Full wwPDB NMR Structure Validation Report (i)

Mar 23, 2026 – 02:40 PM UTC

PDB ID	:	7D2O / pdb_00007d2o
BMRB ID	:	36385
Title	:	Solution structure of Gaussia Luciferase by NMR
Authors	:	Kobayashi, N.; Wu, N.; Kuroda, Y.; Yamazaki, T.
Deposited on	:	2020-09-17

This is a Full wwPDB NMR Structure Validation Report for a publicly released PDB entry.

We welcome your comments at *validation@mail.wwpdb.org*
A user guide is available at
https://www.wwpdb.org/validation/2017/NMRValidationReportHelp
with specific help available everywhere you see the (i) symbol.

The types of validation reports are described at
http://www.wwpdb.org/validation/2017/FAQs#types.

The following versions of software and data (see references (i)) were used in the production of this report:

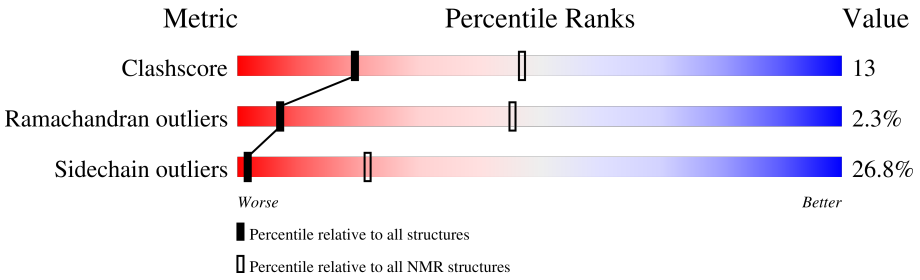
MolProbity	:	4-5-2 with Phenix2.0
Percentile statistics	:	20250101.v01 (using entries in the PDB archive January 1st 2025)
wwPDB-RCI	:	v_1n_11_5_13_A (Berjanski et al., 2005)
PANAV	:	Wang et al. (2010)
wwPDB-ShiftChecker	:	v1.2
BMRB Restraints Analysis	:	v1.2
Ideal geometry (proteins)	:	Engh & Huber (2001)
Ideal geometry (DNA, RNA)	:	Parkinson et al. (1996)
Validation Pipeline (wwPDB-VP)	:	2.49

1 Overall quality at a glance

The following experimental techniques were used to determine the structure:
SOLUTION NMR

The overall completeness of chemical shifts assignment is 91%.

Percentile scores (ranging between 0-100) for global validation metrics of the entry are shown in the following graphic. The table shows the number of entries on which the scores are based.



Metric	Whole archive (#Entries)	NMR archive (#Entries)
Clashscore	229148	14424
Ramachandran outliers	224038	12848
Sidechain outliers	223484	12823

The table below summarises the geometric issues observed across the polymeric chains and their fit to the experimental data. The red, orange, yellow and green segments indicate the fraction of residues that contain outliers for >=3, 2, 1 and 0 types of geometric quality criteria. A cyan segment indicates the fraction of residues that are not part of the well-defined cores, and a grey segment represents the fraction of residues that are not modelled. The numeric value for each fraction is indicated below the corresponding segment, with a dot representing fractions <=5%

Mol	Chain	Length	Quality of chain
1	A	174	36% 27% · 33% ·

2 Ensemble composition and analysis

This entry contains 19 models. Model 18 is the overall representative, medoid model (most similar to other models). The authors have identified model 1 as representative, based on the following criterion: *target function*.

The following residues are included in the computation of the global validation metrics.

Well-defined (core) protein residues			
Well-defined core	**Residue range (total)**	**Backbone RMSD (Å)**	**Medoid model**
1	A:7-A:19, A:34-A:81, A:95-A:143 (110)	1.37	18

Ill-defined regions of proteins are excluded from the global statistics.

Ligands and non-protein polymers are included in the analysis.

The models can be grouped into 3 clusters. No single-model clusters were found.

Cluster number	Models
1	1, 2, 3, 4, 5, 6, 7, 10, 11, 13, 15, 16, 18
2	8, 9, 14, 19
3	12, 17

3 Entry composition (i)

There is only 1 type of molecule in this entry. The entry contains 2552 atoms, of which 1284 are hydrogens and 0 are deuteriums.

- Molecule 1 is a protein called Luciferase.

Mol	Chain	Residues	Atoms						Trace
			Total	C	H	N	O	S	
1	A	168	2552	793	1284	222	240	13	0

There are 8 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
A	-1	THR	-	expression tag	UNP Q9BLZ2
A	0	GLY	-	expression tag	UNP Q9BLZ2
A	100	ALA	GLU	engineered mutation	UNP Q9BLZ2
A	103	ARG	GLY	engineered mutation	UNP Q9BLZ2
A	169	ILE	-	expression tag	UNP Q9BLZ2
A	170	GLU	-	expression tag	UNP Q9BLZ2
A	171	GLY	-	expression tag	UNP Q9BLZ2
A	172	ARG	-	expression tag	UNP Q9BLZ2

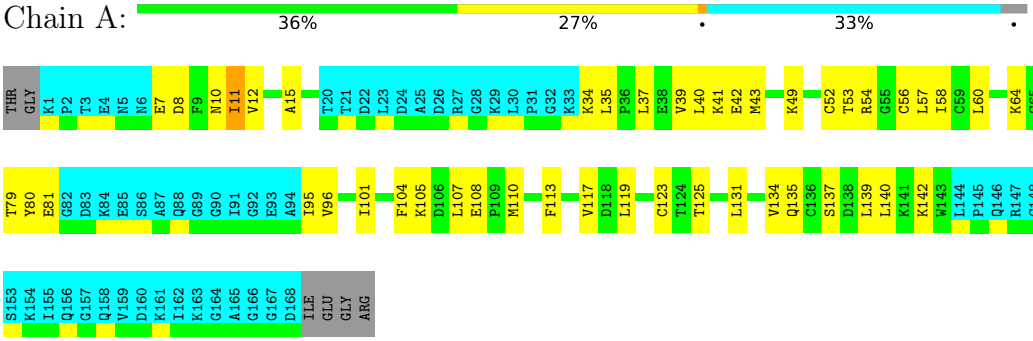
4 Residue-property plots (i)

4.1 Average score per residue in the NMR ensemble

These plots are provided for all protein, RNA, DNA and oligosaccharide chains in the entry. The first graphic is the same as shown in the summary in section 1 of this report. The second graphic shows the sequence where residues are colour-coded according to the number of geometric quality criteria for which they contain at least one outlier: green = 0, yellow = 1, orange = 2 and red = 3 or more. Stretches of 2 or more consecutive residues without any outliers are shown as green connectors. Residues which are classified as ill-defined in the NMR ensemble, are shown in cyan with an underline colour-coded according to the previous scheme. Residues which were present in the experimental sample, but not modelled in the final structure are shown in grey.

• Molecule 1: Luciferase

Chain A:



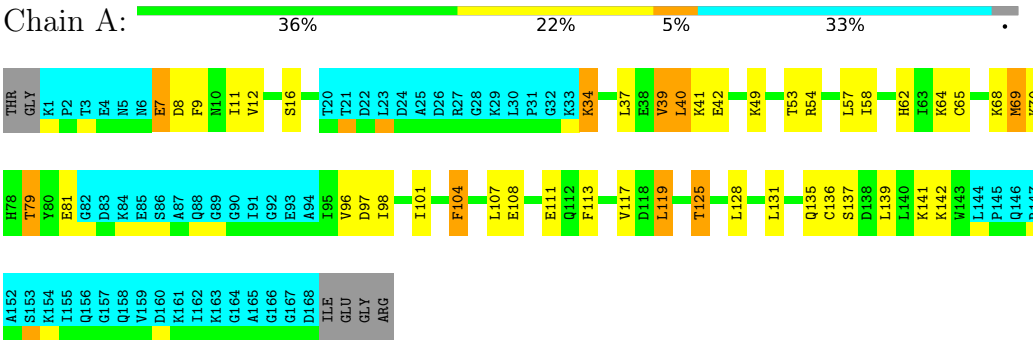
4.2 Scores per residue for each member of the ensemble

Colouring as in section 4.1 above.

4.2.1 Score per residue for model 1

• Molecule 1: Luciferase

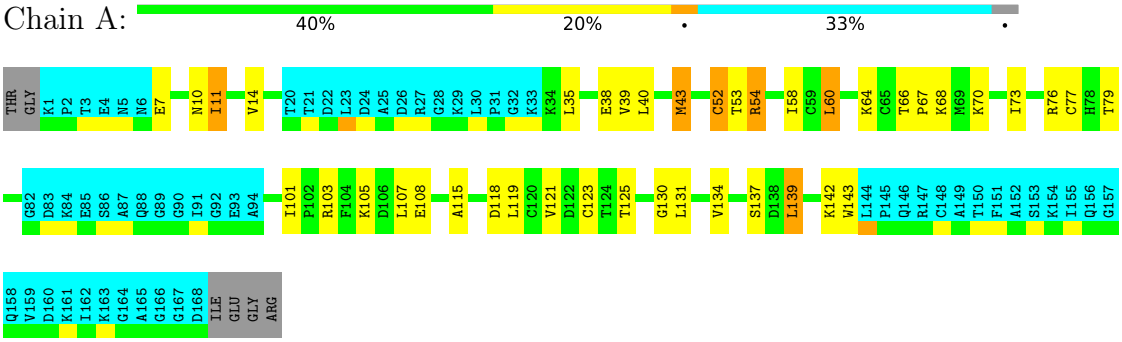
Chain A:



4.2.2 Score per residue for model 2

• Molecule 1: Luciferase

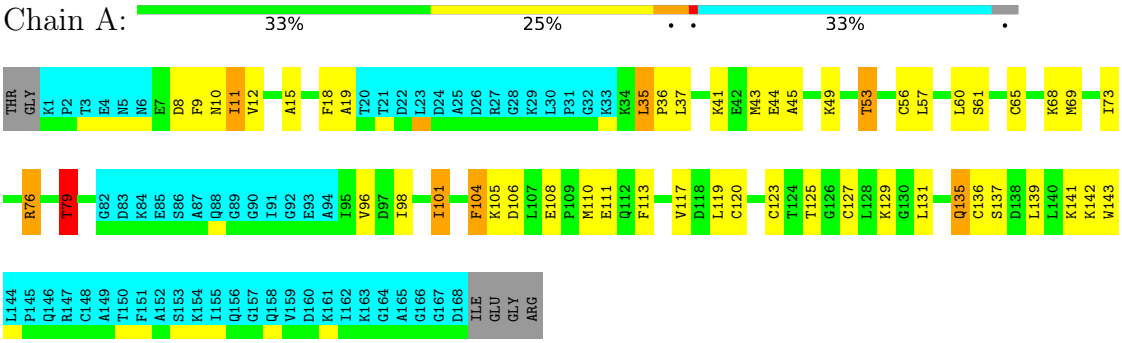
Chain A:



4.2.3 Score per residue for model 3

• Molecule 1: Luciferase

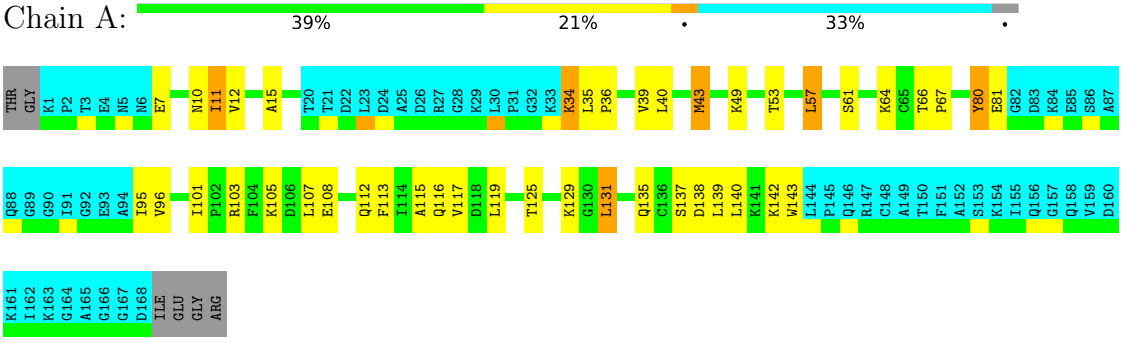
Chain A:



4.2.4 Score per residue for model 4

• Molecule 1: Luciferase

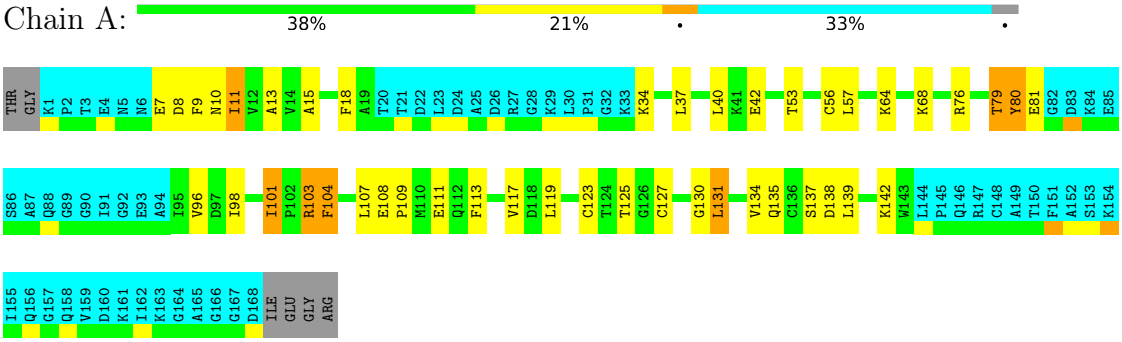
Chain A:



4.2.5 Score per residue for model 5

• Molecule 1: Luciferase

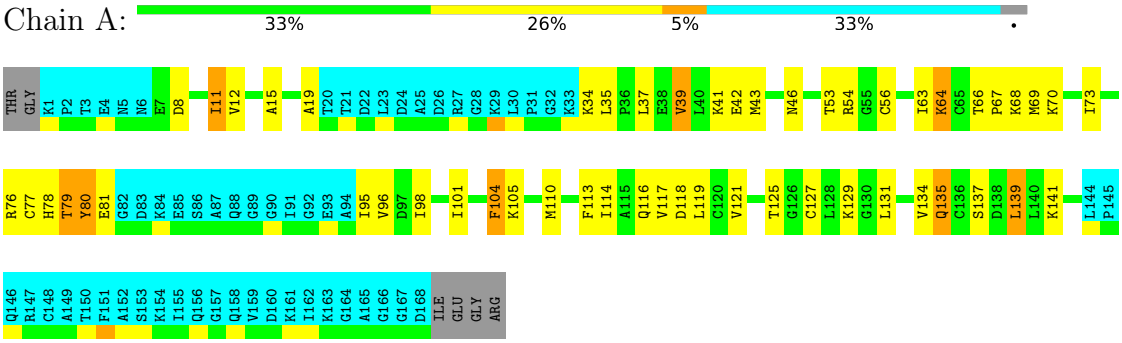
Chain A:



4.2.6 Score per residue for model 6

• Molecule 1: Luciferase

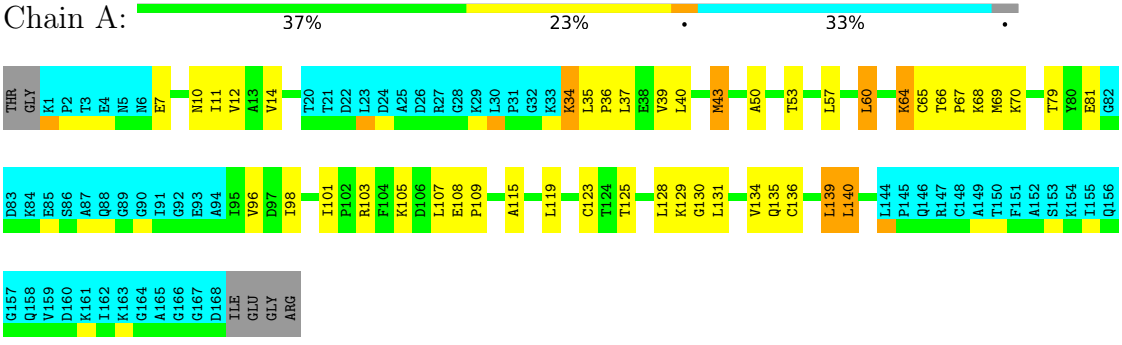
Chain A:



4.2.7 Score per residue for model 7

• Molecule 1: Luciferase

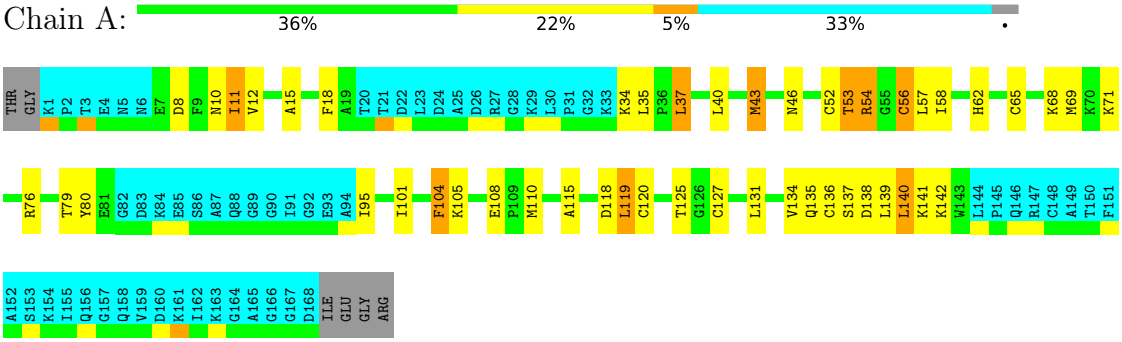
Chain A:



4.2.8 Score per residue for model 8

• Molecule 1: Luciferase

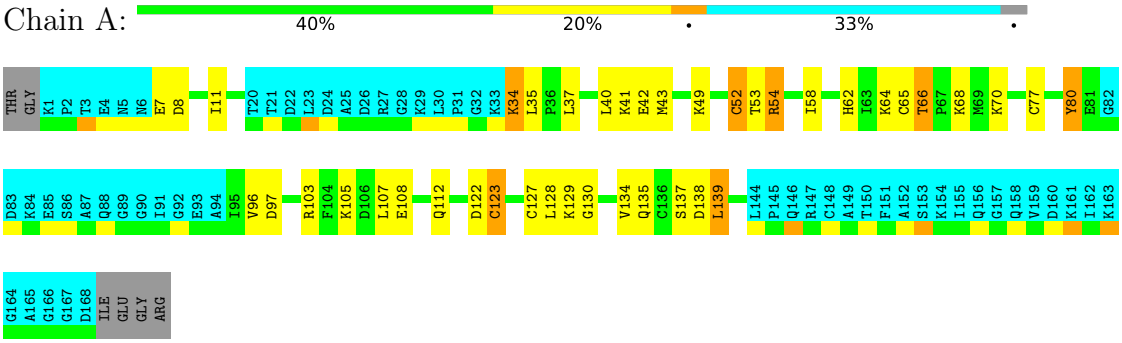
Chain A:



4.2.9 Score per residue for model 9

• Molecule 1: Luciferase

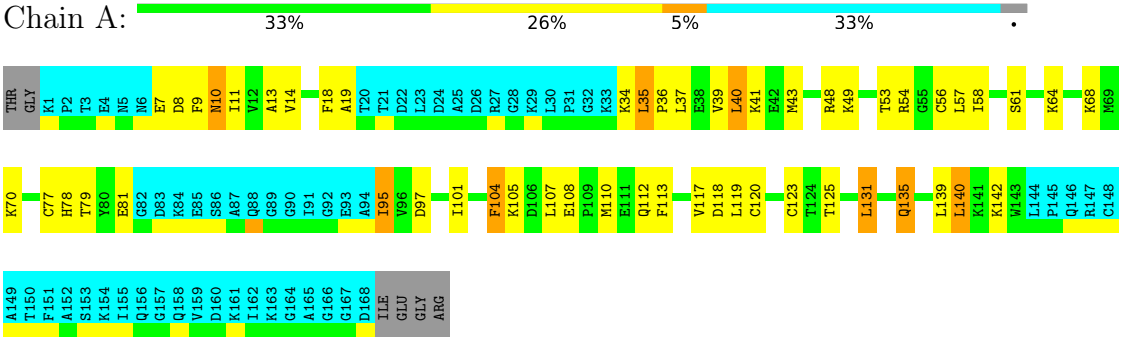
Chain A:



4.2.10 Score per residue for model 10

• Molecule 1: Luciferase

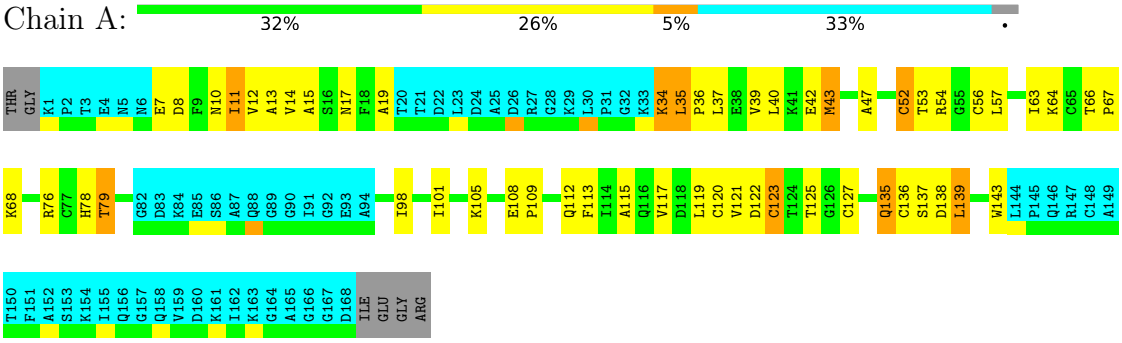
Chain A:



4.2.11 Score per residue for model 11

• Molecule 1: Luciferase

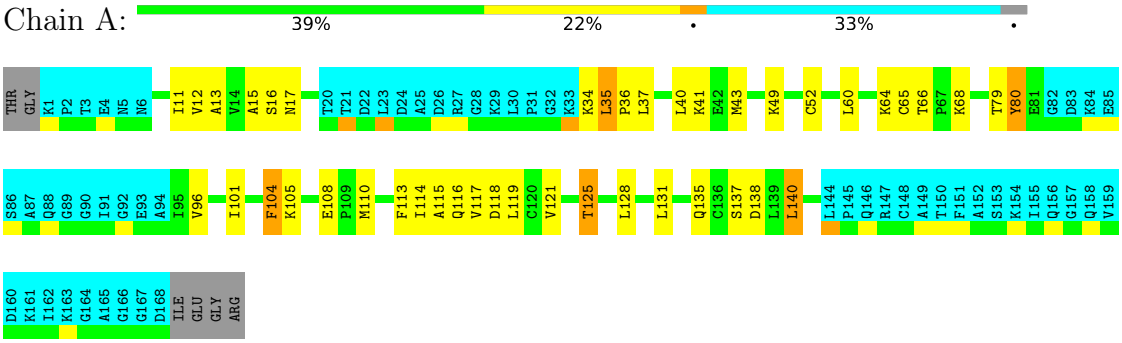
Chain A:



4.2.12 Score per residue for model 12

• Molecule 1: Luciferase

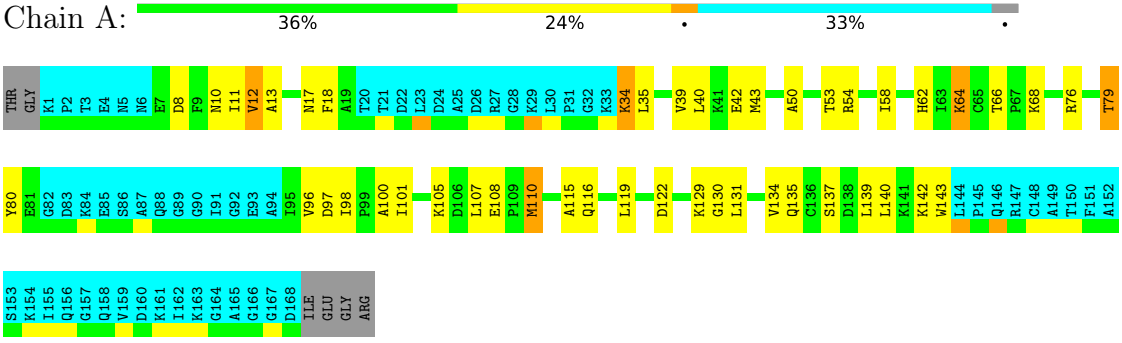
Chain A:



4.2.13 Score per residue for model 13

• Molecule 1: Luciferase

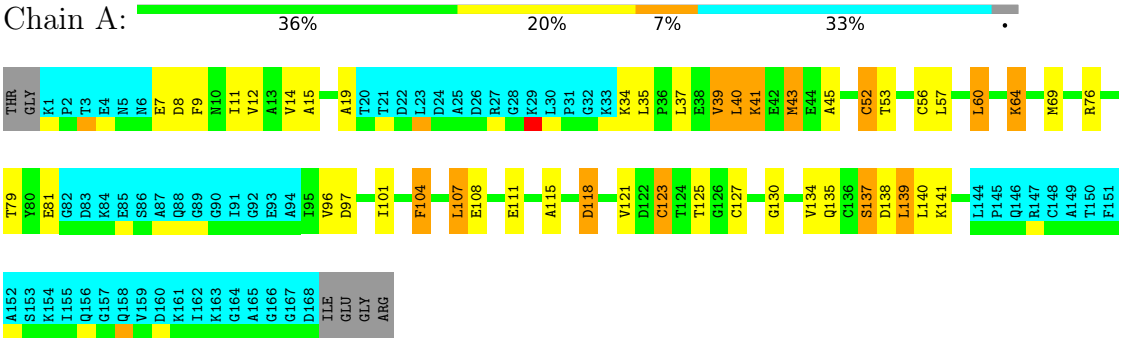
Chain A:



4.2.14 Score per residue for model 14

• Molecule 1: Luciferase

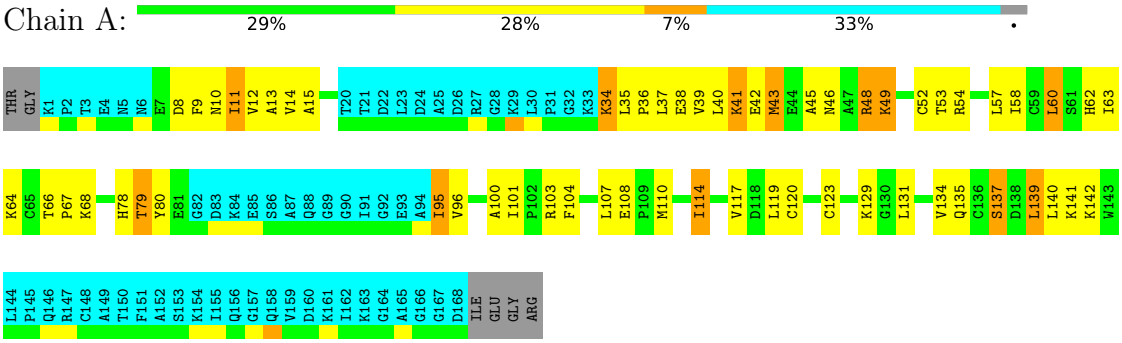
Chain A:



4.2.15 Score per residue for model 15

• Molecule 1: Luciferase

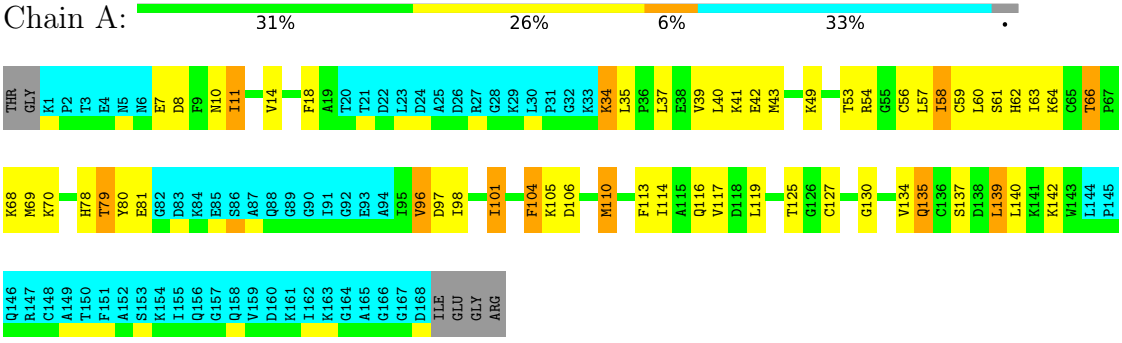
Chain A:



4.2.16 Score per residue for model 16

• Molecule 1: Luciferase

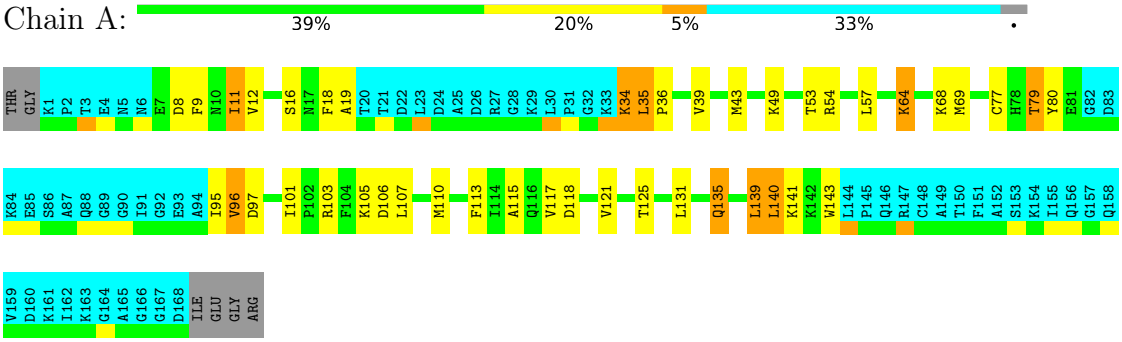
Chain A:



4.2.17 Score per residue for model 17

• Molecule 1: Luciferase

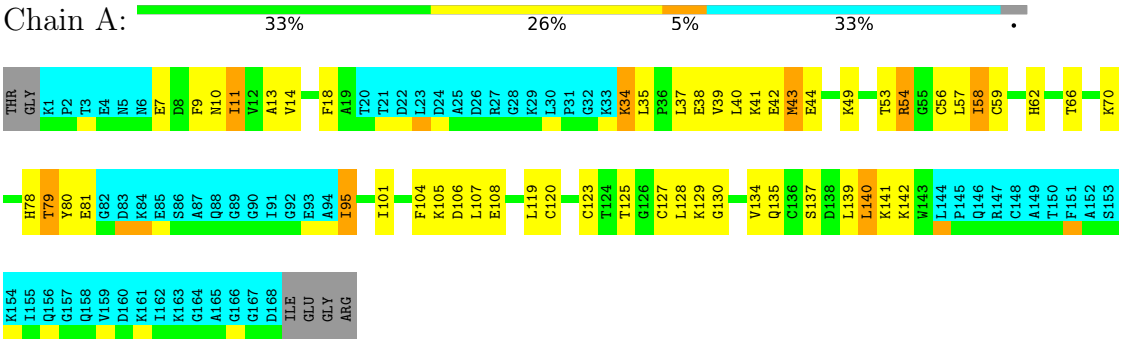
Chain A:



4.2.18 Score per residue for model 18 (medoid)

• Molecule 1: Luciferase

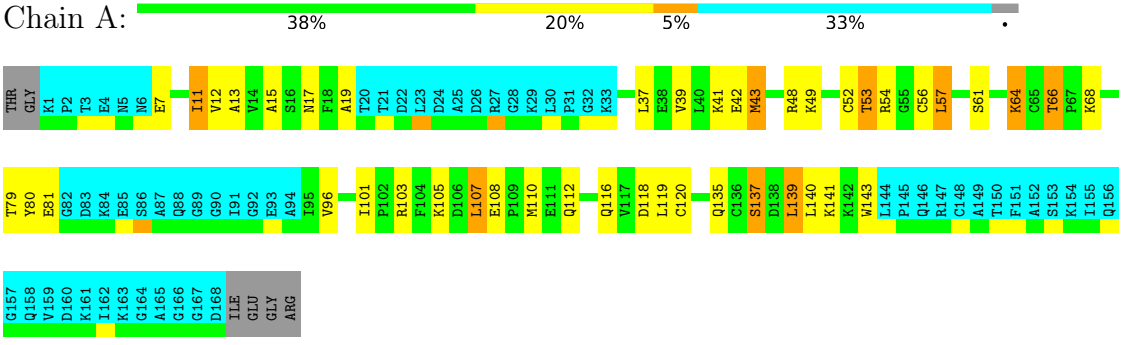
Chain A:



4.2.19 Score per residue for model 19

• Molecule 1: Luciferase

Chain A:



5 Refinement protocol and experimental data overview

The models were refined using the following method: *simulated annealing*.

Of the 200 calculated structures, 19 were deposited, based on the following criterion: *target function*.

The following table shows the software used for structure solution, optimisation and refinement.

Software name	Classification	Version
CYANA	structure calculation	3.98
CYANA	refinement	3.98

The following table shows chemical shift validation statistics as aggregates over all chemical shift files. Detailed validation can be found in section 7 of this report.

Chemical shift file(s)	working_cs.cif
Number of chemical shift lists	1
Total number of shifts	1960
Number of shifts mapped to atoms	1960
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Assignment completeness (well-defined parts)	91%

6 Model quality

6.1 Standard geometry

There are no covalent bond-length or bond-angle outliers.

There are no bond-length outliers.

There are no bond-angle outliers.

There are no chirality outliers.

There are no planarity outliers.

6.2 Too-close contacts

In the following table, the Non-H and H(model) columns list the number of non-hydrogen atoms and hydrogen atoms in each chain respectively. The H(added) column lists the number of hydrogen atoms added and optimized by MolProbity. The Clashes column lists the number of clashes averaged over the ensemble.

Mol	Chain	Non-H	H(model)	H(added)	Clashes
1	A	853	874	874	22±4
All	All	16207	16606	16635	415

The all-atom clashscore is defined as the number of clashes found per 1000 atoms (including hydrogen atoms). The all-atom clashscore for this structure is 13.

All unique clashes are listed below, sorted by their clash magnitude.

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:56:CYS:SG	1:A:127:CYS:SG	1.11	2.48	5	6
1:A:123:CYS:SG	1:A:127:CYS:SG	1.07	2.53	11	3
1:A:12:VAL:HG23	1:A:40:LEU:HD12	0.95	1.39	7	1
1:A:35:LEU:HD12	1:A:39:VAL:HG11	0.94	1.39	13	4
1:A:14:VAL:HG11	1:A:60:LEU:HD12	0.87	1.42	14	2
1:A:43:MET:HE3	1:A:134:VAL:HG11	0.87	1.47	9	1
1:A:100:ALA:HB3	1:A:119:LEU:HD21	0.87	1.47	15	1
1:A:52:CYS:SG	1:A:123:CYS:SG	0.79	2.79	2	3
1:A:101:ILE:HD11	1:A:119:LEU:HD11	0.79	1.54	5	3
1:A:39:VAL:HG12	1:A:139:LEU:HD12	0.75	1.57	14	2
1:A:39:VAL:HG22	1:A:139:LEU:HD12	0.74	1.57	16	3
1:A:101:ILE:HD11	1:A:119:LEU:HD13	0.74	1.60	15	2
1:A:12:VAL:HG23	1:A:40:LEU:HD22	0.73	1.59	1	1
1:A:52:CYS:SG	1:A:56:CYS:SG	0.73	2.86	8	3

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:101:ILE:HD13	1:A:115:ALA:HB1	0.72	1.60	17	8
1:A:18:PHE:CE2	1:A:131:LEU:HD13	0.68	2.24	8	3
1:A:9:PHE:CZ	1:A:57:LEU:HD13	0.67	2.25	1	7
1:A:13:ALA:HB1	1:A:79:THR:HG21	0.67	1.66	12	2
1:A:13:ALA:CB	1:A:79:THR:HG21	0.67	2.20	19	1
1:A:101:ILE:HD11	1:A:119:LEU:CD1	0.66	2.20	1	4
1:A:115:ALA:O	1:A:119:LEU:HD22	0.65	1.92	8	1
1:A:64:LYS:HG3	1:A:96:VAL:HG13	0.65	1.69	14	2
1:A:12:VAL:CG2	1:A:35:LEU:HD12	0.65	2.22	6	1
1:A:35:LEU:HD13	1:A:36:PRO:HD2	0.65	1.69	17	4
1:A:18:PHE:CZ	1:A:60:LEU:HD13	0.64	2.26	16	2
1:A:101:ILE:CD1	1:A:115:ALA:HB1	0.63	2.23	13	7
1:A:10:ASN:OD1	1:A:13:ALA:HB3	0.63	1.93	5	1
1:A:39:VAL:HG12	1:A:139:LEU:CD1	0.63	2.24	6	2
1:A:43:MET:HG3	1:A:140:LEU:HD11	0.63	1.70	13	1
1:A:54:ARG:O	1:A:58:ILE:HD12	0.63	1.94	16	6
1:A:11:ILE:CG1	1:A:57:LEU:HD22	0.62	2.24	11	2
1:A:34:LYS:O	1:A:35:LEU:HD22	0.62	1.94	15	5
1:A:39:VAL:HG12	1:A:139:LEU:HD22	0.62	1.71	7	1
1:A:65:CYS:O	1:A:96:VAL:HG21	0.62	1.95	1	4
1:A:65:CYS:C	1:A:96:VAL:HG11	0.61	2.21	7	1
1:A:18:PHE:CD2	1:A:131:LEU:HD13	0.61	2.29	17	1
1:A:11:ILE:CG2	1:A:43:MET:HE3	0.61	2.26	2	1
1:A:125:THR:HA	1:A:128:LEU:HD12	0.61	1.72	1	2
1:A:64:LYS:CG	1:A:96:VAL:HG13	0.60	2.26	13	1
1:A:79:THR:HG23	1:A:80:TYR:CD2	0.60	2.32	17	2
1:A:39:VAL:HG22	1:A:139:LEU:CD1	0.60	2.27	16	1
1:A:11:ILE:CD1	1:A:43:MET:HE2	0.60	2.27	19	2
1:A:64:LYS:HB3	1:A:96:VAL:HG13	0.59	1.72	12	4
1:A:12:VAL:CG2	1:A:40:LEU:HD12	0.59	2.24	7	1
1:A:39:VAL:HG22	1:A:139:LEU:HD22	0.59	1.72	15	2
1:A:116:GLN:HA	1:A:119:LEU:HD12	0.59	1.73	12	5
1:A:50:ALA:HB1	1:A:130:GLY:HA3	0.59	1.75	13	2
1:A:64:LYS:HB3	1:A:96:VAL:HG11	0.59	1.74	15	2
1:A:14:VAL:HG11	1:A:60:LEU:CD1	0.59	2.27	15	1
1:A:73:ILE:HD12	1:A:76:ARG:HD2	0.59	1.75	2	1
1:A:118:ASP:O	1:A:121:VAL:HG13	0.59	1.98	17	4
1:A:10:ASN:ND2	1:A:13:ALA:HB3	0.59	2.13	18	4
1:A:113:PHE:O	1:A:117:VAL:HG23	0.59	1.97	11	10
1:A:43:MET:HG2	1:A:140:LEU:HD21	0.59	1.74	10	3
1:A:79:THR:HG22	1:A:80:TYR:CE2	0.58	2.33	6	1

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:43:MET:HG3	1:A:140:LEU:HD21	0.58	1.76	12	2
1:A:130:GLY:O	1:A:134:VAL:HG13	0.58	1.99	2	7
1:A:34:LYS:C	1:A:35:LEU:HD22	0.58	2.23	13	7
1:A:12:VAL:HG23	1:A:40:LEU:CD2	0.58	2.27	1	1
1:A:43:MET:CG	1:A:140:LEU:HD11	0.58	2.29	12	5
1:A:66:THR:HA	1:A:96:VAL:HG11	0.58	1.73	16	1
1:A:14:VAL:CG1	1:A:60:LEU:HD12	0.58	2.25	14	1
1:A:110:MET:O	1:A:114:ILE:HD12	0.57	1.99	15	3
1:A:36:PRO:O	1:A:39:VAL:HG22	0.57	2.00	4	2
1:A:39:VAL:HG13	1:A:140:LEU:HG	0.57	1.76	17	1
1:A:47:ALA:CB	1:A:57:LEU:HD21	0.57	2.29	11	1
1:A:79:THR:HG22	1:A:80:TYR:CE1	0.57	2.34	5	1
1:A:98:ILE:HD12	1:A:104:PHE:CZ	0.57	2.35	6	1
1:A:11:ILE:HD12	1:A:57:LEU:CD2	0.57	2.29	17	1
1:A:79:THR:HG22	1:A:80:TYR:CD1	0.57	2.34	13	1
1:A:15:ALA:CB	1:A:43:MET:HE1	0.57	2.30	15	5
1:A:10:ASN:CG	1:A:79:THR:HG23	0.56	2.24	10	1
1:A:11:ILE:HG23	1:A:43:MET:HE3	0.56	1.77	2	1
1:A:15:ALA:HB3	1:A:43:MET:HE1	0.55	1.76	3	2
1:A:11:ILE:CD1	1:A:57:LEU:HD22	0.55	2.31	18	3
1:A:35:LEU:HD23	1:A:36:PRO:HD2	0.55	1.79	3	1
1:A:15:ALA:CB	1:A:131:LEU:HD12	0.55	2.32	12	1
1:A:123:CYS:SG	1:A:128:LEU:HD21	0.55	2.40	18	1
1:A:137:SER:HB2	1:A:140:LEU:HD23	0.55	1.78	19	2
1:A:11:ILE:HD12	1:A:57:LEU:HD22	0.54	1.78	17	3
1:A:40:LEU:C	1:A:40:LEU:HD13	0.54	2.28	10	4
1:A:35:LEU:HD12	1:A:39:VAL:HG21	0.54	1.80	4	2
1:A:10:ASN:HD22	1:A:13:ALA:HB3	0.54	1.62	10	3
1:A:46:ASN:CG	1:A:134:VAL:HG23	0.54	2.27	15	2
1:A:79:THR:HG23	1:A:80:TYR:CD1	0.54	2.38	8	1
1:A:9:PHE:CE2	1:A:57:LEU:HD22	0.54	2.38	3	1
1:A:66:THR:HG21	1:A:112:GLN:NE2	0.54	2.18	4	3
1:A:43:MET:SD	1:A:134:VAL:HG21	0.53	2.43	8	1
1:A:43:MET:CG	1:A:140:LEU:HD21	0.53	2.34	18	3
1:A:10:ASN:ND2	1:A:79:THR:HG21	0.53	2.18	3	1
1:A:56:CYS:SG	1:A:123:CYS:CB	0.53	2.97	3	4
1:A:12:VAL:HG21	1:A:35:LEU:HD12	0.53	1.80	6	1
1:A:64:LYS:CB	1:A:96:VAL:HG11	0.53	2.33	6	1
1:A:35:LEU:HD12	1:A:39:VAL:CG1	0.53	2.33	2	2
1:A:63:ILE:CD1	1:A:117:VAL:HG22	0.53	2.34	6	1
1:A:101:ILE:CD1	1:A:119:LEU:HD13	0.53	2.32	15	1

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:10:ASN:OD1	1:A:79:THR:HG21	0.53	2.04	16	1
1:A:64:LYS:HB3	1:A:96:VAL:HG23	0.53	1.79	17	1
1:A:39:VAL:HG12	1:A:139:LEU:HG	0.52	1.81	1	1
1:A:46:ASN:CB	1:A:134:VAL:HG23	0.52	2.33	6	2
1:A:12:VAL:HG22	1:A:43:MET:SD	0.52	2.45	14	2
1:A:65:CYS:O	1:A:96:VAL:HG11	0.52	2.04	7	1
1:A:14:VAL:HG11	1:A:57:LEU:HD23	0.52	1.82	7	1
1:A:11:ILE:HD12	1:A:43:MET:HB3	0.52	1.82	8	2
1:A:69:MET:CG	1:A:73:ILE:HD11	0.51	2.35	1	1
1:A:11:ILE:HG13	1:A:57:LEU:HD22	0.51	1.80	11	1
1:A:11:ILE:HG22	1:A:40:LEU:HG	0.51	1.81	18	1
1:A:104:PHE:CD2	1:A:104:PHE:C	0.51	2.88	10	4
1:A:101:ILE:CD1	1:A:119:LEU:HD11	0.51	2.36	10	7
1:A:58:ILE:HG23	1:A:62:HIS:CE1	0.51	2.41	9	7
1:A:108:GLU:HB3	1:A:109:PRO:HD2	0.51	1.82	11	3
1:A:14:VAL:HG13	1:A:60:LEU:CD1	0.51	2.36	7	1
1:A:39:VAL:HA	1:A:139:LEU:HD23	0.50	1.82	1	1
1:A:12:VAL:HG21	1:A:35:LEU:CB	0.50	2.36	4	1
1:A:64:LYS:CB	1:A:96:VAL:HG13	0.50	2.36	9	2
1:A:15:ALA:HB2	1:A:131:LEU:HD12	0.50	1.83	12	1
1:A:53:THR:O	1:A:57:LEU:HD12	0.49	2.06	3	3
1:A:63:ILE:HD11	1:A:117:VAL:HG22	0.49	1.84	16	1
1:A:13:ALA:HB2	1:A:79:THR:HG21	0.49	1.82	19	1
1:A:76:ARG:NH2	1:A:110:MET:HE1	0.49	2.23	3	1
1:A:12:VAL:HG11	1:A:35:LEU:CD1	0.49	2.37	3	1
1:A:11:ILE:HG12	1:A:57:LEU:HD22	0.49	1.84	16	3
1:A:13:ALA:HB2	1:A:80:TYR:CE2	0.49	2.42	12	1
1:A:100:ALA:HB3	1:A:119:LEU:HD22	0.49	1.85	13	1
1:A:35:LEU:CD1	1:A:39:VAL:HG11	0.49	2.28	13	2
1:A:64:LYS:HB3	1:A:96:VAL:HG21	0.48	1.85	6	1
1:A:40:LEU:HD22	1:A:40:LEU:O	0.48	2.08	10	2
1:A:98:ILE:HG21	1:A:119:LEU:HD11	0.48	1.86	6	4
1:A:78:HIS:O	1:A:79:THR:HG22	0.48	2.09	11	1
1:A:104:PHE:C	1:A:104:PHE:CD1	0.48	2.91	18	1
1:A:104:PHE:CD1	1:A:104:PHE:C	0.48	2.90	14	6
1:A:130:GLY:O	1:A:134:VAL:HG23	0.48	2.07	9	1
1:A:139:LEU:HD13	1:A:139:LEU:O	0.48	2.09	17	1
1:A:95:ILE:O	1:A:96:VAL:C	0.48	2.57	17	1
1:A:38:GLU:O	1:A:139:LEU:HD13	0.48	2.09	18	1
1:A:130:GLY:O	1:A:134:VAL:HG22	0.48	2.09	13	2
1:A:12:VAL:HG11	1:A:35:LEU:HG	0.47	1.84	12	1

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:40:LEU:HD13	1:A:41:LYS:N	0.47	2.24	10	2
1:A:54:ARG:C	1:A:58:ILE:HD12	0.47	2.35	8	2
1:A:80:TYR:CD2	1:A:80:TYR:C	0.47	2.91	4	1
1:A:10:ASN:O	1:A:14:VAL:HG23	0.47	2.09	16	6
1:A:56:CYS:HG	1:A:123:CYS:CB	0.47	2.16	10	1
1:A:137:SER:OG	1:A:140:LEU:HD23	0.47	2.09	15	1
1:A:36:PRO:HG2	1:A:39:VAL:HG23	0.46	1.88	15	1
1:A:15:ALA:HB2	1:A:131:LEU:HD23	0.46	1.88	5	1
1:A:76:ARG:HE	1:A:110:MET:HE1	0.46	1.71	8	1
1:A:11:ILE:HD13	1:A:43:MET:HE3	0.46	1.87	8	2
1:A:66:THR:HB	1:A:67:PRO:HD2	0.46	1.88	11	6
1:A:43:MET:HG2	1:A:140:LEU:HD11	0.46	1.87	8	2
1:A:57:LEU:HD21	1:A:131:LEU:HD21	0.46	1.87	1	1
1:A:15:ALA:HA	1:A:131:LEU:HD23	0.45	1.87	4	1
1:A:96:VAL:O	1:A:96:VAL:HG22	0.45	2.11	17	1
1:A:39:VAL:CG2	1:A:139:LEU:HD12	0.45	2.40	11	2
1:A:12:VAL:HG23	1:A:43:MET:CE	0.45	2.41	4	1
1:A:54:ARG:HG3	1:A:58:ILE:HD12	0.45	1.87	13	1
1:A:13:ALA:HB2	1:A:80:TYR:CE1	0.45	2.46	15	1
1:A:64:LYS:HB2	1:A:96:VAL:HG11	0.45	1.86	19	1
1:A:12:VAL:HA	1:A:43:MET:HE3	0.45	1.87	7	1
1:A:42:GLU:HG3	1:A:139:LEU:HD23	0.45	1.88	9	1
1:A:11:ILE:HG22	1:A:40:LEU:CD2	0.45	2.42	14	1
1:A:98:ILE:HD12	1:A:104:PHE:CE2	0.45	2.46	6	1
1:A:35:LEU:HD23	1:A:80:TYR:CE2	0.45	2.47	8	2
1:A:12:VAL:HA	1:A:43:MET:HE2	0.45	1.89	17	1
1:A:12:VAL:HG11	1:A:35:LEU:HD13	0.44	1.88	3	1
1:A:12:VAL:HG23	1:A:40:LEU:HD23	0.44	1.88	15	1
1:A:110:MET:HE2	1:A:114:ILE:CD1	0.44	2.43	12	1
1:A:10:ASN:CG	1:A:79:THR:HG21	0.44	2.36	3	1
1:A:103:ARG:O	1:A:107:LEU:HD13	0.44	2.13	5	1
1:A:12:VAL:CG1	1:A:40:LEU:HD11	0.44	2.43	13	1
1:A:101:ILE:HD11	1:A:119:LEU:HG	0.44	1.88	3	1
1:A:11:ILE:CD1	1:A:43:MET:HE3	0.43	2.43	6	1
1:A:100:ALA:HB3	1:A:119:LEU:CD2	0.43	2.43	13	1
1:A:131:LEU:O	1:A:134:VAL:HG12	0.43	2.13	6	1
1:A:35:LEU:HD12	1:A:39:VAL:HB	0.43	1.89	10	1
1:A:123:CYS:HB3	1:A:128:LEU:HD21	0.43	1.89	9	1
1:A:11:ILE:HD13	1:A:43:MET:HE2	0.43	1.88	19	1
1:A:63:ILE:CD1	1:A:117:VAL:HG12	0.43	2.43	15	1
1:A:41:LYS:O	1:A:45:ALA:HB2	0.43	2.13	15	3

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:12:VAL:HG21	1:A:35:LEU:HD23	0.43	1.89	13	1
1:A:18:PHE:HE2	1:A:131:LEU:HD13	0.43	1.71	8	1
1:A:48:ARG:HG3	1:A:49:LYS:N	0.43	2.28	15	1
1:A:11:ILE:HD13	1:A:11:ILE:O	0.43	2.14	8	1
1:A:18:PHE:CZ	1:A:131:LEU:HD23	0.43	2.48	13	1
1:A:43:MET:SD	1:A:140:LEU:HD11	0.43	2.53	12	1
1:A:104:PHE:CD1	1:A:105:LYS:N	0.43	2.87	16	1
1:A:12:VAL:HG12	1:A:40:LEU:HD11	0.43	1.91	11	1
1:A:12:VAL:HG21	1:A:35:LEU:HD13	0.42	1.90	3	1
1:A:35:LEU:HD12	1:A:39:VAL:CB	0.42	2.45	11	1
1:A:54:ARG:O	1:A:58:ILE:HD13	0.42	2.13	10	1
1:A:14:VAL:HG12	1:A:18:PHE:CE1	0.42	2.49	18	1
1:A:103:ARG:O	1:A:107:LEU:N	0.42	2.53	19	1
1:A:12:VAL:HG23	1:A:35:LEU:HD12	0.42	1.90	6	1
1:A:15:ALA:HB2	1:A:43:MET:HE1	0.42	1.92	8	1
1:A:98:ILE:HD12	1:A:101:ILE:HD12	0.42	1.91	16	1
1:A:113:PHE:CE2	1:A:117:VAL:HG21	0.42	2.50	10	1
1:A:14:VAL:HG22	1:A:60:LEU:HD12	0.42	1.91	2	1
1:A:69:MET:HG3	1:A:73:ILE:HD11	0.42	1.92	1	1
1:A:110:MET:HA	1:A:110:MET:HE2	0.41	1.92	13	1
1:A:78:HIS:O	1:A:80:TYR:N	0.41	2.53	18	1
1:A:101:ILE:O	1:A:104:PHE:HB3	0.41	2.15	10	1
1:A:18:PHE:CE1	1:A:131:LEU:HD13	0.41	2.51	5	1
1:A:69:MET:HG3	1:A:70:LYS:N	0.41	2.31	7	1
1:A:69:MET:HE3	1:A:73:ILE:HD11	0.41	1.92	6	1
1:A:120:CYS:O	1:A:121:VAL:C	0.41	2.63	11	1
1:A:40:LEU:C	1:A:40:LEU:HD22	0.41	2.41	10	2
1:A:107:LEU:HD23	1:A:111:GLU:OE1	0.41	2.15	14	1
1:A:66:THR:HG21	1:A:112:GLN:CD	0.41	2.41	19	1
1:A:46:ASN:ND2	1:A:134:VAL:HG23	0.41	2.31	15	1
1:A:42:GLU:HB3	1:A:140:LEU:HD23	0.41	1.92	18	1
1:A:9:PHE:HZ	1:A:57:LEU:HD13	0.41	1.71	10	1
1:A:119:LEU:N	1:A:119:LEU:HD13	0.41	2.31	8	1
1:A:52:CYS:SG	1:A:127:CYS:CB	0.41	3.09	11	1
1:A:69:MET:CE	1:A:73:ILE:HD11	0.40	2.46	3	1
1:A:110:MET:HE3	1:A:110:MET:HA	0.40	1.93	3	1
1:A:79:THR:HG22	1:A:80:TYR:CD2	0.40	2.51	6	1
1:A:18:PHE:CE1	1:A:131:LEU:HD23	0.40	2.51	13	1
1:A:11:ILE:HD13	1:A:44:GLU:HA	0.40	1.92	18	1
1:A:73:ILE:HD12	1:A:76:ARG:HG3	0.40	1.93	6	1
1:A:12:VAL:HG21	1:A:35:LEU:HB2	0.40	1.92	4	1

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:13:ALA:HB2	1:A:80:TYR:HD1	0.40	1.76	18	1

6.3 Torsion angles (i)

6.3.1 Protein backbone (i)

In the following table, the Percentiles column shows the percent Ramachandran outliers of the chain as a percentile score with respect to all PDB entries followed by that with respect to all NMR entries. The Analysed column shows the number of residues for which the backbone conformation was analysed and the total number of residues.

Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles	
1	A	110/174 (63%)	98±1 (89±1%)	9±2 (9±2%)	3±2 (2±1%)	7	45
All	All	2090/3306 (63%)	1863 (89%)	178 (9%)	49 (2%)	7	45

All 12 unique Ramachandran outliers are listed below. They are sorted by the frequency of occurrence in the ensemble.

Mol	Chain	Res	Type	Models (Total)
1	A	34	LYS	13
1	A	135	GLN	8
1	A	79	THR	6
1	A	96	VAL	4
1	A	80	TYR	4
1	A	19	ALA	4
1	A	95	ILE	3
1	A	120	CYS	3
1	A	7	GLU	1
1	A	121	VAL	1
1	A	56	CYS	1
1	A	136	CYS	1

6.3.2 Protein sidechains (i)

In the following table, the Percentiles column shows the percent sidechain outliers of the chain as a percentile score with respect to all PDB entries followed by that with respect to all NMR entries. The Analysed column shows the number of residues for which the sidechain conformation was analysed and the total number of residues.

Mol	Chain	Analysed	Rotameric	Outliers	Percentiles
1	A	96/142 (68%)	70±3 (73±3%)	26±3 (27±3%)	2 21
All	All	1824/2698 (68%)	1335 (73%)	489 (27%)	2 21

All 73 unique residues with a non-rotameric sidechain are listed below. They are sorted by the frequency of occurrence in the ensemble.

Mol	Chain	Res	Type	Models (Total)
1	A	11	ILE	18
1	A	53	THR	18
1	A	68	LYS	16
1	A	135	GLN	16
1	A	137	SER	16
1	A	139	LEU	16
1	A	125	THR	15
1	A	37	LEU	14
1	A	105	LYS	14
1	A	8	ASP	13
1	A	108	GLU	13
1	A	7	GLU	12
1	A	107	LEU	12
1	A	64	LYS	12
1	A	49	LYS	11
1	A	79	THR	11
1	A	142	LYS	11
1	A	81	GLU	10
1	A	41	LYS	9
1	A	104	PHE	9
1	A	43	MET	9
1	A	54	ARG	9
1	A	40	LEU	8
1	A	42	GLU	8
1	A	129	LYS	8
1	A	141	LYS	8
1	A	70	LYS	7
1	A	97	ASP	7
1	A	103	ARG	7
1	A	34	LYS	6
1	A	77	CYS	6
1	A	52	CYS	6
1	A	131	LEU	6
1	A	138	ASP	6
1	A	140	LEU	6
1	A	66	THR	6

Continued on next page...

Continued from previous page...

Mol	Chain	Res	Type	Models (Total)
1	A	69	MET	5
1	A	60	LEU	5
1	A	35	LEU	5
1	A	61	SER	5
1	A	76	ARG	5
1	A	101	ILE	5
1	A	118	ASP	5
1	A	123	CYS	5
1	A	110	MET	5
1	A	136	CYS	4
1	A	10	ASN	4
1	A	106	ASP	4
1	A	78	HIS	4
1	A	17	ASN	4
1	A	16	SER	3
1	A	39	VAL	3
1	A	98	ILE	3
1	A	111	GLU	3
1	A	120	CYS	3
1	A	80	TYR	3
1	A	122	ASP	3
1	A	48	ARG	3
1	A	119	LEU	2
1	A	38	GLU	2
1	A	57	LEU	2
1	A	95	ILE	2
1	A	58	ILE	2
1	A	59	CYS	2
1	A	44	GLU	1
1	A	128	LEU	1
1	A	65	CYS	1
1	A	71	LYS	1
1	A	112	GLN	1
1	A	63	ILE	1
1	A	12	VAL	1
1	A	114	ILE	1
1	A	116	GLN	1

6.3.3 RNA

There are no RNA molecules in this entry.

6.4 Non-standard residues in protein, DNA, RNA chains

There are no non-standard protein/DNA/RNA residues in this entry.

6.5 Carbohydrates

There are no oligosaccharides in this entry.

6.6 Ligand geometry

There are no ligands in this entry.

6.7 Other polymers

There are no such molecules in this entry.

6.8 Polymer linkage issues

There are no chain breaks in this entry.

7 Chemical shift validation

The completeness of assignment taking into account all chemical shift lists is 91% for the well-defined parts and 89% for the entire structure.

7.1 Chemical shift list 1

File name: working_cs.cif

Chemical shift list name: *shift_set_1*

7.1.1 Bookkeeping

The following table shows the results of parsing the chemical shift list and reports the number of nuclei with statistically unusual chemical shifts.

Total number of shifts	1960
Number of shifts mapped to atoms	1960
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Number of shift outliers (ShiftChecker)	2

7.1.2 Chemical shift referencing

The following table shows the suggested chemical shift referencing corrections.

Nucleus	# values	Correction ± precision, *ppm*	Suggested action
$^{13}C_{\alpha}$	166	-0.12 ± 0.09	None needed (< 0.5 ppm)
$^{13}C_{\beta}$	152	0.19 ± 0.05	None needed (< 0.5 ppm)
$^{13}C'$	164	-0.17 ± 0.06	None needed (< 0.5 ppm)
^{15}N	158	0.59 ± 0.20	Should be applied

7.1.3 Completeness of resonance assignments

The following table shows the completeness of the chemical shift assignments for the well-defined regions of the structure. The overall completeness is 91%, i.e. 1362 atoms were assigned a chemical shift out of a possible 1504. 0 out of 18 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	^{1}H	^{13}C	^{15}N
Backbone	538/543 (99%)	218/219 (100%)	217/220 (99%)	103/104 (99%)
Sidechain	746/876 (85%)	507/572 (89%)	228/274 (83%)	11/30 (37%)

Continued on next page...

Continued from previous page...

	Total	^{1}H	^{13}C	^{15}N
Aromatic	78/85 (92%)	39/43 (91%)	38/39 (97%)	1/3 (33%)
Overall	1362/1504 (91%)	764/834 (92%)	483/533 (91%)	115/137 (84%)

The following table shows the completeness of the chemical shift assignments for the full structure. The overall completeness is 89%, i.e. 1958 atoms were assigned a chemical shift out of a possible 2209. 0 out of 22 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	^{1}H	^{13}C	^{15}N
Backbone	828/837 (99%)	340/342 (99%)	330/336 (98%)	158/159 (99%)
Sidechain	1044/1277 (82%)	709/827 (86%)	317/401 (79%)	18/49 (37%)
Aromatic	86/95 (91%)	43/48 (90%)	42/44 (95%)	1/3 (33%)
Overall	1958/2209 (89%)	1092/1217 (90%)	689/781 (88%)	177/211 (84%)

7.1.4 Statistically unusual chemical shifts (i)

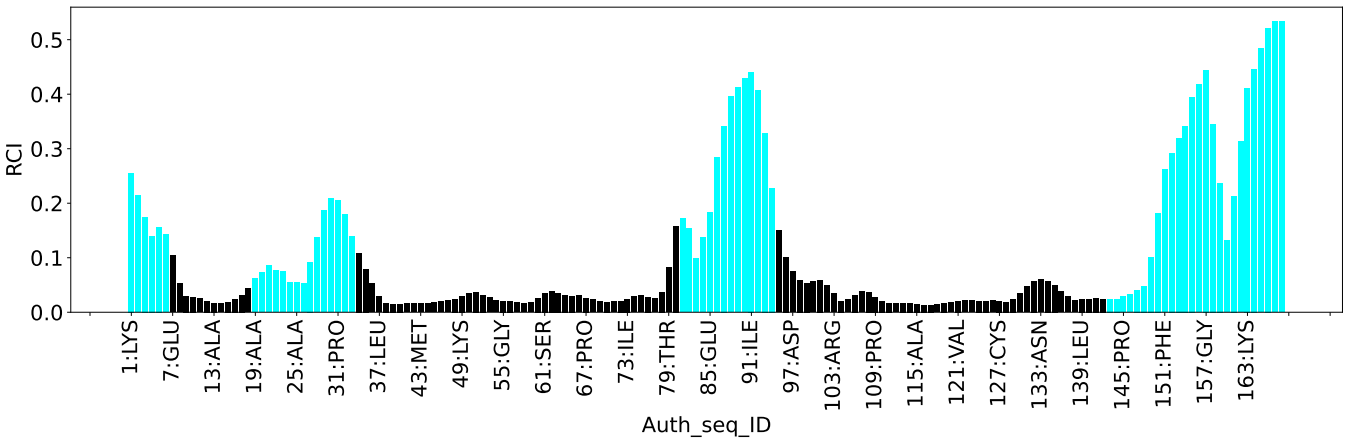
The following table lists the statistically unusual chemical shifts. These are statistical measures, and large deviations from the mean do not necessarily imply incorrect assignments. Molecules containing paramagnetic centres or hemes are expected to give rise to anomalous chemical shifts.

List Id	Chain	Res	Type	Atom	Shift, *ppm*	Expected range, *ppm*	Z-score
1	A	66	THR	HG1	6.05	0.08 – 2.19	23.3
1	A	124	THR	HG1	5.55	0.08 – 2.19	20.9

7.1.5 Random Coil Index (RCI) plots (i)

The image below reports *random coil index* values for the protein chains in the structure. The height of each bar gives a probability of a given residue to be disordered, as predicted from the available chemical shifts and the amino acid sequence. A value above 0.2 is an indication of significant predicted disorder. The colour of the bar shows whether the residue is in the well-defined core (black) or in the ill-defined residue ranges (cyan), as described in section 2 on ensemble composition.If well-defined core and ill-defined regions are not identified then it is shown as gray bars.

Random coil index (RCI) for chain A:


RCI
0.0
0.1
0.2
0.3
0.4
0.5
1:LYS
7:GLU
13:ALA
19:ALA
25:ALA
31:PRO
37:LEU
43:MET
49:LYS
55:GLY
61:SER
67:PRO
73:ILE
79:THR
85:GLU
91:ILE
97:ASP
103:ARG
109:PRO
115:ALA
121:VAL
127:CYS
133:ASN
139:LEU
145:PRO
151:PHE
157:GLY
163:LYS
Auth_seq_ID

8 NMR restraints analysis

8.1 Conformationally restricting restraints

The following table provides the summary of experimentally observed NMR restraints in different categories. Restraints are classified into different categories based on the sequence separation of the atoms involved.

Description	Value
Total distance restraints	47379
Intra-residue (|i-j|=0)	10107
Sequential (|i-j|=1)	13282
Medium range (|i-j|>1 and |i-j|<5)	13148
Long range (|i-j|≥5)	10759
Inter-chain	0
Hydrogen bond restraints	67
Disulfide bond restraints	16
Total dihedral-angle restraints	183
Number of unmapped restraints	0
Number of restraints per residue	273.3
Number of long range restraints per residue[1]	61.9

[1]Long range hydrogen bonds and disulfide bonds are counted as long range restraints while calculating the number of long range restraints per residue

8.2 Residual restraint violations

This section provides the overview of the restraint violations analysis. The violations are binned as small, medium and large violations based on its absolute value. Average number of violations per model is calculated by dividing the total number of violations in each bin by the size of the ensemble.

8.2.1 Average number of distance violations per model

Distance violations less than 0.1 Å
are not included in the calculation.

Bins (Å)	Average number of violations per model	Max (Å)
0.1-0.2 (Small)	802.5	0.2
0.2-0.5 (Medium)	1331.7	0.5
>0.5 (Large)	1830.3	12.56

8.2.2 Average number of dihedral-angle violations per model (i)

Dihedral-angle violations less than 1° are not included in the calculation.

Bins (°)	Average number of violations per model	Max (°)
1.0-10.0 (Small)	24.9	9.63
10.0-20.0 (Medium)	None	None
>20.0 (Large)	None	None

9 Distance violation analysis (i)

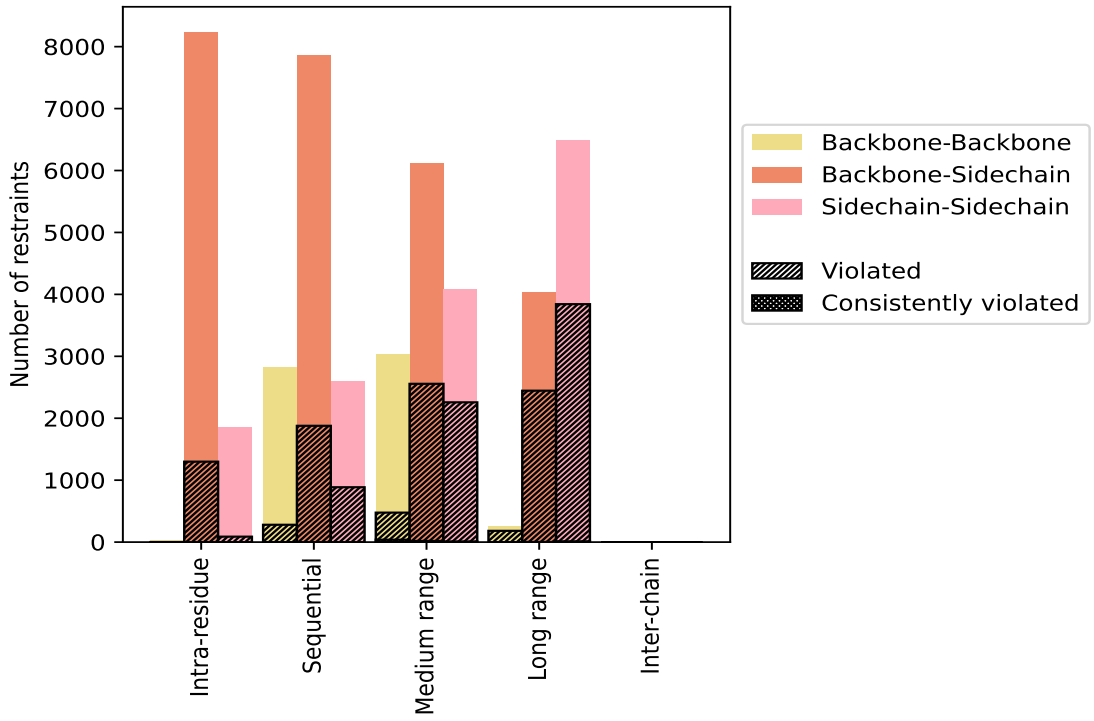
9.1 Summary of distance violations (i)

The following table shows the summary of distance violations in different restraint categories based on the sequence separation of the atoms involved. Each category is further sub-divided into three sub-categories based on the atoms involved. Violations less than 0.1 Å are not included in the statistics.

Restraints type	Count	%[1]	Violated[3]			Consistently Violated[4]		
			Count	%[2]	%[1]	Count	%[2]	%[1]
Intra-residue (|i-j|=0)	10107	21.3	1388	13.7	2.9	0	0.0	0.0
Backbone-Backbone	20	0.0	1	5.0	0.0	0	0.0	0.0
Backbone-Sidechain	8232	17.4	1299	15.8	2.7	0	0.0	0.0
Sidechain-Sidechain	1855	3.9	88	4.7	0.2	0	0.0	0.0
Sequential (|i-j|=1)	13282	28.0	3044	22.9	6.4	0	0.0	0.0
Backbone-Backbone	2826	6.0	280	9.9	0.6	0	0.0	0.0
Backbone-Sidechain	7857	16.6	1878	23.9	4.0	0	0.0	0.0
Sidechain-Sidechain	2599	5.5	886	34.1	1.9	0	0.0	0.0
Medium range (|i-j|>1 & |i-j|<5)	13148	27.8	5250	39.9	11.1	47	0.4	0.1
Backbone-Backbone	3026	6.4	476	15.7	1.0	39	1.3	0.1
Backbone-Sidechain	6043	12.8	2521	41.7	5.3	1	0.0	0.0
Sidechain-Sidechain	4079	8.6	2253	55.2	4.8	7	0.2	0.0
Long range (|i-j|≥5)	10759	22.7	6460	60.0	13.6	12	0.1	0.0
Backbone-Backbone	248	0.5	182	73.4	0.4	0	0.0	0.0
Backbone-Sidechain	4039	8.5	2445	60.5	5.2	3	0.1	0.0
Sidechain-Sidechain	6472	13.7	3833	59.2	8.1	9	0.1	0.0
Inter-chain	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Hydrogen bond	67	0.1	36	53.7	0.1	18	26.9	0.0
Disulfide bond	16	0.0	12	75.0	0.0	8	50.0	0.0
Total	47379	100.0	16190	34.2	34.2	85	0.2	0.2
Backbone-Backbone	6120	12.9	939	15.3	2.0	39	0.6	0.1
Backbone-Sidechain	26236	55.4	8178	31.2	17.3	22	0.1	0.0
Sidechain-Sidechain	15023	31.7	7073	47.1	14.9	24	0.2	0.1

[1] percentage calculated with respect to the total number of distance restraints, [2] percentage calculated with respect to the number of restraints in a particular restraint category, [3] violated in at least one model, [4] violated in all the models

9.1.1 Bar chart : Distribution of distance restraints and violations



Violated and consistently violated restraints are shown using different hatch patterns in their respective categories. The hydrogen bonds and disulfied bonds are counted in their appropriate category on the x-axis

9.2 Distance violation statistics for each model

The following table provides the distance violation statistics for each model in the ensemble. Violations less than 0.1 Å
are not included in the statistics.

Model ID	Number of violations						Mean (Å)	Max (Å)	SD[6] (Å)	Median (Å)
	IR[1]	SQ[2]	MR[3]	LR[4]	IC[5]	Total				
1	239	613	1099	1539	0	3490	0.77	8.36	0.89	0.45
2	244	633	1377	1614	0	3868	0.75	10.02	0.93	0.43
3	247	724	1557	1847	0	4375	0.82	11.71	1.04	0.46
4	382	544	1319	1665	0	3910	0.84	10.7	1.18	0.44
5	274	638	1324	1711	0	3947	0.71	9.19	0.86	0.42
6	388	729	1574	1954	0	4645	0.78	12.21	1.04	0.44
7	267	497	1452	1811	0	4027	0.88	9.28	1.13	0.46
8	242	599	1346	1639	0	3826	0.73	9.14	0.99	0.41
9	208	528	1354	1440	0	3530	0.84	12.56	1.11	0.46
10	256	656	1420	1925	0	4257	0.77	10.34	0.89	0.46

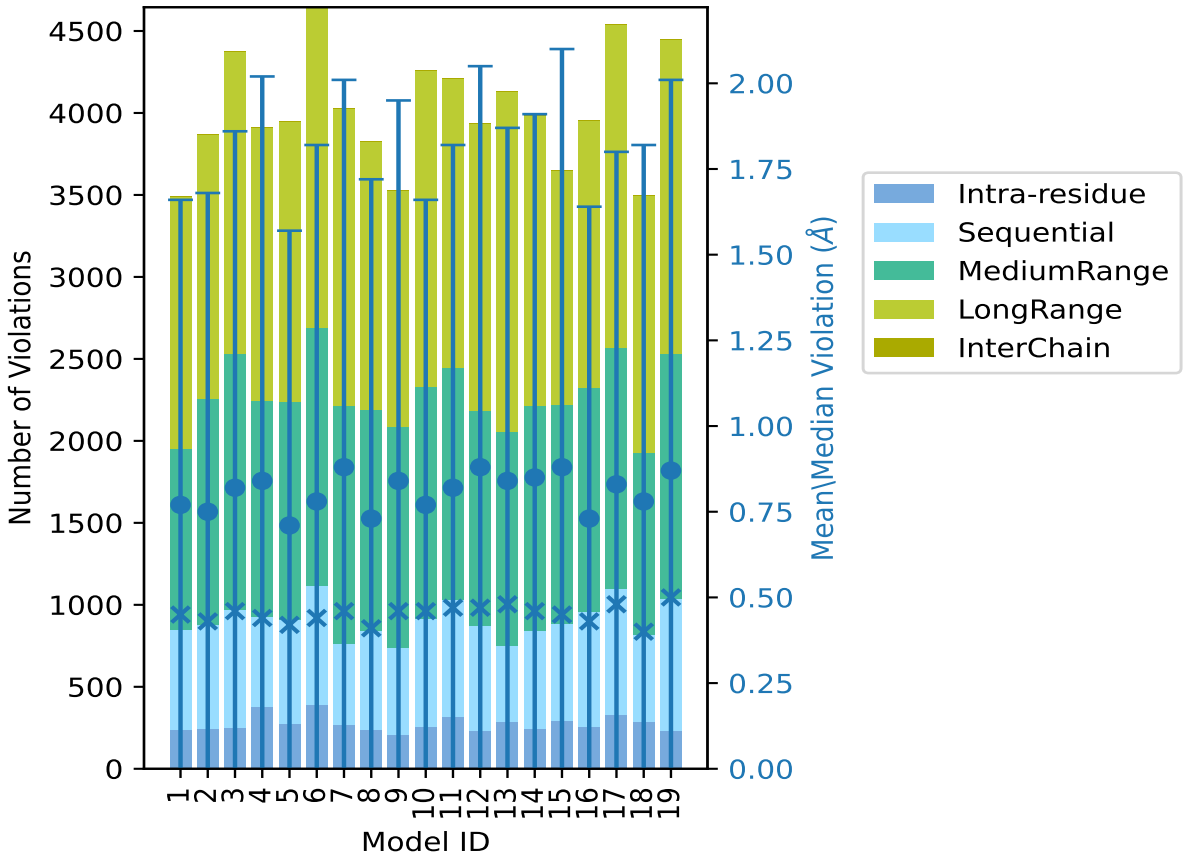
Continued on next page...

Continued from previous page...

Model ID	Number of violations						Mean (Å)	Max (Å)	SD[6] (Å)	Median (Å)
	IR[1]	SQ[2]	MR[3]	LR[4]	IC[5]	Total				
11	318	713	1415	1766	0	4212	0.82	10.49	1.0	0.47
12	233	638	1310	1756	0	3937	0.88	11.3	1.17	0.47
13	288	464	1303	2077	0	4132	0.84	10.19	1.03	0.48
14	243	597	1375	1771	0	3986	0.85	8.5	1.06	0.46
15	289	597	1337	1428	0	3651	0.88	11.24	1.22	0.45
16	260	697	1369	1631	0	3957	0.73	10.2	0.91	0.43
17	329	768	1471	1970	0	4538	0.83	9.05	0.97	0.48
18	286	532	1107	1573	0	3498	0.78	9.61	1.04	0.4
19	233	805	1495	1918	0	4451	0.87	12.19	1.14	0.5

[1]Intra-residue restraints, [2]Sequential restraints, [3]Medium range restraints, [4]Long range restraints, [5]Inter-chain restraints, [6]Standard deviation

9.2.1 Bar graph : Distance Violation statistics for each model



The mean(dot),median(x) and the standard deviation are shown in blue with respect to the y axis on the right

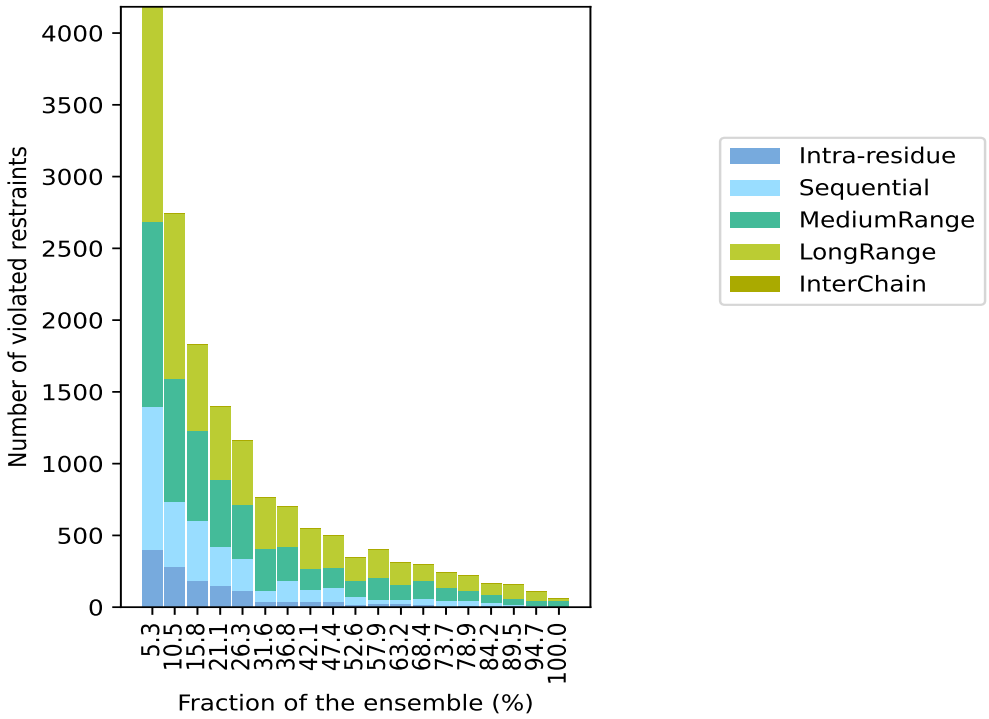
9.3 Distance violation statistics for the ensemble (i)

Violation analysis may find that some restraints are violated in few models and some are violated in most of models. The following table provides this information as number of violated restraints for a given fraction of the ensemble. In total, 31154(IR:8719, SQ:10238, MR:7898, LR:4299, IC:0) restraints are not violated in the ensemble.

Number of violated restraints						Fraction of the ensemble	
IR[1]	SQ[2]	MR[3]	LR[4]	IC[5]	Total	Count[6]	%
399	999	1286	1499	0	4183	1	5.3
280	454	857	1152	0	2743	2	10.5
187	413	627	601	0	1828	3	15.8
146	276	467	512	0	1401	4	21.1
113	222	381	446	0	1162	5	26.3
35	82	287	359	0	763	6	31.6
42	141	236	281	0	700	7	36.8
36	87	145	282	0	550	8	42.1
37	98	139	223	0	497	9	47.4
16	58	106	166	0	346	10	52.6
27	28	148	199	0	402	11	57.9
22	30	102	155	0	309	12	63.2
17	37	132	110	0	296	13	68.4
5	38	91	111	0	245	14	73.7
10	33	69	111	0	223	15	78.9
6	26	57	79	0	168	16	84.2
6	13	41	97	0	157	17	89.5
4	9	32	65	0	110	18	94.7
0	0	47	12	0	59	19	100.0

[1]Intra-residue restraints, [2]Sequential restraints, [3]Medium range restraints, [4]Long range restraints, [5]Inter-chain restraints, [6] Number of models with violations

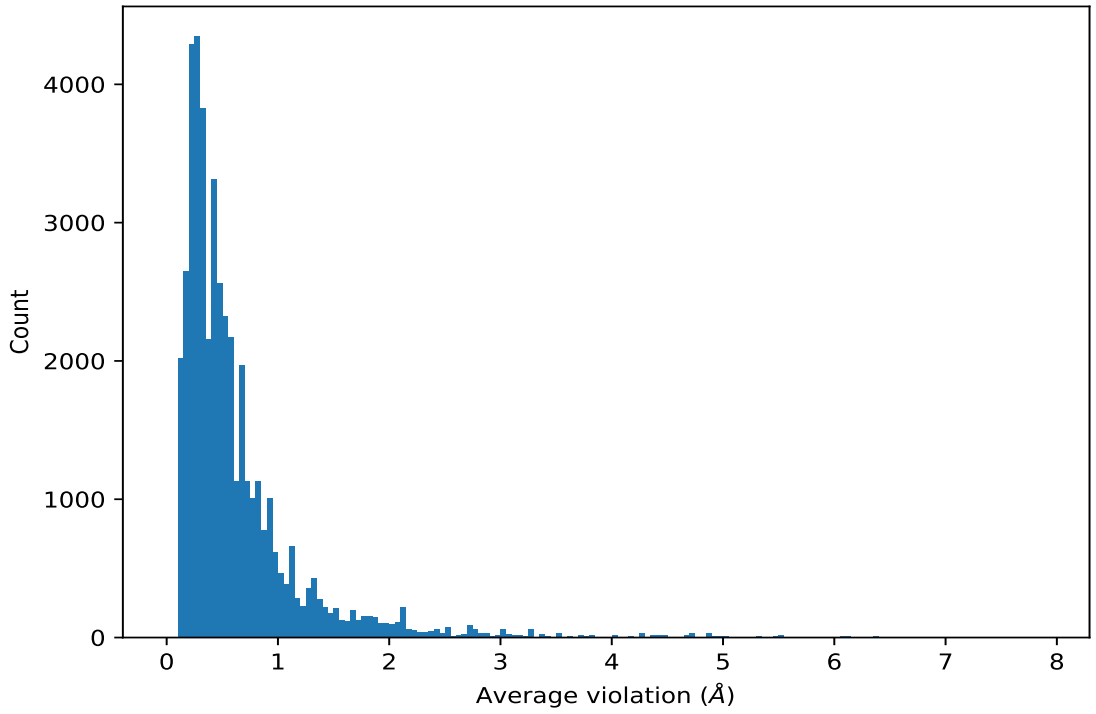
9.3.1 Bar graph : Distance violation statistics for the ensemble



9.4 Most violated distance restraints in the ensemble

9.4.1 Histogram : Distribution of mean distance violations

The following histogram shows the distribution of the average value of the violation. The average is calculated for each restraint that is violated in more than one model over all the violated models in the ensemble



9.4.2 Table: Most violated distance restraints (i)

The following table provides the mean and the standard deviation of theviolation for each restraint sorted by number of violated models and the mean value. The Key (restraint list ID, restraint ID) is the unique identifier for a given restraint. Rows with same key represent combinatorial or ambiguous restraints and are counted as a single restraint.

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(20,7)	1:56:A:CYS:SG	1:120:A:CYS:SG	19	5.68	0.78	5.69
(20,12)	1:59:A:CYS:SG	1:123:A:CYS:SG	19	5.64	1.15	5.96
(20,10)	1:56:A:CYS:SG	1:59:A:CYS:SG	19	5.49	0.33	5.49
(20,1)	1:120:A:CYS:SG	1:123:A:CYS:SG	19	5.38	1.18	5.42
(19,1)	1:120:A:CYS:SG	1:56:A:CYS:CB	19	4.71	0.71	4.85
(19,23)	1:59:A:CYS:SG	1:123:A:CYS:CB	19	4.66	0.89	4.8
(19,3)	1:120:A:CYS:SG	1:123:A:CYS:CB	19	4.44	0.82	4.4
(19,17)	1:56:A:CYS:SG	1:120:A:CYS:CB	19	4.2	0.95	4.44
(19,24)	1:59:A:CYS:SG	1:56:A:CYS:CB	19	4.15	0.18	4.18
(1,913)	1:66:A:THR:HG21	1:95:A:ILE:HB	19	4.14	1.28	4.57
(1,913)	1:66:A:THR:HG22	1:95:A:ILE:HB	19	4.14	1.28	4.57
(1,913)	1:66:A:THR:HG23	1:95:A:ILE:HB	19	4.14	1.28	4.57
(19,8)	1:123:A:CYS:SG	1:59:A:CYS:CB	19	3.86	1.13	4.11
(19,6)	1:123:A:CYS:SG	1:52:A:CYS:CB	19	3.69	1.78	4.5
(20,4)	1:52:A:CYS:SG	1:123:A:CYS:SG	19	3.49	2.25	3.94
(19,4)	1:123:A:CYS:SG	1:120:A:CYS:CB	19	3.41	1.17	3.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(19,21)	1:56:A:CYS:SG	1:59:A:CYS:CB	19	3.26	0.24	3.23
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD11	19	3.21	1.82	3.62
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD12	19	3.21	1.82	3.62
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD13	19	3.21	1.82	3.62
(19,14)	1:52:A:CYS:SG	1:123:A:CYS:CB	19	2.79	1.17	3.0
(20,2)	1:123:A:CYS:SG	1:127:A:CYS:SG	19	2.59	1.41	2.78
(9,1749)	1:39:A:VAL:HB	1:139:A:LEU:HA	19	2.45	1.24	2.83
(19,20)	1:56:A:CYS:SG	1:52:A:CYS:CB	19	2.28	0.6	2.07
(19,19)	1:56:A:CYS:SG	1:127:A:CYS:CB	19	2.03	1.25	1.86
(20,6)	1:52:A:CYS:SG	1:56:A:CYS:SG	19	2.03	0.93	1.93
(20,9)	1:56:A:CYS:SG	1:127:A:CYS:SG	19	2.02	1.21	1.65
(19,11)	1:127:A:CYS:SG	1:56:A:CYS:CB	19	1.9	0.92	1.8
(19,9)	1:127:A:CYS:SG	1:123:A:CYS:CB	19	1.78	0.42	1.85
(19,16)	1:52:A:CYS:SG	1:56:A:CYS:CB	19	1.29	0.77	1.15
(22,37)	1:120:A:CYS:H	1:116:A:GLN:C	19	0.9	0.03	0.91
(22,25)	1:114:A:ILE:H	1:110:A:MET:C	19	0.88	0.03	0.88
(22,23)	1:113:A:PHE:H	1:109:A:PRO:C	19	0.87	0.04	0.87
(22,26)	1:114:A:ILE:N	1:110:A:MET:C	19	0.85	0.03	0.86
(22,38)	1:120:A:CYS:N	1:116:A:GLN:C	19	0.85	0.03	0.85
(22,24)	1:113:A:PHE:N	1:109:A:PRO:C	19	0.83	0.05	0.83
(22,29)	1:116:A:GLN:H	1:112:A:GLN:C	19	0.83	0.08	0.84
(22,13)	1:60:A:LEU:H	1:56:A:CYS:C	19	0.8	0.06	0.81
(22,21)	1:107:A:LEU:H	1:103:A:ARG:C	19	0.79	0.13	0.84
(22,30)	1:116:A:GLN:N	1:112:A:GLN:C	19	0.78	0.07	0.8
(22,41)	1:129:A:LYS:H	1:125:A:THR:C	19	0.78	0.03	0.78
(22,31)	1:117:A:VAL:H	1:113:A:PHE:C	19	0.77	0.08	0.79
(22,14)	1:60:A:LEU:N	1:56:A:CYS:C	19	0.75	0.06	0.76
(22,42)	1:129:A:LYS:N	1:125:A:THR:C	19	0.75	0.03	0.75
(22,32)	1:117:A:VAL:N	1:113:A:PHE:C	19	0.74	0.08	0.76
(23,13)	1:114:A:ILE:N	1:110:A:MET:O	19	0.73	0.04	0.74
(23,12)	1:113:A:PHE:N	1:109:A:PRO:O	19	0.72	0.05	0.73
(22,35)	1:119:A:LEU:H	1:115:A:ALA:C	19	0.7	0.09	0.7
(11,583)	1:128:A:LEU:HD11	1:130:A:GLY:H	19	0.7	0.23	0.78
(11,583)	1:128:A:LEU:HD12	1:130:A:GLY:H	19	0.7	0.23	0.78
(11,583)	1:128:A:LEU:HD13	1:130:A:GLY:H	19	0.7	0.23	0.78
(23,10)	1:101:A:ILE:N	1:98:A:ILE:O	19	0.66	0.02	0.66
(22,9)	1:58:A:ILE:H	1:54:A:ARG:C	19	0.66	0.09	0.65
(23,19)	1:120:A:CYS:N	1:116:A:GLN:O	19	0.66	0.04	0.66
(22,39)	1:128:A:LEU:H	1:124:A:THR:C	19	0.65	0.15	0.69
(22,36)	1:119:A:LEU:N	1:115:A:ALA:C	19	0.64	0.1	0.64
(23,15)	1:116:A:GLN:N	1:112:A:GLN:O	19	0.62	0.08	0.64
(22,10)	1:58:A:ILE:N	1:54:A:ARG:C	19	0.61	0.09	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(22,1)	1:17:A:ASN:H	1:13:A:ALA:C	19	0.61	0.15	0.66
(23,16)	1:117:A:VAL:N	1:113:A:PHE:O	19	0.6	0.09	0.62
(22,40)	1:128:A:LEU:N	1:124:A:THR:C	19	0.59	0.15	0.64
(23,21)	1:129:A:LYS:N	1:125:A:THR:O	19	0.59	0.03	0.59
(23,7)	1:60:A:LEU:N	1:56:A:CYS:O	19	0.56	0.07	0.58
(22,33)	1:118:A:ASP:H	1:114:A:ILE:C	19	0.55	0.1	0.55
(22,2)	1:17:A:ASN:N	1:13:A:ALA:C	19	0.53	0.15	0.57
(23,18)	1:119:A:LEU:N	1:115:A:ALA:O	19	0.51	0.08	0.51
(22,5)	1:44:A:GLU:H	1:40:A:LEU:C	19	0.5	0.14	0.46
(22,11)	1:59:A:CYS:H	1:55:A:GLY:C	19	0.47	0.09	0.48
(22,6)	1:44:A:GLU:N	1:40:A:LEU:C	19	0.47	0.14	0.42
(22,34)	1:118:A:ASP:N	1:114:A:ILE:C	19	0.47	0.1	0.47
(22,15)	1:61:A:SER:H	1:57:A:LEU:C	19	0.45	0.08	0.41
(33,1509)	1:69:A:MET:HE1	1:115:A:ALA:H	19	0.44	0.25	0.35
(33,1509)	1:69:A:MET:HE2	1:115:A:ALA:H	19	0.44	0.25	0.35
(33,1509)	1:69:A:MET:HE3	1:115:A:ALA:H	19	0.44	0.25	0.35
(22,7)	1:45:A:ALA:H	1:41:A:LYS:C	19	0.43	0.08	0.41
(23,5)	1:58:A:ILE:N	1:54:A:ARG:O	19	0.42	0.11	0.42
(23,20)	1:128:A:LEU:N	1:124:A:THR:O	19	0.41	0.16	0.46
(23,1)	1:17:A:ASN:N	1:13:A:ALA:O	19	0.38	0.14	0.45
(22,17)	1:73:A:ILE:H	1:69:A:MET:C	19	0.38	0.09	0.35
(22,16)	1:61:A:SER:N	1:57:A:LEU:C	19	0.37	0.08	0.35
(22,12)	1:59:A:CYS:N	1:55:A:GLY:C	19	0.36	0.09	0.37
(22,27)	1:115:A:ALA:H	1:111:A:GLU:C	19	0.35	0.05	0.35
(22,8)	1:45:A:ALA:N	1:41:A:LYS:C	19	0.34	0.08	0.34
(23,2)	1:39:A:VAL:N	1:36:A:PRO:O	19	0.33	0.1	0.36
(23,4)	1:45:A:ALA:N	1:41:A:LYS:O	19	0.33	0.09	0.35
(22,18)	1:73:A:ILE:N	1:69:A:MET:C	19	0.3	0.11	0.29
(22,28)	1:115:A:ALA:N	1:111:A:GLU:C	19	0.28	0.05	0.28
(23,6)	1:59:A:CYS:N	1:55:A:GLY:O	19	0.28	0.11	0.31
(23,3)	1:44:A:GLU:N	1:40:A:LEU:O	19	0.27	0.16	0.21
(22,22)	1:107:A:LEU:N	1:103:A:ARG:C	19	0.27	0.12	0.24
(23,8)	1:61:A:SER:N	1:57:A:LEU:O	19	0.21	0.09	0.15
(24,23)	1:101:A:ILE:H	1:98:A:ILE:O	19	0.2	0.04	0.2
(22,19)	1:101:A:ILE:H	1:98:A:ILE:C	19	0.14	0.04	0.13
(1,192)	1:68:A:LYS:HE2	1:93:A:GLU:H	18	7.62	1.98	7.98
(1,192)	1:68:A:LYS:HE3	1:93:A:GLU:H	18	7.62	1.98	7.98
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG2	18	6.72	2.18	6.72
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG3	18	6.72	2.18	6.72
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG2	18	6.72	2.18	6.72
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG3	18	6.72	2.18	6.72
(7,1688)	1:20:A:THR:HG21	1:134:A:VAL:HB	18	6.49	2.24	6.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1688)	1:20:A:THR:HG22	1:134:A:VAL:HB	18	6.49	2.24	6.86
(7,1688)	1:20:A:THR:HG23	1:134:A:VAL:HB	18	6.49	2.24	6.86
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB2	18	5.52	1.77	5.54
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB3	18	5.52	1.77	5.54
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB2	18	5.52	1.77	5.54
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB3	18	5.52	1.77	5.54
(16,2060)	1:30:A:LEU:HD11	1:79:A:THR:HB	18	5.3	3.01	5.7
(16,2060)	1:30:A:LEU:HD12	1:79:A:THR:HB	18	5.3	3.01	5.7
(16,2060)	1:30:A:LEU:HD13	1:79:A:THR:HB	18	5.3	3.01	5.7
(16,2060)	1:30:A:LEU:HD21	1:79:A:THR:HB	18	5.3	3.01	5.7
(16,2060)	1:30:A:LEU:HD22	1:79:A:THR:HB	18	5.3	3.01	5.7
(16,2060)	1:30:A:LEU:HD23	1:79:A:THR:HB	18	5.3	3.01	5.7
(32,2034)	1:30:A:LEU:HD11	1:143:A:TRP:HZ3	18	4.94	1.37	4.51
(32,2034)	1:30:A:LEU:HD12	1:143:A:TRP:HZ3	18	4.94	1.37	4.51
(32,2034)	1:30:A:LEU:HD13	1:143:A:TRP:HZ3	18	4.94	1.37	4.51
(32,2034)	1:30:A:LEU:HD21	1:143:A:TRP:HZ3	18	4.94	1.37	4.51
(32,2034)	1:30:A:LEU:HD22	1:143:A:TRP:HZ3	18	4.94	1.37	4.51
(32,2034)	1:30:A:LEU:HD23	1:143:A:TRP:HZ3	18	4.94	1.37	4.51
(32,2035)	1:30:A:LEU:HD11	1:143:A:TRP:HH2	18	4.93	1.32	4.63
(32,2035)	1:30:A:LEU:HD12	1:143:A:TRP:HH2	18	4.93	1.32	4.63
(32,2035)	1:30:A:LEU:HD13	1:143:A:TRP:HH2	18	4.93	1.32	4.63
(32,2035)	1:30:A:LEU:HD21	1:143:A:TRP:HH2	18	4.93	1.32	4.63
(32,2035)	1:30:A:LEU:HD22	1:143:A:TRP:HH2	18	4.93	1.32	4.63
(32,2035)	1:30:A:LEU:HD23	1:143:A:TRP:HH2	18	4.93	1.32	4.63
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB2	18	4.68	1.83	4.65
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB3	18	4.68	1.83	4.65
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB2	18	4.68	1.83	4.65
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB3	18	4.68	1.83	4.65
(32,2033)	1:30:A:LEU:HD11	1:143:A:TRP:HE3	18	4.45	1.23	4.38
(32,2033)	1:30:A:LEU:HD12	1:143:A:TRP:HE3	18	4.45	1.23	4.38
(32,2033)	1:30:A:LEU:HD13	1:143:A:TRP:HE3	18	4.45	1.23	4.38
(32,2033)	1:30:A:LEU:HD21	1:143:A:TRP:HE3	18	4.45	1.23	4.38
(32,2033)	1:30:A:LEU:HD22	1:143:A:TRP:HE3	18	4.45	1.23	4.38
(32,2033)	1:30:A:LEU:HD23	1:143:A:TRP:HE3	18	4.45	1.23	4.38
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB2	18	4.43	1.89	5.06
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB3	18	4.43	1.89	5.06
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB2	18	4.43	1.89	5.06
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB3	18	4.43	1.89	5.06
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB2	18	4.43	1.89	5.06
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB3	18	4.43	1.89	5.06
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG2	18	4.43	2.02	5.21
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG3	18	4.43	2.02	5.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG2	18	4.43	2.02	5.21
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG3	18	4.43	2.02	5.21
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG2	18	4.43	2.02	5.21
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG3	18	4.43	2.02	5.21
(33,677)	1:20:A:THR:H	1:133:A:ASN:H	18	4.38	1.67	4.67
(18,2054)	1:30:A:LEU:HD11	1:136:A:CYS:HA	18	4.15	1.63	4.44
(18,2054)	1:30:A:LEU:HD12	1:136:A:CYS:HA	18	4.15	1.63	4.44
(18,2054)	1:30:A:LEU:HD13	1:136:A:CYS:HA	18	4.15	1.63	4.44
(18,2054)	1:30:A:LEU:HD21	1:136:A:CYS:HA	18	4.15	1.63	4.44
(18,2054)	1:30:A:LEU:HD22	1:136:A:CYS:HA	18	4.15	1.63	4.44
(18,2054)	1:30:A:LEU:HD23	1:136:A:CYS:HA	18	4.15	1.63	4.44
(32,839)	1:30:A:LEU:HB2	1:143:A:TRP:HZ3	18	3.83	1.49	3.31
(32,839)	1:30:A:LEU:HB3	1:143:A:TRP:HZ3	18	3.83	1.49	3.31
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG11	18	3.66	1.48	3.62
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG12	18	3.66	1.48	3.62
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG13	18	3.66	1.48	3.62
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG21	18	3.66	1.48	3.62
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG22	18	3.66	1.48	3.62
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG23	18	3.66	1.48	3.62
(32,1709)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	18	3.55	1.01	3.56
(32,1709)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	18	3.55	1.01	3.56
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	18	3.42	0.76	3.46
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	18	3.42	0.76	3.46
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	18	3.42	0.76	3.46
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	18	3.42	0.76	3.46
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD11	18	3.4	1.5	3.76
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD12	18	3.4	1.5	3.76
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD13	18	3.4	1.5	3.76
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD21	18	3.4	1.5	3.76
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD22	18	3.4	1.5	3.76
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD23	18	3.4	1.5	3.76
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG21	18	3.26	1.11	3.6
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG22	18	3.26	1.11	3.6
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG23	18	3.26	1.11	3.6
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD11	18	3.11	1.54	3.31
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD12	18	3.11	1.54	3.31
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD13	18	3.11	1.54	3.31
(32,1418)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	18	3.02	1.36	2.78
(32,1418)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	18	3.02	1.36	2.78
(32,1706)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	18	2.89	0.75	2.88
(32,1706)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	18	2.89	0.75	2.88
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE1	18	2.88	1.29	2.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE2	18	2.88	1.29	2.9
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE3	18	2.88	1.29	2.9
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG21	18	2.71	0.91	2.94
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG22	18	2.71	0.91	2.94
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG23	18	2.71	0.91	2.94
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG21	18	2.71	0.91	2.94
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG22	18	2.71	0.91	2.94
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG23	18	2.71	0.91	2.94
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG21	18	2.71	0.91	2.94
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG22	18	2.71	0.91	2.94
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG23	18	2.71	0.91	2.94
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE1	18	2.69	0.99	2.97
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE2	18	2.69	0.99	2.97
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB2	18	2.6	1.39	2.35
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB3	18	2.6	1.39	2.35
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB2	18	2.6	1.39	2.35
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB3	18	2.6	1.39	2.35
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB2	18	2.6	1.39	2.35
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB3	18	2.6	1.39	2.35
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD21	18	2.51	1.21	2.68
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD22	18	2.51	1.21	2.68
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD23	18	2.51	1.21	2.68
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD11	18	2.42	1.55	2.53
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD12	18	2.42	1.55	2.53
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD13	18	2.42	1.55	2.53
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD21	18	2.42	1.55	2.53
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD22	18	2.42	1.55	2.53
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD23	18	2.42	1.55	2.53
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD11	18	2.42	1.55	2.53
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD12	18	2.42	1.55	2.53
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD13	18	2.42	1.55	2.53
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD21	18	2.42	1.55	2.53
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD22	18	2.42	1.55	2.53
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD23	18	2.42	1.55	2.53
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD11	18	2.42	1.55	2.53
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD12	18	2.42	1.55	2.53
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD13	18	2.42	1.55	2.53
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD21	18	2.42	1.55	2.53
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD22	18	2.42	1.55	2.53
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD23	18	2.42	1.55	2.53
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	18	2.38	0.91	2.42
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	18	2.38	0.91	2.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	18	2.38	0.91	2.42
(3,992)	1:31:A:PRO:HB2	1:143:A:TRP:HA	18	2.35	1.41	2.17
(3,992)	1:31:A:PRO:HB3	1:143:A:TRP:HA	18	2.35	1.41	2.17
(34,908)	1:10:A:ASN:HD22	1:11:A:ILE:HB	18	2.31	0.73	2.08
(32,1084)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	18	2.28	0.95	2.22
(32,1084)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	18	2.28	0.95	2.22
(19,5)	1:123:A:CYS:SG	1:127:A:CYS:CB	18	2.27	1.13	2.88
(32,1707)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	18	2.24	1.07	2.04
(32,1707)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	18	2.24	1.07	2.04
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG11	18	2.2	1.04	1.98
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG12	18	2.2	1.04	1.98
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG13	18	2.2	1.04	1.98
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG21	18	2.2	1.04	1.98
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG22	18	2.2	1.04	1.98
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG23	18	2.2	1.04	1.98
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	18	2.17	1.4	2.22
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	18	2.17	1.4	2.22
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	18	2.17	1.4	2.22
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	18	2.17	1.4	2.22
(2,1136)	1:10:A:ASN:HD22	1:80:A:TYR:HA	18	2.15	0.72	2.05
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE1	18	2.12	0.84	2.12
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE2	18	2.12	0.84	2.12
(3,1643)	1:22:A:ASP:H	1:24:A:ASP:HA	18	2.05	0.5	2.27
(11,1943)	1:11:A:ILE:HD11	1:18:A:PHE:HZ	18	2.05	0.82	2.09
(11,1943)	1:11:A:ILE:HD12	1:18:A:PHE:HZ	18	2.05	0.82	2.09
(11,1943)	1:11:A:ILE:HD13	1:18:A:PHE:HZ	18	2.05	0.82	2.09
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	18	2.03	0.82	2.24
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	18	2.03	0.82	2.24
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	18	2.03	0.82	2.24
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	18	2.03	0.82	2.24
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	18	2.03	0.82	2.24
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	18	2.03	0.82	2.24
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	18	2.03	0.82	2.24
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	18	2.03	0.82	2.24
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	18	2.03	0.82	2.24
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	18	2.03	0.82	2.24
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	18	2.03	0.82	2.24
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	18	2.03	0.82	2.24
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	18	2.03	0.82	2.24
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	18	2.03	0.82	2.24
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	18	2.03	0.82	2.24
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	18	2.03	0.82	2.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	18	2.03	0.82	2.24
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	18	2.03	0.82	2.24
(18,514)	1:101:A:ILE:HG13	1:105:A:LYS:H	18	1.94	0.22	1.92
(13,1848)	1:64:A:LYS:HD2	1:104:A:PHE:HZ	18	1.94	0.64	2.04
(13,1848)	1:64:A:LYS:HD3	1:104:A:PHE:HZ	18	1.94	0.64	2.04
(34,572)	1:10:A:ASN:HD21	1:11:A:ILE:HB	18	1.93	0.85	1.8
(7,1209)	1:79:A:THR:HG21	1:81:A:GLU:HA	18	1.87	0.6	1.96
(7,1209)	1:79:A:THR:HG22	1:81:A:GLU:HA	18	1.87	0.6	1.96
(7,1209)	1:79:A:THR:HG23	1:81:A:GLU:HA	18	1.87	0.6	1.96
(13,877)	1:13:A:ALA:H	1:80:A:TYR:HB2	18	1.78	0.8	1.68
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG11	18	1.77	0.77	1.74
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG12	18	1.77	0.77	1.74
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG13	18	1.77	0.77	1.74
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG21	18	1.77	0.77	1.74
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG22	18	1.77	0.77	1.74
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG23	18	1.77	0.77	1.74
(15,762)	1:13:A:ALA:HB1	1:34:A:LYS:H	18	1.67	0.87	1.41
(15,762)	1:13:A:ALA:HB2	1:34:A:LYS:H	18	1.67	0.87	1.41
(15,762)	1:13:A:ALA:HB3	1:34:A:LYS:H	18	1.67	0.87	1.41
(29,1711)	1:53:A:THR:H	1:124:A:THR:HB	18	1.64	0.8	1.6
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	18	1.58	0.71	1.59
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	18	1.58	0.71	1.59
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	18	1.58	0.71	1.59
(3,662)	1:100:A:ALA:H	1:119:A:LEU:HG	18	1.56	0.35	1.6
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG21	18	1.56	0.08	1.53
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG22	18	1.56	0.08	1.53
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG23	18	1.56	0.08	1.53
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD11	18	1.53	0.42	1.5
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD12	18	1.53	0.42	1.5
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD13	18	1.53	0.42	1.5
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD21	18	1.53	0.42	1.5
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD22	18	1.53	0.42	1.5
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD23	18	1.53	0.42	1.5
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD1	18	1.49	0.16	1.5
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD2	18	1.49	0.16	1.5
(5,916)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	18	1.47	0.6	1.33
(11,2177)	1:46:A:ASN:HD21	1:131:A:LEU:HA	18	1.43	0.42	1.44
(11,2177)	1:46:A:ASN:HD22	1:131:A:LEU:HA	18	1.43	0.42	1.44
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB1	18	1.42	0.61	1.58
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB2	18	1.42	0.61	1.58
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB3	18	1.42	0.61	1.58
(16,1533)	1:69:A:MET:HE1	1:76:A:ARG:HB2	18	1.36	0.56	1.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1533)	1:69:A:MET:HE2	1:76:A:ARG:HB2	18	1.36	0.56	1.27
(16,1533)	1:69:A:MET:HE3	1:76:A:ARG:HB2	18	1.36	0.56	1.27
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD11	18	1.32	0.39	1.35
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD12	18	1.32	0.39	1.35
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD13	18	1.32	0.39	1.35
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD21	18	1.32	0.39	1.35
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD22	18	1.32	0.39	1.35
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD23	18	1.32	0.39	1.35
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD11	18	1.32	0.39	1.35
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD12	18	1.32	0.39	1.35
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD13	18	1.32	0.39	1.35
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD21	18	1.32	0.39	1.35
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD22	18	1.32	0.39	1.35
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD23	18	1.32	0.39	1.35
(15,920)	1:125:A:THR:HB	1:128:A:LEU:HG	18	1.31	0.56	1.5
(3,1689)	1:69:A:MET:HE1	1:116:A:GLN:HG3	18	1.22	0.58	1.26
(3,1689)	1:69:A:MET:HE2	1:116:A:GLN:HG3	18	1.22	0.58	1.26
(3,1689)	1:69:A:MET:HE3	1:116:A:GLN:HG3	18	1.22	0.58	1.26
(15,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	18	1.2	0.46	1.31
(15,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	18	1.2	0.46	1.31
(15,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	18	1.2	0.46	1.31
(15,812)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	18	1.2	0.42	1.4
(15,812)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	18	1.2	0.42	1.4
(15,812)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	18	1.2	0.42	1.4
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB2	18	1.18	0.44	1.2
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB3	18	1.18	0.44	1.2
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB2	18	1.18	0.44	1.2
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB3	18	1.18	0.44	1.2
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD21	18	1.14	0.25	1.14
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD22	18	1.14	0.25	1.14
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD23	18	1.14	0.25	1.14
(33,573)	1:16:A:SER:H	1:131:A:LEU:HB3	18	1.14	0.9	1.08
(18,671)	1:101:A:ILE:HB	1:103:A:ARG:H	18	1.13	0.31	1.13
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE21	18	1.12	0.54	1.06
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE22	18	1.12	0.54	1.06
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE21	18	1.12	0.54	1.06
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE22	18	1.12	0.54	1.06
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG2	18	1.1	0.69	1.14
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG3	18	1.1	0.69	1.14
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG2	18	1.1	0.69	1.14
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG3	18	1.1	0.69	1.14
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG2	18	1.1	0.69	1.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG3	18	1.1	0.69	1.14
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	18	1.08	0.64	0.76
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	18	1.08	0.64	0.76
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	18	1.08	0.64	0.76
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	18	1.08	0.64	0.76
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	18	1.08	0.64	0.76
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	18	1.08	0.64	0.76
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB2	18	1.08	0.63	0.96
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB3	18	1.08	0.63	0.96
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD21	18	1.07	0.4	1.23
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD22	18	1.07	0.4	1.23
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD23	18	1.07	0.4	1.23
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD21	18	1.02	0.36	1.13
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD22	18	1.02	0.36	1.13
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD23	18	1.02	0.36	1.13
(33,742)	1:105:A:LYS:HG3	1:112:A:GLN:HE22	18	0.97	0.42	1.0
(3,278)	1:113:A:PHE:H	1:116:A:GLN:HG3	18	0.89	0.47	0.84
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	18	0.84	0.2	0.93
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	18	0.84	0.2	0.93
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	18	0.84	0.2	0.93
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	18	0.84	0.2	0.93
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	18	0.84	0.2	0.93
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	18	0.84	0.2	0.93
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG11	18	0.84	0.55	0.67
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG12	18	0.84	0.55	0.67
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG13	18	0.84	0.55	0.67
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG21	18	0.84	0.55	0.67
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG22	18	0.84	0.55	0.67
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG23	18	0.84	0.55	0.67
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE1	18	0.79	0.23	0.85
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE2	18	0.79	0.23	0.85
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE3	18	0.79	0.23	0.85
(3,1696)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	18	0.79	0.54	0.75
(3,1696)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	18	0.79	0.54	0.75
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD1	18	0.75	0.23	0.7
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD2	18	0.75	0.23	0.7
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	18	0.73	0.16	0.74
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	18	0.73	0.16	0.74
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	18	0.73	0.16	0.74
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	18	0.73	0.16	0.74
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	18	0.73	0.16	0.74
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	18	0.73	0.16	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,630)	1:9:A:PHE:HE1	1:15:A:ALA:H	18	0.73	0.29	0.77
(5,630)	1:9:A:PHE:HE2	1:15:A:ALA:H	18	0.73	0.29	0.77
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	18	0.72	0.23	0.72
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	18	0.72	0.23	0.72
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	18	0.72	0.23	0.72
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	18	0.72	0.23	0.72
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	18	0.72	0.23	0.72
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	18	0.72	0.23	0.72
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	18	0.72	0.23	0.72
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	18	0.72	0.23	0.72
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	18	0.72	0.23	0.72
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE1	18	0.72	0.15	0.74
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE2	18	0.72	0.15	0.74
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE3	18	0.72	0.15	0.74
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG21	18	0.71	0.06	0.71
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG22	18	0.71	0.06	0.71
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG23	18	0.71	0.06	0.71
(5,1623)	1:73:A:ILE:HG21	1:111:A:GLU:H	18	0.7	0.21	0.76
(5,1623)	1:73:A:ILE:HG22	1:111:A:GLU:H	18	0.7	0.21	0.76
(5,1623)	1:73:A:ILE:HG23	1:111:A:GLU:H	18	0.7	0.21	0.76
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB2	18	0.7	0.36	0.57
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB3	18	0.7	0.36	0.57
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG21	18	0.7	0.43	0.48
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG22	18	0.7	0.43	0.48
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG23	18	0.7	0.43	0.48
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	18	0.69	0.25	0.68
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	18	0.69	0.25	0.68
(18,516)	1:101:A:ILE:HD11	1:105:A:LYS:H	18	0.69	0.16	0.68
(18,516)	1:101:A:ILE:HD12	1:105:A:LYS:H	18	0.69	0.16	0.68
(18,516)	1:101:A:ILE:HD13	1:105:A:LYS:H	18	0.69	0.16	0.68
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE1	18	0.64	0.31	0.68
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE2	18	0.64	0.31	0.68
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE3	18	0.64	0.31	0.68
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD11	18	0.62	0.11	0.64
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD12	18	0.62	0.11	0.64
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD13	18	0.62	0.11	0.64
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG21	18	0.59	0.2	0.55
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG22	18	0.59	0.2	0.55
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG23	18	0.59	0.2	0.55
(5,2059)	1:35:A:LEU:HD11	1:38:A:GLU:H	18	0.59	0.28	0.7
(5,2059)	1:35:A:LEU:HD12	1:38:A:GLU:H	18	0.59	0.28	0.7
(5,2059)	1:35:A:LEU:HD13	1:38:A:GLU:H	18	0.59	0.28	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,2059)	1:35:A:LEU:HD21	1:38:A:GLU:H	18	0.59	0.28	0.7
(5,2059)	1:35:A:LEU:HD22	1:38:A:GLU:H	18	0.59	0.28	0.7
(5,2059)	1:35:A:LEU:HD23	1:38:A:GLU:H	18	0.59	0.28	0.7
(7,2042)	1:35:A:LEU:HD11	1:38:A:GLU:H	18	0.59	0.28	0.7
(7,2042)	1:35:A:LEU:HD12	1:38:A:GLU:H	18	0.59	0.28	0.7
(7,2042)	1:35:A:LEU:HD13	1:38:A:GLU:H	18	0.59	0.28	0.7
(7,2042)	1:35:A:LEU:HD21	1:38:A:GLU:H	18	0.59	0.28	0.7
(7,2042)	1:35:A:LEU:HD22	1:38:A:GLU:H	18	0.59	0.28	0.7
(7,2042)	1:35:A:LEU:HD23	1:38:A:GLU:H	18	0.59	0.28	0.7
(11,2087)	1:35:A:LEU:HD11	1:38:A:GLU:H	18	0.59	0.28	0.7
(11,2087)	1:35:A:LEU:HD12	1:38:A:GLU:H	18	0.59	0.28	0.7
(11,2087)	1:35:A:LEU:HD13	1:38:A:GLU:H	18	0.59	0.28	0.7
(11,2087)	1:35:A:LEU:HD21	1:38:A:GLU:H	18	0.59	0.28	0.7
(11,2087)	1:35:A:LEU:HD22	1:38:A:GLU:H	18	0.59	0.28	0.7
(11,2087)	1:35:A:LEU:HD23	1:38:A:GLU:H	18	0.59	0.28	0.7
(16,2083)	1:35:A:LEU:HD11	1:38:A:GLU:H	18	0.59	0.28	0.7
(16,2083)	1:35:A:LEU:HD12	1:38:A:GLU:H	18	0.59	0.28	0.7
(16,2083)	1:35:A:LEU:HD13	1:38:A:GLU:H	18	0.59	0.28	0.7
(16,2083)	1:35:A:LEU:HD21	1:38:A:GLU:H	18	0.59	0.28	0.7
(16,2083)	1:35:A:LEU:HD22	1:38:A:GLU:H	18	0.59	0.28	0.7
(16,2083)	1:35:A:LEU:HD23	1:38:A:GLU:H	18	0.59	0.28	0.7
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB2	18	0.53	0.3	0.5
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB3	18	0.53	0.3	0.5
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB2	18	0.53	0.3	0.5
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB3	18	0.53	0.3	0.5
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB2	18	0.53	0.3	0.5
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB3	18	0.53	0.3	0.5
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	18	0.52	0.24	0.48
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	18	0.52	0.24	0.48
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	18	0.52	0.24	0.48
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD11	18	0.52	0.19	0.52
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD12	18	0.52	0.19	0.52
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD13	18	0.52	0.19	0.52
(7,292)	1:121:A:VAL:H	1:123:A:CYS:H	18	0.51	0.13	0.48
(5,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	18	0.45	0.13	0.44
(5,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	18	0.45	0.13	0.44
(18,485)	1:48:A:ARG:HA	1:53:A:THR:H	18	0.44	0.22	0.4
(7,1554)	1:101:A:ILE:HD11	1:112:A:GLN:HA	18	0.41	0.17	0.44
(7,1554)	1:101:A:ILE:HD12	1:112:A:GLN:HA	18	0.41	0.17	0.44
(7,1554)	1:101:A:ILE:HD13	1:112:A:GLN:HA	18	0.41	0.17	0.44
(18,166)	1:95:A:ILE:H	1:95:A:ILE:HB	18	0.4	0.33	0.27
(22,3)	1:39:A:VAL:H	1:36:A:PRO:C	18	0.37	0.1	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(23,17)	1:118:A:ASP:N	1:114:A:ILE:O	18	0.34	0.1	0.32
(22,4)	1:39:A:VAL:N	1:36:A:PRO:C	18	0.24	0.08	0.24
(11,493)	1:8:A:ASP:HB2	1:9:A:PHE:H	18	0.24	0.05	0.24
(18,1407)	1:101:A:ILE:HG21	1:102:A:PRO:HD3	18	0.22	0.09	0.2
(18,1407)	1:101:A:ILE:HG22	1:102:A:PRO:HD3	18	0.22	0.09	0.2
(18,1407)	1:101:A:ILE:HG23	1:102:A:PRO:HD3	18	0.22	0.09	0.2
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG21	18	0.21	0.01	0.21
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG22	18	0.21	0.01	0.21
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG23	18	0.21	0.01	0.21
(24,29)	1:114:A:ILE:H	1:110:A:MET:O	18	0.17	0.02	0.17
(5,748)	1:43:A:MET:HE1	1:147:A:ARG:HE	17	7.83	3.8	8.06
(5,748)	1:43:A:MET:HE2	1:147:A:ARG:HE	17	7.83	3.8	8.06
(5,748)	1:43:A:MET:HE3	1:147:A:ARG:HE	17	7.83	3.8	8.06
(17,756)	1:43:A:MET:HE1	1:147:A:ARG:HE	17	7.57	3.8	7.8
(17,756)	1:43:A:MET:HE2	1:147:A:ARG:HE	17	7.57	3.8	7.8
(17,756)	1:43:A:MET:HE3	1:147:A:ARG:HE	17	7.57	3.8	7.8
(7,742)	1:20:A:THR:HB	1:134:A:VAL:H	17	7.49	1.82	7.94
(1,763)	1:20:A:THR:HB	1:134:A:VAL:H	17	7.27	1.82	7.72
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD2	17	6.66	2.81	7.68
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD3	17	6.66	2.81	7.68
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD2	17	6.66	2.81	7.68
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD3	17	6.66	2.81	7.68
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD2	17	6.66	2.81	7.68
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD3	17	6.66	2.81	7.68
(1,1736)	1:20:A:THR:HG21	1:134:A:VAL:HB	17	6.26	1.77	6.37
(1,1736)	1:20:A:THR:HG22	1:134:A:VAL:HB	17	6.26	1.77	6.37
(1,1736)	1:20:A:THR:HG23	1:134:A:VAL:HB	17	6.26	1.77	6.37
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG2	17	6.07	1.74	5.54
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG3	17	6.07	1.74	5.54
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG2	17	6.07	1.74	5.54
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG3	17	6.07	1.74	5.54
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD2	17	5.98	2.84	6.25
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD3	17	5.98	2.84	6.25
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD2	17	5.98	2.84	6.25
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD3	17	5.98	2.84	6.25
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD2	17	5.98	2.84	6.25
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD3	17	5.98	2.84	6.25
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD2	17	5.52	2.81	6.54
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD3	17	5.52	2.81	6.54
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD2	17	5.52	2.81	6.54
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD3	17	5.52	2.81	6.54
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD2	17	5.52	2.81	6.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD3	17	5.52	2.81	6.54
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG11	17	4.75	1.18	4.71
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG12	17	4.75	1.18	4.71
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG13	17	4.75	1.18	4.71
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG21	17	4.75	1.18	4.71
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG22	17	4.75	1.18	4.71
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG23	17	4.75	1.18	4.71
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD11	17	4.74	1.99	5.38
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD12	17	4.74	1.99	5.38
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD13	17	4.74	1.99	5.38
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD21	17	4.74	1.99	5.38
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD22	17	4.74	1.99	5.38
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD23	17	4.74	1.99	5.38
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD11	17	4.74	1.99	5.38
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD12	17	4.74	1.99	5.38
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD13	17	4.74	1.99	5.38
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD21	17	4.74	1.99	5.38
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD22	17	4.74	1.99	5.38
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD23	17	4.74	1.99	5.38
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG11	17	4.7	1.17	4.79
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG12	17	4.7	1.17	4.79
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG13	17	4.7	1.17	4.79
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG21	17	4.7	1.17	4.79
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG22	17	4.7	1.17	4.79
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG23	17	4.7	1.17	4.79
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG11	17	4.7	1.17	4.79
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG12	17	4.7	1.17	4.79
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG13	17	4.7	1.17	4.79
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG21	17	4.7	1.17	4.79
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG22	17	4.7	1.17	4.79
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG23	17	4.7	1.17	4.79
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG11	17	4.7	1.17	4.79
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG12	17	4.7	1.17	4.79
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG13	17	4.7	1.17	4.79
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG21	17	4.7	1.17	4.79
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG22	17	4.7	1.17	4.79
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG23	17	4.7	1.17	4.79
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG11	17	4.47	1.18	4.43
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG12	17	4.47	1.18	4.43
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG13	17	4.47	1.18	4.43
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG21	17	4.47	1.18	4.43
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG22	17	4.47	1.18	4.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG23	17	4.47	1.18	4.43
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE1	17	4.44	1.81	4.41
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE2	17	4.44	1.81	4.41
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE3	17	4.44	1.81	4.41
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE1	17	4.44	1.81	4.41
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE2	17	4.44	1.81	4.41
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE3	17	4.44	1.81	4.41
(16,1615)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	17	4.42	2.29	4.13
(33,1618)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	17	4.42	2.29	4.13
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	17	4.38	1.56	4.05
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	17	4.38	1.56	4.05
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	17	4.38	1.56	4.05
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	17	4.38	1.56	4.05
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	17	4.38	1.56	4.05
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	17	4.38	1.56	4.05
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	17	4.38	1.56	4.05
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	17	4.38	1.56	4.05
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	17	4.38	1.56	4.05
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG11	17	4.29	1.17	4.38
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG12	17	4.29	1.17	4.38
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG13	17	4.29	1.17	4.38
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG21	17	4.29	1.17	4.38
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG22	17	4.29	1.17	4.38
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG23	17	4.29	1.17	4.38
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG11	17	4.29	1.17	4.38
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG12	17	4.29	1.17	4.38
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG13	17	4.29	1.17	4.38
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG21	17	4.29	1.17	4.38
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG22	17	4.29	1.17	4.38
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG23	17	4.29	1.17	4.38
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG11	17	4.29	1.17	4.38
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG12	17	4.29	1.17	4.38
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG13	17	4.29	1.17	4.38
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG21	17	4.29	1.17	4.38
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG22	17	4.29	1.17	4.38
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG23	17	4.29	1.17	4.38
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG21	17	4.02	1.17	4.11
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG22	17	4.02	1.17	4.11
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG23	17	4.02	1.17	4.11
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG21	17	4.02	1.17	4.11
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG22	17	4.02	1.17	4.11
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG23	17	4.02	1.17	4.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG21	17	4.02	1.17	4.11
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG22	17	4.02	1.17	4.11
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG23	17	4.02	1.17	4.11
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG11	17	4.02	1.17	4.11
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG12	17	4.02	1.17	4.11
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG13	17	4.02	1.17	4.11
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG11	17	4.02	1.17	4.11
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG12	17	4.02	1.17	4.11
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG13	17	4.02	1.17	4.11
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG11	17	4.02	1.17	4.11
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG12	17	4.02	1.17	4.11
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG13	17	4.02	1.17	4.11
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD21	17	3.85	1.61	3.72
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD22	17	3.85	1.61	3.72
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD23	17	3.85	1.61	3.72
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	17	3.81	1.9	3.6
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	17	3.81	1.9	3.6
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	17	3.81	1.9	3.6
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	17	3.81	1.9	3.6
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	17	3.81	1.9	3.6
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	17	3.81	1.9	3.6
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	17	3.81	1.9	3.6
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	17	3.81	1.9	3.6
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	17	3.81	1.9	3.6
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	17	3.81	1.9	3.6
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	17	3.81	1.9	3.6
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	17	3.81	1.9	3.6
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	17	3.81	1.9	3.6
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	17	3.81	1.9	3.6
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	17	3.81	1.9	3.6
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	17	3.81	1.9	3.6
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	17	3.81	1.9	3.6
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	17	3.81	1.9	3.6
(16,1716)	1:21:A:THR:HG21	1:147:A:ARG:HE	17	3.8	2.49	3.4
(16,1716)	1:21:A:THR:HG22	1:147:A:ARG:HE	17	3.8	2.49	3.4
(16,1716)	1:21:A:THR:HG23	1:147:A:ARG:HE	17	3.8	2.49	3.4
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD11	17	3.79	2.09	3.3
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD12	17	3.79	2.09	3.3
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD13	17	3.79	2.09	3.3
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD21	17	3.79	2.09	3.3
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD22	17	3.79	2.09	3.3
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD23	17	3.79	2.09	3.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE1	17	3.78	1.59	3.79
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE2	17	3.78	1.59	3.79
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE3	17	3.78	1.59	3.79
(15,70)	1:33:A:LYS:HB2	1:81:A:GLU:H	17	3.74	1.34	4.18
(15,70)	1:33:A:LYS:HB3	1:81:A:GLU:H	17	3.74	1.34	4.18
(30,66)	1:33:A:LYS:HB2	1:81:A:GLU:H	17	3.74	1.34	4.18
(30,66)	1:33:A:LYS:HB3	1:81:A:GLU:H	17	3.74	1.34	4.18
(1,1626)	1:21:A:THR:HB	1:24:A:ASP:HA	17	3.62	1.22	4.04
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE1	17	3.6	1.81	3.57
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE2	17	3.6	1.81	3.57
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE3	17	3.6	1.81	3.57
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE1	17	3.6	1.81	3.57
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE2	17	3.6	1.81	3.57
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE3	17	3.6	1.81	3.57
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG21	17	3.52	1.17	3.61
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG22	17	3.52	1.17	3.61
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG23	17	3.52	1.17	3.61
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG21	17	3.52	1.17	3.61
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG22	17	3.52	1.17	3.61
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG23	17	3.52	1.17	3.61
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG21	17	3.52	1.17	3.61
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG22	17	3.52	1.17	3.61
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG23	17	3.52	1.17	3.61
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG11	17	3.52	1.17	3.61
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG12	17	3.52	1.17	3.61
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG13	17	3.52	1.17	3.61
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG11	17	3.52	1.17	3.61
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG12	17	3.52	1.17	3.61
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG13	17	3.52	1.17	3.61
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG11	17	3.52	1.17	3.61
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG12	17	3.52	1.17	3.61
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG13	17	3.52	1.17	3.61
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG21	17	3.1	0.3	3.07
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG22	17	3.1	0.3	3.07
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG23	17	3.1	0.3	3.07
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG11	17	3.03	0.88	3.05
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG12	17	3.03	0.88	3.05
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG13	17	3.03	0.88	3.05
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG21	17	3.03	0.88	3.05
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG22	17	3.03	0.88	3.05
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG23	17	3.03	0.88	3.05
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE1	17	2.95	1.59	2.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE2	17	2.95	1.59	2.96
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE3	17	2.95	1.59	2.96
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD11	17	2.9	2.07	3.24
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD12	17	2.9	2.07	3.24
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD13	17	2.9	2.07	3.24
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD11	17	2.9	2.07	3.24
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD12	17	2.9	2.07	3.24
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD13	17	2.9	2.07	3.24
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD11	17	2.9	2.07	3.24
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD12	17	2.9	2.07	3.24
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD13	17	2.9	2.07	3.24
(2,1645)	1:12:A:VAL:HA	1:80:A:TYR:HB3	17	2.87	0.98	2.82
(13,1596)	1:12:A:VAL:HA	1:80:A:TYR:HB3	17	2.87	0.98	2.82
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG21	17	2.79	0.3	2.76
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG22	17	2.79	0.3	2.76
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG23	17	2.79	0.3	2.76
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE1	17	2.74	1.22	2.47
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE2	17	2.74	1.22	2.47
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE3	17	2.74	1.22	2.47
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE1	17	2.74	1.22	2.47
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE2	17	2.74	1.22	2.47
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE3	17	2.74	1.22	2.47
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE1	17	2.74	1.22	2.47
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE2	17	2.74	1.22	2.47
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE3	17	2.74	1.22	2.47
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE1	17	2.74	1.22	2.47
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE2	17	2.74	1.22	2.47
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE3	17	2.74	1.22	2.47
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	17	2.53	0.8	2.77
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	17	2.53	0.8	2.77
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	17	2.53	0.8	2.77
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	17	2.53	0.8	2.77
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	17	2.53	0.8	2.77
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	17	2.53	0.8	2.77
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	17	2.53	0.8	2.77
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	17	2.53	0.8	2.77
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	17	2.53	0.8	2.77
(18,908)	1:67:A:PRO:HD3	1:95:A:ILE:HB	17	2.53	1.47	2.9
(5,2470)	1:144:A:LEU:HD11	1:147:A:ARG:HA	17	2.46	1.21	3.08
(5,2470)	1:144:A:LEU:HD12	1:147:A:ARG:HA	17	2.46	1.21	3.08
(5,2470)	1:144:A:LEU:HD13	1:147:A:ARG:HA	17	2.46	1.21	3.08
(5,2470)	1:144:A:LEU:HD21	1:147:A:ARG:HA	17	2.46	1.21	3.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,2470)	1:144:A:LEU:HD22	1:147:A:ARG:HA	17	2.46	1.21	3.08
(5,2470)	1:144:A:LEU:HD23	1:147:A:ARG:HA	17	2.46	1.21	3.08
(15,2493)	1:144:A:LEU:HD11	1:147:A:ARG:HA	17	2.46	1.21	3.08
(15,2493)	1:144:A:LEU:HD12	1:147:A:ARG:HA	17	2.46	1.21	3.08
(15,2493)	1:144:A:LEU:HD13	1:147:A:ARG:HA	17	2.46	1.21	3.08
(15,2493)	1:144:A:LEU:HD21	1:147:A:ARG:HA	17	2.46	1.21	3.08
(15,2493)	1:144:A:LEU:HD22	1:147:A:ARG:HA	17	2.46	1.21	3.08
(15,2493)	1:144:A:LEU:HD23	1:147:A:ARG:HA	17	2.46	1.21	3.08
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG21	17	2.29	0.96	2.5
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG22	17	2.29	0.96	2.5
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG23	17	2.29	0.96	2.5
(16,673)	1:110:A:MET:H	1:111:A:GLU:HG2	17	2.28	0.31	2.36
(5,1026)	1:112:A:GLN:HG2	1:113:A:PHE:HA	17	2.25	0.07	2.26
(5,1026)	1:112:A:GLN:HG3	1:113:A:PHE:HA	17	2.25	0.07	2.26
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD11	17	2.23	1.12	2.12
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD12	17	2.23	1.12	2.12
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD13	17	2.23	1.12	2.12
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD21	17	2.23	1.12	2.12
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD22	17	2.23	1.12	2.12
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD23	17	2.23	1.12	2.12
(1,662)	1:96:A:VAL:HA	1:116:A:GLN:HE22	17	2.21	0.94	2.33
(18,667)	1:96:A:VAL:HA	1:116:A:GLN:HE22	17	2.21	0.94	2.33
(29,660)	1:96:A:VAL:HA	1:116:A:GLN:HE22	17	2.21	0.94	2.33
(13,85)	1:30:A:LEU:H	1:144:A:LEU:HA	17	2.19	0.59	2.17
(13,1846)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	17	2.15	0.98	1.96
(13,1846)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	17	2.15	0.98	1.96
(11,2075)	1:32:A:GLY:HA2	1:81:A:GLU:H	17	2.11	1.28	1.91
(11,2075)	1:32:A:GLY:HA3	1:81:A:GLU:H	17	2.11	1.28	1.91
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG21	17	2.11	0.96	2.32
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG22	17	2.11	0.96	2.32
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG23	17	2.11	0.96	2.32
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD11	17	2.03	1.01	1.72
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD12	17	2.03	1.01	1.72
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD13	17	2.03	1.01	1.72
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD21	17	2.03	1.01	1.72
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD22	17	2.03	1.01	1.72
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD23	17	2.03	1.01	1.72
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD11	17	2.03	1.01	1.72
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD12	17	2.03	1.01	1.72
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD13	17	2.03	1.01	1.72
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD21	17	2.03	1.01	1.72
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD22	17	2.03	1.01	1.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD23	17	2.03	1.01	1.72
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	17	1.98	1.24	2.18
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	17	1.98	1.24	2.18
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	17	1.98	1.24	2.18
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	17	1.98	1.24	2.18
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	17	1.98	1.24	2.18
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	17	1.98	1.24	2.18
(1,1076)	1:66:A:THR:HG21	1:95:A:ILE:HA	17	1.87	0.8	2.01
(1,1076)	1:66:A:THR:HG22	1:95:A:ILE:HA	17	1.87	0.8	2.01
(1,1076)	1:66:A:THR:HG23	1:95:A:ILE:HA	17	1.87	0.8	2.01
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	17	1.86	0.8	2.1
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	17	1.86	0.8	2.1
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	17	1.86	0.8	2.1
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	17	1.86	0.8	2.1
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	17	1.86	0.8	2.1
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	17	1.86	0.8	2.1
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	17	1.86	0.8	2.1
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	17	1.86	0.8	2.1
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	17	1.86	0.8	2.1
(1,648)	1:66:A:THR:H	1:96:A:VAL:H	17	1.84	0.78	1.91
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD21	17	1.77	0.91	1.68
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD22	17	1.77	0.91	1.68
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD23	17	1.77	0.91	1.68
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD21	17	1.77	0.91	1.68
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD22	17	1.77	0.91	1.68
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD23	17	1.77	0.91	1.68
(18,1684)	1:43:A:MET:HE1	1:131:A:LEU:HB3	17	1.7	1.23	1.37
(18,1684)	1:43:A:MET:HE2	1:131:A:LEU:HB3	17	1.7	1.23	1.37
(18,1684)	1:43:A:MET:HE3	1:131:A:LEU:HB3	17	1.7	1.23	1.37
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	17	1.68	0.75	1.8
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	17	1.68	0.75	1.8
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	17	1.68	0.75	1.8
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	17	1.68	0.75	1.8
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	17	1.68	0.75	1.8
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	17	1.68	0.75	1.8
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	17	1.68	0.75	1.8
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	17	1.68	0.75	1.8
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	17	1.68	0.75	1.8
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	17	1.68	0.75	1.8
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	17	1.68	0.75	1.8
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	17	1.68	0.75	1.8
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	17	1.68	0.75	1.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	17	1.68	0.75	1.8
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	17	1.68	0.75	1.8
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	17	1.68	0.75	1.8
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	17	1.68	0.75	1.8
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	17	1.68	0.75	1.8
(2,1643)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	17	1.67	0.67	1.69
(4,213)	1:44:A:GLU:HG2	1:48:A:ARG:H	17	1.62	0.56	1.61
(16,1899)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	17	1.62	0.58	1.86
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD1	17	1.6	0.03	1.61
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD2	17	1.6	0.03	1.61
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD1	17	1.6	0.03	1.61
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD2	17	1.6	0.03	1.61
(5,2120)	1:40:A:LEU:HB2	1:44:A:GLU:HG3	17	1.54	0.73	1.69
(5,2120)	1:40:A:LEU:HB3	1:44:A:GLU:HG3	17	1.54	0.73	1.69
(1,1638)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	17	1.53	0.67	1.55
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	17	1.53	0.32	1.6
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	17	1.53	0.32	1.6
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	17	1.53	0.32	1.6
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	17	1.53	0.32	1.6
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	17	1.53	0.32	1.6
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	17	1.53	0.32	1.6
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	17	1.53	0.32	1.6
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	17	1.53	0.32	1.6
(11,1422)	1:56:A:CYS:HA	1:120:A:CYS:HA	17	1.51	0.52	1.65
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE1	17	1.45	0.73	1.64
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE2	17	1.45	0.73	1.64
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE1	17	1.45	0.73	1.64
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE2	17	1.45	0.73	1.64
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE1	17	1.45	0.73	1.64
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE2	17	1.45	0.73	1.64
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE1	17	1.45	0.73	1.64
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE2	17	1.45	0.73	1.64
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD2	17	1.44	0.87	1.37
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD3	17	1.44	0.87	1.37
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD2	17	1.44	0.87	1.37
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD3	17	1.44	0.87	1.37
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD2	17	1.44	0.87	1.37
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD3	17	1.44	0.87	1.37
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD11	17	1.38	0.73	1.29
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD12	17	1.38	0.73	1.29
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD13	17	1.38	0.73	1.29
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD21	17	1.38	0.73	1.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD22	17	1.38	0.73	1.29
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD23	17	1.38	0.73	1.29
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD2	17	1.38	0.87	1.31
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD3	17	1.38	0.87	1.31
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD2	17	1.38	0.87	1.31
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD3	17	1.38	0.87	1.31
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD2	17	1.38	0.87	1.31
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD3	17	1.38	0.87	1.31
(1,1595)	1:98:A:ILE:HD11	1:115:A:ALA:H	17	1.37	0.3	1.49
(1,1595)	1:98:A:ILE:HD12	1:115:A:ALA:H	17	1.37	0.3	1.49
(1,1595)	1:98:A:ILE:HD13	1:115:A:ALA:H	17	1.37	0.3	1.49
(15,1575)	1:98:A:ILE:HD11	1:115:A:ALA:H	17	1.37	0.3	1.49
(15,1575)	1:98:A:ILE:HD12	1:115:A:ALA:H	17	1.37	0.3	1.49
(15,1575)	1:98:A:ILE:HD13	1:115:A:ALA:H	17	1.37	0.3	1.49
(3,807)	1:11:A:ILE:HD11	1:43:A:MET:HG3	17	1.33	0.79	1.17
(3,807)	1:11:A:ILE:HD12	1:43:A:MET:HG3	17	1.33	0.79	1.17
(3,807)	1:11:A:ILE:HD13	1:43:A:MET:HG3	17	1.33	0.79	1.17
(4,1867)	1:18:A:PHE:HE1	1:61:A:SER:H	17	1.32	0.49	1.22
(4,1867)	1:18:A:PHE:HE2	1:61:A:SER:H	17	1.32	0.49	1.22
(15,1874)	1:18:A:PHE:HE1	1:61:A:SER:H	17	1.32	0.49	1.22
(15,1874)	1:18:A:PHE:HE2	1:61:A:SER:H	17	1.32	0.49	1.22
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD11	17	1.31	0.5	1.32
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD12	17	1.31	0.5	1.32
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD13	17	1.31	0.5	1.32
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE1	17	1.27	0.58	1.24
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE2	17	1.27	0.58	1.24
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE1	17	1.27	0.58	1.24
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE2	17	1.27	0.58	1.24
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE1	17	1.27	0.58	1.24
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE2	17	1.27	0.58	1.24
(16,350)	1:111:A:GLU:H	1:111:A:GLU:HG2	17	1.25	0.29	1.38
(9,1451)	1:13:A:ALA:HB1	1:78:A:HIS:HA	17	1.24	0.43	1.22
(9,1451)	1:13:A:ALA:HB2	1:78:A:HIS:HA	17	1.24	0.43	1.22
(9,1451)	1:13:A:ALA:HB3	1:78:A:HIS:HA	17	1.24	0.43	1.22
(19,7)	1:123:A:CYS:SG	1:56:A:CYS:CB	17	1.24	1.03	0.71
(3,811)	1:11:A:ILE:HD11	1:43:A:MET:HG2	17	1.23	0.73	1.27
(3,811)	1:11:A:ILE:HD12	1:43:A:MET:HG2	17	1.23	0.73	1.27
(3,811)	1:11:A:ILE:HD13	1:43:A:MET:HG2	17	1.23	0.73	1.27
(18,1731)	1:112:A:GLN:HG2	1:113:A:PHE:HA	17	1.19	0.07	1.2
(18,1731)	1:112:A:GLN:HG3	1:113:A:PHE:HA	17	1.19	0.07	1.2
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG2	17	1.19	0.25	1.21
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG3	17	1.19	0.25	1.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG2	17	1.19	0.25	1.21
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG3	17	1.19	0.25	1.21
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG2	17	1.19	0.25	1.21
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG3	17	1.19	0.25	1.21
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	17	1.15	0.64	1.07
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	17	1.15	0.64	1.07
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	17	1.15	0.64	1.07
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	17	1.15	0.64	1.07
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	17	1.15	0.64	1.07
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	17	1.15	0.64	1.07
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	17	1.15	0.64	1.07
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	17	1.15	0.64	1.07
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	17	1.15	0.64	1.07
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD11	17	1.14	0.41	1.09
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD12	17	1.14	0.41	1.09
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD13	17	1.14	0.41	1.09
(5,887)	1:11:A:ILE:HB	1:44:A:GLU:HG3	17	1.14	0.4	1.21
(16,727)	1:63:A:ILE:HG12	1:116:A:GLN:HE22	17	1.14	0.4	1.25
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD21	17	1.13	0.39	1.15
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD22	17	1.13	0.39	1.15
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD21	17	1.13	0.39	1.15
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD22	17	1.13	0.39	1.15
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD21	17	1.13	0.39	1.15
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD22	17	1.13	0.39	1.15
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG21	17	1.12	0.41	1.11
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG22	17	1.12	0.41	1.11
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG23	17	1.12	0.41	1.11
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG21	17	1.12	0.41	1.11
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG22	17	1.12	0.41	1.11
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG23	17	1.12	0.41	1.11
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	17	1.11	0.3	1.16
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	17	1.11	0.3	1.16
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	17	1.11	0.3	1.16
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	17	1.11	0.3	1.16
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	17	1.11	0.3	1.16
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	17	1.11	0.3	1.16
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	17	1.11	0.3	1.16
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	17	1.11	0.3	1.16
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	17	1.11	0.3	1.16
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	17	1.11	0.3	1.16
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	17	1.11	0.3	1.16
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	17	1.11	0.3	1.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	17	1.11	0.3	1.16
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	17	1.11	0.3	1.16
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	17	1.11	0.3	1.16
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	17	1.11	0.3	1.16
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	17	1.11	0.3	1.16
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	17	1.11	0.3	1.16
(1,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	17	1.06	0.41	1.12
(1,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	17	1.06	0.41	1.12
(1,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	17	1.06	0.41	1.12
(3,1481)	1:13:A:ALA:HB1	1:78:A:HIS:HA	17	1.06	0.43	1.04
(3,1481)	1:13:A:ALA:HB2	1:78:A:HIS:HA	17	1.06	0.43	1.04
(3,1481)	1:13:A:ALA:HB3	1:78:A:HIS:HA	17	1.06	0.43	1.04
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	17	1.06	0.37	1.19
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	17	1.06	0.37	1.19
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	17	1.06	0.37	1.19
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	17	1.06	0.37	1.19
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	17	1.06	0.37	1.19
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	17	1.06	0.37	1.19
(3,1040)	1:113:A:PHE:HA	1:116:A:GLN:HG3	17	1.05	0.66	1.1
(18,1643)	1:69:A:MET:HE1	1:116:A:GLN:HG3	17	1.05	0.54	1.07
(18,1643)	1:69:A:MET:HE2	1:116:A:GLN:HG3	17	1.05	0.54	1.07
(18,1643)	1:69:A:MET:HE3	1:116:A:GLN:HG3	17	1.05	0.54	1.07
(5,936)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	17	0.99	0.68	0.83
(5,936)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	17	0.99	0.68	0.83
(3,425)	1:100:A:ALA:H	1:119:A:LEU:HB3	17	0.97	0.32	0.99
(13,417)	1:100:A:ALA:H	1:119:A:LEU:HB3	17	0.97	0.32	0.99
(18,942)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	17	0.96	0.68	0.8
(18,942)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	17	0.96	0.68	0.8
(1,1722)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	17	0.94	0.5	1.2
(7,1675)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	17	0.94	0.5	1.2
(18,1697)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	17	0.94	0.5	1.2
(29,1729)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	17	0.94	0.5	1.2
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	17	0.92	0.21	0.96
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	17	0.92	0.21	0.96
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	17	0.92	0.21	0.96
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	17	0.92	0.21	0.96
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	17	0.92	0.21	0.96
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	17	0.92	0.21	0.96
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	17	0.92	0.21	0.96
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	17	0.92	0.21	0.96
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	17	0.92	0.21	0.96
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	17	0.92	0.21	0.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	17	0.92	0.21	0.96
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	17	0.92	0.21	0.96
(30,1166)	1:140:A:LEU:HD21	1:144:A:LEU:H	17	0.92	0.42	1.06
(30,1166)	1:140:A:LEU:HD22	1:144:A:LEU:H	17	0.92	0.42	1.06
(30,1166)	1:140:A:LEU:HD23	1:144:A:LEU:H	17	0.92	0.42	1.06
(18,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	17	0.91	0.24	0.99
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	17	0.91	0.21	0.95
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	17	0.91	0.21	0.95
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	17	0.91	0.21	0.95
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	17	0.91	0.21	0.95
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	17	0.91	0.21	0.95
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	17	0.91	0.21	0.95
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	17	0.91	0.21	0.95
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	17	0.91	0.21	0.95
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	17	0.91	0.21	0.95
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	17	0.91	0.21	0.95
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	17	0.91	0.21	0.95
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	17	0.91	0.21	0.95
(15,817)	1:98:A:ILE:HD11	1:104:A:PHE:HB2	17	0.84	0.36	0.79
(15,817)	1:98:A:ILE:HD12	1:104:A:PHE:HB2	17	0.84	0.36	0.79
(15,817)	1:98:A:ILE:HD13	1:104:A:PHE:HB2	17	0.84	0.36	0.79
(5,228)	1:112:A:GLN:HG2	1:114:A:ILE:H	17	0.84	0.09	0.85
(5,228)	1:112:A:GLN:HG3	1:114:A:ILE:H	17	0.84	0.09	0.85
(18,107)	1:69:A:MET:H	1:69:A:MET:HE1	17	0.83	0.28	0.85
(18,107)	1:69:A:MET:H	1:69:A:MET:HE2	17	0.83	0.28	0.85
(18,107)	1:69:A:MET:H	1:69:A:MET:HE3	17	0.83	0.28	0.85
(15,1904)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	17	0.79	0.49	0.76
(15,1904)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	17	0.79	0.49	0.76
(34,1935)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	17	0.79	0.49	0.76
(34,1935)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	17	0.79	0.49	0.76
(30,1059)	1:54:A:ARG:HA	1:58:A:ILE:HG13	17	0.78	0.72	0.58
(4,1843)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	17	0.74	0.48	0.55
(4,1843)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	17	0.74	0.48	0.55
(2,617)	1:23:A:LEU:HD21	1:25:A:ALA:H	17	0.7	0.1	0.73
(2,617)	1:23:A:LEU:HD22	1:25:A:ALA:H	17	0.7	0.1	0.73
(2,617)	1:23:A:LEU:HD23	1:25:A:ALA:H	17	0.7	0.1	0.73
(4,610)	1:23:A:LEU:HD21	1:25:A:ALA:H	17	0.7	0.1	0.73
(4,610)	1:23:A:LEU:HD22	1:25:A:ALA:H	17	0.7	0.1	0.73
(4,610)	1:23:A:LEU:HD23	1:25:A:ALA:H	17	0.7	0.1	0.73
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	17	0.69	0.3	0.74
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	17	0.69	0.3	0.74
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	17	0.69	0.3	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	17	0.69	0.3	0.74
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	17	0.69	0.3	0.74
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	17	0.69	0.3	0.74
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	17	0.69	0.3	0.74
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	17	0.69	0.3	0.74
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	17	0.69	0.3	0.74
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD11	17	0.66	0.3	0.58
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD12	17	0.66	0.3	0.58
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD13	17	0.66	0.3	0.58
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD21	17	0.66	0.3	0.58
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD22	17	0.66	0.3	0.58
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD23	17	0.66	0.3	0.58
(6,38)	1:98:A:ILE:H	1:105:A:LYS:HA	17	0.64	0.33	0.6
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD1	17	0.6	0.29	0.61
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD2	17	0.6	0.29	0.61
(2,2056)	1:23:A:LEU:HD11	1:25:A:ALA:H	17	0.6	0.13	0.58
(2,2056)	1:23:A:LEU:HD12	1:25:A:ALA:H	17	0.6	0.13	0.58
(2,2056)	1:23:A:LEU:HD13	1:25:A:ALA:H	17	0.6	0.13	0.58
(2,2056)	1:23:A:LEU:HD21	1:25:A:ALA:H	17	0.6	0.13	0.58
(2,2056)	1:23:A:LEU:HD22	1:25:A:ALA:H	17	0.6	0.13	0.58
(2,2056)	1:23:A:LEU:HD23	1:25:A:ALA:H	17	0.6	0.13	0.58
(4,2036)	1:23:A:LEU:HD11	1:25:A:ALA:H	17	0.6	0.13	0.58
(4,2036)	1:23:A:LEU:HD12	1:25:A:ALA:H	17	0.6	0.13	0.58
(4,2036)	1:23:A:LEU:HD13	1:25:A:ALA:H	17	0.6	0.13	0.58
(4,2036)	1:23:A:LEU:HD21	1:25:A:ALA:H	17	0.6	0.13	0.58
(4,2036)	1:23:A:LEU:HD22	1:25:A:ALA:H	17	0.6	0.13	0.58
(4,2036)	1:23:A:LEU:HD23	1:25:A:ALA:H	17	0.6	0.13	0.58
(7,2197)	1:63:A:ILE:HG12	1:117:A:VAL:H	17	0.59	0.29	0.54
(7,2197)	1:63:A:ILE:HG13	1:117:A:VAL:H	17	0.59	0.29	0.54
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE1	17	0.58	0.32	0.51
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE2	17	0.58	0.32	0.51
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE3	17	0.58	0.32	0.51
(18,239)	1:112:A:GLN:HG2	1:114:A:ILE:H	17	0.52	0.09	0.53
(18,239)	1:112:A:GLN:HG3	1:114:A:ILE:H	17	0.52	0.09	0.53
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG21	17	0.52	0.2	0.53
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG22	17	0.52	0.2	0.53
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG23	17	0.52	0.2	0.53
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG21	17	0.52	0.2	0.53
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG22	17	0.52	0.2	0.53
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG23	17	0.52	0.2	0.53
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG21	17	0.52	0.2	0.53
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG22	17	0.52	0.2	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG23	17	0.52	0.2	0.53
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	17	0.49	0.27	0.43
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	17	0.49	0.27	0.43
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	17	0.49	0.27	0.43
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	17	0.49	0.27	0.43
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	17	0.49	0.27	0.43
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	17	0.49	0.27	0.43
(1,1345)	1:125:A:THR:HG21	1:128:A:LEU:HB2	17	0.46	0.14	0.5
(1,1345)	1:125:A:THR:HG22	1:128:A:LEU:HB2	17	0.46	0.14	0.5
(1,1345)	1:125:A:THR:HG23	1:128:A:LEU:HB2	17	0.46	0.14	0.5
(7,776)	1:63:A:ILE:HD11	1:64:A:LYS:H	17	0.45	0.11	0.45
(7,776)	1:63:A:ILE:HD12	1:64:A:LYS:H	17	0.45	0.11	0.45
(7,776)	1:63:A:ILE:HD13	1:64:A:LYS:H	17	0.45	0.11	0.45
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD11	17	0.45	0.09	0.46
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD12	17	0.45	0.09	0.46
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD13	17	0.45	0.09	0.46
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD21	17	0.45	0.09	0.46
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD22	17	0.45	0.09	0.46
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD23	17	0.45	0.09	0.46
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD11	17	0.45	0.09	0.46
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD12	17	0.45	0.09	0.46
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD13	17	0.45	0.09	0.46
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD21	17	0.45	0.09	0.46
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD22	17	0.45	0.09	0.46
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD23	17	0.45	0.09	0.46
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD11	17	0.45	0.09	0.46
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD12	17	0.45	0.09	0.46
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD13	17	0.45	0.09	0.46
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD21	17	0.45	0.09	0.46
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD22	17	0.45	0.09	0.46
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD23	17	0.45	0.09	0.46
(18,783)	1:101:A:ILE:HD11	1:104:A:PHE:H	17	0.41	0.21	0.4
(18,783)	1:101:A:ILE:HD12	1:104:A:PHE:H	17	0.41	0.21	0.4
(18,783)	1:101:A:ILE:HD13	1:104:A:PHE:H	17	0.41	0.21	0.4
(16,2371)	1:116:A:GLN:HG2	1:117:A:VAL:HA	17	0.38	0.07	0.41
(16,2371)	1:116:A:GLN:HG3	1:117:A:VAL:HA	17	0.38	0.07	0.41
(32,2365)	1:116:A:GLN:HG2	1:117:A:VAL:HA	17	0.38	0.07	0.41
(32,2365)	1:116:A:GLN:HG3	1:117:A:VAL:HA	17	0.38	0.07	0.41
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG11	17	0.37	0.07	0.35
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG12	17	0.37	0.07	0.35
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG13	17	0.37	0.07	0.35
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG21	17	0.37	0.07	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG22	17	0.37	0.07	0.35
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG23	17	0.37	0.07	0.35
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB1	17	0.36	0.19	0.35
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB2	17	0.36	0.19	0.35
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB3	17	0.36	0.19	0.35
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG11	17	0.36	0.07	0.34
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG12	17	0.36	0.07	0.34
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG13	17	0.36	0.07	0.34
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG21	17	0.36	0.07	0.34
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG22	17	0.36	0.07	0.34
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG23	17	0.36	0.07	0.34
(32,1440)	1:101:A:ILE:HG21	1:116:A:GLN:H	17	0.36	0.23	0.28
(32,1440)	1:101:A:ILE:HG22	1:116:A:GLN:H	17	0.36	0.23	0.28
(32,1440)	1:101:A:ILE:HG23	1:116:A:GLN:H	17	0.36	0.23	0.28
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD11	17	0.35	0.13	0.32
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD12	17	0.35	0.13	0.32
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD13	17	0.35	0.13	0.32
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD21	17	0.35	0.13	0.32
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD22	17	0.35	0.13	0.32
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD23	17	0.35	0.13	0.32
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG21	17	0.32	0.04	0.33
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG22	17	0.32	0.04	0.33
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG23	17	0.32	0.04	0.33
(34,911)	1:94:A:ALA:HA	1:95:A:ILE:HB	17	0.3	0.14	0.26
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG11	17	0.28	0.01	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG12	17	0.28	0.01	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG13	17	0.28	0.01	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG11	17	0.28	0.01	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG12	17	0.28	0.01	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG13	17	0.28	0.01	0.28
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD11	17	0.27	0.13	0.23
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD12	17	0.27	0.13	0.23
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD13	17	0.27	0.13	0.23
(9,534)	1:70:A:LYS:HB2	1:72:A:PHE:H	17	0.26	0.1	0.27
(9,534)	1:70:A:LYS:HB3	1:72:A:PHE:H	17	0.26	0.1	0.27
(2,236)	1:47:A:ALA:HB1	1:50:A:ALA:H	17	0.2	0.07	0.18
(2,236)	1:47:A:ALA:HB2	1:50:A:ALA:H	17	0.2	0.07	0.18
(2,236)	1:47:A:ALA:HB3	1:50:A:ALA:H	17	0.2	0.07	0.18
(4,1655)	1:125:A:THR:HA	1:128:A:LEU:HA	17	0.2	0.12	0.17
(34,1688)	1:125:A:THR:HA	1:128:A:LEU:HA	17	0.2	0.12	0.17
(24,27)	1:113:A:PHE:H	1:109:A:PRO:O	17	0.18	0.02	0.18
(18,1439)	1:31:A:PRO:HD3	1:140:A:LEU:HG	16	6.09	1.64	6.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	16	4.59	2.19	4.96
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	16	4.59	2.19	4.96
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	16	4.59	2.19	4.96
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	16	4.59	2.19	4.96
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	16	4.48	2.12	4.95
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	16	4.48	2.12	4.95
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	16	4.48	2.12	4.95
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	16	4.48	2.12	4.95
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	16	4.27	2.5	3.76
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	16	4.27	2.5	3.76
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	16	4.27	2.5	3.76
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	16	4.27	2.5	3.76
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	16	4.27	2.5	3.76
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	16	4.27	2.5	3.76
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	16	4.27	2.5	3.76
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	16	4.27	2.5	3.76
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	16	4.27	2.5	3.76
(7,1690)	1:21:A:THR:HG21	1:147:A:ARG:HE	16	3.73	2.4	3.28
(7,1690)	1:21:A:THR:HG22	1:147:A:ARG:HE	16	3.73	2.4	3.28
(7,1690)	1:21:A:THR:HG23	1:147:A:ARG:HE	16	3.73	2.4	3.28
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	16	3.7	1.69	4.14
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	16	3.7	1.69	4.14
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	16	3.7	1.69	4.14
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	16	3.7	1.69	4.14
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	16	3.7	1.69	4.14
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	16	3.7	1.69	4.14
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD2	16	3.46	2.18	3.32
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD3	16	3.46	2.18	3.32
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD2	16	3.46	2.18	3.32
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD3	16	3.46	2.18	3.32
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD2	16	3.46	2.18	3.32
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD3	16	3.46	2.18	3.32
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG21	16	3.32	1.93	3.15
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG22	16	3.32	1.93	3.15
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG23	16	3.32	1.93	3.15
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG21	16	3.32	1.93	3.15
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG22	16	3.32	1.93	3.15
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG23	16	3.32	1.93	3.15
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD11	16	3.29	1.75	3.23
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD12	16	3.29	1.75	3.23
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD13	16	3.29	1.75	3.23
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD21	16	3.29	1.75	3.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD22	16	3.29	1.75	3.23
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD23	16	3.29	1.75	3.23
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	16	3.29	1.79	3.06
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	16	3.29	1.79	3.06
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	16	3.29	1.79	3.06
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	16	3.29	1.79	3.06
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	16	3.29	1.79	3.06
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	16	3.29	1.79	3.06
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	16	3.29	1.79	3.06
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	16	3.29	1.79	3.06
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	16	3.29	1.79	3.06
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	16	3.29	1.79	3.06
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	16	3.29	1.79	3.06
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	16	3.29	1.79	3.06
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	16	3.29	1.79	3.06
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	16	3.29	1.79	3.06
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	16	3.29	1.79	3.06
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	16	3.29	1.79	3.06
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	16	3.29	1.79	3.06
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	16	3.29	1.79	3.06
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG2	16	3.24	1.92	4.02
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG3	16	3.24	1.92	4.02
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD1	16	3.2	1.72	3.32
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD2	16	3.2	1.72	3.32
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD1	16	3.2	1.72	3.32
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD2	16	3.2	1.72	3.32
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG11	16	3.13	1.33	3.18
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG12	16	3.13	1.33	3.18
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG13	16	3.13	1.33	3.18
(18,1629)	1:31:A:PRO:HD3	1:140:A:LEU:HA	16	3.01	1.02	3.04
(34,1655)	1:31:A:PRO:HD3	1:140:A:LEU:HA	16	3.01	1.02	3.04
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB2	16	2.94	2.12	3.86
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB3	16	2.94	2.12	3.86
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD11	16	2.82	1.41	2.88
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD12	16	2.82	1.41	2.88
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD13	16	2.82	1.41	2.88
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD21	16	2.82	1.41	2.88
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD22	16	2.82	1.41	2.88
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD23	16	2.82	1.41	2.88
(17,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	16	2.76	2.1	3.56
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	16	2.76	1.54	3.16
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	16	2.76	1.54	3.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	16	2.76	1.54	3.16
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	16	2.76	1.54	3.16
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	16	2.72	1.53	2.78
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	16	2.72	1.53	2.78
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	16	2.72	1.53	2.78
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	16	2.72	1.53	2.78
(2,2077)	1:31:A:PRO:HD2	1:143:A:TRP:HA	16	2.7	1.61	3.0
(2,2077)	1:31:A:PRO:HD3	1:143:A:TRP:HA	16	2.7	1.61	3.0
(17,1772)	1:39:A:VAL:HB	1:139:A:LEU:HA	16	2.58	0.88	2.74
(2,684)	1:39:A:VAL:HB	1:144:A:LEU:H	16	2.49	1.01	2.33
(30,686)	1:39:A:VAL:HB	1:144:A:LEU:H	16	2.49	1.01	2.33
(1,1158)	1:39:A:VAL:HB	1:139:A:LEU:HA	16	2.45	0.88	2.62
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD11	16	2.44	1.41	2.5
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD12	16	2.44	1.41	2.5
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD13	16	2.44	1.41	2.5
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD21	16	2.44	1.41	2.5
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD22	16	2.44	1.41	2.5
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD23	16	2.44	1.41	2.5
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG11	16	2.42	0.69	2.34
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG12	16	2.42	0.69	2.34
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG13	16	2.42	0.69	2.34
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG21	16	2.42	0.69	2.34
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG22	16	2.42	0.69	2.34
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG23	16	2.42	0.69	2.34
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	16	2.34	0.95	2.66
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	16	2.34	0.95	2.66
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	16	2.34	0.95	2.66
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	16	2.34	0.95	2.66
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	16	2.34	0.95	2.66
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	16	2.34	0.95	2.66
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	16	2.18	1.16	2.17
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	16	2.18	1.16	2.17
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	16	2.18	1.16	2.17
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	16	2.18	1.16	2.17
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	16	2.18	1.16	2.17
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	16	2.18	1.16	2.17
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	16	2.18	1.16	2.17
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	16	2.18	1.16	2.17
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	16	2.18	1.16	2.17
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD2	16	2.18	1.06	2.73
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD3	16	2.18	1.06	2.73
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD2	16	2.18	1.06	2.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD3	16	2.18	1.06	2.73
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	16	2.14	1.29	2.16
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	16	2.14	1.29	2.16
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	16	2.14	1.29	2.16
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	16	2.14	1.29	2.16
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD21	16	2.13	1.01	2.29
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD22	16	2.13	1.01	2.29
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD23	16	2.13	1.01	2.29
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD21	16	2.13	1.01	2.29
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD22	16	2.13	1.01	2.29
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD23	16	2.13	1.01	2.29
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD21	16	2.13	1.01	2.29
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD22	16	2.13	1.01	2.29
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD23	16	2.13	1.01	2.29
(3,2044)	1:17:A:ASN:HD21	1:78:A:HIS:H	16	2.06	1.42	1.82
(3,2044)	1:17:A:ASN:HD22	1:78:A:HIS:H	16	2.06	1.42	1.82
(2,1110)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	16	1.97	0.76	2.04
(2,1110)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	16	1.97	0.76	2.04
(17,1129)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	16	1.97	0.76	2.04
(17,1129)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	16	1.97	0.76	2.04
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	16	1.97	1.5	1.31
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	16	1.97	1.5	1.31
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	16	1.97	1.5	1.31
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	16	1.97	1.5	1.31
(16,2071)	1:32:A:GLY:HA2	1:81:A:GLU:H	16	1.96	1.22	1.7
(16,2071)	1:32:A:GLY:HA3	1:81:A:GLU:H	16	1.96	1.22	1.7
(16,1874)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	16	1.95	0.89	1.84
(16,1874)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	16	1.95	0.89	1.84
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	16	1.95	1.12	1.82
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	16	1.95	1.12	1.82
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	16	1.95	1.12	1.82
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	16	1.95	1.12	1.82
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	16	1.95	1.12	1.82
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	16	1.95	1.12	1.82
(30,482)	1:145:A:PRO:HB2	1:148:A:CYS:H	16	1.91	0.74	1.78
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB1	16	1.9	1.25	1.4
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB2	16	1.9	1.25	1.4
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB3	16	1.9	1.25	1.4
(6,743)	1:43:A:MET:HE1	1:134:A:VAL:H	16	1.9	1.32	1.77
(6,743)	1:43:A:MET:HE2	1:134:A:VAL:H	16	1.9	1.32	1.77
(6,743)	1:43:A:MET:HE3	1:134:A:VAL:H	16	1.9	1.32	1.77
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE1	16	1.89	1.72	1.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE2	16	1.89	1.72	1.41
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE3	16	1.89	1.72	1.41
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	16	1.86	0.97	1.86
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	16	1.86	0.97	1.86
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE1	16	1.84	0.61	1.76
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE2	16	1.84	0.61	1.76
(4,833)	1:48:A:ARG:HD2	1:49:A:LYS:HA	16	1.83	1.05	1.66
(4,833)	1:48:A:ARG:HD3	1:49:A:LYS:HA	16	1.83	1.05	1.66
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB1	16	1.82	0.87	1.66
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB2	16	1.82	0.87	1.66
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB3	16	1.82	0.87	1.66
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG12	16	1.82	1.1	2.22
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG13	16	1.82	1.1	2.22
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG11	16	1.79	0.77	1.64
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG12	16	1.79	0.77	1.64
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG13	16	1.79	0.77	1.64
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG21	16	1.79	0.77	1.64
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG22	16	1.79	0.77	1.64
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG23	16	1.79	0.77	1.64
(15,2496)	1:144:A:LEU:HD11	1:148:A:CYS:H	16	1.78	0.91	2.04
(15,2496)	1:144:A:LEU:HD12	1:148:A:CYS:H	16	1.78	0.91	2.04
(15,2496)	1:144:A:LEU:HD13	1:148:A:CYS:H	16	1.78	0.91	2.04
(15,2496)	1:144:A:LEU:HD21	1:148:A:CYS:H	16	1.78	0.91	2.04
(15,2496)	1:144:A:LEU:HD22	1:148:A:CYS:H	16	1.78	0.91	2.04
(15,2496)	1:144:A:LEU:HD23	1:148:A:CYS:H	16	1.78	0.91	2.04
(34,1094)	1:66:A:THR:HG21	1:95:A:ILE:HA	16	1.73	0.71	1.81
(34,1094)	1:66:A:THR:HG22	1:95:A:ILE:HA	16	1.73	0.71	1.81
(34,1094)	1:66:A:THR:HG23	1:95:A:ILE:HA	16	1.73	0.71	1.81
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG11	16	1.72	0.77	1.57
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG12	16	1.72	0.77	1.57
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG13	16	1.72	0.77	1.57
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG21	16	1.72	0.77	1.57
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG22	16	1.72	0.77	1.57
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG23	16	1.72	0.77	1.57
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	16	1.7	0.7	1.58
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	16	1.7	0.7	1.58
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	16	1.7	0.7	1.58
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	16	1.7	0.7	1.58
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	16	1.7	0.7	1.58
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	16	1.7	0.7	1.58
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	16	1.7	0.7	1.58
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	16	1.7	0.7	1.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	16	1.7	0.7	1.58
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	16	1.7	0.7	1.58
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	16	1.7	0.7	1.58
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	16	1.7	0.7	1.58
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	16	1.7	0.7	1.58
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	16	1.7	0.7	1.58
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	16	1.7	0.7	1.58
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	16	1.7	0.7	1.58
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	16	1.7	0.7	1.58
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	16	1.7	0.7	1.58
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE1	16	1.68	0.61	1.6
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE2	16	1.68	0.61	1.6
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG21	16	1.66	0.99	1.23
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG22	16	1.66	0.99	1.23
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG23	16	1.66	0.99	1.23
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG21	16	1.66	0.99	1.23
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG22	16	1.66	0.99	1.23
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG23	16	1.66	0.99	1.23
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD21	16	1.66	1.11	1.46
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD22	16	1.66	1.11	1.46
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD23	16	1.66	1.11	1.46
(6,956)	1:11:A:ILE:HG13	1:14:A:VAL:HB	16	1.66	1.05	1.55
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	16	1.66	0.7	1.54
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	16	1.66	0.7	1.54
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	16	1.66	0.7	1.54
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	16	1.66	0.7	1.54
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	16	1.66	0.7	1.54
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	16	1.66	0.7	1.54
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	16	1.66	0.7	1.54
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	16	1.66	0.7	1.54
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	16	1.66	0.7	1.54
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	16	1.66	0.7	1.54
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	16	1.66	0.7	1.54
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	16	1.66	0.7	1.54
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	16	1.66	0.7	1.54
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	16	1.66	0.7	1.54
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	16	1.66	0.7	1.54
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	16	1.66	0.7	1.54
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	16	1.66	0.7	1.54
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	16	1.66	0.7	1.54
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG11	16	1.66	0.77	1.51
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG12	16	1.66	0.77	1.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG13	16	1.66	0.77	1.51
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG21	16	1.66	0.77	1.51
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG22	16	1.66	0.77	1.51
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG23	16	1.66	0.77	1.51
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	16	1.6	0.69	1.6
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	16	1.6	0.69	1.6
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	16	1.6	0.69	1.6
(33,1729)	1:19:A:ALA:H	1:132:A:ALA:HA	16	1.58	0.83	1.6
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	16	1.56	0.82	1.23
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	16	1.56	0.82	1.23
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	16	1.56	0.82	1.23
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	16	1.55	0.69	1.54
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	16	1.55	0.69	1.54
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	16	1.55	0.69	1.54
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG2	16	1.5	0.38	1.65
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG3	16	1.5	0.38	1.65
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG21	16	1.5	0.9	1.25
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG22	16	1.5	0.9	1.25
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG23	16	1.5	0.9	1.25
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG21	16	1.5	0.9	1.25
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG22	16	1.5	0.9	1.25
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG23	16	1.5	0.9	1.25
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	16	1.49	0.79	1.84
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	16	1.49	0.79	1.84
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	16	1.49	0.79	1.84
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	16	1.49	0.79	1.84
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	16	1.49	0.79	1.84
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	16	1.49	0.79	1.84
(13,1422)	1:31:A:PRO:HD2	1:144:A:LEU:HB3	16	1.46	1.23	1.12
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	16	1.4	0.71	1.46
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	16	1.4	0.71	1.46
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	16	1.4	0.71	1.46
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	16	1.4	0.71	1.46
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	16	1.4	0.71	1.46
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	16	1.4	0.71	1.46
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG11	16	1.37	0.91	1.28
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG12	16	1.37	0.91	1.28
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG13	16	1.37	0.91	1.28
(2,709)	1:48:A:ARG:HE	1:49:A:LYS:HA	16	1.36	0.37	1.48
(16,2339)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	16	1.34	0.56	1.45
(16,2339)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	16	1.34	0.56	1.45
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	16	1.34	0.62	1.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	16	1.34	0.62	1.27
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	16	1.34	0.62	1.27
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG11	16	1.29	0.91	1.2
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG12	16	1.29	0.91	1.2
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG13	16	1.29	0.91	1.2
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	16	1.2	0.51	1.16
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	16	1.2	0.51	1.16
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	16	1.2	0.51	1.16
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	16	1.2	0.51	1.16
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	16	1.2	0.51	1.16
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	16	1.2	0.51	1.16
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	16	1.2	0.51	1.16
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	16	1.2	0.51	1.16
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	16	1.2	0.51	1.16
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	16	1.2	0.51	1.16
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	16	1.2	0.51	1.16
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	16	1.2	0.51	1.16
(5,2127)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	16	1.19	0.79	1.2
(5,2127)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	16	1.19	0.79	1.2
(5,2127)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	16	1.19	0.79	1.2
(5,2127)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	16	1.19	0.79	1.2
(5,2127)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	16	1.19	0.79	1.2
(5,2127)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	16	1.19	0.79	1.2
(16,1701)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	16	1.19	0.98	1.09
(17,1725)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	16	1.19	0.98	1.09
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG2	16	1.18	0.53	1.16
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	16	1.18	0.53	1.16
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG2	16	1.18	0.53	1.16
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	16	1.18	0.53	1.16
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	16	1.16	0.37	1.23
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	16	1.16	0.37	1.23
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	16	1.16	0.37	1.23
(30,961)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	16	1.15	0.4	1.18
(30,961)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	16	1.15	0.4	1.18
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG2	16	1.12	0.58	1.15
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG3	16	1.12	0.58	1.15
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD11	16	1.04	0.3	1.03
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD12	16	1.04	0.3	1.03
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD13	16	1.04	0.3	1.03
(4,703)	1:48:A:ARG:HE	1:49:A:LYS:HA	16	1.04	0.37	1.16
(6,2001)	1:14:A:VAL:HG11	1:18:A:PHE:HB2	16	1.02	0.35	1.02
(6,2001)	1:14:A:VAL:HG12	1:18:A:PHE:HB2	16	1.02	0.35	1.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,2001)	1:14:A:VAL:HG13	1:18:A:PHE:HB2	16	1.02	0.35	1.02
(6,2001)	1:14:A:VAL:HG21	1:18:A:PHE:HB2	16	1.02	0.35	1.02
(6,2001)	1:14:A:VAL:HG22	1:18:A:PHE:HB2	16	1.02	0.35	1.02
(6,2001)	1:14:A:VAL:HG23	1:18:A:PHE:HB2	16	1.02	0.35	1.02
(13,1817)	1:9:A:PHE:HZ	1:58:A:ILE:HG13	16	0.98	0.66	0.82
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD11	16	0.98	0.27	1.09
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD12	16	0.98	0.27	1.09
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD13	16	0.98	0.27	1.09
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD21	16	0.98	0.27	1.09
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD22	16	0.98	0.27	1.09
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD23	16	0.98	0.27	1.09
(5,1589)	1:58:A:ILE:HD11	1:61:A:SER:H	16	0.93	0.09	0.94
(5,1589)	1:58:A:ILE:HD12	1:61:A:SER:H	16	0.93	0.09	0.94
(5,1589)	1:58:A:ILE:HD13	1:61:A:SER:H	16	0.93	0.09	0.94
(11,1605)	1:58:A:ILE:HD11	1:61:A:SER:H	16	0.93	0.09	0.94
(11,1605)	1:58:A:ILE:HD12	1:61:A:SER:H	16	0.93	0.09	0.94
(11,1605)	1:58:A:ILE:HD13	1:61:A:SER:H	16	0.93	0.09	0.94
(16,1563)	1:58:A:ILE:HD11	1:61:A:SER:H	16	0.93	0.09	0.94
(16,1563)	1:58:A:ILE:HD12	1:61:A:SER:H	16	0.93	0.09	0.94
(16,1563)	1:58:A:ILE:HD13	1:61:A:SER:H	16	0.93	0.09	0.94
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	16	0.93	0.6	0.74
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	16	0.93	0.6	0.74
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	16	0.93	0.6	0.74
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	16	0.93	0.6	0.74
(29,1713)	1:52:A:CYS:HA	1:124:A:THR:HB	16	0.93	0.39	0.99
(2,1756)	1:31:A:PRO:HB2	1:35:A:LEU:HA	16	0.93	0.54	0.84
(2,1756)	1:31:A:PRO:HB3	1:35:A:LEU:HA	16	0.93	0.54	0.84
(17,1754)	1:31:A:PRO:HB2	1:35:A:LEU:HA	16	0.93	0.54	0.84
(17,1754)	1:31:A:PRO:HB3	1:35:A:LEU:HA	16	0.93	0.54	0.84
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD11	16	0.92	0.38	0.89
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD12	16	0.92	0.38	0.89
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD13	16	0.92	0.38	0.89
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD21	16	0.92	0.38	0.89
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD22	16	0.92	0.38	0.89
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD23	16	0.92	0.38	0.89
(1,1836)	1:9:A:PHE:HZ	1:57:A:LEU:HA	16	0.91	0.42	1.0
(2,956)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	16	0.89	0.4	0.92
(2,956)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	16	0.89	0.4	0.92
(13,1908)	1:10:A:ASN:HD21	1:80:A:TYR:HB3	16	0.85	0.45	0.84
(13,1908)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	16	0.85	0.45	0.84
(1,832)	1:98:A:ILE:HD11	1:101:A:ILE:HB	16	0.84	0.42	0.76
(1,832)	1:98:A:ILE:HD12	1:101:A:ILE:HB	16	0.84	0.42	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,832)	1:98:A:ILE:HD13	1:101:A:ILE:HB	16	0.84	0.42	0.76
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD1	16	0.81	0.29	0.84
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD2	16	0.81	0.29	0.84
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD1	16	0.81	0.29	0.84
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD2	16	0.81	0.29	0.84
(5,1884)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	16	0.78	0.33	0.72
(6,869)	1:14:A:VAL:HA	1:18:A:PHE:HB2	16	0.78	0.4	0.78
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD11	16	0.77	0.3	0.76
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD12	16	0.77	0.3	0.76
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD13	16	0.77	0.3	0.76
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD11	16	0.77	0.3	0.76
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD12	16	0.77	0.3	0.76
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD13	16	0.77	0.3	0.76
(29,1884)	1:9:A:PHE:HE1	1:58:A:ILE:HG12	16	0.75	0.43	0.77
(29,1884)	1:9:A:PHE:HE2	1:58:A:ILE:HG12	16	0.75	0.43	0.77
(1,972)	1:40:A:LEU:HA	1:43:A:MET:HG2	16	0.72	0.42	0.7
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE1	16	0.72	0.43	0.57
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE2	16	0.72	0.43	0.57
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE3	16	0.72	0.43	0.57
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE1	16	0.72	0.43	0.57
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE2	16	0.72	0.43	0.57
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE3	16	0.72	0.43	0.57
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	16	0.72	0.45	0.55
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	16	0.72	0.45	0.55
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	16	0.72	0.45	0.55
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG21	16	0.72	0.45	0.55
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG22	16	0.72	0.45	0.55
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG23	16	0.72	0.45	0.55
(32,799)	1:98:A:ILE:HD11	1:101:A:ILE:HB	16	0.71	0.42	0.63
(32,799)	1:98:A:ILE:HD12	1:101:A:ILE:HB	16	0.71	0.42	0.63
(32,799)	1:98:A:ILE:HD13	1:101:A:ILE:HB	16	0.71	0.42	0.63
(34,1294)	1:11:A:ILE:HG21	1:15:A:ALA:HA	16	0.69	0.33	0.68
(34,1294)	1:11:A:ILE:HG22	1:15:A:ALA:HA	16	0.69	0.33	0.68
(34,1294)	1:11:A:ILE:HG23	1:15:A:ALA:HA	16	0.69	0.33	0.68
(15,820)	1:98:A:ILE:HD11	1:101:A:ILE:HB	16	0.64	0.42	0.56
(15,820)	1:98:A:ILE:HD12	1:101:A:ILE:HB	16	0.64	0.42	0.56
(15,820)	1:98:A:ILE:HD13	1:101:A:ILE:HB	16	0.64	0.42	0.56
(9,1255)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	16	0.61	0.28	0.64
(9,1255)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	16	0.61	0.28	0.64
(9,1255)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	16	0.61	0.28	0.64
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG21	16	0.58	0.12	0.6
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG22	16	0.58	0.12	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG23	16	0.58	0.12	0.6
(2,1256)	1:23:A:LEU:HD11	1:25:A:ALA:H	16	0.57	0.21	0.54
(2,1256)	1:23:A:LEU:HD12	1:25:A:ALA:H	16	0.57	0.21	0.54
(2,1256)	1:23:A:LEU:HD13	1:25:A:ALA:H	16	0.57	0.21	0.54
(4,1236)	1:23:A:LEU:HD11	1:25:A:ALA:H	16	0.57	0.21	0.54
(4,1236)	1:23:A:LEU:HD12	1:25:A:ALA:H	16	0.57	0.21	0.54
(4,1236)	1:23:A:LEU:HD13	1:25:A:ALA:H	16	0.57	0.21	0.54
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD11	16	0.55	0.35	0.42
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD12	16	0.55	0.35	0.42
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD13	16	0.55	0.35	0.42
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG11	16	0.55	0.19	0.55
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG12	16	0.55	0.19	0.55
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG13	16	0.55	0.19	0.55
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG11	16	0.55	0.19	0.55
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG12	16	0.55	0.19	0.55
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG13	16	0.55	0.19	0.55
(18,2226)	1:60:A:LEU:HD11	1:123:A:CYS:H	16	0.52	0.24	0.48
(18,2226)	1:60:A:LEU:HD12	1:123:A:CYS:H	16	0.52	0.24	0.48
(18,2226)	1:60:A:LEU:HD13	1:123:A:CYS:H	16	0.52	0.24	0.48
(18,2226)	1:60:A:LEU:HD21	1:123:A:CYS:H	16	0.52	0.24	0.48
(18,2226)	1:60:A:LEU:HD22	1:123:A:CYS:H	16	0.52	0.24	0.48
(18,2226)	1:60:A:LEU:HD23	1:123:A:CYS:H	16	0.52	0.24	0.48
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	16	0.5	0.13	0.52
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	16	0.5	0.13	0.52
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	16	0.5	0.13	0.52
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	16	0.5	0.13	0.52
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	16	0.5	0.13	0.52
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	16	0.5	0.13	0.52
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	16	0.5	0.13	0.52
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	16	0.5	0.13	0.52
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	16	0.5	0.13	0.52
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	16	0.5	0.13	0.52
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	16	0.5	0.13	0.52
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	16	0.5	0.13	0.52
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	16	0.5	0.13	0.52
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	16	0.5	0.13	0.52
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	16	0.5	0.13	0.52
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	16	0.5	0.13	0.52
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	16	0.5	0.13	0.52
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	16	0.5	0.13	0.52
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	16	0.5	0.13	0.52
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	16	0.5	0.13	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	16	0.5	0.13	0.52
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	16	0.5	0.13	0.52
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	16	0.5	0.13	0.52
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	16	0.5	0.13	0.52
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	16	0.5	0.13	0.52
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	16	0.5	0.13	0.52
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	16	0.5	0.13	0.52
(1,1598)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	16	0.45	0.12	0.49
(1,1598)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	16	0.45	0.12	0.49
(1,1598)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	16	0.45	0.12	0.49
(32,1546)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	16	0.45	0.12	0.49
(32,1546)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	16	0.45	0.12	0.49
(32,1546)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	16	0.45	0.12	0.49
(1,1830)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	16	0.44	0.11	0.42
(1,1830)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	16	0.44	0.11	0.42
(16,1564)	1:63:A:ILE:HD11	1:113:A:PHE:HA	16	0.43	0.24	0.38
(16,1564)	1:63:A:ILE:HD12	1:113:A:PHE:HA	16	0.43	0.24	0.38
(16,1564)	1:63:A:ILE:HD13	1:113:A:PHE:HA	16	0.43	0.24	0.38
(5,1609)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	16	0.42	0.16	0.44
(5,1609)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	16	0.42	0.16	0.44
(5,1609)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	16	0.42	0.16	0.44
(29,427)	1:100:A:ALA:H	1:101:A:ILE:HG12	16	0.4	0.1	0.42
(3,2317)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	16	0.4	0.2	0.42
(3,2317)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	16	0.4	0.2	0.42
(3,2317)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	16	0.4	0.2	0.42
(3,2317)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	16	0.4	0.2	0.42
(3,2317)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	16	0.4	0.2	0.42
(3,2317)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	16	0.4	0.2	0.42
(18,2277)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	16	0.4	0.2	0.42
(18,2277)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	16	0.4	0.2	0.42
(18,2277)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	16	0.4	0.2	0.42
(18,2277)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	16	0.4	0.2	0.42
(18,2277)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	16	0.4	0.2	0.42
(18,2277)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	16	0.4	0.2	0.42
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB2	16	0.4	0.12	0.44
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB3	16	0.4	0.12	0.44
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB2	16	0.4	0.12	0.44
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB3	16	0.4	0.12	0.44
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB2	16	0.4	0.12	0.44
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB3	16	0.4	0.12	0.44
(3,778)	1:101:A:ILE:HD11	1:118:A:ASP:HB3	16	0.4	0.21	0.34
(3,778)	1:101:A:ILE:HD12	1:118:A:ASP:HB3	16	0.4	0.21	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,778)	1:101:A:ILE:HD13	1:118:A:ASP:HB3	16	0.4	0.21	0.34
(34,940)	1:125:A:THR:HB	1:128:A:LEU:HB2	16	0.39	0.24	0.3
(9,1884)	1:104:A:PHE:HE1	1:113:A:PHE:HA	16	0.38	0.21	0.39
(9,1884)	1:104:A:PHE:HE2	1:113:A:PHE:HA	16	0.38	0.21	0.39
(16,31)	1:96:A:VAL:H	1:96:A:VAL:HA	16	0.37	0.04	0.39
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG21	16	0.36	0.18	0.3
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG22	16	0.36	0.18	0.3
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG23	16	0.36	0.18	0.3
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG21	16	0.36	0.18	0.3
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG22	16	0.36	0.18	0.3
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG23	16	0.36	0.18	0.3
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE1	16	0.36	0.15	0.3
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE2	16	0.36	0.15	0.3
(6,1823)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	16	0.36	0.11	0.34
(6,1823)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	16	0.36	0.11	0.34
(4,2189)	1:57:A:LEU:HD11	1:60:A:LEU:H	16	0.35	0.16	0.4
(4,2189)	1:57:A:LEU:HD12	1:60:A:LEU:H	16	0.35	0.16	0.4
(4,2189)	1:57:A:LEU:HD13	1:60:A:LEU:H	16	0.35	0.16	0.4
(4,2189)	1:57:A:LEU:HD21	1:60:A:LEU:H	16	0.35	0.16	0.4
(4,2189)	1:57:A:LEU:HD22	1:60:A:LEU:H	16	0.35	0.16	0.4
(4,2189)	1:57:A:LEU:HD23	1:60:A:LEU:H	16	0.35	0.16	0.4
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG12	16	0.35	0.12	0.38
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG13	16	0.35	0.12	0.38
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG12	16	0.35	0.12	0.38
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG13	16	0.35	0.12	0.38
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG12	16	0.35	0.12	0.38
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG13	16	0.35	0.12	0.38
(16,9)	1:63:A:ILE:HG13	1:64:A:LYS:H	16	0.34	0.09	0.31
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB1	16	0.34	0.13	0.38
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB2	16	0.34	0.13	0.38
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB3	16	0.34	0.13	0.38
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB1	16	0.33	0.13	0.38
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB2	16	0.33	0.13	0.38
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB3	16	0.33	0.13	0.38
(3,111)	1:21:A:THR:HB	1:22:A:ASP:H	16	0.3	0.16	0.22
(5,320)	1:140:A:LEU:H	1:140:A:LEU:HG	16	0.29	0.21	0.16
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG21	16	0.29	0.06	0.3
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG22	16	0.29	0.06	0.3
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG23	16	0.29	0.06	0.3
(16,2331)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	16	0.27	0.17	0.17
(16,2331)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	16	0.27	0.17	0.17
(16,2331)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	16	0.27	0.17	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,2331)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	16	0.27	0.17	0.17
(16,2331)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	16	0.27	0.17	0.17
(16,2331)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	16	0.27	0.17	0.17
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD11	16	0.27	0.06	0.29
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD12	16	0.27	0.06	0.29
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD13	16	0.27	0.06	0.29
(17,1787)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	16	0.27	0.11	0.24
(17,1787)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	16	0.27	0.11	0.24
(18,593)	1:129:A:LYS:HB2	1:130:A:GLY:H	16	0.21	0.03	0.2
(18,593)	1:129:A:LYS:HB3	1:130:A:GLY:H	16	0.21	0.03	0.2
(32,640)	1:98:A:ILE:H	1:100:A:ALA:H	16	0.2	0.08	0.16
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD11	16	0.18	0.03	0.18
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD12	16	0.18	0.03	0.18
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD13	16	0.18	0.03	0.18
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD11	16	0.15	0.01	0.16
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD12	16	0.15	0.01	0.16
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD13	16	0.15	0.01	0.16
(1,597)	1:74:A:PRO:HD2	1:75:A:GLY:H	16	0.15	0.01	0.15
(2,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	16	0.15	0.01	0.15
(6,584)	1:74:A:PRO:HD2	1:75:A:GLY:H	16	0.15	0.01	0.15
(9,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	16	0.15	0.01	0.15
(17,587)	1:74:A:PRO:HD2	1:75:A:GLY:H	16	0.15	0.01	0.15
(29,596)	1:74:A:PRO:HD2	1:75:A:GLY:H	16	0.15	0.01	0.15
(11,939)	1:117:A:VAL:HA	1:118:A:ASP:HA	16	0.13	0.03	0.13
(11,1353)	1:8:A:ASP:HA	1:8:A:ASP:HB3	16	0.13	0.03	0.12
(15,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	15	5.41	2.44	6.4
(15,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	15	5.41	2.44	6.4
(15,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	15	5.41	2.44	6.4
(29,709)	1:144:A:LEU:HD11	1:147:A:ARG:HE	15	5.41	2.44	6.4
(29,709)	1:144:A:LEU:HD12	1:147:A:ARG:HE	15	5.41	2.44	6.4
(29,709)	1:144:A:LEU:HD13	1:147:A:ARG:HE	15	5.41	2.44	6.4
(16,2059)	1:30:A:LEU:HD11	1:79:A:THR:HA	15	5.34	2.48	5.22
(16,2059)	1:30:A:LEU:HD12	1:79:A:THR:HA	15	5.34	2.48	5.22
(16,2059)	1:30:A:LEU:HD13	1:79:A:THR:HA	15	5.34	2.48	5.22
(16,2059)	1:30:A:LEU:HD21	1:79:A:THR:HA	15	5.34	2.48	5.22
(16,2059)	1:30:A:LEU:HD22	1:79:A:THR:HA	15	5.34	2.48	5.22
(16,2059)	1:30:A:LEU:HD23	1:79:A:THR:HA	15	5.34	2.48	5.22
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG2	15	3.7	1.96	4.26
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG3	15	3.7	1.96	4.26
(2,1272)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	15	3.6	2.01	3.77
(2,1272)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	15	3.6	2.01	3.77
(2,1272)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	15	3.6	2.01	3.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD2	15	3.38	2.09	3.13
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD3	15	3.38	2.09	3.13
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD2	15	3.38	2.09	3.13
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD3	15	3.38	2.09	3.13
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD2	15	3.38	2.09	3.13
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD3	15	3.38	2.09	3.13
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG2	15	3.2	1.8	4.03
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG3	15	3.2	1.8	4.03
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG2	15	3.2	1.8	4.03
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG3	15	3.2	1.8	4.03
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB2	15	3.11	1.47	3.27
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB2	15	3.11	1.47	3.27
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB2	15	3.11	1.47	3.27
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB3	15	3.11	1.47	3.27
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB3	15	3.11	1.47	3.27
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB3	15	3.11	1.47	3.27
(2,1458)	1:30:A:LEU:HB2	1:145:A:PRO:HD2	15	3.11	1.64	3.19
(2,1458)	1:30:A:LEU:HB3	1:145:A:PRO:HD2	15	3.11	1.64	3.19
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB2	15	2.88	1.6	3.16
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB3	15	2.88	1.6	3.16
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	15	2.84	1.5	3.21
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	15	2.84	1.5	3.21
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	15	2.84	1.5	3.21
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	15	2.84	1.5	3.21
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	15	2.84	1.5	3.21
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	15	2.84	1.5	3.21
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	15	2.84	1.5	3.21
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	15	2.84	1.5	3.21
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	15	2.84	1.5	3.21
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	15	2.84	1.5	3.21
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	15	2.84	1.5	3.21
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	15	2.84	1.5	3.21
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD11	15	2.81	1.04	2.54
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD12	15	2.81	1.04	2.54
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD13	15	2.81	1.04	2.54
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD21	15	2.81	1.04	2.54
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD22	15	2.81	1.04	2.54
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD23	15	2.81	1.04	2.54
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	15	2.67	1.43	2.98
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	15	2.67	1.43	2.98
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	15	2.67	1.43	2.98
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	15	2.67	1.43	2.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	15	2.54	1.43	2.85
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	15	2.54	1.43	2.85
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	15	2.54	1.43	2.85
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	15	2.54	1.43	2.85
(9,2023)	1:23:A:LEU:HD11	1:147:A:ARG:H	15	2.54	1.96	2.11
(9,2023)	1:23:A:LEU:HD12	1:147:A:ARG:H	15	2.54	1.96	2.11
(9,2023)	1:23:A:LEU:HD13	1:147:A:ARG:H	15	2.54	1.96	2.11
(9,2023)	1:23:A:LEU:HD21	1:147:A:ARG:H	15	2.54	1.96	2.11
(9,2023)	1:23:A:LEU:HD22	1:147:A:ARG:H	15	2.54	1.96	2.11
(9,2023)	1:23:A:LEU:HD23	1:147:A:ARG:H	15	2.54	1.96	2.11
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD11	15	2.53	1.36	2.67
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD12	15	2.53	1.36	2.67
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD13	15	2.53	1.36	2.67
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD21	15	2.53	1.36	2.67
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD22	15	2.53	1.36	2.67
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD23	15	2.53	1.36	2.67
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD11	15	2.53	1.36	2.67
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD12	15	2.53	1.36	2.67
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD13	15	2.53	1.36	2.67
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD21	15	2.53	1.36	2.67
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD22	15	2.53	1.36	2.67
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD23	15	2.53	1.36	2.67
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD11	15	2.53	1.36	2.67
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD12	15	2.53	1.36	2.67
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD13	15	2.53	1.36	2.67
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD21	15	2.53	1.36	2.67
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD22	15	2.53	1.36	2.67
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD23	15	2.53	1.36	2.67
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD21	15	2.45	0.66	2.61
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD22	15	2.45	0.66	2.61
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD23	15	2.45	0.66	2.61
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB1	15	2.44	1.39	2.61
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB2	15	2.44	1.39	2.61
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB3	15	2.44	1.39	2.61
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB1	15	2.44	1.39	2.61
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB2	15	2.44	1.39	2.61
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB3	15	2.44	1.39	2.61
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB1	15	2.44	1.39	2.61
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB2	15	2.44	1.39	2.61
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB3	15	2.44	1.39	2.61
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	15	2.34	0.86	2.3
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	15	2.34	0.86	2.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	15	2.34	0.86	2.3
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	15	2.34	0.86	2.3
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	15	2.34	0.86	2.3
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	15	2.34	0.86	2.3
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	15	2.34	0.86	2.3
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	15	2.34	0.86	2.3
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	15	2.34	0.86	2.3
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	15	2.34	0.86	2.3
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	15	2.34	0.86	2.3
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	15	2.34	0.86	2.3
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD21	15	2.21	1.17	2.14
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD22	15	2.21	1.17	2.14
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD23	15	2.21	1.17	2.14
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD21	15	2.21	1.17	2.14
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD22	15	2.21	1.17	2.14
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD23	15	2.21	1.17	2.14
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD11	15	2.19	1.08	2.21
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD12	15	2.19	1.08	2.21
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD13	15	2.19	1.08	2.21
(6,979)	1:31:A:PRO:HB2	1:144:A:LEU:HB3	15	2.18	1.59	2.12
(6,979)	1:31:A:PRO:HB3	1:144:A:LEU:HB3	15	2.18	1.59	2.12
(33,1388)	1:19:A:ALA:HB1	1:132:A:ALA:HA	15	2.18	0.87	2.23
(33,1388)	1:19:A:ALA:HB2	1:132:A:ALA:HA	15	2.18	0.87	2.23
(33,1388)	1:19:A:ALA:HB3	1:132:A:ALA:HA	15	2.18	0.87	2.23
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG21	15	2.14	0.86	2.26
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG22	15	2.14	0.86	2.26
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG23	15	2.14	0.86	2.26
(6,2028)	1:17:A:ASN:HD21	1:78:A:HIS:H	15	2.14	1.38	1.81
(6,2028)	1:17:A:ASN:HD22	1:78:A:HIS:H	15	2.14	1.38	1.81
(9,2001)	1:17:A:ASN:HD21	1:78:A:HIS:H	15	2.14	1.38	1.81
(9,2001)	1:17:A:ASN:HD22	1:78:A:HIS:H	15	2.14	1.38	1.81
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	15	2.1	0.86	2.06
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	15	2.1	0.86	2.06
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	15	2.1	0.86	2.06
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	15	2.1	0.86	2.06
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	15	2.1	0.86	2.06
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	15	2.1	0.86	2.06
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	15	2.1	0.86	2.06
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	15	2.1	0.86	2.06
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	15	2.1	0.86	2.06
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	15	2.1	0.86	2.06
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	15	2.1	0.86	2.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	15	2.1	0.86	2.06
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG11	15	2.08	1.46	2.7
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG12	15	2.08	1.46	2.7
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG13	15	2.08	1.46	2.7
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	15	2.03	0.79	2.1
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	15	2.03	0.79	2.1
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	15	2.03	0.79	2.1
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	15	2.03	0.79	2.1
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	15	2.03	0.79	2.1
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	15	2.03	0.79	2.1
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	15	2.03	0.79	2.1
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	15	2.03	0.79	2.1
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	15	2.03	0.79	2.1
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	15	2.03	0.79	2.1
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	15	2.03	0.79	2.1
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	15	2.03	0.79	2.1
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	15	1.98	0.86	1.94
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	15	1.98	0.86	1.94
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	15	1.98	0.86	1.94
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	15	1.98	0.86	1.94
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	15	1.98	0.86	1.94
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	15	1.98	0.86	1.94
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	15	1.98	0.86	1.94
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	15	1.98	0.86	1.94
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	15	1.98	0.86	1.94
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	15	1.98	0.86	1.94
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	15	1.98	0.86	1.94
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	15	1.98	0.86	1.94
(6,62)	1:32:A:GLY:HA2	1:81:A:GLU:H	15	1.97	1.57	1.32
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	15	1.94	0.79	2.01
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	15	1.94	0.79	2.01
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	15	1.94	0.79	2.01
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	15	1.94	0.79	2.01
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	15	1.94	0.79	2.01
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	15	1.94	0.79	2.01
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	15	1.94	0.79	2.01
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	15	1.94	0.79	2.01
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	15	1.94	0.79	2.01
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	15	1.94	0.79	2.01
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	15	1.94	0.79	2.01
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	15	1.94	0.79	2.01
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD2	15	1.94	0.95	2.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD3	15	1.94	0.95	2.48
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD2	15	1.94	0.95	2.48
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD3	15	1.94	0.95	2.48
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	15	1.94	0.9	1.8
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	15	1.94	0.9	1.8
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	15	1.94	0.9	1.8
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	15	1.94	0.9	1.8
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	15	1.94	0.9	1.8
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	15	1.94	0.9	1.8
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	15	1.94	0.9	1.8
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	15	1.94	0.9	1.8
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	15	1.9	0.86	1.86
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	15	1.9	0.86	1.86
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	15	1.9	0.86	1.86
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	15	1.9	0.86	1.86
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	15	1.9	0.86	1.86
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	15	1.9	0.86	1.86
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	15	1.9	0.86	1.86
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	15	1.9	0.86	1.86
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	15	1.9	0.86	1.86
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	15	1.9	0.86	1.86
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	15	1.9	0.86	1.86
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	15	1.9	0.86	1.86
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	15	1.9	1.2	2.27
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	15	1.9	1.2	2.27
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	15	1.9	1.2	2.27
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	15	1.9	1.2	2.27
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	15	1.9	1.2	2.27
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	15	1.9	1.2	2.27
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	15	1.9	1.2	2.27
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	15	1.9	1.2	2.27
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	15	1.9	1.2	2.27
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	15	1.9	1.2	2.27
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	15	1.9	1.2	2.27
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	15	1.9	1.2	2.27
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD21	15	1.89	0.9	1.77
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD22	15	1.89	0.9	1.77
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD23	15	1.89	0.9	1.77
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD2	15	1.82	0.68	2.12
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD3	15	1.82	0.68	2.12
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD21	15	1.78	0.76	1.57
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD22	15	1.78	0.76	1.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD23	15	1.78	0.76	1.57
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	15	1.77	0.68	1.78
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	15	1.77	0.68	1.78
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	15	1.77	0.68	1.78
(5,1206)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	15	1.75	0.99	1.96
(5,1206)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	15	1.75	0.99	1.96
(5,1206)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	15	1.75	0.99	1.96
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	15	1.75	1.28	1.74
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	15	1.75	1.28	1.74
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	15	1.75	1.28	1.74
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	15	1.75	1.28	1.74
(4,740)	1:43:A:MET:HE1	1:134:A:VAL:H	15	1.74	1.3	1.51
(4,740)	1:43:A:MET:HE2	1:134:A:VAL:H	15	1.74	1.3	1.51
(4,740)	1:43:A:MET:HE3	1:134:A:VAL:H	15	1.74	1.3	1.51
(7,743)	1:43:A:MET:HE1	1:134:A:VAL:H	15	1.74	1.3	1.51
(7,743)	1:43:A:MET:HE2	1:134:A:VAL:H	15	1.74	1.3	1.51
(7,743)	1:43:A:MET:HE3	1:134:A:VAL:H	15	1.74	1.3	1.51
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD11	15	1.73	0.85	1.99
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD12	15	1.73	0.85	1.99
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD13	15	1.73	0.85	1.99
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD21	15	1.73	0.85	1.99
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD22	15	1.73	0.85	1.99
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD23	15	1.73	0.85	1.99
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB1	15	1.71	1.08	1.16
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB2	15	1.71	1.08	1.16
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB3	15	1.71	1.08	1.16
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB1	15	1.71	1.08	1.16
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB2	15	1.71	1.08	1.16
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB3	15	1.71	1.08	1.16
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD11	15	1.7	0.85	1.7
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD12	15	1.7	0.85	1.7
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD13	15	1.7	0.85	1.7
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD21	15	1.7	0.85	1.7
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD22	15	1.7	0.85	1.7
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD23	15	1.7	0.85	1.7
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD11	15	1.7	0.85	1.7
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD12	15	1.7	0.85	1.7
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD13	15	1.7	0.85	1.7
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD21	15	1.7	0.85	1.7
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD22	15	1.7	0.85	1.7
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD23	15	1.7	0.85	1.7
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD11	15	1.7	0.85	1.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD12	15	1.7	0.85	1.7
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD13	15	1.7	0.85	1.7
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD21	15	1.7	0.85	1.7
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD22	15	1.7	0.85	1.7
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD23	15	1.7	0.85	1.7
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD11	15	1.7	0.85	1.7
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD12	15	1.7	0.85	1.7
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD13	15	1.7	0.85	1.7
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD21	15	1.7	0.85	1.7
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD22	15	1.7	0.85	1.7
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD23	15	1.7	0.85	1.7
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD11	15	1.7	0.85	1.7
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD12	15	1.7	0.85	1.7
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD13	15	1.7	0.85	1.7
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD21	15	1.7	0.85	1.7
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD22	15	1.7	0.85	1.7
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD23	15	1.7	0.85	1.7
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD11	15	1.7	0.85	1.7
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD12	15	1.7	0.85	1.7
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD13	15	1.7	0.85	1.7
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD21	15	1.7	0.85	1.7
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD22	15	1.7	0.85	1.7
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD23	15	1.7	0.85	1.7
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD11	15	1.7	0.85	1.7
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD12	15	1.7	0.85	1.7
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD13	15	1.7	0.85	1.7
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD21	15	1.7	0.85	1.7
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD22	15	1.7	0.85	1.7
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD23	15	1.7	0.85	1.7
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD11	15	1.7	0.85	1.7
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD12	15	1.7	0.85	1.7
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD13	15	1.7	0.85	1.7
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD21	15	1.7	0.85	1.7
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD22	15	1.7	0.85	1.7
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD23	15	1.7	0.85	1.7
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD11	15	1.7	0.85	1.7
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD12	15	1.7	0.85	1.7
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD13	15	1.7	0.85	1.7
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD21	15	1.7	0.85	1.7
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD22	15	1.7	0.85	1.7
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD23	15	1.7	0.85	1.7
(1,919)	1:21:A:THR:HB	1:24:A:ASP:H	15	1.7	0.55	1.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,828)	1:48:A:ARG:HD2	1:49:A:LYS:HA	15	1.7	1.0	1.55
(6,828)	1:48:A:ARG:HD3	1:49:A:LYS:HA	15	1.7	1.0	1.55
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	15	1.68	1.28	1.67
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	15	1.68	1.28	1.67
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	15	1.68	1.28	1.67
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	15	1.68	1.28	1.67
(5,896)	1:21:A:THR:HB	1:24:A:ASP:H	15	1.67	0.55	1.79
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD2	15	1.66	0.62	1.9
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD3	15	1.66	0.62	1.9
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD2	15	1.66	0.62	1.9
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD3	15	1.66	0.62	1.9
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD2	15	1.66	0.62	1.9
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD3	15	1.66	0.62	1.9
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD2	15	1.66	0.62	1.9
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD3	15	1.66	0.62	1.9
(15,585)	1:148:A:CYS:HA	1:150:A:THR:H	15	1.65	0.29	1.71
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	15	1.62	1.12	2.07
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	15	1.62	1.12	2.07
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	15	1.62	1.12	2.07
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	15	1.62	1.12	2.07
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	15	1.62	1.12	2.07
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	15	1.62	1.12	2.07
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	15	1.62	1.12	2.07
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	15	1.62	1.12	2.07
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	15	1.62	1.12	2.07
(3,917)	1:21:A:THR:HB	1:24:A:ASP:H	15	1.6	0.55	1.72
(2,1922)	1:18:A:PHE:HE1	1:57:A:LEU:HG	15	1.58	0.76	1.68
(2,1922)	1:18:A:PHE:HE2	1:57:A:LEU:HG	15	1.58	0.76	1.68
(34,1903)	1:18:A:PHE:HE1	1:57:A:LEU:HG	15	1.58	0.76	1.68
(34,1903)	1:18:A:PHE:HE2	1:57:A:LEU:HG	15	1.58	0.76	1.68
(3,485)	1:145:A:PRO:HB2	1:148:A:CYS:H	15	1.51	0.64	1.31
(15,967)	1:33:A:LYS:HB2	1:80:A:TYR:HB2	15	1.48	0.7	1.46
(15,967)	1:33:A:LYS:HB3	1:80:A:TYR:HB2	15	1.48	0.7	1.46
(9,962)	1:11:A:ILE:HG12	1:43:A:MET:HB2	15	1.47	0.33	1.5
(16,978)	1:11:A:ILE:HG12	1:43:A:MET:HB2	15	1.47	0.33	1.5
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	15	1.47	0.58	1.46
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	15	1.47	0.58	1.46
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	15	1.47	0.58	1.46
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	15	1.47	0.58	1.46
(5,1361)	1:105:A:LYS:HG2	1:106:A:ASP:HA	15	1.46	0.67	1.82
(11,1363)	1:105:A:LYS:HG2	1:106:A:ASP:HA	15	1.46	0.67	1.82
(13,1315)	1:105:A:LYS:HG2	1:106:A:ASP:HA	15	1.46	0.67	1.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1675)	1:43:A:MET:HE1	1:135:A:GLN:H	15	1.44	0.95	1.43
(4,1675)	1:43:A:MET:HE2	1:135:A:GLN:H	15	1.44	0.95	1.43
(4,1675)	1:43:A:MET:HE3	1:135:A:GLN:H	15	1.44	0.95	1.43
(6,1696)	1:43:A:MET:HE1	1:135:A:GLN:H	15	1.44	0.95	1.43
(6,1696)	1:43:A:MET:HE2	1:135:A:GLN:H	15	1.44	0.95	1.43
(6,1696)	1:43:A:MET:HE3	1:135:A:GLN:H	15	1.44	0.95	1.43
(6,2029)	1:17:A:ASN:HD21	1:79:A:THR:H	15	1.42	1.43	0.98
(6,2029)	1:17:A:ASN:HD22	1:79:A:THR:H	15	1.42	1.43	0.98
(1,1636)	1:10:A:ASN:HB3	1:14:A:VAL:HB	15	1.42	0.64	1.6
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD11	15	1.42	0.42	1.5
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD12	15	1.42	0.42	1.5
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD13	15	1.42	0.42	1.5
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD21	15	1.42	0.42	1.5
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD22	15	1.42	0.42	1.5
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD23	15	1.42	0.42	1.5
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD11	15	1.42	0.42	1.5
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD12	15	1.42	0.42	1.5
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD13	15	1.42	0.42	1.5
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD21	15	1.42	0.42	1.5
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD22	15	1.42	0.42	1.5
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD23	15	1.42	0.42	1.5
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	15	1.41	0.36	1.5
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	15	1.41	0.36	1.5
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	15	1.41	0.36	1.5
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	15	1.41	0.36	1.5
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	15	1.37	0.36	1.46
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	15	1.37	0.36	1.46
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	15	1.37	0.36	1.46
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	15	1.37	0.36	1.46
(11,577)	1:148:A:CYS:HA	1:150:A:THR:H	15	1.36	0.29	1.42
(13,571)	1:148:A:CYS:HA	1:150:A:THR:H	15	1.36	0.29	1.42
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE1	15	1.34	0.63	1.38
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE2	15	1.34	0.63	1.38
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE1	15	1.34	0.63	1.38
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE2	15	1.34	0.63	1.38
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG2	15	1.33	0.22	1.4
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG3	15	1.33	0.22	1.4
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	15	1.32	0.36	1.4
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	15	1.32	0.36	1.4
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	15	1.32	0.36	1.4
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	15	1.32	0.36	1.4
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	15	1.32	0.36	1.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	15	1.32	0.36	1.4
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	15	1.32	0.36	1.4
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	15	1.32	0.36	1.4
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	15	1.32	0.36	1.4
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	15	1.32	0.36	1.4
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	15	1.32	0.36	1.4
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	15	1.32	0.36	1.4
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	15	1.31	0.63	1.34
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	15	1.31	0.63	1.34
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	15	1.31	0.63	1.34
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE1	15	1.3	0.63	1.34
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE2	15	1.3	0.63	1.34
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE1	15	1.3	0.63	1.34
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE2	15	1.3	0.63	1.34
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG21	15	1.27	0.52	1.45
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG22	15	1.27	0.52	1.45
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG23	15	1.27	0.52	1.45
(32,2038)	1:31:A:PRO:HD2	1:35:A:LEU:HG	15	1.27	0.73	1.18
(32,2038)	1:31:A:PRO:HD3	1:35:A:LEU:HG	15	1.27	0.73	1.18
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG11	15	1.26	0.89	1.11
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG12	15	1.26	0.89	1.11
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG13	15	1.26	0.89	1.11
(4,965)	1:15:A:ALA:HB1	1:134:A:VAL:HB	15	1.23	0.87	0.99
(4,965)	1:15:A:ALA:HB2	1:134:A:VAL:HB	15	1.23	0.87	0.99
(4,965)	1:15:A:ALA:HB3	1:134:A:VAL:HB	15	1.23	0.87	0.99
(6,963)	1:15:A:ALA:HB1	1:134:A:VAL:HB	15	1.23	0.87	0.99
(6,963)	1:15:A:ALA:HB2	1:134:A:VAL:HB	15	1.23	0.87	0.99
(6,963)	1:15:A:ALA:HB3	1:134:A:VAL:HB	15	1.23	0.87	0.99
(7,960)	1:15:A:ALA:HB1	1:134:A:VAL:HB	15	1.23	0.87	0.99
(7,960)	1:15:A:ALA:HB2	1:134:A:VAL:HB	15	1.23	0.87	0.99
(7,960)	1:15:A:ALA:HB3	1:134:A:VAL:HB	15	1.23	0.87	0.99
(33,981)	1:15:A:ALA:HB1	1:134:A:VAL:HB	15	1.23	0.87	0.99
(33,981)	1:15:A:ALA:HB2	1:134:A:VAL:HB	15	1.23	0.87	0.99
(33,981)	1:15:A:ALA:HB3	1:134:A:VAL:HB	15	1.23	0.87	0.99
(7,484)	1:145:A:PRO:HB3	1:148:A:CYS:H	15	1.21	0.55	0.95
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG21	15	1.19	0.66	0.98
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG22	15	1.19	0.66	0.98
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG23	15	1.19	0.66	0.98
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG21	15	1.19	0.66	0.98
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG22	15	1.19	0.66	0.98
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG23	15	1.19	0.66	0.98
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG21	15	1.19	0.66	0.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG22	15	1.19	0.66	0.98
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG23	15	1.19	0.66	0.98
(17,982)	1:47:A:ALA:HB1	1:134:A:VAL:HB	15	1.09	0.56	0.98
(17,982)	1:47:A:ALA:HB2	1:134:A:VAL:HB	15	1.09	0.56	0.98
(17,982)	1:47:A:ALA:HB3	1:134:A:VAL:HB	15	1.09	0.56	0.98
(18,1235)	1:79:A:THR:HG21	1:81:A:GLU:HA	15	1.08	0.45	0.99
(18,1235)	1:79:A:THR:HG22	1:81:A:GLU:HA	15	1.08	0.45	0.99
(18,1235)	1:79:A:THR:HG23	1:81:A:GLU:HA	15	1.08	0.45	0.99
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG11	15	1.05	0.75	0.84
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG12	15	1.05	0.75	0.84
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG13	15	1.05	0.75	0.84
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG21	15	1.05	0.75	0.84
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG22	15	1.05	0.75	0.84
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG23	15	1.05	0.75	0.84
(16,1475)	1:95:A:ILE:HG21	1:97:A:ASP:H	15	1.05	0.53	1.2
(16,1475)	1:95:A:ILE:HG22	1:97:A:ASP:H	15	1.05	0.53	1.2
(16,1475)	1:95:A:ILE:HG23	1:97:A:ASP:H	15	1.05	0.53	1.2
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG2	15	1.03	0.53	1.0
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG3	15	1.03	0.53	1.0
(15,1892)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	15	1.01	0.44	1.15
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD2	15	0.99	0.53	1.16
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD3	15	0.99	0.53	1.16
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD11	15	0.97	0.5	1.0
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD12	15	0.97	0.5	1.0
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD13	15	0.97	0.5	1.0
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD21	15	0.97	0.5	1.0
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD22	15	0.97	0.5	1.0
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD23	15	0.97	0.5	1.0
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD11	15	0.97	0.5	1.0
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD12	15	0.97	0.5	1.0
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD13	15	0.97	0.5	1.0
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD21	15	0.97	0.5	1.0
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD22	15	0.97	0.5	1.0
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD23	15	0.97	0.5	1.0
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD11	15	0.97	0.5	1.0
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD12	15	0.97	0.5	1.0
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD13	15	0.97	0.5	1.0
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD21	15	0.97	0.5	1.0
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD22	15	0.97	0.5	1.0
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD23	15	0.97	0.5	1.0
(3,692)	1:145:A:PRO:HB3	1:148:A:CYS:H	15	0.97	0.55	0.71
(30,687)	1:145:A:PRO:HB3	1:148:A:CYS:H	15	0.97	0.55	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE1	15	0.96	0.35	0.9
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE2	15	0.96	0.35	0.9
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE3	15	0.96	0.35	0.9
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE1	15	0.96	0.35	0.9
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE2	15	0.96	0.35	0.9
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE3	15	0.96	0.35	0.9
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE1	15	0.96	0.35	0.9
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE2	15	0.96	0.35	0.9
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE3	15	0.96	0.35	0.9
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE1	15	0.96	0.35	0.9
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE2	15	0.96	0.35	0.9
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE3	15	0.96	0.35	0.9
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE1	15	0.96	0.35	0.9
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE2	15	0.96	0.35	0.9
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE3	15	0.96	0.35	0.9
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE1	15	0.96	0.35	0.9
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE2	15	0.96	0.35	0.9
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE3	15	0.96	0.35	0.9
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB2	15	0.96	0.59	0.79
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB3	15	0.96	0.59	0.79
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB2	15	0.96	0.59	0.79
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB3	15	0.96	0.59	0.79
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB2	15	0.96	0.59	0.79
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB3	15	0.96	0.59	0.79
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB2	15	0.96	0.59	0.79
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB3	15	0.96	0.59	0.79
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB2	15	0.96	0.59	0.79
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB3	15	0.96	0.59	0.79
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB2	15	0.96	0.59	0.79
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB3	15	0.96	0.59	0.79
(16,2141)	1:40:A:LEU:HD11	1:43:A:MET:HG3	15	0.92	0.42	0.77
(16,2141)	1:40:A:LEU:HD12	1:43:A:MET:HG3	15	0.92	0.42	0.77
(16,2141)	1:40:A:LEU:HD13	1:43:A:MET:HG3	15	0.92	0.42	0.77
(16,2141)	1:40:A:LEU:HD21	1:43:A:MET:HG3	15	0.92	0.42	0.77
(16,2141)	1:40:A:LEU:HD22	1:43:A:MET:HG3	15	0.92	0.42	0.77
(16,2141)	1:40:A:LEU:HD23	1:43:A:MET:HG3	15	0.92	0.42	0.77
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD11	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD12	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD13	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD21	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD22	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD23	15	0.91	0.82	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD11	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD12	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD13	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD21	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD22	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD23	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD11	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD12	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD13	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD21	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD22	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD23	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD11	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD12	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD13	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD21	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD22	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD23	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD11	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD12	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD13	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD21	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD22	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD23	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD11	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD12	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD13	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD21	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD22	15	0.91	0.82	0.5
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD23	15	0.91	0.82	0.5
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	15	0.9	0.36	1.14
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	15	0.9	0.36	1.14
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	15	0.9	0.36	1.14
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	15	0.9	0.36	1.14
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	15	0.9	0.36	1.14
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	15	0.9	0.36	1.14
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	15	0.9	0.36	1.14
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	15	0.9	0.36	1.14
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	15	0.9	0.36	1.14
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	15	0.9	0.36	1.14
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	15	0.9	0.36	1.14
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	15	0.9	0.36	1.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	15	0.9	0.36	1.14
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	15	0.9	0.36	1.14
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	15	0.9	0.36	1.14
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	15	0.9	0.36	1.14
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	15	0.9	0.36	1.14
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	15	0.9	0.36	1.14
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE1	15	0.9	0.37	0.82
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE2	15	0.9	0.37	0.82
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE1	15	0.9	0.37	0.82
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE2	15	0.9	0.37	0.82
(3,1580)	1:40:A:LEU:HD11	1:43:A:MET:H	15	0.9	0.58	0.66
(3,1580)	1:40:A:LEU:HD12	1:43:A:MET:H	15	0.9	0.58	0.66
(3,1580)	1:40:A:LEU:HD13	1:43:A:MET:H	15	0.9	0.58	0.66
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD11	15	0.89	0.4	0.88
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD12	15	0.89	0.4	0.88
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD13	15	0.89	0.4	0.88
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD21	15	0.89	0.4	0.88
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD22	15	0.89	0.4	0.88
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD23	15	0.89	0.4	0.88
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD11	15	0.89	0.4	0.88
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD12	15	0.89	0.4	0.88
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD13	15	0.89	0.4	0.88
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD21	15	0.89	0.4	0.88
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD22	15	0.89	0.4	0.88
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD23	15	0.89	0.4	0.88
(1,936)	1:43:A:MET:HA	1:44:A:GLU:HG2	15	0.88	0.62	1.27
(5,914)	1:43:A:MET:HA	1:44:A:GLU:HG2	15	0.88	0.62	1.27
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	15	0.87	0.22	0.92
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	15	0.87	0.22	0.92
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	15	0.87	0.22	0.92
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD21	15	0.83	0.71	0.56
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD22	15	0.83	0.71	0.56
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD23	15	0.83	0.71	0.56
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	15	0.79	0.33	0.73
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	15	0.79	0.33	0.73
(17,599)	1:55:A:GLY:H	1:122:A:ASP:HB3	15	0.76	0.36	0.83
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	15	0.76	0.61	0.5
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	15	0.76	0.61	0.5
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	15	0.76	0.61	0.5
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	15	0.76	0.61	0.5
(7,1685)	1:79:A:THR:HG21	1:81:A:GLU:HB3	15	0.75	0.53	0.64
(7,1685)	1:79:A:THR:HG22	1:81:A:GLU:HB3	15	0.75	0.53	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1685)	1:79:A:THR:HG23	1:81:A:GLU:HB3	15	0.75	0.53	0.64
(19,15)	1:52:A:CYS:SG	1:127:A:CYS:CB	15	0.75	0.51	0.6
(5,1790)	1:97:A:ASP:HA	1:105:A:LYS:HG3	15	0.75	0.15	0.75
(11,1800)	1:97:A:ASP:HA	1:105:A:LYS:HG3	15	0.75	0.15	0.75
(34,1775)	1:97:A:ASP:HA	1:105:A:LYS:HG3	15	0.75	0.15	0.75
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG2	15	0.74	0.2	0.81
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG3	15	0.74	0.2	0.81
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG2	15	0.74	0.2	0.81
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG3	15	0.74	0.2	0.81
(6,217)	1:44:A:GLU:HG2	1:48:A:ARG:H	15	0.73	0.42	0.62
(7,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	15	0.73	0.42	0.62
(30,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	15	0.73	0.42	0.62
(29,1040)	1:8:A:ASP:H	1:58:A:ILE:HG12	15	0.72	0.62	0.58
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD11	15	0.68	0.39	0.51
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD12	15	0.68	0.39	0.51
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD13	15	0.68	0.39	0.51
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD21	15	0.68	0.39	0.51
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD22	15	0.68	0.39	0.51
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD23	15	0.68	0.39	0.51
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	15	0.67	0.24	0.74
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	15	0.67	0.24	0.74
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	15	0.67	0.24	0.74
(16,1530)	1:69:A:MET:HE1	1:76:A:ARG:HB3	15	0.66	0.36	0.57
(16,1530)	1:69:A:MET:HE2	1:76:A:ARG:HB3	15	0.66	0.36	0.57
(16,1530)	1:69:A:MET:HE3	1:76:A:ARG:HB3	15	0.66	0.36	0.57
(29,970)	1:15:A:ALA:HB1	1:43:A:MET:HB2	15	0.66	0.32	0.77
(29,970)	1:15:A:ALA:HB2	1:43:A:MET:HB2	15	0.66	0.32	0.77
(29,970)	1:15:A:ALA:HB3	1:43:A:MET:HB2	15	0.66	0.32	0.77
(1,1591)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	15	0.63	0.32	0.52
(1,1591)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	15	0.63	0.32	0.52
(1,1591)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	15	0.63	0.32	0.52
(11,67)	1:80:A:TYR:HA	1:81:A:GLU:H	15	0.63	0.02	0.62
(15,66)	1:80:A:TYR:HA	1:81:A:GLU:H	15	0.63	0.02	0.62
(30,62)	1:80:A:TYR:HA	1:81:A:GLU:H	15	0.63	0.02	0.62
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE1	15	0.62	0.34	0.53
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE2	15	0.62	0.34	0.53
(16,303)	1:43:A:MET:H	1:43:A:MET:HG2	15	0.61	0.22	0.64
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	15	0.61	0.41	0.56
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	15	0.61	0.41	0.56
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	15	0.61	0.41	0.56
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	15	0.61	0.41	0.56
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	15	0.61	0.41	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	15	0.61	0.41	0.56
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	15	0.61	0.41	0.56
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	15	0.61	0.41	0.56
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	15	0.61	0.41	0.56
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	15	0.61	0.41	0.56
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	15	0.61	0.41	0.56
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	15	0.61	0.41	0.56
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	15	0.61	0.41	0.56
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	15	0.61	0.41	0.56
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	15	0.61	0.41	0.56
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	15	0.61	0.41	0.56
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	15	0.61	0.32	0.56
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	15	0.61	0.32	0.56
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	15	0.61	0.32	0.56
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	15	0.61	0.32	0.56
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	15	0.61	0.32	0.56
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	15	0.61	0.32	0.56
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	15	0.61	0.32	0.56
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	15	0.61	0.32	0.56
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	15	0.61	0.32	0.56
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	15	0.61	0.32	0.56
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	15	0.61	0.32	0.56
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	15	0.61	0.32	0.56
(1,1880)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	15	0.6	0.3	0.59
(1,1880)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	15	0.6	0.3	0.59
(5,1892)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	15	0.6	0.3	0.59
(5,1892)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	15	0.6	0.3	0.59
(13,1783)	1:9:A:PHE:HZ	1:54:A:ARG:HA	15	0.6	0.33	0.62
(15,32)	1:96:A:VAL:H	1:97:A:ASP:H	15	0.6	0.27	0.64
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	15	0.59	0.25	0.58
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	15	0.59	0.25	0.58
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	15	0.59	0.25	0.58
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	15	0.59	0.25	0.58
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	15	0.59	0.25	0.58
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	15	0.59	0.25	0.58
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	15	0.59	0.25	0.58
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	15	0.59	0.25	0.58
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	15	0.59	0.25	0.58
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	15	0.59	0.25	0.58
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	15	0.59	0.25	0.58
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	15	0.59	0.25	0.58
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	15	0.59	0.25	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	15	0.59	0.25	0.58
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	15	0.59	0.25	0.58
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	15	0.59	0.25	0.58
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	15	0.59	0.25	0.58
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	15	0.59	0.25	0.58
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	15	0.59	0.25	0.58
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	15	0.59	0.25	0.58
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	15	0.59	0.25	0.58
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	15	0.59	0.25	0.58
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	15	0.59	0.25	0.58
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	15	0.59	0.25	0.58
(16,90)	1:96:A:VAL:H	1:97:A:ASP:H	15	0.57	0.27	0.61
(5,1075)	1:54:A:ARG:HA	1:58:A:ILE:HB	15	0.57	0.23	0.64
(16,35)	1:95:A:ILE:HB	1:96:A:VAL:H	15	0.55	0.24	0.64
(29,37)	1:95:A:ILE:HB	1:96:A:VAL:H	15	0.55	0.24	0.64
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD11	15	0.55	0.34	0.46
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD12	15	0.55	0.34	0.46
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD13	15	0.55	0.34	0.46
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD21	15	0.55	0.34	0.46
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD22	15	0.55	0.34	0.46
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD23	15	0.55	0.34	0.46
(15,675)	1:63:A:ILE:HG12	1:117:A:VAL:H	15	0.54	0.29	0.47
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB2	15	0.54	0.16	0.52
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB3	15	0.54	0.16	0.52
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB2	15	0.54	0.16	0.52
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB3	15	0.54	0.16	0.52
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB2	15	0.54	0.16	0.52
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB3	15	0.54	0.16	0.52
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB2	15	0.54	0.16	0.52
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB3	15	0.54	0.16	0.52
(3,350)	1:73:A:ILE:HD11	1:111:A:GLU:H	15	0.52	0.21	0.56
(3,350)	1:73:A:ILE:HD12	1:111:A:GLU:H	15	0.52	0.21	0.56
(3,350)	1:73:A:ILE:HD13	1:111:A:GLU:H	15	0.52	0.21	0.56
(16,355)	1:73:A:ILE:HD11	1:111:A:GLU:H	15	0.52	0.21	0.56
(16,355)	1:73:A:ILE:HD12	1:111:A:GLU:H	15	0.52	0.21	0.56
(16,355)	1:73:A:ILE:HD13	1:111:A:GLU:H	15	0.52	0.21	0.56
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	15	0.51	0.04	0.52
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	15	0.51	0.04	0.52
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	15	0.51	0.04	0.52
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	15	0.51	0.04	0.52
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	15	0.51	0.04	0.52
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	15	0.51	0.04	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	15	0.51	0.3	0.37
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	15	0.51	0.3	0.37
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	15	0.51	0.3	0.37
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	15	0.51	0.3	0.37
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	15	0.51	0.3	0.37
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	15	0.51	0.3	0.37
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	15	0.51	0.3	0.37
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	15	0.51	0.3	0.37
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	15	0.51	0.3	0.37
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	15	0.51	0.3	0.37
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	15	0.51	0.3	0.37
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	15	0.51	0.3	0.37
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	15	0.51	0.3	0.37
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	15	0.51	0.3	0.37
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	15	0.51	0.3	0.37
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	15	0.51	0.3	0.37
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	15	0.51	0.3	0.37
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	15	0.51	0.3	0.37
(6,131)	1:11:A:ILE:HG13	1:12:A:VAL:H	15	0.51	0.05	0.5
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB2	15	0.47	0.11	0.49
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB3	15	0.47	0.11	0.49
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD11	15	0.47	0.29	0.39
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD12	15	0.47	0.29	0.39
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD13	15	0.47	0.29	0.39
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	15	0.46	0.18	0.45
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	15	0.46	0.18	0.45
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	15	0.46	0.18	0.45
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	15	0.46	0.18	0.45
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	15	0.46	0.18	0.45
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	15	0.46	0.18	0.45
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	15	0.45	0.21	0.42
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	15	0.45	0.21	0.42
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	15	0.45	0.21	0.42
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	15	0.45	0.21	0.42
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	15	0.45	0.21	0.42
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	15	0.45	0.21	0.42
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	15	0.45	0.21	0.42
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	15	0.45	0.21	0.42
(11,1307)	1:68:A:LYS:HG2	1:70:A:LYS:H	15	0.45	0.16	0.4
(11,1307)	1:68:A:LYS:HG3	1:70:A:LYS:H	15	0.45	0.16	0.4
(1,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	15	0.43	0.19	0.43
(1,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	15	0.43	0.19	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	15	0.43	0.19	0.43
(5,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	15	0.43	0.19	0.43
(5,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	15	0.43	0.19	0.43
(5,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	15	0.43	0.19	0.43
(15,1578)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	15	0.43	0.19	0.43
(15,1578)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	15	0.43	0.19	0.43
(15,1578)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	15	0.43	0.19	0.43
(18,1570)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	15	0.43	0.19	0.43
(18,1570)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	15	0.43	0.19	0.43
(18,1570)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	15	0.43	0.19	0.43
(29,1598)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	15	0.43	0.19	0.43
(29,1598)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	15	0.43	0.19	0.43
(29,1598)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	15	0.43	0.19	0.43
(33,1573)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	15	0.43	0.19	0.43
(33,1573)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	15	0.43	0.19	0.43
(33,1573)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	15	0.43	0.19	0.43
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	15	0.43	0.18	0.42
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	15	0.43	0.18	0.42
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	15	0.43	0.18	0.42
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	15	0.43	0.18	0.42
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	15	0.43	0.18	0.42
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	15	0.43	0.18	0.42
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD11	15	0.41	0.14	0.35
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD12	15	0.41	0.14	0.35
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD13	15	0.41	0.14	0.35
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD11	15	0.41	0.14	0.35
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD12	15	0.41	0.14	0.35
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD13	15	0.41	0.14	0.35
(2,1172)	1:128:A:LEU:HD11	1:129:A:LYS:H	15	0.41	0.13	0.46
(2,1172)	1:128:A:LEU:HD12	1:129:A:LYS:H	15	0.41	0.13	0.46
(2,1172)	1:128:A:LEU:HD13	1:129:A:LYS:H	15	0.41	0.13	0.46
(15,1577)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	15	0.4	0.09	0.42
(15,1577)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	15	0.4	0.09	0.42
(15,1577)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	15	0.4	0.09	0.42
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB1	15	0.4	0.23	0.39
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB2	15	0.4	0.23	0.39
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB3	15	0.4	0.23	0.39
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB1	15	0.4	0.23	0.39
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB2	15	0.4	0.23	0.39
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB3	15	0.4	0.23	0.39
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB1	15	0.4	0.23	0.39
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB2	15	0.4	0.23	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB3	15	0.4	0.23	0.39
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB1	15	0.4	0.23	0.39
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB2	15	0.4	0.23	0.39
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB3	15	0.4	0.23	0.39
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB1	15	0.4	0.23	0.39
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB2	15	0.4	0.23	0.39
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB3	15	0.4	0.23	0.39
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB1	15	0.4	0.23	0.39
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB2	15	0.4	0.23	0.39
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB3	15	0.4	0.23	0.39
(3,1248)	1:144:A:LEU:HD21	1:145:A:PRO:HD2	15	0.39	0.24	0.3
(3,1248)	1:144:A:LEU:HD22	1:145:A:PRO:HD2	15	0.39	0.24	0.3
(3,1248)	1:144:A:LEU:HD23	1:145:A:PRO:HD2	15	0.39	0.24	0.3
(15,55)	1:98:A:ILE:H	1:101:A:ILE:HG13	15	0.38	0.15	0.39
(32,49)	1:98:A:ILE:H	1:101:A:ILE:HG13	15	0.38	0.15	0.39
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE1	15	0.37	0.18	0.3
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE2	15	0.37	0.18	0.3
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE3	15	0.37	0.18	0.3
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE1	15	0.37	0.07	0.33
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE2	15	0.37	0.07	0.33
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE3	15	0.37	0.07	0.33
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG21	15	0.36	0.05	0.37
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG22	15	0.36	0.05	0.37
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG23	15	0.36	0.05	0.37
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE1	15	0.35	0.11	0.41
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE2	15	0.35	0.11	0.41
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE3	15	0.35	0.11	0.41
(2,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	15	0.35	0.12	0.32
(2,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	15	0.35	0.12	0.32
(2,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	15	0.35	0.12	0.32
(13,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	15	0.35	0.12	0.32
(13,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	15	0.35	0.12	0.32
(13,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	15	0.35	0.12	0.32
(5,266)	1:112:A:GLN:H	1:112:A:GLN:HE21	15	0.34	0.15	0.34
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	15	0.33	0.11	0.36
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	15	0.33	0.11	0.36
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	15	0.33	0.11	0.36
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	15	0.33	0.11	0.36
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	15	0.33	0.11	0.36
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	15	0.33	0.11	0.36
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	15	0.33	0.11	0.36
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	15	0.33	0.11	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	15	0.33	0.11	0.36
(4,72)	1:44:A:GLU:HB2	1:45:A:ALA:H	15	0.32	0.02	0.32
(4,72)	1:44:A:GLU:HB3	1:45:A:ALA:H	15	0.32	0.02	0.32
(5,67)	1:44:A:GLU:HB2	1:45:A:ALA:H	15	0.32	0.02	0.32
(5,67)	1:44:A:GLU:HB3	1:45:A:ALA:H	15	0.32	0.02	0.32
(16,793)	1:63:A:ILE:HD11	1:64:A:LYS:H	15	0.32	0.08	0.3
(16,793)	1:63:A:ILE:HD12	1:64:A:LYS:H	15	0.32	0.08	0.3
(16,793)	1:63:A:ILE:HD13	1:64:A:LYS:H	15	0.32	0.08	0.3
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG11	15	0.28	0.1	0.31
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG12	15	0.28	0.1	0.31
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG13	15	0.28	0.1	0.31
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	15	0.28	0.1	0.25
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	15	0.28	0.1	0.25
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	15	0.28	0.1	0.25
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	15	0.28	0.1	0.25
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG21	15	0.23	0.07	0.26
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG22	15	0.23	0.07	0.26
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG23	15	0.23	0.07	0.26
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD11	15	0.22	0.03	0.2
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD12	15	0.22	0.03	0.2
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD13	15	0.22	0.03	0.2
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD11	15	0.22	0.03	0.2
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD12	15	0.22	0.03	0.2
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD13	15	0.22	0.03	0.2
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	15	0.22	0.03	0.2
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	15	0.22	0.03	0.2
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	15	0.22	0.03	0.2
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	15	0.22	0.03	0.2
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	15	0.22	0.03	0.2
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	15	0.22	0.03	0.2
(11,2072)	1:32:A:GLY:HA2	1:33:A:LYS:H	15	0.13	0.03	0.13
(11,2072)	1:32:A:GLY:HA3	1:33:A:LYS:H	15	0.13	0.03	0.13
(16,2068)	1:32:A:GLY:HA2	1:33:A:LYS:H	15	0.13	0.03	0.13
(16,2068)	1:32:A:GLY:HA3	1:33:A:LYS:H	15	0.13	0.03	0.13
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD11	15	0.13	0.01	0.13
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD12	15	0.13	0.01	0.13
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD13	15	0.13	0.01	0.13
(15,1536)	1:144:A:LEU:HD21	1:147:A:ARG:HE	14	6.21	2.64	7.1
(15,1536)	1:144:A:LEU:HD22	1:147:A:ARG:HE	14	6.21	2.64	7.1
(15,1536)	1:144:A:LEU:HD23	1:147:A:ARG:HE	14	6.21	2.64	7.1
(29,1560)	1:144:A:LEU:HD21	1:147:A:ARG:HE	14	6.21	2.64	7.1
(29,1560)	1:144:A:LEU:HD22	1:147:A:ARG:HE	14	6.21	2.64	7.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,1560)	1:144:A:LEU:HD23	1:147:A:ARG:HE	14	6.21	2.64	7.1
(9,696)	1:144:A:LEU:HD11	1:147:A:ARG:HE	14	5.49	2.09	6.19
(9,696)	1:144:A:LEU:HD12	1:147:A:ARG:HE	14	5.49	2.09	6.19
(9,696)	1:144:A:LEU:HD13	1:147:A:ARG:HE	14	5.49	2.09	6.19
(17,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	14	5.49	2.09	6.19
(17,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	14	5.49	2.09	6.19
(17,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	14	5.49	2.09	6.19
(33,701)	1:144:A:LEU:HD11	1:147:A:ARG:HE	14	5.49	2.09	6.19
(33,701)	1:144:A:LEU:HD12	1:147:A:ARG:HE	14	5.49	2.09	6.19
(33,701)	1:144:A:LEU:HD13	1:147:A:ARG:HE	14	5.49	2.09	6.19
(33,2494)	1:144:A:LEU:HB2	1:147:A:ARG:HE	14	5.45	2.17	6.07
(33,2494)	1:144:A:LEU:HB3	1:147:A:ARG:HE	14	5.45	2.17	6.07
(29,2440)	1:144:A:LEU:HB2	1:147:A:ARG:HE	14	5.33	2.17	5.96
(29,2440)	1:144:A:LEU:HB3	1:147:A:ARG:HE	14	5.33	2.17	5.96
(33,1131)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	14	4.36	1.65	4.97
(33,1131)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	14	4.36	1.65	4.97
(33,1131)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	14	4.36	1.65	4.97
(33,1131)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	14	4.36	1.65	4.97
(33,1131)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	14	4.36	1.65	4.97
(33,1131)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	14	4.36	1.65	4.97
(16,1698)	1:27:A:ARG:HA	1:31:A:PRO:HD2	14	4.34	0.92	4.37
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD11	14	4.25	2.59	3.68
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD12	14	4.25	2.59	3.68
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD13	14	4.25	2.59	3.68
(13,829)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	14	4.18	1.7	4.44
(13,829)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	14	4.18	1.7	4.44
(7,2004)	1:27:A:ARG:HA	1:31:A:PRO:HD2	14	3.52	0.98	3.73
(7,2004)	1:27:A:ARG:HA	1:31:A:PRO:HD3	14	3.52	0.98	3.73
(7,1994)	1:23:A:LEU:HB2	1:146:A:GLN:HG2	14	3.5	2.04	3.37
(7,1994)	1:23:A:LEU:HB2	1:146:A:GLN:HG3	14	3.5	2.04	3.37
(7,1994)	1:23:A:LEU:HB3	1:146:A:GLN:HG2	14	3.5	2.04	3.37
(7,1994)	1:23:A:LEU:HB3	1:146:A:GLN:HG3	14	3.5	2.04	3.37
(17,2049)	1:23:A:LEU:HB2	1:146:A:GLN:HG2	14	3.5	2.04	3.37
(17,2049)	1:23:A:LEU:HB2	1:146:A:GLN:HG3	14	3.5	2.04	3.37
(17,2049)	1:23:A:LEU:HB3	1:146:A:GLN:HG2	14	3.5	2.04	3.37
(17,2049)	1:23:A:LEU:HB3	1:146:A:GLN:HG3	14	3.5	2.04	3.37
(11,843)	1:43:A:MET:HE1	1:144:A:LEU:HB2	14	3.3	1.31	3.38
(11,843)	1:43:A:MET:HE2	1:144:A:LEU:HB2	14	3.3	1.31	3.38
(11,843)	1:43:A:MET:HE3	1:144:A:LEU:HB2	14	3.3	1.31	3.38
(11,843)	1:43:A:MET:HE1	1:144:A:LEU:HB3	14	3.3	1.31	3.38
(11,843)	1:43:A:MET:HE2	1:144:A:LEU:HB3	14	3.3	1.31	3.38
(11,843)	1:43:A:MET:HE3	1:144:A:LEU:HB3	14	3.3	1.31	3.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,1217)	1:33:A:LYS:HB2	1:81:A:GLU:HA	14	3.16	1.11	2.98
(30,1217)	1:33:A:LYS:HB3	1:81:A:GLU:HA	14	3.16	1.11	2.98
(32,1188)	1:33:A:LYS:HB2	1:81:A:GLU:HA	14	3.16	1.11	2.98
(32,1188)	1:33:A:LYS:HB3	1:81:A:GLU:HA	14	3.16	1.11	2.98
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD11	14	3.05	1.75	2.28
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD12	14	3.05	1.75	2.28
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD13	14	3.05	1.75	2.28
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD21	14	3.05	1.75	2.28
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD22	14	3.05	1.75	2.28
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD23	14	3.05	1.75	2.28
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD11	14	3.03	1.88	3.22
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD12	14	3.03	1.88	3.22
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD13	14	3.03	1.88	3.22
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD11	14	3.03	1.88	3.22
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD12	14	3.03	1.88	3.22
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD13	14	3.03	1.88	3.22
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD11	14	3.03	1.88	3.22
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD12	14	3.03	1.88	3.22
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD13	14	3.03	1.88	3.22
(2,841)	1:43:A:MET:HE1	1:144:A:LEU:HB2	14	3.03	1.31	3.11
(2,841)	1:43:A:MET:HE2	1:144:A:LEU:HB2	14	3.03	1.31	3.11
(2,841)	1:43:A:MET:HE3	1:144:A:LEU:HB2	14	3.03	1.31	3.11
(2,841)	1:43:A:MET:HE1	1:144:A:LEU:HB3	14	3.03	1.31	3.11
(2,841)	1:43:A:MET:HE2	1:144:A:LEU:HB3	14	3.03	1.31	3.11
(2,841)	1:43:A:MET:HE3	1:144:A:LEU:HB3	14	3.03	1.31	3.11
(30,2060)	1:31:A:PRO:HD2	1:143:A:TRP:HA	14	2.86	1.4	3.02
(30,2060)	1:31:A:PRO:HD3	1:143:A:TRP:HA	14	2.86	1.4	3.02
(18,1373)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	14	2.85	1.42	2.84
(18,1373)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	14	2.85	1.42	2.84
(18,1373)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	14	2.85	1.42	2.84
(18,1373)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	14	2.85	1.42	2.84
(18,1373)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	14	2.85	1.42	2.84
(18,1373)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	14	2.85	1.42	2.84
(17,2170)	1:43:A:MET:HE1	1:144:A:LEU:HB2	14	2.8	1.24	2.86
(17,2170)	1:43:A:MET:HE1	1:144:A:LEU:HB3	14	2.8	1.24	2.86
(17,2170)	1:43:A:MET:HE2	1:144:A:LEU:HB2	14	2.8	1.24	2.86
(17,2170)	1:43:A:MET:HE2	1:144:A:LEU:HB3	14	2.8	1.24	2.86
(17,2170)	1:43:A:MET:HE3	1:144:A:LEU:HB2	14	2.8	1.24	2.86
(17,2170)	1:43:A:MET:HE3	1:144:A:LEU:HB3	14	2.8	1.24	2.86
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD21	14	2.8	1.1	2.62
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD22	14	2.8	1.1	2.62
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD23	14	2.8	1.1	2.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD21	14	2.8	1.1	2.62
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD22	14	2.8	1.1	2.62
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD23	14	2.8	1.1	2.62
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD21	14	2.8	1.1	2.62
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD22	14	2.8	1.1	2.62
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD23	14	2.8	1.1	2.62
(16,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	14	2.76	1.37	3.02
(16,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	14	2.76	1.37	3.02
(16,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	14	2.76	1.37	3.02
(16,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	14	2.76	1.37	3.02
(16,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	14	2.76	1.37	3.02
(16,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	14	2.76	1.37	3.02
(16,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	14	2.76	1.37	3.02
(16,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	14	2.76	1.37	3.02
(16,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	14	2.76	1.37	3.02
(16,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	14	2.76	1.37	3.02
(16,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	14	2.76	1.37	3.02
(16,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	14	2.76	1.37	3.02
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD21	14	2.76	1.1	2.58
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD22	14	2.76	1.1	2.58
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD23	14	2.76	1.1	2.58
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD21	14	2.76	1.1	2.58
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD22	14	2.76	1.1	2.58
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD23	14	2.76	1.1	2.58
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD21	14	2.76	1.1	2.58
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD22	14	2.76	1.1	2.58
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD23	14	2.76	1.1	2.58
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	14	2.69	2.12	2.67
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	14	2.69	2.12	2.67
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	14	2.69	2.12	2.67
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	14	2.69	2.12	2.67
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	14	2.69	2.12	2.67
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	14	2.69	2.12	2.67
(3,1875)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	14	2.66	1.33	2.88
(3,1875)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	14	2.66	1.33	2.88
(3,1875)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	14	2.66	1.33	2.88
(3,1875)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	14	2.66	1.33	2.88
(17,2074)	1:31:A:PRO:HD2	1:143:A:TRP:HA	14	2.63	1.4	2.78
(17,2074)	1:31:A:PRO:HD3	1:143:A:TRP:HA	14	2.63	1.4	2.78
(3,1465)	1:31:A:PRO:HD3	1:143:A:TRP:HA	14	2.58	1.43	2.72
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD21	14	2.56	1.1	2.38
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD22	14	2.56	1.1	2.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD23	14	2.56	1.1	2.38
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD21	14	2.56	1.1	2.38
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD22	14	2.56	1.1	2.38
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD23	14	2.56	1.1	2.38
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD21	14	2.56	1.1	2.38
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD22	14	2.56	1.1	2.38
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD23	14	2.56	1.1	2.38
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD11	14	2.36	1.32	2.3
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD12	14	2.36	1.32	2.3
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD13	14	2.36	1.32	2.3
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD21	14	2.19	1.1	2.02
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD22	14	2.19	1.1	2.02
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD23	14	2.19	1.1	2.02
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD21	14	2.19	1.1	2.02
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD22	14	2.19	1.1	2.02
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD23	14	2.19	1.1	2.02
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD21	14	2.19	1.1	2.02
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD22	14	2.19	1.1	2.02
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD23	14	2.19	1.1	2.02
(11,122)	1:78:A:HIS:HA	1:80:A:TYR:H	14	2.13	0.87	2.59
(3,122)	1:78:A:HIS:HA	1:80:A:TYR:H	14	2.11	0.87	2.57
(16,121)	1:78:A:HIS:HA	1:80:A:TYR:H	14	2.11	0.87	2.57
(1,2052)	1:30:A:LEU:HD11	1:144:A:LEU:HA	14	2.06	0.8	2.05
(1,2052)	1:30:A:LEU:HD12	1:144:A:LEU:HA	14	2.06	0.8	2.05
(1,2052)	1:30:A:LEU:HD13	1:144:A:LEU:HA	14	2.06	0.8	2.05
(1,2052)	1:30:A:LEU:HD21	1:144:A:LEU:HA	14	2.06	0.8	2.05
(1,2052)	1:30:A:LEU:HD22	1:144:A:LEU:HA	14	2.06	0.8	2.05
(1,2052)	1:30:A:LEU:HD23	1:144:A:LEU:HA	14	2.06	0.8	2.05
(18,124)	1:78:A:HIS:HA	1:80:A:TYR:H	14	2.01	0.87	2.47
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD11	14	1.95	1.19	1.76
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD12	14	1.95	1.19	1.76
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD13	14	1.95	1.19	1.76
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD21	14	1.95	1.19	1.76
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD22	14	1.95	1.19	1.76
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD23	14	1.95	1.19	1.76
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD11	14	1.95	1.19	1.76
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD12	14	1.95	1.19	1.76
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD13	14	1.95	1.19	1.76
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD21	14	1.95	1.19	1.76
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD22	14	1.95	1.19	1.76
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD23	14	1.95	1.19	1.76
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD11	14	1.94	0.97	1.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD12	14	1.94	0.97	1.65
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD13	14	1.94	0.97	1.65
(33,1634)	1:102:A:PRO:HA	1:105:A:LYS:HD2	14	1.86	0.86	2.31
(33,1634)	1:102:A:PRO:HA	1:105:A:LYS:HD3	14	1.86	0.86	2.31
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD21	14	1.84	0.8	1.66
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD22	14	1.84	0.8	1.66
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD23	14	1.84	0.8	1.66
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB1	14	1.78	1.45	1.6
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB2	14	1.78	1.45	1.6
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB3	14	1.78	1.45	1.6
(3,1729)	1:43:A:MET:HE1	1:131:A:LEU:HA	14	1.76	1.16	1.58
(3,1729)	1:43:A:MET:HE2	1:131:A:LEU:HA	14	1.76	1.16	1.58
(3,1729)	1:43:A:MET:HE3	1:131:A:LEU:HA	14	1.76	1.16	1.58
(4,1677)	1:43:A:MET:HE1	1:131:A:LEU:HA	14	1.76	1.16	1.58
(4,1677)	1:43:A:MET:HE2	1:131:A:LEU:HA	14	1.76	1.16	1.58
(4,1677)	1:43:A:MET:HE3	1:131:A:LEU:HA	14	1.76	1.16	1.58
(6,1699)	1:43:A:MET:HE1	1:131:A:LEU:HA	14	1.76	1.16	1.58
(6,1699)	1:43:A:MET:HE2	1:131:A:LEU:HA	14	1.76	1.16	1.58
(6,1699)	1:43:A:MET:HE3	1:131:A:LEU:HA	14	1.76	1.16	1.58
(7,1666)	1:43:A:MET:HE1	1:131:A:LEU:HA	14	1.76	1.16	1.58
(7,1666)	1:43:A:MET:HE2	1:131:A:LEU:HA	14	1.76	1.16	1.58
(7,1666)	1:43:A:MET:HE3	1:131:A:LEU:HA	14	1.76	1.16	1.58
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	14	1.76	0.29	1.66
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	14	1.76	0.29	1.66
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	14	1.76	0.29	1.66
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	14	1.76	0.29	1.66
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	14	1.76	0.29	1.66
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	14	1.76	0.29	1.66
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	14	1.76	0.29	1.66
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	14	1.76	0.29	1.66
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	14	1.76	0.29	1.66
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	14	1.76	0.29	1.66
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	14	1.76	0.29	1.66
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	14	1.76	0.29	1.66
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	14	1.76	0.29	1.66
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	14	1.76	0.29	1.66
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	14	1.76	0.29	1.66
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	14	1.76	0.29	1.66
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	14	1.76	0.29	1.66
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	14	1.76	0.29	1.66
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	14	1.75	0.66	1.7
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	14	1.75	0.66	1.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	14	1.75	0.66	1.7
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	14	1.75	0.66	1.7
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	14	1.75	0.66	1.7
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	14	1.75	0.66	1.7
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	14	1.75	0.66	1.7
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	14	1.75	0.66	1.7
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	14	1.75	0.66	1.7
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	14	1.75	0.66	1.7
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	14	1.75	0.66	1.7
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	14	1.75	0.66	1.7
(4,1371)	1:19:A:ALA:HB1	1:132:A:ALA:HA	14	1.72	0.79	1.76
(4,1371)	1:19:A:ALA:HB2	1:132:A:ALA:HA	14	1.72	0.79	1.76
(4,1371)	1:19:A:ALA:HB3	1:132:A:ALA:HA	14	1.72	0.79	1.76
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD11	14	1.69	0.83	1.61
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD12	14	1.69	0.83	1.61
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD13	14	1.69	0.83	1.61
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD11	14	1.69	0.83	1.61
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD12	14	1.69	0.83	1.61
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD13	14	1.69	0.83	1.61
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	14	1.68	0.93	1.75
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	14	1.68	0.93	1.75
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	14	1.68	0.93	1.75
(11,1239)	1:34:A:LYS:H	1:81:A:GLU:HA	14	1.66	1.29	1.24
(18,1939)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	14	1.63	0.81	1.54
(18,1939)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	14	1.63	0.81	1.54
(18,1939)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	14	1.63	0.81	1.54
(18,1939)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	14	1.63	0.81	1.54
(5,147)	1:67:A:PRO:HD3	1:95:A:ILE:H	14	1.63	1.25	1.28
(6,152)	1:67:A:PRO:HD3	1:95:A:ILE:H	14	1.63	1.25	1.28
(29,159)	1:67:A:PRO:HD3	1:95:A:ILE:H	14	1.63	1.25	1.28
(11,1682)	1:134:A:VAL:HG11	1:137:A:SER:H	14	1.57	0.86	1.74
(11,1682)	1:134:A:VAL:HG12	1:137:A:SER:H	14	1.57	0.86	1.74
(11,1682)	1:134:A:VAL:HG13	1:137:A:SER:H	14	1.57	0.86	1.74
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	14	1.52	1.06	1.61
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	14	1.52	1.06	1.61
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	14	1.52	1.06	1.61
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	14	1.52	1.06	1.61
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	14	1.52	1.06	1.61
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	14	1.52	1.06	1.61
(7,835)	1:43:A:MET:HE1	1:131:A:LEU:HB3	14	1.52	1.18	1.3
(7,835)	1:43:A:MET:HE2	1:131:A:LEU:HB3	14	1.52	1.18	1.3
(7,835)	1:43:A:MET:HE3	1:131:A:LEU:HB3	14	1.52	1.18	1.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,1010)	1:35:A:LEU:HG	1:143:A:TRP:HB3	14	1.52	0.95	1.28
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	14	1.52	0.66	1.48
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	14	1.52	0.66	1.48
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	14	1.52	0.66	1.48
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	14	1.52	0.66	1.48
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	14	1.52	0.66	1.48
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	14	1.52	0.66	1.48
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	14	1.52	0.66	1.48
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	14	1.52	0.66	1.48
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	14	1.52	0.66	1.48
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	14	1.52	0.66	1.48
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	14	1.52	0.66	1.48
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	14	1.52	0.66	1.48
(6,1505)	1:43:A:MET:HE1	1:46:A:ASN:HB2	14	1.5	0.81	1.21
(6,1505)	1:43:A:MET:HE2	1:46:A:ASN:HB2	14	1.5	0.81	1.21
(6,1505)	1:43:A:MET:HE3	1:46:A:ASN:HB2	14	1.5	0.81	1.21
(16,1013)	1:35:A:LEU:HG	1:143:A:TRP:HB3	14	1.47	0.95	1.23
(5,994)	1:35:A:LEU:HG	1:143:A:TRP:HB3	14	1.46	0.95	1.22
(11,1001)	1:35:A:LEU:HG	1:143:A:TRP:HB3	14	1.44	0.95	1.2
(30,1908)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	14	1.44	0.47	1.38
(30,1908)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	14	1.44	0.47	1.38
(30,1908)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	14	1.44	0.47	1.38
(30,1908)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	14	1.44	0.47	1.38
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD21	14	1.43	0.75	1.25
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD22	14	1.43	0.75	1.25
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD23	14	1.43	0.75	1.25
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD21	14	1.4	0.8	1.22
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD22	14	1.4	0.8	1.22
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD23	14	1.4	0.8	1.22
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD21	14	1.39	0.69	1.1
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD22	14	1.39	0.69	1.1
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD23	14	1.39	0.69	1.1
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD21	14	1.39	0.69	1.1
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD22	14	1.39	0.69	1.1
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD23	14	1.39	0.69	1.1
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD21	14	1.39	0.69	1.1
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD22	14	1.39	0.69	1.1
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD23	14	1.39	0.69	1.1
(5,1319)	1:66:A:THR:HG21	1:95:A:ILE:HA	14	1.39	0.48	1.34
(5,1319)	1:66:A:THR:HG22	1:95:A:ILE:HA	14	1.39	0.48	1.34
(5,1319)	1:66:A:THR:HG23	1:95:A:ILE:HA	14	1.39	0.48	1.34
(3,1873)	1:13:A:ALA:HA	1:80:A:TYR:HE1	14	1.38	0.68	1.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,1873)	1:13:A:ALA:HA	1:80:A:TYR:HE2	14	1.38	0.68	1.44
(6,1848)	1:13:A:ALA:HA	1:80:A:TYR:HE1	14	1.38	0.68	1.44
(6,1848)	1:13:A:ALA:HA	1:80:A:TYR:HE2	14	1.38	0.68	1.44
(32,1811)	1:13:A:ALA:HA	1:80:A:TYR:HE1	14	1.38	0.68	1.44
(32,1811)	1:13:A:ALA:HA	1:80:A:TYR:HE2	14	1.38	0.68	1.44
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD11	14	1.36	0.49	1.33
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD12	14	1.36	0.49	1.33
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD13	14	1.36	0.49	1.33
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD21	14	1.36	0.49	1.33
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD22	14	1.36	0.49	1.33
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD23	14	1.36	0.49	1.33
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD11	14	1.36	0.49	1.33
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD12	14	1.36	0.49	1.33
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD13	14	1.36	0.49	1.33
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD21	14	1.36	0.49	1.33
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD22	14	1.36	0.49	1.33
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD23	14	1.36	0.49	1.33
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD11	14	1.36	0.49	1.33
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD12	14	1.36	0.49	1.33
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD13	14	1.36	0.49	1.33
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD21	14	1.36	0.49	1.33
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD22	14	1.36	0.49	1.33
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD23	14	1.36	0.49	1.33
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD11	14	1.33	0.83	1.25
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD12	14	1.33	0.83	1.25
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD13	14	1.33	0.83	1.25
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD11	14	1.33	0.83	1.25
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD12	14	1.33	0.83	1.25
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD13	14	1.33	0.83	1.25
(15,992)	1:12:A:VAL:HB	1:40:A:LEU:H	14	1.32	0.62	1.33
(1,1211)	1:41:A:LYS:HG3	1:44:A:GLU:HG3	14	1.28	0.93	0.9
(6,1698)	1:43:A:MET:HE1	1:137:A:SER:H	14	1.27	0.51	1.36
(6,1698)	1:43:A:MET:HE2	1:137:A:SER:H	14	1.27	0.51	1.36
(6,1698)	1:43:A:MET:HE3	1:137:A:SER:H	14	1.27	0.51	1.36
(33,1692)	1:43:A:MET:HE1	1:137:A:SER:H	14	1.27	0.51	1.36
(33,1692)	1:43:A:MET:HE2	1:137:A:SER:H	14	1.27	0.51	1.36
(33,1692)	1:43:A:MET:HE3	1:137:A:SER:H	14	1.27	0.51	1.36
(15,994)	1:98:A:ILE:H	1:105:A:LYS:HD2	14	1.26	0.58	1.48
(15,994)	1:98:A:ILE:H	1:105:A:LYS:HD3	14	1.26	0.58	1.48
(11,2254)	1:69:A:MET:HG2	1:70:A:LYS:HE2	14	1.23	0.75	1.3
(11,2254)	1:69:A:MET:HG2	1:70:A:LYS:HE3	14	1.23	0.75	1.3
(11,2254)	1:69:A:MET:HG3	1:70:A:LYS:HE2	14	1.23	0.75	1.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,2254)	1:69:A:MET:HG3	1:70:A:LYS:HE3	14	1.23	0.75	1.3
(11,940)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	14	1.23	0.53	0.99
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG11	14	1.23	0.86	1.12
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG12	14	1.23	0.86	1.12
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG13	14	1.23	0.86	1.12
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD21	14	1.2	0.69	0.9
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD22	14	1.2	0.69	0.9
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD23	14	1.2	0.69	0.9
(2,1932)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	14	1.18	0.47	1.12
(2,1932)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	14	1.18	0.47	1.12
(2,1932)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	14	1.18	0.47	1.12
(2,1932)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	14	1.18	0.47	1.12
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	14	1.17	0.5	1.31
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	14	1.17	0.5	1.31
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	14	1.17	0.5	1.31
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	14	1.17	0.5	1.31
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	14	1.17	0.5	1.31
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	14	1.17	0.5	1.31
(2,577)	1:148:A:CYS:HA	1:150:A:THR:H	14	1.15	0.06	1.13
(5,573)	1:148:A:CYS:HA	1:150:A:THR:H	14	1.15	0.06	1.13
(34,2208)	1:60:A:LEU:HD11	1:61:A:SER:HB2	14	1.12	0.2	1.09
(34,2208)	1:60:A:LEU:HD11	1:61:A:SER:HB3	14	1.12	0.2	1.09
(34,2208)	1:60:A:LEU:HD12	1:61:A:SER:HB2	14	1.12	0.2	1.09
(34,2208)	1:60:A:LEU:HD12	1:61:A:SER:HB3	14	1.12	0.2	1.09
(34,2208)	1:60:A:LEU:HD13	1:61:A:SER:HB2	14	1.12	0.2	1.09
(34,2208)	1:60:A:LEU:HD13	1:61:A:SER:HB3	14	1.12	0.2	1.09
(2,479)	1:145:A:PRO:HB2	1:148:A:CYS:H	14	1.09	0.58	0.93
(1,1035)	1:113:A:PHE:HA	1:116:A:GLN:HG3	14	1.06	0.59	0.98
(18,1036)	1:113:A:PHE:HA	1:116:A:GLN:HG3	14	1.06	0.59	0.98
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE1	14	1.06	0.33	0.97
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE2	14	1.06	0.33	0.97
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE3	14	1.06	0.33	0.97
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE1	14	1.06	0.33	0.97
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE2	14	1.06	0.33	0.97
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE3	14	1.06	0.33	0.97
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD11	14	1.05	0.46	1.02
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD12	14	1.05	0.46	1.02
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD13	14	1.05	0.46	1.02
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD21	14	1.05	0.46	1.02
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD22	14	1.05	0.46	1.02
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD23	14	1.05	0.46	1.02
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD11	14	1.05	0.46	1.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD12	14	1.05	0.46	1.02
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD13	14	1.05	0.46	1.02
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD21	14	1.05	0.46	1.02
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD22	14	1.05	0.46	1.02
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD23	14	1.05	0.46	1.02
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD11	14	1.02	0.49	0.99
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD12	14	1.02	0.49	0.99
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD13	14	1.02	0.49	0.99
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD21	14	1.02	0.49	0.99
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD22	14	1.02	0.49	0.99
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD23	14	1.02	0.49	0.99
(32,781)	1:63:A:ILE:HD11	1:116:A:GLN:HE21	14	1.0	0.33	1.03
(32,781)	1:63:A:ILE:HD12	1:116:A:GLN:HE21	14	1.0	0.33	1.03
(32,781)	1:63:A:ILE:HD13	1:116:A:GLN:HE21	14	1.0	0.33	1.03
(1,849)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	14	1.0	0.43	1.1
(1,849)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	14	1.0	0.43	1.1
(1,849)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	14	1.0	0.43	1.1
(1,849)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	14	1.0	0.43	1.1
(1,849)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	14	1.0	0.43	1.1
(1,849)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	14	1.0	0.43	1.1
(29,847)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	14	1.0	0.43	1.1
(29,847)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	14	1.0	0.43	1.1
(29,847)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	14	1.0	0.43	1.1
(29,847)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	14	1.0	0.43	1.1
(29,847)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	14	1.0	0.43	1.1
(29,847)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	14	1.0	0.43	1.1
(6,2209)	1:60:A:LEU:HG	1:61:A:SER:HB2	14	0.99	0.28	0.85
(6,2209)	1:60:A:LEU:HG	1:61:A:SER:HB3	14	0.99	0.28	0.85
(11,2217)	1:60:A:LEU:HG	1:61:A:SER:HB2	14	0.99	0.28	0.85
(11,2217)	1:60:A:LEU:HG	1:61:A:SER:HB3	14	0.99	0.28	0.85
(34,2207)	1:60:A:LEU:HG	1:61:A:SER:HB2	14	0.99	0.28	0.85
(34,2207)	1:60:A:LEU:HG	1:61:A:SER:HB3	14	0.99	0.28	0.85
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG11	14	0.95	0.35	1.02
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG12	14	0.95	0.35	1.02
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG13	14	0.95	0.35	1.02
(1,1794)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	14	0.93	0.48	0.9
(1,1794)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	14	0.93	0.48	0.9
(2,1804)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	14	0.93	0.48	0.9
(2,1804)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	14	0.93	0.48	0.9
(16,1036)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	14	0.92	0.45	0.95
(16,1036)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	14	0.92	0.45	0.95
(11,654)	1:79:A:THR:H	1:80:A:TYR:HD1	14	0.9	0.37	0.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,654)	1:79:A:THR:H	1:80:A:TYR:HD2	14	0.9	0.37	0.98
(16,658)	1:79:A:THR:H	1:80:A:TYR:HD1	14	0.9	0.37	0.98
(16,658)	1:79:A:THR:H	1:80:A:TYR:HD2	14	0.9	0.37	0.98
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	14	0.88	0.39	1.04
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	14	0.88	0.39	1.04
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	14	0.88	0.39	1.04
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	14	0.88	0.39	1.04
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	14	0.88	0.39	1.04
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	14	0.88	0.39	1.04
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	14	0.88	0.39	1.04
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	14	0.88	0.39	1.04
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	14	0.88	0.39	1.04
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	14	0.88	0.39	1.04
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	14	0.88	0.39	1.04
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	14	0.88	0.39	1.04
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	14	0.88	0.39	1.04
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	14	0.88	0.39	1.04
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	14	0.88	0.39	1.04
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	14	0.88	0.39	1.04
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	14	0.88	0.39	1.04
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	14	0.88	0.39	1.04
(5,1031)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	14	0.88	0.59	0.68
(9,914)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	14	0.88	0.59	0.68
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	14	0.87	0.59	0.94
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	14	0.87	0.59	0.94
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	14	0.87	0.59	0.94
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	14	0.87	0.59	0.94
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	14	0.87	0.59	0.94
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	14	0.87	0.59	0.94
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	14	0.87	0.59	0.94
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	14	0.87	0.59	0.94
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	14	0.87	0.59	0.94
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	14	0.87	0.59	0.94
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	14	0.87	0.59	0.94
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	14	0.87	0.59	0.94
(16,1758)	1:95:A:ILE:HG21	1:97:A:ASP:HA	14	0.85	0.56	0.67
(16,1758)	1:95:A:ILE:HG22	1:97:A:ASP:HA	14	0.85	0.56	0.67
(16,1758)	1:95:A:ILE:HG23	1:97:A:ASP:HA	14	0.85	0.56	0.67
(2,942)	1:39:A:VAL:HA	1:43:A:MET:HG2	14	0.84	0.46	0.71
(16,968)	1:39:A:VAL:HA	1:43:A:MET:HG2	14	0.84	0.46	0.71
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE1	14	0.83	0.33	0.74
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE2	14	0.83	0.33	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE3	14	0.83	0.33	0.74
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE1	14	0.83	0.33	0.74
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE2	14	0.83	0.33	0.74
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE3	14	0.83	0.33	0.74
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE1	14	0.83	0.33	0.74
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE2	14	0.83	0.33	0.74
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE3	14	0.83	0.33	0.74
(7,2050)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	14	0.82	0.44	0.78
(7,2050)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	14	0.82	0.44	0.78
(7,2050)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	14	0.82	0.44	0.78
(7,2050)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	14	0.82	0.44	0.78
(7,2050)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	14	0.82	0.44	0.78
(7,2050)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	14	0.82	0.44	0.78
(9,2059)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	14	0.82	0.44	0.78
(9,2059)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	14	0.82	0.44	0.78
(9,2059)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	14	0.82	0.44	0.78
(9,2059)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	14	0.82	0.44	0.78
(9,2059)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	14	0.82	0.44	0.78
(9,2059)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	14	0.82	0.44	0.78
(1,888)	1:21:A:THR:HG21	1:24:A:ASP:HB2	14	0.8	0.23	0.74
(1,888)	1:21:A:THR:HG21	1:24:A:ASP:HB3	14	0.8	0.23	0.74
(1,888)	1:21:A:THR:HG22	1:24:A:ASP:HB2	14	0.8	0.23	0.74
(1,888)	1:21:A:THR:HG22	1:24:A:ASP:HB3	14	0.8	0.23	0.74
(1,888)	1:21:A:THR:HG23	1:24:A:ASP:HB2	14	0.8	0.23	0.74
(1,888)	1:21:A:THR:HG23	1:24:A:ASP:HB3	14	0.8	0.23	0.74
(3,887)	1:21:A:THR:HG21	1:24:A:ASP:HB2	14	0.8	0.23	0.74
(3,887)	1:21:A:THR:HG21	1:24:A:ASP:HB3	14	0.8	0.23	0.74
(3,887)	1:21:A:THR:HG22	1:24:A:ASP:HB2	14	0.8	0.23	0.74
(3,887)	1:21:A:THR:HG22	1:24:A:ASP:HB3	14	0.8	0.23	0.74
(3,887)	1:21:A:THR:HG23	1:24:A:ASP:HB2	14	0.8	0.23	0.74
(3,887)	1:21:A:THR:HG23	1:24:A:ASP:HB3	14	0.8	0.23	0.74
(7,2251)	1:79:A:THR:HG21	1:81:A:GLU:HB2	14	0.79	0.49	0.66
(7,2251)	1:79:A:THR:HG21	1:81:A:GLU:HB3	14	0.79	0.49	0.66
(7,2251)	1:79:A:THR:HG22	1:81:A:GLU:HB2	14	0.79	0.49	0.66
(7,2251)	1:79:A:THR:HG22	1:81:A:GLU:HB3	14	0.79	0.49	0.66
(7,2251)	1:79:A:THR:HG23	1:81:A:GLU:HB2	14	0.79	0.49	0.66
(7,2251)	1:79:A:THR:HG23	1:81:A:GLU:HB3	14	0.79	0.49	0.66
(4,776)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	14	0.79	0.44	0.94
(4,776)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	14	0.79	0.44	0.94
(4,776)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	14	0.79	0.44	0.94
(6,776)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	14	0.79	0.44	0.94
(6,776)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	14	0.79	0.44	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,776)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	14	0.79	0.44	0.94
(29,1680)	1:69:A:MET:HE1	1:116:A:GLN:HG3	14	0.77	0.43	0.66
(29,1680)	1:69:A:MET:HE2	1:116:A:GLN:HG3	14	0.77	0.43	0.66
(29,1680)	1:69:A:MET:HE3	1:116:A:GLN:HG3	14	0.77	0.43	0.66
(11,637)	1:59:A:CYS:H	1:60:A:LEU:HB3	14	0.76	0.06	0.76
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD11	14	0.75	0.49	0.53
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD12	14	0.75	0.49	0.53
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD13	14	0.75	0.49	0.53
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD21	14	0.75	0.49	0.53
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD22	14	0.75	0.49	0.53
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD23	14	0.75	0.49	0.53
(7,1785)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	14	0.75	0.24	0.78
(7,1785)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	14	0.75	0.24	0.78
(7,1785)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	14	0.75	0.24	0.78
(7,1785)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	14	0.75	0.24	0.78
(7,1785)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	14	0.75	0.24	0.78
(7,1785)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	14	0.75	0.24	0.78
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD11	14	0.75	0.64	0.52
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD12	14	0.75	0.64	0.52
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD13	14	0.75	0.64	0.52
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD21	14	0.75	0.64	0.52
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD22	14	0.75	0.64	0.52
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD23	14	0.75	0.64	0.52
(4,50)	1:44:A:GLU:HG2	1:47:A:ALA:H	14	0.74	0.4	0.66
(7,44)	1:44:A:GLU:HG2	1:47:A:ALA:H	14	0.74	0.4	0.66
(6,630)	1:59:A:CYS:H	1:60:A:LEU:HB3	14	0.74	0.06	0.74
(9,634)	1:59:A:CYS:H	1:60:A:LEU:HB3	14	0.74	0.06	0.74
(34,643)	1:59:A:CYS:H	1:60:A:LEU:HB3	14	0.74	0.06	0.74
(4,1833)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	14	0.73	0.49	0.58
(7,1826)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	14	0.73	0.49	0.58
(30,1710)	1:141:A:LYS:HA	1:145:A:PRO:HD3	14	0.73	0.25	0.8
(3,980)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	14	0.73	0.35	0.78
(3,980)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	14	0.73	0.35	0.78
(11,971)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	14	0.73	0.35	0.78
(11,971)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	14	0.73	0.35	0.78
(9,1911)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	14	0.73	0.5	0.62
(5,1749)	1:21:A:THR:HG21	1:24:A:ASP:HB2	14	0.72	0.23	0.66
(5,1749)	1:21:A:THR:HG21	1:24:A:ASP:HB3	14	0.72	0.23	0.66
(5,1749)	1:21:A:THR:HG22	1:24:A:ASP:HB2	14	0.72	0.23	0.66
(5,1749)	1:21:A:THR:HG22	1:24:A:ASP:HB3	14	0.72	0.23	0.66
(5,1749)	1:21:A:THR:HG23	1:24:A:ASP:HB2	14	0.72	0.23	0.66
(5,1749)	1:21:A:THR:HG23	1:24:A:ASP:HB3	14	0.72	0.23	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,747)	1:105:A:LYS:HG3	1:112:A:GLN:HE21	14	0.72	0.51	0.46
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE1	14	0.72	0.42	0.64
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE2	14	0.72	0.42	0.64
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE3	14	0.72	0.42	0.64
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE1	14	0.72	0.42	0.64
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE2	14	0.72	0.42	0.64
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE3	14	0.72	0.42	0.64
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE1	14	0.72	0.42	0.64
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE2	14	0.72	0.42	0.64
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE3	14	0.72	0.42	0.64
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE1	14	0.72	0.42	0.64
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE2	14	0.72	0.42	0.64
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE3	14	0.72	0.42	0.64
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE1	14	0.72	0.42	0.64
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE2	14	0.72	0.42	0.64
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE3	14	0.72	0.42	0.64
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE1	14	0.72	0.42	0.64
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE2	14	0.72	0.42	0.64
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE3	14	0.72	0.42	0.64
(2,2227)	1:60:A:LEU:HG	1:61:A:SER:HB2	14	0.72	0.28	0.58
(2,2227)	1:60:A:LEU:HG	1:61:A:SER:HB3	14	0.72	0.28	0.58
(9,2162)	1:60:A:LEU:HG	1:61:A:SER:HB2	14	0.72	0.28	0.58
(9,2162)	1:60:A:LEU:HG	1:61:A:SER:HB3	14	0.72	0.28	0.58
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG11	14	0.71	0.65	0.48
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG12	14	0.71	0.65	0.48
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG13	14	0.71	0.65	0.48
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG21	14	0.71	0.65	0.48
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG22	14	0.71	0.65	0.48
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG23	14	0.71	0.65	0.48
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG11	14	0.71	0.65	0.48
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG12	14	0.71	0.65	0.48
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG13	14	0.71	0.65	0.48
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG21	14	0.71	0.65	0.48
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG22	14	0.71	0.65	0.48
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG23	14	0.71	0.65	0.48
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG11	14	0.71	0.65	0.48
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG12	14	0.71	0.65	0.48
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG13	14	0.71	0.65	0.48
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG21	14	0.71	0.65	0.48
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG22	14	0.71	0.65	0.48
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG23	14	0.71	0.65	0.48
(32,1810)	1:79:A:THR:HB	1:80:A:TYR:HE1	14	0.7	0.35	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,1810)	1:79:A:THR:HB	1:80:A:TYR:HE2	14	0.7	0.35	0.58
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	14	0.69	0.24	0.7
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	14	0.69	0.24	0.7
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	14	0.69	0.24	0.7
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	14	0.69	0.24	0.7
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	14	0.69	0.24	0.7
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	14	0.69	0.24	0.7
(5,1752)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	14	0.69	0.44	0.84
(5,1752)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	14	0.69	0.44	0.84
(5,1752)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	14	0.69	0.44	0.84
(29,296)	1:43:A:MET:H	1:43:A:MET:HG3	14	0.69	0.31	0.66
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	14	0.68	0.58	0.44
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	14	0.68	0.58	0.44
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	14	0.68	0.58	0.44
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	14	0.68	0.58	0.44
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	14	0.68	0.58	0.44
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	14	0.68	0.58	0.44
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	14	0.68	0.58	0.44
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	14	0.68	0.58	0.44
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	14	0.68	0.58	0.44
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	14	0.68	0.58	0.44
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	14	0.68	0.58	0.44
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	14	0.68	0.58	0.44
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	14	0.68	0.58	0.44
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	14	0.68	0.58	0.44
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	14	0.68	0.58	0.44
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	14	0.68	0.58	0.44
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	14	0.68	0.58	0.44
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	14	0.68	0.58	0.44
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	14	0.68	0.58	0.44
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	14	0.68	0.58	0.44
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	14	0.68	0.58	0.44
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	14	0.68	0.58	0.44
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	14	0.68	0.58	0.44
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	14	0.68	0.58	0.44
(18,1531)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	14	0.68	0.24	0.7
(18,1531)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	14	0.68	0.24	0.7
(18,1531)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	14	0.68	0.24	0.7
(18,1531)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	14	0.68	0.24	0.7
(18,1531)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	14	0.68	0.24	0.7
(18,1531)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	14	0.68	0.24	0.7
(17,999)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	14	0.68	0.33	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,999)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	14	0.68	0.33	0.52
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	14	0.68	0.34	0.9
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	14	0.68	0.34	0.9
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	14	0.68	0.34	0.9
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	14	0.68	0.34	0.9
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	14	0.68	0.34	0.9
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	14	0.68	0.34	0.9
(7,1782)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	14	0.67	0.36	0.52
(7,1782)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	14	0.67	0.36	0.52
(11,1844)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	14	0.67	0.36	0.52
(11,1844)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	14	0.67	0.36	0.52
(34,1018)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	14	0.64	0.33	0.48
(34,1018)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	14	0.64	0.33	0.48
(16,1808)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	14	0.63	0.36	0.48
(16,1808)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	14	0.63	0.36	0.48
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	14	0.61	0.24	0.62
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	14	0.61	0.24	0.62
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	14	0.61	0.24	0.62
(18,1688)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	14	0.61	0.44	0.44
(18,1688)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	14	0.61	0.44	0.44
(34,1715)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	14	0.61	0.44	0.44
(34,1715)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	14	0.61	0.44	0.44
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD11	14	0.58	0.44	0.32
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD12	14	0.58	0.44	0.32
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD13	14	0.58	0.44	0.32
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD11	14	0.58	0.44	0.32
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD12	14	0.58	0.44	0.32
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD13	14	0.58	0.44	0.32
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD11	14	0.58	0.44	0.32
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD12	14	0.58	0.44	0.32
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD13	14	0.58	0.44	0.32
(5,2179)	1:55:A:GLY:H	1:122:A:ASP:HB2	14	0.58	0.33	0.56
(5,2179)	1:55:A:GLY:H	1:122:A:ASP:HB3	14	0.58	0.33	0.56
(18,1817)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	14	0.57	0.7	0.29
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	14	0.55	0.2	0.58
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	14	0.55	0.2	0.58
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	14	0.55	0.2	0.58
(4,48)	1:44:A:GLU:HG3	1:47:A:ALA:H	14	0.54	0.32	0.48
(7,42)	1:44:A:GLU:HG3	1:47:A:ALA:H	14	0.54	0.32	0.48
(30,44)	1:44:A:GLU:HG3	1:47:A:ALA:H	14	0.54	0.32	0.48
(30,2457)	1:140:A:LEU:HD11	1:144:A:LEU:H	14	0.54	0.23	0.52
(30,2457)	1:140:A:LEU:HD12	1:144:A:LEU:H	14	0.54	0.23	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,2457)	1:140:A:LEU:HD13	1:144:A:LEU:H	14	0.54	0.23	0.52
(30,2457)	1:140:A:LEU:HD21	1:144:A:LEU:H	14	0.54	0.23	0.52
(30,2457)	1:140:A:LEU:HD22	1:144:A:LEU:H	14	0.54	0.23	0.52
(30,2457)	1:140:A:LEU:HD23	1:144:A:LEU:H	14	0.54	0.23	0.52
(15,12)	1:64:A:LYS:H	1:116:A:GLN:HG3	14	0.51	0.29	0.45
(6,788)	1:63:A:ILE:HD11	1:117:A:VAL:HB	14	0.49	0.27	0.36
(6,788)	1:63:A:ILE:HD12	1:117:A:VAL:HB	14	0.49	0.27	0.36
(6,788)	1:63:A:ILE:HD13	1:117:A:VAL:HB	14	0.49	0.27	0.36
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD11	14	0.49	0.18	0.49
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD12	14	0.49	0.18	0.49
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD13	14	0.49	0.18	0.49
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD21	14	0.49	0.18	0.49
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD22	14	0.49	0.18	0.49
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD23	14	0.49	0.18	0.49
(2,174)	1:8:A:ASP:H	1:58:A:ILE:HG13	14	0.49	0.34	0.34
(3,175)	1:8:A:ASP:H	1:58:A:ILE:HG13	14	0.49	0.34	0.34
(7,2194)	1:63:A:ILE:HG12	1:113:A:PHE:HE1	14	0.48	0.27	0.48
(7,2194)	1:63:A:ILE:HG12	1:113:A:PHE:HE2	14	0.48	0.27	0.48
(7,2194)	1:63:A:ILE:HG13	1:113:A:PHE:HE1	14	0.48	0.27	0.48
(7,2194)	1:63:A:ILE:HG13	1:113:A:PHE:HE2	14	0.48	0.27	0.48
(16,1884)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	14	0.48	0.41	0.38
(16,1884)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	14	0.48	0.41	0.38
(16,1884)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	14	0.48	0.41	0.38
(16,1884)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	14	0.48	0.41	0.38
(16,1884)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	14	0.48	0.41	0.38
(16,1884)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	14	0.48	0.41	0.38
(7,442)	1:68:A:LYS:H	1:70:A:LYS:HG3	14	0.48	0.37	0.32
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD11	14	0.47	0.33	0.38
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD12	14	0.47	0.33	0.38
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD13	14	0.47	0.33	0.38
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD21	14	0.47	0.33	0.38
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD22	14	0.47	0.33	0.38
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD23	14	0.47	0.33	0.38
(3,104)	1:69:A:MET:H	1:69:A:MET:HE1	14	0.46	0.18	0.46
(3,104)	1:69:A:MET:H	1:69:A:MET:HE2	14	0.46	0.18	0.46
(3,104)	1:69:A:MET:H	1:69:A:MET:HE3	14	0.46	0.18	0.46
(11,2218)	1:60:A:LEU:HD11	1:61:A:SER:HB2	14	0.46	0.2	0.43
(11,2218)	1:60:A:LEU:HD11	1:61:A:SER:HB3	14	0.46	0.2	0.43
(11,2218)	1:60:A:LEU:HD12	1:61:A:SER:HB2	14	0.46	0.2	0.43
(11,2218)	1:60:A:LEU:HD12	1:61:A:SER:HB3	14	0.46	0.2	0.43
(11,2218)	1:60:A:LEU:HD13	1:61:A:SER:HB2	14	0.46	0.2	0.43
(11,2218)	1:60:A:LEU:HD13	1:61:A:SER:HB3	14	0.46	0.2	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,1032)	1:8:A:ASP:H	1:58:A:ILE:HG13	14	0.46	0.34	0.32
(32,792)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	14	0.45	0.07	0.47
(32,792)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	14	0.45	0.07	0.47
(32,792)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	14	0.45	0.07	0.47
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	14	0.43	0.3	0.27
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	14	0.43	0.3	0.27
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	14	0.43	0.3	0.27
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	14	0.43	0.3	0.27
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	14	0.43	0.3	0.27
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	14	0.43	0.3	0.27
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	14	0.43	0.3	0.27
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	14	0.43	0.3	0.27
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	14	0.43	0.3	0.27
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	14	0.43	0.3	0.27
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	14	0.43	0.3	0.27
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	14	0.43	0.3	0.27
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	14	0.43	0.3	0.27
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	14	0.43	0.3	0.27
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	14	0.43	0.3	0.27
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	14	0.43	0.3	0.27
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	14	0.43	0.3	0.27
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	14	0.43	0.3	0.27
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD11	14	0.43	0.13	0.47
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD12	14	0.43	0.13	0.47
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD13	14	0.43	0.13	0.47
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD21	14	0.43	0.13	0.47
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD22	14	0.43	0.13	0.47
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD23	14	0.43	0.13	0.47
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	14	0.41	0.23	0.32
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	14	0.41	0.23	0.32
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	14	0.41	0.23	0.32
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	14	0.41	0.23	0.32
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	14	0.41	0.23	0.32
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	14	0.41	0.23	0.32
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD11	14	0.4	0.27	0.3
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD12	14	0.4	0.27	0.3
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD13	14	0.4	0.27	0.3
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD21	14	0.4	0.27	0.3
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD22	14	0.4	0.27	0.3
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD23	14	0.4	0.27	0.3
(3,1883)	1:9:A:PHE:HZ	1:11:A:ILE:HA	14	0.38	0.23	0.3
(5,1882)	1:9:A:PHE:HZ	1:11:A:ILE:HA	14	0.38	0.23	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,1843)	1:9:A:PHE:HZ	1:11:A:ILE:HA	14	0.38	0.23	0.3
(30,1857)	1:9:A:PHE:HZ	1:11:A:ILE:HA	14	0.38	0.23	0.3
(15,356)	1:104:A:PHE:H	1:104:A:PHE:HD1	14	0.38	0.13	0.41
(15,356)	1:104:A:PHE:H	1:104:A:PHE:HD2	14	0.38	0.13	0.41
(29,351)	1:104:A:PHE:H	1:104:A:PHE:HD1	14	0.38	0.13	0.41
(29,351)	1:104:A:PHE:H	1:104:A:PHE:HD2	14	0.38	0.13	0.41
(32,344)	1:104:A:PHE:H	1:104:A:PHE:HD1	14	0.38	0.13	0.41
(32,344)	1:104:A:PHE:H	1:104:A:PHE:HD2	14	0.38	0.13	0.41
(18,1778)	1:68:A:LYS:HA	1:72:A:PHE:HD1	14	0.36	0.21	0.29
(18,1778)	1:68:A:LYS:HA	1:72:A:PHE:HD2	14	0.36	0.21	0.29
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	14	0.36	0.17	0.34
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	14	0.36	0.17	0.34
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	14	0.36	0.17	0.34
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	14	0.36	0.17	0.34
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	14	0.36	0.17	0.34
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	14	0.36	0.17	0.34
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	14	0.36	0.17	0.34
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	14	0.36	0.17	0.34
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	14	0.36	0.17	0.34
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	14	0.36	0.17	0.34
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	14	0.36	0.17	0.34
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	14	0.36	0.17	0.34
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	14	0.36	0.17	0.34
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	14	0.36	0.17	0.34
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	14	0.36	0.17	0.34
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	14	0.36	0.17	0.34
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	14	0.36	0.17	0.34
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	14	0.36	0.17	0.34
(29,1828)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	14	0.35	0.12	0.34
(29,1828)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	14	0.35	0.12	0.34
(29,1828)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	14	0.35	0.12	0.34
(29,1828)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	14	0.35	0.12	0.34
(29,1828)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	14	0.35	0.12	0.34
(29,1828)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	14	0.35	0.12	0.34
(6,662)	1:63:A:ILE:HD11	1:116:A:GLN:H	14	0.34	0.13	0.36
(6,662)	1:63:A:ILE:HD12	1:116:A:GLN:H	14	0.34	0.13	0.36
(6,662)	1:63:A:ILE:HD13	1:116:A:GLN:H	14	0.34	0.13	0.36
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB1	14	0.33	0.13	0.3
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB2	14	0.33	0.13	0.3
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB3	14	0.33	0.13	0.3
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB1	14	0.33	0.13	0.3
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB2	14	0.33	0.13	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB3	14	0.33	0.13	0.3
(2,538)	1:60:A:LEU:HD21	1:61:A:SER:H	14	0.33	0.16	0.28
(2,538)	1:60:A:LEU:HD22	1:61:A:SER:H	14	0.33	0.16	0.28
(2,538)	1:60:A:LEU:HD23	1:61:A:SER:H	14	0.33	0.16	0.28
(6,536)	1:60:A:LEU:HD21	1:61:A:SER:H	14	0.33	0.16	0.28
(6,536)	1:60:A:LEU:HD22	1:61:A:SER:H	14	0.33	0.16	0.28
(6,536)	1:60:A:LEU:HD23	1:61:A:SER:H	14	0.33	0.16	0.28
(9,545)	1:60:A:LEU:HD21	1:61:A:SER:H	14	0.33	0.16	0.28
(9,545)	1:60:A:LEU:HD22	1:61:A:SER:H	14	0.33	0.16	0.28
(9,545)	1:60:A:LEU:HD23	1:61:A:SER:H	14	0.33	0.16	0.28
(11,540)	1:60:A:LEU:HD21	1:61:A:SER:H	14	0.33	0.16	0.28
(11,540)	1:60:A:LEU:HD22	1:61:A:SER:H	14	0.33	0.16	0.28
(11,540)	1:60:A:LEU:HD23	1:61:A:SER:H	14	0.33	0.16	0.28
(34,552)	1:60:A:LEU:HD21	1:61:A:SER:H	14	0.33	0.16	0.28
(34,552)	1:60:A:LEU:HD22	1:61:A:SER:H	14	0.33	0.16	0.28
(34,552)	1:60:A:LEU:HD23	1:61:A:SER:H	14	0.33	0.16	0.28
(30,1245)	1:37:A:LEU:HD11	1:38:A:GLU:HA	14	0.32	0.1	0.32
(30,1245)	1:37:A:LEU:HD12	1:38:A:GLU:HA	14	0.32	0.1	0.32
(30,1245)	1:37:A:LEU:HD13	1:38:A:GLU:HA	14	0.32	0.1	0.32
(34,1277)	1:37:A:LEU:HD11	1:38:A:GLU:HA	14	0.32	0.1	0.32
(34,1277)	1:37:A:LEU:HD12	1:38:A:GLU:HA	14	0.32	0.1	0.32
(34,1277)	1:37:A:LEU:HD13	1:38:A:GLU:HA	14	0.32	0.1	0.32
(1,1856)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	14	0.32	0.14	0.3
(1,1856)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	14	0.32	0.14	0.3
(1,1856)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	14	0.32	0.14	0.3
(7,584)	1:126:A:GLY:H	1:128:A:LEU:HB2	14	0.31	0.17	0.32
(34,594)	1:126:A:GLY:H	1:128:A:LEU:HB2	14	0.31	0.17	0.32
(7,2040)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	14	0.3	0.12	0.29
(7,2040)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	14	0.3	0.12	0.29
(7,2040)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	14	0.3	0.12	0.29
(7,2040)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	14	0.3	0.12	0.29
(7,2040)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	14	0.3	0.12	0.29
(7,2040)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	14	0.3	0.12	0.29
(16,2081)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	14	0.3	0.12	0.29
(16,2081)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	14	0.3	0.12	0.29
(16,2081)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	14	0.3	0.12	0.29
(16,2081)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	14	0.3	0.12	0.29
(16,2081)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	14	0.3	0.12	0.29
(16,2081)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	14	0.3	0.12	0.29
(34,1364)	1:125:A:THR:HG21	1:128:A:LEU:HB2	14	0.3	0.09	0.28
(34,1364)	1:125:A:THR:HG22	1:128:A:LEU:HB2	14	0.3	0.09	0.28
(34,1364)	1:125:A:THR:HG23	1:128:A:LEU:HB2	14	0.3	0.09	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,368)	1:132:A:ALA:H	1:133:A:ASN:HD22	14	0.29	0.12	0.31
(7,1426)	1:50:A:ALA:HB1	1:130:A:GLY:H	14	0.29	0.12	0.26
(7,1426)	1:50:A:ALA:HB2	1:130:A:GLY:H	14	0.29	0.12	0.26
(7,1426)	1:50:A:ALA:HB3	1:130:A:GLY:H	14	0.29	0.12	0.26
(16,1446)	1:50:A:ALA:HB1	1:130:A:GLY:H	14	0.29	0.12	0.26
(16,1446)	1:50:A:ALA:HB2	1:130:A:GLY:H	14	0.29	0.12	0.26
(16,1446)	1:50:A:ALA:HB3	1:130:A:GLY:H	14	0.29	0.12	0.26
(34,130)	1:46:A:ASN:HB3	1:49:A:LYS:H	14	0.28	0.08	0.27
(1,2026)	1:23:A:LEU:HD11	1:25:A:ALA:H	14	0.27	0.09	0.26
(1,2026)	1:23:A:LEU:HD12	1:25:A:ALA:H	14	0.27	0.09	0.26
(1,2026)	1:23:A:LEU:HD13	1:25:A:ALA:H	14	0.27	0.09	0.26
(1,2026)	1:23:A:LEU:HD21	1:25:A:ALA:H	14	0.27	0.09	0.26
(1,2026)	1:23:A:LEU:HD22	1:25:A:ALA:H	14	0.27	0.09	0.26
(1,2026)	1:23:A:LEU:HD23	1:25:A:ALA:H	14	0.27	0.09	0.26
(29,1860)	1:59:A:CYS:HA	1:62:A:HIS:HD2	14	0.27	0.08	0.25
(33,2039)	1:23:A:LEU:HD11	1:25:A:ALA:H	14	0.24	0.09	0.22
(33,2039)	1:23:A:LEU:HD12	1:25:A:ALA:H	14	0.24	0.09	0.22
(33,2039)	1:23:A:LEU:HD13	1:25:A:ALA:H	14	0.24	0.09	0.22
(33,2039)	1:23:A:LEU:HD21	1:25:A:ALA:H	14	0.24	0.09	0.22
(33,2039)	1:23:A:LEU:HD22	1:25:A:ALA:H	14	0.24	0.09	0.22
(33,2039)	1:23:A:LEU:HD23	1:25:A:ALA:H	14	0.24	0.09	0.22
(17,1858)	1:59:A:CYS:HA	1:62:A:HIS:HD2	14	0.23	0.08	0.21
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD11	14	0.22	0.05	0.24
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD12	14	0.22	0.05	0.24
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD13	14	0.22	0.05	0.24
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD21	14	0.22	0.05	0.24
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD22	14	0.22	0.05	0.24
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD23	14	0.22	0.05	0.24
(1,1603)	1:98:A:ILE:HG21	1:104:A:PHE:HE1	14	0.2	0.06	0.2
(1,1603)	1:98:A:ILE:HG21	1:104:A:PHE:HE2	14	0.2	0.06	0.2
(1,1603)	1:98:A:ILE:HG22	1:104:A:PHE:HE1	14	0.2	0.06	0.2
(1,1603)	1:98:A:ILE:HG22	1:104:A:PHE:HE2	14	0.2	0.06	0.2
(1,1603)	1:98:A:ILE:HG23	1:104:A:PHE:HE1	14	0.2	0.06	0.2
(1,1603)	1:98:A:ILE:HG23	1:104:A:PHE:HE2	14	0.2	0.06	0.2
(18,1575)	1:98:A:ILE:HG21	1:104:A:PHE:HE1	14	0.2	0.06	0.2
(18,1575)	1:98:A:ILE:HG21	1:104:A:PHE:HE2	14	0.2	0.06	0.2
(18,1575)	1:98:A:ILE:HG22	1:104:A:PHE:HE1	14	0.2	0.06	0.2
(18,1575)	1:98:A:ILE:HG22	1:104:A:PHE:HE2	14	0.2	0.06	0.2
(18,1575)	1:98:A:ILE:HG23	1:104:A:PHE:HE1	14	0.2	0.06	0.2
(18,1575)	1:98:A:ILE:HG23	1:104:A:PHE:HE2	14	0.2	0.06	0.2
(29,704)	1:98:A:ILE:H	1:100:A:ALA:H	14	0.17	0.08	0.13
(7,68)	1:44:A:GLU:HB2	1:45:A:ALA:H	14	0.16	0.02	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,68)	1:44:A:GLU:HB3	1:45:A:ALA:H	14	0.16	0.02	0.16
(9,1543)	1:144:A:LEU:HD21	1:147:A:ARG:HE	13	6.39	2.13	6.92
(9,1543)	1:144:A:LEU:HD22	1:147:A:ARG:HE	13	6.39	2.13	6.92
(9,1543)	1:144:A:LEU:HD23	1:147:A:ARG:HE	13	6.39	2.13	6.92
(17,1566)	1:144:A:LEU:HD21	1:147:A:ARG:HE	13	6.39	2.13	6.92
(17,1566)	1:144:A:LEU:HD22	1:147:A:ARG:HE	13	6.39	2.13	6.92
(17,1566)	1:144:A:LEU:HD23	1:147:A:ARG:HE	13	6.39	2.13	6.92
(33,1538)	1:144:A:LEU:HD21	1:147:A:ARG:HE	13	6.39	2.13	6.92
(33,1538)	1:144:A:LEU:HD22	1:147:A:ARG:HE	13	6.39	2.13	6.92
(33,1538)	1:144:A:LEU:HD23	1:147:A:ARG:HE	13	6.39	2.13	6.92
(15,2495)	1:144:A:LEU:HD11	1:147:A:ARG:HE	13	6.16	1.75	6.64
(15,2495)	1:144:A:LEU:HD12	1:147:A:ARG:HE	13	6.16	1.75	6.64
(15,2495)	1:144:A:LEU:HD13	1:147:A:ARG:HE	13	6.16	1.75	6.64
(15,2495)	1:144:A:LEU:HD21	1:147:A:ARG:HE	13	6.16	1.75	6.64
(15,2495)	1:144:A:LEU:HD22	1:147:A:ARG:HE	13	6.16	1.75	6.64
(15,2495)	1:144:A:LEU:HD23	1:147:A:ARG:HE	13	6.16	1.75	6.64
(29,2444)	1:144:A:LEU:HD11	1:147:A:ARG:HE	13	6.14	1.75	6.62
(29,2444)	1:144:A:LEU:HD12	1:147:A:ARG:HE	13	6.14	1.75	6.62
(29,2444)	1:144:A:LEU:HD13	1:147:A:ARG:HE	13	6.14	1.75	6.62
(29,2444)	1:144:A:LEU:HD21	1:147:A:ARG:HE	13	6.14	1.75	6.62
(29,2444)	1:144:A:LEU:HD22	1:147:A:ARG:HE	13	6.14	1.75	6.62
(29,2444)	1:144:A:LEU:HD23	1:147:A:ARG:HE	13	6.14	1.75	6.62
(9,2432)	1:144:A:LEU:HD11	1:147:A:ARG:HE	13	6.11	1.75	6.59
(9,2432)	1:144:A:LEU:HD12	1:147:A:ARG:HE	13	6.11	1.75	6.59
(9,2432)	1:144:A:LEU:HD13	1:147:A:ARG:HE	13	6.11	1.75	6.59
(9,2432)	1:144:A:LEU:HD21	1:147:A:ARG:HE	13	6.11	1.75	6.59
(9,2432)	1:144:A:LEU:HD22	1:147:A:ARG:HE	13	6.11	1.75	6.59
(9,2432)	1:144:A:LEU:HD23	1:147:A:ARG:HE	13	6.11	1.75	6.59
(17,2482)	1:144:A:LEU:HD11	1:147:A:ARG:HE	13	6.09	1.75	6.57
(17,2482)	1:144:A:LEU:HD12	1:147:A:ARG:HE	13	6.09	1.75	6.57
(17,2482)	1:144:A:LEU:HD13	1:147:A:ARG:HE	13	6.09	1.75	6.57
(17,2482)	1:144:A:LEU:HD21	1:147:A:ARG:HE	13	6.09	1.75	6.57
(17,2482)	1:144:A:LEU:HD22	1:147:A:ARG:HE	13	6.09	1.75	6.57
(17,2482)	1:144:A:LEU:HD23	1:147:A:ARG:HE	13	6.09	1.75	6.57
(33,2499)	1:144:A:LEU:HD11	1:147:A:ARG:HE	13	6.05	1.75	6.53
(33,2499)	1:144:A:LEU:HD12	1:147:A:ARG:HE	13	6.05	1.75	6.53
(33,2499)	1:144:A:LEU:HD13	1:147:A:ARG:HE	13	6.05	1.75	6.53
(33,2499)	1:144:A:LEU:HD21	1:147:A:ARG:HE	13	6.05	1.75	6.53
(33,2499)	1:144:A:LEU:HD22	1:147:A:ARG:HE	13	6.05	1.75	6.53
(33,2499)	1:144:A:LEU:HD23	1:147:A:ARG:HE	13	6.05	1.75	6.53
(5,2473)	1:144:A:LEU:HD11	1:147:A:ARG:HE	13	5.39	1.75	5.87
(5,2473)	1:144:A:LEU:HD12	1:147:A:ARG:HE	13	5.39	1.75	5.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,2473)	1:144:A:LEU:HD13	1:147:A:ARG:HE	13	5.39	1.75	5.87
(5,2473)	1:144:A:LEU:HD21	1:147:A:ARG:HE	13	5.39	1.75	5.87
(5,2473)	1:144:A:LEU:HD22	1:147:A:ARG:HE	13	5.39	1.75	5.87
(5,2473)	1:144:A:LEU:HD23	1:147:A:ARG:HE	13	5.39	1.75	5.87
(33,2498)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	13	4.68	1.43	5.15
(33,2498)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	13	4.68	1.43	5.15
(33,2498)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	13	4.68	1.43	5.15
(33,2498)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	13	4.68	1.43	5.15
(33,2498)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	13	4.68	1.43	5.15
(33,2498)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	13	4.68	1.43	5.15
(33,2498)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	13	4.68	1.43	5.15
(33,2498)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	13	4.68	1.43	5.15
(33,2498)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	13	4.68	1.43	5.15
(33,2498)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	13	4.68	1.43	5.15
(33,2498)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	13	4.68	1.43	5.15
(33,2498)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	13	4.68	1.43	5.15
(5,1143)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	13	4.35	1.24	4.81
(5,1143)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	13	4.35	1.24	4.81
(5,1143)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	13	4.35	1.24	4.81
(5,1143)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	13	4.35	1.24	4.81
(5,1143)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	13	4.35	1.24	4.81
(5,1143)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	13	4.35	1.24	4.81
(17,1141)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	13	4.28	1.24	4.74
(17,1141)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	13	4.28	1.24	4.74
(17,1141)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	13	4.28	1.24	4.74
(17,1141)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	13	4.28	1.24	4.74
(17,1141)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	13	4.28	1.24	4.74
(17,1141)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	13	4.28	1.24	4.74
(2,1462)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	13	3.41	1.29	3.69
(2,1462)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	13	3.41	1.29	3.69
(2,1462)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	13	3.41	1.29	3.69
(1,1132)	1:31:A:PRO:HD2	1:143:A:TRP:HA	13	3.38	1.59	3.63
(3,1143)	1:31:A:PRO:HD2	1:143:A:TRP:HA	13	3.32	1.59	3.57
(1,707)	1:10:A:ASN:HD22	1:14:A:VAL:HB	13	3.27	1.85	4.01
(5,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	13	3.27	1.85	4.01
(7,694)	1:10:A:ASN:HD22	1:14:A:VAL:HB	13	3.27	1.85	4.01
(13,684)	1:10:A:ASN:HD22	1:14:A:VAL:HB	13	3.27	1.85	4.01
(16,706)	1:10:A:ASN:HD22	1:14:A:VAL:HB	13	3.27	1.85	4.01
(33,697)	1:10:A:ASN:HD22	1:14:A:VAL:HB	13	3.27	1.85	4.01
(3,863)	1:43:A:MET:HE1	1:144:A:LEU:HB3	13	3.25	1.33	3.13
(3,863)	1:43:A:MET:HE2	1:144:A:LEU:HB3	13	3.25	1.33	3.13
(3,863)	1:43:A:MET:HE3	1:144:A:LEU:HB3	13	3.25	1.33	3.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB2	13	3.09	1.55	2.87
(16,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB2	13	3.09	1.55	2.87
(16,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB2	13	3.09	1.55	2.87
(16,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB2	13	3.09	1.55	2.87
(16,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB2	13	3.09	1.55	2.87
(16,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB2	13	3.09	1.55	2.87
(16,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB3	13	3.09	1.55	2.87
(16,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB3	13	3.09	1.55	2.87
(16,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB3	13	3.09	1.55	2.87
(16,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB3	13	3.09	1.55	2.87
(16,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB3	13	3.09	1.55	2.87
(16,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB3	13	3.09	1.55	2.87
(33,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB2	13	3.07	1.56	2.84
(33,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB2	13	3.07	1.56	2.84
(33,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB2	13	3.07	1.56	2.84
(33,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB2	13	3.07	1.56	2.84
(33,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB2	13	3.07	1.56	2.84
(33,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB2	13	3.07	1.56	2.84
(33,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB3	13	3.07	1.56	2.84
(33,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB3	13	3.07	1.56	2.84
(33,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB3	13	3.07	1.56	2.84
(33,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB3	13	3.07	1.56	2.84
(33,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB3	13	3.07	1.56	2.84
(33,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB3	13	3.07	1.56	2.84
(3,861)	1:43:A:MET:HE1	1:144:A:LEU:HB2	13	3.02	1.03	2.95
(3,861)	1:43:A:MET:HE2	1:144:A:LEU:HB2	13	3.02	1.03	2.95
(3,861)	1:43:A:MET:HE3	1:144:A:LEU:HB2	13	3.02	1.03	2.95
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	13	2.94	0.9	2.64
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	13	2.94	0.9	2.64
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	13	2.94	0.9	2.64
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD21	13	2.94	0.9	2.64
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD22	13	2.94	0.9	2.64
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD23	13	2.94	0.9	2.64
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	13	2.94	0.9	2.64
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	13	2.94	0.9	2.64
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	13	2.94	0.9	2.64
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD21	13	2.94	0.9	2.64
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD22	13	2.94	0.9	2.64
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD23	13	2.94	0.9	2.64
(5,2146)	1:43:A:MET:HE1	1:144:A:LEU:HB2	13	2.77	1.03	2.67
(5,2146)	1:43:A:MET:HE1	1:144:A:LEU:HB3	13	2.77	1.03	2.67
(5,2146)	1:43:A:MET:HE2	1:144:A:LEU:HB2	13	2.77	1.03	2.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,2146)	1:43:A:MET:HE2	1:144:A:LEU:HB3	13	2.77	1.03	2.67
(5,2146)	1:43:A:MET:HE3	1:144:A:LEU:HB2	13	2.77	1.03	2.67
(5,2146)	1:43:A:MET:HE3	1:144:A:LEU:HB3	13	2.77	1.03	2.67
(16,1617)	1:31:A:PRO:HG2	1:80:A:TYR:HB3	13	2.75	1.71	1.81
(16,1617)	1:31:A:PRO:HG3	1:80:A:TYR:HB3	13	2.75	1.71	1.81
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD11	13	2.71	1.13	2.53
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD12	13	2.71	1.13	2.53
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD13	13	2.71	1.13	2.53
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD21	13	2.71	1.13	2.53
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD22	13	2.71	1.13	2.53
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD23	13	2.71	1.13	2.53
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD11	13	2.71	1.13	2.53
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD12	13	2.71	1.13	2.53
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD13	13	2.71	1.13	2.53
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD21	13	2.71	1.13	2.53
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD22	13	2.71	1.13	2.53
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD23	13	2.71	1.13	2.53
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD11	13	2.71	1.13	2.53
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD12	13	2.71	1.13	2.53
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD13	13	2.71	1.13	2.53
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD21	13	2.71	1.13	2.53
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD22	13	2.71	1.13	2.53
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD23	13	2.71	1.13	2.53
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD11	13	2.71	1.13	2.53
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD12	13	2.71	1.13	2.53
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD13	13	2.71	1.13	2.53
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD21	13	2.71	1.13	2.53
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD22	13	2.71	1.13	2.53
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD23	13	2.71	1.13	2.53
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD11	13	2.71	1.13	2.53
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD12	13	2.71	1.13	2.53
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD13	13	2.71	1.13	2.53
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD21	13	2.71	1.13	2.53
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD22	13	2.71	1.13	2.53
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD23	13	2.71	1.13	2.53
(33,1620)	1:31:A:PRO:HG2	1:80:A:TYR:HB3	13	2.7	1.71	1.76
(33,1620)	1:31:A:PRO:HG3	1:80:A:TYR:HB3	13	2.7	1.71	1.76
(3,1975)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	13	2.52	1.29	2.7
(3,1975)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	13	2.52	1.29	2.7
(3,1975)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	13	2.52	1.29	2.7
(3,1975)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	13	2.52	1.29	2.7
(9,1942)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	13	2.52	1.29	2.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,1942)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	13	2.52	1.29	2.7
(9,1942)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	13	2.52	1.29	2.7
(9,1942)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	13	2.52	1.29	2.7
(11,1967)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	13	2.52	1.29	2.7
(11,1967)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	13	2.52	1.29	2.7
(11,1967)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	13	2.52	1.29	2.7
(11,1967)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	13	2.52	1.29	2.7
(18,1947)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	13	2.52	1.29	2.7
(18,1947)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	13	2.52	1.29	2.7
(18,1947)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	13	2.52	1.29	2.7
(18,1947)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	13	2.52	1.29	2.7
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	13	2.42	1.85	2.27
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	13	2.42	1.85	2.27
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	13	2.42	1.85	2.27
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	13	2.42	1.85	2.27
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	13	2.42	1.85	2.27
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	13	2.42	1.85	2.27
(17,853)	1:43:A:MET:HE1	1:144:A:LEU:HB3	13	2.37	1.03	2.27
(17,853)	1:43:A:MET:HE2	1:144:A:LEU:HB3	13	2.37	1.03	2.27
(17,853)	1:43:A:MET:HE3	1:144:A:LEU:HB3	13	2.37	1.03	2.27
(17,853)	1:43:A:MET:HE1	1:144:A:LEU:HB2	13	2.37	1.03	2.27
(17,853)	1:43:A:MET:HE2	1:144:A:LEU:HB2	13	2.37	1.03	2.27
(17,853)	1:43:A:MET:HE3	1:144:A:LEU:HB2	13	2.37	1.03	2.27
(3,1933)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	13	2.31	1.22	2.42
(3,1933)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	13	2.31	1.22	2.42
(3,1933)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	13	2.31	1.22	2.42
(3,1933)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	13	2.31	1.22	2.42
(1,915)	1:67:A:PRO:HD3	1:95:A:ILE:HB	13	2.31	1.12	2.49
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	13	2.29	1.17	2.28
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	13	2.29	1.17	2.28
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	13	2.29	1.17	2.28
(16,1834)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	13	2.28	1.19	2.53
(16,1834)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	13	2.28	1.19	2.53
(16,1834)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	13	2.28	1.19	2.53
(16,1834)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	13	2.28	1.19	2.53
(16,1626)	1:27:A:ARG:HA	1:30:A:LEU:H	13	2.25	0.39	2.41
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD11	13	2.17	1.18	2.13
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD12	13	2.17	1.18	2.13
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD13	13	2.17	1.18	2.13
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD21	13	2.17	1.18	2.13
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD22	13	2.17	1.18	2.13
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD23	13	2.17	1.18	2.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD11	13	2.17	1.18	2.13
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD12	13	2.17	1.18	2.13
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD13	13	2.17	1.18	2.13
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD21	13	2.17	1.18	2.13
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD22	13	2.17	1.18	2.13
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD23	13	2.17	1.18	2.13
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD11	13	2.17	1.18	2.13
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD12	13	2.17	1.18	2.13
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD13	13	2.17	1.18	2.13
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD21	13	2.17	1.18	2.13
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD22	13	2.17	1.18	2.13
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD23	13	2.17	1.18	2.13
(5,843)	1:43:A:MET:HE1	1:144:A:LEU:HB3	13	2.1	1.03	2.0
(5,843)	1:43:A:MET:HE2	1:144:A:LEU:HB3	13	2.1	1.03	2.0
(5,843)	1:43:A:MET:HE3	1:144:A:LEU:HB3	13	2.1	1.03	2.0
(5,843)	1:43:A:MET:HE1	1:144:A:LEU:HB2	13	2.1	1.03	2.0
(5,843)	1:43:A:MET:HE2	1:144:A:LEU:HB2	13	2.1	1.03	2.0
(5,843)	1:43:A:MET:HE3	1:144:A:LEU:HB2	13	2.1	1.03	2.0
(7,1611)	1:27:A:ARG:HA	1:30:A:LEU:H	13	2.07	0.39	2.23
(32,2488)	1:144:A:LEU:HD11	1:146:A:GLN:HE21	13	2.07	0.73	2.19
(32,2488)	1:144:A:LEU:HD11	1:146:A:GLN:HE22	13	2.07	0.73	2.19
(32,2488)	1:144:A:LEU:HD12	1:146:A:GLN:HE21	13	2.07	0.73	2.19
(32,2488)	1:144:A:LEU:HD12	1:146:A:GLN:HE22	13	2.07	0.73	2.19
(32,2488)	1:144:A:LEU:HD13	1:146:A:GLN:HE21	13	2.07	0.73	2.19
(32,2488)	1:144:A:LEU:HD13	1:146:A:GLN:HE22	13	2.07	0.73	2.19
(32,2488)	1:144:A:LEU:HD21	1:146:A:GLN:HE21	13	2.07	0.73	2.19
(32,2488)	1:144:A:LEU:HD21	1:146:A:GLN:HE22	13	2.07	0.73	2.19
(32,2488)	1:144:A:LEU:HD22	1:146:A:GLN:HE21	13	2.07	0.73	2.19
(32,2488)	1:144:A:LEU:HD22	1:146:A:GLN:HE22	13	2.07	0.73	2.19
(32,2488)	1:144:A:LEU:HD23	1:146:A:GLN:HE21	13	2.07	0.73	2.19
(32,2488)	1:144:A:LEU:HD23	1:146:A:GLN:HE22	13	2.07	0.73	2.19
(13,1934)	1:12:A:VAL:HG11	1:32:A:GLY:HA2	13	1.95	0.96	2.2
(13,1934)	1:12:A:VAL:HG12	1:32:A:GLY:HA2	13	1.95	0.96	2.2
(13,1934)	1:12:A:VAL:HG13	1:32:A:GLY:HA2	13	1.95	0.96	2.2
(13,1934)	1:12:A:VAL:HG21	1:32:A:GLY:HA2	13	1.95	0.96	2.2
(13,1934)	1:12:A:VAL:HG22	1:32:A:GLY:HA2	13	1.95	0.96	2.2
(13,1934)	1:12:A:VAL:HG23	1:32:A:GLY:HA2	13	1.95	0.96	2.2
(33,1627)	1:27:A:ARG:HA	1:30:A:LEU:H	13	1.94	0.39	2.1
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD21	13	1.92	0.98	1.62
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD22	13	1.92	0.98	1.62
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD23	13	1.92	0.98	1.62
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD21	13	1.92	0.98	1.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD22	13	1.92	0.98	1.62
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD23	13	1.92	0.98	1.62
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD21	13	1.92	0.98	1.62
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD22	13	1.92	0.98	1.62
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD23	13	1.92	0.98	1.62
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD11	13	1.92	1.09	2.07
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD12	13	1.92	1.09	2.07
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD13	13	1.92	1.09	2.07
(5,1123)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	13	1.85	0.96	1.67
(5,1123)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	13	1.85	0.96	1.67
(5,1123)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	13	1.85	0.96	1.67
(5,1123)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	13	1.85	0.96	1.67
(5,1123)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	13	1.85	0.96	1.67
(5,1123)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	13	1.85	0.96	1.67
(5,2474)	1:144:A:LEU:HD11	1:148:A:CYS:H	13	1.79	0.6	2.0
(5,2474)	1:144:A:LEU:HD12	1:148:A:CYS:H	13	1.79	0.6	2.0
(5,2474)	1:144:A:LEU:HD13	1:148:A:CYS:H	13	1.79	0.6	2.0
(5,2474)	1:144:A:LEU:HD21	1:148:A:CYS:H	13	1.79	0.6	2.0
(5,2474)	1:144:A:LEU:HD22	1:148:A:CYS:H	13	1.79	0.6	2.0
(5,2474)	1:144:A:LEU:HD23	1:148:A:CYS:H	13	1.79	0.6	2.0
(9,2433)	1:144:A:LEU:HD11	1:148:A:CYS:H	13	1.79	0.6	2.0
(9,2433)	1:144:A:LEU:HD12	1:148:A:CYS:H	13	1.79	0.6	2.0
(9,2433)	1:144:A:LEU:HD13	1:148:A:CYS:H	13	1.79	0.6	2.0
(9,2433)	1:144:A:LEU:HD21	1:148:A:CYS:H	13	1.79	0.6	2.0
(9,2433)	1:144:A:LEU:HD22	1:148:A:CYS:H	13	1.79	0.6	2.0
(9,2433)	1:144:A:LEU:HD23	1:148:A:CYS:H	13	1.79	0.6	2.0
(29,2445)	1:144:A:LEU:HD11	1:148:A:CYS:H	13	1.79	0.6	2.0
(29,2445)	1:144:A:LEU:HD12	1:148:A:CYS:H	13	1.79	0.6	2.0
(29,2445)	1:144:A:LEU:HD13	1:148:A:CYS:H	13	1.79	0.6	2.0
(29,2445)	1:144:A:LEU:HD21	1:148:A:CYS:H	13	1.79	0.6	2.0
(29,2445)	1:144:A:LEU:HD22	1:148:A:CYS:H	13	1.79	0.6	2.0
(29,2445)	1:144:A:LEU:HD23	1:148:A:CYS:H	13	1.79	0.6	2.0
(33,2500)	1:144:A:LEU:HD11	1:148:A:CYS:H	13	1.79	0.6	2.0
(33,2500)	1:144:A:LEU:HD12	1:148:A:CYS:H	13	1.79	0.6	2.0
(33,2500)	1:144:A:LEU:HD13	1:148:A:CYS:H	13	1.79	0.6	2.0
(33,2500)	1:144:A:LEU:HD21	1:148:A:CYS:H	13	1.79	0.6	2.0
(33,2500)	1:144:A:LEU:HD22	1:148:A:CYS:H	13	1.79	0.6	2.0
(33,2500)	1:144:A:LEU:HD23	1:148:A:CYS:H	13	1.79	0.6	2.0
(5,1663)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	13	1.77	0.93	2.19
(5,1663)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	13	1.77	0.93	2.19
(5,1663)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	13	1.77	0.93	2.19
(5,1663)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	13	1.77	0.93	2.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,1663)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	13	1.77	0.93	2.19
(5,1663)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	13	1.77	0.93	2.19
(3,2087)	1:32:A:GLY:HA2	1:81:A:GLU:H	13	1.75	1.13	1.36
(3,2087)	1:32:A:GLY:HA3	1:81:A:GLU:H	13	1.75	1.13	1.36
(30,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	13	1.73	1.44	1.28
(30,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	13	1.73	1.44	1.28
(30,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	13	1.73	1.44	1.28
(30,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	13	1.73	1.44	1.28
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD11	13	1.73	0.82	1.91
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD12	13	1.73	0.82	1.91
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD13	13	1.73	0.82	1.91
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	13	1.67	0.9	1.65
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	13	1.67	0.9	1.65
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	13	1.67	0.9	1.65
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	13	1.67	0.9	1.65
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	13	1.67	0.9	1.65
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	13	1.67	0.9	1.65
(18,1682)	1:43:A:MET:HE1	1:131:A:LEU:HA	13	1.63	1.12	1.33
(18,1682)	1:43:A:MET:HE2	1:131:A:LEU:HA	13	1.63	1.12	1.33
(18,1682)	1:43:A:MET:HE3	1:131:A:LEU:HA	13	1.63	1.12	1.33
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	13	1.61	0.96	1.46
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	13	1.61	0.96	1.46
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	13	1.61	0.96	1.46
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	13	1.61	0.96	1.46
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	13	1.61	0.96	1.46
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	13	1.61	0.96	1.46
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD11	13	1.56	0.93	1.25
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD12	13	1.56	0.93	1.25
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD13	13	1.56	0.93	1.25
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD11	13	1.56	0.93	1.25
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD12	13	1.56	0.93	1.25
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD13	13	1.56	0.93	1.25
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD11	13	1.56	0.93	1.25
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD12	13	1.56	0.93	1.25
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD13	13	1.56	0.93	1.25
(33,971)	1:141:A:LYS:HB2	1:149:A:ALA:HA	13	1.56	1.18	1.46
(33,971)	1:141:A:LYS:HB3	1:149:A:ALA:HA	13	1.56	1.18	1.46
(11,64)	1:34:A:LYS:H	1:81:A:GLU:H	13	1.53	1.04	1.2
(15,63)	1:34:A:LYS:H	1:81:A:GLU:H	13	1.53	1.04	1.2
(30,59)	1:34:A:LYS:H	1:81:A:GLU:H	13	1.53	1.04	1.2
(5,2469)	1:144:A:LEU:HD11	1:147:A:ARG:H	13	1.5	0.67	1.49
(5,2469)	1:144:A:LEU:HD12	1:147:A:ARG:H	13	1.5	0.67	1.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,2469)	1:144:A:LEU:HD13	1:147:A:ARG:H	13	1.5	0.67	1.49
(5,2469)	1:144:A:LEU:HD21	1:147:A:ARG:H	13	1.5	0.67	1.49
(5,2469)	1:144:A:LEU:HD22	1:147:A:ARG:H	13	1.5	0.67	1.49
(5,2469)	1:144:A:LEU:HD23	1:147:A:ARG:H	13	1.5	0.67	1.49
(9,2430)	1:144:A:LEU:HD11	1:147:A:ARG:H	13	1.5	0.67	1.49
(9,2430)	1:144:A:LEU:HD12	1:147:A:ARG:H	13	1.5	0.67	1.49
(9,2430)	1:144:A:LEU:HD13	1:147:A:ARG:H	13	1.5	0.67	1.49
(9,2430)	1:144:A:LEU:HD21	1:147:A:ARG:H	13	1.5	0.67	1.49
(9,2430)	1:144:A:LEU:HD22	1:147:A:ARG:H	13	1.5	0.67	1.49
(9,2430)	1:144:A:LEU:HD23	1:147:A:ARG:H	13	1.5	0.67	1.49
(15,2492)	1:144:A:LEU:HD11	1:147:A:ARG:H	13	1.5	0.67	1.49
(15,2492)	1:144:A:LEU:HD12	1:147:A:ARG:H	13	1.5	0.67	1.49
(15,2492)	1:144:A:LEU:HD13	1:147:A:ARG:H	13	1.5	0.67	1.49
(15,2492)	1:144:A:LEU:HD21	1:147:A:ARG:H	13	1.5	0.67	1.49
(15,2492)	1:144:A:LEU:HD22	1:147:A:ARG:H	13	1.5	0.67	1.49
(15,2492)	1:144:A:LEU:HD23	1:147:A:ARG:H	13	1.5	0.67	1.49
(17,2480)	1:144:A:LEU:HD11	1:147:A:ARG:H	13	1.5	0.67	1.49
(17,2480)	1:144:A:LEU:HD12	1:147:A:ARG:H	13	1.5	0.67	1.49
(17,2480)	1:144:A:LEU:HD13	1:147:A:ARG:H	13	1.5	0.67	1.49
(17,2480)	1:144:A:LEU:HD21	1:147:A:ARG:H	13	1.5	0.67	1.49
(17,2480)	1:144:A:LEU:HD22	1:147:A:ARG:H	13	1.5	0.67	1.49
(17,2480)	1:144:A:LEU:HD23	1:147:A:ARG:H	13	1.5	0.67	1.49
(29,2442)	1:144:A:LEU:HD11	1:147:A:ARG:H	13	1.5	0.67	1.49
(29,2442)	1:144:A:LEU:HD12	1:147:A:ARG:H	13	1.5	0.67	1.49
(29,2442)	1:144:A:LEU:HD13	1:147:A:ARG:H	13	1.5	0.67	1.49
(29,2442)	1:144:A:LEU:HD21	1:147:A:ARG:H	13	1.5	0.67	1.49
(29,2442)	1:144:A:LEU:HD22	1:147:A:ARG:H	13	1.5	0.67	1.49
(29,2442)	1:144:A:LEU:HD23	1:147:A:ARG:H	13	1.5	0.67	1.49
(33,2496)	1:144:A:LEU:HD11	1:147:A:ARG:H	13	1.5	0.67	1.49
(33,2496)	1:144:A:LEU:HD12	1:147:A:ARG:H	13	1.5	0.67	1.49
(33,2496)	1:144:A:LEU:HD13	1:147:A:ARG:H	13	1.5	0.67	1.49
(33,2496)	1:144:A:LEU:HD21	1:147:A:ARG:H	13	1.5	0.67	1.49
(33,2496)	1:144:A:LEU:HD22	1:147:A:ARG:H	13	1.5	0.67	1.49
(33,2496)	1:144:A:LEU:HD23	1:147:A:ARG:H	13	1.5	0.67	1.49
(30,989)	1:35:A:LEU:HG	1:143:A:TRP:HB3	13	1.49	0.91	1.17
(34,1633)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	13	1.48	0.49	1.64
(34,1633)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	13	1.48	0.49	1.64
(34,1633)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	13	1.48	0.49	1.64
(34,1633)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	13	1.48	0.49	1.64
(34,1633)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	13	1.48	0.49	1.64
(34,1633)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	13	1.48	0.49	1.64
(2,2076)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	13	1.47	0.81	1.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2076)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	13	1.47	0.81	1.37
(2,2076)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	13	1.47	0.81	1.37
(2,2076)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	13	1.47	0.81	1.37
(17,2073)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	13	1.47	0.81	1.37
(17,2073)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	13	1.47	0.81	1.37
(17,2073)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	13	1.47	0.81	1.37
(17,2073)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	13	1.47	0.81	1.37
(2,2471)	1:145:A:PRO:HB2	1:148:A:CYS:HB2	13	1.47	0.5	1.48
(2,2471)	1:145:A:PRO:HB2	1:148:A:CYS:HB3	13	1.47	0.5	1.48
(32,2487)	1:144:A:LEU:HD11	1:146:A:GLN:HG2	13	1.47	0.58	1.39
(32,2487)	1:144:A:LEU:HD11	1:146:A:GLN:HG3	13	1.47	0.58	1.39
(32,2487)	1:144:A:LEU:HD12	1:146:A:GLN:HG2	13	1.47	0.58	1.39
(32,2487)	1:144:A:LEU:HD12	1:146:A:GLN:HG3	13	1.47	0.58	1.39
(32,2487)	1:144:A:LEU:HD13	1:146:A:GLN:HG2	13	1.47	0.58	1.39
(32,2487)	1:144:A:LEU:HD13	1:146:A:GLN:HG3	13	1.47	0.58	1.39
(32,2487)	1:144:A:LEU:HD21	1:146:A:GLN:HG2	13	1.47	0.58	1.39
(32,2487)	1:144:A:LEU:HD21	1:146:A:GLN:HG3	13	1.47	0.58	1.39
(32,2487)	1:144:A:LEU:HD22	1:146:A:GLN:HG2	13	1.47	0.58	1.39
(32,2487)	1:144:A:LEU:HD22	1:146:A:GLN:HG3	13	1.47	0.58	1.39
(32,2487)	1:144:A:LEU:HD23	1:146:A:GLN:HG2	13	1.47	0.58	1.39
(32,2487)	1:144:A:LEU:HD23	1:146:A:GLN:HG3	13	1.47	0.58	1.39
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	13	1.45	0.96	1.3
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	13	1.45	0.96	1.3
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	13	1.45	0.96	1.3
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	13	1.45	0.96	1.3
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	13	1.45	0.96	1.3
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	13	1.45	0.96	1.3
(4,2145)	1:43:A:MET:HE1	1:46:A:ASN:HB2	13	1.41	0.68	1.07
(4,2145)	1:43:A:MET:HE1	1:46:A:ASN:HB3	13	1.41	0.68	1.07
(4,2145)	1:43:A:MET:HE2	1:46:A:ASN:HB2	13	1.41	0.68	1.07
(4,2145)	1:43:A:MET:HE2	1:46:A:ASN:HB3	13	1.41	0.68	1.07
(4,2145)	1:43:A:MET:HE3	1:46:A:ASN:HB2	13	1.41	0.68	1.07
(4,2145)	1:43:A:MET:HE3	1:46:A:ASN:HB3	13	1.41	0.68	1.07
(7,2120)	1:43:A:MET:HE1	1:46:A:ASN:HB2	13	1.41	0.68	1.07
(7,2120)	1:43:A:MET:HE1	1:46:A:ASN:HB3	13	1.41	0.68	1.07
(7,2120)	1:43:A:MET:HE2	1:46:A:ASN:HB2	13	1.41	0.68	1.07
(7,2120)	1:43:A:MET:HE2	1:46:A:ASN:HB3	13	1.41	0.68	1.07
(7,2120)	1:43:A:MET:HE3	1:46:A:ASN:HB2	13	1.41	0.68	1.07
(7,2120)	1:43:A:MET:HE3	1:46:A:ASN:HB3	13	1.41	0.68	1.07
(32,2134)	1:43:A:MET:HE1	1:46:A:ASN:HB2	13	1.41	0.68	1.07
(32,2134)	1:43:A:MET:HE1	1:46:A:ASN:HB3	13	1.41	0.68	1.07
(32,2134)	1:43:A:MET:HE2	1:46:A:ASN:HB2	13	1.41	0.68	1.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,2134)	1:43:A:MET:HE2	1:46:A:ASN:HB3	13	1.41	0.68	1.07
(32,2134)	1:43:A:MET:HE3	1:46:A:ASN:HB2	13	1.41	0.68	1.07
(32,2134)	1:43:A:MET:HE3	1:46:A:ASN:HB3	13	1.41	0.68	1.07
(7,978)	1:35:A:LEU:HG	1:143:A:TRP:HB3	13	1.41	0.91	1.09
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB1	13	1.39	1.05	1.36
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB2	13	1.39	1.05	1.36
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB3	13	1.39	1.05	1.36
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB1	13	1.39	1.05	1.36
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB2	13	1.39	1.05	1.36
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB3	13	1.39	1.05	1.36
(11,2074)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	13	1.38	0.97	1.12
(11,2074)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	13	1.38	0.97	1.12
(11,2074)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	13	1.38	0.97	1.12
(11,2074)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	13	1.38	0.97	1.12
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	13	1.38	0.72	1.16
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	13	1.38	0.72	1.16
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	13	1.38	0.72	1.16
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	13	1.38	0.72	1.16
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	13	1.38	0.72	1.16
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	13	1.38	0.72	1.16
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	13	1.38	0.72	1.16
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	13	1.38	0.72	1.16
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	13	1.38	0.72	1.16
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	13	1.38	0.72	1.16
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	13	1.38	0.72	1.16
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	13	1.38	0.72	1.16
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	13	1.38	0.72	1.16
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	13	1.38	0.72	1.16
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	13	1.38	0.72	1.16
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	13	1.38	0.72	1.16
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	13	1.38	0.72	1.16
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	13	1.38	0.72	1.16
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD11	13	1.37	0.93	1.06
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD12	13	1.37	0.93	1.06
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD13	13	1.37	0.93	1.06
(2,1345)	1:17:A:ASN:HA	1:76:A:ARG:HA	13	1.33	1.46	0.6
(3,1368)	1:17:A:ASN:HA	1:76:A:ARG:HA	13	1.33	1.46	0.6
(6,1340)	1:17:A:ASN:HA	1:76:A:ARG:HA	13	1.33	1.46	0.6
(17,1356)	1:17:A:ASN:HA	1:76:A:ARG:HA	13	1.33	1.46	0.6
(34,1362)	1:17:A:ASN:HA	1:76:A:ARG:HA	13	1.33	1.46	0.6
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG21	13	1.33	0.31	1.36
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG22	13	1.33	0.31	1.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG23	13	1.33	0.31	1.36
(5,1137)	1:40:A:LEU:HA	1:44:A:GLU:HG3	13	1.33	0.36	1.3
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG11	13	1.31	0.97	1.15
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG12	13	1.31	0.97	1.15
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG13	13	1.31	0.97	1.15
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG21	13	1.31	0.97	1.15
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG22	13	1.31	0.97	1.15
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG23	13	1.31	0.97	1.15
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	13	1.25	0.63	1.12
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	13	1.25	0.63	1.12
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	13	1.25	0.63	1.12
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	13	1.24	0.63	1.11
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	13	1.24	0.63	1.11
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	13	1.24	0.63	1.11
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	13	1.23	0.53	1.6
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	13	1.23	0.53	1.6
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	13	1.23	0.53	1.6
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	13	1.23	0.53	1.6
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	13	1.23	0.53	1.6
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	13	1.23	0.53	1.6
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	13	1.23	0.53	1.6
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	13	1.23	0.53	1.6
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	13	1.23	0.53	1.6
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	13	1.23	0.53	1.6
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	13	1.23	0.53	1.6
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	13	1.23	0.53	1.6
(11,1118)	1:146:A:GLN:HA	1:147:A:ARG:HG2	13	1.21	0.63	1.12
(11,1118)	1:146:A:GLN:HA	1:147:A:ARG:HG3	13	1.21	0.63	1.12
(7,1487)	1:43:A:MET:HE1	1:44:A:GLU:HA	13	1.2	0.62	1.12
(7,1487)	1:43:A:MET:HE2	1:44:A:GLU:HA	13	1.2	0.62	1.12
(7,1487)	1:43:A:MET:HE3	1:44:A:GLU:HA	13	1.2	0.62	1.12
(5,1893)	1:9:A:PHE:HE1	1:14:A:VAL:HB	13	1.14	0.8	1.06
(5,1893)	1:9:A:PHE:HE2	1:14:A:VAL:HB	13	1.14	0.8	1.06
(34,1977)	1:12:A:VAL:HG11	1:79:A:THR:HA	13	1.13	0.74	1.15
(34,1977)	1:12:A:VAL:HG12	1:79:A:THR:HA	13	1.13	0.74	1.15
(34,1977)	1:12:A:VAL:HG13	1:79:A:THR:HA	13	1.13	0.74	1.15
(34,1977)	1:12:A:VAL:HG21	1:79:A:THR:HA	13	1.13	0.74	1.15
(34,1977)	1:12:A:VAL:HG22	1:79:A:THR:HA	13	1.13	0.74	1.15
(34,1977)	1:12:A:VAL:HG23	1:79:A:THR:HA	13	1.13	0.74	1.15
(13,1853)	1:18:A:PHE:HE1	1:128:A:LEU:HG	13	1.1	0.82	0.73
(13,1853)	1:18:A:PHE:HE2	1:128:A:LEU:HG	13	1.1	0.82	0.73
(18,1886)	1:18:A:PHE:HE1	1:128:A:LEU:HG	13	1.1	0.82	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,1886)	1:18:A:PHE:HE2	1:128:A:LEU:HG	13	1.1	0.82	0.73
(4,918)	1:125:A:THR:HB	1:128:A:LEU:HG	13	1.09	0.31	1.1
(1,1483)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	13	1.08	0.35	1.27
(7,1452)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	13	1.08	0.35	1.27
(18,1465)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	13	1.08	0.35	1.27
(29,1483)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	13	1.08	0.35	1.27
(15,956)	1:74:A:PRO:HA	1:77:A:CYS:HB2	13	1.08	0.85	0.77
(34,1978)	1:12:A:VAL:HG11	1:79:A:THR:HB	13	1.07	0.6	0.76
(34,1978)	1:12:A:VAL:HG12	1:79:A:THR:HB	13	1.07	0.6	0.76
(34,1978)	1:12:A:VAL:HG13	1:79:A:THR:HB	13	1.07	0.6	0.76
(34,1978)	1:12:A:VAL:HG21	1:79:A:THR:HB	13	1.07	0.6	0.76
(34,1978)	1:12:A:VAL:HG22	1:79:A:THR:HB	13	1.07	0.6	0.76
(34,1978)	1:12:A:VAL:HG23	1:79:A:THR:HB	13	1.07	0.6	0.76
(9,1505)	1:43:A:MET:HE1	1:46:A:ASN:HB2	13	1.04	0.74	0.67
(9,1505)	1:43:A:MET:HE2	1:46:A:ASN:HB2	13	1.04	0.74	0.67
(9,1505)	1:43:A:MET:HE3	1:46:A:ASN:HB2	13	1.04	0.74	0.67
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD11	13	1.03	0.26	1.04
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD12	13	1.03	0.26	1.04
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD13	13	1.03	0.26	1.04
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD11	13	1.03	0.26	1.04
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD12	13	1.03	0.26	1.04
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD13	13	1.03	0.26	1.04
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD11	13	1.03	0.26	1.04
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD12	13	1.03	0.26	1.04
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD13	13	1.03	0.26	1.04
(4,43)	1:98:A:ILE:H	1:104:A:PHE:HB2	13	1.02	0.52	0.9
(15,2332)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	13	1.01	0.53	1.31
(15,2332)	1:108:A:GLU:HB2	1:111:A:GLU:HG3	13	1.01	0.53	1.31
(15,2332)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	13	1.01	0.53	1.31
(15,2332)	1:108:A:GLU:HB3	1:111:A:GLU:HG3	13	1.01	0.53	1.31
(13,857)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	13	0.99	0.74	0.89
(13,857)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	13	0.99	0.74	0.89
(15,1468)	1:95:A:ILE:HG21	1:97:A:ASP:H	13	0.98	0.45	1.01
(15,1468)	1:95:A:ILE:HG22	1:97:A:ASP:H	13	0.98	0.45	1.01
(15,1468)	1:95:A:ILE:HG23	1:97:A:ASP:H	13	0.98	0.45	1.01
(9,937)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	13	0.98	0.49	0.69
(11,2419)	1:134:A:VAL:HG11	1:137:A:SER:HB2	13	0.97	0.62	1.09
(11,2419)	1:134:A:VAL:HG11	1:137:A:SER:HB3	13	0.97	0.62	1.09
(11,2419)	1:134:A:VAL:HG12	1:137:A:SER:HB2	13	0.97	0.62	1.09
(11,2419)	1:134:A:VAL:HG12	1:137:A:SER:HB3	13	0.97	0.62	1.09
(11,2419)	1:134:A:VAL:HG13	1:137:A:SER:HB2	13	0.97	0.62	1.09
(11,2419)	1:134:A:VAL:HG13	1:137:A:SER:HB3	13	0.97	0.62	1.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,2419)	1:134:A:VAL:HG21	1:137:A:SER:HB2	13	0.97	0.62	1.09
(11,2419)	1:134:A:VAL:HG21	1:137:A:SER:HB3	13	0.97	0.62	1.09
(11,2419)	1:134:A:VAL:HG22	1:137:A:SER:HB2	13	0.97	0.62	1.09
(11,2419)	1:134:A:VAL:HG22	1:137:A:SER:HB3	13	0.97	0.62	1.09
(11,2419)	1:134:A:VAL:HG23	1:137:A:SER:HB2	13	0.97	0.62	1.09
(11,2419)	1:134:A:VAL:HG23	1:137:A:SER:HB3	13	0.97	0.62	1.09
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	13	0.96	0.63	0.83
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	13	0.96	0.63	0.83
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	13	0.96	0.63	0.83
(5,977)	1:47:A:ALA:HB1	1:134:A:VAL:HB	13	0.96	0.49	0.74
(5,977)	1:47:A:ALA:HB2	1:134:A:VAL:HB	13	0.96	0.49	0.74
(5,977)	1:47:A:ALA:HB3	1:134:A:VAL:HB	13	0.96	0.49	0.74
(2,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	13	0.95	0.58	0.69
(7,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	13	0.95	0.58	0.69
(9,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	13	0.95	0.58	0.69
(17,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	13	0.95	0.58	0.69
(34,630)	1:35:A:LEU:H	1:80:A:TYR:HB2	13	0.95	0.58	0.69
(3,2145)	1:39:A:VAL:HG11	1:144:A:LEU:H	13	0.94	0.43	1.05
(3,2145)	1:39:A:VAL:HG12	1:144:A:LEU:H	13	0.94	0.43	1.05
(3,2145)	1:39:A:VAL:HG13	1:144:A:LEU:H	13	0.94	0.43	1.05
(3,2145)	1:39:A:VAL:HG21	1:144:A:LEU:H	13	0.94	0.43	1.05
(3,2145)	1:39:A:VAL:HG22	1:144:A:LEU:H	13	0.94	0.43	1.05
(3,2145)	1:39:A:VAL:HG23	1:144:A:LEU:H	13	0.94	0.43	1.05
(11,2135)	1:39:A:VAL:HG11	1:144:A:LEU:H	13	0.94	0.43	1.05
(11,2135)	1:39:A:VAL:HG12	1:144:A:LEU:H	13	0.94	0.43	1.05
(11,2135)	1:39:A:VAL:HG13	1:144:A:LEU:H	13	0.94	0.43	1.05
(11,2135)	1:39:A:VAL:HG21	1:144:A:LEU:H	13	0.94	0.43	1.05
(11,2135)	1:39:A:VAL:HG22	1:144:A:LEU:H	13	0.94	0.43	1.05
(11,2135)	1:39:A:VAL:HG23	1:144:A:LEU:H	13	0.94	0.43	1.05
(7,682)	1:145:A:PRO:HB2	1:148:A:CYS:H	13	0.92	0.54	0.81
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD11	13	0.91	0.55	0.82
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD12	13	0.91	0.55	0.82
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD13	13	0.91	0.55	0.82
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD11	13	0.87	0.37	0.88
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD12	13	0.87	0.37	0.88
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD13	13	0.87	0.37	0.88
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD21	13	0.87	0.37	0.88
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD22	13	0.87	0.37	0.88
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD23	13	0.87	0.37	0.88
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD11	13	0.87	0.37	0.88
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD12	13	0.87	0.37	0.88
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD13	13	0.87	0.37	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD21	13	0.87	0.37	0.88
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD22	13	0.87	0.37	0.88
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD23	13	0.87	0.37	0.88
(30,1087)	1:136:A:CYS:HB3	1:141:A:LYS:HA	13	0.87	0.61	0.71
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE1	13	0.85	0.32	0.75
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE2	13	0.85	0.32	0.75
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE3	13	0.85	0.32	0.75
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE1	13	0.85	0.32	0.75
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE2	13	0.85	0.32	0.75
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE3	13	0.85	0.32	0.75
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD11	13	0.84	0.37	0.85
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD12	13	0.84	0.37	0.85
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD13	13	0.84	0.37	0.85
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD21	13	0.84	0.37	0.85
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD22	13	0.84	0.37	0.85
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD23	13	0.84	0.37	0.85
(32,1695)	1:31:A:PRO:HB2	1:35:A:LEU:HA	13	0.83	0.48	0.75
(32,1695)	1:31:A:PRO:HB3	1:35:A:LEU:HA	13	0.83	0.48	0.75
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	13	0.83	0.45	0.91
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	13	0.83	0.45	0.91
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	13	0.83	0.45	0.91
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	13	0.83	0.45	0.91
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	13	0.83	0.45	0.91
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	13	0.83	0.45	0.91
(13,905)	1:125:A:THR:HB	1:128:A:LEU:HG	13	0.83	0.31	0.84
(17,931)	1:125:A:THR:HB	1:128:A:LEU:HG	13	0.83	0.31	0.84
(16,1763)	1:95:A:ILE:HB	1:97:A:ASP:HB2	13	0.82	0.47	0.86
(16,1763)	1:95:A:ILE:HB	1:97:A:ASP:HB3	13	0.82	0.47	0.86
(2,685)	1:145:A:PRO:HB3	1:148:A:CYS:H	13	0.81	0.5	0.7
(11,686)	1:145:A:PRO:HB3	1:148:A:CYS:H	13	0.81	0.5	0.7
(34,1994)	1:14:A:VAL:HG11	1:18:A:PHE:HA	13	0.8	0.33	0.75
(34,1994)	1:14:A:VAL:HG12	1:18:A:PHE:HA	13	0.8	0.33	0.75
(34,1994)	1:14:A:VAL:HG13	1:18:A:PHE:HA	13	0.8	0.33	0.75
(34,1994)	1:14:A:VAL:HG21	1:18:A:PHE:HA	13	0.8	0.33	0.75
(34,1994)	1:14:A:VAL:HG22	1:18:A:PHE:HA	13	0.8	0.33	0.75
(34,1994)	1:14:A:VAL:HG23	1:18:A:PHE:HA	13	0.8	0.33	0.75
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	13	0.79	0.26	0.8
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	13	0.79	0.26	0.8
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	13	0.79	0.26	0.8
(7,1241)	1:12:A:VAL:HG11	1:40:A:LEU:HA	13	0.79	0.45	0.84
(7,1241)	1:12:A:VAL:HG12	1:40:A:LEU:HA	13	0.79	0.45	0.84
(7,1241)	1:12:A:VAL:HG13	1:40:A:LEU:HA	13	0.79	0.45	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,1260)	1:12:A:VAL:HG11	1:40:A:LEU:HA	13	0.79	0.45	0.84
(15,1260)	1:12:A:VAL:HG12	1:40:A:LEU:HA	13	0.79	0.45	0.84
(15,1260)	1:12:A:VAL:HG13	1:40:A:LEU:HA	13	0.79	0.45	0.84
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	13	0.78	0.45	0.65
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	13	0.78	0.45	0.65
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	13	0.78	0.45	0.65
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	13	0.78	0.45	0.65
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	13	0.78	0.45	0.65
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	13	0.78	0.45	0.65
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	13	0.78	0.45	0.65
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	13	0.78	0.45	0.65
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	13	0.78	0.45	0.65
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	13	0.78	0.45	0.65
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	13	0.78	0.45	0.65
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	13	0.78	0.45	0.65
(3,848)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	13	0.77	0.39	0.85
(3,848)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	13	0.77	0.39	0.85
(3,848)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	13	0.77	0.39	0.85
(3,848)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	13	0.77	0.39	0.85
(3,848)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	13	0.77	0.39	0.85
(3,848)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	13	0.77	0.39	0.85
(17,1682)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	13	0.75	0.49	0.59
(17,1682)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	13	0.75	0.49	0.59
(2,2464)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	13	0.75	0.26	0.7
(2,2464)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	13	0.75	0.26	0.7
(2,2464)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	13	0.75	0.26	0.7
(2,2464)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	13	0.75	0.26	0.7
(2,2464)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	13	0.75	0.26	0.7
(2,2464)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	13	0.75	0.26	0.7
(3,2500)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	13	0.75	0.26	0.7
(3,2500)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	13	0.75	0.26	0.7
(3,2500)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	13	0.75	0.26	0.7
(3,2500)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	13	0.75	0.26	0.7
(3,2500)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	13	0.75	0.26	0.7
(3,2500)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	13	0.75	0.26	0.7
(3,118)	1:79:A:THR:H	1:80:A:TYR:H	13	0.74	0.27	0.78
(9,118)	1:79:A:THR:H	1:80:A:TYR:H	13	0.74	0.27	0.78
(11,119)	1:79:A:THR:H	1:80:A:TYR:H	13	0.74	0.27	0.78
(16,118)	1:79:A:THR:H	1:80:A:TYR:H	13	0.74	0.27	0.78
(18,121)	1:79:A:THR:H	1:80:A:TYR:H	13	0.74	0.27	0.78
(2,622)	1:40:A:LEU:H	1:43:A:MET:HG3	13	0.73	0.41	0.68
(18,322)	1:11:A:ILE:HD11	1:43:A:MET:H	13	0.73	0.37	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,322)	1:11:A:ILE:HD12	1:43:A:MET:H	13	0.73	0.37	0.65
(18,322)	1:11:A:ILE:HD13	1:43:A:MET:H	13	0.73	0.37	0.65
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	13	0.73	0.27	0.81
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	13	0.73	0.27	0.81
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	13	0.73	0.27	0.81
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	13	0.73	0.27	0.81
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	13	0.73	0.27	0.81
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	13	0.73	0.27	0.81
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	13	0.73	0.27	0.81
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	13	0.73	0.27	0.81
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	13	0.73	0.27	0.81
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	13	0.73	0.27	0.81
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	13	0.73	0.27	0.81
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	13	0.73	0.27	0.81
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	13	0.73	0.27	0.81
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	13	0.73	0.27	0.81
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	13	0.73	0.27	0.81
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	13	0.73	0.27	0.81
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	13	0.73	0.27	0.81
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	13	0.73	0.27	0.81
(3,2306)	1:79:A:THR:HG21	1:81:A:GLU:HB2	13	0.72	0.47	0.65
(3,2306)	1:79:A:THR:HG21	1:81:A:GLU:HB3	13	0.72	0.47	0.65
(3,2306)	1:79:A:THR:HG22	1:81:A:GLU:HB2	13	0.72	0.47	0.65
(3,2306)	1:79:A:THR:HG22	1:81:A:GLU:HB3	13	0.72	0.47	0.65
(3,2306)	1:79:A:THR:HG23	1:81:A:GLU:HB2	13	0.72	0.47	0.65
(3,2306)	1:79:A:THR:HG23	1:81:A:GLU:HB3	13	0.72	0.47	0.65
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD21	13	0.71	0.22	0.69
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD22	13	0.71	0.22	0.69
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD23	13	0.71	0.22	0.69
(18,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB2	13	0.71	0.47	0.64
(18,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB3	13	0.71	0.47	0.64
(18,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB2	13	0.71	0.47	0.64
(18,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB3	13	0.71	0.47	0.64
(18,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB2	13	0.71	0.47	0.64
(18,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB3	13	0.71	0.47	0.64
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	13	0.7	0.27	0.78
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	13	0.7	0.27	0.78
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	13	0.7	0.27	0.78
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	13	0.7	0.27	0.78
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	13	0.7	0.27	0.78
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	13	0.7	0.27	0.78
(5,960)	1:11:A:ILE:HG12	1:43:A:MET:HB2	13	0.69	0.21	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,2286)	1:79:A:THR:HG21	1:81:A:GLU:HB2	13	0.67	0.47	0.6
(30,2286)	1:79:A:THR:HG21	1:81:A:GLU:HB3	13	0.67	0.47	0.6
(30,2286)	1:79:A:THR:HG22	1:81:A:GLU:HB2	13	0.67	0.47	0.6
(30,2286)	1:79:A:THR:HG22	1:81:A:GLU:HB3	13	0.67	0.47	0.6
(30,2286)	1:79:A:THR:HG23	1:81:A:GLU:HB2	13	0.67	0.47	0.6
(30,2286)	1:79:A:THR:HG23	1:81:A:GLU:HB3	13	0.67	0.47	0.6
(13,2003)	1:23:A:LEU:HD11	1:27:A:ARG:HB2	13	0.67	0.43	0.68
(13,2003)	1:23:A:LEU:HD12	1:27:A:ARG:HB2	13	0.67	0.43	0.68
(13,2003)	1:23:A:LEU:HD13	1:27:A:ARG:HB2	13	0.67	0.43	0.68
(13,2003)	1:23:A:LEU:HD21	1:27:A:ARG:HB2	13	0.67	0.43	0.68
(13,2003)	1:23:A:LEU:HD22	1:27:A:ARG:HB2	13	0.67	0.43	0.68
(13,2003)	1:23:A:LEU:HD23	1:27:A:ARG:HB2	13	0.67	0.43	0.68
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD11	13	0.67	0.49	0.47
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD12	13	0.67	0.49	0.47
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD13	13	0.67	0.49	0.47
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD11	13	0.67	0.49	0.47
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD12	13	0.67	0.49	0.47
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD13	13	0.67	0.49	0.47
(2,72)	1:54:A:ARG:H	1:54:A:ARG:HE	13	0.65	0.32	0.65
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	13	0.65	0.32	0.53
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	13	0.65	0.32	0.53
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	13	0.65	0.32	0.53
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD21	13	0.64	0.24	0.65
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD22	13	0.64	0.24	0.65
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD23	13	0.64	0.24	0.65
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD21	13	0.64	0.24	0.65
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD22	13	0.64	0.24	0.65
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD23	13	0.64	0.24	0.65
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD21	13	0.64	0.24	0.65
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD22	13	0.64	0.24	0.65
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD23	13	0.64	0.24	0.65
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD21	13	0.64	0.24	0.65
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD22	13	0.64	0.24	0.65
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD23	13	0.64	0.24	0.65
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD21	13	0.64	0.24	0.65
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD22	13	0.64	0.24	0.65
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD23	13	0.64	0.24	0.65
(16,1531)	1:69:A:MET:HE1	1:76:A:ARG:HG2	13	0.63	0.23	0.59
(16,1531)	1:69:A:MET:HE1	1:76:A:ARG:HG3	13	0.63	0.23	0.59
(16,1531)	1:69:A:MET:HE2	1:76:A:ARG:HG2	13	0.63	0.23	0.59
(16,1531)	1:69:A:MET:HE2	1:76:A:ARG:HG3	13	0.63	0.23	0.59
(16,1531)	1:69:A:MET:HE3	1:76:A:ARG:HG2	13	0.63	0.23	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1531)	1:69:A:MET:HE3	1:76:A:ARG:HG3	13	0.63	0.23	0.59
(4,304)	1:64:A:LYS:HD2	1:65:A:CYS:H	13	0.6	0.39	0.44
(4,304)	1:64:A:LYS:HD3	1:65:A:CYS:H	13	0.6	0.39	0.44
(4,2199)	1:60:A:LEU:HD11	1:120:A:CYS:HA	13	0.6	0.25	0.71
(4,2199)	1:60:A:LEU:HD12	1:120:A:CYS:HA	13	0.6	0.25	0.71
(4,2199)	1:60:A:LEU:HD13	1:120:A:CYS:HA	13	0.6	0.25	0.71
(4,2199)	1:60:A:LEU:HD21	1:120:A:CYS:HA	13	0.6	0.25	0.71
(4,2199)	1:60:A:LEU:HD22	1:120:A:CYS:HA	13	0.6	0.25	0.71
(4,2199)	1:60:A:LEU:HD23	1:120:A:CYS:HA	13	0.6	0.25	0.71
(5,2479)	1:146:A:GLN:HG2	1:148:A:CYS:H	13	0.59	0.45	0.44
(5,2479)	1:146:A:GLN:HG3	1:148:A:CYS:H	13	0.59	0.45	0.44
(7,1997)	1:23:A:LEU:HD11	1:27:A:ARG:HA	13	0.59	0.47	0.31
(7,1997)	1:23:A:LEU:HD12	1:27:A:ARG:HA	13	0.59	0.47	0.31
(7,1997)	1:23:A:LEU:HD13	1:27:A:ARG:HA	13	0.59	0.47	0.31
(7,1997)	1:23:A:LEU:HD21	1:27:A:ARG:HA	13	0.59	0.47	0.31
(7,1997)	1:23:A:LEU:HD22	1:27:A:ARG:HA	13	0.59	0.47	0.31
(7,1997)	1:23:A:LEU:HD23	1:27:A:ARG:HA	13	0.59	0.47	0.31
(11,1687)	1:134:A:VAL:HG21	1:137:A:SER:H	13	0.58	0.39	0.48
(11,1687)	1:134:A:VAL:HG22	1:137:A:SER:H	13	0.58	0.39	0.48
(11,1687)	1:134:A:VAL:HG23	1:137:A:SER:H	13	0.58	0.39	0.48
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG11	13	0.58	0.08	0.59
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG12	13	0.58	0.08	0.59
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG13	13	0.58	0.08	0.59
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG11	13	0.58	0.08	0.59
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG12	13	0.58	0.08	0.59
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG13	13	0.58	0.08	0.59
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG11	13	0.58	0.08	0.59
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG12	13	0.58	0.08	0.59
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG13	13	0.58	0.08	0.59
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG11	13	0.58	0.08	0.59
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG12	13	0.58	0.08	0.59
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG13	13	0.58	0.08	0.59
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG11	13	0.58	0.08	0.59
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG12	13	0.58	0.08	0.59
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG13	13	0.58	0.08	0.59
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG11	13	0.58	0.08	0.59
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG12	13	0.58	0.08	0.59
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG13	13	0.58	0.08	0.59
(18,2225)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	13	0.56	0.36	0.63
(18,2225)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	13	0.56	0.36	0.63
(18,2225)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	13	0.56	0.36	0.63
(18,2225)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	13	0.56	0.36	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,2225)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	13	0.56	0.36	0.63
(18,2225)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	13	0.56	0.36	0.63
(18,2225)	1:60:A:LEU:HD11	1:122:A:ASP:HB3	13	0.56	0.36	0.63
(18,2225)	1:60:A:LEU:HD12	1:122:A:ASP:HB3	13	0.56	0.36	0.63
(18,2225)	1:60:A:LEU:HD13	1:122:A:ASP:HB3	13	0.56	0.36	0.63
(18,2225)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	13	0.56	0.36	0.63
(18,2225)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	13	0.56	0.36	0.63
(18,2225)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	13	0.56	0.36	0.63
(6,985)	1:98:A:ILE:HB	1:105:A:LYS:HB2	13	0.56	0.31	0.43
(6,985)	1:98:A:ILE:HB	1:105:A:LYS:HB3	13	0.56	0.31	0.43
(15,1030)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	13	0.56	0.37	0.48
(3,834)	1:98:A:ILE:HD11	1:119:A:LEU:HG	13	0.55	0.23	0.49
(3,834)	1:98:A:ILE:HD12	1:119:A:LEU:HG	13	0.55	0.23	0.49
(3,834)	1:98:A:ILE:HD13	1:119:A:LEU:HG	13	0.55	0.23	0.49
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD11	13	0.55	0.52	0.34
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD12	13	0.55	0.52	0.34
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD13	13	0.55	0.52	0.34
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD11	13	0.53	0.52	0.32
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD12	13	0.53	0.52	0.32
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD13	13	0.53	0.52	0.32
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD11	13	0.53	0.35	0.33
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD12	13	0.53	0.35	0.33
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD13	13	0.53	0.35	0.33
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD21	13	0.53	0.35	0.33
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD22	13	0.53	0.35	0.33
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD23	13	0.53	0.35	0.33
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD11	13	0.53	0.35	0.33
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD12	13	0.53	0.35	0.33
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD13	13	0.53	0.35	0.33
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD21	13	0.53	0.35	0.33
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD22	13	0.53	0.35	0.33
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD23	13	0.53	0.35	0.33
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD11	13	0.53	0.35	0.33
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD12	13	0.53	0.35	0.33
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD13	13	0.53	0.35	0.33
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD21	13	0.53	0.35	0.33
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD22	13	0.53	0.35	0.33
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD23	13	0.53	0.35	0.33
(5,39)	1:43:A:MET:HA	1:47:A:ALA:H	13	0.53	0.21	0.51
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD11	13	0.5	0.36	0.37
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD12	13	0.5	0.36	0.37
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD13	13	0.5	0.36	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,1826)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	13	0.5	0.19	0.47
(9,1826)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	13	0.5	0.19	0.47
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	13	0.49	0.2	0.53
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	13	0.49	0.2	0.53
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	13	0.49	0.2	0.53
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	13	0.49	0.2	0.53
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	13	0.49	0.2	0.53
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	13	0.49	0.2	0.53
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD11	13	0.47	0.19	0.43
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD12	13	0.47	0.19	0.43
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD13	13	0.47	0.19	0.43
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD21	13	0.47	0.19	0.43
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD22	13	0.47	0.19	0.43
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD23	13	0.47	0.19	0.43
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD11	13	0.47	0.19	0.43
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD12	13	0.47	0.19	0.43
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD13	13	0.47	0.19	0.43
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD21	13	0.47	0.19	0.43
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD22	13	0.47	0.19	0.43
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD23	13	0.47	0.19	0.43
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE1	13	0.46	0.28	0.4
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE2	13	0.46	0.28	0.4
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE3	13	0.46	0.28	0.4
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE1	13	0.46	0.28	0.4
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE2	13	0.46	0.28	0.4
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE3	13	0.46	0.28	0.4
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE1	13	0.46	0.28	0.4
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE2	13	0.46	0.28	0.4
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE3	13	0.46	0.28	0.4
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD11	13	0.46	0.2	0.49
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD12	13	0.46	0.2	0.49
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD13	13	0.46	0.2	0.49
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD21	13	0.46	0.2	0.49
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD22	13	0.46	0.2	0.49
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD23	13	0.46	0.2	0.49
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	13	0.45	0.18	0.43
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	13	0.45	0.18	0.43
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	13	0.45	0.18	0.43
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	13	0.45	0.18	0.43
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	13	0.45	0.18	0.43
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	13	0.45	0.18	0.43
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	13	0.45	0.18	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	13	0.45	0.18	0.43
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	13	0.45	0.18	0.43
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	13	0.45	0.18	0.43
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	13	0.45	0.18	0.43
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	13	0.45	0.18	0.43
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	13	0.45	0.18	0.43
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	13	0.45	0.18	0.43
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	13	0.45	0.18	0.43
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	13	0.45	0.18	0.43
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	13	0.45	0.18	0.43
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	13	0.45	0.18	0.43
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	13	0.45	0.18	0.43
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	13	0.45	0.18	0.43
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	13	0.45	0.18	0.43
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	13	0.45	0.18	0.43
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	13	0.45	0.18	0.43
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	13	0.45	0.18	0.43
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	13	0.45	0.18	0.43
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	13	0.45	0.18	0.43
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	13	0.45	0.18	0.43
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	13	0.45	0.18	0.43
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	13	0.45	0.18	0.43
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	13	0.45	0.18	0.43
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	13	0.45	0.18	0.43
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	13	0.45	0.18	0.43
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	13	0.45	0.18	0.43
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	13	0.45	0.18	0.43
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	13	0.45	0.18	0.43
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	13	0.45	0.18	0.43
(29,723)	1:48:A:ARG:HE	1:49:A:LYS:H	13	0.45	0.2	0.44
(7,1558)	1:98:A:ILE:HG21	1:116:A:GLN:H	13	0.43	0.19	0.33
(7,1558)	1:98:A:ILE:HG22	1:116:A:GLN:H	13	0.43	0.19	0.33
(7,1558)	1:98:A:ILE:HG23	1:116:A:GLN:H	13	0.43	0.19	0.33
(13,1555)	1:98:A:ILE:HG21	1:116:A:GLN:H	13	0.43	0.19	0.33
(13,1555)	1:98:A:ILE:HG22	1:116:A:GLN:H	13	0.43	0.19	0.33
(13,1555)	1:98:A:ILE:HG23	1:116:A:GLN:H	13	0.43	0.19	0.33
(5,782)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	13	0.42	0.21	0.39
(5,782)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	13	0.42	0.21	0.39
(5,782)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	13	0.42	0.21	0.39
(4,573)	1:128:A:LEU:HD21	1:130:A:GLY:H	13	0.42	0.19	0.31
(4,573)	1:128:A:LEU:HD22	1:130:A:GLY:H	13	0.42	0.19	0.31
(4,573)	1:128:A:LEU:HD23	1:130:A:GLY:H	13	0.42	0.19	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,1642)	1:128:A:LEU:HD21	1:130:A:GLY:H	13	0.42	0.19	0.31
(11,1642)	1:128:A:LEU:HD22	1:130:A:GLY:H	13	0.42	0.19	0.31
(11,1642)	1:128:A:LEU:HD23	1:130:A:GLY:H	13	0.42	0.19	0.31
(13,575)	1:128:A:LEU:HD21	1:130:A:GLY:H	13	0.42	0.19	0.31
(13,575)	1:128:A:LEU:HD22	1:130:A:GLY:H	13	0.42	0.19	0.31
(13,575)	1:128:A:LEU:HD23	1:130:A:GLY:H	13	0.42	0.19	0.31
(17,578)	1:128:A:LEU:HD21	1:130:A:GLY:H	13	0.42	0.19	0.31
(17,578)	1:128:A:LEU:HD22	1:130:A:GLY:H	13	0.42	0.19	0.31
(17,578)	1:128:A:LEU:HD23	1:130:A:GLY:H	13	0.42	0.19	0.31
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG21	13	0.41	0.19	0.4
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG22	13	0.41	0.19	0.4
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG23	13	0.41	0.19	0.4
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG21	13	0.41	0.19	0.4
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG22	13	0.41	0.19	0.4
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG23	13	0.41	0.19	0.4
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG21	13	0.41	0.19	0.4
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG22	13	0.41	0.19	0.4
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG23	13	0.41	0.19	0.4
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG21	13	0.41	0.19	0.4
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG22	13	0.41	0.19	0.4
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG23	13	0.41	0.19	0.4
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG21	13	0.41	0.19	0.4
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG22	13	0.41	0.19	0.4
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG23	13	0.41	0.19	0.4
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG21	13	0.41	0.19	0.4
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG22	13	0.41	0.19	0.4
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG23	13	0.41	0.19	0.4
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG21	13	0.41	0.19	0.4
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG22	13	0.41	0.19	0.4
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG23	13	0.41	0.19	0.4
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG21	13	0.41	0.19	0.4
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG22	13	0.41	0.19	0.4
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG23	13	0.41	0.19	0.4
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG21	13	0.41	0.19	0.4
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG22	13	0.41	0.19	0.4
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG23	13	0.41	0.19	0.4
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG21	13	0.41	0.19	0.4
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG22	13	0.41	0.19	0.4
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG23	13	0.41	0.19	0.4
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG21	13	0.41	0.19	0.4
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG22	13	0.41	0.19	0.4
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG23	13	0.41	0.19	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG21	13	0.41	0.19	0.4
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG22	13	0.41	0.19	0.4
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG23	13	0.41	0.19	0.4
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG21	13	0.41	0.19	0.4
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG22	13	0.41	0.19	0.4
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG23	13	0.41	0.19	0.4
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG21	13	0.41	0.19	0.4
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG22	13	0.41	0.19	0.4
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG23	13	0.41	0.19	0.4
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG21	13	0.41	0.19	0.4
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG22	13	0.41	0.19	0.4
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG23	13	0.41	0.19	0.4
(3,2499)	1:140:A:LEU:HD11	1:144:A:LEU:H	13	0.41	0.2	0.4
(3,2499)	1:140:A:LEU:HD12	1:144:A:LEU:H	13	0.41	0.2	0.4
(3,2499)	1:140:A:LEU:HD13	1:144:A:LEU:H	13	0.41	0.2	0.4
(3,2499)	1:140:A:LEU:HD21	1:144:A:LEU:H	13	0.41	0.2	0.4
(3,2499)	1:140:A:LEU:HD22	1:144:A:LEU:H	13	0.41	0.2	0.4
(3,2499)	1:140:A:LEU:HD23	1:144:A:LEU:H	13	0.41	0.2	0.4
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE1	13	0.4	0.26	0.37
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE2	13	0.4	0.26	0.37
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE3	13	0.4	0.26	0.37
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE1	13	0.4	0.26	0.37
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE2	13	0.4	0.26	0.37
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE3	13	0.4	0.26	0.37
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE1	13	0.4	0.26	0.37
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE2	13	0.4	0.26	0.37
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE3	13	0.4	0.26	0.37
(6,2210)	1:60:A:LEU:HD11	1:61:A:SER:HB2	13	0.4	0.19	0.36
(6,2210)	1:60:A:LEU:HD11	1:61:A:SER:HB3	13	0.4	0.19	0.36
(6,2210)	1:60:A:LEU:HD12	1:61:A:SER:HB2	13	0.4	0.19	0.36
(6,2210)	1:60:A:LEU:HD12	1:61:A:SER:HB3	13	0.4	0.19	0.36
(6,2210)	1:60:A:LEU:HD13	1:61:A:SER:HB2	13	0.4	0.19	0.36
(6,2210)	1:60:A:LEU:HD13	1:61:A:SER:HB3	13	0.4	0.19	0.36
(5,670)	1:63:A:ILE:HG12	1:117:A:VAL:H	13	0.39	0.27	0.28
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	13	0.39	0.27	0.3
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	13	0.39	0.27	0.3
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	13	0.39	0.27	0.3
(2,2228)	1:60:A:LEU:HD11	1:61:A:SER:HB2	13	0.39	0.19	0.35
(2,2228)	1:60:A:LEU:HD11	1:61:A:SER:HB3	13	0.39	0.19	0.35
(2,2228)	1:60:A:LEU:HD12	1:61:A:SER:HB2	13	0.39	0.19	0.35
(2,2228)	1:60:A:LEU:HD12	1:61:A:SER:HB3	13	0.39	0.19	0.35
(2,2228)	1:60:A:LEU:HD13	1:61:A:SER:HB2	13	0.39	0.19	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2228)	1:60:A:LEU:HD13	1:61:A:SER:HB3	13	0.39	0.19	0.35
(18,2281)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	13	0.39	0.21	0.33
(18,2281)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	13	0.39	0.21	0.33
(18,2281)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	13	0.39	0.21	0.33
(18,2281)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	13	0.39	0.21	0.33
(18,2281)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	13	0.39	0.21	0.33
(18,2281)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	13	0.39	0.21	0.33
(18,2281)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	13	0.39	0.21	0.33
(18,2281)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	13	0.39	0.21	0.33
(18,2281)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	13	0.39	0.21	0.33
(18,2281)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	13	0.39	0.21	0.33
(18,2281)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	13	0.39	0.21	0.33
(18,2281)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	13	0.39	0.21	0.33
(29,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	13	0.39	0.21	0.33
(29,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	13	0.39	0.21	0.33
(29,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	13	0.39	0.21	0.33
(29,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	13	0.39	0.21	0.33
(29,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	13	0.39	0.21	0.33
(29,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	13	0.39	0.21	0.33
(29,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	13	0.39	0.21	0.33
(29,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	13	0.39	0.21	0.33
(29,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	13	0.39	0.21	0.33
(29,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	13	0.39	0.21	0.33
(29,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	13	0.39	0.21	0.33
(29,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	13	0.39	0.21	0.33
(32,2290)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	13	0.39	0.21	0.33
(32,2290)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	13	0.39	0.21	0.33
(32,2290)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	13	0.39	0.21	0.33
(32,2290)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	13	0.39	0.21	0.33
(32,2290)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	13	0.39	0.21	0.33
(32,2290)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	13	0.39	0.21	0.33
(32,2290)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	13	0.39	0.21	0.33
(32,2290)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	13	0.39	0.21	0.33
(32,2290)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	13	0.39	0.21	0.33
(32,2290)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	13	0.39	0.21	0.33
(32,2290)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	13	0.39	0.21	0.33
(32,2290)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	13	0.39	0.21	0.33
(9,2163)	1:60:A:LEU:HD11	1:61:A:SER:HB2	13	0.38	0.19	0.34
(9,2163)	1:60:A:LEU:HD11	1:61:A:SER:HB3	13	0.38	0.19	0.34
(9,2163)	1:60:A:LEU:HD12	1:61:A:SER:HB2	13	0.38	0.19	0.34
(9,2163)	1:60:A:LEU:HD12	1:61:A:SER:HB3	13	0.38	0.19	0.34
(9,2163)	1:60:A:LEU:HD13	1:61:A:SER:HB2	13	0.38	0.19	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,2163)	1:60:A:LEU:HD13	1:61:A:SER:HB3	13	0.38	0.19	0.34
(15,763)	1:37:A:LEU:H	1:40:A:LEU:HB2	13	0.38	0.19	0.33
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	13	0.32	0.18	0.27
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	13	0.32	0.18	0.27
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	13	0.32	0.18	0.27
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	13	0.32	0.18	0.27
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	13	0.32	0.18	0.27
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	13	0.32	0.18	0.27
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	13	0.32	0.18	0.27
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	13	0.32	0.18	0.27
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	13	0.32	0.18	0.27
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	13	0.32	0.18	0.27
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	13	0.32	0.18	0.27
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	13	0.32	0.18	0.27
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	13	0.32	0.18	0.27
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	13	0.32	0.18	0.27
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	13	0.32	0.18	0.27
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	13	0.32	0.18	0.27
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	13	0.32	0.18	0.27
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	13	0.32	0.18	0.27
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD21	13	0.31	0.06	0.32
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD22	13	0.31	0.06	0.32
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD23	13	0.31	0.06	0.32
(1,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	13	0.31	0.17	0.3
(1,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	13	0.31	0.17	0.3
(1,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	13	0.31	0.17	0.3
(1,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	13	0.31	0.17	0.3
(1,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	13	0.31	0.17	0.3
(1,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	13	0.31	0.17	0.3
(1,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	13	0.31	0.17	0.3
(1,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	13	0.31	0.17	0.3
(1,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	13	0.31	0.17	0.3
(1,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	13	0.31	0.17	0.3
(1,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	13	0.31	0.17	0.3
(1,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	13	0.31	0.17	0.3
(32,2285)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	13	0.31	0.17	0.3
(32,2285)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	13	0.31	0.17	0.3
(32,2285)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	13	0.31	0.17	0.3
(32,2285)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	13	0.31	0.17	0.3
(32,2285)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	13	0.31	0.17	0.3
(32,2285)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	13	0.31	0.17	0.3
(32,2285)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	13	0.31	0.17	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,2285)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	13	0.31	0.17	0.3
(32,2285)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	13	0.31	0.17	0.3
(32,2285)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	13	0.31	0.17	0.3
(32,2285)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	13	0.31	0.17	0.3
(32,2285)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	13	0.31	0.17	0.3
(4,1460)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	13	0.3	0.2	0.25
(4,1460)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	13	0.3	0.2	0.25
(4,1460)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	13	0.3	0.2	0.25
(4,1460)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	13	0.3	0.2	0.25
(4,1460)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	13	0.3	0.2	0.25
(4,1460)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	13	0.3	0.2	0.25
(17,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	13	0.29	0.16	0.23
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG11	13	0.28	0.03	0.3
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG12	13	0.28	0.03	0.3
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG13	13	0.28	0.03	0.3
(18,1099)	1:138:A:ASP:HA	1:141:A:LYS:HA	13	0.28	0.13	0.27
(34,1114)	1:138:A:ASP:HA	1:141:A:LYS:HA	13	0.28	0.13	0.27
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD21	13	0.28	0.11	0.22
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD22	13	0.28	0.11	0.22
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD23	13	0.28	0.11	0.22
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG11	13	0.27	0.03	0.29
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG12	13	0.27	0.03	0.29
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG13	13	0.27	0.03	0.29
(5,909)	1:19:A:ALA:HB1	1:20:A:THR:HB	13	0.27	0.08	0.29
(5,909)	1:19:A:ALA:HB2	1:20:A:THR:HB	13	0.27	0.08	0.29
(5,909)	1:19:A:ALA:HB3	1:20:A:THR:HB	13	0.27	0.08	0.29
(7,1200)	1:110:A:MET:HA	1:113:A:PHE:HB2	13	0.26	0.11	0.26
(7,297)	1:128:A:LEU:HB3	1:129:A:LYS:H	13	0.26	0.1	0.28
(34,303)	1:128:A:LEU:HB3	1:129:A:LYS:H	13	0.26	0.1	0.28
(18,1569)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	13	0.26	0.06	0.26
(18,1569)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	13	0.26	0.06	0.26
(18,1569)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	13	0.26	0.06	0.26
(33,1572)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	13	0.26	0.06	0.26
(33,1572)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	13	0.26	0.06	0.26
(33,1572)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	13	0.26	0.06	0.26
(4,1197)	1:110:A:MET:HA	1:113:A:PHE:HB2	13	0.25	0.11	0.25
(15,1221)	1:110:A:MET:HA	1:113:A:PHE:HB2	13	0.25	0.11	0.25
(30,1215)	1:110:A:MET:HA	1:113:A:PHE:HB2	13	0.25	0.11	0.25
(34,1246)	1:110:A:MET:HA	1:113:A:PHE:HB2	13	0.25	0.11	0.25
(7,1796)	1:71:A:LYS:HD2	1:72:A:PHE:HZ	13	0.25	0.02	0.25
(7,1796)	1:71:A:LYS:HD3	1:72:A:PHE:HZ	13	0.25	0.02	0.25
(4,1562)	1:101:A:ILE:HD11	1:112:A:GLN:HA	13	0.25	0.11	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1562)	1:101:A:ILE:HD12	1:112:A:GLN:HA	13	0.25	0.11	0.24
(4,1562)	1:101:A:ILE:HD13	1:112:A:GLN:HA	13	0.25	0.11	0.24
(13,1551)	1:101:A:ILE:HD11	1:112:A:GLN:HA	13	0.25	0.11	0.24
(13,1551)	1:101:A:ILE:HD12	1:112:A:GLN:HA	13	0.25	0.11	0.24
(13,1551)	1:101:A:ILE:HD13	1:112:A:GLN:HA	13	0.25	0.11	0.24
(16,1567)	1:101:A:ILE:HD11	1:112:A:GLN:HA	13	0.25	0.11	0.24
(16,1567)	1:101:A:ILE:HD12	1:112:A:GLN:HA	13	0.25	0.11	0.24
(16,1567)	1:101:A:ILE:HD13	1:112:A:GLN:HA	13	0.25	0.11	0.24
(30,1584)	1:101:A:ILE:HD11	1:112:A:GLN:HA	13	0.25	0.11	0.24
(30,1584)	1:101:A:ILE:HD12	1:112:A:GLN:HA	13	0.25	0.11	0.24
(30,1584)	1:101:A:ILE:HD13	1:112:A:GLN:HA	13	0.25	0.11	0.24
(4,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	13	0.25	0.1	0.19
(4,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	13	0.25	0.1	0.19
(33,1135)	1:138:A:ASP:HA	1:141:A:LYS:H	13	0.24	0.07	0.24
(34,1164)	1:138:A:ASP:HA	1:141:A:LYS:H	13	0.24	0.07	0.24
(11,1066)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	13	0.23	0.09	0.19
(11,1066)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	13	0.23	0.09	0.19
(15,1060)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	13	0.23	0.09	0.19
(15,1060)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	13	0.23	0.09	0.19
(5,797)	1:58:A:ILE:HD11	1:59:A:CYS:H	13	0.23	0.1	0.24
(5,797)	1:58:A:ILE:HD12	1:59:A:CYS:H	13	0.23	0.1	0.24
(5,797)	1:58:A:ILE:HD13	1:59:A:CYS:H	13	0.23	0.1	0.24
(16,807)	1:58:A:ILE:HD11	1:59:A:CYS:H	13	0.23	0.1	0.24
(16,807)	1:58:A:ILE:HD12	1:59:A:CYS:H	13	0.23	0.1	0.24
(16,807)	1:58:A:ILE:HD13	1:59:A:CYS:H	13	0.23	0.1	0.24
(29,83)	1:43:A:MET:HB2	1:45:A:ALA:H	13	0.23	0.07	0.25
(5,1290)	1:44:A:GLU:HB2	1:45:A:ALA:HA	13	0.21	0.07	0.22
(5,1290)	1:44:A:GLU:HB3	1:45:A:ALA:HA	13	0.21	0.07	0.22
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD11	13	0.21	0.08	0.19
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD12	13	0.21	0.08	0.19
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD13	13	0.21	0.08	0.19
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE1	13	0.2	0.07	0.17
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE2	13	0.2	0.07	0.17
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE3	13	0.2	0.07	0.17
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE1	13	0.2	0.07	0.17
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE2	13	0.2	0.07	0.17
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE3	13	0.2	0.07	0.17
(24,25)	1:107:A:LEU:H	1:103:A:ARG:O	13	0.18	0.03	0.17
(1,621)	1:23:A:LEU:HD21	1:25:A:ALA:H	13	0.15	0.04	0.15
(1,621)	1:23:A:LEU:HD22	1:25:A:ALA:H	13	0.15	0.04	0.15
(1,621)	1:23:A:LEU:HD23	1:25:A:ALA:H	13	0.15	0.04	0.15
(24,41)	1:120:A:CYS:H	1:116:A:GLN:O	13	0.14	0.02	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE1	13	0.13	0.01	0.13
(3,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE2	13	0.13	0.01	0.13
(6,1134)	1:80:A:TYR:HA	1:80:A:TYR:HE1	13	0.13	0.01	0.13
(6,1134)	1:80:A:TYR:HA	1:80:A:TYR:HE2	13	0.13	0.01	0.13
(7,1123)	1:80:A:TYR:HA	1:80:A:TYR:HE1	13	0.13	0.01	0.13
(7,1123)	1:80:A:TYR:HA	1:80:A:TYR:HE2	13	0.13	0.01	0.13
(11,1159)	1:80:A:TYR:HA	1:80:A:TYR:HE1	13	0.13	0.01	0.13
(11,1159)	1:80:A:TYR:HA	1:80:A:TYR:HE2	13	0.13	0.01	0.13
(15,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE1	13	0.13	0.01	0.13
(15,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE2	13	0.13	0.01	0.13
(17,1154)	1:80:A:TYR:HA	1:80:A:TYR:HE1	13	0.13	0.01	0.13
(17,1154)	1:80:A:TYR:HA	1:80:A:TYR:HE2	13	0.13	0.01	0.13
(30,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE1	13	0.13	0.01	0.13
(30,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE2	13	0.13	0.01	0.13
(32,1106)	1:80:A:TYR:HA	1:80:A:TYR:HE1	13	0.13	0.01	0.13
(32,1106)	1:80:A:TYR:HA	1:80:A:TYR:HE2	13	0.13	0.01	0.13
(33,1147)	1:80:A:TYR:HA	1:80:A:TYR:HE1	13	0.13	0.01	0.13
(33,1147)	1:80:A:TYR:HA	1:80:A:TYR:HE2	13	0.13	0.01	0.13
(34,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE1	13	0.13	0.01	0.13
(34,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE2	13	0.13	0.01	0.13
(33,1539)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	12	5.5	0.74	5.63
(33,1539)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	12	5.5	0.74	5.63
(33,1539)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	12	5.5	0.74	5.63
(33,1539)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	12	5.5	0.74	5.63
(33,1539)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	12	5.5	0.74	5.63
(33,1539)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	12	5.5	0.74	5.63
(5,1561)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	12	5.17	0.74	5.3
(5,1561)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	12	5.17	0.74	5.3
(5,1561)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	12	5.17	0.74	5.3
(5,1561)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	12	5.17	0.74	5.3
(5,1561)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	12	5.17	0.74	5.3
(5,1561)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	12	5.17	0.74	5.3
(17,1567)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	12	5.1	0.74	5.23
(17,1567)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	12	5.1	0.74	5.23
(17,1567)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	12	5.1	0.74	5.23
(17,1567)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	12	5.1	0.74	5.23
(17,1567)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	12	5.1	0.74	5.23
(17,1567)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	12	5.1	0.74	5.23
(5,2472)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	12	5.0	0.59	5.16
(5,2472)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	12	5.0	0.59	5.16
(5,2472)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	12	5.0	0.59	5.16
(5,2472)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	12	5.0	0.59	5.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,2472)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	12	5.0	0.59	5.16
(5,2472)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	12	5.0	0.59	5.16
(5,2472)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	12	5.0	0.59	5.16
(5,2472)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	12	5.0	0.59	5.16
(5,2472)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	12	5.0	0.59	5.16
(5,2472)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	12	5.0	0.59	5.16
(5,2472)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	12	5.0	0.59	5.16
(5,2472)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	12	5.0	0.59	5.16
(17,2481)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	12	4.98	0.59	5.15
(17,2481)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	12	4.98	0.59	5.15
(17,2481)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	12	4.98	0.59	5.15
(17,2481)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	12	4.98	0.59	5.15
(17,2481)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	12	4.98	0.59	5.15
(17,2481)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	12	4.98	0.59	5.15
(17,2481)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	12	4.98	0.59	5.15
(17,2481)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	12	4.98	0.59	5.15
(17,2481)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	12	4.98	0.59	5.15
(17,2481)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	12	4.98	0.59	5.15
(17,2481)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	12	4.98	0.59	5.15
(17,2481)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	12	4.98	0.59	5.15
(9,2431)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	12	4.86	0.59	5.02
(9,2431)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	12	4.86	0.59	5.02
(9,2431)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	12	4.86	0.59	5.02
(9,2431)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	12	4.86	0.59	5.02
(9,2431)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	12	4.86	0.59	5.02
(9,2431)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	12	4.86	0.59	5.02
(9,2431)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	12	4.86	0.59	5.02
(9,2431)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	12	4.86	0.59	5.02
(9,2431)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	12	4.86	0.59	5.02
(9,2431)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	12	4.86	0.59	5.02
(9,2431)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	12	4.86	0.59	5.02
(9,2431)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	12	4.86	0.59	5.02
(15,2494)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	12	4.86	0.59	5.02
(15,2494)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	12	4.86	0.59	5.02
(15,2494)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	12	4.86	0.59	5.02
(15,2494)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	12	4.86	0.59	5.02
(15,2494)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	12	4.86	0.59	5.02
(15,2494)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	12	4.86	0.59	5.02
(15,2494)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	12	4.86	0.59	5.02
(15,2494)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	12	4.86	0.59	5.02
(15,2494)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	12	4.86	0.59	5.02
(15,2494)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	12	4.86	0.59	5.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,2494)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	12	4.86	0.59	5.02
(15,2494)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	12	4.86	0.59	5.02
(29,2443)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	12	4.86	0.59	5.02
(29,2443)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	12	4.86	0.59	5.02
(29,2443)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	12	4.86	0.59	5.02
(29,2443)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	12	4.86	0.59	5.02
(29,2443)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	12	4.86	0.59	5.02
(29,2443)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	12	4.86	0.59	5.02
(29,2443)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	12	4.86	0.59	5.02
(29,2443)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	12	4.86	0.59	5.02
(29,2443)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	12	4.86	0.59	5.02
(29,2443)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	12	4.86	0.59	5.02
(29,2443)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	12	4.86	0.59	5.02
(29,2443)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	12	4.86	0.59	5.02
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD11	12	3.3	1.6	3.24
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD12	12	3.3	1.6	3.24
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD13	12	3.3	1.6	3.24
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD11	12	3.3	1.6	3.24
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD12	12	3.3	1.6	3.24
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD13	12	3.3	1.6	3.24
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD11	12	3.3	1.6	3.24
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD12	12	3.3	1.6	3.24
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD13	12	3.3	1.6	3.24
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD11	12	3.29	1.6	3.22
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD12	12	3.29	1.6	3.22
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD13	12	3.29	1.6	3.22
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD11	12	3.29	1.6	3.22
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD12	12	3.29	1.6	3.22
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD13	12	3.29	1.6	3.22
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD11	12	3.29	1.6	3.22
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD12	12	3.29	1.6	3.22
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD13	12	3.29	1.6	3.22
(1,2053)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	12	3.05	0.72	2.9
(1,2053)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	12	3.05	0.72	2.9
(1,2053)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	12	3.05	0.72	2.9
(1,2053)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	12	3.05	0.72	2.9
(1,2053)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	12	3.05	0.72	2.9
(1,2053)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	12	3.05	0.72	2.9
(1,2053)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	12	3.05	0.72	2.9
(1,2053)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	12	3.05	0.72	2.9
(1,2053)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	12	3.05	0.72	2.9
(1,2053)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	12	3.05	0.72	2.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2053)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	12	3.05	0.72	2.9
(1,2053)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	12	3.05	0.72	2.9
(29,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HB	12	2.85	1.44	3.16
(29,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HB	12	2.85	1.44	3.16
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	12	2.84	2.03	2.64
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	12	2.84	2.03	2.64
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	12	2.84	2.03	2.64
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	12	2.84	2.03	2.64
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	12	2.84	2.03	2.64
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	12	2.84	2.03	2.64
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	12	2.79	2.0	2.61
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	12	2.79	2.0	2.61
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	12	2.79	2.0	2.61
(17,2069)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	12	2.74	0.72	2.58
(17,2069)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	12	2.74	0.72	2.58
(17,2069)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	12	2.74	0.72	2.58
(17,2069)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	12	2.74	0.72	2.58
(17,2069)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	12	2.74	0.72	2.58
(17,2069)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	12	2.74	0.72	2.58
(17,2069)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	12	2.74	0.72	2.58
(17,2069)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	12	2.74	0.72	2.58
(17,2069)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	12	2.74	0.72	2.58
(17,2069)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	12	2.74	0.72	2.58
(17,2069)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	12	2.74	0.72	2.58
(17,2069)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	12	2.74	0.72	2.58
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	12	2.72	2.0	2.54
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	12	2.72	2.0	2.54
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	12	2.72	2.0	2.54
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	12	2.72	2.0	2.54
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	12	2.72	2.0	2.54
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	12	2.72	2.0	2.54
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	12	2.72	2.0	2.54
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	12	2.72	2.0	2.54
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	12	2.72	2.0	2.54
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	12	2.72	2.0	2.54
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	12	2.72	2.0	2.54
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	12	2.72	2.0	2.54
(1,2056)	1:31:A:PRO:HD2	1:143:A:TRP:HA	12	2.68	1.11	2.98
(1,2056)	1:31:A:PRO:HD3	1:143:A:TRP:HA	12	2.68	1.11	2.98
(3,2080)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	12	2.63	0.66	2.41
(3,2080)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	12	2.63	0.66	2.41
(3,2080)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	12	2.63	0.66	2.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,2080)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	12	2.63	0.66	2.41
(3,2080)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	12	2.63	0.66	2.41
(3,2080)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	12	2.63	0.66	2.41
(2,1727)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	12	2.54	0.66	2.32
(2,1727)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	12	2.54	0.66	2.32
(2,1727)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	12	2.54	0.66	2.32
(2,1727)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	12	2.54	0.66	2.32
(2,1727)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	12	2.54	0.66	2.32
(2,1727)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	12	2.54	0.66	2.32
(30,1713)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	12	2.54	0.66	2.32
(30,1713)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	12	2.54	0.66	2.32
(30,1713)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	12	2.54	0.66	2.32
(30,1713)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	12	2.54	0.66	2.32
(30,1713)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	12	2.54	0.66	2.32
(30,1713)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	12	2.54	0.66	2.32
(4,1930)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	12	2.48	1.16	2.72
(4,1930)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	12	2.48	1.16	2.72
(4,1930)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	12	2.48	1.16	2.72
(4,1930)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	12	2.48	1.16	2.72
(5,2471)	1:144:A:LEU:HD11	1:147:A:ARG:HB2	12	2.44	0.49	2.61
(5,2471)	1:144:A:LEU:HD11	1:147:A:ARG:HB3	12	2.44	0.49	2.61
(5,2471)	1:144:A:LEU:HD12	1:147:A:ARG:HB2	12	2.44	0.49	2.61
(5,2471)	1:144:A:LEU:HD12	1:147:A:ARG:HB3	12	2.44	0.49	2.61
(5,2471)	1:144:A:LEU:HD13	1:147:A:ARG:HB2	12	2.44	0.49	2.61
(5,2471)	1:144:A:LEU:HD13	1:147:A:ARG:HB3	12	2.44	0.49	2.61
(5,2471)	1:144:A:LEU:HD21	1:147:A:ARG:HB2	12	2.44	0.49	2.61
(5,2471)	1:144:A:LEU:HD21	1:147:A:ARG:HB3	12	2.44	0.49	2.61
(5,2471)	1:144:A:LEU:HD22	1:147:A:ARG:HB2	12	2.44	0.49	2.61
(5,2471)	1:144:A:LEU:HD22	1:147:A:ARG:HB3	12	2.44	0.49	2.61
(5,2471)	1:144:A:LEU:HD23	1:147:A:ARG:HB2	12	2.44	0.49	2.61
(5,2471)	1:144:A:LEU:HD23	1:147:A:ARG:HB3	12	2.44	0.49	2.61
(33,2497)	1:144:A:LEU:HD11	1:147:A:ARG:HB2	12	2.38	0.49	2.54
(33,2497)	1:144:A:LEU:HD11	1:147:A:ARG:HB3	12	2.38	0.49	2.54
(33,2497)	1:144:A:LEU:HD12	1:147:A:ARG:HB2	12	2.38	0.49	2.54
(33,2497)	1:144:A:LEU:HD12	1:147:A:ARG:HB3	12	2.38	0.49	2.54
(33,2497)	1:144:A:LEU:HD13	1:147:A:ARG:HB2	12	2.38	0.49	2.54
(33,2497)	1:144:A:LEU:HD13	1:147:A:ARG:HB3	12	2.38	0.49	2.54
(33,2497)	1:144:A:LEU:HD21	1:147:A:ARG:HB2	12	2.38	0.49	2.54
(33,2497)	1:144:A:LEU:HD21	1:147:A:ARG:HB3	12	2.38	0.49	2.54
(33,2497)	1:144:A:LEU:HD22	1:147:A:ARG:HB2	12	2.38	0.49	2.54
(33,2497)	1:144:A:LEU:HD22	1:147:A:ARG:HB3	12	2.38	0.49	2.54
(33,2497)	1:144:A:LEU:HD23	1:147:A:ARG:HB2	12	2.38	0.49	2.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,2497)	1:144:A:LEU:HD23	1:147:A:ARG:HB3	12	2.38	0.49	2.54
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG11	12	2.37	1.25	2.8
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG12	12	2.37	1.25	2.8
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG13	12	2.37	1.25	2.8
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG11	12	2.37	1.25	2.8
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG12	12	2.37	1.25	2.8
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG13	12	2.37	1.25	2.8
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG11	12	2.37	1.25	2.8
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG12	12	2.37	1.25	2.8
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG13	12	2.37	1.25	2.8
(30,888)	1:67:A:PRO:HD3	1:95:A:ILE:HB	12	2.21	0.98	2.22
(34,913)	1:67:A:PRO:HD3	1:95:A:ILE:HB	12	2.21	0.98	2.22
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	12	2.13	1.42	1.87
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	12	2.13	1.42	1.87
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	12	2.13	1.42	1.87
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	12	2.13	1.42	1.87
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	12	2.13	1.42	1.87
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	12	2.13	1.42	1.87
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	12	2.13	1.42	1.87
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	12	2.13	1.42	1.87
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	12	2.13	1.42	1.87
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	12	2.13	1.42	1.87
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	12	2.13	1.42	1.87
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	12	2.13	1.42	1.87
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	12	2.13	1.42	1.87
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	12	2.13	1.42	1.87
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	12	2.13	1.42	1.87
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	12	2.13	1.42	1.87
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	12	2.13	1.42	1.87
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	12	2.13	1.42	1.87
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	12	2.13	1.42	1.87
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	12	2.13	1.42	1.87
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	12	2.13	1.42	1.87
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	12	2.13	1.42	1.87
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	12	2.13	1.42	1.87
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	12	2.13	1.42	1.87
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	12	2.13	1.42	1.87
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	12	2.13	1.42	1.87
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	12	2.13	1.42	1.87
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	12	2.13	1.42	1.87
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	12	2.13	1.42	1.87
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	12	2.13	1.42	1.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	12	2.13	1.42	1.87
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	12	2.13	1.42	1.87
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	12	2.13	1.42	1.87
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	12	2.13	1.42	1.87
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	12	2.13	1.42	1.87
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	12	2.13	1.42	1.87
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	12	2.13	1.42	1.87
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	12	2.13	1.42	1.87
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	12	2.13	1.42	1.87
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	12	2.13	1.42	1.87
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	12	2.13	1.42	1.87
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	12	2.13	1.42	1.87
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	12	2.13	1.42	1.87
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	12	2.13	1.42	1.87
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	12	2.13	1.42	1.87
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	12	2.13	1.42	1.87
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	12	2.13	1.42	1.87
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	12	2.13	1.42	1.87
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	12	2.13	1.42	1.87
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	12	2.13	1.42	1.87
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	12	2.13	1.42	1.87
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	12	2.13	1.42	1.87
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	12	2.13	1.42	1.87
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	12	2.13	1.42	1.87
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	12	2.13	1.42	1.87
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	12	2.13	1.42	1.87
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	12	2.13	1.42	1.87
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	12	2.13	1.42	1.87
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	12	2.13	1.42	1.87
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	12	2.13	1.42	1.87
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	12	2.13	1.42	1.87
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	12	2.13	1.42	1.87
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	12	2.13	1.42	1.87
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	12	2.13	1.42	1.87
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	12	2.13	1.42	1.87
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	12	2.13	1.42	1.87
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	12	2.13	1.42	1.87
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	12	2.13	1.42	1.87
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	12	2.13	1.42	1.87
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	12	2.13	1.42	1.87
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	12	2.13	1.42	1.87
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	12	2.13	1.42	1.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	12	2.13	1.42	1.87
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	12	2.13	1.42	1.87
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	12	2.13	1.42	1.87
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	12	2.13	1.42	1.87
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	12	2.13	1.42	1.87
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	12	2.13	1.42	1.87
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	12	2.13	1.42	1.87
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	12	2.13	1.42	1.87
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	12	2.13	1.42	1.87
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	12	2.13	1.42	1.87
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	12	2.13	1.42	1.87
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	12	2.13	1.42	1.87
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	12	2.13	1.42	1.87
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	12	2.13	1.42	1.87
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	12	2.13	1.42	1.87
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	12	2.13	1.42	1.87
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	12	2.13	1.42	1.87
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	12	2.13	1.42	1.87
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	12	2.13	1.42	1.87
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	12	2.13	1.42	1.87
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	12	2.13	1.42	1.87
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	12	2.13	1.42	1.87
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	12	2.13	1.42	1.87
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	12	2.13	1.42	1.87
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	12	2.13	1.42	1.87
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	12	2.13	1.42	1.87
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	12	2.13	1.42	1.87
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	12	2.13	1.42	1.87
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	12	2.13	1.42	1.87
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	12	2.13	1.42	1.87
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	12	2.13	1.42	1.87
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	12	2.13	1.42	1.87
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	12	2.13	1.42	1.87
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	12	2.13	1.42	1.87
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	12	2.13	1.42	1.87
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	12	2.13	1.42	1.87
(5,1727)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	12	2.12	1.16	1.9
(5,1727)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	12	2.12	1.16	1.9
(5,1727)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	12	2.12	1.16	1.9
(5,1257)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	12	2.06	0.68	2.12
(5,1257)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	12	2.06	0.68	2.12
(5,1257)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	12	2.06	0.68	2.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,2490)	1:144:A:LEU:HB2	1:148:A:CYS:H	12	1.99	0.55	2.09
(15,2490)	1:144:A:LEU:HB3	1:148:A:CYS:H	12	1.99	0.55	2.09
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	12	1.96	0.77	2.0
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	12	1.96	0.77	2.0
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	12	1.96	0.77	2.0
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	12	1.96	0.77	2.0
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	12	1.96	0.77	2.0
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	12	1.96	0.77	2.0
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	12	1.96	0.77	2.0
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	12	1.96	0.77	2.0
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	12	1.96	0.77	2.0
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	12	1.96	0.77	2.0
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	12	1.96	0.77	2.0
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	12	1.96	0.77	2.0
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	12	1.96	0.77	2.0
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	12	1.96	0.77	2.0
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	12	1.96	0.77	2.0
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	12	1.96	0.77	2.0
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	12	1.96	0.77	2.0
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	12	1.96	0.77	2.0
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	12	1.96	0.77	2.0
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	12	1.96	0.77	2.0
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	12	1.96	0.77	2.0
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	12	1.96	0.77	2.0
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	12	1.96	0.77	2.0
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	12	1.96	0.77	2.0
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	12	1.96	0.77	2.0
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	12	1.96	0.77	2.0
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	12	1.96	0.77	2.0
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	12	1.96	0.77	2.0
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	12	1.96	0.77	2.0
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	12	1.96	0.77	2.0
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	12	1.96	0.77	2.0
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	12	1.96	0.77	2.0
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	12	1.96	0.77	2.0
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	12	1.96	0.77	2.0
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	12	1.96	0.77	2.0
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	12	1.96	0.77	2.0
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	12	1.96	0.77	2.0
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	12	1.96	0.77	2.0
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	12	1.96	0.77	2.0
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	12	1.96	0.77	2.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	12	1.96	0.77	2.0
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	12	1.96	0.77	2.0
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB1	12	1.93	1.4	1.96
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB2	12	1.93	1.4	1.96
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB3	12	1.93	1.4	1.96
(9,750)	1:43:A:MET:HE1	1:134:A:VAL:H	12	1.84	1.2	1.37
(9,750)	1:43:A:MET:HE2	1:134:A:VAL:H	12	1.84	1.2	1.37
(9,750)	1:43:A:MET:HE3	1:134:A:VAL:H	12	1.84	1.2	1.37
(17,1915)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	12	1.81	1.12	1.48
(17,1915)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	12	1.81	1.12	1.48
(17,1915)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	12	1.81	1.12	1.48
(17,1915)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	12	1.81	1.12	1.48
(30,2058)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	12	1.81	0.89	1.68
(30,2058)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	12	1.81	0.89	1.68
(30,2058)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	12	1.81	0.89	1.68
(30,2058)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	12	1.81	0.89	1.68
(30,2058)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	12	1.81	0.89	1.68
(30,2058)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	12	1.81	0.89	1.68
(9,2428)	1:144:A:LEU:HB2	1:148:A:CYS:H	12	1.8	0.55	1.9
(9,2428)	1:144:A:LEU:HB3	1:148:A:CYS:H	12	1.8	0.55	1.9
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG21	12	1.78	0.5	1.66
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG22	12	1.78	0.5	1.66
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG23	12	1.78	0.5	1.66
(4,1200)	1:34:A:LYS:H	1:81:A:GLU:HA	12	1.72	1.23	1.26
(1,1385)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	12	1.7	0.59	1.76
(1,1385)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	12	1.7	0.59	1.76
(1,1385)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	12	1.7	0.59	1.76
(18,1376)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	12	1.69	0.59	1.76
(18,1376)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	12	1.69	0.59	1.76
(18,1376)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	12	1.69	0.59	1.76
(1,881)	1:8:A:ASP:HB2	1:54:A:ARG:HE	12	1.69	1.04	1.7
(20,8)	1:56:A:CYS:SG	1:123:A:CYS:SG	12	1.65	1.31	1.27
(3,1407)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	12	1.64	0.59	1.7
(3,1407)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	12	1.64	0.59	1.7
(3,1407)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	12	1.64	0.59	1.7
(5,1465)	1:145:A:PRO:HD2	1:147:A:ARG:H	12	1.64	0.62	1.78
(9,1441)	1:145:A:PRO:HD2	1:147:A:ARG:H	12	1.64	0.62	1.78
(15,1950)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	12	1.64	0.34	1.76
(15,1950)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	12	1.64	0.34	1.76
(15,1950)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	12	1.64	0.34	1.76
(15,1950)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	12	1.64	0.34	1.76
(15,1950)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	12	1.64	0.34	1.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,1950)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	12	1.64	0.34	1.76
(11,995)	1:102:A:PRO:HA	1:105:A:LYS:HD2	12	1.62	0.67	1.9
(11,995)	1:102:A:PRO:HA	1:105:A:LYS:HD3	12	1.62	0.67	1.9
(3,152)	1:67:A:PRO:HD3	1:95:A:ILE:H	12	1.6	1.2	1.29
(18,153)	1:67:A:PRO:HD3	1:95:A:ILE:H	12	1.6	1.2	1.29
(18,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	12	1.57	0.98	1.6
(18,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	12	1.57	0.98	1.6
(18,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	12	1.57	0.98	1.6
(18,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	12	1.57	0.98	1.6
(5,2044)	1:31:A:PRO:HB2	1:144:A:LEU:HB2	12	1.57	1.33	1.28
(5,2044)	1:31:A:PRO:HB2	1:144:A:LEU:HB3	12	1.57	1.33	1.28
(5,2044)	1:31:A:PRO:HB3	1:144:A:LEU:HB2	12	1.57	1.33	1.28
(5,2044)	1:31:A:PRO:HB3	1:144:A:LEU:HB3	12	1.57	1.33	1.28
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD11	12	1.56	1.06	1.22
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD12	12	1.56	1.06	1.22
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD13	12	1.56	1.06	1.22
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD21	12	1.56	1.06	1.22
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD22	12	1.56	1.06	1.22
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD23	12	1.56	1.06	1.22
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD11	12	1.54	0.74	1.63
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD12	12	1.54	0.74	1.63
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD13	12	1.54	0.74	1.63
(3,1679)	1:134:A:VAL:HG11	1:137:A:SER:H	12	1.51	0.69	1.55
(3,1679)	1:134:A:VAL:HG12	1:137:A:SER:H	12	1.51	0.69	1.55
(3,1679)	1:134:A:VAL:HG13	1:137:A:SER:H	12	1.51	0.69	1.55
(9,1692)	1:43:A:MET:HE1	1:131:A:LEU:HA	12	1.51	1.07	1.17
(9,1692)	1:43:A:MET:HE2	1:131:A:LEU:HA	12	1.51	1.07	1.17
(9,1692)	1:43:A:MET:HE3	1:131:A:LEU:HA	12	1.51	1.07	1.17
(32,1653)	1:43:A:MET:HE1	1:131:A:LEU:HA	12	1.51	1.07	1.17
(32,1653)	1:43:A:MET:HE2	1:131:A:LEU:HA	12	1.51	1.07	1.17
(32,1653)	1:43:A:MET:HE3	1:131:A:LEU:HA	12	1.51	1.07	1.17
(2,1845)	1:9:A:PHE:HZ	1:54:A:ARG:HE	12	1.47	0.92	1.74
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG11	12	1.46	1.01	1.16
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG12	12	1.46	1.01	1.16
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG13	12	1.46	1.01	1.16
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG21	12	1.46	1.01	1.16
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG22	12	1.46	1.01	1.16
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG23	12	1.46	1.01	1.16
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG11	12	1.46	1.01	1.16
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG12	12	1.46	1.01	1.16
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG13	12	1.46	1.01	1.16
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG21	12	1.46	1.01	1.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG22	12	1.46	1.01	1.16
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG23	12	1.46	1.01	1.16
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG11	12	1.46	1.01	1.16
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG12	12	1.46	1.01	1.16
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG13	12	1.46	1.01	1.16
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG21	12	1.46	1.01	1.16
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG22	12	1.46	1.01	1.16
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG23	12	1.46	1.01	1.16
(29,1392)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	12	1.45	0.59	1.52
(29,1392)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	12	1.45	0.59	1.52
(29,1392)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	12	1.45	0.59	1.52
(4,862)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	12	1.43	0.78	1.25
(4,862)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	12	1.43	0.78	1.25
(2,714)	1:44:A:GLU:HB2	1:54:A:ARG:HE	12	1.42	0.88	1.28
(2,714)	1:44:A:GLU:HB3	1:54:A:ARG:HE	12	1.42	0.88	1.28
(3,728)	1:44:A:GLU:HB2	1:54:A:ARG:HE	12	1.42	0.88	1.28
(3,728)	1:44:A:GLU:HB3	1:54:A:ARG:HE	12	1.42	0.88	1.28
(33,718)	1:44:A:GLU:HB2	1:54:A:ARG:HE	12	1.42	0.88	1.28
(33,718)	1:44:A:GLU:HB3	1:54:A:ARG:HE	12	1.42	0.88	1.28
(7,1362)	1:12:A:VAL:HG21	1:13:A:ALA:HA	12	1.39	0.71	1.78
(7,1362)	1:12:A:VAL:HG22	1:13:A:ALA:HA	12	1.39	0.71	1.78
(7,1362)	1:12:A:VAL:HG23	1:13:A:ALA:HA	12	1.39	0.71	1.78
(3,2007)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	12	1.37	0.34	1.5
(3,2007)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	12	1.37	0.34	1.5
(3,2007)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	12	1.37	0.34	1.5
(3,2007)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	12	1.37	0.34	1.5
(3,2007)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	12	1.37	0.34	1.5
(3,2007)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	12	1.37	0.34	1.5
(11,2004)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	12	1.37	0.34	1.5
(11,2004)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	12	1.37	0.34	1.5
(11,2004)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	12	1.37	0.34	1.5
(11,2004)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	12	1.37	0.34	1.5
(11,2004)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	12	1.37	0.34	1.5
(11,2004)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	12	1.37	0.34	1.5
(16,445)	1:68:A:LYS:H	1:70:A:LYS:HG2	12	1.36	0.93	1.14
(17,436)	1:68:A:LYS:H	1:70:A:LYS:HG2	12	1.36	0.93	1.14
(4,1822)	1:13:A:ALA:HA	1:80:A:TYR:HE1	12	1.35	0.53	1.27
(4,1822)	1:13:A:ALA:HA	1:80:A:TYR:HE2	12	1.35	0.53	1.27
(34,842)	1:48:A:ARG:HD2	1:49:A:LYS:HA	12	1.33	0.84	1.56
(34,842)	1:48:A:ARG:HD3	1:49:A:LYS:HA	12	1.33	0.84	1.56
(9,1941)	1:10:A:ASN:HD21	1:81:A:GLU:H	12	1.33	0.6	1.13
(9,1941)	1:10:A:ASN:HD22	1:81:A:GLU:H	12	1.33	0.6	1.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,2485)	1:144:A:LEU:HB3	1:146:A:GLN:HG2	12	1.32	0.74	0.96
(32,2485)	1:144:A:LEU:HB3	1:146:A:GLN:HG3	12	1.32	0.74	0.96
(18,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	12	1.29	0.34	1.42
(18,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	12	1.29	0.34	1.42
(18,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	12	1.29	0.34	1.42
(18,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	12	1.29	0.34	1.42
(18,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	12	1.29	0.34	1.42
(18,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	12	1.29	0.34	1.42
(30,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	12	1.29	0.34	1.42
(30,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	12	1.29	0.34	1.42
(30,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	12	1.29	0.34	1.42
(30,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	12	1.29	0.34	1.42
(30,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	12	1.29	0.34	1.42
(30,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	12	1.29	0.34	1.42
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	12	1.23	0.68	1.08
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	12	1.23	0.68	1.08
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	12	1.23	0.68	1.08
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	12	1.23	0.68	1.08
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	12	1.23	0.68	1.08
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	12	1.23	0.68	1.08
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	12	1.23	0.68	1.08
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	12	1.23	0.68	1.08
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	12	1.23	0.68	1.08
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	12	1.23	0.68	1.08
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	12	1.23	0.68	1.08
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	12	1.23	0.68	1.08
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	12	1.23	0.68	1.08
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	12	1.23	0.68	1.08
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	12	1.23	0.68	1.08
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	12	1.23	0.68	1.08
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	12	1.23	0.68	1.08
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	12	1.23	0.68	1.08
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	12	1.23	0.68	1.08
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	12	1.23	0.68	1.08
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	12	1.23	0.68	1.08
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	12	1.23	0.68	1.08
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	12	1.23	0.68	1.08
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	12	1.23	0.68	1.08
(1,991)	1:11:A:ILE:HG12	1:14:A:VAL:HB	12	1.21	0.91	1.22
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	12	1.2	0.54	1.08
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	12	1.2	0.54	1.08
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	12	1.2	0.54	1.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	12	1.2	0.54	1.08
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	12	1.2	0.54	1.08
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	12	1.2	0.54	1.08
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	12	1.2	0.54	1.08
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	12	1.2	0.54	1.08
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	12	1.2	0.54	1.08
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	12	1.2	0.54	1.08
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	12	1.2	0.54	1.08
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	12	1.2	0.54	1.08
(15,2498)	1:145:A:PRO:HD2	1:147:A:ARG:H	12	1.17	0.54	1.27
(15,2498)	1:145:A:PRO:HD3	1:147:A:ARG:H	12	1.17	0.54	1.27
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	12	1.15	0.84	1.13
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	12	1.15	0.84	1.13
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	12	1.15	0.84	1.13
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	12	1.15	0.84	1.13
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	12	1.15	0.84	1.13
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	12	1.15	0.84	1.13
(7,971)	1:12:A:VAL:HB	1:40:A:LEU:H	12	1.15	0.51	1.14
(16,944)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	12	1.15	0.78	0.97
(16,944)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	12	1.15	0.78	0.97
(30,856)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	12	1.15	0.78	0.97
(30,856)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	12	1.15	0.78	0.97
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD21	12	1.15	0.38	1.14
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD22	12	1.15	0.38	1.14
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD23	12	1.15	0.38	1.14
(18,1832)	1:13:A:ALA:HA	1:80:A:TYR:HE1	12	1.13	0.53	1.06
(18,1832)	1:13:A:ALA:HA	1:80:A:TYR:HE2	12	1.13	0.53	1.06
(29,773)	1:37:A:LEU:H	1:40:A:LEU:HB3	12	1.11	0.65	0.88
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	12	1.11	0.46	1.39
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	12	1.11	0.46	1.39
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	12	1.11	0.46	1.39
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	12	1.11	0.46	1.39
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	12	1.11	0.46	1.39
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	12	1.11	0.46	1.39
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	12	1.11	0.46	1.39
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	12	1.11	0.46	1.39
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	12	1.11	0.46	1.39
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	12	1.11	0.46	1.39
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	12	1.11	0.46	1.39
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	12	1.11	0.46	1.39
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	12	1.11	0.46	1.39
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	12	1.11	0.46	1.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	12	1.11	0.46	1.39
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	12	1.11	0.46	1.39
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	12	1.11	0.46	1.39
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	12	1.11	0.46	1.39
(2,1145)	1:13:A:ALA:HB1	1:80:A:TYR:HA	12	1.1	0.64	1.08
(2,1145)	1:13:A:ALA:HB2	1:80:A:TYR:HA	12	1.1	0.64	1.08
(2,1145)	1:13:A:ALA:HB3	1:80:A:TYR:HA	12	1.1	0.64	1.08
(13,1131)	1:13:A:ALA:HB1	1:80:A:TYR:HA	12	1.1	0.64	1.08
(13,1131)	1:13:A:ALA:HB2	1:80:A:TYR:HA	12	1.1	0.64	1.08
(13,1131)	1:13:A:ALA:HB3	1:80:A:TYR:HA	12	1.1	0.64	1.08
(15,1153)	1:13:A:ALA:HB1	1:80:A:TYR:HA	12	1.1	0.64	1.08
(15,1153)	1:13:A:ALA:HB2	1:80:A:TYR:HA	12	1.1	0.64	1.08
(15,1153)	1:13:A:ALA:HB3	1:80:A:TYR:HA	12	1.1	0.64	1.08
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG11	12	1.1	0.67	0.84
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG12	12	1.1	0.67	0.84
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG13	12	1.1	0.67	0.84
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG21	12	1.1	0.67	0.84
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG22	12	1.1	0.67	0.84
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG23	12	1.1	0.67	0.84
(30,1153)	1:13:A:ALA:HB1	1:80:A:TYR:HA	12	1.1	0.64	1.08
(30,1153)	1:13:A:ALA:HB2	1:80:A:TYR:HA	12	1.1	0.64	1.08
(30,1153)	1:13:A:ALA:HB3	1:80:A:TYR:HA	12	1.1	0.64	1.08
(9,743)	1:105:A:LYS:HG2	1:112:A:GLN:HE21	12	1.1	0.45	1.16
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG21	12	1.08	0.58	1.04
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG22	12	1.08	0.58	1.04
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG23	12	1.08	0.58	1.04
(9,486)	1:147:A:ARG:HD2	1:148:A:CYS:H	12	1.06	0.36	1.12
(9,486)	1:147:A:ARG:HD3	1:148:A:CYS:H	12	1.06	0.36	1.12
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD21	12	1.06	0.72	0.79
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD22	12	1.06	0.72	0.79
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD23	12	1.06	0.72	0.79
(16,1018)	1:95:A:ILE:HG21	1:105:A:LYS:HB2	12	1.06	0.6	0.74
(16,1018)	1:95:A:ILE:HG21	1:105:A:LYS:HB3	12	1.06	0.6	0.74
(16,1018)	1:95:A:ILE:HG22	1:105:A:LYS:HB2	12	1.06	0.6	0.74
(16,1018)	1:95:A:ILE:HG22	1:105:A:LYS:HB3	12	1.06	0.6	0.74
(16,1018)	1:95:A:ILE:HG23	1:105:A:LYS:HB2	12	1.06	0.6	0.74
(16,1018)	1:95:A:ILE:HG23	1:105:A:LYS:HB3	12	1.06	0.6	0.74
(11,2238)	1:66:A:THR:H	1:70:A:LYS:HD2	12	1.05	0.38	1.02
(11,2238)	1:66:A:THR:H	1:70:A:LYS:HD3	12	1.05	0.38	1.02
(17,1026)	1:113:A:PHE:HA	1:116:A:GLN:HG3	12	1.04	0.5	0.86
(17,475)	1:147:A:ARG:HD2	1:148:A:CYS:H	12	1.04	0.36	1.1
(17,475)	1:147:A:ARG:HD3	1:148:A:CYS:H	12	1.04	0.36	1.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,594)	1:75:A:GLY:H	1:77:A:CYS:HB3	12	1.02	0.52	1.16
(17,1401)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	12	1.01	0.59	1.08
(17,1401)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	12	1.01	0.59	1.08
(17,1401)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	12	1.01	0.59	1.08
(11,2418)	1:134:A:VAL:HG11	1:137:A:SER:H	12	1.01	0.34	1.0
(11,2418)	1:134:A:VAL:HG12	1:137:A:SER:H	12	1.01	0.34	1.0
(11,2418)	1:134:A:VAL:HG13	1:137:A:SER:H	12	1.01	0.34	1.0
(11,2418)	1:134:A:VAL:HG21	1:137:A:SER:H	12	1.01	0.34	1.0
(11,2418)	1:134:A:VAL:HG22	1:137:A:SER:H	12	1.01	0.34	1.0
(11,2418)	1:134:A:VAL:HG23	1:137:A:SER:H	12	1.01	0.34	1.0
(1,2027)	1:23:A:LEU:HD11	1:26:A:ASP:HA	12	1.01	0.53	1.28
(1,2027)	1:23:A:LEU:HD12	1:26:A:ASP:HA	12	1.01	0.53	1.28
(1,2027)	1:23:A:LEU:HD13	1:26:A:ASP:HA	12	1.01	0.53	1.28
(1,2027)	1:23:A:LEU:HD21	1:26:A:ASP:HA	12	1.01	0.53	1.28
(1,2027)	1:23:A:LEU:HD22	1:26:A:ASP:HA	12	1.01	0.53	1.28
(1,2027)	1:23:A:LEU:HD23	1:26:A:ASP:HA	12	1.01	0.53	1.28
(2,1640)	1:10:A:ASN:HB3	1:61:A:SER:HA	12	1.0	0.49	1.12
(5,705)	1:28:A:GLY:H	1:30:A:LEU:HB2	12	1.0	0.41	0.93
(5,705)	1:28:A:GLY:H	1:30:A:LEU:HB3	12	1.0	0.41	0.93
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	12	0.97	0.28	1.04
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	12	0.97	0.28	1.04
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	12	0.97	0.28	1.04
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	12	0.97	0.28	1.04
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	12	0.97	0.28	1.04
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	12	0.97	0.28	1.04
(2,1783)	1:39:A:VAL:HG21	1:144:A:LEU:H	12	0.96	0.46	0.86
(2,1783)	1:39:A:VAL:HG22	1:144:A:LEU:H	12	0.96	0.46	0.86
(2,1783)	1:39:A:VAL:HG23	1:144:A:LEU:H	12	0.96	0.46	0.86
(7,1036)	1:43:A:MET:HB2	1:140:A:LEU:HG	12	0.95	0.44	0.75
(9,1055)	1:43:A:MET:HB2	1:140:A:LEU:HG	12	0.95	0.44	0.75
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG21	12	0.94	0.74	0.8
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG22	12	0.94	0.74	0.8
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG23	12	0.94	0.74	0.8
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG21	12	0.94	0.74	0.8
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG22	12	0.94	0.74	0.8
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG23	12	0.94	0.74	0.8
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG21	12	0.94	0.74	0.8
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG22	12	0.94	0.74	0.8
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG23	12	0.94	0.74	0.8
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG21	12	0.94	0.74	0.8
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG22	12	0.94	0.74	0.8
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG23	12	0.94	0.74	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG21	12	0.94	0.74	0.8
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG22	12	0.94	0.74	0.8
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG23	12	0.94	0.74	0.8
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG21	12	0.94	0.74	0.8
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG22	12	0.94	0.74	0.8
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG23	12	0.94	0.74	0.8
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG21	12	0.94	0.74	0.8
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG22	12	0.94	0.74	0.8
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG23	12	0.94	0.74	0.8
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG21	12	0.94	0.74	0.8
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG22	12	0.94	0.74	0.8
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG23	12	0.94	0.74	0.8
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG21	12	0.94	0.74	0.8
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG22	12	0.94	0.74	0.8
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG23	12	0.94	0.74	0.8
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG21	12	0.94	0.74	0.8
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG22	12	0.94	0.74	0.8
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG23	12	0.94	0.74	0.8
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG21	12	0.94	0.74	0.8
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG22	12	0.94	0.74	0.8
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG23	12	0.94	0.74	0.8
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG21	12	0.94	0.74	0.8
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG22	12	0.94	0.74	0.8
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG23	12	0.94	0.74	0.8
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	12	0.94	0.69	0.64
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	12	0.94	0.69	0.64
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	12	0.94	0.69	0.64
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	12	0.94	0.69	0.64
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	12	0.94	0.69	0.64
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	12	0.94	0.69	0.64
(3,2465)	1:134:A:VAL:HG11	1:137:A:SER:H	12	0.93	0.34	0.92
(3,2465)	1:134:A:VAL:HG12	1:137:A:SER:H	12	0.93	0.34	0.92
(3,2465)	1:134:A:VAL:HG13	1:137:A:SER:H	12	0.93	0.34	0.92
(3,2465)	1:134:A:VAL:HG21	1:137:A:SER:H	12	0.93	0.34	0.92
(3,2465)	1:134:A:VAL:HG22	1:137:A:SER:H	12	0.93	0.34	0.92
(3,2465)	1:134:A:VAL:HG23	1:137:A:SER:H	12	0.93	0.34	0.92
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	12	0.93	0.28	1.0
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	12	0.93	0.28	1.0
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	12	0.93	0.28	1.0
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	12	0.93	0.28	1.0
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	12	0.93	0.28	1.0
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	12	0.93	0.28	1.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,1805)	1:13:A:ALA:H	1:80:A:TYR:HD1	12	0.91	0.52	0.94
(2,1805)	1:13:A:ALA:H	1:80:A:TYR:HD2	12	0.91	0.52	0.94
(7,1747)	1:13:A:ALA:H	1:80:A:TYR:HD1	12	0.91	0.52	0.94
(7,1747)	1:13:A:ALA:H	1:80:A:TYR:HD2	12	0.91	0.52	0.94
(13,1745)	1:13:A:ALA:H	1:80:A:TYR:HD1	12	0.91	0.52	0.94
(13,1745)	1:13:A:ALA:H	1:80:A:TYR:HD2	12	0.91	0.52	0.94
(17,1796)	1:13:A:ALA:H	1:80:A:TYR:HD1	12	0.91	0.52	0.94
(17,1796)	1:13:A:ALA:H	1:80:A:TYR:HD2	12	0.91	0.52	0.94
(29,1804)	1:13:A:ALA:H	1:80:A:TYR:HD1	12	0.91	0.52	0.94
(29,1804)	1:13:A:ALA:H	1:80:A:TYR:HD2	12	0.91	0.52	0.94
(34,1796)	1:13:A:ALA:H	1:80:A:TYR:HD1	12	0.91	0.52	0.94
(34,1796)	1:13:A:ALA:H	1:80:A:TYR:HD2	12	0.91	0.52	0.94
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	12	0.89	0.61	0.74
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	12	0.89	0.61	0.74
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	12	0.89	0.61	0.74
(29,775)	1:53:A:THR:H	1:124:A:THR:HG21	12	0.88	0.41	0.88
(29,775)	1:53:A:THR:H	1:124:A:THR:HG22	12	0.88	0.41	0.88
(29,775)	1:53:A:THR:H	1:124:A:THR:HG23	12	0.88	0.41	0.88
(2,117)	1:10:A:ASN:HD22	1:80:A:TYR:H	12	0.87	0.54	0.92
(13,1939)	1:12:A:VAL:HG11	1:81:A:GLU:H	12	0.87	0.54	0.74
(13,1939)	1:12:A:VAL:HG12	1:81:A:GLU:H	12	0.87	0.54	0.74
(13,1939)	1:12:A:VAL:HG13	1:81:A:GLU:H	12	0.87	0.54	0.74
(13,1939)	1:12:A:VAL:HG21	1:81:A:GLU:H	12	0.87	0.54	0.74
(13,1939)	1:12:A:VAL:HG22	1:81:A:GLU:H	12	0.87	0.54	0.74
(13,1939)	1:12:A:VAL:HG23	1:81:A:GLU:H	12	0.87	0.54	0.74
(34,1982)	1:12:A:VAL:HG11	1:81:A:GLU:H	12	0.87	0.54	0.74
(34,1982)	1:12:A:VAL:HG12	1:81:A:GLU:H	12	0.87	0.54	0.74
(34,1982)	1:12:A:VAL:HG13	1:81:A:GLU:H	12	0.87	0.54	0.74
(34,1982)	1:12:A:VAL:HG21	1:81:A:GLU:H	12	0.87	0.54	0.74
(34,1982)	1:12:A:VAL:HG22	1:81:A:GLU:H	12	0.87	0.54	0.74
(34,1982)	1:12:A:VAL:HG23	1:81:A:GLU:H	12	0.87	0.54	0.74
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	12	0.86	0.28	0.93
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	12	0.86	0.28	0.93
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	12	0.86	0.28	0.93
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	12	0.86	0.28	0.93
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	12	0.86	0.28	0.93
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	12	0.86	0.28	0.93
(5,1000)	1:95:A:ILE:HG21	1:105:A:LYS:HB2	12	0.85	0.6	0.53
(5,1000)	1:95:A:ILE:HG21	1:105:A:LYS:HB3	12	0.85	0.6	0.53
(5,1000)	1:95:A:ILE:HG22	1:105:A:LYS:HB2	12	0.85	0.6	0.53
(5,1000)	1:95:A:ILE:HG22	1:105:A:LYS:HB3	12	0.85	0.6	0.53
(5,1000)	1:95:A:ILE:HG23	1:105:A:LYS:HB2	12	0.85	0.6	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,1000)	1:95:A:ILE:HG23	1:105:A:LYS:HB3	12	0.85	0.6	0.53
(1,1295)	1:66:A:THR:HG21	1:96:A:VAL:H	12	0.83	0.48	0.99
(1,1295)	1:66:A:THR:HG22	1:96:A:VAL:H	12	0.83	0.48	0.99
(1,1295)	1:66:A:THR:HG23	1:96:A:VAL:H	12	0.83	0.48	0.99
(3,1315)	1:66:A:THR:HG21	1:96:A:VAL:H	12	0.83	0.48	0.99
(3,1315)	1:66:A:THR:HG22	1:96:A:VAL:H	12	0.83	0.48	0.99
(3,1315)	1:66:A:THR:HG23	1:96:A:VAL:H	12	0.83	0.48	0.99
(5,1311)	1:66:A:THR:HG21	1:96:A:VAL:H	12	0.83	0.48	0.99
(5,1311)	1:66:A:THR:HG22	1:96:A:VAL:H	12	0.83	0.48	0.99
(5,1311)	1:66:A:THR:HG23	1:96:A:VAL:H	12	0.83	0.48	0.99
(6,1279)	1:66:A:THR:HG21	1:96:A:VAL:H	12	0.83	0.48	0.99
(6,1279)	1:66:A:THR:HG22	1:96:A:VAL:H	12	0.83	0.48	0.99
(6,1279)	1:66:A:THR:HG23	1:96:A:VAL:H	12	0.83	0.48	0.99
(17,1298)	1:66:A:THR:HG21	1:96:A:VAL:H	12	0.83	0.48	0.99
(17,1298)	1:66:A:THR:HG22	1:96:A:VAL:H	12	0.83	0.48	0.99
(17,1298)	1:66:A:THR:HG23	1:96:A:VAL:H	12	0.83	0.48	0.99
(34,1318)	1:66:A:THR:HG21	1:96:A:VAL:H	12	0.83	0.48	0.99
(34,1318)	1:66:A:THR:HG22	1:96:A:VAL:H	12	0.83	0.48	0.99
(34,1318)	1:66:A:THR:HG23	1:96:A:VAL:H	12	0.83	0.48	0.99
(6,2431)	1:134:A:VAL:HG11	1:137:A:SER:H	12	0.82	0.34	0.81
(6,2431)	1:134:A:VAL:HG12	1:137:A:SER:H	12	0.82	0.34	0.81
(6,2431)	1:134:A:VAL:HG13	1:137:A:SER:H	12	0.82	0.34	0.81
(6,2431)	1:134:A:VAL:HG21	1:137:A:SER:H	12	0.82	0.34	0.81
(6,2431)	1:134:A:VAL:HG22	1:137:A:SER:H	12	0.82	0.34	0.81
(6,2431)	1:134:A:VAL:HG23	1:137:A:SER:H	12	0.82	0.34	0.81
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	12	0.82	0.42	0.84
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	12	0.82	0.42	0.84
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	12	0.82	0.42	0.84
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	12	0.82	0.42	0.84
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	12	0.82	0.42	0.84
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	12	0.82	0.42	0.84
(6,2143)	1:43:A:MET:HB2	1:140:A:LEU:HG	12	0.78	0.41	0.75
(6,2143)	1:43:A:MET:HB3	1:140:A:LEU:HG	12	0.78	0.41	0.75
(18,1705)	1:79:A:THR:HG21	1:81:A:GLU:HB3	12	0.78	0.49	0.7
(18,1705)	1:79:A:THR:HG22	1:81:A:GLU:HB3	12	0.78	0.49	0.7
(18,1705)	1:79:A:THR:HG23	1:81:A:GLU:HB3	12	0.78	0.49	0.7
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	12	0.78	0.29	0.86
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	12	0.78	0.29	0.86
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	12	0.78	0.29	0.86
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	12	0.78	0.29	0.86
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	12	0.78	0.29	0.86
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	12	0.78	0.29	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	12	0.78	0.29	0.86
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	12	0.78	0.29	0.86
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	12	0.78	0.29	0.86
(1,472)	1:12:A:VAL:HG11	1:14:A:VAL:H	12	0.76	0.36	0.8
(1,472)	1:12:A:VAL:HG12	1:14:A:VAL:H	12	0.76	0.36	0.8
(1,472)	1:12:A:VAL:HG13	1:14:A:VAL:H	12	0.76	0.36	0.8
(3,990)	1:47:A:ALA:HB1	1:134:A:VAL:HB	12	0.76	0.45	0.57
(3,990)	1:47:A:ALA:HB2	1:134:A:VAL:HB	12	0.76	0.45	0.57
(3,990)	1:47:A:ALA:HB3	1:134:A:VAL:HB	12	0.76	0.45	0.57
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	12	0.75	0.42	0.77
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	12	0.75	0.42	0.77
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	12	0.75	0.42	0.77
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	12	0.75	0.42	0.77
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	12	0.75	0.42	0.77
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	12	0.75	0.42	0.77
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG11	12	0.75	0.42	0.8
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG12	12	0.75	0.42	0.8
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG13	12	0.75	0.42	0.8
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG21	12	0.75	0.42	0.8
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG22	12	0.75	0.42	0.8
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG23	12	0.75	0.42	0.8
(7,471)	1:12:A:VAL:HG11	1:14:A:VAL:H	12	0.74	0.36	0.78
(7,471)	1:12:A:VAL:HG12	1:14:A:VAL:H	12	0.74	0.36	0.78
(7,471)	1:12:A:VAL:HG13	1:14:A:VAL:H	12	0.74	0.36	0.78
(16,2432)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	12	0.74	0.42	0.84
(16,2432)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	12	0.74	0.42	0.84
(16,2432)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	12	0.74	0.42	0.84
(16,2432)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	12	0.74	0.42	0.84
(16,2432)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	12	0.74	0.42	0.84
(16,2432)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	12	0.74	0.42	0.84
(15,1859)	1:14:A:VAL:HA	1:18:A:PHE:HD1	12	0.72	0.28	0.71
(15,1859)	1:14:A:VAL:HA	1:18:A:PHE:HD2	12	0.72	0.28	0.71
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	12	0.71	0.28	0.78
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	12	0.71	0.28	0.78
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	12	0.71	0.28	0.78
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	12	0.71	0.28	0.78
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	12	0.71	0.28	0.78
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	12	0.71	0.28	0.78
(3,1854)	1:9:A:PHE:HZ	1:57:A:LEU:HA	12	0.71	0.35	0.68
(6,1830)	1:9:A:PHE:HZ	1:57:A:LEU:HA	12	0.71	0.35	0.68
(7,1792)	1:9:A:PHE:HZ	1:57:A:LEU:HA	12	0.71	0.35	0.68
(17,1841)	1:9:A:PHE:HZ	1:57:A:LEU:HA	12	0.71	0.35	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,1827)	1:9:A:PHE:HZ	1:57:A:LEU:HA	12	0.71	0.35	0.68
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE1	12	0.69	0.29	0.55
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE2	12	0.69	0.29	0.55
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE3	12	0.69	0.29	0.55
(11,2096)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	12	0.68	0.39	0.66
(11,2096)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	12	0.68	0.39	0.66
(11,2096)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	12	0.68	0.39	0.66
(11,2096)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	12	0.68	0.39	0.66
(11,2096)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	12	0.68	0.39	0.66
(11,2096)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	12	0.68	0.39	0.66
(16,2092)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	12	0.68	0.39	0.66
(16,2092)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	12	0.68	0.39	0.66
(16,2092)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	12	0.68	0.39	0.66
(16,2092)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	12	0.68	0.39	0.66
(16,2092)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	12	0.68	0.39	0.66
(16,2092)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	12	0.68	0.39	0.66
(33,2086)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	12	0.68	0.39	0.66
(33,2086)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	12	0.68	0.39	0.66
(33,2086)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	12	0.68	0.39	0.66
(33,2086)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	12	0.68	0.39	0.66
(33,2086)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	12	0.68	0.39	0.66
(33,2086)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	12	0.68	0.39	0.66
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB1	12	0.68	0.3	0.66
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB2	12	0.68	0.3	0.66
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB3	12	0.68	0.3	0.66
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB1	12	0.68	0.3	0.66
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB2	12	0.68	0.3	0.66
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB3	12	0.68	0.3	0.66
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB1	12	0.68	0.3	0.66
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB2	12	0.68	0.3	0.66
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB3	12	0.68	0.3	0.66
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB1	12	0.68	0.3	0.66
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB2	12	0.68	0.3	0.66
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB3	12	0.68	0.3	0.66
(4,739)	1:147:A:ARG:HA	1:147:A:ARG:HE	12	0.68	0.38	0.67
(6,742)	1:147:A:ARG:HA	1:147:A:ARG:HE	12	0.68	0.38	0.67
(18,767)	1:147:A:ARG:HA	1:147:A:ARG:HE	12	0.68	0.38	0.67
(15,588)	1:126:A:GLY:H	1:128:A:LEU:HG	12	0.68	0.21	0.72
(17,466)	1:14:A:VAL:H	1:61:A:SER:HA	12	0.68	0.36	0.7
(17,1923)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	12	0.67	0.43	0.57
(17,1923)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	12	0.67	0.43	0.57
(17,1923)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	12	0.67	0.43	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,1923)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	12	0.67	0.43	0.57
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD21	12	0.66	0.21	0.6
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD22	12	0.66	0.21	0.6
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD23	12	0.66	0.21	0.6
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD21	12	0.66	0.21	0.6
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD22	12	0.66	0.21	0.6
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD23	12	0.66	0.21	0.6
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	12	0.66	0.21	0.6
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	12	0.66	0.21	0.6
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	12	0.66	0.21	0.6
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	12	0.66	0.21	0.6
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	12	0.66	0.21	0.6
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	12	0.66	0.21	0.6
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	12	0.66	0.21	0.6
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	12	0.66	0.21	0.6
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	12	0.66	0.21	0.6
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD21	12	0.66	0.21	0.6
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD22	12	0.66	0.21	0.6
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD23	12	0.66	0.21	0.6
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD21	12	0.66	0.21	0.6
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD22	12	0.66	0.21	0.6
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD23	12	0.66	0.21	0.6
(1,1010)	1:102:A:PRO:HA	1:105:A:LYS:HB2	12	0.65	0.31	0.78
(1,1010)	1:102:A:PRO:HA	1:105:A:LYS:HB3	12	0.65	0.31	0.78
(32,962)	1:102:A:PRO:HA	1:105:A:LYS:HB2	12	0.65	0.31	0.78
(32,962)	1:102:A:PRO:HA	1:105:A:LYS:HB3	12	0.65	0.31	0.78
(3,638)	1:9:A:PHE:HZ	1:58:A:ILE:H	12	0.65	0.37	0.55
(7,629)	1:9:A:PHE:HZ	1:58:A:ILE:H	12	0.65	0.37	0.55
(30,629)	1:9:A:PHE:HZ	1:58:A:ILE:H	12	0.65	0.37	0.55
(1,1753)	1:31:A:PRO:HB2	1:35:A:LEU:HA	12	0.63	0.46	0.5
(1,1753)	1:31:A:PRO:HB3	1:35:A:LEU:HA	12	0.63	0.46	0.5
(16,580)	1:42:A:GLU:HB3	1:46:A:ASN:HD21	12	0.63	0.24	0.55
(1,1669)	1:69:A:MET:HE1	1:116:A:GLN:HG3	12	0.63	0.41	0.46
(1,1669)	1:69:A:MET:HE2	1:116:A:GLN:HG3	12	0.63	0.41	0.46
(1,1669)	1:69:A:MET:HE3	1:116:A:GLN:HG3	12	0.63	0.41	0.46
(9,1649)	1:69:A:MET:HE1	1:116:A:GLN:HG3	12	0.63	0.41	0.46
(9,1649)	1:69:A:MET:HE2	1:116:A:GLN:HG3	12	0.63	0.41	0.46
(9,1649)	1:69:A:MET:HE3	1:116:A:GLN:HG3	12	0.63	0.41	0.46
(17,1674)	1:69:A:MET:HE1	1:116:A:GLN:HG3	12	0.63	0.41	0.46
(17,1674)	1:69:A:MET:HE2	1:116:A:GLN:HG3	12	0.63	0.41	0.46
(17,1674)	1:69:A:MET:HE3	1:116:A:GLN:HG3	12	0.63	0.41	0.46
(4,571)	1:126:A:GLY:H	1:128:A:LEU:HG	12	0.63	0.21	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	12	0.61	0.19	0.64
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	12	0.61	0.19	0.64
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	12	0.61	0.19	0.64
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	12	0.61	0.19	0.64
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	12	0.61	0.19	0.64
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	12	0.61	0.19	0.64
(6,2362)	1:115:A:ALA:H	1:116:A:GLN:HE21	12	0.6	0.25	0.64
(6,2362)	1:115:A:ALA:H	1:116:A:GLN:HE22	12	0.6	0.25	0.64
(30,2370)	1:115:A:ALA:H	1:116:A:GLN:HE21	12	0.6	0.25	0.64
(30,2370)	1:115:A:ALA:H	1:116:A:GLN:HE22	12	0.6	0.25	0.64
(15,1888)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	12	0.6	0.32	0.6
(15,1888)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	12	0.6	0.32	0.6
(15,1888)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	12	0.6	0.32	0.6
(15,1888)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	12	0.6	0.32	0.6
(15,1888)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	12	0.6	0.32	0.6
(15,1888)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	12	0.6	0.32	0.6
(29,961)	1:39:A:VAL:HA	1:43:A:MET:HG3	12	0.6	0.33	0.59
(16,936)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	12	0.59	0.45	0.47
(16,936)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	12	0.59	0.45	0.47
(16,936)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	12	0.59	0.45	0.47
(16,936)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	12	0.59	0.45	0.47
(16,936)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	12	0.59	0.45	0.47
(16,936)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	12	0.59	0.45	0.47
(30,919)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	12	0.59	0.45	0.47
(30,919)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	12	0.59	0.45	0.47
(30,919)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	12	0.59	0.45	0.47
(30,919)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	12	0.59	0.45	0.47
(30,919)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	12	0.59	0.45	0.47
(30,919)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	12	0.59	0.45	0.47
(3,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	12	0.59	0.25	0.61
(3,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	12	0.59	0.25	0.61
(3,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	12	0.59	0.25	0.61
(6,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	12	0.59	0.25	0.61
(6,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	12	0.59	0.25	0.61
(6,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	12	0.59	0.25	0.61
(9,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	12	0.59	0.25	0.61
(9,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	12	0.59	0.25	0.61
(9,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	12	0.59	0.25	0.61
(30,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	12	0.59	0.25	0.61
(30,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	12	0.59	0.25	0.61
(30,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	12	0.59	0.25	0.61
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD11	12	0.59	0.19	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD12	12	0.59	0.19	0.55
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD13	12	0.59	0.19	0.55
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD11	12	0.59	0.19	0.55
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD12	12	0.59	0.19	0.55
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD13	12	0.59	0.19	0.55
(16,966)	1:40:A:LEU:HA	1:43:A:MET:HG2	12	0.58	0.37	0.48
(11,1554)	1:69:A:MET:HE1	1:76:A:ARG:HG2	12	0.58	0.2	0.5
(11,1554)	1:69:A:MET:HE1	1:76:A:ARG:HG3	12	0.58	0.2	0.5
(11,1554)	1:69:A:MET:HE2	1:76:A:ARG:HG2	12	0.58	0.2	0.5
(11,1554)	1:69:A:MET:HE2	1:76:A:ARG:HG3	12	0.58	0.2	0.5
(11,1554)	1:69:A:MET:HE3	1:76:A:ARG:HG2	12	0.58	0.2	0.5
(11,1554)	1:69:A:MET:HE3	1:76:A:ARG:HG3	12	0.58	0.2	0.5
(1,1934)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	12	0.57	0.34	0.48
(1,1934)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	12	0.57	0.34	0.48
(3,1949)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	12	0.57	0.34	0.48
(3,1949)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	12	0.57	0.34	0.48
(11,1941)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	12	0.57	0.34	0.48
(11,1941)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	12	0.57	0.34	0.48
(30,1920)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	12	0.57	0.34	0.48
(30,1920)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	12	0.57	0.34	0.48
(4,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB2	12	0.57	0.47	0.5
(4,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB3	12	0.57	0.47	0.5
(4,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB2	12	0.57	0.47	0.5
(4,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB3	12	0.57	0.47	0.5
(4,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB2	12	0.57	0.47	0.5
(4,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB3	12	0.57	0.47	0.5
(9,1402)	1:60:A:LEU:HD21	1:120:A:CYS:HA	12	0.54	0.24	0.67
(9,1402)	1:60:A:LEU:HD22	1:120:A:CYS:HA	12	0.54	0.24	0.67
(9,1402)	1:60:A:LEU:HD23	1:120:A:CYS:HA	12	0.54	0.24	0.67
(11,2425)	1:137:A:SER:HB2	1:140:A:LEU:HB2	12	0.53	0.28	0.6
(11,2425)	1:137:A:SER:HB3	1:140:A:LEU:HB2	12	0.53	0.28	0.6
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD21	12	0.53	0.43	0.36
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD22	12	0.53	0.43	0.36
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD23	12	0.53	0.43	0.36
(15,894)	1:69:A:MET:HE1	1:73:A:ILE:HB	12	0.53	0.39	0.36
(15,894)	1:69:A:MET:HE2	1:73:A:ILE:HB	12	0.53	0.39	0.36
(15,894)	1:69:A:MET:HE3	1:73:A:ILE:HB	12	0.53	0.39	0.36
(4,1515)	1:69:A:MET:HE1	1:76:A:ARG:HG2	12	0.53	0.2	0.45
(4,1515)	1:69:A:MET:HE1	1:76:A:ARG:HG3	12	0.53	0.2	0.45
(4,1515)	1:69:A:MET:HE2	1:76:A:ARG:HG2	12	0.53	0.2	0.45
(4,1515)	1:69:A:MET:HE2	1:76:A:ARG:HG3	12	0.53	0.2	0.45
(4,1515)	1:69:A:MET:HE3	1:76:A:ARG:HG2	12	0.53	0.2	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1515)	1:69:A:MET:HE3	1:76:A:ARG:HG3	12	0.53	0.2	0.45
(16,221)	1:108:A:GLU:H	1:111:A:GLU:HG3	12	0.53	0.28	0.52
(2,67)	1:13:A:ALA:HB1	1:81:A:GLU:H	12	0.52	0.2	0.59
(2,67)	1:13:A:ALA:HB2	1:81:A:GLU:H	12	0.52	0.2	0.59
(2,67)	1:13:A:ALA:HB3	1:81:A:GLU:H	12	0.52	0.2	0.59
(9,69)	1:13:A:ALA:HB1	1:81:A:GLU:H	12	0.52	0.2	0.59
(9,69)	1:13:A:ALA:HB2	1:81:A:GLU:H	12	0.52	0.2	0.59
(9,69)	1:13:A:ALA:HB3	1:81:A:GLU:H	12	0.52	0.2	0.59
(13,66)	1:13:A:ALA:HB1	1:81:A:GLU:H	12	0.52	0.2	0.59
(13,66)	1:13:A:ALA:HB2	1:81:A:GLU:H	12	0.52	0.2	0.59
(13,66)	1:13:A:ALA:HB3	1:81:A:GLU:H	12	0.52	0.2	0.59
(15,72)	1:13:A:ALA:HB1	1:81:A:GLU:H	12	0.52	0.2	0.59
(15,72)	1:13:A:ALA:HB2	1:81:A:GLU:H	12	0.52	0.2	0.59
(15,72)	1:13:A:ALA:HB3	1:81:A:GLU:H	12	0.52	0.2	0.59
(18,73)	1:13:A:ALA:HB1	1:81:A:GLU:H	12	0.52	0.2	0.59
(18,73)	1:13:A:ALA:HB2	1:81:A:GLU:H	12	0.52	0.2	0.59
(18,73)	1:13:A:ALA:HB3	1:81:A:GLU:H	12	0.52	0.2	0.59
(17,577)	1:126:A:GLY:H	1:128:A:LEU:HG	12	0.52	0.21	0.56
(2,1724)	1:141:A:LYS:HA	1:145:A:PRO:HD3	12	0.52	0.2	0.56
(11,1742)	1:141:A:LYS:HA	1:145:A:PRO:HD3	12	0.52	0.2	0.56
(2,155)	1:127:A:CYS:H	1:128:A:LEU:HG	12	0.52	0.25	0.52
(15,164)	1:127:A:CYS:H	1:128:A:LEU:HG	12	0.52	0.25	0.52
(17,160)	1:127:A:CYS:H	1:128:A:LEU:HG	12	0.52	0.25	0.52
(17,1092)	1:45:A:ALA:HA	1:48:A:ARG:HG2	12	0.51	0.19	0.53
(17,1092)	1:45:A:ALA:HA	1:48:A:ARG:HG3	12	0.51	0.19	0.53
(17,1552)	1:69:A:MET:HE1	1:76:A:ARG:HG2	12	0.51	0.2	0.43
(17,1552)	1:69:A:MET:HE1	1:76:A:ARG:HG3	12	0.51	0.2	0.43
(17,1552)	1:69:A:MET:HE2	1:76:A:ARG:HG2	12	0.51	0.2	0.43
(17,1552)	1:69:A:MET:HE2	1:76:A:ARG:HG3	12	0.51	0.2	0.43
(17,1552)	1:69:A:MET:HE3	1:76:A:ARG:HG2	12	0.51	0.2	0.43
(17,1552)	1:69:A:MET:HE3	1:76:A:ARG:HG3	12	0.51	0.2	0.43
(13,370)	1:40:A:LEU:HB2	1:41:A:LYS:H	12	0.5	0.19	0.56
(11,1597)	1:11:A:ILE:HD11	1:18:A:PHE:HD1	12	0.5	0.24	0.48
(11,1597)	1:11:A:ILE:HD11	1:18:A:PHE:HD2	12	0.5	0.24	0.48
(11,1597)	1:11:A:ILE:HD12	1:18:A:PHE:HD1	12	0.5	0.24	0.48
(11,1597)	1:11:A:ILE:HD12	1:18:A:PHE:HD2	12	0.5	0.24	0.48
(11,1597)	1:11:A:ILE:HD13	1:18:A:PHE:HD1	12	0.5	0.24	0.48
(11,1597)	1:11:A:ILE:HD13	1:18:A:PHE:HD2	12	0.5	0.24	0.48
(7,916)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	12	0.5	0.3	0.44
(7,916)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	12	0.5	0.3	0.44
(3,1103)	1:45:A:ALA:HA	1:48:A:ARG:HG2	12	0.5	0.19	0.52
(3,1103)	1:45:A:ALA:HA	1:48:A:ARG:HG3	12	0.5	0.19	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,373)	1:40:A:LEU:HB2	1:41:A:LYS:H	12	0.49	0.19	0.55
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE1	12	0.49	0.29	0.34
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE2	12	0.49	0.29	0.34
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE3	12	0.49	0.29	0.34
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE1	12	0.49	0.29	0.34
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE2	12	0.49	0.29	0.34
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE3	12	0.49	0.29	0.34
(15,206)	1:101:A:ILE:H	1:104:A:PHE:HD1	12	0.49	0.19	0.48
(15,206)	1:101:A:ILE:H	1:104:A:PHE:HD2	12	0.49	0.19	0.48
(18,207)	1:101:A:ILE:H	1:104:A:PHE:HD1	12	0.49	0.19	0.48
(18,207)	1:101:A:ILE:H	1:104:A:PHE:HD2	12	0.49	0.19	0.48
(29,206)	1:101:A:ILE:H	1:104:A:PHE:HD1	12	0.49	0.19	0.48
(29,206)	1:101:A:ILE:H	1:104:A:PHE:HD2	12	0.49	0.19	0.48
(32,192)	1:101:A:ILE:H	1:104:A:PHE:HD1	12	0.49	0.19	0.48
(32,192)	1:101:A:ILE:H	1:104:A:PHE:HD2	12	0.49	0.19	0.48
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE1	12	0.49	0.29	0.34
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE2	12	0.49	0.29	0.34
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE3	12	0.49	0.29	0.34
(16,1557)	1:11:A:ILE:HD11	1:18:A:PHE:HD1	12	0.48	0.24	0.45
(16,1557)	1:11:A:ILE:HD11	1:18:A:PHE:HD2	12	0.48	0.24	0.45
(16,1557)	1:11:A:ILE:HD12	1:18:A:PHE:HD1	12	0.48	0.24	0.45
(16,1557)	1:11:A:ILE:HD12	1:18:A:PHE:HD2	12	0.48	0.24	0.45
(16,1557)	1:11:A:ILE:HD13	1:18:A:PHE:HD1	12	0.48	0.24	0.45
(16,1557)	1:11:A:ILE:HD13	1:18:A:PHE:HD2	12	0.48	0.24	0.45
(2,89)	1:96:A:VAL:H	1:97:A:ASP:H	12	0.47	0.21	0.48
(13,89)	1:96:A:VAL:H	1:97:A:ASP:H	12	0.47	0.21	0.48
(15,1864)	1:104:A:PHE:HE1	1:105:A:LYS:H	12	0.47	0.23	0.47
(15,1864)	1:104:A:PHE:HE2	1:105:A:LYS:H	12	0.47	0.23	0.47
(29,1901)	1:104:A:PHE:HE1	1:105:A:LYS:H	12	0.47	0.23	0.47
(29,1901)	1:104:A:PHE:HE2	1:105:A:LYS:H	12	0.47	0.23	0.47
(32,1851)	1:104:A:PHE:HE1	1:105:A:LYS:H	12	0.47	0.23	0.47
(32,1851)	1:104:A:PHE:HE2	1:105:A:LYS:H	12	0.47	0.23	0.47
(16,380)	1:40:A:LEU:HB2	1:41:A:LYS:H	12	0.46	0.19	0.52
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	12	0.46	0.3	0.32
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	12	0.46	0.3	0.32
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	12	0.46	0.3	0.32
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	12	0.46	0.3	0.32
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	12	0.46	0.3	0.32
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	12	0.46	0.3	0.32
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	12	0.46	0.3	0.32
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	12	0.46	0.3	0.32
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	12	0.46	0.3	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	12	0.46	0.3	0.32
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	12	0.46	0.3	0.32
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	12	0.46	0.3	0.32
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD11	12	0.45	0.33	0.37
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD12	12	0.45	0.33	0.37
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD13	12	0.45	0.33	0.37
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD21	12	0.45	0.33	0.37
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD22	12	0.45	0.33	0.37
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD23	12	0.45	0.33	0.37
(16,88)	1:151:A:PHE:H	1:151:A:PHE:HB3	12	0.44	0.14	0.44
(34,899)	1:151:A:PHE:H	1:151:A:PHE:HB3	12	0.44	0.14	0.44
(1,1095)	1:45:A:ALA:HA	1:48:A:ARG:HG2	12	0.43	0.19	0.46
(1,1095)	1:45:A:ALA:HA	1:48:A:ARG:HG3	12	0.43	0.19	0.46
(1,940)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	12	0.41	0.19	0.36
(1,940)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	12	0.41	0.19	0.36
(1,940)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	12	0.41	0.19	0.36
(18,741)	1:17:A:ASN:HD21	1:18:A:PHE:H	12	0.41	0.2	0.42
(33,1082)	1:45:A:ALA:HA	1:48:A:ARG:HG2	12	0.41	0.19	0.44
(33,1082)	1:45:A:ALA:HA	1:48:A:ARG:HG3	12	0.41	0.19	0.44
(1,949)	1:81:A:GLU:HA	1:81:A:GLU:HG2	12	0.4	0.08	0.42
(1,949)	1:81:A:GLU:HA	1:81:A:GLU:HG3	12	0.4	0.08	0.42
(3,264)	1:39:A:VAL:H	1:40:A:LEU:HB2	12	0.4	0.17	0.46
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD11	12	0.4	0.34	0.24
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD12	12	0.4	0.34	0.24
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD13	12	0.4	0.34	0.24
(3,755)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	12	0.4	0.27	0.3
(4,729)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	12	0.4	0.27	0.3
(7,732)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	12	0.4	0.27	0.3
(16,595)	1:75:A:GLY:H	1:76:A:ARG:HG2	12	0.4	0.16	0.37
(16,595)	1:75:A:GLY:H	1:76:A:ARG:HG3	12	0.4	0.16	0.37
(29,595)	1:75:A:GLY:H	1:76:A:ARG:HG2	12	0.4	0.16	0.37
(29,595)	1:75:A:GLY:H	1:76:A:ARG:HG3	12	0.4	0.16	0.37
(11,2303)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	12	0.38	0.22	0.32
(11,2303)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	12	0.38	0.22	0.32
(11,2303)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	12	0.38	0.22	0.32
(11,2303)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	12	0.38	0.22	0.32
(11,2303)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	12	0.38	0.22	0.32
(11,2303)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	12	0.38	0.22	0.32
(11,2303)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	12	0.38	0.22	0.32
(11,2303)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	12	0.38	0.22	0.32
(11,2303)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	12	0.38	0.22	0.32
(11,2303)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	12	0.38	0.22	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,2303)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	12	0.38	0.22	0.32
(11,2303)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	12	0.38	0.22	0.32
(32,2289)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	12	0.38	0.22	0.32
(32,2289)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	12	0.38	0.22	0.32
(32,2289)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	12	0.38	0.22	0.32
(32,2289)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	12	0.38	0.22	0.32
(32,2289)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	12	0.38	0.22	0.32
(32,2289)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	12	0.38	0.22	0.32
(32,2289)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	12	0.38	0.22	0.32
(32,2289)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	12	0.38	0.22	0.32
(32,2289)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	12	0.38	0.22	0.32
(32,2289)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	12	0.38	0.22	0.32
(32,2289)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	12	0.38	0.22	0.32
(32,2289)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	12	0.38	0.22	0.32
(30,2157)	1:43:A:MET:H	1:43:A:MET:HG2	12	0.38	0.16	0.41
(30,2157)	1:43:A:MET:H	1:43:A:MET:HG3	12	0.38	0.16	0.41
(5,1536)	1:69:A:MET:HE1	1:113:A:PHE:HE1	12	0.35	0.15	0.38
(5,1536)	1:69:A:MET:HE1	1:113:A:PHE:HE2	12	0.35	0.15	0.38
(5,1536)	1:69:A:MET:HE2	1:113:A:PHE:HE1	12	0.35	0.15	0.38
(5,1536)	1:69:A:MET:HE2	1:113:A:PHE:HE2	12	0.35	0.15	0.38
(5,1536)	1:69:A:MET:HE3	1:113:A:PHE:HE1	12	0.35	0.15	0.38
(5,1536)	1:69:A:MET:HE3	1:113:A:PHE:HE2	12	0.35	0.15	0.38
(1,58)	1:98:A:ILE:H	1:101:A:ILE:HG13	12	0.35	0.1	0.34
(4,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	12	0.35	0.1	0.34
(33,58)	1:98:A:ILE:H	1:101:A:ILE:HG13	12	0.35	0.1	0.34
(9,927)	1:81:A:GLU:HA	1:81:A:GLU:HG2	12	0.34	0.08	0.36
(9,927)	1:81:A:GLU:HA	1:81:A:GLU:HG3	12	0.34	0.08	0.36
(30,923)	1:81:A:GLU:HA	1:81:A:GLU:HG2	12	0.34	0.08	0.36
(30,923)	1:81:A:GLU:HA	1:81:A:GLU:HG3	12	0.34	0.08	0.36
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD11	12	0.34	0.13	0.34
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD12	12	0.34	0.13	0.34
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD13	12	0.34	0.13	0.34
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD11	12	0.34	0.13	0.34
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD12	12	0.34	0.13	0.34
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD13	12	0.34	0.13	0.34
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD11	12	0.34	0.13	0.34
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD12	12	0.34	0.13	0.34
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD13	12	0.34	0.13	0.34
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD11	12	0.34	0.13	0.34
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD12	12	0.34	0.13	0.34
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD13	12	0.34	0.13	0.34
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD11	12	0.34	0.13	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD12	12	0.34	0.13	0.34
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD13	12	0.34	0.13	0.34
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD11	12	0.34	0.13	0.34
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD12	12	0.34	0.13	0.34
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD13	12	0.34	0.13	0.34
(3,1236)	1:81:A:GLU:HA	1:81:A:GLU:HG2	12	0.33	0.08	0.35
(3,1236)	1:81:A:GLU:HA	1:81:A:GLU:HG3	12	0.33	0.08	0.35
(18,1221)	1:81:A:GLU:HA	1:81:A:GLU:HG2	12	0.33	0.08	0.35
(18,1221)	1:81:A:GLU:HA	1:81:A:GLU:HG3	12	0.33	0.08	0.35
(9,2326)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	12	0.31	0.15	0.3
(9,2326)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	12	0.31	0.15	0.3
(9,2326)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	12	0.31	0.15	0.3
(9,2326)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	12	0.31	0.15	0.3
(9,2326)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	12	0.31	0.15	0.3
(9,2326)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	12	0.31	0.15	0.3
(1,1640)	1:79:A:THR:H	1:80:A:TYR:HA	12	0.29	0.1	0.3
(9,2090)	1:39:A:VAL:HG11	1:41:A:LYS:H	12	0.28	0.1	0.29
(9,2090)	1:39:A:VAL:HG12	1:41:A:LYS:H	12	0.28	0.1	0.29
(9,2090)	1:39:A:VAL:HG13	1:41:A:LYS:H	12	0.28	0.1	0.29
(9,2090)	1:39:A:VAL:HG21	1:41:A:LYS:H	12	0.28	0.1	0.29
(9,2090)	1:39:A:VAL:HG22	1:41:A:LYS:H	12	0.28	0.1	0.29
(9,2090)	1:39:A:VAL:HG23	1:41:A:LYS:H	12	0.28	0.1	0.29
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG21	12	0.26	0.1	0.28
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG22	12	0.26	0.1	0.28
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG23	12	0.26	0.1	0.28
(4,1860)	1:104:A:PHE:HE1	1:115:A:ALA:H	12	0.26	0.19	0.18
(4,1860)	1:104:A:PHE:HE2	1:115:A:ALA:H	12	0.26	0.19	0.18
(32,1852)	1:104:A:PHE:HE1	1:115:A:ALA:H	12	0.26	0.19	0.18
(32,1852)	1:104:A:PHE:HE2	1:115:A:ALA:H	12	0.26	0.19	0.18
(7,2336)	1:111:A:GLU:H	1:111:A:GLU:HG2	12	0.25	0.07	0.26
(7,2336)	1:111:A:GLU:H	1:111:A:GLU:HG3	12	0.25	0.07	0.26
(1,825)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	12	0.22	0.04	0.22
(1,825)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	12	0.22	0.04	0.22
(1,825)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	12	0.22	0.04	0.22
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD11	12	0.18	0.07	0.16
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD12	12	0.18	0.07	0.16
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD13	12	0.18	0.07	0.16
(29,1932)	1:58:A:ILE:HB	1:62:A:HIS:HE1	12	0.17	0.09	0.12
(1,415)	1:125:A:THR:H	1:125:A:THR:HB	12	0.17	0.04	0.18
(2,412)	1:125:A:THR:H	1:125:A:THR:HB	12	0.17	0.04	0.18
(23,14)	1:115:A:ALA:N	1:111:A:GLU:O	12	0.14	0.03	0.13
(5,576)	1:116:A:GLN:HB2	1:116:A:GLN:HE22	12	0.13	0.01	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,576)	1:116:A:GLN:HB3	1:116:A:GLN:HE22	12	0.13	0.01	0.12
(16,583)	1:116:A:GLN:HB2	1:116:A:GLN:HE22	12	0.13	0.01	0.12
(16,583)	1:116:A:GLN:HB3	1:116:A:GLN:HE22	12	0.13	0.01	0.12
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD21	12	0.11	0.01	0.12
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD22	12	0.11	0.01	0.12
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD23	12	0.11	0.01	0.12
(30,1096)	1:31:A:PRO:HG2	1:143:A:TRP:HA	11	3.54	1.19	3.58
(30,1096)	1:31:A:PRO:HG3	1:143:A:TRP:HA	11	3.54	1.19	3.58
(2,1095)	1:31:A:PRO:HG2	1:143:A:TRP:HA	11	3.52	1.19	3.56
(2,1095)	1:31:A:PRO:HG3	1:143:A:TRP:HA	11	3.52	1.19	3.56
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD11	11	3.36	1.36	3.16
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD12	11	3.36	1.36	3.16
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD13	11	3.36	1.36	3.16
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD11	11	3.36	1.36	3.16
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD12	11	3.36	1.36	3.16
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD13	11	3.36	1.36	3.16
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD11	11	3.36	1.36	3.16
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD12	11	3.36	1.36	3.16
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD13	11	3.36	1.36	3.16
(3,1656)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	11	3.01	1.11	2.79
(3,1656)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	11	3.01	1.11	2.79
(11,1657)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	11	3.01	1.11	2.79
(11,1657)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	11	3.01	1.11	2.79
(16,1613)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	11	3.01	1.11	2.79
(16,1613)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	11	3.01	1.11	2.79
(33,1616)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	11	3.01	1.11	2.79
(33,1616)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	11	3.01	1.11	2.79
(5,1961)	1:10:A:ASN:HD21	1:14:A:VAL:HB	11	3.0	1.24	3.16
(5,1961)	1:10:A:ASN:HD22	1:14:A:VAL:HB	11	3.0	1.24	3.16
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	11	3.0	1.94	2.59
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	11	3.0	1.94	2.59
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	11	3.0	1.94	2.59
(17,1966)	1:10:A:ASN:HD21	1:14:A:VAL:HB	11	2.97	1.24	3.13
(17,1966)	1:10:A:ASN:HD22	1:14:A:VAL:HB	11	2.97	1.24	3.13
(3,1122)	1:31:A:PRO:HG2	1:143:A:TRP:HA	11	2.96	1.19	3.0
(3,1122)	1:31:A:PRO:HG3	1:143:A:TRP:HA	11	2.96	1.19	3.0
(17,1112)	1:31:A:PRO:HG2	1:143:A:TRP:HA	11	2.95	1.19	2.99
(17,1112)	1:31:A:PRO:HG3	1:143:A:TRP:HA	11	2.95	1.19	2.99
(1,1114)	1:31:A:PRO:HG2	1:143:A:TRP:HA	11	2.9	1.19	2.94
(1,1114)	1:31:A:PRO:HG3	1:143:A:TRP:HA	11	2.9	1.19	2.94
(17,556)	1:10:A:ASN:HD21	1:14:A:VAL:HB	11	2.89	1.25	2.84
(1,564)	1:10:A:ASN:HD21	1:14:A:VAL:HB	11	2.79	1.25	2.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,555)	1:10:A:ASN:HD21	1:14:A:VAL:HB	11	2.79	1.25	2.74
(7,560)	1:10:A:ASN:HD21	1:14:A:VAL:HB	11	2.79	1.25	2.74
(13,555)	1:10:A:ASN:HD21	1:14:A:VAL:HB	11	2.79	1.25	2.74
(16,566)	1:10:A:ASN:HD21	1:14:A:VAL:HB	11	2.79	1.25	2.74
(33,558)	1:10:A:ASN:HD21	1:14:A:VAL:HB	11	2.79	1.25	2.74
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	11	2.74	1.94	2.33
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	11	2.74	1.94	2.33
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	11	2.74	1.94	2.33
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	11	2.69	1.92	2.6
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	11	2.69	1.92	2.6
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	11	2.69	1.92	2.6
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	11	2.69	1.92	2.6
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	11	2.69	1.92	2.6
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	11	2.69	1.92	2.6
(6,1959)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	11	2.48	0.99	2.78
(6,1959)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	11	2.48	0.99	2.78
(6,1959)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	11	2.48	0.99	2.78
(6,1959)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	11	2.48	0.99	2.78
(32,1914)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	11	2.48	0.99	2.78
(32,1914)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	11	2.48	0.99	2.78
(32,1914)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	11	2.48	0.99	2.78
(32,1914)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	11	2.48	0.99	2.78
(1,1449)	1:31:A:PRO:HD3	1:143:A:TRP:HA	11	2.42	0.96	3.0
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD11	11	2.33	0.9	2.01
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD12	11	2.33	0.9	2.01
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD13	11	2.33	0.9	2.01
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD21	11	2.33	0.9	2.01
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD22	11	2.33	0.9	2.01
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD23	11	2.33	0.9	2.01
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD11	11	2.33	0.9	2.01
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD12	11	2.33	0.9	2.01
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD13	11	2.33	0.9	2.01
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD21	11	2.33	0.9	2.01
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD22	11	2.33	0.9	2.01
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD23	11	2.33	0.9	2.01
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD11	11	2.33	0.9	2.01
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD12	11	2.33	0.9	2.01
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD13	11	2.33	0.9	2.01
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD21	11	2.33	0.9	2.01
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD22	11	2.33	0.9	2.01
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD23	11	2.33	0.9	2.01
(18,931)	1:108:A:GLU:HG3	1:112:A:GLN:H	11	2.15	1.03	2.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1937)	1:10:A:ASN:HD21	1:15:A:ALA:H	11	2.04	0.73	2.39
(16,1937)	1:10:A:ASN:HD22	1:15:A:ALA:H	11	2.04	0.73	2.39
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	11	1.83	0.93	1.84
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	11	1.83	0.93	1.84
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	11	1.83	0.93	1.84
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	11	1.83	0.93	1.84
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	11	1.83	0.93	1.84
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	11	1.83	0.93	1.84
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	11	1.83	0.93	1.84
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	11	1.83	0.93	1.84
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	11	1.83	0.93	1.84
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	11	1.83	0.93	1.84
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	11	1.83	0.93	1.84
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	11	1.83	0.93	1.84
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	11	1.83	0.93	1.84
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	11	1.83	0.93	1.84
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	11	1.83	0.93	1.84
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	11	1.83	0.93	1.84
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	11	1.83	0.93	1.84
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	11	1.83	0.93	1.84
(5,1023)	1:27:A:ARG:HB3	1:29:A:LYS:HG2	11	1.81	0.57	1.91
(5,1023)	1:27:A:ARG:HB3	1:29:A:LYS:HG3	11	1.81	0.57	1.91
(5,1928)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	11	1.67	1.17	1.22
(5,1928)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	11	1.67	1.17	1.22
(6,1915)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	11	1.67	1.17	1.22
(6,1915)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	11	1.67	1.17	1.22
(18,1898)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	11	1.67	1.17	1.22
(18,1898)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	11	1.67	1.17	1.22
(3,1245)	1:34:A:LYS:H	1:81:A:GLU:HA	11	1.66	1.19	1.11
(15,1224)	1:34:A:LYS:H	1:81:A:GLU:HA	11	1.66	1.19	1.11
(16,1231)	1:34:A:LYS:H	1:81:A:GLU:HA	11	1.66	1.19	1.11
(30,1219)	1:34:A:LYS:H	1:81:A:GLU:HA	11	1.66	1.19	1.11
(32,1190)	1:34:A:LYS:H	1:81:A:GLU:HA	11	1.66	1.19	1.11
(34,1248)	1:34:A:LYS:H	1:81:A:GLU:HA	11	1.66	1.19	1.11
(6,1911)	1:18:A:PHE:HA	1:113:A:PHE:HE1	11	1.66	1.56	1.03
(6,1911)	1:18:A:PHE:HA	1:113:A:PHE:HE2	11	1.66	1.56	1.03
(4,841)	1:43:A:MET:HE1	1:131:A:LEU:HB3	11	1.63	1.05	1.56
(4,841)	1:43:A:MET:HE2	1:131:A:LEU:HB3	11	1.63	1.05	1.56
(4,841)	1:43:A:MET:HE3	1:131:A:LEU:HB3	11	1.63	1.05	1.56
(6,836)	1:43:A:MET:HE1	1:131:A:LEU:HB3	11	1.63	1.05	1.56
(6,836)	1:43:A:MET:HE2	1:131:A:LEU:HB3	11	1.63	1.05	1.56
(6,836)	1:43:A:MET:HE3	1:131:A:LEU:HB3	11	1.63	1.05	1.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,823)	1:43:A:MET:HE1	1:131:A:LEU:HB3	11	1.63	1.05	1.56
(32,823)	1:43:A:MET:HE2	1:131:A:LEU:HB3	11	1.63	1.05	1.56
(32,823)	1:43:A:MET:HE3	1:131:A:LEU:HB3	11	1.63	1.05	1.56
(9,965)	1:141:A:LYS:HB2	1:149:A:ALA:HA	11	1.58	1.13	1.34
(9,965)	1:141:A:LYS:HB3	1:149:A:ALA:HA	11	1.58	1.13	1.34
(3,1463)	1:31:A:PRO:HD3	1:144:A:LEU:HA	11	1.55	1.27	0.8
(5,1459)	1:31:A:PRO:HD3	1:144:A:LEU:HA	11	1.55	1.27	0.8
(11,1460)	1:31:A:PRO:HD3	1:144:A:LEU:HA	11	1.55	1.27	0.8
(16,1443)	1:31:A:PRO:HD3	1:144:A:LEU:HA	11	1.55	1.27	0.8
(29,1447)	1:31:A:PRO:HD3	1:144:A:LEU:HA	11	1.55	1.27	0.8
(6,1651)	1:134:A:VAL:HG11	1:137:A:SER:H	11	1.46	0.58	1.47
(6,1651)	1:134:A:VAL:HG12	1:137:A:SER:H	11	1.46	0.58	1.47
(6,1651)	1:134:A:VAL:HG13	1:137:A:SER:H	11	1.46	0.58	1.47
(33,1637)	1:134:A:VAL:HG11	1:137:A:SER:H	11	1.46	0.58	1.47
(33,1637)	1:134:A:VAL:HG12	1:137:A:SER:H	11	1.46	0.58	1.47
(33,1637)	1:134:A:VAL:HG13	1:137:A:SER:H	11	1.46	0.58	1.47
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	11	1.45	1.22	1.43
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	11	1.45	1.22	1.43
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	11	1.45	1.22	1.43
(7,995)	1:79:A:THR:HG21	1:81:A:GLU:HB2	11	1.44	0.47	1.29
(7,995)	1:79:A:THR:HG22	1:81:A:GLU:HB2	11	1.44	0.47	1.29
(7,995)	1:79:A:THR:HG23	1:81:A:GLU:HB2	11	1.44	0.47	1.29
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD11	11	1.43	0.88	1.26
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD12	11	1.43	0.88	1.26
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD13	11	1.43	0.88	1.26
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD21	11	1.43	0.88	1.26
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD22	11	1.43	0.88	1.26
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD23	11	1.43	0.88	1.26
(16,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	11	1.42	0.95	1.4
(16,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	11	1.42	0.95	1.4
(16,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	11	1.42	0.95	1.4
(16,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	11	1.42	0.95	1.4
(9,2002)	1:17:A:ASN:HD21	1:79:A:THR:H	11	1.39	1.49	0.73
(9,2002)	1:17:A:ASN:HD22	1:79:A:THR:H	11	1.39	1.49	0.73
(1,1709)	1:43:A:MET:HE1	1:131:A:LEU:HA	11	1.38	1.03	1.01
(1,1709)	1:43:A:MET:HE2	1:131:A:LEU:HA	11	1.38	1.03	1.01
(1,1709)	1:43:A:MET:HE3	1:131:A:LEU:HA	11	1.38	1.03	1.01
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE1	11	1.38	0.69	1.31
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE2	11	1.38	0.69	1.31
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE3	11	1.38	0.69	1.31
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE1	11	1.38	0.69	1.31
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE2	11	1.38	0.69	1.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE3	11	1.38	0.69	1.31
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE1	11	1.38	0.69	1.31
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE2	11	1.38	0.69	1.31
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE3	11	1.38	0.69	1.31
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE1	11	1.38	0.69	1.31
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE2	11	1.38	0.69	1.31
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE3	11	1.38	0.69	1.31
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE1	11	1.38	0.69	1.31
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE2	11	1.38	0.69	1.31
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE3	11	1.38	0.69	1.31
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE1	11	1.38	0.69	1.31
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE2	11	1.38	0.69	1.31
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE3	11	1.38	0.69	1.31
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE1	11	1.38	0.69	1.31
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE2	11	1.38	0.69	1.31
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE3	11	1.38	0.69	1.31
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE1	11	1.38	0.69	1.31
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE2	11	1.38	0.69	1.31
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE3	11	1.38	0.69	1.31
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE1	11	1.38	0.69	1.31
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE2	11	1.38	0.69	1.31
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE3	11	1.38	0.69	1.31
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE1	11	1.38	0.69	1.31
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE2	11	1.38	0.69	1.31
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE3	11	1.38	0.69	1.31
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE1	11	1.38	0.69	1.31
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE2	11	1.38	0.69	1.31
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE3	11	1.38	0.69	1.31
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE1	11	1.38	0.69	1.31
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE2	11	1.38	0.69	1.31
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE3	11	1.38	0.69	1.31
(3,1847)	1:9:A:PHE:HZ	1:54:A:ARG:HE	11	1.36	0.87	1.53
(5,755)	1:32:A:GLY:HA2	1:34:A:LYS:H	11	1.36	0.97	0.96
(32,1784)	1:9:A:PHE:HZ	1:54:A:ARG:HE	11	1.36	0.87	1.53
(16,2070)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	11	1.35	0.91	1.1
(16,2070)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	11	1.35	0.91	1.1
(16,2070)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	11	1.35	0.91	1.1
(16,2070)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	11	1.35	0.91	1.1
(3,1228)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	11	1.34	0.62	1.2
(3,1228)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	11	1.34	0.62	1.2
(3,1228)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	11	1.34	0.62	1.2
(3,1228)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	11	1.34	0.62	1.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,1228)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	11	1.34	0.62	1.2
(3,1228)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	11	1.34	0.62	1.2
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG11	11	1.33	0.91	1.03
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG12	11	1.33	0.91	1.03
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG13	11	1.33	0.91	1.03
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG21	11	1.33	0.91	1.03
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG22	11	1.33	0.91	1.03
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG23	11	1.33	0.91	1.03
(3,2086)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	11	1.33	0.91	1.08
(3,2086)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	11	1.33	0.91	1.08
(3,2086)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	11	1.33	0.91	1.08
(3,2086)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	11	1.33	0.91	1.08
(3,2045)	1:17:A:ASN:HD21	1:79:A:THR:H	11	1.32	1.49	0.66
(3,2045)	1:17:A:ASN:HD22	1:79:A:THR:H	11	1.32	1.49	0.66
(18,1026)	1:79:A:THR:HG21	1:81:A:GLU:HB2	11	1.32	0.47	1.17
(18,1026)	1:79:A:THR:HG22	1:81:A:GLU:HB2	11	1.32	0.47	1.17
(18,1026)	1:79:A:THR:HG23	1:81:A:GLU:HB2	11	1.32	0.47	1.17
(13,1931)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	11	1.32	0.66	1.36
(13,1931)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	11	1.32	0.66	1.36
(13,1931)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	11	1.32	0.66	1.36
(13,1931)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	11	1.32	0.66	1.36
(13,1931)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	11	1.32	0.66	1.36
(13,1931)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	11	1.32	0.66	1.36
(13,1931)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	11	1.32	0.66	1.36
(13,1931)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	11	1.32	0.66	1.36
(13,1931)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	11	1.32	0.66	1.36
(13,1931)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	11	1.32	0.66	1.36
(13,1931)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	11	1.32	0.66	1.36
(13,1931)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	11	1.32	0.66	1.36
(18,1970)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	11	1.32	0.66	1.36
(18,1970)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	11	1.32	0.66	1.36
(18,1970)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	11	1.32	0.66	1.36
(18,1970)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	11	1.32	0.66	1.36
(18,1970)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	11	1.32	0.66	1.36
(18,1970)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	11	1.32	0.66	1.36
(18,1970)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	11	1.32	0.66	1.36
(18,1970)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	11	1.32	0.66	1.36
(18,1970)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	11	1.32	0.66	1.36
(18,1970)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	11	1.32	0.66	1.36
(18,1970)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	11	1.32	0.66	1.36
(18,1970)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	11	1.32	0.66	1.36
(29,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	11	1.32	0.66	1.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	11	1.32	0.66	1.36
(29,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	11	1.32	0.66	1.36
(29,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	11	1.32	0.66	1.36
(29,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	11	1.32	0.66	1.36
(29,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	11	1.32	0.66	1.36
(29,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	11	1.32	0.66	1.36
(29,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	11	1.32	0.66	1.36
(29,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	11	1.32	0.66	1.36
(29,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	11	1.32	0.66	1.36
(29,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	11	1.32	0.66	1.36
(29,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	11	1.32	0.66	1.36
(34,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	11	1.32	0.66	1.36
(34,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	11	1.32	0.66	1.36
(34,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	11	1.32	0.66	1.36
(34,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	11	1.32	0.66	1.36
(34,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	11	1.32	0.66	1.36
(34,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	11	1.32	0.66	1.36
(34,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	11	1.32	0.66	1.36
(34,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	11	1.32	0.66	1.36
(34,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	11	1.32	0.66	1.36
(34,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	11	1.32	0.66	1.36
(34,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	11	1.32	0.66	1.36
(34,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	11	1.32	0.66	1.36
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG11	11	1.31	0.91	1.01
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG12	11	1.31	0.91	1.01
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG13	11	1.31	0.91	1.01
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG21	11	1.31	0.91	1.01
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG22	11	1.31	0.91	1.01
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG23	11	1.31	0.91	1.01
(11,1968)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	11	1.31	0.78	1.36
(11,1968)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	11	1.31	0.78	1.36
(11,1968)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	11	1.31	0.78	1.36
(11,1968)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	11	1.31	0.78	1.36
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE1	11	1.3	0.69	1.23
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE2	11	1.3	0.69	1.23
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE3	11	1.3	0.69	1.23
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE1	11	1.3	0.69	1.23
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE2	11	1.3	0.69	1.23
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE3	11	1.3	0.69	1.23
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE1	11	1.3	0.69	1.23
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE2	11	1.3	0.69	1.23
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE3	11	1.3	0.69	1.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	11	1.29	0.66	1.33
(11,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	11	1.29	0.66	1.33
(11,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	11	1.29	0.66	1.33
(11,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	11	1.29	0.66	1.33
(11,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	11	1.29	0.66	1.33
(11,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	11	1.29	0.66	1.33
(11,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	11	1.29	0.66	1.33
(11,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	11	1.29	0.66	1.33
(11,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	11	1.29	0.66	1.33
(11,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	11	1.29	0.66	1.33
(11,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	11	1.29	0.66	1.33
(11,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	11	1.29	0.66	1.33
(16,1473)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	11	1.29	0.84	1.18
(17,1497)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	11	1.29	0.84	1.18
(34,1490)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	11	1.29	0.84	1.18
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG11	11	1.29	1.09	1.14
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG12	11	1.29	1.09	1.14
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG13	11	1.29	1.09	1.14
(3,63)	1:34:A:LYS:H	1:81:A:GLU:H	11	1.28	1.01	1.1
(16,59)	1:34:A:LYS:H	1:81:A:GLU:H	11	1.28	1.01	1.1
(32,57)	1:34:A:LYS:H	1:81:A:GLU:H	11	1.28	1.01	1.1
(34,60)	1:34:A:LYS:H	1:81:A:GLU:H	11	1.28	1.01	1.1
(6,1980)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	11	1.28	0.66	1.32
(6,1980)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	11	1.28	0.66	1.32
(6,1980)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	11	1.28	0.66	1.32
(6,1980)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	11	1.28	0.66	1.32
(6,1980)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	11	1.28	0.66	1.32
(6,1980)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	11	1.28	0.66	1.32
(6,1980)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	11	1.28	0.66	1.32
(6,1980)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	11	1.28	0.66	1.32
(6,1980)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	11	1.28	0.66	1.32
(6,1980)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	11	1.28	0.66	1.32
(6,1980)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	11	1.28	0.66	1.32
(6,1980)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	11	1.28	0.66	1.32
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE1	11	1.23	0.69	1.16
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE2	11	1.23	0.69	1.16
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE3	11	1.23	0.69	1.16
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE1	11	1.23	0.69	1.16
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE2	11	1.23	0.69	1.16
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE3	11	1.23	0.69	1.16
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE1	11	1.23	0.69	1.16
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE2	11	1.23	0.69	1.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE3	11	1.23	0.69	1.16
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	11	1.23	0.84	0.91
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	11	1.23	0.84	0.91
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	11	1.23	0.84	0.91
(13,2468)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	11	1.22	0.64	0.8
(13,2468)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	11	1.22	0.64	0.8
(13,2468)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	11	1.22	0.64	0.8
(13,2468)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	11	1.22	0.64	0.8
(16,2491)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	11	1.22	0.64	0.8
(16,2491)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	11	1.22	0.64	0.8
(16,2491)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	11	1.22	0.64	0.8
(16,2491)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	11	1.22	0.64	0.8
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	11	1.22	0.81	1.48
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	11	1.22	0.81	1.48
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	11	1.22	0.81	1.48
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	11	1.22	0.81	1.48
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	11	1.22	0.81	1.48
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	11	1.22	0.81	1.48
(3,235)	1:40:A:LEU:HD11	1:44:A:GLU:H	11	1.21	0.49	1.17
(3,235)	1:40:A:LEU:HD12	1:44:A:GLU:H	11	1.21	0.49	1.17
(3,235)	1:40:A:LEU:HD13	1:44:A:GLU:H	11	1.21	0.49	1.17
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD21	11	1.21	0.64	1.27
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD22	11	1.21	0.64	1.27
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD23	11	1.21	0.64	1.27
(33,1343)	1:105:A:LYS:HG2	1:106:A:ASP:HA	11	1.18	0.33	1.18
(7,954)	1:11:A:ILE:HG12	1:14:A:VAL:HB	11	1.15	0.89	1.12
(3,1974)	1:10:A:ASN:HD21	1:81:A:GLU:H	11	1.14	0.54	0.85
(3,1974)	1:10:A:ASN:HD22	1:81:A:GLU:H	11	1.14	0.54	0.85
(4,1929)	1:10:A:ASN:HD21	1:81:A:GLU:H	11	1.14	0.54	0.85
(4,1929)	1:10:A:ASN:HD22	1:81:A:GLU:H	11	1.14	0.54	0.85
(6,1958)	1:10:A:ASN:HD21	1:81:A:GLU:H	11	1.14	0.54	0.85
(6,1958)	1:10:A:ASN:HD22	1:81:A:GLU:H	11	1.14	0.54	0.85
(18,1946)	1:10:A:ASN:HD21	1:81:A:GLU:H	11	1.14	0.54	0.85
(18,1946)	1:10:A:ASN:HD22	1:81:A:GLU:H	11	1.14	0.54	0.85
(32,1913)	1:10:A:ASN:HD21	1:81:A:GLU:H	11	1.14	0.54	0.85
(32,1913)	1:10:A:ASN:HD22	1:81:A:GLU:H	11	1.14	0.54	0.85
(33,1944)	1:10:A:ASN:HD21	1:81:A:GLU:H	11	1.14	0.54	0.85
(33,1944)	1:10:A:ASN:HD22	1:81:A:GLU:H	11	1.14	0.54	0.85
(16,1121)	1:146:A:GLN:HA	1:147:A:ARG:HG2	11	1.13	0.56	1.08
(16,1121)	1:146:A:GLN:HA	1:147:A:ARG:HG3	11	1.13	0.56	1.08
(15,844)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	11	1.11	0.32	1.13
(18,849)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	11	1.11	0.32	1.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD11	11	1.1	0.73	0.81
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD12	11	1.1	0.73	0.81
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD13	11	1.1	0.73	0.81
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD21	11	1.1	0.73	0.81
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD22	11	1.1	0.73	0.81
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD23	11	1.1	0.73	0.81
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD11	11	1.1	0.73	0.81
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD12	11	1.1	0.73	0.81
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD13	11	1.1	0.73	0.81
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD21	11	1.1	0.73	0.81
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD22	11	1.1	0.73	0.81
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD23	11	1.1	0.73	0.81
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD11	11	1.1	0.73	0.81
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD12	11	1.1	0.73	0.81
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD13	11	1.1	0.73	0.81
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD21	11	1.1	0.73	0.81
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD22	11	1.1	0.73	0.81
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD23	11	1.1	0.73	0.81
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD11	11	1.1	0.73	0.81
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD12	11	1.1	0.73	0.81
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD13	11	1.1	0.73	0.81
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD21	11	1.1	0.73	0.81
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD22	11	1.1	0.73	0.81
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD23	11	1.1	0.73	0.81
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD11	11	1.1	0.73	0.81
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD12	11	1.1	0.73	0.81
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD13	11	1.1	0.73	0.81
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD21	11	1.1	0.73	0.81
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD22	11	1.1	0.73	0.81
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD23	11	1.1	0.73	0.81
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD11	11	1.1	0.73	0.81
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD12	11	1.1	0.73	0.81
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD13	11	1.1	0.73	0.81
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD21	11	1.1	0.73	0.81
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD22	11	1.1	0.73	0.81
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD23	11	1.1	0.73	0.81
(16,107)	1:69:A:MET:H	1:70:A:LYS:HG2	11	1.09	0.65	1.04
(17,107)	1:69:A:MET:H	1:70:A:LYS:HG2	11	1.09	0.65	1.04
(34,111)	1:69:A:MET:H	1:70:A:LYS:HG2	11	1.09	0.65	1.04
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	11	1.08	0.63	0.99
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	11	1.08	0.63	0.99
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	11	1.08	0.63	0.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	11	1.08	0.63	0.99
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	11	1.08	0.63	0.99
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	11	1.08	0.63	0.99
(4,225)	1:44:A:GLU:HG3	1:48:A:ARG:H	11	1.07	0.63	1.16
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE1	11	1.07	0.69	1.0
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE2	11	1.07	0.69	1.0
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE3	11	1.07	0.69	1.0
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE1	11	1.07	0.69	1.0
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE2	11	1.07	0.69	1.0
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE3	11	1.07	0.69	1.0
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE1	11	1.07	0.69	1.0
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE2	11	1.07	0.69	1.0
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE3	11	1.07	0.69	1.0
(6,230)	1:44:A:GLU:HG3	1:48:A:ARG:H	11	1.07	0.63	1.16
(7,233)	1:44:A:GLU:HG3	1:48:A:ARG:H	11	1.07	0.63	1.16
(15,1887)	1:35:A:LEU:HG	1:80:A:TYR:HE1	11	1.06	0.57	1.25
(15,1887)	1:35:A:LEU:HG	1:80:A:TYR:HE2	11	1.06	0.57	1.25
(30,1912)	1:35:A:LEU:HG	1:80:A:TYR:HE1	11	1.06	0.57	1.25
(30,1912)	1:35:A:LEU:HG	1:80:A:TYR:HE2	11	1.06	0.57	1.25
(2,2057)	1:23:A:LEU:HD11	1:26:A:ASP:HA	11	1.05	0.47	1.36
(2,2057)	1:23:A:LEU:HD12	1:26:A:ASP:HA	11	1.05	0.47	1.36
(2,2057)	1:23:A:LEU:HD13	1:26:A:ASP:HA	11	1.05	0.47	1.36
(2,2057)	1:23:A:LEU:HD21	1:26:A:ASP:HA	11	1.05	0.47	1.36
(2,2057)	1:23:A:LEU:HD22	1:26:A:ASP:HA	11	1.05	0.47	1.36
(2,2057)	1:23:A:LEU:HD23	1:26:A:ASP:HA	11	1.05	0.47	1.36
(11,2055)	1:23:A:LEU:HD11	1:26:A:ASP:HA	11	1.05	0.47	1.36
(11,2055)	1:23:A:LEU:HD12	1:26:A:ASP:HA	11	1.05	0.47	1.36
(11,2055)	1:23:A:LEU:HD13	1:26:A:ASP:HA	11	1.05	0.47	1.36
(11,2055)	1:23:A:LEU:HD21	1:26:A:ASP:HA	11	1.05	0.47	1.36
(11,2055)	1:23:A:LEU:HD22	1:26:A:ASP:HA	11	1.05	0.47	1.36
(11,2055)	1:23:A:LEU:HD23	1:26:A:ASP:HA	11	1.05	0.47	1.36
(32,2007)	1:23:A:LEU:HD11	1:26:A:ASP:HA	11	1.05	0.47	1.36
(32,2007)	1:23:A:LEU:HD12	1:26:A:ASP:HA	11	1.05	0.47	1.36
(32,2007)	1:23:A:LEU:HD13	1:26:A:ASP:HA	11	1.05	0.47	1.36
(32,2007)	1:23:A:LEU:HD21	1:26:A:ASP:HA	11	1.05	0.47	1.36
(32,2007)	1:23:A:LEU:HD22	1:26:A:ASP:HA	11	1.05	0.47	1.36
(32,2007)	1:23:A:LEU:HD23	1:26:A:ASP:HA	11	1.05	0.47	1.36
(33,2040)	1:23:A:LEU:HD11	1:26:A:ASP:HA	11	1.05	0.47	1.36
(33,2040)	1:23:A:LEU:HD12	1:26:A:ASP:HA	11	1.05	0.47	1.36
(33,2040)	1:23:A:LEU:HD13	1:26:A:ASP:HA	11	1.05	0.47	1.36
(33,2040)	1:23:A:LEU:HD21	1:26:A:ASP:HA	11	1.05	0.47	1.36
(33,2040)	1:23:A:LEU:HD22	1:26:A:ASP:HA	11	1.05	0.47	1.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,2040)	1:23:A:LEU:HD23	1:26:A:ASP:HA	11	1.05	0.47	1.36
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD21	11	1.04	0.66	1.19
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD22	11	1.04	0.66	1.19
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD23	11	1.04	0.66	1.19
(3,2252)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	11	1.03	0.4	1.13
(3,2252)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	11	1.03	0.4	1.13
(3,2252)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	11	1.03	0.4	1.13
(3,2252)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	11	1.03	0.4	1.13
(3,262)	1:27:A:ARG:HB3	1:29:A:LYS:H	11	1.03	0.79	0.81
(9,269)	1:27:A:ARG:HB3	1:29:A:LYS:H	11	1.03	0.79	0.81
(13,262)	1:27:A:ARG:HB3	1:29:A:LYS:H	11	1.03	0.79	0.81
(29,263)	1:27:A:ARG:HB3	1:29:A:LYS:H	11	1.03	0.79	0.81
(4,940)	1:11:A:ILE:HD11	1:12:A:VAL:HA	11	1.02	0.74	0.63
(4,940)	1:11:A:ILE:HD12	1:12:A:VAL:HA	11	1.02	0.74	0.63
(4,940)	1:11:A:ILE:HD13	1:12:A:VAL:HA	11	1.02	0.74	0.63
(16,884)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	11	1.02	0.71	0.92
(16,884)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	11	1.02	0.71	0.92
(34,876)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	11	1.01	0.44	1.02
(34,876)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	11	1.01	0.44	1.02
(34,876)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	11	1.01	0.44	1.02
(30,1844)	1:13:A:ALA:HA	1:80:A:TYR:HE1	11	1.0	0.48	0.89
(30,1844)	1:13:A:ALA:HA	1:80:A:TYR:HE2	11	1.0	0.48	0.89
(11,2073)	1:32:A:GLY:HA2	1:34:A:LYS:H	11	1.0	0.71	0.79
(11,2073)	1:32:A:GLY:HA3	1:34:A:LYS:H	11	1.0	0.71	0.79
(16,2069)	1:32:A:GLY:HA2	1:34:A:LYS:H	11	1.0	0.71	0.79
(16,2069)	1:32:A:GLY:HA3	1:34:A:LYS:H	11	1.0	0.71	0.79
(29,2077)	1:32:A:GLY:HA2	1:34:A:LYS:H	11	1.0	0.71	0.79
(29,2077)	1:32:A:GLY:HA3	1:34:A:LYS:H	11	1.0	0.71	0.79
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	11	0.99	0.6	0.97
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	11	0.99	0.6	0.97
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	11	0.99	0.6	0.97
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	11	0.99	0.6	0.97
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	11	0.99	0.6	0.97
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	11	0.99	0.6	0.97
(1,968)	1:11:A:ILE:HD11	1:12:A:VAL:HA	11	0.98	0.74	0.59
(1,968)	1:11:A:ILE:HD12	1:12:A:VAL:HA	11	0.98	0.74	0.59
(1,968)	1:11:A:ILE:HD13	1:12:A:VAL:HA	11	0.98	0.74	0.59
(7,934)	1:11:A:ILE:HD11	1:12:A:VAL:HA	11	0.98	0.74	0.59
(7,934)	1:11:A:ILE:HD12	1:12:A:VAL:HA	11	0.98	0.74	0.59
(7,934)	1:11:A:ILE:HD13	1:12:A:VAL:HA	11	0.98	0.74	0.59
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	11	0.98	0.38	1.18
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	11	0.98	0.38	1.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	11	0.98	0.38	1.18
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	11	0.98	0.38	1.18
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	11	0.98	0.38	1.18
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	11	0.98	0.38	1.18
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD11	11	0.97	0.62	0.92
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD12	11	0.97	0.62	0.92
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD13	11	0.97	0.62	0.92
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD21	11	0.97	0.62	0.92
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD22	11	0.97	0.62	0.92
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD23	11	0.97	0.62	0.92
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD11	11	0.97	0.62	0.92
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD12	11	0.97	0.62	0.92
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD13	11	0.97	0.62	0.92
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD21	11	0.97	0.62	0.92
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD22	11	0.97	0.62	0.92
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD23	11	0.97	0.62	0.92
(13,928)	1:11:A:ILE:HD11	1:12:A:VAL:HA	11	0.96	0.74	0.57
(13,928)	1:11:A:ILE:HD12	1:12:A:VAL:HA	11	0.96	0.74	0.57
(13,928)	1:11:A:ILE:HD13	1:12:A:VAL:HA	11	0.96	0.74	0.57
(15,14)	1:64:A:LYS:H	1:116:A:GLN:HG2	11	0.96	0.58	0.82
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	11	0.96	0.58	0.9
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	11	0.96	0.58	0.9
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	11	0.96	0.58	0.9
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	11	0.96	0.58	0.9
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	11	0.96	0.58	0.9
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	11	0.96	0.58	0.9
(4,1483)	1:43:A:MET:HE1	1:46:A:ASN:HD22	11	0.95	0.5	1.18
(4,1483)	1:43:A:MET:HE2	1:46:A:ASN:HD22	11	0.95	0.5	1.18
(4,1483)	1:43:A:MET:HE3	1:46:A:ASN:HD22	11	0.95	0.5	1.18
(11,2094)	1:35:A:LEU:HD11	1:143:A:TRP:HA	11	0.95	0.59	0.9
(11,2094)	1:35:A:LEU:HD12	1:143:A:TRP:HA	11	0.95	0.59	0.9
(11,2094)	1:35:A:LEU:HD13	1:143:A:TRP:HA	11	0.95	0.59	0.9
(11,2094)	1:35:A:LEU:HD21	1:143:A:TRP:HA	11	0.95	0.59	0.9
(11,2094)	1:35:A:LEU:HD22	1:143:A:TRP:HA	11	0.95	0.59	0.9
(11,2094)	1:35:A:LEU:HD23	1:143:A:TRP:HA	11	0.95	0.59	0.9
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	11	0.95	0.67	0.71
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	11	0.95	0.67	0.71
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	11	0.95	0.67	0.71
(5,367)	1:41:A:LYS:H	1:44:A:GLU:HG3	11	0.94	0.63	0.72
(15,487)	1:147:A:ARG:HD2	1:148:A:CYS:H	11	0.94	0.28	1.01
(15,487)	1:147:A:ARG:HD3	1:148:A:CYS:H	11	0.94	0.28	1.01
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	11	0.94	0.67	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	11	0.94	0.67	0.7
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	11	0.94	0.67	0.7
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	11	0.94	0.59	0.6
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	11	0.94	0.59	0.6
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	11	0.94	0.59	0.6
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	11	0.94	0.59	0.6
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	11	0.94	0.59	0.6
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	11	0.94	0.59	0.6
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	11	0.94	0.59	0.6
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	11	0.94	0.59	0.6
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	11	0.94	0.59	0.6
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	11	0.94	0.59	0.6
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	11	0.94	0.59	0.6
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	11	0.94	0.59	0.6
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	11	0.94	0.59	0.6
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	11	0.94	0.59	0.6
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	11	0.94	0.59	0.6
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	11	0.94	0.59	0.6
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	11	0.94	0.59	0.6
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	11	0.94	0.59	0.6
(5,1025)	1:113:A:PHE:HA	1:116:A:GLN:HG3	11	0.94	0.46	0.69
(29,1035)	1:113:A:PHE:HA	1:116:A:GLN:HG3	11	0.94	0.46	0.69
(7,574)	1:11:A:ILE:HD11	1:16:A:SER:H	11	0.93	0.64	0.59
(7,574)	1:11:A:ILE:HD12	1:16:A:SER:H	11	0.93	0.64	0.59
(7,574)	1:11:A:ILE:HD13	1:16:A:SER:H	11	0.93	0.64	0.59
(33,572)	1:11:A:ILE:HD11	1:16:A:SER:H	11	0.93	0.64	0.59
(33,572)	1:11:A:ILE:HD12	1:16:A:SER:H	11	0.93	0.64	0.59
(33,572)	1:11:A:ILE:HD13	1:16:A:SER:H	11	0.93	0.64	0.59
(16,2239)	1:69:A:MET:HG2	1:76:A:ARG:HB3	11	0.92	0.49	0.92
(16,2239)	1:69:A:MET:HG3	1:76:A:ARG:HB3	11	0.92	0.49	0.92
(18,1606)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	11	0.91	0.41	1.07
(18,1606)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	11	0.91	0.41	1.07
(18,1606)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	11	0.91	0.41	1.07
(18,1606)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	11	0.91	0.41	1.07
(18,1606)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	11	0.91	0.41	1.07
(18,1606)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	11	0.91	0.41	1.07
(3,1939)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	11	0.9	0.26	0.96
(4,1889)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	11	0.9	0.26	0.96
(15,1890)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	11	0.9	0.26	0.96
(17,1929)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	11	0.9	0.26	0.96
(33,1913)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	11	0.9	0.26	0.96
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	11	0.9	0.61	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	11	0.9	0.61	0.67
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	11	0.9	0.61	0.67
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	11	0.9	0.61	0.67
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	11	0.9	0.61	0.67
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	11	0.9	0.61	0.67
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	11	0.9	0.61	0.67
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	11	0.9	0.61	0.67
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	11	0.9	0.61	0.67
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	11	0.9	0.61	0.67
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	11	0.9	0.61	0.67
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	11	0.9	0.61	0.67
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	11	0.9	0.61	0.67
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	11	0.9	0.61	0.67
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	11	0.9	0.61	0.67
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	11	0.9	0.61	0.67
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	11	0.9	0.61	0.67
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	11	0.9	0.61	0.67
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	11	0.89	0.59	0.72
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	11	0.89	0.59	0.72
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	11	0.89	0.59	0.72
(16,2090)	1:35:A:LEU:HD11	1:143:A:TRP:HA	11	0.89	0.59	0.84
(16,2090)	1:35:A:LEU:HD12	1:143:A:TRP:HA	11	0.89	0.59	0.84
(16,2090)	1:35:A:LEU:HD13	1:143:A:TRP:HA	11	0.89	0.59	0.84
(16,2090)	1:35:A:LEU:HD21	1:143:A:TRP:HA	11	0.89	0.59	0.84
(16,2090)	1:35:A:LEU:HD22	1:143:A:TRP:HA	11	0.89	0.59	0.84
(16,2090)	1:35:A:LEU:HD23	1:143:A:TRP:HA	11	0.89	0.59	0.84
(3,1999)	1:12:A:VAL:HG11	1:43:A:MET:H	11	0.89	0.49	0.55
(3,1999)	1:12:A:VAL:HG12	1:43:A:MET:H	11	0.89	0.49	0.55
(3,1999)	1:12:A:VAL:HG13	1:43:A:MET:H	11	0.89	0.49	0.55
(3,1999)	1:12:A:VAL:HG21	1:43:A:MET:H	11	0.89	0.49	0.55
(3,1999)	1:12:A:VAL:HG22	1:43:A:MET:H	11	0.89	0.49	0.55
(3,1999)	1:12:A:VAL:HG23	1:43:A:MET:H	11	0.89	0.49	0.55
(6,1618)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	11	0.88	0.41	1.04
(6,1618)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	11	0.88	0.41	1.04
(6,1618)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	11	0.88	0.41	1.04
(6,1618)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	11	0.88	0.41	1.04
(6,1618)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	11	0.88	0.41	1.04
(6,1618)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	11	0.88	0.41	1.04
(11,1651)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	11	0.88	0.41	1.04
(11,1651)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	11	0.88	0.41	1.04
(11,1651)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	11	0.88	0.41	1.04
(11,1651)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	11	0.88	0.41	1.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,1651)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	11	0.88	0.41	1.04
(11,1651)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	11	0.88	0.41	1.04
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	11	0.88	0.59	0.71
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	11	0.88	0.59	0.71
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	11	0.88	0.59	0.71
(5,839)	1:45:A:ALA:H	1:48:A:ARG:HD2	11	0.86	0.36	0.82
(5,839)	1:45:A:ALA:H	1:48:A:ARG:HD3	11	0.86	0.36	0.82
(11,839)	1:45:A:ALA:H	1:48:A:ARG:HD2	11	0.86	0.36	0.82
(11,839)	1:45:A:ALA:H	1:48:A:ARG:HD3	11	0.86	0.36	0.82
(15,842)	1:45:A:ALA:H	1:48:A:ARG:HD2	11	0.86	0.36	0.82
(15,842)	1:45:A:ALA:H	1:48:A:ARG:HD3	11	0.86	0.36	0.82
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD11	11	0.83	0.28	0.79
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD12	11	0.83	0.28	0.79
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD13	11	0.83	0.28	0.79
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD21	11	0.83	0.28	0.79
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD22	11	0.83	0.28	0.79
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD23	11	0.83	0.28	0.79
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD11	11	0.83	0.28	0.79
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD12	11	0.83	0.28	0.79
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD13	11	0.83	0.28	0.79
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD21	11	0.83	0.28	0.79
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD22	11	0.83	0.28	0.79
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD23	11	0.83	0.28	0.79
(11,1822)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	11	0.81	0.47	0.9
(11,1822)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	11	0.81	0.47	0.9
(11,1822)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	11	0.81	0.47	0.9
(11,1822)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	11	0.81	0.47	0.9
(11,1822)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	11	0.81	0.47	0.9
(11,1822)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	11	0.81	0.47	0.9
(11,2093)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	11	0.8	0.45	0.86
(11,2093)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	11	0.8	0.45	0.86
(11,2093)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	11	0.8	0.45	0.86
(11,2093)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	11	0.8	0.45	0.86
(11,2093)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	11	0.8	0.45	0.86
(11,2093)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	11	0.8	0.45	0.86
(11,2093)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	11	0.8	0.45	0.86
(11,2093)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	11	0.8	0.45	0.86
(11,2093)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	11	0.8	0.45	0.86
(11,2093)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	11	0.8	0.45	0.86
(11,2093)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	11	0.8	0.45	0.86
(11,2093)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	11	0.8	0.45	0.86
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE1	11	0.79	0.44	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE2	11	0.79	0.44	0.66
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE3	11	0.79	0.44	0.66
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE1	11	0.79	0.44	0.66
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE2	11	0.79	0.44	0.66
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE3	11	0.79	0.44	0.66
(2,1369)	1:39:A:VAL:HG11	1:144:A:LEU:H	11	0.79	0.34	0.74
(2,1369)	1:39:A:VAL:HG12	1:144:A:LEU:H	11	0.79	0.34	0.74
(2,1369)	1:39:A:VAL:HG13	1:144:A:LEU:H	11	0.79	0.34	0.74
(11,324)	1:44:A:GLU:HG2	1:46:A:ASN:H	11	0.74	0.46	0.79
(29,2259)	1:74:A:PRO:HA	1:77:A:CYS:HB2	11	0.73	0.44	0.67
(29,2259)	1:74:A:PRO:HA	1:77:A:CYS:HB3	11	0.73	0.44	0.67
(34,2264)	1:74:A:PRO:HA	1:77:A:CYS:HB2	11	0.73	0.44	0.67
(34,2264)	1:74:A:PRO:HA	1:77:A:CYS:HB3	11	0.73	0.44	0.67
(3,381)	1:40:A:LEU:HD11	1:41:A:LYS:H	11	0.72	0.16	0.78
(3,381)	1:40:A:LEU:HD12	1:41:A:LYS:H	11	0.72	0.16	0.78
(3,381)	1:40:A:LEU:HD13	1:41:A:LYS:H	11	0.72	0.16	0.78
(1,1861)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	11	0.71	0.6	0.54
(1,1861)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	11	0.71	0.6	0.54
(1,1861)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	11	0.71	0.6	0.54
(1,1861)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	11	0.71	0.6	0.54
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG21	11	0.69	0.43	0.55
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG22	11	0.69	0.43	0.55
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG23	11	0.69	0.43	0.55
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG21	11	0.69	0.43	0.55
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG22	11	0.69	0.43	0.55
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG23	11	0.69	0.43	0.55
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG21	11	0.69	0.43	0.55
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG22	11	0.69	0.43	0.55
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG23	11	0.69	0.43	0.55
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG21	11	0.69	0.43	0.55
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG22	11	0.69	0.43	0.55
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG23	11	0.69	0.43	0.55
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG21	11	0.69	0.43	0.55
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG22	11	0.69	0.43	0.55
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG23	11	0.69	0.43	0.55
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG21	11	0.69	0.43	0.55
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG22	11	0.69	0.43	0.55
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG23	11	0.69	0.43	0.55
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG21	11	0.69	0.43	0.55
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG22	11	0.69	0.43	0.55
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG23	11	0.69	0.43	0.55
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG21	11	0.69	0.43	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG22	11	0.69	0.43	0.55
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG23	11	0.69	0.43	0.55
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG21	11	0.69	0.43	0.55
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG22	11	0.69	0.43	0.55
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG23	11	0.69	0.43	0.55
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG21	11	0.69	0.43	0.55
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG22	11	0.69	0.43	0.55
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG23	11	0.69	0.43	0.55
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG21	11	0.69	0.43	0.55
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG22	11	0.69	0.43	0.55
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG23	11	0.69	0.43	0.55
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG21	11	0.69	0.43	0.55
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG22	11	0.69	0.43	0.55
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG23	11	0.69	0.43	0.55
(6,1777)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	11	0.69	0.39	0.5
(6,1777)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	11	0.69	0.39	0.5
(6,1777)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	11	0.69	0.39	0.5
(6,1777)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	11	0.69	0.39	0.5
(15,1759)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	11	0.69	0.39	0.5
(15,1759)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	11	0.69	0.39	0.5
(15,1759)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	11	0.69	0.39	0.5
(15,1759)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	11	0.69	0.39	0.5
(33,1767)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	11	0.69	0.39	0.5
(33,1767)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	11	0.69	0.39	0.5
(33,1767)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	11	0.69	0.39	0.5
(33,1767)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	11	0.69	0.39	0.5
(34,1784)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	11	0.69	0.39	0.5
(34,1784)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	11	0.69	0.39	0.5
(34,1784)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	11	0.69	0.39	0.5
(34,1784)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	11	0.69	0.39	0.5
(32,1869)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	11	0.68	0.41	0.54
(32,1869)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	11	0.68	0.41	0.54
(32,1869)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	11	0.68	0.41	0.54
(32,1869)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	11	0.68	0.41	0.54
(13,1891)	1:9:A:PHE:HE1	1:54:A:ARG:HB2	11	0.68	0.29	0.65
(13,1891)	1:9:A:PHE:HE1	1:54:A:ARG:HB3	11	0.68	0.29	0.65
(13,1891)	1:9:A:PHE:HE2	1:54:A:ARG:HB2	11	0.68	0.29	0.65
(13,1891)	1:9:A:PHE:HE2	1:54:A:ARG:HB3	11	0.68	0.29	0.65
(3,1928)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	11	0.67	0.42	0.65
(3,1928)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	11	0.67	0.42	0.65
(18,1892)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	11	0.67	0.42	0.65
(18,1892)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	11	0.67	0.42	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,1920)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	11	0.67	0.42	0.65
(29,1920)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	11	0.67	0.42	0.65
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	11	0.67	0.64	0.36
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	11	0.67	0.64	0.36
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	11	0.67	0.64	0.36
(1,852)	1:45:A:ALA:HA	1:48:A:ARG:HD2	11	0.67	0.27	0.61
(1,852)	1:45:A:ALA:HA	1:48:A:ARG:HD3	11	0.67	0.27	0.61
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	11	0.66	0.22	0.74
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	11	0.66	0.22	0.74
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	11	0.66	0.22	0.74
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	11	0.66	0.22	0.74
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	11	0.66	0.22	0.74
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	11	0.66	0.22	0.74
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	11	0.66	0.22	0.74
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	11	0.66	0.22	0.74
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	11	0.66	0.22	0.74
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	11	0.66	0.22	0.74
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	11	0.66	0.22	0.74
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	11	0.66	0.22	0.74
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	11	0.66	0.22	0.74
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	11	0.66	0.22	0.74
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	11	0.66	0.22	0.74
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	11	0.66	0.22	0.74
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	11	0.66	0.22	0.74
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	11	0.66	0.22	0.74
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	11	0.66	0.22	0.74
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	11	0.66	0.22	0.74
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	11	0.66	0.22	0.74
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG11	11	0.65	0.41	0.48
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG12	11	0.65	0.41	0.48
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG13	11	0.65	0.41	0.48
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG21	11	0.65	0.41	0.48
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG22	11	0.65	0.41	0.48
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG23	11	0.65	0.41	0.48
(4,2428)	1:134:A:VAL:HG11	1:137:A:SER:H	11	0.65	0.32	0.6
(4,2428)	1:134:A:VAL:HG12	1:137:A:SER:H	11	0.65	0.32	0.6
(4,2428)	1:134:A:VAL:HG13	1:137:A:SER:H	11	0.65	0.32	0.6
(4,2428)	1:134:A:VAL:HG21	1:137:A:SER:H	11	0.65	0.32	0.6
(4,2428)	1:134:A:VAL:HG22	1:137:A:SER:H	11	0.65	0.32	0.6
(4,2428)	1:134:A:VAL:HG23	1:137:A:SER:H	11	0.65	0.32	0.6
(7,2423)	1:134:A:VAL:HG11	1:137:A:SER:H	11	0.65	0.32	0.6
(7,2423)	1:134:A:VAL:HG12	1:137:A:SER:H	11	0.65	0.32	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,2423)	1:134:A:VAL:HG13	1:137:A:SER:H	11	0.65	0.32	0.6
(7,2423)	1:134:A:VAL:HG21	1:137:A:SER:H	11	0.65	0.32	0.6
(7,2423)	1:134:A:VAL:HG22	1:137:A:SER:H	11	0.65	0.32	0.6
(7,2423)	1:134:A:VAL:HG23	1:137:A:SER:H	11	0.65	0.32	0.6
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD11	11	0.65	0.3	0.63
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD12	11	0.65	0.3	0.63
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD13	11	0.65	0.3	0.63
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD21	11	0.65	0.3	0.63
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD22	11	0.65	0.3	0.63
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD23	11	0.65	0.3	0.63
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE1	11	0.64	0.27	0.74
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE2	11	0.64	0.27	0.74
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE3	11	0.64	0.27	0.74
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE1	11	0.64	0.27	0.74
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE2	11	0.64	0.27	0.74
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE3	11	0.64	0.27	0.74
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE1	11	0.64	0.27	0.74
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE2	11	0.64	0.27	0.74
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE3	11	0.64	0.27	0.74
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE1	11	0.64	0.27	0.74
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE2	11	0.64	0.27	0.74
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE3	11	0.64	0.27	0.74
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	11	0.63	0.4	0.6
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	11	0.63	0.4	0.6
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	11	0.63	0.4	0.6
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	11	0.63	0.4	0.6
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	11	0.63	0.4	0.6
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	11	0.63	0.4	0.6
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	11	0.63	0.42	0.58
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	11	0.63	0.42	0.58
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	11	0.63	0.42	0.58
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD21	11	0.63	0.42	0.58
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD22	11	0.63	0.42	0.58
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD23	11	0.63	0.42	0.58
(6,1884)	1:14:A:VAL:HA	1:18:A:PHE:HD1	11	0.63	0.25	0.57
(6,1884)	1:14:A:VAL:HA	1:18:A:PHE:HD2	11	0.63	0.25	0.57
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD21	11	0.62	0.47	0.44
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD22	11	0.62	0.47	0.44
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD23	11	0.62	0.47	0.44
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD21	11	0.62	0.47	0.44
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD22	11	0.62	0.47	0.44
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD23	11	0.62	0.47	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG11	11	0.61	0.39	0.39
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG12	11	0.61	0.39	0.39
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG13	11	0.61	0.39	0.39
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG11	11	0.61	0.39	0.39
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG12	11	0.61	0.39	0.39
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG13	11	0.61	0.39	0.39
(5,1419)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	11	0.61	0.32	0.6
(5,1419)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	11	0.61	0.32	0.6
(5,1419)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	11	0.61	0.32	0.6
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	11	0.61	0.45	0.5
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	11	0.61	0.45	0.5
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	11	0.61	0.45	0.5
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	11	0.61	0.45	0.5
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	11	0.61	0.45	0.5
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	11	0.61	0.45	0.5
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	11	0.61	0.45	0.5
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	11	0.61	0.45	0.5
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	11	0.61	0.45	0.5
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	11	0.61	0.45	0.5
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	11	0.61	0.45	0.5
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	11	0.61	0.45	0.5
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	11	0.61	0.25	0.68
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	11	0.61	0.25	0.68
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	11	0.61	0.25	0.68
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	11	0.61	0.25	0.68
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	11	0.61	0.25	0.68
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	11	0.61	0.25	0.68
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	11	0.61	0.25	0.68
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	11	0.61	0.25	0.68
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	11	0.61	0.25	0.68
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG11	11	0.59	0.39	0.37
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG12	11	0.59	0.39	0.37
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG13	11	0.59	0.39	0.37
(34,1777)	1:97:A:ASP:HA	1:105:A:LYS:HG2	11	0.59	0.36	0.6
(15,2263)	1:79:A:THR:HG21	1:81:A:GLU:HB2	11	0.58	0.46	0.51
(15,2263)	1:79:A:THR:HG21	1:81:A:GLU:HB3	11	0.58	0.46	0.51
(15,2263)	1:79:A:THR:HG22	1:81:A:GLU:HB2	11	0.58	0.46	0.51
(15,2263)	1:79:A:THR:HG22	1:81:A:GLU:HB3	11	0.58	0.46	0.51
(15,2263)	1:79:A:THR:HG23	1:81:A:GLU:HB2	11	0.58	0.46	0.51
(15,2263)	1:79:A:THR:HG23	1:81:A:GLU:HB3	11	0.58	0.46	0.51
(33,1056)	1:43:A:MET:HB2	1:140:A:LEU:HG	11	0.58	0.4	0.32
(32,958)	1:104:A:PHE:H	1:105:A:LYS:HD2	11	0.57	0.17	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,958)	1:104:A:PHE:H	1:105:A:LYS:HD3	11	0.57	0.17	0.62
(5,487)	1:105:A:LYS:H	1:105:A:LYS:HD2	11	0.54	0.08	0.57
(5,487)	1:105:A:LYS:H	1:105:A:LYS:HD3	11	0.54	0.08	0.57
(18,2224)	1:60:A:LEU:HD11	1:122:A:ASP:H	11	0.53	0.21	0.52
(18,2224)	1:60:A:LEU:HD12	1:122:A:ASP:H	11	0.53	0.21	0.52
(18,2224)	1:60:A:LEU:HD13	1:122:A:ASP:H	11	0.53	0.21	0.52
(18,2224)	1:60:A:LEU:HD21	1:122:A:ASP:H	11	0.53	0.21	0.52
(18,2224)	1:60:A:LEU:HD22	1:122:A:ASP:H	11	0.53	0.21	0.52
(18,2224)	1:60:A:LEU:HD23	1:122:A:ASP:H	11	0.53	0.21	0.52
(13,492)	1:105:A:LYS:H	1:105:A:LYS:HD2	11	0.53	0.08	0.56
(13,492)	1:105:A:LYS:H	1:105:A:LYS:HD3	11	0.53	0.08	0.56
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD11	11	0.52	0.29	0.44
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD12	11	0.52	0.29	0.44
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD13	11	0.52	0.29	0.44
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD11	11	0.52	0.29	0.44
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD12	11	0.52	0.29	0.44
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD13	11	0.52	0.29	0.44
(3,2232)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	11	0.52	0.24	0.58
(3,2232)	1:60:A:LEU:HD11	1:122:A:ASP:HB3	11	0.52	0.24	0.58
(3,2232)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	11	0.52	0.24	0.58
(3,2232)	1:60:A:LEU:HD12	1:122:A:ASP:HB3	11	0.52	0.24	0.58
(3,2232)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	11	0.52	0.24	0.58
(3,2232)	1:60:A:LEU:HD13	1:122:A:ASP:HB3	11	0.52	0.24	0.58
(3,2232)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	11	0.52	0.24	0.58
(3,2232)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	11	0.52	0.24	0.58
(3,2232)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	11	0.52	0.24	0.58
(3,2232)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	11	0.52	0.24	0.58
(3,2232)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	11	0.52	0.24	0.58
(3,2232)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	11	0.52	0.24	0.58
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD21	11	0.51	0.15	0.45
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD22	11	0.51	0.15	0.45
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD23	11	0.51	0.15	0.45
(30,836)	1:103:A:ARG:HA	1:103:A:ARG:HD2	11	0.5	0.17	0.59
(30,836)	1:103:A:ARG:HA	1:103:A:ARG:HD3	11	0.5	0.17	0.59
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	11	0.49	0.23	0.46
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	11	0.49	0.23	0.46
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	11	0.49	0.23	0.46
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	11	0.49	0.23	0.46
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	11	0.49	0.23	0.46
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	11	0.49	0.23	0.46
(13,574)	1:126:A:GLY:H	1:128:A:LEU:HG	11	0.49	0.19	0.51
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	11	0.49	0.23	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	11	0.49	0.23	0.56
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	11	0.49	0.23	0.56
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	11	0.49	0.23	0.56
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	11	0.49	0.23	0.56
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	11	0.49	0.23	0.56
(34,2140)	1:40:A:LEU:HD11	1:44:A:GLU:H	11	0.49	0.33	0.4
(34,2140)	1:40:A:LEU:HD12	1:44:A:GLU:H	11	0.49	0.33	0.4
(34,2140)	1:40:A:LEU:HD13	1:44:A:GLU:H	11	0.49	0.33	0.4
(34,2140)	1:40:A:LEU:HD21	1:44:A:GLU:H	11	0.49	0.33	0.4
(34,2140)	1:40:A:LEU:HD22	1:44:A:GLU:H	11	0.49	0.33	0.4
(34,2140)	1:40:A:LEU:HD23	1:44:A:GLU:H	11	0.49	0.33	0.4
(11,498)	1:105:A:LYS:H	1:105:A:LYS:HD2	11	0.49	0.08	0.52
(11,498)	1:105:A:LYS:H	1:105:A:LYS:HD3	11	0.49	0.08	0.52
(34,509)	1:105:A:LYS:H	1:105:A:LYS:HD2	11	0.49	0.08	0.52
(34,509)	1:105:A:LYS:H	1:105:A:LYS:HD3	11	0.49	0.08	0.52
(4,1854)	1:14:A:VAL:HA	1:18:A:PHE:HD1	11	0.49	0.25	0.43
(4,1854)	1:14:A:VAL:HA	1:18:A:PHE:HD2	11	0.49	0.25	0.43
(33,2205)	1:60:A:LEU:HD11	1:120:A:CYS:HA	11	0.48	0.2	0.62
(33,2205)	1:60:A:LEU:HD12	1:120:A:CYS:HA	11	0.48	0.2	0.62
(33,2205)	1:60:A:LEU:HD13	1:120:A:CYS:HA	11	0.48	0.2	0.62
(33,2205)	1:60:A:LEU:HD21	1:120:A:CYS:HA	11	0.48	0.2	0.62
(33,2205)	1:60:A:LEU:HD22	1:120:A:CYS:HA	11	0.48	0.2	0.62
(33,2205)	1:60:A:LEU:HD23	1:120:A:CYS:HA	11	0.48	0.2	0.62
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD11	11	0.48	0.27	0.38
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD12	11	0.48	0.27	0.38
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD13	11	0.48	0.27	0.38
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD21	11	0.48	0.27	0.38
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD22	11	0.48	0.27	0.38
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD23	11	0.48	0.27	0.38
(15,1212)	1:69:A:MET:HE1	1:110:A:MET:HA	11	0.47	0.25	0.37
(15,1212)	1:69:A:MET:HE2	1:110:A:MET:HA	11	0.47	0.25	0.37
(15,1212)	1:69:A:MET:HE3	1:110:A:MET:HA	11	0.47	0.25	0.37
(34,1238)	1:69:A:MET:HE1	1:110:A:MET:HA	11	0.47	0.25	0.37
(34,1238)	1:69:A:MET:HE2	1:110:A:MET:HA	11	0.47	0.25	0.37
(34,1238)	1:69:A:MET:HE3	1:110:A:MET:HA	11	0.47	0.25	0.37
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD11	11	0.47	0.29	0.3
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD12	11	0.47	0.29	0.3
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD13	11	0.47	0.29	0.3
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD11	11	0.47	0.29	0.3
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD12	11	0.47	0.29	0.3
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD13	11	0.47	0.29	0.3
(11,2417)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	11	0.47	0.27	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,2417)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	11	0.47	0.27	0.38
(11,2417)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	11	0.47	0.27	0.38
(11,2417)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	11	0.47	0.27	0.38
(11,2417)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	11	0.47	0.27	0.38
(11,2417)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	11	0.47	0.27	0.38
(11,2417)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	11	0.47	0.27	0.38
(11,2417)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	11	0.47	0.27	0.38
(11,2417)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	11	0.47	0.27	0.38
(11,2417)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	11	0.47	0.27	0.38
(11,2417)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	11	0.47	0.27	0.38
(11,2417)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	11	0.47	0.27	0.38
(6,371)	1:40:A:LEU:HB2	1:41:A:LYS:H	11	0.46	0.16	0.5
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD11	11	0.46	0.14	0.49
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD12	11	0.46	0.14	0.49
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD13	11	0.46	0.14	0.49
(18,944)	1:73:A:ILE:HD11	1:112:A:GLN:HG2	11	0.46	0.15	0.47
(18,944)	1:73:A:ILE:HD11	1:112:A:GLN:HG3	11	0.46	0.15	0.47
(18,944)	1:73:A:ILE:HD12	1:112:A:GLN:HG2	11	0.46	0.15	0.47
(18,944)	1:73:A:ILE:HD12	1:112:A:GLN:HG3	11	0.46	0.15	0.47
(18,944)	1:73:A:ILE:HD13	1:112:A:GLN:HG2	11	0.46	0.15	0.47
(18,944)	1:73:A:ILE:HD13	1:112:A:GLN:HG3	11	0.46	0.15	0.47
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	11	0.46	0.18	0.38
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	11	0.46	0.18	0.38
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	11	0.46	0.18	0.38
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	11	0.46	0.18	0.38
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	11	0.46	0.18	0.38
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	11	0.46	0.18	0.38
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	11	0.46	0.18	0.38
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	11	0.46	0.18	0.38
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	11	0.46	0.18	0.38
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	11	0.46	0.18	0.38
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	11	0.46	0.18	0.38
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	11	0.46	0.18	0.38
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	11	0.46	0.18	0.38
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	11	0.46	0.18	0.38
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	11	0.46	0.18	0.38
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	11	0.46	0.18	0.38
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	11	0.46	0.18	0.38
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	11	0.46	0.18	0.38
(3,1798)	1:97:A:ASP:HA	1:105:A:LYS:HA	11	0.45	0.28	0.27
(6,1771)	1:97:A:ASP:HA	1:105:A:LYS:HA	11	0.45	0.28	0.27
(17,1781)	1:97:A:ASP:HA	1:105:A:LYS:HA	11	0.45	0.28	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,1749)	1:97:A:ASP:HA	1:105:A:LYS:HA	11	0.45	0.28	0.27
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD11	11	0.44	0.23	0.43
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD12	11	0.44	0.23	0.43
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD13	11	0.44	0.23	0.43
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD21	11	0.44	0.23	0.43
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD22	11	0.44	0.23	0.43
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD23	11	0.44	0.23	0.43
(13,2311)	1:107:A:LEU:HD11	1:112:A:GLN:HA	11	0.44	0.26	0.47
(13,2311)	1:107:A:LEU:HD12	1:112:A:GLN:HA	11	0.44	0.26	0.47
(13,2311)	1:107:A:LEU:HD13	1:112:A:GLN:HA	11	0.44	0.26	0.47
(13,2311)	1:107:A:LEU:HD21	1:112:A:GLN:HA	11	0.44	0.26	0.47
(13,2311)	1:107:A:LEU:HD22	1:112:A:GLN:HA	11	0.44	0.26	0.47
(13,2311)	1:107:A:LEU:HD23	1:112:A:GLN:HA	11	0.44	0.26	0.47
(16,2329)	1:107:A:LEU:HD11	1:112:A:GLN:HA	11	0.44	0.26	0.47
(16,2329)	1:107:A:LEU:HD12	1:112:A:GLN:HA	11	0.44	0.26	0.47
(16,2329)	1:107:A:LEU:HD13	1:112:A:GLN:HA	11	0.44	0.26	0.47
(16,2329)	1:107:A:LEU:HD21	1:112:A:GLN:HA	11	0.44	0.26	0.47
(16,2329)	1:107:A:LEU:HD22	1:112:A:GLN:HA	11	0.44	0.26	0.47
(16,2329)	1:107:A:LEU:HD23	1:112:A:GLN:HA	11	0.44	0.26	0.47
(30,2346)	1:107:A:LEU:HD11	1:112:A:GLN:HA	11	0.44	0.26	0.47
(30,2346)	1:107:A:LEU:HD12	1:112:A:GLN:HA	11	0.44	0.26	0.47
(30,2346)	1:107:A:LEU:HD13	1:112:A:GLN:HA	11	0.44	0.26	0.47
(30,2346)	1:107:A:LEU:HD21	1:112:A:GLN:HA	11	0.44	0.26	0.47
(30,2346)	1:107:A:LEU:HD22	1:112:A:GLN:HA	11	0.44	0.26	0.47
(30,2346)	1:107:A:LEU:HD23	1:112:A:GLN:HA	11	0.44	0.26	0.47
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD11	11	0.44	0.35	0.38
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD12	11	0.44	0.35	0.38
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD13	11	0.44	0.35	0.38
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD11	11	0.44	0.35	0.38
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD12	11	0.44	0.35	0.38
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD13	11	0.44	0.35	0.38
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD11	11	0.44	0.35	0.38
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD12	11	0.44	0.35	0.38
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD13	11	0.44	0.35	0.38
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD21	11	0.44	0.44	0.28
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD22	11	0.44	0.44	0.28
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD23	11	0.44	0.44	0.28
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD11	11	0.43	0.16	0.49
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD12	11	0.43	0.16	0.49
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD13	11	0.43	0.16	0.49
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD21	11	0.43	0.16	0.49
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD22	11	0.43	0.16	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD23	11	0.43	0.16	0.49
(1,587)	1:126:A:GLY:H	1:128:A:LEU:HG	11	0.42	0.19	0.44
(3,586)	1:126:A:GLY:H	1:128:A:LEU:HG	11	0.42	0.19	0.44
(16,587)	1:126:A:GLY:H	1:128:A:LEU:HG	11	0.42	0.19	0.44
(3,1033)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	11	0.42	0.24	0.41
(3,1033)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	11	0.42	0.24	0.41
(5,1021)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	11	0.42	0.24	0.41
(5,1021)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	11	0.42	0.24	0.41
(9,890)	1:73:A:ILE:HB	1:76:A:ARG:HA	11	0.41	0.21	0.39
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	11	0.39	0.2	0.3
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	11	0.39	0.2	0.3
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	11	0.39	0.2	0.3
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	11	0.39	0.2	0.3
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	11	0.39	0.2	0.3
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	11	0.39	0.2	0.3
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	11	0.39	0.2	0.3
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	11	0.39	0.2	0.3
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	11	0.39	0.2	0.3
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	11	0.39	0.2	0.3
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	11	0.39	0.2	0.3
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	11	0.39	0.2	0.3
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	11	0.39	0.2	0.3
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	11	0.39	0.2	0.3
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	11	0.39	0.2	0.3
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	11	0.39	0.2	0.3
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	11	0.39	0.2	0.3
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	11	0.39	0.2	0.3
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	11	0.39	0.2	0.3
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	11	0.39	0.2	0.3
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	11	0.39	0.2	0.3
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	11	0.39	0.2	0.3
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	11	0.39	0.2	0.3
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	11	0.39	0.2	0.3
(11,873)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	11	0.39	0.25	0.4
(11,873)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	11	0.39	0.25	0.4
(11,873)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	11	0.39	0.25	0.4
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD11	11	0.39	0.16	0.29
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD12	11	0.39	0.16	0.29
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD13	11	0.39	0.16	0.29
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD11	11	0.39	0.16	0.29
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD12	11	0.39	0.16	0.29
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD13	11	0.39	0.16	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD11	11	0.39	0.16	0.29
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD12	11	0.39	0.16	0.29
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD13	11	0.39	0.16	0.29
(3,1904)	1:14:A:VAL:HA	1:18:A:PHE:HD1	11	0.39	0.25	0.33
(3,1904)	1:14:A:VAL:HA	1:18:A:PHE:HD2	11	0.39	0.25	0.33
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD11	11	0.39	0.17	0.42
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD12	11	0.39	0.17	0.42
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD13	11	0.39	0.17	0.42
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD21	11	0.39	0.17	0.42
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD22	11	0.39	0.17	0.42
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD23	11	0.39	0.17	0.42
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD21	11	0.38	0.11	0.4
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD22	11	0.38	0.11	0.4
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD23	11	0.38	0.11	0.4
(7,2085)	1:39:A:VAL:HG11	1:43:A:MET:HB2	11	0.37	0.3	0.3
(7,2085)	1:39:A:VAL:HG12	1:43:A:MET:HB2	11	0.37	0.3	0.3
(7,2085)	1:39:A:VAL:HG13	1:43:A:MET:HB2	11	0.37	0.3	0.3
(7,2085)	1:39:A:VAL:HG21	1:43:A:MET:HB2	11	0.37	0.3	0.3
(7,2085)	1:39:A:VAL:HG22	1:43:A:MET:HB2	11	0.37	0.3	0.3
(7,2085)	1:39:A:VAL:HG23	1:43:A:MET:HB2	11	0.37	0.3	0.3
(32,2091)	1:39:A:VAL:HG11	1:43:A:MET:HB2	11	0.37	0.3	0.3
(32,2091)	1:39:A:VAL:HG12	1:43:A:MET:HB2	11	0.37	0.3	0.3
(32,2091)	1:39:A:VAL:HG13	1:43:A:MET:HB2	11	0.37	0.3	0.3
(32,2091)	1:39:A:VAL:HG21	1:43:A:MET:HB2	11	0.37	0.3	0.3
(32,2091)	1:39:A:VAL:HG22	1:43:A:MET:HB2	11	0.37	0.3	0.3
(32,2091)	1:39:A:VAL:HG23	1:43:A:MET:HB2	11	0.37	0.3	0.3
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD21	11	0.37	0.23	0.28
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD22	11	0.37	0.23	0.28
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD23	11	0.37	0.23	0.28
(5,2214)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	11	0.37	0.23	0.29
(5,2214)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	11	0.37	0.23	0.29
(5,2214)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	11	0.37	0.23	0.29
(5,2214)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	11	0.37	0.23	0.29
(5,2214)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	11	0.37	0.23	0.29
(5,2214)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	11	0.37	0.23	0.29
(15,2196)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	11	0.37	0.23	0.29
(15,2196)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	11	0.37	0.23	0.29
(15,2196)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	11	0.37	0.23	0.29
(15,2196)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	11	0.37	0.23	0.29
(15,2196)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	11	0.37	0.23	0.29
(15,2196)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	11	0.37	0.23	0.29
(30,2220)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	11	0.37	0.23	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,2220)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	11	0.37	0.23	0.29
(30,2220)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	11	0.37	0.23	0.29
(30,2220)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	11	0.37	0.23	0.29
(30,2220)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	11	0.37	0.23	0.29
(30,2220)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	11	0.37	0.23	0.29
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD21	11	0.36	0.11	0.38
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD22	11	0.36	0.11	0.38
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD23	11	0.36	0.11	0.38
(4,2253)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	11	0.36	0.13	0.4
(4,2253)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	11	0.36	0.13	0.4
(11,896)	1:73:A:ILE:HB	1:76:A:ARG:HA	11	0.36	0.21	0.34
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD11	11	0.35	0.07	0.36
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD12	11	0.35	0.07	0.36
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD13	11	0.35	0.07	0.36
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD21	11	0.35	0.07	0.36
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD22	11	0.35	0.07	0.36
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD23	11	0.35	0.07	0.36
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	11	0.35	0.18	0.29
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	11	0.35	0.18	0.29
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	11	0.35	0.18	0.29
(4,1093)	1:41:A:LYS:HA	1:44:A:GLU:HB2	11	0.34	0.16	0.32
(4,1093)	1:41:A:LYS:HA	1:44:A:GLU:HB3	11	0.34	0.16	0.32
(1,1489)	1:101:A:ILE:HG21	1:115:A:ALA:HA	11	0.34	0.15	0.33
(1,1489)	1:101:A:ILE:HG22	1:115:A:ALA:HA	11	0.34	0.15	0.33
(1,1489)	1:101:A:ILE:HG23	1:115:A:ALA:HA	11	0.34	0.15	0.33
(4,1462)	1:101:A:ILE:HG21	1:115:A:ALA:HA	11	0.34	0.15	0.33
(4,1462)	1:101:A:ILE:HG22	1:115:A:ALA:HA	11	0.34	0.15	0.33
(4,1462)	1:101:A:ILE:HG23	1:115:A:ALA:HA	11	0.34	0.15	0.33
(15,1473)	1:101:A:ILE:HG21	1:115:A:ALA:HA	11	0.34	0.15	0.33
(15,1473)	1:101:A:ILE:HG22	1:115:A:ALA:HA	11	0.34	0.15	0.33
(15,1473)	1:101:A:ILE:HG23	1:115:A:ALA:HA	11	0.34	0.15	0.33
(29,1489)	1:101:A:ILE:HG21	1:115:A:ALA:HA	11	0.34	0.15	0.33
(29,1489)	1:101:A:ILE:HG22	1:115:A:ALA:HA	11	0.34	0.15	0.33
(29,1489)	1:101:A:ILE:HG23	1:115:A:ALA:HA	11	0.34	0.15	0.33
(32,1441)	1:101:A:ILE:HG21	1:115:A:ALA:HA	11	0.34	0.15	0.33
(32,1441)	1:101:A:ILE:HG22	1:115:A:ALA:HA	11	0.34	0.15	0.33
(32,1441)	1:101:A:ILE:HG23	1:115:A:ALA:HA	11	0.34	0.15	0.33
(33,1473)	1:101:A:ILE:HG21	1:115:A:ALA:HA	11	0.34	0.15	0.33
(33,1473)	1:101:A:ILE:HG22	1:115:A:ALA:HA	11	0.34	0.15	0.33
(33,1473)	1:101:A:ILE:HG23	1:115:A:ALA:HA	11	0.34	0.15	0.33
(3,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	11	0.33	0.25	0.26
(3,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	11	0.33	0.25	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	11	0.33	0.25	0.26
(3,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	11	0.33	0.25	0.26
(6,1003)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	11	0.33	0.25	0.26
(6,1003)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	11	0.33	0.25	0.26
(6,1003)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	11	0.33	0.25	0.26
(6,1003)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	11	0.33	0.25	0.26
(7,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	11	0.33	0.25	0.26
(7,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	11	0.33	0.25	0.26
(7,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	11	0.33	0.25	0.26
(7,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	11	0.33	0.25	0.26
(13,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	11	0.33	0.25	0.26
(13,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	11	0.33	0.25	0.26
(13,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	11	0.33	0.25	0.26
(13,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	11	0.33	0.25	0.26
(16,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	11	0.33	0.25	0.26
(16,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	11	0.33	0.25	0.26
(16,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	11	0.33	0.25	0.26
(16,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	11	0.33	0.25	0.26
(30,1007)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	11	0.33	0.25	0.26
(30,1007)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	11	0.33	0.25	0.26
(30,1007)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	11	0.33	0.25	0.26
(30,1007)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	11	0.33	0.25	0.26
(32,987)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	11	0.33	0.25	0.26
(32,987)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	11	0.33	0.25	0.26
(32,987)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	11	0.33	0.25	0.26
(32,987)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	11	0.33	0.25	0.26
(34,1044)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	11	0.33	0.25	0.26
(34,1044)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	11	0.33	0.25	0.26
(34,1044)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	11	0.33	0.25	0.26
(34,1044)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	11	0.33	0.25	0.26
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	11	0.33	0.2	0.24
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	11	0.33	0.2	0.24
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	11	0.33	0.2	0.24
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	11	0.33	0.2	0.24
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	11	0.33	0.2	0.24
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	11	0.33	0.2	0.24
(1,1681)	1:107:A:LEU:H	1:111:A:GLU:HB2	11	0.33	0.24	0.19
(1,1681)	1:107:A:LEU:H	1:111:A:GLU:HB3	11	0.33	0.24	0.19
(4,1647)	1:107:A:LEU:H	1:111:A:GLU:HB2	11	0.33	0.24	0.19
(4,1647)	1:107:A:LEU:H	1:111:A:GLU:HB3	11	0.33	0.24	0.19
(6,1671)	1:107:A:LEU:H	1:111:A:GLU:HB2	11	0.33	0.24	0.19
(6,1671)	1:107:A:LEU:H	1:111:A:GLU:HB3	11	0.33	0.24	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1639)	1:107:A:LEU:H	1:111:A:GLU:HB2	11	0.33	0.24	0.19
(7,1639)	1:107:A:LEU:H	1:111:A:GLU:HB3	11	0.33	0.24	0.19
(9,1661)	1:107:A:LEU:H	1:111:A:GLU:HB2	11	0.33	0.24	0.19
(9,1661)	1:107:A:LEU:H	1:111:A:GLU:HB3	11	0.33	0.24	0.19
(11,1704)	1:107:A:LEU:H	1:111:A:GLU:HB2	11	0.33	0.24	0.19
(11,1704)	1:107:A:LEU:H	1:111:A:GLU:HB3	11	0.33	0.24	0.19
(13,1637)	1:107:A:LEU:H	1:111:A:GLU:HB2	11	0.33	0.24	0.19
(13,1637)	1:107:A:LEU:H	1:111:A:GLU:HB3	11	0.33	0.24	0.19
(15,1664)	1:107:A:LEU:H	1:111:A:GLU:HB2	11	0.33	0.24	0.19
(15,1664)	1:107:A:LEU:H	1:111:A:GLU:HB3	11	0.33	0.24	0.19
(17,1686)	1:107:A:LEU:H	1:111:A:GLU:HB2	11	0.33	0.24	0.19
(17,1686)	1:107:A:LEU:H	1:111:A:GLU:HB3	11	0.33	0.24	0.19
(29,1692)	1:107:A:LEU:H	1:111:A:GLU:HB2	11	0.33	0.24	0.19
(29,1692)	1:107:A:LEU:H	1:111:A:GLU:HB3	11	0.33	0.24	0.19
(30,1673)	1:107:A:LEU:H	1:111:A:GLU:HB2	11	0.33	0.24	0.19
(30,1673)	1:107:A:LEU:H	1:111:A:GLU:HB3	11	0.33	0.24	0.19
(33,1659)	1:107:A:LEU:H	1:111:A:GLU:HB2	11	0.33	0.24	0.19
(33,1659)	1:107:A:LEU:H	1:111:A:GLU:HB3	11	0.33	0.24	0.19
(34,1681)	1:107:A:LEU:H	1:111:A:GLU:HB2	11	0.33	0.24	0.19
(34,1681)	1:107:A:LEU:H	1:111:A:GLU:HB3	11	0.33	0.24	0.19
(4,1663)	1:69:A:MET:HA	1:109:A:PRO:HA	11	0.33	0.12	0.32
(7,1653)	1:69:A:MET:HA	1:109:A:PRO:HA	11	0.33	0.12	0.32
(7,1803)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	11	0.33	0.16	0.35
(7,1803)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	11	0.33	0.16	0.35
(17,1851)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	11	0.33	0.16	0.35
(17,1851)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	11	0.33	0.16	0.35
(15,883)	1:151:A:PHE:H	1:151:A:PHE:HB3	11	0.32	0.11	0.32
(7,693)	1:98:A:ILE:H	1:104:A:PHE:H	11	0.32	0.19	0.27
(11,698)	1:98:A:ILE:H	1:104:A:PHE:H	11	0.32	0.19	0.27
(13,682)	1:98:A:ILE:H	1:104:A:PHE:H	11	0.32	0.19	0.27
(16,705)	1:98:A:ILE:H	1:104:A:PHE:H	11	0.32	0.19	0.27
(30,698)	1:98:A:ILE:H	1:104:A:PHE:H	11	0.32	0.19	0.27
(34,705)	1:98:A:ILE:H	1:104:A:PHE:H	11	0.32	0.19	0.27
(5,2135)	1:43:A:MET:H	1:43:A:MET:HG2	11	0.31	0.16	0.35
(5,2135)	1:43:A:MET:H	1:43:A:MET:HG3	11	0.31	0.16	0.35
(15,2115)	1:43:A:MET:H	1:43:A:MET:HG2	11	0.31	0.16	0.35
(15,2115)	1:43:A:MET:H	1:43:A:MET:HG3	11	0.31	0.16	0.35
(1,32)	1:35:A:LEU:H	1:35:A:LEU:HG	11	0.3	0.1	0.29
(11,31)	1:35:A:LEU:H	1:35:A:LEU:HG	11	0.3	0.1	0.29
(15,1891)	1:58:A:ILE:HA	1:62:A:HIS:HE1	11	0.3	0.18	0.21
(18,30)	1:35:A:LEU:H	1:35:A:LEU:HG	11	0.3	0.1	0.29
(32,26)	1:35:A:LEU:H	1:35:A:LEU:HG	11	0.3	0.1	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,1921)	1:58:A:ILE:HA	1:62:A:HIS:HE1	11	0.3	0.18	0.21
(4,923)	1:81:A:GLU:HA	1:81:A:GLU:HG2	11	0.29	0.04	0.32
(4,923)	1:81:A:GLU:HA	1:81:A:GLU:HG3	11	0.29	0.04	0.32
(1,1426)	1:73:A:ILE:HG21	1:110:A:MET:HG2	11	0.29	0.1	0.26
(1,1426)	1:73:A:ILE:HG21	1:110:A:MET:HG3	11	0.29	0.1	0.26
(1,1426)	1:73:A:ILE:HG22	1:110:A:MET:HG2	11	0.29	0.1	0.26
(1,1426)	1:73:A:ILE:HG22	1:110:A:MET:HG3	11	0.29	0.1	0.26
(1,1426)	1:73:A:ILE:HG23	1:110:A:MET:HG2	11	0.29	0.1	0.26
(1,1426)	1:73:A:ILE:HG23	1:110:A:MET:HG3	11	0.29	0.1	0.26
(3,1442)	1:73:A:ILE:HG21	1:110:A:MET:HG2	11	0.29	0.1	0.26
(3,1442)	1:73:A:ILE:HG21	1:110:A:MET:HG3	11	0.29	0.1	0.26
(3,1442)	1:73:A:ILE:HG22	1:110:A:MET:HG2	11	0.29	0.1	0.26
(3,1442)	1:73:A:ILE:HG22	1:110:A:MET:HG3	11	0.29	0.1	0.26
(3,1442)	1:73:A:ILE:HG23	1:110:A:MET:HG2	11	0.29	0.1	0.26
(3,1442)	1:73:A:ILE:HG23	1:110:A:MET:HG3	11	0.29	0.1	0.26
(16,1420)	1:73:A:ILE:HG21	1:110:A:MET:HG2	11	0.29	0.1	0.26
(16,1420)	1:73:A:ILE:HG21	1:110:A:MET:HG3	11	0.29	0.1	0.26
(16,1420)	1:73:A:ILE:HG22	1:110:A:MET:HG2	11	0.29	0.1	0.26
(16,1420)	1:73:A:ILE:HG22	1:110:A:MET:HG3	11	0.29	0.1	0.26
(16,1420)	1:73:A:ILE:HG23	1:110:A:MET:HG2	11	0.29	0.1	0.26
(16,1420)	1:73:A:ILE:HG23	1:110:A:MET:HG3	11	0.29	0.1	0.26
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD11	11	0.29	0.19	0.29
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD12	11	0.29	0.19	0.29
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD13	11	0.29	0.19	0.29
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD21	11	0.29	0.19	0.29
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD22	11	0.29	0.19	0.29
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD23	11	0.29	0.19	0.29
(4,1806)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	11	0.28	0.16	0.25
(4,1806)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	11	0.28	0.16	0.25
(7,1795)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	11	0.28	0.16	0.25
(7,1795)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	11	0.28	0.16	0.25
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD11	11	0.28	0.18	0.16
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD12	11	0.28	0.18	0.16
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD13	11	0.28	0.18	0.16
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD21	11	0.28	0.18	0.16
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD22	11	0.28	0.18	0.16
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD23	11	0.28	0.18	0.16
(4,836)	1:48:A:ARG:H	1:48:A:ARG:HD2	11	0.27	0.11	0.26
(4,836)	1:48:A:ARG:H	1:48:A:ARG:HD3	11	0.27	0.11	0.26
(2,1485)	1:101:A:ILE:HG21	1:116:A:GLN:H	11	0.27	0.26	0.13
(2,1485)	1:101:A:ILE:HG22	1:116:A:GLN:H	11	0.27	0.26	0.13
(2,1485)	1:101:A:ILE:HG23	1:116:A:GLN:H	11	0.27	0.26	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1461)	1:101:A:ILE:HG21	1:116:A:GLN:H	11	0.27	0.26	0.13
(4,1461)	1:101:A:ILE:HG22	1:116:A:GLN:H	11	0.27	0.26	0.13
(4,1461)	1:101:A:ILE:HG23	1:116:A:GLN:H	11	0.27	0.26	0.13
(5,1496)	1:101:A:ILE:HG21	1:116:A:GLN:H	11	0.27	0.26	0.13
(5,1496)	1:101:A:ILE:HG22	1:116:A:GLN:H	11	0.27	0.26	0.13
(5,1496)	1:101:A:ILE:HG23	1:116:A:GLN:H	11	0.27	0.26	0.13
(7,1457)	1:101:A:ILE:HG21	1:116:A:GLN:H	11	0.27	0.26	0.13
(7,1457)	1:101:A:ILE:HG22	1:116:A:GLN:H	11	0.27	0.26	0.13
(7,1457)	1:101:A:ILE:HG23	1:116:A:GLN:H	11	0.27	0.26	0.13
(9,1474)	1:101:A:ILE:HG21	1:116:A:GLN:H	11	0.27	0.26	0.13
(9,1474)	1:101:A:ILE:HG22	1:116:A:GLN:H	11	0.27	0.26	0.13
(9,1474)	1:101:A:ILE:HG23	1:116:A:GLN:H	11	0.27	0.26	0.13
(13,1453)	1:101:A:ILE:HG21	1:116:A:GLN:H	11	0.27	0.26	0.13
(13,1453)	1:101:A:ILE:HG22	1:116:A:GLN:H	11	0.27	0.26	0.13
(13,1453)	1:101:A:ILE:HG23	1:116:A:GLN:H	11	0.27	0.26	0.13
(15,1472)	1:101:A:ILE:HG21	1:116:A:GLN:H	11	0.27	0.26	0.13
(15,1472)	1:101:A:ILE:HG22	1:116:A:GLN:H	11	0.27	0.26	0.13
(15,1472)	1:101:A:ILE:HG23	1:116:A:GLN:H	11	0.27	0.26	0.13
(16,1479)	1:101:A:ILE:HG21	1:116:A:GLN:H	11	0.27	0.26	0.13
(16,1479)	1:101:A:ILE:HG22	1:116:A:GLN:H	11	0.27	0.26	0.13
(16,1479)	1:101:A:ILE:HG23	1:116:A:GLN:H	11	0.27	0.26	0.13
(17,1502)	1:101:A:ILE:HG21	1:116:A:GLN:H	11	0.27	0.26	0.13
(17,1502)	1:101:A:ILE:HG22	1:116:A:GLN:H	11	0.27	0.26	0.13
(17,1502)	1:101:A:ILE:HG23	1:116:A:GLN:H	11	0.27	0.26	0.13
(29,1488)	1:101:A:ILE:HG21	1:116:A:GLN:H	11	0.27	0.26	0.13
(29,1488)	1:101:A:ILE:HG22	1:116:A:GLN:H	11	0.27	0.26	0.13
(29,1488)	1:101:A:ILE:HG23	1:116:A:GLN:H	11	0.27	0.26	0.13
(30,1478)	1:101:A:ILE:HG21	1:116:A:GLN:H	11	0.27	0.26	0.13
(30,1478)	1:101:A:ILE:HG22	1:116:A:GLN:H	11	0.27	0.26	0.13
(30,1478)	1:101:A:ILE:HG23	1:116:A:GLN:H	11	0.27	0.26	0.13
(34,1495)	1:101:A:ILE:HG21	1:116:A:GLN:H	11	0.27	0.26	0.13
(34,1495)	1:101:A:ILE:HG22	1:116:A:GLN:H	11	0.27	0.26	0.13
(34,1495)	1:101:A:ILE:HG23	1:116:A:GLN:H	11	0.27	0.26	0.13
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG11	11	0.26	0.19	0.2
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG12	11	0.26	0.19	0.2
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG13	11	0.26	0.19	0.2
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG11	11	0.26	0.19	0.2
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG12	11	0.26	0.19	0.2
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG13	11	0.26	0.19	0.2
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG11	11	0.26	0.19	0.2
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG12	11	0.26	0.19	0.2
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG13	11	0.26	0.19	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG11	11	0.26	0.19	0.2
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG12	11	0.26	0.19	0.2
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG13	11	0.26	0.19	0.2
(1,1484)	1:101:A:ILE:HG21	1:115:A:ALA:H	11	0.25	0.27	0.13
(1,1484)	1:101:A:ILE:HG22	1:115:A:ALA:H	11	0.25	0.27	0.13
(1,1484)	1:101:A:ILE:HG23	1:115:A:ALA:H	11	0.25	0.27	0.13
(2,1482)	1:101:A:ILE:HG21	1:115:A:ALA:H	11	0.25	0.27	0.13
(2,1482)	1:101:A:ILE:HG22	1:115:A:ALA:H	11	0.25	0.27	0.13
(2,1482)	1:101:A:ILE:HG23	1:115:A:ALA:H	11	0.25	0.27	0.13
(3,1502)	1:101:A:ILE:HG21	1:115:A:ALA:H	11	0.25	0.27	0.13
(3,1502)	1:101:A:ILE:HG22	1:115:A:ALA:H	11	0.25	0.27	0.13
(3,1502)	1:101:A:ILE:HG23	1:115:A:ALA:H	11	0.25	0.27	0.13
(4,1457)	1:101:A:ILE:HG21	1:115:A:ALA:H	11	0.25	0.27	0.13
(4,1457)	1:101:A:ILE:HG22	1:115:A:ALA:H	11	0.25	0.27	0.13
(4,1457)	1:101:A:ILE:HG23	1:115:A:ALA:H	11	0.25	0.27	0.13
(7,1453)	1:101:A:ILE:HG21	1:115:A:ALA:H	11	0.25	0.27	0.13
(7,1453)	1:101:A:ILE:HG22	1:115:A:ALA:H	11	0.25	0.27	0.13
(7,1453)	1:101:A:ILE:HG23	1:115:A:ALA:H	11	0.25	0.27	0.13
(9,1469)	1:101:A:ILE:HG21	1:115:A:ALA:H	11	0.25	0.27	0.13
(9,1469)	1:101:A:ILE:HG22	1:115:A:ALA:H	11	0.25	0.27	0.13
(9,1469)	1:101:A:ILE:HG23	1:115:A:ALA:H	11	0.25	0.27	0.13
(15,1467)	1:101:A:ILE:HG21	1:115:A:ALA:H	11	0.25	0.27	0.13
(15,1467)	1:101:A:ILE:HG22	1:115:A:ALA:H	11	0.25	0.27	0.13
(15,1467)	1:101:A:ILE:HG23	1:115:A:ALA:H	11	0.25	0.27	0.13
(16,1474)	1:101:A:ILE:HG21	1:115:A:ALA:H	11	0.25	0.27	0.13
(16,1474)	1:101:A:ILE:HG22	1:115:A:ALA:H	11	0.25	0.27	0.13
(16,1474)	1:101:A:ILE:HG23	1:115:A:ALA:H	11	0.25	0.27	0.13
(17,1498)	1:101:A:ILE:HG21	1:115:A:ALA:H	11	0.25	0.27	0.13
(17,1498)	1:101:A:ILE:HG22	1:115:A:ALA:H	11	0.25	0.27	0.13
(17,1498)	1:101:A:ILE:HG23	1:115:A:ALA:H	11	0.25	0.27	0.13
(29,1484)	1:101:A:ILE:HG21	1:115:A:ALA:H	11	0.25	0.27	0.13
(29,1484)	1:101:A:ILE:HG22	1:115:A:ALA:H	11	0.25	0.27	0.13
(29,1484)	1:101:A:ILE:HG23	1:115:A:ALA:H	11	0.25	0.27	0.13
(30,1474)	1:101:A:ILE:HG21	1:115:A:ALA:H	11	0.25	0.27	0.13
(30,1474)	1:101:A:ILE:HG22	1:115:A:ALA:H	11	0.25	0.27	0.13
(30,1474)	1:101:A:ILE:HG23	1:115:A:ALA:H	11	0.25	0.27	0.13
(32,1436)	1:101:A:ILE:HG21	1:115:A:ALA:H	11	0.25	0.27	0.13
(32,1436)	1:101:A:ILE:HG22	1:115:A:ALA:H	11	0.25	0.27	0.13
(32,1436)	1:101:A:ILE:HG23	1:115:A:ALA:H	11	0.25	0.27	0.13
(33,1469)	1:101:A:ILE:HG21	1:115:A:ALA:H	11	0.25	0.27	0.13
(33,1469)	1:101:A:ILE:HG22	1:115:A:ALA:H	11	0.25	0.27	0.13
(33,1469)	1:101:A:ILE:HG23	1:115:A:ALA:H	11	0.25	0.27	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,1491)	1:101:A:ILE:HG21	1:115:A:ALA:H	11	0.25	0.27	0.13
(34,1491)	1:101:A:ILE:HG22	1:115:A:ALA:H	11	0.25	0.27	0.13
(34,1491)	1:101:A:ILE:HG23	1:115:A:ALA:H	11	0.25	0.27	0.13
(15,925)	1:81:A:GLU:HA	1:81:A:GLU:HG2	11	0.25	0.04	0.28
(15,925)	1:81:A:GLU:HA	1:81:A:GLU:HG3	11	0.25	0.04	0.28
(13,234)	1:50:A:ALA:H	1:52:A:CYS:H	11	0.25	0.13	0.26
(15,241)	1:50:A:ALA:H	1:52:A:CYS:H	11	0.25	0.13	0.26
(16,241)	1:50:A:ALA:H	1:52:A:CYS:H	11	0.25	0.13	0.26
(17,233)	1:50:A:ALA:H	1:52:A:CYS:H	11	0.25	0.13	0.26
(29,238)	1:50:A:ALA:H	1:52:A:CYS:H	11	0.25	0.13	0.26
(11,1559)	1:110:A:MET:HE1	1:114:A:ILE:HG12	11	0.25	0.08	0.22
(11,1559)	1:110:A:MET:HE2	1:114:A:ILE:HG12	11	0.25	0.08	0.22
(11,1559)	1:110:A:MET:HE3	1:114:A:ILE:HG12	11	0.25	0.08	0.22
(18,1528)	1:110:A:MET:HE1	1:114:A:ILE:HG12	11	0.25	0.08	0.22
(18,1528)	1:110:A:MET:HE2	1:114:A:ILE:HG12	11	0.25	0.08	0.22
(18,1528)	1:110:A:MET:HE3	1:114:A:ILE:HG12	11	0.25	0.08	0.22
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD11	11	0.24	0.08	0.26
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD12	11	0.24	0.08	0.26
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD13	11	0.24	0.08	0.26
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD11	11	0.23	0.07	0.24
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD12	11	0.23	0.07	0.24
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD13	11	0.23	0.07	0.24
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD21	11	0.23	0.07	0.24
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD22	11	0.23	0.07	0.24
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD23	11	0.23	0.07	0.24
(6,1909)	1:113:A:PHE:HD1	1:114:A:ILE:HB	11	0.22	0.07	0.21
(6,1909)	1:113:A:PHE:HD2	1:114:A:ILE:HB	11	0.22	0.07	0.21
(32,900)	1:81:A:GLU:HA	1:81:A:GLU:HG2	11	0.21	0.04	0.24
(32,900)	1:81:A:GLU:HA	1:81:A:GLU:HG3	11	0.21	0.04	0.24
(9,597)	1:55:A:GLY:H	1:57:A:LEU:H	11	0.21	0.04	0.21
(11,597)	1:55:A:GLY:H	1:57:A:LEU:H	11	0.21	0.04	0.21
(34,607)	1:55:A:GLY:H	1:57:A:LEU:H	11	0.21	0.04	0.21
(3,506)	1:68:A:LYS:H	1:71:A:LYS:H	11	0.19	0.08	0.17
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG11	11	0.18	0.02	0.18
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG12	11	0.18	0.02	0.18
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG13	11	0.18	0.02	0.18
(6,919)	1:81:A:GLU:HA	1:81:A:GLU:HG2	11	0.16	0.04	0.19
(6,919)	1:81:A:GLU:HA	1:81:A:GLU:HG3	11	0.16	0.04	0.19
(34,1467)	1:30:A:LEU:H	1:31:A:PRO:HD3	11	0.16	0.04	0.16
(32,243)	1:57:A:LEU:HD21	1:58:A:ILE:H	11	0.15	0.04	0.14
(32,243)	1:57:A:LEU:HD22	1:58:A:ILE:H	11	0.15	0.04	0.14
(32,243)	1:57:A:LEU:HD23	1:58:A:ILE:H	11	0.15	0.04	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,834)	1:114:A:ILE:HD11	1:115:A:ALA:H	11	0.15	0.04	0.13
(34,834)	1:114:A:ILE:HD12	1:115:A:ALA:H	11	0.15	0.04	0.13
(34,834)	1:114:A:ILE:HD13	1:115:A:ALA:H	11	0.15	0.04	0.13
(11,1157)	1:80:A:TYR:HA	1:80:A:TYR:HD1	11	0.12	0.01	0.12
(11,1157)	1:80:A:TYR:HA	1:80:A:TYR:HD2	11	0.12	0.01	0.12
(15,1141)	1:80:A:TYR:HA	1:80:A:TYR:HD1	11	0.12	0.01	0.12
(15,1141)	1:80:A:TYR:HA	1:80:A:TYR:HD2	11	0.12	0.01	0.12
(15,1931)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	10	2.29	0.71	2.39
(15,1931)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	10	2.29	0.71	2.39
(15,1931)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	10	2.29	0.71	2.39
(15,1931)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	10	2.29	0.71	2.39
(30,1953)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	10	2.29	0.71	2.39
(30,1953)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	10	2.29	0.71	2.39
(30,1953)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	10	2.29	0.71	2.39
(30,1953)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	10	2.29	0.71	2.39
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD11	10	1.92	0.82	1.93
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD12	10	1.92	0.82	1.93
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD13	10	1.92	0.82	1.93
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD11	10	1.92	0.82	1.93
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD12	10	1.92	0.82	1.93
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD13	10	1.92	0.82	1.93
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	10	1.91	0.93	1.88
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	10	1.91	0.93	1.88
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	10	1.91	0.93	1.88
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	10	1.7	0.95	1.86
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	10	1.7	0.95	1.86
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	10	1.7	0.95	1.86
(34,156)	1:67:A:PRO:HD3	1:95:A:ILE:H	10	1.62	1.11	1.28
(13,873)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	10	1.6	0.88	1.67
(13,873)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	10	1.6	0.88	1.67
(13,873)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	10	1.6	0.88	1.67
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	10	1.55	0.46	1.54
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	10	1.55	0.46	1.54
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	10	1.55	0.46	1.54
(29,977)	1:141:A:LYS:HB2	1:149:A:ALA:HA	10	1.54	1.09	1.38
(29,977)	1:141:A:LYS:HB3	1:149:A:ALA:HA	10	1.54	1.09	1.38
(1,861)	1:43:A:MET:HE1	1:131:A:LEU:HB3	10	1.51	1.01	1.3
(1,861)	1:43:A:MET:HE2	1:131:A:LEU:HB3	10	1.51	1.01	1.3
(1,861)	1:43:A:MET:HE3	1:131:A:LEU:HB3	10	1.51	1.01	1.3
(29,726)	1:44:A:GLU:HB2	1:54:A:ARG:HE	10	1.48	0.75	1.22
(29,726)	1:44:A:GLU:HB3	1:54:A:ARG:HE	10	1.48	0.75	1.22
(30,716)	1:44:A:GLU:HB2	1:54:A:ARG:HE	10	1.48	0.75	1.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,716)	1:44:A:GLU:HB3	1:54:A:ARG:HE	10	1.48	0.75	1.22
(32,701)	1:44:A:GLU:HB2	1:54:A:ARG:HE	10	1.48	0.75	1.22
(32,701)	1:44:A:GLU:HB3	1:54:A:ARG:HE	10	1.48	0.75	1.22
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB1	10	1.48	0.98	1.38
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB2	10	1.48	0.98	1.38
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB3	10	1.48	0.98	1.38
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB1	10	1.48	0.98	1.38
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB2	10	1.48	0.98	1.38
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB3	10	1.48	0.98	1.38
(29,850)	1:48:A:ARG:HD2	1:49:A:LYS:HA	10	1.43	0.71	1.76
(29,850)	1:48:A:ARG:HD3	1:49:A:LYS:HA	10	1.43	0.71	1.76
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	10	1.41	0.46	1.4
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	10	1.41	0.46	1.4
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	10	1.41	0.46	1.4
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG11	10	1.37	1.08	1.1
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG12	10	1.37	1.08	1.1
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG13	10	1.37	1.08	1.1
(1,162)	1:67:A:PRO:HD3	1:95:A:ILE:H	10	1.36	1.11	1.02
(17,154)	1:67:A:PRO:HD3	1:95:A:ILE:H	10	1.36	1.11	1.02
(29,1349)	1:17:A:ASN:HA	1:76:A:ARG:HA	10	1.36	1.53	0.68
(1,1332)	1:106:A:ASP:HA	1:112:A:GLN:HE21	10	1.36	0.48	1.42
(15,1327)	1:106:A:ASP:HA	1:112:A:GLN:HE21	10	1.36	0.48	1.42
(32,1297)	1:106:A:ASP:HA	1:112:A:GLN:HE21	10	1.36	0.48	1.42
(33,1329)	1:106:A:ASP:HA	1:112:A:GLN:HE21	10	1.36	0.48	1.42
(16,1393)	1:19:A:ALA:HB1	1:132:A:ALA:HA	10	1.35	0.6	1.22
(16,1393)	1:19:A:ALA:HB2	1:132:A:ALA:HA	10	1.35	0.6	1.22
(16,1393)	1:19:A:ALA:HB3	1:132:A:ALA:HA	10	1.35	0.6	1.22
(3,1414)	1:19:A:ALA:HB1	1:132:A:ALA:HA	10	1.34	0.6	1.2
(3,1414)	1:19:A:ALA:HB2	1:132:A:ALA:HA	10	1.34	0.6	1.2
(3,1414)	1:19:A:ALA:HB3	1:132:A:ALA:HA	10	1.34	0.6	1.2
(15,1386)	1:19:A:ALA:HB1	1:132:A:ALA:HA	10	1.34	0.6	1.2
(15,1386)	1:19:A:ALA:HB2	1:132:A:ALA:HA	10	1.34	0.6	1.2
(15,1386)	1:19:A:ALA:HB3	1:132:A:ALA:HA	10	1.34	0.6	1.2
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG11	10	1.28	0.97	1.02
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG12	10	1.28	0.97	1.02
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG13	10	1.28	0.97	1.02
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG21	10	1.28	0.97	1.02
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG22	10	1.28	0.97	1.02
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG23	10	1.28	0.97	1.02
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG11	10	1.28	0.97	1.02
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG12	10	1.28	0.97	1.02
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG13	10	1.28	0.97	1.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG21	10	1.28	0.97	1.02
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG22	10	1.28	0.97	1.02
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG23	10	1.28	0.97	1.02
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG11	10	1.28	0.97	1.02
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG12	10	1.28	0.97	1.02
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG13	10	1.28	0.97	1.02
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG21	10	1.28	0.97	1.02
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG22	10	1.28	0.97	1.02
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG23	10	1.28	0.97	1.02
(3,1976)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	10	1.26	0.73	1.25
(3,1976)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	10	1.26	0.73	1.25
(3,1976)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	10	1.26	0.73	1.25
(3,1976)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	10	1.26	0.73	1.25
(9,1943)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	10	1.26	0.73	1.25
(9,1943)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	10	1.26	0.73	1.25
(9,1943)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	10	1.26	0.73	1.25
(9,1943)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	10	1.26	0.73	1.25
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG11	10	1.26	0.97	1.0
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG12	10	1.26	0.97	1.0
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG13	10	1.26	0.97	1.0
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG21	10	1.26	0.97	1.0
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG22	10	1.26	0.97	1.0
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG23	10	1.26	0.97	1.0
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG11	10	1.26	0.97	1.0
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG12	10	1.26	0.97	1.0
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG13	10	1.26	0.97	1.0
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG21	10	1.26	0.97	1.0
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG22	10	1.26	0.97	1.0
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG23	10	1.26	0.97	1.0
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG11	10	1.26	0.97	1.0
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG12	10	1.26	0.97	1.0
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG13	10	1.26	0.97	1.0
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG21	10	1.26	0.97	1.0
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG22	10	1.26	0.97	1.0
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG23	10	1.26	0.97	1.0
(16,2151)	1:43:A:MET:HE1	1:131:A:LEU:HB2	10	1.26	0.85	1.12
(16,2151)	1:43:A:MET:HE1	1:131:A:LEU:HB3	10	1.26	0.85	1.12
(16,2151)	1:43:A:MET:HE2	1:131:A:LEU:HB2	10	1.26	0.85	1.12
(16,2151)	1:43:A:MET:HE2	1:131:A:LEU:HB3	10	1.26	0.85	1.12
(16,2151)	1:43:A:MET:HE3	1:131:A:LEU:HB2	10	1.26	0.85	1.12
(16,2151)	1:43:A:MET:HE3	1:131:A:LEU:HB3	10	1.26	0.85	1.12
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	10	1.26	0.65	1.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	10	1.26	0.65	1.32
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	10	1.26	0.65	1.32
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	10	1.26	0.65	1.32
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	10	1.26	0.65	1.32
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	10	1.26	0.65	1.32
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	10	1.26	0.65	1.32
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	10	1.26	0.65	1.32
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	10	1.26	0.65	1.32
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	10	1.26	0.65	1.32
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	10	1.26	0.65	1.32
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	10	1.26	0.65	1.32
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	10	1.26	0.65	1.32
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	10	1.26	0.65	1.32
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	10	1.26	0.65	1.32
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG11	10	1.24	0.97	0.98
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG12	10	1.24	0.97	0.98
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG13	10	1.24	0.97	0.98
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG21	10	1.24	0.97	0.98
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG22	10	1.24	0.97	0.98
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG23	10	1.24	0.97	0.98
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG11	10	1.24	0.97	0.98
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG12	10	1.24	0.97	0.98
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG13	10	1.24	0.97	0.98
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG21	10	1.24	0.97	0.98
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG22	10	1.24	0.97	0.98
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG23	10	1.24	0.97	0.98
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG11	10	1.24	0.97	0.98
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG12	10	1.24	0.97	0.98
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG13	10	1.24	0.97	0.98
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG21	10	1.24	0.97	0.98
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG22	10	1.24	0.97	0.98
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG23	10	1.24	0.97	0.98
(1,1881)	1:9:A:PHE:HE1	1:14:A:VAL:HB	10	1.24	0.68	1.44
(1,1881)	1:9:A:PHE:HE2	1:14:A:VAL:HB	10	1.24	0.68	1.44
(18,1696)	1:67:A:PRO:HD2	1:95:A:ILE:HA	10	1.19	0.69	1.03
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	10	1.18	0.68	1.08
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	10	1.18	0.68	1.08
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	10	1.18	0.68	1.08
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	10	1.18	0.68	1.08
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	10	1.18	0.68	1.08
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	10	1.18	0.68	1.08
(18,1775)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	10	1.18	0.46	1.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,1775)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	10	1.18	0.46	1.4
(18,1775)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	10	1.18	0.46	1.4
(18,1775)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	10	1.18	0.46	1.4
(3,1742)	1:67:A:PRO:HD2	1:95:A:ILE:HA	10	1.16	0.69	1.01
(5,1733)	1:67:A:PRO:HD2	1:95:A:ILE:HA	10	1.16	0.69	1.01
(17,1724)	1:67:A:PRO:HD2	1:95:A:ILE:HA	10	1.16	0.69	1.01
(1,1721)	1:67:A:PRO:HD2	1:95:A:ILE:HA	10	1.15	0.69	1.0
(6,1712)	1:67:A:PRO:HD2	1:95:A:ILE:HA	10	1.15	0.69	1.0
(9,1703)	1:67:A:PRO:HD2	1:95:A:ILE:HA	10	1.15	0.69	1.0
(34,1721)	1:67:A:PRO:HD2	1:95:A:ILE:HA	10	1.15	0.69	1.0
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG21	10	1.15	0.98	0.74
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG22	10	1.15	0.98	0.74
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG23	10	1.15	0.98	0.74
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG21	10	1.15	0.98	0.74
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG22	10	1.15	0.98	0.74
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG23	10	1.15	0.98	0.74
(4,1615)	1:18:A:PHE:HZ	1:60:A:LEU:HA	10	1.1	0.59	1.23
(15,1634)	1:18:A:PHE:HZ	1:60:A:LEU:HA	10	1.1	0.59	1.23
(17,1657)	1:18:A:PHE:HZ	1:60:A:LEU:HA	10	1.1	0.59	1.23
(33,881)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	10	1.09	0.68	0.94
(33,881)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	10	1.09	0.68	0.94
(32,1357)	1:19:A:ALA:HB1	1:132:A:ALA:HA	10	1.08	0.6	0.94
(32,1357)	1:19:A:ALA:HB2	1:132:A:ALA:HA	10	1.08	0.6	0.94
(32,1357)	1:19:A:ALA:HB3	1:132:A:ALA:HA	10	1.08	0.6	0.94
(29,1638)	1:79:A:THR:HB	1:80:A:TYR:HB2	10	1.07	0.38	1.32
(2,1781)	1:141:A:LYS:HA	1:149:A:ALA:H	10	1.05	0.59	0.94
(4,1743)	1:141:A:LYS:HA	1:149:A:ALA:H	10	1.05	0.59	0.94
(13,1728)	1:141:A:LYS:HA	1:149:A:ALA:H	10	1.05	0.59	0.94
(15,1750)	1:141:A:LYS:HA	1:149:A:ALA:H	10	1.05	0.59	0.94
(18,1744)	1:141:A:LYS:HA	1:149:A:ALA:H	10	1.05	0.59	0.94
(32,1724)	1:141:A:LYS:HA	1:149:A:ALA:H	10	1.05	0.59	0.94
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	10	1.04	0.4	1.02
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	10	1.04	0.4	1.02
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	10	1.04	0.4	1.02
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	10	1.04	0.4	1.02
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	10	1.04	0.4	1.02
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	10	1.04	0.4	1.02
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	10	1.04	0.4	1.02
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	10	1.04	0.4	1.02
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	10	1.04	0.4	1.02
(6,1904)	1:18:A:PHE:HE1	1:117:A:VAL:HA	10	1.03	0.55	0.96
(6,1904)	1:18:A:PHE:HE2	1:117:A:VAL:HA	10	1.03	0.55	0.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG11	10	1.01	0.58	1.1
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG12	10	1.01	0.58	1.1
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG13	10	1.01	0.58	1.1
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG11	10	1.01	0.58	1.1
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG12	10	1.01	0.58	1.1
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG13	10	1.01	0.58	1.1
(4,1868)	1:18:A:PHE:HE1	1:117:A:VAL:HA	10	1.0	0.55	0.92
(4,1868)	1:18:A:PHE:HE2	1:117:A:VAL:HA	10	1.0	0.55	0.92
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	10	0.98	0.56	0.88
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	10	0.98	0.56	0.88
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	10	0.98	0.56	0.88
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	10	0.98	0.56	0.88
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	10	0.98	0.56	0.88
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	10	0.98	0.56	0.88
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	10	0.97	0.56	0.87
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	10	0.97	0.56	0.87
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	10	0.97	0.56	0.87
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	10	0.97	0.56	0.87
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	10	0.97	0.56	0.87
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	10	0.97	0.56	0.87
(1,1079)	1:54:A:ARG:HA	1:58:A:ILE:HG13	10	0.97	0.66	0.73
(13,1052)	1:54:A:ARG:HA	1:58:A:ILE:HG13	10	0.97	0.66	0.73
(18,1082)	1:54:A:ARG:HA	1:58:A:ILE:HG13	10	0.97	0.66	0.73
(32,1039)	1:54:A:ARG:HA	1:58:A:ILE:HG13	10	0.97	0.66	0.73
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	10	0.95	0.55	0.9
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	10	0.95	0.55	0.9
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	10	0.95	0.55	0.9
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD21	10	0.95	0.55	0.9
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD22	10	0.95	0.55	0.9
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD23	10	0.95	0.55	0.9
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	10	0.94	0.46	0.94
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	10	0.94	0.46	0.94
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	10	0.94	0.46	0.94
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	10	0.94	0.46	0.94
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	10	0.94	0.46	0.94
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	10	0.94	0.46	0.94
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	10	0.94	0.46	0.94
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	10	0.94	0.46	0.94
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	10	0.94	0.46	0.94
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	10	0.94	0.46	0.94
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	10	0.94	0.46	0.94
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	10	0.94	0.46	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,1893)	1:18:A:PHE:HE1	1:117:A:VAL:HA	10	0.94	0.55	0.86
(33,1893)	1:18:A:PHE:HE2	1:117:A:VAL:HA	10	0.94	0.55	0.86
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	10	0.91	0.58	0.72
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	10	0.91	0.58	0.72
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	10	0.91	0.58	0.72
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	10	0.91	0.58	0.72
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	10	0.91	0.58	0.72
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	10	0.91	0.58	0.72
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	10	0.91	0.58	0.72
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	10	0.91	0.58	0.72
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	10	0.91	0.58	0.72
(18,602)	1:75:A:GLY:H	1:77:A:CYS:HB3	10	0.91	0.42	0.92
(30,2044)	1:27:A:ARG:HB2	1:29:A:LYS:H	10	0.9	0.65	0.98
(30,2044)	1:27:A:ARG:HB3	1:29:A:LYS:H	10	0.9	0.65	0.98
(3,1937)	1:35:A:LEU:HG	1:80:A:TYR:HE1	10	0.89	0.51	1.06
(3,1937)	1:35:A:LEU:HG	1:80:A:TYR:HE2	10	0.89	0.51	1.06
(6,1920)	1:35:A:LEU:HG	1:80:A:TYR:HE1	10	0.89	0.51	1.06
(6,1920)	1:35:A:LEU:HG	1:80:A:TYR:HE2	10	0.89	0.51	1.06
(11,1931)	1:35:A:LEU:HG	1:80:A:TYR:HE1	10	0.89	0.51	1.06
(11,1931)	1:35:A:LEU:HG	1:80:A:TYR:HE2	10	0.89	0.51	1.06
(33,1909)	1:35:A:LEU:HG	1:80:A:TYR:HE1	10	0.89	0.51	1.06
(33,1909)	1:35:A:LEU:HG	1:80:A:TYR:HE2	10	0.89	0.51	1.06
(11,94)	1:95:A:ILE:HG21	1:97:A:ASP:H	10	0.89	0.3	0.74
(11,94)	1:95:A:ILE:HG22	1:97:A:ASP:H	10	0.89	0.3	0.74
(11,94)	1:95:A:ILE:HG23	1:97:A:ASP:H	10	0.89	0.3	0.74
(16,1882)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	10	0.89	0.5	0.87
(16,1882)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	10	0.89	0.5	0.87
(16,1882)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	10	0.89	0.5	0.87
(16,1882)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	10	0.89	0.5	0.87
(16,1882)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	10	0.89	0.5	0.87
(16,1882)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	10	0.89	0.5	0.87
(13,701)	1:45:A:ALA:H	1:48:A:ARG:HE	10	0.88	1.18	0.5
(2,2134)	1:39:A:VAL:HG11	1:144:A:LEU:H	10	0.88	0.23	0.85
(2,2134)	1:39:A:VAL:HG12	1:144:A:LEU:H	10	0.88	0.23	0.85
(2,2134)	1:39:A:VAL:HG13	1:144:A:LEU:H	10	0.88	0.23	0.85
(2,2134)	1:39:A:VAL:HG21	1:144:A:LEU:H	10	0.88	0.23	0.85
(2,2134)	1:39:A:VAL:HG22	1:144:A:LEU:H	10	0.88	0.23	0.85
(2,2134)	1:39:A:VAL:HG23	1:144:A:LEU:H	10	0.88	0.23	0.85
(6,1336)	1:105:A:LYS:HG2	1:106:A:ASP:HA	10	0.87	0.12	0.78
(9,1732)	1:105:A:LYS:HG2	1:106:A:ASP:HA	10	0.87	0.12	0.78
(15,1340)	1:105:A:LYS:HG2	1:106:A:ASP:HA	10	0.87	0.12	0.78
(7,92)	1:95:A:ILE:HG21	1:97:A:ASP:H	10	0.87	0.3	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,92)	1:95:A:ILE:HG22	1:97:A:ASP:H	10	0.87	0.3	0.72
(7,92)	1:95:A:ILE:HG23	1:97:A:ASP:H	10	0.87	0.3	0.72
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD11	10	0.87	0.62	0.56
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD12	10	0.87	0.62	0.56
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD13	10	0.87	0.62	0.56
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD21	10	0.87	0.62	0.56
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD22	10	0.87	0.62	0.56
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD23	10	0.87	0.62	0.56
(4,1545)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	10	0.86	0.64	0.64
(4,1545)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	10	0.86	0.64	0.64
(4,1545)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	10	0.86	0.64	0.64
(9,1836)	1:13:A:ALA:HA	1:80:A:TYR:HE1	10	0.86	0.43	0.69
(9,1836)	1:13:A:ALA:HA	1:80:A:TYR:HE2	10	0.86	0.43	0.69
(33,1841)	1:13:A:ALA:HA	1:80:A:TYR:HE1	10	0.86	0.43	0.69
(33,1841)	1:13:A:ALA:HA	1:80:A:TYR:HE2	10	0.86	0.43	0.69
(32,607)	1:35:A:LEU:H	1:80:A:TYR:HB2	10	0.85	0.5	0.65
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD11	10	0.84	0.31	0.8
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD12	10	0.84	0.31	0.8
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD13	10	0.84	0.31	0.8
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD21	10	0.84	0.31	0.8
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD22	10	0.84	0.31	0.8
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD23	10	0.84	0.31	0.8
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD11	10	0.84	0.31	0.8
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD12	10	0.84	0.31	0.8
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD13	10	0.84	0.31	0.8
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD21	10	0.84	0.31	0.8
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD22	10	0.84	0.31	0.8
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD23	10	0.84	0.31	0.8
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD11	10	0.84	0.31	0.8
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD12	10	0.84	0.31	0.8
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD13	10	0.84	0.31	0.8
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD21	10	0.84	0.31	0.8
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD22	10	0.84	0.31	0.8
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD23	10	0.84	0.31	0.8
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	10	0.84	0.36	0.88
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	10	0.84	0.36	0.88
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	10	0.84	0.36	0.88
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	10	0.84	0.36	0.88
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	10	0.84	0.36	0.88
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	10	0.84	0.36	0.88
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	10	0.84	0.36	0.88
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	10	0.84	0.36	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	10	0.84	0.36	0.88
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	10	0.84	0.36	0.88
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	10	0.84	0.36	0.88
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	10	0.84	0.36	0.88
(18,982)	1:68:A:LYS:HG2	1:109:A:PRO:HB2	10	0.84	0.43	0.82
(18,982)	1:68:A:LYS:HG2	1:109:A:PRO:HB3	10	0.84	0.43	0.82
(18,982)	1:68:A:LYS:HG3	1:109:A:PRO:HB2	10	0.84	0.43	0.82
(18,982)	1:68:A:LYS:HG3	1:109:A:PRO:HB3	10	0.84	0.43	0.82
(5,1809)	1:13:A:ALA:H	1:80:A:TYR:HD1	10	0.83	0.44	0.74
(5,1809)	1:13:A:ALA:H	1:80:A:TYR:HD2	10	0.83	0.44	0.74
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD11	10	0.83	0.62	0.52
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD12	10	0.83	0.62	0.52
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD13	10	0.83	0.62	0.52
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD21	10	0.83	0.62	0.52
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD22	10	0.83	0.62	0.52
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD23	10	0.83	0.62	0.52
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	10	0.82	0.36	0.86
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	10	0.82	0.36	0.86
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	10	0.82	0.36	0.86
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	10	0.82	0.36	0.86
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	10	0.82	0.36	0.86
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	10	0.82	0.36	0.86
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	10	0.82	0.36	0.86
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	10	0.82	0.36	0.86
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	10	0.82	0.36	0.86
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	10	0.82	0.36	0.86
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	10	0.82	0.36	0.86
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	10	0.82	0.36	0.86
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD11	10	0.81	0.62	0.5
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD12	10	0.81	0.62	0.5
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD13	10	0.81	0.62	0.5
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD21	10	0.81	0.62	0.5
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD22	10	0.81	0.62	0.5
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD23	10	0.81	0.62	0.5
(11,1915)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	10	0.79	0.5	0.77
(11,1915)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	10	0.79	0.5	0.77
(11,1915)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	10	0.79	0.5	0.77
(11,1915)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	10	0.79	0.5	0.77
(11,1915)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	10	0.79	0.5	0.77
(11,1915)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	10	0.79	0.5	0.77
(9,1470)	1:95:A:ILE:HG21	1:97:A:ASP:H	10	0.78	0.3	0.63
(9,1470)	1:95:A:ILE:HG22	1:97:A:ASP:H	10	0.78	0.3	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,1470)	1:95:A:ILE:HG23	1:97:A:ASP:H	10	0.78	0.3	0.63
(33,1470)	1:95:A:ILE:HG21	1:97:A:ASP:H	10	0.78	0.3	0.63
(33,1470)	1:95:A:ILE:HG22	1:97:A:ASP:H	10	0.78	0.3	0.63
(33,1470)	1:95:A:ILE:HG23	1:97:A:ASP:H	10	0.78	0.3	0.63
(15,2279)	1:96:A:VAL:HG11	1:116:A:GLN:HG2	10	0.78	0.71	0.54
(15,2279)	1:96:A:VAL:HG12	1:116:A:GLN:HG2	10	0.78	0.71	0.54
(15,2279)	1:96:A:VAL:HG13	1:116:A:GLN:HG2	10	0.78	0.71	0.54
(15,2279)	1:96:A:VAL:HG21	1:116:A:GLN:HG2	10	0.78	0.71	0.54
(15,2279)	1:96:A:VAL:HG22	1:116:A:GLN:HG2	10	0.78	0.71	0.54
(15,2279)	1:96:A:VAL:HG23	1:116:A:GLN:HG2	10	0.78	0.71	0.54
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD11	10	0.76	0.62	0.45
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD12	10	0.76	0.62	0.45
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD13	10	0.76	0.62	0.45
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD21	10	0.76	0.62	0.45
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD22	10	0.76	0.62	0.45
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD23	10	0.76	0.62	0.45
(1,498)	1:97:A:ASP:HB2	1:105:A:LYS:H	10	0.75	0.24	0.77
(1,498)	1:97:A:ASP:HB3	1:105:A:LYS:H	10	0.75	0.24	0.77
(2,1880)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	10	0.75	0.66	0.3
(2,1880)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	10	0.75	0.66	0.3
(3,1881)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	10	0.75	0.66	0.3
(3,1881)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	10	0.75	0.66	0.3
(5,1880)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	10	0.75	0.66	0.3
(5,1880)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	10	0.75	0.66	0.3
(6,491)	1:97:A:ASP:HB2	1:105:A:LYS:H	10	0.75	0.24	0.77
(6,491)	1:97:A:ASP:HB3	1:105:A:LYS:H	10	0.75	0.24	0.77
(7,496)	1:97:A:ASP:HB2	1:105:A:LYS:H	10	0.75	0.24	0.77
(7,496)	1:97:A:ASP:HB3	1:105:A:LYS:H	10	0.75	0.24	0.77
(11,494)	1:97:A:ASP:HB2	1:105:A:LYS:H	10	0.75	0.24	0.77
(11,494)	1:97:A:ASP:HB3	1:105:A:LYS:H	10	0.75	0.24	0.77
(11,1875)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	10	0.75	0.66	0.3
(11,1875)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	10	0.75	0.66	0.3
(17,488)	1:97:A:ASP:HB2	1:105:A:LYS:H	10	0.75	0.24	0.77
(17,488)	1:97:A:ASP:HB3	1:105:A:LYS:H	10	0.75	0.24	0.77
(18,509)	1:97:A:ASP:HB2	1:105:A:LYS:H	10	0.75	0.24	0.77
(18,509)	1:97:A:ASP:HB3	1:105:A:LYS:H	10	0.75	0.24	0.77
(30,1855)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	10	0.75	0.66	0.3
(30,1855)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	10	0.75	0.66	0.3
(33,1851)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	10	0.75	0.66	0.3
(33,1851)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	10	0.75	0.66	0.3
(34,505)	1:97:A:ASP:HB2	1:105:A:LYS:H	10	0.75	0.24	0.77
(34,505)	1:97:A:ASP:HB3	1:105:A:LYS:H	10	0.75	0.24	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,1863)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	10	0.75	0.66	0.3
(34,1863)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	10	0.75	0.66	0.3
(30,2134)	1:39:A:VAL:HG11	1:144:A:LEU:H	10	0.75	0.23	0.72
(30,2134)	1:39:A:VAL:HG12	1:144:A:LEU:H	10	0.75	0.23	0.72
(30,2134)	1:39:A:VAL:HG13	1:144:A:LEU:H	10	0.75	0.23	0.72
(30,2134)	1:39:A:VAL:HG21	1:144:A:LEU:H	10	0.75	0.23	0.72
(30,2134)	1:39:A:VAL:HG22	1:144:A:LEU:H	10	0.75	0.23	0.72
(30,2134)	1:39:A:VAL:HG23	1:144:A:LEU:H	10	0.75	0.23	0.72
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE1	10	0.75	0.32	0.82
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE2	10	0.75	0.32	0.82
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE3	10	0.75	0.32	0.82
(30,2426)	1:136:A:CYS:HB2	1:141:A:LYS:HA	10	0.74	0.51	0.67
(30,2426)	1:136:A:CYS:HB3	1:141:A:LYS:HA	10	0.74	0.51	0.67
(33,2018)	1:18:A:PHE:HB2	1:132:A:ALA:HA	10	0.74	0.38	0.62
(33,2018)	1:18:A:PHE:HB3	1:132:A:ALA:HA	10	0.74	0.38	0.62
(3,1795)	1:39:A:VAL:HG21	1:144:A:LEU:H	10	0.74	0.38	0.62
(3,1795)	1:39:A:VAL:HG22	1:144:A:LEU:H	10	0.74	0.38	0.62
(3,1795)	1:39:A:VAL:HG23	1:144:A:LEU:H	10	0.74	0.38	0.62
(5,1788)	1:39:A:VAL:HG21	1:144:A:LEU:H	10	0.74	0.38	0.62
(5,1788)	1:39:A:VAL:HG22	1:144:A:LEU:H	10	0.74	0.38	0.62
(5,1788)	1:39:A:VAL:HG23	1:144:A:LEU:H	10	0.74	0.38	0.62
(7,1726)	1:39:A:VAL:HG21	1:144:A:LEU:H	10	0.74	0.38	0.62
(7,1726)	1:39:A:VAL:HG22	1:144:A:LEU:H	10	0.74	0.38	0.62
(7,1726)	1:39:A:VAL:HG23	1:144:A:LEU:H	10	0.74	0.38	0.62
(11,1798)	1:39:A:VAL:HG21	1:144:A:LEU:H	10	0.74	0.38	0.62
(11,1798)	1:39:A:VAL:HG22	1:144:A:LEU:H	10	0.74	0.38	0.62
(11,1798)	1:39:A:VAL:HG23	1:144:A:LEU:H	10	0.74	0.38	0.62
(16,1756)	1:39:A:VAL:HG21	1:144:A:LEU:H	10	0.74	0.38	0.62
(16,1756)	1:39:A:VAL:HG22	1:144:A:LEU:H	10	0.74	0.38	0.62
(16,1756)	1:39:A:VAL:HG23	1:144:A:LEU:H	10	0.74	0.38	0.62
(17,1778)	1:39:A:VAL:HG21	1:144:A:LEU:H	10	0.74	0.38	0.62
(17,1778)	1:39:A:VAL:HG22	1:144:A:LEU:H	10	0.74	0.38	0.62
(17,1778)	1:39:A:VAL:HG23	1:144:A:LEU:H	10	0.74	0.38	0.62
(29,1784)	1:39:A:VAL:HG21	1:144:A:LEU:H	10	0.74	0.38	0.62
(29,1784)	1:39:A:VAL:HG22	1:144:A:LEU:H	10	0.74	0.38	0.62
(29,1784)	1:39:A:VAL:HG23	1:144:A:LEU:H	10	0.74	0.38	0.62
(30,1766)	1:39:A:VAL:HG21	1:144:A:LEU:H	10	0.74	0.38	0.62
(30,1766)	1:39:A:VAL:HG22	1:144:A:LEU:H	10	0.74	0.38	0.62
(30,1766)	1:39:A:VAL:HG23	1:144:A:LEU:H	10	0.74	0.38	0.62
(3,2104)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	10	0.74	0.42	0.75
(3,2104)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	10	0.74	0.42	0.75
(3,2104)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	10	0.74	0.42	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,2104)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	10	0.74	0.42	0.75
(3,2104)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	10	0.74	0.42	0.75
(3,2104)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	10	0.74	0.42	0.75
(3,2104)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	10	0.74	0.42	0.75
(3,2104)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	10	0.74	0.42	0.75
(3,2104)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	10	0.74	0.42	0.75
(3,2104)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	10	0.74	0.42	0.75
(3,2104)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	10	0.74	0.42	0.75
(3,2104)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	10	0.74	0.42	0.75
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD11	10	0.74	0.62	0.43
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD12	10	0.74	0.62	0.43
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD13	10	0.74	0.62	0.43
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD21	10	0.74	0.62	0.43
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD22	10	0.74	0.62	0.43
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD23	10	0.74	0.62	0.43
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	10	0.74	0.23	0.72
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	10	0.74	0.23	0.72
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	10	0.74	0.23	0.72
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG21	10	0.74	0.23	0.72
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG22	10	0.74	0.23	0.72
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG23	10	0.74	0.23	0.72
(13,2237)	1:74:A:PRO:HA	1:77:A:CYS:HB2	10	0.74	0.42	0.66
(13,2237)	1:74:A:PRO:HA	1:77:A:CYS:HB3	10	0.74	0.42	0.66
(17,2272)	1:74:A:PRO:HA	1:77:A:CYS:HB2	10	0.74	0.42	0.66
(17,2272)	1:74:A:PRO:HA	1:77:A:CYS:HB3	10	0.74	0.42	0.66
(32,2263)	1:74:A:PRO:HA	1:77:A:CYS:HB2	10	0.74	0.42	0.66
(32,2263)	1:74:A:PRO:HA	1:77:A:CYS:HB3	10	0.74	0.42	0.66
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	10	0.73	0.46	0.74
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	10	0.73	0.46	0.74
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	10	0.73	0.46	0.74
(4,1243)	1:15:A:ALA:HA	1:131:A:LEU:HB2	10	0.73	0.5	0.55
(7,1248)	1:15:A:ALA:HA	1:131:A:LEU:HB2	10	0.73	0.5	0.55
(18,1269)	1:15:A:ALA:HA	1:131:A:LEU:HB2	10	0.73	0.5	0.55
(32,1237)	1:15:A:ALA:HA	1:131:A:LEU:HB2	10	0.73	0.5	0.55
(9,917)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	10	0.73	0.34	0.87
(9,917)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	10	0.73	0.34	0.87
(9,917)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	10	0.73	0.34	0.87
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	10	0.72	0.64	0.39
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	10	0.72	0.64	0.39
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	10	0.72	0.64	0.39
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	10	0.72	0.64	0.39
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	10	0.72	0.64	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	10	0.72	0.64	0.39
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	10	0.72	0.64	0.39
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	10	0.72	0.64	0.39
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	10	0.72	0.64	0.39
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	10	0.72	0.64	0.39
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	10	0.72	0.64	0.39
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	10	0.72	0.64	0.39
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	10	0.72	0.64	0.39
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	10	0.72	0.64	0.39
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	10	0.72	0.64	0.39
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	10	0.72	0.64	0.39
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	10	0.72	0.64	0.39
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	10	0.72	0.64	0.39
(5,1296)	1:14:A:VAL:HG21	1:60:A:LEU:H	10	0.71	0.29	0.72
(5,1296)	1:14:A:VAL:HG22	1:60:A:LEU:H	10	0.71	0.29	0.72
(5,1296)	1:14:A:VAL:HG23	1:60:A:LEU:H	10	0.71	0.29	0.72
(2,92)	1:95:A:ILE:HG21	1:97:A:ASP:H	10	0.71	0.3	0.56
(2,92)	1:95:A:ILE:HG22	1:97:A:ASP:H	10	0.71	0.3	0.56
(2,92)	1:95:A:ILE:HG23	1:97:A:ASP:H	10	0.71	0.3	0.56
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD11	10	0.7	0.34	0.68
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD12	10	0.7	0.34	0.68
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD13	10	0.7	0.34	0.68
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD21	10	0.7	0.34	0.68
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD22	10	0.7	0.34	0.68
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD23	10	0.7	0.34	0.68
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD21	10	0.7	0.4	0.65
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD22	10	0.7	0.4	0.65
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD23	10	0.7	0.4	0.65
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD21	10	0.7	0.4	0.65
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD22	10	0.7	0.4	0.65
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD23	10	0.7	0.4	0.65
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG11	10	0.69	0.55	0.51
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG12	10	0.69	0.55	0.51
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG13	10	0.69	0.55	0.51
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG21	10	0.69	0.55	0.51
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG22	10	0.69	0.55	0.51
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG23	10	0.69	0.55	0.51
(30,2277)	1:75:A:GLY:HA2	1:77:A:CYS:HB2	10	0.67	0.34	0.7
(30,2277)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	10	0.67	0.34	0.7
(16,2038)	1:23:A:LEU:HD11	1:27:A:ARG:HB2	10	0.66	0.33	0.64
(16,2038)	1:23:A:LEU:HD11	1:27:A:ARG:HB3	10	0.66	0.33	0.64
(16,2038)	1:23:A:LEU:HD12	1:27:A:ARG:HB2	10	0.66	0.33	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,2038)	1:23:A:LEU:HD12	1:27:A:ARG:HB3	10	0.66	0.33	0.64
(16,2038)	1:23:A:LEU:HD13	1:27:A:ARG:HB2	10	0.66	0.33	0.64
(16,2038)	1:23:A:LEU:HD13	1:27:A:ARG:HB3	10	0.66	0.33	0.64
(16,2038)	1:23:A:LEU:HD21	1:27:A:ARG:HB2	10	0.66	0.33	0.64
(16,2038)	1:23:A:LEU:HD21	1:27:A:ARG:HB3	10	0.66	0.33	0.64
(16,2038)	1:23:A:LEU:HD22	1:27:A:ARG:HB2	10	0.66	0.33	0.64
(16,2038)	1:23:A:LEU:HD22	1:27:A:ARG:HB3	10	0.66	0.33	0.64
(16,2038)	1:23:A:LEU:HD23	1:27:A:ARG:HB2	10	0.66	0.33	0.64
(16,2038)	1:23:A:LEU:HD23	1:27:A:ARG:HB3	10	0.66	0.33	0.64
(11,2216)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	10	0.64	0.33	0.52
(11,2216)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	10	0.64	0.33	0.52
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	10	0.64	0.38	0.61
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	10	0.64	0.38	0.61
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	10	0.64	0.38	0.61
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	10	0.64	0.38	0.61
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	10	0.64	0.38	0.61
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	10	0.64	0.38	0.61
(18,2015)	1:18:A:PHE:HB2	1:132:A:ALA:HA	10	0.64	0.38	0.52
(18,2015)	1:18:A:PHE:HB3	1:132:A:ALA:HA	10	0.64	0.38	0.52
(32,1423)	1:15:A:ALA:HB1	1:132:A:ALA:HA	10	0.64	0.39	0.64
(32,1423)	1:15:A:ALA:HB2	1:132:A:ALA:HA	10	0.64	0.39	0.64
(32,1423)	1:15:A:ALA:HB3	1:132:A:ALA:HA	10	0.64	0.39	0.64
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD11	10	0.63	0.35	0.63
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD12	10	0.63	0.35	0.63
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD13	10	0.63	0.35	0.63
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD21	10	0.63	0.35	0.63
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD22	10	0.63	0.35	0.63
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD23	10	0.63	0.35	0.63
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD11	10	0.63	0.35	0.63
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD12	10	0.63	0.35	0.63
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD13	10	0.63	0.35	0.63
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD21	10	0.63	0.35	0.63
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD22	10	0.63	0.35	0.63
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD23	10	0.63	0.35	0.63
(3,1940)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	10	0.62	0.47	0.4
(6,1924)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	10	0.62	0.47	0.4
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG11	10	0.6	0.38	0.53
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG12	10	0.6	0.38	0.53
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG13	10	0.6	0.38	0.53
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	10	0.6	0.41	0.46
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	10	0.6	0.41	0.46
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	10	0.6	0.41	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	10	0.6	0.41	0.46
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	10	0.6	0.41	0.46
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	10	0.6	0.41	0.46
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	10	0.6	0.41	0.46
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	10	0.6	0.41	0.46
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	10	0.6	0.41	0.46
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	10	0.6	0.41	0.46
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	10	0.6	0.41	0.46
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	10	0.6	0.41	0.46
(2,968)	1:47:A:ALA:HB1	1:134:A:VAL:HB	10	0.6	0.43	0.44
(2,968)	1:47:A:ALA:HB2	1:134:A:VAL:HB	10	0.6	0.43	0.44
(2,968)	1:47:A:ALA:HB3	1:134:A:VAL:HB	10	0.6	0.43	0.44
(1,2124)	1:40:A:LEU:HD11	1:43:A:MET:HG3	10	0.6	0.34	0.61
(1,2124)	1:40:A:LEU:HD12	1:43:A:MET:HG3	10	0.6	0.34	0.61
(1,2124)	1:40:A:LEU:HD13	1:43:A:MET:HG3	10	0.6	0.34	0.61
(1,2124)	1:40:A:LEU:HD21	1:43:A:MET:HG3	10	0.6	0.34	0.61
(1,2124)	1:40:A:LEU:HD22	1:43:A:MET:HG3	10	0.6	0.34	0.61
(1,2124)	1:40:A:LEU:HD23	1:43:A:MET:HG3	10	0.6	0.34	0.61
(1,1507)	1:114:A:ILE:HG21	1:117:A:VAL:HB	10	0.59	0.64	0.24
(1,1507)	1:114:A:ILE:HG22	1:117:A:VAL:HB	10	0.59	0.64	0.24
(1,1507)	1:114:A:ILE:HG23	1:117:A:VAL:HB	10	0.59	0.64	0.24
(2,1500)	1:114:A:ILE:HG21	1:117:A:VAL:HB	10	0.59	0.64	0.24
(2,1500)	1:114:A:ILE:HG22	1:117:A:VAL:HB	10	0.59	0.64	0.24
(2,1500)	1:114:A:ILE:HG23	1:117:A:VAL:HB	10	0.59	0.64	0.24
(4,1478)	1:114:A:ILE:HG21	1:117:A:VAL:HB	10	0.59	0.64	0.24
(4,1478)	1:114:A:ILE:HG22	1:117:A:VAL:HB	10	0.59	0.64	0.24
(4,1478)	1:114:A:ILE:HG23	1:117:A:VAL:HB	10	0.59	0.64	0.24
(7,1479)	1:114:A:ILE:HG21	1:117:A:VAL:HB	10	0.59	0.64	0.24
(7,1479)	1:114:A:ILE:HG22	1:117:A:VAL:HB	10	0.59	0.64	0.24
(7,1479)	1:114:A:ILE:HG23	1:117:A:VAL:HB	10	0.59	0.64	0.24
(15,1490)	1:114:A:ILE:HG21	1:117:A:VAL:HB	10	0.59	0.64	0.24
(15,1490)	1:114:A:ILE:HG22	1:117:A:VAL:HB	10	0.59	0.64	0.24
(15,1490)	1:114:A:ILE:HG23	1:117:A:VAL:HB	10	0.59	0.64	0.24
(29,1507)	1:114:A:ILE:HG21	1:117:A:VAL:HB	10	0.59	0.64	0.24
(29,1507)	1:114:A:ILE:HG22	1:117:A:VAL:HB	10	0.59	0.64	0.24
(29,1507)	1:114:A:ILE:HG23	1:117:A:VAL:HB	10	0.59	0.64	0.24
(30,1496)	1:114:A:ILE:HG21	1:117:A:VAL:HB	10	0.59	0.64	0.24
(30,1496)	1:114:A:ILE:HG22	1:117:A:VAL:HB	10	0.59	0.64	0.24
(30,1496)	1:114:A:ILE:HG23	1:117:A:VAL:HB	10	0.59	0.64	0.24
(34,1250)	1:105:A:LYS:HG2	1:106:A:ASP:HA	10	0.58	0.12	0.5
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	10	0.58	0.23	0.61
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	10	0.58	0.23	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	10	0.58	0.23	0.61
(4,1787)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	10	0.58	0.35	0.44
(4,1787)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	10	0.58	0.35	0.44
(4,1787)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	10	0.58	0.35	0.44
(4,1787)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	10	0.58	0.35	0.44
(7,1774)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	10	0.58	0.35	0.44
(7,1774)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	10	0.58	0.35	0.44
(7,1774)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	10	0.58	0.35	0.44
(7,1774)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	10	0.58	0.35	0.44
(30,954)	1:15:A:ALA:HB1	1:43:A:MET:HB2	10	0.58	0.15	0.58
(30,954)	1:15:A:ALA:HB2	1:43:A:MET:HB2	10	0.58	0.15	0.58
(30,954)	1:15:A:ALA:HB3	1:43:A:MET:HB2	10	0.58	0.15	0.58
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE1	10	0.58	0.43	0.48
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE2	10	0.58	0.43	0.48
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE3	10	0.58	0.43	0.48
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE1	10	0.58	0.43	0.48
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE2	10	0.58	0.43	0.48
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE3	10	0.58	0.43	0.48
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE1	10	0.58	0.43	0.48
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE2	10	0.58	0.43	0.48
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE3	10	0.58	0.43	0.48
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE1	10	0.58	0.43	0.48
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE2	10	0.58	0.43	0.48
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE3	10	0.58	0.43	0.48
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE1	10	0.58	0.43	0.48
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE2	10	0.58	0.43	0.48
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE3	10	0.58	0.43	0.48
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE1	10	0.58	0.43	0.48
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE2	10	0.58	0.43	0.48
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE3	10	0.58	0.43	0.48
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD21	10	0.56	0.33	0.48
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD22	10	0.56	0.33	0.48
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD23	10	0.56	0.33	0.48
(1,1136)	1:40:A:LEU:HA	1:43:A:MET:HG3	10	0.56	0.34	0.48
(2,1116)	1:40:A:LEU:HA	1:43:A:MET:HG3	10	0.56	0.34	0.48
(16,1136)	1:40:A:LEU:HA	1:43:A:MET:HG3	10	0.56	0.34	0.48
(5,2195)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	10	0.55	0.33	0.44
(5,2195)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	10	0.55	0.33	0.44
(4,1794)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	10	0.55	0.3	0.61
(4,1794)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	10	0.55	0.3	0.61
(13,1431)	1:13:A:ALA:HB1	1:61:A:SER:HA	10	0.55	0.3	0.43
(13,1431)	1:13:A:ALA:HB2	1:61:A:SER:HA	10	0.55	0.3	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1431)	1:13:A:ALA:HB3	1:61:A:SER:HA	10	0.55	0.3	0.43
(5,2065)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	10	0.54	0.34	0.52
(5,2065)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	10	0.54	0.34	0.52
(5,2065)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	10	0.54	0.34	0.52
(5,2065)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	10	0.54	0.34	0.52
(5,2065)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	10	0.54	0.34	0.52
(5,2065)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	10	0.54	0.34	0.52
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	10	0.54	0.34	0.45
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	10	0.54	0.34	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	10	0.54	0.34	0.45
(13,1022)	1:11:A:ILE:HB	1:44:A:GLU:HB2	10	0.52	0.51	0.4
(13,1022)	1:11:A:ILE:HB	1:44:A:GLU:HB3	10	0.52	0.51	0.4
(17,1045)	1:11:A:ILE:HB	1:44:A:GLU:HB2	10	0.52	0.51	0.4
(17,1045)	1:11:A:ILE:HB	1:44:A:GLU:HB3	10	0.52	0.51	0.4
(33,956)	1:40:A:LEU:HA	1:43:A:MET:HG2	10	0.51	0.33	0.37
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	10	0.51	0.34	0.42
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	10	0.51	0.34	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	10	0.49	0.24	0.5
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	10	0.49	0.24	0.5
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	10	0.49	0.24	0.5
(1,201)	1:44:A:GLU:H	1:44:A:GLU:HG3	10	0.49	0.32	0.42
(4,153)	1:50:A:ALA:HB1	1:127:A:CYS:H	10	0.48	0.21	0.5
(4,153)	1:50:A:ALA:HB2	1:127:A:CYS:H	10	0.48	0.21	0.5
(4,153)	1:50:A:ALA:HB3	1:127:A:CYS:H	10	0.48	0.21	0.5
(2,834)	1:103:A:ARG:HA	1:103:A:ARG:HD2	10	0.48	0.12	0.54
(2,834)	1:103:A:ARG:HA	1:103:A:ARG:HD3	10	0.48	0.12	0.54
(5,185)	1:44:A:GLU:H	1:44:A:GLU:HG3	10	0.48	0.32	0.42
(18,382)	1:40:A:LEU:HB2	1:41:A:LYS:H	10	0.48	0.13	0.52
(9,1845)	1:9:A:PHE:HD1	1:57:A:LEU:HG	10	0.47	0.18	0.44
(9,1845)	1:9:A:PHE:HD2	1:57:A:LEU:HG	10	0.47	0.18	0.44
(15,1839)	1:9:A:PHE:HD1	1:57:A:LEU:HG	10	0.47	0.18	0.44
(15,1839)	1:9:A:PHE:HD2	1:57:A:LEU:HG	10	0.47	0.18	0.44
(16,1841)	1:9:A:PHE:HD1	1:57:A:LEU:HG	10	0.47	0.18	0.44
(16,1841)	1:9:A:PHE:HD2	1:57:A:LEU:HG	10	0.47	0.18	0.44
(32,1821)	1:9:A:PHE:HD1	1:57:A:LEU:HG	10	0.47	0.18	0.44
(32,1821)	1:9:A:PHE:HD2	1:57:A:LEU:HG	10	0.47	0.18	0.44
(16,1891)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	10	0.46	0.32	0.3
(16,1891)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	10	0.46	0.32	0.3
(16,1891)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	10	0.46	0.32	0.3
(16,1891)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	10	0.46	0.32	0.3
(16,1891)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	10	0.46	0.32	0.3
(16,1891)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	10	0.46	0.32	0.3
(15,377)	1:40:A:LEU:HB2	1:41:A:LYS:H	10	0.45	0.13	0.49
(15,948)	1:40:A:LEU:HA	1:43:A:MET:HG2	10	0.45	0.33	0.31
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	10	0.45	0.27	0.48
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	10	0.45	0.27	0.48
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	10	0.45	0.27	0.48
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	10	0.45	0.27	0.48
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	10	0.45	0.27	0.48
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	10	0.45	0.27	0.48
(4,1877)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	10	0.45	0.23	0.54
(4,1877)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	10	0.45	0.23	0.54
(4,1877)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	10	0.45	0.23	0.54
(4,1877)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	10	0.45	0.23	0.54
(9,1899)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	10	0.45	0.23	0.54
(9,1899)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	10	0.45	0.23	0.54
(9,1899)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	10	0.45	0.23	0.54
(9,1899)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	10	0.45	0.23	0.54
(11,1920)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	10	0.45	0.23	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,1920)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	10	0.45	0.23	0.54
(11,1920)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	10	0.45	0.23	0.54
(11,1920)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	10	0.45	0.23	0.54
(16,1887)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	10	0.45	0.23	0.54
(16,1887)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	10	0.45	0.23	0.54
(16,1887)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	10	0.45	0.23	0.54
(16,1887)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	10	0.45	0.23	0.54
(17,1918)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	10	0.45	0.23	0.54
(17,1918)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	10	0.45	0.23	0.54
(17,1918)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	10	0.45	0.23	0.54
(17,1918)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	10	0.45	0.23	0.54
(18,1893)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	10	0.45	0.23	0.54
(18,1893)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	10	0.45	0.23	0.54
(18,1893)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	10	0.45	0.23	0.54
(18,1893)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	10	0.45	0.23	0.54
(2,1348)	1:125:A:THR:HG21	1:129:A:LYS:HB2	10	0.44	0.27	0.3
(2,1348)	1:125:A:THR:HG21	1:129:A:LYS:HB3	10	0.44	0.27	0.3
(2,1348)	1:125:A:THR:HG22	1:129:A:LYS:HB2	10	0.44	0.27	0.3
(2,1348)	1:125:A:THR:HG22	1:129:A:LYS:HB3	10	0.44	0.27	0.3
(2,1348)	1:125:A:THR:HG23	1:129:A:LYS:HB2	10	0.44	0.27	0.3
(2,1348)	1:125:A:THR:HG23	1:129:A:LYS:HB3	10	0.44	0.27	0.3
(11,956)	1:40:A:LEU:HA	1:43:A:MET:HG2	10	0.44	0.33	0.3
(18,1837)	1:80:A:TYR:HE1	1:81:A:GLU:HB2	10	0.44	0.26	0.36
(18,1837)	1:80:A:TYR:HE2	1:81:A:GLU:HB2	10	0.44	0.26	0.36
(13,1103)	1:40:A:LEU:HA	1:43:A:MET:HG2	10	0.43	0.33	0.29
(5,2124)	1:40:A:LEU:HD11	1:43:A:MET:H	10	0.42	0.17	0.4
(5,2124)	1:40:A:LEU:HD12	1:43:A:MET:H	10	0.42	0.17	0.4
(5,2124)	1:40:A:LEU:HD13	1:43:A:MET:H	10	0.42	0.17	0.4
(5,2124)	1:40:A:LEU:HD21	1:43:A:MET:H	10	0.42	0.17	0.4
(5,2124)	1:40:A:LEU:HD22	1:43:A:MET:H	10	0.42	0.17	0.4
(5,2124)	1:40:A:LEU:HD23	1:43:A:MET:H	10	0.42	0.17	0.4
(29,1180)	1:140:A:LEU:HD21	1:144:A:LEU:H	10	0.42	0.14	0.36
(29,1180)	1:140:A:LEU:HD22	1:144:A:LEU:H	10	0.42	0.14	0.36
(29,1180)	1:140:A:LEU:HD23	1:144:A:LEU:H	10	0.42	0.14	0.36
(5,1163)	1:145:A:PRO:HB2	1:146:A:GLN:HA	10	0.42	0.15	0.4
(15,1150)	1:145:A:PRO:HB2	1:146:A:GLN:HA	10	0.42	0.15	0.4
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD11	10	0.41	0.12	0.46
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD12	10	0.41	0.12	0.46
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD13	10	0.41	0.12	0.46
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD11	10	0.41	0.12	0.46
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD12	10	0.41	0.12	0.46
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD13	10	0.41	0.12	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD11	10	0.41	0.12	0.46
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD12	10	0.41	0.12	0.46
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD13	10	0.41	0.12	0.46
(3,2233)	1:60:A:LEU:HD11	1:123:A:CYS:H	10	0.41	0.15	0.44
(3,2233)	1:60:A:LEU:HD12	1:123:A:CYS:H	10	0.41	0.15	0.44
(3,2233)	1:60:A:LEU:HD13	1:123:A:CYS:H	10	0.41	0.15	0.44
(3,2233)	1:60:A:LEU:HD21	1:123:A:CYS:H	10	0.41	0.15	0.44
(3,2233)	1:60:A:LEU:HD22	1:123:A:CYS:H	10	0.41	0.15	0.44
(3,2233)	1:60:A:LEU:HD23	1:123:A:CYS:H	10	0.41	0.15	0.44
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	10	0.41	0.21	0.34
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	10	0.41	0.21	0.34
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	10	0.41	0.21	0.34
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	10	0.41	0.21	0.34
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	10	0.41	0.21	0.34
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	10	0.41	0.21	0.34
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD21	10	0.41	0.19	0.38
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD22	10	0.41	0.19	0.38
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD23	10	0.41	0.19	0.38
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	10	0.41	0.21	0.34
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	10	0.41	0.21	0.34
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	10	0.41	0.21	0.34
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	10	0.41	0.21	0.34
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	10	0.41	0.21	0.34
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	10	0.41	0.21	0.34
(1,127)	1:79:A:THR:H	1:80:A:TYR:H	10	0.41	0.1	0.43
(4,908)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	10	0.41	0.21	0.42
(13,854)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	10	0.41	0.24	0.44
(13,854)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	10	0.41	0.24	0.44
(2,1948)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	10	0.4	0.32	0.25
(2,1948)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	10	0.4	0.32	0.25
(16,1906)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	10	0.4	0.32	0.25
(16,1906)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	10	0.4	0.32	0.25
(4,2335)	1:107:A:LEU:HD11	1:115:A:ALA:H	10	0.39	0.21	0.34
(4,2335)	1:107:A:LEU:HD12	1:115:A:ALA:H	10	0.39	0.21	0.34
(4,2335)	1:107:A:LEU:HD13	1:115:A:ALA:H	10	0.39	0.21	0.34
(4,2335)	1:107:A:LEU:HD21	1:115:A:ALA:H	10	0.39	0.21	0.34
(4,2335)	1:107:A:LEU:HD22	1:115:A:ALA:H	10	0.39	0.21	0.34
(4,2335)	1:107:A:LEU:HD23	1:115:A:ALA:H	10	0.39	0.21	0.34
(13,2313)	1:107:A:LEU:HD11	1:115:A:ALA:H	10	0.39	0.21	0.34
(13,2313)	1:107:A:LEU:HD12	1:115:A:ALA:H	10	0.39	0.21	0.34
(13,2313)	1:107:A:LEU:HD13	1:115:A:ALA:H	10	0.39	0.21	0.34
(13,2313)	1:107:A:LEU:HD21	1:115:A:ALA:H	10	0.39	0.21	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,2313)	1:107:A:LEU:HD22	1:115:A:ALA:H	10	0.39	0.21	0.34
(13,2313)	1:107:A:LEU:HD23	1:115:A:ALA:H	10	0.39	0.21	0.34
(16,2332)	1:107:A:LEU:HD11	1:115:A:ALA:H	10	0.39	0.21	0.34
(16,2332)	1:107:A:LEU:HD12	1:115:A:ALA:H	10	0.39	0.21	0.34
(16,2332)	1:107:A:LEU:HD13	1:115:A:ALA:H	10	0.39	0.21	0.34
(16,2332)	1:107:A:LEU:HD21	1:115:A:ALA:H	10	0.39	0.21	0.34
(16,2332)	1:107:A:LEU:HD22	1:115:A:ALA:H	10	0.39	0.21	0.34
(16,2332)	1:107:A:LEU:HD23	1:115:A:ALA:H	10	0.39	0.21	0.34
(34,2241)	1:69:A:MET:HG2	1:109:A:PRO:HA	10	0.39	0.18	0.38
(34,2241)	1:69:A:MET:HG3	1:109:A:PRO:HA	10	0.39	0.18	0.38
(5,1129)	1:105:A:LYS:HA	1:105:A:LYS:HG2	10	0.39	0.08	0.43
(13,1098)	1:105:A:LYS:HA	1:105:A:LYS:HG2	10	0.39	0.08	0.43
(29,1816)	1:71:A:LYS:HE2	1:72:A:PHE:HD1	10	0.38	0.22	0.36
(29,1816)	1:71:A:LYS:HE2	1:72:A:PHE:HD2	10	0.38	0.22	0.36
(29,1816)	1:71:A:LYS:HE3	1:72:A:PHE:HD1	10	0.38	0.22	0.36
(29,1816)	1:71:A:LYS:HE3	1:72:A:PHE:HD2	10	0.38	0.22	0.36
(7,2318)	1:107:A:LEU:HD11	1:112:A:GLN:H	10	0.38	0.19	0.4
(7,2318)	1:107:A:LEU:HD12	1:112:A:GLN:H	10	0.38	0.19	0.4
(7,2318)	1:107:A:LEU:HD13	1:112:A:GLN:H	10	0.38	0.19	0.4
(7,2318)	1:107:A:LEU:HD21	1:112:A:GLN:H	10	0.38	0.19	0.4
(7,2318)	1:107:A:LEU:HD22	1:112:A:GLN:H	10	0.38	0.19	0.4
(7,2318)	1:107:A:LEU:HD23	1:112:A:GLN:H	10	0.38	0.19	0.4
(30,2345)	1:107:A:LEU:HD11	1:112:A:GLN:H	10	0.38	0.19	0.4
(30,2345)	1:107:A:LEU:HD12	1:112:A:GLN:H	10	0.38	0.19	0.4
(30,2345)	1:107:A:LEU:HD13	1:112:A:GLN:H	10	0.38	0.19	0.4
(30,2345)	1:107:A:LEU:HD21	1:112:A:GLN:H	10	0.38	0.19	0.4
(30,2345)	1:107:A:LEU:HD22	1:112:A:GLN:H	10	0.38	0.19	0.4
(30,2345)	1:107:A:LEU:HD23	1:112:A:GLN:H	10	0.38	0.19	0.4
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE1	10	0.37	0.01	0.38
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE2	10	0.37	0.01	0.38
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE3	10	0.37	0.01	0.38
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE1	10	0.37	0.01	0.38
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE2	10	0.37	0.01	0.38
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE3	10	0.37	0.01	0.38
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE1	10	0.37	0.01	0.38
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE2	10	0.37	0.01	0.38
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE3	10	0.37	0.01	0.38
(4,2079)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	10	0.37	0.17	0.34
(4,2079)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	10	0.37	0.17	0.34
(4,2079)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	10	0.37	0.17	0.34
(4,2079)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	10	0.37	0.17	0.34
(4,2079)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	10	0.37	0.17	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,2079)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	10	0.37	0.17	0.34
(6,1727)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	10	0.37	0.16	0.34
(6,1727)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	10	0.37	0.16	0.34
(6,1727)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	10	0.37	0.16	0.34
(9,1719)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	10	0.37	0.16	0.34
(9,1719)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	10	0.37	0.16	0.34
(9,1719)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	10	0.37	0.16	0.34
(17,1741)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	10	0.37	0.16	0.34
(17,1741)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	10	0.37	0.16	0.34
(17,1741)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	10	0.37	0.16	0.34
(9,236)	1:11:A:ILE:HB	1:44:A:GLU:H	10	0.36	0.15	0.34
(17,230)	1:11:A:ILE:HB	1:44:A:GLU:H	10	0.36	0.15	0.34
(34,239)	1:11:A:ILE:HB	1:44:A:GLU:H	10	0.36	0.15	0.34
(13,846)	1:60:A:LEU:HB3	1:63:A:ILE:H	10	0.36	0.19	0.4
(2,1161)	1:140:A:LEU:HD21	1:144:A:LEU:H	10	0.36	0.14	0.3
(2,1161)	1:140:A:LEU:HD22	1:144:A:LEU:H	10	0.36	0.14	0.3
(2,1161)	1:140:A:LEU:HD23	1:144:A:LEU:H	10	0.36	0.14	0.3
(3,1188)	1:140:A:LEU:HD21	1:144:A:LEU:H	10	0.36	0.14	0.3
(3,1188)	1:140:A:LEU:HD22	1:144:A:LEU:H	10	0.36	0.14	0.3
(3,1188)	1:140:A:LEU:HD23	1:144:A:LEU:H	10	0.36	0.14	0.3
(5,1178)	1:140:A:LEU:HD21	1:144:A:LEU:H	10	0.36	0.14	0.3
(5,1178)	1:140:A:LEU:HD22	1:144:A:LEU:H	10	0.36	0.14	0.3
(5,1178)	1:140:A:LEU:HD23	1:144:A:LEU:H	10	0.36	0.14	0.3
(11,1179)	1:140:A:LEU:HD21	1:144:A:LEU:H	10	0.36	0.14	0.3
(11,1179)	1:140:A:LEU:HD22	1:144:A:LEU:H	10	0.36	0.14	0.3
(11,1179)	1:140:A:LEU:HD23	1:144:A:LEU:H	10	0.36	0.14	0.3
(17,1177)	1:140:A:LEU:HD21	1:144:A:LEU:H	10	0.36	0.14	0.3
(17,1177)	1:140:A:LEU:HD22	1:144:A:LEU:H	10	0.36	0.14	0.3
(17,1177)	1:140:A:LEU:HD23	1:144:A:LEU:H	10	0.36	0.14	0.3
(1,124)	1:22:A:ASP:H	1:23:A:LEU:HB2	10	0.35	0.19	0.32
(1,124)	1:22:A:ASP:H	1:23:A:LEU:HB3	10	0.35	0.19	0.32
(2,112)	1:22:A:ASP:H	1:23:A:LEU:HB2	10	0.35	0.19	0.32
(2,112)	1:22:A:ASP:H	1:23:A:LEU:HB3	10	0.35	0.19	0.32
(3,115)	1:22:A:ASP:H	1:23:A:LEU:HB2	10	0.35	0.19	0.32
(3,115)	1:22:A:ASP:H	1:23:A:LEU:HB3	10	0.35	0.19	0.32
(5,111)	1:22:A:ASP:H	1:23:A:LEU:HB2	10	0.35	0.19	0.32
(5,111)	1:22:A:ASP:H	1:23:A:LEU:HB3	10	0.35	0.19	0.32
(15,121)	1:22:A:ASP:H	1:23:A:LEU:HB2	10	0.35	0.19	0.32
(15,121)	1:22:A:ASP:H	1:23:A:LEU:HB3	10	0.35	0.19	0.32
(29,119)	1:22:A:ASP:H	1:23:A:LEU:HB2	10	0.35	0.19	0.32
(29,119)	1:22:A:ASP:H	1:23:A:LEU:HB3	10	0.35	0.19	0.32
(30,116)	1:22:A:ASP:H	1:23:A:LEU:HB2	10	0.35	0.19	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,116)	1:22:A:ASP:H	1:23:A:LEU:HB3	10	0.35	0.19	0.32
(2,1467)	1:13:A:ALA:HB1	1:79:A:THR:HB	10	0.35	0.18	0.34
(2,1467)	1:13:A:ALA:HB2	1:79:A:THR:HB	10	0.35	0.18	0.34
(2,1467)	1:13:A:ALA:HB3	1:79:A:THR:HB	10	0.35	0.18	0.34
(4,1441)	1:13:A:ALA:HB1	1:79:A:THR:HB	10	0.35	0.18	0.34
(4,1441)	1:13:A:ALA:HB2	1:79:A:THR:HB	10	0.35	0.18	0.34
(4,1441)	1:13:A:ALA:HB3	1:79:A:THR:HB	10	0.35	0.18	0.34
(11,1479)	1:13:A:ALA:HB1	1:79:A:THR:HB	10	0.35	0.18	0.34
(11,1479)	1:13:A:ALA:HB2	1:79:A:THR:HB	10	0.35	0.18	0.34
(11,1479)	1:13:A:ALA:HB3	1:79:A:THR:HB	10	0.35	0.18	0.34
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD11	10	0.35	0.18	0.29
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD12	10	0.35	0.18	0.29
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD13	10	0.35	0.18	0.29
(16,1459)	1:13:A:ALA:HB1	1:79:A:THR:HB	10	0.35	0.18	0.34
(16,1459)	1:13:A:ALA:HB2	1:79:A:THR:HB	10	0.35	0.18	0.34
(16,1459)	1:13:A:ALA:HB3	1:79:A:THR:HB	10	0.35	0.18	0.34
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD11	10	0.35	0.2	0.32
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD12	10	0.35	0.2	0.32
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD13	10	0.35	0.2	0.32
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD21	10	0.35	0.2	0.32
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD22	10	0.35	0.2	0.32
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD23	10	0.35	0.2	0.32
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD11	10	0.35	0.2	0.32
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD12	10	0.35	0.2	0.32
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD13	10	0.35	0.2	0.32
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD21	10	0.35	0.2	0.32
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD22	10	0.35	0.2	0.32
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD23	10	0.35	0.2	0.32
(2,1249)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	10	0.35	0.17	0.32
(2,1249)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	10	0.35	0.17	0.32
(2,1249)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	10	0.35	0.17	0.32
(34,1281)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	10	0.35	0.17	0.32
(34,1281)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	10	0.35	0.17	0.32
(34,1281)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	10	0.35	0.17	0.32
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	10	0.34	0.09	0.3
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	10	0.34	0.09	0.3
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	10	0.34	0.09	0.3
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	10	0.34	0.09	0.3
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	10	0.34	0.09	0.3
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	10	0.34	0.09	0.3
(9,1120)	1:105:A:LYS:HA	1:105:A:LYS:HG2	10	0.34	0.08	0.38
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD11	10	0.33	0.12	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD12	10	0.33	0.12	0.32
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD13	10	0.33	0.12	0.32
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD21	10	0.33	0.12	0.32
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD22	10	0.33	0.12	0.32
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD23	10	0.33	0.12	0.32
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	10	0.33	0.15	0.29
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	10	0.33	0.15	0.29
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	10	0.33	0.15	0.29
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	10	0.33	0.15	0.29
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	10	0.33	0.15	0.29
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	10	0.33	0.15	0.29
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	10	0.33	0.15	0.29
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	10	0.33	0.15	0.29
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	10	0.33	0.15	0.29
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	10	0.33	0.15	0.29
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	10	0.33	0.15	0.29
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	10	0.33	0.15	0.29
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	10	0.33	0.15	0.29
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	10	0.33	0.15	0.29
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	10	0.33	0.15	0.29
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	10	0.33	0.15	0.29
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	10	0.33	0.15	0.29
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	10	0.33	0.15	0.29
(33,1508)	1:69:A:MET:HE1	1:114:A:ILE:H	10	0.32	0.15	0.29
(33,1508)	1:69:A:MET:HE2	1:114:A:ILE:H	10	0.32	0.15	0.29
(33,1508)	1:69:A:MET:HE3	1:114:A:ILE:H	10	0.32	0.15	0.29
(11,1923)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	10	0.32	0.09	0.29
(11,1923)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	10	0.32	0.09	0.29
(34,1911)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	10	0.32	0.09	0.29
(34,1911)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	10	0.32	0.09	0.29
(1,2328)	1:113:A:PHE:HE1	1:114:A:ILE:HG12	10	0.32	0.08	0.29
(1,2328)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	10	0.32	0.08	0.29
(1,2328)	1:113:A:PHE:HE2	1:114:A:ILE:HG12	10	0.32	0.08	0.29
(1,2328)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	10	0.32	0.08	0.29
(1,1534)	1:110:A:MET:HE1	1:113:A:PHE:HE1	10	0.32	0.18	0.26
(1,1534)	1:110:A:MET:HE1	1:113:A:PHE:HE2	10	0.32	0.18	0.26
(1,1534)	1:110:A:MET:HE2	1:113:A:PHE:HE1	10	0.32	0.18	0.26
(1,1534)	1:110:A:MET:HE2	1:113:A:PHE:HE2	10	0.32	0.18	0.26
(1,1534)	1:110:A:MET:HE3	1:113:A:PHE:HE1	10	0.32	0.18	0.26
(1,1534)	1:110:A:MET:HE3	1:113:A:PHE:HE2	10	0.32	0.18	0.26
(4,1502)	1:110:A:MET:HE1	1:113:A:PHE:HE1	10	0.32	0.18	0.26
(4,1502)	1:110:A:MET:HE1	1:113:A:PHE:HE2	10	0.32	0.18	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1502)	1:110:A:MET:HE2	1:113:A:PHE:HE1	10	0.32	0.18	0.26
(4,1502)	1:110:A:MET:HE2	1:113:A:PHE:HE2	10	0.32	0.18	0.26
(4,1502)	1:110:A:MET:HE3	1:113:A:PHE:HE1	10	0.32	0.18	0.26
(4,1502)	1:110:A:MET:HE3	1:113:A:PHE:HE2	10	0.32	0.18	0.26
(32,1481)	1:110:A:MET:HE1	1:113:A:PHE:HE1	10	0.32	0.18	0.26
(32,1481)	1:110:A:MET:HE1	1:113:A:PHE:HE2	10	0.32	0.18	0.26
(32,1481)	1:110:A:MET:HE2	1:113:A:PHE:HE1	10	0.32	0.18	0.26
(32,1481)	1:110:A:MET:HE2	1:113:A:PHE:HE2	10	0.32	0.18	0.26
(32,1481)	1:110:A:MET:HE3	1:113:A:PHE:HE1	10	0.32	0.18	0.26
(32,1481)	1:110:A:MET:HE3	1:113:A:PHE:HE2	10	0.32	0.18	0.26
(34,1535)	1:110:A:MET:HE1	1:113:A:PHE:HE1	10	0.32	0.18	0.26
(34,1535)	1:110:A:MET:HE1	1:113:A:PHE:HE2	10	0.32	0.18	0.26
(34,1535)	1:110:A:MET:HE2	1:113:A:PHE:HE1	10	0.32	0.18	0.26
(34,1535)	1:110:A:MET:HE2	1:113:A:PHE:HE2	10	0.32	0.18	0.26
(34,1535)	1:110:A:MET:HE3	1:113:A:PHE:HE1	10	0.32	0.18	0.26
(34,1535)	1:110:A:MET:HE3	1:113:A:PHE:HE2	10	0.32	0.18	0.26
(6,1912)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	10	0.3	0.13	0.26
(6,1912)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	10	0.3	0.13	0.26
(6,1912)	1:113:A:PHE:HE1	1:114:A:ILE:HG12	10	0.3	0.13	0.26
(6,1912)	1:113:A:PHE:HE2	1:114:A:ILE:HG12	10	0.3	0.13	0.26
(18,544)	1:71:A:LYS:HG3	1:72:A:PHE:H	10	0.3	0.17	0.26
(29,532)	1:71:A:LYS:HG3	1:72:A:PHE:H	10	0.3	0.17	0.26
(29,1123)	1:43:A:MET:HA	1:43:A:MET:HG3	10	0.29	0.13	0.3
(4,1051)	1:38:A:GLU:HA	1:42:A:GLU:H	10	0.27	0.17	0.18
(15,1590)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	10	0.25	0.08	0.26
(15,1590)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	10	0.25	0.08	0.26
(15,1590)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	10	0.25	0.08	0.26
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE1	10	0.24	0.12	0.18
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE2	10	0.24	0.12	0.18
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE3	10	0.24	0.12	0.18
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE1	10	0.24	0.12	0.18
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE2	10	0.24	0.12	0.18
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE3	10	0.24	0.12	0.18
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE1	10	0.24	0.12	0.18
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE2	10	0.24	0.12	0.18
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE3	10	0.24	0.12	0.18
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE1	10	0.24	0.12	0.18
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE2	10	0.24	0.12	0.18
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE3	10	0.24	0.12	0.18
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE1	10	0.24	0.12	0.18
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE2	10	0.24	0.12	0.18
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE3	10	0.24	0.12	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE1	10	0.24	0.12	0.18
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE2	10	0.24	0.12	0.18
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE3	10	0.24	0.12	0.18
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	10	0.23	0.08	0.24
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	10	0.23	0.08	0.24
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	10	0.23	0.08	0.24
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	10	0.23	0.08	0.24
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	10	0.23	0.08	0.24
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	10	0.23	0.08	0.24
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	10	0.23	0.08	0.24
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	10	0.23	0.08	0.24
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	10	0.23	0.08	0.24
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	10	0.23	0.08	0.24
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	10	0.23	0.08	0.24
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	10	0.23	0.08	0.24
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	10	0.23	0.08	0.24
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	10	0.23	0.08	0.24
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	10	0.23	0.08	0.24
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	10	0.23	0.08	0.24
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	10	0.23	0.08	0.24
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	10	0.23	0.08	0.24
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	10	0.23	0.08	0.24
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	10	0.23	0.08	0.24
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	10	0.23	0.08	0.24
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	10	0.23	0.08	0.24
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	10	0.23	0.08	0.24
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	10	0.23	0.08	0.24
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	10	0.23	0.08	0.24
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	10	0.23	0.08	0.24
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	10	0.23	0.08	0.24
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	10	0.23	0.08	0.24
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	10	0.23	0.08	0.24
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	10	0.23	0.08	0.24
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	10	0.23	0.08	0.24
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	10	0.23	0.08	0.24
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	10	0.23	0.08	0.24
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	10	0.23	0.08	0.24
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	10	0.23	0.08	0.24
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	10	0.23	0.08	0.24
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	10	0.23	0.08	0.24
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	10	0.23	0.08	0.24
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	10	0.23	0.08	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	10	0.23	0.08	0.24
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	10	0.23	0.08	0.24
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	10	0.23	0.08	0.24
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	10	0.23	0.08	0.24
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	10	0.23	0.08	0.24
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	10	0.23	0.08	0.24
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	10	0.23	0.08	0.24
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	10	0.23	0.08	0.24
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	10	0.23	0.08	0.24
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	10	0.23	0.08	0.24
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	10	0.23	0.08	0.24
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	10	0.23	0.08	0.24
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	10	0.23	0.08	0.24
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	10	0.23	0.08	0.24
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	10	0.23	0.08	0.24
(1,1620)	1:73:A:ILE:HG21	1:76:A:ARG:H	10	0.22	0.11	0.16
(1,1620)	1:73:A:ILE:HG22	1:76:A:ARG:H	10	0.22	0.11	0.16
(1,1620)	1:73:A:ILE:HG23	1:76:A:ARG:H	10	0.22	0.11	0.16
(2,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	10	0.22	0.11	0.16
(2,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	10	0.22	0.11	0.16
(2,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	10	0.22	0.11	0.16
(3,1639)	1:73:A:ILE:HG21	1:76:A:ARG:H	10	0.22	0.11	0.16
(3,1639)	1:73:A:ILE:HG22	1:76:A:ARG:H	10	0.22	0.11	0.16
(3,1639)	1:73:A:ILE:HG23	1:76:A:ARG:H	10	0.22	0.11	0.16
(5,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	10	0.22	0.11	0.16
(5,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	10	0.22	0.11	0.16
(5,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	10	0.22	0.11	0.16
(6,1606)	1:73:A:ILE:HG21	1:76:A:ARG:H	10	0.22	0.11	0.16
(6,1606)	1:73:A:ILE:HG22	1:76:A:ARG:H	10	0.22	0.11	0.16
(6,1606)	1:73:A:ILE:HG23	1:76:A:ARG:H	10	0.22	0.11	0.16
(7,1580)	1:73:A:ILE:HG21	1:76:A:ARG:H	10	0.22	0.11	0.16
(7,1580)	1:73:A:ILE:HG22	1:76:A:ARG:H	10	0.22	0.11	0.16
(7,1580)	1:73:A:ILE:HG23	1:76:A:ARG:H	10	0.22	0.11	0.16
(9,1600)	1:73:A:ILE:HG21	1:76:A:ARG:H	10	0.22	0.11	0.16
(9,1600)	1:73:A:ILE:HG22	1:76:A:ARG:H	10	0.22	0.11	0.16
(9,1600)	1:73:A:ILE:HG23	1:76:A:ARG:H	10	0.22	0.11	0.16
(11,1638)	1:73:A:ILE:HG21	1:76:A:ARG:H	10	0.22	0.11	0.16
(11,1638)	1:73:A:ILE:HG22	1:76:A:ARG:H	10	0.22	0.11	0.16
(11,1638)	1:73:A:ILE:HG23	1:76:A:ARG:H	10	0.22	0.11	0.16
(13,1575)	1:73:A:ILE:HG21	1:76:A:ARG:H	10	0.22	0.11	0.16
(13,1575)	1:73:A:ILE:HG22	1:76:A:ARG:H	10	0.22	0.11	0.16
(13,1575)	1:73:A:ILE:HG23	1:76:A:ARG:H	10	0.22	0.11	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,1599)	1:73:A:ILE:HG21	1:76:A:ARG:H	10	0.22	0.11	0.16
(15,1599)	1:73:A:ILE:HG22	1:76:A:ARG:H	10	0.22	0.11	0.16
(15,1599)	1:73:A:ILE:HG23	1:76:A:ARG:H	10	0.22	0.11	0.16
(18,1591)	1:73:A:ILE:HG21	1:76:A:ARG:H	10	0.22	0.11	0.16
(18,1591)	1:73:A:ILE:HG22	1:76:A:ARG:H	10	0.22	0.11	0.16
(18,1591)	1:73:A:ILE:HG23	1:76:A:ARG:H	10	0.22	0.11	0.16
(30,1610)	1:73:A:ILE:HG21	1:76:A:ARG:H	10	0.22	0.11	0.16
(30,1610)	1:73:A:ILE:HG22	1:76:A:ARG:H	10	0.22	0.11	0.16
(30,1610)	1:73:A:ILE:HG23	1:76:A:ARG:H	10	0.22	0.11	0.16
(32,1571)	1:73:A:ILE:HG21	1:76:A:ARG:H	10	0.22	0.11	0.16
(32,1571)	1:73:A:ILE:HG22	1:76:A:ARG:H	10	0.22	0.11	0.16
(32,1571)	1:73:A:ILE:HG23	1:76:A:ARG:H	10	0.22	0.11	0.16
(33,1598)	1:73:A:ILE:HG21	1:76:A:ARG:H	10	0.22	0.11	0.16
(33,1598)	1:73:A:ILE:HG22	1:76:A:ARG:H	10	0.22	0.11	0.16
(33,1598)	1:73:A:ILE:HG23	1:76:A:ARG:H	10	0.22	0.11	0.16
(34,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	10	0.22	0.11	0.16
(34,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	10	0.22	0.11	0.16
(34,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	10	0.22	0.11	0.16
(4,1269)	1:128:A:LEU:HD21	1:129:A:LYS:H	10	0.22	0.06	0.25
(4,1269)	1:128:A:LEU:HD22	1:129:A:LYS:H	10	0.22	0.06	0.25
(4,1269)	1:128:A:LEU:HD23	1:129:A:LYS:H	10	0.22	0.06	0.25
(13,1265)	1:128:A:LEU:HD21	1:129:A:LYS:H	10	0.22	0.06	0.25
(13,1265)	1:128:A:LEU:HD22	1:129:A:LYS:H	10	0.22	0.06	0.25
(13,1265)	1:128:A:LEU:HD23	1:129:A:LYS:H	10	0.22	0.06	0.25
(17,1299)	1:128:A:LEU:HD21	1:129:A:LYS:H	10	0.22	0.06	0.25
(17,1299)	1:128:A:LEU:HD22	1:129:A:LYS:H	10	0.22	0.06	0.25
(17,1299)	1:128:A:LEU:HD23	1:129:A:LYS:H	10	0.22	0.06	0.25
(11,2085)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	10	0.22	0.09	0.22
(11,2085)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	10	0.22	0.09	0.22
(11,2085)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	10	0.22	0.09	0.22
(11,2085)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	10	0.22	0.09	0.22
(11,2085)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	10	0.22	0.09	0.22
(11,2085)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	10	0.22	0.09	0.22
(1,1879)	1:113:A:PHE:HE1	1:114:A:ILE:HA	10	0.22	0.08	0.2
(1,1879)	1:113:A:PHE:HE2	1:114:A:ILE:HA	10	0.22	0.08	0.2
(5,1891)	1:113:A:PHE:HE1	1:114:A:ILE:HA	10	0.22	0.08	0.2
(5,1891)	1:113:A:PHE:HE2	1:114:A:ILE:HA	10	0.22	0.08	0.2
(6,1869)	1:113:A:PHE:HE1	1:114:A:ILE:HA	10	0.22	0.08	0.2
(6,1869)	1:113:A:PHE:HE2	1:114:A:ILE:HA	10	0.22	0.08	0.2
(9,1152)	1:71:A:LYS:HA	1:71:A:LYS:HE2	10	0.21	0.07	0.2
(9,1152)	1:71:A:LYS:HA	1:71:A:LYS:HE3	10	0.21	0.07	0.2
(2,1245)	1:37:A:LEU:HD11	1:38:A:GLU:HA	10	0.21	0.07	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,1245)	1:37:A:LEU:HD12	1:38:A:GLU:HA	10	0.21	0.07	0.23
(2,1245)	1:37:A:LEU:HD13	1:38:A:GLU:HA	10	0.21	0.07	0.23
(9,1251)	1:37:A:LEU:HD11	1:38:A:GLU:HA	10	0.21	0.07	0.23
(9,1251)	1:37:A:LEU:HD12	1:38:A:GLU:HA	10	0.21	0.07	0.23
(9,1251)	1:37:A:LEU:HD13	1:38:A:GLU:HA	10	0.21	0.07	0.23
(13,1222)	1:37:A:LEU:HD11	1:38:A:GLU:HA	10	0.21	0.07	0.23
(13,1222)	1:37:A:LEU:HD12	1:38:A:GLU:HA	10	0.21	0.07	0.23
(13,1222)	1:37:A:LEU:HD13	1:38:A:GLU:HA	10	0.21	0.07	0.23
(11,862)	1:60:A:LEU:HB2	1:63:A:ILE:H	10	0.17	0.07	0.15
(3,973)	1:96:A:VAL:HB	1:97:A:ASP:H	10	0.17	0.04	0.16
(5,957)	1:96:A:VAL:HB	1:97:A:ASP:H	10	0.17	0.04	0.16
(17,961)	1:96:A:VAL:HB	1:97:A:ASP:H	10	0.17	0.04	0.16
(34,979)	1:96:A:VAL:HB	1:97:A:ASP:H	10	0.17	0.04	0.16
(1,221)	1:98:A:ILE:HD11	1:101:A:ILE:H	10	0.16	0.06	0.14
(1,221)	1:98:A:ILE:HD12	1:101:A:ILE:H	10	0.16	0.06	0.14
(1,221)	1:98:A:ILE:HD13	1:101:A:ILE:H	10	0.16	0.06	0.14
(15,215)	1:98:A:ILE:HD11	1:101:A:ILE:H	10	0.16	0.06	0.14
(15,215)	1:98:A:ILE:HD12	1:101:A:ILE:H	10	0.16	0.06	0.14
(15,215)	1:98:A:ILE:HD13	1:101:A:ILE:H	10	0.16	0.06	0.14
(32,201)	1:98:A:ILE:HD11	1:101:A:ILE:H	10	0.16	0.06	0.14
(32,201)	1:98:A:ILE:HD12	1:101:A:ILE:H	10	0.16	0.06	0.14
(32,201)	1:98:A:ILE:HD13	1:101:A:ILE:H	10	0.16	0.06	0.14
(5,329)	1:57:A:LEU:H	1:58:A:ILE:HB	10	0.15	0.03	0.15
(11,338)	1:57:A:LEU:H	1:58:A:ILE:HB	10	0.15	0.03	0.15
(15,339)	1:57:A:LEU:H	1:58:A:ILE:HB	10	0.15	0.03	0.15
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG11	10	0.14	0.01	0.15
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG12	10	0.14	0.01	0.15
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG13	10	0.14	0.01	0.15
(11,1187)	1:140:A:LEU:HA	1:140:A:LEU:HG	10	0.11	0.0	0.11
(2,1638)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	9	3.16	1.68	2.24
(2,1638)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	9	3.16	1.68	2.24
(2,1638)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	9	3.16	1.68	2.24
(3,1653)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	9	3.16	1.68	2.24
(3,1653)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	9	3.16	1.68	2.24
(3,1653)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	9	3.16	1.68	2.24
(32,1585)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	9	3.16	1.68	2.24
(32,1585)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	9	3.16	1.68	2.24
(32,1585)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	9	3.16	1.68	2.24
(33,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	9	3.16	1.68	2.24
(33,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	9	3.16	1.68	2.24
(33,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	9	3.16	1.68	2.24
(3,1435)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	9	2.98	1.67	2.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,1435)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	9	2.98	1.67	2.69
(3,1435)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	9	2.98	1.67	2.69
(32,1378)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	9	2.98	1.67	2.69
(32,1378)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	9	2.98	1.67	2.69
(32,1378)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	9	2.98	1.67	2.69
(2,1418)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	9	2.71	1.67	2.42
(2,1418)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	9	2.71	1.67	2.42
(2,1418)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	9	2.71	1.67	2.42
(2,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	9	2.25	1.21	2.88
(2,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	9	2.25	1.21	2.88
(2,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	9	2.25	1.21	2.88
(2,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	9	2.25	1.21	2.88
(4,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	9	2.22	1.21	2.85
(4,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	9	2.22	1.21	2.85
(4,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	9	2.22	1.21	2.85
(4,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	9	2.22	1.21	2.85
(9,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	9	2.22	1.21	2.85
(9,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	9	2.22	1.21	2.85
(9,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	9	2.22	1.21	2.85
(9,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	9	2.22	1.21	2.85
(11,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	9	2.22	1.21	2.85
(11,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	9	2.22	1.21	2.85
(11,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	9	2.22	1.21	2.85
(11,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	9	2.22	1.21	2.85
(13,813)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	9	2.22	1.21	2.85
(13,813)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	9	2.22	1.21	2.85
(13,813)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	9	2.22	1.21	2.85
(13,813)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	9	2.22	1.21	2.85
(32,809)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	9	2.22	1.21	2.85
(32,809)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	9	2.22	1.21	2.85
(32,809)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	9	2.22	1.21	2.85
(32,809)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	9	2.22	1.21	2.85
(33,832)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	9	2.22	1.21	2.85
(33,832)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	9	2.22	1.21	2.85
(33,832)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	9	2.22	1.21	2.85
(33,832)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	9	2.22	1.21	2.85
(6,914)	1:108:A:GLU:HG3	1:112:A:GLN:H	9	2.11	0.47	2.16
(9,923)	1:108:A:GLU:HG3	1:112:A:GLN:H	9	2.11	0.47	2.16
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	9	2.07	1.13	2.06
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	9	2.07	1.13	2.06
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	9	2.07	1.13	2.06
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	9	2.07	1.13	2.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	9	2.07	1.13	2.06
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	9	2.07	1.13	2.06
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	9	2.07	1.13	2.06
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	9	2.07	1.13	2.06
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	9	2.07	1.13	2.06
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	9	2.07	1.13	2.06
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	9	2.07	1.13	2.06
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	9	2.07	1.13	2.06
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	9	2.07	1.13	2.06
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	9	2.07	1.13	2.06
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	9	2.07	1.13	2.06
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	9	2.07	1.13	2.06
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	9	2.07	1.13	2.06
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	9	2.07	1.13	2.06
(3,1741)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	9	1.98	0.76	1.93
(3,1741)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	9	1.98	0.76	1.93
(3,1741)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	9	1.98	0.76	1.93
(5,1732)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	9	1.98	0.76	1.93
(5,1732)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	9	1.98	0.76	1.93
(5,1732)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	9	1.98	0.76	1.93
(6,1711)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	9	1.98	0.76	1.93
(6,1711)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	9	1.98	0.76	1.93
(6,1711)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	9	1.98	0.76	1.93
(17,1723)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	9	1.98	0.76	1.93
(17,1723)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	9	1.98	0.76	1.93
(17,1723)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	9	1.98	0.76	1.93
(18,1695)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	9	1.98	0.76	1.93
(18,1695)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	9	1.98	0.76	1.93
(18,1695)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	9	1.98	0.76	1.93
(30,1715)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	9	1.98	0.76	1.93
(30,1715)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	9	1.98	0.76	1.93
(30,1715)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	9	1.98	0.76	1.93
(32,1665)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	9	1.98	0.76	1.93
(32,1665)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	9	1.98	0.76	1.93
(32,1665)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	9	1.98	0.76	1.93
(5,922)	1:108:A:GLU:HG3	1:112:A:GLN:H	9	1.87	0.47	1.92
(34,1910)	1:18:A:PHE:HA	1:113:A:PHE:HE1	9	1.75	1.54	1.23
(34,1910)	1:18:A:PHE:HA	1:113:A:PHE:HE2	9	1.75	1.54	1.23
(6,1981)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	9	1.74	0.66	1.96
(6,1981)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	9	1.74	0.66	1.96
(6,1981)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	9	1.74	0.66	1.96
(6,1981)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	9	1.74	0.66	1.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,1981)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	9	1.74	0.66	1.96
(6,1981)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	9	1.74	0.66	1.96
(6,1981)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	9	1.74	0.66	1.96
(6,1981)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	9	1.74	0.66	1.96
(6,1981)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	9	1.74	0.66	1.96
(6,1981)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	9	1.74	0.66	1.96
(6,1981)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	9	1.74	0.66	1.96
(6,1981)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	9	1.74	0.66	1.96
(11,1993)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	9	1.74	0.66	1.96
(11,1993)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	9	1.74	0.66	1.96
(11,1993)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	9	1.74	0.66	1.96
(11,1993)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	9	1.74	0.66	1.96
(11,1993)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	9	1.74	0.66	1.96
(11,1993)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	9	1.74	0.66	1.96
(11,1993)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	9	1.74	0.66	1.96
(11,1993)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	9	1.74	0.66	1.96
(11,1993)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	9	1.74	0.66	1.96
(11,1993)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	9	1.74	0.66	1.96
(11,1993)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	9	1.74	0.66	1.96
(11,1993)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	9	1.74	0.66	1.96
(13,1932)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	9	1.74	0.66	1.96
(13,1932)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	9	1.74	0.66	1.96
(13,1932)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	9	1.74	0.66	1.96
(13,1932)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	9	1.74	0.66	1.96
(13,1932)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	9	1.74	0.66	1.96
(13,1932)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	9	1.74	0.66	1.96
(13,1932)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	9	1.74	0.66	1.96
(13,1932)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	9	1.74	0.66	1.96
(13,1932)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	9	1.74	0.66	1.96
(13,1932)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	9	1.74	0.66	1.96
(13,1932)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	9	1.74	0.66	1.96
(13,1932)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	9	1.74	0.66	1.96
(16,1962)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	9	1.74	0.66	1.96
(16,1962)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	9	1.74	0.66	1.96
(16,1962)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	9	1.74	0.66	1.96
(16,1962)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	9	1.74	0.66	1.96
(16,1962)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	9	1.74	0.66	1.96
(16,1962)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	9	1.74	0.66	1.96
(16,1962)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	9	1.74	0.66	1.96
(16,1962)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	9	1.74	0.66	1.96
(16,1962)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	9	1.74	0.66	1.96
(16,1962)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	9	1.74	0.66	1.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1962)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	9	1.74	0.66	1.96
(16,1962)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	9	1.74	0.66	1.96
(34,1972)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	9	1.74	0.66	1.96
(34,1972)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	9	1.74	0.66	1.96
(34,1972)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	9	1.74	0.66	1.96
(34,1972)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	9	1.74	0.66	1.96
(34,1972)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	9	1.74	0.66	1.96
(34,1972)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	9	1.74	0.66	1.96
(34,1972)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	9	1.74	0.66	1.96
(34,1972)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	9	1.74	0.66	1.96
(34,1972)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	9	1.74	0.66	1.96
(34,1972)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	9	1.74	0.66	1.96
(34,1972)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	9	1.74	0.66	1.96
(34,1972)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	9	1.74	0.66	1.96
(30,1658)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	9	1.71	0.73	1.53
(30,1658)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	9	1.71	0.73	1.53
(30,1658)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	9	1.71	0.73	1.53
(30,1658)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	9	1.71	0.73	1.53
(30,1658)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	9	1.71	0.73	1.53
(30,1658)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	9	1.71	0.73	1.53
(30,1658)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	9	1.71	0.73	1.53
(30,1658)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	9	1.71	0.73	1.53
(30,1658)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	9	1.71	0.73	1.53
(4,1882)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	9	1.71	1.06	1.69
(4,1882)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	9	1.71	1.06	1.69
(7,1831)	1:18:A:PHE:HD1	1:113:A:PHE:HE1	9	1.64	1.21	1.08
(7,1831)	1:18:A:PHE:HD1	1:113:A:PHE:HE2	9	1.64	1.21	1.08
(7,1831)	1:18:A:PHE:HD2	1:113:A:PHE:HE1	9	1.64	1.21	1.08
(7,1831)	1:18:A:PHE:HD2	1:113:A:PHE:HE2	9	1.64	1.21	1.08
(5,1398)	1:12:A:VAL:HG21	1:13:A:ALA:HA	9	1.63	0.02	1.64
(5,1398)	1:12:A:VAL:HG22	1:13:A:ALA:HA	9	1.63	0.02	1.64
(5,1398)	1:12:A:VAL:HG23	1:13:A:ALA:HA	9	1.63	0.02	1.64
(11,927)	1:108:A:GLU:HG3	1:112:A:GLN:H	9	1.63	0.47	1.68
(1,1382)	1:12:A:VAL:HG21	1:13:A:ALA:HA	9	1.62	0.02	1.63
(1,1382)	1:12:A:VAL:HG22	1:13:A:ALA:HA	9	1.62	0.02	1.63
(1,1382)	1:12:A:VAL:HG23	1:13:A:ALA:HA	9	1.62	0.02	1.63
(29,1882)	1:18:A:PHE:HA	1:113:A:PHE:HE1	9	1.61	1.54	1.09
(29,1882)	1:18:A:PHE:HA	1:113:A:PHE:HE2	9	1.61	1.54	1.09
(32,1830)	1:18:A:PHE:HA	1:113:A:PHE:HE1	9	1.61	1.54	1.09
(32,1830)	1:18:A:PHE:HA	1:113:A:PHE:HE2	9	1.61	1.54	1.09
(17,1394)	1:12:A:VAL:HG21	1:13:A:ALA:HA	9	1.6	0.02	1.61
(17,1394)	1:12:A:VAL:HG22	1:13:A:ALA:HA	9	1.6	0.02	1.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,1394)	1:12:A:VAL:HG23	1:13:A:ALA:HA	9	1.6	0.02	1.61
(3,2042)	1:17:A:ASN:HB2	1:76:A:ARG:HA	9	1.59	1.15	1.11
(3,2042)	1:17:A:ASN:HB3	1:76:A:ARG:HA	9	1.59	1.15	1.11
(6,2025)	1:17:A:ASN:HB2	1:76:A:ARG:HA	9	1.59	1.15	1.11
(6,2025)	1:17:A:ASN:HB3	1:76:A:ARG:HA	9	1.59	1.15	1.11
(17,2027)	1:17:A:ASN:HB2	1:76:A:ARG:HA	9	1.59	1.15	1.11
(17,2027)	1:17:A:ASN:HB3	1:76:A:ARG:HA	9	1.59	1.15	1.11
(29,2035)	1:17:A:ASN:HB2	1:76:A:ARG:HA	9	1.59	1.15	1.11
(29,2035)	1:17:A:ASN:HB3	1:76:A:ARG:HA	9	1.59	1.15	1.11
(5,52)	1:47:A:ALA:H	1:134:A:VAL:HG11	9	1.58	0.8	1.56
(5,52)	1:47:A:ALA:H	1:134:A:VAL:HG12	9	1.58	0.8	1.56
(5,52)	1:47:A:ALA:H	1:134:A:VAL:HG13	9	1.58	0.8	1.56
(16,54)	1:47:A:ALA:H	1:134:A:VAL:HG11	9	1.56	0.8	1.54
(16,54)	1:47:A:ALA:H	1:134:A:VAL:HG12	9	1.56	0.8	1.54
(16,54)	1:47:A:ALA:H	1:134:A:VAL:HG13	9	1.56	0.8	1.54
(17,1234)	1:34:A:LYS:H	1:81:A:GLU:HA	9	1.54	1.15	1.31
(3,1996)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	9	1.5	0.66	1.72
(3,1996)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	9	1.5	0.66	1.72
(3,1996)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	9	1.5	0.66	1.72
(3,1996)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	9	1.5	0.66	1.72
(3,1996)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	9	1.5	0.66	1.72
(3,1996)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	9	1.5	0.66	1.72
(3,1996)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	9	1.5	0.66	1.72
(3,1996)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	9	1.5	0.66	1.72
(3,1996)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	9	1.5	0.66	1.72
(3,1996)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	9	1.5	0.66	1.72
(3,1996)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	9	1.5	0.66	1.72
(3,1996)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	9	1.5	0.66	1.72
(34,448)	1:68:A:LYS:H	1:70:A:LYS:HG2	9	1.49	0.73	1.32
(3,852)	1:48:A:ARG:HD2	1:49:A:LYS:HA	9	1.44	0.59	1.85
(3,852)	1:48:A:ARG:HD3	1:49:A:LYS:HA	9	1.44	0.59	1.85
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG11	9	1.39	0.83	1.18
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG12	9	1.39	0.83	1.18
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG13	9	1.39	0.83	1.18
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG21	9	1.39	0.83	1.18
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG22	9	1.39	0.83	1.18
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG23	9	1.39	0.83	1.18
(29,1838)	1:9:A:PHE:HZ	1:54:A:ARG:HE	9	1.39	0.75	1.31
(15,714)	1:44:A:GLU:HB2	1:48:A:ARG:HE	9	1.36	1.22	1.26
(15,714)	1:44:A:GLU:HB3	1:48:A:ARG:HE	9	1.36	1.22	1.26
(16,720)	1:44:A:GLU:HB2	1:48:A:ARG:HE	9	1.36	1.22	1.26
(16,720)	1:44:A:GLU:HB3	1:48:A:ARG:HE	9	1.36	1.22	1.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,1981)	1:17:A:ASN:HB2	1:76:A:ARG:HA	9	1.32	1.15	0.84
(32,1981)	1:17:A:ASN:HB3	1:76:A:ARG:HA	9	1.32	1.15	0.84
(6,60)	1:34:A:LYS:H	1:81:A:GLU:H	9	1.31	0.94	0.95
(29,1676)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	9	1.29	0.73	1.11
(29,1676)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	9	1.29	0.73	1.11
(29,1676)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	9	1.29	0.73	1.11
(29,1676)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	9	1.29	0.73	1.11
(29,1676)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	9	1.29	0.73	1.11
(29,1676)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	9	1.29	0.73	1.11
(29,1676)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	9	1.29	0.73	1.11
(29,1676)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	9	1.29	0.73	1.11
(29,1676)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	9	1.29	0.73	1.11
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG21	9	1.26	0.83	1.05
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG22	9	1.26	0.83	1.05
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG23	9	1.26	0.83	1.05
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG11	9	1.26	0.83	1.05
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG12	9	1.26	0.83	1.05
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG13	9	1.26	0.83	1.05
(1,2057)	1:31:A:PRO:HD2	1:144:A:LEU:HA	9	1.25	1.18	0.72
(1,2057)	1:31:A:PRO:HD3	1:144:A:LEU:HA	9	1.25	1.18	0.72
(7,2026)	1:31:A:PRO:HD2	1:144:A:LEU:HA	9	1.25	1.18	0.72
(7,2026)	1:31:A:PRO:HD3	1:144:A:LEU:HA	9	1.25	1.18	0.72
(15,2034)	1:31:A:PRO:HD2	1:144:A:LEU:HA	9	1.25	1.18	0.72
(15,2034)	1:31:A:PRO:HD3	1:144:A:LEU:HA	9	1.25	1.18	0.72
(17,2075)	1:31:A:PRO:HD2	1:144:A:LEU:HA	9	1.25	1.18	0.72
(17,2075)	1:31:A:PRO:HD3	1:144:A:LEU:HA	9	1.25	1.18	0.72
(33,975)	1:11:A:ILE:HG12	1:14:A:VAL:HB	9	1.24	0.84	1.05
(3,1355)	1:106:A:ASP:HA	1:112:A:GLN:HE21	9	1.23	0.27	1.2
(9,1326)	1:106:A:ASP:HA	1:112:A:GLN:HE21	9	1.23	0.27	1.2
(11,1347)	1:106:A:ASP:HA	1:112:A:GLN:HE21	9	1.23	0.27	1.2
(16,1332)	1:106:A:ASP:HA	1:112:A:GLN:HE21	9	1.23	0.27	1.2
(4,1423)	1:31:A:PRO:HD3	1:144:A:LEU:HA	9	1.22	1.27	1.37
(15,1375)	1:12:A:VAL:HG21	1:13:A:ALA:HA	9	1.16	0.02	1.17
(15,1375)	1:12:A:VAL:HG22	1:13:A:ALA:HA	9	1.16	0.02	1.17
(15,1375)	1:12:A:VAL:HG23	1:13:A:ALA:HA	9	1.16	0.02	1.17
(4,1897)	1:14:A:VAL:HB	1:18:A:PHE:HZ	9	1.11	0.89	1.06
(11,1942)	1:14:A:VAL:HB	1:18:A:PHE:HZ	9	1.11	0.89	1.06
(1,1161)	1:13:A:ALA:HB1	1:80:A:TYR:HA	9	1.11	0.5	1.11
(1,1161)	1:13:A:ALA:HB2	1:80:A:TYR:HA	9	1.11	0.5	1.11
(1,1161)	1:13:A:ALA:HB3	1:80:A:TYR:HA	9	1.11	0.5	1.11
(7,1133)	1:13:A:ALA:HB1	1:80:A:TYR:HA	9	1.11	0.5	1.11
(7,1133)	1:13:A:ALA:HB2	1:80:A:TYR:HA	9	1.11	0.5	1.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1133)	1:13:A:ALA:HB3	1:80:A:TYR:HA	9	1.11	0.5	1.11
(17,1163)	1:13:A:ALA:HB1	1:80:A:TYR:HA	9	1.11	0.5	1.11
(17,1163)	1:13:A:ALA:HB2	1:80:A:TYR:HA	9	1.11	0.5	1.11
(17,1163)	1:13:A:ALA:HB3	1:80:A:TYR:HA	9	1.11	0.5	1.11
(17,1488)	1:67:A:PRO:HD3	1:95:A:ILE:HA	9	1.11	0.6	1.41
(18,1461)	1:67:A:PRO:HD3	1:95:A:ILE:HA	9	1.11	0.6	1.41
(2,1008)	1:34:A:LYS:H	1:81:A:GLU:HB2	9	1.11	1.38	0.47
(13,997)	1:34:A:LYS:H	1:81:A:GLU:HB2	9	1.11	1.38	0.47
(34,1041)	1:34:A:LYS:H	1:81:A:GLU:HB2	9	1.11	1.38	0.47
(17,511)	1:70:A:LYS:HG3	1:71:A:LYS:H	9	1.1	0.36	0.98
(5,1489)	1:67:A:PRO:HD3	1:95:A:ILE:HA	9	1.1	0.6	1.4
(1,772)	1:37:A:LEU:H	1:40:A:LEU:HB3	9	1.09	0.55	1.14
(2,754)	1:37:A:LEU:H	1:40:A:LEU:HB3	9	1.09	0.55	1.14
(9,757)	1:37:A:LEU:H	1:40:A:LEU:HB3	9	1.09	0.55	1.14
(34,764)	1:37:A:LEU:H	1:40:A:LEU:HB3	9	1.09	0.55	1.14
(16,520)	1:70:A:LYS:HG3	1:71:A:LYS:H	9	1.07	0.36	0.95
(6,1465)	1:67:A:PRO:HD3	1:95:A:ILE:HA	9	1.06	0.6	1.36
(2,1395)	1:19:A:ALA:HB1	1:21:A:THR:HG21	9	1.06	0.68	1.26
(2,1395)	1:19:A:ALA:HB1	1:21:A:THR:HG22	9	1.06	0.68	1.26
(2,1395)	1:19:A:ALA:HB1	1:21:A:THR:HG23	9	1.06	0.68	1.26
(2,1395)	1:19:A:ALA:HB2	1:21:A:THR:HG21	9	1.06	0.68	1.26
(2,1395)	1:19:A:ALA:HB2	1:21:A:THR:HG22	9	1.06	0.68	1.26
(2,1395)	1:19:A:ALA:HB2	1:21:A:THR:HG23	9	1.06	0.68	1.26
(2,1395)	1:19:A:ALA:HB3	1:21:A:THR:HG21	9	1.06	0.68	1.26
(2,1395)	1:19:A:ALA:HB3	1:21:A:THR:HG22	9	1.06	0.68	1.26
(2,1395)	1:19:A:ALA:HB3	1:21:A:THR:HG23	9	1.06	0.68	1.26
(6,1387)	1:19:A:ALA:HB1	1:21:A:THR:HG21	9	1.06	0.68	1.26
(6,1387)	1:19:A:ALA:HB1	1:21:A:THR:HG22	9	1.06	0.68	1.26
(6,1387)	1:19:A:ALA:HB1	1:21:A:THR:HG23	9	1.06	0.68	1.26
(6,1387)	1:19:A:ALA:HB2	1:21:A:THR:HG21	9	1.06	0.68	1.26
(6,1387)	1:19:A:ALA:HB2	1:21:A:THR:HG22	9	1.06	0.68	1.26
(6,1387)	1:19:A:ALA:HB2	1:21:A:THR:HG23	9	1.06	0.68	1.26
(6,1387)	1:19:A:ALA:HB3	1:21:A:THR:HG21	9	1.06	0.68	1.26
(6,1387)	1:19:A:ALA:HB3	1:21:A:THR:HG22	9	1.06	0.68	1.26
(6,1387)	1:19:A:ALA:HB3	1:21:A:THR:HG23	9	1.06	0.68	1.26
(11,1411)	1:19:A:ALA:HB1	1:21:A:THR:HG21	9	1.06	0.68	1.26
(11,1411)	1:19:A:ALA:HB1	1:21:A:THR:HG22	9	1.06	0.68	1.26
(11,1411)	1:19:A:ALA:HB1	1:21:A:THR:HG23	9	1.06	0.68	1.26
(11,1411)	1:19:A:ALA:HB2	1:21:A:THR:HG21	9	1.06	0.68	1.26
(11,1411)	1:19:A:ALA:HB2	1:21:A:THR:HG22	9	1.06	0.68	1.26
(11,1411)	1:19:A:ALA:HB2	1:21:A:THR:HG23	9	1.06	0.68	1.26
(11,1411)	1:19:A:ALA:HB3	1:21:A:THR:HG21	9	1.06	0.68	1.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,1411)	1:19:A:ALA:HB3	1:21:A:THR:HG22	9	1.06	0.68	1.26
(11,1411)	1:19:A:ALA:HB3	1:21:A:THR:HG23	9	1.06	0.68	1.26
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	9	1.05	0.65	0.63
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	9	1.05	0.65	0.63
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	9	1.05	0.65	0.63
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	9	1.05	0.65	0.63
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	9	1.05	0.65	0.63
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	9	1.05	0.65	0.63
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	9	1.05	0.65	0.63
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	9	1.05	0.65	0.63
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	9	1.05	0.65	0.63
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	9	1.05	0.65	0.63
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	9	1.05	0.65	0.63
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	9	1.05	0.65	0.63
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	9	1.05	0.65	0.63
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	9	1.05	0.65	0.63
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	9	1.05	0.65	0.63
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	9	1.05	0.65	0.63
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	9	1.05	0.65	0.63
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	9	1.05	0.65	0.63
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	9	1.05	0.65	0.63
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	9	1.05	0.65	0.63
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	9	1.05	0.65	0.63
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	9	1.05	0.65	0.63
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	9	1.05	0.65	0.63
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	9	1.05	0.65	0.63
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	9	1.05	0.65	0.63
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	9	1.05	0.65	0.63
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	9	1.05	0.65	0.63
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	9	1.05	0.65	0.63
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	9	1.05	0.65	0.63
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	9	1.05	0.65	0.63
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	9	1.05	0.65	0.63
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	9	1.05	0.65	0.63
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	9	1.05	0.65	0.63
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	9	1.05	0.65	0.63
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	9	1.05	0.65	0.63
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	9	1.05	0.65	0.63
(3,1213)	1:11:A:ILE:HA	1:40:A:LEU:HD11	9	1.01	0.26	0.9
(3,1213)	1:11:A:ILE:HA	1:40:A:LEU:HD12	9	1.01	0.26	0.9
(3,1213)	1:11:A:ILE:HA	1:40:A:LEU:HD13	9	1.01	0.26	0.9
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG11	9	1.01	0.7	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG12	9	1.01	0.7	0.7
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG13	9	1.01	0.7	0.7
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG21	9	1.01	0.7	0.7
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG22	9	1.01	0.7	0.7
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG23	9	1.01	0.7	0.7
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG11	9	1.01	0.7	0.7
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG12	9	1.01	0.7	0.7
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG13	9	1.01	0.7	0.7
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG21	9	1.01	0.7	0.7
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG22	9	1.01	0.7	0.7
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG23	9	1.01	0.7	0.7
(1,1477)	1:67:A:PRO:HD3	1:95:A:ILE:HA	9	1.01	0.6	1.31
(9,1463)	1:67:A:PRO:HD3	1:95:A:ILE:HA	9	1.01	0.6	1.31
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD11	9	1.01	0.65	0.75
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD12	9	1.01	0.65	0.75
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD13	9	1.01	0.65	0.75
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD21	9	1.01	0.65	0.75
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD22	9	1.01	0.65	0.75
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD23	9	1.01	0.65	0.75
(30,1242)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	9	1.0	0.54	0.84
(30,1242)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	9	1.0	0.54	0.84
(30,1242)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	9	1.0	0.54	0.84
(30,1242)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	9	1.0	0.54	0.84
(30,1242)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	9	1.0	0.54	0.84
(30,1242)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	9	1.0	0.54	0.84
(32,917)	1:11:A:ILE:HD11	1:12:A:VAL:HA	9	0.99	0.71	0.54
(32,917)	1:11:A:ILE:HD12	1:12:A:VAL:HA	9	0.99	0.71	0.54
(32,917)	1:11:A:ILE:HD13	1:12:A:VAL:HA	9	0.99	0.71	0.54
(17,1218)	1:41:A:LYS:HG3	1:44:A:GLU:HG2	9	0.99	0.72	0.74
(34,530)	1:70:A:LYS:HG3	1:71:A:LYS:H	9	0.99	0.36	0.87
(3,1495)	1:67:A:PRO:HD3	1:95:A:ILE:HA	9	0.99	0.6	1.29
(34,1484)	1:67:A:PRO:HD3	1:95:A:ILE:HA	9	0.99	0.6	1.29
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	9	0.98	0.65	0.56
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	9	0.98	0.65	0.56
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	9	0.98	0.65	0.56
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	9	0.98	0.65	0.56
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	9	0.98	0.65	0.56
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	9	0.98	0.65	0.56
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	9	0.98	0.65	0.56
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	9	0.98	0.65	0.56
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	9	0.98	0.65	0.56
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	9	0.98	0.65	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	9	0.98	0.65	0.56
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	9	0.98	0.65	0.56
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	9	0.98	0.65	0.56
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	9	0.98	0.65	0.56
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	9	0.98	0.65	0.56
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	9	0.98	0.65	0.56
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	9	0.98	0.65	0.56
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	9	0.98	0.65	0.56
(34,1275)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	9	0.98	0.54	0.82
(34,1275)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	9	0.98	0.54	0.82
(34,1275)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	9	0.98	0.54	0.82
(34,1275)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	9	0.98	0.54	0.82
(34,1275)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	9	0.98	0.54	0.82
(34,1275)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	9	0.98	0.54	0.82
(5,1329)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	9	0.97	0.47	1.28
(5,1329)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	9	0.97	0.47	1.28
(5,1329)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	9	0.97	0.47	1.28
(5,1329)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	9	0.97	0.47	1.28
(5,1329)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	9	0.97	0.47	1.28
(5,1329)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	9	0.97	0.47	1.28
(5,1329)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	9	0.97	0.47	1.28
(5,1329)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	9	0.97	0.47	1.28
(5,1329)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	9	0.97	0.47	1.28
(33,1507)	1:11:A:ILE:HD11	1:43:A:MET:HE1	9	0.97	0.63	0.79
(33,1507)	1:11:A:ILE:HD11	1:43:A:MET:HE2	9	0.97	0.63	0.79
(33,1507)	1:11:A:ILE:HD11	1:43:A:MET:HE3	9	0.97	0.63	0.79
(33,1507)	1:11:A:ILE:HD12	1:43:A:MET:HE1	9	0.97	0.63	0.79
(33,1507)	1:11:A:ILE:HD12	1:43:A:MET:HE2	9	0.97	0.63	0.79
(33,1507)	1:11:A:ILE:HD12	1:43:A:MET:HE3	9	0.97	0.63	0.79
(33,1507)	1:11:A:ILE:HD13	1:43:A:MET:HE1	9	0.97	0.63	0.79
(33,1507)	1:11:A:ILE:HD13	1:43:A:MET:HE2	9	0.97	0.63	0.79
(33,1507)	1:11:A:ILE:HD13	1:43:A:MET:HE3	9	0.97	0.63	0.79
(11,1601)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	9	0.96	0.38	1.01
(11,1601)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	9	0.96	0.38	1.01
(11,1601)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	9	0.96	0.38	1.01
(11,1601)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	9	0.96	0.38	1.01
(11,1601)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	9	0.96	0.38	1.01
(11,1601)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	9	0.96	0.38	1.01
(11,1601)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	9	0.96	0.38	1.01
(11,1601)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	9	0.96	0.38	1.01
(11,1601)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	9	0.96	0.38	1.01
(7,2215)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	9	0.95	0.35	1.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,2215)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	9	0.95	0.35	1.05
(13,1300)	1:106:A:ASP:HA	1:112:A:GLN:HE21	9	0.95	0.27	0.92
(34,1347)	1:106:A:ASP:HA	1:112:A:GLN:HE21	9	0.95	0.27	0.92
(4,1202)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	9	0.94	0.68	0.71
(4,1202)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	9	0.94	0.68	0.71
(4,1202)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	9	0.94	0.68	0.71
(1,340)	1:57:A:LEU:H	1:58:A:ILE:HG13	9	0.91	0.69	0.57
(18,345)	1:57:A:LEU:H	1:58:A:ILE:HG13	9	0.91	0.69	0.57
(32,325)	1:57:A:LEU:H	1:58:A:ILE:HG13	9	0.91	0.69	0.57
(6,2149)	1:43:A:MET:HE1	1:46:A:ASN:HD21	9	0.9	0.4	0.94
(6,2149)	1:43:A:MET:HE1	1:46:A:ASN:HD22	9	0.9	0.4	0.94
(6,2149)	1:43:A:MET:HE2	1:46:A:ASN:HD21	9	0.9	0.4	0.94
(6,2149)	1:43:A:MET:HE2	1:46:A:ASN:HD22	9	0.9	0.4	0.94
(6,2149)	1:43:A:MET:HE3	1:46:A:ASN:HD21	9	0.9	0.4	0.94
(6,2149)	1:43:A:MET:HE3	1:46:A:ASN:HD22	9	0.9	0.4	0.94
(7,2121)	1:43:A:MET:HE1	1:46:A:ASN:HD21	9	0.9	0.4	0.94
(7,2121)	1:43:A:MET:HE1	1:46:A:ASN:HD22	9	0.9	0.4	0.94
(7,2121)	1:43:A:MET:HE2	1:46:A:ASN:HD21	9	0.9	0.4	0.94
(7,2121)	1:43:A:MET:HE2	1:46:A:ASN:HD22	9	0.9	0.4	0.94
(7,2121)	1:43:A:MET:HE3	1:46:A:ASN:HD21	9	0.9	0.4	0.94
(7,2121)	1:43:A:MET:HE3	1:46:A:ASN:HD22	9	0.9	0.4	0.94
(4,1258)	1:12:A:VAL:HG21	1:13:A:ALA:HA	9	0.88	0.02	0.89
(4,1258)	1:12:A:VAL:HG22	1:13:A:ALA:HA	9	0.88	0.02	0.89
(4,1258)	1:12:A:VAL:HG23	1:13:A:ALA:HA	9	0.88	0.02	0.89
(13,1253)	1:12:A:VAL:HG21	1:13:A:ALA:HA	9	0.88	0.02	0.89
(13,1253)	1:12:A:VAL:HG22	1:13:A:ALA:HA	9	0.88	0.02	0.89
(13,1253)	1:12:A:VAL:HG23	1:13:A:ALA:HA	9	0.88	0.02	0.89
(29,1292)	1:12:A:VAL:HG21	1:13:A:ALA:HA	9	0.88	0.02	0.89
(29,1292)	1:12:A:VAL:HG22	1:13:A:ALA:HA	9	0.88	0.02	0.89
(29,1292)	1:12:A:VAL:HG23	1:13:A:ALA:HA	9	0.88	0.02	0.89
(3,945)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	9	0.87	0.55	0.77
(3,945)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	9	0.87	0.55	0.77
(3,945)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	9	0.87	0.55	0.77
(3,945)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	9	0.87	0.55	0.77
(5,929)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	9	0.87	0.55	0.77
(5,929)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	9	0.87	0.55	0.77
(5,929)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	9	0.87	0.55	0.77
(5,929)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	9	0.87	0.55	0.77
(7,917)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	9	0.87	0.55	0.77
(7,917)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	9	0.87	0.55	0.77
(7,917)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	9	0.87	0.55	0.77
(7,917)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	9	0.87	0.55	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,926)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	9	0.87	0.55	0.77
(15,926)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	9	0.87	0.55	0.77
(15,926)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	9	0.87	0.55	0.77
(15,926)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	9	0.87	0.55	0.77
(33,934)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	9	0.87	0.55	0.77
(33,934)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	9	0.87	0.55	0.77
(33,934)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	9	0.87	0.55	0.77
(33,934)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	9	0.87	0.55	0.77
(34,947)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	9	0.87	0.55	0.77
(34,947)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	9	0.87	0.55	0.77
(34,947)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	9	0.87	0.55	0.77
(34,947)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	9	0.87	0.55	0.77
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	9	0.87	0.35	0.92
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	9	0.87	0.35	0.92
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	9	0.87	0.35	0.92
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD21	9	0.87	0.35	0.92
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD22	9	0.87	0.35	0.92
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD23	9	0.87	0.35	0.92
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	9	0.87	0.35	0.92
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	9	0.87	0.35	0.92
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	9	0.87	0.35	0.92
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD21	9	0.87	0.35	0.92
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD22	9	0.87	0.35	0.92
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD23	9	0.87	0.35	0.92
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	9	0.87	0.35	0.92
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	9	0.87	0.35	0.92
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	9	0.87	0.35	0.92
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD21	9	0.87	0.35	0.92
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD22	9	0.87	0.35	0.92
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD23	9	0.87	0.35	0.92
(1,2211)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	9	0.85	0.23	0.83
(1,2211)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	9	0.85	0.23	0.83
(1,2211)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	9	0.85	0.23	0.83
(1,2211)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	9	0.85	0.23	0.83
(11,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	9	0.84	0.21	0.85
(11,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	9	0.84	0.21	0.85
(11,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	9	0.84	0.21	0.85
(11,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	9	0.84	0.21	0.85
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG11	9	0.84	0.55	0.6
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG12	9	0.84	0.55	0.6
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG13	9	0.84	0.55	0.6
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	9	0.84	0.55	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	9	0.84	0.55	0.6
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	9	0.84	0.55	0.6
(2,1062)	1:54:A:ARG:HA	1:58:A:ILE:HG13	9	0.82	0.63	0.6
(6,1053)	1:54:A:ARG:HA	1:58:A:ILE:HG13	9	0.82	0.63	0.6
(9,1066)	1:54:A:ARG:HA	1:58:A:ILE:HG13	9	0.82	0.63	0.6
(11,2460)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	9	0.82	0.6	0.81
(11,2460)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	9	0.82	0.6	0.81
(11,2460)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	9	0.82	0.6	0.81
(11,2460)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	9	0.82	0.6	0.81
(7,1269)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	9	0.82	0.64	0.64
(7,1269)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	9	0.82	0.64	0.64
(7,1269)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	9	0.82	0.64	0.64
(13,608)	1:55:A:GLY:H	1:58:A:ILE:HG13	9	0.81	0.53	0.61
(30,613)	1:55:A:GLY:H	1:58:A:ILE:HG13	9	0.81	0.53	0.61
(32,598)	1:55:A:GLY:H	1:58:A:ILE:HG13	9	0.81	0.53	0.61
(1,579)	1:11:A:ILE:HD11	1:16:A:SER:H	9	0.81	0.61	0.66
(1,579)	1:11:A:ILE:HD12	1:16:A:SER:H	9	0.81	0.61	0.66
(1,579)	1:11:A:ILE:HD13	1:16:A:SER:H	9	0.81	0.61	0.66
(5,569)	1:11:A:ILE:HD11	1:16:A:SER:H	9	0.81	0.61	0.66
(5,569)	1:11:A:ILE:HD12	1:16:A:SER:H	9	0.81	0.61	0.66
(5,569)	1:11:A:ILE:HD13	1:16:A:SER:H	9	0.81	0.61	0.66
(13,568)	1:11:A:ILE:HD11	1:16:A:SER:H	9	0.81	0.61	0.66
(13,568)	1:11:A:ILE:HD12	1:16:A:SER:H	9	0.81	0.61	0.66
(13,568)	1:11:A:ILE:HD13	1:16:A:SER:H	9	0.81	0.61	0.66
(30,755)	1:37:A:LEU:H	1:40:A:LEU:HB3	9	0.81	0.55	0.86
(16,1888)	1:150:A:THR:H	1:151:A:PHE:HD1	9	0.8	0.59	0.6
(16,1888)	1:150:A:THR:H	1:151:A:PHE:HD2	9	0.8	0.59	0.6
(1,727)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	9	0.8	0.51	0.57
(1,727)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	9	0.8	0.51	0.57
(1,727)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	9	0.8	0.51	0.57
(13,1937)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	9	0.79	0.42	0.92
(13,1937)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	9	0.79	0.42	0.92
(13,1937)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	9	0.79	0.42	0.92
(13,1937)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	9	0.79	0.42	0.92
(13,1937)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	9	0.79	0.42	0.92
(13,1937)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	9	0.79	0.42	0.92
(9,910)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	9	0.79	0.39	0.64
(18,731)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	9	0.79	0.51	0.56
(18,731)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	9	0.79	0.51	0.56
(18,731)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	9	0.79	0.51	0.56
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD11	9	0.78	0.45	0.62
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD12	9	0.78	0.45	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD13	9	0.78	0.45	0.62
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD21	9	0.78	0.45	0.62
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD22	9	0.78	0.45	0.62
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD23	9	0.78	0.45	0.62
(6,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	9	0.78	0.23	0.76
(6,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	9	0.78	0.23	0.76
(6,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	9	0.78	0.23	0.76
(6,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	9	0.78	0.23	0.76
(18,2241)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	9	0.78	0.23	0.76
(18,2241)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	9	0.78	0.23	0.76
(18,2241)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	9	0.78	0.23	0.76
(18,2241)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	9	0.78	0.23	0.76
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD11	9	0.78	0.62	0.41
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD12	9	0.78	0.62	0.41
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD13	9	0.78	0.62	0.41
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD21	9	0.78	0.62	0.41
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD22	9	0.78	0.62	0.41
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD23	9	0.78	0.62	0.41
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	9	0.78	0.42	0.74
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	9	0.78	0.42	0.74
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	9	0.78	0.42	0.74
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	9	0.78	0.42	0.74
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	9	0.78	0.42	0.74
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	9	0.78	0.42	0.74
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	9	0.78	0.42	0.74
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	9	0.78	0.42	0.74
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	9	0.78	0.42	0.74
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	9	0.78	0.42	0.74
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	9	0.78	0.42	0.74
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	9	0.78	0.42	0.74
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	9	0.78	0.42	0.74
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	9	0.78	0.42	0.74
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	9	0.78	0.42	0.74
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	9	0.78	0.42	0.74
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	9	0.78	0.42	0.74
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	9	0.78	0.42	0.74
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	9	0.78	0.42	0.74
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	9	0.78	0.42	0.74
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	9	0.78	0.42	0.74
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	9	0.78	0.42	0.74
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	9	0.78	0.42	0.74
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	9	0.78	0.42	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	9	0.78	0.42	0.74
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	9	0.78	0.42	0.74
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	9	0.78	0.42	0.74
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	9	0.78	0.42	0.74
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	9	0.78	0.42	0.74
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	9	0.78	0.42	0.74
(30,1896)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	9	0.77	0.56	0.66
(30,1896)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	9	0.77	0.56	0.66
(30,1896)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	9	0.77	0.56	0.66
(30,1896)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	9	0.77	0.56	0.66
(30,1896)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	9	0.77	0.56	0.66
(30,1896)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	9	0.77	0.56	0.66
(29,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	9	0.76	0.23	0.74
(29,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	9	0.76	0.23	0.74
(29,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	9	0.76	0.23	0.74
(29,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	9	0.76	0.23	0.74
(30,1202)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	9	0.76	0.5	0.63
(30,1202)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	9	0.76	0.5	0.63
(30,1202)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	9	0.76	0.5	0.63
(30,1202)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	9	0.76	0.5	0.63
(30,1202)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	9	0.76	0.5	0.63
(30,1202)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	9	0.76	0.5	0.63
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD11	9	0.75	0.62	0.38
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD12	9	0.75	0.62	0.38
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD13	9	0.75	0.62	0.38
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD21	9	0.75	0.62	0.38
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD22	9	0.75	0.62	0.38
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD23	9	0.75	0.62	0.38
(5,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	9	0.74	0.22	0.81
(5,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	9	0.74	0.22	0.81
(5,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	9	0.74	0.22	0.81
(5,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	9	0.74	0.22	0.81
(5,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	9	0.74	0.22	0.81
(5,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	9	0.74	0.22	0.81
(11,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	9	0.74	0.22	0.81
(11,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	9	0.74	0.22	0.81
(11,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	9	0.74	0.22	0.81
(11,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	9	0.74	0.22	0.81
(11,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	9	0.74	0.22	0.81
(11,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	9	0.74	0.22	0.81
(17,842)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	9	0.74	0.22	0.81
(17,842)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	9	0.74	0.22	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,842)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	9	0.74	0.22	0.81
(17,842)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	9	0.74	0.22	0.81
(17,842)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	9	0.74	0.22	0.81
(17,842)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	9	0.74	0.22	0.81
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG11	9	0.74	0.33	0.77
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG12	9	0.74	0.33	0.77
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG13	9	0.74	0.33	0.77
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG21	9	0.74	0.33	0.77
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG22	9	0.74	0.33	0.77
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG23	9	0.74	0.33	0.77
(29,2395)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	9	0.74	0.32	0.73
(29,2395)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	9	0.74	0.32	0.73
(29,2395)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	9	0.74	0.32	0.73
(29,2395)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	9	0.74	0.32	0.73
(29,2395)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	9	0.74	0.32	0.73
(29,2395)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	9	0.74	0.32	0.73
(34,1233)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	9	0.74	0.5	0.61
(34,1233)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	9	0.74	0.5	0.61
(34,1233)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	9	0.74	0.5	0.61
(34,1233)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	9	0.74	0.5	0.61
(34,1233)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	9	0.74	0.5	0.61
(34,1233)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	9	0.74	0.5	0.61
(3,729)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	9	0.74	0.51	0.51
(3,729)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	9	0.74	0.51	0.51
(3,729)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	9	0.74	0.51	0.51
(6,1862)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	9	0.74	0.39	0.59
(13,1921)	1:11:A:ILE:HD11	1:46:A:ASN:HD21	9	0.73	0.29	0.73
(13,1921)	1:11:A:ILE:HD11	1:46:A:ASN:HD22	9	0.73	0.29	0.73
(13,1921)	1:11:A:ILE:HD12	1:46:A:ASN:HD21	9	0.73	0.29	0.73
(13,1921)	1:11:A:ILE:HD12	1:46:A:ASN:HD22	9	0.73	0.29	0.73
(13,1921)	1:11:A:ILE:HD13	1:46:A:ASN:HD21	9	0.73	0.29	0.73
(13,1921)	1:11:A:ILE:HD13	1:46:A:ASN:HD22	9	0.73	0.29	0.73
(29,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	9	0.73	0.5	0.6
(29,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	9	0.73	0.5	0.6
(29,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	9	0.73	0.5	0.6
(29,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	9	0.73	0.5	0.6
(29,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	9	0.73	0.5	0.6
(29,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	9	0.73	0.5	0.6
(18,1774)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	9	0.73	0.4	0.73
(18,1774)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	9	0.73	0.4	0.73
(18,1774)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	9	0.73	0.4	0.73
(18,1774)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	9	0.73	0.4	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,1774)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	9	0.73	0.4	0.73
(18,1774)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	9	0.73	0.4	0.73
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	9	0.73	0.51	0.77
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	9	0.73	0.51	0.77
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	9	0.73	0.51	0.77
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	9	0.73	0.51	0.77
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	9	0.73	0.51	0.77
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	9	0.73	0.51	0.77
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	9	0.73	0.51	0.77
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	9	0.73	0.51	0.77
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	9	0.73	0.51	0.77
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	9	0.73	0.51	0.77
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	9	0.73	0.51	0.77
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	9	0.73	0.51	0.77
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD11	9	0.73	0.62	0.36
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD12	9	0.73	0.62	0.36
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD13	9	0.73	0.62	0.36
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD21	9	0.73	0.62	0.36
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD22	9	0.73	0.62	0.36
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD23	9	0.73	0.62	0.36
(16,945)	1:79:A:THR:HG21	1:81:A:GLU:HG2	9	0.72	0.43	0.71
(16,945)	1:79:A:THR:HG21	1:81:A:GLU:HG3	9	0.72	0.43	0.71
(16,945)	1:79:A:THR:HG22	1:81:A:GLU:HG2	9	0.72	0.43	0.71
(16,945)	1:79:A:THR:HG22	1:81:A:GLU:HG3	9	0.72	0.43	0.71
(16,945)	1:79:A:THR:HG23	1:81:A:GLU:HG2	9	0.72	0.43	0.71
(16,945)	1:79:A:THR:HG23	1:81:A:GLU:HG3	9	0.72	0.43	0.71
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD11	9	0.72	0.57	0.56
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD12	9	0.72	0.57	0.56
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD13	9	0.72	0.57	0.56
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD21	9	0.72	0.57	0.56
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD22	9	0.72	0.57	0.56
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD23	9	0.72	0.57	0.56
(17,1806)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	9	0.72	0.4	0.72
(17,1806)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	9	0.72	0.4	0.72
(17,1806)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	9	0.72	0.4	0.72
(17,1806)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	9	0.72	0.4	0.72
(17,1806)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	9	0.72	0.4	0.72
(17,1806)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	9	0.72	0.4	0.72
(2,54)	1:47:A:ALA:H	1:134:A:VAL:HG21	9	0.71	0.32	0.72
(2,54)	1:47:A:ALA:H	1:134:A:VAL:HG22	9	0.71	0.32	0.72
(2,54)	1:47:A:ALA:H	1:134:A:VAL:HG23	9	0.71	0.32	0.72
(32,1813)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	9	0.7	0.6	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,1813)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	9	0.7	0.6	0.47
(32,1813)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	9	0.7	0.6	0.47
(32,1813)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	9	0.7	0.6	0.47
(32,2252)	1:70:A:LYS:HG2	1:71:A:LYS:H	9	0.69	0.26	0.72
(32,2252)	1:70:A:LYS:HG3	1:71:A:LYS:H	9	0.69	0.26	0.72
(2,2275)	1:70:A:LYS:HG2	1:71:A:LYS:H	9	0.68	0.26	0.71
(2,2275)	1:70:A:LYS:HG3	1:71:A:LYS:H	9	0.68	0.26	0.71
(1,1258)	1:12:A:VAL:H	1:12:A:VAL:HG11	9	0.68	0.03	0.7
(1,1258)	1:12:A:VAL:H	1:12:A:VAL:HG12	9	0.68	0.03	0.7
(1,1258)	1:12:A:VAL:H	1:12:A:VAL:HG13	9	0.68	0.03	0.7
(5,1266)	1:12:A:VAL:H	1:12:A:VAL:HG11	9	0.68	0.03	0.7
(5,1266)	1:12:A:VAL:H	1:12:A:VAL:HG12	9	0.68	0.03	0.7
(5,1266)	1:12:A:VAL:H	1:12:A:VAL:HG13	9	0.68	0.03	0.7
(7,1235)	1:12:A:VAL:H	1:12:A:VAL:HG11	9	0.68	0.03	0.7
(7,1235)	1:12:A:VAL:H	1:12:A:VAL:HG12	9	0.68	0.03	0.7
(7,1235)	1:12:A:VAL:H	1:12:A:VAL:HG13	9	0.68	0.03	0.7
(15,1256)	1:12:A:VAL:H	1:12:A:VAL:HG11	9	0.68	0.03	0.7
(15,1256)	1:12:A:VAL:H	1:12:A:VAL:HG12	9	0.68	0.03	0.7
(15,1256)	1:12:A:VAL:H	1:12:A:VAL:HG13	9	0.68	0.03	0.7
(17,1261)	1:12:A:VAL:H	1:12:A:VAL:HG11	9	0.68	0.03	0.7
(17,1261)	1:12:A:VAL:H	1:12:A:VAL:HG12	9	0.68	0.03	0.7
(17,1261)	1:12:A:VAL:H	1:12:A:VAL:HG13	9	0.68	0.03	0.7
(7,1621)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	9	0.68	0.11	0.65
(7,1621)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	9	0.68	0.11	0.65
(7,1621)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	9	0.68	0.11	0.65
(7,1621)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	9	0.68	0.11	0.65
(7,1621)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	9	0.68	0.11	0.65
(7,1621)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	9	0.68	0.11	0.65
(7,1621)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	9	0.68	0.11	0.65
(7,1621)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	9	0.68	0.11	0.65
(7,1621)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	9	0.68	0.11	0.65
(1,1795)	1:13:A:ALA:H	1:80:A:TYR:HD1	9	0.68	0.4	0.54
(1,1795)	1:13:A:ALA:H	1:80:A:TYR:HD2	9	0.68	0.4	0.54
(17,1913)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	9	0.67	0.47	0.58
(17,1913)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	9	0.67	0.47	0.58
(17,1913)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	9	0.67	0.47	0.58
(17,1913)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	9	0.67	0.47	0.58
(17,1913)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	9	0.67	0.47	0.58
(17,1913)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	9	0.67	0.47	0.58
(18,1887)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	9	0.67	0.47	0.58
(18,1887)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	9	0.67	0.47	0.58
(18,1887)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	9	0.67	0.47	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,1887)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	9	0.67	0.47	0.58
(18,1887)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	9	0.67	0.47	0.58
(18,1887)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	9	0.67	0.47	0.58
(33,2263)	1:70:A:LYS:HG2	1:71:A:LYS:H	9	0.67	0.26	0.7
(33,2263)	1:70:A:LYS:HG3	1:71:A:LYS:H	9	0.67	0.26	0.7
(11,725)	1:73:A:ILE:HG21	1:76:A:ARG:HE	9	0.67	0.32	0.63
(11,725)	1:73:A:ILE:HG22	1:76:A:ARG:HE	9	0.67	0.32	0.63
(11,725)	1:73:A:ILE:HG23	1:76:A:ARG:HE	9	0.67	0.32	0.63
(16,735)	1:73:A:ILE:HG21	1:76:A:ARG:HE	9	0.67	0.32	0.63
(16,735)	1:73:A:ILE:HG22	1:76:A:ARG:HE	9	0.67	0.32	0.63
(16,735)	1:73:A:ILE:HG23	1:76:A:ARG:HE	9	0.67	0.32	0.63
(1,1412)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	9	0.67	0.28	0.76
(1,1412)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	9	0.67	0.28	0.76
(1,1412)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	9	0.67	0.28	0.76
(4,1389)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	9	0.67	0.28	0.76
(4,1389)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	9	0.67	0.28	0.76
(4,1389)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	9	0.67	0.28	0.76
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	9	0.67	0.56	0.58
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	9	0.67	0.56	0.58
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	9	0.67	0.56	0.58
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	9	0.67	0.56	0.58
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	9	0.67	0.56	0.58
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	9	0.67	0.56	0.58
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	9	0.67	0.56	0.58
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	9	0.67	0.56	0.58
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	9	0.67	0.56	0.58
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	9	0.67	0.56	0.58
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	9	0.67	0.56	0.58
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	9	0.67	0.56	0.58
(9,2364)	1:131:A:LEU:HD11	1:134:A:VAL:HB	9	0.65	0.45	0.66
(9,2364)	1:131:A:LEU:HD12	1:134:A:VAL:HB	9	0.65	0.45	0.66
(9,2364)	1:131:A:LEU:HD13	1:134:A:VAL:HB	9	0.65	0.45	0.66
(9,2364)	1:131:A:LEU:HD21	1:134:A:VAL:HB	9	0.65	0.45	0.66
(9,2364)	1:131:A:LEU:HD22	1:134:A:VAL:HB	9	0.65	0.45	0.66
(9,2364)	1:131:A:LEU:HD23	1:134:A:VAL:HB	9	0.65	0.45	0.66
(4,1015)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	9	0.64	0.17	0.65
(6,1014)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	9	0.64	0.17	0.65
(34,1057)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	9	0.64	0.17	0.65
(16,708)	1:46:A:ASN:HB3	1:134:A:VAL:H	9	0.64	0.42	0.4
(29,706)	1:46:A:ASN:HB3	1:134:A:VAL:H	9	0.64	0.42	0.4
(3,585)	1:50:A:ALA:HB1	1:126:A:GLY:H	9	0.63	0.3	0.56
(3,585)	1:50:A:ALA:HB2	1:126:A:GLY:H	9	0.63	0.3	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,585)	1:50:A:ALA:HB3	1:126:A:GLY:H	9	0.63	0.3	0.56
(7,580)	1:50:A:ALA:HB1	1:126:A:GLY:H	9	0.63	0.3	0.56
(7,580)	1:50:A:ALA:HB2	1:126:A:GLY:H	9	0.63	0.3	0.56
(7,580)	1:50:A:ALA:HB3	1:126:A:GLY:H	9	0.63	0.3	0.56
(1,660)	1:79:A:THR:H	1:80:A:TYR:HD1	9	0.63	0.17	0.71
(1,660)	1:79:A:THR:H	1:80:A:TYR:HD2	9	0.63	0.17	0.71
(3,659)	1:79:A:THR:H	1:80:A:TYR:HD1	9	0.63	0.17	0.71
(3,659)	1:79:A:THR:H	1:80:A:TYR:HD2	9	0.63	0.17	0.71
(4,644)	1:79:A:THR:H	1:80:A:TYR:HD1	9	0.63	0.17	0.71
(4,644)	1:79:A:THR:H	1:80:A:TYR:HD2	9	0.63	0.17	0.71
(9,649)	1:79:A:THR:H	1:80:A:TYR:HD1	9	0.63	0.17	0.71
(9,649)	1:79:A:THR:H	1:80:A:TYR:HD2	9	0.63	0.17	0.71
(17,654)	1:79:A:THR:H	1:80:A:TYR:HD1	9	0.63	0.17	0.71
(17,654)	1:79:A:THR:H	1:80:A:TYR:HD2	9	0.63	0.17	0.71
(18,665)	1:79:A:THR:H	1:80:A:TYR:HD1	9	0.63	0.17	0.71
(18,665)	1:79:A:THR:H	1:80:A:TYR:HD2	9	0.63	0.17	0.71
(29,658)	1:79:A:THR:H	1:80:A:TYR:HD1	9	0.63	0.17	0.71
(29,658)	1:79:A:THR:H	1:80:A:TYR:HD2	9	0.63	0.17	0.71
(34,661)	1:79:A:THR:H	1:80:A:TYR:HD1	9	0.63	0.17	0.71
(34,661)	1:79:A:THR:H	1:80:A:TYR:HD2	9	0.63	0.17	0.71
(9,1029)	1:11:A:ILE:HG12	1:43:A:MET:HB3	9	0.63	0.31	0.69
(4,228)	1:10:A:ASN:H	1:13:A:ALA:HB1	9	0.63	0.27	0.59
(4,228)	1:10:A:ASN:H	1:13:A:ALA:HB2	9	0.63	0.27	0.59
(4,228)	1:10:A:ASN:H	1:13:A:ALA:HB3	9	0.63	0.27	0.59
(18,238)	1:10:A:ASN:H	1:13:A:ALA:HB1	9	0.63	0.27	0.59
(18,238)	1:10:A:ASN:H	1:13:A:ALA:HB2	9	0.63	0.27	0.59
(18,238)	1:10:A:ASN:H	1:13:A:ALA:HB3	9	0.63	0.27	0.59
(13,2225)	1:70:A:LYS:HG2	1:71:A:LYS:H	9	0.62	0.26	0.65
(13,2225)	1:70:A:LYS:HG3	1:71:A:LYS:H	9	0.62	0.26	0.65
(16,2353)	1:113:A:PHE:HD1	1:116:A:GLN:HG2	9	0.62	0.3	0.59
(16,2353)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	9	0.62	0.3	0.59
(16,2353)	1:113:A:PHE:HD2	1:116:A:GLN:HG2	9	0.62	0.3	0.59
(16,2353)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	9	0.62	0.3	0.59
(1,1256)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	9	0.62	0.38	0.54
(1,1256)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	9	0.62	0.38	0.54
(1,1256)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	9	0.62	0.38	0.54
(1,1256)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	9	0.62	0.38	0.54
(1,1256)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	9	0.62	0.38	0.54
(1,1256)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	9	0.62	0.38	0.54
(1,1256)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	9	0.62	0.38	0.54
(1,1256)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	9	0.62	0.38	0.54
(1,1256)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	9	0.62	0.38	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,1264)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	9	0.62	0.38	0.54
(5,1264)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	9	0.62	0.38	0.54
(5,1264)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	9	0.62	0.38	0.54
(5,1264)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	9	0.62	0.38	0.54
(5,1264)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	9	0.62	0.38	0.54
(5,1264)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	9	0.62	0.38	0.54
(5,1264)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	9	0.62	0.38	0.54
(5,1264)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	9	0.62	0.38	0.54
(5,1264)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	9	0.62	0.38	0.54
(7,1231)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	9	0.62	0.38	0.54
(7,1231)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	9	0.62	0.38	0.54
(7,1231)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	9	0.62	0.38	0.54
(7,1231)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	9	0.62	0.38	0.54
(7,1231)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	9	0.62	0.38	0.54
(7,1231)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	9	0.62	0.38	0.54
(7,1231)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	9	0.62	0.38	0.54
(7,1231)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	9	0.62	0.38	0.54
(7,1231)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	9	0.62	0.38	0.54
(15,1454)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	9	0.62	0.38	0.54
(15,1454)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	9	0.62	0.38	0.54
(15,1454)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	9	0.62	0.38	0.54
(15,1454)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	9	0.62	0.38	0.54
(15,1454)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	9	0.62	0.38	0.54
(15,1454)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	9	0.62	0.38	0.54
(15,1454)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	9	0.62	0.38	0.54
(15,1454)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	9	0.62	0.38	0.54
(15,1454)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	9	0.62	0.38	0.54
(2,1365)	1:118:A:ASP:HA	1:121:A:VAL:HG11	9	0.61	0.37	0.69
(2,1365)	1:118:A:ASP:HA	1:121:A:VAL:HG12	9	0.61	0.37	0.69
(2,1365)	1:118:A:ASP:HA	1:121:A:VAL:HG13	9	0.61	0.37	0.69
(1,2253)	1:79:A:THR:HG21	1:81:A:GLU:HB2	9	0.61	0.45	0.46
(1,2253)	1:79:A:THR:HG21	1:81:A:GLU:HB3	9	0.61	0.45	0.46
(1,2253)	1:79:A:THR:HG22	1:81:A:GLU:HB2	9	0.61	0.45	0.46
(1,2253)	1:79:A:THR:HG22	1:81:A:GLU:HB3	9	0.61	0.45	0.46
(1,2253)	1:79:A:THR:HG23	1:81:A:GLU:HB2	9	0.61	0.45	0.46
(1,2253)	1:79:A:THR:HG23	1:81:A:GLU:HB3	9	0.61	0.45	0.46
(32,1816)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	9	0.61	0.24	0.55
(32,1816)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	9	0.61	0.24	0.55
(32,1816)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	9	0.61	0.24	0.55
(32,1816)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	9	0.61	0.24	0.55
(32,1816)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	9	0.61	0.24	0.55
(32,1816)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	9	0.61	0.24	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,1352)	1:118:A:ASP:HA	1:121:A:VAL:HG11	9	0.6	0.37	0.68
(18,1352)	1:118:A:ASP:HA	1:121:A:VAL:HG12	9	0.6	0.37	0.68
(18,1352)	1:118:A:ASP:HA	1:121:A:VAL:HG13	9	0.6	0.37	0.68
(1,160)	1:131:A:LEU:H	1:131:A:LEU:HG	9	0.6	0.42	0.49
(3,149)	1:131:A:LEU:H	1:131:A:LEU:HG	9	0.6	0.42	0.49
(4,147)	1:131:A:LEU:H	1:131:A:LEU:HG	9	0.6	0.42	0.49
(7,150)	1:131:A:LEU:H	1:131:A:LEU:HG	9	0.6	0.42	0.49
(16,152)	1:131:A:LEU:H	1:131:A:LEU:HG	9	0.6	0.42	0.49
(32,146)	1:131:A:LEU:H	1:131:A:LEU:HG	9	0.6	0.42	0.49
(33,148)	1:131:A:LEU:H	1:131:A:LEU:HG	9	0.6	0.42	0.49
(5,913)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	9	0.6	0.39	0.45
(15,2237)	1:70:A:LYS:HG2	1:71:A:LYS:H	9	0.59	0.26	0.62
(15,2237)	1:70:A:LYS:HG3	1:71:A:LYS:H	9	0.59	0.26	0.62
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD11	9	0.59	0.34	0.56
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD12	9	0.59	0.34	0.56
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD13	9	0.59	0.34	0.56
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD21	9	0.59	0.34	0.56
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD22	9	0.59	0.34	0.56
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD23	9	0.59	0.34	0.56
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD11	9	0.59	0.34	0.56
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD12	9	0.59	0.34	0.56
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD13	9	0.59	0.34	0.56
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD21	9	0.59	0.34	0.56
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD22	9	0.59	0.34	0.56
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD23	9	0.59	0.34	0.56
(16,1503)	1:11:A:ILE:HA	1:43:A:MET:HE1	9	0.59	0.34	0.62
(16,1503)	1:11:A:ILE:HA	1:43:A:MET:HE2	9	0.59	0.34	0.62
(16,1503)	1:11:A:ILE:HA	1:43:A:MET:HE3	9	0.59	0.34	0.62
(30,2084)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	9	0.58	0.32	0.58
(30,2084)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	9	0.58	0.32	0.58
(30,2084)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	9	0.58	0.32	0.58
(30,2084)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	9	0.58	0.32	0.58
(30,2084)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	9	0.58	0.32	0.58
(30,2084)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	9	0.58	0.32	0.58
(30,2257)	1:70:A:LYS:HG2	1:71:A:LYS:H	9	0.58	0.26	0.61
(30,2257)	1:70:A:LYS:HG3	1:71:A:LYS:H	9	0.58	0.26	0.61
(16,1261)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	9	0.58	0.11	0.59
(16,1261)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	9	0.58	0.11	0.59
(16,1261)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	9	0.58	0.11	0.59
(16,1261)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	9	0.58	0.11	0.59
(16,1261)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	9	0.58	0.11	0.59
(16,1261)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	9	0.58	0.11	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1261)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	9	0.58	0.11	0.59
(16,1261)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	9	0.58	0.11	0.59
(16,1261)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	9	0.58	0.11	0.59
(7,911)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	9	0.58	0.32	0.65
(7,911)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	9	0.58	0.32	0.65
(7,911)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	9	0.58	0.32	0.65
(7,911)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	9	0.58	0.32	0.65
(9,958)	1:66:A:THR:H	1:96:A:VAL:HB	9	0.57	0.47	0.39
(5,2250)	1:70:A:LYS:HG2	1:71:A:LYS:H	9	0.57	0.26	0.6
(5,2250)	1:70:A:LYS:HG3	1:71:A:LYS:H	9	0.57	0.26	0.6
(16,1638)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	9	0.57	0.08	0.6
(16,1638)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	9	0.57	0.08	0.6
(16,1638)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	9	0.57	0.08	0.6
(16,1638)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	9	0.57	0.08	0.6
(16,1638)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	9	0.57	0.08	0.6
(16,1638)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	9	0.57	0.08	0.6
(16,1638)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	9	0.57	0.08	0.6
(16,1638)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	9	0.57	0.08	0.6
(16,1638)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	9	0.57	0.08	0.6
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD11	9	0.56	0.31	0.46
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD12	9	0.56	0.31	0.46
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD13	9	0.56	0.31	0.46
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD21	9	0.56	0.31	0.46
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD22	9	0.56	0.31	0.46
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD23	9	0.56	0.31	0.46
(1,1260)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	9	0.56	0.08	0.59
(1,1260)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	9	0.56	0.08	0.59
(1,1260)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	9	0.56	0.08	0.59
(1,1260)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	9	0.56	0.08	0.59
(1,1260)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	9	0.56	0.08	0.59
(1,1260)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	9	0.56	0.08	0.59
(1,1260)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	9	0.56	0.08	0.59
(1,1260)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	9	0.56	0.08	0.59
(1,1260)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	9	0.56	0.08	0.59
(5,1267)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	9	0.56	0.08	0.59
(5,1267)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	9	0.56	0.08	0.59
(5,1267)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	9	0.56	0.08	0.59
(5,1267)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	9	0.56	0.08	0.59
(5,1267)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	9	0.56	0.08	0.59
(5,1267)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	9	0.56	0.08	0.59
(5,1267)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	9	0.56	0.08	0.59
(5,1267)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	9	0.56	0.08	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,1267)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	9	0.56	0.08	0.59
(7,1237)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	9	0.56	0.08	0.59
(7,1237)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	9	0.56	0.08	0.59
(7,1237)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	9	0.56	0.08	0.59
(7,1237)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	9	0.56	0.08	0.59
(7,1237)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	9	0.56	0.08	0.59
(7,1237)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	9	0.56	0.08	0.59
(7,1237)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	9	0.56	0.08	0.59
(7,1237)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	9	0.56	0.08	0.59
(7,1237)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	9	0.56	0.08	0.59
(15,1257)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	9	0.56	0.08	0.59
(15,1257)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	9	0.56	0.08	0.59
(15,1257)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	9	0.56	0.08	0.59
(15,1257)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	9	0.56	0.08	0.59
(15,1257)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	9	0.56	0.08	0.59
(15,1257)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	9	0.56	0.08	0.59
(15,1257)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	9	0.56	0.08	0.59
(15,1257)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	9	0.56	0.08	0.59
(15,1257)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	9	0.56	0.08	0.59
(17,1262)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	9	0.56	0.08	0.59
(17,1262)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	9	0.56	0.08	0.59
(17,1262)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	9	0.56	0.08	0.59
(17,1262)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	9	0.56	0.08	0.59
(17,1262)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	9	0.56	0.08	0.59
(17,1262)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	9	0.56	0.08	0.59
(17,1262)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	9	0.56	0.08	0.59
(17,1262)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	9	0.56	0.08	0.59
(17,1262)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	9	0.56	0.08	0.59
(5,229)	1:10:A:ASN:H	1:14:A:VAL:HG21	9	0.55	0.32	0.69
(5,229)	1:10:A:ASN:H	1:14:A:VAL:HG22	9	0.55	0.32	0.69
(5,229)	1:10:A:ASN:H	1:14:A:VAL:HG23	9	0.55	0.32	0.69
(32,1761)	1:9:A:PHE:HD1	1:11:A:ILE:HB	9	0.55	0.35	0.5
(32,1761)	1:9:A:PHE:HD2	1:11:A:ILE:HB	9	0.55	0.35	0.5
(6,673)	1:18:A:PHE:HB3	1:132:A:ALA:H	9	0.55	0.36	0.42
(9,674)	1:18:A:PHE:HB3	1:132:A:ALA:H	9	0.55	0.36	0.42
(30,677)	1:18:A:PHE:HB3	1:132:A:ALA:H	9	0.55	0.36	0.42
(1,1219)	1:11:A:ILE:HD11	1:131:A:LEU:HA	9	0.55	0.45	0.36
(1,1219)	1:11:A:ILE:HD12	1:131:A:LEU:HA	9	0.55	0.45	0.36
(1,1219)	1:11:A:ILE:HD13	1:131:A:LEU:HA	9	0.55	0.45	0.36
(9,1355)	1:118:A:ASP:HA	1:121:A:VAL:HG11	9	0.54	0.37	0.62
(9,1355)	1:118:A:ASP:HA	1:121:A:VAL:HG12	9	0.54	0.37	0.62
(9,1355)	1:118:A:ASP:HA	1:121:A:VAL:HG13	9	0.54	0.37	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,970)	1:66:A:THR:H	1:96:A:VAL:HB	9	0.54	0.47	0.36
(34,1379)	1:118:A:ASP:HA	1:121:A:VAL:HG11	9	0.53	0.37	0.61
(34,1379)	1:118:A:ASP:HA	1:121:A:VAL:HG12	9	0.53	0.37	0.61
(34,1379)	1:118:A:ASP:HA	1:121:A:VAL:HG13	9	0.53	0.37	0.61
(29,966)	1:66:A:THR:H	1:96:A:VAL:HB	9	0.53	0.47	0.35
(17,977)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	9	0.53	0.31	0.43
(17,977)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	9	0.53	0.31	0.43
(17,977)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	9	0.53	0.31	0.43
(29,1005)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	9	0.53	0.26	0.69
(29,1005)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	9	0.53	0.26	0.69
(32,1986)	1:18:A:PHE:HB2	1:132:A:ALA:H	9	0.53	0.35	0.33
(32,1986)	1:18:A:PHE:HB3	1:132:A:ALA:H	9	0.53	0.35	0.33
(13,468)	1:14:A:VAL:H	1:61:A:SER:HA	9	0.53	0.28	0.4
(4,1826)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	9	0.52	0.24	0.46
(4,1826)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	9	0.52	0.24	0.46
(4,1826)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	9	0.52	0.24	0.46
(4,1826)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	9	0.52	0.24	0.46
(4,1826)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	9	0.52	0.24	0.46
(4,1826)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	9	0.52	0.24	0.46
(3,1598)	1:11:A:ILE:HD11	1:43:A:MET:H	9	0.52	0.33	0.31
(3,1598)	1:11:A:ILE:HD12	1:43:A:MET:H	9	0.52	0.33	0.31
(3,1598)	1:11:A:ILE:HD13	1:43:A:MET:H	9	0.52	0.33	0.31
(1,9)	1:64:A:LYS:H	1:116:A:GLN:HE22	9	0.51	0.21	0.52
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG11	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG12	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG13	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG21	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG22	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG23	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG11	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG12	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG13	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG21	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG22	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG23	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG11	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG12	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG13	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG21	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG22	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG23	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG11	9	0.51	0.33	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG12	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG13	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG21	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG22	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG23	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG11	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG12	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG13	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG21	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG22	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG23	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG11	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG12	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG13	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG21	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG22	9	0.51	0.33	0.43
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG23	9	0.51	0.33	0.43
(3,9)	1:64:A:LYS:H	1:116:A:GLN:HE22	9	0.51	0.21	0.52
(5,7)	1:64:A:LYS:H	1:116:A:GLN:HE22	9	0.51	0.21	0.52
(16,8)	1:64:A:LYS:H	1:116:A:GLN:HE22	9	0.51	0.21	0.52
(17,7)	1:64:A:LYS:H	1:116:A:GLN:HE22	9	0.51	0.21	0.52
(18,7)	1:64:A:LYS:H	1:116:A:GLN:HE22	9	0.51	0.21	0.52
(29,8)	1:64:A:LYS:H	1:116:A:GLN:HE22	9	0.51	0.21	0.52
(1,803)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	9	0.51	0.49	0.33
(1,803)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	9	0.51	0.49	0.33
(1,803)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	9	0.51	0.49	0.33
(1,803)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	9	0.51	0.49	0.33
(1,803)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	9	0.51	0.49	0.33
(1,803)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	9	0.51	0.49	0.33
(30,783)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	9	0.51	0.49	0.33
(30,783)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	9	0.51	0.49	0.33
(30,783)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	9	0.51	0.49	0.33
(30,783)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	9	0.51	0.49	0.33
(30,783)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	9	0.51	0.49	0.33
(30,783)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	9	0.51	0.49	0.33
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	9	0.51	0.22	0.48
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	9	0.51	0.22	0.48
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	9	0.51	0.22	0.48
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	9	0.51	0.22	0.48
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	9	0.51	0.22	0.48
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	9	0.51	0.22	0.48
(33,874)	1:56:A:CYS:H	1:122:A:ASP:HB2	9	0.51	0.26	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD11	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD12	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD13	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD11	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD12	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD13	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD11	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD12	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD13	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD11	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD12	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD13	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD11	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD12	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD13	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD11	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD12	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD13	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD21	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD22	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD23	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD21	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD22	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD23	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD21	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD22	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD23	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD21	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD22	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD23	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD21	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD22	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD23	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD21	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD22	9	0.51	0.32	0.47
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD23	9	0.51	0.32	0.47
(33,1846)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	9	0.51	0.24	0.45
(33,1846)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	9	0.51	0.24	0.45
(33,1846)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	9	0.51	0.24	0.45
(33,1846)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	9	0.51	0.24	0.45
(33,1846)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	9	0.51	0.24	0.45
(33,1846)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	9	0.51	0.24	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD11	9	0.51	0.35	0.31
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD12	9	0.51	0.35	0.31
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD13	9	0.51	0.35	0.31
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD21	9	0.51	0.35	0.31
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD22	9	0.51	0.35	0.31
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD23	9	0.51	0.35	0.31
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD11	9	0.51	0.35	0.31
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD12	9	0.51	0.35	0.31
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD13	9	0.51	0.35	0.31
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD21	9	0.51	0.35	0.31
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD22	9	0.51	0.35	0.31
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD23	9	0.51	0.35	0.31
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD11	9	0.51	0.35	0.31
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD12	9	0.51	0.35	0.31
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD13	9	0.51	0.35	0.31
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD21	9	0.51	0.35	0.31
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD22	9	0.51	0.35	0.31
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD23	9	0.51	0.35	0.31
(16,846)	1:45:A:ALA:HA	1:48:A:ARG:HD2	9	0.51	0.21	0.39
(16,846)	1:45:A:ALA:HA	1:48:A:ARG:HD3	9	0.51	0.21	0.39
(29,1990)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	9	0.51	0.2	0.54
(29,1990)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	9	0.51	0.2	0.54
(29,1990)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	9	0.51	0.2	0.54
(29,1990)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	9	0.51	0.2	0.54
(29,1990)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	9	0.51	0.2	0.54
(29,1990)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	9	0.51	0.2	0.54
(29,1990)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	9	0.51	0.2	0.54
(29,1990)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	9	0.51	0.2	0.54
(29,1990)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	9	0.51	0.2	0.54
(29,1990)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	9	0.51	0.2	0.54
(29,1990)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	9	0.51	0.2	0.54
(29,1990)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	9	0.51	0.2	0.54
(29,1990)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	9	0.51	0.2	0.54
(29,1990)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	9	0.51	0.2	0.54
(29,1990)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	9	0.51	0.2	0.54
(29,1990)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	9	0.51	0.2	0.54
(29,1990)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	9	0.51	0.2	0.54
(29,1990)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	9	0.51	0.2	0.54
(2,2440)	1:137:A:SER:HB2	1:140:A:LEU:HB2	9	0.5	0.22	0.49
(2,2440)	1:137:A:SER:HB3	1:140:A:LEU:HB2	9	0.5	0.22	0.49
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD11	9	0.5	0.04	0.52
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD12	9	0.5	0.04	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD13	9	0.5	0.04	0.52
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD21	9	0.5	0.04	0.52
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD22	9	0.5	0.04	0.52
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD23	9	0.5	0.04	0.52
(11,1997)	1:12:A:VAL:HG11	1:43:A:MET:HE1	9	0.5	0.4	0.38
(11,1997)	1:12:A:VAL:HG11	1:43:A:MET:HE2	9	0.5	0.4	0.38
(11,1997)	1:12:A:VAL:HG11	1:43:A:MET:HE3	9	0.5	0.4	0.38
(11,1997)	1:12:A:VAL:HG12	1:43:A:MET:HE1	9	0.5	0.4	0.38
(11,1997)	1:12:A:VAL:HG12	1:43:A:MET:HE2	9	0.5	0.4	0.38
(11,1997)	1:12:A:VAL:HG12	1:43:A:MET:HE3	9	0.5	0.4	0.38
(11,1997)	1:12:A:VAL:HG13	1:43:A:MET:HE1	9	0.5	0.4	0.38
(11,1997)	1:12:A:VAL:HG13	1:43:A:MET:HE2	9	0.5	0.4	0.38
(11,1997)	1:12:A:VAL:HG13	1:43:A:MET:HE3	9	0.5	0.4	0.38
(11,1997)	1:12:A:VAL:HG21	1:43:A:MET:HE1	9	0.5	0.4	0.38
(11,1997)	1:12:A:VAL:HG21	1:43:A:MET:HE2	9	0.5	0.4	0.38
(11,1997)	1:12:A:VAL:HG21	1:43:A:MET:HE3	9	0.5	0.4	0.38
(11,1997)	1:12:A:VAL:HG22	1:43:A:MET:HE1	9	0.5	0.4	0.38
(11,1997)	1:12:A:VAL:HG22	1:43:A:MET:HE2	9	0.5	0.4	0.38
(11,1997)	1:12:A:VAL:HG22	1:43:A:MET:HE3	9	0.5	0.4	0.38
(11,1997)	1:12:A:VAL:HG23	1:43:A:MET:HE1	9	0.5	0.4	0.38
(11,1997)	1:12:A:VAL:HG23	1:43:A:MET:HE2	9	0.5	0.4	0.38
(11,1997)	1:12:A:VAL:HG23	1:43:A:MET:HE3	9	0.5	0.4	0.38
(32,1525)	1:11:A:ILE:HD11	1:43:A:MET:H	9	0.5	0.33	0.29
(32,1525)	1:11:A:ILE:HD12	1:43:A:MET:H	9	0.5	0.33	0.29
(32,1525)	1:11:A:ILE:HD13	1:43:A:MET:H	9	0.5	0.33	0.29
(2,1535)	1:76:A:ARG:HG2	1:110:A:MET:HE1	9	0.49	0.21	0.53
(2,1535)	1:76:A:ARG:HG2	1:110:A:MET:HE2	9	0.49	0.21	0.53
(2,1535)	1:76:A:ARG:HG2	1:110:A:MET:HE3	9	0.49	0.21	0.53
(2,1535)	1:76:A:ARG:HG3	1:110:A:MET:HE1	9	0.49	0.21	0.53
(2,1535)	1:76:A:ARG:HG3	1:110:A:MET:HE2	9	0.49	0.21	0.53
(2,1535)	1:76:A:ARG:HG3	1:110:A:MET:HE3	9	0.49	0.21	0.53
(5,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE1	9	0.49	0.21	0.53
(5,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE2	9	0.49	0.21	0.53
(5,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE3	9	0.49	0.21	0.53
(5,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE1	9	0.49	0.21	0.53
(5,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE2	9	0.49	0.21	0.53
(5,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE3	9	0.49	0.21	0.53
(6,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE1	9	0.49	0.21	0.53
(6,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE2	9	0.49	0.21	0.53
(6,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE3	9	0.49	0.21	0.53
(6,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE1	9	0.49	0.21	0.53
(6,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE2	9	0.49	0.21	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE3	9	0.49	0.21	0.53
(11,1555)	1:76:A:ARG:HG2	1:110:A:MET:HE1	9	0.49	0.21	0.53
(11,1555)	1:76:A:ARG:HG2	1:110:A:MET:HE2	9	0.49	0.21	0.53
(11,1555)	1:76:A:ARG:HG2	1:110:A:MET:HE3	9	0.49	0.21	0.53
(11,1555)	1:76:A:ARG:HG3	1:110:A:MET:HE1	9	0.49	0.21	0.53
(11,1555)	1:76:A:ARG:HG3	1:110:A:MET:HE2	9	0.49	0.21	0.53
(11,1555)	1:76:A:ARG:HG3	1:110:A:MET:HE3	9	0.49	0.21	0.53
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD11	9	0.49	0.14	0.43
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD12	9	0.49	0.14	0.43
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD13	9	0.49	0.14	0.43
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD21	9	0.49	0.14	0.43
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD22	9	0.49	0.14	0.43
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD23	9	0.49	0.14	0.43
(9,2185)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	9	0.48	0.21	0.49
(9,2185)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	9	0.48	0.21	0.49
(9,2185)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	9	0.48	0.21	0.49
(9,2185)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	9	0.48	0.21	0.49
(4,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	9	0.48	0.18	0.52
(4,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	9	0.48	0.18	0.52
(4,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	9	0.48	0.18	0.52
(4,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	9	0.48	0.18	0.52
(4,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	9	0.48	0.18	0.52
(4,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	9	0.48	0.18	0.52
(15,1994)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	9	0.48	0.18	0.52
(15,1994)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	9	0.48	0.18	0.52
(15,1994)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	9	0.48	0.18	0.52
(15,1994)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	9	0.48	0.18	0.52
(15,1994)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	9	0.48	0.18	0.52
(15,1994)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	9	0.48	0.18	0.52
(32,1987)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	9	0.48	0.18	0.52
(32,1987)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	9	0.48	0.18	0.52
(32,1987)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	9	0.48	0.18	0.52
(32,1987)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	9	0.48	0.18	0.52
(32,1987)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	9	0.48	0.18	0.52
(32,1987)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	9	0.48	0.18	0.52
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD11	9	0.48	0.31	0.38
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD12	9	0.48	0.31	0.38
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD13	9	0.48	0.31	0.38
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD21	9	0.48	0.31	0.38
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD22	9	0.48	0.31	0.38
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD23	9	0.48	0.31	0.38
(1,1580)	1:11:A:ILE:HD11	1:14:A:VAL:H	9	0.48	0.21	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1580)	1:11:A:ILE:HD12	1:14:A:VAL:H	9	0.48	0.21	0.4
(1,1580)	1:11:A:ILE:HD13	1:14:A:VAL:H	9	0.48	0.21	0.4
(5,1583)	1:11:A:ILE:HD11	1:14:A:VAL:H	9	0.48	0.21	0.4
(5,1583)	1:11:A:ILE:HD12	1:14:A:VAL:H	9	0.48	0.21	0.4
(5,1583)	1:11:A:ILE:HD13	1:14:A:VAL:H	9	0.48	0.21	0.4
(7,1542)	1:11:A:ILE:HD11	1:14:A:VAL:H	9	0.48	0.21	0.4
(7,1542)	1:11:A:ILE:HD12	1:14:A:VAL:H	9	0.48	0.21	0.4
(7,1542)	1:11:A:ILE:HD13	1:14:A:VAL:H	9	0.48	0.21	0.4
(11,1595)	1:11:A:ILE:HD11	1:14:A:VAL:H	9	0.48	0.21	0.4
(11,1595)	1:11:A:ILE:HD12	1:14:A:VAL:H	9	0.48	0.21	0.4
(11,1595)	1:11:A:ILE:HD13	1:14:A:VAL:H	9	0.48	0.21	0.4
(15,1560)	1:11:A:ILE:HD11	1:14:A:VAL:H	9	0.48	0.21	0.4
(15,1560)	1:11:A:ILE:HD12	1:14:A:VAL:H	9	0.48	0.21	0.4
(15,1560)	1:11:A:ILE:HD13	1:14:A:VAL:H	9	0.48	0.21	0.4
(34,1976)	1:12:A:VAL:HG11	1:43:A:MET:HE1	9	0.48	0.4	0.36
(34,1976)	1:12:A:VAL:HG11	1:43:A:MET:HE2	9	0.48	0.4	0.36
(34,1976)	1:12:A:VAL:HG11	1:43:A:MET:HE3	9	0.48	0.4	0.36
(34,1976)	1:12:A:VAL:HG12	1:43:A:MET:HE1	9	0.48	0.4	0.36
(34,1976)	1:12:A:VAL:HG12	1:43:A:MET:HE2	9	0.48	0.4	0.36
(34,1976)	1:12:A:VAL:HG12	1:43:A:MET:HE3	9	0.48	0.4	0.36
(34,1976)	1:12:A:VAL:HG13	1:43:A:MET:HE1	9	0.48	0.4	0.36
(34,1976)	1:12:A:VAL:HG13	1:43:A:MET:HE2	9	0.48	0.4	0.36
(34,1976)	1:12:A:VAL:HG13	1:43:A:MET:HE3	9	0.48	0.4	0.36
(34,1976)	1:12:A:VAL:HG21	1:43:A:MET:HE1	9	0.48	0.4	0.36
(34,1976)	1:12:A:VAL:HG21	1:43:A:MET:HE2	9	0.48	0.4	0.36
(34,1976)	1:12:A:VAL:HG21	1:43:A:MET:HE3	9	0.48	0.4	0.36
(34,1976)	1:12:A:VAL:HG22	1:43:A:MET:HE1	9	0.48	0.4	0.36
(34,1976)	1:12:A:VAL:HG22	1:43:A:MET:HE2	9	0.48	0.4	0.36
(34,1976)	1:12:A:VAL:HG22	1:43:A:MET:HE3	9	0.48	0.4	0.36
(34,1976)	1:12:A:VAL:HG23	1:43:A:MET:HE1	9	0.48	0.4	0.36
(34,1976)	1:12:A:VAL:HG23	1:43:A:MET:HE2	9	0.48	0.4	0.36
(34,1976)	1:12:A:VAL:HG23	1:43:A:MET:HE3	9	0.48	0.4	0.36
(1,2125)	1:40:A:LEU:HD11	1:44:A:GLU:H	9	0.48	0.31	0.38
(1,2125)	1:40:A:LEU:HD12	1:44:A:GLU:H	9	0.48	0.31	0.38
(1,2125)	1:40:A:LEU:HD13	1:44:A:GLU:H	9	0.48	0.31	0.38
(1,2125)	1:40:A:LEU:HD21	1:44:A:GLU:H	9	0.48	0.31	0.38
(1,2125)	1:40:A:LEU:HD22	1:44:A:GLU:H	9	0.48	0.31	0.38
(1,2125)	1:40:A:LEU:HD23	1:44:A:GLU:H	9	0.48	0.31	0.38
(3,1092)	1:44:A:GLU:HA	1:48:A:ARG:HB2	9	0.48	0.28	0.34
(3,1092)	1:44:A:GLU:HA	1:48:A:ARG:HB3	9	0.48	0.28	0.34
(4,2125)	1:40:A:LEU:HD11	1:44:A:GLU:H	9	0.48	0.31	0.38
(4,2125)	1:40:A:LEU:HD12	1:44:A:GLU:H	9	0.48	0.31	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,2125)	1:40:A:LEU:HD13	1:44:A:GLU:H	9	0.48	0.31	0.38
(4,2125)	1:40:A:LEU:HD21	1:44:A:GLU:H	9	0.48	0.31	0.38
(4,2125)	1:40:A:LEU:HD22	1:44:A:GLU:H	9	0.48	0.31	0.38
(4,2125)	1:40:A:LEU:HD23	1:44:A:GLU:H	9	0.48	0.31	0.38
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD11	9	0.47	0.04	0.49
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD12	9	0.47	0.04	0.49
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD13	9	0.47	0.04	0.49
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD21	9	0.47	0.04	0.49
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD22	9	0.47	0.04	0.49
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD23	9	0.47	0.04	0.49
(11,2146)	1:40:A:LEU:HD11	1:44:A:GLU:H	9	0.47	0.31	0.37
(11,2146)	1:40:A:LEU:HD12	1:44:A:GLU:H	9	0.47	0.31	0.37
(11,2146)	1:40:A:LEU:HD13	1:44:A:GLU:H	9	0.47	0.31	0.37
(11,2146)	1:40:A:LEU:HD21	1:44:A:GLU:H	9	0.47	0.31	0.37
(11,2146)	1:40:A:LEU:HD22	1:44:A:GLU:H	9	0.47	0.31	0.37
(11,2146)	1:40:A:LEU:HD23	1:44:A:GLU:H	9	0.47	0.31	0.37
(33,2136)	1:40:A:LEU:HD11	1:44:A:GLU:H	9	0.47	0.31	0.37
(33,2136)	1:40:A:LEU:HD12	1:44:A:GLU:H	9	0.47	0.31	0.37
(33,2136)	1:40:A:LEU:HD13	1:44:A:GLU:H	9	0.47	0.31	0.37
(33,2136)	1:40:A:LEU:HD21	1:44:A:GLU:H	9	0.47	0.31	0.37
(33,2136)	1:40:A:LEU:HD22	1:44:A:GLU:H	9	0.47	0.31	0.37
(33,2136)	1:40:A:LEU:HD23	1:44:A:GLU:H	9	0.47	0.31	0.37
(9,653)	1:101:A:ILE:HB	1:103:A:ARG:H	9	0.46	0.11	0.49
(11,657)	1:101:A:ILE:HB	1:103:A:ARG:H	9	0.46	0.11	0.49
(13,647)	1:101:A:ILE:HB	1:103:A:ARG:H	9	0.46	0.11	0.49
(16,664)	1:101:A:ILE:HB	1:103:A:ARG:H	9	0.46	0.11	0.49
(34,666)	1:101:A:ILE:HB	1:103:A:ARG:H	9	0.46	0.11	0.49
(1,176)	1:95:A:ILE:H	1:95:A:ILE:HB	9	0.46	0.35	0.23
(6,1704)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	9	0.46	0.46	0.21
(6,1704)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	9	0.46	0.46	0.21
(11,1739)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	9	0.46	0.46	0.21
(11,1739)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	9	0.46	0.46	0.21
(13,1674)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	9	0.46	0.46	0.21
(13,1674)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	9	0.46	0.46	0.21
(13,1400)	1:69:A:MET:HE1	1:73:A:ILE:HG21	9	0.45	0.3	0.31
(13,1400)	1:69:A:MET:HE1	1:73:A:ILE:HG22	9	0.45	0.3	0.31
(13,1400)	1:69:A:MET:HE1	1:73:A:ILE:HG23	9	0.45	0.3	0.31
(13,1400)	1:69:A:MET:HE2	1:73:A:ILE:HG21	9	0.45	0.3	0.31
(13,1400)	1:69:A:MET:HE2	1:73:A:ILE:HG22	9	0.45	0.3	0.31
(13,1400)	1:69:A:MET:HE2	1:73:A:ILE:HG23	9	0.45	0.3	0.31
(13,1400)	1:69:A:MET:HE3	1:73:A:ILE:HG21	9	0.45	0.3	0.31
(13,1400)	1:69:A:MET:HE3	1:73:A:ILE:HG22	9	0.45	0.3	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1400)	1:69:A:MET:HE3	1:73:A:ILE:HG23	9	0.45	0.3	0.31
(15,1424)	1:69:A:MET:HE1	1:73:A:ILE:HG21	9	0.45	0.3	0.31
(15,1424)	1:69:A:MET:HE1	1:73:A:ILE:HG22	9	0.45	0.3	0.31
(15,1424)	1:69:A:MET:HE1	1:73:A:ILE:HG23	9	0.45	0.3	0.31
(15,1424)	1:69:A:MET:HE2	1:73:A:ILE:HG21	9	0.45	0.3	0.31
(15,1424)	1:69:A:MET:HE2	1:73:A:ILE:HG22	9	0.45	0.3	0.31
(15,1424)	1:69:A:MET:HE2	1:73:A:ILE:HG23	9	0.45	0.3	0.31
(15,1424)	1:69:A:MET:HE3	1:73:A:ILE:HG21	9	0.45	0.3	0.31
(15,1424)	1:69:A:MET:HE3	1:73:A:ILE:HG22	9	0.45	0.3	0.31
(15,1424)	1:69:A:MET:HE3	1:73:A:ILE:HG23	9	0.45	0.3	0.31
(2,1255)	1:23:A:LEU:HA	1:23:A:LEU:HD11	9	0.44	0.11	0.46
(2,1255)	1:23:A:LEU:HA	1:23:A:LEU:HD12	9	0.44	0.11	0.46
(2,1255)	1:23:A:LEU:HA	1:23:A:LEU:HD13	9	0.44	0.11	0.46
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD11	9	0.44	0.27	0.36
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD12	9	0.44	0.27	0.36
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD13	9	0.44	0.27	0.36
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD21	9	0.44	0.27	0.36
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD22	9	0.44	0.27	0.36
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD23	9	0.44	0.27	0.36
(7,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	9	0.44	0.18	0.48
(7,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	9	0.44	0.18	0.48
(7,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	9	0.44	0.18	0.48
(1,2402)	1:134:A:VAL:HG11	1:137:A:SER:H	9	0.44	0.29	0.39
(1,2402)	1:134:A:VAL:HG12	1:137:A:SER:H	9	0.44	0.29	0.39
(1,2402)	1:134:A:VAL:HG13	1:137:A:SER:H	9	0.44	0.29	0.39
(1,2402)	1:134:A:VAL:HG21	1:137:A:SER:H	9	0.44	0.29	0.39
(1,2402)	1:134:A:VAL:HG22	1:137:A:SER:H	9	0.44	0.29	0.39
(1,2402)	1:134:A:VAL:HG23	1:137:A:SER:H	9	0.44	0.29	0.39
(18,2415)	1:134:A:VAL:HG11	1:137:A:SER:H	9	0.44	0.29	0.39
(18,2415)	1:134:A:VAL:HG12	1:137:A:SER:H	9	0.44	0.29	0.39
(18,2415)	1:134:A:VAL:HG13	1:137:A:SER:H	9	0.44	0.29	0.39
(18,2415)	1:134:A:VAL:HG21	1:137:A:SER:H	9	0.44	0.29	0.39
(18,2415)	1:134:A:VAL:HG22	1:137:A:SER:H	9	0.44	0.29	0.39
(18,2415)	1:134:A:VAL:HG23	1:137:A:SER:H	9	0.44	0.29	0.39
(1,964)	1:67:A:PRO:HA	1:70:A:LYS:HB2	9	0.44	0.22	0.43
(1,964)	1:67:A:PRO:HA	1:70:A:LYS:HB3	9	0.44	0.22	0.43
(3,960)	1:67:A:PRO:HA	1:70:A:LYS:HB2	9	0.44	0.22	0.43
(3,960)	1:67:A:PRO:HA	1:70:A:LYS:HB3	9	0.44	0.22	0.43
(11,949)	1:67:A:PRO:HA	1:70:A:LYS:HB2	9	0.44	0.22	0.43
(11,949)	1:67:A:PRO:HA	1:70:A:LYS:HB3	9	0.44	0.22	0.43
(13,925)	1:67:A:PRO:HA	1:70:A:LYS:HB2	9	0.44	0.22	0.43
(13,925)	1:67:A:PRO:HA	1:70:A:LYS:HB3	9	0.44	0.22	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,955)	1:67:A:PRO:HA	1:70:A:LYS:HB2	9	0.44	0.22	0.43
(18,955)	1:67:A:PRO:HA	1:70:A:LYS:HB3	9	0.44	0.22	0.43
(29,953)	1:67:A:PRO:HA	1:70:A:LYS:HB2	9	0.44	0.22	0.43
(29,953)	1:67:A:PRO:HA	1:70:A:LYS:HB3	9	0.44	0.22	0.43
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD11	9	0.44	0.04	0.46
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD12	9	0.44	0.04	0.46
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD13	9	0.44	0.04	0.46
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD21	9	0.44	0.04	0.46
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD22	9	0.44	0.04	0.46
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD23	9	0.44	0.04	0.46
(15,223)	1:44:A:GLU:HB2	1:48:A:ARG:H	9	0.44	0.23	0.35
(15,223)	1:44:A:GLU:HB3	1:48:A:ARG:H	9	0.44	0.23	0.35
(16,222)	1:44:A:GLU:HB2	1:48:A:ARG:H	9	0.44	0.23	0.35
(16,222)	1:44:A:GLU:HB3	1:48:A:ARG:H	9	0.44	0.23	0.35
(29,1219)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	9	0.44	0.23	0.5
(29,1219)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	9	0.44	0.23	0.5
(29,1219)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	9	0.44	0.23	0.5
(2,119)	1:79:A:THR:HA	1:80:A:TYR:H	9	0.43	0.02	0.43
(5,116)	1:79:A:THR:HA	1:80:A:TYR:H	9	0.43	0.02	0.43
(6,120)	1:79:A:THR:HA	1:80:A:TYR:H	9	0.43	0.02	0.43
(7,120)	1:79:A:THR:HA	1:80:A:TYR:H	9	0.43	0.02	0.43
(13,119)	1:79:A:THR:HA	1:80:A:TYR:H	9	0.43	0.02	0.43
(15,127)	1:79:A:THR:HA	1:80:A:TYR:H	9	0.43	0.02	0.43
(30,122)	1:79:A:THR:HA	1:80:A:TYR:H	9	0.43	0.02	0.43
(32,118)	1:79:A:THR:HA	1:80:A:TYR:H	9	0.43	0.02	0.43
(33,119)	1:79:A:THR:HA	1:80:A:TYR:H	9	0.43	0.02	0.43
(3,2230)	1:60:A:LEU:HD11	1:120:A:CYS:HA	9	0.43	0.15	0.5
(3,2230)	1:60:A:LEU:HD12	1:120:A:CYS:HA	9	0.43	0.15	0.5
(3,2230)	1:60:A:LEU:HD13	1:120:A:CYS:HA	9	0.43	0.15	0.5
(3,2230)	1:60:A:LEU:HD21	1:120:A:CYS:HA	9	0.43	0.15	0.5
(3,2230)	1:60:A:LEU:HD22	1:120:A:CYS:HA	9	0.43	0.15	0.5
(3,2230)	1:60:A:LEU:HD23	1:120:A:CYS:HA	9	0.43	0.15	0.5
(5,1786)	1:141:A:LYS:HA	1:148:A:CYS:H	9	0.42	0.21	0.51
(33,1267)	1:23:A:LEU:HA	1:23:A:LEU:HD11	9	0.42	0.11	0.44
(33,1267)	1:23:A:LEU:HA	1:23:A:LEU:HD12	9	0.42	0.11	0.44
(33,1267)	1:23:A:LEU:HA	1:23:A:LEU:HD13	9	0.42	0.11	0.44
(1,1864)	1:80:A:TYR:HE1	1:81:A:GLU:HB2	9	0.42	0.25	0.33
(1,1864)	1:80:A:TYR:HE2	1:81:A:GLU:HB2	9	0.42	0.25	0.33
(5,1611)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	9	0.42	0.45	0.26
(5,1611)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	9	0.42	0.45	0.26
(5,1611)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	9	0.42	0.45	0.26
(30,1601)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	9	0.42	0.45	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,1601)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	9	0.42	0.45	0.26
(30,1601)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	9	0.42	0.45	0.26
(33,1588)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	9	0.42	0.45	0.26
(33,1588)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	9	0.42	0.45	0.26
(33,1588)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	9	0.42	0.45	0.26
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD11	9	0.41	0.31	0.31
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD12	9	0.41	0.31	0.31
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD13	9	0.41	0.31	0.31
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD21	9	0.41	0.31	0.31
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD22	9	0.41	0.31	0.31
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD23	9	0.41	0.31	0.31
(1,1915)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	9	0.41	0.43	0.21
(1,1915)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	9	0.41	0.43	0.21
(1,1915)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	9	0.41	0.43	0.21
(1,1915)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	9	0.41	0.43	0.21
(1,1915)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	9	0.41	0.43	0.21
(1,1915)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	9	0.41	0.43	0.21
(34,1904)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	9	0.41	0.43	0.21
(34,1904)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	9	0.41	0.43	0.21
(34,1904)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	9	0.41	0.43	0.21
(34,1904)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	9	0.41	0.43	0.21
(34,1904)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	9	0.41	0.43	0.21
(34,1904)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	9	0.41	0.43	0.21
(4,31)	1:96:A:VAL:H	1:97:A:ASP:H	9	0.41	0.14	0.43
(9,30)	1:96:A:VAL:H	1:97:A:ASP:H	9	0.41	0.14	0.43
(29,32)	1:96:A:VAL:H	1:97:A:ASP:H	9	0.41	0.14	0.43
(11,1896)	1:72:A:PHE:HD1	1:109:A:PRO:HD2	9	0.41	0.25	0.38
(11,1896)	1:72:A:PHE:HD2	1:109:A:PRO:HD2	9	0.41	0.25	0.38
(3,1032)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	9	0.4	0.29	0.32
(13,2422)	1:136:A:CYS:HB2	1:149:A:ALA:H	9	0.4	0.21	0.32
(13,2422)	1:136:A:CYS:HB3	1:149:A:ALA:H	9	0.4	0.21	0.32
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	9	0.39	0.08	0.35
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	9	0.39	0.08	0.35
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	9	0.39	0.08	0.35
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	9	0.39	0.08	0.35
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	9	0.39	0.08	0.35
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	9	0.39	0.08	0.35
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	9	0.39	0.08	0.35
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	9	0.39	0.08	0.35
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	9	0.39	0.08	0.35
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	9	0.39	0.08	0.35
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	9	0.39	0.08	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	9	0.39	0.08	0.35
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	9	0.39	0.08	0.35
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	9	0.39	0.08	0.35
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	9	0.39	0.08	0.35
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	9	0.39	0.08	0.35
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	9	0.39	0.08	0.35
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	9	0.39	0.08	0.35
(9,2093)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	9	0.38	0.2	0.3
(9,2093)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	9	0.38	0.2	0.3
(9,2093)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	9	0.38	0.2	0.3
(9,2093)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	9	0.38	0.2	0.3
(9,2093)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	9	0.38	0.2	0.3
(9,2093)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	9	0.38	0.2	0.3
(9,2093)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	9	0.38	0.2	0.3
(9,2093)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	9	0.38	0.2	0.3
(9,2093)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	9	0.38	0.2	0.3
(9,2093)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	9	0.38	0.2	0.3
(9,2093)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	9	0.38	0.2	0.3
(9,2093)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	9	0.38	0.2	0.3
(13,2198)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	9	0.38	0.21	0.39
(13,2198)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	9	0.38	0.21	0.39
(13,2198)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	9	0.38	0.21	0.39
(13,2198)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	9	0.38	0.21	0.39
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD11	9	0.38	0.19	0.29
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD12	9	0.38	0.19	0.29
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD13	9	0.38	0.19	0.29
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD21	9	0.38	0.19	0.29
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD22	9	0.38	0.19	0.29
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD23	9	0.38	0.19	0.29
(7,89)	1:96:A:VAL:H	1:97:A:ASP:H	9	0.38	0.14	0.4
(30,92)	1:96:A:VAL:H	1:97:A:ASP:H	9	0.38	0.14	0.4
(32,1757)	1:71:A:LYS:HE2	1:72:A:PHE:HD1	9	0.38	0.22	0.42
(32,1757)	1:71:A:LYS:HE2	1:72:A:PHE:HD2	9	0.38	0.22	0.42
(32,1757)	1:71:A:LYS:HE3	1:72:A:PHE:HD1	9	0.38	0.22	0.42
(32,1757)	1:71:A:LYS:HE3	1:72:A:PHE:HD2	9	0.38	0.22	0.42
(1,1514)	1:43:A:MET:HA	1:43:A:MET:HE1	9	0.37	0.27	0.32
(1,1514)	1:43:A:MET:HA	1:43:A:MET:HE2	9	0.37	0.27	0.32
(1,1514)	1:43:A:MET:HA	1:43:A:MET:HE3	9	0.37	0.27	0.32
(18,1495)	1:43:A:MET:HA	1:43:A:MET:HE1	9	0.37	0.27	0.32
(18,1495)	1:43:A:MET:HA	1:43:A:MET:HE2	9	0.37	0.27	0.32
(18,1495)	1:43:A:MET:HA	1:43:A:MET:HE3	9	0.37	0.27	0.32
(15,1812)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	9	0.37	0.35	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD11	9	0.36	0.14	0.3
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD12	9	0.36	0.14	0.3
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD13	9	0.36	0.14	0.3
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD21	9	0.36	0.14	0.3
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD22	9	0.36	0.14	0.3
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD23	9	0.36	0.14	0.3
(1,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	9	0.36	0.17	0.3
(1,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	9	0.36	0.17	0.3
(1,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	9	0.36	0.17	0.3
(1,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	9	0.36	0.17	0.3
(1,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	9	0.36	0.17	0.3
(1,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	9	0.36	0.17	0.3
(3,1932)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	9	0.36	0.17	0.3
(3,1932)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	9	0.36	0.17	0.3
(3,1932)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	9	0.36	0.17	0.3
(3,1932)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	9	0.36	0.17	0.3
(3,1932)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	9	0.36	0.17	0.3
(3,1932)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	9	0.36	0.17	0.3
(5,1927)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	9	0.36	0.17	0.3
(5,1927)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	9	0.36	0.17	0.3
(5,1927)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	9	0.36	0.17	0.3
(5,1927)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	9	0.36	0.17	0.3
(5,1927)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	9	0.36	0.17	0.3
(5,1927)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	9	0.36	0.17	0.3
(9,1903)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	9	0.36	0.17	0.3
(9,1903)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	9	0.36	0.17	0.3
(9,1903)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	9	0.36	0.17	0.3
(9,1903)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	9	0.36	0.17	0.3
(9,1903)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	9	0.36	0.17	0.3
(9,1903)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	9	0.36	0.17	0.3
(15,1882)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	9	0.36	0.17	0.3
(15,1882)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	9	0.36	0.17	0.3
(15,1882)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	9	0.36	0.17	0.3
(15,1882)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	9	0.36	0.17	0.3
(15,1882)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	9	0.36	0.17	0.3
(15,1882)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	9	0.36	0.17	0.3
(17,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	9	0.36	0.17	0.3
(17,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	9	0.36	0.17	0.3
(17,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	9	0.36	0.17	0.3
(17,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	9	0.36	0.17	0.3
(17,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	9	0.36	0.17	0.3
(17,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	9	0.36	0.17	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,1925)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	9	0.36	0.17	0.3
(29,1925)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	9	0.36	0.17	0.3
(29,1925)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	9	0.36	0.17	0.3
(29,1925)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	9	0.36	0.17	0.3
(29,1925)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	9	0.36	0.17	0.3
(29,1925)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	9	0.36	0.17	0.3
(9,1452)	1:13:A:ALA:HB1	1:79:A:THR:HB	9	0.36	0.17	0.4
(9,1452)	1:13:A:ALA:HB2	1:79:A:THR:HB	9	0.36	0.17	0.4
(9,1452)	1:13:A:ALA:HB3	1:79:A:THR:HB	9	0.36	0.17	0.4
(2,2276)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	9	0.36	0.13	0.36
(2,2276)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	9	0.36	0.13	0.36
(2,2276)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	9	0.36	0.13	0.36
(2,2276)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	9	0.36	0.13	0.36
(4,2244)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	9	0.36	0.13	0.36
(4,2244)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	9	0.36	0.13	0.36
(4,2244)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	9	0.36	0.13	0.36
(4,2244)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	9	0.36	0.13	0.36
(5,2251)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	9	0.36	0.13	0.36
(5,2251)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	9	0.36	0.13	0.36
(5,2251)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	9	0.36	0.13	0.36
(5,2251)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	9	0.36	0.13	0.36
(11,55)	1:98:A:ILE:H	1:101:A:ILE:HG21	9	0.36	0.3	0.26
(11,55)	1:98:A:ILE:H	1:101:A:ILE:HG22	9	0.36	0.3	0.26
(11,55)	1:98:A:ILE:H	1:101:A:ILE:HG23	9	0.36	0.3	0.26
(15,2238)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	9	0.36	0.13	0.36
(15,2238)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	9	0.36	0.13	0.36
(15,2238)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	9	0.36	0.13	0.36
(15,2238)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	9	0.36	0.13	0.36
(33,2264)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	9	0.36	0.13	0.36
(33,2264)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	9	0.36	0.13	0.36
(33,2264)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	9	0.36	0.13	0.36
(33,2264)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	9	0.36	0.13	0.36
(16,1920)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	9	0.35	0.2	0.3
(16,1920)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	9	0.35	0.2	0.3
(1,2426)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(1,2426)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(1,2426)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(1,2426)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(1,2426)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(1,2426)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(4,2455)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(4,2455)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	9	0.35	0.12	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,2455)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(4,2455)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(4,2455)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(4,2455)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(6,2455)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(6,2455)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(6,2455)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(6,2455)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(6,2455)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(6,2455)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(7,2447)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(7,2447)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(7,2447)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(7,2447)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(7,2447)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(7,2447)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(13,2443)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(13,2443)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(13,2443)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(13,2443)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(13,2443)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(13,2443)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(15,2457)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(15,2457)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(15,2457)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(15,2457)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(15,2457)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(15,2457)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(18,2440)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(18,2440)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(18,2440)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(18,2440)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(18,2440)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(18,2440)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(30,2449)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(30,2449)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(30,2449)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(30,2449)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(30,2449)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(30,2449)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(32,2461)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(32,2461)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	9	0.35	0.12	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,2461)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(32,2461)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(32,2461)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(32,2461)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	9	0.35	0.12	0.35
(11,621)	1:96:A:VAL:H	1:97:A:ASP:H	9	0.35	0.14	0.37
(9,2238)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	9	0.34	0.12	0.32
(9,2238)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	9	0.34	0.12	0.32
(9,2238)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	9	0.34	0.12	0.32
(9,2238)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	9	0.34	0.12	0.32
(9,2238)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	9	0.34	0.12	0.32
(9,2238)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	9	0.34	0.12	0.32
(13,2261)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	9	0.34	0.12	0.32
(13,2261)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	9	0.34	0.12	0.32
(13,2261)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	9	0.34	0.12	0.32
(13,2261)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	9	0.34	0.12	0.32
(13,2261)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	9	0.34	0.12	0.32
(13,2261)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	9	0.34	0.12	0.32
(17,2293)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	9	0.34	0.12	0.32
(17,2293)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	9	0.34	0.12	0.32
(17,2293)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	9	0.34	0.12	0.32
(17,2293)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	9	0.34	0.12	0.32
(17,2293)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	9	0.34	0.12	0.32
(17,2293)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	9	0.34	0.12	0.32
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD11	9	0.34	0.26	0.18
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD12	9	0.34	0.26	0.18
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD13	9	0.34	0.26	0.18
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD21	9	0.34	0.26	0.18
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD22	9	0.34	0.26	0.18
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD23	9	0.34	0.26	0.18
(7,1663)	1:57:A:LEU:HB3	1:58:A:ILE:HD11	9	0.34	0.1	0.37
(7,1663)	1:57:A:LEU:HB3	1:58:A:ILE:HD12	9	0.34	0.1	0.37
(7,1663)	1:57:A:LEU:HB3	1:58:A:ILE:HD13	9	0.34	0.1	0.37
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD11	9	0.34	0.26	0.18
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD12	9	0.34	0.26	0.18
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD13	9	0.34	0.26	0.18
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD21	9	0.34	0.26	0.18
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD22	9	0.34	0.26	0.18
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD23	9	0.34	0.26	0.18
(32,2197)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	9	0.34	0.28	0.19
(32,2197)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	9	0.34	0.28	0.19
(32,2197)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	9	0.34	0.28	0.19
(32,2197)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	9	0.34	0.28	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,2197)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	9	0.34	0.28	0.19
(32,2197)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	9	0.34	0.28	0.19
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD11	9	0.34	0.19	0.25
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD12	9	0.34	0.19	0.25
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD13	9	0.34	0.19	0.25
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD21	9	0.34	0.19	0.25
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD22	9	0.34	0.19	0.25
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD23	9	0.34	0.19	0.25
(11,43)	1:43:A:MET:HA	1:47:A:ALA:H	9	0.34	0.19	0.26
(34,1991)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	9	0.34	0.14	0.28
(34,1991)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	9	0.34	0.14	0.28
(34,1991)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	9	0.34	0.14	0.28
(34,1991)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	9	0.34	0.14	0.28
(34,1991)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	9	0.34	0.14	0.28
(34,1991)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	9	0.34	0.14	0.28
(34,1991)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	9	0.34	0.14	0.28
(34,1991)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	9	0.34	0.14	0.28
(34,1991)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	9	0.34	0.14	0.28
(34,1991)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	9	0.34	0.14	0.28
(34,1991)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	9	0.34	0.14	0.28
(34,1991)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	9	0.34	0.14	0.28
(34,1991)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	9	0.34	0.14	0.28
(34,1991)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	9	0.34	0.14	0.28
(34,1991)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	9	0.34	0.14	0.28
(34,1991)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	9	0.34	0.14	0.28
(34,1991)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	9	0.34	0.14	0.28
(34,1991)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	9	0.34	0.14	0.28
(34,2118)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	9	0.33	0.2	0.25
(34,2118)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	9	0.33	0.2	0.25
(34,2118)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	9	0.33	0.2	0.25
(34,2118)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	9	0.33	0.2	0.25
(34,2118)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	9	0.33	0.2	0.25
(34,2118)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	9	0.33	0.2	0.25
(34,2118)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	9	0.33	0.2	0.25
(34,2118)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	9	0.33	0.2	0.25
(34,2118)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	9	0.33	0.2	0.25
(34,2118)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	9	0.33	0.2	0.25
(34,2118)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	9	0.33	0.2	0.25
(34,2118)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	9	0.33	0.2	0.25
(1,113)	1:69:A:MET:H	1:69:A:MET:HE1	9	0.33	0.14	0.28
(1,113)	1:69:A:MET:H	1:69:A:MET:HE2	9	0.33	0.14	0.28
(1,113)	1:69:A:MET:H	1:69:A:MET:HE3	9	0.33	0.14	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,108)	1:69:A:MET:H	1:69:A:MET:HE1	9	0.33	0.14	0.28
(29,108)	1:69:A:MET:H	1:69:A:MET:HE2	9	0.33	0.14	0.28
(29,108)	1:69:A:MET:H	1:69:A:MET:HE3	9	0.33	0.14	0.28
(4,2237)	1:69:A:MET:HG2	1:109:A:PRO:HA	9	0.33	0.16	0.31
(4,2237)	1:69:A:MET:HG3	1:109:A:PRO:HA	9	0.33	0.16	0.31
(9,2200)	1:69:A:MET:HG2	1:109:A:PRO:HA	9	0.33	0.16	0.31
(9,2200)	1:69:A:MET:HG3	1:109:A:PRO:HA	9	0.33	0.16	0.31
(11,1690)	1:69:A:MET:HA	1:69:A:MET:HE1	9	0.33	0.19	0.24
(11,1690)	1:69:A:MET:HA	1:69:A:MET:HE2	9	0.33	0.19	0.24
(11,1690)	1:69:A:MET:HA	1:69:A:MET:HE3	9	0.33	0.19	0.24
(15,2056)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	9	0.33	0.16	0.27
(15,2056)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	9	0.33	0.16	0.27
(15,2056)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	9	0.33	0.16	0.27
(15,2056)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	9	0.33	0.16	0.27
(15,2056)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	9	0.33	0.16	0.27
(15,2056)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	9	0.33	0.16	0.27
(1,554)	1:73:A:ILE:HD11	1:110:A:MET:H	9	0.32	0.12	0.37
(1,554)	1:73:A:ILE:HD12	1:110:A:MET:H	9	0.32	0.12	0.37
(1,554)	1:73:A:ILE:HD13	1:110:A:MET:H	9	0.32	0.12	0.37
(3,555)	1:73:A:ILE:HD11	1:110:A:MET:H	9	0.32	0.12	0.37
(3,555)	1:73:A:ILE:HD12	1:110:A:MET:H	9	0.32	0.12	0.37
(3,555)	1:73:A:ILE:HD13	1:110:A:MET:H	9	0.32	0.12	0.37
(11,555)	1:73:A:ILE:HD11	1:110:A:MET:H	9	0.32	0.12	0.37
(11,555)	1:73:A:ILE:HD12	1:110:A:MET:H	9	0.32	0.12	0.37
(11,555)	1:73:A:ILE:HD13	1:110:A:MET:H	9	0.32	0.12	0.37
(16,557)	1:73:A:ILE:HD11	1:110:A:MET:H	9	0.32	0.12	0.37
(16,557)	1:73:A:ILE:HD12	1:110:A:MET:H	9	0.32	0.12	0.37
(16,557)	1:73:A:ILE:HD13	1:110:A:MET:H	9	0.32	0.12	0.37
(18,568)	1:73:A:ILE:HD11	1:110:A:MET:H	9	0.32	0.12	0.37
(18,568)	1:73:A:ILE:HD12	1:110:A:MET:H	9	0.32	0.12	0.37
(18,568)	1:73:A:ILE:HD13	1:110:A:MET:H	9	0.32	0.12	0.37
(6,1577)	1:63:A:ILE:HD11	1:113:A:PHE:HA	9	0.32	0.21	0.32
(6,1577)	1:63:A:ILE:HD12	1:113:A:PHE:HA	9	0.32	0.21	0.32
(6,1577)	1:63:A:ILE:HD13	1:113:A:PHE:HA	9	0.32	0.21	0.32
(4,838)	1:48:A:ARG:HA	1:48:A:ARG:HD2	9	0.32	0.18	0.24
(4,838)	1:48:A:ARG:HA	1:48:A:ARG:HD3	9	0.32	0.18	0.24
(34,846)	1:48:A:ARG:HA	1:48:A:ARG:HD2	9	0.32	0.18	0.24
(34,846)	1:48:A:ARG:HA	1:48:A:ARG:HD3	9	0.32	0.18	0.24
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD11	9	0.32	0.26	0.16
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD12	9	0.32	0.26	0.16
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD13	9	0.32	0.26	0.16
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD21	9	0.32	0.26	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD22	9	0.32	0.26	0.16
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD23	9	0.32	0.26	0.16
(2,951)	1:15:A:ALA:HB1	1:43:A:MET:HB2	9	0.32	0.12	0.3
(2,951)	1:15:A:ALA:HB2	1:43:A:MET:HB2	9	0.32	0.12	0.3
(2,951)	1:15:A:ALA:HB3	1:43:A:MET:HB2	9	0.32	0.12	0.3
(11,964)	1:15:A:ALA:HB1	1:43:A:MET:HB2	9	0.32	0.12	0.3
(11,964)	1:15:A:ALA:HB2	1:43:A:MET:HB2	9	0.32	0.12	0.3
(11,964)	1:15:A:ALA:HB3	1:43:A:MET:HB2	9	0.32	0.12	0.3
(4,1866)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	9	0.31	0.11	0.31
(4,1866)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	9	0.31	0.11	0.31
(4,1866)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	9	0.31	0.11	0.31
(29,1909)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	9	0.31	0.11	0.31
(29,1909)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	9	0.31	0.11	0.31
(29,1909)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	9	0.31	0.11	0.31
(32,1857)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	9	0.31	0.11	0.31
(32,1857)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	9	0.31	0.11	0.31
(32,1857)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	9	0.31	0.11	0.31
(33,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	9	0.31	0.11	0.31
(33,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	9	0.31	0.11	0.31
(33,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	9	0.31	0.11	0.31
(1,1028)	1:66:A:THR:HG21	1:96:A:VAL:HA	9	0.31	0.15	0.26
(1,1028)	1:66:A:THR:HG22	1:96:A:VAL:HA	9	0.31	0.15	0.26
(1,1028)	1:66:A:THR:HG23	1:96:A:VAL:HA	9	0.31	0.15	0.26
(16,1918)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	9	0.31	0.17	0.27
(16,1918)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	9	0.31	0.17	0.27
(16,1918)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	9	0.31	0.17	0.27
(16,1918)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	9	0.31	0.17	0.27
(9,1693)	1:43:A:MET:HG2	1:43:A:MET:HE1	9	0.31	0.07	0.32
(9,1693)	1:43:A:MET:HG2	1:43:A:MET:HE2	9	0.31	0.07	0.32
(9,1693)	1:43:A:MET:HG2	1:43:A:MET:HE3	9	0.31	0.07	0.32
(13,1670)	1:43:A:MET:HG2	1:43:A:MET:HE1	9	0.31	0.07	0.32
(13,1670)	1:43:A:MET:HG2	1:43:A:MET:HE2	9	0.31	0.07	0.32
(13,1670)	1:43:A:MET:HG2	1:43:A:MET:HE3	9	0.31	0.07	0.32
(18,1683)	1:43:A:MET:HG2	1:43:A:MET:HE1	9	0.31	0.07	0.32
(18,1683)	1:43:A:MET:HG2	1:43:A:MET:HE2	9	0.31	0.07	0.32
(18,1683)	1:43:A:MET:HG2	1:43:A:MET:HE3	9	0.31	0.07	0.32
(29,1718)	1:43:A:MET:HG2	1:43:A:MET:HE1	9	0.31	0.07	0.32
(29,1718)	1:43:A:MET:HG2	1:43:A:MET:HE2	9	0.31	0.07	0.32
(29,1718)	1:43:A:MET:HG2	1:43:A:MET:HE3	9	0.31	0.07	0.32
(32,1654)	1:43:A:MET:HG2	1:43:A:MET:HE1	9	0.31	0.07	0.32
(32,1654)	1:43:A:MET:HG2	1:43:A:MET:HE2	9	0.31	0.07	0.32
(32,1654)	1:43:A:MET:HG2	1:43:A:MET:HE3	9	0.31	0.07	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2210)	1:65:A:CYS:HB2	1:70:A:LYS:HA	9	0.3	0.14	0.23
(1,2210)	1:65:A:CYS:HB3	1:70:A:LYS:HA	9	0.3	0.14	0.23
(13,2197)	1:65:A:CYS:HB2	1:70:A:LYS:HA	9	0.3	0.14	0.23
(13,2197)	1:65:A:CYS:HB3	1:70:A:LYS:HA	9	0.3	0.14	0.23
(7,343)	1:122:A:ASP:HB3	1:123:A:CYS:H	9	0.3	0.06	0.31
(18,355)	1:122:A:ASP:HB3	1:123:A:CYS:H	9	0.3	0.06	0.31
(34,354)	1:122:A:ASP:HB3	1:123:A:CYS:H	9	0.3	0.06	0.31
(4,2103)	1:39:A:VAL:HG11	1:44:A:GLU:H	9	0.3	0.16	0.22
(4,2103)	1:39:A:VAL:HG12	1:44:A:GLU:H	9	0.3	0.16	0.22
(4,2103)	1:39:A:VAL:HG13	1:44:A:GLU:H	9	0.3	0.16	0.22
(4,2103)	1:39:A:VAL:HG21	1:44:A:GLU:H	9	0.3	0.16	0.22
(4,2103)	1:39:A:VAL:HG22	1:44:A:GLU:H	9	0.3	0.16	0.22
(4,2103)	1:39:A:VAL:HG23	1:44:A:GLU:H	9	0.3	0.16	0.22
(32,2093)	1:39:A:VAL:HG11	1:44:A:GLU:H	9	0.3	0.16	0.22
(32,2093)	1:39:A:VAL:HG12	1:44:A:GLU:H	9	0.3	0.16	0.22
(32,2093)	1:39:A:VAL:HG13	1:44:A:GLU:H	9	0.3	0.16	0.22
(32,2093)	1:39:A:VAL:HG21	1:44:A:GLU:H	9	0.3	0.16	0.22
(32,2093)	1:39:A:VAL:HG22	1:44:A:GLU:H	9	0.3	0.16	0.22
(32,2093)	1:39:A:VAL:HG23	1:44:A:GLU:H	9	0.3	0.16	0.22
(18,1124)	1:43:A:MET:HA	1:43:A:MET:HG3	9	0.3	0.12	0.34
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD11	9	0.29	0.18	0.23
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD12	9	0.29	0.18	0.23
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD13	9	0.29	0.18	0.23
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD21	9	0.29	0.18	0.23
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD22	9	0.29	0.18	0.23
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD23	9	0.29	0.18	0.23
(11,900)	1:54:A:ARG:HA	1:58:A:ILE:HB	9	0.29	0.1	0.25
(16,1401)	1:11:A:ILE:HG21	1:43:A:MET:HG3	9	0.29	0.17	0.19
(16,1401)	1:11:A:ILE:HG22	1:43:A:MET:HG3	9	0.29	0.17	0.19
(16,1401)	1:11:A:ILE:HG23	1:43:A:MET:HG3	9	0.29	0.17	0.19
(33,972)	1:140:A:LEU:HD21	1:141:A:LYS:HB2	9	0.29	0.09	0.26
(33,972)	1:140:A:LEU:HD21	1:141:A:LYS:HB3	9	0.29	0.09	0.26
(33,972)	1:140:A:LEU:HD22	1:141:A:LYS:HB2	9	0.29	0.09	0.26
(33,972)	1:140:A:LEU:HD22	1:141:A:LYS:HB3	9	0.29	0.09	0.26
(33,972)	1:140:A:LEU:HD23	1:141:A:LYS:HB2	9	0.29	0.09	0.26
(33,972)	1:140:A:LEU:HD23	1:141:A:LYS:HB3	9	0.29	0.09	0.26
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	9	0.29	0.08	0.25
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	9	0.29	0.08	0.25
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	9	0.29	0.08	0.25
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	9	0.29	0.08	0.25
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	9	0.29	0.08	0.25
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	9	0.29	0.08	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	9	0.29	0.08	0.25
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	9	0.29	0.08	0.25
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	9	0.29	0.08	0.25
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	9	0.29	0.08	0.25
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	9	0.29	0.08	0.25
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	9	0.29	0.08	0.25
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	9	0.29	0.08	0.25
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	9	0.29	0.08	0.25
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	9	0.29	0.08	0.25
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	9	0.29	0.08	0.25
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	9	0.29	0.08	0.25
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	9	0.29	0.08	0.25
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	9	0.29	0.08	0.25
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	9	0.29	0.08	0.25
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	9	0.29	0.08	0.25
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	9	0.29	0.08	0.25
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	9	0.29	0.08	0.25
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	9	0.29	0.08	0.25
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	9	0.29	0.08	0.25
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	9	0.29	0.08	0.25
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	9	0.29	0.08	0.25
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	9	0.29	0.08	0.25
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	9	0.29	0.08	0.25
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	9	0.29	0.08	0.25
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	9	0.29	0.08	0.25
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	9	0.29	0.08	0.25
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	9	0.29	0.08	0.25
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	9	0.29	0.08	0.25
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	9	0.29	0.08	0.25
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	9	0.29	0.08	0.25
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	9	0.29	0.08	0.25
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	9	0.29	0.08	0.25
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	9	0.29	0.08	0.25
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	9	0.29	0.08	0.25
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	9	0.29	0.08	0.25
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	9	0.29	0.08	0.25
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	9	0.29	0.08	0.25
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	9	0.29	0.08	0.25
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	9	0.29	0.08	0.25
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	9	0.29	0.08	0.25
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	9	0.29	0.08	0.25
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	9	0.29	0.08	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	9	0.29	0.08	0.25
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	9	0.29	0.08	0.25
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	9	0.29	0.08	0.25
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	9	0.29	0.08	0.25
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	9	0.29	0.08	0.25
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	9	0.29	0.08	0.25
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD11	9	0.28	0.14	0.22
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD12	9	0.28	0.14	0.22
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD13	9	0.28	0.14	0.22
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD21	9	0.28	0.14	0.22
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD22	9	0.28	0.14	0.22
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD23	9	0.28	0.14	0.22
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD11	9	0.28	0.18	0.22
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD12	9	0.28	0.18	0.22
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD13	9	0.28	0.18	0.22
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD21	9	0.28	0.18	0.22
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD22	9	0.28	0.18	0.22
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD23	9	0.28	0.18	0.22
(2,1976)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	9	0.28	0.17	0.2
(2,1976)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	9	0.28	0.17	0.2
(2,1976)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	9	0.28	0.17	0.2
(2,1976)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	9	0.28	0.17	0.2
(2,1976)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	9	0.28	0.17	0.2
(2,1976)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	9	0.28	0.17	0.2
(6,787)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	9	0.28	0.32	0.17
(6,787)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	9	0.28	0.32	0.17
(6,787)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	9	0.28	0.32	0.17
(6,787)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	9	0.28	0.32	0.17
(6,787)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	9	0.28	0.32	0.17
(6,787)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	9	0.28	0.32	0.17
(9,792)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	9	0.28	0.32	0.17
(9,792)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	9	0.28	0.32	0.17
(9,792)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	9	0.28	0.32	0.17
(9,792)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	9	0.28	0.32	0.17
(9,792)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	9	0.28	0.32	0.17
(9,792)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	9	0.28	0.32	0.17
(15,799)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	9	0.28	0.32	0.17
(15,799)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	9	0.28	0.32	0.17
(15,799)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	9	0.28	0.32	0.17
(15,799)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	9	0.28	0.32	0.17
(15,799)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	9	0.28	0.32	0.17
(15,799)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	9	0.28	0.32	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	9	0.28	0.32	0.17
(16,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	9	0.28	0.32	0.17
(16,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	9	0.28	0.32	0.17
(16,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	9	0.28	0.32	0.17
(16,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	9	0.28	0.32	0.17
(16,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	9	0.28	0.32	0.17
(17,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	9	0.28	0.32	0.17
(17,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	9	0.28	0.32	0.17
(17,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	9	0.28	0.32	0.17
(17,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	9	0.28	0.32	0.17
(17,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	9	0.28	0.32	0.17
(17,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	9	0.28	0.32	0.17
(18,806)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	9	0.28	0.32	0.17
(18,806)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	9	0.28	0.32	0.17
(18,806)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	9	0.28	0.32	0.17
(18,806)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	9	0.28	0.32	0.17
(18,806)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	9	0.28	0.32	0.17
(18,806)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	9	0.28	0.32	0.17
(29,810)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	9	0.28	0.32	0.17
(29,810)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	9	0.28	0.32	0.17
(29,810)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	9	0.28	0.32	0.17
(29,810)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	9	0.28	0.32	0.17
(29,810)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	9	0.28	0.32	0.17
(29,810)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	9	0.28	0.32	0.17
(32,772)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	9	0.28	0.32	0.17
(32,772)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	9	0.28	0.32	0.17
(32,772)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	9	0.28	0.32	0.17
(32,772)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	9	0.28	0.32	0.17
(32,772)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	9	0.28	0.32	0.17
(32,772)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	9	0.28	0.32	0.17
(16,912)	1:54:A:ARG:HA	1:58:A:ILE:HB	9	0.28	0.1	0.24
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	9	0.28	0.08	0.24
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	9	0.28	0.08	0.24
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	9	0.28	0.08	0.24
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	9	0.28	0.08	0.24
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	9	0.28	0.08	0.24
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	9	0.28	0.08	0.24
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	9	0.28	0.08	0.24
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	9	0.28	0.08	0.24
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	9	0.28	0.08	0.24
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	9	0.28	0.08	0.24
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	9	0.28	0.08	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	9	0.28	0.08	0.24
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	9	0.28	0.08	0.24
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	9	0.28	0.08	0.24
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	9	0.28	0.08	0.24
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	9	0.28	0.08	0.24
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	9	0.28	0.08	0.24
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	9	0.28	0.08	0.24
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	9	0.28	0.08	0.24
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	9	0.28	0.08	0.24
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	9	0.28	0.08	0.24
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	9	0.28	0.08	0.24
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	9	0.28	0.08	0.24
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	9	0.28	0.08	0.24
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	9	0.28	0.08	0.24
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	9	0.28	0.08	0.24
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	9	0.28	0.08	0.24
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	9	0.28	0.08	0.24
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	9	0.28	0.08	0.24
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	9	0.28	0.08	0.24
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	9	0.28	0.08	0.24
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	9	0.28	0.08	0.24
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	9	0.28	0.08	0.24
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	9	0.28	0.08	0.24
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	9	0.28	0.08	0.24
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	9	0.28	0.08	0.24
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	9	0.28	0.08	0.24
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	9	0.28	0.08	0.24
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	9	0.28	0.08	0.24
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	9	0.28	0.08	0.24
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	9	0.28	0.08	0.24
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	9	0.28	0.08	0.24
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	9	0.28	0.08	0.24
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	9	0.28	0.08	0.24
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	9	0.28	0.08	0.24
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	9	0.28	0.08	0.24
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	9	0.28	0.08	0.24
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	9	0.28	0.08	0.24
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	9	0.28	0.08	0.24
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	9	0.28	0.08	0.24
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	9	0.28	0.08	0.24
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	9	0.28	0.08	0.24
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	9	0.28	0.08	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	9	0.28	0.08	0.24
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD11	9	0.27	0.18	0.21
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD12	9	0.27	0.18	0.21
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD13	9	0.27	0.18	0.21
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD21	9	0.27	0.18	0.21
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD22	9	0.27	0.18	0.21
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD23	9	0.27	0.18	0.21
(6,710)	1:48:A:ARG:HE	1:49:A:LYS:H	9	0.27	0.12	0.3
(2,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	9	0.26	0.26	0.15
(2,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	9	0.26	0.26	0.15
(2,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	9	0.26	0.26	0.15
(2,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	9	0.26	0.26	0.15
(2,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	9	0.26	0.26	0.15
(2,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	9	0.26	0.26	0.15
(29,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	9	0.26	0.26	0.15
(29,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	9	0.26	0.26	0.15
(29,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	9	0.26	0.26	0.15
(29,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	9	0.26	0.26	0.15
(29,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	9	0.26	0.26	0.15
(29,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	9	0.26	0.26	0.15
(33,1600)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	9	0.26	0.26	0.15
(33,1600)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	9	0.26	0.26	0.15
(33,1600)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	9	0.26	0.26	0.15
(33,1600)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	9	0.26	0.26	0.15
(33,1600)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	9	0.26	0.26	0.15
(33,1600)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	9	0.26	0.26	0.15
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	9	0.26	0.08	0.22
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	9	0.26	0.08	0.22
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	9	0.26	0.08	0.22
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	9	0.26	0.08	0.22
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	9	0.26	0.08	0.22
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	9	0.26	0.08	0.22
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	9	0.26	0.08	0.22
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	9	0.26	0.08	0.22
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	9	0.26	0.08	0.22
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	9	0.26	0.08	0.22
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	9	0.26	0.08	0.22
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	9	0.26	0.08	0.22
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	9	0.26	0.08	0.22
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	9	0.26	0.08	0.22
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	9	0.26	0.08	0.22
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	9	0.26	0.08	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	9	0.26	0.08	0.22
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	9	0.26	0.08	0.22
(2,1665)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	9	0.24	0.13	0.2
(2,1665)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	9	0.24	0.13	0.2
(2,1665)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	9	0.24	0.13	0.2
(2,1665)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	9	0.24	0.13	0.2
(2,1665)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	9	0.24	0.13	0.2
(2,1665)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	9	0.24	0.13	0.2
(9,1639)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	9	0.24	0.13	0.2
(9,1639)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	9	0.24	0.13	0.2
(9,1639)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	9	0.24	0.13	0.2
(9,1639)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	9	0.24	0.13	0.2
(9,1639)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	9	0.24	0.13	0.2
(9,1639)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	9	0.24	0.13	0.2
(30,1649)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	9	0.24	0.13	0.2
(30,1649)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	9	0.24	0.13	0.2
(30,1649)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	9	0.24	0.13	0.2
(30,1649)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	9	0.24	0.13	0.2
(30,1649)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	9	0.24	0.13	0.2
(30,1649)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	9	0.24	0.13	0.2
(5,217)	1:9:A:PHE:HE1	1:10:A:ASN:H	9	0.24	0.1	0.22
(5,217)	1:9:A:PHE:HE2	1:10:A:ASN:H	9	0.24	0.1	0.22
(17,219)	1:9:A:PHE:HE1	1:10:A:ASN:H	9	0.24	0.1	0.22
(17,219)	1:9:A:PHE:HE2	1:10:A:ASN:H	9	0.24	0.1	0.22
(18,228)	1:9:A:PHE:HE1	1:10:A:ASN:H	9	0.24	0.1	0.22
(18,228)	1:9:A:PHE:HE2	1:10:A:ASN:H	9	0.24	0.1	0.22
(30,224)	1:9:A:PHE:HE1	1:10:A:ASN:H	9	0.24	0.1	0.22
(30,224)	1:9:A:PHE:HE2	1:10:A:ASN:H	9	0.24	0.1	0.22
(1,357)	1:104:A:PHE:H	1:104:A:PHE:HD1	9	0.23	0.06	0.26
(1,357)	1:104:A:PHE:H	1:104:A:PHE:HD2	9	0.23	0.06	0.26
(33,355)	1:104:A:PHE:H	1:104:A:PHE:HD1	9	0.23	0.06	0.26
(33,355)	1:104:A:PHE:H	1:104:A:PHE:HD2	9	0.23	0.06	0.26
(4,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	9	0.23	0.15	0.17
(4,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	9	0.23	0.15	0.17
(4,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	9	0.23	0.15	0.17
(4,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	9	0.23	0.15	0.17
(4,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	9	0.23	0.15	0.17
(4,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	9	0.23	0.15	0.17
(15,1407)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	9	0.23	0.15	0.17
(15,1407)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	9	0.23	0.15	0.17
(15,1407)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	9	0.23	0.15	0.17
(15,1407)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	9	0.23	0.15	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,1407)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	9	0.23	0.15	0.17
(15,1407)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	9	0.23	0.15	0.17
(34,1358)	1:105:A:LYS:HB2	1:106:A:ASP:HA	9	0.22	0.1	0.21
(34,1358)	1:105:A:LYS:HB3	1:106:A:ASP:HA	9	0.22	0.1	0.21
(5,640)	1:66:A:THR:H	1:68:A:LYS:H	9	0.22	0.05	0.2
(3,1867)	1:61:A:SER:H	1:62:A:HIS:HD2	9	0.22	0.11	0.2
(11,1865)	1:61:A:SER:H	1:62:A:HIS:HD2	9	0.22	0.11	0.2
(17,1855)	1:61:A:SER:H	1:62:A:HIS:HD2	9	0.22	0.11	0.2
(33,1835)	1:61:A:SER:H	1:62:A:HIS:HD2	9	0.22	0.11	0.2
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD11	9	0.22	0.04	0.24
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD12	9	0.22	0.04	0.24
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD13	9	0.22	0.04	0.24
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD21	9	0.22	0.04	0.24
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD22	9	0.22	0.04	0.24
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD23	9	0.22	0.04	0.24
(16,2037)	1:23:A:LEU:HD11	1:25:A:ALA:H	9	0.21	0.08	0.21
(16,2037)	1:23:A:LEU:HD12	1:25:A:ALA:H	9	0.21	0.08	0.21
(16,2037)	1:23:A:LEU:HD13	1:25:A:ALA:H	9	0.21	0.08	0.21
(16,2037)	1:23:A:LEU:HD21	1:25:A:ALA:H	9	0.21	0.08	0.21
(16,2037)	1:23:A:LEU:HD22	1:25:A:ALA:H	9	0.21	0.08	0.21
(16,2037)	1:23:A:LEU:HD23	1:25:A:ALA:H	9	0.21	0.08	0.21
(32,2006)	1:23:A:LEU:HD11	1:25:A:ALA:H	9	0.21	0.08	0.21
(32,2006)	1:23:A:LEU:HD12	1:25:A:ALA:H	9	0.21	0.08	0.21
(32,2006)	1:23:A:LEU:HD13	1:25:A:ALA:H	9	0.21	0.08	0.21
(32,2006)	1:23:A:LEU:HD21	1:25:A:ALA:H	9	0.21	0.08	0.21
(32,2006)	1:23:A:LEU:HD22	1:25:A:ALA:H	9	0.21	0.08	0.21
(32,2006)	1:23:A:LEU:HD23	1:25:A:ALA:H	9	0.21	0.08	0.21
(11,812)	1:98:A:ILE:HD11	1:116:A:GLN:H	9	0.2	0.1	0.17
(11,812)	1:98:A:ILE:HD12	1:116:A:GLN:H	9	0.2	0.1	0.17
(11,812)	1:98:A:ILE:HD13	1:116:A:GLN:H	9	0.2	0.1	0.17
(23,9)	1:73:A:ILE:N	1:69:A:MET:O	9	0.2	0.12	0.14
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD11	9	0.2	0.04	0.22
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD12	9	0.2	0.04	0.22
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD13	9	0.2	0.04	0.22
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD21	9	0.2	0.04	0.22
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD22	9	0.2	0.04	0.22
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD23	9	0.2	0.04	0.22
(6,2321)	1:105:A:LYS:HG2	1:106:A:ASP:HA	9	0.19	0.07	0.16
(6,2321)	1:105:A:LYS:HG3	1:106:A:ASP:HA	9	0.19	0.07	0.16
(18,529)	1:67:A:PRO:HB2	1:71:A:LYS:H	9	0.16	0.05	0.14
(18,529)	1:67:A:PRO:HB3	1:71:A:LYS:H	9	0.16	0.05	0.14
(7,1339)	1:39:A:VAL:H	1:39:A:VAL:HG11	9	0.11	0.01	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1339)	1:39:A:VAL:H	1:39:A:VAL:HG12	9	0.11	0.01	0.12
(7,1339)	1:39:A:VAL:H	1:39:A:VAL:HG13	9	0.11	0.01	0.12
(13,1347)	1:39:A:VAL:H	1:39:A:VAL:HG11	9	0.11	0.01	0.12
(13,1347)	1:39:A:VAL:H	1:39:A:VAL:HG12	9	0.11	0.01	0.12
(13,1347)	1:39:A:VAL:H	1:39:A:VAL:HG13	9	0.11	0.01	0.12
(6,1982)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	8	2.09	0.96	2.3
(6,1982)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	8	2.09	0.96	2.3
(6,1982)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	8	2.09	0.96	2.3
(6,1982)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	8	2.09	0.96	2.3
(6,1982)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	8	2.09	0.96	2.3
(6,1982)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	8	2.09	0.96	2.3
(16,1963)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	8	2.09	0.96	2.3
(16,1963)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	8	2.09	0.96	2.3
(16,1963)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	8	2.09	0.96	2.3
(16,1963)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	8	2.09	0.96	2.3
(16,1963)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	8	2.09	0.96	2.3
(16,1963)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	8	2.09	0.96	2.3
(33,1968)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	8	2.09	0.96	2.3
(33,1968)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	8	2.09	0.96	2.3
(33,1968)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	8	2.09	0.96	2.3
(33,1968)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	8	2.09	0.96	2.3
(33,1968)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	8	2.09	0.96	2.3
(33,1968)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	8	2.09	0.96	2.3
(3,1126)	1:18:A:PHE:HA	1:113:A:PHE:HZ	8	1.81	1.35	1.35
(4,1088)	1:18:A:PHE:HA	1:113:A:PHE:HZ	8	1.81	1.35	1.35
(6,1088)	1:18:A:PHE:HA	1:113:A:PHE:HZ	8	1.81	1.35	1.35
(15,1106)	1:18:A:PHE:HA	1:113:A:PHE:HZ	8	1.81	1.35	1.35
(17,1115)	1:18:A:PHE:HA	1:113:A:PHE:HZ	8	1.81	1.35	1.35
(29,1117)	1:18:A:PHE:HA	1:113:A:PHE:HZ	8	1.81	1.35	1.35
(32,1072)	1:18:A:PHE:HA	1:113:A:PHE:HZ	8	1.81	1.35	1.35
(34,1134)	1:18:A:PHE:HA	1:113:A:PHE:HZ	8	1.81	1.35	1.35
(13,1864)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	8	1.64	0.96	1.94
(13,1864)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	8	1.64	0.96	1.94
(2,1013)	1:34:A:LYS:H	1:81:A:GLU:HB3	8	1.59	1.28	0.8
(13,1002)	1:34:A:LYS:H	1:81:A:GLU:HB3	8	1.59	1.28	0.8
(34,1046)	1:34:A:LYS:H	1:81:A:GLU:HB3	8	1.59	1.28	0.8
(17,992)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	8	1.56	0.61	1.52
(17,992)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	8	1.56	0.61	1.52
(2,978)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	8	1.54	0.61	1.5
(2,978)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	8	1.54	0.61	1.5
(1,1100)	1:141:A:LYS:HA	1:149:A:ALA:HB1	8	1.52	0.86	1.46
(1,1100)	1:141:A:LYS:HA	1:149:A:ALA:HB2	8	1.52	0.86	1.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1100)	1:141:A:LYS:HA	1:149:A:ALA:HB3	8	1.52	0.86	1.46
(4,1069)	1:141:A:LYS:HA	1:149:A:ALA:HB1	8	1.52	0.86	1.46
(4,1069)	1:141:A:LYS:HA	1:149:A:ALA:HB2	8	1.52	0.86	1.46
(4,1069)	1:141:A:LYS:HA	1:149:A:ALA:HB3	8	1.52	0.86	1.46
(13,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB1	8	1.52	0.86	1.46
(13,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB2	8	1.52	0.86	1.46
(13,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB3	8	1.52	0.86	1.46
(17,1097)	1:141:A:LYS:HA	1:149:A:ALA:HB1	8	1.52	0.86	1.46
(17,1097)	1:141:A:LYS:HA	1:149:A:ALA:HB2	8	1.52	0.86	1.46
(17,1097)	1:141:A:LYS:HA	1:149:A:ALA:HB3	8	1.52	0.86	1.46
(4,975)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	8	1.51	0.61	1.46
(4,975)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	8	1.51	0.61	1.46
(7,970)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	8	1.51	0.61	1.46
(7,970)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	8	1.51	0.61	1.46
(15,990)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	8	1.51	0.61	1.46
(15,990)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	8	1.51	0.61	1.46
(3,1000)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	8	1.49	0.61	1.44
(3,1000)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	8	1.49	0.61	1.44
(30,980)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	8	1.49	0.61	1.44
(30,980)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	8	1.49	0.61	1.44
(3,1905)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	8	1.47	0.72	1.4
(3,1905)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	8	1.47	0.72	1.4
(3,1905)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	8	1.47	0.72	1.4
(3,1905)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	8	1.47	0.72	1.4
(33,1967)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	8	1.44	0.49	1.56
(33,1967)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	8	1.44	0.49	1.56
(33,1967)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	8	1.44	0.49	1.56
(33,1967)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	8	1.44	0.49	1.56
(33,1967)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	8	1.44	0.49	1.56
(33,1967)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	8	1.44	0.49	1.56
(33,1967)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	8	1.44	0.49	1.56
(33,1967)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	8	1.44	0.49	1.56
(33,1967)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	8	1.44	0.49	1.56
(33,1967)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	8	1.44	0.49	1.56
(33,1967)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	8	1.44	0.49	1.56
(33,1967)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	8	1.44	0.49	1.56
(7,1004)	1:34:A:LYS:H	1:81:A:GLU:HB3	8	1.42	1.28	0.64
(13,698)	1:44:A:GLU:HB2	1:48:A:ARG:HE	8	1.41	1.22	1.34
(13,698)	1:44:A:GLU:HB3	1:48:A:ARG:HE	8	1.41	1.22	1.34
(17,714)	1:44:A:GLU:HB2	1:48:A:ARG:HE	8	1.4	1.22	1.32
(17,714)	1:44:A:GLU:HB3	1:48:A:ARG:HE	8	1.4	1.22	1.32
(30,1373)	1:47:A:ALA:H	1:134:A:VAL:HG11	8	1.38	0.68	1.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,1373)	1:47:A:ALA:H	1:134:A:VAL:HG12	8	1.38	0.68	1.35
(30,1373)	1:47:A:ALA:H	1:134:A:VAL:HG13	8	1.38	0.68	1.35
(1,1876)	1:18:A:PHE:HD1	1:113:A:PHE:HE1	8	1.35	1.18	0.96
(1,1876)	1:18:A:PHE:HD1	1:113:A:PHE:HE2	8	1.35	1.18	0.96
(1,1876)	1:18:A:PHE:HD2	1:113:A:PHE:HE1	8	1.35	1.18	0.96
(1,1876)	1:18:A:PHE:HD2	1:113:A:PHE:HE2	8	1.35	1.18	0.96
(5,1846)	1:9:A:PHE:HZ	1:54:A:ARG:HE	8	1.3	0.66	1.18
(30,1820)	1:9:A:PHE:HZ	1:54:A:ARG:HE	8	1.3	0.66	1.18
(33,1817)	1:9:A:PHE:HZ	1:54:A:ARG:HE	8	1.3	0.66	1.18
(29,1382)	1:47:A:ALA:H	1:134:A:VAL:HG11	8	1.28	0.68	1.25
(29,1382)	1:47:A:ALA:H	1:134:A:VAL:HG12	8	1.28	0.68	1.25
(29,1382)	1:47:A:ALA:H	1:134:A:VAL:HG13	8	1.28	0.68	1.25
(1,30)	1:13:A:ALA:H	1:14:A:VAL:HB	8	1.27	0.65	1.62
(5,27)	1:13:A:ALA:H	1:14:A:VAL:HB	8	1.27	0.65	1.62
(17,845)	1:48:A:ARG:HD2	1:49:A:LYS:HA	8	1.26	0.46	1.55
(17,845)	1:48:A:ARG:HD3	1:49:A:LYS:HA	8	1.26	0.46	1.55
(13,1426)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	8	1.25	0.69	1.48
(13,1426)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	8	1.25	0.69	1.48
(13,1426)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	8	1.25	0.69	1.48
(13,57)	1:34:A:LYS:H	1:81:A:GLU:H	8	1.23	0.91	1.02
(17,60)	1:34:A:LYS:H	1:81:A:GLU:H	8	1.23	0.91	1.02
(4,1436)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	8	1.21	0.8	0.94
(4,1436)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	8	1.21	0.8	0.94
(4,1436)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	8	1.21	0.8	0.94
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG11	8	1.2	0.94	0.84
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG12	8	1.2	0.94	0.84
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG13	8	1.2	0.94	0.84
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG21	8	1.2	0.94	0.84
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG22	8	1.2	0.94	0.84
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG23	8	1.2	0.94	0.84
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG11	8	1.2	0.94	0.84
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG12	8	1.2	0.94	0.84
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG13	8	1.2	0.94	0.84
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG21	8	1.2	0.94	0.84
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG22	8	1.2	0.94	0.84
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG23	8	1.2	0.94	0.84
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG11	8	1.2	0.94	0.84
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG12	8	1.2	0.94	0.84
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG13	8	1.2	0.94	0.84
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG21	8	1.2	0.94	0.84
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG22	8	1.2	0.94	0.84
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG23	8	1.2	0.94	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG11	8	1.17	0.94	0.81
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG12	8	1.17	0.94	0.81
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG13	8	1.17	0.94	0.81
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG21	8	1.17	0.94	0.81
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG22	8	1.17	0.94	0.81
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG23	8	1.17	0.94	0.81
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG11	8	1.17	0.94	0.81
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG12	8	1.17	0.94	0.81
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG13	8	1.17	0.94	0.81
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG21	8	1.17	0.94	0.81
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG22	8	1.17	0.94	0.81
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG23	8	1.17	0.94	0.81
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG11	8	1.17	0.94	0.81
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG12	8	1.17	0.94	0.81
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG13	8	1.17	0.94	0.81
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG21	8	1.17	0.94	0.81
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG22	8	1.17	0.94	0.81
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG23	8	1.17	0.94	0.81
(1,1274)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	8	1.15	0.72	1.16
(1,1274)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	8	1.15	0.72	1.16
(1,1274)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	8	1.15	0.72	1.16
(7,1251)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	8	1.15	0.72	1.16
(7,1251)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	8	1.15	0.72	1.16
(7,1251)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	8	1.15	0.72	1.16
(30,1343)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	8	1.15	0.72	1.16
(30,1343)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	8	1.15	0.72	1.16
(30,1343)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	8	1.15	0.72	1.16
(33,1863)	1:9:A:PHE:HE1	1:14:A:VAL:HB	8	1.14	0.51	1.24
(33,1863)	1:9:A:PHE:HE2	1:14:A:VAL:HB	8	1.14	0.51	1.24
(3,2172)	1:43:A:MET:HE1	1:131:A:LEU:HB2	8	1.13	0.78	0.94
(3,2172)	1:43:A:MET:HE1	1:131:A:LEU:HB3	8	1.13	0.78	0.94
(3,2172)	1:43:A:MET:HE2	1:131:A:LEU:HB2	8	1.13	0.78	0.94
(3,2172)	1:43:A:MET:HE2	1:131:A:LEU:HB3	8	1.13	0.78	0.94
(3,2172)	1:43:A:MET:HE3	1:131:A:LEU:HB2	8	1.13	0.78	0.94
(3,2172)	1:43:A:MET:HE3	1:131:A:LEU:HB3	8	1.13	0.78	0.94
(15,1499)	1:98:A:ILE:HG21	1:116:A:GLN:HG3	8	1.12	0.58	0.88
(15,1499)	1:98:A:ILE:HG22	1:116:A:GLN:HG3	8	1.12	0.58	0.88
(15,1499)	1:98:A:ILE:HG23	1:116:A:GLN:HG3	8	1.12	0.58	0.88
(5,969)	1:11:A:ILE:HG12	1:14:A:VAL:HB	8	1.12	0.79	0.79
(11,974)	1:11:A:ILE:HG12	1:14:A:VAL:HB	8	1.09	0.79	0.76
(9,2041)	1:31:A:PRO:HD2	1:144:A:LEU:HA	8	1.08	1.2	0.44
(9,2041)	1:31:A:PRO:HD3	1:144:A:LEU:HA	8	1.08	1.2	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1482)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	8	1.08	0.81	0.99
(1,1482)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	8	1.08	0.81	0.99
(1,1482)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	8	1.08	0.81	0.99
(30,232)	1:44:A:GLU:HG3	1:48:A:ARG:H	8	1.08	0.47	0.98
(29,1259)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	8	1.07	0.47	1.0
(29,1259)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	8	1.07	0.47	1.0
(29,1259)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	8	1.07	0.47	1.0
(29,1259)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	8	1.07	0.47	1.0
(29,1259)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	8	1.07	0.47	1.0
(29,1259)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	8	1.07	0.47	1.0
(4,1330)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	8	1.06	0.77	0.75
(4,1330)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	8	1.06	0.77	0.75
(4,1330)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	8	1.06	0.77	0.75
(33,2068)	1:32:A:GLY:HA2	1:34:A:LYS:H	8	1.06	0.61	1.08
(33,2068)	1:32:A:GLY:HA3	1:34:A:LYS:H	8	1.06	0.61	1.08
(7,28)	1:13:A:ALA:H	1:40:A:LEU:HD11	8	1.06	0.86	0.98
(7,28)	1:13:A:ALA:H	1:40:A:LEU:HD12	8	1.06	0.86	0.98
(7,28)	1:13:A:ALA:H	1:40:A:LEU:HD13	8	1.06	0.86	0.98
(30,1078)	1:136:A:CYS:HB2	1:141:A:LYS:HA	8	1.06	0.69	0.9
(16,1961)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	8	1.04	0.48	1.0
(16,1961)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	8	1.04	0.48	1.0
(16,1961)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	8	1.04	0.48	1.0
(16,1961)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	8	1.04	0.48	1.0
(16,1961)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	8	1.04	0.48	1.0
(16,1961)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	8	1.04	0.48	1.0
(16,1961)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	8	1.04	0.48	1.0
(16,1961)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	8	1.04	0.48	1.0
(16,1961)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	8	1.04	0.48	1.0
(16,1961)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	8	1.04	0.48	1.0
(16,1961)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	8	1.04	0.48	1.0
(16,1961)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	8	1.04	0.48	1.0
(2,917)	1:34:A:LYS:H	1:81:A:GLU:HG2	8	1.01	1.21	0.73
(2,917)	1:34:A:LYS:H	1:81:A:GLU:HG3	8	1.01	1.21	0.73
(3,943)	1:34:A:LYS:H	1:81:A:GLU:HG2	8	1.01	1.21	0.73
(3,943)	1:34:A:LYS:H	1:81:A:GLU:HG3	8	1.01	1.21	0.73
(5,925)	1:34:A:LYS:H	1:81:A:GLU:HG2	8	1.01	1.21	0.73
(5,925)	1:34:A:LYS:H	1:81:A:GLU:HG3	8	1.01	1.21	0.73
(7,914)	1:34:A:LYS:H	1:81:A:GLU:HG2	8	1.01	1.21	0.73
(7,914)	1:34:A:LYS:H	1:81:A:GLU:HG3	8	1.01	1.21	0.73
(13,908)	1:34:A:LYS:H	1:81:A:GLU:HG2	8	1.01	1.21	0.73
(13,908)	1:34:A:LYS:H	1:81:A:GLU:HG3	8	1.01	1.21	0.73
(30,922)	1:34:A:LYS:H	1:81:A:GLU:HG2	8	1.01	1.21	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,922)	1:34:A:LYS:H	1:81:A:GLU:HG3	8	1.01	1.21	0.73
(1,1521)	1:43:A:MET:HE1	1:46:A:ASN:HB2	8	1.0	0.67	0.86
(1,1521)	1:43:A:MET:HE2	1:46:A:ASN:HB2	8	1.0	0.67	0.86
(1,1521)	1:43:A:MET:HE3	1:46:A:ASN:HB2	8	1.0	0.67	0.86
(5,1962)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	8	1.0	0.3	1.14
(5,1962)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	8	1.0	0.3	1.14
(5,1962)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	8	1.0	0.3	1.14
(5,1962)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	8	1.0	0.3	1.14
(5,1962)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	8	1.0	0.3	1.14
(5,1962)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	8	1.0	0.3	1.14
(11,1334)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	8	1.0	0.21	1.03
(11,1334)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	8	1.0	0.21	1.03
(11,1334)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	8	1.0	0.21	1.03
(34,2135)	1:40:A:LEU:HD11	1:41:A:LYS:HA	8	1.0	0.61	1.42
(34,2135)	1:40:A:LEU:HD12	1:41:A:LYS:HA	8	1.0	0.61	1.42
(34,2135)	1:40:A:LEU:HD13	1:41:A:LYS:HA	8	1.0	0.61	1.42
(34,2135)	1:40:A:LEU:HD21	1:41:A:LYS:HA	8	1.0	0.61	1.42
(34,2135)	1:40:A:LEU:HD22	1:41:A:LYS:HA	8	1.0	0.61	1.42
(34,2135)	1:40:A:LEU:HD23	1:41:A:LYS:HA	8	1.0	0.61	1.42
(4,1568)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	8	1.0	0.46	0.99
(4,1568)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	8	1.0	0.46	0.99
(4,1568)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	8	1.0	0.46	0.99
(4,1568)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	8	1.0	0.46	0.99
(4,1568)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	8	1.0	0.46	0.99
(4,1568)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	8	1.0	0.46	0.99
(6,1587)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	8	1.0	0.46	0.99
(6,1587)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	8	1.0	0.46	0.99
(6,1587)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	8	1.0	0.46	0.99
(6,1587)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	8	1.0	0.46	0.99
(6,1587)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	8	1.0	0.46	0.99
(6,1587)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	8	1.0	0.46	0.99
(7,1560)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	8	1.0	0.46	0.99
(7,1560)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	8	1.0	0.46	0.99
(7,1560)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	8	1.0	0.46	0.99
(7,1560)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	8	1.0	0.46	0.99
(7,1560)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	8	1.0	0.46	0.99
(7,1560)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	8	1.0	0.46	0.99
(11,1617)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	8	1.0	0.46	0.99
(11,1617)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	8	1.0	0.46	0.99
(11,1617)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	8	1.0	0.46	0.99
(11,1617)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	8	1.0	0.46	0.99
(11,1617)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	8	1.0	0.46	0.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,1617)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	8	1.0	0.46	0.99
(17,1604)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	8	1.0	0.46	0.99
(17,1604)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	8	1.0	0.46	0.99
(17,1604)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	8	1.0	0.46	0.99
(17,1604)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	8	1.0	0.46	0.99
(17,1604)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	8	1.0	0.46	0.99
(17,1604)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	8	1.0	0.46	0.99
(30,1590)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	8	1.0	0.46	0.99
(30,1590)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	8	1.0	0.46	0.99
(30,1590)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	8	1.0	0.46	0.99
(30,1590)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	8	1.0	0.46	0.99
(30,1590)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	8	1.0	0.46	0.99
(30,1590)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	8	1.0	0.46	0.99
(33,1576)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	8	1.0	0.46	0.99
(33,1576)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	8	1.0	0.46	0.99
(33,1576)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	8	1.0	0.46	0.99
(33,1576)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	8	1.0	0.46	0.99
(33,1576)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	8	1.0	0.46	0.99
(33,1576)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	8	1.0	0.46	0.99
(3,1585)	1:11:A:ILE:HB	1:40:A:LEU:HD11	8	0.99	0.5	1.08
(3,1585)	1:11:A:ILE:HB	1:40:A:LEU:HD12	8	0.99	0.5	1.08
(3,1585)	1:11:A:ILE:HB	1:40:A:LEU:HD13	8	0.99	0.5	1.08
(30,1651)	1:131:A:LEU:H	1:134:A:VAL:HG11	8	0.96	0.43	0.94
(30,1651)	1:131:A:LEU:H	1:134:A:VAL:HG12	8	0.96	0.43	0.94
(30,1651)	1:131:A:LEU:H	1:134:A:VAL:HG13	8	0.96	0.43	0.94
(30,1056)	1:134:A:VAL:HG21	1:140:A:LEU:HG	8	0.96	0.89	0.55
(30,1056)	1:134:A:VAL:HG22	1:140:A:LEU:HG	8	0.96	0.89	0.55
(30,1056)	1:134:A:VAL:HG23	1:140:A:LEU:HG	8	0.96	0.89	0.55
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	8	0.95	0.58	0.8
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	8	0.95	0.58	0.8
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	8	0.95	0.58	0.8
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	8	0.95	0.58	0.8
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	8	0.95	0.58	0.8
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	8	0.95	0.58	0.8
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	8	0.95	0.26	1.0
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	8	0.95	0.26	1.0
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	8	0.95	0.26	1.0
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	8	0.95	0.26	1.0
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	8	0.95	0.26	1.0
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	8	0.95	0.26	1.0
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	8	0.95	0.26	1.0
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	8	0.95	0.26	1.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	8	0.95	0.26	1.0
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	8	0.95	0.26	1.0
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	8	0.95	0.26	1.0
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	8	0.95	0.26	1.0
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	8	0.95	0.26	1.0
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	8	0.95	0.26	1.0
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	8	0.95	0.26	1.0
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	8	0.95	0.26	1.0
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	8	0.95	0.26	1.0
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	8	0.95	0.26	1.0
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	8	0.93	0.46	0.8
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	8	0.93	0.46	0.8
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	8	0.93	0.46	0.8
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	8	0.93	0.46	0.8
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	8	0.93	0.46	0.8
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	8	0.93	0.46	0.8
(4,815)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	8	0.92	0.62	0.68
(4,815)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	8	0.92	0.62	0.68
(4,815)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	8	0.92	0.62	0.68
(30,816)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	8	0.92	0.62	0.68
(30,816)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	8	0.92	0.62	0.68
(30,816)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	8	0.92	0.62	0.68
(34,826)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	8	0.92	0.62	0.68
(34,826)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	8	0.92	0.62	0.68
(34,826)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	8	0.92	0.62	0.68
(3,1302)	1:44:A:GLU:HG2	1:45:A:ALA:HA	8	0.9	0.46	0.76
(6,1265)	1:44:A:GLU:HG2	1:45:A:ALA:HA	8	0.9	0.46	0.76
(7,1259)	1:44:A:GLU:HG2	1:45:A:ALA:HA	8	0.9	0.46	0.76
(9,1275)	1:44:A:GLU:HG2	1:45:A:ALA:HA	8	0.9	0.46	0.76
(11,1294)	1:44:A:GLU:HG2	1:45:A:ALA:HA	8	0.9	0.46	0.76
(29,1287)	1:44:A:GLU:HG2	1:45:A:ALA:HA	8	0.9	0.46	0.76
(30,1271)	1:44:A:GLU:HG2	1:45:A:ALA:HA	8	0.9	0.46	0.76
(33,1284)	1:44:A:GLU:HG2	1:45:A:ALA:HA	8	0.9	0.46	0.76
(34,1305)	1:44:A:GLU:HG2	1:45:A:ALA:HA	8	0.9	0.46	0.76
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD11	8	0.89	0.55	0.86
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD12	8	0.89	0.55	0.86
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD13	8	0.89	0.55	0.86
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD21	8	0.89	0.55	0.86
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD22	8	0.89	0.55	0.86
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD23	8	0.89	0.55	0.86
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD11	8	0.89	0.55	0.86
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD12	8	0.89	0.55	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD13	8	0.89	0.55	0.86
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD21	8	0.89	0.55	0.86
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD22	8	0.89	0.55	0.86
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD23	8	0.89	0.55	0.86
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD11	8	0.89	0.55	0.86
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD12	8	0.89	0.55	0.86
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD13	8	0.89	0.55	0.86
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD21	8	0.89	0.55	0.86
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD22	8	0.89	0.55	0.86
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD23	8	0.89	0.55	0.86
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG11	8	0.88	0.76	0.45
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG12	8	0.88	0.76	0.45
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG13	8	0.88	0.76	0.45
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG21	8	0.88	0.76	0.45
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG22	8	0.88	0.76	0.45
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG23	8	0.88	0.76	0.45
(3,2466)	1:134:A:VAL:HG11	1:137:A:SER:HB2	8	0.88	0.44	0.8
(3,2466)	1:134:A:VAL:HG11	1:137:A:SER:HB3	8	0.88	0.44	0.8
(3,2466)	1:134:A:VAL:HG12	1:137:A:SER:HB2	8	0.88	0.44	0.8
(3,2466)	1:134:A:VAL:HG12	1:137:A:SER:HB3	8	0.88	0.44	0.8
(3,2466)	1:134:A:VAL:HG13	1:137:A:SER:HB2	8	0.88	0.44	0.8
(3,2466)	1:134:A:VAL:HG13	1:137:A:SER:HB3	8	0.88	0.44	0.8
(3,2466)	1:134:A:VAL:HG21	1:137:A:SER:HB2	8	0.88	0.44	0.8
(3,2466)	1:134:A:VAL:HG21	1:137:A:SER:HB3	8	0.88	0.44	0.8
(3,2466)	1:134:A:VAL:HG22	1:137:A:SER:HB2	8	0.88	0.44	0.8
(3,2466)	1:134:A:VAL:HG22	1:137:A:SER:HB3	8	0.88	0.44	0.8
(3,2466)	1:134:A:VAL:HG23	1:137:A:SER:HB2	8	0.88	0.44	0.8
(3,2466)	1:134:A:VAL:HG23	1:137:A:SER:HB3	8	0.88	0.44	0.8
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	8	0.88	0.19	0.92
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	8	0.88	0.19	0.92
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	8	0.88	0.19	0.92
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	8	0.88	0.19	0.92
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	8	0.88	0.19	0.92
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	8	0.88	0.19	0.92
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	8	0.88	0.19	0.92
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	8	0.88	0.19	0.92
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	8	0.88	0.19	0.92
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	8	0.88	0.19	0.92
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	8	0.88	0.19	0.92
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	8	0.88	0.19	0.92
(30,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	8	0.86	0.48	0.78
(30,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	8	0.86	0.48	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	8	0.86	0.48	0.78
(30,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	8	0.86	0.48	0.78
(30,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	8	0.86	0.48	0.78
(30,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	8	0.86	0.48	0.78
(30,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	8	0.86	0.48	0.78
(30,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	8	0.86	0.48	0.78
(30,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	8	0.86	0.48	0.78
(30,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	8	0.86	0.48	0.78
(30,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	8	0.86	0.48	0.78
(30,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	8	0.86	0.48	0.78
(5,1576)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	8	0.86	0.44	0.7
(5,1576)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	8	0.86	0.44	0.7
(5,1576)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	8	0.86	0.44	0.7
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	8	0.86	0.46	0.74
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	8	0.86	0.46	0.74
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	8	0.86	0.46	0.74
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	8	0.86	0.46	0.74
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	8	0.86	0.46	0.74
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	8	0.86	0.46	0.74
(18,1286)	1:66:A:THR:HG21	1:96:A:VAL:H	8	0.85	0.3	0.9
(18,1286)	1:66:A:THR:HG22	1:96:A:VAL:H	8	0.85	0.3	0.9
(18,1286)	1:66:A:THR:HG23	1:96:A:VAL:H	8	0.85	0.3	0.9
(32,1259)	1:66:A:THR:HG21	1:96:A:VAL:H	8	0.85	0.3	0.9
(32,1259)	1:66:A:THR:HG22	1:96:A:VAL:H	8	0.85	0.3	0.9
(32,1259)	1:66:A:THR:HG23	1:96:A:VAL:H	8	0.85	0.3	0.9
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	8	0.84	0.46	0.72
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	8	0.84	0.46	0.72
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	8	0.84	0.46	0.72
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	8	0.84	0.46	0.72
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	8	0.84	0.46	0.72
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	8	0.84	0.46	0.72
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	8	0.83	0.46	0.7
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	8	0.83	0.46	0.7
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	8	0.83	0.46	0.7
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	8	0.83	0.46	0.7
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	8	0.83	0.46	0.7
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	8	0.83	0.46	0.7
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG11	8	0.82	0.76	0.4
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG12	8	0.82	0.76	0.4
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG13	8	0.82	0.76	0.4
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG21	8	0.82	0.76	0.4
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG22	8	0.82	0.76	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG23	8	0.82	0.76	0.4
(1,2000)	1:17:A:ASN:HD21	1:113:A:PHE:HE1	8	0.8	0.47	0.61
(1,2000)	1:17:A:ASN:HD21	1:113:A:PHE:HE2	8	0.8	0.47	0.61
(1,2000)	1:17:A:ASN:HD22	1:113:A:PHE:HE1	8	0.8	0.47	0.61
(1,2000)	1:17:A:ASN:HD22	1:113:A:PHE:HE2	8	0.8	0.47	0.61
(3,230)	1:44:A:GLU:HG3	1:48:A:ARG:H	8	0.8	0.47	0.7
(9,233)	1:44:A:GLU:HG3	1:48:A:ARG:H	8	0.8	0.47	0.7
(11,227)	1:44:A:GLU:HG3	1:48:A:ARG:H	8	0.8	0.47	0.7
(29,233)	1:44:A:GLU:HG3	1:48:A:ARG:H	8	0.8	0.47	0.7
(33,229)	1:44:A:GLU:HG3	1:48:A:ARG:H	8	0.8	0.47	0.7
(3,1271)	1:40:A:LEU:HA	1:40:A:LEU:HD21	8	0.78	0.19	0.86
(3,1271)	1:40:A:LEU:HA	1:40:A:LEU:HD22	8	0.78	0.19	0.86
(3,1271)	1:40:A:LEU:HA	1:40:A:LEU:HD23	8	0.78	0.19	0.86
(18,1975)	1:12:A:VAL:HG11	1:43:A:MET:HB2	8	0.78	0.47	0.9
(18,1975)	1:12:A:VAL:HG12	1:43:A:MET:HB2	8	0.78	0.47	0.9
(18,1975)	1:12:A:VAL:HG13	1:43:A:MET:HB2	8	0.78	0.47	0.9
(18,1975)	1:12:A:VAL:HG21	1:43:A:MET:HB2	8	0.78	0.47	0.9
(18,1975)	1:12:A:VAL:HG22	1:43:A:MET:HB2	8	0.78	0.47	0.9
(18,1975)	1:12:A:VAL:HG23	1:43:A:MET:HB2	8	0.78	0.47	0.9
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD11	8	0.78	0.62	0.46
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD12	8	0.78	0.62	0.46
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD13	8	0.78	0.62	0.46
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD21	8	0.78	0.62	0.46
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD22	8	0.78	0.62	0.46
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD23	8	0.78	0.62	0.46
(11,1241)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	8	0.78	0.65	0.58
(11,1241)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	8	0.78	0.65	0.58
(11,1241)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	8	0.78	0.65	0.58
(11,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	8	0.77	0.48	0.68
(11,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	8	0.77	0.48	0.68
(11,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	8	0.77	0.48	0.68
(11,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	8	0.77	0.48	0.68
(11,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	8	0.77	0.48	0.68
(11,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	8	0.77	0.48	0.68
(11,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	8	0.77	0.48	0.68
(11,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	8	0.77	0.48	0.68
(11,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	8	0.77	0.48	0.68
(11,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	8	0.77	0.48	0.68
(11,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	8	0.77	0.48	0.68
(11,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	8	0.77	0.48	0.68
(11,1755)	1:14:A:VAL:H	1:79:A:THR:HG21	8	0.77	0.81	0.49
(11,1755)	1:14:A:VAL:H	1:79:A:THR:HG22	8	0.77	0.81	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,1755)	1:14:A:VAL:H	1:79:A:THR:HG23	8	0.77	0.81	0.49
(16,1711)	1:14:A:VAL:H	1:79:A:THR:HG21	8	0.77	0.81	0.49
(16,1711)	1:14:A:VAL:H	1:79:A:THR:HG22	8	0.77	0.81	0.49
(16,1711)	1:14:A:VAL:H	1:79:A:THR:HG23	8	0.77	0.81	0.49
(32,1676)	1:14:A:VAL:H	1:79:A:THR:HG21	8	0.77	0.81	0.49
(32,1676)	1:14:A:VAL:H	1:79:A:THR:HG22	8	0.77	0.81	0.49
(32,1676)	1:14:A:VAL:H	1:79:A:THR:HG23	8	0.77	0.81	0.49
(32,1214)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	8	0.76	0.47	0.69
(32,1214)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	8	0.76	0.47	0.69
(32,1214)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	8	0.76	0.47	0.69
(32,1214)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	8	0.76	0.47	0.69
(32,1214)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	8	0.76	0.47	0.69
(32,1214)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	8	0.76	0.47	0.69
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	8	0.76	0.5	0.56
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	8	0.76	0.5	0.56
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	8	0.76	0.5	0.56
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	8	0.76	0.5	0.56
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	8	0.76	0.5	0.56
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	8	0.76	0.5	0.56
(17,2031)	1:17:A:ASN:HD21	1:113:A:PHE:HE1	8	0.74	0.47	0.55
(17,2031)	1:17:A:ASN:HD21	1:113:A:PHE:HE2	8	0.74	0.47	0.55
(17,2031)	1:17:A:ASN:HD22	1:113:A:PHE:HE1	8	0.74	0.47	0.55
(17,2031)	1:17:A:ASN:HD22	1:113:A:PHE:HE2	8	0.74	0.47	0.55
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	8	0.73	0.36	0.69
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	8	0.73	0.36	0.69
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	8	0.73	0.36	0.69
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	8	0.73	0.36	0.69
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	8	0.73	0.36	0.69
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	8	0.73	0.36	0.69
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	8	0.73	0.36	0.69
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	8	0.73	0.36	0.69
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	8	0.73	0.36	0.69
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	8	0.73	0.36	0.69
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	8	0.73	0.36	0.69
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	8	0.73	0.36	0.69
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	8	0.73	0.36	0.69
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	8	0.73	0.36	0.69
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	8	0.73	0.36	0.69
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	8	0.73	0.36	0.69
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	8	0.73	0.36	0.69
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	8	0.73	0.36	0.69
(6,1929)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	8	0.73	0.51	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,1929)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	8	0.73	0.51	0.66
(6,1929)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	8	0.73	0.51	0.66
(7,1883)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	8	0.73	0.51	0.66
(7,1883)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	8	0.73	0.51	0.66
(7,1883)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	8	0.73	0.51	0.66
(11,1939)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	8	0.73	0.51	0.66
(11,1939)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	8	0.73	0.51	0.66
(11,1939)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	8	0.73	0.51	0.66
(13,51)	1:47:A:ALA:H	1:134:A:VAL:HG21	8	0.73	0.27	0.7
(13,51)	1:47:A:ALA:H	1:134:A:VAL:HG22	8	0.73	0.27	0.7
(13,51)	1:47:A:ALA:H	1:134:A:VAL:HG23	8	0.73	0.27	0.7
(17,1935)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	8	0.73	0.51	0.66
(17,1935)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	8	0.73	0.51	0.66
(17,1935)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	8	0.73	0.51	0.66
(3,2170)	1:43:A:MET:HG2	1:144:A:LEU:HD21	8	0.72	0.53	0.55
(3,2170)	1:43:A:MET:HG2	1:144:A:LEU:HD22	8	0.72	0.53	0.55
(3,2170)	1:43:A:MET:HG2	1:144:A:LEU:HD23	8	0.72	0.53	0.55
(3,2170)	1:43:A:MET:HG3	1:144:A:LEU:HD21	8	0.72	0.53	0.55
(3,2170)	1:43:A:MET:HG3	1:144:A:LEU:HD22	8	0.72	0.53	0.55
(3,2170)	1:43:A:MET:HG3	1:144:A:LEU:HD23	8	0.72	0.53	0.55
(34,867)	1:39:A:VAL:H	1:139:A:LEU:HB2	8	0.71	0.37	0.58
(34,867)	1:39:A:VAL:H	1:139:A:LEU:HB3	8	0.71	0.37	0.58
(15,448)	1:76:A:ARG:H	1:77:A:CYS:HB2	8	0.71	0.63	0.34
(11,1996)	1:12:A:VAL:HG11	1:43:A:MET:H	8	0.7	0.43	0.92
(11,1996)	1:12:A:VAL:HG12	1:43:A:MET:H	8	0.7	0.43	0.92
(11,1996)	1:12:A:VAL:HG13	1:43:A:MET:H	8	0.7	0.43	0.92
(11,1996)	1:12:A:VAL:HG21	1:43:A:MET:H	8	0.7	0.43	0.92
(11,1996)	1:12:A:VAL:HG22	1:43:A:MET:H	8	0.7	0.43	0.92
(11,1996)	1:12:A:VAL:HG23	1:43:A:MET:H	8	0.7	0.43	0.92
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	8	0.7	0.5	0.51
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	8	0.7	0.5	0.51
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	8	0.7	0.5	0.51
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	8	0.7	0.5	0.51
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	8	0.7	0.5	0.51
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	8	0.7	0.5	0.51
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	8	0.7	0.5	0.51
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	8	0.7	0.5	0.51
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	8	0.7	0.5	0.51
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	8	0.7	0.5	0.51
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	8	0.7	0.5	0.51
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	8	0.7	0.5	0.51
(17,1493)	1:45:A:ALA:HB1	1:49:A:LYS:HE2	8	0.7	0.38	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,1493)	1:45:A:ALA:HB1	1:49:A:LYS:HE3	8	0.7	0.38	0.74
(17,1493)	1:45:A:ALA:HB2	1:49:A:LYS:HE2	8	0.7	0.38	0.74
(17,1493)	1:45:A:ALA:HB2	1:49:A:LYS:HE3	8	0.7	0.38	0.74
(17,1493)	1:45:A:ALA:HB3	1:49:A:LYS:HE2	8	0.7	0.38	0.74
(17,1493)	1:45:A:ALA:HB3	1:49:A:LYS:HE3	8	0.7	0.38	0.74
(29,1479)	1:45:A:ALA:HB1	1:49:A:LYS:HE2	8	0.7	0.38	0.74
(29,1479)	1:45:A:ALA:HB1	1:49:A:LYS:HE3	8	0.7	0.38	0.74
(29,1479)	1:45:A:ALA:HB2	1:49:A:LYS:HE2	8	0.7	0.38	0.74
(29,1479)	1:45:A:ALA:HB2	1:49:A:LYS:HE3	8	0.7	0.38	0.74
(29,1479)	1:45:A:ALA:HB3	1:49:A:LYS:HE2	8	0.7	0.38	0.74
(29,1479)	1:45:A:ALA:HB3	1:49:A:LYS:HE3	8	0.7	0.38	0.74
(18,1974)	1:12:A:VAL:HG11	1:43:A:MET:H	8	0.7	0.43	0.92
(18,1974)	1:12:A:VAL:HG12	1:43:A:MET:H	8	0.7	0.43	0.92
(18,1974)	1:12:A:VAL:HG13	1:43:A:MET:H	8	0.7	0.43	0.92
(18,1974)	1:12:A:VAL:HG21	1:43:A:MET:H	8	0.7	0.43	0.92
(18,1974)	1:12:A:VAL:HG22	1:43:A:MET:H	8	0.7	0.43	0.92
(18,1974)	1:12:A:VAL:HG23	1:43:A:MET:H	8	0.7	0.43	0.92
(13,1437)	1:13:A:ALA:HB1	1:80:A:TYR:HB2	8	0.69	0.35	0.67
(13,1437)	1:13:A:ALA:HB2	1:80:A:TYR:HB2	8	0.69	0.35	0.67
(13,1437)	1:13:A:ALA:HB3	1:80:A:TYR:HB2	8	0.69	0.35	0.67
(17,262)	1:39:A:VAL:H	1:139:A:LEU:HB2	8	0.69	0.37	0.56
(17,262)	1:39:A:VAL:H	1:139:A:LEU:HB3	8	0.69	0.37	0.56
(17,997)	1:12:A:VAL:HB	1:43:A:MET:HE1	8	0.69	0.4	0.7
(17,997)	1:12:A:VAL:HB	1:43:A:MET:HE2	8	0.69	0.4	0.7
(17,997)	1:12:A:VAL:HB	1:43:A:MET:HE3	8	0.69	0.4	0.7
(9,780)	1:11:A:ILE:HD11	1:52:A:CYS:HB2	8	0.68	0.34	0.6
(9,780)	1:11:A:ILE:HD11	1:52:A:CYS:HB3	8	0.68	0.34	0.6
(9,780)	1:11:A:ILE:HD12	1:52:A:CYS:HB2	8	0.68	0.34	0.6
(9,780)	1:11:A:ILE:HD12	1:52:A:CYS:HB3	8	0.68	0.34	0.6
(9,780)	1:11:A:ILE:HD13	1:52:A:CYS:HB2	8	0.68	0.34	0.6
(9,780)	1:11:A:ILE:HD13	1:52:A:CYS:HB3	8	0.68	0.34	0.6
(16,792)	1:11:A:ILE:HD11	1:52:A:CYS:HB2	8	0.68	0.34	0.6
(16,792)	1:11:A:ILE:HD11	1:52:A:CYS:HB3	8	0.68	0.34	0.6
(16,792)	1:11:A:ILE:HD12	1:52:A:CYS:HB2	8	0.68	0.34	0.6
(16,792)	1:11:A:ILE:HD12	1:52:A:CYS:HB3	8	0.68	0.34	0.6
(16,792)	1:11:A:ILE:HD13	1:52:A:CYS:HB2	8	0.68	0.34	0.6
(16,792)	1:11:A:ILE:HD13	1:52:A:CYS:HB3	8	0.68	0.34	0.6
(17,893)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	8	0.68	0.49	0.59
(17,893)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	8	0.68	0.49	0.59
(17,893)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	8	0.68	0.49	0.59
(6,1455)	1:15:A:ALA:HB1	1:132:A:ALA:HA	8	0.67	0.33	0.64
(6,1455)	1:15:A:ALA:HB2	1:132:A:ALA:HA	8	0.67	0.33	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,1455)	1:15:A:ALA:HB3	1:132:A:ALA:HA	8	0.67	0.33	0.64
(5,74)	1:28:A:GLY:HA2	1:30:A:LEU:H	8	0.67	0.39	0.52
(5,74)	1:28:A:GLY:HA3	1:30:A:LEU:H	8	0.67	0.39	0.52
(3,1895)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	8	0.67	0.4	0.46
(3,1895)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	8	0.67	0.4	0.46
(6,1872)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	8	0.67	0.4	0.46
(6,1872)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	8	0.67	0.4	0.46
(7,1838)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	8	0.67	0.4	0.46
(7,1838)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	8	0.67	0.4	0.46
(13,1826)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	8	0.67	0.4	0.46
(13,1826)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	8	0.67	0.4	0.46
(18,1851)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	8	0.67	0.4	0.46
(18,1851)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	8	0.67	0.4	0.46
(30,1868)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	8	0.67	0.4	0.46
(30,1868)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	8	0.67	0.4	0.46
(7,775)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	8	0.66	0.14	0.69
(7,775)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	8	0.66	0.14	0.69
(7,775)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	8	0.66	0.14	0.69
(2,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	8	0.66	0.31	0.55
(2,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	8	0.66	0.31	0.55
(2,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	8	0.66	0.31	0.55
(2,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	8	0.66	0.31	0.55
(2,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	8	0.66	0.31	0.55
(2,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	8	0.66	0.31	0.55
(4,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	8	0.66	0.31	0.55
(4,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	8	0.66	0.31	0.55
(4,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	8	0.66	0.31	0.55
(4,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	8	0.66	0.31	0.55
(4,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	8	0.66	0.31	0.55
(4,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	8	0.66	0.31	0.55
(6,815)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	8	0.66	0.31	0.55
(6,815)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	8	0.66	0.31	0.55
(6,815)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	8	0.66	0.31	0.55
(6,815)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	8	0.66	0.31	0.55
(6,815)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	8	0.66	0.31	0.55
(6,815)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	8	0.66	0.31	0.55
(7,810)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	8	0.66	0.31	0.55
(7,810)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	8	0.66	0.31	0.55
(7,810)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	8	0.66	0.31	0.55
(7,810)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	8	0.66	0.31	0.55
(7,810)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	8	0.66	0.31	0.55
(7,810)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	8	0.66	0.31	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,818)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	8	0.66	0.31	0.55
(11,818)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	8	0.66	0.31	0.55
(11,818)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	8	0.66	0.31	0.55
(11,818)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	8	0.66	0.31	0.55
(11,818)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	8	0.66	0.31	0.55
(11,818)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	8	0.66	0.31	0.55
(16,828)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	8	0.66	0.31	0.55
(16,828)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	8	0.66	0.31	0.55
(16,828)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	8	0.66	0.31	0.55
(16,828)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	8	0.66	0.31	0.55
(16,828)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	8	0.66	0.31	0.55
(16,828)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	8	0.66	0.31	0.55
(17,830)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	8	0.66	0.31	0.55
(17,830)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	8	0.66	0.31	0.55
(17,830)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	8	0.66	0.31	0.55
(17,830)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	8	0.66	0.31	0.55
(17,830)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	8	0.66	0.31	0.55
(17,830)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	8	0.66	0.31	0.55
(29,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	8	0.66	0.31	0.55
(29,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	8	0.66	0.31	0.55
(29,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	8	0.66	0.31	0.55
(29,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	8	0.66	0.31	0.55
(29,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	8	0.66	0.31	0.55
(29,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	8	0.66	0.31	0.55
(30,817)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	8	0.66	0.31	0.55
(30,817)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	8	0.66	0.31	0.55
(30,817)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	8	0.66	0.31	0.55
(30,817)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	8	0.66	0.31	0.55
(30,817)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	8	0.66	0.31	0.55
(30,817)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	8	0.66	0.31	0.55
(32,800)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	8	0.66	0.31	0.55
(32,800)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	8	0.66	0.31	0.55
(32,800)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	8	0.66	0.31	0.55
(32,800)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	8	0.66	0.31	0.55
(32,800)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	8	0.66	0.31	0.55
(32,800)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	8	0.66	0.31	0.55
(33,823)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	8	0.66	0.31	0.55
(33,823)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	8	0.66	0.31	0.55
(33,823)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	8	0.66	0.31	0.55
(33,823)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	8	0.66	0.31	0.55
(33,823)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	8	0.66	0.31	0.55
(33,823)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	8	0.66	0.31	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,985)	1:14:A:VAL:HB	1:15:A:ALA:HB1	8	0.66	0.32	0.76
(16,985)	1:14:A:VAL:HB	1:15:A:ALA:HB2	8	0.66	0.32	0.76
(16,985)	1:14:A:VAL:HB	1:15:A:ALA:HB3	8	0.66	0.32	0.76
(9,1338)	1:105:A:LYS:HG3	1:106:A:ASP:HA	8	0.66	0.43	0.74
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	8	0.65	0.38	0.48
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	8	0.65	0.38	0.48
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	8	0.65	0.38	0.48
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	8	0.65	0.38	0.48
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	8	0.65	0.38	0.48
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	8	0.65	0.38	0.48
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	8	0.65	0.38	0.48
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	8	0.65	0.38	0.48
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	8	0.65	0.38	0.48
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	8	0.65	0.38	0.48
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	8	0.65	0.38	0.48
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	8	0.65	0.38	0.48
(30,314)	1:43:A:MET:H	1:140:A:LEU:HD11	8	0.65	0.54	0.42
(30,314)	1:43:A:MET:H	1:140:A:LEU:HD12	8	0.65	0.54	0.42
(30,314)	1:43:A:MET:H	1:140:A:LEU:HD13	8	0.65	0.54	0.42
(3,255)	1:27:A:ARG:HA	1:29:A:LYS:H	8	0.64	0.15	0.68
(7,258)	1:27:A:ARG:HA	1:29:A:LYS:H	8	0.64	0.15	0.68
(16,262)	1:27:A:ARG:HA	1:29:A:LYS:H	8	0.64	0.15	0.68
(29,257)	1:27:A:ARG:HA	1:29:A:LYS:H	8	0.64	0.15	0.68
(32,249)	1:27:A:ARG:HA	1:29:A:LYS:H	8	0.64	0.15	0.68
(33,254)	1:27:A:ARG:HA	1:29:A:LYS:H	8	0.64	0.15	0.68
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD11	8	0.64	0.38	0.49
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD12	8	0.64	0.38	0.49
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD13	8	0.64	0.38	0.49
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD21	8	0.64	0.38	0.49
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD22	8	0.64	0.38	0.49
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD23	8	0.64	0.38	0.49
(1,1014)	1:63:A:ILE:HA	1:64:A:LYS:HD2	8	0.64	0.22	0.64
(1,1014)	1:63:A:ILE:HA	1:64:A:LYS:HD3	8	0.64	0.22	0.64
(3,1008)	1:63:A:ILE:HA	1:64:A:LYS:HD2	8	0.64	0.22	0.64
(3,1008)	1:63:A:ILE:HA	1:64:A:LYS:HD3	8	0.64	0.22	0.64
(5,992)	1:63:A:ILE:HA	1:64:A:LYS:HD2	8	0.64	0.22	0.64
(5,992)	1:63:A:ILE:HA	1:64:A:LYS:HD3	8	0.64	0.22	0.64
(6,976)	1:63:A:ILE:HA	1:64:A:LYS:HD2	8	0.64	0.22	0.64
(6,976)	1:63:A:ILE:HA	1:64:A:LYS:HD3	8	0.64	0.22	0.64
(9,990)	1:63:A:ILE:HA	1:64:A:LYS:HD2	8	0.64	0.22	0.64
(9,990)	1:63:A:ILE:HA	1:64:A:LYS:HD3	8	0.64	0.22	0.64
(13,973)	1:63:A:ILE:HA	1:64:A:LYS:HD2	8	0.64	0.22	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,973)	1:63:A:ILE:HA	1:64:A:LYS:HD3	8	0.64	0.22	0.64
(18,1002)	1:63:A:ILE:HA	1:64:A:LYS:HD2	8	0.64	0.22	0.64
(18,1002)	1:63:A:ILE:HA	1:64:A:LYS:HD3	8	0.64	0.22	0.64
(29,1004)	1:63:A:ILE:HA	1:64:A:LYS:HD2	8	0.64	0.22	0.64
(29,1004)	1:63:A:ILE:HA	1:64:A:LYS:HD3	8	0.64	0.22	0.64
(34,1017)	1:63:A:ILE:HA	1:64:A:LYS:HD2	8	0.64	0.22	0.64
(34,1017)	1:63:A:ILE:HA	1:64:A:LYS:HD3	8	0.64	0.22	0.64
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG11	8	0.63	0.26	0.66
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG12	8	0.63	0.26	0.66
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG13	8	0.63	0.26	0.66
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG21	8	0.63	0.26	0.66
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG22	8	0.63	0.26	0.66
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG23	8	0.63	0.26	0.66
(3,857)	1:48:A:ARG:HD2	1:49:A:LYS:H	8	0.63	0.22	0.68
(3,857)	1:48:A:ARG:HD3	1:49:A:LYS:H	8	0.63	0.22	0.68
(4,837)	1:48:A:ARG:HD2	1:49:A:LYS:H	8	0.63	0.22	0.68
(4,837)	1:48:A:ARG:HD3	1:49:A:LYS:H	8	0.63	0.22	0.68
(6,832)	1:48:A:ARG:HD2	1:49:A:LYS:H	8	0.63	0.22	0.68
(6,832)	1:48:A:ARG:HD3	1:49:A:LYS:H	8	0.63	0.22	0.68
(17,849)	1:48:A:ARG:HD2	1:49:A:LYS:H	8	0.63	0.22	0.68
(17,849)	1:48:A:ARG:HD3	1:49:A:LYS:H	8	0.63	0.22	0.68
(33,846)	1:48:A:ARG:HD2	1:49:A:LYS:H	8	0.63	0.22	0.68
(33,846)	1:48:A:ARG:HD3	1:49:A:LYS:H	8	0.63	0.22	0.68
(2,1163)	1:136:A:CYS:HA	1:140:A:LEU:HD21	8	0.62	0.57	0.4
(2,1163)	1:136:A:CYS:HA	1:140:A:LEU:HD22	8	0.62	0.57	0.4
(2,1163)	1:136:A:CYS:HA	1:140:A:LEU:HD23	8	0.62	0.57	0.4
(4,1151)	1:136:A:CYS:HA	1:140:A:LEU:HD21	8	0.62	0.57	0.4
(4,1151)	1:136:A:CYS:HA	1:140:A:LEU:HD22	8	0.62	0.57	0.4
(4,1151)	1:136:A:CYS:HA	1:140:A:LEU:HD23	8	0.62	0.57	0.4
(34,958)	1:69:A:MET:HG2	1:109:A:PRO:HA	8	0.62	0.26	0.78
(6,1870)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	8	0.61	0.36	0.7
(6,1870)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	8	0.61	0.36	0.7
(7,1836)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	8	0.61	0.36	0.7
(7,1836)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	8	0.61	0.36	0.7
(9,1857)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	8	0.61	0.36	0.7
(9,1857)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	8	0.61	0.36	0.7
(29,1252)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	8	0.61	0.26	0.58
(29,1252)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	8	0.61	0.26	0.58
(29,1252)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	8	0.61	0.26	0.58
(34,1875)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	8	0.61	0.36	0.7
(34,1875)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	8	0.61	0.36	0.7
(30,985)	1:12:A:VAL:HB	1:43:A:MET:HE1	8	0.61	0.4	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,985)	1:12:A:VAL:HB	1:43:A:MET:HE2	8	0.61	0.4	0.62
(30,985)	1:12:A:VAL:HB	1:43:A:MET:HE3	8	0.61	0.4	0.62
(29,727)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	8	0.6	0.51	0.4
(29,727)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	8	0.6	0.51	0.4
(29,727)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	8	0.6	0.51	0.4
(3,1391)	1:39:A:VAL:HG11	1:144:A:LEU:H	8	0.6	0.25	0.52
(3,1391)	1:39:A:VAL:HG12	1:144:A:LEU:H	8	0.6	0.25	0.52
(3,1391)	1:39:A:VAL:HG13	1:144:A:LEU:H	8	0.6	0.25	0.52
(5,1381)	1:39:A:VAL:HG11	1:144:A:LEU:H	8	0.6	0.25	0.52
(5,1381)	1:39:A:VAL:HG12	1:144:A:LEU:H	8	0.6	0.25	0.52
(5,1381)	1:39:A:VAL:HG13	1:144:A:LEU:H	8	0.6	0.25	0.52
(7,1348)	1:39:A:VAL:HG11	1:144:A:LEU:H	8	0.6	0.25	0.52
(7,1348)	1:39:A:VAL:HG12	1:144:A:LEU:H	8	0.6	0.25	0.52
(7,1348)	1:39:A:VAL:HG13	1:144:A:LEU:H	8	0.6	0.25	0.52
(11,1384)	1:39:A:VAL:HG11	1:144:A:LEU:H	8	0.6	0.25	0.52
(11,1384)	1:39:A:VAL:HG12	1:144:A:LEU:H	8	0.6	0.25	0.52
(11,1384)	1:39:A:VAL:HG13	1:144:A:LEU:H	8	0.6	0.25	0.52
(16,1367)	1:39:A:VAL:HG11	1:144:A:LEU:H	8	0.6	0.25	0.52
(16,1367)	1:39:A:VAL:HG12	1:144:A:LEU:H	8	0.6	0.25	0.52
(16,1367)	1:39:A:VAL:HG13	1:144:A:LEU:H	8	0.6	0.25	0.52
(17,1379)	1:39:A:VAL:HG11	1:144:A:LEU:H	8	0.6	0.25	0.52
(17,1379)	1:39:A:VAL:HG12	1:144:A:LEU:H	8	0.6	0.25	0.52
(17,1379)	1:39:A:VAL:HG13	1:144:A:LEU:H	8	0.6	0.25	0.52
(29,1369)	1:39:A:VAL:HG11	1:144:A:LEU:H	8	0.6	0.25	0.52
(29,1369)	1:39:A:VAL:HG12	1:144:A:LEU:H	8	0.6	0.25	0.52
(29,1369)	1:39:A:VAL:HG13	1:144:A:LEU:H	8	0.6	0.25	0.52
(30,1359)	1:39:A:VAL:HG11	1:144:A:LEU:H	8	0.6	0.25	0.52
(30,1359)	1:39:A:VAL:HG12	1:144:A:LEU:H	8	0.6	0.25	0.52
(30,1359)	1:39:A:VAL:HG13	1:144:A:LEU:H	8	0.6	0.25	0.52
(4,1379)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	8	0.6	0.25	0.53
(4,1379)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	8	0.6	0.25	0.53
(4,1379)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	8	0.6	0.25	0.53
(4,1721)	1:31:A:PRO:HB2	1:35:A:LEU:HA	8	0.59	0.43	0.5
(4,1721)	1:31:A:PRO:HB3	1:35:A:LEU:HA	8	0.59	0.43	0.5
(7,1706)	1:31:A:PRO:HB2	1:35:A:LEU:HA	8	0.59	0.43	0.5
(7,1706)	1:31:A:PRO:HB3	1:35:A:LEU:HA	8	0.59	0.43	0.5
(33,1733)	1:31:A:PRO:HB2	1:35:A:LEU:HA	8	0.59	0.43	0.5
(33,1733)	1:31:A:PRO:HB3	1:35:A:LEU:HA	8	0.59	0.43	0.5
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD11	8	0.59	0.31	0.52
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD12	8	0.59	0.31	0.52
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD13	8	0.59	0.31	0.52
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD21	8	0.59	0.31	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD22	8	0.59	0.31	0.52
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD23	8	0.59	0.31	0.52
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD11	8	0.59	0.31	0.52
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD12	8	0.59	0.31	0.52
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD13	8	0.59	0.31	0.52
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD21	8	0.59	0.31	0.52
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD22	8	0.59	0.31	0.52
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD23	8	0.59	0.31	0.52
(9,744)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	8	0.58	0.17	0.63
(9,744)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	8	0.58	0.17	0.63
(9,744)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	8	0.58	0.17	0.63
(11,747)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	8	0.58	0.17	0.63
(11,747)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	8	0.58	0.17	0.63
(11,747)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	8	0.58	0.17	0.63
(13,732)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	8	0.58	0.17	0.63
(13,732)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	8	0.58	0.17	0.63
(13,732)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	8	0.58	0.17	0.63
(15,750)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	8	0.58	0.17	0.63
(15,750)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	8	0.58	0.17	0.63
(15,750)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	8	0.58	0.17	0.63
(16,758)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	8	0.58	0.17	0.63
(16,758)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	8	0.58	0.17	0.63
(16,758)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	8	0.58	0.17	0.63
(29,761)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	8	0.58	0.17	0.63
(29,761)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	8	0.58	0.17	0.63
(29,761)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	8	0.58	0.17	0.63
(32,732)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	8	0.58	0.17	0.63
(32,732)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	8	0.58	0.17	0.63
(32,732)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	8	0.58	0.17	0.63
(33,748)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	8	0.58	0.17	0.63
(33,748)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	8	0.58	0.17	0.63
(33,748)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	8	0.58	0.17	0.63
(34,754)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	8	0.58	0.17	0.63
(34,754)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	8	0.58	0.17	0.63
(34,754)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	8	0.58	0.17	0.63
(9,921)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	8	0.58	0.29	0.6
(9,921)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	8	0.58	0.29	0.6
(9,921)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	8	0.58	0.29	0.6
(9,921)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	8	0.58	0.29	0.6
(3,7)	1:39:A:VAL:HG11	1:143:A:TRP:HE1	8	0.58	0.28	0.54
(3,7)	1:39:A:VAL:HG12	1:143:A:TRP:HE1	8	0.58	0.28	0.54
(3,7)	1:39:A:VAL:HG13	1:143:A:TRP:HE1	8	0.58	0.28	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,952)	1:43:A:MET:HB2	1:140:A:LEU:HD11	8	0.58	0.35	0.46
(7,952)	1:43:A:MET:HB2	1:140:A:LEU:HD12	8	0.58	0.35	0.46
(7,952)	1:43:A:MET:HB2	1:140:A:LEU:HD13	8	0.58	0.35	0.46
(1,939)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	8	0.57	0.25	0.5
(1,939)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	8	0.57	0.25	0.5
(1,939)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	8	0.57	0.25	0.5
(2,1401)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	8	0.57	0.25	0.5
(2,1401)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	8	0.57	0.25	0.5
(2,1401)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	8	0.57	0.25	0.5
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG11	8	0.56	0.38	0.42
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG12	8	0.56	0.38	0.42
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG13	8	0.56	0.38	0.42
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG21	8	0.56	0.38	0.42
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG22	8	0.56	0.38	0.42
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG23	8	0.56	0.38	0.42
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG11	8	0.56	0.38	0.42
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG12	8	0.56	0.38	0.42
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG13	8	0.56	0.38	0.42
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG21	8	0.56	0.38	0.42
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG22	8	0.56	0.38	0.42
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG23	8	0.56	0.38	0.42
(17,929)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	8	0.55	0.29	0.57
(17,929)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	8	0.55	0.29	0.57
(17,929)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	8	0.55	0.29	0.57
(17,929)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	8	0.55	0.29	0.57
(16,1051)	1:11:A:ILE:HG12	1:43:A:MET:HB3	8	0.55	0.27	0.63
(13,1831)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	8	0.55	0.5	0.34
(13,1831)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	8	0.55	0.5	0.34
(13,1831)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	8	0.55	0.5	0.34
(13,1831)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	8	0.55	0.5	0.34
(13,1831)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	8	0.55	0.5	0.34
(13,1831)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	8	0.55	0.5	0.34
(7,903)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	8	0.55	0.25	0.48
(7,903)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	8	0.55	0.25	0.48
(7,903)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	8	0.55	0.25	0.48
(15,912)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	8	0.55	0.25	0.48
(15,912)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	8	0.55	0.25	0.48
(15,912)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	8	0.55	0.25	0.48
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	8	0.55	0.45	0.35
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	8	0.55	0.45	0.35
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	8	0.55	0.45	0.35
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	8	0.55	0.45	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	8	0.55	0.45	0.35
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	8	0.55	0.45	0.35
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	8	0.55	0.45	0.35
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	8	0.55	0.45	0.35
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	8	0.55	0.45	0.35
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	8	0.55	0.45	0.35
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	8	0.55	0.45	0.35
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	8	0.55	0.45	0.35
(1,1019)	1:98:A:ILE:HB	1:105:A:LYS:HB2	8	0.54	0.25	0.51
(1,1019)	1:98:A:ILE:HB	1:105:A:LYS:HB3	8	0.54	0.25	0.51
(3,1015)	1:98:A:ILE:HB	1:105:A:LYS:HB2	8	0.54	0.25	0.51
(3,1015)	1:98:A:ILE:HB	1:105:A:LYS:HB3	8	0.54	0.25	0.51
(5,273)	1:113:A:PHE:H	1:116:A:GLN:HG3	8	0.54	0.25	0.61
(5,1001)	1:98:A:ILE:HB	1:105:A:LYS:HB2	8	0.54	0.25	0.51
(5,1001)	1:98:A:ILE:HB	1:105:A:LYS:HB3	8	0.54	0.25	0.51
(7,983)	1:98:A:ILE:HB	1:105:A:LYS:HB2	8	0.54	0.25	0.51
(7,983)	1:98:A:ILE:HB	1:105:A:LYS:HB3	8	0.54	0.25	0.51
(9,286)	1:113:A:PHE:H	1:116:A:GLN:HG3	8	0.54	0.25	0.61
(11,280)	1:113:A:PHE:H	1:116:A:GLN:HG3	8	0.54	0.25	0.61
(17,276)	1:113:A:PHE:H	1:116:A:GLN:HG3	8	0.54	0.25	0.61
(17,1004)	1:98:A:ILE:HB	1:105:A:LYS:HB2	8	0.54	0.25	0.51
(17,1004)	1:98:A:ILE:HB	1:105:A:LYS:HB3	8	0.54	0.25	0.51
(18,1010)	1:98:A:ILE:HB	1:105:A:LYS:HB2	8	0.54	0.25	0.51
(18,1010)	1:98:A:ILE:HB	1:105:A:LYS:HB3	8	0.54	0.25	0.51
(29,279)	1:113:A:PHE:H	1:116:A:GLN:HG3	8	0.54	0.25	0.61
(33,1003)	1:98:A:ILE:HB	1:105:A:LYS:HB2	8	0.54	0.25	0.51
(33,1003)	1:98:A:ILE:HB	1:105:A:LYS:HB3	8	0.54	0.25	0.51
(34,1772)	1:141:A:LYS:HA	1:144:A:LEU:HD21	8	0.54	0.34	0.46
(34,1772)	1:141:A:LYS:HA	1:144:A:LEU:HD22	8	0.54	0.34	0.46
(34,1772)	1:141:A:LYS:HA	1:144:A:LEU:HD23	8	0.54	0.34	0.46
(3,1942)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	8	0.54	0.34	0.32
(3,1942)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	8	0.54	0.34	0.32
(4,1891)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	8	0.54	0.34	0.32
(4,1891)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	8	0.54	0.34	0.32
(6,1925)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	8	0.54	0.34	0.32
(17,1931)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	8	0.54	0.34	0.32
(17,1931)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	8	0.54	0.34	0.32
(33,1916)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	8	0.54	0.34	0.32
(33,1916)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	8	0.54	0.34	0.32
(34,1923)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	8	0.54	0.34	0.32
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG11	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG12	8	0.54	0.31	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG13	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG21	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG22	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG23	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG11	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG12	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG13	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG21	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG22	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG23	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG11	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG12	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG13	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG21	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG22	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG23	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG11	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG12	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG13	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG21	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG22	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG23	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG11	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG12	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG13	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG21	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG22	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG23	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG11	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG12	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG13	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG21	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG22	8	0.54	0.31	0.44
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG23	8	0.54	0.31	0.44
(2,2260)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	8	0.53	0.54	0.18
(2,2260)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	8	0.53	0.54	0.18
(5,2232)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	8	0.53	0.54	0.18
(5,2232)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	8	0.53	0.54	0.18
(11,2243)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	8	0.53	0.54	0.18
(11,2243)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	8	0.53	0.54	0.18
(13,2206)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	8	0.53	0.54	0.18
(13,2206)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	8	0.53	0.54	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,2218)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	8	0.53	0.54	0.18
(15,2218)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	8	0.53	0.54	0.18
(30,2240)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	8	0.53	0.54	0.18
(30,2240)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	8	0.53	0.54	0.18
(32,2234)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	8	0.53	0.54	0.18
(32,2234)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	8	0.53	0.54	0.18
(13,2241)	1:75:A:GLY:H	1:77:A:CYS:HB2	8	0.52	0.38	0.34
(13,2241)	1:75:A:GLY:H	1:77:A:CYS:HB3	8	0.52	0.38	0.34
(30,2276)	1:75:A:GLY:H	1:77:A:CYS:HB2	8	0.52	0.38	0.34
(30,2276)	1:75:A:GLY:H	1:77:A:CYS:HB3	8	0.52	0.38	0.34
(1,978)	1:66:A:THR:H	1:96:A:VAL:HB	8	0.52	0.48	0.3
(6,946)	1:66:A:THR:H	1:96:A:VAL:HB	8	0.52	0.48	0.3
(1,857)	1:48:A:ARG:HD2	1:49:A:LYS:H	8	0.52	0.22	0.57
(1,857)	1:48:A:ARG:HD3	1:49:A:LYS:H	8	0.52	0.22	0.57
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD11	8	0.52	0.27	0.45
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD12	8	0.52	0.27	0.45
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD13	8	0.52	0.27	0.45
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD21	8	0.52	0.27	0.45
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD22	8	0.52	0.27	0.45
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD23	8	0.52	0.27	0.45
(6,1543)	1:46:A:ASN:HB2	1:134:A:VAL:H	8	0.52	0.17	0.54
(16,1544)	1:46:A:ASN:HB2	1:134:A:VAL:H	8	0.52	0.17	0.54
(3,1276)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	8	0.52	0.32	0.42
(3,1276)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	8	0.52	0.32	0.42
(3,1276)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	8	0.52	0.32	0.42
(3,1276)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	8	0.52	0.32	0.42
(3,1276)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	8	0.52	0.32	0.42
(3,1276)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	8	0.52	0.32	0.42
(3,1276)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	8	0.52	0.32	0.42
(3,1276)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	8	0.52	0.32	0.42
(3,1276)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	8	0.52	0.32	0.42
(6,609)	1:14:A:VAL:HB	1:16:A:SER:H	8	0.52	0.22	0.62
(7,1971)	1:18:A:PHE:HB2	1:132:A:ALA:HA	8	0.5	0.35	0.38
(7,1971)	1:18:A:PHE:HB3	1:132:A:ALA:HA	8	0.5	0.35	0.38
(3,1685)	1:134:A:VAL:HG21	1:137:A:SER:H	8	0.5	0.35	0.38
(3,1685)	1:134:A:VAL:HG22	1:137:A:SER:H	8	0.5	0.35	0.38
(3,1685)	1:134:A:VAL:HG23	1:137:A:SER:H	8	0.5	0.35	0.38
(29,1663)	1:134:A:VAL:HG21	1:137:A:SER:H	8	0.5	0.35	0.38
(29,1663)	1:134:A:VAL:HG22	1:137:A:SER:H	8	0.5	0.35	0.38
(29,1663)	1:134:A:VAL:HG23	1:137:A:SER:H	8	0.5	0.35	0.38
(30,1646)	1:134:A:VAL:HG21	1:137:A:SER:H	8	0.5	0.35	0.38
(30,1646)	1:134:A:VAL:HG22	1:137:A:SER:H	8	0.5	0.35	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,1646)	1:134:A:VAL:HG23	1:137:A:SER:H	8	0.5	0.35	0.38
(34,942)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	8	0.49	0.29	0.52
(34,942)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	8	0.49	0.29	0.52
(34,942)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	8	0.49	0.29	0.52
(34,942)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	8	0.49	0.29	0.52
(9,1398)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	8	0.49	0.21	0.54
(9,1398)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	8	0.49	0.21	0.54
(9,1398)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	8	0.49	0.21	0.54
(9,1238)	1:39:A:VAL:H	1:139:A:LEU:HD21	8	0.49	0.47	0.36
(9,1238)	1:39:A:VAL:H	1:139:A:LEU:HD22	8	0.49	0.47	0.36
(9,1238)	1:39:A:VAL:H	1:139:A:LEU:HD23	8	0.49	0.47	0.36
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD11	8	0.49	0.24	0.41
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD12	8	0.49	0.24	0.41
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD13	8	0.49	0.24	0.41
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD21	8	0.49	0.24	0.41
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD22	8	0.49	0.24	0.41
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD23	8	0.49	0.24	0.41
(2,1362)	1:39:A:VAL:HG11	1:143:A:TRP:H	8	0.49	0.3	0.5
(2,1362)	1:39:A:VAL:HG12	1:143:A:TRP:H	8	0.49	0.3	0.5
(2,1362)	1:39:A:VAL:HG13	1:143:A:TRP:H	8	0.49	0.3	0.5
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD11	8	0.48	0.26	0.38
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD12	8	0.48	0.26	0.38
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD13	8	0.48	0.26	0.38
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD21	8	0.48	0.26	0.38
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD22	8	0.48	0.26	0.38
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD23	8	0.48	0.26	0.38
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD11	8	0.48	0.26	0.38
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD12	8	0.48	0.26	0.38
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD13	8	0.48	0.26	0.38
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD21	8	0.48	0.26	0.38
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD22	8	0.48	0.26	0.38
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD23	8	0.48	0.26	0.38
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD11	8	0.48	0.26	0.38
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD12	8	0.48	0.26	0.38
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD13	8	0.48	0.26	0.38
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD21	8	0.48	0.26	0.38
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD22	8	0.48	0.26	0.38
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD23	8	0.48	0.26	0.38
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD11	8	0.48	0.26	0.38
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD12	8	0.48	0.26	0.38
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD13	8	0.48	0.26	0.38
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD21	8	0.48	0.26	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD22	8	0.48	0.26	0.38
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD23	8	0.48	0.26	0.38
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	8	0.47	0.33	0.37
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	8	0.47	0.33	0.37
(3,715)	1:23:A:LEU:HD21	1:27:A:ARG:HE	8	0.47	0.28	0.42
(3,715)	1:23:A:LEU:HD22	1:27:A:ARG:HE	8	0.47	0.28	0.42
(3,715)	1:23:A:LEU:HD23	1:27:A:ARG:HE	8	0.47	0.28	0.42
(18,720)	1:23:A:LEU:HD21	1:27:A:ARG:HE	8	0.47	0.28	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,720)	1:23:A:LEU:HD22	1:27:A:ARG:HE	8	0.47	0.28	0.42
(18,720)	1:23:A:LEU:HD23	1:27:A:ARG:HE	8	0.47	0.28	0.42
(32,1911)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	8	0.46	0.32	0.3
(32,1911)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	8	0.46	0.32	0.3
(32,1911)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	8	0.46	0.32	0.3
(32,1911)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	8	0.46	0.32	0.3
(1,837)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	8	0.46	0.25	0.35
(1,837)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	8	0.46	0.25	0.35
(1,837)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	8	0.46	0.25	0.35
(1,837)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	8	0.46	0.25	0.35
(1,837)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	8	0.46	0.25	0.35
(1,837)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	8	0.46	0.25	0.35
(1,837)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	8	0.46	0.25	0.35
(1,837)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	8	0.46	0.25	0.35
(1,837)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	8	0.46	0.25	0.35
(3,836)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	8	0.46	0.25	0.35
(3,836)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	8	0.46	0.25	0.35
(3,836)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	8	0.46	0.25	0.35
(3,836)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	8	0.46	0.25	0.35
(3,836)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	8	0.46	0.25	0.35
(3,836)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	8	0.46	0.25	0.35
(3,836)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	8	0.46	0.25	0.35
(3,836)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	8	0.46	0.25	0.35
(3,836)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	8	0.46	0.25	0.35
(15,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	8	0.46	0.25	0.35
(15,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	8	0.46	0.25	0.35
(15,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	8	0.46	0.25	0.35
(15,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	8	0.46	0.25	0.35
(15,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	8	0.46	0.25	0.35
(15,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	8	0.46	0.25	0.35
(15,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	8	0.46	0.25	0.35
(15,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	8	0.46	0.25	0.35
(15,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	8	0.46	0.25	0.35
(5,859)	1:39:A:VAL:H	1:139:A:LEU:HB2	8	0.46	0.37	0.33
(5,859)	1:39:A:VAL:H	1:139:A:LEU:HB3	8	0.46	0.37	0.33
(33,867)	1:39:A:VAL:H	1:139:A:LEU:HB2	8	0.46	0.37	0.33
(33,867)	1:39:A:VAL:H	1:139:A:LEU:HB3	8	0.46	0.37	0.33
(2,1470)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	8	0.45	0.22	0.43
(2,1470)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	8	0.45	0.22	0.43
(2,1470)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	8	0.45	0.22	0.43
(7,2319)	1:107:A:LEU:HD11	1:112:A:GLN:HA	8	0.45	0.21	0.42
(7,2319)	1:107:A:LEU:HD12	1:112:A:GLN:HA	8	0.45	0.21	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,2319)	1:107:A:LEU:HD13	1:112:A:GLN:HA	8	0.45	0.21	0.42
(7,2319)	1:107:A:LEU:HD21	1:112:A:GLN:HA	8	0.45	0.21	0.42
(7,2319)	1:107:A:LEU:HD22	1:112:A:GLN:HA	8	0.45	0.21	0.42
(7,2319)	1:107:A:LEU:HD23	1:112:A:GLN:HA	8	0.45	0.21	0.42
(1,82)	1:23:A:LEU:H	1:26:A:ASP:HB2	8	0.45	0.17	0.41
(1,82)	1:23:A:LEU:H	1:26:A:ASP:HB3	8	0.45	0.17	0.41
(7,1710)	1:39:A:VAL:HA	1:140:A:LEU:HD11	8	0.45	0.34	0.34
(7,1710)	1:39:A:VAL:HA	1:140:A:LEU:HD12	8	0.45	0.34	0.34
(7,1710)	1:39:A:VAL:HA	1:140:A:LEU:HD13	8	0.45	0.34	0.34
(9,1740)	1:39:A:VAL:HA	1:140:A:LEU:HD11	8	0.45	0.34	0.34
(9,1740)	1:39:A:VAL:HA	1:140:A:LEU:HD12	8	0.45	0.34	0.34
(9,1740)	1:39:A:VAL:HA	1:140:A:LEU:HD13	8	0.45	0.34	0.34
(15,2465)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	8	0.45	0.29	0.32
(15,2465)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	8	0.45	0.29	0.32
(15,2465)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	8	0.45	0.29	0.32
(15,2465)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	8	0.45	0.29	0.32
(15,2465)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	8	0.45	0.29	0.32
(15,2465)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	8	0.45	0.29	0.32
(16,1738)	1:39:A:VAL:HA	1:140:A:LEU:HD11	8	0.45	0.34	0.34
(16,1738)	1:39:A:VAL:HA	1:140:A:LEU:HD12	8	0.45	0.34	0.34
(16,1738)	1:39:A:VAL:HA	1:140:A:LEU:HD13	8	0.45	0.34	0.34
(18,2448)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	8	0.45	0.29	0.32
(18,2448)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	8	0.45	0.29	0.32
(18,2448)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	8	0.45	0.29	0.32
(18,2448)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	8	0.45	0.29	0.32
(18,2448)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	8	0.45	0.29	0.32
(18,2448)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	8	0.45	0.29	0.32
(32,2468)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	8	0.45	0.29	0.32
(32,2468)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	8	0.45	0.29	0.32
(32,2468)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	8	0.45	0.29	0.32
(32,2468)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	8	0.45	0.29	0.32
(32,2468)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	8	0.45	0.29	0.32
(32,2468)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	8	0.45	0.29	0.32
(33,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD11	8	0.45	0.34	0.34
(33,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD12	8	0.45	0.34	0.34
(33,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD13	8	0.45	0.34	0.34
(13,773)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	8	0.45	0.17	0.44
(13,773)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	8	0.45	0.17	0.44
(13,773)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	8	0.45	0.17	0.44
(13,773)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	8	0.45	0.17	0.44
(13,773)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	8	0.45	0.17	0.44
(13,773)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	8	0.45	0.17	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,940)	1:40:A:LEU:HA	1:43:A:MET:HG2	8	0.44	0.33	0.36
(3,969)	1:40:A:LEU:HA	1:43:A:MET:HG2	8	0.44	0.33	0.36
(30,946)	1:40:A:LEU:HA	1:43:A:MET:HG2	8	0.44	0.33	0.36
(34,955)	1:60:A:LEU:HB3	1:117:A:VAL:HA	8	0.44	0.24	0.36
(13,702)	1:9:A:PHE:HD1	1:54:A:ARG:HE	8	0.44	0.17	0.42
(13,702)	1:9:A:PHE:HD2	1:54:A:ARG:HE	8	0.44	0.17	0.42
(32,929)	1:66:A:THR:H	1:96:A:VAL:HB	8	0.44	0.48	0.22
(5,1985)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	8	0.44	0.3	0.32
(5,1985)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	8	0.44	0.3	0.32
(5,1985)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	8	0.44	0.3	0.32
(5,1985)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	8	0.44	0.3	0.32
(5,1985)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	8	0.44	0.3	0.32
(5,1985)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	8	0.44	0.3	0.32
(16,1813)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	8	0.44	0.27	0.42
(16,1813)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	8	0.44	0.27	0.42
(16,1813)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	8	0.44	0.27	0.42
(16,1813)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	8	0.44	0.27	0.42
(16,1813)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	8	0.44	0.27	0.42
(16,1813)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	8	0.44	0.27	0.42
(1,809)	1:63:A:ILE:HD11	1:117:A:VAL:HB	8	0.43	0.25	0.44
(1,809)	1:63:A:ILE:HD12	1:117:A:VAL:HB	8	0.43	0.25	0.44
(1,809)	1:63:A:ILE:HD13	1:117:A:VAL:HB	8	0.43	0.25	0.44
(4,788)	1:63:A:ILE:HD11	1:117:A:VAL:HB	8	0.43	0.25	0.44
(4,788)	1:63:A:ILE:HD12	1:117:A:VAL:HB	8	0.43	0.25	0.44
(4,788)	1:63:A:ILE:HD13	1:117:A:VAL:HB	8	0.43	0.25	0.44
(32,773)	1:63:A:ILE:HD11	1:117:A:VAL:HB	8	0.43	0.25	0.44
(32,773)	1:63:A:ILE:HD12	1:117:A:VAL:HB	8	0.43	0.25	0.44
(32,773)	1:63:A:ILE:HD13	1:117:A:VAL:HB	8	0.43	0.25	0.44
(34,801)	1:63:A:ILE:HD11	1:117:A:VAL:HB	8	0.43	0.25	0.44
(34,801)	1:63:A:ILE:HD12	1:117:A:VAL:HB	8	0.43	0.25	0.44
(34,801)	1:63:A:ILE:HD13	1:117:A:VAL:HB	8	0.43	0.25	0.44
(3,1690)	1:69:A:MET:HE1	1:116:A:GLN:HE21	8	0.43	0.1	0.45
(3,1690)	1:69:A:MET:HE2	1:116:A:GLN:HE21	8	0.43	0.1	0.45
(3,1690)	1:69:A:MET:HE3	1:116:A:GLN:HE21	8	0.43	0.1	0.45
(5,1677)	1:69:A:MET:HE1	1:116:A:GLN:HE21	8	0.43	0.1	0.45
(5,1677)	1:69:A:MET:HE2	1:116:A:GLN:HE21	8	0.43	0.1	0.45
(5,1677)	1:69:A:MET:HE3	1:116:A:GLN:HE21	8	0.43	0.1	0.45
(6,1514)	1:69:A:MET:HE1	1:116:A:GLN:HE21	8	0.43	0.1	0.45
(6,1514)	1:69:A:MET:HE2	1:116:A:GLN:HE21	8	0.43	0.1	0.45
(6,1514)	1:69:A:MET:HE3	1:116:A:GLN:HE21	8	0.43	0.1	0.45
(18,1644)	1:69:A:MET:HE1	1:116:A:GLN:HE21	8	0.43	0.1	0.45
(18,1644)	1:69:A:MET:HE2	1:116:A:GLN:HE21	8	0.43	0.1	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,1644)	1:69:A:MET:HE3	1:116:A:GLN:HE21	8	0.43	0.1	0.45
(18,1959)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	8	0.43	0.14	0.48
(18,1959)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	8	0.43	0.14	0.48
(18,1959)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	8	0.43	0.14	0.48
(18,1959)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	8	0.43	0.14	0.48
(18,1959)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	8	0.43	0.14	0.48
(18,1959)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	8	0.43	0.14	0.48
(29,1681)	1:69:A:MET:HE1	1:116:A:GLN:HE21	8	0.43	0.1	0.45
(29,1681)	1:69:A:MET:HE2	1:116:A:GLN:HE21	8	0.43	0.1	0.45
(29,1681)	1:69:A:MET:HE3	1:116:A:GLN:HE21	8	0.43	0.1	0.45
(33,1510)	1:69:A:MET:HE1	1:116:A:GLN:HE21	8	0.43	0.1	0.45
(33,1510)	1:69:A:MET:HE2	1:116:A:GLN:HE21	8	0.43	0.1	0.45
(33,1510)	1:69:A:MET:HE3	1:116:A:GLN:HE21	8	0.43	0.1	0.45
(1,1530)	1:69:A:MET:HE1	1:110:A:MET:H	8	0.43	0.22	0.42
(1,1530)	1:69:A:MET:HE2	1:110:A:MET:H	8	0.43	0.22	0.42
(1,1530)	1:69:A:MET:HE3	1:110:A:MET:H	8	0.43	0.22	0.42
(2,1516)	1:69:A:MET:HE1	1:110:A:MET:H	8	0.43	0.22	0.42
(2,1516)	1:69:A:MET:HE2	1:110:A:MET:H	8	0.43	0.22	0.42
(2,1516)	1:69:A:MET:HE3	1:110:A:MET:H	8	0.43	0.22	0.42
(3,1539)	1:69:A:MET:HE1	1:110:A:MET:H	8	0.43	0.22	0.42
(3,1539)	1:69:A:MET:HE2	1:110:A:MET:H	8	0.43	0.22	0.42
(3,1539)	1:69:A:MET:HE3	1:110:A:MET:H	8	0.43	0.22	0.42
(4,1496)	1:69:A:MET:HE1	1:110:A:MET:H	8	0.43	0.22	0.42
(4,1496)	1:69:A:MET:HE2	1:110:A:MET:H	8	0.43	0.22	0.42
(4,1496)	1:69:A:MET:HE3	1:110:A:MET:H	8	0.43	0.22	0.42
(9,1511)	1:69:A:MET:HE1	1:110:A:MET:H	8	0.43	0.22	0.42
(9,1511)	1:69:A:MET:HE2	1:110:A:MET:H	8	0.43	0.22	0.42
(9,1511)	1:69:A:MET:HE3	1:110:A:MET:H	8	0.43	0.22	0.42
(11,1536)	1:69:A:MET:HE1	1:110:A:MET:H	8	0.43	0.22	0.42
(11,1536)	1:69:A:MET:HE2	1:110:A:MET:H	8	0.43	0.22	0.42
(11,1536)	1:69:A:MET:HE3	1:110:A:MET:H	8	0.43	0.22	0.42
(15,1506)	1:69:A:MET:HE1	1:110:A:MET:H	8	0.43	0.22	0.42
(15,1506)	1:69:A:MET:HE2	1:110:A:MET:H	8	0.43	0.22	0.42
(15,1506)	1:69:A:MET:HE3	1:110:A:MET:H	8	0.43	0.22	0.42
(30,1513)	1:69:A:MET:HE1	1:110:A:MET:H	8	0.43	0.22	0.42
(30,1513)	1:69:A:MET:HE2	1:110:A:MET:H	8	0.43	0.22	0.42
(30,1513)	1:69:A:MET:HE3	1:110:A:MET:H	8	0.43	0.22	0.42
(32,1475)	1:69:A:MET:HE1	1:110:A:MET:H	8	0.43	0.22	0.42
(32,1475)	1:69:A:MET:HE2	1:110:A:MET:H	8	0.43	0.22	0.42
(32,1475)	1:69:A:MET:HE3	1:110:A:MET:H	8	0.43	0.22	0.42
(34,1530)	1:69:A:MET:HE1	1:110:A:MET:H	8	0.43	0.22	0.42
(34,1530)	1:69:A:MET:HE2	1:110:A:MET:H	8	0.43	0.22	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,1530)	1:69:A:MET:HE3	1:110:A:MET:H	8	0.43	0.22	0.42
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD11	8	0.43	0.27	0.32
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD12	8	0.43	0.27	0.32
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD13	8	0.43	0.27	0.32
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD21	8	0.43	0.27	0.32
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD22	8	0.43	0.27	0.32
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD23	8	0.43	0.27	0.32
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD11	8	0.43	0.27	0.32
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD12	8	0.43	0.27	0.32
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD13	8	0.43	0.27	0.32
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD21	8	0.43	0.27	0.32
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD22	8	0.43	0.27	0.32
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD23	8	0.43	0.27	0.32
(32,549)	1:116:A:GLN:H	1:116:A:GLN:HE22	8	0.42	0.22	0.5
(13,1929)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	8	0.42	0.19	0.44
(13,1929)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	8	0.42	0.19	0.44
(13,1929)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	8	0.42	0.19	0.44
(13,1929)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	8	0.42	0.19	0.44
(13,1929)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	8	0.42	0.19	0.44
(13,1929)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	8	0.42	0.19	0.44
(13,1929)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	8	0.42	0.19	0.44
(13,1929)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	8	0.42	0.19	0.44
(13,1929)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	8	0.42	0.19	0.44
(13,1929)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	8	0.42	0.19	0.44
(13,1929)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	8	0.42	0.19	0.44
(13,1929)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	8	0.42	0.19	0.44
(13,1929)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	8	0.42	0.19	0.44
(13,1929)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	8	0.42	0.19	0.44
(13,1929)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	8	0.42	0.19	0.44
(13,1929)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	8	0.42	0.19	0.44
(13,1929)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	8	0.42	0.19	0.44
(13,1929)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	8	0.42	0.19	0.44
(1,821)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	8	0.42	0.16	0.38
(1,821)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	8	0.42	0.16	0.38
(1,821)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	8	0.42	0.16	0.38
(3,821)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	8	0.42	0.16	0.38
(3,821)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	8	0.42	0.16	0.38
(3,821)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	8	0.42	0.16	0.38
(17,817)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	8	0.42	0.16	0.38
(17,817)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	8	0.42	0.16	0.38
(17,817)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	8	0.42	0.16	0.38
(18,820)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	8	0.42	0.16	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,820)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	8	0.42	0.16	0.38
(18,820)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	8	0.42	0.16	0.38
(29,824)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	8	0.42	0.16	0.38
(29,824)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	8	0.42	0.16	0.38
(29,824)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	8	0.42	0.16	0.38
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD11	8	0.42	0.27	0.31
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD12	8	0.42	0.27	0.31
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD13	8	0.42	0.27	0.31
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD21	8	0.42	0.27	0.31
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD22	8	0.42	0.27	0.31
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD23	8	0.42	0.27	0.31
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD11	8	0.42	0.27	0.31
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD12	8	0.42	0.27	0.31
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD13	8	0.42	0.27	0.31
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD21	8	0.42	0.27	0.31
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD22	8	0.42	0.27	0.31
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD23	8	0.42	0.27	0.31
(18,2322)	1:107:A:LEU:HD11	1:112:A:GLN:HA	8	0.41	0.21	0.38
(18,2322)	1:107:A:LEU:HD12	1:112:A:GLN:HA	8	0.41	0.21	0.38
(18,2322)	1:107:A:LEU:HD13	1:112:A:GLN:HA	8	0.41	0.21	0.38
(18,2322)	1:107:A:LEU:HD21	1:112:A:GLN:HA	8	0.41	0.21	0.38
(18,2322)	1:107:A:LEU:HD22	1:112:A:GLN:HA	8	0.41	0.21	0.38
(18,2322)	1:107:A:LEU:HD23	1:112:A:GLN:HA	8	0.41	0.21	0.38
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD11	8	0.41	0.24	0.33
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD12	8	0.41	0.24	0.33
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD13	8	0.41	0.24	0.33
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD21	8	0.41	0.24	0.33
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD22	8	0.41	0.24	0.33
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD23	8	0.41	0.24	0.33
(13,156)	1:127:A:CYS:H	1:128:A:LEU:HG	8	0.4	0.16	0.38
(15,794)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	8	0.4	0.07	0.39
(15,794)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	8	0.4	0.07	0.39
(15,794)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	8	0.4	0.07	0.39
(15,794)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	8	0.4	0.07	0.39
(15,794)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	8	0.4	0.07	0.39
(15,794)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	8	0.4	0.07	0.39
(34,795)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	8	0.4	0.07	0.39
(34,795)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	8	0.4	0.07	0.39
(34,795)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	8	0.4	0.07	0.39
(34,795)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	8	0.4	0.07	0.39
(34,795)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	8	0.4	0.07	0.39
(34,795)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	8	0.4	0.07	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,781)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	8	0.4	0.1	0.4
(5,781)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	8	0.4	0.1	0.4
(5,781)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	8	0.4	0.1	0.4
(5,781)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	8	0.4	0.1	0.4
(5,781)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	8	0.4	0.1	0.4
(5,781)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	8	0.4	0.1	0.4
(11,780)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	8	0.4	0.1	0.4
(11,780)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	8	0.4	0.1	0.4
(11,780)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	8	0.4	0.1	0.4
(11,780)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	8	0.4	0.1	0.4
(11,780)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	8	0.4	0.1	0.4
(11,780)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	8	0.4	0.1	0.4
(15,788)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	8	0.4	0.1	0.4
(15,788)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	8	0.4	0.1	0.4
(15,788)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	8	0.4	0.1	0.4
(15,788)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	8	0.4	0.1	0.4
(15,788)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	8	0.4	0.1	0.4
(15,788)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	8	0.4	0.1	0.4
(29,798)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	8	0.4	0.1	0.4
(29,798)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	8	0.4	0.1	0.4
(29,798)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	8	0.4	0.1	0.4
(29,798)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	8	0.4	0.1	0.4
(29,798)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	8	0.4	0.1	0.4
(29,798)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	8	0.4	0.1	0.4
(30,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	8	0.4	0.1	0.4
(30,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	8	0.4	0.1	0.4
(30,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	8	0.4	0.1	0.4
(30,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	8	0.4	0.1	0.4
(30,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	8	0.4	0.1	0.4
(30,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	8	0.4	0.1	0.4
(3,233)	1:10:A:ASN:H	1:13:A:ALA:HB1	8	0.4	0.26	0.34
(3,233)	1:10:A:ASN:H	1:13:A:ALA:HB2	8	0.4	0.26	0.34
(3,233)	1:10:A:ASN:H	1:13:A:ALA:HB3	8	0.4	0.26	0.34
(9,237)	1:10:A:ASN:H	1:13:A:ALA:HB1	8	0.4	0.26	0.34
(9,237)	1:10:A:ASN:H	1:13:A:ALA:HB2	8	0.4	0.26	0.34
(9,237)	1:10:A:ASN:H	1:13:A:ALA:HB3	8	0.4	0.26	0.34
(15,239)	1:10:A:ASN:H	1:13:A:ALA:HB1	8	0.4	0.26	0.34
(15,239)	1:10:A:ASN:H	1:13:A:ALA:HB2	8	0.4	0.26	0.34
(15,239)	1:10:A:ASN:H	1:13:A:ALA:HB3	8	0.4	0.26	0.34
(30,235)	1:10:A:ASN:H	1:13:A:ALA:HB1	8	0.4	0.26	0.34
(30,235)	1:10:A:ASN:H	1:13:A:ALA:HB2	8	0.4	0.26	0.34
(30,235)	1:10:A:ASN:H	1:13:A:ALA:HB3	8	0.4	0.26	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,224)	1:10:A:ASN:H	1:13:A:ALA:HB1	8	0.4	0.26	0.34
(32,224)	1:10:A:ASN:H	1:13:A:ALA:HB2	8	0.4	0.26	0.34
(32,224)	1:10:A:ASN:H	1:13:A:ALA:HB3	8	0.4	0.26	0.34
(1,2006)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	8	0.39	0.15	0.44
(1,2006)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	8	0.39	0.15	0.44
(1,2006)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	8	0.39	0.15	0.44
(1,2006)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	8	0.39	0.15	0.44
(1,2006)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	8	0.39	0.15	0.44
(1,2006)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	8	0.39	0.15	0.44
(1,17)	1:64:A:LYS:H	1:64:A:LYS:HD2	8	0.39	0.17	0.45
(1,17)	1:64:A:LYS:H	1:64:A:LYS:HD3	8	0.39	0.17	0.45
(3,17)	1:64:A:LYS:H	1:64:A:LYS:HD2	8	0.39	0.17	0.45
(3,17)	1:64:A:LYS:H	1:64:A:LYS:HD3	8	0.39	0.17	0.45
(5,15)	1:64:A:LYS:H	1:64:A:LYS:HD2	8	0.39	0.17	0.45
(5,15)	1:64:A:LYS:H	1:64:A:LYS:HD3	8	0.39	0.17	0.45
(6,15)	1:64:A:LYS:H	1:64:A:LYS:HD2	8	0.39	0.17	0.45
(6,15)	1:64:A:LYS:H	1:64:A:LYS:HD3	8	0.39	0.17	0.45
(9,14)	1:64:A:LYS:H	1:64:A:LYS:HD2	8	0.39	0.17	0.45
(9,14)	1:64:A:LYS:H	1:64:A:LYS:HD3	8	0.39	0.17	0.45
(13,14)	1:64:A:LYS:H	1:64:A:LYS:HD2	8	0.39	0.17	0.45
(13,14)	1:64:A:LYS:H	1:64:A:LYS:HD3	8	0.39	0.17	0.45
(18,15)	1:64:A:LYS:H	1:64:A:LYS:HD2	8	0.39	0.17	0.45
(18,15)	1:64:A:LYS:H	1:64:A:LYS:HD3	8	0.39	0.17	0.45
(29,17)	1:64:A:LYS:H	1:64:A:LYS:HD2	8	0.39	0.17	0.45
(29,17)	1:64:A:LYS:H	1:64:A:LYS:HD3	8	0.39	0.17	0.45
(34,16)	1:64:A:LYS:H	1:64:A:LYS:HD2	8	0.39	0.17	0.45
(34,16)	1:64:A:LYS:H	1:64:A:LYS:HD3	8	0.39	0.17	0.45
(18,211)	1:101:A:ILE:H	1:104:A:PHE:HB2	8	0.39	0.23	0.42
(2,1449)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	8	0.39	0.23	0.36
(2,1449)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	8	0.39	0.23	0.36
(5,1462)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	8	0.39	0.23	0.36
(5,1462)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	8	0.39	0.23	0.36
(7,1424)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	8	0.39	0.23	0.36
(7,1424)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	8	0.39	0.23	0.36
(9,1438)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	8	0.39	0.23	0.36
(9,1438)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	8	0.39	0.23	0.36
(13,1415)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	8	0.39	0.23	0.36
(13,1415)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	8	0.39	0.23	0.36
(30,1444)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	8	0.39	0.23	0.36
(30,1444)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	8	0.39	0.23	0.36
(9,1026)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	8	0.39	0.09	0.36
(11,1041)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	8	0.39	0.09	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,1020)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	8	0.39	0.09	0.36
(1,650)	1:66:A:THR:H	1:69:A:MET:HA	8	0.39	0.22	0.32
(2,642)	1:66:A:THR:H	1:69:A:MET:HA	8	0.39	0.22	0.32
(4,632)	1:66:A:THR:H	1:69:A:MET:HA	8	0.39	0.22	0.32
(5,643)	1:66:A:THR:H	1:69:A:MET:HA	8	0.39	0.22	0.32
(6,637)	1:66:A:THR:H	1:69:A:MET:HA	8	0.39	0.22	0.32
(7,642)	1:66:A:THR:H	1:69:A:MET:HA	8	0.39	0.22	0.32
(11,643)	1:66:A:THR:H	1:69:A:MET:HA	8	0.39	0.22	0.32
(13,635)	1:66:A:THR:H	1:69:A:MET:HA	8	0.39	0.22	0.32
(15,648)	1:66:A:THR:H	1:69:A:MET:HA	8	0.39	0.22	0.32
(16,645)	1:66:A:THR:H	1:69:A:MET:HA	8	0.39	0.22	0.32
(17,643)	1:66:A:THR:H	1:69:A:MET:HA	8	0.39	0.22	0.32
(30,640)	1:66:A:THR:H	1:69:A:MET:HA	8	0.39	0.22	0.32
(32,628)	1:66:A:THR:H	1:69:A:MET:HA	8	0.39	0.22	0.32
(33,642)	1:66:A:THR:H	1:69:A:MET:HA	8	0.39	0.22	0.32
(34,649)	1:66:A:THR:H	1:69:A:MET:HA	8	0.39	0.22	0.32
(2,1354)	1:73:A:ILE:HB	1:76:A:ARG:HA	8	0.39	0.19	0.38
(6,1348)	1:73:A:ILE:HB	1:76:A:ARG:HA	8	0.39	0.19	0.38
(3,1525)	1:12:A:VAL:H	1:43:A:MET:HE1	8	0.38	0.27	0.27
(3,1525)	1:12:A:VAL:H	1:43:A:MET:HE2	8	0.38	0.27	0.27
(3,1525)	1:12:A:VAL:H	1:43:A:MET:HE3	8	0.38	0.27	0.27
(32,2469)	1:140:A:LEU:HD11	1:143:A:TRP:HD1	8	0.38	0.2	0.32
(32,2469)	1:140:A:LEU:HD12	1:143:A:TRP:HD1	8	0.38	0.2	0.32
(32,2469)	1:140:A:LEU:HD13	1:143:A:TRP:HD1	8	0.38	0.2	0.32
(32,2469)	1:140:A:LEU:HD21	1:143:A:TRP:HD1	8	0.38	0.2	0.32
(32,2469)	1:140:A:LEU:HD22	1:143:A:TRP:HD1	8	0.38	0.2	0.32
(32,2469)	1:140:A:LEU:HD23	1:143:A:TRP:HD1	8	0.38	0.2	0.32
(4,362)	1:41:A:LYS:H	1:44:A:GLU:HB2	8	0.38	0.25	0.38
(4,362)	1:41:A:LYS:H	1:44:A:GLU:HB3	8	0.38	0.25	0.38
(13,218)	1:48:A:ARG:H	1:48:A:ARG:HG2	8	0.38	0.02	0.38
(13,218)	1:48:A:ARG:H	1:48:A:ARG:HG3	8	0.38	0.02	0.38
(16,224)	1:48:A:ARG:H	1:48:A:ARG:HG2	8	0.38	0.02	0.38
(16,224)	1:48:A:ARG:H	1:48:A:ARG:HG3	8	0.38	0.02	0.38
(17,1496)	1:45:A:ALA:HB1	1:49:A:LYS:HB2	8	0.37	0.25	0.2
(17,1496)	1:45:A:ALA:HB1	1:49:A:LYS:HB3	8	0.37	0.25	0.2
(17,1496)	1:45:A:ALA:HB2	1:49:A:LYS:HB2	8	0.37	0.25	0.2
(17,1496)	1:45:A:ALA:HB2	1:49:A:LYS:HB3	8	0.37	0.25	0.2
(17,1496)	1:45:A:ALA:HB3	1:49:A:LYS:HB2	8	0.37	0.25	0.2
(17,1496)	1:45:A:ALA:HB3	1:49:A:LYS:HB3	8	0.37	0.25	0.2
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD11	8	0.37	0.13	0.34
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD12	8	0.37	0.13	0.34
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD13	8	0.37	0.13	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD21	8	0.37	0.13	0.34
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD22	8	0.37	0.13	0.34
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD23	8	0.37	0.13	0.34
(6,483)	1:98:A:ILE:H	1:105:A:LYS:H	8	0.37	0.25	0.22
(4,1064)	1:45:A:ALA:HA	1:48:A:ARG:HG2	8	0.37	0.12	0.4
(4,1064)	1:45:A:ALA:HA	1:48:A:ARG:HG3	8	0.37	0.12	0.4
(1,735)	1:50:A:ALA:H	1:130:A:GLY:HA3	8	0.36	0.18	0.31
(3,739)	1:50:A:ALA:H	1:130:A:GLY:HA3	8	0.36	0.18	0.31
(16,736)	1:50:A:ALA:H	1:130:A:GLY:HA3	8	0.36	0.18	0.31
(16,2057)	1:30:A:LEU:HD11	1:31:A:PRO:HG2	8	0.36	0.14	0.36
(16,2057)	1:30:A:LEU:HD11	1:31:A:PRO:HG3	8	0.36	0.14	0.36
(16,2057)	1:30:A:LEU:HD12	1:31:A:PRO:HG2	8	0.36	0.14	0.36
(16,2057)	1:30:A:LEU:HD12	1:31:A:PRO:HG3	8	0.36	0.14	0.36
(16,2057)	1:30:A:LEU:HD13	1:31:A:PRO:HG2	8	0.36	0.14	0.36
(16,2057)	1:30:A:LEU:HD13	1:31:A:PRO:HG3	8	0.36	0.14	0.36
(16,2057)	1:30:A:LEU:HD21	1:31:A:PRO:HG2	8	0.36	0.14	0.36
(16,2057)	1:30:A:LEU:HD21	1:31:A:PRO:HG3	8	0.36	0.14	0.36
(16,2057)	1:30:A:LEU:HD22	1:31:A:PRO:HG2	8	0.36	0.14	0.36
(16,2057)	1:30:A:LEU:HD22	1:31:A:PRO:HG3	8	0.36	0.14	0.36
(16,2057)	1:30:A:LEU:HD23	1:31:A:PRO:HG2	8	0.36	0.14	0.36
(16,2057)	1:30:A:LEU:HD23	1:31:A:PRO:HG3	8	0.36	0.14	0.36
(30,2056)	1:30:A:LEU:HD11	1:31:A:PRO:HG2	8	0.36	0.14	0.36
(30,2056)	1:30:A:LEU:HD11	1:31:A:PRO:HG3	8	0.36	0.14	0.36
(30,2056)	1:30:A:LEU:HD12	1:31:A:PRO:HG2	8	0.36	0.14	0.36
(30,2056)	1:30:A:LEU:HD12	1:31:A:PRO:HG3	8	0.36	0.14	0.36
(30,2056)	1:30:A:LEU:HD13	1:31:A:PRO:HG2	8	0.36	0.14	0.36
(30,2056)	1:30:A:LEU:HD13	1:31:A:PRO:HG3	8	0.36	0.14	0.36
(30,2056)	1:30:A:LEU:HD21	1:31:A:PRO:HG2	8	0.36	0.14	0.36
(30,2056)	1:30:A:LEU:HD21	1:31:A:PRO:HG3	8	0.36	0.14	0.36
(30,2056)	1:30:A:LEU:HD22	1:31:A:PRO:HG2	8	0.36	0.14	0.36
(30,2056)	1:30:A:LEU:HD22	1:31:A:PRO:HG3	8	0.36	0.14	0.36
(30,2056)	1:30:A:LEU:HD23	1:31:A:PRO:HG2	8	0.36	0.14	0.36
(30,2056)	1:30:A:LEU:HD23	1:31:A:PRO:HG3	8	0.36	0.14	0.36
(4,352)	1:70:A:LYS:H	1:70:A:LYS:HE2	8	0.36	0.21	0.28
(4,352)	1:70:A:LYS:H	1:70:A:LYS:HE3	8	0.36	0.21	0.28
(11,367)	1:70:A:LYS:H	1:70:A:LYS:HE2	8	0.36	0.21	0.28
(11,367)	1:70:A:LYS:H	1:70:A:LYS:HE3	8	0.36	0.21	0.28
(7,1636)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	8	0.36	0.15	0.33
(7,1636)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	8	0.36	0.15	0.33
(7,1636)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	8	0.36	0.15	0.33
(7,1636)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	8	0.36	0.15	0.33
(30,1670)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	8	0.36	0.15	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,1670)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	8	0.36	0.15	0.33
(30,1670)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	8	0.36	0.15	0.33
(30,1670)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	8	0.36	0.15	0.33
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD11	8	0.36	0.12	0.3
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD12	8	0.36	0.12	0.3
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD13	8	0.36	0.12	0.3
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD21	8	0.36	0.12	0.3
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD22	8	0.36	0.12	0.3
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD23	8	0.36	0.12	0.3
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD11	8	0.36	0.12	0.3
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD12	8	0.36	0.12	0.3
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD13	8	0.36	0.12	0.3
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD21	8	0.36	0.12	0.3
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD22	8	0.36	0.12	0.3
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD23	8	0.36	0.12	0.3
(2,1520)	1:69:A:MET:HE1	1:116:A:GLN:HE21	8	0.36	0.1	0.38
(2,1520)	1:69:A:MET:HE2	1:116:A:GLN:HE21	8	0.36	0.1	0.38
(2,1520)	1:69:A:MET:HE3	1:116:A:GLN:HE21	8	0.36	0.1	0.38
(9,1515)	1:69:A:MET:HE1	1:116:A:GLN:HE21	8	0.36	0.1	0.38
(9,1515)	1:69:A:MET:HE2	1:116:A:GLN:HE21	8	0.36	0.1	0.38
(9,1515)	1:69:A:MET:HE3	1:116:A:GLN:HE21	8	0.36	0.1	0.38
(4,252)	1:27:A:ARG:HA	1:29:A:LYS:H	8	0.35	0.15	0.38
(18,978)	1:138:A:ASP:HA	1:141:A:LYS:HB2	8	0.35	0.19	0.3
(18,978)	1:138:A:ASP:HA	1:141:A:LYS:HB3	8	0.35	0.19	0.3
(34,988)	1:138:A:ASP:HA	1:141:A:LYS:HB2	8	0.35	0.19	0.3
(34,988)	1:138:A:ASP:HA	1:141:A:LYS:HB3	8	0.35	0.19	0.3
(33,1701)	1:141:A:LYS:HA	1:145:A:PRO:HD3	8	0.35	0.09	0.36
(4,69)	1:13:A:ALA:HB1	1:81:A:GLU:H	8	0.35	0.09	0.34
(4,69)	1:13:A:ALA:HB2	1:81:A:GLU:H	8	0.35	0.09	0.34
(4,69)	1:13:A:ALA:HB3	1:81:A:GLU:H	8	0.35	0.09	0.34
(7,1363)	1:107:A:LEU:HD11	1:111:A:GLU:HB2	8	0.34	0.18	0.3
(7,1363)	1:107:A:LEU:HD11	1:111:A:GLU:HB3	8	0.34	0.18	0.3
(7,1363)	1:107:A:LEU:HD12	1:111:A:GLU:HB2	8	0.34	0.18	0.3
(7,1363)	1:107:A:LEU:HD12	1:111:A:GLU:HB3	8	0.34	0.18	0.3
(7,1363)	1:107:A:LEU:HD13	1:111:A:GLU:HB2	8	0.34	0.18	0.3
(7,1363)	1:107:A:LEU:HD13	1:111:A:GLU:HB3	8	0.34	0.18	0.3
(17,1090)	1:38:A:GLU:HA	1:139:A:LEU:HD11	8	0.34	0.2	0.3
(17,1090)	1:38:A:GLU:HA	1:139:A:LEU:HD12	8	0.34	0.2	0.3
(17,1090)	1:38:A:GLU:HA	1:139:A:LEU:HD13	8	0.34	0.2	0.3
(29,2424)	1:140:A:LEU:HD11	1:144:A:LEU:H	8	0.33	0.16	0.3
(29,2424)	1:140:A:LEU:HD12	1:144:A:LEU:H	8	0.33	0.16	0.3
(29,2424)	1:140:A:LEU:HD13	1:144:A:LEU:H	8	0.33	0.16	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,2424)	1:140:A:LEU:HD21	1:144:A:LEU:H	8	0.33	0.16	0.3
(29,2424)	1:140:A:LEU:HD22	1:144:A:LEU:H	8	0.33	0.16	0.3
(29,2424)	1:140:A:LEU:HD23	1:144:A:LEU:H	8	0.33	0.16	0.3
(33,2134)	1:40:A:LEU:HD11	1:43:A:MET:H	8	0.33	0.14	0.36
(33,2134)	1:40:A:LEU:HD12	1:43:A:MET:H	8	0.33	0.14	0.36
(33,2134)	1:40:A:LEU:HD13	1:43:A:MET:H	8	0.33	0.14	0.36
(33,2134)	1:40:A:LEU:HD21	1:43:A:MET:H	8	0.33	0.14	0.36
(33,2134)	1:40:A:LEU:HD22	1:43:A:MET:H	8	0.33	0.14	0.36
(33,2134)	1:40:A:LEU:HD23	1:43:A:MET:H	8	0.33	0.14	0.36
(11,1904)	1:104:A:PHE:HE1	1:113:A:PHE:HA	8	0.33	0.11	0.28
(11,1904)	1:104:A:PHE:HE2	1:113:A:PHE:HA	8	0.33	0.11	0.28
(16,1871)	1:104:A:PHE:HE1	1:113:A:PHE:HA	8	0.33	0.11	0.28
(16,1871)	1:104:A:PHE:HE2	1:113:A:PHE:HA	8	0.33	0.11	0.28
(2,2463)	1:140:A:LEU:HD11	1:144:A:LEU:H	8	0.32	0.16	0.29
(2,2463)	1:140:A:LEU:HD12	1:144:A:LEU:H	8	0.32	0.16	0.29
(2,2463)	1:140:A:LEU:HD13	1:144:A:LEU:H	8	0.32	0.16	0.29
(2,2463)	1:140:A:LEU:HD21	1:144:A:LEU:H	8	0.32	0.16	0.29
(2,2463)	1:140:A:LEU:HD22	1:144:A:LEU:H	8	0.32	0.16	0.29
(2,2463)	1:140:A:LEU:HD23	1:144:A:LEU:H	8	0.32	0.16	0.29
(17,2458)	1:140:A:LEU:HD11	1:144:A:LEU:H	8	0.32	0.16	0.29
(17,2458)	1:140:A:LEU:HD12	1:144:A:LEU:H	8	0.32	0.16	0.29
(17,2458)	1:140:A:LEU:HD13	1:144:A:LEU:H	8	0.32	0.16	0.29
(17,2458)	1:140:A:LEU:HD21	1:144:A:LEU:H	8	0.32	0.16	0.29
(17,2458)	1:140:A:LEU:HD22	1:144:A:LEU:H	8	0.32	0.16	0.29
(17,2458)	1:140:A:LEU:HD23	1:144:A:LEU:H	8	0.32	0.16	0.29
(3,1823)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	8	0.32	0.12	0.3
(3,1823)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	8	0.32	0.12	0.3
(3,1823)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	8	0.32	0.12	0.3
(3,1823)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	8	0.32	0.12	0.3
(3,1823)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	8	0.32	0.12	0.3
(3,1823)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	8	0.32	0.12	0.3
(4,1773)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	8	0.32	0.12	0.3
(4,1773)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	8	0.32	0.12	0.3
(4,1773)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	8	0.32	0.12	0.3
(4,1773)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	8	0.32	0.12	0.3
(4,1773)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	8	0.32	0.12	0.3
(4,1773)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	8	0.32	0.12	0.3
(5,1821)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	8	0.32	0.12	0.3
(5,1821)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	8	0.32	0.12	0.3
(5,1821)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	8	0.32	0.12	0.3
(5,1821)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	8	0.32	0.12	0.3
(5,1821)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	8	0.32	0.12	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,1821)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	8	0.32	0.12	0.3
(11,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	8	0.32	0.12	0.3
(11,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	8	0.32	0.12	0.3
(11,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	8	0.32	0.12	0.3
(11,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	8	0.32	0.12	0.3
(11,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	8	0.32	0.12	0.3
(11,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	8	0.32	0.12	0.3
(13,1758)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	8	0.32	0.12	0.3
(13,1758)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	8	0.32	0.12	0.3
(13,1758)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	8	0.32	0.12	0.3
(13,1758)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	8	0.32	0.12	0.3
(13,1758)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	8	0.32	0.12	0.3
(13,1758)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	8	0.32	0.12	0.3
(15,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	8	0.32	0.12	0.3
(15,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	8	0.32	0.12	0.3
(15,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	8	0.32	0.12	0.3
(15,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	8	0.32	0.12	0.3
(15,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	8	0.32	0.12	0.3
(15,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	8	0.32	0.12	0.3
(16,1784)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	8	0.32	0.12	0.3
(16,1784)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	8	0.32	0.12	0.3
(16,1784)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	8	0.32	0.12	0.3
(16,1784)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	8	0.32	0.12	0.3
(16,1784)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	8	0.32	0.12	0.3
(16,1784)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	8	0.32	0.12	0.3
(17,1808)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	8	0.32	0.12	0.3
(17,1808)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	8	0.32	0.12	0.3
(17,1808)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	8	0.32	0.12	0.3
(17,1808)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	8	0.32	0.12	0.3
(17,1808)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	8	0.32	0.12	0.3
(17,1808)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	8	0.32	0.12	0.3
(16,287)	1:73:A:ILE:HD11	1:112:A:GLN:H	8	0.31	0.12	0.31
(16,287)	1:73:A:ILE:HD12	1:112:A:GLN:H	8	0.31	0.12	0.31
(16,287)	1:73:A:ILE:HD13	1:112:A:GLN:H	8	0.31	0.12	0.31
(3,2110)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	8	0.31	0.15	0.24
(3,2110)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	8	0.31	0.15	0.24
(3,2110)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	8	0.31	0.15	0.24
(3,2110)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	8	0.31	0.15	0.24
(3,2110)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	8	0.31	0.15	0.24
(3,2110)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	8	0.31	0.15	0.24
(4,1771)	1:72:A:PHE:HD1	1:109:A:PRO:HB2	8	0.31	0.06	0.33
(4,1771)	1:72:A:PHE:HD1	1:109:A:PRO:HB3	8	0.31	0.06	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1771)	1:72:A:PHE:HD2	1:109:A:PRO:HB2	8	0.31	0.06	0.33
(4,1771)	1:72:A:PHE:HD2	1:109:A:PRO:HB3	8	0.31	0.06	0.33
(15,1780)	1:72:A:PHE:HD1	1:109:A:PRO:HB2	8	0.31	0.06	0.33
(15,1780)	1:72:A:PHE:HD1	1:109:A:PRO:HB3	8	0.31	0.06	0.33
(15,1780)	1:72:A:PHE:HD2	1:109:A:PRO:HB2	8	0.31	0.06	0.33
(15,1780)	1:72:A:PHE:HD2	1:109:A:PRO:HB3	8	0.31	0.06	0.33
(18,739)	1:16:A:SER:H	1:17:A:ASN:HD21	8	0.3	0.12	0.28
(2,33)	1:95:A:ILE:HB	1:96:A:VAL:H	8	0.3	0.08	0.31
(5,34)	1:95:A:ILE:HB	1:96:A:VAL:H	8	0.3	0.08	0.31
(6,31)	1:95:A:ILE:HB	1:96:A:VAL:H	8	0.3	0.08	0.31
(9,34)	1:95:A:ILE:HB	1:96:A:VAL:H	8	0.3	0.08	0.31
(33,36)	1:95:A:ILE:HB	1:96:A:VAL:H	8	0.3	0.08	0.31
(9,1037)	1:11:A:ILE:HA	1:11:A:ILE:HD11	8	0.3	0.04	0.3
(9,1037)	1:11:A:ILE:HA	1:11:A:ILE:HD12	8	0.3	0.04	0.3
(9,1037)	1:11:A:ILE:HA	1:11:A:ILE:HD13	8	0.3	0.04	0.3
(16,1058)	1:11:A:ILE:HA	1:11:A:ILE:HD11	8	0.3	0.04	0.3
(16,1058)	1:11:A:ILE:HA	1:11:A:ILE:HD12	8	0.3	0.04	0.3
(16,1058)	1:11:A:ILE:HA	1:11:A:ILE:HD13	8	0.3	0.04	0.3
(17,1048)	1:11:A:ILE:HA	1:11:A:ILE:HD11	8	0.3	0.04	0.3
(17,1048)	1:11:A:ILE:HA	1:11:A:ILE:HD12	8	0.3	0.04	0.3
(17,1048)	1:11:A:ILE:HA	1:11:A:ILE:HD13	8	0.3	0.04	0.3
(30,1031)	1:11:A:ILE:HA	1:11:A:ILE:HD11	8	0.3	0.04	0.3
(30,1031)	1:11:A:ILE:HA	1:11:A:ILE:HD12	8	0.3	0.04	0.3
(30,1031)	1:11:A:ILE:HA	1:11:A:ILE:HD13	8	0.3	0.04	0.3
(2,2294)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	8	0.3	0.08	0.3
(2,2294)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	8	0.3	0.08	0.3
(33,2285)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	8	0.3	0.08	0.3
(33,2285)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	8	0.3	0.08	0.3
(3,491)	1:79:A:THR:H	1:79:A:THR:HG21	8	0.29	0.07	0.28
(3,491)	1:79:A:THR:H	1:79:A:THR:HG22	8	0.29	0.07	0.28
(3,491)	1:79:A:THR:H	1:79:A:THR:HG23	8	0.29	0.07	0.28
(7,489)	1:79:A:THR:H	1:79:A:THR:HG21	8	0.29	0.07	0.28
(7,489)	1:79:A:THR:H	1:79:A:THR:HG22	8	0.29	0.07	0.28
(7,489)	1:79:A:THR:H	1:79:A:THR:HG23	8	0.29	0.07	0.28
(11,487)	1:79:A:THR:H	1:79:A:THR:HG21	8	0.29	0.07	0.28
(11,487)	1:79:A:THR:H	1:79:A:THR:HG22	8	0.29	0.07	0.28
(11,487)	1:79:A:THR:H	1:79:A:THR:HG23	8	0.29	0.07	0.28
(16,489)	1:79:A:THR:H	1:79:A:THR:HG21	8	0.29	0.07	0.28
(16,489)	1:79:A:THR:H	1:79:A:THR:HG22	8	0.29	0.07	0.28
(16,489)	1:79:A:THR:H	1:79:A:THR:HG23	8	0.29	0.07	0.28
(17,481)	1:79:A:THR:H	1:79:A:THR:HG21	8	0.29	0.07	0.28
(17,481)	1:79:A:THR:H	1:79:A:THR:HG22	8	0.29	0.07	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,481)	1:79:A:THR:H	1:79:A:THR:HG23	8	0.29	0.07	0.28
(18,500)	1:79:A:THR:H	1:79:A:THR:HG21	8	0.29	0.07	0.28
(18,500)	1:79:A:THR:H	1:79:A:THR:HG22	8	0.29	0.07	0.28
(18,500)	1:79:A:THR:H	1:79:A:THR:HG23	8	0.29	0.07	0.28
(16,1302)	1:66:A:THR:HG21	1:96:A:VAL:HA	8	0.29	0.14	0.25
(16,1302)	1:66:A:THR:HG22	1:96:A:VAL:HA	8	0.29	0.14	0.25
(16,1302)	1:66:A:THR:HG23	1:96:A:VAL:HA	8	0.29	0.14	0.25
(4,260)	1:39:A:VAL:H	1:40:A:LEU:HB2	8	0.28	0.09	0.27
(11,264)	1:39:A:VAL:H	1:40:A:LEU:HB2	8	0.28	0.09	0.27
(3,188)	1:58:A:ILE:HG21	1:60:A:LEU:H	8	0.27	0.08	0.29
(3,188)	1:58:A:ILE:HG22	1:60:A:LEU:H	8	0.27	0.08	0.29
(3,188)	1:58:A:ILE:HG23	1:60:A:LEU:H	8	0.27	0.08	0.29
(16,193)	1:58:A:ILE:HG21	1:60:A:LEU:H	8	0.27	0.08	0.29
(16,193)	1:58:A:ILE:HG22	1:60:A:LEU:H	8	0.27	0.08	0.29
(16,193)	1:58:A:ILE:HG23	1:60:A:LEU:H	8	0.27	0.08	0.29
(13,1227)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	8	0.24	0.1	0.22
(13,1227)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	8	0.24	0.1	0.22
(13,1227)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	8	0.24	0.1	0.22
(13,1227)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	8	0.24	0.1	0.22
(13,1227)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	8	0.24	0.1	0.22
(13,1227)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	8	0.24	0.1	0.22
(13,1227)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	8	0.24	0.1	0.22
(13,1227)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	8	0.24	0.1	0.22
(13,1227)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	8	0.24	0.1	0.22
(3,1715)	1:72:A:PHE:HB2	1:109:A:PRO:HA	8	0.24	0.07	0.24
(5,1708)	1:72:A:PHE:HB2	1:109:A:PRO:HA	8	0.24	0.07	0.24
(15,1682)	1:72:A:PHE:HB2	1:109:A:PRO:HA	8	0.24	0.07	0.24
(18,1672)	1:72:A:PHE:HB2	1:109:A:PRO:HA	8	0.24	0.07	0.24
(33,1678)	1:72:A:PHE:HB2	1:109:A:PRO:HA	8	0.24	0.07	0.24
(15,991)	1:104:A:PHE:H	1:105:A:LYS:HB2	8	0.24	0.11	0.2
(15,991)	1:104:A:PHE:H	1:105:A:LYS:HB3	8	0.24	0.11	0.2
(33,991)	1:104:A:PHE:H	1:105:A:LYS:HB2	8	0.24	0.11	0.2
(33,991)	1:104:A:PHE:H	1:105:A:LYS:HB3	8	0.24	0.11	0.2
(18,1029)	1:81:A:GLU:H	1:81:A:GLU:HB2	8	0.24	0.05	0.24
(32,986)	1:81:A:GLU:H	1:81:A:GLU:HB2	8	0.24	0.05	0.24
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG11	8	0.24	0.07	0.22
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG12	8	0.24	0.07	0.22
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG13	8	0.24	0.07	0.22
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG21	8	0.24	0.07	0.22
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG22	8	0.24	0.07	0.22
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG23	8	0.24	0.07	0.22
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG11	8	0.24	0.07	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG12	8	0.24	0.07	0.22
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG13	8	0.24	0.07	0.22
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG21	8	0.24	0.07	0.22
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG22	8	0.24	0.07	0.22
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG23	8	0.24	0.07	0.22
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG11	8	0.24	0.07	0.22
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG12	8	0.24	0.07	0.22
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG13	8	0.24	0.07	0.22
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG21	8	0.24	0.07	0.22
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG22	8	0.24	0.07	0.22
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG23	8	0.24	0.07	0.22
(4,810)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	8	0.24	0.1	0.23
(4,810)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	8	0.24	0.1	0.23
(4,810)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	8	0.24	0.1	0.23
(6,809)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	8	0.24	0.1	0.23
(6,809)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	8	0.24	0.1	0.23
(6,809)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	8	0.24	0.1	0.23
(9,2223)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	8	0.24	0.08	0.24
(9,2223)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	8	0.24	0.08	0.24
(15,815)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	8	0.24	0.1	0.23
(15,815)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	8	0.24	0.1	0.23
(15,815)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	8	0.24	0.1	0.23
(17,824)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	8	0.24	0.1	0.23
(17,824)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	8	0.24	0.1	0.23
(17,824)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	8	0.24	0.1	0.23
(29,829)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	8	0.24	0.1	0.23
(29,829)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	8	0.24	0.1	0.23
(29,829)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	8	0.24	0.1	0.23
(32,795)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	8	0.24	0.1	0.23
(32,795)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	8	0.24	0.1	0.23
(32,795)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	8	0.24	0.1	0.23
(33,817)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	8	0.24	0.1	0.23
(33,817)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	8	0.24	0.1	0.23
(33,817)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	8	0.24	0.1	0.23
(18,663)	1:70:A:LYS:H	1:71:A:LYS:HB3	8	0.23	0.08	0.24
(9,2089)	1:39:A:VAL:HG11	1:40:A:LEU:HA	8	0.23	0.06	0.21
(9,2089)	1:39:A:VAL:HG12	1:40:A:LEU:HA	8	0.23	0.06	0.21
(9,2089)	1:39:A:VAL:HG13	1:40:A:LEU:HA	8	0.23	0.06	0.21
(9,2089)	1:39:A:VAL:HG21	1:40:A:LEU:HA	8	0.23	0.06	0.21
(9,2089)	1:39:A:VAL:HG22	1:40:A:LEU:HA	8	0.23	0.06	0.21
(9,2089)	1:39:A:VAL:HG23	1:40:A:LEU:HA	8	0.23	0.06	0.21
(1,679)	1:116:A:GLN:HG3	1:117:A:VAL:H	8	0.23	0.08	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,1720)	1:34:A:LYS:HA	1:35:A:LEU:HB3	8	0.23	0.05	0.23
(3,678)	1:116:A:GLN:HG3	1:117:A:VAL:H	8	0.23	0.08	0.21
(3,1734)	1:34:A:LYS:HA	1:35:A:LEU:HB3	8	0.23	0.05	0.23
(4,1681)	1:34:A:LYS:HA	1:35:A:LEU:HB3	8	0.23	0.05	0.23
(5,1724)	1:34:A:LYS:HA	1:35:A:LEU:HB3	8	0.23	0.05	0.23
(6,1703)	1:34:A:LYS:HA	1:35:A:LEU:HB3	8	0.23	0.05	0.23
(7,1672)	1:34:A:LYS:HA	1:35:A:LEU:HB3	8	0.23	0.05	0.23
(9,1697)	1:34:A:LYS:HA	1:35:A:LEU:HB3	8	0.23	0.05	0.23
(11,671)	1:116:A:GLN:HG3	1:117:A:VAL:H	8	0.23	0.08	0.21
(11,1738)	1:34:A:LYS:HA	1:35:A:LEU:HB3	8	0.23	0.05	0.23
(16,1695)	1:34:A:LYS:HA	1:35:A:LEU:HB3	8	0.23	0.05	0.23
(17,671)	1:116:A:GLN:HG3	1:117:A:VAL:H	8	0.23	0.08	0.21
(17,1718)	1:34:A:LYS:HA	1:35:A:LEU:HB3	8	0.23	0.05	0.23
(29,677)	1:116:A:GLN:HG3	1:117:A:VAL:H	8	0.23	0.08	0.21
(29,1722)	1:34:A:LYS:HA	1:35:A:LEU:HB3	8	0.23	0.05	0.23
(32,1658)	1:34:A:LYS:HA	1:35:A:LEU:HB3	8	0.23	0.05	0.23
(33,1697)	1:34:A:LYS:HA	1:35:A:LEU:HB3	8	0.23	0.05	0.23
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD11	8	0.22	0.1	0.2
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD12	8	0.22	0.1	0.2
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD13	8	0.22	0.1	0.2
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD21	8	0.22	0.1	0.2
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD22	8	0.22	0.1	0.2
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD23	8	0.22	0.1	0.2
(7,765)	1:101:A:ILE:HD11	1:115:A:ALA:H	8	0.22	0.08	0.23
(7,765)	1:101:A:ILE:HD12	1:115:A:ALA:H	8	0.22	0.08	0.23
(7,765)	1:101:A:ILE:HD13	1:115:A:ALA:H	8	0.22	0.08	0.23
(11,771)	1:101:A:ILE:HD11	1:115:A:ALA:H	8	0.22	0.08	0.23
(11,771)	1:101:A:ILE:HD12	1:115:A:ALA:H	8	0.22	0.08	0.23
(11,771)	1:101:A:ILE:HD13	1:115:A:ALA:H	8	0.22	0.08	0.23
(13,760)	1:101:A:ILE:HD11	1:115:A:ALA:H	8	0.22	0.08	0.23
(13,760)	1:101:A:ILE:HD12	1:115:A:ALA:H	8	0.22	0.08	0.23
(13,760)	1:101:A:ILE:HD13	1:115:A:ALA:H	8	0.22	0.08	0.23
(16,782)	1:101:A:ILE:HD11	1:115:A:ALA:H	8	0.22	0.08	0.23
(16,782)	1:101:A:ILE:HD12	1:115:A:ALA:H	8	0.22	0.08	0.23
(16,782)	1:101:A:ILE:HD13	1:115:A:ALA:H	8	0.22	0.08	0.23
(30,769)	1:101:A:ILE:HD11	1:115:A:ALA:H	8	0.22	0.08	0.23
(30,769)	1:101:A:ILE:HD12	1:115:A:ALA:H	8	0.22	0.08	0.23
(30,769)	1:101:A:ILE:HD13	1:115:A:ALA:H	8	0.22	0.08	0.23
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	8	0.22	0.04	0.22
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	8	0.22	0.04	0.22
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	8	0.22	0.04	0.22
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	8	0.22	0.04	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	8	0.22	0.04	0.22
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	8	0.22	0.04	0.22
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	8	0.22	0.04	0.22
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	8	0.22	0.04	0.22
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	8	0.22	0.04	0.22
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	8	0.22	0.04	0.22
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	8	0.22	0.04	0.22
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	8	0.22	0.04	0.22
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	8	0.22	0.04	0.22
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	8	0.22	0.04	0.22
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	8	0.22	0.04	0.22
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	8	0.22	0.04	0.22
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	8	0.22	0.04	0.22
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	8	0.22	0.04	0.22
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	8	0.22	0.04	0.22
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	8	0.22	0.04	0.22
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	8	0.22	0.04	0.22
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	8	0.22	0.04	0.22
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	8	0.22	0.04	0.22
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	8	0.22	0.04	0.22
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	8	0.22	0.04	0.22
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	8	0.22	0.04	0.22
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	8	0.22	0.04	0.22
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	8	0.22	0.04	0.22
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	8	0.22	0.04	0.22
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	8	0.22	0.04	0.22
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	8	0.22	0.04	0.22
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	8	0.22	0.04	0.22
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	8	0.22	0.04	0.22
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	8	0.22	0.04	0.22
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	8	0.22	0.04	0.22
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	8	0.22	0.04	0.22
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	8	0.22	0.04	0.22
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	8	0.22	0.04	0.22
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	8	0.22	0.04	0.22
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	8	0.22	0.04	0.22
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	8	0.22	0.04	0.22
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	8	0.22	0.04	0.22
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	8	0.22	0.04	0.22
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	8	0.22	0.04	0.22
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	8	0.22	0.04	0.22
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	8	0.22	0.04	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	8	0.22	0.04	0.22
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	8	0.22	0.04	0.22
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	8	0.22	0.04	0.22
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	8	0.22	0.04	0.22
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	8	0.22	0.04	0.22
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	8	0.22	0.04	0.22
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	8	0.22	0.04	0.22
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	8	0.22	0.04	0.22
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	8	0.22	0.04	0.22
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	8	0.22	0.04	0.22
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	8	0.22	0.04	0.22
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	8	0.22	0.04	0.22
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	8	0.22	0.04	0.22
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	8	0.22	0.04	0.22
(15,1177)	1:128:A:LEU:HD21	1:129:A:LYS:H	8	0.22	0.04	0.22
(15,1177)	1:128:A:LEU:HD22	1:129:A:LYS:H	8	0.22	0.04	0.22
(15,1177)	1:128:A:LEU:HD23	1:129:A:LYS:H	8	0.22	0.04	0.22
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG11	8	0.22	0.09	0.2
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG12	8	0.22	0.09	0.2
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG13	8	0.22	0.09	0.2
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG21	8	0.22	0.09	0.2
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG22	8	0.22	0.09	0.2
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG23	8	0.22	0.09	0.2
(7,2248)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	8	0.21	0.08	0.2
(7,2248)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	8	0.21	0.08	0.2
(32,2271)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	8	0.21	0.08	0.2
(32,2271)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	8	0.21	0.08	0.2
(11,673)	1:120:A:CYS:H	1:121:A:VAL:HG11	8	0.19	0.05	0.18
(11,673)	1:120:A:CYS:H	1:121:A:VAL:HG12	8	0.19	0.05	0.18
(11,673)	1:120:A:CYS:H	1:121:A:VAL:HG13	8	0.19	0.05	0.18
(16,681)	1:120:A:CYS:H	1:121:A:VAL:HG11	8	0.19	0.05	0.18
(16,681)	1:120:A:CYS:H	1:121:A:VAL:HG12	8	0.19	0.05	0.18
(16,681)	1:120:A:CYS:H	1:121:A:VAL:HG13	8	0.19	0.05	0.18
(18,686)	1:120:A:CYS:H	1:121:A:VAL:HG11	8	0.19	0.05	0.18
(18,686)	1:120:A:CYS:H	1:121:A:VAL:HG12	8	0.19	0.05	0.18
(18,686)	1:120:A:CYS:H	1:121:A:VAL:HG13	8	0.19	0.05	0.18
(29,679)	1:120:A:CYS:H	1:121:A:VAL:HG11	8	0.19	0.05	0.18
(29,679)	1:120:A:CYS:H	1:121:A:VAL:HG12	8	0.19	0.05	0.18
(29,679)	1:120:A:CYS:H	1:121:A:VAL:HG13	8	0.19	0.05	0.18
(33,670)	1:120:A:CYS:H	1:121:A:VAL:HG11	8	0.19	0.05	0.18
(33,670)	1:120:A:CYS:H	1:121:A:VAL:HG12	8	0.19	0.05	0.18
(33,670)	1:120:A:CYS:H	1:121:A:VAL:HG13	8	0.19	0.05	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,476)	1:147:A:ARG:HG2	1:148:A:CYS:H	8	0.18	0.05	0.18
(17,476)	1:147:A:ARG:HG3	1:148:A:CYS:H	8	0.18	0.05	0.18
(29,486)	1:147:A:ARG:HG2	1:148:A:CYS:H	8	0.18	0.05	0.18
(29,486)	1:147:A:ARG:HG3	1:148:A:CYS:H	8	0.18	0.05	0.18
(32,16)	1:93:A:GLU:HG2	1:94:A:ALA:H	8	0.18	0.06	0.2
(32,16)	1:93:A:GLU:HG3	1:94:A:ALA:H	8	0.18	0.06	0.2
(33,20)	1:93:A:GLU:HG2	1:94:A:ALA:H	8	0.18	0.06	0.2
(33,20)	1:93:A:GLU:HG3	1:94:A:ALA:H	8	0.18	0.06	0.2
(7,2315)	1:107:A:LEU:HD11	1:108:A:GLU:H	8	0.18	0.1	0.14
(7,2315)	1:107:A:LEU:HD12	1:108:A:GLU:H	8	0.18	0.1	0.14
(7,2315)	1:107:A:LEU:HD13	1:108:A:GLU:H	8	0.18	0.1	0.14
(7,2315)	1:107:A:LEU:HD21	1:108:A:GLU:H	8	0.18	0.1	0.14
(7,2315)	1:107:A:LEU:HD22	1:108:A:GLU:H	8	0.18	0.1	0.14
(7,2315)	1:107:A:LEU:HD23	1:108:A:GLU:H	8	0.18	0.1	0.14
(11,1099)	1:48:A:ARG:H	1:48:A:ARG:HG2	8	0.17	0.02	0.16
(11,1099)	1:48:A:ARG:H	1:48:A:ARG:HG3	8	0.17	0.02	0.16
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG11	8	0.16	0.04	0.16
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG12	8	0.16	0.04	0.16
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG13	8	0.16	0.04	0.16
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG21	8	0.16	0.04	0.16
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG22	8	0.16	0.04	0.16
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG23	8	0.16	0.04	0.16
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG11	8	0.16	0.04	0.16
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG12	8	0.16	0.04	0.16
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG13	8	0.16	0.04	0.16
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG21	8	0.16	0.04	0.16
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG22	8	0.16	0.04	0.16
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG23	8	0.16	0.04	0.16
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG11	8	0.16	0.04	0.16
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG12	8	0.16	0.04	0.16
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG13	8	0.16	0.04	0.16
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG21	8	0.16	0.04	0.16
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG22	8	0.16	0.04	0.16
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG23	8	0.16	0.04	0.16
(2,1388)	1:49:A:LYS:H	1:50:A:ALA:HA	8	0.14	0.02	0.14
(3,478)	1:103:A:ARG:H	1:103:A:ARG:HG2	8	0.14	0.03	0.12
(3,478)	1:103:A:ARG:H	1:103:A:ARG:HG3	8	0.14	0.03	0.12
(9,480)	1:103:A:ARG:H	1:103:A:ARG:HG2	8	0.14	0.03	0.12
(9,480)	1:103:A:ARG:H	1:103:A:ARG:HG3	8	0.14	0.03	0.12
(13,471)	1:103:A:ARG:H	1:103:A:ARG:HG2	8	0.14	0.03	0.12
(13,471)	1:103:A:ARG:H	1:103:A:ARG:HG3	8	0.14	0.03	0.12
(17,469)	1:103:A:ARG:H	1:103:A:ARG:HG2	8	0.14	0.03	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,469)	1:103:A:ARG:H	1:103:A:ARG:HG3	8	0.14	0.03	0.12
(33,472)	1:103:A:ARG:H	1:103:A:ARG:HG2	8	0.14	0.03	0.12
(33,472)	1:103:A:ARG:H	1:103:A:ARG:HG3	8	0.14	0.03	0.12
(24,33)	1:116:A:GLN:H	1:112:A:GLN:O	8	0.14	0.02	0.14
(9,475)	1:14:A:VAL:H	1:14:A:VAL:HG11	8	0.11	0.0	0.11
(9,475)	1:14:A:VAL:H	1:14:A:VAL:HG12	8	0.11	0.0	0.11
(9,475)	1:14:A:VAL:H	1:14:A:VAL:HG13	8	0.11	0.0	0.11
(11,470)	1:14:A:VAL:H	1:14:A:VAL:HG11	8	0.11	0.0	0.11
(11,470)	1:14:A:VAL:H	1:14:A:VAL:HG12	8	0.11	0.0	0.11
(11,470)	1:14:A:VAL:H	1:14:A:VAL:HG13	8	0.11	0.0	0.11
(18,483)	1:14:A:VAL:H	1:14:A:VAL:HG11	8	0.11	0.0	0.11
(18,483)	1:14:A:VAL:H	1:14:A:VAL:HG12	8	0.11	0.0	0.11
(18,483)	1:14:A:VAL:H	1:14:A:VAL:HG13	8	0.11	0.0	0.11
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD11	7	2.39	0.67	2.7
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD12	7	2.39	0.67	2.7
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD13	7	2.39	0.67	2.7
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD21	7	2.39	0.67	2.7
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD22	7	2.39	0.67	2.7
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD23	7	2.39	0.67	2.7
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD11	7	2.39	0.67	2.7
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD12	7	2.39	0.67	2.7
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD13	7	2.39	0.67	2.7
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD21	7	2.39	0.67	2.7
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD22	7	2.39	0.67	2.7
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD23	7	2.39	0.67	2.7
(3,1997)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(3,1997)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(3,1997)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(3,1997)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(3,1997)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(3,1997)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(4,1960)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(4,1960)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(4,1960)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(4,1960)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(4,1960)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(4,1960)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(11,1994)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(11,1994)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(11,1994)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(11,1994)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(11,1994)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	7	2.1	0.7	2.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,1994)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(13,1933)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(13,1933)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(13,1933)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(13,1933)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(13,1933)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(13,1933)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(18,1972)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(18,1972)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(18,1972)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(18,1972)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(18,1972)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(18,1972)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(29,1993)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(29,1993)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(29,1993)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(29,1993)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(29,1993)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(29,1993)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(34,1973)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(34,1973)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(34,1973)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(34,1973)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(34,1973)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(34,1973)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	7	2.1	0.7	2.09
(1,1877)	1:18:A:PHE:HA	1:113:A:PHE:HE1	7	1.72	1.55	0.97
(1,1877)	1:18:A:PHE:HA	1:113:A:PHE:HE2	7	1.72	1.55	0.97
(3,1891)	1:18:A:PHE:HA	1:113:A:PHE:HE1	7	1.72	1.55	0.97
(3,1891)	1:18:A:PHE:HA	1:113:A:PHE:HE2	7	1.72	1.55	0.97
(7,1833)	1:18:A:PHE:HA	1:113:A:PHE:HE1	7	1.72	1.55	0.97
(7,1833)	1:18:A:PHE:HA	1:113:A:PHE:HE2	7	1.72	1.55	0.97
(15,1846)	1:18:A:PHE:HA	1:113:A:PHE:HE1	7	1.72	1.55	0.97
(15,1846)	1:18:A:PHE:HA	1:113:A:PHE:HE2	7	1.72	1.55	0.97
(17,1879)	1:18:A:PHE:HA	1:113:A:PHE:HE1	7	1.72	1.55	0.97
(17,1879)	1:18:A:PHE:HA	1:113:A:PHE:HE2	7	1.72	1.55	0.97
(9,153)	1:67:A:PRO:HD3	1:95:A:ILE:H	7	1.6	0.97	1.09
(1,1341)	1:105:A:LYS:HD2	1:106:A:ASP:HA	7	1.59	0.78	1.91
(1,1341)	1:105:A:LYS:HD3	1:106:A:ASP:HA	7	1.59	0.78	1.91
(2,1340)	1:105:A:LYS:HD2	1:106:A:ASP:HA	7	1.59	0.78	1.91
(2,1340)	1:105:A:LYS:HD3	1:106:A:ASP:HA	7	1.59	0.78	1.91
(3,1366)	1:105:A:LYS:HD2	1:106:A:ASP:HA	7	1.59	0.78	1.91
(3,1366)	1:105:A:LYS:HD3	1:106:A:ASP:HA	7	1.59	0.78	1.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,1359)	1:105:A:LYS:HD2	1:106:A:ASP:HA	7	1.59	0.78	1.91
(5,1359)	1:105:A:LYS:HD3	1:106:A:ASP:HA	7	1.59	0.78	1.91
(7,1321)	1:105:A:LYS:HD2	1:106:A:ASP:HA	7	1.59	0.78	1.91
(7,1321)	1:105:A:LYS:HD3	1:106:A:ASP:HA	7	1.59	0.78	1.91
(13,1313)	1:105:A:LYS:HD2	1:106:A:ASP:HA	7	1.59	0.78	1.91
(13,1313)	1:105:A:LYS:HD3	1:106:A:ASP:HA	7	1.59	0.78	1.91
(16,1345)	1:105:A:LYS:HD2	1:106:A:ASP:HA	7	1.59	0.78	1.91
(16,1345)	1:105:A:LYS:HD3	1:106:A:ASP:HA	7	1.59	0.78	1.91
(17,1353)	1:105:A:LYS:HD2	1:106:A:ASP:HA	7	1.59	0.78	1.91
(17,1353)	1:105:A:LYS:HD3	1:106:A:ASP:HA	7	1.59	0.78	1.91
(18,1334)	1:105:A:LYS:HD2	1:106:A:ASP:HA	7	1.59	0.78	1.91
(18,1334)	1:105:A:LYS:HD3	1:106:A:ASP:HA	7	1.59	0.78	1.91
(29,1346)	1:105:A:LYS:HD2	1:106:A:ASP:HA	7	1.59	0.78	1.91
(29,1346)	1:105:A:LYS:HD3	1:106:A:ASP:HA	7	1.59	0.78	1.91
(30,1334)	1:105:A:LYS:HD2	1:106:A:ASP:HA	7	1.59	0.78	1.91
(30,1334)	1:105:A:LYS:HD3	1:106:A:ASP:HA	7	1.59	0.78	1.91
(32,1309)	1:105:A:LYS:HD2	1:106:A:ASP:HA	7	1.59	0.78	1.91
(32,1309)	1:105:A:LYS:HD3	1:106:A:ASP:HA	7	1.59	0.78	1.91
(5,1395)	1:132:A:ALA:HA	1:134:A:VAL:HG21	7	1.58	0.15	1.56
(5,1395)	1:132:A:ALA:HA	1:134:A:VAL:HG22	7	1.58	0.15	1.56
(5,1395)	1:132:A:ALA:HA	1:134:A:VAL:HG23	7	1.58	0.15	1.56
(9,1644)	1:132:A:ALA:HA	1:134:A:VAL:HG21	7	1.58	0.15	1.56
(9,1644)	1:132:A:ALA:HA	1:134:A:VAL:HG22	7	1.58	0.15	1.56
(9,1644)	1:132:A:ALA:HA	1:134:A:VAL:HG23	7	1.58	0.15	1.56
(15,1649)	1:132:A:ALA:HA	1:134:A:VAL:HG21	7	1.58	0.15	1.56
(15,1649)	1:132:A:ALA:HA	1:134:A:VAL:HG22	7	1.58	0.15	1.56
(15,1649)	1:132:A:ALA:HA	1:134:A:VAL:HG23	7	1.58	0.15	1.56
(16,1380)	1:132:A:ALA:HA	1:134:A:VAL:HG21	7	1.58	0.15	1.56
(16,1380)	1:132:A:ALA:HA	1:134:A:VAL:HG22	7	1.58	0.15	1.56
(16,1380)	1:132:A:ALA:HA	1:134:A:VAL:HG23	7	1.58	0.15	1.56
(29,1383)	1:132:A:ALA:HA	1:134:A:VAL:HG21	7	1.58	0.15	1.56
(29,1383)	1:132:A:ALA:HA	1:134:A:VAL:HG22	7	1.58	0.15	1.56
(29,1383)	1:132:A:ALA:HA	1:134:A:VAL:HG23	7	1.58	0.15	1.56
(30,1374)	1:132:A:ALA:HA	1:134:A:VAL:HG21	7	1.58	0.15	1.56
(30,1374)	1:132:A:ALA:HA	1:134:A:VAL:HG22	7	1.58	0.15	1.56
(30,1374)	1:132:A:ALA:HA	1:134:A:VAL:HG23	7	1.58	0.15	1.56
(32,1611)	1:132:A:ALA:HA	1:134:A:VAL:HG21	7	1.58	0.15	1.56
(32,1611)	1:132:A:ALA:HA	1:134:A:VAL:HG22	7	1.58	0.15	1.56
(32,1611)	1:132:A:ALA:HA	1:134:A:VAL:HG23	7	1.58	0.15	1.56
(11,1029)	1:34:A:LYS:H	1:81:A:GLU:HB3	7	1.49	1.27	0.58
(17,1023)	1:34:A:LYS:H	1:81:A:GLU:HB3	7	1.49	1.27	0.58
(29,1031)	1:34:A:LYS:H	1:81:A:GLU:HB3	7	1.49	1.27	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,751)	1:32:A:GLY:HA2	1:34:A:LYS:H	7	1.43	0.75	1.54
(18,774)	1:32:A:GLY:HA2	1:34:A:LYS:H	7	1.43	0.75	1.54
(5,1033)	1:11:A:ILE:HG13	1:44:A:GLU:HG3	7	1.43	0.74	1.96
(17,1669)	1:132:A:ALA:HA	1:134:A:VAL:HG21	7	1.41	0.15	1.39
(17,1669)	1:132:A:ALA:HA	1:134:A:VAL:HG22	7	1.41	0.15	1.39
(17,1669)	1:132:A:ALA:HA	1:134:A:VAL:HG23	7	1.41	0.15	1.39
(16,1637)	1:132:A:ALA:HB1	1:134:A:VAL:HG21	7	1.36	0.03	1.35
(16,1637)	1:132:A:ALA:HB1	1:134:A:VAL:HG22	7	1.36	0.03	1.35
(16,1637)	1:132:A:ALA:HB1	1:134:A:VAL:HG23	7	1.36	0.03	1.35
(16,1637)	1:132:A:ALA:HB2	1:134:A:VAL:HG21	7	1.36	0.03	1.35
(16,1637)	1:132:A:ALA:HB2	1:134:A:VAL:HG22	7	1.36	0.03	1.35
(16,1637)	1:132:A:ALA:HB2	1:134:A:VAL:HG23	7	1.36	0.03	1.35
(16,1637)	1:132:A:ALA:HB3	1:134:A:VAL:HG21	7	1.36	0.03	1.35
(16,1637)	1:132:A:ALA:HB3	1:134:A:VAL:HG22	7	1.36	0.03	1.35
(16,1637)	1:132:A:ALA:HB3	1:134:A:VAL:HG23	7	1.36	0.03	1.35
(3,1743)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	7	1.34	0.72	1.26
(3,1743)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	7	1.34	0.72	1.26
(3,1743)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	7	1.34	0.72	1.26
(4,1689)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	7	1.34	0.72	1.26
(4,1689)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	7	1.34	0.72	1.26
(4,1689)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	7	1.34	0.72	1.26
(6,1713)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	7	1.34	0.72	1.26
(6,1713)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	7	1.34	0.72	1.26
(6,1713)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	7	1.34	0.72	1.26
(9,1704)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	7	1.34	0.72	1.26
(9,1704)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	7	1.34	0.72	1.26
(9,1704)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	7	1.34	0.72	1.26
(34,1722)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	7	1.34	0.72	1.26
(34,1722)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	7	1.34	0.72	1.26
(34,1722)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	7	1.34	0.72	1.26
(5,1310)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	7	1.33	0.48	1.47
(5,1310)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	7	1.33	0.48	1.47
(5,1310)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	7	1.33	0.48	1.47
(5,1310)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	7	1.33	0.48	1.47
(5,1310)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	7	1.33	0.48	1.47
(5,1310)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	7	1.33	0.48	1.47
(7,2029)	1:34:A:LYS:H	1:81:A:GLU:HB2	7	1.3	1.17	0.61
(7,2029)	1:34:A:LYS:H	1:81:A:GLU:HB3	7	1.3	1.17	0.61
(2,1949)	1:14:A:VAL:HB	1:18:A:PHE:HZ	7	1.3	0.81	1.13
(3,1950)	1:14:A:VAL:HB	1:18:A:PHE:HZ	7	1.3	0.81	1.13
(9,1919)	1:14:A:VAL:HB	1:18:A:PHE:HZ	7	1.3	0.81	1.13
(16,1907)	1:14:A:VAL:HB	1:18:A:PHE:HZ	7	1.3	0.81	1.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,1938)	1:14:A:VAL:HB	1:18:A:PHE:HZ	7	1.3	0.81	1.13
(18,1910)	1:14:A:VAL:HB	1:18:A:PHE:HZ	7	1.3	0.81	1.13
(29,1938)	1:14:A:VAL:HB	1:18:A:PHE:HZ	7	1.3	0.81	1.13
(30,1921)	1:14:A:VAL:HB	1:18:A:PHE:HZ	7	1.3	0.81	1.13
(32,1884)	1:14:A:VAL:HB	1:18:A:PHE:HZ	7	1.3	0.81	1.13
(34,1928)	1:14:A:VAL:HB	1:18:A:PHE:HZ	7	1.3	0.81	1.13
(1,1353)	1:141:A:LYS:HB2	1:149:A:ALA:HA	7	1.29	0.89	1.19
(1,1353)	1:141:A:LYS:HB3	1:149:A:ALA:HA	7	1.29	0.89	1.19
(4,1334)	1:141:A:LYS:HB2	1:149:A:ALA:HA	7	1.29	0.89	1.19
(4,1334)	1:141:A:LYS:HB3	1:149:A:ALA:HA	7	1.29	0.89	1.19
(6,1071)	1:48:A:ARG:HG2	1:49:A:LYS:HA	7	1.29	0.07	1.31
(6,1071)	1:48:A:ARG:HG3	1:49:A:LYS:HA	7	1.29	0.07	1.31
(17,1365)	1:141:A:LYS:HB2	1:149:A:ALA:HA	7	1.29	0.89	1.19
(17,1365)	1:141:A:LYS:HB3	1:149:A:ALA:HA	7	1.29	0.89	1.19
(18,1343)	1:141:A:LYS:HB2	1:149:A:ALA:HA	7	1.29	0.89	1.19
(18,1343)	1:141:A:LYS:HB3	1:149:A:ALA:HA	7	1.29	0.89	1.19
(29,1098)	1:48:A:ARG:HG2	1:49:A:LYS:HA	7	1.29	0.07	1.31
(29,1098)	1:48:A:ARG:HG3	1:49:A:LYS:HA	7	1.29	0.07	1.31
(2,2081)	1:34:A:LYS:H	1:81:A:GLU:HB2	7	1.27	1.17	0.58
(2,2081)	1:34:A:LYS:H	1:81:A:GLU:HB3	7	1.27	1.17	0.58
(13,2021)	1:34:A:LYS:H	1:81:A:GLU:HB2	7	1.27	1.17	0.58
(13,2021)	1:34:A:LYS:H	1:81:A:GLU:HB3	7	1.27	1.17	0.58
(34,2069)	1:34:A:LYS:H	1:81:A:GLU:HB2	7	1.27	1.17	0.58
(34,2069)	1:34:A:LYS:H	1:81:A:GLU:HB3	7	1.27	1.17	0.58
(2,1662)	1:47:A:ALA:H	1:134:A:VAL:HG11	7	1.27	0.6	1.25
(2,1662)	1:47:A:ALA:H	1:134:A:VAL:HG12	7	1.27	0.6	1.25
(2,1662)	1:47:A:ALA:H	1:134:A:VAL:HG13	7	1.27	0.6	1.25
(29,1894)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	7	1.27	0.62	1.26
(29,1894)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	7	1.27	0.62	1.26
(29,1894)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	7	1.27	0.62	1.26
(29,1894)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	7	1.27	0.62	1.26
(33,2070)	1:34:A:LYS:HG2	1:81:A:GLU:HB2	7	1.23	1.0	0.6
(33,2070)	1:34:A:LYS:HG2	1:81:A:GLU:HB3	7	1.23	1.0	0.6
(33,2070)	1:34:A:LYS:HG3	1:81:A:GLU:HB2	7	1.23	1.0	0.6
(33,2070)	1:34:A:LYS:HG3	1:81:A:GLU:HB3	7	1.23	1.0	0.6
(3,714)	1:23:A:LEU:HB2	1:27:A:ARG:HE	7	1.22	0.45	1.17
(3,714)	1:23:A:LEU:HB3	1:27:A:ARG:HE	7	1.22	0.45	1.17
(29,714)	1:23:A:LEU:HB2	1:27:A:ARG:HE	7	1.22	0.45	1.17
(29,714)	1:23:A:LEU:HB3	1:27:A:ARG:HE	7	1.22	0.45	1.17
(13,1612)	1:47:A:ALA:H	1:134:A:VAL:HG11	7	1.22	0.6	1.2
(13,1612)	1:47:A:ALA:H	1:134:A:VAL:HG12	7	1.22	0.6	1.2
(13,1612)	1:47:A:ALA:H	1:134:A:VAL:HG13	7	1.22	0.6	1.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,567)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	7	1.22	0.54	1.46
(3,567)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	7	1.22	0.54	1.46
(3,567)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	7	1.22	0.54	1.46
(13,1152)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	7	1.21	0.74	1.16
(13,1152)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	7	1.21	0.74	1.16
(13,1152)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	7	1.21	0.74	1.16
(18,1183)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	7	1.21	0.74	1.16
(18,1183)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	7	1.21	0.74	1.16
(18,1183)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	7	1.21	0.74	1.16
(34,1202)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	7	1.21	0.74	1.16
(34,1202)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	7	1.21	0.74	1.16
(34,1202)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	7	1.21	0.74	1.16
(7,998)	1:34:A:LYS:H	1:81:A:GLU:HB2	7	1.19	1.47	0.49
(2,1078)	1:48:A:ARG:HG2	1:49:A:LYS:HA	7	1.18	0.07	1.2
(2,1078)	1:48:A:ARG:HG3	1:49:A:LYS:HA	7	1.18	0.07	1.2
(30,1347)	1:141:A:LYS:HB2	1:149:A:ALA:HA	7	1.18	0.89	1.08
(30,1347)	1:141:A:LYS:HB3	1:149:A:ALA:HA	7	1.18	0.89	1.08
(17,2078)	1:34:A:LYS:H	1:81:A:GLU:HB2	7	1.17	1.17	0.48
(17,2078)	1:34:A:LYS:H	1:81:A:GLU:HB3	7	1.17	1.17	0.48
(29,2079)	1:34:A:LYS:H	1:81:A:GLU:HB2	7	1.17	1.17	0.48
(29,2079)	1:34:A:LYS:H	1:81:A:GLU:HB3	7	1.17	1.17	0.48
(6,1168)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	7	1.17	0.74	1.12
(6,1168)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	7	1.17	0.74	1.12
(6,1168)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	7	1.17	0.74	1.12
(33,2069)	1:34:A:LYS:H	1:81:A:GLU:HB2	7	1.16	1.17	0.47
(33,2069)	1:34:A:LYS:H	1:81:A:GLU:HB3	7	1.16	1.17	0.47
(3,1211)	1:34:A:LYS:HG2	1:81:A:GLU:HA	7	1.16	0.82	1.39
(3,1211)	1:34:A:LYS:HG3	1:81:A:GLU:HA	7	1.16	0.82	1.39
(15,1939)	1:11:A:ILE:HG13	1:44:A:GLU:HG2	7	1.14	0.66	1.55
(15,1939)	1:11:A:ILE:HG13	1:44:A:GLU:HG3	7	1.14	0.66	1.55
(7,795)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	7	1.14	0.38	1.26
(29,2078)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	7	1.13	0.67	1.55
(29,2078)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	7	1.13	0.67	1.55
(29,2078)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	7	1.13	0.67	1.55
(29,2078)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	7	1.13	0.67	1.55
(11,1186)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	7	1.11	0.74	1.06
(11,1186)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	7	1.11	0.74	1.06
(11,1186)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	7	1.11	0.74	1.06
(29,2138)	1:40:A:LEU:HD11	1:41:A:LYS:HA	7	1.1	0.54	1.4
(29,2138)	1:40:A:LEU:HD12	1:41:A:LYS:HA	7	1.1	0.54	1.4
(29,2138)	1:40:A:LEU:HD13	1:41:A:LYS:HA	7	1.1	0.54	1.4
(29,2138)	1:40:A:LEU:HD21	1:41:A:LYS:HA	7	1.1	0.54	1.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,2138)	1:40:A:LEU:HD22	1:41:A:LYS:HA	7	1.1	0.54	1.4
(29,2138)	1:40:A:LEU:HD23	1:41:A:LYS:HA	7	1.1	0.54	1.4
(16,1005)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	7	1.09	0.53	1.07
(16,1005)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	7	1.09	0.53	1.07
(6,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	7	1.09	0.62	1.08
(6,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	7	1.09	0.62	1.08
(6,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	7	1.09	0.62	1.08
(6,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	7	1.09	0.62	1.08
(34,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	7	1.09	0.62	1.08
(34,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	7	1.09	0.62	1.08
(34,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	7	1.09	0.62	1.08
(34,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	7	1.09	0.62	1.08
(15,1175)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	7	1.08	0.74	1.03
(15,1175)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	7	1.08	0.74	1.03
(15,1175)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	7	1.08	0.74	1.03
(9,985)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	7	1.07	0.53	1.05
(9,985)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	7	1.07	0.53	1.05
(29,998)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	7	1.07	0.53	1.05
(29,998)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	7	1.07	0.53	1.05
(2,1170)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	7	1.07	0.74	1.02
(2,1170)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	7	1.07	0.74	1.02
(2,1170)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	7	1.07	0.74	1.02
(18,2251)	1:69:A:MET:HG2	1:70:A:LYS:HG2	7	1.04	0.41	0.89
(18,2251)	1:69:A:MET:HG3	1:70:A:LYS:HG2	7	1.04	0.41	0.89
(6,1871)	1:9:A:PHE:HE1	1:14:A:VAL:HB	7	1.03	0.4	1.12
(6,1871)	1:9:A:PHE:HE2	1:14:A:VAL:HB	7	1.03	0.4	1.12
(6,701)	1:23:A:LEU:HB2	1:27:A:ARG:HE	7	0.99	0.45	0.94
(6,701)	1:23:A:LEU:HB3	1:27:A:ARG:HE	7	0.99	0.45	0.94
(1,567)	1:10:A:ASN:HD21	1:12:A:VAL:HG21	7	0.98	0.63	0.89
(1,567)	1:10:A:ASN:HD21	1:12:A:VAL:HG22	7	0.98	0.63	0.89
(1,567)	1:10:A:ASN:HD21	1:12:A:VAL:HG23	7	0.98	0.63	0.89
(2,2147)	1:40:A:LEU:HD11	1:45:A:ALA:H	7	0.98	0.31	0.95
(2,2147)	1:40:A:LEU:HD12	1:45:A:ALA:H	7	0.98	0.31	0.95
(2,2147)	1:40:A:LEU:HD13	1:45:A:ALA:H	7	0.98	0.31	0.95
(2,2147)	1:40:A:LEU:HD21	1:45:A:ALA:H	7	0.98	0.31	0.95
(2,2147)	1:40:A:LEU:HD22	1:45:A:ALA:H	7	0.98	0.31	0.95
(2,2147)	1:40:A:LEU:HD23	1:45:A:ALA:H	7	0.98	0.31	0.95
(11,2148)	1:40:A:LEU:HD11	1:45:A:ALA:H	7	0.98	0.31	0.95
(11,2148)	1:40:A:LEU:HD12	1:45:A:ALA:H	7	0.98	0.31	0.95
(11,2148)	1:40:A:LEU:HD13	1:45:A:ALA:H	7	0.98	0.31	0.95
(11,2148)	1:40:A:LEU:HD21	1:45:A:ALA:H	7	0.98	0.31	0.95
(11,2148)	1:40:A:LEU:HD22	1:45:A:ALA:H	7	0.98	0.31	0.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,2148)	1:40:A:LEU:HD23	1:45:A:ALA:H	7	0.98	0.31	0.95
(29,2145)	1:40:A:LEU:HD11	1:45:A:ALA:H	7	0.98	0.31	0.95
(29,2145)	1:40:A:LEU:HD12	1:45:A:ALA:H	7	0.98	0.31	0.95
(29,2145)	1:40:A:LEU:HD13	1:45:A:ALA:H	7	0.98	0.31	0.95
(29,2145)	1:40:A:LEU:HD21	1:45:A:ALA:H	7	0.98	0.31	0.95
(29,2145)	1:40:A:LEU:HD22	1:45:A:ALA:H	7	0.98	0.31	0.95
(29,2145)	1:40:A:LEU:HD23	1:45:A:ALA:H	7	0.98	0.31	0.95
(30,2148)	1:40:A:LEU:HD11	1:45:A:ALA:H	7	0.98	0.31	0.95
(30,2148)	1:40:A:LEU:HD12	1:45:A:ALA:H	7	0.98	0.31	0.95
(30,2148)	1:40:A:LEU:HD13	1:45:A:ALA:H	7	0.98	0.31	0.95
(30,2148)	1:40:A:LEU:HD21	1:45:A:ALA:H	7	0.98	0.31	0.95
(30,2148)	1:40:A:LEU:HD22	1:45:A:ALA:H	7	0.98	0.31	0.95
(30,2148)	1:40:A:LEU:HD23	1:45:A:ALA:H	7	0.98	0.31	0.95
(34,2142)	1:40:A:LEU:HD11	1:45:A:ALA:H	7	0.98	0.31	0.95
(34,2142)	1:40:A:LEU:HD12	1:45:A:ALA:H	7	0.98	0.31	0.95
(34,2142)	1:40:A:LEU:HD13	1:45:A:ALA:H	7	0.98	0.31	0.95
(34,2142)	1:40:A:LEU:HD21	1:45:A:ALA:H	7	0.98	0.31	0.95
(34,2142)	1:40:A:LEU:HD22	1:45:A:ALA:H	7	0.98	0.31	0.95
(34,2142)	1:40:A:LEU:HD23	1:45:A:ALA:H	7	0.98	0.31	0.95
(6,1798)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	7	0.98	0.12	1.0
(6,1798)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	7	0.98	0.12	1.0
(6,1798)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	7	0.98	0.12	1.0
(6,1798)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	7	0.98	0.12	1.0
(1,1007)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	7	0.97	0.53	0.95
(1,1007)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	7	0.97	0.53	0.95
(3,2085)	1:32:A:GLY:HA2	1:34:A:LYS:H	7	0.95	0.54	1.07
(3,2085)	1:32:A:GLY:HA3	1:34:A:LYS:H	7	0.95	0.54	1.07
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG11	7	0.95	0.61	0.87
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG12	7	0.95	0.61	0.87
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG13	7	0.95	0.61	0.87
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG21	7	0.95	0.61	0.87
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG22	7	0.95	0.61	0.87
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG23	7	0.95	0.61	0.87
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG11	7	0.95	0.61	0.87
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG12	7	0.95	0.61	0.87
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG13	7	0.95	0.61	0.87
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG21	7	0.95	0.61	0.87
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG22	7	0.95	0.61	0.87
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG23	7	0.95	0.61	0.87
(33,2151)	1:43:A:MET:HE1	1:46:A:ASN:HB2	7	0.95	0.57	0.73
(33,2151)	1:43:A:MET:HE1	1:46:A:ASN:HB3	7	0.95	0.57	0.73
(33,2151)	1:43:A:MET:HE2	1:46:A:ASN:HB2	7	0.95	0.57	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,2151)	1:43:A:MET:HE2	1:46:A:ASN:HB3	7	0.95	0.57	0.73
(33,2151)	1:43:A:MET:HE3	1:46:A:ASN:HB2	7	0.95	0.57	0.73
(33,2151)	1:43:A:MET:HE3	1:46:A:ASN:HB3	7	0.95	0.57	0.73
(30,1261)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	7	0.94	0.83	0.41
(30,1261)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	7	0.94	0.83	0.41
(30,1261)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	7	0.94	0.83	0.41
(30,1261)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	7	0.94	0.83	0.41
(30,1261)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	7	0.94	0.83	0.41
(30,1261)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	7	0.94	0.83	0.41
(18,1869)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	7	0.93	0.18	0.95
(18,1869)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	7	0.93	0.18	0.95
(18,1869)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	7	0.93	0.18	0.95
(18,1869)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	7	0.93	0.18	0.95
(29,1899)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	7	0.93	0.18	0.95
(29,1899)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	7	0.93	0.18	0.95
(29,1899)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	7	0.93	0.18	0.95
(29,1899)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	7	0.93	0.18	0.95
(34,1890)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	7	0.93	0.18	0.95
(34,1890)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	7	0.93	0.18	0.95
(34,1890)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	7	0.93	0.18	0.95
(34,1890)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	7	0.93	0.18	0.95
(4,1886)	1:35:A:LEU:HG	1:80:A:TYR:HE1	7	0.91	0.33	0.93
(4,1886)	1:35:A:LEU:HG	1:80:A:TYR:HE2	7	0.91	0.33	0.93
(16,1897)	1:35:A:LEU:HG	1:80:A:TYR:HE1	7	0.91	0.33	0.93
(16,1897)	1:35:A:LEU:HG	1:80:A:TYR:HE2	7	0.91	0.33	0.93
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	7	0.91	0.32	1.04
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	7	0.91	0.32	1.04
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	7	0.91	0.32	1.04
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	7	0.91	0.32	1.04
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	7	0.91	0.32	1.04
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	7	0.91	0.32	1.04
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	7	0.91	0.32	1.04
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	7	0.91	0.32	1.04
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	7	0.91	0.32	1.04
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	7	0.91	0.32	1.04
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	7	0.91	0.32	1.04
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	7	0.91	0.32	1.04
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	7	0.91	0.32	1.04
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	7	0.91	0.32	1.04
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	7	0.91	0.32	1.04
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	7	0.91	0.32	1.04
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	7	0.91	0.32	1.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	7	0.91	0.32	1.04
(2,1811)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	7	0.89	0.54	0.88
(2,1811)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	7	0.89	0.54	0.88
(2,1811)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	7	0.89	0.54	0.88
(2,1811)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	7	0.89	0.54	0.88
(2,1811)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	7	0.89	0.54	0.88
(2,1811)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	7	0.89	0.54	0.88
(5,306)	1:40:A:LEU:HD11	1:43:A:MET:H	7	0.88	0.27	0.79
(5,306)	1:40:A:LEU:HD12	1:43:A:MET:H	7	0.88	0.27	0.79
(5,306)	1:40:A:LEU:HD13	1:43:A:MET:H	7	0.88	0.27	0.79
(5,1334)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	7	0.87	0.39	0.91
(5,1334)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	7	0.87	0.39	0.91
(5,1334)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	7	0.87	0.39	0.91
(5,1334)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	7	0.87	0.39	0.91
(5,1334)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	7	0.87	0.39	0.91
(5,1334)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	7	0.87	0.39	0.91
(5,1334)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	7	0.87	0.39	0.91
(5,1334)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	7	0.87	0.39	0.91
(5,1334)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	7	0.87	0.39	0.91
(17,1882)	1:9:A:PHE:HE1	1:14:A:VAL:HB	7	0.87	0.4	0.96
(17,1882)	1:9:A:PHE:HE2	1:14:A:VAL:HB	7	0.87	0.4	0.96
(4,2429)	1:134:A:VAL:HG11	1:137:A:SER:HB2	7	0.87	0.38	0.85
(4,2429)	1:134:A:VAL:HG11	1:137:A:SER:HB3	7	0.87	0.38	0.85
(4,2429)	1:134:A:VAL:HG12	1:137:A:SER:HB2	7	0.87	0.38	0.85
(4,2429)	1:134:A:VAL:HG12	1:137:A:SER:HB3	7	0.87	0.38	0.85
(4,2429)	1:134:A:VAL:HG13	1:137:A:SER:HB2	7	0.87	0.38	0.85
(4,2429)	1:134:A:VAL:HG13	1:137:A:SER:HB3	7	0.87	0.38	0.85
(4,2429)	1:134:A:VAL:HG21	1:137:A:SER:HB2	7	0.87	0.38	0.85
(4,2429)	1:134:A:VAL:HG21	1:137:A:SER:HB3	7	0.87	0.38	0.85
(4,2429)	1:134:A:VAL:HG22	1:137:A:SER:HB2	7	0.87	0.38	0.85
(4,2429)	1:134:A:VAL:HG22	1:137:A:SER:HB3	7	0.87	0.38	0.85
(4,2429)	1:134:A:VAL:HG23	1:137:A:SER:HB2	7	0.87	0.38	0.85
(4,2429)	1:134:A:VAL:HG23	1:137:A:SER:HB3	7	0.87	0.38	0.85
(2,813)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	7	0.87	0.57	0.54
(2,813)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	7	0.87	0.57	0.54
(2,813)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	7	0.87	0.57	0.54
(7,807)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	7	0.87	0.57	0.54
(7,807)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	7	0.87	0.57	0.54
(7,807)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	7	0.87	0.57	0.54
(15,818)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	7	0.87	0.57	0.54
(15,818)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	7	0.87	0.57	0.54
(15,818)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	7	0.87	0.57	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,1926)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	7	0.87	0.51	1.08
(15,1926)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	7	0.87	0.51	1.08
(15,1926)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	7	0.87	0.51	1.08
(15,1926)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	7	0.87	0.51	1.08
(15,1926)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	7	0.87	0.51	1.08
(15,1926)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	7	0.87	0.51	1.08
(16,1933)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	7	0.87	0.51	1.08
(16,1933)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	7	0.87	0.51	1.08
(16,1933)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	7	0.87	0.51	1.08
(16,1933)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	7	0.87	0.51	1.08
(16,1933)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	7	0.87	0.51	1.08
(16,1933)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	7	0.87	0.51	1.08
(17,1964)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	7	0.87	0.51	1.08
(17,1964)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	7	0.87	0.51	1.08
(17,1964)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	7	0.87	0.51	1.08
(17,1964)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	7	0.87	0.51	1.08
(17,1964)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	7	0.87	0.51	1.08
(17,1964)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	7	0.87	0.51	1.08
(30,1948)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	7	0.87	0.51	1.08
(30,1948)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	7	0.87	0.51	1.08
(30,1948)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	7	0.87	0.51	1.08
(30,1948)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	7	0.87	0.51	1.08
(30,1948)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	7	0.87	0.51	1.08
(30,1948)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	7	0.87	0.51	1.08
(33,820)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	7	0.87	0.57	0.54
(33,820)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	7	0.87	0.57	0.54
(33,820)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	7	0.87	0.57	0.54
(1,1292)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	7	0.87	0.6	0.68
(1,1292)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	7	0.87	0.6	0.68
(1,1292)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	7	0.87	0.6	0.68
(16,1369)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	7	0.86	0.37	0.79
(16,1369)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	7	0.86	0.37	0.79
(16,1369)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	7	0.86	0.37	0.79
(17,1377)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	7	0.86	0.37	0.79
(17,1377)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	7	0.86	0.37	0.79
(17,1377)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	7	0.86	0.37	0.79
(29,1372)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	7	0.86	0.37	0.79
(29,1372)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	7	0.86	0.37	0.79
(29,1372)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	7	0.86	0.37	0.79
(34,804)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	7	0.86	0.51	0.81
(34,804)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	7	0.86	0.51	0.81
(34,804)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	7	0.86	0.51	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,804)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	7	0.86	0.51	0.81
(34,804)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	7	0.86	0.51	0.81
(34,804)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	7	0.86	0.51	0.81
(34,1661)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	7	0.86	0.37	0.79
(34,1661)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	7	0.86	0.37	0.79
(34,1661)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	7	0.86	0.37	0.79
(9,1267)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	7	0.84	0.67	0.55
(9,1267)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	7	0.84	0.67	0.55
(9,1267)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	7	0.84	0.67	0.55
(9,1267)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	7	0.84	0.67	0.55
(9,1267)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	7	0.84	0.67	0.55
(9,1267)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	7	0.84	0.67	0.55
(18,1268)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	7	0.84	0.67	0.55
(18,1268)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	7	0.84	0.67	0.55
(18,1268)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	7	0.84	0.67	0.55
(18,1268)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	7	0.84	0.67	0.55
(18,1268)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	7	0.84	0.67	0.55
(18,1268)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	7	0.84	0.67	0.55
(5,620)	1:67:A:PRO:HD2	1:96:A:VAL:H	7	0.83	0.35	0.78
(15,2106)	1:41:A:LYS:H	1:44:A:GLU:HG2	7	0.83	0.81	0.18
(15,2106)	1:41:A:LYS:H	1:44:A:GLU:HG3	7	0.83	0.81	0.18
(16,2143)	1:41:A:LYS:H	1:44:A:GLU:HG2	7	0.83	0.81	0.18
(16,2143)	1:41:A:LYS:H	1:44:A:GLU:HG3	7	0.83	0.81	0.18
(3,2171)	1:43:A:MET:HE1	1:46:A:ASN:HD21	7	0.82	0.24	0.77
(3,2171)	1:43:A:MET:HE1	1:46:A:ASN:HD22	7	0.82	0.24	0.77
(3,2171)	1:43:A:MET:HE2	1:46:A:ASN:HD21	7	0.82	0.24	0.77
(3,2171)	1:43:A:MET:HE2	1:46:A:ASN:HD22	7	0.82	0.24	0.77
(3,2171)	1:43:A:MET:HE3	1:46:A:ASN:HD21	7	0.82	0.24	0.77
(3,2171)	1:43:A:MET:HE3	1:46:A:ASN:HD22	7	0.82	0.24	0.77
(13,2097)	1:43:A:MET:HE1	1:46:A:ASN:HD21	7	0.82	0.24	0.77
(13,2097)	1:43:A:MET:HE1	1:46:A:ASN:HD22	7	0.82	0.24	0.77
(13,2097)	1:43:A:MET:HE2	1:46:A:ASN:HD21	7	0.82	0.24	0.77
(13,2097)	1:43:A:MET:HE2	1:46:A:ASN:HD22	7	0.82	0.24	0.77
(13,2097)	1:43:A:MET:HE3	1:46:A:ASN:HD21	7	0.82	0.24	0.77
(13,2097)	1:43:A:MET:HE3	1:46:A:ASN:HD22	7	0.82	0.24	0.77
(4,2126)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	7	0.82	0.44	0.67
(4,2126)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	7	0.82	0.44	0.67
(4,2126)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	7	0.82	0.44	0.67
(4,2126)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	7	0.82	0.44	0.67
(4,2126)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	7	0.82	0.44	0.67
(4,2126)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	7	0.82	0.44	0.67
(4,2126)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	7	0.82	0.44	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,2126)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	7	0.82	0.44	0.67
(4,2126)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	7	0.82	0.44	0.67
(4,2126)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	7	0.82	0.44	0.67
(4,2126)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	7	0.82	0.44	0.67
(4,2126)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	7	0.82	0.44	0.67
(11,1921)	1:150:A:THR:H	1:151:A:PHE:HD1	7	0.82	0.55	0.48
(11,1921)	1:150:A:THR:H	1:151:A:PHE:HD2	7	0.82	0.55	0.48
(5,1917)	1:18:A:PHE:HE1	1:131:A:LEU:H	7	0.81	0.47	0.65
(5,1917)	1:18:A:PHE:HE2	1:131:A:LEU:H	7	0.81	0.47	0.65
(6,1903)	1:18:A:PHE:HE1	1:131:A:LEU:H	7	0.81	0.47	0.65
(6,1903)	1:18:A:PHE:HE2	1:131:A:LEU:H	7	0.81	0.47	0.65
(13,1850)	1:18:A:PHE:HE1	1:131:A:LEU:H	7	0.81	0.47	0.65
(13,1850)	1:18:A:PHE:HE2	1:131:A:LEU:H	7	0.81	0.47	0.65
(2,560)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	7	0.81	0.53	0.83
(29,564)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	7	0.81	0.53	0.83
(30,561)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	7	0.81	0.53	0.83
(33,1788)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	7	0.81	0.12	0.83
(33,1788)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	7	0.81	0.12	0.83
(33,1788)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	7	0.81	0.12	0.83
(33,1788)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	7	0.81	0.12	0.83
(11,817)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	7	0.81	0.57	0.48
(11,817)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	7	0.81	0.57	0.48
(11,817)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	7	0.81	0.57	0.48
(29,2143)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	7	0.81	0.44	0.66
(29,2143)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	7	0.81	0.44	0.66
(29,2143)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	7	0.81	0.44	0.66
(29,2143)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	7	0.81	0.44	0.66
(29,2143)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	7	0.81	0.44	0.66
(29,2143)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	7	0.81	0.44	0.66
(29,2143)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	7	0.81	0.44	0.66
(29,2143)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	7	0.81	0.44	0.66
(29,2143)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	7	0.81	0.44	0.66
(29,2143)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	7	0.81	0.44	0.66
(29,2143)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	7	0.81	0.44	0.66
(29,2143)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	7	0.81	0.44	0.66
(33,2137)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	7	0.81	0.44	0.66
(33,2137)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	7	0.81	0.44	0.66
(33,2137)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	7	0.81	0.44	0.66
(33,2137)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	7	0.81	0.44	0.66
(33,2137)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	7	0.81	0.44	0.66
(33,2137)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	7	0.81	0.44	0.66
(33,2137)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	7	0.81	0.44	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,2137)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	7	0.81	0.44	0.66
(33,2137)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	7	0.81	0.44	0.66
(33,2137)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	7	0.81	0.44	0.66
(33,2137)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	7	0.81	0.44	0.66
(33,2137)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	7	0.81	0.44	0.66
(5,1925)	1:150:A:THR:H	1:151:A:PHE:HD1	7	0.81	0.55	0.47
(5,1925)	1:150:A:THR:H	1:151:A:PHE:HD2	7	0.81	0.55	0.47
(2,2264)	1:68:A:LYS:H	1:70:A:LYS:HG2	7	0.8	0.46	0.73
(2,2264)	1:68:A:LYS:H	1:70:A:LYS:HG3	7	0.8	0.46	0.73
(5,2237)	1:68:A:LYS:H	1:70:A:LYS:HG2	7	0.8	0.46	0.73
(5,2237)	1:68:A:LYS:H	1:70:A:LYS:HG3	7	0.8	0.46	0.73
(33,1294)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	7	0.8	0.6	0.61
(33,1294)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	7	0.8	0.6	0.61
(33,1294)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	7	0.8	0.6	0.61
(3,1946)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	7	0.8	0.49	0.93
(3,1946)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	7	0.8	0.49	0.93
(3,1946)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	7	0.8	0.49	0.93
(33,2456)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	7	0.8	0.4	0.68
(33,2456)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	7	0.8	0.4	0.68
(33,2456)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	7	0.8	0.4	0.68
(33,2456)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	7	0.8	0.4	0.68
(33,2456)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	7	0.8	0.4	0.68
(33,2456)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	7	0.8	0.4	0.68
(11,1304)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	7	0.79	0.6	0.6
(11,1304)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	7	0.79	0.6	0.6
(11,1304)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	7	0.79	0.6	0.6
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD11	7	0.79	0.6	0.5
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD12	7	0.79	0.6	0.5
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD13	7	0.79	0.6	0.5
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD21	7	0.79	0.6	0.5
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD22	7	0.79	0.6	0.5
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD23	7	0.79	0.6	0.5
(1,705)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	7	0.78	0.34	0.74
(1,705)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	7	0.78	0.34	0.74
(2,696)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	7	0.78	0.34	0.74
(2,696)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	7	0.78	0.34	0.74
(13,683)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	7	0.78	0.34	0.74
(13,683)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	7	0.78	0.34	0.74
(34,706)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	7	0.78	0.34	0.74
(34,706)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	7	0.78	0.34	0.74
(7,2316)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	7	0.78	0.17	0.79
(7,2316)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	7	0.78	0.17	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,2316)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	7	0.78	0.17	0.79
(7,2316)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	7	0.78	0.17	0.79
(7,2316)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	7	0.78	0.17	0.79
(7,2316)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	7	0.78	0.17	0.79
(7,2316)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	7	0.78	0.17	0.79
(7,2316)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	7	0.78	0.17	0.79
(7,2316)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	7	0.78	0.17	0.79
(7,2316)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	7	0.78	0.17	0.79
(7,2316)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	7	0.78	0.17	0.79
(7,2316)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	7	0.78	0.17	0.79
(11,935)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	7	0.77	0.5	0.63
(11,935)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	7	0.77	0.5	0.63
(11,935)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	7	0.77	0.5	0.63
(11,935)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	7	0.77	0.5	0.63
(13,910)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	7	0.77	0.5	0.63
(13,910)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	7	0.77	0.5	0.63
(13,910)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	7	0.77	0.5	0.63
(13,910)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	7	0.77	0.5	0.63
(18,937)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	7	0.77	0.5	0.63
(18,937)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	7	0.77	0.5	0.63
(18,937)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	7	0.77	0.5	0.63
(18,937)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	7	0.77	0.5	0.63
(29,938)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	7	0.77	0.5	0.63
(29,938)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	7	0.77	0.5	0.63
(29,938)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	7	0.77	0.5	0.63
(29,938)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	7	0.77	0.5	0.63
(4,913)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	7	0.77	0.44	0.82
(4,913)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	7	0.77	0.44	0.82
(4,913)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	7	0.77	0.44	0.82
(6,910)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	7	0.77	0.44	0.82
(6,910)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	7	0.77	0.44	0.82
(6,910)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	7	0.77	0.44	0.82
(30,913)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	7	0.77	0.44	0.82
(30,913)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	7	0.77	0.44	0.82
(30,913)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	7	0.77	0.44	0.82
(34,939)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	7	0.77	0.44	0.82
(34,939)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	7	0.77	0.44	0.82
(34,939)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	7	0.77	0.44	0.82
(5,1165)	1:13:A:ALA:HB1	1:80:A:TYR:HA	7	0.76	0.38	0.84
(5,1165)	1:13:A:ALA:HB2	1:80:A:TYR:HA	7	0.76	0.38	0.84
(5,1165)	1:13:A:ALA:HB3	1:80:A:TYR:HA	7	0.76	0.38	0.84
(29,1166)	1:13:A:ALA:HB1	1:80:A:TYR:HA	7	0.76	0.38	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,1166)	1:13:A:ALA:HB2	1:80:A:TYR:HA	7	0.76	0.38	0.84
(29,1166)	1:13:A:ALA:HB3	1:80:A:TYR:HA	7	0.76	0.38	0.84
(32,1116)	1:13:A:ALA:HB1	1:80:A:TYR:HA	7	0.76	0.38	0.84
(32,1116)	1:13:A:ALA:HB2	1:80:A:TYR:HA	7	0.76	0.38	0.84
(32,1116)	1:13:A:ALA:HB3	1:80:A:TYR:HA	7	0.76	0.38	0.84
(34,1180)	1:13:A:ALA:HB1	1:80:A:TYR:HA	7	0.76	0.38	0.84
(34,1180)	1:13:A:ALA:HB2	1:80:A:TYR:HA	7	0.76	0.38	0.84
(34,1180)	1:13:A:ALA:HB3	1:80:A:TYR:HA	7	0.76	0.38	0.84
(4,581)	1:70:A:LYS:HB2	1:75:A:GLY:H	7	0.76	0.35	0.79
(4,581)	1:70:A:LYS:HB3	1:75:A:GLY:H	7	0.76	0.35	0.79
(1,1516)	1:43:A:MET:HE1	1:44:A:GLU:HA	7	0.75	0.4	0.58
(1,1516)	1:43:A:MET:HE2	1:44:A:GLU:HA	7	0.75	0.4	0.58
(1,1516)	1:43:A:MET:HE3	1:44:A:GLU:HA	7	0.75	0.4	0.58
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG11	7	0.74	0.24	0.81
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG12	7	0.74	0.24	0.81
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG13	7	0.74	0.24	0.81
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG21	7	0.74	0.24	0.81
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG22	7	0.74	0.24	0.81
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG23	7	0.74	0.24	0.81
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG11	7	0.74	0.24	0.81
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG12	7	0.74	0.24	0.81
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG13	7	0.74	0.24	0.81
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG21	7	0.74	0.24	0.81
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG22	7	0.74	0.24	0.81
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG23	7	0.74	0.24	0.81
(7,593)	1:28:A:GLY:H	1:29:A:LYS:HG2	7	0.74	0.49	0.96
(7,593)	1:28:A:GLY:H	1:29:A:LYS:HG3	7	0.74	0.49	0.96
(16,601)	1:28:A:GLY:H	1:29:A:LYS:HG2	7	0.74	0.49	0.96
(16,601)	1:28:A:GLY:H	1:29:A:LYS:HG3	7	0.74	0.49	0.96
(32,579)	1:28:A:GLY:H	1:29:A:LYS:HG2	7	0.74	0.49	0.96
(32,579)	1:28:A:GLY:H	1:29:A:LYS:HG3	7	0.74	0.49	0.96
(33,594)	1:28:A:GLY:H	1:29:A:LYS:HG2	7	0.74	0.49	0.96
(33,594)	1:28:A:GLY:H	1:29:A:LYS:HG3	7	0.74	0.49	0.96
(4,11)	1:64:A:LYS:H	1:116:A:GLN:HG2	7	0.74	0.45	0.62
(5,1671)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	7	0.73	0.37	0.66
(5,1671)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	7	0.73	0.37	0.66
(5,1671)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	7	0.73	0.37	0.66
(30,1657)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	7	0.73	0.37	0.66
(30,1657)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	7	0.73	0.37	0.66
(30,1657)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	7	0.73	0.37	0.66
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	7	0.73	0.55	0.51
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	7	0.73	0.55	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	7	0.73	0.55	0.51
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	7	0.73	0.55	0.51
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	7	0.73	0.55	0.51
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	7	0.73	0.55	0.51
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	7	0.73	0.55	0.51
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	7	0.73	0.55	0.51
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	7	0.73	0.55	0.51
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	7	0.73	0.55	0.51
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	7	0.73	0.55	0.51
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	7	0.73	0.55	0.51
(13,1289)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	7	0.73	0.52	0.43
(13,1289)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	7	0.73	0.52	0.43
(13,1289)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	7	0.73	0.52	0.43
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	7	0.73	0.36	0.7
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	7	0.73	0.36	0.7
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	7	0.73	0.36	0.7
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	7	0.73	0.36	0.7
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	7	0.73	0.36	0.7
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	7	0.73	0.36	0.7
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	7	0.73	0.36	0.7
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	7	0.73	0.36	0.7
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	7	0.73	0.36	0.7
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	7	0.73	0.36	0.7
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	7	0.73	0.36	0.7
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	7	0.73	0.36	0.7
(5,711)	1:45:A:ALA:HB1	1:48:A:ARG:HE	7	0.72	0.87	0.4
(5,711)	1:45:A:ALA:HB2	1:48:A:ARG:HE	7	0.72	0.87	0.4
(5,711)	1:45:A:ALA:HB3	1:48:A:ARG:HE	7	0.72	0.87	0.4
(5,680)	1:133:A:ASN:H	1:134:A:VAL:HG21	7	0.72	0.08	0.74
(5,680)	1:133:A:ASN:H	1:134:A:VAL:HG22	7	0.72	0.08	0.74
(5,680)	1:133:A:ASN:H	1:134:A:VAL:HG23	7	0.72	0.08	0.74
(16,688)	1:133:A:ASN:H	1:134:A:VAL:HG21	7	0.72	0.08	0.74
(16,688)	1:133:A:ASN:H	1:134:A:VAL:HG22	7	0.72	0.08	0.74
(16,688)	1:133:A:ASN:H	1:134:A:VAL:HG23	7	0.72	0.08	0.74
(29,687)	1:133:A:ASN:H	1:134:A:VAL:HG21	7	0.72	0.08	0.74
(29,687)	1:133:A:ASN:H	1:134:A:VAL:HG22	7	0.72	0.08	0.74
(29,687)	1:133:A:ASN:H	1:134:A:VAL:HG23	7	0.72	0.08	0.74
(30,679)	1:133:A:ASN:H	1:134:A:VAL:HG21	7	0.72	0.08	0.74
(30,679)	1:133:A:ASN:H	1:134:A:VAL:HG22	7	0.72	0.08	0.74
(30,679)	1:133:A:ASN:H	1:134:A:VAL:HG23	7	0.72	0.08	0.74
(3,983)	1:11:A:ILE:HG12	1:14:A:VAL:HB	7	0.71	0.8	0.29
(1,2219)	1:69:A:MET:HG2	1:70:A:LYS:HG2	7	0.71	0.41	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2219)	1:69:A:MET:HG3	1:70:A:LYS:HG2	7	0.71	0.41	0.56
(7,2227)	1:69:A:MET:HG2	1:70:A:LYS:HG2	7	0.71	0.41	0.56
(7,2227)	1:69:A:MET:HG3	1:70:A:LYS:HG2	7	0.71	0.41	0.56
(29,2238)	1:69:A:MET:HG2	1:70:A:LYS:HG2	7	0.71	0.41	0.56
(29,2238)	1:69:A:MET:HG3	1:70:A:LYS:HG2	7	0.71	0.41	0.56
(4,1419)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	7	0.7	0.66	0.38
(4,1419)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	7	0.7	0.66	0.38
(4,1419)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	7	0.7	0.66	0.38
(5,1455)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	7	0.7	0.66	0.38
(5,1455)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	7	0.7	0.66	0.38
(5,1455)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	7	0.7	0.66	0.38
(6,1433)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	7	0.7	0.66	0.38
(6,1433)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	7	0.7	0.66	0.38
(6,1433)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	7	0.7	0.66	0.38
(9,1432)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	7	0.7	0.66	0.38
(9,1432)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	7	0.7	0.66	0.38
(9,1432)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	7	0.7	0.66	0.38
(30,1438)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	7	0.7	0.66	0.38
(30,1438)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	7	0.7	0.66	0.38
(30,1438)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	7	0.7	0.66	0.38
(11,314)	1:64:A:LYS:HD2	1:65:A:CYS:H	7	0.69	0.24	0.7
(11,314)	1:64:A:LYS:HD3	1:65:A:CYS:H	7	0.69	0.24	0.7
(4,1223)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	7	0.68	0.45	0.72
(4,1223)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	7	0.68	0.45	0.72
(4,1223)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	7	0.68	0.45	0.72
(4,1223)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	7	0.68	0.45	0.72
(4,1223)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	7	0.68	0.45	0.72
(4,1223)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	7	0.68	0.45	0.72
(6,2278)	1:79:A:THR:HG21	1:81:A:GLU:HB2	7	0.68	0.42	0.45
(6,2278)	1:79:A:THR:HG21	1:81:A:GLU:HB3	7	0.68	0.42	0.45
(6,2278)	1:79:A:THR:HG22	1:81:A:GLU:HB2	7	0.68	0.42	0.45
(6,2278)	1:79:A:THR:HG22	1:81:A:GLU:HB3	7	0.68	0.42	0.45
(6,2278)	1:79:A:THR:HG23	1:81:A:GLU:HB2	7	0.68	0.42	0.45
(6,2278)	1:79:A:THR:HG23	1:81:A:GLU:HB3	7	0.68	0.42	0.45
(11,1265)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	7	0.68	0.45	0.72
(11,1265)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	7	0.68	0.45	0.72
(11,1265)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	7	0.68	0.45	0.72
(11,1265)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	7	0.68	0.45	0.72
(11,1265)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	7	0.68	0.45	0.72
(11,1265)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	7	0.68	0.45	0.72
(13,2249)	1:79:A:THR:HG21	1:81:A:GLU:HB2	7	0.68	0.42	0.45
(13,2249)	1:79:A:THR:HG21	1:81:A:GLU:HB3	7	0.68	0.42	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,2249)	1:79:A:THR:HG22	1:81:A:GLU:HB2	7	0.68	0.42	0.45
(13,2249)	1:79:A:THR:HG22	1:81:A:GLU:HB3	7	0.68	0.42	0.45
(13,2249)	1:79:A:THR:HG23	1:81:A:GLU:HB2	7	0.68	0.42	0.45
(13,2249)	1:79:A:THR:HG23	1:81:A:GLU:HB3	7	0.68	0.42	0.45
(34,2277)	1:79:A:THR:HG21	1:81:A:GLU:HB2	7	0.68	0.42	0.45
(34,2277)	1:79:A:THR:HG21	1:81:A:GLU:HB3	7	0.68	0.42	0.45
(34,2277)	1:79:A:THR:HG22	1:81:A:GLU:HB2	7	0.68	0.42	0.45
(34,2277)	1:79:A:THR:HG22	1:81:A:GLU:HB3	7	0.68	0.42	0.45
(34,2277)	1:79:A:THR:HG23	1:81:A:GLU:HB2	7	0.68	0.42	0.45
(34,2277)	1:79:A:THR:HG23	1:81:A:GLU:HB3	7	0.68	0.42	0.45
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD11	7	0.68	0.46	0.58
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD12	7	0.68	0.46	0.58
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD13	7	0.68	0.46	0.58
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD21	7	0.68	0.46	0.58
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD22	7	0.68	0.46	0.58
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD23	7	0.68	0.46	0.58
(1,2403)	1:134:A:VAL:HG11	1:137:A:SER:HB2	7	0.67	0.38	0.65
(1,2403)	1:134:A:VAL:HG11	1:137:A:SER:HB3	7	0.67	0.38	0.65
(1,2403)	1:134:A:VAL:HG12	1:137:A:SER:HB2	7	0.67	0.38	0.65
(1,2403)	1:134:A:VAL:HG12	1:137:A:SER:HB3	7	0.67	0.38	0.65
(1,2403)	1:134:A:VAL:HG13	1:137:A:SER:HB2	7	0.67	0.38	0.65
(1,2403)	1:134:A:VAL:HG13	1:137:A:SER:HB3	7	0.67	0.38	0.65
(1,2403)	1:134:A:VAL:HG21	1:137:A:SER:HB2	7	0.67	0.38	0.65
(1,2403)	1:134:A:VAL:HG21	1:137:A:SER:HB3	7	0.67	0.38	0.65
(1,2403)	1:134:A:VAL:HG22	1:137:A:SER:HB2	7	0.67	0.38	0.65
(1,2403)	1:134:A:VAL:HG22	1:137:A:SER:HB3	7	0.67	0.38	0.65
(1,2403)	1:134:A:VAL:HG23	1:137:A:SER:HB2	7	0.67	0.38	0.65
(1,2403)	1:134:A:VAL:HG23	1:137:A:SER:HB3	7	0.67	0.38	0.65
(7,2424)	1:134:A:VAL:HG11	1:137:A:SER:HB2	7	0.67	0.38	0.65
(7,2424)	1:134:A:VAL:HG11	1:137:A:SER:HB3	7	0.67	0.38	0.65
(7,2424)	1:134:A:VAL:HG12	1:137:A:SER:HB2	7	0.67	0.38	0.65
(7,2424)	1:134:A:VAL:HG12	1:137:A:SER:HB3	7	0.67	0.38	0.65
(7,2424)	1:134:A:VAL:HG13	1:137:A:SER:HB2	7	0.67	0.38	0.65
(7,2424)	1:134:A:VAL:HG13	1:137:A:SER:HB3	7	0.67	0.38	0.65
(7,2424)	1:134:A:VAL:HG21	1:137:A:SER:HB2	7	0.67	0.38	0.65
(7,2424)	1:134:A:VAL:HG21	1:137:A:SER:HB3	7	0.67	0.38	0.65
(7,2424)	1:134:A:VAL:HG22	1:137:A:SER:HB2	7	0.67	0.38	0.65
(7,2424)	1:134:A:VAL:HG22	1:137:A:SER:HB3	7	0.67	0.38	0.65
(7,2424)	1:134:A:VAL:HG23	1:137:A:SER:HB2	7	0.67	0.38	0.65
(7,2424)	1:134:A:VAL:HG23	1:137:A:SER:HB3	7	0.67	0.38	0.65
(29,572)	1:63:A:ILE:HG21	1:116:A:GLN:H	7	0.67	0.7	0.26
(29,572)	1:63:A:ILE:HG22	1:116:A:GLN:H	7	0.67	0.7	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,572)	1:63:A:ILE:HG23	1:116:A:GLN:H	7	0.67	0.7	0.26
(3,1194)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	7	0.67	0.3	0.68
(3,1194)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	7	0.67	0.3	0.68
(3,1194)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	7	0.67	0.3	0.68
(3,1194)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	7	0.67	0.3	0.68
(3,1194)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	7	0.67	0.3	0.68
(3,1194)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	7	0.67	0.3	0.68
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	7	0.67	0.32	0.57
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	7	0.67	0.32	0.57
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	7	0.67	0.32	0.57
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	7	0.67	0.32	0.57
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	7	0.67	0.32	0.57
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	7	0.67	0.32	0.57
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	7	0.67	0.32	0.57
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	7	0.67	0.32	0.57
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	7	0.67	0.32	0.57
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	7	0.67	0.32	0.57
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	7	0.67	0.32	0.57
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	7	0.67	0.32	0.57
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	7	0.67	0.32	0.57
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	7	0.67	0.32	0.57
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	7	0.67	0.32	0.57
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	7	0.67	0.32	0.57
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	7	0.67	0.32	0.57
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	7	0.67	0.32	0.57
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	7	0.67	0.32	0.57
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	7	0.67	0.32	0.57
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	7	0.67	0.32	0.57
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	7	0.67	0.32	0.57
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	7	0.67	0.32	0.57
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	7	0.67	0.32	0.57
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	7	0.67	0.32	0.57
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	7	0.67	0.32	0.57
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	7	0.67	0.32	0.57
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	7	0.67	0.32	0.57
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	7	0.67	0.32	0.57
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	7	0.67	0.32	0.57
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	7	0.67	0.32	0.57
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	7	0.67	0.32	0.57
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	7	0.67	0.32	0.57
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	7	0.67	0.32	0.57
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	7	0.67	0.32	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	7	0.67	0.32	0.57
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	7	0.67	0.32	0.57
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	7	0.67	0.32	0.57
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	7	0.67	0.32	0.57
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	7	0.67	0.32	0.57
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	7	0.67	0.32	0.57
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	7	0.67	0.32	0.57
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	7	0.67	0.32	0.57
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	7	0.67	0.32	0.57
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	7	0.67	0.32	0.57
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	7	0.67	0.32	0.57
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	7	0.67	0.32	0.57
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	7	0.67	0.32	0.57
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	7	0.67	0.32	0.57
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	7	0.67	0.32	0.57
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	7	0.67	0.32	0.57
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	7	0.67	0.32	0.57
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	7	0.67	0.32	0.57
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	7	0.67	0.32	0.57
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	7	0.67	0.32	0.57
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	7	0.67	0.32	0.57
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	7	0.67	0.32	0.57
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	7	0.67	0.32	0.57
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	7	0.67	0.32	0.57
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	7	0.67	0.32	0.57
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	7	0.67	0.32	0.57
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	7	0.67	0.32	0.57
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	7	0.67	0.32	0.57
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	7	0.67	0.32	0.57
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	7	0.67	0.32	0.57
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	7	0.67	0.32	0.57
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	7	0.67	0.32	0.57
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	7	0.67	0.32	0.57
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	7	0.67	0.32	0.57
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	7	0.67	0.32	0.57
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	7	0.67	0.32	0.57
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	7	0.67	0.32	0.57
(11,2092)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	7	0.67	0.64	0.56
(11,2092)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	7	0.67	0.64	0.56
(11,2092)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	7	0.67	0.64	0.56
(11,2092)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	7	0.67	0.64	0.56
(11,2092)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	7	0.67	0.64	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,2092)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	7	0.67	0.64	0.56
(11,2092)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	7	0.67	0.64	0.56
(11,2092)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	7	0.67	0.64	0.56
(11,2092)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	7	0.67	0.64	0.56
(11,2092)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	7	0.67	0.64	0.56
(11,2092)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	7	0.67	0.64	0.56
(11,2092)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	7	0.67	0.64	0.56
(16,2088)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	7	0.67	0.64	0.56
(16,2088)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	7	0.67	0.64	0.56
(16,2088)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	7	0.67	0.64	0.56
(16,2088)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	7	0.67	0.64	0.56
(16,2088)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	7	0.67	0.64	0.56
(16,2088)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	7	0.67	0.64	0.56
(16,2088)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	7	0.67	0.64	0.56
(16,2088)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	7	0.67	0.64	0.56
(16,2088)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	7	0.67	0.64	0.56
(16,2088)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	7	0.67	0.64	0.56
(16,2088)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	7	0.67	0.64	0.56
(16,2088)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	7	0.67	0.64	0.56
(2,1593)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(2,1593)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(2,1593)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(2,1593)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(2,1593)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(2,1593)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(2,1593)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(2,1593)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(2,1593)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(3,1612)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(3,1612)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(3,1612)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(3,1612)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(3,1612)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(3,1612)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(3,1612)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(3,1612)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(3,1612)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(4,1561)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(4,1561)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(4,1561)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(4,1561)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(4,1561)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	7	0.66	0.23	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1561)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(4,1561)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(4,1561)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(4,1561)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(6,1579)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(6,1579)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(6,1579)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(6,1579)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(6,1579)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(6,1579)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(6,1579)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(6,1579)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(6,1579)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(7,1553)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(7,1553)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(7,1553)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(7,1553)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(7,1553)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(7,1553)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(7,1553)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(7,1553)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(7,1553)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(9,1247)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	7	0.66	0.45	0.7
(9,1247)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	7	0.66	0.45	0.7
(9,1247)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	7	0.66	0.45	0.7
(9,1247)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	7	0.66	0.45	0.7
(9,1247)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	7	0.66	0.45	0.7
(9,1247)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	7	0.66	0.45	0.7
(9,1575)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(9,1575)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(9,1575)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(9,1575)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(9,1575)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(9,1575)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(9,1575)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(9,1575)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(9,1575)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(11,1610)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(11,1610)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(11,1610)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(11,1610)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(11,1610)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	7	0.66	0.23	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,1610)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(11,1610)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(11,1610)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(11,1610)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(13,1550)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(13,1550)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(13,1550)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(13,1550)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(13,1550)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(13,1550)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(13,1550)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(13,1550)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(13,1550)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(16,1566)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(16,1566)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(16,1566)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(16,1566)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(16,1566)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(16,1566)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(16,1566)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(16,1566)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(16,1566)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(18,1564)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(18,1564)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(18,1564)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(18,1564)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(18,1564)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(18,1564)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(18,1564)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(18,1564)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(18,1564)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(33,1567)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(33,1567)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(33,1567)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(33,1567)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(33,1567)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(33,1567)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(33,1567)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	7	0.66	0.23	0.71
(33,1567)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	7	0.66	0.23	0.71
(33,1567)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	7	0.66	0.23	0.71
(3,1910)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	7	0.66	0.18	0.68
(3,1910)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	7	0.66	0.18	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,1910)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	7	0.66	0.18	0.68
(3,1910)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	7	0.66	0.18	0.68
(6,1891)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	7	0.66	0.18	0.68
(6,1891)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	7	0.66	0.18	0.68
(6,1891)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	7	0.66	0.18	0.68
(6,1891)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	7	0.66	0.18	0.68
(5,1850)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	7	0.66	0.39	0.54
(5,1850)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	7	0.66	0.39	0.54
(5,1850)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	7	0.66	0.39	0.54
(5,1850)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	7	0.66	0.39	0.54
(5,1850)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	7	0.66	0.39	0.54
(5,1850)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	7	0.66	0.39	0.54
(1,1804)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	7	0.66	0.28	0.55
(1,1804)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	7	0.66	0.28	0.55
(1,1804)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	7	0.66	0.28	0.55
(1,1804)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	7	0.66	0.28	0.55
(1,1804)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	7	0.66	0.28	0.55
(1,1804)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	7	0.66	0.28	0.55
(4,2190)	1:57:A:LEU:HD11	1:60:A:LEU:HG	7	0.66	0.32	0.71
(4,2190)	1:57:A:LEU:HD12	1:60:A:LEU:HG	7	0.66	0.32	0.71
(4,2190)	1:57:A:LEU:HD13	1:60:A:LEU:HG	7	0.66	0.32	0.71
(4,2190)	1:57:A:LEU:HD21	1:60:A:LEU:HG	7	0.66	0.32	0.71
(4,2190)	1:57:A:LEU:HD22	1:60:A:LEU:HG	7	0.66	0.32	0.71
(4,2190)	1:57:A:LEU:HD23	1:60:A:LEU:HG	7	0.66	0.32	0.71
(5,2192)	1:57:A:LEU:HD11	1:60:A:LEU:HG	7	0.66	0.32	0.71
(5,2192)	1:57:A:LEU:HD12	1:60:A:LEU:HG	7	0.66	0.32	0.71
(5,2192)	1:57:A:LEU:HD13	1:60:A:LEU:HG	7	0.66	0.32	0.71
(5,2192)	1:57:A:LEU:HD21	1:60:A:LEU:HG	7	0.66	0.32	0.71
(5,2192)	1:57:A:LEU:HD22	1:60:A:LEU:HG	7	0.66	0.32	0.71
(5,2192)	1:57:A:LEU:HD23	1:60:A:LEU:HG	7	0.66	0.32	0.71
(13,2158)	1:57:A:LEU:HD11	1:60:A:LEU:HG	7	0.66	0.32	0.71
(13,2158)	1:57:A:LEU:HD12	1:60:A:LEU:HG	7	0.66	0.32	0.71
(13,2158)	1:57:A:LEU:HD13	1:60:A:LEU:HG	7	0.66	0.32	0.71
(13,2158)	1:57:A:LEU:HD21	1:60:A:LEU:HG	7	0.66	0.32	0.71
(13,2158)	1:57:A:LEU:HD22	1:60:A:LEU:HG	7	0.66	0.32	0.71
(13,2158)	1:57:A:LEU:HD23	1:60:A:LEU:HG	7	0.66	0.32	0.71
(15,2175)	1:57:A:LEU:HD11	1:60:A:LEU:HG	7	0.66	0.32	0.71
(15,2175)	1:57:A:LEU:HD12	1:60:A:LEU:HG	7	0.66	0.32	0.71
(15,2175)	1:57:A:LEU:HD13	1:60:A:LEU:HG	7	0.66	0.32	0.71
(15,2175)	1:57:A:LEU:HD21	1:60:A:LEU:HG	7	0.66	0.32	0.71
(15,2175)	1:57:A:LEU:HD22	1:60:A:LEU:HG	7	0.66	0.32	0.71
(15,2175)	1:57:A:LEU:HD23	1:60:A:LEU:HG	7	0.66	0.32	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,2215)	1:57:A:LEU:HD11	1:60:A:LEU:HG	7	0.66	0.32	0.71
(17,2215)	1:57:A:LEU:HD12	1:60:A:LEU:HG	7	0.66	0.32	0.71
(17,2215)	1:57:A:LEU:HD13	1:60:A:LEU:HG	7	0.66	0.32	0.71
(17,2215)	1:57:A:LEU:HD21	1:60:A:LEU:HG	7	0.66	0.32	0.71
(17,2215)	1:57:A:LEU:HD22	1:60:A:LEU:HG	7	0.66	0.32	0.71
(17,2215)	1:57:A:LEU:HD23	1:60:A:LEU:HG	7	0.66	0.32	0.71
(11,1818)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	7	0.65	0.39	0.6
(11,1818)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	7	0.65	0.39	0.6
(15,1774)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	7	0.65	0.39	0.6
(15,1774)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	7	0.65	0.39	0.6
(30,1787)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	7	0.65	0.39	0.6
(30,1787)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	7	0.65	0.39	0.6
(34,321)	1:40:A:LEU:HD11	1:43:A:MET:H	7	0.65	0.27	0.56
(34,321)	1:40:A:LEU:HD12	1:43:A:MET:H	7	0.65	0.27	0.56
(34,321)	1:40:A:LEU:HD13	1:43:A:MET:H	7	0.65	0.27	0.56
(3,1576)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	7	0.64	0.6	0.15
(3,1576)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	7	0.64	0.6	0.15
(3,1576)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	7	0.64	0.6	0.15
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	7	0.64	0.55	0.42
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	7	0.64	0.55	0.42
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	7	0.64	0.55	0.42
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	7	0.64	0.55	0.42
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	7	0.64	0.55	0.42
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	7	0.64	0.55	0.42
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	7	0.64	0.55	0.42
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	7	0.64	0.55	0.42
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	7	0.64	0.55	0.42
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	7	0.64	0.55	0.42
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	7	0.64	0.55	0.42
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	7	0.64	0.55	0.42
(18,1135)	1:40:A:LEU:HA	1:44:A:GLU:HB2	7	0.64	0.36	0.63
(18,1135)	1:40:A:LEU:HA	1:44:A:GLU:HB3	7	0.64	0.36	0.63
(2,1979)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	7	0.64	0.4	0.53
(2,1979)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	7	0.64	0.4	0.53
(16,1948)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	7	0.64	0.4	0.53
(16,1948)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	7	0.64	0.4	0.53
(33,1083)	1:48:A:ARG:HG2	1:49:A:LYS:HA	7	0.64	0.07	0.66
(33,1083)	1:48:A:ARG:HG3	1:49:A:LYS:HA	7	0.64	0.07	0.66
(1,1264)	1:12:A:VAL:HG11	1:40:A:LEU:HA	7	0.64	0.24	0.57
(1,1264)	1:12:A:VAL:HG12	1:40:A:LEU:HA	7	0.64	0.24	0.57
(1,1264)	1:12:A:VAL:HG13	1:40:A:LEU:HA	7	0.64	0.24	0.57
(5,1271)	1:12:A:VAL:HG11	1:40:A:LEU:HA	7	0.64	0.24	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,1271)	1:12:A:VAL:HG12	1:40:A:LEU:HA	7	0.64	0.24	0.57
(5,1271)	1:12:A:VAL:HG13	1:40:A:LEU:HA	7	0.64	0.24	0.57
(17,1266)	1:12:A:VAL:HG11	1:40:A:LEU:HA	7	0.64	0.24	0.57
(17,1266)	1:12:A:VAL:HG12	1:40:A:LEU:HA	7	0.64	0.24	0.57
(17,1266)	1:12:A:VAL:HG13	1:40:A:LEU:HA	7	0.64	0.24	0.57
(30,12)	1:64:A:LYS:H	1:116:A:GLN:HG2	7	0.63	0.45	0.51
(1,1096)	1:48:A:ARG:HG2	1:49:A:LYS:HA	7	0.63	0.07	0.65
(1,1096)	1:48:A:ARG:HG3	1:49:A:LYS:HA	7	0.63	0.07	0.65
(1,1272)	1:15:A:ALA:HA	1:131:A:LEU:HB2	7	0.63	0.51	0.32
(6,1256)	1:15:A:ALA:HA	1:131:A:LEU:HB2	7	0.63	0.51	0.32
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG11	7	0.62	0.53	0.43
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG12	7	0.62	0.53	0.43
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG13	7	0.62	0.53	0.43
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG21	7	0.62	0.53	0.43
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG22	7	0.62	0.53	0.43
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG23	7	0.62	0.53	0.43
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD11	7	0.62	0.41	0.6
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD12	7	0.62	0.41	0.6
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD13	7	0.62	0.41	0.6
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD21	7	0.62	0.41	0.6
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD22	7	0.62	0.41	0.6
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD23	7	0.62	0.41	0.6
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	7	0.62	0.35	0.42
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	7	0.62	0.35	0.42
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	7	0.62	0.35	0.42
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD21	7	0.62	0.35	0.42
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD22	7	0.62	0.35	0.42
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD23	7	0.62	0.35	0.42
(17,1185)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	7	0.61	0.3	0.62
(17,1185)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	7	0.61	0.3	0.62
(17,1185)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	7	0.61	0.3	0.62
(17,1185)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	7	0.61	0.3	0.62
(17,1185)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	7	0.61	0.3	0.62
(17,1185)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	7	0.61	0.3	0.62
(17,227)	1:44:A:GLU:HG3	1:48:A:ARG:H	7	0.61	0.43	0.53
(34,236)	1:44:A:GLU:HG3	1:48:A:ARG:H	7	0.61	0.43	0.53
(6,814)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	7	0.6	0.57	0.27
(6,814)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	7	0.6	0.57	0.27
(6,814)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	7	0.6	0.57	0.27
(15,997)	1:12:A:VAL:HB	1:43:A:MET:HE1	7	0.6	0.38	0.55
(15,997)	1:12:A:VAL:HB	1:43:A:MET:HE2	7	0.6	0.38	0.55
(15,997)	1:12:A:VAL:HB	1:43:A:MET:HE3	7	0.6	0.38	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,1016)	1:12:A:VAL:HB	1:43:A:MET:HE1	7	0.6	0.38	0.55
(34,1016)	1:12:A:VAL:HB	1:43:A:MET:HE2	7	0.6	0.38	0.55
(34,1016)	1:12:A:VAL:HB	1:43:A:MET:HE3	7	0.6	0.38	0.55
(15,2052)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	7	0.59	0.3	0.49
(15,2052)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	7	0.59	0.3	0.49
(15,2052)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	7	0.59	0.3	0.49
(15,2052)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	7	0.59	0.3	0.49
(15,2052)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	7	0.59	0.3	0.49
(15,2052)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	7	0.59	0.3	0.49
(15,2052)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	7	0.59	0.3	0.49
(15,2052)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	7	0.59	0.3	0.49
(15,2052)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	7	0.59	0.3	0.49
(15,2052)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	7	0.59	0.3	0.49
(15,2052)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	7	0.59	0.3	0.49
(15,2052)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	7	0.59	0.3	0.49
(4,859)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	7	0.58	0.39	0.53
(4,859)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	7	0.58	0.39	0.53
(9,857)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	7	0.58	0.39	0.53
(9,857)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	7	0.58	0.39	0.53
(16,869)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	7	0.58	0.39	0.53
(16,869)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	7	0.58	0.39	0.53
(33,864)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	7	0.58	0.39	0.53
(33,864)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	7	0.58	0.39	0.53
(1,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	7	0.58	0.48	0.29
(1,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	7	0.58	0.48	0.29
(1,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	7	0.58	0.48	0.29
(1,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	7	0.58	0.48	0.29
(1,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	7	0.58	0.48	0.29
(1,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	7	0.58	0.48	0.29
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD11	7	0.58	0.28	0.62
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD12	7	0.58	0.28	0.62
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD13	7	0.58	0.28	0.62
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD21	7	0.58	0.28	0.62
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD22	7	0.58	0.28	0.62
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD23	7	0.58	0.28	0.62
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD11	7	0.58	0.28	0.62
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD12	7	0.58	0.28	0.62
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD13	7	0.58	0.28	0.62
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD21	7	0.58	0.28	0.62
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD22	7	0.58	0.28	0.62
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD23	7	0.58	0.28	0.62
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD11	7	0.58	0.28	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD12	7	0.58	0.28	0.62
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD13	7	0.58	0.28	0.62
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD21	7	0.58	0.28	0.62
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD22	7	0.58	0.28	0.62
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD23	7	0.58	0.28	0.62
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD11	7	0.58	0.28	0.62
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD12	7	0.58	0.28	0.62
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD13	7	0.58	0.28	0.62
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD21	7	0.58	0.28	0.62
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD22	7	0.58	0.28	0.62
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD23	7	0.58	0.28	0.62
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD11	7	0.58	0.28	0.62
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD12	7	0.58	0.28	0.62
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD13	7	0.58	0.28	0.62
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD21	7	0.58	0.28	0.62
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD22	7	0.58	0.28	0.62
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD23	7	0.58	0.28	0.62
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD11	7	0.58	0.28	0.62
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD12	7	0.58	0.28	0.62
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD13	7	0.58	0.28	0.62
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD21	7	0.58	0.28	0.62
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD22	7	0.58	0.28	0.62
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD23	7	0.58	0.28	0.62
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD11	7	0.58	0.28	0.62
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD12	7	0.58	0.28	0.62
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD13	7	0.58	0.28	0.62
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD21	7	0.58	0.28	0.62
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD22	7	0.58	0.28	0.62
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD23	7	0.58	0.28	0.62
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	7	0.57	0.48	0.33
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	7	0.57	0.48	0.33
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	7	0.57	0.48	0.33
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	7	0.57	0.48	0.33
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	7	0.57	0.48	0.33
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	7	0.57	0.48	0.33
(5,1565)	1:40:A:LEU:HD21	1:43:A:MET:H	7	0.57	0.39	0.38
(5,1565)	1:40:A:LEU:HD22	1:43:A:MET:H	7	0.57	0.39	0.38
(5,1565)	1:40:A:LEU:HD23	1:43:A:MET:H	7	0.57	0.39	0.38
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD11	7	0.56	0.15	0.64
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD12	7	0.56	0.15	0.64
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD13	7	0.56	0.15	0.64
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD21	7	0.56	0.15	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD22	7	0.56	0.15	0.64
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD23	7	0.56	0.15	0.64
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD11	7	0.56	0.15	0.64
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD12	7	0.56	0.15	0.64
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD13	7	0.56	0.15	0.64
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD21	7	0.56	0.15	0.64
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD22	7	0.56	0.15	0.64
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD23	7	0.56	0.15	0.64
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD11	7	0.56	0.15	0.64
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD12	7	0.56	0.15	0.64
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD13	7	0.56	0.15	0.64
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD21	7	0.56	0.15	0.64
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD22	7	0.56	0.15	0.64
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD23	7	0.56	0.15	0.64
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD11	7	0.56	0.15	0.64
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD12	7	0.56	0.15	0.64
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD13	7	0.56	0.15	0.64
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD21	7	0.56	0.15	0.64
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD22	7	0.56	0.15	0.64
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD23	7	0.56	0.15	0.64
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD11	7	0.56	0.15	0.64
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD12	7	0.56	0.15	0.64
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD13	7	0.56	0.15	0.64
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD21	7	0.56	0.15	0.64
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD22	7	0.56	0.15	0.64
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD23	7	0.56	0.15	0.64
(32,2135)	1:43:A:MET:HE1	1:46:A:ASN:HD21	7	0.56	0.24	0.51
(32,2135)	1:43:A:MET:HE1	1:46:A:ASN:HD22	7	0.56	0.24	0.51
(32,2135)	1:43:A:MET:HE2	1:46:A:ASN:HD21	7	0.56	0.24	0.51
(32,2135)	1:43:A:MET:HE2	1:46:A:ASN:HD22	7	0.56	0.24	0.51
(32,2135)	1:43:A:MET:HE3	1:46:A:ASN:HD21	7	0.56	0.24	0.51
(32,2135)	1:43:A:MET:HE3	1:46:A:ASN:HD22	7	0.56	0.24	0.51
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD11	7	0.56	0.15	0.64
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD12	7	0.56	0.15	0.64
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD13	7	0.56	0.15	0.64
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD21	7	0.56	0.15	0.64
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD22	7	0.56	0.15	0.64
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD23	7	0.56	0.15	0.64
(33,2152)	1:43:A:MET:HE1	1:46:A:ASN:HD21	7	0.56	0.24	0.51
(33,2152)	1:43:A:MET:HE1	1:46:A:ASN:HD22	7	0.56	0.24	0.51
(33,2152)	1:43:A:MET:HE2	1:46:A:ASN:HD21	7	0.56	0.24	0.51
(33,2152)	1:43:A:MET:HE2	1:46:A:ASN:HD22	7	0.56	0.24	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,2152)	1:43:A:MET:HE3	1:46:A:ASN:HD21	7	0.56	0.24	0.51
(33,2152)	1:43:A:MET:HE3	1:46:A:ASN:HD22	7	0.56	0.24	0.51
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD11	7	0.56	0.15	0.64
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD12	7	0.56	0.15	0.64
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD13	7	0.56	0.15	0.64
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD21	7	0.56	0.15	0.64
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD22	7	0.56	0.15	0.64
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD23	7	0.56	0.15	0.64
(34,1697)	1:69:A:MET:HG3	1:109:A:PRO:HA	7	0.56	0.32	0.48
(13,1744)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	7	0.55	0.27	0.55
(13,1744)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	7	0.55	0.27	0.55
(13,1150)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	7	0.55	0.3	0.56
(13,1150)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	7	0.55	0.3	0.56
(13,1150)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	7	0.55	0.3	0.56
(13,1150)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	7	0.55	0.3	0.56
(13,1150)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	7	0.55	0.3	0.56
(13,1150)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	7	0.55	0.3	0.56
(3,1657)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	7	0.55	0.29	0.54
(3,2107)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	7	0.55	0.27	0.5
(3,2107)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	7	0.55	0.27	0.5
(3,2107)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	7	0.55	0.27	0.5
(3,2107)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	7	0.55	0.27	0.5
(3,2107)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	7	0.55	0.27	0.5
(3,2107)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	7	0.55	0.27	0.5
(3,878)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	7	0.55	0.36	0.43
(4,860)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	7	0.55	0.36	0.43
(15,862)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	7	0.55	0.36	0.43
(16,870)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	7	0.55	0.36	0.43
(29,871)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	7	0.55	0.36	0.43
(30,854)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	7	0.55	0.36	0.43
(32,840)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	7	0.55	0.36	0.43
(3,1104)	1:48:A:ARG:HG2	1:49:A:LYS:HA	7	0.55	0.07	0.57
(3,1104)	1:48:A:ARG:HG3	1:49:A:LYS:HA	7	0.55	0.07	0.57
(16,1853)	1:76:A:ARG:HB3	1:113:A:PHE:HE1	7	0.55	0.48	0.34
(16,1853)	1:76:A:ARG:HB3	1:113:A:PHE:HE2	7	0.55	0.48	0.34
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	7	0.54	0.48	0.3
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	7	0.54	0.48	0.3
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	7	0.54	0.48	0.3
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	7	0.54	0.48	0.3
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	7	0.54	0.48	0.3
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	7	0.54	0.48	0.3
(1,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	7	0.54	0.28	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	7	0.54	0.28	0.54
(1,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	7	0.54	0.28	0.54
(2,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	7	0.54	0.28	0.54
(2,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	7	0.54	0.28	0.54
(2,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	7	0.54	0.28	0.54
(34,1473)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	7	0.54	0.28	0.54
(34,1473)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	7	0.54	0.28	0.54
(34,1473)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	7	0.54	0.28	0.54
(6,1741)	1:18:A:PHE:HB2	1:132:A:ALA:HA	7	0.54	0.35	0.41
(6,1741)	1:18:A:PHE:HB3	1:132:A:ALA:HA	7	0.54	0.35	0.41
(9,1904)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	7	0.54	0.34	0.57
(9,1904)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	7	0.54	0.34	0.57
(9,1904)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	7	0.54	0.34	0.57
(9,1904)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	7	0.54	0.34	0.57
(2,1250)	1:23:A:LEU:HD11	1:24:A:ASP:H	7	0.54	0.13	0.53
(2,1250)	1:23:A:LEU:HD12	1:24:A:ASP:H	7	0.54	0.13	0.53
(2,1250)	1:23:A:LEU:HD13	1:24:A:ASP:H	7	0.54	0.13	0.53
(34,1665)	1:132:A:ALA:HA	1:134:A:VAL:HG21	7	0.53	0.15	0.51
(34,1665)	1:132:A:ALA:HA	1:134:A:VAL:HG22	7	0.53	0.15	0.51
(34,1665)	1:132:A:ALA:HA	1:134:A:VAL:HG23	7	0.53	0.15	0.51
(17,1093)	1:48:A:ARG:HG2	1:49:A:LYS:HA	7	0.53	0.07	0.55
(17,1093)	1:48:A:ARG:HG3	1:49:A:LYS:HA	7	0.53	0.07	0.55
(29,933)	1:125:A:THR:HB	1:129:A:LYS:HG2	7	0.51	0.3	0.54
(30,918)	1:125:A:THR:HB	1:129:A:LYS:HG2	7	0.51	0.3	0.54
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	7	0.51	0.21	0.59
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	7	0.51	0.21	0.59
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	7	0.51	0.21	0.59
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	7	0.51	0.21	0.59
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	7	0.51	0.21	0.59
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	7	0.51	0.21	0.59
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	7	0.51	0.21	0.59
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	7	0.51	0.21	0.59
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	7	0.51	0.21	0.59
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	7	0.51	0.21	0.59
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	7	0.51	0.21	0.59
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	7	0.51	0.21	0.59
(2,2054)	1:23:A:LEU:HD11	1:24:A:ASP:H	7	0.51	0.17	0.59
(2,2054)	1:23:A:LEU:HD12	1:24:A:ASP:H	7	0.51	0.17	0.59
(2,2054)	1:23:A:LEU:HD13	1:24:A:ASP:H	7	0.51	0.17	0.59
(2,2054)	1:23:A:LEU:HD21	1:24:A:ASP:H	7	0.51	0.17	0.59
(2,2054)	1:23:A:LEU:HD22	1:24:A:ASP:H	7	0.51	0.17	0.59
(2,2054)	1:23:A:LEU:HD23	1:24:A:ASP:H	7	0.51	0.17	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	7	0.51	0.28	0.39
(3,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	7	0.51	0.28	0.39
(3,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	7	0.51	0.28	0.39
(3,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	7	0.51	0.28	0.39
(3,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	7	0.51	0.28	0.39
(3,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	7	0.51	0.28	0.39
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	7	0.5	0.21	0.58
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	7	0.5	0.21	0.58
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	7	0.5	0.21	0.58
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	7	0.5	0.21	0.58
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	7	0.5	0.21	0.58
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	7	0.5	0.21	0.58
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	7	0.5	0.21	0.58
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	7	0.5	0.21	0.58
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	7	0.5	0.21	0.58
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	7	0.5	0.21	0.58
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	7	0.5	0.21	0.58
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	7	0.5	0.21	0.58
(4,1230)	1:23:A:LEU:HD11	1:24:A:ASP:H	7	0.5	0.13	0.49
(4,1230)	1:23:A:LEU:HD12	1:24:A:ASP:H	7	0.5	0.13	0.49
(4,1230)	1:23:A:LEU:HD13	1:24:A:ASP:H	7	0.5	0.13	0.49
(16,1258)	1:23:A:LEU:HD11	1:24:A:ASP:H	7	0.5	0.13	0.49
(16,1258)	1:23:A:LEU:HD12	1:24:A:ASP:H	7	0.5	0.13	0.49
(16,1258)	1:23:A:LEU:HD13	1:24:A:ASP:H	7	0.5	0.13	0.49
(1,1402)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	7	0.49	0.2	0.53
(1,1402)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	7	0.49	0.2	0.53
(1,1402)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	7	0.49	0.2	0.53
(4,1560)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	7	0.49	0.16	0.41
(4,1560)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	7	0.49	0.16	0.41
(4,1560)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	7	0.49	0.16	0.41
(5,1417)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	7	0.49	0.2	0.53
(5,1417)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	7	0.49	0.2	0.53
(5,1417)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	7	0.49	0.2	0.53
(6,1578)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	7	0.49	0.16	0.41
(6,1578)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	7	0.49	0.16	0.41
(6,1578)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	7	0.49	0.16	0.41
(1,7)	1:39:A:VAL:HG11	1:143:A:TRP:HE1	7	0.49	0.26	0.47
(1,7)	1:39:A:VAL:HG12	1:143:A:TRP:HE1	7	0.49	0.26	0.47
(1,7)	1:39:A:VAL:HG13	1:143:A:TRP:HE1	7	0.49	0.26	0.47
(2,1814)	1:13:A:ALA:HA	1:80:A:TYR:HD1	7	0.49	0.29	0.49
(2,1814)	1:13:A:ALA:HA	1:80:A:TYR:HD2	7	0.49	0.29	0.49
(9,1781)	1:13:A:ALA:HA	1:80:A:TYR:HD1	7	0.49	0.29	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,1781)	1:13:A:ALA:HA	1:80:A:TYR:HD2	7	0.49	0.29	0.49
(15,1777)	1:13:A:ALA:HA	1:80:A:TYR:HD1	7	0.49	0.29	0.49
(15,1777)	1:13:A:ALA:HA	1:80:A:TYR:HD2	7	0.49	0.29	0.49
(17,1803)	1:13:A:ALA:HA	1:80:A:TYR:HD1	7	0.49	0.29	0.49
(17,1803)	1:13:A:ALA:HA	1:80:A:TYR:HD2	7	0.49	0.29	0.49
(29,1810)	1:13:A:ALA:HA	1:80:A:TYR:HD1	7	0.49	0.29	0.49
(29,1810)	1:13:A:ALA:HA	1:80:A:TYR:HD2	7	0.49	0.29	0.49
(30,1790)	1:13:A:ALA:HA	1:80:A:TYR:HD1	7	0.49	0.29	0.49
(30,1790)	1:13:A:ALA:HA	1:80:A:TYR:HD2	7	0.49	0.29	0.49
(32,1751)	1:13:A:ALA:HA	1:80:A:TYR:HD1	7	0.49	0.29	0.49
(32,1751)	1:13:A:ALA:HA	1:80:A:TYR:HD2	7	0.49	0.29	0.49
(34,1804)	1:13:A:ALA:HA	1:80:A:TYR:HD1	7	0.49	0.29	0.49
(34,1804)	1:13:A:ALA:HA	1:80:A:TYR:HD2	7	0.49	0.29	0.49
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD11	7	0.49	0.32	0.52
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD12	7	0.49	0.32	0.52
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD13	7	0.49	0.32	0.52
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD21	7	0.49	0.32	0.52
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD22	7	0.49	0.32	0.52
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD23	7	0.49	0.32	0.52
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD11	7	0.49	0.32	0.52
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD12	7	0.49	0.32	0.52
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD13	7	0.49	0.32	0.52
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD21	7	0.49	0.32	0.52
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD22	7	0.49	0.32	0.52
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD23	7	0.49	0.32	0.52
(17,2459)	1:141:A:LYS:H	1:148:A:CYS:HB2	7	0.48	0.26	0.58
(17,2459)	1:141:A:LYS:H	1:148:A:CYS:HB3	7	0.48	0.26	0.58
(18,2037)	1:23:A:LEU:HD11	1:24:A:ASP:H	7	0.48	0.17	0.56
(18,2037)	1:23:A:LEU:HD12	1:24:A:ASP:H	7	0.48	0.17	0.56
(18,2037)	1:23:A:LEU:HD13	1:24:A:ASP:H	7	0.48	0.17	0.56
(18,2037)	1:23:A:LEU:HD21	1:24:A:ASP:H	7	0.48	0.17	0.56
(18,2037)	1:23:A:LEU:HD22	1:24:A:ASP:H	7	0.48	0.17	0.56
(18,2037)	1:23:A:LEU:HD23	1:24:A:ASP:H	7	0.48	0.17	0.56
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG11	7	0.47	0.24	0.54
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG12	7	0.47	0.24	0.54
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG13	7	0.47	0.24	0.54
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG21	7	0.47	0.24	0.54
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG22	7	0.47	0.24	0.54
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG23	7	0.47	0.24	0.54
(2,2297)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	7	0.47	0.28	0.3
(2,2297)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	7	0.47	0.28	0.3
(5,2278)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	7	0.47	0.28	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,2278)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	7	0.47	0.28	0.3
(15,2264)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	7	0.47	0.28	0.3
(15,2264)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	7	0.47	0.28	0.3
(18,2317)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	7	0.47	0.2	0.4
(18,2317)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	7	0.47	0.2	0.4
(18,2317)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	7	0.47	0.2	0.4
(18,2317)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	7	0.47	0.2	0.4
(18,2317)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	7	0.47	0.2	0.4
(18,2317)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	7	0.47	0.2	0.4
(18,2317)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	7	0.47	0.2	0.4
(18,2317)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	7	0.47	0.2	0.4
(18,2317)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	7	0.47	0.2	0.4
(18,2317)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	7	0.47	0.2	0.4
(18,2317)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	7	0.47	0.2	0.4
(18,2317)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	7	0.47	0.2	0.4
(29,2271)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	7	0.47	0.28	0.3
(29,2271)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	7	0.47	0.28	0.3
(30,2287)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	7	0.47	0.28	0.3
(30,2287)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	7	0.47	0.28	0.3
(1,2073)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	7	0.47	0.27	0.42
(1,2073)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	7	0.47	0.27	0.42
(1,2073)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	7	0.47	0.27	0.42
(1,2073)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	7	0.47	0.27	0.42
(1,2073)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	7	0.47	0.27	0.42
(1,2073)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	7	0.47	0.27	0.42
(2,2095)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	7	0.47	0.27	0.42
(2,2095)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	7	0.47	0.27	0.42
(2,2095)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	7	0.47	0.27	0.42
(2,2095)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	7	0.47	0.27	0.42
(2,2095)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	7	0.47	0.27	0.42
(2,2095)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	7	0.47	0.27	0.42
(6,2079)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	7	0.47	0.27	0.42
(6,2079)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	7	0.47	0.27	0.42
(6,2079)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	7	0.47	0.27	0.42
(6,2079)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	7	0.47	0.27	0.42
(6,2079)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	7	0.47	0.27	0.42
(6,2079)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	7	0.47	0.27	0.42
(34,2047)	1:23:A:LEU:HD11	1:24:A:ASP:H	7	0.47	0.17	0.55
(34,2047)	1:23:A:LEU:HD12	1:24:A:ASP:H	7	0.47	0.17	0.55
(34,2047)	1:23:A:LEU:HD13	1:24:A:ASP:H	7	0.47	0.17	0.55
(34,2047)	1:23:A:LEU:HD21	1:24:A:ASP:H	7	0.47	0.17	0.55
(34,2047)	1:23:A:LEU:HD22	1:24:A:ASP:H	7	0.47	0.17	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,2047)	1:23:A:LEU:HD23	1:24:A:ASP:H	7	0.47	0.17	0.55
(5,1748)	1:150:A:THR:HG21	1:151:A:PHE:HA	7	0.47	0.07	0.5
(5,1748)	1:150:A:THR:HG22	1:151:A:PHE:HA	7	0.47	0.07	0.5
(5,1748)	1:150:A:THR:HG23	1:151:A:PHE:HA	7	0.47	0.07	0.5
(1,1515)	1:40:A:LEU:HA	1:43:A:MET:HE1	7	0.46	0.24	0.4
(1,1515)	1:40:A:LEU:HA	1:43:A:MET:HE2	7	0.46	0.24	0.4
(1,1515)	1:40:A:LEU:HA	1:43:A:MET:HE3	7	0.46	0.24	0.4
(4,2034)	1:23:A:LEU:HD11	1:24:A:ASP:H	7	0.46	0.17	0.54
(4,2034)	1:23:A:LEU:HD12	1:24:A:ASP:H	7	0.46	0.17	0.54
(4,2034)	1:23:A:LEU:HD13	1:24:A:ASP:H	7	0.46	0.17	0.54
(4,2034)	1:23:A:LEU:HD21	1:24:A:ASP:H	7	0.46	0.17	0.54
(4,2034)	1:23:A:LEU:HD22	1:24:A:ASP:H	7	0.46	0.17	0.54
(4,2034)	1:23:A:LEU:HD23	1:24:A:ASP:H	7	0.46	0.17	0.54
(16,702)	1:56:A:CYS:H	1:122:A:ASP:HB2	7	0.45	0.22	0.38
(17,694)	1:56:A:CYS:H	1:122:A:ASP:HB2	7	0.45	0.22	0.38
(2,1871)	1:79:A:THR:HB	1:80:A:TYR:HE1	7	0.45	0.32	0.35
(2,1871)	1:79:A:THR:HB	1:80:A:TYR:HE2	7	0.45	0.32	0.35
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD11	7	0.45	0.31	0.41
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD12	7	0.45	0.31	0.41
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD13	7	0.45	0.31	0.41
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD21	7	0.45	0.31	0.41
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD22	7	0.45	0.31	0.41
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD23	7	0.45	0.31	0.41
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD11	7	0.45	0.31	0.41
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD12	7	0.45	0.31	0.41
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD13	7	0.45	0.31	0.41
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD21	7	0.45	0.31	0.41
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD22	7	0.45	0.31	0.41
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD23	7	0.45	0.31	0.41
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD11	7	0.45	0.31	0.41
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD12	7	0.45	0.31	0.41
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD13	7	0.45	0.31	0.41
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD21	7	0.45	0.31	0.41
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD22	7	0.45	0.31	0.41
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD23	7	0.45	0.31	0.41
(13,1756)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	7	0.45	0.12	0.47
(13,1756)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	7	0.45	0.12	0.47
(13,1756)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	7	0.45	0.12	0.47
(13,1756)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	7	0.45	0.12	0.47
(19,18)	1:56:A:CYS:SG	1:123:A:CYS:CB	7	0.45	0.42	0.21
(5,953)	1:40:A:LEU:HA	1:43:A:MET:HG2	7	0.45	0.33	0.42
(3,1972)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	7	0.44	0.33	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,1972)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	7	0.44	0.33	0.28
(3,1972)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	7	0.44	0.33	0.28
(3,1972)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	7	0.44	0.33	0.28
(17,1776)	1:141:A:LYS:HA	1:148:A:CYS:H	7	0.44	0.15	0.5
(5,928)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	7	0.43	0.25	0.35
(5,928)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	7	0.43	0.25	0.35
(5,2331)	1:107:A:LEU:HD11	1:112:A:GLN:HA	7	0.43	0.2	0.39
(5,2331)	1:107:A:LEU:HD12	1:112:A:GLN:HA	7	0.43	0.2	0.39
(5,2331)	1:107:A:LEU:HD13	1:112:A:GLN:HA	7	0.43	0.2	0.39
(5,2331)	1:107:A:LEU:HD21	1:112:A:GLN:HA	7	0.43	0.2	0.39
(5,2331)	1:107:A:LEU:HD22	1:112:A:GLN:HA	7	0.43	0.2	0.39
(5,2331)	1:107:A:LEU:HD23	1:112:A:GLN:HA	7	0.43	0.2	0.39
(11,934)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	7	0.43	0.25	0.35
(11,934)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	7	0.43	0.25	0.35
(2,985)	1:63:A:ILE:HA	1:64:A:LYS:HD2	7	0.43	0.15	0.37
(2,985)	1:63:A:ILE:HA	1:64:A:LYS:HD3	7	0.43	0.15	0.37
(17,998)	1:63:A:ILE:HA	1:64:A:LYS:HD2	7	0.43	0.15	0.37
(17,998)	1:63:A:ILE:HA	1:64:A:LYS:HD3	7	0.43	0.15	0.37
(29,1078)	1:71:A:LYS:HG3	1:72:A:PHE:HA	7	0.43	0.25	0.43
(3,1260)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	7	0.42	0.22	0.42
(3,1260)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	7	0.42	0.22	0.42
(3,1260)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	7	0.42	0.22	0.42
(1,1917)	1:63:A:ILE:HB	1:113:A:PHE:HD1	7	0.41	0.22	0.4
(1,1917)	1:63:A:ILE:HB	1:113:A:PHE:HD2	7	0.41	0.22	0.4
(2,1751)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	7	0.41	0.18	0.42
(2,1751)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	7	0.41	0.18	0.42
(2,1751)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	7	0.41	0.18	0.42
(5,1757)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	7	0.41	0.18	0.42
(5,1757)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	7	0.41	0.18	0.42
(5,1757)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	7	0.41	0.18	0.42
(7,1700)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	7	0.41	0.18	0.42
(7,1700)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	7	0.41	0.18	0.42
(7,1700)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	7	0.41	0.18	0.42
(9,1725)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	7	0.41	0.18	0.42
(9,1725)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	7	0.41	0.18	0.42
(9,1725)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	7	0.41	0.18	0.42
(11,1769)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	7	0.41	0.18	0.42
(11,1769)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	7	0.41	0.18	0.42
(11,1769)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	7	0.41	0.18	0.42
(13,1699)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	7	0.41	0.18	0.42
(13,1699)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	7	0.41	0.18	0.42
(13,1699)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	7	0.41	0.18	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,1748)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	7	0.41	0.18	0.42
(17,1748)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	7	0.41	0.18	0.42
(17,1748)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	7	0.41	0.18	0.42
(30,1740)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	7	0.41	0.18	0.42
(30,1740)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	7	0.41	0.18	0.42
(30,1740)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	7	0.41	0.18	0.42
(34,1743)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	7	0.41	0.18	0.42
(34,1743)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	7	0.41	0.18	0.42
(34,1743)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	7	0.41	0.18	0.42
(1,1480)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	7	0.41	0.14	0.39
(1,1480)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	7	0.41	0.14	0.39
(1,1480)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	7	0.41	0.14	0.39
(1,1480)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	7	0.41	0.14	0.39
(1,1480)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	7	0.41	0.14	0.39
(1,1480)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	7	0.41	0.14	0.39
(3,1498)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	7	0.41	0.14	0.39
(3,1498)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	7	0.41	0.14	0.39
(3,1498)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	7	0.41	0.14	0.39
(3,1498)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	7	0.41	0.14	0.39
(3,1498)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	7	0.41	0.14	0.39
(3,1498)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	7	0.41	0.14	0.39
(4,1455)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	7	0.41	0.14	0.39
(4,1455)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	7	0.41	0.14	0.39
(4,1455)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	7	0.41	0.14	0.39
(4,1455)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	7	0.41	0.14	0.39
(4,1455)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	7	0.41	0.14	0.39
(4,1455)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	7	0.41	0.14	0.39
(6,1468)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	7	0.41	0.14	0.39
(6,1468)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	7	0.41	0.14	0.39
(6,1468)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	7	0.41	0.14	0.39
(6,1468)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	7	0.41	0.14	0.39
(6,1468)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	7	0.41	0.14	0.39
(6,1468)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	7	0.41	0.14	0.39
(17,1491)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	7	0.41	0.14	0.39
(17,1491)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	7	0.41	0.14	0.39
(17,1491)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	7	0.41	0.14	0.39
(17,1491)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	7	0.41	0.14	0.39
(17,1491)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	7	0.41	0.14	0.39
(17,1491)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	7	0.41	0.14	0.39
(34,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD21	7	0.41	0.28	0.29
(34,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD22	7	0.41	0.28	0.29
(34,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD23	7	0.41	0.28	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,1008)	1:27:A:ARG:HB2	1:28:A:GLY:H	7	0.4	0.27	0.24
(11,1017)	1:27:A:ARG:HB2	1:28:A:GLY:H	7	0.4	0.27	0.24
(13,1375)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	7	0.4	0.24	0.35
(13,1375)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	7	0.4	0.24	0.35
(13,1375)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	7	0.4	0.24	0.35
(16,1400)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	7	0.4	0.24	0.35
(16,1400)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	7	0.4	0.24	0.35
(16,1400)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	7	0.4	0.24	0.35
(32,1365)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	7	0.4	0.24	0.35
(32,1365)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	7	0.4	0.24	0.35
(32,1365)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	7	0.4	0.24	0.35
(17,924)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	7	0.4	0.1	0.39
(17,924)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	7	0.4	0.1	0.39
(17,924)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	7	0.4	0.1	0.39
(18,924)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	7	0.4	0.1	0.39
(18,924)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	7	0.4	0.1	0.39
(18,924)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	7	0.4	0.1	0.39
(29,927)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	7	0.4	0.1	0.39
(29,927)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	7	0.4	0.1	0.39
(29,927)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	7	0.4	0.1	0.39
(30,1901)	1:63:A:ILE:HB	1:113:A:PHE:HD1	7	0.4	0.22	0.39
(30,1901)	1:63:A:ILE:HB	1:113:A:PHE:HD2	7	0.4	0.22	0.39
(6,2322)	1:105:A:LYS:HG2	1:112:A:GLN:HE21	7	0.4	0.29	0.24
(6,2322)	1:105:A:LYS:HG3	1:112:A:GLN:HE21	7	0.4	0.29	0.24
(32,289)	1:43:A:MET:H	1:43:A:MET:HG3	7	0.4	0.23	0.41
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD11	7	0.4	0.15	0.42
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD12	7	0.4	0.15	0.42
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD13	7	0.4	0.15	0.42
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD21	7	0.4	0.15	0.42
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD22	7	0.4	0.15	0.42
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD23	7	0.4	0.15	0.42
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD11	7	0.4	0.15	0.42
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD12	7	0.4	0.15	0.42
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD13	7	0.4	0.15	0.42
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD21	7	0.4	0.15	0.42
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD22	7	0.4	0.15	0.42
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD23	7	0.4	0.15	0.42
(13,2307)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	7	0.4	0.17	0.41
(13,2307)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	7	0.4	0.17	0.41
(13,2307)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	7	0.4	0.17	0.41
(13,2307)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	7	0.4	0.17	0.41
(13,2307)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	7	0.4	0.17	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,2307)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	7	0.4	0.17	0.41
(13,2307)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	7	0.4	0.17	0.41
(13,2307)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	7	0.4	0.17	0.41
(13,2307)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	7	0.4	0.17	0.41
(13,2307)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	7	0.4	0.17	0.41
(13,2307)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	7	0.4	0.17	0.41
(13,2307)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	7	0.4	0.17	0.41
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD11	7	0.4	0.15	0.42
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD12	7	0.4	0.15	0.42
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD13	7	0.4	0.15	0.42
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD21	7	0.4	0.15	0.42
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD22	7	0.4	0.15	0.42
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD23	7	0.4	0.15	0.42
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD11	7	0.4	0.15	0.42
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD12	7	0.4	0.15	0.42
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD13	7	0.4	0.15	0.42
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD21	7	0.4	0.15	0.42
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD22	7	0.4	0.15	0.42
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD23	7	0.4	0.15	0.42
(11,488)	1:98:A:ILE:H	1:105:A:LYS:H	7	0.4	0.25	0.25
(18,501)	1:98:A:ILE:H	1:105:A:LYS:H	7	0.4	0.25	0.25
(34,497)	1:98:A:ILE:H	1:105:A:LYS:H	7	0.4	0.25	0.25
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD11	7	0.4	0.2	0.32
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD12	7	0.4	0.2	0.32
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD13	7	0.4	0.2	0.32
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD21	7	0.4	0.2	0.32
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD22	7	0.4	0.2	0.32
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD23	7	0.4	0.2	0.32
(18,1257)	1:23:A:LEU:HD11	1:24:A:ASP:H	7	0.4	0.13	0.39
(18,1257)	1:23:A:LEU:HD12	1:24:A:ASP:H	7	0.4	0.13	0.39
(18,1257)	1:23:A:LEU:HD13	1:24:A:ASP:H	7	0.4	0.13	0.39
(5,2327)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	7	0.4	0.22	0.35
(5,2327)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	7	0.4	0.22	0.35
(5,2327)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	7	0.4	0.22	0.35
(5,2327)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	7	0.4	0.22	0.35
(5,2327)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	7	0.4	0.22	0.35
(5,2327)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	7	0.4	0.22	0.35
(5,2327)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	7	0.4	0.22	0.35
(5,2327)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	7	0.4	0.22	0.35
(5,2327)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	7	0.4	0.22	0.35
(5,2327)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	7	0.4	0.22	0.35
(5,2327)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	7	0.4	0.22	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,2327)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	7	0.4	0.22	0.35
(2,1519)	1:69:A:MET:HE1	1:115:A:ALA:H	7	0.39	0.21	0.31
(2,1519)	1:69:A:MET:HE2	1:115:A:ALA:H	7	0.39	0.21	0.31
(2,1519)	1:69:A:MET:HE3	1:115:A:ALA:H	7	0.39	0.21	0.31
(3,1542)	1:69:A:MET:HE1	1:115:A:ALA:H	7	0.39	0.21	0.31
(3,1542)	1:69:A:MET:HE2	1:115:A:ALA:H	7	0.39	0.21	0.31
(3,1542)	1:69:A:MET:HE3	1:115:A:ALA:H	7	0.39	0.21	0.31
(4,1499)	1:69:A:MET:HE1	1:115:A:ALA:H	7	0.39	0.21	0.31
(4,1499)	1:69:A:MET:HE2	1:115:A:ALA:H	7	0.39	0.21	0.31
(4,1499)	1:69:A:MET:HE3	1:115:A:ALA:H	7	0.39	0.21	0.31
(6,1513)	1:69:A:MET:HE1	1:115:A:ALA:H	7	0.39	0.21	0.31
(6,1513)	1:69:A:MET:HE2	1:115:A:ALA:H	7	0.39	0.21	0.31
(6,1513)	1:69:A:MET:HE3	1:115:A:ALA:H	7	0.39	0.21	0.31
(9,1514)	1:69:A:MET:HE1	1:115:A:ALA:H	7	0.39	0.21	0.31
(9,1514)	1:69:A:MET:HE2	1:115:A:ALA:H	7	0.39	0.21	0.31
(9,1514)	1:69:A:MET:HE3	1:115:A:ALA:H	7	0.39	0.21	0.31
(15,1509)	1:69:A:MET:HE1	1:115:A:ALA:H	7	0.39	0.21	0.31
(15,1509)	1:69:A:MET:HE2	1:115:A:ALA:H	7	0.39	0.21	0.31
(15,1509)	1:69:A:MET:HE3	1:115:A:ALA:H	7	0.39	0.21	0.31
(18,1508)	1:69:A:MET:HE1	1:115:A:ALA:H	7	0.39	0.21	0.31
(18,1508)	1:69:A:MET:HE2	1:115:A:ALA:H	7	0.39	0.21	0.31
(18,1508)	1:69:A:MET:HE3	1:115:A:ALA:H	7	0.39	0.21	0.31
(32,1478)	1:69:A:MET:HE1	1:115:A:ALA:H	7	0.39	0.21	0.31
(32,1478)	1:69:A:MET:HE2	1:115:A:ALA:H	7	0.39	0.21	0.31
(32,1478)	1:69:A:MET:HE3	1:115:A:ALA:H	7	0.39	0.21	0.31
(34,1533)	1:69:A:MET:HE1	1:115:A:ALA:H	7	0.39	0.21	0.31
(34,1533)	1:69:A:MET:HE2	1:115:A:ALA:H	7	0.39	0.21	0.31
(34,1533)	1:69:A:MET:HE3	1:115:A:ALA:H	7	0.39	0.21	0.31
(4,1957)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	7	0.39	0.15	0.38
(4,1957)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	7	0.39	0.15	0.38
(4,1957)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	7	0.39	0.15	0.38
(4,1957)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	7	0.39	0.15	0.38
(4,1957)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	7	0.39	0.15	0.38
(4,1957)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	7	0.39	0.15	0.38
(4,1957)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	7	0.39	0.15	0.38
(4,1957)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	7	0.39	0.15	0.38
(4,1957)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	7	0.39	0.15	0.38
(4,1957)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	7	0.39	0.15	0.38
(4,1957)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	7	0.39	0.15	0.38
(4,1957)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	7	0.39	0.15	0.38
(4,1957)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	7	0.39	0.15	0.38
(4,1957)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	7	0.39	0.15	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1957)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	7	0.39	0.15	0.38
(4,1957)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	7	0.39	0.15	0.38
(4,1957)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	7	0.39	0.15	0.38
(4,1957)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	7	0.39	0.15	0.38
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD11	7	0.39	0.25	0.36
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD12	7	0.39	0.25	0.36
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD13	7	0.39	0.25	0.36
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD21	7	0.39	0.25	0.36
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD22	7	0.39	0.25	0.36
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD23	7	0.39	0.25	0.36
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	7	0.39	0.25	0.36
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	7	0.39	0.25	0.36
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	7	0.39	0.25	0.36
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	7	0.39	0.25	0.36
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	7	0.39	0.25	0.36
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	7	0.39	0.25	0.36
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG11	7	0.39	0.23	0.34
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG12	7	0.39	0.23	0.34
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG13	7	0.39	0.23	0.34
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG21	7	0.39	0.23	0.34
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG22	7	0.39	0.23	0.34
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG23	7	0.39	0.23	0.34
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG11	7	0.39	0.23	0.34
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG12	7	0.39	0.23	0.34
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG13	7	0.39	0.23	0.34
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG21	7	0.39	0.23	0.34
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG22	7	0.39	0.23	0.34
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG23	7	0.39	0.23	0.34
(30,488)	1:98:A:ILE:H	1:105:A:LYS:H	7	0.39	0.25	0.24
(13,935)	1:39:A:VAL:HA	1:43:A:MET:HG3	7	0.39	0.25	0.3
(32,925)	1:39:A:VAL:HA	1:43:A:MET:HG3	7	0.39	0.25	0.3
(34,974)	1:39:A:VAL:HA	1:43:A:MET:HG3	7	0.39	0.25	0.3
(2,1927)	1:151:A:PHE:H	1:151:A:PHE:HD1	7	0.39	0.11	0.41
(2,1927)	1:151:A:PHE:H	1:151:A:PHE:HD2	7	0.39	0.11	0.41
(17,1919)	1:151:A:PHE:H	1:151:A:PHE:HD1	7	0.39	0.11	0.41
(17,1919)	1:151:A:PHE:H	1:151:A:PHE:HD2	7	0.39	0.11	0.41
(32,1866)	1:151:A:PHE:H	1:151:A:PHE:HD1	7	0.39	0.11	0.41
(32,1866)	1:151:A:PHE:H	1:151:A:PHE:HD2	7	0.39	0.11	0.41
(33,13)	1:64:A:LYS:H	1:116:A:GLN:HG3	7	0.39	0.17	0.4
(33,1900)	1:151:A:PHE:H	1:151:A:PHE:HD1	7	0.39	0.11	0.41
(33,1900)	1:151:A:PHE:H	1:151:A:PHE:HD2	7	0.39	0.11	0.41
(34,879)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	7	0.38	0.25	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,879)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	7	0.38	0.25	0.31
(34,879)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	7	0.38	0.25	0.31
(4,1095)	1:116:A:GLN:HA	1:116:A:GLN:HG3	7	0.38	0.15	0.34
(30,2342)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	7	0.38	0.17	0.39
(30,2342)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	7	0.38	0.17	0.39
(30,2342)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	7	0.38	0.17	0.39
(30,2342)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	7	0.38	0.17	0.39
(30,2342)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	7	0.38	0.17	0.39
(30,2342)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	7	0.38	0.17	0.39
(30,2342)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	7	0.38	0.17	0.39
(30,2342)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	7	0.38	0.17	0.39
(30,2342)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	7	0.38	0.17	0.39
(30,2342)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	7	0.38	0.17	0.39
(30,2342)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	7	0.38	0.17	0.39
(30,2342)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	7	0.38	0.17	0.39
(34,792)	1:60:A:LEU:H	1:63:A:ILE:HD11	7	0.38	0.31	0.25
(34,792)	1:60:A:LEU:H	1:63:A:ILE:HD12	7	0.38	0.31	0.25
(34,792)	1:60:A:LEU:H	1:63:A:ILE:HD13	7	0.38	0.31	0.25
(1,2105)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	7	0.37	0.18	0.35
(1,2105)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	7	0.37	0.18	0.35
(1,2105)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	7	0.37	0.18	0.35
(1,2105)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	7	0.37	0.18	0.35
(1,2105)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	7	0.37	0.18	0.35
(1,2105)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	7	0.37	0.18	0.35
(1,2105)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	7	0.37	0.18	0.35
(1,2105)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	7	0.37	0.18	0.35
(1,2105)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	7	0.37	0.18	0.35
(1,2105)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	7	0.37	0.18	0.35
(1,2105)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	7	0.37	0.18	0.35
(1,2105)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	7	0.37	0.18	0.35
(7,2086)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	7	0.37	0.18	0.35
(7,2086)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	7	0.37	0.18	0.35
(7,2086)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	7	0.37	0.18	0.35
(7,2086)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	7	0.37	0.18	0.35
(7,2086)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	7	0.37	0.18	0.35
(7,2086)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	7	0.37	0.18	0.35
(7,2086)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	7	0.37	0.18	0.35
(7,2086)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	7	0.37	0.18	0.35
(7,2086)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	7	0.37	0.18	0.35
(7,2086)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	7	0.37	0.18	0.35
(7,2086)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	7	0.37	0.18	0.35
(7,2086)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	7	0.37	0.18	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1306)	1:107:A:LEU:HA	1:108:A:GLU:HG2	7	0.37	0.08	0.35
(5,1343)	1:107:A:LEU:HA	1:108:A:GLU:HG2	7	0.37	0.08	0.35
(6,1319)	1:107:A:LEU:HA	1:108:A:GLU:HG2	7	0.37	0.08	0.35
(9,1321)	1:107:A:LEU:HA	1:108:A:GLU:HG2	7	0.37	0.08	0.35
(11,1343)	1:107:A:LEU:HA	1:108:A:GLU:HG2	7	0.37	0.08	0.35
(17,1337)	1:107:A:LEU:HA	1:108:A:GLU:HG2	7	0.37	0.08	0.35
(18,1316)	1:107:A:LEU:HA	1:108:A:GLU:HG2	7	0.37	0.08	0.35
(2,1038)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	7	0.37	0.06	0.39
(2,1038)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	7	0.37	0.06	0.39
(2,1038)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	7	0.37	0.06	0.39
(2,1038)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	7	0.37	0.06	0.39
(2,1038)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	7	0.37	0.06	0.39
(2,1038)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	7	0.37	0.06	0.39
(6,1029)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	7	0.37	0.06	0.39
(6,1029)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	7	0.37	0.06	0.39
(6,1029)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	7	0.37	0.06	0.39
(6,1029)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	7	0.37	0.06	0.39
(6,1029)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	7	0.37	0.06	0.39
(6,1029)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	7	0.37	0.06	0.39
(7,490)	1:98:A:ILE:H	1:105:A:LYS:H	7	0.37	0.25	0.22
(34,1282)	1:23:A:LEU:HD11	1:24:A:ASP:H	7	0.37	0.13	0.36
(34,1282)	1:23:A:LEU:HD12	1:24:A:ASP:H	7	0.37	0.13	0.36
(34,1282)	1:23:A:LEU:HD13	1:24:A:ASP:H	7	0.37	0.13	0.36
(2,736)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	7	0.36	0.09	0.38
(4,728)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	7	0.36	0.09	0.38
(5,736)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	7	0.36	0.09	0.38
(6,731)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	7	0.36	0.09	0.38
(7,731)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	7	0.36	0.09	0.38
(17,744)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	7	0.36	0.09	0.38
(17,1477)	1:13:A:ALA:HB1	1:79:A:THR:HB	7	0.36	0.14	0.36
(17,1477)	1:13:A:ALA:HB2	1:79:A:THR:HB	7	0.36	0.14	0.36
(17,1477)	1:13:A:ALA:HB3	1:79:A:THR:HB	7	0.36	0.14	0.36
(18,756)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	7	0.36	0.09	0.38
(29,753)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	7	0.36	0.09	0.38
(30,738)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	7	0.36	0.09	0.38
(30,2456)	1:140:A:LEU:HD11	1:143:A:TRP:HD1	7	0.36	0.18	0.29
(30,2456)	1:140:A:LEU:HD12	1:143:A:TRP:HD1	7	0.36	0.18	0.29
(30,2456)	1:140:A:LEU:HD13	1:143:A:TRP:HD1	7	0.36	0.18	0.29
(30,2456)	1:140:A:LEU:HD21	1:143:A:TRP:HD1	7	0.36	0.18	0.29
(30,2456)	1:140:A:LEU:HD22	1:143:A:TRP:HD1	7	0.36	0.18	0.29
(30,2456)	1:140:A:LEU:HD23	1:143:A:TRP:HD1	7	0.36	0.18	0.29
(33,740)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	7	0.36	0.09	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,2330)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	7	0.36	0.22	0.31
(6,2330)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	7	0.36	0.22	0.31
(6,2330)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	7	0.36	0.22	0.31
(6,2330)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	7	0.36	0.22	0.31
(6,2330)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	7	0.36	0.22	0.31
(6,2330)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	7	0.36	0.22	0.31
(6,2330)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	7	0.36	0.22	0.31
(6,2330)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	7	0.36	0.22	0.31
(6,2330)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	7	0.36	0.22	0.31
(6,2330)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	7	0.36	0.22	0.31
(6,2330)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	7	0.36	0.22	0.31
(6,2330)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	7	0.36	0.22	0.31
(5,1933)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	7	0.36	0.22	0.28
(5,1933)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	7	0.36	0.22	0.28
(5,1933)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	7	0.36	0.22	0.28
(5,1933)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	7	0.36	0.22	0.28
(5,1933)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	7	0.36	0.22	0.28
(5,1933)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	7	0.36	0.22	0.28
(1,1898)	1:104:A:PHE:HE1	1:105:A:LYS:H	7	0.36	0.17	0.3
(1,1898)	1:104:A:PHE:HE2	1:105:A:LYS:H	7	0.36	0.17	0.3
(5,1907)	1:104:A:PHE:HE1	1:105:A:LYS:H	7	0.36	0.17	0.3
(5,1907)	1:104:A:PHE:HE2	1:105:A:LYS:H	7	0.36	0.17	0.3
(9,1882)	1:104:A:PHE:HE1	1:105:A:LYS:H	7	0.36	0.17	0.3
(9,1882)	1:104:A:PHE:HE2	1:105:A:LYS:H	7	0.36	0.17	0.3
(33,1883)	1:104:A:PHE:HE1	1:105:A:LYS:H	7	0.36	0.17	0.3
(33,1883)	1:104:A:PHE:HE2	1:105:A:LYS:H	7	0.36	0.17	0.3
(18,1452)	1:13:A:ALA:HB1	1:79:A:THR:HB	7	0.35	0.14	0.35
(18,1452)	1:13:A:ALA:HB2	1:79:A:THR:HB	7	0.35	0.14	0.35
(18,1452)	1:13:A:ALA:HB3	1:79:A:THR:HB	7	0.35	0.14	0.35
(7,2247)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	7	0.35	0.16	0.34
(7,2247)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	7	0.35	0.16	0.34
(7,2247)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	7	0.35	0.16	0.34
(7,2247)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	7	0.35	0.16	0.34
(11,2286)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	7	0.35	0.16	0.34
(11,2286)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	7	0.35	0.16	0.34
(11,2286)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	7	0.35	0.16	0.34
(11,2286)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	7	0.35	0.16	0.34
(34,1859)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	7	0.35	0.22	0.27
(34,1859)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	7	0.35	0.22	0.27
(34,1859)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	7	0.35	0.22	0.27
(34,1859)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	7	0.35	0.22	0.27
(34,1859)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	7	0.35	0.22	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,1859)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	7	0.35	0.22	0.27
(4,2222)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	7	0.35	0.18	0.29
(4,2222)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	7	0.35	0.18	0.29
(4,2222)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	7	0.35	0.18	0.29
(4,2222)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	7	0.35	0.18	0.29
(32,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	7	0.35	0.18	0.29
(32,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	7	0.35	0.18	0.29
(32,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	7	0.35	0.18	0.29
(32,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	7	0.35	0.18	0.29
(13,1835)	1:14:A:VAL:HA	1:18:A:PHE:HD1	7	0.35	0.24	0.25
(13,1835)	1:14:A:VAL:HA	1:18:A:PHE:HD2	7	0.35	0.24	0.25
(4,2328)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	7	0.34	0.21	0.29
(4,2328)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	7	0.34	0.21	0.29
(4,2328)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	7	0.34	0.21	0.29
(4,2328)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	7	0.34	0.21	0.29
(4,2328)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	7	0.34	0.21	0.29
(4,2328)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	7	0.34	0.21	0.29
(4,2328)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	7	0.34	0.21	0.29
(4,2328)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	7	0.34	0.21	0.29
(4,2328)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	7	0.34	0.21	0.29
(4,2328)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	7	0.34	0.21	0.29
(4,2328)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	7	0.34	0.21	0.29
(4,2328)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	7	0.34	0.21	0.29
(5,694)	1:56:A:CYS:H	1:122:A:ASP:HB2	7	0.34	0.22	0.27
(32,847)	1:56:A:CYS:H	1:122:A:ASP:HB2	7	0.34	0.22	0.27
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD11	7	0.34	0.27	0.31
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD12	7	0.34	0.27	0.31
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD13	7	0.34	0.27	0.31
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD21	7	0.34	0.27	0.31
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD22	7	0.34	0.27	0.31
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD23	7	0.34	0.27	0.31
(11,869)	1:56:A:CYS:H	1:122:A:ASP:HB3	7	0.34	0.24	0.2
(18,877)	1:56:A:CYS:H	1:122:A:ASP:HB3	7	0.34	0.24	0.2
(34,874)	1:56:A:CYS:H	1:122:A:ASP:HB3	7	0.34	0.24	0.2
(6,2109)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	7	0.34	0.18	0.32
(6,2109)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	7	0.34	0.18	0.32
(6,2109)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	7	0.34	0.18	0.32
(6,2109)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	7	0.34	0.18	0.32
(6,2109)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	7	0.34	0.18	0.32
(6,2109)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	7	0.34	0.18	0.32
(6,2109)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	7	0.34	0.18	0.32
(6,2109)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	7	0.34	0.18	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,2109)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	7	0.34	0.18	0.32
(6,2109)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	7	0.34	0.18	0.32
(6,2109)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	7	0.34	0.18	0.32
(6,2109)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	7	0.34	0.18	0.32
(1,2123)	1:40:A:LEU:HD11	1:43:A:MET:HB3	7	0.34	0.2	0.27
(1,2123)	1:40:A:LEU:HD12	1:43:A:MET:HB3	7	0.34	0.2	0.27
(1,2123)	1:40:A:LEU:HD13	1:43:A:MET:HB3	7	0.34	0.2	0.27
(1,2123)	1:40:A:LEU:HD21	1:43:A:MET:HB3	7	0.34	0.2	0.27
(1,2123)	1:40:A:LEU:HD22	1:43:A:MET:HB3	7	0.34	0.2	0.27
(1,2123)	1:40:A:LEU:HD23	1:43:A:MET:HB3	7	0.34	0.2	0.27
(7,2104)	1:40:A:LEU:HD11	1:43:A:MET:HB3	7	0.34	0.2	0.27
(7,2104)	1:40:A:LEU:HD12	1:43:A:MET:HB3	7	0.34	0.2	0.27
(7,2104)	1:40:A:LEU:HD13	1:43:A:MET:HB3	7	0.34	0.2	0.27
(7,2104)	1:40:A:LEU:HD21	1:43:A:MET:HB3	7	0.34	0.2	0.27
(7,2104)	1:40:A:LEU:HD22	1:43:A:MET:HB3	7	0.34	0.2	0.27
(7,2104)	1:40:A:LEU:HD23	1:43:A:MET:HB3	7	0.34	0.2	0.27
(13,2080)	1:40:A:LEU:HD11	1:43:A:MET:HB3	7	0.34	0.2	0.27
(13,2080)	1:40:A:LEU:HD12	1:43:A:MET:HB3	7	0.34	0.2	0.27
(13,2080)	1:40:A:LEU:HD13	1:43:A:MET:HB3	7	0.34	0.2	0.27
(13,2080)	1:40:A:LEU:HD21	1:43:A:MET:HB3	7	0.34	0.2	0.27
(13,2080)	1:40:A:LEU:HD22	1:43:A:MET:HB3	7	0.34	0.2	0.27
(13,2080)	1:40:A:LEU:HD23	1:43:A:MET:HB3	7	0.34	0.2	0.27
(34,2138)	1:40:A:LEU:HD11	1:43:A:MET:HB3	7	0.34	0.2	0.27
(34,2138)	1:40:A:LEU:HD12	1:43:A:MET:HB3	7	0.34	0.2	0.27
(34,2138)	1:40:A:LEU:HD13	1:43:A:MET:HB3	7	0.34	0.2	0.27
(34,2138)	1:40:A:LEU:HD21	1:43:A:MET:HB3	7	0.34	0.2	0.27
(34,2138)	1:40:A:LEU:HD22	1:43:A:MET:HB3	7	0.34	0.2	0.27
(34,2138)	1:40:A:LEU:HD23	1:43:A:MET:HB3	7	0.34	0.2	0.27
(9,1874)	1:14:A:VAL:HA	1:18:A:PHE:HD1	7	0.34	0.24	0.24
(9,1874)	1:14:A:VAL:HA	1:18:A:PHE:HD2	7	0.34	0.24	0.24
(16,1950)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	7	0.34	0.11	0.35
(16,1950)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	7	0.34	0.11	0.35
(16,1950)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	7	0.34	0.11	0.35
(16,1950)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	7	0.34	0.11	0.35
(16,1950)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	7	0.34	0.11	0.35
(16,1950)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	7	0.34	0.11	0.35
(5,641)	1:66:A:THR:H	1:70:A:LYS:H	7	0.33	0.13	0.34
(33,640)	1:66:A:THR:H	1:70:A:LYS:H	7	0.33	0.13	0.34
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG11	7	0.33	0.11	0.35
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG12	7	0.33	0.11	0.35
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG13	7	0.33	0.11	0.35
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG21	7	0.33	0.11	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG22	7	0.33	0.11	0.35
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG23	7	0.33	0.11	0.35
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG11	7	0.33	0.11	0.35
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG12	7	0.33	0.11	0.35
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG13	7	0.33	0.11	0.35
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG21	7	0.33	0.11	0.35
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG22	7	0.33	0.11	0.35
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG23	7	0.33	0.11	0.35
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG11	7	0.33	0.11	0.35
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG12	7	0.33	0.11	0.35
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG13	7	0.33	0.11	0.35
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG21	7	0.33	0.11	0.35
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG22	7	0.33	0.11	0.35
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG23	7	0.33	0.11	0.35
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG11	7	0.33	0.11	0.35
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG12	7	0.33	0.11	0.35
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG13	7	0.33	0.11	0.35
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG21	7	0.33	0.11	0.35
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG22	7	0.33	0.11	0.35
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG23	7	0.33	0.11	0.35
(33,2019)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	7	0.33	0.13	0.4
(33,2019)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	7	0.33	0.13	0.4
(33,2019)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	7	0.33	0.13	0.4
(33,2019)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	7	0.33	0.13	0.4
(33,2019)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	7	0.33	0.13	0.4
(33,2019)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	7	0.33	0.13	0.4
(2,554)	1:124:A:THR:H	1:128:A:LEU:HD21	7	0.32	0.15	0.29
(2,554)	1:124:A:THR:H	1:128:A:LEU:HD22	7	0.32	0.15	0.29
(2,554)	1:124:A:THR:H	1:128:A:LEU:HD23	7	0.32	0.15	0.29
(4,546)	1:124:A:THR:H	1:128:A:LEU:HD21	7	0.32	0.15	0.29
(4,546)	1:124:A:THR:H	1:128:A:LEU:HD22	7	0.32	0.15	0.29
(4,546)	1:124:A:THR:H	1:128:A:LEU:HD23	7	0.32	0.15	0.29
(13,549)	1:124:A:THR:H	1:128:A:LEU:HD21	7	0.32	0.15	0.29
(13,549)	1:124:A:THR:H	1:128:A:LEU:HD22	7	0.32	0.15	0.29
(13,549)	1:124:A:THR:H	1:128:A:LEU:HD23	7	0.32	0.15	0.29
(17,550)	1:124:A:THR:H	1:128:A:LEU:HD21	7	0.32	0.15	0.29
(17,550)	1:124:A:THR:H	1:128:A:LEU:HD22	7	0.32	0.15	0.29
(17,550)	1:124:A:THR:H	1:128:A:LEU:HD23	7	0.32	0.15	0.29
(1,1131)	1:143:A:TRP:HA	1:143:A:TRP:HE3	7	0.32	0.16	0.31
(3,1142)	1:143:A:TRP:HA	1:143:A:TRP:HE3	7	0.32	0.16	0.31
(5,1131)	1:143:A:TRP:HA	1:143:A:TRP:HE3	7	0.32	0.16	0.31
(7,1100)	1:143:A:TRP:HA	1:143:A:TRP:HE3	7	0.32	0.16	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,1123)	1:143:A:TRP:HA	1:143:A:TRP:HE3	7	0.32	0.16	0.31
(11,1130)	1:143:A:TRP:HA	1:143:A:TRP:HE3	7	0.32	0.16	0.31
(16,1132)	1:143:A:TRP:HA	1:143:A:TRP:HE3	7	0.32	0.16	0.31
(18,1923)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	7	0.32	0.15	0.26
(18,1923)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	7	0.32	0.15	0.26
(18,1923)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	7	0.32	0.15	0.26
(18,1923)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	7	0.32	0.15	0.26
(29,1133)	1:143:A:TRP:HA	1:143:A:TRP:HE3	7	0.32	0.16	0.31
(30,1113)	1:143:A:TRP:HA	1:143:A:TRP:HE3	7	0.32	0.16	0.31
(2,2350)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	7	0.32	0.17	0.33
(2,2350)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	7	0.32	0.17	0.33
(2,2350)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	7	0.32	0.17	0.33
(2,2350)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	7	0.32	0.17	0.33
(2,2350)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	7	0.32	0.17	0.33
(2,2350)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	7	0.32	0.17	0.33
(2,2350)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	7	0.32	0.17	0.33
(2,2350)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	7	0.32	0.17	0.33
(2,2350)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	7	0.32	0.17	0.33
(2,2350)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	7	0.32	0.17	0.33
(2,2350)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	7	0.32	0.17	0.33
(2,2350)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	7	0.32	0.17	0.33
(2,1010)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	7	0.32	0.18	0.25
(2,1010)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	7	0.32	0.18	0.25
(11,1027)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	7	0.32	0.18	0.25
(11,1027)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	7	0.32	0.18	0.25
(17,1021)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	7	0.32	0.18	0.25
(17,1021)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	7	0.32	0.18	0.25
(18,1031)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	7	0.32	0.18	0.25
(18,1031)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	7	0.32	0.18	0.25
(29,1029)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	7	0.32	0.18	0.25
(29,1029)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	7	0.32	0.18	0.25
(34,1043)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	7	0.32	0.18	0.25
(34,1043)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	7	0.32	0.18	0.25
(1,1872)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	7	0.31	0.12	0.32
(2,1438)	1:119:A:LEU:HA	1:121:A:VAL:HG21	7	0.31	0.11	0.28
(2,1438)	1:119:A:LEU:HA	1:121:A:VAL:HG22	7	0.31	0.11	0.28
(2,1438)	1:119:A:LEU:HA	1:121:A:VAL:HG23	7	0.31	0.11	0.28
(3,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG21	7	0.31	0.11	0.28
(3,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG22	7	0.31	0.11	0.28
(3,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG23	7	0.31	0.11	0.28
(4,1413)	1:119:A:LEU:HA	1:121:A:VAL:HG21	7	0.31	0.11	0.28
(4,1413)	1:119:A:LEU:HA	1:121:A:VAL:HG22	7	0.31	0.11	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1413)	1:119:A:LEU:HA	1:121:A:VAL:HG23	7	0.31	0.11	0.28
(7,1414)	1:119:A:LEU:HA	1:121:A:VAL:HG21	7	0.31	0.11	0.28
(7,1414)	1:119:A:LEU:HA	1:121:A:VAL:HG22	7	0.31	0.11	0.28
(7,1414)	1:119:A:LEU:HA	1:121:A:VAL:HG23	7	0.31	0.11	0.28
(9,1426)	1:119:A:LEU:HA	1:121:A:VAL:HG21	7	0.31	0.11	0.28
(9,1426)	1:119:A:LEU:HA	1:121:A:VAL:HG22	7	0.31	0.11	0.28
(9,1426)	1:119:A:LEU:HA	1:121:A:VAL:HG23	7	0.31	0.11	0.28
(11,1450)	1:119:A:LEU:HA	1:121:A:VAL:HG21	7	0.31	0.11	0.28
(11,1450)	1:119:A:LEU:HA	1:121:A:VAL:HG22	7	0.31	0.11	0.28
(11,1450)	1:119:A:LEU:HA	1:121:A:VAL:HG23	7	0.31	0.11	0.28
(16,1432)	1:119:A:LEU:HA	1:121:A:VAL:HG21	7	0.31	0.11	0.28
(16,1432)	1:119:A:LEU:HA	1:121:A:VAL:HG22	7	0.31	0.11	0.28
(16,1432)	1:119:A:LEU:HA	1:121:A:VAL:HG23	7	0.31	0.11	0.28
(18,1424)	1:119:A:LEU:HA	1:121:A:VAL:HG21	7	0.31	0.11	0.28
(18,1424)	1:119:A:LEU:HA	1:121:A:VAL:HG22	7	0.31	0.11	0.28
(18,1424)	1:119:A:LEU:HA	1:121:A:VAL:HG23	7	0.31	0.11	0.28
(33,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG21	7	0.31	0.11	0.28
(33,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG22	7	0.31	0.11	0.28
(33,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG23	7	0.31	0.11	0.28
(34,1445)	1:119:A:LEU:HA	1:121:A:VAL:HG21	7	0.31	0.11	0.28
(34,1445)	1:119:A:LEU:HA	1:121:A:VAL:HG22	7	0.31	0.11	0.28
(34,1445)	1:119:A:LEU:HA	1:121:A:VAL:HG23	7	0.31	0.11	0.28
(34,2137)	1:40:A:LEU:HD11	1:43:A:MET:H	7	0.31	0.13	0.34
(34,2137)	1:40:A:LEU:HD12	1:43:A:MET:H	7	0.31	0.13	0.34
(34,2137)	1:40:A:LEU:HD13	1:43:A:MET:H	7	0.31	0.13	0.34
(34,2137)	1:40:A:LEU:HD21	1:43:A:MET:H	7	0.31	0.13	0.34
(34,2137)	1:40:A:LEU:HD22	1:43:A:MET:H	7	0.31	0.13	0.34
(34,2137)	1:40:A:LEU:HD23	1:43:A:MET:H	7	0.31	0.13	0.34
(34,2333)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	7	0.31	0.17	0.32
(34,2333)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	7	0.31	0.17	0.32
(34,2333)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	7	0.31	0.17	0.32
(34,2333)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	7	0.31	0.17	0.32
(34,2333)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	7	0.31	0.17	0.32
(34,2333)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	7	0.31	0.17	0.32
(34,2333)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	7	0.31	0.17	0.32
(34,2333)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	7	0.31	0.17	0.32
(34,2333)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	7	0.31	0.17	0.32
(34,2333)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	7	0.31	0.17	0.32
(34,2333)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	7	0.31	0.17	0.32
(34,2333)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	7	0.31	0.17	0.32
(5,2173)	1:50:A:ALA:H	1:130:A:GLY:HA2	7	0.31	0.17	0.24
(5,2173)	1:50:A:ALA:H	1:130:A:GLY:HA3	7	0.31	0.17	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,2149)	1:50:A:ALA:H	1:130:A:GLY:HA2	7	0.31	0.17	0.24
(7,2149)	1:50:A:ALA:H	1:130:A:GLY:HA3	7	0.31	0.17	0.24
(2,1339)	1:103:A:ARG:HG2	1:106:A:ASP:HA	7	0.3	0.12	0.23
(2,1339)	1:103:A:ARG:HG3	1:106:A:ASP:HA	7	0.3	0.12	0.23
(4,1321)	1:103:A:ARG:HG2	1:106:A:ASP:HA	7	0.3	0.12	0.23
(4,1321)	1:103:A:ARG:HG3	1:106:A:ASP:HA	7	0.3	0.12	0.23
(5,1358)	1:103:A:ARG:HG2	1:106:A:ASP:HA	7	0.3	0.12	0.23
(5,1358)	1:103:A:ARG:HG3	1:106:A:ASP:HA	7	0.3	0.12	0.23
(7,1320)	1:103:A:ARG:HG2	1:106:A:ASP:HA	7	0.3	0.12	0.23
(7,1320)	1:103:A:ARG:HG3	1:106:A:ASP:HA	7	0.3	0.12	0.23
(11,1360)	1:103:A:ARG:HG2	1:106:A:ASP:HA	7	0.3	0.12	0.23
(11,1360)	1:103:A:ARG:HG3	1:106:A:ASP:HA	7	0.3	0.12	0.23
(13,1312)	1:103:A:ARG:HG2	1:106:A:ASP:HA	7	0.3	0.12	0.23
(13,1312)	1:103:A:ARG:HG3	1:106:A:ASP:HA	7	0.3	0.12	0.23
(16,1344)	1:103:A:ARG:HG2	1:106:A:ASP:HA	7	0.3	0.12	0.23
(16,1344)	1:103:A:ARG:HG3	1:106:A:ASP:HA	7	0.3	0.12	0.23
(18,1333)	1:103:A:ARG:HG2	1:106:A:ASP:HA	7	0.3	0.12	0.23
(18,1333)	1:103:A:ARG:HG3	1:106:A:ASP:HA	7	0.3	0.12	0.23
(30,1333)	1:103:A:ARG:HG2	1:106:A:ASP:HA	7	0.3	0.12	0.23
(30,1333)	1:103:A:ARG:HG3	1:106:A:ASP:HA	7	0.3	0.12	0.23
(34,1357)	1:103:A:ARG:HG2	1:106:A:ASP:HA	7	0.3	0.12	0.23
(34,1357)	1:103:A:ARG:HG3	1:106:A:ASP:HA	7	0.3	0.12	0.23
(11,921)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	7	0.3	0.13	0.25
(11,921)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	7	0.3	0.13	0.25
(11,921)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	7	0.3	0.13	0.25
(29,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	7	0.3	0.13	0.25
(29,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	7	0.3	0.13	0.25
(29,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	7	0.3	0.13	0.25
(33,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	7	0.3	0.13	0.25
(33,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	7	0.3	0.13	0.25
(33,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	7	0.3	0.13	0.25
(34,937)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	7	0.3	0.13	0.25
(34,937)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	7	0.3	0.13	0.25
(34,937)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	7	0.3	0.13	0.25
(1,169)	1:50:A:ALA:HB1	1:127:A:CYS:H	7	0.3	0.15	0.27
(1,169)	1:50:A:ALA:HB2	1:127:A:CYS:H	7	0.3	0.15	0.27
(1,169)	1:50:A:ALA:HB3	1:127:A:CYS:H	7	0.3	0.15	0.27
(11,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	7	0.3	0.15	0.27
(11,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	7	0.3	0.15	0.27
(11,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	7	0.3	0.15	0.27
(16,930)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	7	0.29	0.1	0.28
(16,930)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	7	0.29	0.1	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,930)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	7	0.29	0.1	0.28
(16,2095)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	7	0.29	0.14	0.22
(16,2095)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	7	0.29	0.14	0.22
(16,2095)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	7	0.29	0.14	0.22
(16,2095)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	7	0.29	0.14	0.22
(16,2095)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	7	0.29	0.14	0.22
(16,2095)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	7	0.29	0.14	0.22
(18,1635)	1:12:A:VAL:HG11	1:15:A:ALA:HB1	7	0.28	0.14	0.29
(18,1635)	1:12:A:VAL:HG11	1:15:A:ALA:HB2	7	0.28	0.14	0.29
(18,1635)	1:12:A:VAL:HG11	1:15:A:ALA:HB3	7	0.28	0.14	0.29
(18,1635)	1:12:A:VAL:HG12	1:15:A:ALA:HB1	7	0.28	0.14	0.29
(18,1635)	1:12:A:VAL:HG12	1:15:A:ALA:HB2	7	0.28	0.14	0.29
(18,1635)	1:12:A:VAL:HG12	1:15:A:ALA:HB3	7	0.28	0.14	0.29
(18,1635)	1:12:A:VAL:HG13	1:15:A:ALA:HB1	7	0.28	0.14	0.29
(18,1635)	1:12:A:VAL:HG13	1:15:A:ALA:HB2	7	0.28	0.14	0.29
(18,1635)	1:12:A:VAL:HG13	1:15:A:ALA:HB3	7	0.28	0.14	0.29
(7,1483)	1:43:A:MET:H	1:43:A:MET:HE1	7	0.28	0.16	0.18
(7,1483)	1:43:A:MET:H	1:43:A:MET:HE2	7	0.28	0.16	0.18
(7,1483)	1:43:A:MET:H	1:43:A:MET:HE3	7	0.28	0.16	0.18
(34,1516)	1:43:A:MET:H	1:43:A:MET:HE1	7	0.28	0.16	0.18
(34,1516)	1:43:A:MET:H	1:43:A:MET:HE2	7	0.28	0.16	0.18
(34,1516)	1:43:A:MET:H	1:43:A:MET:HE3	7	0.28	0.16	0.18
(1,346)	1:123:A:CYS:H	1:123:A:CYS:HB3	7	0.28	0.06	0.28
(2,338)	1:123:A:CYS:H	1:123:A:CYS:HB3	7	0.28	0.06	0.28
(3,343)	1:123:A:CYS:H	1:123:A:CYS:HB3	7	0.28	0.06	0.28
(17,1574)	1:138:A:ASP:HB2	1:139:A:LEU:HD11	7	0.28	0.09	0.25
(17,1574)	1:138:A:ASP:HB2	1:139:A:LEU:HD12	7	0.28	0.09	0.25
(17,1574)	1:138:A:ASP:HB2	1:139:A:LEU:HD13	7	0.28	0.09	0.25
(17,1574)	1:138:A:ASP:HB3	1:139:A:LEU:HD11	7	0.28	0.09	0.25
(17,1574)	1:138:A:ASP:HB3	1:139:A:LEU:HD12	7	0.28	0.09	0.25
(17,1574)	1:138:A:ASP:HB3	1:139:A:LEU:HD13	7	0.28	0.09	0.25
(2,38)	1:43:A:MET:HA	1:47:A:ALA:H	7	0.27	0.19	0.16
(7,1092)	1:41:A:LYS:HA	1:44:A:GLU:HB2	7	0.27	0.13	0.23
(7,1092)	1:41:A:LYS:HA	1:44:A:GLU:HB3	7	0.27	0.13	0.23
(18,1523)	1:69:A:MET:HE1	1:112:A:GLN:HG2	7	0.27	0.18	0.19
(18,1523)	1:69:A:MET:HE1	1:112:A:GLN:HG3	7	0.27	0.18	0.19
(18,1523)	1:69:A:MET:HE2	1:112:A:GLN:HG2	7	0.27	0.18	0.19
(18,1523)	1:69:A:MET:HE2	1:112:A:GLN:HG3	7	0.27	0.18	0.19
(18,1523)	1:69:A:MET:HE3	1:112:A:GLN:HG2	7	0.27	0.18	0.19
(18,1523)	1:69:A:MET:HE3	1:112:A:GLN:HG3	7	0.27	0.18	0.19
(13,1068)	1:45:A:ALA:HA	1:48:A:ARG:HG2	7	0.27	0.09	0.28
(13,1068)	1:45:A:ALA:HA	1:48:A:ARG:HG3	7	0.27	0.09	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,299)	1:43:A:MET:H	1:43:A:MET:HG2	7	0.26	0.12	0.24
(7,1877)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	7	0.26	0.08	0.26
(9,1908)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	7	0.26	0.08	0.26
(29,1931)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	7	0.26	0.08	0.26
(32,1874)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	7	0.26	0.08	0.26
(3,1753)	1:19:A:ALA:HB1	1:20:A:THR:HG21	7	0.25	0.1	0.23
(3,1753)	1:19:A:ALA:HB1	1:20:A:THR:HG22	7	0.25	0.1	0.23
(3,1753)	1:19:A:ALA:HB1	1:20:A:THR:HG23	7	0.25	0.1	0.23
(3,1753)	1:19:A:ALA:HB2	1:20:A:THR:HG21	7	0.25	0.1	0.23
(3,1753)	1:19:A:ALA:HB2	1:20:A:THR:HG22	7	0.25	0.1	0.23
(3,1753)	1:19:A:ALA:HB2	1:20:A:THR:HG23	7	0.25	0.1	0.23
(3,1753)	1:19:A:ALA:HB3	1:20:A:THR:HG21	7	0.25	0.1	0.23
(3,1753)	1:19:A:ALA:HB3	1:20:A:THR:HG22	7	0.25	0.1	0.23
(3,1753)	1:19:A:ALA:HB3	1:20:A:THR:HG23	7	0.25	0.1	0.23
(9,1713)	1:19:A:ALA:HB1	1:20:A:THR:HG21	7	0.25	0.1	0.23
(9,1713)	1:19:A:ALA:HB1	1:20:A:THR:HG22	7	0.25	0.1	0.23
(9,1713)	1:19:A:ALA:HB1	1:20:A:THR:HG23	7	0.25	0.1	0.23
(9,1713)	1:19:A:ALA:HB2	1:20:A:THR:HG21	7	0.25	0.1	0.23
(9,1713)	1:19:A:ALA:HB2	1:20:A:THR:HG22	7	0.25	0.1	0.23
(9,1713)	1:19:A:ALA:HB2	1:20:A:THR:HG23	7	0.25	0.1	0.23
(9,1713)	1:19:A:ALA:HB3	1:20:A:THR:HG21	7	0.25	0.1	0.23
(9,1713)	1:19:A:ALA:HB3	1:20:A:THR:HG22	7	0.25	0.1	0.23
(9,1713)	1:19:A:ALA:HB3	1:20:A:THR:HG23	7	0.25	0.1	0.23
(15,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG21	7	0.25	0.1	0.23
(15,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG22	7	0.25	0.1	0.23
(15,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG23	7	0.25	0.1	0.23
(15,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG21	7	0.25	0.1	0.23
(15,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG22	7	0.25	0.1	0.23
(15,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG23	7	0.25	0.1	0.23
(15,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG21	7	0.25	0.1	0.23
(15,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG22	7	0.25	0.1	0.23
(15,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG23	7	0.25	0.1	0.23
(33,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG21	7	0.25	0.1	0.23
(33,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG22	7	0.25	0.1	0.23
(33,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG23	7	0.25	0.1	0.23
(33,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG21	7	0.25	0.1	0.23
(33,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG22	7	0.25	0.1	0.23
(33,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG23	7	0.25	0.1	0.23
(33,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG21	7	0.25	0.1	0.23
(33,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG22	7	0.25	0.1	0.23
(33,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG23	7	0.25	0.1	0.23
(5,2264)	1:73:A:ILE:HG21	1:109:A:PRO:HD2	7	0.25	0.13	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,2264)	1:73:A:ILE:HG21	1:109:A:PRO:HD3	7	0.25	0.13	0.25
(5,2264)	1:73:A:ILE:HG22	1:109:A:PRO:HD2	7	0.25	0.13	0.25
(5,2264)	1:73:A:ILE:HG22	1:109:A:PRO:HD3	7	0.25	0.13	0.25
(5,2264)	1:73:A:ILE:HG23	1:109:A:PRO:HD2	7	0.25	0.13	0.25
(5,2264)	1:73:A:ILE:HG23	1:109:A:PRO:HD3	7	0.25	0.13	0.25
(7,2184)	1:60:A:LEU:HD11	1:123:A:CYS:H	7	0.25	0.09	0.28
(7,2184)	1:60:A:LEU:HD12	1:123:A:CYS:H	7	0.25	0.09	0.28
(7,2184)	1:60:A:LEU:HD13	1:123:A:CYS:H	7	0.25	0.09	0.28
(7,2184)	1:60:A:LEU:HD21	1:123:A:CYS:H	7	0.25	0.09	0.28
(7,2184)	1:60:A:LEU:HD22	1:123:A:CYS:H	7	0.25	0.09	0.28
(7,2184)	1:60:A:LEU:HD23	1:123:A:CYS:H	7	0.25	0.09	0.28
(4,653)	1:108:A:GLU:H	1:112:A:GLN:H	7	0.25	0.1	0.18
(2,1701)	1:69:A:MET:HA	1:109:A:PRO:HA	7	0.24	0.08	0.24
(5,1706)	1:69:A:MET:HA	1:109:A:PRO:HA	7	0.24	0.08	0.24
(9,1678)	1:69:A:MET:HA	1:109:A:PRO:HA	7	0.24	0.08	0.24
(15,1680)	1:69:A:MET:HA	1:109:A:PRO:HA	7	0.24	0.08	0.24
(16,1678)	1:69:A:MET:HA	1:109:A:PRO:HA	7	0.24	0.08	0.24
(30,1690)	1:69:A:MET:HA	1:109:A:PRO:HA	7	0.24	0.08	0.24
(33,1676)	1:69:A:MET:HA	1:109:A:PRO:HA	7	0.24	0.08	0.24
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD11	7	0.24	0.11	0.18
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD12	7	0.24	0.11	0.18
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD13	7	0.24	0.11	0.18
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD21	7	0.24	0.11	0.18
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD22	7	0.24	0.11	0.18
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD23	7	0.24	0.11	0.18
(9,1834)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	7	0.24	0.09	0.2
(9,1834)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	7	0.24	0.09	0.2
(9,1834)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	7	0.24	0.09	0.2
(16,1832)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	7	0.24	0.09	0.2
(16,1832)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	7	0.24	0.09	0.2
(16,1832)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	7	0.24	0.09	0.2
(18,1830)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	7	0.24	0.09	0.2
(18,1830)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	7	0.24	0.09	0.2
(18,1830)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	7	0.24	0.09	0.2
(30,1842)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	7	0.24	0.09	0.2
(30,1842)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	7	0.24	0.09	0.2
(30,1842)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	7	0.24	0.09	0.2
(2,552)	1:124:A:THR:H	1:128:A:LEU:HD11	7	0.23	0.07	0.25
(2,552)	1:124:A:THR:H	1:128:A:LEU:HD12	7	0.23	0.07	0.25
(2,552)	1:124:A:THR:H	1:128:A:LEU:HD13	7	0.23	0.07	0.25
(15,294)	1:50:A:ALA:HB1	1:52:A:CYS:H	7	0.23	0.05	0.23
(15,294)	1:50:A:ALA:HB2	1:52:A:CYS:H	7	0.23	0.05	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,294)	1:50:A:ALA:HB3	1:52:A:CYS:H	7	0.23	0.05	0.23
(16,294)	1:50:A:ALA:HB1	1:52:A:CYS:H	7	0.23	0.05	0.23
(16,294)	1:50:A:ALA:HB2	1:52:A:CYS:H	7	0.23	0.05	0.23
(16,294)	1:50:A:ALA:HB3	1:52:A:CYS:H	7	0.23	0.05	0.23
(17,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	7	0.23	0.05	0.23
(17,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	7	0.23	0.05	0.23
(17,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	7	0.23	0.05	0.23
(29,289)	1:50:A:ALA:HB1	1:52:A:CYS:H	7	0.23	0.05	0.23
(29,289)	1:50:A:ALA:HB2	1:52:A:CYS:H	7	0.23	0.05	0.23
(29,289)	1:50:A:ALA:HB3	1:52:A:CYS:H	7	0.23	0.05	0.23
(32,282)	1:50:A:ALA:HB1	1:52:A:CYS:H	7	0.23	0.05	0.23
(32,282)	1:50:A:ALA:HB2	1:52:A:CYS:H	7	0.23	0.05	0.23
(32,282)	1:50:A:ALA:HB3	1:52:A:CYS:H	7	0.23	0.05	0.23
(34,294)	1:50:A:ALA:HB1	1:52:A:CYS:H	7	0.23	0.05	0.23
(34,294)	1:50:A:ALA:HB2	1:52:A:CYS:H	7	0.23	0.05	0.23
(34,294)	1:50:A:ALA:HB3	1:52:A:CYS:H	7	0.23	0.05	0.23
(1,238)	1:10:A:ASN:H	1:10:A:ASN:HB3	7	0.23	0.05	0.22
(2,226)	1:10:A:ASN:H	1:10:A:ASN:HB3	7	0.23	0.05	0.22
(3,1047)	1:41:A:LYS:HA	1:44:A:GLU:HB2	7	0.23	0.13	0.19
(3,1047)	1:41:A:LYS:HA	1:44:A:GLU:HB3	7	0.23	0.13	0.19
(5,1037)	1:41:A:LYS:HA	1:44:A:GLU:HB2	7	0.23	0.13	0.19
(5,1037)	1:41:A:LYS:HA	1:44:A:GLU:HB3	7	0.23	0.13	0.19
(6,1012)	1:41:A:LYS:HA	1:44:A:GLU:HB2	7	0.23	0.13	0.19
(6,1012)	1:41:A:LYS:HA	1:44:A:GLU:HB3	7	0.23	0.13	0.19
(9,1024)	1:41:A:LYS:HA	1:44:A:GLU:HB2	7	0.23	0.13	0.19
(9,1024)	1:41:A:LYS:HA	1:44:A:GLU:HB3	7	0.23	0.13	0.19
(11,1039)	1:41:A:LYS:HA	1:44:A:GLU:HB2	7	0.23	0.13	0.19
(11,1039)	1:41:A:LYS:HA	1:44:A:GLU:HB3	7	0.23	0.13	0.19
(29,1043)	1:41:A:LYS:HA	1:44:A:GLU:HB2	7	0.23	0.13	0.19
(29,1043)	1:41:A:LYS:HA	1:44:A:GLU:HB3	7	0.23	0.13	0.19
(30,1018)	1:41:A:LYS:HA	1:44:A:GLU:HB2	7	0.23	0.13	0.19
(30,1018)	1:41:A:LYS:HA	1:44:A:GLU:HB3	7	0.23	0.13	0.19
(33,1030)	1:41:A:LYS:HA	1:44:A:GLU:HB2	7	0.23	0.13	0.19
(33,1030)	1:41:A:LYS:HA	1:44:A:GLU:HB3	7	0.23	0.13	0.19
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD11	7	0.23	0.18	0.13
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD12	7	0.23	0.18	0.13
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD13	7	0.23	0.18	0.13
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD21	7	0.23	0.18	0.13
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD22	7	0.23	0.18	0.13
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD23	7	0.23	0.18	0.13
(2,661)	1:108:A:GLU:H	1:112:A:GLN:H	7	0.23	0.1	0.16
(5,662)	1:108:A:GLU:H	1:112:A:GLN:H	7	0.23	0.1	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,1152)	1:150:A:THR:HG21	1:151:A:PHE:HA	7	0.23	0.07	0.26
(2,1152)	1:150:A:THR:HG22	1:151:A:PHE:HA	7	0.23	0.07	0.26
(2,1152)	1:150:A:THR:HG23	1:151:A:PHE:HA	7	0.23	0.07	0.26
(6,1150)	1:150:A:THR:HG21	1:151:A:PHE:HA	7	0.23	0.07	0.26
(6,1150)	1:150:A:THR:HG22	1:151:A:PHE:HA	7	0.23	0.07	0.26
(6,1150)	1:150:A:THR:HG23	1:151:A:PHE:HA	7	0.23	0.07	0.26
(11,1172)	1:150:A:THR:HG21	1:151:A:PHE:HA	7	0.23	0.07	0.26
(11,1172)	1:150:A:THR:HG22	1:151:A:PHE:HA	7	0.23	0.07	0.26
(11,1172)	1:150:A:THR:HG23	1:151:A:PHE:HA	7	0.23	0.07	0.26
(13,1138)	1:150:A:THR:HG21	1:151:A:PHE:HA	7	0.23	0.07	0.26
(13,1138)	1:150:A:THR:HG22	1:151:A:PHE:HA	7	0.23	0.07	0.26
(13,1138)	1:150:A:THR:HG23	1:151:A:PHE:HA	7	0.23	0.07	0.26
(15,1160)	1:150:A:THR:HG21	1:151:A:PHE:HA	7	0.23	0.07	0.26
(15,1160)	1:150:A:THR:HG22	1:151:A:PHE:HA	7	0.23	0.07	0.26
(15,1160)	1:150:A:THR:HG23	1:151:A:PHE:HA	7	0.23	0.07	0.26
(16,1167)	1:150:A:THR:HG21	1:151:A:PHE:HA	7	0.23	0.07	0.26
(16,1167)	1:150:A:THR:HG22	1:151:A:PHE:HA	7	0.23	0.07	0.26
(16,1167)	1:150:A:THR:HG23	1:151:A:PHE:HA	7	0.23	0.07	0.26
(34,1186)	1:150:A:THR:HG21	1:151:A:PHE:HA	7	0.23	0.07	0.26
(34,1186)	1:150:A:THR:HG22	1:151:A:PHE:HA	7	0.23	0.07	0.26
(34,1186)	1:150:A:THR:HG23	1:151:A:PHE:HA	7	0.23	0.07	0.26
(1,1818)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	7	0.23	0.05	0.24
(1,1818)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	7	0.23	0.05	0.24
(1,1818)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	7	0.23	0.05	0.24
(1,1818)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	7	0.23	0.05	0.24
(1,1818)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	7	0.23	0.05	0.24
(1,1818)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	7	0.23	0.05	0.24
(4,1788)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	7	0.23	0.05	0.24
(4,1788)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	7	0.23	0.05	0.24
(4,1788)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	7	0.23	0.05	0.24
(4,1788)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	7	0.23	0.05	0.24
(4,1788)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	7	0.23	0.05	0.24
(4,1788)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	7	0.23	0.05	0.24
(7,1775)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	7	0.23	0.05	0.24
(7,1775)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	7	0.23	0.05	0.24
(7,1775)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	7	0.23	0.05	0.24
(7,1775)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	7	0.23	0.05	0.24
(7,1775)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	7	0.23	0.05	0.24
(7,1775)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	7	0.23	0.05	0.24
(15,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	7	0.23	0.05	0.24
(15,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	7	0.23	0.05	0.24
(15,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	7	0.23	0.05	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	7	0.23	0.05	0.24
(15,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	7	0.23	0.05	0.24
(15,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	7	0.23	0.05	0.24
(16,1800)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	7	0.23	0.05	0.24
(16,1800)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	7	0.23	0.05	0.24
(16,1800)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	7	0.23	0.05	0.24
(16,1800)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	7	0.23	0.05	0.24
(16,1800)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	7	0.23	0.05	0.24
(16,1800)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	7	0.23	0.05	0.24
(30,1809)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	7	0.23	0.05	0.24
(30,1809)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	7	0.23	0.05	0.24
(30,1809)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	7	0.23	0.05	0.24
(30,1809)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	7	0.23	0.05	0.24
(30,1809)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	7	0.23	0.05	0.24
(30,1809)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	7	0.23	0.05	0.24
(32,1770)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	7	0.23	0.05	0.24
(32,1770)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	7	0.23	0.05	0.24
(32,1770)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	7	0.23	0.05	0.24
(32,1770)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	7	0.23	0.05	0.24
(32,1770)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	7	0.23	0.05	0.24
(32,1770)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	7	0.23	0.05	0.24
(1,827)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	7	0.22	0.09	0.2
(1,827)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	7	0.22	0.09	0.2
(1,827)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	7	0.22	0.09	0.2
(33,760)	1:42:A:GLU:H	1:42:A:GLU:HB3	7	0.22	0.08	0.19
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD11	7	0.22	0.18	0.12
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD12	7	0.22	0.18	0.12
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD13	7	0.22	0.18	0.12
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD21	7	0.22	0.18	0.12
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD22	7	0.22	0.18	0.12
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD23	7	0.22	0.18	0.12
(5,2202)	1:60:A:LEU:HD11	1:120:A:CYS:HA	7	0.22	0.05	0.23
(5,2202)	1:60:A:LEU:HD12	1:120:A:CYS:HA	7	0.22	0.05	0.23
(5,2202)	1:60:A:LEU:HD13	1:120:A:CYS:HA	7	0.22	0.05	0.23
(5,2202)	1:60:A:LEU:HD21	1:120:A:CYS:HA	7	0.22	0.05	0.23
(5,2202)	1:60:A:LEU:HD22	1:120:A:CYS:HA	7	0.22	0.05	0.23
(5,2202)	1:60:A:LEU:HD23	1:120:A:CYS:HA	7	0.22	0.05	0.23
(13,2169)	1:60:A:LEU:HD11	1:120:A:CYS:HA	7	0.22	0.05	0.23
(13,2169)	1:60:A:LEU:HD12	1:120:A:CYS:HA	7	0.22	0.05	0.23
(13,2169)	1:60:A:LEU:HD13	1:120:A:CYS:HA	7	0.22	0.05	0.23
(13,2169)	1:60:A:LEU:HD21	1:120:A:CYS:HA	7	0.22	0.05	0.23
(13,2169)	1:60:A:LEU:HD22	1:120:A:CYS:HA	7	0.22	0.05	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,2169)	1:60:A:LEU:HD23	1:120:A:CYS:HA	7	0.22	0.05	0.23
(16,2202)	1:60:A:LEU:HD11	1:120:A:CYS:HA	7	0.22	0.05	0.23
(16,2202)	1:60:A:LEU:HD12	1:120:A:CYS:HA	7	0.22	0.05	0.23
(16,2202)	1:60:A:LEU:HD13	1:120:A:CYS:HA	7	0.22	0.05	0.23
(16,2202)	1:60:A:LEU:HD21	1:120:A:CYS:HA	7	0.22	0.05	0.23
(16,2202)	1:60:A:LEU:HD22	1:120:A:CYS:HA	7	0.22	0.05	0.23
(16,2202)	1:60:A:LEU:HD23	1:120:A:CYS:HA	7	0.22	0.05	0.23
(18,2222)	1:60:A:LEU:HD11	1:120:A:CYS:HA	7	0.22	0.05	0.23
(18,2222)	1:60:A:LEU:HD12	1:120:A:CYS:HA	7	0.22	0.05	0.23
(18,2222)	1:60:A:LEU:HD13	1:120:A:CYS:HA	7	0.22	0.05	0.23
(18,2222)	1:60:A:LEU:HD21	1:120:A:CYS:HA	7	0.22	0.05	0.23
(18,2222)	1:60:A:LEU:HD22	1:120:A:CYS:HA	7	0.22	0.05	0.23
(18,2222)	1:60:A:LEU:HD23	1:120:A:CYS:HA	7	0.22	0.05	0.23
(32,2195)	1:60:A:LEU:HD11	1:120:A:CYS:HA	7	0.22	0.05	0.23
(32,2195)	1:60:A:LEU:HD12	1:120:A:CYS:HA	7	0.22	0.05	0.23
(32,2195)	1:60:A:LEU:HD13	1:120:A:CYS:HA	7	0.22	0.05	0.23
(32,2195)	1:60:A:LEU:HD21	1:120:A:CYS:HA	7	0.22	0.05	0.23
(32,2195)	1:60:A:LEU:HD22	1:120:A:CYS:HA	7	0.22	0.05	0.23
(32,2195)	1:60:A:LEU:HD23	1:120:A:CYS:HA	7	0.22	0.05	0.23
(16,1249)	1:40:A:LEU:H	1:40:A:LEU:HD11	7	0.22	0.06	0.25
(16,1249)	1:40:A:LEU:H	1:40:A:LEU:HD12	7	0.22	0.06	0.25
(16,1249)	1:40:A:LEU:H	1:40:A:LEU:HD13	7	0.22	0.06	0.25
(3,247)	1:58:A:ILE:H	1:58:A:ILE:HD11	7	0.21	0.14	0.14
(3,247)	1:58:A:ILE:H	1:58:A:ILE:HD12	7	0.21	0.14	0.14
(3,247)	1:58:A:ILE:H	1:58:A:ILE:HD13	7	0.21	0.14	0.14
(5,242)	1:58:A:ILE:H	1:58:A:ILE:HD11	7	0.21	0.14	0.14
(5,242)	1:58:A:ILE:H	1:58:A:ILE:HD12	7	0.21	0.14	0.14
(5,242)	1:58:A:ILE:H	1:58:A:ILE:HD13	7	0.21	0.14	0.14
(7,251)	1:58:A:ILE:H	1:58:A:ILE:HD11	7	0.21	0.14	0.14
(7,251)	1:58:A:ILE:H	1:58:A:ILE:HD12	7	0.21	0.14	0.14
(7,251)	1:58:A:ILE:H	1:58:A:ILE:HD13	7	0.21	0.14	0.14
(11,248)	1:58:A:ILE:H	1:58:A:ILE:HD11	7	0.21	0.14	0.14
(11,248)	1:58:A:ILE:H	1:58:A:ILE:HD12	7	0.21	0.14	0.14
(11,248)	1:58:A:ILE:H	1:58:A:ILE:HD13	7	0.21	0.14	0.14
(15,255)	1:58:A:ILE:H	1:58:A:ILE:HD11	7	0.21	0.14	0.14
(15,255)	1:58:A:ILE:H	1:58:A:ILE:HD12	7	0.21	0.14	0.14
(15,255)	1:58:A:ILE:H	1:58:A:ILE:HD13	7	0.21	0.14	0.14
(16,256)	1:58:A:ILE:H	1:58:A:ILE:HD11	7	0.21	0.14	0.14
(16,256)	1:58:A:ILE:H	1:58:A:ILE:HD12	7	0.21	0.14	0.14
(16,256)	1:58:A:ILE:H	1:58:A:ILE:HD13	7	0.21	0.14	0.14
(17,247)	1:58:A:ILE:H	1:58:A:ILE:HD11	7	0.21	0.14	0.14
(17,247)	1:58:A:ILE:H	1:58:A:ILE:HD12	7	0.21	0.14	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,247)	1:58:A:ILE:H	1:58:A:ILE:HD13	7	0.21	0.14	0.14
(33,248)	1:58:A:ILE:H	1:58:A:ILE:HD11	7	0.21	0.14	0.14
(33,248)	1:58:A:ILE:H	1:58:A:ILE:HD12	7	0.21	0.14	0.14
(33,248)	1:58:A:ILE:H	1:58:A:ILE:HD13	7	0.21	0.14	0.14
(29,43)	1:45:A:ALA:HA	1:47:A:ALA:H	7	0.21	0.09	0.2
(4,1798)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	7	0.21	0.06	0.2
(4,1798)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	7	0.21	0.06	0.2
(30,1819)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	7	0.21	0.06	0.2
(30,1819)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	7	0.21	0.06	0.2
(33,1815)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	7	0.21	0.06	0.2
(33,1815)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	7	0.21	0.06	0.2
(34,1830)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	7	0.21	0.06	0.2
(34,1830)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	7	0.21	0.06	0.2
(11,1278)	1:23:A:LEU:HA	1:23:A:LEU:HD11	7	0.21	0.04	0.19
(11,1278)	1:23:A:LEU:HA	1:23:A:LEU:HD12	7	0.21	0.04	0.19
(11,1278)	1:23:A:LEU:HA	1:23:A:LEU:HD13	7	0.21	0.04	0.19
(7,269)	1:108:A:GLU:H	1:112:A:GLN:H	7	0.2	0.1	0.13
(34,710)	1:134:A:VAL:H	1:134:A:VAL:HG21	7	0.2	0.0	0.2
(34,710)	1:134:A:VAL:H	1:134:A:VAL:HG22	7	0.2	0.0	0.2
(34,710)	1:134:A:VAL:H	1:134:A:VAL:HG23	7	0.2	0.0	0.2
(3,912)	1:94:A:ALA:HA	1:95:A:ILE:HB	7	0.19	0.1	0.15
(7,883)	1:94:A:ALA:HA	1:95:A:ILE:HB	7	0.19	0.1	0.15
(13,881)	1:94:A:ALA:HA	1:95:A:ILE:HB	7	0.19	0.1	0.15
(15,892)	1:94:A:ALA:HA	1:95:A:ILE:HB	7	0.19	0.1	0.15
(16,908)	1:94:A:ALA:HA	1:95:A:ILE:HB	7	0.19	0.1	0.15
(18,285)	1:113:A:PHE:H	1:114:A:ILE:HB	7	0.19	0.06	0.21
(30,902)	1:150:A:THR:H	1:150:A:THR:HB	7	0.19	0.06	0.16
(6,2261)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	7	0.18	0.04	0.21
(6,2261)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	7	0.18	0.04	0.21
(16,2254)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	7	0.18	0.04	0.21
(16,2254)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	7	0.18	0.04	0.21
(17,2264)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	7	0.18	0.04	0.21
(17,2264)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	7	0.18	0.04	0.21
(2,785)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	7	0.18	0.06	0.16
(2,785)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	7	0.18	0.06	0.16
(2,785)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	7	0.18	0.06	0.16
(2,785)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	7	0.18	0.06	0.16
(2,785)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	7	0.18	0.06	0.16
(2,785)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	7	0.18	0.06	0.16
(5,788)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	7	0.18	0.06	0.16
(5,788)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	7	0.18	0.06	0.16
(5,788)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	7	0.18	0.06	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,788)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	7	0.18	0.06	0.16
(5,788)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	7	0.18	0.06	0.16
(5,788)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	7	0.18	0.06	0.16
(11,789)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	7	0.18	0.06	0.16
(11,789)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	7	0.18	0.06	0.16
(11,789)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	7	0.18	0.06	0.16
(11,789)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	7	0.18	0.06	0.16
(11,789)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	7	0.18	0.06	0.16
(11,789)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	7	0.18	0.06	0.16
(18,868)	1:37:A:LEU:HB3	1:40:A:LEU:H	7	0.18	0.04	0.17
(29,805)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	7	0.18	0.06	0.16
(29,805)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	7	0.18	0.06	0.16
(29,805)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	7	0.18	0.06	0.16
(29,805)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	7	0.18	0.06	0.16
(29,805)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	7	0.18	0.06	0.16
(29,805)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	7	0.18	0.06	0.16
(30,784)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	7	0.18	0.06	0.16
(30,784)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	7	0.18	0.06	0.16
(30,784)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	7	0.18	0.06	0.16
(30,784)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	7	0.18	0.06	0.16
(30,784)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	7	0.18	0.06	0.16
(30,784)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	7	0.18	0.06	0.16
(29,1191)	1:128:A:LEU:HD21	1:129:A:LYS:H	7	0.17	0.03	0.17
(29,1191)	1:128:A:LEU:HD22	1:129:A:LYS:H	7	0.17	0.03	0.17
(29,1191)	1:128:A:LEU:HD23	1:129:A:LYS:H	7	0.17	0.03	0.17
(2,1475)	1:45:A:ALA:HB1	1:47:A:ALA:H	7	0.17	0.05	0.15
(2,1475)	1:45:A:ALA:HB2	1:47:A:ALA:H	7	0.17	0.05	0.15
(2,1475)	1:45:A:ALA:HB3	1:47:A:ALA:H	7	0.17	0.05	0.15
(11,1488)	1:45:A:ALA:HB1	1:47:A:ALA:H	7	0.17	0.05	0.15
(11,1488)	1:45:A:ALA:HB2	1:47:A:ALA:H	7	0.17	0.05	0.15
(11,1488)	1:45:A:ALA:HB3	1:47:A:ALA:H	7	0.17	0.05	0.15
(13,1443)	1:45:A:ALA:HB1	1:47:A:ALA:H	7	0.17	0.05	0.15
(13,1443)	1:45:A:ALA:HB2	1:47:A:ALA:H	7	0.17	0.05	0.15
(13,1443)	1:45:A:ALA:HB3	1:47:A:ALA:H	7	0.17	0.05	0.15
(17,1485)	1:45:A:ALA:HB1	1:47:A:ALA:H	7	0.17	0.05	0.15
(17,1485)	1:45:A:ALA:HB2	1:47:A:ALA:H	7	0.17	0.05	0.15
(17,1485)	1:45:A:ALA:HB3	1:47:A:ALA:H	7	0.17	0.05	0.15
(29,1619)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	7	0.16	0.08	0.12
(29,1619)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	7	0.16	0.08	0.12
(29,1619)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	7	0.16	0.08	0.12
(4,342)	1:102:A:PRO:HA	1:104:A:PHE:H	7	0.16	0.03	0.16
(5,347)	1:102:A:PRO:HA	1:104:A:PHE:H	7	0.16	0.03	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,915)	1:81:A:GLU:HA	1:81:A:GLU:HG2	7	0.16	0.03	0.16
(7,915)	1:81:A:GLU:HA	1:81:A:GLU:HG3	7	0.16	0.03	0.16
(4,1235)	1:23:A:LEU:HA	1:23:A:LEU:HD11	7	0.16	0.04	0.14
(4,1235)	1:23:A:LEU:HA	1:23:A:LEU:HD12	7	0.16	0.04	0.14
(4,1235)	1:23:A:LEU:HA	1:23:A:LEU:HD13	7	0.16	0.04	0.14
(2,986)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	7	0.15	0.04	0.14
(3,1009)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	7	0.15	0.04	0.14
(4,981)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	7	0.15	0.04	0.14
(6,978)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	7	0.15	0.04	0.14
(11,1000)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	7	0.15	0.04	0.14
(13,974)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	7	0.15	0.04	0.14
(18,1004)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	7	0.15	0.04	0.14
(30,988)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	7	0.15	0.04	0.14
(32,967)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	7	0.15	0.04	0.14
(33,479)	1:147:A:ARG:HG2	1:148:A:CYS:H	7	0.15	0.04	0.15
(33,479)	1:147:A:ARG:HG3	1:148:A:CYS:H	7	0.15	0.04	0.15
(2,540)	1:60:A:LEU:HD11	1:61:A:SER:H	7	0.14	0.03	0.13
(2,540)	1:60:A:LEU:HD12	1:61:A:SER:H	7	0.14	0.03	0.13
(2,540)	1:60:A:LEU:HD13	1:61:A:SER:H	7	0.14	0.03	0.13
(6,538)	1:60:A:LEU:HD11	1:61:A:SER:H	7	0.14	0.03	0.13
(6,538)	1:60:A:LEU:HD12	1:61:A:SER:H	7	0.14	0.03	0.13
(6,538)	1:60:A:LEU:HD13	1:61:A:SER:H	7	0.14	0.03	0.13
(9,547)	1:60:A:LEU:HD11	1:61:A:SER:H	7	0.14	0.03	0.13
(9,547)	1:60:A:LEU:HD12	1:61:A:SER:H	7	0.14	0.03	0.13
(9,547)	1:60:A:LEU:HD13	1:61:A:SER:H	7	0.14	0.03	0.13
(11,543)	1:60:A:LEU:HD11	1:61:A:SER:H	7	0.14	0.03	0.13
(11,543)	1:60:A:LEU:HD12	1:61:A:SER:H	7	0.14	0.03	0.13
(11,543)	1:60:A:LEU:HD13	1:61:A:SER:H	7	0.14	0.03	0.13
(34,554)	1:60:A:LEU:HD11	1:61:A:SER:H	7	0.14	0.03	0.13
(34,554)	1:60:A:LEU:HD12	1:61:A:SER:H	7	0.14	0.03	0.13
(34,554)	1:60:A:LEU:HD13	1:61:A:SER:H	7	0.14	0.03	0.13
(9,44)	1:98:A:ILE:H	1:99:A:PRO:HD3	7	0.14	0.02	0.14
(18,46)	1:98:A:ILE:H	1:99:A:PRO:HD3	7	0.14	0.02	0.14
(15,1191)	1:107:A:LEU:H	1:107:A:LEU:HD21	7	0.14	0.03	0.13
(15,1191)	1:107:A:LEU:H	1:107:A:LEU:HD22	7	0.14	0.03	0.13
(15,1191)	1:107:A:LEU:H	1:107:A:LEU:HD23	7	0.14	0.03	0.13
(32,1151)	1:107:A:LEU:H	1:107:A:LEU:HD21	7	0.14	0.03	0.13
(32,1151)	1:107:A:LEU:H	1:107:A:LEU:HD22	7	0.14	0.03	0.13
(32,1151)	1:107:A:LEU:H	1:107:A:LEU:HD23	7	0.14	0.03	0.13
(9,1158)	1:37:A:LEU:HA	1:37:A:LEU:HD11	7	0.13	0.02	0.14
(9,1158)	1:37:A:LEU:HA	1:37:A:LEU:HD12	7	0.13	0.02	0.14
(9,1158)	1:37:A:LEU:HA	1:37:A:LEU:HD13	7	0.13	0.02	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1133)	1:37:A:LEU:HA	1:37:A:LEU:HD11	7	0.13	0.02	0.14
(13,1133)	1:37:A:LEU:HA	1:37:A:LEU:HD12	7	0.13	0.02	0.14
(13,1133)	1:37:A:LEU:HA	1:37:A:LEU:HD13	7	0.13	0.02	0.14
(3,1728)	1:14:A:VAL:H	1:43:A:MET:HE1	7	0.13	0.01	0.13
(3,1728)	1:14:A:VAL:H	1:43:A:MET:HE2	7	0.13	0.01	0.13
(3,1728)	1:14:A:VAL:H	1:43:A:MET:HE3	7	0.13	0.01	0.13
(4,665)	1:124:A:THR:H	1:126:A:GLY:H	7	0.13	0.01	0.13
(6,668)	1:124:A:THR:H	1:126:A:GLY:H	7	0.13	0.01	0.13
(7,669)	1:124:A:THR:H	1:126:A:GLY:H	7	0.13	0.01	0.13
(16,1689)	1:14:A:VAL:H	1:43:A:MET:HE1	7	0.13	0.01	0.13
(16,1689)	1:14:A:VAL:H	1:43:A:MET:HE2	7	0.13	0.01	0.13
(16,1689)	1:14:A:VAL:H	1:43:A:MET:HE3	7	0.13	0.01	0.13
(29,1717)	1:14:A:VAL:H	1:43:A:MET:HE1	7	0.13	0.01	0.13
(29,1717)	1:14:A:VAL:H	1:43:A:MET:HE2	7	0.13	0.01	0.13
(29,1717)	1:14:A:VAL:H	1:43:A:MET:HE3	7	0.13	0.01	0.13
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD11	6	2.13	0.94	2.36
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD12	6	2.13	0.94	2.36
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD13	6	2.13	0.94	2.36
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD21	6	2.13	0.94	2.36
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD22	6	2.13	0.94	2.36
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD23	6	2.13	0.94	2.36
(15,1343)	1:17:A:ASN:HA	1:76:A:ARG:HA	6	1.83	1.55	1.3
(32,1312)	1:17:A:ASN:HA	1:76:A:ARG:HA	6	1.83	1.55	1.3
(34,721)	1:44:A:GLU:HB2	1:48:A:ARG:HE	6	1.63	1.15	1.5
(34,721)	1:44:A:GLU:HB3	1:48:A:ARG:HE	6	1.63	1.15	1.5
(2,791)	1:11:A:ILE:HD11	1:14:A:VAL:HB	6	1.51	0.49	1.67
(2,791)	1:11:A:ILE:HD12	1:14:A:VAL:HB	6	1.51	0.49	1.67
(2,791)	1:11:A:ILE:HD13	1:14:A:VAL:HB	6	1.51	0.49	1.67
(11,795)	1:11:A:ILE:HD11	1:14:A:VAL:HB	6	1.51	0.49	1.67
(11,795)	1:11:A:ILE:HD12	1:14:A:VAL:HB	6	1.51	0.49	1.67
(11,795)	1:11:A:ILE:HD13	1:14:A:VAL:HB	6	1.51	0.49	1.67
(15,801)	1:11:A:ILE:HD11	1:14:A:VAL:HB	6	1.51	0.49	1.67
(15,801)	1:11:A:ILE:HD12	1:14:A:VAL:HB	6	1.51	0.49	1.67
(15,801)	1:11:A:ILE:HD13	1:14:A:VAL:HB	6	1.51	0.49	1.67
(34,802)	1:11:A:ILE:HD11	1:14:A:VAL:HB	6	1.51	0.49	1.67
(34,802)	1:11:A:ILE:HD12	1:14:A:VAL:HB	6	1.51	0.49	1.67
(34,802)	1:11:A:ILE:HD13	1:14:A:VAL:HB	6	1.51	0.49	1.67
(1,461)	1:18:A:PHE:H	1:113:A:PHE:HE1	6	1.5	1.31	0.99
(1,461)	1:18:A:PHE:H	1:113:A:PHE:HE2	6	1.5	1.31	0.99
(3,462)	1:18:A:PHE:H	1:113:A:PHE:HE1	6	1.5	1.31	0.99
(3,462)	1:18:A:PHE:H	1:113:A:PHE:HE2	6	1.5	1.31	0.99
(4,451)	1:18:A:PHE:H	1:113:A:PHE:HE1	6	1.5	1.31	0.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,451)	1:18:A:PHE:H	1:113:A:PHE:HE2	6	1.5	1.31	0.99
(6,455)	1:18:A:PHE:H	1:113:A:PHE:HE1	6	1.5	1.31	0.99
(6,455)	1:18:A:PHE:H	1:113:A:PHE:HE2	6	1.5	1.31	0.99
(7,460)	1:18:A:PHE:H	1:113:A:PHE:HE1	6	1.5	1.31	0.99
(7,460)	1:18:A:PHE:H	1:113:A:PHE:HE2	6	1.5	1.31	0.99
(17,454)	1:18:A:PHE:H	1:113:A:PHE:HE1	6	1.5	1.31	0.99
(17,454)	1:18:A:PHE:H	1:113:A:PHE:HE2	6	1.5	1.31	0.99
(29,464)	1:18:A:PHE:H	1:113:A:PHE:HE1	6	1.5	1.31	0.99
(29,464)	1:18:A:PHE:H	1:113:A:PHE:HE2	6	1.5	1.31	0.99
(30,461)	1:18:A:PHE:H	1:113:A:PHE:HE1	6	1.5	1.31	0.99
(30,461)	1:18:A:PHE:H	1:113:A:PHE:HE2	6	1.5	1.31	0.99
(32,446)	1:18:A:PHE:H	1:113:A:PHE:HE1	6	1.5	1.31	0.99
(32,446)	1:18:A:PHE:H	1:113:A:PHE:HE2	6	1.5	1.31	0.99
(34,467)	1:18:A:PHE:H	1:113:A:PHE:HE1	6	1.5	1.31	0.99
(34,467)	1:18:A:PHE:H	1:113:A:PHE:HE2	6	1.5	1.31	0.99
(7,785)	1:11:A:ILE:HD11	1:14:A:VAL:HB	6	1.5	0.49	1.66
(7,785)	1:11:A:ILE:HD12	1:14:A:VAL:HB	6	1.5	0.49	1.66
(7,785)	1:11:A:ILE:HD13	1:14:A:VAL:HB	6	1.5	0.49	1.66
(30,1099)	1:18:A:PHE:HA	1:113:A:PHE:HZ	6	1.48	1.22	1.0
(5,794)	1:11:A:ILE:HD11	1:14:A:VAL:HB	6	1.48	0.49	1.64
(5,794)	1:11:A:ILE:HD12	1:14:A:VAL:HB	6	1.48	0.49	1.64
(5,794)	1:11:A:ILE:HD13	1:14:A:VAL:HB	6	1.48	0.49	1.64
(13,781)	1:11:A:ILE:HD11	1:14:A:VAL:HB	6	1.48	0.49	1.64
(13,781)	1:11:A:ILE:HD12	1:14:A:VAL:HB	6	1.48	0.49	1.64
(13,781)	1:11:A:ILE:HD13	1:14:A:VAL:HB	6	1.48	0.49	1.64
(2,261)	1:27:A:ARG:HB3	1:29:A:LYS:H	6	1.46	0.44	1.56
(5,257)	1:27:A:ARG:HB3	1:29:A:LYS:H	6	1.46	0.44	1.56
(17,260)	1:27:A:ARG:HB3	1:29:A:LYS:H	6	1.46	0.44	1.56
(34,269)	1:27:A:ARG:HB3	1:29:A:LYS:H	6	1.46	0.44	1.56
(29,814)	1:11:A:ILE:HD11	1:14:A:VAL:HB	6	1.43	0.49	1.59
(29,814)	1:11:A:ILE:HD12	1:14:A:VAL:HB	6	1.43	0.49	1.59
(29,814)	1:11:A:ILE:HD13	1:14:A:VAL:HB	6	1.43	0.49	1.59
(11,1361)	1:105:A:LYS:HD2	1:106:A:ASP:HA	6	1.39	0.55	1.51
(11,1361)	1:105:A:LYS:HD3	1:106:A:ASP:HA	6	1.39	0.55	1.51
(4,748)	1:32:A:GLY:HA2	1:34:A:LYS:H	6	1.36	0.66	1.41
(15,2035)	1:31:A:PRO:HD2	1:144:A:LEU:HB2	6	1.36	1.12	1.15
(15,2035)	1:31:A:PRO:HD2	1:144:A:LEU:HB3	6	1.36	1.12	1.15
(15,2035)	1:31:A:PRO:HD3	1:144:A:LEU:HB2	6	1.36	1.12	1.15
(15,2035)	1:31:A:PRO:HD3	1:144:A:LEU:HB3	6	1.36	1.12	1.15
(5,1283)	1:14:A:VAL:HG11	1:15:A:ALA:HA	6	1.31	0.01	1.31
(5,1283)	1:14:A:VAL:HG12	1:15:A:ALA:HA	6	1.31	0.01	1.31
(5,1283)	1:14:A:VAL:HG13	1:15:A:ALA:HA	6	1.31	0.01	1.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG11	6	1.3	0.86	1.1
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG12	6	1.3	0.86	1.1
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG13	6	1.3	0.86	1.1
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG21	6	1.3	0.86	1.1
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG22	6	1.3	0.86	1.1
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG23	6	1.3	0.86	1.1
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG11	6	1.3	0.86	1.1
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG12	6	1.3	0.86	1.1
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG13	6	1.3	0.86	1.1
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG21	6	1.3	0.86	1.1
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG22	6	1.3	0.86	1.1
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG23	6	1.3	0.86	1.1
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG11	6	1.3	0.86	1.1
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG12	6	1.3	0.86	1.1
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG13	6	1.3	0.86	1.1
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG21	6	1.3	0.86	1.1
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG22	6	1.3	0.86	1.1
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG23	6	1.3	0.86	1.1
(1,1055)	1:11:A:ILE:HA	1:14:A:VAL:HB	6	1.29	0.15	1.32
(15,2038)	1:34:A:LYS:H	1:81:A:GLU:HB2	6	1.27	1.17	0.99
(15,2038)	1:34:A:LYS:H	1:81:A:GLU:HB3	6	1.27	1.17	0.99
(32,2044)	1:34:A:LYS:H	1:81:A:GLU:HB2	6	1.27	1.17	0.99
(32,2044)	1:34:A:LYS:H	1:81:A:GLU:HB3	6	1.27	1.17	0.99
(15,267)	1:27:A:ARG:HB3	1:29:A:LYS:H	6	1.25	0.44	1.35
(1,952)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	6	1.25	1.48	0.72
(1,952)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	6	1.25	1.48	0.72
(1,952)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	6	1.25	1.48	0.72
(1,952)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	6	1.25	1.48	0.72
(2,919)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	6	1.25	1.48	0.72
(2,919)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	6	1.25	1.48	0.72
(2,919)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	6	1.25	1.48	0.72
(2,919)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	6	1.25	1.48	0.72
(5,932)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	6	1.25	1.48	0.72
(5,932)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	6	1.25	1.48	0.72
(5,932)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	6	1.25	1.48	0.72
(5,932)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	6	1.25	1.48	0.72
(7,919)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	6	1.25	1.48	0.72
(7,919)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	6	1.25	1.48	0.72
(7,919)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	6	1.25	1.48	0.72
(7,919)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	6	1.25	1.48	0.72
(13,911)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	6	1.25	1.48	0.72
(13,911)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	6	1.25	1.48	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,911)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	6	1.25	1.48	0.72
(13,911)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	6	1.25	1.48	0.72
(29,940)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	6	1.25	1.48	0.72
(29,940)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	6	1.25	1.48	0.72
(29,940)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	6	1.25	1.48	0.72
(29,940)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	6	1.25	1.48	0.72
(30,926)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	6	1.25	1.48	0.72
(30,926)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	6	1.25	1.48	0.72
(30,926)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	6	1.25	1.48	0.72
(30,926)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	6	1.25	1.48	0.72
(32,902)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	6	1.25	1.48	0.72
(32,902)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	6	1.25	1.48	0.72
(32,902)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	6	1.25	1.48	0.72
(32,902)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	6	1.25	1.48	0.72
(33,935)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	6	1.25	1.48	0.72
(33,935)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	6	1.25	1.48	0.72
(33,935)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	6	1.25	1.48	0.72
(33,935)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	6	1.25	1.48	0.72
(5,1073)	1:14:A:VAL:HG21	1:61:A:SER:HA	6	1.2	0.32	1.08
(5,1073)	1:14:A:VAL:HG22	1:61:A:SER:HA	6	1.2	0.32	1.08
(5,1073)	1:14:A:VAL:HG23	1:61:A:SER:HA	6	1.2	0.32	1.08
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	6	1.2	0.52	1.04
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	6	1.2	0.52	1.04
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	6	1.2	0.52	1.04
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	6	1.2	0.52	1.04
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	6	1.2	0.52	1.04
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	6	1.2	0.52	1.04
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	6	1.2	0.52	1.04
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	6	1.2	0.52	1.04
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	6	1.2	0.52	1.04
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	6	1.2	0.52	1.04
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	6	1.2	0.52	1.04
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	6	1.2	0.52	1.04
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	6	1.2	0.52	1.04
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	6	1.2	0.52	1.04
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	6	1.2	0.52	1.04
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	6	1.2	0.52	1.04
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	6	1.2	0.52	1.04
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	6	1.2	0.52	1.04
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	6	1.2	0.52	1.04
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	6	1.2	0.52	1.04
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	6	1.2	0.52	1.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	6	1.2	0.52	1.04
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	6	1.2	0.52	1.04
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	6	1.2	0.52	1.04
(3,1196)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	6	1.2	0.68	1.04
(3,1196)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	6	1.2	0.68	1.04
(3,1196)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	6	1.2	0.68	1.04
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	6	1.19	0.52	1.02
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	6	1.19	0.52	1.02
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	6	1.19	0.52	1.02
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	6	1.19	0.52	1.02
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	6	1.19	0.52	1.02
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	6	1.19	0.52	1.02
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD11	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD12	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD13	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD21	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD22	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD23	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD11	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD12	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD13	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD21	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD22	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD23	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD11	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD12	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD13	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD21	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD22	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD23	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD11	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD12	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD13	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD21	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD22	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD23	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD11	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD12	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD13	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD21	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD22	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD23	6	1.19	0.74	1.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD11	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD12	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD13	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD21	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD22	6	1.19	0.74	1.04
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD23	6	1.19	0.74	1.04
(20,5)	1:52:A:CYS:SG	1:127:A:CYS:SG	6	1.16	0.91	0.96
(32,1817)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	6	1.12	0.29	1.08
(32,1817)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	6	1.12	0.29	1.08
(32,1817)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	6	1.12	0.29	1.08
(32,1817)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	6	1.12	0.29	1.08
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	6	1.11	0.52	0.94
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	6	1.11	0.52	0.94
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	6	1.11	0.52	0.94
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	6	1.11	0.52	0.94
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	6	1.11	0.52	0.94
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	6	1.11	0.52	0.94
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG11	6	1.1	0.86	0.9
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG12	6	1.1	0.86	0.9
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG13	6	1.1	0.86	0.9
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG21	6	1.1	0.86	0.9
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG22	6	1.1	0.86	0.9
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG23	6	1.1	0.86	0.9
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG11	6	1.1	0.86	0.9
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG12	6	1.1	0.86	0.9
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG13	6	1.1	0.86	0.9
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG21	6	1.1	0.86	0.9
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG22	6	1.1	0.86	0.9
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG23	6	1.1	0.86	0.9
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG11	6	1.1	0.86	0.9
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG12	6	1.1	0.86	0.9
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG13	6	1.1	0.86	0.9
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG21	6	1.1	0.86	0.9
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG22	6	1.1	0.86	0.9
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG23	6	1.1	0.86	0.9
(29,1870)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	6	1.09	0.29	1.05
(29,1870)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	6	1.09	0.29	1.05
(29,1870)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	6	1.09	0.29	1.05
(29,1870)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	6	1.09	0.29	1.05
(17,1866)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	6	1.07	0.29	1.03
(17,1866)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	6	1.07	0.29	1.03
(17,1866)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	6	1.07	0.29	1.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,1866)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	6	1.07	0.29	1.03
(6,259)	1:27:A:ARG:HB3	1:29:A:LYS:H	6	1.04	0.44	1.13
(18,267)	1:27:A:ARG:HB3	1:29:A:LYS:H	6	1.04	0.44	1.13
(5,2478)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	6	1.02	0.5	1.11
(5,2478)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	6	1.02	0.5	1.11
(5,2478)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	6	1.02	0.5	1.11
(5,2478)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	6	1.02	0.5	1.11
(15,995)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	6	1.02	1.1	0.64
(15,995)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	6	1.02	1.1	0.64
(3,1577)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	6	1.01	1.12	0.7
(3,1577)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	6	1.01	1.12	0.7
(3,1577)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	6	1.01	1.12	0.7
(3,1577)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	6	1.01	1.12	0.7
(3,1577)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	6	1.01	1.12	0.7
(3,1577)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	6	1.01	1.12	0.7
(1,1011)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	6	1.0	1.1	0.64
(1,1011)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	6	1.0	1.1	0.64
(3,1004)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	6	1.0	1.1	0.64
(3,1004)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	6	1.0	1.1	0.64
(5,1005)	1:14:A:VAL:HG21	1:61:A:SER:HB3	6	0.99	0.65	1.02
(5,1005)	1:14:A:VAL:HG22	1:61:A:SER:HB3	6	0.99	0.65	1.02
(5,1005)	1:14:A:VAL:HG23	1:61:A:SER:HB3	6	0.99	0.65	1.02
(7,1905)	1:10:A:ASN:HB2	1:79:A:THR:HB	6	0.99	0.81	0.57
(7,1905)	1:10:A:ASN:HB3	1:79:A:THR:HB	6	0.99	0.81	0.57
(1,1639)	1:13:A:ALA:HA	1:80:A:TYR:HB3	6	0.97	0.37	1.04
(34,1640)	1:13:A:ALA:HA	1:80:A:TYR:HB3	6	0.97	0.37	1.04
(2,1644)	1:13:A:ALA:HA	1:80:A:TYR:HB3	6	0.95	0.37	1.02
(13,1595)	1:13:A:ALA:HA	1:80:A:TYR:HB3	6	0.95	0.37	1.02
(1,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	6	0.95	0.82	0.76
(1,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	6	0.95	0.82	0.76
(1,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	6	0.95	0.82	0.76
(1,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	6	0.95	0.82	0.76
(1,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	6	0.95	0.82	0.76
(1,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	6	0.95	0.82	0.76
(4,1329)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	6	0.95	0.82	0.76
(4,1329)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	6	0.95	0.82	0.76
(4,1329)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	6	0.95	0.82	0.76
(4,1329)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	6	0.95	0.82	0.76
(4,1329)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	6	0.95	0.82	0.76
(4,1329)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	6	0.95	0.82	0.76
(7,1327)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	6	0.95	0.82	0.76
(7,1327)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	6	0.95	0.82	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1327)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	6	0.95	0.82	0.76
(7,1327)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	6	0.95	0.82	0.76
(7,1327)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	6	0.95	0.82	0.76
(7,1327)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	6	0.95	0.82	0.76
(15,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	6	0.95	0.82	0.76
(15,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	6	0.95	0.82	0.76
(15,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	6	0.95	0.82	0.76
(15,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	6	0.95	0.82	0.76
(15,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	6	0.95	0.82	0.76
(15,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	6	0.95	0.82	0.76
(17,1361)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	6	0.95	0.82	0.76
(17,1361)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	6	0.95	0.82	0.76
(17,1361)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	6	0.95	0.82	0.76
(17,1361)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	6	0.95	0.82	0.76
(17,1361)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	6	0.95	0.82	0.76
(17,1361)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	6	0.95	0.82	0.76
(29,1353)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	6	0.95	0.82	0.76
(29,1353)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	6	0.95	0.82	0.76
(29,1353)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	6	0.95	0.82	0.76
(29,1353)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	6	0.95	0.82	0.76
(29,1353)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	6	0.95	0.82	0.76
(29,1353)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	6	0.95	0.82	0.76
(32,1316)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	6	0.95	0.82	0.76
(32,1316)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	6	0.95	0.82	0.76
(32,1316)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	6	0.95	0.82	0.76
(32,1316)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	6	0.95	0.82	0.76
(32,1316)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	6	0.95	0.82	0.76
(32,1316)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	6	0.95	0.82	0.76
(33,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	6	0.95	0.82	0.76
(33,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	6	0.95	0.82	0.76
(33,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	6	0.95	0.82	0.76
(33,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	6	0.95	0.82	0.76
(33,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	6	0.95	0.82	0.76
(33,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	6	0.95	0.82	0.76
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD11	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD12	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD13	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD21	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD22	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD23	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD11	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD12	6	0.95	0.74	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD13	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD21	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD22	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD23	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD11	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD12	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD13	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD21	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD22	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD23	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD11	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD12	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD13	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD21	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD22	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD23	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD11	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD12	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD13	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD21	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD22	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD23	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD11	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD12	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD13	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD21	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD22	6	0.95	0.74	0.8
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD23	6	0.95	0.74	0.8
(15,1619)	1:13:A:ALA:HA	1:80:A:TYR:HB3	6	0.94	0.37	1.02
(2,1739)	1:13:A:ALA:HA	1:79:A:THR:HG21	6	0.94	0.86	0.62
(2,1739)	1:13:A:ALA:HA	1:79:A:THR:HG22	6	0.94	0.86	0.62
(2,1739)	1:13:A:ALA:HA	1:79:A:THR:HG23	6	0.94	0.86	0.62
(3,1752)	1:13:A:ALA:HA	1:79:A:THR:HG21	6	0.94	0.86	0.62
(3,1752)	1:13:A:ALA:HA	1:79:A:THR:HG22	6	0.94	0.86	0.62
(3,1752)	1:13:A:ALA:HA	1:79:A:THR:HG23	6	0.94	0.86	0.62
(4,1699)	1:13:A:ALA:HA	1:79:A:THR:HG21	6	0.94	0.86	0.62
(4,1699)	1:13:A:ALA:HA	1:79:A:THR:HG22	6	0.94	0.86	0.62
(4,1699)	1:13:A:ALA:HA	1:79:A:THR:HG23	6	0.94	0.86	0.62
(6,1721)	1:13:A:ALA:HA	1:79:A:THR:HG21	6	0.94	0.86	0.62
(6,1721)	1:13:A:ALA:HA	1:79:A:THR:HG22	6	0.94	0.86	0.62
(6,1721)	1:13:A:ALA:HA	1:79:A:THR:HG23	6	0.94	0.86	0.62
(9,1712)	1:13:A:ALA:HA	1:79:A:THR:HG21	6	0.94	0.86	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,1712)	1:13:A:ALA:HA	1:79:A:THR:HG22	6	0.94	0.86	0.62
(9,1712)	1:13:A:ALA:HA	1:79:A:THR:HG23	6	0.94	0.86	0.62
(11,1756)	1:13:A:ALA:HA	1:79:A:THR:HG21	6	0.94	0.86	0.62
(11,1756)	1:13:A:ALA:HA	1:79:A:THR:HG22	6	0.94	0.86	0.62
(11,1756)	1:13:A:ALA:HA	1:79:A:THR:HG23	6	0.94	0.86	0.62
(16,1712)	1:13:A:ALA:HA	1:79:A:THR:HG21	6	0.94	0.86	0.62
(16,1712)	1:13:A:ALA:HA	1:79:A:THR:HG22	6	0.94	0.86	0.62
(16,1712)	1:13:A:ALA:HA	1:79:A:THR:HG23	6	0.94	0.86	0.62
(18,1704)	1:13:A:ALA:HA	1:79:A:THR:HG21	6	0.94	0.86	0.62
(18,1704)	1:13:A:ALA:HA	1:79:A:THR:HG22	6	0.94	0.86	0.62
(18,1704)	1:13:A:ALA:HA	1:79:A:THR:HG23	6	0.94	0.86	0.62
(32,1677)	1:13:A:ALA:HA	1:79:A:THR:HG21	6	0.94	0.86	0.62
(32,1677)	1:13:A:ALA:HA	1:79:A:THR:HG22	6	0.94	0.86	0.62
(32,1677)	1:13:A:ALA:HA	1:79:A:THR:HG23	6	0.94	0.86	0.62
(33,1710)	1:13:A:ALA:HA	1:79:A:THR:HG21	6	0.94	0.86	0.62
(33,1710)	1:13:A:ALA:HA	1:79:A:THR:HG22	6	0.94	0.86	0.62
(33,1710)	1:13:A:ALA:HA	1:79:A:THR:HG23	6	0.94	0.86	0.62
(34,1097)	1:54:A:ARG:HA	1:58:A:ILE:HG13	6	0.92	0.51	1.09
(5,1349)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	6	0.92	0.36	0.91
(5,1349)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	6	0.92	0.36	0.91
(5,1349)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	6	0.92	0.36	0.91
(5,1349)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	6	0.92	0.36	0.91
(5,1349)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	6	0.92	0.36	0.91
(5,1349)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	6	0.92	0.36	0.91
(5,1349)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	6	0.92	0.36	0.91
(5,1349)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	6	0.92	0.36	0.91
(5,1349)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	6	0.92	0.36	0.91
(13,1825)	1:9:A:PHE:HE1	1:14:A:VAL:HB	6	0.92	0.28	0.89
(13,1825)	1:9:A:PHE:HE2	1:14:A:VAL:HB	6	0.92	0.28	0.89
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	6	0.91	0.52	0.74
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	6	0.91	0.52	0.74
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	6	0.91	0.52	0.74
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	6	0.91	0.52	0.74
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	6	0.91	0.52	0.74
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	6	0.91	0.52	0.74
(2,581)	1:129:A:LYS:HG2	1:130:A:GLY:H	6	0.9	0.49	0.78
(29,587)	1:129:A:LYS:HG2	1:130:A:GLY:H	6	0.9	0.49	0.78
(2,1919)	1:18:A:PHE:HE1	1:131:A:LEU:H	6	0.9	0.4	0.8
(2,1919)	1:18:A:PHE:HE2	1:131:A:LEU:H	6	0.9	0.4	0.8
(3,1921)	1:18:A:PHE:HE1	1:131:A:LEU:H	6	0.9	0.4	0.8
(3,1921)	1:18:A:PHE:HE2	1:131:A:LEU:H	6	0.9	0.4	0.8
(9,1892)	1:18:A:PHE:HE1	1:131:A:LEU:H	6	0.9	0.4	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,1892)	1:18:A:PHE:HE2	1:131:A:LEU:H	6	0.9	0.4	0.8
(11,1912)	1:18:A:PHE:HE1	1:131:A:LEU:H	6	0.9	0.4	0.8
(11,1912)	1:18:A:PHE:HE2	1:131:A:LEU:H	6	0.9	0.4	0.8
(18,1881)	1:18:A:PHE:HE1	1:131:A:LEU:H	6	0.9	0.4	0.8
(18,1881)	1:18:A:PHE:HE2	1:131:A:LEU:H	6	0.9	0.4	0.8
(29,1911)	1:18:A:PHE:HE1	1:131:A:LEU:H	6	0.9	0.4	0.8
(29,1911)	1:18:A:PHE:HE2	1:131:A:LEU:H	6	0.9	0.4	0.8
(30,1894)	1:18:A:PHE:HE1	1:131:A:LEU:H	6	0.9	0.4	0.8
(30,1894)	1:18:A:PHE:HE2	1:131:A:LEU:H	6	0.9	0.4	0.8
(32,1858)	1:18:A:PHE:HE1	1:131:A:LEU:H	6	0.9	0.4	0.8
(32,1858)	1:18:A:PHE:HE2	1:131:A:LEU:H	6	0.9	0.4	0.8
(33,1892)	1:18:A:PHE:HE1	1:131:A:LEU:H	6	0.9	0.4	0.8
(33,1892)	1:18:A:PHE:HE2	1:131:A:LEU:H	6	0.9	0.4	0.8
(34,1900)	1:18:A:PHE:HE1	1:131:A:LEU:H	6	0.9	0.4	0.8
(34,1900)	1:18:A:PHE:HE2	1:131:A:LEU:H	6	0.9	0.4	0.8
(30,1628)	1:13:A:ALA:HA	1:80:A:TYR:HB3	6	0.9	0.37	0.98
(3,772)	1:37:A:LEU:H	1:40:A:LEU:HB3	6	0.88	0.38	1.04
(4,749)	1:37:A:LEU:H	1:40:A:LEU:HB3	6	0.88	0.38	1.04
(11,759)	1:37:A:LEU:H	1:40:A:LEU:HB3	6	0.88	0.38	1.04
(11,1584)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	6	0.88	0.56	0.67
(11,1584)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	6	0.88	0.56	0.67
(11,1584)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	6	0.88	0.56	0.67
(17,1863)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	6	0.88	0.54	0.74
(17,1863)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	6	0.88	0.54	0.74
(17,1863)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	6	0.88	0.54	0.74
(17,1863)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	6	0.88	0.54	0.74
(18,1835)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	6	0.88	0.54	0.74
(18,1835)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	6	0.88	0.54	0.74
(18,1835)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	6	0.88	0.54	0.74
(18,1835)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	6	0.88	0.54	0.74
(29,1641)	1:13:A:ALA:HA	1:80:A:TYR:HB3	6	0.87	0.37	0.94
(32,1213)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	6	0.87	0.62	0.98
(32,1213)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	6	0.87	0.62	0.98
(32,1213)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	6	0.87	0.62	0.98
(32,1213)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	6	0.87	0.62	0.98
(32,1213)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	6	0.87	0.62	0.98
(32,1213)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	6	0.87	0.62	0.98
(3,2105)	1:35:A:LEU:HD11	1:143:A:TRP:HA	6	0.87	0.44	0.68
(3,2105)	1:35:A:LEU:HD12	1:143:A:TRP:HA	6	0.87	0.44	0.68
(3,2105)	1:35:A:LEU:HD13	1:143:A:TRP:HA	6	0.87	0.44	0.68
(3,2105)	1:35:A:LEU:HD21	1:143:A:TRP:HA	6	0.87	0.44	0.68
(3,2105)	1:35:A:LEU:HD22	1:143:A:TRP:HA	6	0.87	0.44	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,2105)	1:35:A:LEU:HD23	1:143:A:TRP:HA	6	0.87	0.44	0.68
(7,2048)	1:35:A:LEU:HD11	1:143:A:TRP:HA	6	0.87	0.44	0.68
(7,2048)	1:35:A:LEU:HD12	1:143:A:TRP:HA	6	0.87	0.44	0.68
(7,2048)	1:35:A:LEU:HD13	1:143:A:TRP:HA	6	0.87	0.44	0.68
(7,2048)	1:35:A:LEU:HD21	1:143:A:TRP:HA	6	0.87	0.44	0.68
(7,2048)	1:35:A:LEU:HD22	1:143:A:TRP:HA	6	0.87	0.44	0.68
(7,2048)	1:35:A:LEU:HD23	1:143:A:TRP:HA	6	0.87	0.44	0.68
(30,2082)	1:35:A:LEU:HD11	1:143:A:TRP:HA	6	0.87	0.44	0.68
(30,2082)	1:35:A:LEU:HD12	1:143:A:TRP:HA	6	0.87	0.44	0.68
(30,2082)	1:35:A:LEU:HD13	1:143:A:TRP:HA	6	0.87	0.44	0.68
(30,2082)	1:35:A:LEU:HD21	1:143:A:TRP:HA	6	0.87	0.44	0.68
(30,2082)	1:35:A:LEU:HD22	1:143:A:TRP:HA	6	0.87	0.44	0.68
(30,2082)	1:35:A:LEU:HD23	1:143:A:TRP:HA	6	0.87	0.44	0.68
(9,1961)	1:12:A:VAL:HG11	1:43:A:MET:HB2	6	0.86	0.34	0.94
(9,1961)	1:12:A:VAL:HG12	1:43:A:MET:HB2	6	0.86	0.34	0.94
(9,1961)	1:12:A:VAL:HG13	1:43:A:MET:HB2	6	0.86	0.34	0.94
(9,1961)	1:12:A:VAL:HG21	1:43:A:MET:HB2	6	0.86	0.34	0.94
(9,1961)	1:12:A:VAL:HG22	1:43:A:MET:HB2	6	0.86	0.34	0.94
(9,1961)	1:12:A:VAL:HG23	1:43:A:MET:HB2	6	0.86	0.34	0.94
(9,1961)	1:12:A:VAL:HG11	1:43:A:MET:HB3	6	0.86	0.34	0.94
(9,1961)	1:12:A:VAL:HG12	1:43:A:MET:HB3	6	0.86	0.34	0.94
(9,1961)	1:12:A:VAL:HG13	1:43:A:MET:HB3	6	0.86	0.34	0.94
(9,1961)	1:12:A:VAL:HG21	1:43:A:MET:HB3	6	0.86	0.34	0.94
(9,1961)	1:12:A:VAL:HG22	1:43:A:MET:HB3	6	0.86	0.34	0.94
(9,1961)	1:12:A:VAL:HG23	1:43:A:MET:HB3	6	0.86	0.34	0.94
(13,617)	1:35:A:LEU:H	1:80:A:TYR:HB2	6	0.86	0.4	0.96
(33,1847)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	6	0.86	0.29	0.82
(33,1847)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	6	0.86	0.29	0.82
(33,1847)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	6	0.86	0.29	0.82
(33,1847)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	6	0.86	0.29	0.82
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG11	6	0.86	0.71	0.64
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG12	6	0.86	0.71	0.64
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG13	6	0.86	0.71	0.64
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG21	6	0.86	0.71	0.64
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG22	6	0.86	0.71	0.64
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG23	6	0.86	0.71	0.64
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG11	6	0.86	0.71	0.64
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG12	6	0.86	0.71	0.64
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG13	6	0.86	0.71	0.64
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG21	6	0.86	0.71	0.64
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG22	6	0.86	0.71	0.64
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG23	6	0.86	0.71	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD11	6	0.84	0.48	0.75
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD12	6	0.84	0.48	0.75
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD13	6	0.84	0.48	0.75
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD21	6	0.84	0.48	0.75
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD22	6	0.84	0.48	0.75
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD23	6	0.84	0.48	0.75
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD11	6	0.84	0.48	0.75
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD12	6	0.84	0.48	0.75
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD13	6	0.84	0.48	0.75
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD21	6	0.84	0.48	0.75
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD22	6	0.84	0.48	0.75
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD23	6	0.84	0.48	0.75
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD11	6	0.84	0.48	0.75
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD12	6	0.84	0.48	0.75
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD13	6	0.84	0.48	0.75
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD21	6	0.84	0.48	0.75
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD22	6	0.84	0.48	0.75
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD23	6	0.84	0.48	0.75
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD11	6	0.84	0.48	0.75
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD12	6	0.84	0.48	0.75
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD13	6	0.84	0.48	0.75
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD21	6	0.84	0.48	0.75
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD22	6	0.84	0.48	0.75
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD23	6	0.84	0.48	0.75
(32,1750)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	6	0.83	0.23	0.83
(32,1750)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	6	0.83	0.23	0.83
(32,1750)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	6	0.83	0.23	0.83
(32,1750)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	6	0.83	0.23	0.83
(1,1945)	1:10:A:ASN:HB3	1:61:A:SER:HB2	6	0.83	0.5	0.7
(1,1945)	1:10:A:ASN:HB3	1:61:A:SER:HB3	6	0.83	0.5	0.7
(2,1968)	1:10:A:ASN:HB3	1:61:A:SER:HB2	6	0.83	0.5	0.7
(2,1968)	1:10:A:ASN:HB3	1:61:A:SER:HB3	6	0.83	0.5	0.7
(5,1641)	1:13:A:ALA:HA	1:80:A:TYR:HB3	6	0.83	0.37	0.9
(6,1625)	1:13:A:ALA:HA	1:80:A:TYR:HB3	6	0.83	0.37	0.9
(7,1599)	1:13:A:ALA:HA	1:80:A:TYR:HB3	6	0.83	0.37	0.9
(11,1659)	1:13:A:ALA:HA	1:80:A:TYR:HB3	6	0.83	0.37	0.9
(17,1643)	1:13:A:ALA:HA	1:80:A:TYR:HB3	6	0.83	0.37	0.9
(32,1589)	1:13:A:ALA:HA	1:80:A:TYR:HB3	6	0.83	0.37	0.9
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	6	0.82	0.41	0.72
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	6	0.82	0.41	0.72
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	6	0.82	0.41	0.72
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	6	0.82	0.41	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	6	0.82	0.41	0.72
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	6	0.82	0.41	0.72
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	6	0.82	0.41	0.72
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	6	0.82	0.41	0.72
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	6	0.82	0.41	0.72
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	6	0.82	0.41	0.72
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	6	0.82	0.41	0.72
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	6	0.82	0.41	0.72
(13,1028)	1:11:A:ILE:HA	1:14:A:VAL:HB	6	0.82	0.15	0.85
(15,1048)	1:11:A:ILE:HA	1:14:A:VAL:HB	6	0.82	0.15	0.85
(17,1050)	1:11:A:ILE:HA	1:14:A:VAL:HB	6	0.82	0.15	0.85
(30,581)	1:129:A:LYS:HG2	1:130:A:GLY:H	6	0.82	0.49	0.69
(5,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	6	0.81	0.4	0.91
(11,622)	1:35:A:LEU:H	1:80:A:TYR:HB2	6	0.81	0.4	0.91
(16,626)	1:35:A:LEU:H	1:80:A:TYR:HB2	6	0.81	0.4	0.91
(29,626)	1:35:A:LEU:H	1:80:A:TYR:HB2	6	0.81	0.4	0.91
(30,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	6	0.81	0.4	0.91
(33,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	6	0.81	0.4	0.91
(2,1036)	1:11:A:ILE:HA	1:14:A:VAL:HB	6	0.81	0.15	0.84
(29,1057)	1:11:A:ILE:HA	1:14:A:VAL:HB	6	0.81	0.15	0.84
(34,1070)	1:11:A:ILE:HA	1:14:A:VAL:HB	6	0.81	0.15	0.84
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD11	6	0.81	1.03	0.36
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD12	6	0.81	1.03	0.36
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD13	6	0.81	1.03	0.36
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD21	6	0.81	1.03	0.36
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD22	6	0.81	1.03	0.36
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD23	6	0.81	1.03	0.36
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD11	6	0.81	1.03	0.36
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD12	6	0.81	1.03	0.36
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD13	6	0.81	1.03	0.36
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD21	6	0.81	1.03	0.36
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD22	6	0.81	1.03	0.36
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD23	6	0.81	1.03	0.36
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD11	6	0.81	1.03	0.36
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD12	6	0.81	1.03	0.36
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD13	6	0.81	1.03	0.36
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD21	6	0.81	1.03	0.36
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD22	6	0.81	1.03	0.36
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD23	6	0.81	1.03	0.36
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD11	6	0.81	1.03	0.36
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD12	6	0.81	1.03	0.36
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD13	6	0.81	1.03	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD21	6	0.81	1.03	0.36
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD22	6	0.81	1.03	0.36
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD23	6	0.81	1.03	0.36
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD11	6	0.81	1.03	0.36
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD12	6	0.81	1.03	0.36
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD13	6	0.81	1.03	0.36
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD21	6	0.81	1.03	0.36
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD22	6	0.81	1.03	0.36
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD23	6	0.81	1.03	0.36
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD11	6	0.81	1.03	0.36
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD12	6	0.81	1.03	0.36
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD13	6	0.81	1.03	0.36
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD21	6	0.81	1.03	0.36
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD22	6	0.81	1.03	0.36
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD23	6	0.81	1.03	0.36
(3,774)	1:12:A:VAL:H	1:40:A:LEU:HD21	6	0.8	0.45	0.73
(3,774)	1:12:A:VAL:H	1:40:A:LEU:HD22	6	0.8	0.45	0.73
(3,774)	1:12:A:VAL:H	1:40:A:LEU:HD23	6	0.8	0.45	0.73
(33,1784)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	6	0.8	0.23	0.8
(33,1784)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	6	0.8	0.23	0.8
(33,1784)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	6	0.8	0.23	0.8
(33,1784)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	6	0.8	0.23	0.8
(5,1051)	1:11:A:ILE:HA	1:14:A:VAL:HB	6	0.8	0.15	0.83
(6,1027)	1:11:A:ILE:HA	1:14:A:VAL:HB	6	0.8	0.15	0.83
(7,1022)	1:11:A:ILE:HA	1:14:A:VAL:HB	6	0.8	0.15	0.83
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	6	0.79	0.38	0.69
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	6	0.79	0.38	0.69
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	6	0.79	0.38	0.69
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	6	0.79	0.38	0.69
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	6	0.79	0.38	0.69
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	6	0.79	0.38	0.69
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	6	0.79	0.38	0.69
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	6	0.79	0.38	0.69
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	6	0.79	0.38	0.69
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	6	0.79	0.38	0.69
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	6	0.79	0.38	0.69
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	6	0.79	0.38	0.69
(11,2015)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	6	0.79	0.46	0.76
(11,2015)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	6	0.79	0.46	0.76
(11,2015)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	6	0.79	0.46	0.76
(11,2015)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	6	0.79	0.46	0.76
(11,2015)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	6	0.79	0.46	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,2015)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	6	0.79	0.46	0.76
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	6	0.78	0.67	0.55
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	6	0.78	0.67	0.55
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	6	0.78	0.67	0.55
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	6	0.78	0.67	0.55
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	6	0.78	0.67	0.55
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	6	0.78	0.67	0.55
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	6	0.78	0.67	0.55
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	6	0.78	0.67	0.55
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	6	0.78	0.67	0.55
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	6	0.78	0.67	0.55
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	6	0.78	0.67	0.55
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	6	0.78	0.67	0.55
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	6	0.78	0.67	0.55
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	6	0.78	0.67	0.55
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	6	0.78	0.67	0.55
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	6	0.78	0.67	0.55
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	6	0.78	0.67	0.55
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	6	0.78	0.67	0.55
(11,1052)	1:11:A:ILE:HA	1:14:A:VAL:HB	6	0.78	0.15	0.81
(6,1984)	1:12:A:VAL:HG11	1:43:A:MET:HB2	6	0.78	0.3	0.84
(6,1984)	1:12:A:VAL:HG11	1:43:A:MET:HB3	6	0.78	0.3	0.84
(6,1984)	1:12:A:VAL:HG12	1:43:A:MET:HB2	6	0.78	0.3	0.84
(6,1984)	1:12:A:VAL:HG12	1:43:A:MET:HB3	6	0.78	0.3	0.84
(6,1984)	1:12:A:VAL:HG13	1:43:A:MET:HB2	6	0.78	0.3	0.84
(6,1984)	1:12:A:VAL:HG13	1:43:A:MET:HB3	6	0.78	0.3	0.84
(6,1984)	1:12:A:VAL:HG21	1:43:A:MET:HB2	6	0.78	0.3	0.84
(6,1984)	1:12:A:VAL:HG21	1:43:A:MET:HB3	6	0.78	0.3	0.84
(6,1984)	1:12:A:VAL:HG22	1:43:A:MET:HB2	6	0.78	0.3	0.84
(6,1984)	1:12:A:VAL:HG22	1:43:A:MET:HB3	6	0.78	0.3	0.84
(6,1984)	1:12:A:VAL:HG23	1:43:A:MET:HB2	6	0.78	0.3	0.84
(6,1984)	1:12:A:VAL:HG23	1:43:A:MET:HB3	6	0.78	0.3	0.84
(2,424)	1:39:A:VAL:HG21	1:143:A:TRP:H	6	0.77	0.32	0.78
(2,424)	1:39:A:VAL:HG22	1:143:A:TRP:H	6	0.77	0.32	0.78
(2,424)	1:39:A:VAL:HG23	1:143:A:TRP:H	6	0.77	0.32	0.78
(5,1825)	1:9:A:PHE:HD1	1:14:A:VAL:HB	6	0.77	0.2	0.84
(5,1825)	1:9:A:PHE:HD2	1:14:A:VAL:HB	6	0.77	0.2	0.84
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	6	0.76	0.38	0.66
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	6	0.76	0.38	0.66
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	6	0.76	0.38	0.66
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	6	0.76	0.38	0.66
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	6	0.76	0.38	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	6	0.76	0.38	0.66
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	6	0.76	0.38	0.66
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	6	0.76	0.38	0.66
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	6	0.76	0.38	0.66
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	6	0.76	0.38	0.66
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	6	0.76	0.38	0.66
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	6	0.76	0.38	0.66
(13,950)	1:11:A:ILE:HG12	1:14:A:VAL:HB	6	0.76	0.83	0.29
(1,2028)	1:23:A:LEU:HD11	1:27:A:ARG:HA	6	0.74	0.41	0.68
(1,2028)	1:23:A:LEU:HD12	1:27:A:ARG:HA	6	0.74	0.41	0.68
(1,2028)	1:23:A:LEU:HD13	1:27:A:ARG:HA	6	0.74	0.41	0.68
(1,2028)	1:23:A:LEU:HD21	1:27:A:ARG:HA	6	0.74	0.41	0.68
(1,2028)	1:23:A:LEU:HD22	1:27:A:ARG:HA	6	0.74	0.41	0.68
(1,2028)	1:23:A:LEU:HD23	1:27:A:ARG:HA	6	0.74	0.41	0.68
(2,1194)	1:140:A:LEU:HA	1:144:A:LEU:HD21	6	0.74	0.3	0.84
(2,1194)	1:140:A:LEU:HA	1:144:A:LEU:HD22	6	0.74	0.3	0.84
(2,1194)	1:140:A:LEU:HA	1:144:A:LEU:HD23	6	0.74	0.3	0.84
(4,1212)	1:21:A:THR:HG21	1:23:A:LEU:HA	6	0.73	0.29	0.76
(4,1212)	1:21:A:THR:HG22	1:23:A:LEU:HA	6	0.73	0.29	0.76
(4,1212)	1:21:A:THR:HG23	1:23:A:LEU:HA	6	0.73	0.29	0.76
(6,1229)	1:21:A:THR:HG21	1:23:A:LEU:HA	6	0.73	0.29	0.76
(6,1229)	1:21:A:THR:HG22	1:23:A:LEU:HA	6	0.73	0.29	0.76
(6,1229)	1:21:A:THR:HG23	1:23:A:LEU:HA	6	0.73	0.29	0.76
(7,1213)	1:21:A:THR:HG21	1:23:A:LEU:HA	6	0.73	0.29	0.76
(7,1213)	1:21:A:THR:HG22	1:23:A:LEU:HA	6	0.73	0.29	0.76
(7,1213)	1:21:A:THR:HG23	1:23:A:LEU:HA	6	0.73	0.29	0.76
(11,1252)	1:21:A:THR:HG21	1:23:A:LEU:HA	6	0.73	0.29	0.76
(11,1252)	1:21:A:THR:HG22	1:23:A:LEU:HA	6	0.73	0.29	0.76
(11,1252)	1:21:A:THR:HG23	1:23:A:LEU:HA	6	0.73	0.29	0.76
(13,1211)	1:21:A:THR:HG21	1:23:A:LEU:HA	6	0.73	0.29	0.76
(13,1211)	1:21:A:THR:HG22	1:23:A:LEU:HA	6	0.73	0.29	0.76
(13,1211)	1:21:A:THR:HG23	1:23:A:LEU:HA	6	0.73	0.29	0.76
(16,1241)	1:21:A:THR:HG21	1:23:A:LEU:HA	6	0.73	0.29	0.76
(16,1241)	1:21:A:THR:HG22	1:23:A:LEU:HA	6	0.73	0.29	0.76
(16,1241)	1:21:A:THR:HG23	1:23:A:LEU:HA	6	0.73	0.29	0.76
(18,1242)	1:21:A:THR:HG21	1:23:A:LEU:HA	6	0.73	0.29	0.76
(18,1242)	1:21:A:THR:HG22	1:23:A:LEU:HA	6	0.73	0.29	0.76
(18,1242)	1:21:A:THR:HG23	1:23:A:LEU:HA	6	0.73	0.29	0.76
(32,1203)	1:21:A:THR:HG21	1:23:A:LEU:HA	6	0.73	0.29	0.76
(32,1203)	1:21:A:THR:HG22	1:23:A:LEU:HA	6	0.73	0.29	0.76
(32,1203)	1:21:A:THR:HG23	1:23:A:LEU:HA	6	0.73	0.29	0.76
(33,1242)	1:21:A:THR:HG21	1:23:A:LEU:HA	6	0.73	0.29	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,1242)	1:21:A:THR:HG22	1:23:A:LEU:HA	6	0.73	0.29	0.76
(33,1242)	1:21:A:THR:HG23	1:23:A:LEU:HA	6	0.73	0.29	0.76
(34,1265)	1:21:A:THR:HG21	1:23:A:LEU:HA	6	0.73	0.29	0.76
(34,1265)	1:21:A:THR:HG22	1:23:A:LEU:HA	6	0.73	0.29	0.76
(34,1265)	1:21:A:THR:HG23	1:23:A:LEU:HA	6	0.73	0.29	0.76
(2,1920)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	6	0.73	0.41	0.64
(2,1920)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	6	0.73	0.41	0.64
(2,1920)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	6	0.73	0.41	0.64
(2,1920)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	6	0.73	0.41	0.64
(2,1920)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	6	0.73	0.41	0.64
(2,1920)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	6	0.73	0.41	0.64
(1,905)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	6	0.73	0.44	0.52
(1,905)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	6	0.73	0.44	0.52
(1,905)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	6	0.73	0.44	0.52
(1,1970)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	6	0.73	0.28	0.76
(1,1970)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	6	0.73	0.28	0.76
(1,1970)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	6	0.73	0.28	0.76
(1,1970)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	6	0.73	0.28	0.76
(1,1970)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	6	0.73	0.28	0.76
(1,1970)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	6	0.73	0.28	0.76
(1,1970)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	6	0.73	0.28	0.76
(1,1970)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	6	0.73	0.28	0.76
(1,1970)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	6	0.73	0.28	0.76
(1,1970)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	6	0.73	0.28	0.76
(1,1970)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	6	0.73	0.28	0.76
(1,1970)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	6	0.73	0.28	0.76
(2,1873)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	6	0.73	0.54	0.59
(2,1873)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	6	0.73	0.54	0.59
(2,1873)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	6	0.73	0.54	0.59
(2,1873)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	6	0.73	0.54	0.59
(16,1061)	1:11:A:ILE:HA	1:14:A:VAL:HB	6	0.72	0.15	0.75
(3,325)	1:44:A:GLU:HG2	1:46:A:ASN:H	6	0.71	0.16	0.76
(6,320)	1:44:A:GLU:HG2	1:46:A:ASN:H	6	0.71	0.16	0.76
(7,319)	1:44:A:GLU:HG2	1:46:A:ASN:H	6	0.71	0.16	0.76
(9,332)	1:44:A:GLU:HG2	1:46:A:ASN:H	6	0.71	0.16	0.76
(17,320)	1:44:A:GLU:HG2	1:46:A:ASN:H	6	0.71	0.16	0.76
(29,321)	1:44:A:GLU:HG2	1:46:A:ASN:H	6	0.71	0.16	0.76
(30,323)	1:44:A:GLU:HG2	1:46:A:ASN:H	6	0.71	0.16	0.76
(33,322)	1:44:A:GLU:HG2	1:46:A:ASN:H	6	0.71	0.16	0.76
(34,330)	1:44:A:GLU:HG2	1:46:A:ASN:H	6	0.71	0.16	0.76
(6,2004)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	6	0.71	0.46	0.68
(6,2004)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	6	0.71	0.46	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,2004)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	6	0.71	0.46	0.68
(6,2004)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	6	0.71	0.46	0.68
(6,2004)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	6	0.71	0.46	0.68
(6,2004)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	6	0.71	0.46	0.68
(7,2206)	1:64:A:LYS:HB2	1:116:A:GLN:HG2	6	0.71	0.17	0.7
(7,2206)	1:64:A:LYS:HB2	1:116:A:GLN:HG3	6	0.71	0.17	0.7
(7,2206)	1:64:A:LYS:HB3	1:116:A:GLN:HG2	6	0.71	0.17	0.7
(7,2206)	1:64:A:LYS:HB3	1:116:A:GLN:HG3	6	0.71	0.17	0.7
(33,2041)	1:23:A:LEU:HD11	1:27:A:ARG:HA	6	0.71	0.41	0.64
(33,2041)	1:23:A:LEU:HD12	1:27:A:ARG:HA	6	0.71	0.41	0.64
(33,2041)	1:23:A:LEU:HD13	1:27:A:ARG:HA	6	0.71	0.41	0.64
(33,2041)	1:23:A:LEU:HD21	1:27:A:ARG:HA	6	0.71	0.41	0.64
(33,2041)	1:23:A:LEU:HD22	1:27:A:ARG:HA	6	0.71	0.41	0.64
(33,2041)	1:23:A:LEU:HD23	1:27:A:ARG:HA	6	0.71	0.41	0.64
(13,1597)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	6	0.71	0.44	0.5
(13,1597)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	6	0.71	0.44	0.5
(13,1597)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	6	0.71	0.44	0.5
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	6	0.71	0.53	0.52
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	6	0.71	0.53	0.52
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	6	0.71	0.53	0.52
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	6	0.71	0.53	0.52
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	6	0.71	0.53	0.52
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	6	0.71	0.53	0.52
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	6	0.7	0.38	0.6
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	6	0.7	0.38	0.6
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	6	0.7	0.38	0.6
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	6	0.7	0.38	0.6
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	6	0.7	0.38	0.6
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	6	0.7	0.38	0.6
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	6	0.7	0.38	0.6
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	6	0.7	0.38	0.6
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	6	0.7	0.38	0.6
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	6	0.7	0.38	0.6
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	6	0.7	0.38	0.6
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	6	0.7	0.38	0.6
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	6	0.7	0.38	0.6
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	6	0.7	0.38	0.6
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	6	0.7	0.38	0.6
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	6	0.7	0.38	0.6
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	6	0.7	0.38	0.6
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	6	0.7	0.38	0.6
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	6	0.7	0.38	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	6	0.7	0.38	0.6
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	6	0.7	0.38	0.6
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	6	0.7	0.38	0.6
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	6	0.7	0.38	0.6
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	6	0.7	0.38	0.6
(1,1920)	1:150:A:THR:H	1:151:A:PHE:HD1	6	0.7	0.54	0.44
(1,1920)	1:150:A:THR:H	1:151:A:PHE:HD2	6	0.7	0.54	0.44
(3,1885)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	6	0.7	0.28	0.8
(11,1879)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	6	0.7	0.28	0.8
(33,1041)	1:11:A:ILE:HA	1:14:A:VAL:HB	6	0.7	0.15	0.73
(5,988)	1:105:A:LYS:HD2	1:107:A:LEU:H	6	0.7	0.22	0.73
(5,988)	1:105:A:LYS:HD3	1:107:A:LEU:H	6	0.7	0.22	0.73
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	6	0.69	0.38	0.59
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	6	0.69	0.38	0.59
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	6	0.69	0.38	0.59
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	6	0.69	0.38	0.59
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	6	0.69	0.38	0.59
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	6	0.69	0.38	0.59
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	6	0.69	0.38	0.59
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	6	0.69	0.38	0.59
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	6	0.69	0.38	0.59
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	6	0.69	0.38	0.59
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	6	0.69	0.38	0.59
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	6	0.69	0.38	0.59
(11,1757)	1:79:A:THR:HG21	1:81:A:GLU:HG2	6	0.69	0.35	0.61
(11,1757)	1:79:A:THR:HG21	1:81:A:GLU:HG3	6	0.69	0.35	0.61
(11,1757)	1:79:A:THR:HG22	1:81:A:GLU:HG2	6	0.69	0.35	0.61
(11,1757)	1:79:A:THR:HG22	1:81:A:GLU:HG3	6	0.69	0.35	0.61
(11,1757)	1:79:A:THR:HG23	1:81:A:GLU:HG2	6	0.69	0.35	0.61
(11,1757)	1:79:A:THR:HG23	1:81:A:GLU:HG3	6	0.69	0.35	0.61
(29,1741)	1:79:A:THR:HG21	1:81:A:GLU:HG2	6	0.69	0.35	0.61
(29,1741)	1:79:A:THR:HG21	1:81:A:GLU:HG3	6	0.69	0.35	0.61
(29,1741)	1:79:A:THR:HG22	1:81:A:GLU:HG2	6	0.69	0.35	0.61
(29,1741)	1:79:A:THR:HG22	1:81:A:GLU:HG3	6	0.69	0.35	0.61
(29,1741)	1:79:A:THR:HG23	1:81:A:GLU:HG2	6	0.69	0.35	0.61
(29,1741)	1:79:A:THR:HG23	1:81:A:GLU:HG3	6	0.69	0.35	0.61
(32,1157)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	6	0.69	0.39	0.71
(32,1157)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	6	0.69	0.39	0.71
(32,1157)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	6	0.69	0.39	0.71
(32,1157)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	6	0.69	0.39	0.71
(32,1157)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	6	0.69	0.39	0.71
(32,1157)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	6	0.69	0.39	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	6	0.69	0.54	0.41
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	6	0.69	0.54	0.41
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	6	0.69	0.54	0.41
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	6	0.69	0.54	0.41
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	6	0.69	0.54	0.41
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	6	0.69	0.54	0.41
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	6	0.69	0.54	0.41
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	6	0.69	0.54	0.41
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	6	0.69	0.54	0.41
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	6	0.69	0.54	0.41
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	6	0.69	0.54	0.41
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	6	0.69	0.54	0.41
(3,1758)	1:19:A:ALA:HB1	1:21:A:THR:HG21	6	0.69	0.41	0.59
(3,1758)	1:19:A:ALA:HB1	1:21:A:THR:HG22	6	0.69	0.41	0.59
(3,1758)	1:19:A:ALA:HB1	1:21:A:THR:HG23	6	0.69	0.41	0.59
(3,1758)	1:19:A:ALA:HB2	1:21:A:THR:HG21	6	0.69	0.41	0.59
(3,1758)	1:19:A:ALA:HB2	1:21:A:THR:HG22	6	0.69	0.41	0.59
(3,1758)	1:19:A:ALA:HB2	1:21:A:THR:HG23	6	0.69	0.41	0.59
(3,1758)	1:19:A:ALA:HB3	1:21:A:THR:HG21	6	0.69	0.41	0.59
(3,1758)	1:19:A:ALA:HB3	1:21:A:THR:HG22	6	0.69	0.41	0.59
(3,1758)	1:19:A:ALA:HB3	1:21:A:THR:HG23	6	0.69	0.41	0.59
(5,1480)	1:14:A:VAL:HB	1:15:A:ALA:HB1	6	0.69	0.1	0.69
(5,1480)	1:14:A:VAL:HB	1:15:A:ALA:HB2	6	0.69	0.1	0.69
(5,1480)	1:14:A:VAL:HB	1:15:A:ALA:HB3	6	0.69	0.1	0.69
(13,970)	1:105:A:LYS:HD2	1:107:A:LEU:H	6	0.69	0.22	0.72
(13,970)	1:105:A:LYS:HD3	1:107:A:LEU:H	6	0.69	0.22	0.72
(4,2289)	1:98:A:ILE:H	1:104:A:PHE:HB2	6	0.68	0.37	0.76
(4,2289)	1:98:A:ILE:H	1:104:A:PHE:HB3	6	0.68	0.37	0.76
(5,2029)	1:23:A:LEU:HD11	1:27:A:ARG:HA	6	0.68	0.41	0.62
(5,2029)	1:23:A:LEU:HD12	1:27:A:ARG:HA	6	0.68	0.41	0.62
(5,2029)	1:23:A:LEU:HD13	1:27:A:ARG:HA	6	0.68	0.41	0.62
(5,2029)	1:23:A:LEU:HD21	1:27:A:ARG:HA	6	0.68	0.41	0.62
(5,2029)	1:23:A:LEU:HD22	1:27:A:ARG:HA	6	0.68	0.41	0.62
(5,2029)	1:23:A:LEU:HD23	1:27:A:ARG:HA	6	0.68	0.41	0.62
(11,1383)	1:21:A:THR:HG21	1:23:A:LEU:HD11	6	0.68	0.35	0.6
(11,1383)	1:21:A:THR:HG21	1:23:A:LEU:HD12	6	0.68	0.35	0.6
(11,1383)	1:21:A:THR:HG21	1:23:A:LEU:HD13	6	0.68	0.35	0.6
(11,1383)	1:21:A:THR:HG22	1:23:A:LEU:HD11	6	0.68	0.35	0.6
(11,1383)	1:21:A:THR:HG22	1:23:A:LEU:HD12	6	0.68	0.35	0.6
(11,1383)	1:21:A:THR:HG22	1:23:A:LEU:HD13	6	0.68	0.35	0.6
(11,1383)	1:21:A:THR:HG23	1:23:A:LEU:HD11	6	0.68	0.35	0.6
(11,1383)	1:21:A:THR:HG23	1:23:A:LEU:HD12	6	0.68	0.35	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,1383)	1:21:A:THR:HG23	1:23:A:LEU:HD13	6	0.68	0.35	0.6
(11,994)	1:105:A:LYS:HD2	1:107:A:LEU:H	6	0.68	0.22	0.71
(11,994)	1:105:A:LYS:HD3	1:107:A:LEU:H	6	0.68	0.22	0.71
(18,44)	1:98:A:ILE:H	1:104:A:PHE:HB2	6	0.68	0.4	0.72
(34,1735)	1:19:A:ALA:HB1	1:21:A:THR:HG21	6	0.68	0.41	0.58
(34,1735)	1:19:A:ALA:HB1	1:21:A:THR:HG22	6	0.68	0.41	0.58
(34,1735)	1:19:A:ALA:HB1	1:21:A:THR:HG23	6	0.68	0.41	0.58
(34,1735)	1:19:A:ALA:HB2	1:21:A:THR:HG21	6	0.68	0.41	0.58
(34,1735)	1:19:A:ALA:HB2	1:21:A:THR:HG22	6	0.68	0.41	0.58
(34,1735)	1:19:A:ALA:HB2	1:21:A:THR:HG23	6	0.68	0.41	0.58
(34,1735)	1:19:A:ALA:HB3	1:21:A:THR:HG21	6	0.68	0.41	0.58
(34,1735)	1:19:A:ALA:HB3	1:21:A:THR:HG22	6	0.68	0.41	0.58
(34,1735)	1:19:A:ALA:HB3	1:21:A:THR:HG23	6	0.68	0.41	0.58
(9,974)	1:47:A:ALA:HB1	1:134:A:VAL:HB	6	0.68	0.34	0.76
(9,974)	1:47:A:ALA:HB2	1:134:A:VAL:HB	6	0.68	0.34	0.76
(9,974)	1:47:A:ALA:HB3	1:134:A:VAL:HB	6	0.68	0.34	0.76
(15,980)	1:47:A:ALA:HB1	1:134:A:VAL:HB	6	0.68	0.34	0.76
(15,980)	1:47:A:ALA:HB2	1:134:A:VAL:HB	6	0.68	0.34	0.76
(15,980)	1:47:A:ALA:HB3	1:134:A:VAL:HB	6	0.68	0.34	0.76
(16,996)	1:47:A:ALA:HB1	1:134:A:VAL:HB	6	0.68	0.34	0.76
(16,996)	1:47:A:ALA:HB2	1:134:A:VAL:HB	6	0.68	0.34	0.76
(16,996)	1:47:A:ALA:HB3	1:134:A:VAL:HB	6	0.68	0.34	0.76
(34,1002)	1:47:A:ALA:HB1	1:134:A:VAL:HB	6	0.68	0.34	0.76
(34,1002)	1:47:A:ALA:HB2	1:134:A:VAL:HB	6	0.68	0.34	0.76
(34,1002)	1:47:A:ALA:HB3	1:134:A:VAL:HB	6	0.68	0.34	0.76
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	6	0.67	0.35	0.6
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	6	0.67	0.35	0.6
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	6	0.67	0.35	0.6
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	6	0.67	0.35	0.6
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	6	0.67	0.35	0.6
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	6	0.67	0.35	0.6
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	6	0.67	0.35	0.6
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	6	0.67	0.35	0.6
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	6	0.67	0.35	0.6
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	6	0.67	0.35	0.6
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	6	0.67	0.35	0.6
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	6	0.67	0.35	0.6
(32,961)	1:105:A:LYS:HD2	1:107:A:LEU:H	6	0.67	0.22	0.7
(32,961)	1:105:A:LYS:HD3	1:107:A:LEU:H	6	0.67	0.22	0.7
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD11	6	0.66	0.48	0.57
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD12	6	0.66	0.48	0.57
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD13	6	0.66	0.48	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD21	6	0.66	0.48	0.57
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD22	6	0.66	0.48	0.57
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD23	6	0.66	0.48	0.57
(1,2072)	1:35:A:LEU:HD11	1:143:A:TRP:HB2	6	0.66	0.54	0.42
(1,2072)	1:35:A:LEU:HD12	1:143:A:TRP:HB2	6	0.66	0.54	0.42
(1,2072)	1:35:A:LEU:HD13	1:143:A:TRP:HB2	6	0.66	0.54	0.42
(1,2072)	1:35:A:LEU:HD21	1:143:A:TRP:HB2	6	0.66	0.54	0.42
(1,2072)	1:35:A:LEU:HD22	1:143:A:TRP:HB2	6	0.66	0.54	0.42
(1,2072)	1:35:A:LEU:HD23	1:143:A:TRP:HB2	6	0.66	0.54	0.42
(9,1717)	1:19:A:ALA:HB1	1:21:A:THR:HG21	6	0.66	0.41	0.56
(9,1717)	1:19:A:ALA:HB1	1:21:A:THR:HG22	6	0.66	0.41	0.56
(9,1717)	1:19:A:ALA:HB1	1:21:A:THR:HG23	6	0.66	0.41	0.56
(9,1717)	1:19:A:ALA:HB2	1:21:A:THR:HG21	6	0.66	0.41	0.56
(9,1717)	1:19:A:ALA:HB2	1:21:A:THR:HG22	6	0.66	0.41	0.56
(9,1717)	1:19:A:ALA:HB2	1:21:A:THR:HG23	6	0.66	0.41	0.56
(9,1717)	1:19:A:ALA:HB3	1:21:A:THR:HG21	6	0.66	0.41	0.56
(9,1717)	1:19:A:ALA:HB3	1:21:A:THR:HG22	6	0.66	0.41	0.56
(9,1717)	1:19:A:ALA:HB3	1:21:A:THR:HG23	6	0.66	0.41	0.56
(34,1975)	1:12:A:VAL:HG11	1:43:A:MET:HB3	6	0.65	0.35	0.64
(34,1975)	1:12:A:VAL:HG12	1:43:A:MET:HB3	6	0.65	0.35	0.64
(34,1975)	1:12:A:VAL:HG13	1:43:A:MET:HB3	6	0.65	0.35	0.64
(34,1975)	1:12:A:VAL:HG21	1:43:A:MET:HB3	6	0.65	0.35	0.64
(34,1975)	1:12:A:VAL:HG22	1:43:A:MET:HB3	6	0.65	0.35	0.64
(34,1975)	1:12:A:VAL:HG23	1:43:A:MET:HB3	6	0.65	0.35	0.64
(16,1008)	1:105:A:LYS:HD2	1:107:A:LEU:H	6	0.65	0.22	0.68
(16,1008)	1:105:A:LYS:HD3	1:107:A:LEU:H	6	0.65	0.22	0.68
(2,1898)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	6	0.64	0.5	0.48
(2,1898)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	6	0.64	0.5	0.48
(2,1898)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	6	0.64	0.5	0.48
(2,1898)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	6	0.64	0.5	0.48
(2,1898)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	6	0.64	0.5	0.48
(2,1898)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	6	0.64	0.5	0.48
(2,981)	1:105:A:LYS:HD2	1:107:A:LEU:H	6	0.64	0.22	0.67
(2,981)	1:105:A:LYS:HD3	1:107:A:LEU:H	6	0.64	0.22	0.67
(3,1751)	1:14:A:VAL:H	1:79:A:THR:HG21	6	0.63	0.89	0.27
(3,1751)	1:14:A:VAL:H	1:79:A:THR:HG22	6	0.63	0.89	0.27
(3,1751)	1:14:A:VAL:H	1:79:A:THR:HG23	6	0.63	0.89	0.27
(4,1698)	1:14:A:VAL:H	1:79:A:THR:HG21	6	0.63	0.89	0.27
(4,1698)	1:14:A:VAL:H	1:79:A:THR:HG22	6	0.63	0.89	0.27
(4,1698)	1:14:A:VAL:H	1:79:A:THR:HG23	6	0.63	0.89	0.27
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	6	0.63	0.38	0.53
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	6	0.63	0.38	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	6	0.63	0.38	0.53
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	6	0.63	0.38	0.53
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	6	0.63	0.38	0.53
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	6	0.63	0.38	0.53
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	6	0.63	0.38	0.53
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	6	0.63	0.38	0.53
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	6	0.63	0.38	0.53
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	6	0.63	0.38	0.53
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	6	0.63	0.38	0.53
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	6	0.63	0.38	0.53
(6,1720)	1:14:A:VAL:H	1:79:A:THR:HG21	6	0.63	0.89	0.27
(6,1720)	1:14:A:VAL:H	1:79:A:THR:HG22	6	0.63	0.89	0.27
(6,1720)	1:14:A:VAL:H	1:79:A:THR:HG23	6	0.63	0.89	0.27
(15,1708)	1:14:A:VAL:H	1:79:A:THR:HG21	6	0.63	0.89	0.27
(15,1708)	1:14:A:VAL:H	1:79:A:THR:HG22	6	0.63	0.89	0.27
(15,1708)	1:14:A:VAL:H	1:79:A:THR:HG23	6	0.63	0.89	0.27
(18,1703)	1:14:A:VAL:H	1:79:A:THR:HG21	6	0.63	0.89	0.27
(18,1703)	1:14:A:VAL:H	1:79:A:THR:HG22	6	0.63	0.89	0.27
(18,1703)	1:14:A:VAL:H	1:79:A:THR:HG23	6	0.63	0.89	0.27
(30,1725)	1:14:A:VAL:H	1:79:A:THR:HG21	6	0.63	0.89	0.27
(30,1725)	1:14:A:VAL:H	1:79:A:THR:HG22	6	0.63	0.89	0.27
(30,1725)	1:14:A:VAL:H	1:79:A:THR:HG23	6	0.63	0.89	0.27
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD11	6	0.63	0.28	0.56
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD12	6	0.63	0.28	0.56
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD13	6	0.63	0.28	0.56
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD21	6	0.63	0.28	0.56
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD22	6	0.63	0.28	0.56
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD23	6	0.63	0.28	0.56
(33,1643)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	6	0.63	0.3	0.57
(33,1643)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	6	0.63	0.3	0.57
(33,1643)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	6	0.63	0.3	0.57
(33,1643)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	6	0.63	0.3	0.57
(33,1643)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	6	0.63	0.3	0.57
(33,1643)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	6	0.63	0.3	0.57
(33,1643)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	6	0.63	0.3	0.57
(33,1643)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	6	0.63	0.3	0.57
(33,1643)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	6	0.63	0.3	0.57
(1,1009)	1:105:A:LYS:HD2	1:107:A:LEU:H	6	0.63	0.22	0.66
(1,1009)	1:105:A:LYS:HD3	1:107:A:LEU:H	6	0.63	0.22	0.66
(5,260)	1:14:A:VAL:HG11	1:15:A:ALA:H	6	0.63	0.02	0.62
(5,260)	1:14:A:VAL:HG12	1:15:A:ALA:H	6	0.63	0.02	0.62
(5,260)	1:14:A:VAL:HG13	1:15:A:ALA:H	6	0.63	0.02	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,588)	1:70:A:LYS:HB2	1:75:A:GLY:H	6	0.63	0.28	0.62
(7,588)	1:70:A:LYS:HB3	1:75:A:GLY:H	6	0.63	0.28	0.62
(33,588)	1:70:A:LYS:HB2	1:75:A:GLY:H	6	0.63	0.28	0.62
(33,588)	1:70:A:LYS:HB3	1:75:A:GLY:H	6	0.63	0.28	0.62
(3,1003)	1:105:A:LYS:HD2	1:107:A:LEU:H	6	0.62	0.22	0.65
(3,1003)	1:105:A:LYS:HD3	1:107:A:LEU:H	6	0.62	0.22	0.65
(18,1710)	1:19:A:ALA:HB1	1:21:A:THR:HG21	6	0.61	0.41	0.51
(18,1710)	1:19:A:ALA:HB1	1:21:A:THR:HG22	6	0.61	0.41	0.51
(18,1710)	1:19:A:ALA:HB1	1:21:A:THR:HG23	6	0.61	0.41	0.51
(18,1710)	1:19:A:ALA:HB2	1:21:A:THR:HG21	6	0.61	0.41	0.51
(18,1710)	1:19:A:ALA:HB2	1:21:A:THR:HG22	6	0.61	0.41	0.51
(18,1710)	1:19:A:ALA:HB2	1:21:A:THR:HG23	6	0.61	0.41	0.51
(18,1710)	1:19:A:ALA:HB3	1:21:A:THR:HG21	6	0.61	0.41	0.51
(18,1710)	1:19:A:ALA:HB3	1:21:A:THR:HG22	6	0.61	0.41	0.51
(18,1710)	1:19:A:ALA:HB3	1:21:A:THR:HG23	6	0.61	0.41	0.51
(30,983)	1:105:A:LYS:HD2	1:107:A:LEU:H	6	0.61	0.22	0.64
(30,983)	1:105:A:LYS:HD3	1:107:A:LEU:H	6	0.61	0.22	0.64
(2,1031)	1:11:A:ILE:HB	1:44:A:GLU:HB2	6	0.6	0.55	0.4
(2,1031)	1:11:A:ILE:HB	1:44:A:GLU:HB3	6	0.6	0.55	0.4
(9,1033)	1:11:A:ILE:HB	1:44:A:GLU:HB2	6	0.6	0.55	0.4
(9,1033)	1:11:A:ILE:HB	1:44:A:GLU:HB3	6	0.6	0.55	0.4
(15,1041)	1:11:A:ILE:HB	1:44:A:GLU:HB2	6	0.6	0.55	0.4
(15,1041)	1:11:A:ILE:HB	1:44:A:GLU:HB3	6	0.6	0.55	0.4
(34,1064)	1:11:A:ILE:HB	1:44:A:GLU:HB2	6	0.6	0.55	0.4
(34,1064)	1:11:A:ILE:HB	1:44:A:GLU:HB3	6	0.6	0.55	0.4
(1,1912)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	6	0.6	0.43	0.32
(1,1912)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	6	0.6	0.43	0.32
(1,1912)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	6	0.6	0.43	0.32
(1,1912)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	6	0.6	0.43	0.32
(1,1912)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	6	0.6	0.43	0.32
(1,1912)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	6	0.6	0.43	0.32
(7,1865)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	6	0.6	0.43	0.32
(7,1865)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	6	0.6	0.43	0.32
(7,1865)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	6	0.6	0.43	0.32
(7,1865)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	6	0.6	0.43	0.32
(7,1865)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	6	0.6	0.43	0.32
(7,1865)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	6	0.6	0.43	0.32
(1,1993)	1:16:A:SER:HB2	1:43:A:MET:HE1	6	0.59	0.36	0.5
(1,1993)	1:16:A:SER:HB2	1:43:A:MET:HE2	6	0.59	0.36	0.5
(1,1993)	1:16:A:SER:HB2	1:43:A:MET:HE3	6	0.59	0.36	0.5
(1,1993)	1:16:A:SER:HB3	1:43:A:MET:HE1	6	0.59	0.36	0.5
(1,1993)	1:16:A:SER:HB3	1:43:A:MET:HE2	6	0.59	0.36	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1993)	1:16:A:SER:HB3	1:43:A:MET:HE3	6	0.59	0.36	0.5
(29,2031)	1:16:A:SER:HB2	1:43:A:MET:HE1	6	0.59	0.36	0.5
(29,2031)	1:16:A:SER:HB2	1:43:A:MET:HE2	6	0.59	0.36	0.5
(29,2031)	1:16:A:SER:HB2	1:43:A:MET:HE3	6	0.59	0.36	0.5
(29,2031)	1:16:A:SER:HB3	1:43:A:MET:HE1	6	0.59	0.36	0.5
(29,2031)	1:16:A:SER:HB3	1:43:A:MET:HE2	6	0.59	0.36	0.5
(29,2031)	1:16:A:SER:HB3	1:43:A:MET:HE3	6	0.59	0.36	0.5
(1,833)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	6	0.59	0.58	0.26
(1,833)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	6	0.59	0.58	0.26
(1,833)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	6	0.59	0.58	0.26
(29,1997)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	6	0.59	0.3	0.52
(29,1997)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	6	0.59	0.3	0.52
(29,1997)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	6	0.59	0.3	0.52
(29,1997)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	6	0.59	0.3	0.52
(29,1997)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	6	0.59	0.3	0.52
(29,1997)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	6	0.59	0.3	0.52
(29,1997)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	6	0.59	0.3	0.52
(29,1997)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	6	0.59	0.3	0.52
(29,1997)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	6	0.59	0.3	0.52
(29,1997)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	6	0.59	0.3	0.52
(29,1997)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	6	0.59	0.3	0.52
(29,1997)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	6	0.59	0.3	0.52
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD11	6	0.59	0.24	0.54
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD12	6	0.59	0.24	0.54
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD13	6	0.59	0.24	0.54
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD21	6	0.59	0.24	0.54
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD22	6	0.59	0.24	0.54
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD23	6	0.59	0.24	0.54
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD11	6	0.59	0.24	0.54
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD12	6	0.59	0.24	0.54
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD13	6	0.59	0.24	0.54
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD21	6	0.59	0.24	0.54
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD22	6	0.59	0.24	0.54
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD23	6	0.59	0.24	0.54
(17,867)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	6	0.59	0.34	0.64
(30,2425)	1:136:A:CYS:HB2	1:141:A:LYS:H	6	0.59	0.36	0.54
(30,2425)	1:136:A:CYS:HB3	1:141:A:LYS:H	6	0.59	0.36	0.54
(32,680)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	6	0.58	0.3	0.52
(32,680)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	6	0.58	0.3	0.52
(5,880)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	6	0.58	0.44	0.36
(5,880)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	6	0.58	0.44	0.36
(5,880)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	6	0.58	0.44	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,892)	1:69:A:MET:HE1	1:73:A:ILE:HB	6	0.58	0.31	0.62
(5,892)	1:69:A:MET:HE2	1:73:A:ILE:HB	6	0.58	0.31	0.62
(5,892)	1:69:A:MET:HE3	1:73:A:ILE:HB	6	0.58	0.31	0.62
(13,883)	1:69:A:MET:HE1	1:73:A:ILE:HB	6	0.58	0.31	0.62
(13,883)	1:69:A:MET:HE2	1:73:A:ILE:HB	6	0.58	0.31	0.62
(13,883)	1:69:A:MET:HE3	1:73:A:ILE:HB	6	0.58	0.31	0.62
(16,910)	1:69:A:MET:HE1	1:73:A:ILE:HB	6	0.58	0.31	0.62
(16,910)	1:69:A:MET:HE2	1:73:A:ILE:HB	6	0.58	0.31	0.62
(16,910)	1:69:A:MET:HE3	1:73:A:ILE:HB	6	0.58	0.31	0.62
(17,901)	1:69:A:MET:HE1	1:73:A:ILE:HB	6	0.58	0.31	0.62
(17,901)	1:69:A:MET:HE2	1:73:A:ILE:HB	6	0.58	0.31	0.62
(17,901)	1:69:A:MET:HE3	1:73:A:ILE:HB	6	0.58	0.31	0.62
(5,1959)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	6	0.57	0.32	0.56
(5,1959)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	6	0.57	0.32	0.56
(5,1959)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	6	0.57	0.32	0.56
(5,1959)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	6	0.57	0.32	0.56
(6,1289)	1:14:A:VAL:HG11	1:61:A:SER:HA	6	0.57	0.27	0.62
(6,1289)	1:14:A:VAL:HG12	1:61:A:SER:HA	6	0.57	0.27	0.62
(6,1289)	1:14:A:VAL:HG13	1:61:A:SER:HA	6	0.57	0.27	0.62
(11,1962)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	6	0.57	0.32	0.56
(11,1962)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	6	0.57	0.32	0.56
(11,1962)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	6	0.57	0.32	0.56
(11,1962)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	6	0.57	0.32	0.56
(13,1903)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	6	0.57	0.32	0.56
(13,1903)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	6	0.57	0.32	0.56
(13,1903)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	6	0.57	0.32	0.56
(13,1903)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	6	0.57	0.32	0.56
(29,1965)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	6	0.57	0.32	0.56
(29,1965)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	6	0.57	0.32	0.56
(29,1965)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	6	0.57	0.32	0.56
(29,1965)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	6	0.57	0.32	0.56
(5,1935)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	6	0.56	0.5	0.36
(9,1640)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	6	0.56	0.19	0.6
(9,1640)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	6	0.56	0.19	0.6
(9,1640)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	6	0.56	0.19	0.6
(9,1640)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	6	0.56	0.19	0.6
(9,1640)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	6	0.56	0.19	0.6
(9,1640)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	6	0.56	0.19	0.6
(11,1934)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	6	0.56	0.5	0.36
(13,1873)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	6	0.56	0.5	0.36
(18,1634)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	6	0.56	0.19	0.6
(18,1634)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	6	0.56	0.19	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,1634)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	6	0.56	0.19	0.6
(18,1634)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	6	0.56	0.19	0.6
(18,1634)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	6	0.56	0.19	0.6
(18,1634)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	6	0.56	0.19	0.6
(33,1914)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	6	0.56	0.5	0.36
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	6	0.56	0.45	0.42
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	6	0.56	0.45	0.42
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	6	0.56	0.45	0.42
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	6	0.56	0.45	0.42
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	6	0.56	0.45	0.42
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	6	0.56	0.45	0.42
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	6	0.56	0.45	0.42
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	6	0.56	0.45	0.42
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	6	0.56	0.45	0.42
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	6	0.56	0.45	0.42
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	6	0.56	0.45	0.42
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	6	0.56	0.45	0.42
(13,2195)	1:65:A:CYS:HB2	1:69:A:MET:HE1	6	0.56	0.27	0.49
(13,2195)	1:65:A:CYS:HB2	1:69:A:MET:HE2	6	0.56	0.27	0.49
(13,2195)	1:65:A:CYS:HB2	1:69:A:MET:HE3	6	0.56	0.27	0.49
(13,2195)	1:65:A:CYS:HB3	1:69:A:MET:HE1	6	0.56	0.27	0.49
(13,2195)	1:65:A:CYS:HB3	1:69:A:MET:HE2	6	0.56	0.27	0.49
(13,2195)	1:65:A:CYS:HB3	1:69:A:MET:HE3	6	0.56	0.27	0.49
(1,314)	1:64:A:LYS:HD2	1:65:A:CYS:H	6	0.55	0.14	0.51
(1,314)	1:64:A:LYS:HD3	1:65:A:CYS:H	6	0.55	0.14	0.51
(2,308)	1:64:A:LYS:HD2	1:65:A:CYS:H	6	0.55	0.14	0.51
(2,308)	1:64:A:LYS:HD3	1:65:A:CYS:H	6	0.55	0.14	0.51
(6,307)	1:64:A:LYS:HD2	1:65:A:CYS:H	6	0.55	0.14	0.51
(6,307)	1:64:A:LYS:HD3	1:65:A:CYS:H	6	0.55	0.14	0.51
(15,313)	1:64:A:LYS:HD2	1:65:A:CYS:H	6	0.55	0.14	0.51
(15,313)	1:64:A:LYS:HD3	1:65:A:CYS:H	6	0.55	0.14	0.51
(17,308)	1:64:A:LYS:HD2	1:65:A:CYS:H	6	0.55	0.14	0.51
(17,308)	1:64:A:LYS:HD3	1:65:A:CYS:H	6	0.55	0.14	0.51
(33,310)	1:64:A:LYS:HD2	1:65:A:CYS:H	6	0.55	0.14	0.51
(33,310)	1:64:A:LYS:HD3	1:65:A:CYS:H	6	0.55	0.14	0.51
(34,316)	1:64:A:LYS:HD2	1:65:A:CYS:H	6	0.55	0.14	0.51
(34,316)	1:64:A:LYS:HD3	1:65:A:CYS:H	6	0.55	0.14	0.51
(5,1182)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	6	0.55	0.33	0.38
(5,1182)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	6	0.55	0.33	0.38
(5,1182)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	6	0.55	0.33	0.38
(5,1182)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	6	0.55	0.33	0.38
(5,1182)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	6	0.55	0.33	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,1182)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	6	0.55	0.33	0.38
(9,1173)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	6	0.55	0.33	0.38
(9,1173)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	6	0.55	0.33	0.38
(9,1173)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	6	0.55	0.33	0.38
(9,1173)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	6	0.55	0.33	0.38
(9,1173)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	6	0.55	0.33	0.38
(9,1173)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	6	0.55	0.33	0.38
(7,851)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	6	0.55	0.34	0.6
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	6	0.55	0.35	0.48
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	6	0.55	0.35	0.48
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	6	0.55	0.35	0.48
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	6	0.55	0.35	0.48
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	6	0.55	0.35	0.48
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	6	0.55	0.35	0.48
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	6	0.55	0.35	0.48
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	6	0.55	0.35	0.48
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	6	0.55	0.35	0.48
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	6	0.55	0.35	0.48
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	6	0.55	0.35	0.48
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	6	0.55	0.35	0.48
(2,1841)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	6	0.54	0.15	0.56
(2,1841)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	6	0.54	0.15	0.56
(3,1841)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	6	0.54	0.15	0.56
(3,1841)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	6	0.54	0.15	0.56
(15,1799)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	6	0.54	0.15	0.56
(15,1799)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	6	0.54	0.15	0.56
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD11	6	0.54	0.04	0.54
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD12	6	0.54	0.04	0.54
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD13	6	0.54	0.04	0.54
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD21	6	0.54	0.04	0.54
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD22	6	0.54	0.04	0.54
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD23	6	0.54	0.04	0.54
(2,1376)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	6	0.54	0.34	0.41
(2,1376)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	6	0.54	0.34	0.41
(2,1376)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	6	0.54	0.34	0.41
(4,1353)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	6	0.54	0.34	0.41
(4,1353)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	6	0.54	0.34	0.41
(4,1353)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	6	0.54	0.34	0.41
(5,993)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	6	0.54	0.09	0.53
(5,993)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	6	0.54	0.09	0.53
(6,977)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	6	0.54	0.09	0.53
(6,977)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	6	0.54	0.09	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,977)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	6	0.54	0.09	0.53
(7,977)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	6	0.54	0.09	0.53
(9,991)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	6	0.54	0.09	0.53
(9,991)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	6	0.54	0.09	0.53
(18,1003)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	6	0.54	0.09	0.53
(18,1003)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	6	0.54	0.09	0.53
(29,446)	1:68:A:LYS:H	1:70:A:LYS:HG3	6	0.54	0.36	0.48
(30,987)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	6	0.54	0.09	0.53
(30,987)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	6	0.54	0.09	0.53
(32,966)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	6	0.54	0.09	0.53
(32,966)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	6	0.54	0.09	0.53
(33,997)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	6	0.54	0.09	0.53
(33,997)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	6	0.54	0.09	0.53
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	6	0.53	0.45	0.38
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	6	0.53	0.45	0.38
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	6	0.53	0.45	0.38
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	6	0.53	0.45	0.38
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	6	0.53	0.45	0.38
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	6	0.53	0.45	0.38
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	6	0.53	0.45	0.38
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	6	0.53	0.45	0.38
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	6	0.53	0.45	0.38
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	6	0.53	0.45	0.38
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	6	0.53	0.45	0.38
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	6	0.53	0.45	0.38
(1,1882)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	6	0.52	0.37	0.5
(1,1882)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	6	0.52	0.37	0.5
(34,1876)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	6	0.52	0.37	0.5
(34,1876)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	6	0.52	0.37	0.5
(4,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	6	0.52	0.25	0.6
(4,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	6	0.52	0.25	0.6
(4,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	6	0.52	0.25	0.6
(4,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	6	0.52	0.25	0.6
(4,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	6	0.52	0.25	0.6
(4,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	6	0.52	0.25	0.6
(4,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	6	0.52	0.25	0.6
(4,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	6	0.52	0.25	0.6
(4,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	6	0.52	0.25	0.6
(4,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	6	0.52	0.25	0.6
(4,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	6	0.52	0.25	0.6
(4,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	6	0.52	0.25	0.6
(4,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	6	0.52	0.25	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	6	0.52	0.25	0.6
(4,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	6	0.52	0.25	0.6
(4,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	6	0.52	0.25	0.6
(4,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	6	0.52	0.25	0.6
(4,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	6	0.52	0.25	0.6
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	6	0.52	0.43	0.4
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	6	0.52	0.43	0.4
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	6	0.52	0.43	0.4
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	6	0.52	0.43	0.4
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	6	0.52	0.43	0.4
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	6	0.52	0.43	0.4
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	6	0.52	0.43	0.4
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	6	0.52	0.43	0.4
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	6	0.52	0.43	0.4
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	6	0.52	0.43	0.4
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	6	0.52	0.43	0.4
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	6	0.52	0.43	0.4
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	6	0.52	0.43	0.4
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	6	0.52	0.43	0.4
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	6	0.52	0.43	0.4
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	6	0.52	0.43	0.4
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	6	0.52	0.43	0.4
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	6	0.52	0.43	0.4
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	6	0.52	0.43	0.4
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	6	0.52	0.43	0.4
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	6	0.52	0.43	0.4
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	6	0.52	0.43	0.4
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	6	0.52	0.43	0.4
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	6	0.52	0.43	0.4
(9,1194)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	6	0.52	0.38	0.36
(9,1194)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	6	0.52	0.38	0.36
(9,1194)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	6	0.52	0.38	0.36
(11,1202)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	6	0.52	0.38	0.36
(11,1202)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	6	0.52	0.38	0.36
(11,1202)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	6	0.52	0.38	0.36
(13,1168)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	6	0.52	0.38	0.36
(13,1168)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	6	0.52	0.38	0.36
(13,1168)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	6	0.52	0.38	0.36
(15,1192)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	6	0.52	0.38	0.36
(15,1192)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	6	0.52	0.38	0.36
(15,1192)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	6	0.52	0.38	0.36
(16,1198)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	6	0.52	0.38	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1198)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	6	0.52	0.38	0.36
(16,1198)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	6	0.52	0.38	0.36
(29,1205)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	6	0.52	0.38	0.36
(29,1205)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	6	0.52	0.38	0.36
(29,1205)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	6	0.52	0.38	0.36
(32,1152)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	6	0.52	0.38	0.36
(32,1152)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	6	0.52	0.38	0.36
(32,1152)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	6	0.52	0.38	0.36
(33,1198)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	6	0.52	0.38	0.36
(33,1198)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	6	0.52	0.38	0.36
(33,1198)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	6	0.52	0.38	0.36
(34,1217)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	6	0.52	0.38	0.36
(34,1217)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	6	0.52	0.38	0.36
(34,1217)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	6	0.52	0.38	0.36
(7,1759)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	6	0.52	0.26	0.4
(7,1759)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	6	0.52	0.26	0.4
(7,1759)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	6	0.52	0.26	0.4
(7,1759)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	6	0.52	0.26	0.4
(7,1759)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	6	0.52	0.26	0.4
(7,1759)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	6	0.52	0.26	0.4
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	6	0.51	0.35	0.44
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	6	0.51	0.35	0.44
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	6	0.51	0.35	0.44
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	6	0.51	0.35	0.44
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	6	0.51	0.35	0.44
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	6	0.51	0.35	0.44
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	6	0.51	0.35	0.44
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	6	0.51	0.35	0.44
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	6	0.51	0.35	0.44
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	6	0.51	0.35	0.44
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	6	0.51	0.35	0.44
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	6	0.51	0.35	0.44
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	6	0.51	0.35	0.44
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	6	0.51	0.35	0.44
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	6	0.51	0.35	0.44
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	6	0.51	0.35	0.44
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	6	0.51	0.35	0.44
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	6	0.51	0.35	0.44
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	6	0.51	0.35	0.44
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	6	0.51	0.35	0.44
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	6	0.51	0.35	0.44
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	6	0.51	0.35	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	6	0.51	0.35	0.44
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	6	0.51	0.35	0.44
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	6	0.5	0.45	0.36
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	6	0.5	0.45	0.36
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	6	0.5	0.45	0.36
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	6	0.5	0.45	0.36
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	6	0.5	0.45	0.36
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	6	0.5	0.45	0.36
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	6	0.5	0.45	0.36
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	6	0.5	0.45	0.36
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	6	0.5	0.45	0.36
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	6	0.5	0.45	0.36
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	6	0.5	0.45	0.36
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	6	0.5	0.45	0.36
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD11	6	0.5	0.3	0.48
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD12	6	0.5	0.3	0.48
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD13	6	0.5	0.3	0.48
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD21	6	0.5	0.3	0.48
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD22	6	0.5	0.3	0.48
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD23	6	0.5	0.3	0.48
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD11	6	0.5	0.3	0.48
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD12	6	0.5	0.3	0.48
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD13	6	0.5	0.3	0.48
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD21	6	0.5	0.3	0.48
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD22	6	0.5	0.3	0.48
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD23	6	0.5	0.3	0.48
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	6	0.5	0.39	0.4
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	6	0.5	0.39	0.4
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	6	0.5	0.39	0.4
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	6	0.5	0.39	0.4
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	6	0.5	0.39	0.4
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	6	0.5	0.39	0.4
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	6	0.5	0.39	0.4
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	6	0.5	0.39	0.4
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	6	0.5	0.39	0.4
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	6	0.5	0.39	0.4
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	6	0.5	0.39	0.4
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	6	0.5	0.39	0.4
(5,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	6	0.49	0.25	0.56
(5,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	6	0.49	0.25	0.56
(5,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	6	0.49	0.25	0.56
(5,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	6	0.49	0.25	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	6	0.49	0.25	0.56
(5,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	6	0.49	0.25	0.56
(5,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	6	0.49	0.25	0.56
(5,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	6	0.49	0.25	0.56
(5,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	6	0.49	0.25	0.56
(5,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	6	0.49	0.25	0.56
(5,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	6	0.49	0.25	0.56
(5,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	6	0.49	0.25	0.56
(5,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	6	0.49	0.25	0.56
(5,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	6	0.49	0.25	0.56
(5,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	6	0.49	0.25	0.56
(5,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	6	0.49	0.25	0.56
(5,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	6	0.49	0.25	0.56
(5,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	6	0.49	0.25	0.56
(17,1571)	1:138:A:ASP:HB2	1:139:A:LEU:HD21	6	0.49	0.25	0.4
(17,1571)	1:138:A:ASP:HB2	1:139:A:LEU:HD22	6	0.49	0.25	0.4
(17,1571)	1:138:A:ASP:HB2	1:139:A:LEU:HD23	6	0.49	0.25	0.4
(17,1571)	1:138:A:ASP:HB3	1:139:A:LEU:HD21	6	0.49	0.25	0.4
(17,1571)	1:138:A:ASP:HB3	1:139:A:LEU:HD22	6	0.49	0.25	0.4
(17,1571)	1:138:A:ASP:HB3	1:139:A:LEU:HD23	6	0.49	0.25	0.4
(6,173)	1:8:A:ASP:H	1:58:A:ILE:HG13	6	0.48	0.34	0.34
(9,177)	1:8:A:ASP:H	1:58:A:ILE:HG13	6	0.48	0.34	0.34
(15,180)	1:8:A:ASP:H	1:58:A:ILE:HG13	6	0.48	0.34	0.34
(16,179)	1:8:A:ASP:H	1:58:A:ILE:HG13	6	0.48	0.34	0.34
(33,172)	1:8:A:ASP:H	1:58:A:ILE:HG13	6	0.48	0.34	0.34
(34,180)	1:8:A:ASP:H	1:58:A:ILE:HG13	6	0.48	0.34	0.34
(16,2348)	1:113:A:PHE:H	1:116:A:GLN:HG2	6	0.48	0.22	0.5
(16,2348)	1:113:A:PHE:H	1:116:A:GLN:HG3	6	0.48	0.22	0.5
(32,2344)	1:113:A:PHE:H	1:116:A:GLN:HG2	6	0.48	0.22	0.5
(32,2344)	1:113:A:PHE:H	1:116:A:GLN:HG3	6	0.48	0.22	0.5
(18,801)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	6	0.48	0.52	0.28
(18,801)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	6	0.48	0.52	0.28
(18,801)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	6	0.48	0.52	0.28
(18,801)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	6	0.48	0.52	0.28
(18,801)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	6	0.48	0.52	0.28
(18,801)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	6	0.48	0.52	0.28
(32,767)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	6	0.48	0.52	0.28
(32,767)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	6	0.48	0.52	0.28
(32,767)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	6	0.48	0.52	0.28
(32,767)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	6	0.48	0.52	0.28
(32,767)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	6	0.48	0.52	0.28
(32,767)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	6	0.48	0.52	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,794)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	6	0.48	0.52	0.28
(34,794)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	6	0.48	0.52	0.28
(34,794)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	6	0.48	0.52	0.28
(34,794)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	6	0.48	0.52	0.28
(34,794)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	6	0.48	0.52	0.28
(34,794)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	6	0.48	0.52	0.28
(15,1451)	1:15:A:ALA:HB1	1:132:A:ALA:HA	6	0.48	0.28	0.38
(15,1451)	1:15:A:ALA:HB2	1:132:A:ALA:HA	6	0.48	0.28	0.38
(15,1451)	1:15:A:ALA:HB3	1:132:A:ALA:HA	6	0.48	0.28	0.38
(4,1110)	1:40:A:LEU:HA	1:44:A:GLU:HB2	6	0.47	0.3	0.46
(4,1110)	1:40:A:LEU:HA	1:44:A:GLU:HB3	6	0.47	0.3	0.46
(6,1111)	1:40:A:LEU:HA	1:44:A:GLU:HB2	6	0.47	0.3	0.46
(6,1111)	1:40:A:LEU:HA	1:44:A:GLU:HB3	6	0.47	0.3	0.46
(7,1105)	1:40:A:LEU:HA	1:44:A:GLU:HB2	6	0.47	0.3	0.46
(7,1105)	1:40:A:LEU:HA	1:44:A:GLU:HB3	6	0.47	0.3	0.46
(34,1153)	1:40:A:LEU:HA	1:44:A:GLU:HB2	6	0.47	0.3	0.46
(34,1153)	1:40:A:LEU:HA	1:44:A:GLU:HB3	6	0.47	0.3	0.46
(32,1032)	1:71:A:LYS:HG3	1:72:A:PHE:HA	6	0.47	0.23	0.44
(15,1231)	1:136:A:CYS:HA	1:140:A:LEU:HD11	6	0.47	0.22	0.38
(15,1231)	1:136:A:CYS:HA	1:140:A:LEU:HD12	6	0.47	0.22	0.38
(15,1231)	1:136:A:CYS:HA	1:140:A:LEU:HD13	6	0.47	0.22	0.38
(17,1240)	1:136:A:CYS:HA	1:140:A:LEU:HD11	6	0.47	0.22	0.38
(17,1240)	1:136:A:CYS:HA	1:140:A:LEU:HD12	6	0.47	0.22	0.38
(17,1240)	1:136:A:CYS:HA	1:140:A:LEU:HD13	6	0.47	0.22	0.38
(1,1468)	1:14:A:VAL:HB	1:15:A:ALA:HB1	6	0.47	0.1	0.47
(1,1468)	1:14:A:VAL:HB	1:15:A:ALA:HB2	6	0.47	0.1	0.47
(1,1468)	1:14:A:VAL:HB	1:15:A:ALA:HB3	6	0.47	0.1	0.47
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD11	6	0.47	0.34	0.38
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD12	6	0.47	0.34	0.38
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD13	6	0.47	0.34	0.38
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD21	6	0.47	0.34	0.38
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD22	6	0.47	0.34	0.38
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD23	6	0.47	0.34	0.38
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD11	6	0.47	0.34	0.38
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD12	6	0.47	0.34	0.38
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD13	6	0.47	0.34	0.38
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD21	6	0.47	0.34	0.38
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD22	6	0.47	0.34	0.38
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD23	6	0.47	0.34	0.38
(6,2006)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	6	0.46	0.31	0.34
(6,2006)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	6	0.46	0.31	0.34
(6,2006)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	6	0.46	0.31	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,2006)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	6	0.46	0.31	0.34
(6,2006)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	6	0.46	0.31	0.34
(6,2006)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	6	0.46	0.31	0.34
(6,2006)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	6	0.46	0.31	0.34
(6,2006)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	6	0.46	0.31	0.34
(6,2006)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	6	0.46	0.31	0.34
(6,2006)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	6	0.46	0.31	0.34
(6,2006)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	6	0.46	0.31	0.34
(6,2006)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	6	0.46	0.31	0.34
(6,2006)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	6	0.46	0.31	0.34
(6,2006)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	6	0.46	0.31	0.34
(6,2006)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	6	0.46	0.31	0.34
(6,2006)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	6	0.46	0.31	0.34
(6,2006)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	6	0.46	0.31	0.34
(6,2006)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	6	0.46	0.31	0.34
(9,1754)	1:141:A:LYS:HA	1:148:A:CYS:H	6	0.46	0.07	0.48
(29,1782)	1:141:A:LYS:HA	1:148:A:CYS:H	6	0.46	0.07	0.48
(33,1759)	1:141:A:LYS:HA	1:148:A:CYS:H	6	0.46	0.07	0.48
(18,1801)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	6	0.46	0.15	0.48
(18,1801)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	6	0.46	0.15	0.48
(9,1287)	1:66:A:THR:HG21	1:96:A:VAL:H	6	0.46	0.17	0.38
(9,1287)	1:66:A:THR:HG22	1:96:A:VAL:H	6	0.46	0.17	0.38
(9,1287)	1:66:A:THR:HG23	1:96:A:VAL:H	6	0.46	0.17	0.38
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	6	0.45	0.18	0.48
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	6	0.45	0.18	0.48
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	6	0.45	0.18	0.48
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	6	0.45	0.18	0.48
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	6	0.45	0.18	0.48
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	6	0.45	0.18	0.48
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	6	0.45	0.18	0.48
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	6	0.45	0.18	0.48
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	6	0.45	0.18	0.48
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	6	0.45	0.18	0.48
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	6	0.45	0.18	0.48
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	6	0.45	0.18	0.48
(1,973)	1:12:A:VAL:HA	1:43:A:MET:HG2	6	0.45	0.32	0.36
(2,1995)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	6	0.45	0.3	0.38
(2,1995)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	6	0.45	0.3	0.38
(2,1995)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	6	0.45	0.3	0.38
(2,1995)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	6	0.45	0.3	0.38
(2,1995)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	6	0.45	0.3	0.38
(2,1995)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	6	0.45	0.3	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,1995)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	6	0.45	0.3	0.38
(2,1995)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	6	0.45	0.3	0.38
(2,1995)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	6	0.45	0.3	0.38
(2,1995)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	6	0.45	0.3	0.38
(2,1995)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	6	0.45	0.3	0.38
(2,1995)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	6	0.45	0.3	0.38
(3,1483)	1:13:A:ALA:HB1	1:61:A:SER:HA	6	0.45	0.22	0.56
(3,1483)	1:13:A:ALA:HB2	1:61:A:SER:HA	6	0.45	0.22	0.56
(3,1483)	1:13:A:ALA:HB3	1:61:A:SER:HA	6	0.45	0.22	0.56
(2,1586)	1:61:A:SER:HA	1:63:A:ILE:HD11	6	0.45	0.26	0.35
(2,1586)	1:61:A:SER:HA	1:63:A:ILE:HD12	6	0.45	0.26	0.35
(2,1586)	1:61:A:SER:HA	1:63:A:ILE:HD13	6	0.45	0.26	0.35
(15,1565)	1:61:A:SER:HA	1:63:A:ILE:HD11	6	0.45	0.26	0.35
(15,1565)	1:61:A:SER:HA	1:63:A:ILE:HD12	6	0.45	0.26	0.35
(15,1565)	1:61:A:SER:HA	1:63:A:ILE:HD13	6	0.45	0.26	0.35
(30,1575)	1:61:A:SER:HA	1:63:A:ILE:HD11	6	0.45	0.26	0.35
(30,1575)	1:61:A:SER:HA	1:63:A:ILE:HD12	6	0.45	0.26	0.35
(30,1575)	1:61:A:SER:HA	1:63:A:ILE:HD13	6	0.45	0.26	0.35
(34,1590)	1:61:A:SER:HA	1:63:A:ILE:HD11	6	0.45	0.26	0.35
(34,1590)	1:61:A:SER:HA	1:63:A:ILE:HD12	6	0.45	0.26	0.35
(34,1590)	1:61:A:SER:HA	1:63:A:ILE:HD13	6	0.45	0.26	0.35
(9,2239)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	6	0.45	0.25	0.52
(9,2239)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	6	0.45	0.25	0.52
(9,2239)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	6	0.45	0.25	0.52
(9,2239)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	6	0.45	0.25	0.52
(9,2239)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	6	0.45	0.25	0.52
(9,2239)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	6	0.45	0.25	0.52
(9,2239)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	6	0.45	0.25	0.52
(9,2239)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	6	0.45	0.25	0.52
(9,2239)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	6	0.45	0.25	0.52
(9,2239)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	6	0.45	0.25	0.52
(9,2239)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	6	0.45	0.25	0.52
(9,2239)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	6	0.45	0.25	0.52
(9,2239)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	6	0.45	0.25	0.52
(9,2239)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	6	0.45	0.25	0.52
(9,2239)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	6	0.45	0.25	0.52
(9,2239)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	6	0.45	0.25	0.52
(9,2239)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	6	0.45	0.25	0.52
(9,2239)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	6	0.45	0.25	0.52
(11,1681)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	6	0.44	0.35	0.3
(11,1681)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	6	0.44	0.35	0.3
(11,1681)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	6	0.44	0.35	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,391)	1:106:A:ASP:H	1:112:A:GLN:HE21	6	0.44	0.18	0.32
(3,390)	1:106:A:ASP:H	1:112:A:GLN:HE21	6	0.44	0.18	0.32
(4,377)	1:106:A:ASP:H	1:112:A:GLN:HE21	6	0.44	0.18	0.32
(6,385)	1:106:A:ASP:H	1:112:A:GLN:HE21	6	0.44	0.18	0.32
(9,396)	1:106:A:ASP:H	1:112:A:GLN:HE21	6	0.44	0.18	0.32
(11,392)	1:106:A:ASP:H	1:112:A:GLN:HE21	6	0.44	0.18	0.32
(13,383)	1:106:A:ASP:H	1:112:A:GLN:HE21	6	0.44	0.18	0.32
(15,390)	1:106:A:ASP:H	1:112:A:GLN:HE21	6	0.44	0.18	0.32
(16,391)	1:106:A:ASP:H	1:112:A:GLN:HE21	6	0.44	0.18	0.32
(18,194)	1:44:A:GLU:H	1:44:A:GLU:HG3	6	0.44	0.24	0.47
(29,389)	1:106:A:ASP:H	1:112:A:GLN:HE21	6	0.44	0.18	0.32
(32,180)	1:44:A:GLU:H	1:44:A:GLU:HG3	6	0.44	0.24	0.47
(32,377)	1:106:A:ASP:H	1:112:A:GLN:HE21	6	0.44	0.18	0.32
(33,388)	1:106:A:ASP:H	1:112:A:GLN:HE21	6	0.44	0.18	0.32
(34,394)	1:106:A:ASP:H	1:112:A:GLN:HE21	6	0.44	0.18	0.32
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	6	0.44	0.28	0.44
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	6	0.44	0.28	0.44
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	6	0.44	0.28	0.44
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	6	0.44	0.28	0.44
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	6	0.44	0.28	0.44
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	6	0.44	0.28	0.44
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	6	0.44	0.28	0.44
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	6	0.44	0.28	0.44
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	6	0.44	0.28	0.44
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	6	0.44	0.28	0.44
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	6	0.44	0.28	0.44
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	6	0.44	0.28	0.44
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	6	0.44	0.28	0.44
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	6	0.44	0.28	0.44
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	6	0.44	0.28	0.44
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	6	0.44	0.28	0.44
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	6	0.44	0.28	0.44
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	6	0.44	0.28	0.44
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG11	6	0.44	0.21	0.36
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG12	6	0.44	0.21	0.36
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG13	6	0.44	0.21	0.36
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG21	6	0.44	0.21	0.36
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG22	6	0.44	0.21	0.36
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG23	6	0.44	0.21	0.36
(4,661)	1:63:A:ILE:HG12	1:117:A:VAL:H	6	0.43	0.21	0.44
(4,1047)	1:140:A:LEU:H	1:140:A:LEU:HG	6	0.43	0.11	0.41
(7,1438)	1:14:A:VAL:HB	1:15:A:ALA:HB1	6	0.43	0.1	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1438)	1:14:A:VAL:HB	1:15:A:ALA:HB2	6	0.43	0.1	0.43
(7,1438)	1:14:A:VAL:HB	1:15:A:ALA:HB3	6	0.43	0.1	0.43
(13,1954)	1:14:A:VAL:HG11	1:57:A:LEU:H	6	0.42	0.29	0.34
(13,1954)	1:14:A:VAL:HG12	1:57:A:LEU:H	6	0.42	0.29	0.34
(13,1954)	1:14:A:VAL:HG13	1:57:A:LEU:H	6	0.42	0.29	0.34
(13,1954)	1:14:A:VAL:HG21	1:57:A:LEU:H	6	0.42	0.29	0.34
(13,1954)	1:14:A:VAL:HG22	1:57:A:LEU:H	6	0.42	0.29	0.34
(13,1954)	1:14:A:VAL:HG23	1:57:A:LEU:H	6	0.42	0.29	0.34
(3,178)	1:8:A:ASP:H	1:58:A:ILE:HD11	6	0.42	0.33	0.29
(3,178)	1:8:A:ASP:H	1:58:A:ILE:HD12	6	0.42	0.33	0.29
(3,178)	1:8:A:ASP:H	1:58:A:ILE:HD13	6	0.42	0.33	0.29
(9,180)	1:8:A:ASP:H	1:58:A:ILE:HD11	6	0.42	0.33	0.29
(9,180)	1:8:A:ASP:H	1:58:A:ILE:HD12	6	0.42	0.33	0.29
(9,180)	1:8:A:ASP:H	1:58:A:ILE:HD13	6	0.42	0.33	0.29
(15,182)	1:8:A:ASP:H	1:58:A:ILE:HD11	6	0.42	0.33	0.29
(15,182)	1:8:A:ASP:H	1:58:A:ILE:HD12	6	0.42	0.33	0.29
(15,182)	1:8:A:ASP:H	1:58:A:ILE:HD13	6	0.42	0.33	0.29
(17,176)	1:8:A:ASP:H	1:58:A:ILE:HD11	6	0.42	0.33	0.29
(17,176)	1:8:A:ASP:H	1:58:A:ILE:HD12	6	0.42	0.33	0.29
(17,176)	1:8:A:ASP:H	1:58:A:ILE:HD13	6	0.42	0.33	0.29
(29,183)	1:8:A:ASP:H	1:58:A:ILE:HD11	6	0.42	0.33	0.29
(29,183)	1:8:A:ASP:H	1:58:A:ILE:HD12	6	0.42	0.33	0.29
(29,183)	1:8:A:ASP:H	1:58:A:ILE:HD13	6	0.42	0.33	0.29
(33,2252)	1:69:A:MET:HG2	1:72:A:PHE:HB2	6	0.42	0.18	0.38
(33,2252)	1:69:A:MET:HG3	1:72:A:PHE:HB2	6	0.42	0.18	0.38
(34,2239)	1:69:A:MET:HG2	1:72:A:PHE:HB2	6	0.42	0.18	0.38
(34,2239)	1:69:A:MET:HG3	1:72:A:PHE:HB2	6	0.42	0.18	0.38
(6,1566)	1:11:A:ILE:HD11	1:45:A:ALA:H	6	0.42	0.14	0.37
(6,1566)	1:11:A:ILE:HD12	1:45:A:ALA:H	6	0.42	0.14	0.37
(6,1566)	1:11:A:ILE:HD13	1:45:A:ALA:H	6	0.42	0.14	0.37
(3,2108)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(3,2108)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(3,2108)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(3,2108)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(3,2108)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(3,2108)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(5,2066)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(5,2066)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(5,2066)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(5,2066)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(5,2066)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(5,2066)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	6	0.41	0.33	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,2051)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(7,2051)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(7,2051)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(7,2051)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(7,2051)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(7,2051)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(11,2097)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(11,2097)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(11,2097)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(11,2097)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(11,2097)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(11,2097)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(16,2093)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(16,2093)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(16,2093)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(16,2093)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(16,2093)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(16,2093)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(30,2085)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(30,2085)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(30,2085)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(30,2085)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(30,2085)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(30,2085)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	6	0.41	0.33	0.27
(5,1577)	1:9:A:PHE:HB2	1:14:A:VAL:HG21	6	0.4	0.18	0.4
(5,1577)	1:9:A:PHE:HB2	1:14:A:VAL:HG22	6	0.4	0.18	0.4
(5,1577)	1:9:A:PHE:HB2	1:14:A:VAL:HG23	6	0.4	0.18	0.4
(6,293)	1:140:A:LEU:H	1:140:A:LEU:HD11	6	0.4	0.17	0.48
(6,293)	1:140:A:LEU:H	1:140:A:LEU:HD12	6	0.4	0.17	0.48
(6,293)	1:140:A:LEU:H	1:140:A:LEU:HD13	6	0.4	0.17	0.48
(9,306)	1:140:A:LEU:H	1:140:A:LEU:HD11	6	0.4	0.17	0.48
(9,306)	1:140:A:LEU:H	1:140:A:LEU:HD12	6	0.4	0.17	0.48
(9,306)	1:140:A:LEU:H	1:140:A:LEU:HD13	6	0.4	0.17	0.48
(1,1800)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	6	0.4	0.32	0.29
(1,1800)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	6	0.4	0.32	0.29
(1,1800)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	6	0.4	0.32	0.29
(1,1800)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	6	0.4	0.32	0.29
(1,1800)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	6	0.4	0.32	0.29
(1,1800)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	6	0.4	0.32	0.29
(1,1800)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	6	0.4	0.32	0.29
(1,1800)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	6	0.4	0.32	0.29
(1,1800)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	6	0.4	0.32	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1800)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	6	0.4	0.32	0.29
(1,1800)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	6	0.4	0.32	0.29
(1,1800)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	6	0.4	0.32	0.29
(2,695)	1:98:A:ILE:H	1:104:A:PHE:H	6	0.4	0.12	0.43
(3,704)	1:98:A:ILE:H	1:104:A:PHE:H	6	0.4	0.12	0.43
(4,690)	1:98:A:ILE:H	1:104:A:PHE:H	6	0.4	0.12	0.43
(5,698)	1:98:A:ILE:H	1:104:A:PHE:H	6	0.4	0.12	0.43
(6,692)	1:98:A:ILE:H	1:104:A:PHE:H	6	0.4	0.12	0.43
(17,698)	1:98:A:ILE:H	1:104:A:PHE:H	6	0.4	0.12	0.43
(2,1850)	1:9:A:PHE:HZ	1:54:A:ARG:HA	6	0.39	0.18	0.39
(4,1804)	1:9:A:PHE:HZ	1:54:A:ARG:HA	6	0.39	0.18	0.39
(15,1749)	1:141:A:LYS:HA	1:148:A:CYS:H	6	0.39	0.07	0.4
(15,1808)	1:9:A:PHE:HZ	1:54:A:ARG:HA	6	0.39	0.18	0.39
(18,1812)	1:9:A:PHE:HZ	1:54:A:ARG:HA	6	0.39	0.18	0.39
(32,1789)	1:9:A:PHE:HZ	1:54:A:ARG:HA	6	0.39	0.18	0.39
(34,1837)	1:9:A:PHE:HZ	1:54:A:ARG:HA	6	0.39	0.18	0.39
(1,2074)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	6	0.39	0.33	0.25
(1,2074)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	6	0.39	0.33	0.25
(1,2074)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	6	0.39	0.33	0.25
(1,2074)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	6	0.39	0.33	0.25
(1,2074)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	6	0.39	0.33	0.25
(1,2074)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	6	0.39	0.33	0.25
(34,1980)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	6	0.39	0.3	0.32
(34,1980)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	6	0.39	0.3	0.32
(34,1980)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	6	0.39	0.3	0.32
(34,1980)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	6	0.39	0.3	0.32
(34,1980)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	6	0.39	0.3	0.32
(34,1980)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	6	0.39	0.3	0.32
(34,1980)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	6	0.39	0.3	0.32
(34,1980)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	6	0.39	0.3	0.32
(34,1980)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	6	0.39	0.3	0.32
(34,1980)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	6	0.39	0.3	0.32
(34,1980)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	6	0.39	0.3	0.32
(34,1980)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	6	0.39	0.3	0.32
(17,918)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	6	0.39	0.22	0.32
(17,918)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	6	0.39	0.22	0.32
(17,918)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	6	0.39	0.22	0.32
(30,1971)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	6	0.39	0.12	0.41
(30,1971)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	6	0.39	0.12	0.41
(30,1971)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	6	0.39	0.12	0.41
(30,1971)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	6	0.39	0.12	0.41
(30,1971)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	6	0.39	0.12	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,1971)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	6	0.39	0.12	0.41
(30,1971)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	6	0.39	0.12	0.41
(30,1971)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	6	0.39	0.12	0.41
(30,1971)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	6	0.39	0.12	0.41
(30,1971)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	6	0.39	0.12	0.41
(30,1971)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	6	0.39	0.12	0.41
(30,1971)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	6	0.39	0.12	0.41
(30,1971)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	6	0.39	0.12	0.41
(30,1971)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	6	0.39	0.12	0.41
(30,1971)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	6	0.39	0.12	0.41
(30,1971)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	6	0.39	0.12	0.41
(30,1971)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	6	0.39	0.12	0.41
(30,1971)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	6	0.39	0.12	0.41
(7,2252)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	6	0.39	0.27	0.26
(7,2252)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	6	0.39	0.27	0.26
(5,1921)	1:63:A:ILE:HB	1:113:A:PHE:HD1	6	0.38	0.2	0.37
(5,1921)	1:63:A:ILE:HB	1:113:A:PHE:HD2	6	0.38	0.2	0.37
(29,2184)	1:56:A:CYS:HB2	1:124:A:THR:HG21	6	0.38	0.15	0.35
(29,2184)	1:56:A:CYS:HB2	1:124:A:THR:HG22	6	0.38	0.15	0.35
(29,2184)	1:56:A:CYS:HB2	1:124:A:THR:HG23	6	0.38	0.15	0.35
(29,2184)	1:56:A:CYS:HB3	1:124:A:THR:HG21	6	0.38	0.15	0.35
(29,2184)	1:56:A:CYS:HB3	1:124:A:THR:HG22	6	0.38	0.15	0.35
(29,2184)	1:56:A:CYS:HB3	1:124:A:THR:HG23	6	0.38	0.15	0.35
(3,1107)	1:70:A:LYS:HA	1:70:A:LYS:HE2	6	0.38	0.17	0.34
(3,1107)	1:70:A:LYS:HA	1:70:A:LYS:HE3	6	0.38	0.17	0.34
(6,1073)	1:70:A:LYS:HA	1:70:A:LYS:HE2	6	0.38	0.17	0.34
(6,1073)	1:70:A:LYS:HA	1:70:A:LYS:HE3	6	0.38	0.17	0.34
(7,1070)	1:70:A:LYS:HA	1:70:A:LYS:HE2	6	0.38	0.17	0.34
(7,1070)	1:70:A:LYS:HA	1:70:A:LYS:HE3	6	0.38	0.17	0.34
(9,1087)	1:70:A:LYS:HA	1:70:A:LYS:HE2	6	0.38	0.17	0.34
(9,1087)	1:70:A:LYS:HA	1:70:A:LYS:HE3	6	0.38	0.17	0.34
(11,1098)	1:70:A:LYS:HA	1:70:A:LYS:HE2	6	0.38	0.17	0.34
(11,1098)	1:70:A:LYS:HA	1:70:A:LYS:HE3	6	0.38	0.17	0.34
(18,1103)	1:70:A:LYS:HA	1:70:A:LYS:HE2	6	0.38	0.17	0.34
(18,1103)	1:70:A:LYS:HA	1:70:A:LYS:HE3	6	0.38	0.17	0.34
(16,1532)	1:76:A:ARG:HG2	1:110:A:MET:HE1	6	0.38	0.11	0.34
(16,1532)	1:76:A:ARG:HG2	1:110:A:MET:HE2	6	0.38	0.11	0.34
(16,1532)	1:76:A:ARG:HG2	1:110:A:MET:HE3	6	0.38	0.11	0.34
(16,1532)	1:76:A:ARG:HG3	1:110:A:MET:HE1	6	0.38	0.11	0.34
(16,1532)	1:76:A:ARG:HG3	1:110:A:MET:HE2	6	0.38	0.11	0.34
(16,1532)	1:76:A:ARG:HG3	1:110:A:MET:HE3	6	0.38	0.11	0.34
(18,1524)	1:76:A:ARG:HG2	1:110:A:MET:HE1	6	0.38	0.11	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,1524)	1:76:A:ARG:HG2	1:110:A:MET:HE2	6	0.38	0.11	0.34
(18,1524)	1:76:A:ARG:HG2	1:110:A:MET:HE3	6	0.38	0.11	0.34
(18,1524)	1:76:A:ARG:HG3	1:110:A:MET:HE1	6	0.38	0.11	0.34
(18,1524)	1:76:A:ARG:HG3	1:110:A:MET:HE2	6	0.38	0.11	0.34
(18,1524)	1:76:A:ARG:HG3	1:110:A:MET:HE3	6	0.38	0.11	0.34
(33,1526)	1:76:A:ARG:HG2	1:110:A:MET:HE1	6	0.38	0.11	0.34
(33,1526)	1:76:A:ARG:HG2	1:110:A:MET:HE2	6	0.38	0.11	0.34
(33,1526)	1:76:A:ARG:HG2	1:110:A:MET:HE3	6	0.38	0.11	0.34
(33,1526)	1:76:A:ARG:HG3	1:110:A:MET:HE1	6	0.38	0.11	0.34
(33,1526)	1:76:A:ARG:HG3	1:110:A:MET:HE2	6	0.38	0.11	0.34
(33,1526)	1:76:A:ARG:HG3	1:110:A:MET:HE3	6	0.38	0.11	0.34
(34,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE1	6	0.38	0.11	0.34
(34,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE2	6	0.38	0.11	0.34
(34,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE3	6	0.38	0.11	0.34
(34,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE1	6	0.38	0.11	0.34
(34,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE2	6	0.38	0.11	0.34
(34,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE3	6	0.38	0.11	0.34
(6,664)	1:63:A:ILE:HG12	1:117:A:VAL:H	6	0.37	0.21	0.38
(9,919)	1:125:A:THR:HB	1:128:A:LEU:HB2	6	0.37	0.23	0.34
(13,901)	1:125:A:THR:HB	1:128:A:LEU:HB2	6	0.37	0.23	0.34
(18,927)	1:125:A:THR:HB	1:128:A:LEU:HB2	6	0.37	0.23	0.34
(3,1994)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	6	0.37	0.12	0.39
(3,1994)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	6	0.37	0.12	0.39
(3,1994)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	6	0.37	0.12	0.39
(3,1994)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	6	0.37	0.12	0.39
(3,1994)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	6	0.37	0.12	0.39
(3,1994)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	6	0.37	0.12	0.39
(3,1994)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	6	0.37	0.12	0.39
(3,1994)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	6	0.37	0.12	0.39
(3,1994)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	6	0.37	0.12	0.39
(3,1994)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	6	0.37	0.12	0.39
(3,1994)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	6	0.37	0.12	0.39
(3,1994)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	6	0.37	0.12	0.39
(3,1994)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	6	0.37	0.12	0.39
(3,1994)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	6	0.37	0.12	0.39
(3,1994)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	6	0.37	0.12	0.39
(3,1994)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	6	0.37	0.12	0.39
(3,1994)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	6	0.37	0.12	0.39
(3,1994)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	6	0.37	0.12	0.39
(4,1979)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	6	0.37	0.12	0.38
(4,1979)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	6	0.37	0.12	0.38
(4,1979)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	6	0.37	0.12	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1979)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	6	0.37	0.12	0.38
(4,1979)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	6	0.37	0.12	0.38
(4,1979)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	6	0.37	0.12	0.38
(4,1979)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	6	0.37	0.12	0.38
(4,1979)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	6	0.37	0.12	0.38
(4,1979)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	6	0.37	0.12	0.38
(4,1979)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	6	0.37	0.12	0.38
(4,1979)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	6	0.37	0.12	0.38
(4,1979)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	6	0.37	0.12	0.38
(16,1960)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	6	0.37	0.12	0.39
(16,1960)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	6	0.37	0.12	0.39
(16,1960)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	6	0.37	0.12	0.39
(16,1960)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	6	0.37	0.12	0.39
(16,1960)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	6	0.37	0.12	0.39
(16,1960)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	6	0.37	0.12	0.39
(16,1960)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	6	0.37	0.12	0.39
(16,1960)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	6	0.37	0.12	0.39
(16,1960)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	6	0.37	0.12	0.39
(16,1960)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	6	0.37	0.12	0.39
(16,1960)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	6	0.37	0.12	0.39
(16,1960)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	6	0.37	0.12	0.39
(16,1960)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	6	0.37	0.12	0.39
(16,1960)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	6	0.37	0.12	0.39
(16,1960)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	6	0.37	0.12	0.39
(16,1960)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	6	0.37	0.12	0.39
(16,1960)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	6	0.37	0.12	0.39
(16,1960)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	6	0.37	0.12	0.39
(16,1983)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	6	0.37	0.12	0.38
(16,1983)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	6	0.37	0.12	0.38
(16,1983)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	6	0.37	0.12	0.38
(16,1983)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	6	0.37	0.12	0.38
(16,1983)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	6	0.37	0.12	0.38
(16,1983)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	6	0.37	0.12	0.38
(16,1983)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	6	0.37	0.12	0.38
(16,1983)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	6	0.37	0.12	0.38
(16,1983)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	6	0.37	0.12	0.38
(16,1983)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	6	0.37	0.12	0.38
(16,1983)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	6	0.37	0.12	0.38
(16,1983)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	6	0.37	0.12	0.38
(4,78)	1:29:A:LYS:HA	1:30:A:LEU:H	6	0.37	0.03	0.38
(9,911)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	6	0.37	0.12	0.4
(9,911)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	6	0.37	0.12	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,919)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	6	0.37	0.12	0.4
(17,919)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	6	0.37	0.12	0.4
(30,76)	1:29:A:LYS:HA	1:30:A:LEU:H	6	0.37	0.03	0.38
(33,922)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	6	0.37	0.12	0.4
(33,922)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	6	0.37	0.12	0.4
(34,934)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	6	0.37	0.12	0.4
(34,934)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	6	0.37	0.12	0.4
(1,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	6	0.36	0.13	0.31
(1,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	6	0.36	0.13	0.31
(1,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	6	0.36	0.13	0.31
(1,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	6	0.36	0.13	0.31
(1,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	6	0.36	0.13	0.31
(1,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	6	0.36	0.13	0.31
(2,1492)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	6	0.36	0.13	0.31
(2,1492)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	6	0.36	0.13	0.31
(2,1492)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	6	0.36	0.13	0.31
(2,1492)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	6	0.36	0.13	0.31
(2,1492)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	6	0.36	0.13	0.31
(2,1492)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	6	0.36	0.13	0.31
(9,1482)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	6	0.36	0.13	0.31
(9,1482)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	6	0.36	0.13	0.31
(9,1482)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	6	0.36	0.13	0.31
(9,1482)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	6	0.36	0.13	0.31
(9,1482)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	6	0.36	0.13	0.31
(9,1482)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	6	0.36	0.13	0.31
(13,1461)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	6	0.36	0.13	0.31
(13,1461)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	6	0.36	0.13	0.31
(13,1461)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	6	0.36	0.13	0.31
(13,1461)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	6	0.36	0.13	0.31
(13,1461)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	6	0.36	0.13	0.31
(13,1461)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	6	0.36	0.13	0.31
(16,1487)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	6	0.36	0.13	0.31
(16,1487)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	6	0.36	0.13	0.31
(16,1487)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	6	0.36	0.13	0.31
(16,1487)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	6	0.36	0.13	0.31
(16,1487)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	6	0.36	0.13	0.31
(16,1487)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	6	0.36	0.13	0.31
(17,1509)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	6	0.36	0.13	0.31
(17,1509)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	6	0.36	0.13	0.31
(17,1509)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	6	0.36	0.13	0.31
(17,1509)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	6	0.36	0.13	0.31
(17,1509)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	6	0.36	0.13	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,1509)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	6	0.36	0.13	0.31
(18,1475)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	6	0.36	0.13	0.31
(18,1475)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	6	0.36	0.13	0.31
(18,1475)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	6	0.36	0.13	0.31
(18,1475)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	6	0.36	0.13	0.31
(18,1475)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	6	0.36	0.13	0.31
(18,1475)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	6	0.36	0.13	0.31
(33,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	6	0.36	0.13	0.31
(33,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	6	0.36	0.13	0.31
(33,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	6	0.36	0.13	0.31
(33,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	6	0.36	0.13	0.31
(33,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	6	0.36	0.13	0.31
(33,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	6	0.36	0.13	0.31
(34,1503)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	6	0.36	0.13	0.31
(34,1503)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	6	0.36	0.13	0.31
(34,1503)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	6	0.36	0.13	0.31
(34,1503)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	6	0.36	0.13	0.31
(34,1503)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	6	0.36	0.13	0.31
(34,1503)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	6	0.36	0.13	0.31
(4,2332)	1:107:A:LEU:HD11	1:112:A:GLN:HA	6	0.36	0.17	0.28
(4,2332)	1:107:A:LEU:HD12	1:112:A:GLN:HA	6	0.36	0.17	0.28
(4,2332)	1:107:A:LEU:HD13	1:112:A:GLN:HA	6	0.36	0.17	0.28
(4,2332)	1:107:A:LEU:HD21	1:112:A:GLN:HA	6	0.36	0.17	0.28
(4,2332)	1:107:A:LEU:HD22	1:112:A:GLN:HA	6	0.36	0.17	0.28
(4,2332)	1:107:A:LEU:HD23	1:112:A:GLN:HA	6	0.36	0.17	0.28
(18,2110)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	6	0.36	0.17	0.34
(18,2110)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	6	0.36	0.17	0.34
(18,2110)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	6	0.36	0.17	0.34
(18,2110)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	6	0.36	0.17	0.34
(18,2110)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	6	0.36	0.17	0.34
(18,2110)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	6	0.36	0.17	0.34
(18,2110)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	6	0.36	0.17	0.34
(18,2110)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	6	0.36	0.17	0.34
(18,2110)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	6	0.36	0.17	0.34
(18,2110)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	6	0.36	0.17	0.34
(18,2110)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	6	0.36	0.17	0.34
(18,2110)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	6	0.36	0.17	0.34
(6,2249)	1:69:A:MET:HG2	1:109:A:PRO:HA	6	0.36	0.11	0.36
(6,2249)	1:69:A:MET:HG3	1:109:A:PRO:HA	6	0.36	0.11	0.36
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD11	6	0.35	0.13	0.39
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD12	6	0.35	0.13	0.39
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD13	6	0.35	0.13	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD21	6	0.35	0.13	0.39
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD22	6	0.35	0.13	0.39
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD23	6	0.35	0.13	0.39
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD11	6	0.35	0.13	0.39
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD12	6	0.35	0.13	0.39
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD13	6	0.35	0.13	0.39
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD21	6	0.35	0.13	0.39
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD22	6	0.35	0.13	0.39
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD23	6	0.35	0.13	0.39
(3,756)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	6	0.35	0.1	0.36
(3,756)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	6	0.35	0.1	0.36
(4,730)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	6	0.35	0.1	0.36
(4,730)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	6	0.35	0.1	0.36
(5,737)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	6	0.35	0.1	0.36
(5,737)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	6	0.35	0.1	0.36
(7,733)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	6	0.35	0.1	0.36
(7,733)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	6	0.35	0.1	0.36
(11,742)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	6	0.35	0.1	0.36
(11,742)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	6	0.35	0.1	0.36
(13,727)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	6	0.35	0.1	0.36
(13,727)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	6	0.35	0.1	0.36
(16,753)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	6	0.35	0.1	0.36
(16,753)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	6	0.35	0.1	0.36
(18,758)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	6	0.35	0.1	0.36
(18,758)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	6	0.35	0.1	0.36
(34,749)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	6	0.35	0.1	0.36
(34,749)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	6	0.35	0.1	0.36
(3,982)	1:69:A:MET:H	1:109:A:PRO:HB2	6	0.35	0.22	0.27
(3,982)	1:69:A:MET:H	1:109:A:PRO:HB3	6	0.35	0.22	0.27
(6,934)	1:67:A:PRO:HA	1:70:A:LYS:HB2	6	0.34	0.14	0.39
(6,934)	1:67:A:PRO:HA	1:70:A:LYS:HB3	6	0.34	0.14	0.39
(9,947)	1:67:A:PRO:HA	1:70:A:LYS:HB2	6	0.34	0.14	0.39
(9,947)	1:67:A:PRO:HA	1:70:A:LYS:HB3	6	0.34	0.14	0.39
(30,940)	1:67:A:PRO:HA	1:70:A:LYS:HB2	6	0.34	0.14	0.39
(30,940)	1:67:A:PRO:HA	1:70:A:LYS:HB3	6	0.34	0.14	0.39
(32,915)	1:67:A:PRO:HA	1:70:A:LYS:HB2	6	0.34	0.14	0.39
(32,915)	1:67:A:PRO:HA	1:70:A:LYS:HB3	6	0.34	0.14	0.39
(6,2002)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	6	0.34	0.12	0.34
(6,2002)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	6	0.34	0.12	0.34
(6,2002)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	6	0.34	0.12	0.34
(6,2002)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	6	0.34	0.12	0.34
(6,2002)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	6	0.34	0.12	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,2002)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	6	0.34	0.12	0.34
(6,2002)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	6	0.34	0.12	0.34
(6,2002)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	6	0.34	0.12	0.34
(6,2002)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	6	0.34	0.12	0.34
(6,2002)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	6	0.34	0.12	0.34
(6,2002)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	6	0.34	0.12	0.34
(6,2002)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	6	0.34	0.12	0.34
(9,478)	1:14:A:VAL:H	1:61:A:SER:HA	6	0.34	0.28	0.2
(13,1951)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	6	0.34	0.12	0.34
(13,1951)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	6	0.34	0.12	0.34
(13,1951)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	6	0.34	0.12	0.34
(13,1951)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	6	0.34	0.12	0.34
(13,1951)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	6	0.34	0.12	0.34
(13,1951)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	6	0.34	0.12	0.34
(13,1951)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	6	0.34	0.12	0.34
(13,1951)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	6	0.34	0.12	0.34
(13,1951)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	6	0.34	0.12	0.34
(13,1951)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	6	0.34	0.12	0.34
(13,1951)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	6	0.34	0.12	0.34
(13,1951)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	6	0.34	0.12	0.34
(15,1960)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	6	0.34	0.12	0.34
(15,1960)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	6	0.34	0.12	0.34
(15,1960)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	6	0.34	0.12	0.34
(15,1960)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	6	0.34	0.12	0.34
(15,1960)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	6	0.34	0.12	0.34
(15,1960)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	6	0.34	0.12	0.34
(15,1960)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	6	0.34	0.12	0.34
(15,1960)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	6	0.34	0.12	0.34
(15,1960)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	6	0.34	0.12	0.34
(15,1960)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	6	0.34	0.12	0.34
(15,1960)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	6	0.34	0.12	0.34
(15,1960)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	6	0.34	0.12	0.34
(17,2003)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	6	0.34	0.12	0.34
(17,2003)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	6	0.34	0.12	0.34
(17,2003)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	6	0.34	0.12	0.34
(17,2003)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	6	0.34	0.12	0.34
(17,2003)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	6	0.34	0.12	0.34
(17,2003)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	6	0.34	0.12	0.34
(17,2003)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	6	0.34	0.12	0.34
(17,2003)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	6	0.34	0.12	0.34
(17,2003)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	6	0.34	0.12	0.34
(17,2003)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	6	0.34	0.12	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,2003)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	6	0.34	0.12	0.34
(17,2003)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	6	0.34	0.12	0.34
(34,481)	1:14:A:VAL:H	1:61:A:SER:HA	6	0.34	0.28	0.2
(2,242)	1:23:A:LEU:HD21	1:24:A:ASP:H	6	0.34	0.12	0.34
(2,242)	1:23:A:LEU:HD22	1:24:A:ASP:H	6	0.34	0.12	0.34
(2,242)	1:23:A:LEU:HD23	1:24:A:ASP:H	6	0.34	0.12	0.34
(3,1419)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	6	0.34	0.18	0.29
(3,1419)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	6	0.34	0.18	0.29
(3,1419)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	6	0.34	0.18	0.29
(3,1419)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	6	0.34	0.18	0.29
(3,1419)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	6	0.34	0.18	0.29
(3,1419)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	6	0.34	0.18	0.29
(6,1457)	1:14:A:VAL:HB	1:15:A:ALA:HB1	6	0.34	0.1	0.34
(6,1457)	1:14:A:VAL:HB	1:15:A:ALA:HB2	6	0.34	0.1	0.34
(6,1457)	1:14:A:VAL:HB	1:15:A:ALA:HB3	6	0.34	0.1	0.34
(7,1378)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	6	0.34	0.18	0.29
(7,1378)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	6	0.34	0.18	0.29
(7,1378)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	6	0.34	0.18	0.29
(7,1378)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	6	0.34	0.18	0.29
(7,1378)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	6	0.34	0.18	0.29
(7,1378)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	6	0.34	0.18	0.29
(9,1388)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	6	0.34	0.18	0.29
(9,1388)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	6	0.34	0.18	0.29
(9,1388)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	6	0.34	0.18	0.29
(9,1388)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	6	0.34	0.18	0.29
(9,1388)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	6	0.34	0.18	0.29
(9,1388)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	6	0.34	0.18	0.29
(13,1372)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	6	0.34	0.18	0.29
(13,1372)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	6	0.34	0.18	0.29
(13,1372)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	6	0.34	0.18	0.29
(13,1372)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	6	0.34	0.18	0.29
(13,1372)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	6	0.34	0.18	0.29
(13,1372)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	6	0.34	0.18	0.29
(18,1389)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	6	0.34	0.18	0.29
(18,1389)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	6	0.34	0.18	0.29
(18,1389)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	6	0.34	0.18	0.29
(18,1389)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	6	0.34	0.18	0.29
(18,1389)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	6	0.34	0.18	0.29
(18,1389)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	6	0.34	0.18	0.29
(32,1363)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	6	0.34	0.18	0.29
(32,1363)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	6	0.34	0.18	0.29
(32,1363)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	6	0.34	0.18	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,1363)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	6	0.34	0.18	0.29
(32,1363)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	6	0.34	0.18	0.29
(32,1363)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	6	0.34	0.18	0.29
(33,1394)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	6	0.34	0.18	0.29
(33,1394)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	6	0.34	0.18	0.29
(33,1394)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	6	0.34	0.18	0.29
(33,1394)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	6	0.34	0.18	0.29
(33,1394)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	6	0.34	0.18	0.29
(33,1394)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	6	0.34	0.18	0.29
(3,1820)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	6	0.34	0.09	0.34
(3,1820)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	6	0.34	0.09	0.34
(3,1820)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	6	0.34	0.09	0.34
(3,1820)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	6	0.34	0.09	0.34
(16,1782)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	6	0.34	0.09	0.34
(16,1782)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	6	0.34	0.09	0.34
(16,1782)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	6	0.34	0.09	0.34
(16,1782)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	6	0.34	0.09	0.34
(6,1076)	1:68:A:LYS:HA	1:72:A:PHE:HD1	6	0.33	0.2	0.26
(6,1076)	1:68:A:LYS:HA	1:72:A:PHE:HD2	6	0.33	0.2	0.26
(13,1073)	1:68:A:LYS:HA	1:72:A:PHE:HD1	6	0.33	0.2	0.26
(13,1073)	1:68:A:LYS:HA	1:72:A:PHE:HD2	6	0.33	0.2	0.26
(16,1103)	1:68:A:LYS:HA	1:72:A:PHE:HD1	6	0.33	0.2	0.26
(16,1103)	1:68:A:LYS:HA	1:72:A:PHE:HD2	6	0.33	0.2	0.26
(17,1100)	1:68:A:LYS:HA	1:72:A:PHE:HD1	6	0.33	0.2	0.26
(17,1100)	1:68:A:LYS:HA	1:72:A:PHE:HD2	6	0.33	0.2	0.26
(34,1121)	1:68:A:LYS:HA	1:72:A:PHE:HD1	6	0.33	0.2	0.26
(34,1121)	1:68:A:LYS:HA	1:72:A:PHE:HD2	6	0.33	0.2	0.26
(1,619)	1:14:A:VAL:HB	1:16:A:SER:H	6	0.33	0.03	0.32
(5,611)	1:14:A:VAL:HB	1:16:A:SER:H	6	0.33	0.03	0.32
(33,616)	1:14:A:VAL:HB	1:16:A:SER:H	6	0.33	0.03	0.32
(6,1277)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	6	0.33	0.17	0.3
(6,1277)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	6	0.33	0.17	0.3
(6,1277)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	6	0.33	0.17	0.3
(6,1277)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	6	0.33	0.17	0.3
(6,1277)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	6	0.33	0.17	0.3
(6,1277)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	6	0.33	0.17	0.3
(6,1277)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	6	0.33	0.17	0.3
(6,1277)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	6	0.33	0.17	0.3
(6,1277)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	6	0.33	0.17	0.3
(3,660)	1:66:A:THR:H	1:116:A:GLN:HE22	6	0.32	0.21	0.24
(32,639)	1:66:A:THR:H	1:116:A:GLN:HE22	6	0.32	0.21	0.24
(6,316)	1:56:A:CYS:HA	1:122:A:ASP:H	6	0.32	0.11	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,328)	1:56:A:CYS:HA	1:122:A:ASP:H	6	0.32	0.11	0.35
(11,321)	1:56:A:CYS:HA	1:122:A:ASP:H	6	0.32	0.11	0.35
(33,318)	1:56:A:CYS:HA	1:122:A:ASP:H	6	0.32	0.11	0.35
(1,1250)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	6	0.32	0.12	0.3
(1,1250)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	6	0.32	0.12	0.3
(1,1250)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	6	0.32	0.12	0.3
(1,1250)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	6	0.32	0.12	0.3
(1,1250)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	6	0.32	0.12	0.3
(1,1250)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	6	0.32	0.12	0.3
(1,1250)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	6	0.32	0.12	0.3
(1,1250)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	6	0.32	0.12	0.3
(1,1250)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	6	0.32	0.12	0.3
(3,1218)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	6	0.32	0.12	0.3
(3,1218)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	6	0.32	0.12	0.3
(3,1218)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	6	0.32	0.12	0.3
(3,1218)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	6	0.32	0.12	0.3
(3,1218)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	6	0.32	0.12	0.3
(3,1218)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	6	0.32	0.12	0.3
(3,1218)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	6	0.32	0.12	0.3
(3,1218)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	6	0.32	0.12	0.3
(3,1218)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	6	0.32	0.12	0.3
(4,1224)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	6	0.32	0.12	0.3
(4,1224)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	6	0.32	0.12	0.3
(4,1224)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	6	0.32	0.12	0.3
(4,1224)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	6	0.32	0.12	0.3
(4,1224)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	6	0.32	0.12	0.3
(4,1224)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	6	0.32	0.12	0.3
(4,1224)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	6	0.32	0.12	0.3
(4,1224)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	6	0.32	0.12	0.3
(4,1224)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	6	0.32	0.12	0.3
(11,1266)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	6	0.32	0.12	0.3
(11,1266)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	6	0.32	0.12	0.3
(11,1266)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	6	0.32	0.12	0.3
(11,1266)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	6	0.32	0.12	0.3
(11,1266)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	6	0.32	0.12	0.3
(11,1266)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	6	0.32	0.12	0.3
(11,1266)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	6	0.32	0.12	0.3
(11,1266)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	6	0.32	0.12	0.3
(11,1266)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	6	0.32	0.12	0.3
(17,1256)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	6	0.32	0.12	0.3
(17,1256)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	6	0.32	0.12	0.3
(17,1256)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	6	0.32	0.12	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,1256)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	6	0.32	0.12	0.3
(17,1256)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	6	0.32	0.12	0.3
(17,1256)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	6	0.32	0.12	0.3
(17,1256)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	6	0.32	0.12	0.3
(17,1256)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	6	0.32	0.12	0.3
(17,1256)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	6	0.32	0.12	0.3
(33,1254)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	6	0.32	0.12	0.3
(33,1254)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	6	0.32	0.12	0.3
(33,1254)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	6	0.32	0.12	0.3
(33,1254)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	6	0.32	0.12	0.3
(33,1254)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	6	0.32	0.12	0.3
(33,1254)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	6	0.32	0.12	0.3
(33,1254)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	6	0.32	0.12	0.3
(33,1254)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	6	0.32	0.12	0.3
(33,1254)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	6	0.32	0.12	0.3
(33,1988)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	6	0.32	0.12	0.32
(33,1988)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	6	0.32	0.12	0.32
(33,1988)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	6	0.32	0.12	0.32
(33,1988)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	6	0.32	0.12	0.32
(33,1988)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	6	0.32	0.12	0.32
(33,1988)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	6	0.32	0.12	0.32
(33,1988)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	6	0.32	0.12	0.32
(33,1988)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	6	0.32	0.12	0.32
(33,1988)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	6	0.32	0.12	0.32
(33,1988)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	6	0.32	0.12	0.32
(33,1988)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	6	0.32	0.12	0.32
(33,1988)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	6	0.32	0.12	0.32
(17,869)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	6	0.32	0.17	0.27
(17,869)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	6	0.32	0.17	0.27
(17,869)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	6	0.32	0.17	0.27
(34,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	6	0.32	0.17	0.27
(34,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	6	0.32	0.17	0.27
(34,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	6	0.32	0.17	0.27
(2,1926)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	6	0.32	0.09	0.29
(2,1926)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	6	0.32	0.09	0.29
(2,1926)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	6	0.32	0.09	0.29
(2,1926)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	6	0.32	0.09	0.29
(3,1929)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	6	0.32	0.09	0.29
(3,1929)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	6	0.32	0.09	0.29
(3,1929)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	6	0.32	0.09	0.29
(3,1929)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	6	0.32	0.09	0.29
(18,1712)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	6	0.32	0.11	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,1712)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	6	0.32	0.11	0.34
(18,1712)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	6	0.32	0.11	0.34
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD11	6	0.32	0.17	0.3
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD12	6	0.32	0.17	0.3
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD13	6	0.32	0.17	0.3
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD21	6	0.32	0.17	0.3
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD22	6	0.32	0.17	0.3
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD23	6	0.32	0.17	0.3
(6,749)	1:141:A:LYS:H	1:143:A:TRP:HB2	6	0.31	0.13	0.3
(7,749)	1:141:A:LYS:H	1:143:A:TRP:HB2	6	0.31	0.13	0.3
(13,743)	1:141:A:LYS:H	1:143:A:TRP:HB2	6	0.31	0.13	0.3
(15,760)	1:141:A:LYS:H	1:143:A:TRP:HB2	6	0.31	0.13	0.3
(18,772)	1:141:A:LYS:H	1:143:A:TRP:HB2	6	0.31	0.13	0.3
(29,771)	1:141:A:LYS:H	1:143:A:TRP:HB2	6	0.31	0.13	0.3
(32,741)	1:141:A:LYS:H	1:143:A:TRP:HB2	6	0.31	0.13	0.3
(34,762)	1:141:A:LYS:H	1:143:A:TRP:HB2	6	0.31	0.13	0.3
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD11	6	0.31	0.14	0.26
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD12	6	0.31	0.14	0.26
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD13	6	0.31	0.14	0.26
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD21	6	0.31	0.14	0.26
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD22	6	0.31	0.14	0.26
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD23	6	0.31	0.14	0.26
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD11	6	0.31	0.14	0.26
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD12	6	0.31	0.14	0.26
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD13	6	0.31	0.14	0.26
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD21	6	0.31	0.14	0.26
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD22	6	0.31	0.14	0.26
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD23	6	0.31	0.14	0.26
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD11	6	0.31	0.14	0.26
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD12	6	0.31	0.14	0.26
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD13	6	0.31	0.14	0.26
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD21	6	0.31	0.14	0.26
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD22	6	0.31	0.14	0.26
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD23	6	0.31	0.14	0.26
(4,864)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	6	0.31	0.17	0.26
(4,864)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	6	0.31	0.17	0.26
(4,864)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	6	0.31	0.17	0.26
(16,874)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	6	0.31	0.17	0.26
(16,874)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	6	0.31	0.17	0.26
(16,874)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	6	0.31	0.17	0.26
(33,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	6	0.31	0.17	0.26
(33,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	6	0.31	0.17	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	6	0.31	0.17	0.26
(1,1865)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	6	0.31	0.11	0.26
(1,1865)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	6	0.31	0.11	0.26
(3,1878)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	6	0.31	0.11	0.26
(3,1878)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	6	0.31	0.11	0.26
(7,1593)	1:149:A:ALA:HB1	1:151:A:PHE:HA	6	0.31	0.1	0.29
(7,1593)	1:149:A:ALA:HB2	1:151:A:PHE:HA	6	0.31	0.1	0.29
(7,1593)	1:149:A:ALA:HB3	1:151:A:PHE:HA	6	0.31	0.1	0.29
(9,1611)	1:149:A:ALA:HB1	1:151:A:PHE:HA	6	0.31	0.1	0.29
(9,1611)	1:149:A:ALA:HB2	1:151:A:PHE:HA	6	0.31	0.1	0.29
(9,1611)	1:149:A:ALA:HB3	1:151:A:PHE:HA	6	0.31	0.1	0.29
(11,1873)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	6	0.31	0.11	0.26
(11,1873)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	6	0.31	0.11	0.26
(16,1838)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	6	0.31	0.11	0.26
(16,1838)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	6	0.31	0.11	0.26
(29,1634)	1:149:A:ALA:HB1	1:151:A:PHE:HA	6	0.31	0.1	0.29
(29,1634)	1:149:A:ALA:HB2	1:151:A:PHE:HA	6	0.31	0.1	0.29
(29,1634)	1:149:A:ALA:HB3	1:151:A:PHE:HA	6	0.31	0.1	0.29
(30,1622)	1:149:A:ALA:HB1	1:151:A:PHE:HA	6	0.31	0.1	0.29
(30,1622)	1:149:A:ALA:HB2	1:151:A:PHE:HA	6	0.31	0.1	0.29
(30,1622)	1:149:A:ALA:HB3	1:151:A:PHE:HA	6	0.31	0.1	0.29
(30,1851)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	6	0.31	0.11	0.26
(30,1851)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	6	0.31	0.11	0.26
(33,1611)	1:149:A:ALA:HB1	1:151:A:PHE:HA	6	0.31	0.1	0.29
(33,1611)	1:149:A:ALA:HB2	1:151:A:PHE:HA	6	0.31	0.1	0.29
(33,1611)	1:149:A:ALA:HB3	1:151:A:PHE:HA	6	0.31	0.1	0.29
(33,1848)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	6	0.31	0.11	0.26
(33,1848)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	6	0.31	0.11	0.26
(2,111)	1:80:A:TYR:H	1:81:A:GLU:HG2	6	0.31	0.14	0.29
(2,111)	1:80:A:TYR:H	1:81:A:GLU:HG3	6	0.31	0.14	0.29
(5,110)	1:80:A:TYR:H	1:81:A:GLU:HG2	6	0.31	0.14	0.29
(5,110)	1:80:A:TYR:H	1:81:A:GLU:HG3	6	0.31	0.14	0.29
(11,115)	1:80:A:TYR:H	1:81:A:GLU:HG2	6	0.31	0.14	0.29
(11,115)	1:80:A:TYR:H	1:81:A:GLU:HG3	6	0.31	0.14	0.29
(13,113)	1:80:A:TYR:H	1:81:A:GLU:HG2	6	0.31	0.14	0.29
(13,113)	1:80:A:TYR:H	1:81:A:GLU:HG3	6	0.31	0.14	0.29
(17,114)	1:80:A:TYR:H	1:81:A:GLU:HG2	6	0.31	0.14	0.29
(17,114)	1:80:A:TYR:H	1:81:A:GLU:HG3	6	0.31	0.14	0.29
(29,118)	1:80:A:TYR:H	1:81:A:GLU:HG2	6	0.31	0.14	0.29
(29,118)	1:80:A:TYR:H	1:81:A:GLU:HG3	6	0.31	0.14	0.29
(34,118)	1:80:A:TYR:H	1:81:A:GLU:HG2	6	0.31	0.14	0.29
(34,118)	1:80:A:TYR:H	1:81:A:GLU:HG3	6	0.31	0.14	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,1035)	1:63:A:ILE:HG12	1:116:A:GLN:HG3	6	0.3	0.17	0.26
(1,1545)	1:69:A:MET:HE1	1:109:A:PRO:HB2	6	0.3	0.19	0.27
(1,1545)	1:69:A:MET:HE1	1:109:A:PRO:HB3	6	0.3	0.19	0.27
(1,1545)	1:69:A:MET:HE2	1:109:A:PRO:HB2	6	0.3	0.19	0.27
(1,1545)	1:69:A:MET:HE2	1:109:A:PRO:HB3	6	0.3	0.19	0.27
(1,1545)	1:69:A:MET:HE3	1:109:A:PRO:HB2	6	0.3	0.19	0.27
(1,1545)	1:69:A:MET:HE3	1:109:A:PRO:HB3	6	0.3	0.19	0.27
(11,1552)	1:69:A:MET:HE1	1:109:A:PRO:HB2	6	0.3	0.19	0.27
(11,1552)	1:69:A:MET:HE1	1:109:A:PRO:HB3	6	0.3	0.19	0.27
(11,1552)	1:69:A:MET:HE2	1:109:A:PRO:HB2	6	0.3	0.19	0.27
(11,1552)	1:69:A:MET:HE2	1:109:A:PRO:HB3	6	0.3	0.19	0.27
(11,1552)	1:69:A:MET:HE3	1:109:A:PRO:HB2	6	0.3	0.19	0.27
(11,1552)	1:69:A:MET:HE3	1:109:A:PRO:HB3	6	0.3	0.19	0.27
(3,242)	1:23:A:LEU:HD11	1:24:A:ASP:H	6	0.3	0.11	0.29
(3,242)	1:23:A:LEU:HD12	1:24:A:ASP:H	6	0.3	0.11	0.29
(3,242)	1:23:A:LEU:HD13	1:24:A:ASP:H	6	0.3	0.11	0.29
(32,1224)	1:23:A:LEU:HD11	1:24:A:ASP:H	6	0.3	0.11	0.29
(32,1224)	1:23:A:LEU:HD12	1:24:A:ASP:H	6	0.3	0.11	0.29
(32,1224)	1:23:A:LEU:HD13	1:24:A:ASP:H	6	0.3	0.11	0.29
(4,1168)	1:23:A:LEU:HD21	1:24:A:ASP:H	6	0.3	0.12	0.3
(4,1168)	1:23:A:LEU:HD22	1:24:A:ASP:H	6	0.3	0.12	0.3
(4,1168)	1:23:A:LEU:HD23	1:24:A:ASP:H	6	0.3	0.12	0.3
(16,251)	1:23:A:LEU:HD21	1:24:A:ASP:H	6	0.3	0.12	0.3
(16,251)	1:23:A:LEU:HD22	1:24:A:ASP:H	6	0.3	0.12	0.3
(16,251)	1:23:A:LEU:HD23	1:24:A:ASP:H	6	0.3	0.12	0.3
(4,1443)	1:14:A:VAL:HB	1:15:A:ALA:HB1	6	0.3	0.1	0.3
(4,1443)	1:14:A:VAL:HB	1:15:A:ALA:HB2	6	0.3	0.1	0.3
(4,1443)	1:14:A:VAL:HB	1:15:A:ALA:HB3	6	0.3	0.1	0.3
(2,1580)	1:11:A:ILE:HD11	1:14:A:VAL:H	6	0.3	0.17	0.27
(2,1580)	1:11:A:ILE:HD12	1:14:A:VAL:H	6	0.3	0.17	0.27
(2,1580)	1:11:A:ILE:HD13	1:14:A:VAL:H	6	0.3	0.17	0.27
(13,1538)	1:11:A:ILE:HD11	1:14:A:VAL:H	6	0.3	0.17	0.27
(13,1538)	1:11:A:ILE:HD12	1:14:A:VAL:H	6	0.3	0.17	0.27
(13,1538)	1:11:A:ILE:HD13	1:14:A:VAL:H	6	0.3	0.17	0.27
(30,1569)	1:11:A:ILE:HD11	1:14:A:VAL:H	6	0.3	0.17	0.27
(30,1569)	1:11:A:ILE:HD12	1:14:A:VAL:H	6	0.3	0.17	0.27
(30,1569)	1:11:A:ILE:HD13	1:14:A:VAL:H	6	0.3	0.17	0.27
(33,1556)	1:11:A:ILE:HD11	1:14:A:VAL:H	6	0.3	0.17	0.27
(33,1556)	1:11:A:ILE:HD12	1:14:A:VAL:H	6	0.3	0.17	0.27
(33,1556)	1:11:A:ILE:HD13	1:14:A:VAL:H	6	0.3	0.17	0.27
(34,1584)	1:11:A:ILE:HD11	1:14:A:VAL:H	6	0.3	0.17	0.27
(34,1584)	1:11:A:ILE:HD12	1:14:A:VAL:H	6	0.3	0.17	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,1584)	1:11:A:ILE:HD13	1:14:A:VAL:H	6	0.3	0.17	0.27
(3,1557)	1:66:A:THR:HG21	1:69:A:MET:HE1	6	0.29	0.24	0.14
(3,1557)	1:66:A:THR:HG21	1:69:A:MET:HE2	6	0.29	0.24	0.14
(3,1557)	1:66:A:THR:HG21	1:69:A:MET:HE3	6	0.29	0.24	0.14
(3,1557)	1:66:A:THR:HG22	1:69:A:MET:HE1	6	0.29	0.24	0.14
(3,1557)	1:66:A:THR:HG22	1:69:A:MET:HE2	6	0.29	0.24	0.14
(3,1557)	1:66:A:THR:HG22	1:69:A:MET:HE3	6	0.29	0.24	0.14
(3,1557)	1:66:A:THR:HG23	1:69:A:MET:HE1	6	0.29	0.24	0.14
(3,1557)	1:66:A:THR:HG23	1:69:A:MET:HE2	6	0.29	0.24	0.14
(3,1557)	1:66:A:THR:HG23	1:69:A:MET:HE3	6	0.29	0.24	0.14
(7,1513)	1:66:A:THR:HG21	1:69:A:MET:HE1	6	0.29	0.24	0.14
(7,1513)	1:66:A:THR:HG21	1:69:A:MET:HE2	6	0.29	0.24	0.14
(7,1513)	1:66:A:THR:HG21	1:69:A:MET:HE3	6	0.29	0.24	0.14
(7,1513)	1:66:A:THR:HG22	1:69:A:MET:HE1	6	0.29	0.24	0.14
(7,1513)	1:66:A:THR:HG22	1:69:A:MET:HE2	6	0.29	0.24	0.14
(7,1513)	1:66:A:THR:HG22	1:69:A:MET:HE3	6	0.29	0.24	0.14
(7,1513)	1:66:A:THR:HG23	1:69:A:MET:HE1	6	0.29	0.24	0.14
(7,1513)	1:66:A:THR:HG23	1:69:A:MET:HE2	6	0.29	0.24	0.14
(7,1513)	1:66:A:THR:HG23	1:69:A:MET:HE3	6	0.29	0.24	0.14
(13,1502)	1:66:A:THR:HG21	1:69:A:MET:HE1	6	0.29	0.24	0.14
(13,1502)	1:66:A:THR:HG21	1:69:A:MET:HE2	6	0.29	0.24	0.14
(13,1502)	1:66:A:THR:HG21	1:69:A:MET:HE3	6	0.29	0.24	0.14
(13,1502)	1:66:A:THR:HG22	1:69:A:MET:HE1	6	0.29	0.24	0.14
(13,1502)	1:66:A:THR:HG22	1:69:A:MET:HE2	6	0.29	0.24	0.14
(13,1502)	1:66:A:THR:HG22	1:69:A:MET:HE3	6	0.29	0.24	0.14
(13,1502)	1:66:A:THR:HG23	1:69:A:MET:HE1	6	0.29	0.24	0.14
(13,1502)	1:66:A:THR:HG23	1:69:A:MET:HE2	6	0.29	0.24	0.14
(13,1502)	1:66:A:THR:HG23	1:69:A:MET:HE3	6	0.29	0.24	0.14
(18,1522)	1:66:A:THR:HG21	1:69:A:MET:HE1	6	0.29	0.24	0.14
(18,1522)	1:66:A:THR:HG21	1:69:A:MET:HE2	6	0.29	0.24	0.14
(18,1522)	1:66:A:THR:HG21	1:69:A:MET:HE3	6	0.29	0.24	0.14
(18,1522)	1:66:A:THR:HG22	1:69:A:MET:HE1	6	0.29	0.24	0.14
(18,1522)	1:66:A:THR:HG22	1:69:A:MET:HE2	6	0.29	0.24	0.14
(18,1522)	1:66:A:THR:HG22	1:69:A:MET:HE3	6	0.29	0.24	0.14
(18,1522)	1:66:A:THR:HG23	1:69:A:MET:HE1	6	0.29	0.24	0.14
(18,1522)	1:66:A:THR:HG23	1:69:A:MET:HE2	6	0.29	0.24	0.14
(18,1522)	1:66:A:THR:HG23	1:69:A:MET:HE3	6	0.29	0.24	0.14
(29,1545)	1:66:A:THR:HG21	1:69:A:MET:HE1	6	0.29	0.24	0.14
(29,1545)	1:66:A:THR:HG21	1:69:A:MET:HE2	6	0.29	0.24	0.14
(29,1545)	1:66:A:THR:HG21	1:69:A:MET:HE3	6	0.29	0.24	0.14
(29,1545)	1:66:A:THR:HG22	1:69:A:MET:HE1	6	0.29	0.24	0.14
(29,1545)	1:66:A:THR:HG22	1:69:A:MET:HE2	6	0.29	0.24	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,1545)	1:66:A:THR:HG22	1:69:A:MET:HE3	6	0.29	0.24	0.14
(29,1545)	1:66:A:THR:HG23	1:69:A:MET:HE1	6	0.29	0.24	0.14
(29,1545)	1:66:A:THR:HG23	1:69:A:MET:HE2	6	0.29	0.24	0.14
(29,1545)	1:66:A:THR:HG23	1:69:A:MET:HE3	6	0.29	0.24	0.14
(33,1523)	1:66:A:THR:HG21	1:69:A:MET:HE1	6	0.29	0.24	0.14
(33,1523)	1:66:A:THR:HG21	1:69:A:MET:HE2	6	0.29	0.24	0.14
(33,1523)	1:66:A:THR:HG21	1:69:A:MET:HE3	6	0.29	0.24	0.14
(33,1523)	1:66:A:THR:HG22	1:69:A:MET:HE1	6	0.29	0.24	0.14
(33,1523)	1:66:A:THR:HG22	1:69:A:MET:HE2	6	0.29	0.24	0.14
(33,1523)	1:66:A:THR:HG22	1:69:A:MET:HE3	6	0.29	0.24	0.14
(33,1523)	1:66:A:THR:HG23	1:69:A:MET:HE1	6	0.29	0.24	0.14
(33,1523)	1:66:A:THR:HG23	1:69:A:MET:HE2	6	0.29	0.24	0.14
(33,1523)	1:66:A:THR:HG23	1:69:A:MET:HE3	6	0.29	0.24	0.14
(34,1546)	1:66:A:THR:HG21	1:69:A:MET:HE1	6	0.29	0.24	0.14
(34,1546)	1:66:A:THR:HG21	1:69:A:MET:HE2	6	0.29	0.24	0.14
(34,1546)	1:66:A:THR:HG21	1:69:A:MET:HE3	6	0.29	0.24	0.14
(34,1546)	1:66:A:THR:HG22	1:69:A:MET:HE1	6	0.29	0.24	0.14
(34,1546)	1:66:A:THR:HG22	1:69:A:MET:HE2	6	0.29	0.24	0.14
(34,1546)	1:66:A:THR:HG22	1:69:A:MET:HE3	6	0.29	0.24	0.14
(34,1546)	1:66:A:THR:HG23	1:69:A:MET:HE1	6	0.29	0.24	0.14
(34,1546)	1:66:A:THR:HG23	1:69:A:MET:HE2	6	0.29	0.24	0.14
(34,1546)	1:66:A:THR:HG23	1:69:A:MET:HE3	6	0.29	0.24	0.14
(1,467)	1:14:A:VAL:H	1:14:A:VAL:HB	6	0.29	0.0	0.29
(2,2129)	1:39:A:VAL:HG11	1:143:A:TRP:H	6	0.29	0.12	0.26
(2,2129)	1:39:A:VAL:HG12	1:143:A:TRP:H	6	0.29	0.12	0.26
(2,2129)	1:39:A:VAL:HG13	1:143:A:TRP:H	6	0.29	0.12	0.26
(2,2129)	1:39:A:VAL:HG21	1:143:A:TRP:H	6	0.29	0.12	0.26
(2,2129)	1:39:A:VAL:HG22	1:143:A:TRP:H	6	0.29	0.12	0.26
(2,2129)	1:39:A:VAL:HG23	1:143:A:TRP:H	6	0.29	0.12	0.26
(5,456)	1:14:A:VAL:H	1:14:A:VAL:HB	6	0.29	0.0	0.29
(6,461)	1:14:A:VAL:H	1:14:A:VAL:HB	6	0.29	0.0	0.29
(7,466)	1:14:A:VAL:H	1:14:A:VAL:HB	6	0.29	0.0	0.29
(13,461)	1:14:A:VAL:H	1:14:A:VAL:HB	6	0.29	0.0	0.29
(15,470)	1:14:A:VAL:H	1:14:A:VAL:HB	6	0.29	0.0	0.29
(33,461)	1:14:A:VAL:H	1:14:A:VAL:HB	6	0.29	0.0	0.29
(5,1789)	1:57:A:LEU:HG	1:60:A:LEU:HG	6	0.29	0.22	0.15
(7,1727)	1:57:A:LEU:HG	1:60:A:LEU:HG	6	0.29	0.22	0.15
(9,1757)	1:57:A:LEU:HG	1:60:A:LEU:HG	6	0.29	0.22	0.15
(15,1751)	1:57:A:LEU:HG	1:60:A:LEU:HG	6	0.29	0.22	0.15
(15,2311)	1:105:A:LYS:HG2	1:112:A:GLN:HE21	6	0.29	0.14	0.24
(15,2311)	1:105:A:LYS:HG3	1:112:A:GLN:HE21	6	0.29	0.14	0.24
(15,2311)	1:105:A:LYS:HG2	1:112:A:GLN:HE22	6	0.29	0.14	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,2311)	1:105:A:LYS:HG3	1:112:A:GLN:HE22	6	0.29	0.14	0.24
(17,1779)	1:57:A:LEU:HG	1:60:A:LEU:HG	6	0.29	0.22	0.15
(18,1747)	1:57:A:LEU:HG	1:60:A:LEU:HG	6	0.29	0.22	0.15
(29,346)	1:123:A:CYS:H	1:128:A:LEU:HD11	6	0.29	0.03	0.3
(29,346)	1:123:A:CYS:H	1:128:A:LEU:HD12	6	0.29	0.03	0.3
(29,346)	1:123:A:CYS:H	1:128:A:LEU:HD13	6	0.29	0.03	0.3
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD11	6	0.29	0.14	0.22
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD12	6	0.29	0.14	0.22
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD13	6	0.29	0.14	0.22
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD21	6	0.29	0.14	0.22
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD22	6	0.29	0.14	0.22
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD23	6	0.29	0.14	0.22
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD11	6	0.29	0.14	0.22
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD12	6	0.29	0.14	0.22
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD13	6	0.29	0.14	0.22
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD21	6	0.29	0.14	0.22
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD22	6	0.29	0.14	0.22
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD23	6	0.29	0.14	0.22
(33,2233)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	6	0.28	0.17	0.19
(33,2233)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	6	0.28	0.17	0.19
(33,2233)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	6	0.28	0.17	0.19
(33,2233)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	6	0.28	0.17	0.19
(33,1398)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	6	0.28	0.11	0.3
(33,1398)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	6	0.28	0.11	0.3
(33,1398)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	6	0.28	0.11	0.3
(33,1398)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	6	0.28	0.11	0.3
(33,1398)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	6	0.28	0.11	0.3
(33,1398)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	6	0.28	0.11	0.3
(33,1398)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	6	0.28	0.11	0.3
(33,1398)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	6	0.28	0.11	0.3
(33,1398)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	6	0.28	0.11	0.3
(34,1415)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	6	0.28	0.11	0.3
(34,1415)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	6	0.28	0.11	0.3
(34,1415)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	6	0.28	0.11	0.3
(34,1415)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	6	0.28	0.11	0.3
(34,1415)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	6	0.28	0.11	0.3
(34,1415)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	6	0.28	0.11	0.3
(34,1415)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	6	0.28	0.11	0.3
(34,1415)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	6	0.28	0.11	0.3
(34,1415)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	6	0.28	0.11	0.3
(6,752)	1:37:A:LEU:H	1:40:A:LEU:HB2	6	0.28	0.08	0.3
(7,751)	1:37:A:LEU:H	1:40:A:LEU:HB2	6	0.28	0.08	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,746)	1:37:A:LEU:H	1:40:A:LEU:HB2	6	0.28	0.08	0.3
(34,42)	1:43:A:MET:HA	1:47:A:ALA:H	6	0.28	0.19	0.19
(3,657)	1:66:A:THR:H	1:70:A:LYS:H	6	0.28	0.11	0.26
(30,650)	1:66:A:THR:H	1:70:A:LYS:H	6	0.28	0.11	0.26
(11,1437)	1:69:A:MET:HA	1:73:A:ILE:HG21	6	0.28	0.12	0.26
(11,1437)	1:69:A:MET:HA	1:73:A:ILE:HG22	6	0.28	0.12	0.26
(11,1437)	1:69:A:MET:HA	1:73:A:ILE:HG23	6	0.28	0.12	0.26
(16,1418)	1:69:A:MET:HA	1:73:A:ILE:HG21	6	0.28	0.12	0.26
(16,1418)	1:69:A:MET:HA	1:73:A:ILE:HG22	6	0.28	0.12	0.26
(16,1418)	1:69:A:MET:HA	1:73:A:ILE:HG23	6	0.28	0.12	0.26
(34,1808)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	6	0.27	0.09	0.29
(34,1808)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	6	0.27	0.09	0.29
(34,1808)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	6	0.27	0.09	0.29
(34,1808)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	6	0.27	0.09	0.29
(2,712)	1:9:A:PHE:HD1	1:54:A:ARG:HE	6	0.27	0.14	0.24
(2,712)	1:9:A:PHE:HD2	1:54:A:ARG:HE	6	0.27	0.14	0.24
(2,1404)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	6	0.27	0.11	0.29
(2,1404)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	6	0.27	0.11	0.29
(2,1404)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	6	0.27	0.11	0.29
(2,1404)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	6	0.27	0.11	0.29
(2,1404)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	6	0.27	0.11	0.29
(2,1404)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	6	0.27	0.11	0.29
(2,1404)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	6	0.27	0.11	0.29
(2,1404)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	6	0.27	0.11	0.29
(2,1404)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	6	0.27	0.11	0.29
(2,1624)	1:126:A:GLY:H	1:128:A:LEU:HD11	6	0.27	0.11	0.29
(2,1624)	1:126:A:GLY:H	1:128:A:LEU:HD12	6	0.27	0.11	0.29
(2,1624)	1:126:A:GLY:H	1:128:A:LEU:HD13	6	0.27	0.11	0.29
(5,1421)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	6	0.27	0.11	0.29
(5,1421)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	6	0.27	0.11	0.29
(5,1421)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	6	0.27	0.11	0.29
(5,1421)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	6	0.27	0.11	0.29
(5,1421)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	6	0.27	0.11	0.29
(5,1421)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	6	0.27	0.11	0.29
(5,1421)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	6	0.27	0.11	0.29
(5,1421)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	6	0.27	0.11	0.29
(5,1421)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	6	0.27	0.11	0.29
(17,1626)	1:126:A:GLY:H	1:128:A:LEU:HD11	6	0.27	0.11	0.29
(17,1626)	1:126:A:GLY:H	1:128:A:LEU:HD12	6	0.27	0.11	0.29
(17,1626)	1:126:A:GLY:H	1:128:A:LEU:HD13	6	0.27	0.11	0.29
(29,1408)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	6	0.27	0.11	0.29
(29,1408)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	6	0.27	0.11	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,1408)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	6	0.27	0.11	0.29
(29,1408)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	6	0.27	0.11	0.29
(29,1408)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	6	0.27	0.11	0.29
(29,1408)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	6	0.27	0.11	0.29
(29,1408)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	6	0.27	0.11	0.29
(29,1408)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	6	0.27	0.11	0.29
(29,1408)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	6	0.27	0.11	0.29
(30,714)	1:9:A:PHE:HD1	1:54:A:ARG:HE	6	0.27	0.14	0.24
(30,714)	1:9:A:PHE:HD2	1:54:A:ARG:HE	6	0.27	0.14	0.24
(32,699)	1:9:A:PHE:HD1	1:54:A:ARG:HE	6	0.27	0.14	0.24
(32,699)	1:9:A:PHE:HD2	1:54:A:ARG:HE	6	0.27	0.14	0.24
(4,2331)	1:107:A:LEU:HD11	1:112:A:GLN:H	6	0.27	0.1	0.25
(4,2331)	1:107:A:LEU:HD12	1:112:A:GLN:H	6	0.27	0.1	0.25
(4,2331)	1:107:A:LEU:HD13	1:112:A:GLN:H	6	0.27	0.1	0.25
(4,2331)	1:107:A:LEU:HD21	1:112:A:GLN:H	6	0.27	0.1	0.25
(4,2331)	1:107:A:LEU:HD22	1:112:A:GLN:H	6	0.27	0.1	0.25
(4,2331)	1:107:A:LEU:HD23	1:112:A:GLN:H	6	0.27	0.1	0.25
(6,2333)	1:107:A:LEU:HD11	1:112:A:GLN:H	6	0.27	0.1	0.25
(6,2333)	1:107:A:LEU:HD12	1:112:A:GLN:H	6	0.27	0.1	0.25
(6,2333)	1:107:A:LEU:HD13	1:112:A:GLN:H	6	0.27	0.1	0.25
(6,2333)	1:107:A:LEU:HD21	1:112:A:GLN:H	6	0.27	0.1	0.25
(6,2333)	1:107:A:LEU:HD22	1:112:A:GLN:H	6	0.27	0.1	0.25
(6,2333)	1:107:A:LEU:HD23	1:112:A:GLN:H	6	0.27	0.1	0.25
(9,2272)	1:107:A:LEU:HD11	1:112:A:GLN:H	6	0.27	0.1	0.25
(9,2272)	1:107:A:LEU:HD12	1:112:A:GLN:H	6	0.27	0.1	0.25
(9,2272)	1:107:A:LEU:HD13	1:112:A:GLN:H	6	0.27	0.1	0.25
(9,2272)	1:107:A:LEU:HD21	1:112:A:GLN:H	6	0.27	0.1	0.25
(9,2272)	1:107:A:LEU:HD22	1:112:A:GLN:H	6	0.27	0.1	0.25
(9,2272)	1:107:A:LEU:HD23	1:112:A:GLN:H	6	0.27	0.1	0.25
(13,2310)	1:107:A:LEU:HD11	1:112:A:GLN:H	6	0.27	0.1	0.25
(13,2310)	1:107:A:LEU:HD12	1:112:A:GLN:H	6	0.27	0.1	0.25
(13,2310)	1:107:A:LEU:HD13	1:112:A:GLN:H	6	0.27	0.1	0.25
(13,2310)	1:107:A:LEU:HD21	1:112:A:GLN:H	6	0.27	0.1	0.25
(13,2310)	1:107:A:LEU:HD22	1:112:A:GLN:H	6	0.27	0.1	0.25
(13,2310)	1:107:A:LEU:HD23	1:112:A:GLN:H	6	0.27	0.1	0.25
(34,2337)	1:107:A:LEU:HD11	1:112:A:GLN:H	6	0.27	0.1	0.25
(34,2337)	1:107:A:LEU:HD12	1:112:A:GLN:H	6	0.27	0.1	0.25
(34,2337)	1:107:A:LEU:HD13	1:112:A:GLN:H	6	0.27	0.1	0.25
(34,2337)	1:107:A:LEU:HD21	1:112:A:GLN:H	6	0.27	0.1	0.25
(34,2337)	1:107:A:LEU:HD22	1:112:A:GLN:H	6	0.27	0.1	0.25
(34,2337)	1:107:A:LEU:HD23	1:112:A:GLN:H	6	0.27	0.1	0.25
(4,1650)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	6	0.27	0.08	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1650)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	6	0.27	0.08	0.27
(5,1693)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	6	0.27	0.08	0.27
(5,1693)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	6	0.27	0.08	0.27
(6,1674)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	6	0.27	0.08	0.27
(6,1674)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	6	0.27	0.08	0.27
(9,1664)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	6	0.27	0.08	0.27
(9,1664)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	6	0.27	0.08	0.27
(11,1707)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	6	0.27	0.08	0.27
(11,1707)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	6	0.27	0.08	0.27
(15,2209)	1:65:A:CYS:HB2	1:70:A:LYS:HA	6	0.27	0.13	0.29
(15,2209)	1:65:A:CYS:HB3	1:70:A:LYS:HA	6	0.27	0.13	0.29
(17,1689)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	6	0.27	0.08	0.27
(17,1689)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	6	0.27	0.08	0.27
(18,1659)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	6	0.27	0.08	0.27
(18,1659)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	6	0.27	0.08	0.27
(4,1507)	1:110:A:MET:HE1	1:113:A:PHE:HA	6	0.27	0.13	0.26
(4,1507)	1:110:A:MET:HE2	1:113:A:PHE:HA	6	0.27	0.13	0.26
(4,1507)	1:110:A:MET:HE3	1:113:A:PHE:HA	6	0.27	0.13	0.26
(6,1522)	1:110:A:MET:HE1	1:113:A:PHE:HA	6	0.27	0.13	0.26
(6,1522)	1:110:A:MET:HE2	1:113:A:PHE:HA	6	0.27	0.13	0.26
(6,1522)	1:110:A:MET:HE3	1:113:A:PHE:HA	6	0.27	0.13	0.26
(11,1546)	1:110:A:MET:HE1	1:113:A:PHE:HA	6	0.27	0.13	0.26
(11,1546)	1:110:A:MET:HE2	1:113:A:PHE:HA	6	0.27	0.13	0.26
(11,1546)	1:110:A:MET:HE3	1:113:A:PHE:HA	6	0.27	0.13	0.26
(15,1516)	1:110:A:MET:HE1	1:113:A:PHE:HA	6	0.27	0.13	0.26
(15,1516)	1:110:A:MET:HE2	1:113:A:PHE:HA	6	0.27	0.13	0.26
(15,1516)	1:110:A:MET:HE3	1:113:A:PHE:HA	6	0.27	0.13	0.26
(29,1538)	1:110:A:MET:HE1	1:113:A:PHE:HA	6	0.27	0.13	0.26
(29,1538)	1:110:A:MET:HE2	1:113:A:PHE:HA	6	0.27	0.13	0.26
(29,1538)	1:110:A:MET:HE3	1:113:A:PHE:HA	6	0.27	0.13	0.26
(30,1523)	1:110:A:MET:HE1	1:113:A:PHE:HA	6	0.27	0.13	0.26
(30,1523)	1:110:A:MET:HE2	1:113:A:PHE:HA	6	0.27	0.13	0.26
(30,1523)	1:110:A:MET:HE3	1:113:A:PHE:HA	6	0.27	0.13	0.26
(32,1486)	1:110:A:MET:HE1	1:113:A:PHE:HA	6	0.27	0.13	0.26
(32,1486)	1:110:A:MET:HE2	1:113:A:PHE:HA	6	0.27	0.13	0.26
(32,1486)	1:110:A:MET:HE3	1:113:A:PHE:HA	6	0.27	0.13	0.26
(33,1517)	1:110:A:MET:HE1	1:113:A:PHE:HA	6	0.27	0.13	0.26
(33,1517)	1:110:A:MET:HE2	1:113:A:PHE:HA	6	0.27	0.13	0.26
(33,1517)	1:110:A:MET:HE3	1:113:A:PHE:HA	6	0.27	0.13	0.26
(33,2255)	1:69:A:MET:HG2	1:109:A:PRO:HA	6	0.26	0.11	0.28
(33,2255)	1:69:A:MET:HG3	1:109:A:PRO:HA	6	0.26	0.11	0.28
(5,2287)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	6	0.26	0.12	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,2287)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	6	0.26	0.12	0.26
(5,2287)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	6	0.26	0.12	0.26
(5,2287)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	6	0.26	0.12	0.26
(5,2287)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	6	0.26	0.12	0.26
(5,2287)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	6	0.26	0.12	0.26
(5,2287)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	6	0.26	0.12	0.26
(5,2287)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	6	0.26	0.12	0.26
(5,2287)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	6	0.26	0.12	0.26
(5,2287)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	6	0.26	0.12	0.26
(5,2287)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	6	0.26	0.12	0.26
(5,2287)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	6	0.26	0.12	0.26
(30,1400)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	6	0.26	0.11	0.28
(30,1400)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	6	0.26	0.11	0.28
(30,1400)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	6	0.26	0.11	0.28
(30,1400)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	6	0.26	0.11	0.28
(30,1400)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	6	0.26	0.11	0.28
(30,1400)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	6	0.26	0.11	0.28
(30,1400)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	6	0.26	0.11	0.28
(30,1400)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	6	0.26	0.11	0.28
(30,1400)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	6	0.26	0.11	0.28
(34,2287)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	6	0.26	0.12	0.26
(34,2287)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	6	0.26	0.12	0.26
(34,2287)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	6	0.26	0.12	0.26
(34,2287)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	6	0.26	0.12	0.26
(34,2287)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	6	0.26	0.12	0.26
(34,2287)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	6	0.26	0.12	0.26
(34,2287)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	6	0.26	0.12	0.26
(34,2287)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	6	0.26	0.12	0.26
(34,2287)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	6	0.26	0.12	0.26
(34,2287)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	6	0.26	0.12	0.26
(34,2287)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	6	0.26	0.12	0.26
(34,2287)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	6	0.26	0.12	0.26
(5,867)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	6	0.26	0.17	0.21
(5,867)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	6	0.26	0.17	0.21
(34,878)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	6	0.26	0.17	0.21
(34,878)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	6	0.26	0.17	0.21
(3,326)	1:46:A:ASN:H	1:49:A:LYS:HB2	6	0.26	0.13	0.24
(3,326)	1:46:A:ASN:H	1:49:A:LYS:HB3	6	0.26	0.13	0.24
(6,321)	1:46:A:ASN:H	1:49:A:LYS:HB2	6	0.26	0.13	0.24
(6,321)	1:46:A:ASN:H	1:49:A:LYS:HB3	6	0.26	0.13	0.24
(17,321)	1:46:A:ASN:H	1:49:A:LYS:HB2	6	0.26	0.13	0.24
(17,321)	1:46:A:ASN:H	1:49:A:LYS:HB3	6	0.26	0.13	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,322)	1:46:A:ASN:H	1:49:A:LYS:HB2	6	0.26	0.13	0.24
(29,322)	1:46:A:ASN:H	1:49:A:LYS:HB3	6	0.26	0.13	0.24
(6,1259)	1:113:A:PHE:HE1	1:117:A:VAL:HG11	6	0.26	0.09	0.25
(6,1259)	1:113:A:PHE:HE1	1:117:A:VAL:HG12	6	0.26	0.09	0.25
(6,1259)	1:113:A:PHE:HE1	1:117:A:VAL:HG13	6	0.26	0.09	0.25
(6,1259)	1:113:A:PHE:HE2	1:117:A:VAL:HG11	6	0.26	0.09	0.25
(6,1259)	1:113:A:PHE:HE2	1:117:A:VAL:HG12	6	0.26	0.09	0.25
(6,1259)	1:113:A:PHE:HE2	1:117:A:VAL:HG13	6	0.26	0.09	0.25
(11,1371)	1:113:A:PHE:HE1	1:117:A:VAL:HG11	6	0.26	0.09	0.25
(11,1371)	1:113:A:PHE:HE1	1:117:A:VAL:HG12	6	0.26	0.09	0.25
(11,1371)	1:113:A:PHE:HE1	1:117:A:VAL:HG13	6	0.26	0.09	0.25
(11,1371)	1:113:A:PHE:HE2	1:117:A:VAL:HG11	6	0.26	0.09	0.25
(11,1371)	1:113:A:PHE:HE2	1:117:A:VAL:HG12	6	0.26	0.09	0.25
(11,1371)	1:113:A:PHE:HE2	1:117:A:VAL:HG13	6	0.26	0.09	0.25
(16,1270)	1:113:A:PHE:HE1	1:117:A:VAL:HG11	6	0.26	0.09	0.25
(16,1270)	1:113:A:PHE:HE1	1:117:A:VAL:HG12	6	0.26	0.09	0.25
(16,1270)	1:113:A:PHE:HE1	1:117:A:VAL:HG13	6	0.26	0.09	0.25
(16,1270)	1:113:A:PHE:HE2	1:117:A:VAL:HG11	6	0.26	0.09	0.25
(16,1270)	1:113:A:PHE:HE2	1:117:A:VAL:HG12	6	0.26	0.09	0.25
(16,1270)	1:113:A:PHE:HE2	1:117:A:VAL:HG13	6	0.26	0.09	0.25
(34,1298)	1:113:A:PHE:HE1	1:117:A:VAL:HG11	6	0.26	0.09	0.25
(34,1298)	1:113:A:PHE:HE1	1:117:A:VAL:HG12	6	0.26	0.09	0.25
(34,1298)	1:113:A:PHE:HE1	1:117:A:VAL:HG13	6	0.26	0.09	0.25
(34,1298)	1:113:A:PHE:HE2	1:117:A:VAL:HG11	6	0.26	0.09	0.25
(34,1298)	1:113:A:PHE:HE2	1:117:A:VAL:HG12	6	0.26	0.09	0.25
(34,1298)	1:113:A:PHE:HE2	1:117:A:VAL:HG13	6	0.26	0.09	0.25
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD11	6	0.26	0.14	0.2
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD12	6	0.26	0.14	0.2
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD13	6	0.26	0.14	0.2
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD21	6	0.26	0.14	0.2
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD22	6	0.26	0.14	0.2
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD23	6	0.26	0.14	0.2
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD11	6	0.26	0.14	0.2
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD12	6	0.26	0.14	0.2
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD13	6	0.26	0.14	0.2
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD21	6	0.26	0.14	0.2
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD22	6	0.26	0.14	0.2
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD23	6	0.26	0.14	0.2
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD11	6	0.26	0.09	0.24
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD12	6	0.26	0.09	0.24
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD13	6	0.26	0.09	0.24
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD21	6	0.26	0.09	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD22	6	0.26	0.09	0.24
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD23	6	0.26	0.09	0.24
(4,118)	1:79:A:THR:H	1:80:A:TYR:H	6	0.25	0.06	0.27
(13,1128)	1:145:A:PRO:HB2	1:146:A:GLN:HA	6	0.25	0.09	0.28
(17,118)	1:79:A:THR:H	1:80:A:TYR:H	6	0.25	0.06	0.27
(29,122)	1:79:A:THR:H	1:80:A:TYR:H	6	0.25	0.06	0.27
(29,1163)	1:145:A:PRO:HB2	1:146:A:GLN:HA	6	0.25	0.09	0.28
(33,1154)	1:145:A:PRO:HB2	1:146:A:GLN:HA	6	0.25	0.09	0.28
(34,1177)	1:145:A:PRO:HB2	1:146:A:GLN:HA	6	0.25	0.09	0.28
(2,282)	1:50:A:ALA:H	1:52:A:CYS:H	6	0.25	0.09	0.24
(3,285)	1:50:A:ALA:H	1:52:A:CYS:H	6	0.25	0.09	0.24
(5,280)	1:50:A:ALA:H	1:52:A:CYS:H	6	0.25	0.09	0.24
(6,280)	1:50:A:ALA:H	1:52:A:CYS:H	6	0.25	0.09	0.24
(9,1533)	1:110:A:MET:H	1:110:A:MET:HE1	6	0.25	0.1	0.2
(9,1533)	1:110:A:MET:H	1:110:A:MET:HE2	6	0.25	0.1	0.2
(9,1533)	1:110:A:MET:H	1:110:A:MET:HE3	6	0.25	0.1	0.2
(11,1557)	1:110:A:MET:H	1:110:A:MET:HE1	6	0.25	0.1	0.2
(11,1557)	1:110:A:MET:H	1:110:A:MET:HE2	6	0.25	0.1	0.2
(11,1557)	1:110:A:MET:H	1:110:A:MET:HE3	6	0.25	0.1	0.2
(16,1535)	1:110:A:MET:H	1:110:A:MET:HE1	6	0.25	0.1	0.2
(16,1535)	1:110:A:MET:H	1:110:A:MET:HE2	6	0.25	0.1	0.2
(16,1535)	1:110:A:MET:H	1:110:A:MET:HE3	6	0.25	0.1	0.2
(17,1556)	1:110:A:MET:H	1:110:A:MET:HE1	6	0.25	0.1	0.2
(17,1556)	1:110:A:MET:H	1:110:A:MET:HE2	6	0.25	0.1	0.2
(17,1556)	1:110:A:MET:H	1:110:A:MET:HE3	6	0.25	0.1	0.2
(18,292)	1:50:A:ALA:H	1:52:A:CYS:H	6	0.25	0.09	0.24
(29,1550)	1:110:A:MET:H	1:110:A:MET:HE1	6	0.25	0.1	0.2
(29,1550)	1:110:A:MET:H	1:110:A:MET:HE2	6	0.25	0.1	0.2
(29,1550)	1:110:A:MET:H	1:110:A:MET:HE3	6	0.25	0.1	0.2
(32,277)	1:50:A:ALA:H	1:52:A:CYS:H	6	0.25	0.09	0.24
(33,281)	1:50:A:ALA:H	1:52:A:CYS:H	6	0.25	0.09	0.24
(5,1906)	1:68:A:LYS:HA	1:72:A:PHE:HE1	6	0.25	0.1	0.23
(5,1906)	1:68:A:LYS:HA	1:72:A:PHE:HE2	6	0.25	0.1	0.23
(6,1890)	1:68:A:LYS:HA	1:72:A:PHE:HE1	6	0.25	0.1	0.23
(6,1890)	1:68:A:LYS:HA	1:72:A:PHE:HE2	6	0.25	0.1	0.23
(16,1868)	1:68:A:LYS:HA	1:72:A:PHE:HE1	6	0.25	0.1	0.23
(16,1868)	1:68:A:LYS:HA	1:72:A:PHE:HE2	6	0.25	0.1	0.23
(17,1897)	1:68:A:LYS:HA	1:72:A:PHE:HE1	6	0.25	0.1	0.23
(17,1897)	1:68:A:LYS:HA	1:72:A:PHE:HE2	6	0.25	0.1	0.23
(33,1880)	1:68:A:LYS:HA	1:72:A:PHE:HE1	6	0.25	0.1	0.23
(33,1880)	1:68:A:LYS:HA	1:72:A:PHE:HE2	6	0.25	0.1	0.23
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD11	6	0.24	0.14	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD12	6	0.24	0.14	0.18
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD13	6	0.24	0.14	0.18
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD21	6	0.24	0.14	0.18
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD22	6	0.24	0.14	0.18
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD23	6	0.24	0.14	0.18
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD11	6	0.24	0.14	0.18
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD12	6	0.24	0.14	0.18
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD13	6	0.24	0.14	0.18
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD21	6	0.24	0.14	0.18
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD22	6	0.24	0.14	0.18
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD23	6	0.24	0.14	0.18
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD11	6	0.24	0.14	0.18
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD12	6	0.24	0.14	0.18
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD13	6	0.24	0.14	0.18
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD21	6	0.24	0.14	0.18
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD22	6	0.24	0.14	0.18
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD23	6	0.24	0.14	0.18
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD11	6	0.24	0.14	0.18
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD12	6	0.24	0.14	0.18
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD13	6	0.24	0.14	0.18
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD21	6	0.24	0.14	0.18
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD22	6	0.24	0.14	0.18
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD23	6	0.24	0.14	0.18
(1,1670)	1:69:A:MET:HE1	1:116:A:GLN:HE21	6	0.24	0.07	0.24
(1,1670)	1:69:A:MET:HE2	1:116:A:GLN:HE21	6	0.24	0.07	0.24
(1,1670)	1:69:A:MET:HE3	1:116:A:GLN:HE21	6	0.24	0.07	0.24
(17,1675)	1:69:A:MET:HE1	1:116:A:GLN:HE21	6	0.24	0.07	0.24
(17,1675)	1:69:A:MET:HE2	1:116:A:GLN:HE21	6	0.24	0.07	0.24
(17,1675)	1:69:A:MET:HE3	1:116:A:GLN:HE21	6	0.24	0.07	0.24
(30,2087)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	6	0.24	0.14	0.2
(30,2087)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	6	0.24	0.14	0.2
(30,2087)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	6	0.24	0.14	0.2
(30,2087)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	6	0.24	0.14	0.2
(30,2087)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	6	0.24	0.14	0.2
(30,2087)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	6	0.24	0.14	0.2
(2,1290)	1:128:A:LEU:H	1:128:A:LEU:HD21	6	0.24	0.08	0.22
(2,1290)	1:128:A:LEU:H	1:128:A:LEU:HD22	6	0.24	0.08	0.22
(2,1290)	1:128:A:LEU:H	1:128:A:LEU:HD23	6	0.24	0.08	0.22
(4,1271)	1:128:A:LEU:H	1:128:A:LEU:HD21	6	0.24	0.08	0.22
(4,1271)	1:128:A:LEU:H	1:128:A:LEU:HD22	6	0.24	0.08	0.22
(4,1271)	1:128:A:LEU:H	1:128:A:LEU:HD23	6	0.24	0.08	0.22
(13,1267)	1:128:A:LEU:H	1:128:A:LEU:HD21	6	0.24	0.08	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1267)	1:128:A:LEU:H	1:128:A:LEU:HD22	6	0.24	0.08	0.22
(13,1267)	1:128:A:LEU:H	1:128:A:LEU:HD23	6	0.24	0.08	0.22
(1,1848)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	6	0.24	0.08	0.26
(1,1848)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	6	0.24	0.08	0.26
(29,1852)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	6	0.24	0.08	0.26
(29,1852)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	6	0.24	0.08	0.26
(5,1968)	1:11:A:ILE:HG21	1:43:A:MET:HG2	6	0.24	0.1	0.23
(5,1968)	1:11:A:ILE:HG21	1:43:A:MET:HG3	6	0.24	0.1	0.23
(5,1968)	1:11:A:ILE:HG22	1:43:A:MET:HG2	6	0.24	0.1	0.23
(5,1968)	1:11:A:ILE:HG22	1:43:A:MET:HG3	6	0.24	0.1	0.23
(5,1968)	1:11:A:ILE:HG23	1:43:A:MET:HG2	6	0.24	0.1	0.23
(5,1968)	1:11:A:ILE:HG23	1:43:A:MET:HG3	6	0.24	0.1	0.23
(16,1257)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	6	0.24	0.14	0.18
(16,1257)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	6	0.24	0.14	0.18
(16,1257)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	6	0.24	0.14	0.18
(7,2000)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	6	0.23	0.09	0.21
(7,2000)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	6	0.23	0.09	0.21
(7,2000)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	6	0.23	0.09	0.21
(7,2000)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	6	0.23	0.09	0.21
(32,2010)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	6	0.23	0.09	0.21
(32,2010)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	6	0.23	0.09	0.21
(32,2010)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	6	0.23	0.09	0.21
(32,2010)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	6	0.23	0.09	0.21
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD11	6	0.23	0.09	0.25
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD12	6	0.23	0.09	0.25
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD13	6	0.23	0.09	0.25
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD21	6	0.23	0.09	0.25
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD22	6	0.23	0.09	0.25
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD23	6	0.23	0.09	0.25
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD11	6	0.23	0.09	0.25
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD12	6	0.23	0.09	0.25
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD13	6	0.23	0.09	0.25
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD21	6	0.23	0.09	0.25
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD22	6	0.23	0.09	0.25
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD23	6	0.23	0.09	0.25
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD11	6	0.23	0.09	0.25
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD12	6	0.23	0.09	0.25
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD13	6	0.23	0.09	0.25
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD21	6	0.23	0.09	0.25
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD22	6	0.23	0.09	0.25
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD23	6	0.23	0.09	0.25
(4,2391)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	6	0.23	0.1	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,2391)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	6	0.23	0.1	0.22
(4,2391)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	6	0.23	0.1	0.22
(4,2391)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	6	0.23	0.1	0.22
(4,2391)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	6	0.23	0.1	0.22
(4,2391)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	6	0.23	0.1	0.22
(5,152)	1:127:A:CYS:H	1:128:A:LEU:HB2	6	0.23	0.09	0.21
(6,157)	1:127:A:CYS:H	1:128:A:LEU:HB2	6	0.23	0.09	0.21
(7,157)	1:127:A:CYS:H	1:128:A:LEU:HB2	6	0.23	0.09	0.21
(18,158)	1:127:A:CYS:H	1:128:A:LEU:HB2	6	0.23	0.09	0.21
(30,158)	1:127:A:CYS:H	1:128:A:LEU:HB2	6	0.23	0.09	0.21
(32,152)	1:127:A:CYS:H	1:128:A:LEU:HB2	6	0.23	0.09	0.21
(33,155)	1:127:A:CYS:H	1:128:A:LEU:HB2	6	0.23	0.09	0.21
(34,161)	1:127:A:CYS:H	1:128:A:LEU:HB2	6	0.23	0.09	0.21
(2,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	6	0.22	0.08	0.21
(2,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	6	0.22	0.08	0.21
(2,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	6	0.22	0.08	0.21
(2,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	6	0.22	0.08	0.21
(2,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	6	0.22	0.08	0.21
(2,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	6	0.22	0.08	0.21
(2,2347)	1:107:A:LEU:HA	1:108:A:GLU:HG2	6	0.22	0.05	0.23
(2,2347)	1:107:A:LEU:HA	1:108:A:GLU:HG3	6	0.22	0.05	0.23
(3,796)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	6	0.22	0.08	0.21
(3,796)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	6	0.22	0.08	0.21
(3,796)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	6	0.22	0.08	0.21
(3,796)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	6	0.22	0.08	0.21
(3,796)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	6	0.22	0.08	0.21
(3,796)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	6	0.22	0.08	0.21
(7,2313)	1:107:A:LEU:HA	1:108:A:GLU:HG2	6	0.22	0.05	0.23
(7,2313)	1:107:A:LEU:HA	1:108:A:GLU:HG3	6	0.22	0.05	0.23
(13,2305)	1:107:A:LEU:HA	1:108:A:GLU:HG2	6	0.22	0.05	0.23
(13,2305)	1:107:A:LEU:HA	1:108:A:GLU:HG3	6	0.22	0.05	0.23
(18,795)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	6	0.22	0.08	0.21
(18,795)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	6	0.22	0.08	0.21
(18,795)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	6	0.22	0.08	0.21
(18,795)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	6	0.22	0.08	0.21
(18,795)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	6	0.22	0.08	0.21
(18,795)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	6	0.22	0.08	0.21
(30,2098)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	6	0.22	0.08	0.2
(30,2098)	1:37:A:LEU:HD11	1:41:A:LYS:HG3	6	0.22	0.08	0.2
(30,2098)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	6	0.22	0.08	0.2
(30,2098)	1:37:A:LEU:HD12	1:41:A:LYS:HG3	6	0.22	0.08	0.2
(30,2098)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	6	0.22	0.08	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,2098)	1:37:A:LEU:HD13	1:41:A:LYS:HG3	6	0.22	0.08	0.2
(30,2339)	1:107:A:LEU:HA	1:108:A:GLU:HG2	6	0.22	0.05	0.23
(30,2339)	1:107:A:LEU:HA	1:108:A:GLU:HG3	6	0.22	0.05	0.23
(33,782)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	6	0.22	0.08	0.21
(33,782)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	6	0.22	0.08	0.21
(33,782)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	6	0.22	0.08	0.21
(33,782)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	6	0.22	0.08	0.21
(33,782)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	6	0.22	0.08	0.21
(33,782)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	6	0.22	0.08	0.21
(34,2330)	1:107:A:LEU:HA	1:108:A:GLU:HG2	6	0.22	0.05	0.23
(34,2330)	1:107:A:LEU:HA	1:108:A:GLU:HG3	6	0.22	0.05	0.23
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD11	6	0.22	0.09	0.2
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD12	6	0.22	0.09	0.2
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD13	6	0.22	0.09	0.2
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD21	6	0.22	0.09	0.2
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD22	6	0.22	0.09	0.2
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD23	6	0.22	0.09	0.2
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD11	6	0.22	0.09	0.2
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD12	6	0.22	0.09	0.2
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD13	6	0.22	0.09	0.2
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD21	6	0.22	0.09	0.2
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD22	6	0.22	0.09	0.2
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD23	6	0.22	0.09	0.2
(11,2225)	1:64:A:LYS:H	1:116:A:GLN:HE21	6	0.22	0.09	0.19
(11,2225)	1:64:A:LYS:H	1:116:A:GLN:HE22	6	0.22	0.09	0.19
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD11	6	0.22	0.09	0.2
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD12	6	0.22	0.09	0.2
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD13	6	0.22	0.09	0.2
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD21	6	0.22	0.09	0.2
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD22	6	0.22	0.09	0.2
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD23	6	0.22	0.09	0.2
(34,2217)	1:64:A:LYS:H	1:116:A:GLN:HE21	6	0.22	0.09	0.19
(34,2217)	1:64:A:LYS:H	1:116:A:GLN:HE22	6	0.22	0.09	0.19
(4,1065)	1:48:A:ARG:HG2	1:49:A:LYS:HA	6	0.21	0.04	0.22
(4,1065)	1:48:A:ARG:HG3	1:49:A:LYS:HA	6	0.21	0.04	0.22
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD11	6	0.21	0.09	0.18
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD12	6	0.21	0.09	0.18
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD13	6	0.21	0.09	0.18
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD21	6	0.21	0.09	0.18
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD22	6	0.21	0.09	0.18
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD23	6	0.21	0.09	0.18
(1,1263)	1:23:A:LEU:HD11	1:25:A:ALA:H	6	0.2	0.12	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1263)	1:23:A:LEU:HD12	1:25:A:ALA:H	6	0.2	0.12	0.16
(1,1263)	1:23:A:LEU:HD13	1:25:A:ALA:H	6	0.2	0.12	0.16
(29,1922)	1:151:A:PHE:H	1:151:A:PHE:HD1	6	0.2	0.07	0.2
(29,1922)	1:151:A:PHE:H	1:151:A:PHE:HD2	6	0.2	0.07	0.2
(6,1598)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	6	0.2	0.1	0.16
(6,1598)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	6	0.2	0.1	0.16
(6,1598)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	6	0.2	0.1	0.16
(9,1591)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	6	0.2	0.1	0.16
(9,1591)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	6	0.2	0.1	0.16
(9,1591)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	6	0.2	0.1	0.16
(1,2101)	1:39:A:VAL:HG11	1:41:A:LYS:H	6	0.2	0.05	0.2
(1,2101)	1:39:A:VAL:HG12	1:41:A:LYS:H	6	0.2	0.05	0.2
(1,2101)	1:39:A:VAL:HG13	1:41:A:LYS:H	6	0.2	0.05	0.2
(1,2101)	1:39:A:VAL:HG21	1:41:A:LYS:H	6	0.2	0.05	0.2
(1,2101)	1:39:A:VAL:HG22	1:41:A:LYS:H	6	0.2	0.05	0.2
(1,2101)	1:39:A:VAL:HG23	1:41:A:LYS:H	6	0.2	0.05	0.2
(1,1575)	1:110:A:MET:HB2	1:114:A:ILE:HD11	6	0.19	0.03	0.18
(1,1575)	1:110:A:MET:HB2	1:114:A:ILE:HD12	6	0.19	0.03	0.18
(1,1575)	1:110:A:MET:HB2	1:114:A:ILE:HD13	6	0.19	0.03	0.18
(11,1203)	1:23:A:LEU:HA	1:23:A:LEU:HD21	6	0.18	0.05	0.18
(11,1203)	1:23:A:LEU:HA	1:23:A:LEU:HD22	6	0.18	0.05	0.18
(11,1203)	1:23:A:LEU:HA	1:23:A:LEU:HD23	6	0.18	0.05	0.18
(34,1574)	1:123:A:CYS:H	1:128:A:LEU:HD11	6	0.18	0.03	0.18
(34,1574)	1:123:A:CYS:H	1:128:A:LEU:HD12	6	0.18	0.03	0.18
(34,1574)	1:123:A:CYS:H	1:128:A:LEU:HD13	6	0.18	0.03	0.18
(7,2454)	1:141:A:LYS:HA	1:145:A:PRO:HD2	6	0.18	0.05	0.16
(7,2454)	1:141:A:LYS:HA	1:145:A:PRO:HD3	6	0.18	0.05	0.16
(16,2466)	1:141:A:LYS:HA	1:145:A:PRO:HD2	6	0.18	0.05	0.16
(16,2466)	1:141:A:LYS:HA	1:145:A:PRO:HD3	6	0.18	0.05	0.16
(16,2495)	1:151:A:PHE:H	1:151:A:PHE:HB2	6	0.18	0.05	0.18
(16,2495)	1:151:A:PHE:H	1:151:A:PHE:HB3	6	0.18	0.05	0.18
(33,1586)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	6	0.18	0.05	0.17
(33,1586)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	6	0.18	0.05	0.17
(33,1586)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	6	0.18	0.05	0.17
(5,1364)	1:125:A:THR:HG21	1:128:A:LEU:HB2	6	0.17	0.03	0.18
(5,1364)	1:125:A:THR:HG22	1:128:A:LEU:HB2	6	0.17	0.03	0.18
(5,1364)	1:125:A:THR:HG23	1:128:A:LEU:HB2	6	0.17	0.03	0.18
(7,1325)	1:125:A:THR:HG21	1:128:A:LEU:HB2	6	0.17	0.03	0.18
(7,1325)	1:125:A:THR:HG22	1:128:A:LEU:HB2	6	0.17	0.03	0.18
(7,1325)	1:125:A:THR:HG23	1:128:A:LEU:HB2	6	0.17	0.03	0.18
(11,1368)	1:125:A:THR:HG21	1:128:A:LEU:HB2	6	0.17	0.03	0.18
(11,1368)	1:125:A:THR:HG22	1:128:A:LEU:HB2	6	0.17	0.03	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,1368)	1:125:A:THR:HG23	1:128:A:LEU:HB2	6	0.17	0.03	0.18
(15,1345)	1:125:A:THR:HG21	1:128:A:LEU:HB2	6	0.17	0.03	0.18
(15,1345)	1:125:A:THR:HG22	1:128:A:LEU:HB2	6	0.17	0.03	0.18
(15,1345)	1:125:A:THR:HG23	1:128:A:LEU:HB2	6	0.17	0.03	0.18
(17,1358)	1:125:A:THR:HG21	1:128:A:LEU:HB2	6	0.17	0.03	0.18
(17,1358)	1:125:A:THR:HG22	1:128:A:LEU:HB2	6	0.17	0.03	0.18
(17,1358)	1:125:A:THR:HG23	1:128:A:LEU:HB2	6	0.17	0.03	0.18
(30,1340)	1:125:A:THR:HG21	1:128:A:LEU:HB2	6	0.17	0.03	0.18
(30,1340)	1:125:A:THR:HG22	1:128:A:LEU:HB2	6	0.17	0.03	0.18
(30,1340)	1:125:A:THR:HG23	1:128:A:LEU:HB2	6	0.17	0.03	0.18
(32,1314)	1:125:A:THR:HG21	1:128:A:LEU:HB2	6	0.17	0.03	0.18
(32,1314)	1:125:A:THR:HG22	1:128:A:LEU:HB2	6	0.17	0.03	0.18
(32,1314)	1:125:A:THR:HG23	1:128:A:LEU:HB2	6	0.17	0.03	0.18
(33,1346)	1:125:A:THR:HG21	1:128:A:LEU:HB2	6	0.17	0.03	0.18
(33,1346)	1:125:A:THR:HG22	1:128:A:LEU:HB2	6	0.17	0.03	0.18
(33,1346)	1:125:A:THR:HG23	1:128:A:LEU:HB2	6	0.17	0.03	0.18
(6,574)	1:127:A:CYS:HB2	1:130:A:GLY:H	6	0.17	0.02	0.18
(9,579)	1:127:A:CYS:HB2	1:130:A:GLY:H	6	0.17	0.02	0.18
(11,581)	1:127:A:CYS:HB2	1:130:A:GLY:H	6	0.17	0.02	0.18
(16,585)	1:127:A:CYS:HB2	1:130:A:GLY:H	6	0.17	0.02	0.18
(33,578)	1:127:A:CYS:HB2	1:130:A:GLY:H	6	0.17	0.02	0.18
(9,1073)	1:38:A:GLU:HA	1:41:A:LYS:H	6	0.16	0.02	0.16
(18,1089)	1:38:A:GLU:HA	1:41:A:LYS:H	6	0.16	0.02	0.16
(2,779)	1:11:A:ILE:HA	1:11:A:ILE:HD11	6	0.16	0.03	0.16
(2,779)	1:11:A:ILE:HA	1:11:A:ILE:HD12	6	0.16	0.03	0.16
(2,779)	1:11:A:ILE:HA	1:11:A:ILE:HD13	6	0.16	0.03	0.16
(11,781)	1:11:A:ILE:HA	1:11:A:ILE:HD11	6	0.16	0.03	0.16
(11,781)	1:11:A:ILE:HA	1:11:A:ILE:HD12	6	0.16	0.03	0.16
(11,781)	1:11:A:ILE:HA	1:11:A:ILE:HD13	6	0.16	0.03	0.16
(16,1466)	1:45:A:ALA:HB1	1:47:A:ALA:H	6	0.16	0.04	0.15
(16,1466)	1:45:A:ALA:HB2	1:47:A:ALA:H	6	0.16	0.04	0.15
(16,1466)	1:45:A:ALA:HB3	1:47:A:ALA:H	6	0.16	0.04	0.15
(33,783)	1:11:A:ILE:HA	1:11:A:ILE:HD11	6	0.16	0.03	0.16
(33,783)	1:11:A:ILE:HA	1:11:A:ILE:HD12	6	0.16	0.03	0.16
(33,783)	1:11:A:ILE:HA	1:11:A:ILE:HD13	6	0.16	0.03	0.16
(11,932)	1:81:A:GLU:HA	1:81:A:GLU:HG2	6	0.15	0.01	0.14
(11,932)	1:81:A:GLU:HA	1:81:A:GLU:HG3	6	0.15	0.01	0.14
(16,940)	1:81:A:GLU:HA	1:81:A:GLU:HG2	6	0.14	0.01	0.13
(16,940)	1:81:A:GLU:HA	1:81:A:GLU:HG3	6	0.14	0.01	0.13
(6,1069)	1:108:A:GLU:HB2	1:109:A:PRO:HD3	6	0.14	0.02	0.13
(9,1083)	1:108:A:GLU:HB2	1:109:A:PRO:HD3	6	0.14	0.02	0.13
(11,1093)	1:108:A:GLU:HB2	1:109:A:PRO:HD3	6	0.14	0.02	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,1098)	1:108:A:GLU:HB2	1:109:A:PRO:HD3	6	0.14	0.02	0.13
(17,935)	1:81:A:GLU:HA	1:81:A:GLU:HG2	6	0.13	0.01	0.12
(17,935)	1:81:A:GLU:HA	1:81:A:GLU:HG3	6	0.13	0.01	0.12
(5,54)	1:24:A:ASP:HB2	1:25:A:ALA:H	6	0.12	0.01	0.12
(5,54)	1:24:A:ASP:HB3	1:25:A:ALA:H	6	0.12	0.01	0.12
(16,57)	1:24:A:ASP:HB2	1:25:A:ALA:H	6	0.12	0.01	0.12
(16,57)	1:24:A:ASP:HB3	1:25:A:ALA:H	6	0.12	0.01	0.12
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD11	5	2.3	0.4	2.29
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD12	5	2.3	0.4	2.29
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD13	5	2.3	0.4	2.29
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD21	5	2.3	0.4	2.29
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD22	5	2.3	0.4	2.29
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD23	5	2.3	0.4	2.29
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD11	5	2.26	0.4	2.25
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD12	5	2.26	0.4	2.25
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD13	5	2.26	0.4	2.25
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD21	5	2.26	0.4	2.25
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD22	5	2.26	0.4	2.25
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD23	5	2.26	0.4	2.25
(4,1325)	1:17:A:ASN:HA	1:76:A:ARG:HA	5	1.96	1.5	1.78
(9,707)	1:44:A:GLU:HB2	1:48:A:ARG:HE	5	1.92	1.02	1.66
(9,707)	1:44:A:GLU:HB3	1:48:A:ARG:HE	5	1.92	1.02	1.66
(4,1839)	1:18:A:PHE:HA	1:113:A:PHE:HE1	5	1.86	1.49	1.06
(4,1839)	1:18:A:PHE:HA	1:113:A:PHE:HE2	5	1.86	1.49	1.06
(6,1437)	1:31:A:PRO:HD3	1:144:A:LEU:HA	5	1.85	1.18	1.28
(13,1412)	1:31:A:PRO:HD3	1:144:A:LEU:HA	5	1.85	1.18	1.28
(33,1439)	1:31:A:PRO:HD3	1:144:A:LEU:HA	5	1.85	1.18	1.28
(3,720)	1:44:A:GLU:HB2	1:48:A:ARG:HE	5	1.83	1.02	1.57
(3,720)	1:44:A:GLU:HB3	1:48:A:ARG:HE	5	1.83	1.02	1.57
(30,1865)	1:18:A:PHE:HA	1:113:A:PHE:HE1	5	1.77	1.49	0.97
(30,1865)	1:18:A:PHE:HA	1:113:A:PHE:HE2	5	1.77	1.49	0.97
(2,2038)	1:17:A:ASN:HB2	1:76:A:ARG:HA	5	1.66	1.04	1.6
(2,2038)	1:17:A:ASN:HB3	1:76:A:ARG:HA	5	1.66	1.04	1.6
(4,2006)	1:17:A:ASN:HB2	1:76:A:ARG:HA	5	1.66	1.04	1.6
(4,2006)	1:17:A:ASN:HB3	1:76:A:ARG:HA	5	1.66	1.04	1.6
(15,1988)	1:17:A:ASN:HB2	1:76:A:ARG:HA	5	1.66	1.04	1.6
(15,1988)	1:17:A:ASN:HB3	1:76:A:ARG:HA	5	1.66	1.04	1.6
(34,2018)	1:17:A:ASN:HB2	1:76:A:ARG:HA	5	1.66	1.04	1.6
(34,2018)	1:17:A:ASN:HB3	1:76:A:ARG:HA	5	1.66	1.04	1.6
(13,1823)	1:18:A:PHE:HA	1:113:A:PHE:HE1	5	1.65	1.49	0.85
(13,1823)	1:18:A:PHE:HA	1:113:A:PHE:HE2	5	1.65	1.49	0.85
(11,1025)	1:34:A:LYS:H	1:81:A:GLU:HB2	5	1.51	1.55	1.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,1019)	1:34:A:LYS:H	1:81:A:GLU:HB2	5	1.51	1.55	1.15
(29,1027)	1:34:A:LYS:H	1:81:A:GLU:HB2	5	1.51	1.55	1.15
(5,2048)	1:34:A:LYS:H	1:81:A:GLU:HB2	5	1.45	1.16	1.54
(5,2048)	1:34:A:LYS:H	1:81:A:GLU:HB3	5	1.45	1.16	1.54
(6,2064)	1:34:A:LYS:H	1:81:A:GLU:HB2	5	1.45	1.16	1.54
(6,2064)	1:34:A:LYS:H	1:81:A:GLU:HB3	5	1.45	1.16	1.54
(30,2063)	1:34:A:LYS:H	1:81:A:GLU:HB2	5	1.45	1.16	1.54
(30,2063)	1:34:A:LYS:H	1:81:A:GLU:HB3	5	1.45	1.16	1.54
(1,1118)	1:18:A:PHE:HA	1:113:A:PHE:HZ	5	1.44	1.2	1.03
(13,1084)	1:18:A:PHE:HA	1:113:A:PHE:HZ	5	1.44	1.2	1.03
(11,2076)	1:34:A:LYS:H	1:81:A:GLU:HB2	5	1.42	1.16	1.51
(11,2076)	1:34:A:LYS:H	1:81:A:GLU:HB3	5	1.42	1.16	1.51
(4,1322)	1:105:A:LYS:HD2	1:106:A:ASP:HA	5	1.38	0.21	1.32
(4,1322)	1:105:A:LYS:HD3	1:106:A:ASP:HA	5	1.38	0.21	1.32
(13,1324)	1:141:A:LYS:HB2	1:149:A:ALA:HA	5	1.35	0.79	1.14
(13,1324)	1:141:A:LYS:HB3	1:149:A:ALA:HA	5	1.35	0.79	1.14
(13,745)	1:32:A:GLY:HA2	1:34:A:LYS:H	5	1.34	0.45	1.29
(9,1180)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	5	1.3	0.53	0.97
(9,1180)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	5	1.3	0.53	0.97
(9,1180)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	5	1.3	0.53	0.97
(17,1188)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	5	1.3	0.53	0.97
(17,1188)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	5	1.3	0.53	0.97
(17,1188)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	5	1.3	0.53	0.97
(9,748)	1:103:A:ARG:HE	1:107:A:LEU:HD11	5	1.29	0.32	1.44
(9,748)	1:103:A:ARG:HE	1:107:A:LEU:HD12	5	1.29	0.32	1.44
(9,748)	1:103:A:ARG:HE	1:107:A:LEU:HD13	5	1.29	0.32	1.44
(2,2141)	1:40:A:LEU:HD11	1:41:A:LYS:HA	5	1.28	0.05	1.28
(2,2141)	1:40:A:LEU:HD12	1:41:A:LYS:HA	5	1.28	0.05	1.28
(2,2141)	1:40:A:LEU:HD13	1:41:A:LYS:HA	5	1.28	0.05	1.28
(2,2141)	1:40:A:LEU:HD21	1:41:A:LYS:HA	5	1.28	0.05	1.28
(2,2141)	1:40:A:LEU:HD22	1:41:A:LYS:HA	5	1.28	0.05	1.28
(2,2141)	1:40:A:LEU:HD23	1:41:A:LYS:HA	5	1.28	0.05	1.28
(30,2142)	1:40:A:LEU:HD11	1:41:A:LYS:HA	5	1.27	0.05	1.27
(30,2142)	1:40:A:LEU:HD12	1:41:A:LYS:HA	5	1.27	0.05	1.27
(30,2142)	1:40:A:LEU:HD13	1:41:A:LYS:HA	5	1.27	0.05	1.27
(30,2142)	1:40:A:LEU:HD21	1:41:A:LYS:HA	5	1.27	0.05	1.27
(30,2142)	1:40:A:LEU:HD22	1:41:A:LYS:HA	5	1.27	0.05	1.27
(30,2142)	1:40:A:LEU:HD23	1:41:A:LYS:HA	5	1.27	0.05	1.27
(5,712)	1:44:A:GLU:HB2	1:48:A:ARG:HE	5	1.26	1.02	1.0
(5,712)	1:44:A:GLU:HB3	1:48:A:ARG:HE	5	1.26	1.02	1.0
(11,713)	1:44:A:GLU:HB2	1:48:A:ARG:HE	5	1.26	1.02	1.0
(11,713)	1:44:A:GLU:HB3	1:48:A:ARG:HE	5	1.26	1.02	1.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,725)	1:44:A:GLU:HB2	1:48:A:ARG:HE	5	1.26	1.02	1.0
(18,725)	1:44:A:GLU:HB3	1:48:A:ARG:HE	5	1.26	1.02	1.0
(29,1074)	1:110:A:MET:HG2	1:114:A:ILE:HG13	5	1.26	0.35	1.4
(29,1074)	1:110:A:MET:HG3	1:114:A:ILE:HG13	5	1.26	0.35	1.4
(30,1048)	1:110:A:MET:HG2	1:114:A:ILE:HG13	5	1.26	0.35	1.4
(30,1048)	1:110:A:MET:HG3	1:114:A:ILE:HG13	5	1.26	0.35	1.4
(32,693)	1:44:A:GLU:HB2	1:48:A:ARG:HE	5	1.26	1.02	1.0
(32,693)	1:44:A:GLU:HB3	1:48:A:ARG:HE	5	1.26	1.02	1.0
(33,711)	1:44:A:GLU:HB2	1:48:A:ARG:HE	5	1.26	1.02	1.0
(33,711)	1:44:A:GLU:HB3	1:48:A:ARG:HE	5	1.26	1.02	1.0
(33,2133)	1:40:A:LEU:HD11	1:41:A:LYS:HA	5	1.24	0.05	1.24
(33,2133)	1:40:A:LEU:HD12	1:41:A:LYS:HA	5	1.24	0.05	1.24
(33,2133)	1:40:A:LEU:HD13	1:41:A:LYS:HA	5	1.24	0.05	1.24
(33,2133)	1:40:A:LEU:HD21	1:41:A:LYS:HA	5	1.24	0.05	1.24
(33,2133)	1:40:A:LEU:HD22	1:41:A:LYS:HA	5	1.24	0.05	1.24
(33,2133)	1:40:A:LEU:HD23	1:41:A:LYS:HA	5	1.24	0.05	1.24
(4,921)	1:34:A:LYS:H	1:81:A:GLU:HG2	5	1.17	1.36	0.53
(4,921)	1:34:A:LYS:H	1:81:A:GLU:HG3	5	1.17	1.36	0.53
(11,930)	1:34:A:LYS:H	1:81:A:GLU:HG2	5	1.17	1.36	0.53
(11,930)	1:34:A:LYS:H	1:81:A:GLU:HG3	5	1.17	1.36	0.53
(16,939)	1:34:A:LYS:H	1:81:A:GLU:HG2	5	1.17	1.36	0.53
(16,939)	1:34:A:LYS:H	1:81:A:GLU:HG3	5	1.17	1.36	0.53
(29,936)	1:34:A:LYS:H	1:81:A:GLU:HG2	5	1.17	1.36	0.53
(29,936)	1:34:A:LYS:H	1:81:A:GLU:HG3	5	1.17	1.36	0.53
(34,945)	1:34:A:LYS:H	1:81:A:GLU:HG2	5	1.17	1.36	0.53
(34,945)	1:34:A:LYS:H	1:81:A:GLU:HG3	5	1.17	1.36	0.53
(7,973)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	5	1.15	1.13	0.85
(7,973)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	5	1.15	1.13	0.85
(17,2145)	1:40:A:LEU:HD11	1:41:A:LYS:HA	5	1.15	0.05	1.15
(17,2145)	1:40:A:LEU:HD12	1:41:A:LYS:HA	5	1.15	0.05	1.15
(17,2145)	1:40:A:LEU:HD13	1:41:A:LYS:HA	5	1.15	0.05	1.15
(17,2145)	1:40:A:LEU:HD21	1:41:A:LYS:HA	5	1.15	0.05	1.15
(17,2145)	1:40:A:LEU:HD22	1:41:A:LYS:HA	5	1.15	0.05	1.15
(17,2145)	1:40:A:LEU:HD23	1:41:A:LYS:HA	5	1.15	0.05	1.15
(4,1786)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	5	1.13	0.92	0.54
(4,1786)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	5	1.13	0.92	0.54
(5,1833)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	5	1.13	0.92	0.54
(5,1833)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	5	1.13	0.92	0.54
(6,1811)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	5	1.13	0.92	0.54
(6,1811)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	5	1.13	0.92	0.54
(30,1807)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	5	1.13	0.92	0.54
(30,1807)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	5	1.13	0.92	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,995)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	5	1.13	1.13	0.83
(17,995)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	5	1.13	1.13	0.83
(9,1800)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	5	1.12	0.92	0.53
(9,1800)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	5	1.12	0.92	0.53
(9,2110)	1:40:A:LEU:HD11	1:41:A:LYS:HA	5	1.12	0.05	1.12
(9,2110)	1:40:A:LEU:HD12	1:41:A:LYS:HA	5	1.12	0.05	1.12
(9,2110)	1:40:A:LEU:HD13	1:41:A:LYS:HA	5	1.12	0.05	1.12
(9,2110)	1:40:A:LEU:HD21	1:41:A:LYS:HA	5	1.12	0.05	1.12
(9,2110)	1:40:A:LEU:HD22	1:41:A:LYS:HA	5	1.12	0.05	1.12
(9,2110)	1:40:A:LEU:HD23	1:41:A:LYS:HA	5	1.12	0.05	1.12
(1,1563)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	5	1.11	1.15	0.75
(1,1563)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	5	1.11	1.15	0.75
(1,1563)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	5	1.11	1.15	0.75
(1,1563)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	5	1.11	1.15	0.75
(1,1563)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	5	1.11	1.15	0.75
(1,1563)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	5	1.11	1.15	0.75
(5,1562)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	5	1.11	1.15	0.75
(5,1562)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	5	1.11	1.15	0.75
(5,1562)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	5	1.11	1.15	0.75
(5,1562)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	5	1.11	1.15	0.75
(5,1562)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	5	1.11	1.15	0.75
(5,1562)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	5	1.11	1.15	0.75
(6,1121)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	5	1.11	1.15	0.75
(6,1121)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	5	1.11	1.15	0.75
(6,1121)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	5	1.11	1.15	0.75
(6,1121)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	5	1.11	1.15	0.75
(6,1121)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	5	1.11	1.15	0.75
(6,1121)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	5	1.11	1.15	0.75
(11,1145)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	5	1.11	1.15	0.75
(11,1145)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	5	1.11	1.15	0.75
(11,1145)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	5	1.11	1.15	0.75
(11,1145)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	5	1.11	1.15	0.75
(11,1145)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	5	1.11	1.15	0.75
(11,1145)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	5	1.11	1.15	0.75
(13,1109)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	5	1.11	1.15	0.75
(13,1109)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	5	1.11	1.15	0.75
(13,1109)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	5	1.11	1.15	0.75
(13,1109)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	5	1.11	1.15	0.75
(13,1109)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	5	1.11	1.15	0.75
(13,1109)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	5	1.11	1.15	0.75
(18,1539)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	5	1.11	1.15	0.75
(18,1539)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	5	1.11	1.15	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,1539)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	5	1.11	1.15	0.75
(18,1539)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	5	1.11	1.15	0.75
(18,1539)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	5	1.11	1.15	0.75
(18,1539)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	5	1.11	1.15	0.75
(33,1540)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	5	1.11	1.15	0.75
(33,1540)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	5	1.11	1.15	0.75
(33,1540)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	5	1.11	1.15	0.75
(33,1540)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	5	1.11	1.15	0.75
(33,1540)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	5	1.11	1.15	0.75
(33,1540)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	5	1.11	1.15	0.75
(34,1161)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	5	1.11	1.15	0.75
(34,1161)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	5	1.11	1.15	0.75
(34,1161)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	5	1.11	1.15	0.75
(34,1161)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	5	1.11	1.15	0.75
(34,1161)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	5	1.11	1.15	0.75
(34,1161)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	5	1.11	1.15	0.75
(2,1052)	1:110:A:MET:HG2	1:114:A:ILE:HG13	5	1.1	0.35	1.24
(2,1052)	1:110:A:MET:HG3	1:114:A:ILE:HG13	5	1.1	0.35	1.24
(3,1075)	1:110:A:MET:HG2	1:114:A:ILE:HG13	5	1.1	0.35	1.24
(3,1075)	1:110:A:MET:HG3	1:114:A:ILE:HG13	5	1.1	0.35	1.24
(4,1040)	1:110:A:MET:HG2	1:114:A:ILE:HG13	5	1.1	0.35	1.24
(4,1040)	1:110:A:MET:HG3	1:114:A:ILE:HG13	5	1.1	0.35	1.24
(11,1069)	1:110:A:MET:HG2	1:114:A:ILE:HG13	5	1.1	0.35	1.24
(11,1069)	1:110:A:MET:HG3	1:114:A:ILE:HG13	5	1.1	0.35	1.24
(32,1027)	1:110:A:MET:HG2	1:114:A:ILE:HG13	5	1.1	0.35	1.24
(32,1027)	1:110:A:MET:HG3	1:114:A:ILE:HG13	5	1.1	0.35	1.24
(34,1086)	1:110:A:MET:HG2	1:114:A:ILE:HG13	5	1.1	0.35	1.24
(34,1086)	1:110:A:MET:HG3	1:114:A:ILE:HG13	5	1.1	0.35	1.24
(5,2122)	1:40:A:LEU:HD11	1:41:A:LYS:HA	5	1.08	0.05	1.08
(5,2122)	1:40:A:LEU:HD12	1:41:A:LYS:HA	5	1.08	0.05	1.08
(5,2122)	1:40:A:LEU:HD13	1:41:A:LYS:HA	5	1.08	0.05	1.08
(5,2122)	1:40:A:LEU:HD21	1:41:A:LYS:HA	5	1.08	0.05	1.08
(5,2122)	1:40:A:LEU:HD22	1:41:A:LYS:HA	5	1.08	0.05	1.08
(5,2122)	1:40:A:LEU:HD23	1:41:A:LYS:HA	5	1.08	0.05	1.08
(7,1183)	1:13:A:ALA:H	1:40:A:LEU:HD21	5	1.05	0.45	0.96
(7,1183)	1:13:A:ALA:H	1:40:A:LEU:HD22	5	1.05	0.45	0.96
(7,1183)	1:13:A:ALA:H	1:40:A:LEU:HD23	5	1.05	0.45	0.96
(7,1333)	1:141:A:LYS:HB2	1:149:A:ALA:HA	5	1.03	0.79	0.82
(7,1333)	1:141:A:LYS:HB3	1:149:A:ALA:HA	5	1.03	0.79	0.82
(13,1587)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	5	1.03	1.2	0.44
(13,1587)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	5	1.03	1.2	0.44
(13,1587)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	5	1.03	1.2	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,1603)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	5	1.03	1.2	0.44
(18,1603)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	5	1.03	1.2	0.44
(18,1603)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	5	1.03	1.2	0.44
(34,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	5	1.03	1.2	0.44
(34,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	5	1.03	1.2	0.44
(34,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	5	1.03	1.2	0.44
(11,1474)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	5	1.03	0.65	1.17
(11,1474)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	5	1.03	0.65	1.17
(11,1474)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	5	1.03	0.65	1.17
(3,572)	1:98:A:ILE:HG13	1:116:A:GLN:H	5	1.02	0.67	1.45
(11,262)	1:27:A:ARG:HB3	1:29:A:LYS:H	5	1.01	0.22	0.93
(15,1244)	1:12:A:VAL:H	1:40:A:LEU:HD11	5	1.01	0.48	0.98
(15,1244)	1:12:A:VAL:H	1:40:A:LEU:HD12	5	1.01	0.48	0.98
(15,1244)	1:12:A:VAL:H	1:40:A:LEU:HD13	5	1.01	0.48	0.98
(1,1369)	1:12:A:VAL:HG21	1:43:A:MET:HG3	5	1.0	0.36	1.07
(1,1369)	1:12:A:VAL:HG22	1:43:A:MET:HG3	5	1.0	0.36	1.07
(1,1369)	1:12:A:VAL:HG23	1:43:A:MET:HG3	5	1.0	0.36	1.07
(6,1616)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	5	0.99	1.2	0.4
(6,1616)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	5	0.99	1.2	0.4
(6,1616)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	5	0.99	1.2	0.4
(32,2043)	1:32:A:GLY:HA2	1:34:A:LYS:H	5	0.99	0.37	1.03
(32,2043)	1:32:A:GLY:HA3	1:34:A:LYS:H	5	0.99	0.37	1.03
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG11	5	0.98	0.68	0.98
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG12	5	0.98	0.68	0.98
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG13	5	0.98	0.68	0.98
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG21	5	0.98	0.68	0.98
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG22	5	0.98	0.68	0.98
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG23	5	0.98	0.68	0.98
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG11	5	0.98	0.68	0.98
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG12	5	0.98	0.68	0.98
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG13	5	0.98	0.68	0.98
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG21	5	0.98	0.68	0.98
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG22	5	0.98	0.68	0.98
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG23	5	0.98	0.68	0.98
(4,565)	1:11:A:ILE:HD11	1:16:A:SER:H	5	0.98	0.46	0.98
(4,565)	1:11:A:ILE:HD12	1:16:A:SER:H	5	0.98	0.46	0.98
(4,565)	1:11:A:ILE:HD13	1:16:A:SER:H	5	0.98	0.46	0.98
(15,582)	1:11:A:ILE:HD11	1:16:A:SER:H	5	0.98	0.46	0.98
(15,582)	1:11:A:ILE:HD12	1:16:A:SER:H	5	0.98	0.46	0.98
(15,582)	1:11:A:ILE:HD13	1:16:A:SER:H	5	0.98	0.46	0.98
(29,579)	1:11:A:ILE:HD11	1:16:A:SER:H	5	0.98	0.46	0.98
(29,579)	1:11:A:ILE:HD12	1:16:A:SER:H	5	0.98	0.46	0.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,579)	1:11:A:ILE:HD13	1:16:A:SER:H	5	0.98	0.46	0.98
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD11	5	0.97	0.79	0.44
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD12	5	0.97	0.79	0.44
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD13	5	0.97	0.79	0.44
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD21	5	0.97	0.79	0.44
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD22	5	0.97	0.79	0.44
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD23	5	0.97	0.79	0.44
(1,2269)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	5	0.92	0.31	1.02
(1,2269)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	5	0.92	0.31	1.02
(1,2269)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	5	0.92	0.31	1.02
(1,2269)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	5	0.92	0.31	1.02
(1,2269)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	5	0.92	0.31	1.02
(1,2269)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	5	0.92	0.31	1.02
(1,2269)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	5	0.92	0.31	1.02
(1,2269)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	5	0.92	0.31	1.02
(1,2269)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	5	0.92	0.31	1.02
(1,2269)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	5	0.92	0.31	1.02
(1,2269)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	5	0.92	0.31	1.02
(1,2269)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	5	0.92	0.31	1.02
(1,1842)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	5	0.91	0.9	0.25
(3,1859)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	5	0.91	0.9	0.25
(6,1834)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	5	0.91	0.9	0.25
(9,1821)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	5	0.91	0.9	0.25
(17,1846)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	5	0.91	0.9	0.25
(29,1847)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	5	0.91	0.9	0.25
(34,1841)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	5	0.91	0.9	0.25
(2,436)	1:143:A:TRP:H	1:144:A:LEU:HD21	5	0.91	0.58	1.35
(2,436)	1:143:A:TRP:H	1:144:A:LEU:HD22	5	0.91	0.58	1.35
(2,436)	1:143:A:TRP:H	1:144:A:LEU:HD23	5	0.91	0.58	1.35
(3,441)	1:143:A:TRP:H	1:144:A:LEU:HD21	5	0.91	0.58	1.35
(3,441)	1:143:A:TRP:H	1:144:A:LEU:HD22	5	0.91	0.58	1.35
(3,441)	1:143:A:TRP:H	1:144:A:LEU:HD23	5	0.91	0.58	1.35
(4,429)	1:143:A:TRP:H	1:144:A:LEU:HD21	5	0.91	0.58	1.35
(4,429)	1:143:A:TRP:H	1:144:A:LEU:HD22	5	0.91	0.58	1.35
(4,429)	1:143:A:TRP:H	1:144:A:LEU:HD23	5	0.91	0.58	1.35
(6,434)	1:143:A:TRP:H	1:144:A:LEU:HD21	5	0.91	0.58	1.35
(6,434)	1:143:A:TRP:H	1:144:A:LEU:HD22	5	0.91	0.58	1.35
(6,434)	1:143:A:TRP:H	1:144:A:LEU:HD23	5	0.91	0.58	1.35
(11,440)	1:143:A:TRP:H	1:144:A:LEU:HD21	5	0.91	0.58	1.35
(11,440)	1:143:A:TRP:H	1:144:A:LEU:HD22	5	0.91	0.58	1.35
(11,440)	1:143:A:TRP:H	1:144:A:LEU:HD23	5	0.91	0.58	1.35
(13,434)	1:143:A:TRP:H	1:144:A:LEU:HD21	5	0.91	0.58	1.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,434)	1:143:A:TRP:H	1:144:A:LEU:HD22	5	0.91	0.58	1.35
(13,434)	1:143:A:TRP:H	1:144:A:LEU:HD23	5	0.91	0.58	1.35
(30,441)	1:143:A:TRP:H	1:144:A:LEU:HD21	5	0.91	0.58	1.35
(30,441)	1:143:A:TRP:H	1:144:A:LEU:HD22	5	0.91	0.58	1.35
(30,441)	1:143:A:TRP:H	1:144:A:LEU:HD23	5	0.91	0.58	1.35
(34,444)	1:143:A:TRP:H	1:144:A:LEU:HD21	5	0.91	0.58	1.35
(34,444)	1:143:A:TRP:H	1:144:A:LEU:HD22	5	0.91	0.58	1.35
(34,444)	1:143:A:TRP:H	1:144:A:LEU:HD23	5	0.91	0.58	1.35
(30,1749)	1:140:A:LEU:HD11	1:144:A:LEU:H	5	0.91	0.51	0.95
(30,1749)	1:140:A:LEU:HD12	1:144:A:LEU:H	5	0.91	0.51	0.95
(30,1749)	1:140:A:LEU:HD13	1:144:A:LEU:H	5	0.91	0.51	0.95
(33,1171)	1:140:A:LEU:HD11	1:144:A:LEU:H	5	0.91	0.51	0.95
(33,1171)	1:140:A:LEU:HD12	1:144:A:LEU:H	5	0.91	0.51	0.95
(33,1171)	1:140:A:LEU:HD13	1:144:A:LEU:H	5	0.91	0.51	0.95
(5,1981)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	5	0.88	0.32	0.82
(5,1981)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	5	0.88	0.32	0.82
(5,1981)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	5	0.88	0.32	0.82
(5,1981)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	5	0.88	0.32	0.82
(5,1981)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	5	0.88	0.32	0.82
(5,1981)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	5	0.88	0.32	0.82
(13,2119)	1:46:A:ASN:HD21	1:137:A:SER:HA	5	0.88	0.62	0.88
(13,2119)	1:46:A:ASN:HD22	1:137:A:SER:HA	5	0.88	0.62	0.88
(34,2162)	1:46:A:ASN:HD21	1:137:A:SER:HA	5	0.88	0.62	0.88
(34,2162)	1:46:A:ASN:HD22	1:137:A:SER:HA	5	0.88	0.62	0.88
(6,855)	1:18:A:PHE:HZ	1:60:A:LEU:HB2	5	0.87	0.41	0.67
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	5	0.87	0.66	0.73
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	5	0.87	0.66	0.73
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	5	0.87	0.66	0.73
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	5	0.87	0.66	0.73
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	5	0.87	0.66	0.73
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	5	0.87	0.66	0.73
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	5	0.87	0.66	0.73
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	5	0.87	0.66	0.73
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	5	0.87	0.66	0.73
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	5	0.87	0.66	0.73
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	5	0.87	0.66	0.73
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	5	0.87	0.66	0.73
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	5	0.87	0.66	0.73
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	5	0.87	0.66	0.73
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	5	0.87	0.66	0.73
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	5	0.87	0.66	0.73
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	5	0.87	0.66	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	5	0.87	0.66	0.73
(34,2141)	1:40:A:LEU:HD11	1:44:A:GLU:HG2	5	0.87	0.56	0.54
(34,2141)	1:40:A:LEU:HD12	1:44:A:GLU:HG2	5	0.87	0.56	0.54
(34,2141)	1:40:A:LEU:HD13	1:44:A:GLU:HG2	5	0.87	0.56	0.54
(34,2141)	1:40:A:LEU:HD21	1:44:A:GLU:HG2	5	0.87	0.56	0.54
(34,2141)	1:40:A:LEU:HD22	1:44:A:GLU:HG2	5	0.87	0.56	0.54
(34,2141)	1:40:A:LEU:HD23	1:44:A:GLU:HG2	5	0.87	0.56	0.54
(1,862)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	5	0.86	0.86	0.31
(1,862)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	5	0.86	0.86	0.31
(1,862)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	5	0.86	0.86	0.31
(4,842)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	5	0.86	0.86	0.31
(4,842)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	5	0.86	0.86	0.31
(4,842)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	5	0.86	0.86	0.31
(6,837)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	5	0.86	0.86	0.31
(6,837)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	5	0.86	0.86	0.31
(6,837)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	5	0.86	0.86	0.31
(7,836)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	5	0.86	0.86	0.31
(7,836)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	5	0.86	0.86	0.31
(7,836)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	5	0.86	0.86	0.31
(18,853)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	5	0.86	0.86	0.31
(18,853)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	5	0.86	0.86	0.31
(18,853)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	5	0.86	0.86	0.31
(32,824)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	5	0.86	0.86	0.31
(32,824)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	5	0.86	0.86	0.31
(32,824)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	5	0.86	0.86	0.31
(18,2283)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	5	0.85	0.3	0.88
(18,2283)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	5	0.85	0.3	0.88
(18,2283)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	5	0.85	0.3	0.88
(18,2283)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	5	0.85	0.3	0.88
(18,2283)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	5	0.85	0.3	0.88
(18,2283)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	5	0.85	0.3	0.88
(18,2283)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	5	0.85	0.3	0.88
(18,2283)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	5	0.85	0.3	0.88
(18,2283)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	5	0.85	0.3	0.88
(18,2283)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	5	0.85	0.3	0.88
(18,2283)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	5	0.85	0.3	0.88
(18,2283)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	5	0.85	0.3	0.88
(17,2150)	1:40:A:LEU:HD11	1:44:A:GLU:HG2	5	0.85	0.56	0.52
(17,2150)	1:40:A:LEU:HD12	1:44:A:GLU:HG2	5	0.85	0.56	0.52
(17,2150)	1:40:A:LEU:HD13	1:44:A:GLU:HG2	5	0.85	0.56	0.52
(17,2150)	1:40:A:LEU:HD21	1:44:A:GLU:HG2	5	0.85	0.56	0.52
(17,2150)	1:40:A:LEU:HD22	1:44:A:GLU:HG2	5	0.85	0.56	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,2150)	1:40:A:LEU:HD23	1:44:A:GLU:HG2	5	0.85	0.56	0.52
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	5	0.84	0.68	0.36
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	5	0.84	0.68	0.36
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	5	0.84	0.68	0.36
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	5	0.84	0.68	0.36
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	5	0.84	0.68	0.36
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	5	0.84	0.68	0.36
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	5	0.84	0.68	0.36
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	5	0.84	0.68	0.36
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	5	0.84	0.68	0.36
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	5	0.84	0.68	0.36
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	5	0.84	0.68	0.36
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	5	0.84	0.68	0.36
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	5	0.84	0.68	0.36
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	5	0.84	0.68	0.36
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	5	0.84	0.68	0.36
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	5	0.84	0.68	0.36
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	5	0.84	0.68	0.36
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	5	0.84	0.68	0.36
(7,1047)	1:54:A:ARG:HA	1:58:A:ILE:HG13	5	0.84	0.42	1.08
(5,2003)	1:17:A:ASN:HB2	1:63:A:ILE:HD11	5	0.83	0.47	0.77
(5,2003)	1:17:A:ASN:HB2	1:63:A:ILE:HD12	5	0.83	0.47	0.77
(5,2003)	1:17:A:ASN:HB2	1:63:A:ILE:HD13	5	0.83	0.47	0.77
(5,2003)	1:17:A:ASN:HB3	1:63:A:ILE:HD11	5	0.83	0.47	0.77
(5,2003)	1:17:A:ASN:HB3	1:63:A:ILE:HD12	5	0.83	0.47	0.77
(5,2003)	1:17:A:ASN:HB3	1:63:A:ILE:HD13	5	0.83	0.47	0.77
(34,1997)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	5	0.82	0.4	0.7
(34,1997)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	5	0.82	0.4	0.7
(34,1997)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	5	0.82	0.4	0.7
(34,1997)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	5	0.82	0.4	0.7
(34,1997)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	5	0.82	0.4	0.7
(34,1997)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	5	0.82	0.4	0.7
(17,311)	1:43:A:MET:H	1:140:A:LEU:HD11	5	0.82	0.51	0.8
(17,311)	1:43:A:MET:H	1:140:A:LEU:HD12	5	0.82	0.51	0.8
(17,311)	1:43:A:MET:H	1:140:A:LEU:HD13	5	0.82	0.51	0.8
(2,1993)	1:12:A:VAL:HG11	1:43:A:MET:H	5	0.82	0.12	0.84
(2,1993)	1:12:A:VAL:HG12	1:43:A:MET:H	5	0.82	0.12	0.84
(2,1993)	1:12:A:VAL:HG13	1:43:A:MET:H	5	0.82	0.12	0.84
(2,1993)	1:12:A:VAL:HG21	1:43:A:MET:H	5	0.82	0.12	0.84
(2,1993)	1:12:A:VAL:HG22	1:43:A:MET:H	5	0.82	0.12	0.84
(2,1993)	1:12:A:VAL:HG23	1:43:A:MET:H	5	0.82	0.12	0.84
(32,1515)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	5	0.81	0.71	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,1515)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	5	0.81	0.71	0.42
(32,1515)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	5	0.81	0.71	0.42
(32,1515)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	5	0.81	0.71	0.42
(32,1515)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	5	0.81	0.71	0.42
(32,1515)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	5	0.81	0.71	0.42
(29,2014)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	5	0.8	0.4	0.68
(29,2014)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	5	0.8	0.4	0.68
(29,2014)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	5	0.8	0.4	0.68
(29,2014)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	5	0.8	0.4	0.68
(29,2014)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	5	0.8	0.4	0.68
(29,2014)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	5	0.8	0.4	0.68
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	5	0.8	0.47	0.75
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	5	0.8	0.47	0.75
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	5	0.8	0.47	0.75
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	5	0.8	0.47	0.75
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	5	0.8	0.47	0.75
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	5	0.8	0.47	0.75
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	5	0.8	0.47	0.75
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	5	0.8	0.47	0.75
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	5	0.8	0.47	0.75
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	5	0.8	0.47	0.75
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	5	0.8	0.47	0.75
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	5	0.8	0.47	0.75
(2,1241)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	5	0.8	0.35	0.87
(2,1241)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	5	0.8	0.35	0.87
(2,1241)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	5	0.8	0.35	0.87
(2,1241)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	5	0.8	0.35	0.87
(2,1241)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	5	0.8	0.35	0.87
(2,1241)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	5	0.8	0.35	0.87
(6,1840)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	5	0.79	0.24	0.81
(6,1840)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	5	0.79	0.24	0.81
(6,1840)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	5	0.79	0.24	0.81
(7,1805)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	5	0.79	0.24	0.81
(7,1805)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	5	0.79	0.24	0.81
(7,1805)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	5	0.79	0.24	0.81
(11,1282)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	5	0.79	0.24	0.81
(11,1282)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	5	0.79	0.24	0.81
(11,1282)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	5	0.79	0.24	0.81
(17,1269)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	5	0.79	0.24	0.81
(17,1269)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	5	0.79	0.24	0.81
(17,1269)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	5	0.79	0.24	0.81
(33,1253)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	5	0.79	0.35	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,1253)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	5	0.79	0.35	0.86
(33,1253)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	5	0.79	0.35	0.86
(33,1253)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	5	0.79	0.35	0.86
(33,1253)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	5	0.79	0.35	0.86
(33,1253)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	5	0.79	0.35	0.86
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	5	0.77	0.53	0.41
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	5	0.77	0.53	0.41
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	5	0.77	0.53	0.41
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	5	0.77	0.53	0.41
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	5	0.77	0.53	0.41
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	5	0.77	0.53	0.41
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	5	0.77	0.53	0.41
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	5	0.77	0.53	0.41
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	5	0.77	0.53	0.41
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	5	0.77	0.53	0.41
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	5	0.77	0.53	0.41
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	5	0.77	0.53	0.41
(3,1865)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	5	0.77	0.24	0.79
(3,1865)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	5	0.77	0.24	0.79
(3,1865)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	5	0.77	0.24	0.79
(32,1522)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	5	0.76	0.53	0.78
(32,1522)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	5	0.76	0.53	0.78
(32,1522)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	5	0.76	0.53	0.78
(33,799)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	5	0.76	0.39	0.73
(33,799)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	5	0.76	0.39	0.73
(33,799)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	5	0.76	0.39	0.73
(33,799)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	5	0.76	0.39	0.73
(33,799)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	5	0.76	0.39	0.73
(33,799)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	5	0.76	0.39	0.73
(16,1965)	1:12:A:VAL:HG11	1:43:A:MET:H	5	0.75	0.12	0.77
(16,1965)	1:12:A:VAL:HG12	1:43:A:MET:H	5	0.75	0.12	0.77
(16,1965)	1:12:A:VAL:HG13	1:43:A:MET:H	5	0.75	0.12	0.77
(16,1965)	1:12:A:VAL:HG21	1:43:A:MET:H	5	0.75	0.12	0.77
(16,1965)	1:12:A:VAL:HG22	1:43:A:MET:H	5	0.75	0.12	0.77
(16,1965)	1:12:A:VAL:HG23	1:43:A:MET:H	5	0.75	0.12	0.77
(1,1070)	1:13:A:ALA:HB1	1:79:A:THR:HA	5	0.75	0.4	0.8
(1,1070)	1:13:A:ALA:HB2	1:79:A:THR:HA	5	0.75	0.4	0.8
(1,1070)	1:13:A:ALA:HB3	1:79:A:THR:HA	5	0.75	0.4	0.8
(2,1054)	1:13:A:ALA:HB1	1:79:A:THR:HA	5	0.75	0.4	0.8
(2,1054)	1:13:A:ALA:HB2	1:79:A:THR:HA	5	0.75	0.4	0.8
(2,1054)	1:13:A:ALA:HB3	1:79:A:THR:HA	5	0.75	0.4	0.8
(5,1068)	1:13:A:ALA:HB1	1:79:A:THR:HA	5	0.75	0.4	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,1068)	1:13:A:ALA:HB2	1:79:A:THR:HA	5	0.75	0.4	0.8
(5,1068)	1:13:A:ALA:HB3	1:79:A:THR:HA	5	0.75	0.4	0.8
(6,1044)	1:13:A:ALA:HB1	1:79:A:THR:HA	5	0.75	0.4	0.8
(6,1044)	1:13:A:ALA:HB2	1:79:A:THR:HA	5	0.75	0.4	0.8
(6,1044)	1:13:A:ALA:HB3	1:79:A:THR:HA	5	0.75	0.4	0.8
(7,1038)	1:13:A:ALA:HB1	1:79:A:THR:HA	5	0.75	0.4	0.8
(7,1038)	1:13:A:ALA:HB2	1:79:A:THR:HA	5	0.75	0.4	0.8
(7,1038)	1:13:A:ALA:HB3	1:79:A:THR:HA	5	0.75	0.4	0.8
(13,1044)	1:13:A:ALA:HB1	1:79:A:THR:HA	5	0.75	0.4	0.8
(13,1044)	1:13:A:ALA:HB2	1:79:A:THR:HA	5	0.75	0.4	0.8
(13,1044)	1:13:A:ALA:HB3	1:79:A:THR:HA	5	0.75	0.4	0.8
(15,1064)	1:13:A:ALA:HB1	1:79:A:THR:HA	5	0.75	0.4	0.8
(15,1064)	1:13:A:ALA:HB2	1:79:A:THR:HA	5	0.75	0.4	0.8
(15,1064)	1:13:A:ALA:HB3	1:79:A:THR:HA	5	0.75	0.4	0.8
(17,1069)	1:13:A:ALA:HB1	1:79:A:THR:HA	5	0.75	0.4	0.8
(17,1069)	1:13:A:ALA:HB2	1:79:A:THR:HA	5	0.75	0.4	0.8
(17,1069)	1:13:A:ALA:HB3	1:79:A:THR:HA	5	0.75	0.4	0.8
(29,1076)	1:13:A:ALA:HB1	1:79:A:THR:HA	5	0.75	0.4	0.8
(29,1076)	1:13:A:ALA:HB2	1:79:A:THR:HA	5	0.75	0.4	0.8
(29,1076)	1:13:A:ALA:HB3	1:79:A:THR:HA	5	0.75	0.4	0.8
(30,1050)	1:13:A:ALA:HB1	1:79:A:THR:HA	5	0.75	0.4	0.8
(30,1050)	1:13:A:ALA:HB2	1:79:A:THR:HA	5	0.75	0.4	0.8
(30,1050)	1:13:A:ALA:HB3	1:79:A:THR:HA	5	0.75	0.4	0.8
(32,1029)	1:13:A:ALA:HB1	1:79:A:THR:HA	5	0.75	0.4	0.8
(32,1029)	1:13:A:ALA:HB2	1:79:A:THR:HA	5	0.75	0.4	0.8
(32,1029)	1:13:A:ALA:HB3	1:79:A:THR:HA	5	0.75	0.4	0.8
(33,1058)	1:13:A:ALA:HB1	1:79:A:THR:HA	5	0.75	0.4	0.8
(33,1058)	1:13:A:ALA:HB2	1:79:A:THR:HA	5	0.75	0.4	0.8
(33,1058)	1:13:A:ALA:HB3	1:79:A:THR:HA	5	0.75	0.4	0.8
(34,1088)	1:13:A:ALA:HB1	1:79:A:THR:HA	5	0.75	0.4	0.8
(34,1088)	1:13:A:ALA:HB2	1:79:A:THR:HA	5	0.75	0.4	0.8
(34,1088)	1:13:A:ALA:HB3	1:79:A:THR:HA	5	0.75	0.4	0.8
(34,991)	1:11:A:ILE:HG12	1:14:A:VAL:HB	5	0.75	0.86	0.2
(4,697)	1:23:A:LEU:HB2	1:27:A:ARG:HE	5	0.74	0.37	0.62
(4,697)	1:23:A:LEU:HB3	1:27:A:ARG:HE	5	0.74	0.37	0.62
(9,701)	1:23:A:LEU:HB2	1:27:A:ARG:HE	5	0.74	0.37	0.62
(9,701)	1:23:A:LEU:HB3	1:27:A:ARG:HE	5	0.74	0.37	0.62
(11,707)	1:23:A:LEU:HB2	1:27:A:ARG:HE	5	0.74	0.37	0.62
(11,707)	1:23:A:LEU:HB3	1:27:A:ARG:HE	5	0.74	0.37	0.62
(13,692)	1:23:A:LEU:HB2	1:27:A:ARG:HE	5	0.74	0.37	0.62
(13,692)	1:23:A:LEU:HB3	1:27:A:ARG:HE	5	0.74	0.37	0.62
(15,708)	1:23:A:LEU:HB2	1:27:A:ARG:HE	5	0.74	0.37	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,708)	1:23:A:LEU:HB3	1:27:A:ARG:HE	5	0.74	0.37	0.62
(17,708)	1:23:A:LEU:HB2	1:27:A:ARG:HE	5	0.74	0.37	0.62
(17,708)	1:23:A:LEU:HB3	1:27:A:ARG:HE	5	0.74	0.37	0.62
(34,715)	1:23:A:LEU:HB2	1:27:A:ARG:HE	5	0.74	0.37	0.62
(34,715)	1:23:A:LEU:HB3	1:27:A:ARG:HE	5	0.74	0.37	0.62
(32,1938)	1:12:A:VAL:HG11	1:43:A:MET:HB2	5	0.74	0.21	0.77
(32,1938)	1:12:A:VAL:HG12	1:43:A:MET:HB2	5	0.74	0.21	0.77
(32,1938)	1:12:A:VAL:HG13	1:43:A:MET:HB2	5	0.74	0.21	0.77
(32,1938)	1:12:A:VAL:HG21	1:43:A:MET:HB2	5	0.74	0.21	0.77
(32,1938)	1:12:A:VAL:HG22	1:43:A:MET:HB2	5	0.74	0.21	0.77
(32,1938)	1:12:A:VAL:HG23	1:43:A:MET:HB2	5	0.74	0.21	0.77
(2,1787)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	5	0.73	0.35	0.58
(2,1787)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	5	0.73	0.35	0.58
(2,1787)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	5	0.73	0.35	0.58
(7,1730)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	5	0.73	0.35	0.58
(7,1730)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	5	0.73	0.35	0.58
(7,1730)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	5	0.73	0.35	0.58
(13,1734)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	5	0.73	0.35	0.58
(13,1734)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	5	0.73	0.35	0.58
(13,1734)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	5	0.73	0.35	0.58
(15,1754)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	5	0.73	0.35	0.58
(15,1754)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	5	0.73	0.35	0.58
(15,1754)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	5	0.73	0.35	0.58
(15,2223)	1:68:A:LYS:H	1:70:A:LYS:HG2	5	0.73	0.4	0.81
(15,2223)	1:68:A:LYS:H	1:70:A:LYS:HG3	5	0.73	0.4	0.81
(17,2005)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	5	0.73	0.4	0.61
(17,2005)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	5	0.73	0.4	0.61
(17,2005)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	5	0.73	0.4	0.61
(17,2005)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	5	0.73	0.4	0.61
(17,2005)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	5	0.73	0.4	0.61
(17,2005)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	5	0.73	0.4	0.61
(30,2245)	1:68:A:LYS:H	1:70:A:LYS:HG2	5	0.73	0.4	0.81
(30,2245)	1:68:A:LYS:H	1:70:A:LYS:HG3	5	0.73	0.4	0.81
(32,2239)	1:68:A:LYS:H	1:70:A:LYS:HG2	5	0.73	0.4	0.81
(32,2239)	1:68:A:LYS:H	1:70:A:LYS:HG3	5	0.73	0.4	0.81
(2,794)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	5	0.72	0.39	0.69
(2,794)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	5	0.72	0.39	0.69
(2,794)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	5	0.72	0.39	0.69
(2,794)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	5	0.72	0.39	0.69
(2,794)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	5	0.72	0.39	0.69
(2,794)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	5	0.72	0.39	0.69
(2,837)	1:8:A:ASP:H	1:54:A:ARG:HD2	5	0.72	0.59	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,837)	1:8:A:ASP:H	1:54:A:ARG:HD3	5	0.72	0.59	0.44
(5,917)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	5	0.71	0.35	0.56
(5,917)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	5	0.71	0.35	0.56
(5,917)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	5	0.71	0.35	0.56
(9,918)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	5	0.71	0.35	0.56
(9,918)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	5	0.71	0.35	0.56
(9,918)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	5	0.71	0.35	0.56
(11,923)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	5	0.71	0.35	0.56
(11,923)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	5	0.71	0.35	0.56
(11,923)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	5	0.71	0.35	0.56
(29,928)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	5	0.71	0.35	0.56
(29,928)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	5	0.71	0.35	0.56
(29,928)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	5	0.71	0.35	0.56
(5,1109)	1:41:A:LYS:HG3	1:42:A:GLU:HA	5	0.71	0.95	0.25
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD11	5	0.7	0.46	0.51
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD12	5	0.7	0.46	0.51
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD13	5	0.7	0.46	0.51
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD21	5	0.7	0.46	0.51
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD22	5	0.7	0.46	0.51
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD23	5	0.7	0.46	0.51
(1,642)	1:59:A:CYS:H	1:60:A:LEU:HB2	5	0.7	0.03	0.71
(3,643)	1:59:A:CYS:H	1:60:A:LEU:HB2	5	0.7	0.03	0.71
(4,625)	1:59:A:CYS:H	1:60:A:LEU:HB2	5	0.7	0.03	0.71
(5,636)	1:59:A:CYS:H	1:60:A:LEU:HB2	5	0.7	0.03	0.71
(7,634)	1:59:A:CYS:H	1:60:A:LEU:HB2	5	0.7	0.03	0.71
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG11	5	0.7	0.53	0.4
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG12	5	0.7	0.53	0.4
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG13	5	0.7	0.53	0.4
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG21	5	0.7	0.53	0.4
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG22	5	0.7	0.53	0.4
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG23	5	0.7	0.53	0.4
(13,629)	1:59:A:CYS:H	1:60:A:LEU:HB2	5	0.7	0.03	0.71
(15,642)	1:59:A:CYS:H	1:60:A:LEU:HB2	5	0.7	0.03	0.71
(16,639)	1:59:A:CYS:H	1:60:A:LEU:HB2	5	0.7	0.03	0.71
(17,636)	1:59:A:CYS:H	1:60:A:LEU:HB2	5	0.7	0.03	0.71
(18,647)	1:59:A:CYS:H	1:60:A:LEU:HB2	5	0.7	0.03	0.71
(29,641)	1:59:A:CYS:H	1:60:A:LEU:HB2	5	0.7	0.03	0.71
(30,634)	1:59:A:CYS:H	1:60:A:LEU:HB2	5	0.7	0.03	0.71
(32,622)	1:59:A:CYS:H	1:60:A:LEU:HB2	5	0.7	0.03	0.71
(33,635)	1:59:A:CYS:H	1:60:A:LEU:HB2	5	0.7	0.03	0.71
(29,2286)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	5	0.69	0.27	0.67
(29,2286)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	5	0.69	0.27	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,2286)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	5	0.69	0.27	0.67
(29,2286)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	5	0.69	0.27	0.67
(29,2286)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	5	0.69	0.27	0.67
(29,2286)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	5	0.69	0.27	0.67
(29,2286)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	5	0.69	0.27	0.67
(29,2286)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	5	0.69	0.27	0.67
(29,2286)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	5	0.69	0.27	0.67
(29,2286)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	5	0.69	0.27	0.67
(29,2286)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	5	0.69	0.27	0.67
(29,2286)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	5	0.69	0.27	0.67
(32,1937)	1:12:A:VAL:HG11	1:43:A:MET:H	5	0.69	0.12	0.71
(32,1937)	1:12:A:VAL:HG12	1:43:A:MET:H	5	0.69	0.12	0.71
(32,1937)	1:12:A:VAL:HG13	1:43:A:MET:H	5	0.69	0.12	0.71
(32,1937)	1:12:A:VAL:HG21	1:43:A:MET:H	5	0.69	0.12	0.71
(32,1937)	1:12:A:VAL:HG22	1:43:A:MET:H	5	0.69	0.12	0.71
(32,1937)	1:12:A:VAL:HG23	1:43:A:MET:H	5	0.69	0.12	0.71
(6,1143)	1:13:A:ALA:HB1	1:80:A:TYR:HA	5	0.69	0.27	0.61
(6,1143)	1:13:A:ALA:HB2	1:80:A:TYR:HA	5	0.69	0.27	0.61
(6,1143)	1:13:A:ALA:HB3	1:80:A:TYR:HA	5	0.69	0.27	0.61
(33,1157)	1:13:A:ALA:HB1	1:80:A:TYR:HA	5	0.69	0.27	0.61
(33,1157)	1:13:A:ALA:HB2	1:80:A:TYR:HA	5	0.69	0.27	0.61
(33,1157)	1:13:A:ALA:HB3	1:80:A:TYR:HA	5	0.69	0.27	0.61
(29,2144)	1:40:A:LEU:HD11	1:44:A:GLU:HG2	5	0.69	0.56	0.36
(29,2144)	1:40:A:LEU:HD12	1:44:A:GLU:HG2	5	0.69	0.56	0.36
(29,2144)	1:40:A:LEU:HD13	1:44:A:GLU:HG2	5	0.69	0.56	0.36
(29,2144)	1:40:A:LEU:HD21	1:44:A:GLU:HG2	5	0.69	0.56	0.36
(29,2144)	1:40:A:LEU:HD22	1:44:A:GLU:HG2	5	0.69	0.56	0.36
(29,2144)	1:40:A:LEU:HD23	1:44:A:GLU:HG2	5	0.69	0.56	0.36
(2,983)	1:12:A:VAL:HB	1:43:A:MET:HE1	5	0.68	0.29	0.54
(2,983)	1:12:A:VAL:HB	1:43:A:MET:HE2	5	0.68	0.29	0.54
(2,983)	1:12:A:VAL:HB	1:43:A:MET:HE3	5	0.68	0.29	0.54
(11,997)	1:12:A:VAL:HB	1:43:A:MET:HE1	5	0.68	0.29	0.54
(11,997)	1:12:A:VAL:HB	1:43:A:MET:HE2	5	0.68	0.29	0.54
(11,997)	1:12:A:VAL:HB	1:43:A:MET:HE3	5	0.68	0.29	0.54
(3,2032)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	5	0.67	0.6	0.25
(3,2032)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	5	0.67	0.6	0.25
(3,2032)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	5	0.67	0.6	0.25
(3,2032)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	5	0.67	0.6	0.25
(3,2032)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	5	0.67	0.6	0.25
(3,2032)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	5	0.67	0.6	0.25
(9,1991)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	5	0.67	0.6	0.25
(9,1991)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	5	0.67	0.6	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,1991)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	5	0.67	0.6	0.25
(9,1991)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	5	0.67	0.6	0.25
(9,1991)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	5	0.67	0.6	0.25
(9,1991)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	5	0.67	0.6	0.25
(11,2026)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	5	0.67	0.6	0.25
(11,2026)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	5	0.67	0.6	0.25
(11,2026)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	5	0.67	0.6	0.25
(11,2026)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	5	0.67	0.6	0.25
(11,2026)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	5	0.67	0.6	0.25
(11,2026)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	5	0.67	0.6	0.25
(13,1950)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	5	0.67	0.16	0.67
(13,1950)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	5	0.67	0.16	0.67
(13,1950)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	5	0.67	0.16	0.67
(13,1950)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	5	0.67	0.16	0.67
(13,1950)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	5	0.67	0.16	0.67
(13,1950)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	5	0.67	0.16	0.67
(13,1950)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	5	0.67	0.16	0.67
(13,1950)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	5	0.67	0.16	0.67
(13,1950)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	5	0.67	0.16	0.67
(13,1950)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	5	0.67	0.16	0.67
(13,1950)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	5	0.67	0.16	0.67
(13,1950)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	5	0.67	0.16	0.67
(16,1998)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	5	0.67	0.6	0.25
(16,1998)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	5	0.67	0.6	0.25
(16,1998)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	5	0.67	0.6	0.25
(16,1998)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	5	0.67	0.6	0.25
(16,1998)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	5	0.67	0.6	0.25
(16,1998)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	5	0.67	0.6	0.25
(30,2005)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	5	0.67	0.6	0.25
(30,2005)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	5	0.67	0.6	0.25
(30,2005)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	5	0.67	0.6	0.25
(30,2005)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	5	0.67	0.6	0.25
(30,2005)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	5	0.67	0.6	0.25
(30,2005)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	5	0.67	0.6	0.25
(34,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD21	5	0.67	0.23	0.78
(34,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD22	5	0.67	0.23	0.78
(34,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD23	5	0.67	0.23	0.78
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	5	0.67	0.53	0.31
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	5	0.67	0.53	0.31
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	5	0.67	0.53	0.31
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	5	0.67	0.53	0.31
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	5	0.67	0.53	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	5	0.67	0.53	0.31
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	5	0.67	0.53	0.31
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	5	0.67	0.53	0.31
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	5	0.67	0.53	0.31
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	5	0.67	0.53	0.31
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	5	0.67	0.53	0.31
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	5	0.67	0.53	0.31
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD11	5	0.67	0.46	0.48
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD12	5	0.67	0.46	0.48
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD13	5	0.67	0.46	0.48
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD21	5	0.67	0.46	0.48
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD22	5	0.67	0.46	0.48
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD23	5	0.67	0.46	0.48
(17,1309)	1:60:A:LEU:HA	1:60:A:LEU:HD21	5	0.66	0.11	0.65
(17,1309)	1:60:A:LEU:HA	1:60:A:LEU:HD22	5	0.66	0.11	0.65
(17,1309)	1:60:A:LEU:HA	1:60:A:LEU:HD23	5	0.66	0.11	0.65
(30,1295)	1:60:A:LEU:HA	1:60:A:LEU:HD21	5	0.66	0.11	0.65
(30,1295)	1:60:A:LEU:HA	1:60:A:LEU:HD22	5	0.66	0.11	0.65
(30,1295)	1:60:A:LEU:HA	1:60:A:LEU:HD23	5	0.66	0.11	0.65
(34,866)	1:18:A:PHE:HZ	1:60:A:LEU:HB2	5	0.66	0.41	0.46
(33,1269)	1:118:A:ASP:HA	1:121:A:VAL:HG11	5	0.65	0.23	0.6
(33,1269)	1:118:A:ASP:HA	1:121:A:VAL:HG12	5	0.65	0.23	0.6
(33,1269)	1:118:A:ASP:HA	1:121:A:VAL:HG13	5	0.65	0.23	0.6
(1,1716)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	5	0.65	0.47	0.61
(1,1716)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	5	0.65	0.47	0.61
(2,1721)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	5	0.65	0.47	0.61
(2,1721)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	5	0.65	0.47	0.61
(3,1735)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	5	0.65	0.47	0.61
(3,1735)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	5	0.65	0.47	0.61
(4,1682)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	5	0.65	0.47	0.61
(4,1682)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	5	0.65	0.47	0.61
(5,1725)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	5	0.65	0.47	0.61
(5,1725)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	5	0.65	0.47	0.61
(9,1698)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	5	0.65	0.47	0.61
(9,1698)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	5	0.65	0.47	0.61
(15,1695)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	5	0.65	0.47	0.61
(15,1695)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	5	0.65	0.47	0.61
(16,1696)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	5	0.65	0.47	0.61
(16,1696)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	5	0.65	0.47	0.61
(17,1719)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	5	0.65	0.47	0.61
(17,1719)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	5	0.65	0.47	0.61
(29,1723)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	5	0.65	0.47	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,1723)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	5	0.65	0.47	0.61
(33,1698)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	5	0.65	0.47	0.61
(33,1698)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	5	0.65	0.47	0.61
(3,1006)	1:12:A:VAL:HB	1:43:A:MET:HE1	5	0.65	0.29	0.51
(3,1006)	1:12:A:VAL:HB	1:43:A:MET:HE2	5	0.65	0.29	0.51
(3,1006)	1:12:A:VAL:HB	1:43:A:MET:HE3	5	0.65	0.29	0.51
(5,990)	1:12:A:VAL:HB	1:43:A:MET:HE1	5	0.65	0.29	0.51
(5,990)	1:12:A:VAL:HB	1:43:A:MET:HE2	5	0.65	0.29	0.51
(5,990)	1:12:A:VAL:HB	1:43:A:MET:HE3	5	0.65	0.29	0.51
(29,1002)	1:12:A:VAL:HB	1:43:A:MET:HE1	5	0.65	0.29	0.51
(29,1002)	1:12:A:VAL:HB	1:43:A:MET:HE2	5	0.65	0.29	0.51
(29,1002)	1:12:A:VAL:HB	1:43:A:MET:HE3	5	0.65	0.29	0.51
(3,1119)	1:41:A:LYS:HG3	1:42:A:GLU:HA	5	0.64	0.95	0.18
(4,1185)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	5	0.63	0.35	0.55
(4,1185)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	5	0.63	0.35	0.55
(4,1185)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	5	0.63	0.35	0.55
(4,1185)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	5	0.63	0.35	0.55
(4,1185)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	5	0.63	0.35	0.55
(4,1185)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	5	0.63	0.35	0.55
(11,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	5	0.63	0.35	0.55
(11,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	5	0.63	0.35	0.55
(11,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	5	0.63	0.35	0.55
(11,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	5	0.63	0.35	0.55
(11,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	5	0.63	0.35	0.55
(11,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	5	0.63	0.35	0.55
(11,1212)	1:140:A:LEU:HA	1:144:A:LEU:HD21	5	0.63	0.23	0.74
(11,1212)	1:140:A:LEU:HA	1:144:A:LEU:HD22	5	0.63	0.23	0.74
(11,1212)	1:140:A:LEU:HA	1:144:A:LEU:HD23	5	0.63	0.23	0.74
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	5	0.62	0.33	0.38
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	5	0.62	0.33	0.38
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	5	0.62	0.33	0.38
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD21	5	0.62	0.33	0.38
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD22	5	0.62	0.33	0.38
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD23	5	0.62	0.33	0.38
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	5	0.62	0.33	0.38
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	5	0.62	0.33	0.38
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	5	0.62	0.33	0.38
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD21	5	0.62	0.33	0.38
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD22	5	0.62	0.33	0.38
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD23	5	0.62	0.33	0.38
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	5	0.62	0.33	0.38
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	5	0.62	0.33	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	5	0.62	0.33	0.38
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD21	5	0.62	0.33	0.38
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD22	5	0.62	0.33	0.38
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD23	5	0.62	0.33	0.38
(2,2418)	1:131:A:LEU:HD11	1:134:A:VAL:HB	5	0.62	0.33	0.49
(2,2418)	1:131:A:LEU:HD12	1:134:A:VAL:HB	5	0.62	0.33	0.49
(2,2418)	1:131:A:LEU:HD13	1:134:A:VAL:HB	5	0.62	0.33	0.49
(2,2418)	1:131:A:LEU:HD21	1:134:A:VAL:HB	5	0.62	0.33	0.49
(2,2418)	1:131:A:LEU:HD22	1:134:A:VAL:HB	5	0.62	0.33	0.49
(2,2418)	1:131:A:LEU:HD23	1:134:A:VAL:HB	5	0.62	0.33	0.49
(9,1198)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	5	0.61	0.35	0.53
(9,1198)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	5	0.61	0.35	0.53
(9,1198)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	5	0.61	0.35	0.53
(9,1198)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	5	0.61	0.35	0.53
(9,1198)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	5	0.61	0.35	0.53
(9,1198)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	5	0.61	0.35	0.53
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	5	0.61	0.47	0.39
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	5	0.61	0.47	0.39
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	5	0.61	0.47	0.39
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	5	0.61	0.47	0.39
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	5	0.61	0.47	0.39
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	5	0.61	0.47	0.39
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	5	0.61	0.47	0.39
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	5	0.61	0.47	0.39
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	5	0.61	0.47	0.39
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	5	0.61	0.47	0.39
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	5	0.61	0.47	0.39
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	5	0.61	0.47	0.39
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	5	0.61	0.47	0.39
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	5	0.61	0.47	0.39
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	5	0.61	0.47	0.39
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	5	0.61	0.47	0.39
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	5	0.61	0.47	0.39
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	5	0.61	0.47	0.39
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	5	0.61	0.47	0.39
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	5	0.61	0.47	0.39
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	5	0.61	0.47	0.39
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	5	0.61	0.47	0.39
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	5	0.61	0.47	0.39
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	5	0.61	0.47	0.39
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	5	0.61	0.47	0.39
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	5	0.61	0.47	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	5	0.61	0.47	0.39
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	5	0.61	0.47	0.39
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	5	0.61	0.47	0.39
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	5	0.61	0.47	0.39
(1,1655)	1:97:A:ASP:HB2	1:102:A:PRO:HA	5	0.61	0.32	0.42
(1,1655)	1:97:A:ASP:HB3	1:102:A:PRO:HA	5	0.61	0.32	0.42
(3,1676)	1:97:A:ASP:HB2	1:102:A:PRO:HA	5	0.61	0.32	0.42
(3,1676)	1:97:A:ASP:HB3	1:102:A:PRO:HA	5	0.61	0.32	0.42
(4,1621)	1:97:A:ASP:HB2	1:102:A:PRO:HA	5	0.61	0.32	0.42
(4,1621)	1:97:A:ASP:HB3	1:102:A:PRO:HA	5	0.61	0.32	0.42
(5,1658)	1:97:A:ASP:HB2	1:102:A:PRO:HA	5	0.61	0.32	0.42
(5,1658)	1:97:A:ASP:HB3	1:102:A:PRO:HA	5	0.61	0.32	0.42
(6,1647)	1:97:A:ASP:HB2	1:102:A:PRO:HA	5	0.61	0.32	0.42
(6,1647)	1:97:A:ASP:HB3	1:102:A:PRO:HA	5	0.61	0.32	0.42
(7,1616)	1:97:A:ASP:HB2	1:102:A:PRO:HA	5	0.61	0.32	0.42
(7,1616)	1:97:A:ASP:HB3	1:102:A:PRO:HA	5	0.61	0.32	0.42
(11,1679)	1:97:A:ASP:HB2	1:102:A:PRO:HA	5	0.61	0.32	0.42
(11,1679)	1:97:A:ASP:HB3	1:102:A:PRO:HA	5	0.61	0.32	0.42
(15,1640)	1:97:A:ASP:HB2	1:102:A:PRO:HA	5	0.61	0.32	0.42
(15,1640)	1:97:A:ASP:HB3	1:102:A:PRO:HA	5	0.61	0.32	0.42
(17,1662)	1:97:A:ASP:HB2	1:102:A:PRO:HA	5	0.61	0.32	0.42
(17,1662)	1:97:A:ASP:HB3	1:102:A:PRO:HA	5	0.61	0.32	0.42
(29,1659)	1:97:A:ASP:HB2	1:102:A:PRO:HA	5	0.61	0.32	0.42
(29,1659)	1:97:A:ASP:HB3	1:102:A:PRO:HA	5	0.61	0.32	0.42
(32,1602)	1:97:A:ASP:HB2	1:102:A:PRO:HA	5	0.61	0.32	0.42
(32,1602)	1:97:A:ASP:HB3	1:102:A:PRO:HA	5	0.61	0.32	0.42
(33,1633)	1:97:A:ASP:HB2	1:102:A:PRO:HA	5	0.61	0.32	0.42
(33,1633)	1:97:A:ASP:HB3	1:102:A:PRO:HA	5	0.61	0.32	0.42
(34,1658)	1:97:A:ASP:HB2	1:102:A:PRO:HA	5	0.61	0.32	0.42
(34,1658)	1:97:A:ASP:HB3	1:102:A:PRO:HA	5	0.61	0.32	0.42
(1,876)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	5	0.61	0.31	0.81
(18,869)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	5	0.61	0.31	0.81
(3,1661)	1:34:A:LYS:H	1:80:A:TYR:HA	5	0.6	0.64	0.16
(9,1658)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	5	0.6	0.43	0.39
(9,1658)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	5	0.6	0.43	0.39
(11,1662)	1:34:A:LYS:H	1:80:A:TYR:HA	5	0.6	0.64	0.16
(13,1599)	1:34:A:LYS:H	1:80:A:TYR:HA	5	0.6	0.64	0.16
(16,1619)	1:34:A:LYS:H	1:80:A:TYR:HA	5	0.6	0.64	0.16
(18,1615)	1:34:A:LYS:H	1:80:A:TYR:HA	5	0.6	0.64	0.16
(34,1642)	1:34:A:LYS:H	1:80:A:TYR:HA	5	0.6	0.64	0.16
(1,908)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(1,908)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	5	0.6	0.25	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,908)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(2,886)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(2,886)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(2,886)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(5,882)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(5,882)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(5,882)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(6,882)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(6,882)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(6,882)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(7,877)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(7,877)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(7,877)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(13,875)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(13,875)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(13,875)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(15,887)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(15,887)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(15,887)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(17,895)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(17,895)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(17,895)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(29,898)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(29,898)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(29,898)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(30,881)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(30,881)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(30,881)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(34,903)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(34,903)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(34,903)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	5	0.6	0.25	0.7
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	5	0.6	0.37	0.42
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	5	0.6	0.37	0.42
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	5	0.6	0.37	0.42
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	5	0.6	0.37	0.42
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	5	0.6	0.37	0.42
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	5	0.6	0.37	0.42
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	5	0.6	0.37	0.42
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	5	0.6	0.37	0.42
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	5	0.6	0.37	0.42
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	5	0.6	0.37	0.42
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	5	0.6	0.37	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	5	0.6	0.37	0.42
(1,2126)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	5	0.6	0.33	0.77
(1,2126)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	5	0.6	0.33	0.77
(1,2126)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	5	0.6	0.33	0.77
(1,2126)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	5	0.6	0.33	0.77
(1,2126)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	5	0.6	0.33	0.77
(1,2126)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	5	0.6	0.33	0.77
(1,2126)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	5	0.6	0.33	0.77
(1,2126)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	5	0.6	0.33	0.77
(1,2126)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	5	0.6	0.33	0.77
(1,2126)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	5	0.6	0.33	0.77
(1,2126)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	5	0.6	0.33	0.77
(1,2126)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	5	0.6	0.33	0.77
(1,132)	1:79:A:THR:HB	1:80:A:TYR:H	5	0.59	0.07	0.64
(2,121)	1:79:A:THR:HB	1:80:A:TYR:H	5	0.59	0.07	0.64
(5,118)	1:79:A:THR:HB	1:80:A:TYR:H	5	0.59	0.07	0.64
(6,122)	1:79:A:THR:HB	1:80:A:TYR:H	5	0.59	0.07	0.64
(7,122)	1:79:A:THR:HB	1:80:A:TYR:H	5	0.59	0.07	0.64
(9,122)	1:79:A:THR:HB	1:80:A:TYR:H	5	0.59	0.07	0.64
(13,121)	1:79:A:THR:HB	1:80:A:TYR:H	5	0.59	0.07	0.64
(17,123)	1:79:A:THR:HB	1:80:A:TYR:H	5	0.59	0.07	0.64
(29,127)	1:79:A:THR:HB	1:80:A:TYR:H	5	0.59	0.07	0.64
(32,120)	1:79:A:THR:HB	1:80:A:TYR:H	5	0.59	0.07	0.64
(33,121)	1:79:A:THR:HB	1:80:A:TYR:H	5	0.59	0.07	0.64
(34,126)	1:79:A:THR:HB	1:80:A:TYR:H	5	0.59	0.07	0.64
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	5	0.59	0.37	0.41
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	5	0.59	0.37	0.41
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	5	0.59	0.37	0.41
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	5	0.59	0.37	0.41
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	5	0.59	0.37	0.41
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	5	0.59	0.37	0.41
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	5	0.59	0.37	0.41
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	5	0.59	0.37	0.41
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	5	0.59	0.37	0.41
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	5	0.59	0.37	0.41
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	5	0.59	0.37	0.41
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	5	0.59	0.37	0.41
(1,934)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	5	0.58	0.19	0.66
(1,934)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	5	0.58	0.19	0.66
(3,1893)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	5	0.58	0.19	0.66
(3,1893)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	5	0.58	0.19	0.66
(17,1881)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	5	0.58	0.19	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,1881)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	5	0.58	0.19	0.66
(30,1867)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	5	0.58	0.19	0.66
(30,1867)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	5	0.58	0.19	0.66
(33,1862)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	5	0.58	0.19	0.66
(33,1862)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	5	0.58	0.19	0.66
(3,2442)	1:129:A:LYS:HB2	1:133:A:ASN:HB2	5	0.58	0.11	0.63
(3,2442)	1:129:A:LYS:HB2	1:133:A:ASN:HB3	5	0.58	0.11	0.63
(3,2442)	1:129:A:LYS:HB3	1:133:A:ASN:HB2	5	0.58	0.11	0.63
(3,2442)	1:129:A:LYS:HB3	1:133:A:ASN:HB3	5	0.58	0.11	0.63
(7,2399)	1:129:A:LYS:HB2	1:133:A:ASN:HB2	5	0.58	0.11	0.63
(7,2399)	1:129:A:LYS:HB2	1:133:A:ASN:HB3	5	0.58	0.11	0.63
(7,2399)	1:129:A:LYS:HB3	1:133:A:ASN:HB2	5	0.58	0.11	0.63
(7,2399)	1:129:A:LYS:HB3	1:133:A:ASN:HB3	5	0.58	0.11	0.63
(29,2381)	1:129:A:LYS:HB2	1:133:A:ASN:HB2	5	0.58	0.11	0.63
(29,2381)	1:129:A:LYS:HB2	1:133:A:ASN:HB3	5	0.58	0.11	0.63
(29,2381)	1:129:A:LYS:HB3	1:133:A:ASN:HB2	5	0.58	0.11	0.63
(29,2381)	1:129:A:LYS:HB3	1:133:A:ASN:HB3	5	0.58	0.11	0.63
(3,1773)	1:31:A:PRO:HB2	1:35:A:LEU:HA	5	0.57	0.39	0.32
(3,1773)	1:31:A:PRO:HB3	1:35:A:LEU:HA	5	0.57	0.39	0.32
(9,1731)	1:31:A:PRO:HB2	1:35:A:LEU:HA	5	0.57	0.39	0.32
(9,1731)	1:31:A:PRO:HB3	1:35:A:LEU:HA	5	0.57	0.39	0.32
(30,1746)	1:31:A:PRO:HB2	1:35:A:LEU:HA	5	0.57	0.39	0.32
(30,1746)	1:31:A:PRO:HB3	1:35:A:LEU:HA	5	0.57	0.39	0.32
(1,1810)	1:9:A:PHE:HD1	1:11:A:ILE:HB	5	0.57	0.27	0.54
(1,1810)	1:9:A:PHE:HD2	1:11:A:ILE:HB	5	0.57	0.27	0.54
(3,1827)	1:9:A:PHE:HD1	1:11:A:ILE:HB	5	0.57	0.27	0.54
(3,1827)	1:9:A:PHE:HD2	1:11:A:ILE:HB	5	0.57	0.27	0.54
(6,1804)	1:9:A:PHE:HD1	1:11:A:ILE:HB	5	0.57	0.27	0.54
(6,1804)	1:9:A:PHE:HD2	1:11:A:ILE:HB	5	0.57	0.27	0.54
(7,1765)	1:9:A:PHE:HD1	1:11:A:ILE:HB	5	0.57	0.27	0.54
(7,1765)	1:9:A:PHE:HD2	1:11:A:ILE:HB	5	0.57	0.27	0.54
(13,1762)	1:9:A:PHE:HD1	1:11:A:ILE:HB	5	0.57	0.27	0.54
(13,1762)	1:9:A:PHE:HD2	1:11:A:ILE:HB	5	0.57	0.27	0.54
(16,1788)	1:9:A:PHE:HD1	1:11:A:ILE:HB	5	0.57	0.27	0.54
(16,1788)	1:9:A:PHE:HD2	1:11:A:ILE:HB	5	0.57	0.27	0.54
(33,1795)	1:9:A:PHE:HD1	1:11:A:ILE:HB	5	0.57	0.27	0.54
(33,1795)	1:9:A:PHE:HD2	1:11:A:ILE:HB	5	0.57	0.27	0.54
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD11	5	0.57	0.14	0.53
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD12	5	0.57	0.14	0.53
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD13	5	0.57	0.14	0.53
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD21	5	0.57	0.14	0.53
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD22	5	0.57	0.14	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD23	5	0.57	0.14	0.53
(30,1555)	1:60:A:LEU:HA	1:117:A:VAL:HG21	5	0.57	0.44	0.22
(30,1555)	1:60:A:LEU:HA	1:117:A:VAL:HG22	5	0.57	0.44	0.22
(30,1555)	1:60:A:LEU:HA	1:117:A:VAL:HG23	5	0.57	0.44	0.22
(7,1215)	1:39:A:VAL:H	1:139:A:LEU:HD21	5	0.56	0.48	0.3
(7,1215)	1:39:A:VAL:H	1:139:A:LEU:HD22	5	0.56	0.48	0.3
(7,1215)	1:39:A:VAL:H	1:139:A:LEU:HD23	5	0.56	0.48	0.3
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	5	0.56	0.37	0.38
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	5	0.56	0.37	0.38
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	5	0.56	0.37	0.38
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	5	0.56	0.37	0.38
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	5	0.56	0.37	0.38
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	5	0.56	0.37	0.38
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	5	0.56	0.37	0.38
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	5	0.56	0.37	0.38
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	5	0.56	0.37	0.38
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	5	0.56	0.37	0.38
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	5	0.56	0.37	0.38
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	5	0.56	0.37	0.38
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	5	0.56	0.37	0.38
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	5	0.56	0.37	0.38
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	5	0.56	0.37	0.38
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	5	0.56	0.37	0.38
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	5	0.56	0.37	0.38
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	5	0.56	0.37	0.38
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	5	0.56	0.37	0.38
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	5	0.56	0.37	0.38
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	5	0.56	0.37	0.38
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	5	0.56	0.37	0.38
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	5	0.56	0.37	0.38
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	5	0.56	0.37	0.38
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	5	0.56	0.37	0.38
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	5	0.56	0.37	0.38
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	5	0.56	0.37	0.38
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	5	0.56	0.37	0.38
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	5	0.56	0.37	0.38
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	5	0.56	0.37	0.38
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	5	0.56	0.37	0.38
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	5	0.56	0.37	0.38
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	5	0.56	0.37	0.38
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	5	0.56	0.37	0.38
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	5	0.56	0.37	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	5	0.56	0.37	0.38
(33,1970)	1:12:A:VAL:HG11	1:43:A:MET:HB2	5	0.56	0.21	0.59
(33,1970)	1:12:A:VAL:HG12	1:43:A:MET:HB2	5	0.56	0.21	0.59
(33,1970)	1:12:A:VAL:HG13	1:43:A:MET:HB2	5	0.56	0.21	0.59
(33,1970)	1:12:A:VAL:HG21	1:43:A:MET:HB2	5	0.56	0.21	0.59
(33,1970)	1:12:A:VAL:HG22	1:43:A:MET:HB2	5	0.56	0.21	0.59
(33,1970)	1:12:A:VAL:HG23	1:43:A:MET:HB2	5	0.56	0.21	0.59
(2,1956)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	5	0.55	0.48	0.39
(2,1956)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	5	0.55	0.48	0.39
(4,1901)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	5	0.55	0.48	0.39
(4,1901)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	5	0.55	0.48	0.39
(33,943)	1:69:A:MET:HG2	1:109:A:PRO:HA	5	0.55	0.05	0.52
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD11	5	0.55	0.14	0.51
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD12	5	0.55	0.14	0.51
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD13	5	0.55	0.14	0.51
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD21	5	0.55	0.14	0.51
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD22	5	0.55	0.14	0.51
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD23	5	0.55	0.14	0.51
(6,868)	1:123:A:CYS:HB3	1:128:A:LEU:HD11	5	0.55	0.2	0.58
(6,868)	1:123:A:CYS:HB3	1:128:A:LEU:HD12	5	0.55	0.2	0.58
(6,868)	1:123:A:CYS:HB3	1:128:A:LEU:HD13	5	0.55	0.2	0.58
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD11	5	0.55	0.14	0.51
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD12	5	0.55	0.14	0.51
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD13	5	0.55	0.14	0.51
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD21	5	0.55	0.14	0.51
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD22	5	0.55	0.14	0.51
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD23	5	0.55	0.14	0.51
(3,1971)	1:10:A:ASN:HD21	1:80:A:TYR:H	5	0.54	0.32	0.35
(3,1971)	1:10:A:ASN:HD22	1:80:A:TYR:H	5	0.54	0.32	0.35
(4,1926)	1:10:A:ASN:HD21	1:80:A:TYR:H	5	0.54	0.32	0.35
(4,1926)	1:10:A:ASN:HD22	1:80:A:TYR:H	5	0.54	0.32	0.35
(6,1955)	1:10:A:ASN:HD21	1:80:A:TYR:H	5	0.54	0.32	0.35
(6,1955)	1:10:A:ASN:HD22	1:80:A:TYR:H	5	0.54	0.32	0.35
(7,1910)	1:10:A:ASN:HD21	1:80:A:TYR:H	5	0.54	0.32	0.35
(7,1910)	1:10:A:ASN:HD22	1:80:A:TYR:H	5	0.54	0.32	0.35
(13,1907)	1:10:A:ASN:HD21	1:80:A:TYR:H	5	0.54	0.32	0.35
(13,1907)	1:10:A:ASN:HD22	1:80:A:TYR:H	5	0.54	0.32	0.35
(15,1644)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	5	0.54	0.32	0.35
(15,1644)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	5	0.54	0.32	0.35
(15,1644)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	5	0.54	0.32	0.35
(18,1943)	1:10:A:ASN:HD21	1:80:A:TYR:H	5	0.54	0.32	0.35
(18,1943)	1:10:A:ASN:HD22	1:80:A:TYR:H	5	0.54	0.32	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,1339)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	5	0.54	0.32	0.35
(32,1339)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	5	0.54	0.32	0.35
(32,1339)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	5	0.54	0.32	0.35
(2,1219)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	5	0.54	0.16	0.56
(2,1219)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	5	0.54	0.16	0.56
(2,1219)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	5	0.54	0.16	0.56
(4,1203)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	5	0.54	0.16	0.56
(4,1203)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	5	0.54	0.16	0.56
(4,1203)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	5	0.54	0.16	0.56
(6,1218)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	5	0.54	0.16	0.56
(6,1218)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	5	0.54	0.16	0.56
(6,1218)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	5	0.54	0.16	0.56
(11,1243)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	5	0.54	0.16	0.56
(11,1243)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	5	0.54	0.16	0.56
(11,1243)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	5	0.54	0.16	0.56
(13,1201)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	5	0.54	0.16	0.56
(13,1201)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	5	0.54	0.16	0.56
(13,1201)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	5	0.54	0.16	0.56
(30,1222)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	5	0.54	0.16	0.56
(30,1222)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	5	0.54	0.16	0.56
(30,1222)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	5	0.54	0.16	0.56
(32,2274)	1:79:A:THR:HG21	1:81:A:GLU:HB2	5	0.54	0.42	0.5
(32,2274)	1:79:A:THR:HG21	1:81:A:GLU:HB3	5	0.54	0.42	0.5
(32,2274)	1:79:A:THR:HG22	1:81:A:GLU:HB2	5	0.54	0.42	0.5
(32,2274)	1:79:A:THR:HG22	1:81:A:GLU:HB3	5	0.54	0.42	0.5
(32,2274)	1:79:A:THR:HG23	1:81:A:GLU:HB2	5	0.54	0.42	0.5
(32,2274)	1:79:A:THR:HG23	1:81:A:GLU:HB3	5	0.54	0.42	0.5
(34,1252)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	5	0.54	0.16	0.56
(34,1252)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	5	0.54	0.16	0.56
(34,1252)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	5	0.54	0.16	0.56
(1,72)	1:79:A:THR:HG21	1:81:A:GLU:H	5	0.53	0.23	0.53
(1,72)	1:79:A:THR:HG22	1:81:A:GLU:H	5	0.53	0.23	0.53
(1,72)	1:79:A:THR:HG23	1:81:A:GLU:H	5	0.53	0.23	0.53
(1,1239)	1:39:A:VAL:H	1:139:A:LEU:HD21	5	0.53	0.48	0.27
(1,1239)	1:39:A:VAL:H	1:139:A:LEU:HD22	5	0.53	0.48	0.27
(1,1239)	1:39:A:VAL:H	1:139:A:LEU:HD23	5	0.53	0.48	0.27
(2,68)	1:79:A:THR:HG21	1:81:A:GLU:H	5	0.53	0.23	0.53
(2,68)	1:79:A:THR:HG22	1:81:A:GLU:H	5	0.53	0.23	0.53
(2,68)	1:79:A:THR:HG23	1:81:A:GLU:H	5	0.53	0.23	0.53
(4,70)	1:79:A:THR:HG21	1:81:A:GLU:H	5	0.53	0.23	0.53
(4,70)	1:79:A:THR:HG22	1:81:A:GLU:H	5	0.53	0.23	0.53
(4,70)	1:79:A:THR:HG23	1:81:A:GLU:H	5	0.53	0.23	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,65)	1:79:A:THR:HG21	1:81:A:GLU:H	5	0.53	0.23	0.53
(5,65)	1:79:A:THR:HG22	1:81:A:GLU:H	5	0.53	0.23	0.53
(5,65)	1:79:A:THR:HG23	1:81:A:GLU:H	5	0.53	0.23	0.53
(6,69)	1:79:A:THR:HG21	1:81:A:GLU:H	5	0.53	0.23	0.53
(6,69)	1:79:A:THR:HG22	1:81:A:GLU:H	5	0.53	0.23	0.53
(6,69)	1:79:A:THR:HG23	1:81:A:GLU:H	5	0.53	0.23	0.53
(7,66)	1:79:A:THR:HG21	1:81:A:GLU:H	5	0.53	0.23	0.53
(7,66)	1:79:A:THR:HG22	1:81:A:GLU:H	5	0.53	0.23	0.53
(7,66)	1:79:A:THR:HG23	1:81:A:GLU:H	5	0.53	0.23	0.53
(9,70)	1:79:A:THR:HG21	1:81:A:GLU:H	5	0.53	0.23	0.53
(9,70)	1:79:A:THR:HG22	1:81:A:GLU:H	5	0.53	0.23	0.53
(9,70)	1:79:A:THR:HG23	1:81:A:GLU:H	5	0.53	0.23	0.53
(11,400)	1:105:A:LYS:HD2	1:106:A:ASP:H	5	0.53	0.14	0.52
(11,400)	1:105:A:LYS:HD3	1:106:A:ASP:H	5	0.53	0.14	0.52
(13,67)	1:79:A:THR:HG21	1:81:A:GLU:H	5	0.53	0.23	0.53
(13,67)	1:79:A:THR:HG22	1:81:A:GLU:H	5	0.53	0.23	0.53
(13,67)	1:79:A:THR:HG23	1:81:A:GLU:H	5	0.53	0.23	0.53
(18,74)	1:79:A:THR:HG21	1:81:A:GLU:H	5	0.53	0.23	0.53
(18,74)	1:79:A:THR:HG22	1:81:A:GLU:H	5	0.53	0.23	0.53
(18,74)	1:79:A:THR:HG23	1:81:A:GLU:H	5	0.53	0.23	0.53
(29,72)	1:79:A:THR:HG21	1:81:A:GLU:H	5	0.53	0.23	0.53
(29,72)	1:79:A:THR:HG22	1:81:A:GLU:H	5	0.53	0.23	0.53
(29,72)	1:79:A:THR:HG23	1:81:A:GLU:H	5	0.53	0.23	0.53
(32,65)	1:79:A:THR:HG21	1:81:A:GLU:H	5	0.53	0.23	0.53
(32,65)	1:79:A:THR:HG22	1:81:A:GLU:H	5	0.53	0.23	0.53
(32,65)	1:79:A:THR:HG23	1:81:A:GLU:H	5	0.53	0.23	0.53
(33,74)	1:79:A:THR:HG21	1:81:A:GLU:H	5	0.53	0.23	0.53
(33,74)	1:79:A:THR:HG22	1:81:A:GLU:H	5	0.53	0.23	0.53
(33,74)	1:79:A:THR:HG23	1:81:A:GLU:H	5	0.53	0.23	0.53
(1,1048)	1:11:A:ILE:HB	1:44:A:GLU:HB2	5	0.53	0.57	0.3
(1,1048)	1:11:A:ILE:HB	1:44:A:GLU:HB3	5	0.53	0.57	0.3
(3,1781)	1:36:A:PRO:HA	1:37:A:LEU:HD21	5	0.53	0.2	0.38
(3,1781)	1:36:A:PRO:HA	1:37:A:LEU:HD22	5	0.53	0.2	0.38
(3,1781)	1:36:A:PRO:HA	1:37:A:LEU:HD23	5	0.53	0.2	0.38
(18,1052)	1:11:A:ILE:HB	1:44:A:GLU:HB2	5	0.53	0.57	0.3
(18,1052)	1:11:A:ILE:HB	1:44:A:GLU:HB3	5	0.53	0.57	0.3
(2,842)	1:68:A:LYS:HA	1:68:A:LYS:HE2	5	0.53	0.5	0.26
(2,842)	1:68:A:LYS:HA	1:68:A:LYS:HE3	5	0.53	0.5	0.26
(3,864)	1:68:A:LYS:HA	1:68:A:LYS:HE2	5	0.53	0.5	0.26
(3,864)	1:68:A:LYS:HA	1:68:A:LYS:HE3	5	0.53	0.5	0.26
(4,844)	1:68:A:LYS:HA	1:68:A:LYS:HE2	5	0.53	0.5	0.26
(4,844)	1:68:A:LYS:HA	1:68:A:LYS:HE3	5	0.53	0.5	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,845)	1:68:A:LYS:HA	1:68:A:LYS:HE2	5	0.53	0.5	0.26
(5,845)	1:68:A:LYS:HA	1:68:A:LYS:HE3	5	0.53	0.5	0.26
(7,837)	1:68:A:LYS:HA	1:68:A:LYS:HE2	5	0.53	0.5	0.26
(7,837)	1:68:A:LYS:HA	1:68:A:LYS:HE3	5	0.53	0.5	0.26
(9,843)	1:68:A:LYS:HA	1:68:A:LYS:HE2	5	0.53	0.5	0.26
(9,843)	1:68:A:LYS:HA	1:68:A:LYS:HE3	5	0.53	0.5	0.26
(9,1248)	1:21:A:THR:HG21	1:23:A:LEU:HA	5	0.53	0.24	0.68
(9,1248)	1:21:A:THR:HG22	1:23:A:LEU:HA	5	0.53	0.24	0.68
(9,1248)	1:21:A:THR:HG23	1:23:A:LEU:HA	5	0.53	0.24	0.68
(13,831)	1:68:A:LYS:HA	1:68:A:LYS:HE2	5	0.53	0.5	0.26
(13,831)	1:68:A:LYS:HA	1:68:A:LYS:HE3	5	0.53	0.5	0.26
(15,848)	1:68:A:LYS:HA	1:68:A:LYS:HE2	5	0.53	0.5	0.26
(15,848)	1:68:A:LYS:HA	1:68:A:LYS:HE3	5	0.53	0.5	0.26
(17,854)	1:68:A:LYS:HA	1:68:A:LYS:HE2	5	0.53	0.5	0.26
(17,854)	1:68:A:LYS:HA	1:68:A:LYS:HE3	5	0.53	0.5	0.26
(18,854)	1:68:A:LYS:HA	1:68:A:LYS:HE2	5	0.53	0.5	0.26
(18,854)	1:68:A:LYS:HA	1:68:A:LYS:HE3	5	0.53	0.5	0.26
(29,857)	1:68:A:LYS:HA	1:68:A:LYS:HE2	5	0.53	0.5	0.26
(29,857)	1:68:A:LYS:HA	1:68:A:LYS:HE3	5	0.53	0.5	0.26
(32,825)	1:68:A:LYS:HA	1:68:A:LYS:HE2	5	0.53	0.5	0.26
(32,825)	1:68:A:LYS:HA	1:68:A:LYS:HE3	5	0.53	0.5	0.26
(34,851)	1:68:A:LYS:HA	1:68:A:LYS:HE2	5	0.53	0.5	0.26
(34,851)	1:68:A:LYS:HA	1:68:A:LYS:HE3	5	0.53	0.5	0.26
(1,2005)	1:18:A:PHE:HB2	1:132:A:ALA:HA	5	0.53	0.29	0.66
(1,2005)	1:18:A:PHE:HB3	1:132:A:ALA:HA	5	0.53	0.29	0.66
(5,2010)	1:18:A:PHE:HB2	1:132:A:ALA:HA	5	0.53	0.29	0.66
(5,2010)	1:18:A:PHE:HB3	1:132:A:ALA:HA	5	0.53	0.29	0.66
(1,1106)	1:136:A:CYS:HB3	1:141:A:LYS:HA	5	0.53	0.49	0.3
(3,1113)	1:136:A:CYS:HB3	1:141:A:LYS:HA	5	0.53	0.49	0.3
(5,387)	1:105:A:LYS:HD2	1:106:A:ASP:H	5	0.52	0.14	0.51
(5,387)	1:105:A:LYS:HD3	1:106:A:ASP:H	5	0.52	0.14	0.51
(13,390)	1:105:A:LYS:HD2	1:106:A:ASP:H	5	0.52	0.14	0.51
(13,390)	1:105:A:LYS:HD3	1:106:A:ASP:H	5	0.52	0.14	0.51
(4,933)	1:69:A:MET:HG2	1:109:A:PRO:HA	5	0.52	0.05	0.49
(9,942)	1:69:A:MET:HG2	1:109:A:PRO:HA	5	0.52	0.05	0.49
(5,1660)	1:134:A:VAL:HG21	1:137:A:SER:H	5	0.51	0.32	0.4
(5,1660)	1:134:A:VAL:HG22	1:137:A:SER:H	5	0.51	0.32	0.4
(5,1660)	1:134:A:VAL:HG23	1:137:A:SER:H	5	0.51	0.32	0.4
(6,1656)	1:134:A:VAL:HG21	1:137:A:SER:H	5	0.51	0.32	0.4
(6,1656)	1:134:A:VAL:HG22	1:137:A:SER:H	5	0.51	0.32	0.4
(6,1656)	1:134:A:VAL:HG23	1:137:A:SER:H	5	0.51	0.32	0.4
(16,1634)	1:134:A:VAL:HG21	1:137:A:SER:H	5	0.51	0.32	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1634)	1:134:A:VAL:HG22	1:137:A:SER:H	5	0.51	0.32	0.4
(16,1634)	1:134:A:VAL:HG23	1:137:A:SER:H	5	0.51	0.32	0.4
(33,1644)	1:134:A:VAL:HG21	1:137:A:SER:H	5	0.51	0.32	0.4
(33,1644)	1:134:A:VAL:HG22	1:137:A:SER:H	5	0.51	0.32	0.4
(33,1644)	1:134:A:VAL:HG23	1:137:A:SER:H	5	0.51	0.32	0.4
(2,142)	1:59:A:CYS:H	1:60:A:LEU:HD21	5	0.51	0.31	0.51
(2,142)	1:59:A:CYS:H	1:60:A:LEU:HD22	5	0.51	0.31	0.51
(2,142)	1:59:A:CYS:H	1:60:A:LEU:HD23	5	0.51	0.31	0.51
(3,1876)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	5	0.51	0.25	0.7
(3,1876)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	5	0.51	0.25	0.7
(4,1824)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	5	0.51	0.25	0.7
(4,1824)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	5	0.51	0.25	0.7
(6,142)	1:59:A:CYS:H	1:60:A:LEU:HD21	5	0.51	0.31	0.51
(6,142)	1:59:A:CYS:H	1:60:A:LEU:HD22	5	0.51	0.31	0.51
(6,142)	1:59:A:CYS:H	1:60:A:LEU:HD23	5	0.51	0.31	0.51
(6,1850)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	5	0.51	0.25	0.7
(6,1850)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	5	0.51	0.25	0.7
(9,143)	1:59:A:CYS:H	1:60:A:LEU:HD21	5	0.51	0.31	0.51
(9,143)	1:59:A:CYS:H	1:60:A:LEU:HD22	5	0.51	0.31	0.51
(9,143)	1:59:A:CYS:H	1:60:A:LEU:HD23	5	0.51	0.31	0.51
(11,145)	1:59:A:CYS:H	1:60:A:LEU:HD21	5	0.51	0.31	0.51
(11,145)	1:59:A:CYS:H	1:60:A:LEU:HD22	5	0.51	0.31	0.51
(11,145)	1:59:A:CYS:H	1:60:A:LEU:HD23	5	0.51	0.31	0.51
(11,1871)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	5	0.51	0.25	0.7
(11,1871)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	5	0.51	0.25	0.7
(15,1831)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	5	0.51	0.25	0.7
(15,1831)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	5	0.51	0.25	0.7
(16,1835)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	5	0.51	0.25	0.7
(16,1835)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	5	0.51	0.25	0.7
(17,144)	1:59:A:CYS:H	1:60:A:LEU:HD21	5	0.51	0.31	0.51
(17,144)	1:59:A:CYS:H	1:60:A:LEU:HD22	5	0.51	0.31	0.51
(17,144)	1:59:A:CYS:H	1:60:A:LEU:HD23	5	0.51	0.31	0.51
(30,145)	1:59:A:CYS:H	1:60:A:LEU:HD21	5	0.51	0.31	0.51
(30,145)	1:59:A:CYS:H	1:60:A:LEU:HD22	5	0.51	0.31	0.51
(30,145)	1:59:A:CYS:H	1:60:A:LEU:HD23	5	0.51	0.31	0.51
(30,1846)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	5	0.51	0.25	0.7
(30,1846)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	5	0.51	0.25	0.7
(33,1844)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	5	0.51	0.25	0.7
(33,1844)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	5	0.51	0.25	0.7
(34,149)	1:59:A:CYS:H	1:60:A:LEU:HD21	5	0.51	0.31	0.51
(34,149)	1:59:A:CYS:H	1:60:A:LEU:HD22	5	0.51	0.31	0.51
(34,149)	1:59:A:CYS:H	1:60:A:LEU:HD23	5	0.51	0.31	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,920)	1:79:A:THR:HG21	1:81:A:GLU:HG2	5	0.51	0.33	0.38
(2,920)	1:79:A:THR:HG21	1:81:A:GLU:HG3	5	0.51	0.33	0.38
(2,920)	1:79:A:THR:HG22	1:81:A:GLU:HG2	5	0.51	0.33	0.38
(2,920)	1:79:A:THR:HG22	1:81:A:GLU:HG3	5	0.51	0.33	0.38
(2,920)	1:79:A:THR:HG23	1:81:A:GLU:HG2	5	0.51	0.33	0.38
(2,920)	1:79:A:THR:HG23	1:81:A:GLU:HG3	5	0.51	0.33	0.38
(7,920)	1:79:A:THR:HG21	1:81:A:GLU:HG2	5	0.51	0.33	0.38
(7,920)	1:79:A:THR:HG21	1:81:A:GLU:HG3	5	0.51	0.33	0.38
(7,920)	1:79:A:THR:HG22	1:81:A:GLU:HG2	5	0.51	0.33	0.38
(7,920)	1:79:A:THR:HG22	1:81:A:GLU:HG3	5	0.51	0.33	0.38
(7,920)	1:79:A:THR:HG23	1:81:A:GLU:HG2	5	0.51	0.33	0.38
(7,920)	1:79:A:THR:HG23	1:81:A:GLU:HG3	5	0.51	0.33	0.38
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	5	0.5	0.34	0.45
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	5	0.5	0.34	0.45
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	5	0.5	0.34	0.45
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	5	0.5	0.34	0.45
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	5	0.5	0.34	0.45
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	5	0.5	0.34	0.45
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	5	0.5	0.34	0.45
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	5	0.5	0.34	0.45
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	5	0.5	0.34	0.45
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	5	0.5	0.34	0.45
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	5	0.5	0.34	0.45
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	5	0.5	0.34	0.45
(1,725)	1:54:A:ARG:HE	1:58:A:ILE:HD11	5	0.5	0.17	0.48
(1,725)	1:54:A:ARG:HE	1:58:A:ILE:HD12	5	0.5	0.17	0.48
(1,725)	1:54:A:ARG:HE	1:58:A:ILE:HD13	5	0.5	0.17	0.48
(3,727)	1:54:A:ARG:HE	1:58:A:ILE:HD11	5	0.5	0.17	0.48
(3,727)	1:54:A:ARG:HE	1:58:A:ILE:HD12	5	0.5	0.17	0.48
(3,727)	1:54:A:ARG:HE	1:58:A:ILE:HD13	5	0.5	0.17	0.48
(5,718)	1:54:A:ARG:HE	1:58:A:ILE:HD11	5	0.5	0.17	0.48
(5,718)	1:54:A:ARG:HE	1:58:A:ILE:HD12	5	0.5	0.17	0.48
(5,718)	1:54:A:ARG:HE	1:58:A:ILE:HD13	5	0.5	0.17	0.48
(6,2208)	1:60:A:LEU:HB3	1:120:A:CYS:HB2	5	0.5	0.17	0.57
(6,2208)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	5	0.5	0.17	0.57
(7,713)	1:54:A:ARG:HE	1:58:A:ILE:HD11	5	0.5	0.17	0.48
(7,713)	1:54:A:ARG:HE	1:58:A:ILE:HD12	5	0.5	0.17	0.48
(7,713)	1:54:A:ARG:HE	1:58:A:ILE:HD13	5	0.5	0.17	0.48
(11,720)	1:54:A:ARG:HE	1:58:A:ILE:HD11	5	0.5	0.17	0.48
(11,720)	1:54:A:ARG:HE	1:58:A:ILE:HD12	5	0.5	0.17	0.48
(11,720)	1:54:A:ARG:HE	1:58:A:ILE:HD13	5	0.5	0.17	0.48
(13,703)	1:54:A:ARG:HE	1:58:A:ILE:HD11	5	0.5	0.17	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,703)	1:54:A:ARG:HE	1:58:A:ILE:HD12	5	0.5	0.17	0.48
(13,703)	1:54:A:ARG:HE	1:58:A:ILE:HD13	5	0.5	0.17	0.48
(15,720)	1:54:A:ARG:HE	1:58:A:ILE:HD11	5	0.5	0.17	0.48
(15,720)	1:54:A:ARG:HE	1:58:A:ILE:HD12	5	0.5	0.17	0.48
(15,720)	1:54:A:ARG:HE	1:58:A:ILE:HD13	5	0.5	0.17	0.48
(16,726)	1:54:A:ARG:HE	1:58:A:ILE:HD11	5	0.5	0.17	0.48
(16,726)	1:54:A:ARG:HE	1:58:A:ILE:HD12	5	0.5	0.17	0.48
(16,726)	1:54:A:ARG:HE	1:58:A:ILE:HD13	5	0.5	0.17	0.48
(17,721)	1:54:A:ARG:HE	1:58:A:ILE:HD11	5	0.5	0.17	0.48
(17,721)	1:54:A:ARG:HE	1:58:A:ILE:HD12	5	0.5	0.17	0.48
(17,721)	1:54:A:ARG:HE	1:58:A:ILE:HD13	5	0.5	0.17	0.48
(1,1013)	1:12:A:VAL:HB	1:43:A:MET:HE1	5	0.5	0.29	0.36
(1,1013)	1:12:A:VAL:HB	1:43:A:MET:HE2	5	0.5	0.29	0.36
(1,1013)	1:12:A:VAL:HB	1:43:A:MET:HE3	5	0.5	0.29	0.36
(3,1965)	1:10:A:ASN:HB2	1:61:A:SER:HA	5	0.5	0.16	0.41
(3,1965)	1:10:A:ASN:HB3	1:61:A:SER:HA	5	0.5	0.16	0.41
(4,698)	1:23:A:LEU:HD21	1:27:A:ARG:HE	5	0.5	0.21	0.58
(4,698)	1:23:A:LEU:HD22	1:27:A:ARG:HE	5	0.5	0.21	0.58
(4,698)	1:23:A:LEU:HD23	1:27:A:ARG:HE	5	0.5	0.21	0.58
(4,1922)	1:10:A:ASN:HB2	1:61:A:SER:HA	5	0.5	0.16	0.41
(4,1922)	1:10:A:ASN:HB3	1:61:A:SER:HA	5	0.5	0.16	0.41
(9,1936)	1:10:A:ASN:HB2	1:61:A:SER:HA	5	0.5	0.16	0.41
(9,1936)	1:10:A:ASN:HB3	1:61:A:SER:HA	5	0.5	0.16	0.41
(11,1960)	1:10:A:ASN:HB2	1:61:A:SER:HA	5	0.5	0.16	0.41
(11,1960)	1:10:A:ASN:HB3	1:61:A:SER:HA	5	0.5	0.16	0.41
(13,693)	1:23:A:LEU:HD21	1:27:A:ARG:HE	5	0.5	0.21	0.58
(13,693)	1:23:A:LEU:HD22	1:27:A:ARG:HE	5	0.5	0.21	0.58
(13,693)	1:23:A:LEU:HD23	1:27:A:ARG:HE	5	0.5	0.21	0.58
(18,1936)	1:10:A:ASN:HB2	1:61:A:SER:HA	5	0.5	0.16	0.41
(18,1936)	1:10:A:ASN:HB3	1:61:A:SER:HA	5	0.5	0.16	0.41
(30,704)	1:23:A:LEU:HD21	1:27:A:ARG:HE	5	0.5	0.21	0.58
(30,704)	1:23:A:LEU:HD22	1:27:A:ARG:HE	5	0.5	0.21	0.58
(30,704)	1:23:A:LEU:HD23	1:27:A:ARG:HE	5	0.5	0.21	0.58
(32,1908)	1:10:A:ASN:HB2	1:61:A:SER:HA	5	0.5	0.16	0.41
(32,1908)	1:10:A:ASN:HB3	1:61:A:SER:HA	5	0.5	0.16	0.41
(33,1937)	1:10:A:ASN:HB2	1:61:A:SER:HA	5	0.5	0.16	0.41
(33,1937)	1:10:A:ASN:HB3	1:61:A:SER:HA	5	0.5	0.16	0.41
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD11	5	0.49	0.34	0.35
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD12	5	0.49	0.34	0.35
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD13	5	0.49	0.34	0.35
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD21	5	0.49	0.34	0.35
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD22	5	0.49	0.34	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD23	5	0.49	0.34	0.35
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	5	0.49	0.34	0.35
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	5	0.49	0.34	0.35
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	5	0.49	0.34	0.35
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD21	5	0.49	0.34	0.35
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD22	5	0.49	0.34	0.35
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD23	5	0.49	0.34	0.35
(3,2318)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	5	0.49	0.22	0.51
(3,2318)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	5	0.49	0.22	0.51
(3,2318)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	5	0.49	0.22	0.51
(3,2318)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	5	0.49	0.22	0.51
(3,2318)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	5	0.49	0.22	0.51
(3,2318)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	5	0.49	0.22	0.51
(3,2318)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	5	0.49	0.22	0.51
(3,2318)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	5	0.49	0.22	0.51
(3,2318)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	5	0.49	0.22	0.51
(3,2318)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	5	0.49	0.22	0.51
(3,2318)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	5	0.49	0.22	0.51
(3,2318)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	5	0.49	0.22	0.51
(3,2318)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	5	0.49	0.22	0.51
(3,2318)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	5	0.49	0.22	0.51
(3,2318)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	5	0.49	0.22	0.51
(3,2318)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	5	0.49	0.22	0.51
(3,2318)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	5	0.49	0.22	0.51
(3,2318)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	5	0.49	0.22	0.51
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	5	0.49	0.37	0.37
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	5	0.49	0.37	0.37
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	5	0.49	0.37	0.37
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	5	0.49	0.37	0.37
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	5	0.49	0.37	0.37
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	5	0.49	0.37	0.37
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	5	0.49	0.37	0.37
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	5	0.49	0.37	0.37
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	5	0.49	0.37	0.37
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	5	0.49	0.37	0.37
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	5	0.49	0.37	0.37
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	5	0.49	0.37	0.37
(13,2404)	1:131:A:LEU:HD11	1:134:A:VAL:HB	5	0.49	0.33	0.36
(13,2404)	1:131:A:LEU:HD12	1:134:A:VAL:HB	5	0.49	0.33	0.36
(13,2404)	1:131:A:LEU:HD13	1:134:A:VAL:HB	5	0.49	0.33	0.36
(13,2404)	1:131:A:LEU:HD21	1:134:A:VAL:HB	5	0.49	0.33	0.36
(13,2404)	1:131:A:LEU:HD22	1:134:A:VAL:HB	5	0.49	0.33	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,2404)	1:131:A:LEU:HD23	1:134:A:VAL:HB	5	0.49	0.33	0.36
(18,1834)	1:80:A:TYR:HE1	1:81:A:GLU:HB3	5	0.49	0.14	0.52
(18,1834)	1:80:A:TYR:HE2	1:81:A:GLU:HB3	5	0.49	0.14	0.52
(33,2439)	1:131:A:LEU:HD11	1:134:A:VAL:HB	5	0.49	0.33	0.36
(33,2439)	1:131:A:LEU:HD12	1:134:A:VAL:HB	5	0.49	0.33	0.36
(33,2439)	1:131:A:LEU:HD13	1:134:A:VAL:HB	5	0.49	0.33	0.36
(33,2439)	1:131:A:LEU:HD21	1:134:A:VAL:HB	5	0.49	0.33	0.36
(33,2439)	1:131:A:LEU:HD22	1:134:A:VAL:HB	5	0.49	0.33	0.36
(33,2439)	1:131:A:LEU:HD23	1:134:A:VAL:HB	5	0.49	0.33	0.36
(34,2439)	1:131:A:LEU:HD11	1:134:A:VAL:HB	5	0.49	0.33	0.36
(34,2439)	1:131:A:LEU:HD12	1:134:A:VAL:HB	5	0.49	0.33	0.36
(34,2439)	1:131:A:LEU:HD13	1:134:A:VAL:HB	5	0.49	0.33	0.36
(34,2439)	1:131:A:LEU:HD21	1:134:A:VAL:HB	5	0.49	0.33	0.36
(34,2439)	1:131:A:LEU:HD22	1:134:A:VAL:HB	5	0.49	0.33	0.36
(34,2439)	1:131:A:LEU:HD23	1:134:A:VAL:HB	5	0.49	0.33	0.36
(1,396)	1:105:A:LYS:HD2	1:106:A:ASP:H	5	0.48	0.14	0.47
(1,396)	1:105:A:LYS:HD3	1:106:A:ASP:H	5	0.48	0.14	0.47
(6,582)	1:70:A:LYS:HB2	1:75:A:GLY:H	5	0.48	0.22	0.45
(6,582)	1:70:A:LYS:HB3	1:75:A:GLY:H	5	0.48	0.22	0.45
(9,588)	1:70:A:LYS:HB2	1:75:A:GLY:H	5	0.48	0.22	0.45
(9,588)	1:70:A:LYS:HB3	1:75:A:GLY:H	5	0.48	0.22	0.45
(34,2000)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	5	0.48	0.3	0.29
(34,2000)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	5	0.48	0.3	0.29
(34,2000)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	5	0.48	0.3	0.29
(34,2000)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	5	0.48	0.3	0.29
(34,2000)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	5	0.48	0.3	0.29
(34,2000)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	5	0.48	0.3	0.29
(34,2000)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	5	0.48	0.3	0.29
(34,2000)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	5	0.48	0.3	0.29
(34,2000)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	5	0.48	0.3	0.29
(34,2000)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	5	0.48	0.3	0.29
(34,2000)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	5	0.48	0.3	0.29
(34,2000)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	5	0.48	0.3	0.29
(34,2000)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	5	0.48	0.3	0.29
(34,2000)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	5	0.48	0.3	0.29
(34,2000)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	5	0.48	0.3	0.29
(34,2000)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	5	0.48	0.3	0.29
(34,2000)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	5	0.48	0.3	0.29
(34,2000)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	5	0.48	0.3	0.29
(1,5)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	5	0.48	0.05	0.52
(1,5)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	5	0.48	0.05	0.52
(2,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	5	0.48	0.05	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	5	0.48	0.05	0.52
(3,5)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	5	0.48	0.05	0.52
(3,5)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	5	0.48	0.05	0.52
(4,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	5	0.48	0.05	0.52
(4,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	5	0.48	0.05	0.52
(7,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	5	0.48	0.05	0.52
(7,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	5	0.48	0.05	0.52
(11,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	5	0.48	0.05	0.52
(11,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	5	0.48	0.05	0.52
(16,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	5	0.48	0.05	0.52
(16,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	5	0.48	0.05	0.52
(30,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	5	0.48	0.05	0.52
(30,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	5	0.48	0.05	0.52
(33,1181)	1:43:A:MET:HB2	1:140:A:LEU:HD11	5	0.48	0.33	0.44
(33,1181)	1:43:A:MET:HB2	1:140:A:LEU:HD12	5	0.48	0.33	0.44
(33,1181)	1:43:A:MET:HB2	1:140:A:LEU:HD13	5	0.48	0.33	0.44
(15,1388)	1:19:A:ALA:HB1	1:21:A:THR:HG21	5	0.48	0.4	0.33
(15,1388)	1:19:A:ALA:HB1	1:21:A:THR:HG22	5	0.48	0.4	0.33
(15,1388)	1:19:A:ALA:HB1	1:21:A:THR:HG23	5	0.48	0.4	0.33
(15,1388)	1:19:A:ALA:HB2	1:21:A:THR:HG21	5	0.48	0.4	0.33
(15,1388)	1:19:A:ALA:HB2	1:21:A:THR:HG22	5	0.48	0.4	0.33
(15,1388)	1:19:A:ALA:HB2	1:21:A:THR:HG23	5	0.48	0.4	0.33
(15,1388)	1:19:A:ALA:HB3	1:21:A:THR:HG21	5	0.48	0.4	0.33
(15,1388)	1:19:A:ALA:HB3	1:21:A:THR:HG22	5	0.48	0.4	0.33
(15,1388)	1:19:A:ALA:HB3	1:21:A:THR:HG23	5	0.48	0.4	0.33
(3,966)	1:39:A:VAL:HA	1:140:A:LEU:HD11	5	0.48	0.32	0.26
(3,966)	1:39:A:VAL:HA	1:140:A:LEU:HD12	5	0.48	0.32	0.26
(3,966)	1:39:A:VAL:HA	1:140:A:LEU:HD13	5	0.48	0.32	0.26
(4,1799)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	5	0.48	0.2	0.45
(4,1799)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	5	0.48	0.2	0.45
(4,1799)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	5	0.48	0.2	0.45
(4,1799)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	5	0.48	0.2	0.45
(4,1799)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	5	0.48	0.2	0.45
(4,1799)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	5	0.48	0.2	0.45
(11,830)	1:110:A:MET:HG2	1:114:A:ILE:HD11	5	0.48	0.14	0.51
(11,830)	1:110:A:MET:HG2	1:114:A:ILE:HD12	5	0.48	0.14	0.51
(11,830)	1:110:A:MET:HG2	1:114:A:ILE:HD13	5	0.48	0.14	0.51
(11,830)	1:110:A:MET:HG3	1:114:A:ILE:HD11	5	0.48	0.14	0.51
(11,830)	1:110:A:MET:HG3	1:114:A:ILE:HD12	5	0.48	0.14	0.51
(11,830)	1:110:A:MET:HG3	1:114:A:ILE:HD13	5	0.48	0.14	0.51
(15,836)	1:110:A:MET:HG2	1:114:A:ILE:HD11	5	0.48	0.14	0.51
(15,836)	1:110:A:MET:HG2	1:114:A:ILE:HD12	5	0.48	0.14	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,836)	1:110:A:MET:HG2	1:114:A:ILE:HD13	5	0.48	0.14	0.51
(15,836)	1:110:A:MET:HG3	1:114:A:ILE:HD11	5	0.48	0.14	0.51
(15,836)	1:110:A:MET:HG3	1:114:A:ILE:HD12	5	0.48	0.14	0.51
(15,836)	1:110:A:MET:HG3	1:114:A:ILE:HD13	5	0.48	0.14	0.51
(17,2052)	1:23:A:LEU:HD11	1:27:A:ARG:HA	5	0.48	0.37	0.31
(17,2052)	1:23:A:LEU:HD12	1:27:A:ARG:HA	5	0.48	0.37	0.31
(17,2052)	1:23:A:LEU:HD13	1:27:A:ARG:HA	5	0.48	0.37	0.31
(17,2052)	1:23:A:LEU:HD21	1:27:A:ARG:HA	5	0.48	0.37	0.31
(17,2052)	1:23:A:LEU:HD22	1:27:A:ARG:HA	5	0.48	0.37	0.31
(17,2052)	1:23:A:LEU:HD23	1:27:A:ARG:HA	5	0.48	0.37	0.31
(18,962)	1:39:A:VAL:HA	1:140:A:LEU:HD11	5	0.48	0.32	0.26
(18,962)	1:39:A:VAL:HA	1:140:A:LEU:HD12	5	0.48	0.32	0.26
(18,962)	1:39:A:VAL:HA	1:140:A:LEU:HD13	5	0.48	0.32	0.26
(29,846)	1:110:A:MET:HG2	1:114:A:ILE:HD11	5	0.48	0.14	0.51
(29,846)	1:110:A:MET:HG2	1:114:A:ILE:HD12	5	0.48	0.14	0.51
(29,846)	1:110:A:MET:HG2	1:114:A:ILE:HD13	5	0.48	0.14	0.51
(29,846)	1:110:A:MET:HG3	1:114:A:ILE:HD11	5	0.48	0.14	0.51
(29,846)	1:110:A:MET:HG3	1:114:A:ILE:HD12	5	0.48	0.14	0.51
(29,846)	1:110:A:MET:HG3	1:114:A:ILE:HD13	5	0.48	0.14	0.51
(30,830)	1:110:A:MET:HG2	1:114:A:ILE:HD11	5	0.48	0.14	0.51
(30,830)	1:110:A:MET:HG2	1:114:A:ILE:HD12	5	0.48	0.14	0.51
(30,830)	1:110:A:MET:HG2	1:114:A:ILE:HD13	5	0.48	0.14	0.51
(30,830)	1:110:A:MET:HG3	1:114:A:ILE:HD11	5	0.48	0.14	0.51
(30,830)	1:110:A:MET:HG3	1:114:A:ILE:HD12	5	0.48	0.14	0.51
(30,830)	1:110:A:MET:HG3	1:114:A:ILE:HD13	5	0.48	0.14	0.51
(3,397)	1:105:A:LYS:HD2	1:106:A:ASP:H	5	0.47	0.14	0.46
(3,397)	1:105:A:LYS:HD3	1:106:A:ASP:H	5	0.47	0.14	0.46
(16,399)	1:105:A:LYS:HD2	1:106:A:ASP:H	5	0.47	0.14	0.46
(16,399)	1:105:A:LYS:HD3	1:106:A:ASP:H	5	0.47	0.14	0.46
(32,384)	1:105:A:LYS:HD2	1:106:A:ASP:H	5	0.47	0.14	0.46
(32,384)	1:105:A:LYS:HD3	1:106:A:ASP:H	5	0.47	0.14	0.46
(1,439)	1:143:A:TRP:H	1:144:A:LEU:HD11	5	0.47	0.14	0.48
(1,439)	1:143:A:TRP:H	1:144:A:LEU:HD12	5	0.47	0.14	0.48
(1,439)	1:143:A:TRP:H	1:144:A:LEU:HD13	5	0.47	0.14	0.48
(2,1223)	1:143:A:TRP:H	1:144:A:LEU:HD11	5	0.47	0.14	0.48
(2,1223)	1:143:A:TRP:H	1:144:A:LEU:HD12	5	0.47	0.14	0.48
(2,1223)	1:143:A:TRP:H	1:144:A:LEU:HD13	5	0.47	0.14	0.48
(4,1206)	1:143:A:TRP:H	1:144:A:LEU:HD11	5	0.47	0.14	0.48
(4,1206)	1:143:A:TRP:H	1:144:A:LEU:HD12	5	0.47	0.14	0.48
(4,1206)	1:143:A:TRP:H	1:144:A:LEU:HD13	5	0.47	0.14	0.48
(6,1221)	1:143:A:TRP:H	1:144:A:LEU:HD11	5	0.47	0.14	0.48
(6,1221)	1:143:A:TRP:H	1:144:A:LEU:HD12	5	0.47	0.14	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,1221)	1:143:A:TRP:H	1:144:A:LEU:HD13	5	0.47	0.14	0.48
(18,450)	1:143:A:TRP:H	1:144:A:LEU:HD11	5	0.47	0.14	0.48
(18,450)	1:143:A:TRP:H	1:144:A:LEU:HD12	5	0.47	0.14	0.48
(18,450)	1:143:A:TRP:H	1:144:A:LEU:HD13	5	0.47	0.14	0.48
(30,1226)	1:143:A:TRP:H	1:144:A:LEU:HD11	5	0.47	0.14	0.48
(30,1226)	1:143:A:TRP:H	1:144:A:LEU:HD12	5	0.47	0.14	0.48
(30,1226)	1:143:A:TRP:H	1:144:A:LEU:HD13	5	0.47	0.14	0.48
(32,425)	1:143:A:TRP:H	1:144:A:LEU:HD11	5	0.47	0.14	0.48
(32,425)	1:143:A:TRP:H	1:144:A:LEU:HD12	5	0.47	0.14	0.48
(32,425)	1:143:A:TRP:H	1:144:A:LEU:HD13	5	0.47	0.14	0.48
(34,1256)	1:143:A:TRP:H	1:144:A:LEU:HD11	5	0.47	0.14	0.48
(34,1256)	1:143:A:TRP:H	1:144:A:LEU:HD12	5	0.47	0.14	0.48
(34,1256)	1:143:A:TRP:H	1:144:A:LEU:HD13	5	0.47	0.14	0.48
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	5	0.47	0.33	0.44
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	5	0.47	0.33	0.44
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	5	0.47	0.33	0.44
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	5	0.47	0.33	0.44
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	5	0.47	0.33	0.44
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	5	0.47	0.33	0.44
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	5	0.47	0.33	0.44
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	5	0.47	0.33	0.44
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	5	0.47	0.33	0.44
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	5	0.47	0.33	0.44
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	5	0.47	0.33	0.44
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	5	0.47	0.33	0.44
(3,932)	1:44:A:GLU:HA	1:44:A:GLU:HG2	5	0.47	0.01	0.48
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	5	0.47	0.33	0.44
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	5	0.47	0.33	0.44
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	5	0.47	0.33	0.44
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	5	0.47	0.33	0.44
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	5	0.47	0.33	0.44
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	5	0.47	0.33	0.44
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	5	0.47	0.33	0.44
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	5	0.47	0.33	0.44
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	5	0.47	0.33	0.44
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	5	0.47	0.33	0.44
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	5	0.47	0.33	0.44
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	5	0.47	0.33	0.44
(4,905)	1:44:A:GLU:HA	1:44:A:GLU:HG2	5	0.47	0.01	0.48
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	5	0.47	0.33	0.44
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	5	0.47	0.33	0.44
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	5	0.47	0.33	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	5	0.47	0.33	0.44
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	5	0.47	0.33	0.44
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	5	0.47	0.33	0.44
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	5	0.47	0.33	0.44
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	5	0.47	0.33	0.44
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	5	0.47	0.33	0.44
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	5	0.47	0.33	0.44
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	5	0.47	0.33	0.44
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	5	0.47	0.33	0.44
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	5	0.47	0.33	0.44
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	5	0.47	0.33	0.44
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	5	0.47	0.33	0.44
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	5	0.47	0.33	0.44
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	5	0.47	0.33	0.44
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	5	0.47	0.33	0.44
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	5	0.47	0.33	0.44
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	5	0.47	0.33	0.44
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	5	0.47	0.33	0.44
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	5	0.47	0.33	0.44
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	5	0.47	0.33	0.44
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	5	0.47	0.33	0.44
(6,905)	1:44:A:GLU:HA	1:44:A:GLU:HG2	5	0.47	0.01	0.48
(7,901)	1:44:A:GLU:HA	1:44:A:GLU:HG2	5	0.47	0.01	0.48
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	5	0.47	0.33	0.44
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	5	0.47	0.33	0.44
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	5	0.47	0.33	0.44
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	5	0.47	0.33	0.44
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	5	0.47	0.33	0.44
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	5	0.47	0.33	0.44
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	5	0.47	0.33	0.44
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	5	0.47	0.33	0.44
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	5	0.47	0.33	0.44
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	5	0.47	0.33	0.44
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	5	0.47	0.33	0.44
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	5	0.47	0.33	0.44
(17,917)	1:44:A:GLU:HA	1:44:A:GLU:HG2	5	0.47	0.01	0.48
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	5	0.47	0.33	0.44
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	5	0.47	0.33	0.44
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	5	0.47	0.33	0.44
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	5	0.47	0.33	0.44
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	5	0.47	0.33	0.44
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	5	0.47	0.33	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	5	0.47	0.33	0.44
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	5	0.47	0.33	0.44
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	5	0.47	0.33	0.44
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	5	0.47	0.33	0.44
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	5	0.47	0.33	0.44
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	5	0.47	0.33	0.44
(30,908)	1:44:A:GLU:HA	1:44:A:GLU:HG2	5	0.47	0.01	0.48
(30,1458)	1:15:A:ALA:HB1	1:132:A:ALA:HA	5	0.47	0.26	0.31
(30,1458)	1:15:A:ALA:HB2	1:132:A:ALA:HA	5	0.47	0.26	0.31
(30,1458)	1:15:A:ALA:HB3	1:132:A:ALA:HA	5	0.47	0.26	0.31
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	5	0.47	0.33	0.44
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	5	0.47	0.33	0.44
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	5	0.47	0.33	0.44
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	5	0.47	0.33	0.44
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	5	0.47	0.33	0.44
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	5	0.47	0.33	0.44
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	5	0.47	0.33	0.44
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	5	0.47	0.33	0.44
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	5	0.47	0.33	0.44
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	5	0.47	0.33	0.44
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	5	0.47	0.33	0.44
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	5	0.47	0.33	0.44
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	5	0.47	0.33	0.44
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	5	0.47	0.33	0.44
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	5	0.47	0.33	0.44
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	5	0.47	0.33	0.44
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	5	0.47	0.33	0.44
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	5	0.47	0.33	0.44
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	5	0.47	0.33	0.44
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	5	0.47	0.33	0.44
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	5	0.47	0.33	0.44
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	5	0.47	0.33	0.44
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	5	0.47	0.33	0.44
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	5	0.47	0.33	0.44
(5,2408)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	5	0.47	0.22	0.55
(5,2408)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	5	0.47	0.22	0.55
(6,2411)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	5	0.47	0.22	0.55
(6,2411)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	5	0.47	0.22	0.55
(32,2415)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	5	0.47	0.22	0.55
(32,2415)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	5	0.47	0.22	0.55
(5,1385)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	5	0.47	0.44	0.27
(5,1385)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	5	0.47	0.44	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,1385)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	5	0.47	0.44	0.27
(16,1645)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	5	0.47	0.44	0.27
(16,1645)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	5	0.47	0.44	0.27
(16,1645)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	5	0.47	0.44	0.27
(29,1675)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	5	0.47	0.44	0.27
(29,1675)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	5	0.47	0.44	0.27
(29,1675)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	5	0.47	0.44	0.27
(30,1363)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	5	0.47	0.44	0.27
(30,1363)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	5	0.47	0.44	0.27
(30,1363)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	5	0.47	0.44	0.27
(17,504)	1:70:A:LYS:HE2	1:71:A:LYS:H	5	0.46	0.28	0.28
(17,504)	1:70:A:LYS:HE3	1:71:A:LYS:H	5	0.46	0.28	0.28
(11,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	5	0.46	0.3	0.27
(11,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	5	0.46	0.3	0.27
(11,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	5	0.46	0.3	0.27
(11,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	5	0.46	0.3	0.27
(11,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	5	0.46	0.3	0.27
(11,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	5	0.46	0.3	0.27
(11,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	5	0.46	0.3	0.27
(11,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	5	0.46	0.3	0.27
(11,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	5	0.46	0.3	0.27
(11,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	5	0.46	0.3	0.27
(11,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	5	0.46	0.3	0.27
(11,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	5	0.46	0.3	0.27
(11,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	5	0.46	0.3	0.27
(11,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	5	0.46	0.3	0.27
(11,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	5	0.46	0.3	0.27
(11,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	5	0.46	0.3	0.27
(11,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	5	0.46	0.3	0.27
(11,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	5	0.46	0.3	0.27
(1,1779)	1:97:A:ASP:HA	1:105:A:LYS:HA	5	0.46	0.11	0.52
(7,1729)	1:97:A:ASP:HA	1:105:A:LYS:HA	5	0.46	0.11	0.52
(11,1802)	1:97:A:ASP:HA	1:105:A:LYS:HA	5	0.46	0.11	0.52
(30,1769)	1:97:A:ASP:HA	1:105:A:LYS:HA	5	0.46	0.11	0.52
(34,1778)	1:97:A:ASP:HA	1:105:A:LYS:HA	5	0.46	0.11	0.52
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD11	5	0.46	0.28	0.34
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD12	5	0.46	0.28	0.34
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD13	5	0.46	0.28	0.34
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD21	5	0.46	0.28	0.34
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD22	5	0.46	0.28	0.34
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD23	5	0.46	0.28	0.34
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD11	5	0.46	0.28	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD12	5	0.46	0.28	0.34
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD13	5	0.46	0.28	0.34
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD21	5	0.46	0.28	0.34
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD22	5	0.46	0.28	0.34
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD23	5	0.46	0.28	0.34
(2,830)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	5	0.46	0.29	0.34
(2,830)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	5	0.46	0.29	0.34
(2,830)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	5	0.46	0.29	0.34
(2,830)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	5	0.46	0.29	0.34
(2,830)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	5	0.46	0.29	0.34
(2,830)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	5	0.46	0.29	0.34
(2,830)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	5	0.46	0.29	0.34
(2,830)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	5	0.46	0.29	0.34
(2,830)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	5	0.46	0.29	0.34
(30,832)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	5	0.46	0.29	0.34
(30,832)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	5	0.46	0.29	0.34
(30,832)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	5	0.46	0.29	0.34
(30,832)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	5	0.46	0.29	0.34
(30,832)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	5	0.46	0.29	0.34
(30,832)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	5	0.46	0.29	0.34
(30,832)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	5	0.46	0.29	0.34
(30,832)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	5	0.46	0.29	0.34
(30,832)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	5	0.46	0.29	0.34
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD11	5	0.45	0.14	0.47
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD12	5	0.45	0.14	0.47
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD13	5	0.45	0.14	0.47
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD21	5	0.45	0.14	0.47
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD22	5	0.45	0.14	0.47
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD23	5	0.45	0.14	0.47
(4,802)	1:32:A:GLY:HA2	1:33:A:LYS:H	5	0.45	0.04	0.46
(5,806)	1:32:A:GLY:HA2	1:33:A:LYS:H	5	0.45	0.04	0.46
(6,801)	1:32:A:GLY:HA2	1:33:A:LYS:H	5	0.45	0.04	0.46
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	5	0.45	0.37	0.33
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	5	0.45	0.37	0.33
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	5	0.45	0.37	0.33
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	5	0.45	0.37	0.33
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	5	0.45	0.37	0.33
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	5	0.45	0.37	0.33
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	5	0.45	0.37	0.33
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	5	0.45	0.37	0.33
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	5	0.45	0.37	0.33
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	5	0.45	0.37	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	5	0.45	0.37	0.33
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	5	0.45	0.37	0.33
(13,791)	1:32:A:GLY:HA2	1:33:A:LYS:H	5	0.45	0.04	0.46
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD11	5	0.45	0.28	0.33
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD12	5	0.45	0.28	0.33
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD13	5	0.45	0.28	0.33
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD21	5	0.45	0.28	0.33
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD22	5	0.45	0.28	0.33
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD23	5	0.45	0.28	0.33
(18,817)	1:32:A:GLY:HA2	1:33:A:LYS:H	5	0.45	0.04	0.46
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD11	5	0.45	0.28	0.33
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD12	5	0.45	0.28	0.33
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD13	5	0.45	0.28	0.33
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD21	5	0.45	0.28	0.33
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD22	5	0.45	0.28	0.33
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD23	5	0.45	0.28	0.33
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD11	5	0.45	0.14	0.47
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD12	5	0.45	0.14	0.47
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD13	5	0.45	0.14	0.47
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD21	5	0.45	0.14	0.47
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD22	5	0.45	0.14	0.47
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD23	5	0.45	0.14	0.47
(5,1303)	1:14:A:VAL:HG21	1:61:A:SER:HB2	5	0.45	0.15	0.46
(5,1303)	1:14:A:VAL:HG22	1:61:A:SER:HB2	5	0.45	0.15	0.46
(5,1303)	1:14:A:VAL:HG23	1:61:A:SER:HB2	5	0.45	0.15	0.46
(2,391)	1:105:A:LYS:HD2	1:106:A:ASP:H	5	0.44	0.14	0.43
(2,391)	1:105:A:LYS:HD3	1:106:A:ASP:H	5	0.44	0.14	0.43
(30,397)	1:105:A:LYS:HD2	1:106:A:ASP:H	5	0.44	0.14	0.43
(30,397)	1:105:A:LYS:HD3	1:106:A:ASP:H	5	0.44	0.14	0.43
(30,870)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	5	0.44	0.09	0.46
(30,870)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	5	0.44	0.09	0.46
(30,870)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	5	0.44	0.09	0.46
(2,31)	1:96:A:VAL:H	1:97:A:ASP:HB2	5	0.44	0.28	0.37
(2,31)	1:96:A:VAL:H	1:97:A:ASP:HB3	5	0.44	0.28	0.37
(4,34)	1:96:A:VAL:H	1:97:A:ASP:HB2	5	0.44	0.28	0.37
(4,34)	1:96:A:VAL:H	1:97:A:ASP:HB3	5	0.44	0.28	0.37
(11,36)	1:96:A:VAL:H	1:97:A:ASP:HB2	5	0.44	0.28	0.37
(11,36)	1:96:A:VAL:H	1:97:A:ASP:HB3	5	0.44	0.28	0.37
(13,32)	1:96:A:VAL:H	1:97:A:ASP:HB2	5	0.44	0.28	0.37
(13,32)	1:96:A:VAL:H	1:97:A:ASP:HB3	5	0.44	0.28	0.37
(15,35)	1:96:A:VAL:H	1:97:A:ASP:HB2	5	0.44	0.28	0.37
(15,35)	1:96:A:VAL:H	1:97:A:ASP:HB3	5	0.44	0.28	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,32)	1:96:A:VAL:H	1:97:A:ASP:HB2	5	0.44	0.28	0.37
(30,32)	1:96:A:VAL:H	1:97:A:ASP:HB3	5	0.44	0.28	0.37
(32,31)	1:96:A:VAL:H	1:97:A:ASP:HB2	5	0.44	0.28	0.37
(32,31)	1:96:A:VAL:H	1:97:A:ASP:HB3	5	0.44	0.28	0.37
(33,35)	1:96:A:VAL:H	1:97:A:ASP:HB2	5	0.44	0.28	0.37
(33,35)	1:96:A:VAL:H	1:97:A:ASP:HB3	5	0.44	0.28	0.37
(1,1860)	1:80:A:TYR:HE1	1:81:A:GLU:HB3	5	0.44	0.14	0.47
(1,1860)	1:80:A:TYR:HE2	1:81:A:GLU:HB3	5	0.44	0.14	0.47
(2,49)	1:98:A:ILE:H	1:101:A:ILE:HG21	5	0.44	0.31	0.31
(2,49)	1:98:A:ILE:H	1:101:A:ILE:HG22	5	0.44	0.31	0.31
(2,49)	1:98:A:ILE:H	1:101:A:ILE:HG23	5	0.44	0.31	0.31
(3,54)	1:98:A:ILE:H	1:101:A:ILE:HG21	5	0.44	0.31	0.31
(3,54)	1:98:A:ILE:H	1:101:A:ILE:HG22	5	0.44	0.31	0.31
(3,54)	1:98:A:ILE:H	1:101:A:ILE:HG23	5	0.44	0.31	0.31
(4,55)	1:98:A:ILE:H	1:101:A:ILE:HG21	5	0.44	0.31	0.31
(4,55)	1:98:A:ILE:H	1:101:A:ILE:HG22	5	0.44	0.31	0.31
(4,55)	1:98:A:ILE:H	1:101:A:ILE:HG23	5	0.44	0.31	0.31
(5,49)	1:98:A:ILE:H	1:101:A:ILE:HG21	5	0.44	0.31	0.31
(5,49)	1:98:A:ILE:H	1:101:A:ILE:HG22	5	0.44	0.31	0.31
(5,49)	1:98:A:ILE:H	1:101:A:ILE:HG23	5	0.44	0.31	0.31
(6,50)	1:98:A:ILE:H	1:101:A:ILE:HG21	5	0.44	0.31	0.31
(6,50)	1:98:A:ILE:H	1:101:A:ILE:HG22	5	0.44	0.31	0.31
(6,50)	1:98:A:ILE:H	1:101:A:ILE:HG23	5	0.44	0.31	0.31
(7,49)	1:98:A:ILE:H	1:101:A:ILE:HG21	5	0.44	0.31	0.31
(7,49)	1:98:A:ILE:H	1:101:A:ILE:HG22	5	0.44	0.31	0.31
(7,49)	1:98:A:ILE:H	1:101:A:ILE:HG23	5	0.44	0.31	0.31
(13,47)	1:98:A:ILE:H	1:101:A:ILE:HG21	5	0.44	0.31	0.31
(13,47)	1:98:A:ILE:H	1:101:A:ILE:HG22	5	0.44	0.31	0.31
(13,47)	1:98:A:ILE:H	1:101:A:ILE:HG23	5	0.44	0.31	0.31
(16,50)	1:98:A:ILE:H	1:101:A:ILE:HG21	5	0.44	0.31	0.31
(16,50)	1:98:A:ILE:H	1:101:A:ILE:HG22	5	0.44	0.31	0.31
(16,50)	1:98:A:ILE:H	1:101:A:ILE:HG23	5	0.44	0.31	0.31
(17,51)	1:98:A:ILE:H	1:101:A:ILE:HG21	5	0.44	0.31	0.31
(17,51)	1:98:A:ILE:H	1:101:A:ILE:HG22	5	0.44	0.31	0.31
(17,51)	1:98:A:ILE:H	1:101:A:ILE:HG23	5	0.44	0.31	0.31
(30,50)	1:98:A:ILE:H	1:101:A:ILE:HG21	5	0.44	0.31	0.31
(30,50)	1:98:A:ILE:H	1:101:A:ILE:HG22	5	0.44	0.31	0.31
(30,50)	1:98:A:ILE:H	1:101:A:ILE:HG23	5	0.44	0.31	0.31
(33,57)	1:98:A:ILE:H	1:101:A:ILE:HG21	5	0.44	0.31	0.31
(33,57)	1:98:A:ILE:H	1:101:A:ILE:HG22	5	0.44	0.31	0.31
(33,57)	1:98:A:ILE:H	1:101:A:ILE:HG23	5	0.44	0.31	0.31
(34,53)	1:98:A:ILE:H	1:101:A:ILE:HG21	5	0.44	0.31	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,53)	1:98:A:ILE:H	1:101:A:ILE:HG22	5	0.44	0.31	0.31
(34,53)	1:98:A:ILE:H	1:101:A:ILE:HG23	5	0.44	0.31	0.31
(4,2101)	1:39:A:VAL:HG11	1:43:A:MET:H	5	0.43	0.17	0.35
(4,2101)	1:39:A:VAL:HG12	1:43:A:MET:H	5	0.43	0.17	0.35
(4,2101)	1:39:A:VAL:HG13	1:43:A:MET:H	5	0.43	0.17	0.35
(4,2101)	1:39:A:VAL:HG21	1:43:A:MET:H	5	0.43	0.17	0.35
(4,2101)	1:39:A:VAL:HG22	1:43:A:MET:H	5	0.43	0.17	0.35
(4,2101)	1:39:A:VAL:HG23	1:43:A:MET:H	5	0.43	0.17	0.35
(11,2122)	1:39:A:VAL:HG11	1:43:A:MET:H	5	0.43	0.17	0.35
(11,2122)	1:39:A:VAL:HG12	1:43:A:MET:H	5	0.43	0.17	0.35
(11,2122)	1:39:A:VAL:HG13	1:43:A:MET:H	5	0.43	0.17	0.35
(11,2122)	1:39:A:VAL:HG21	1:43:A:MET:H	5	0.43	0.17	0.35
(11,2122)	1:39:A:VAL:HG22	1:43:A:MET:H	5	0.43	0.17	0.35
(11,2122)	1:39:A:VAL:HG23	1:43:A:MET:H	5	0.43	0.17	0.35
(15,2082)	1:39:A:VAL:HG11	1:43:A:MET:H	5	0.43	0.17	0.35
(15,2082)	1:39:A:VAL:HG12	1:43:A:MET:H	5	0.43	0.17	0.35
(15,2082)	1:39:A:VAL:HG13	1:43:A:MET:H	5	0.43	0.17	0.35
(15,2082)	1:39:A:VAL:HG21	1:43:A:MET:H	5	0.43	0.17	0.35
(15,2082)	1:39:A:VAL:HG22	1:43:A:MET:H	5	0.43	0.17	0.35
(15,2082)	1:39:A:VAL:HG23	1:43:A:MET:H	5	0.43	0.17	0.35
(29,2121)	1:39:A:VAL:HG11	1:43:A:MET:H	5	0.43	0.17	0.35
(29,2121)	1:39:A:VAL:HG12	1:43:A:MET:H	5	0.43	0.17	0.35
(29,2121)	1:39:A:VAL:HG13	1:43:A:MET:H	5	0.43	0.17	0.35
(29,2121)	1:39:A:VAL:HG21	1:43:A:MET:H	5	0.43	0.17	0.35
(29,2121)	1:39:A:VAL:HG22	1:43:A:MET:H	5	0.43	0.17	0.35
(29,2121)	1:39:A:VAL:HG23	1:43:A:MET:H	5	0.43	0.17	0.35
(32,2090)	1:39:A:VAL:HG11	1:43:A:MET:H	5	0.43	0.17	0.35
(32,2090)	1:39:A:VAL:HG12	1:43:A:MET:H	5	0.43	0.17	0.35
(32,2090)	1:39:A:VAL:HG13	1:43:A:MET:H	5	0.43	0.17	0.35
(32,2090)	1:39:A:VAL:HG21	1:43:A:MET:H	5	0.43	0.17	0.35
(32,2090)	1:39:A:VAL:HG22	1:43:A:MET:H	5	0.43	0.17	0.35
(32,2090)	1:39:A:VAL:HG23	1:43:A:MET:H	5	0.43	0.17	0.35
(3,1101)	1:101:A:ILE:HG21	1:112:A:GLN:HA	5	0.43	0.52	0.14
(3,1101)	1:101:A:ILE:HG22	1:112:A:GLN:HA	5	0.43	0.52	0.14
(3,1101)	1:101:A:ILE:HG23	1:112:A:GLN:HA	5	0.43	0.52	0.14
(4,1062)	1:101:A:ILE:HG21	1:112:A:GLN:HA	5	0.43	0.52	0.14
(4,1062)	1:101:A:ILE:HG22	1:112:A:GLN:HA	5	0.43	0.52	0.14
(4,1062)	1:101:A:ILE:HG23	1:112:A:GLN:HA	5	0.43	0.52	0.14
(7,1065)	1:101:A:ILE:HG21	1:112:A:GLN:HA	5	0.43	0.52	0.14
(7,1065)	1:101:A:ILE:HG22	1:112:A:GLN:HA	5	0.43	0.52	0.14
(7,1065)	1:101:A:ILE:HG23	1:112:A:GLN:HA	5	0.43	0.52	0.14
(11,1092)	1:101:A:ILE:HG21	1:112:A:GLN:HA	5	0.43	0.52	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,1092)	1:101:A:ILE:HG22	1:112:A:GLN:HA	5	0.43	0.52	0.14
(11,1092)	1:101:A:ILE:HG23	1:112:A:GLN:HA	5	0.43	0.52	0.14
(13,1066)	1:101:A:ILE:HG21	1:112:A:GLN:HA	5	0.43	0.52	0.14
(13,1066)	1:101:A:ILE:HG22	1:112:A:GLN:HA	5	0.43	0.52	0.14
(13,1066)	1:101:A:ILE:HG23	1:112:A:GLN:HA	5	0.43	0.52	0.14
(16,1096)	1:101:A:ILE:HG21	1:112:A:GLN:HA	5	0.43	0.52	0.14
(16,1096)	1:101:A:ILE:HG22	1:112:A:GLN:HA	5	0.43	0.52	0.14
(16,1096)	1:101:A:ILE:HG23	1:112:A:GLN:HA	5	0.43	0.52	0.14
(30,1074)	1:101:A:ILE:HG21	1:112:A:GLN:HA	5	0.43	0.52	0.14
(30,1074)	1:101:A:ILE:HG22	1:112:A:GLN:HA	5	0.43	0.52	0.14
(30,1074)	1:101:A:ILE:HG23	1:112:A:GLN:HA	5	0.43	0.52	0.14
(16,1837)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	5	0.43	0.28	0.34
(16,1837)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	5	0.43	0.28	0.34
(16,1837)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	5	0.43	0.28	0.34
(16,1837)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	5	0.43	0.28	0.34
(2,1207)	1:69:A:MET:HE1	1:110:A:MET:HA	5	0.43	0.16	0.38
(2,1207)	1:69:A:MET:HE2	1:110:A:MET:HA	5	0.43	0.16	0.38
(2,1207)	1:69:A:MET:HE3	1:110:A:MET:HA	5	0.43	0.16	0.38
(4,1190)	1:69:A:MET:HE1	1:110:A:MET:HA	5	0.43	0.16	0.38
(4,1190)	1:69:A:MET:HE2	1:110:A:MET:HA	5	0.43	0.16	0.38
(4,1190)	1:69:A:MET:HE3	1:110:A:MET:HA	5	0.43	0.16	0.38
(7,1192)	1:69:A:MET:HE1	1:110:A:MET:HA	5	0.43	0.16	0.38
(7,1192)	1:69:A:MET:HE2	1:110:A:MET:HA	5	0.43	0.16	0.38
(7,1192)	1:69:A:MET:HE3	1:110:A:MET:HA	5	0.43	0.16	0.38
(7,1625)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	5	0.43	0.25	0.32
(7,1625)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	5	0.43	0.25	0.32
(7,1625)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	5	0.43	0.25	0.32
(7,1625)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	5	0.43	0.25	0.32
(7,1625)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	5	0.43	0.25	0.32
(7,1625)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	5	0.43	0.25	0.32
(7,1625)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	5	0.43	0.25	0.32
(7,1625)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	5	0.43	0.25	0.32
(7,1625)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	5	0.43	0.25	0.32
(9,1216)	1:69:A:MET:HE1	1:110:A:MET:HA	5	0.43	0.16	0.38
(9,1216)	1:69:A:MET:HE2	1:110:A:MET:HA	5	0.43	0.16	0.38
(9,1216)	1:69:A:MET:HE3	1:110:A:MET:HA	5	0.43	0.16	0.38
(11,1228)	1:69:A:MET:HE1	1:110:A:MET:HA	5	0.43	0.16	0.38
(11,1228)	1:69:A:MET:HE2	1:110:A:MET:HA	5	0.43	0.16	0.38
(11,1228)	1:69:A:MET:HE3	1:110:A:MET:HA	5	0.43	0.16	0.38
(30,1207)	1:69:A:MET:HE1	1:110:A:MET:HA	5	0.43	0.16	0.38
(30,1207)	1:69:A:MET:HE2	1:110:A:MET:HA	5	0.43	0.16	0.38
(30,1207)	1:69:A:MET:HE3	1:110:A:MET:HA	5	0.43	0.16	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,1177)	1:69:A:MET:HE1	1:110:A:MET:HA	5	0.43	0.16	0.38
(32,1177)	1:69:A:MET:HE2	1:110:A:MET:HA	5	0.43	0.16	0.38
(32,1177)	1:69:A:MET:HE3	1:110:A:MET:HA	5	0.43	0.16	0.38
(33,374)	1:41:A:LYS:H	1:44:A:GLU:HB2	5	0.43	0.19	0.38
(33,374)	1:41:A:LYS:H	1:44:A:GLU:HB3	5	0.43	0.19	0.38
(9,717)	1:73:A:ILE:HG21	1:76:A:ARG:HE	5	0.42	0.24	0.46
(9,717)	1:73:A:ILE:HG22	1:76:A:ARG:HE	5	0.42	0.24	0.46
(9,717)	1:73:A:ILE:HG23	1:76:A:ARG:HE	5	0.42	0.24	0.46
(6,2350)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	5	0.42	0.16	0.47
(6,2350)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	5	0.42	0.16	0.47
(6,2350)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	5	0.42	0.16	0.47
(6,2350)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	5	0.42	0.16	0.47
(6,2350)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	5	0.42	0.16	0.47
(6,2350)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	5	0.42	0.16	0.47
(17,2358)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	5	0.42	0.16	0.47
(17,2358)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	5	0.42	0.16	0.47
(17,2358)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	5	0.42	0.16	0.47
(17,2358)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	5	0.42	0.16	0.47
(17,2358)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	5	0.42	0.16	0.47
(17,2358)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	5	0.42	0.16	0.47
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD11	5	0.42	0.28	0.3
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD12	5	0.42	0.28	0.3
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD13	5	0.42	0.28	0.3
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD21	5	0.42	0.28	0.3
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD22	5	0.42	0.28	0.3
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD23	5	0.42	0.28	0.3
(1,1796)	1:80:A:TYR:HD1	1:81:A:GLU:HA	5	0.42	0.15	0.5
(1,1796)	1:80:A:TYR:HD2	1:81:A:GLU:HA	5	0.42	0.15	0.5
(2,1424)	1:70:A:LYS:HA	1:73:A:ILE:HG21	5	0.42	0.21	0.51
(2,1424)	1:70:A:LYS:HA	1:73:A:ILE:HG22	5	0.42	0.21	0.51
(2,1424)	1:70:A:LYS:HA	1:73:A:ILE:HG23	5	0.42	0.21	0.51
(3,1813)	1:80:A:TYR:HD1	1:81:A:GLU:HA	5	0.42	0.15	0.5
(3,1813)	1:80:A:TYR:HD2	1:81:A:GLU:HA	5	0.42	0.15	0.5
(4,1764)	1:80:A:TYR:HD1	1:81:A:GLU:HA	5	0.42	0.15	0.5
(4,1764)	1:80:A:TYR:HD2	1:81:A:GLU:HA	5	0.42	0.15	0.5
(5,1437)	1:70:A:LYS:HA	1:73:A:ILE:HG21	5	0.42	0.21	0.51
(5,1437)	1:70:A:LYS:HA	1:73:A:ILE:HG22	5	0.42	0.21	0.51
(5,1437)	1:70:A:LYS:HA	1:73:A:ILE:HG23	5	0.42	0.21	0.51
(6,1414)	1:70:A:LYS:HA	1:73:A:ILE:HG21	5	0.42	0.21	0.51
(6,1414)	1:70:A:LYS:HA	1:73:A:ILE:HG22	5	0.42	0.21	0.51
(6,1414)	1:70:A:LYS:HA	1:73:A:ILE:HG23	5	0.42	0.21	0.51
(6,1791)	1:80:A:TYR:HD1	1:81:A:GLU:HA	5	0.42	0.15	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,1791)	1:80:A:TYR:HD2	1:81:A:GLU:HA	5	0.42	0.15	0.5
(7,1402)	1:70:A:LYS:HA	1:73:A:ILE:HG21	5	0.42	0.21	0.51
(7,1402)	1:70:A:LYS:HA	1:73:A:ILE:HG22	5	0.42	0.21	0.51
(7,1402)	1:70:A:LYS:HA	1:73:A:ILE:HG23	5	0.42	0.21	0.51
(9,1413)	1:70:A:LYS:HA	1:73:A:ILE:HG21	5	0.42	0.21	0.51
(9,1413)	1:70:A:LYS:HA	1:73:A:ILE:HG22	5	0.42	0.21	0.51
(9,1413)	1:70:A:LYS:HA	1:73:A:ILE:HG23	5	0.42	0.21	0.51
(13,1393)	1:70:A:LYS:HA	1:73:A:ILE:HG21	5	0.42	0.21	0.51
(13,1393)	1:70:A:LYS:HA	1:73:A:ILE:HG22	5	0.42	0.21	0.51
(13,1393)	1:70:A:LYS:HA	1:73:A:ILE:HG23	5	0.42	0.21	0.51
(15,1417)	1:70:A:LYS:HA	1:73:A:ILE:HG21	5	0.42	0.21	0.51
(15,1417)	1:70:A:LYS:HA	1:73:A:ILE:HG22	5	0.42	0.21	0.51
(15,1417)	1:70:A:LYS:HA	1:73:A:ILE:HG23	5	0.42	0.21	0.51
(18,1765)	1:80:A:TYR:HD1	1:81:A:GLU:HA	5	0.42	0.15	0.5
(18,1765)	1:80:A:TYR:HD2	1:81:A:GLU:HA	5	0.42	0.15	0.5
(29,1805)	1:80:A:TYR:HD1	1:81:A:GLU:HA	5	0.42	0.15	0.5
(29,1805)	1:80:A:TYR:HD2	1:81:A:GLU:HA	5	0.42	0.15	0.5
(30,1419)	1:70:A:LYS:HA	1:73:A:ILE:HG21	5	0.42	0.21	0.51
(30,1419)	1:70:A:LYS:HA	1:73:A:ILE:HG22	5	0.42	0.21	0.51
(30,1419)	1:70:A:LYS:HA	1:73:A:ILE:HG23	5	0.42	0.21	0.51
(32,1384)	1:70:A:LYS:HA	1:73:A:ILE:HG21	5	0.42	0.21	0.51
(32,1384)	1:70:A:LYS:HA	1:73:A:ILE:HG22	5	0.42	0.21	0.51
(32,1384)	1:70:A:LYS:HA	1:73:A:ILE:HG23	5	0.42	0.21	0.51
(34,1433)	1:70:A:LYS:HA	1:73:A:ILE:HG21	5	0.42	0.21	0.51
(34,1433)	1:70:A:LYS:HA	1:73:A:ILE:HG22	5	0.42	0.21	0.51
(34,1433)	1:70:A:LYS:HA	1:73:A:ILE:HG23	5	0.42	0.21	0.51
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD11	5	0.42	0.04	0.42
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD12	5	0.42	0.04	0.42
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD13	5	0.42	0.04	0.42
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD21	5	0.42	0.04	0.42
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD22	5	0.42	0.04	0.42
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD23	5	0.42	0.04	0.42
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD11	5	0.42	0.04	0.42
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD12	5	0.42	0.04	0.42
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD13	5	0.42	0.04	0.42
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD21	5	0.42	0.04	0.42
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD22	5	0.42	0.04	0.42
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD23	5	0.42	0.04	0.42
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD11	5	0.42	0.04	0.42
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD12	5	0.42	0.04	0.42
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD13	5	0.42	0.04	0.42
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD21	5	0.42	0.04	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD22	5	0.42	0.04	0.42
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD23	5	0.42	0.04	0.42
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	5	0.42	0.24	0.33
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	5	0.42	0.24	0.33
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	5	0.42	0.24	0.33
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	5	0.42	0.24	0.33
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	5	0.42	0.24	0.33
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	5	0.42	0.24	0.33
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	5	0.42	0.24	0.33
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	5	0.42	0.24	0.33
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	5	0.42	0.24	0.33
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	5	0.42	0.24	0.33
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	5	0.42	0.24	0.33
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	5	0.42	0.24	0.33
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	5	0.42	0.24	0.33
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	5	0.42	0.24	0.33
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	5	0.42	0.24	0.33
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	5	0.42	0.24	0.33
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	5	0.42	0.24	0.33
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	5	0.42	0.24	0.33
(2,509)	1:70:A:LYS:HE2	1:71:A:LYS:H	5	0.41	0.28	0.23
(2,509)	1:70:A:LYS:HE3	1:71:A:LYS:H	5	0.41	0.28	0.23
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD11	5	0.41	0.18	0.32
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD12	5	0.41	0.18	0.32
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD13	5	0.41	0.18	0.32
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD21	5	0.41	0.18	0.32
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD22	5	0.41	0.18	0.32
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD23	5	0.41	0.18	0.32
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	5	0.41	0.18	0.32
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	5	0.41	0.18	0.32
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	5	0.41	0.18	0.32
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	5	0.41	0.18	0.32
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	5	0.41	0.18	0.32
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	5	0.41	0.18	0.32
(34,1979)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	5	0.41	0.2	0.33
(34,1979)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	5	0.41	0.2	0.33
(34,1979)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	5	0.41	0.2	0.33
(34,1979)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	5	0.41	0.2	0.33
(34,1979)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	5	0.41	0.2	0.33
(34,1979)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	5	0.41	0.2	0.33
(2,1924)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	5	0.41	0.16	0.45
(2,1924)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	5	0.41	0.16	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,1924)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	5	0.41	0.16	0.45
(2,1924)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	5	0.41	0.16	0.45
(3,260)	1:39:A:VAL:H	1:39:A:VAL:HB	5	0.41	0.01	0.42
(3,1926)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	5	0.41	0.16	0.45
(3,1926)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	5	0.41	0.16	0.45
(3,1926)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	5	0.41	0.16	0.45
(3,1926)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	5	0.41	0.16	0.45
(4,257)	1:39:A:VAL:H	1:39:A:VAL:HB	5	0.41	0.01	0.42
(9,1897)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	5	0.41	0.16	0.45
(9,1897)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	5	0.41	0.16	0.45
(9,1897)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	5	0.41	0.16	0.45
(9,1897)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	5	0.41	0.16	0.45
(11,260)	1:39:A:VAL:H	1:39:A:VAL:HB	5	0.41	0.01	0.42
(15,265)	1:39:A:VAL:H	1:39:A:VAL:HB	5	0.41	0.01	0.42
(18,1890)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	5	0.41	0.16	0.45
(18,1890)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	5	0.41	0.16	0.45
(18,1890)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	5	0.41	0.16	0.45
(18,1890)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	5	0.41	0.16	0.45
(32,254)	1:39:A:VAL:H	1:39:A:VAL:HB	5	0.41	0.01	0.42
(33,1897)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	5	0.41	0.16	0.45
(33,1897)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	5	0.41	0.16	0.45
(33,1897)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	5	0.41	0.16	0.45
(33,1897)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	5	0.41	0.16	0.45
(34,1905)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	5	0.41	0.16	0.45
(34,1905)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	5	0.41	0.16	0.45
(34,1905)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	5	0.41	0.16	0.45
(34,1905)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	5	0.41	0.16	0.45
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD11	5	0.41	0.27	0.33
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD12	5	0.41	0.27	0.33
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD13	5	0.41	0.27	0.33
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD21	5	0.41	0.27	0.33
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD22	5	0.41	0.27	0.33
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD23	5	0.41	0.27	0.33
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD11	5	0.41	0.27	0.33
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD12	5	0.41	0.27	0.33
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD13	5	0.41	0.27	0.33
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD21	5	0.41	0.27	0.33
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD22	5	0.41	0.27	0.33
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD23	5	0.41	0.27	0.33
(2,2022)	1:15:A:ALA:H	1:17:A:ASN:HD21	5	0.41	0.36	0.27
(2,2022)	1:15:A:ALA:H	1:17:A:ASN:HD22	5	0.41	0.36	0.27
(5,1989)	1:15:A:ALA:H	1:17:A:ASN:HD21	5	0.41	0.36	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,1989)	1:15:A:ALA:H	1:17:A:ASN:HD22	5	0.41	0.36	0.27
(13,1963)	1:15:A:ALA:H	1:17:A:ASN:HD21	5	0.41	0.36	0.27
(13,1963)	1:15:A:ALA:H	1:17:A:ASN:HD22	5	0.41	0.36	0.27
(15,1971)	1:15:A:ALA:H	1:17:A:ASN:HD21	5	0.41	0.36	0.27
(15,1971)	1:15:A:ALA:H	1:17:A:ASN:HD22	5	0.41	0.36	0.27
(16,1993)	1:15:A:ALA:H	1:17:A:ASN:HD21	5	0.41	0.36	0.27
(16,1993)	1:15:A:ALA:H	1:17:A:ASN:HD22	5	0.41	0.36	0.27
(29,2022)	1:15:A:ALA:H	1:17:A:ASN:HD21	5	0.41	0.36	0.27
(29,2022)	1:15:A:ALA:H	1:17:A:ASN:HD22	5	0.41	0.36	0.27
(32,1964)	1:15:A:ALA:H	1:17:A:ASN:HD21	5	0.41	0.36	0.27
(32,1964)	1:15:A:ALA:H	1:17:A:ASN:HD22	5	0.41	0.36	0.27
(33,1997)	1:15:A:ALA:H	1:17:A:ASN:HD21	5	0.41	0.36	0.27
(33,1997)	1:15:A:ALA:H	1:17:A:ASN:HD22	5	0.41	0.36	0.27
(4,1849)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	5	0.41	0.26	0.3
(4,1849)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	5	0.41	0.26	0.3
(4,1849)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	5	0.41	0.26	0.3
(4,1849)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	5	0.41	0.26	0.3
(4,1849)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	5	0.41	0.26	0.3
(4,1849)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	5	0.41	0.26	0.3
(16,1858)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	5	0.41	0.26	0.3
(16,1858)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	5	0.41	0.26	0.3
(16,1858)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	5	0.41	0.26	0.3
(16,1858)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	5	0.41	0.26	0.3
(16,1858)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	5	0.41	0.26	0.3
(16,1858)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	5	0.41	0.26	0.3
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD11	5	0.41	0.14	0.37
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD12	5	0.41	0.14	0.37
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD13	5	0.41	0.14	0.37
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD21	5	0.41	0.14	0.37
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD22	5	0.41	0.14	0.37
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD23	5	0.41	0.14	0.37
(29,1888)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	5	0.41	0.26	0.3
(29,1888)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	5	0.41	0.26	0.3
(29,1888)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	5	0.41	0.26	0.3
(29,1888)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	5	0.41	0.26	0.3
(29,1888)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	5	0.41	0.26	0.3
(29,1888)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	5	0.41	0.26	0.3
(1,1850)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	5	0.41	0.24	0.43
(1,1850)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	5	0.41	0.24	0.43
(1,1850)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	5	0.41	0.24	0.43
(29,1854)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	5	0.41	0.24	0.43
(29,1854)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	5	0.41	0.24	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,1854)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	5	0.41	0.24	0.43
(5,1286)	1:28:A:GLY:HA2	1:30:A:LEU:HD11	5	0.4	0.22	0.34
(5,1286)	1:28:A:GLY:HA2	1:30:A:LEU:HD12	5	0.4	0.22	0.34
(5,1286)	1:28:A:GLY:HA2	1:30:A:LEU:HD13	5	0.4	0.22	0.34
(5,1286)	1:28:A:GLY:HA3	1:30:A:LEU:HD11	5	0.4	0.22	0.34
(5,1286)	1:28:A:GLY:HA3	1:30:A:LEU:HD12	5	0.4	0.22	0.34
(5,1286)	1:28:A:GLY:HA3	1:30:A:LEU:HD13	5	0.4	0.22	0.34
(9,1272)	1:28:A:GLY:HA2	1:30:A:LEU:HD11	5	0.4	0.22	0.34
(9,1272)	1:28:A:GLY:HA2	1:30:A:LEU:HD12	5	0.4	0.22	0.34
(9,1272)	1:28:A:GLY:HA2	1:30:A:LEU:HD13	5	0.4	0.22	0.34
(9,1272)	1:28:A:GLY:HA3	1:30:A:LEU:HD11	5	0.4	0.22	0.34
(9,1272)	1:28:A:GLY:HA3	1:30:A:LEU:HD12	5	0.4	0.22	0.34
(9,1272)	1:28:A:GLY:HA3	1:30:A:LEU:HD13	5	0.4	0.22	0.34
(33,508)	1:70:A:LYS:HE2	1:71:A:LYS:H	5	0.4	0.28	0.22
(33,508)	1:70:A:LYS:HE3	1:71:A:LYS:H	5	0.4	0.28	0.22
(2,1080)	1:141:A:LYS:HA	1:148:A:CYS:HB3	5	0.4	0.26	0.26
(5,1097)	1:141:A:LYS:HA	1:148:A:CYS:HB3	5	0.4	0.26	0.26
(15,1089)	1:141:A:LYS:HA	1:148:A:CYS:HB3	5	0.4	0.26	0.26
(17,1095)	1:141:A:LYS:HA	1:148:A:CYS:HB3	5	0.4	0.26	0.26
(7,1458)	1:101:A:ILE:HG21	1:102:A:PRO:HA	5	0.4	0.17	0.4
(7,1458)	1:101:A:ILE:HG22	1:102:A:PRO:HA	5	0.4	0.17	0.4
(7,1458)	1:101:A:ILE:HG23	1:102:A:PRO:HA	5	0.4	0.17	0.4
(7,2214)	1:65:A:CYS:HB2	1:69:A:MET:HE1	5	0.4	0.23	0.35
(7,2214)	1:65:A:CYS:HB2	1:69:A:MET:HE2	5	0.4	0.23	0.35
(7,2214)	1:65:A:CYS:HB2	1:69:A:MET:HE3	5	0.4	0.23	0.35
(7,2214)	1:65:A:CYS:HB3	1:69:A:MET:HE1	5	0.4	0.23	0.35
(7,2214)	1:65:A:CYS:HB3	1:69:A:MET:HE2	5	0.4	0.23	0.35
(7,2214)	1:65:A:CYS:HB3	1:69:A:MET:HE3	5	0.4	0.23	0.35
(9,1475)	1:101:A:ILE:HG21	1:102:A:PRO:HA	5	0.4	0.17	0.4
(9,1475)	1:101:A:ILE:HG22	1:102:A:PRO:HA	5	0.4	0.17	0.4
(9,1475)	1:101:A:ILE:HG23	1:102:A:PRO:HA	5	0.4	0.17	0.4
(11,1501)	1:101:A:ILE:HG21	1:102:A:PRO:HA	5	0.4	0.17	0.4
(11,1501)	1:101:A:ILE:HG22	1:102:A:PRO:HA	5	0.4	0.17	0.4
(11,1501)	1:101:A:ILE:HG23	1:102:A:PRO:HA	5	0.4	0.17	0.4
(13,1454)	1:101:A:ILE:HG21	1:102:A:PRO:HA	5	0.4	0.17	0.4
(13,1454)	1:101:A:ILE:HG22	1:102:A:PRO:HA	5	0.4	0.17	0.4
(13,1454)	1:101:A:ILE:HG23	1:102:A:PRO:HA	5	0.4	0.17	0.4
(16,1480)	1:101:A:ILE:HG21	1:102:A:PRO:HA	5	0.4	0.17	0.4
(16,1480)	1:101:A:ILE:HG22	1:102:A:PRO:HA	5	0.4	0.17	0.4
(16,1480)	1:101:A:ILE:HG23	1:102:A:PRO:HA	5	0.4	0.17	0.4
(17,1503)	1:101:A:ILE:HG21	1:102:A:PRO:HA	5	0.4	0.17	0.4
(17,1503)	1:101:A:ILE:HG22	1:102:A:PRO:HA	5	0.4	0.17	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,1503)	1:101:A:ILE:HG23	1:102:A:PRO:HA	5	0.4	0.17	0.4
(30,1479)	1:101:A:ILE:HG21	1:102:A:PRO:HA	5	0.4	0.17	0.4
(30,1479)	1:101:A:ILE:HG22	1:102:A:PRO:HA	5	0.4	0.17	0.4
(30,1479)	1:101:A:ILE:HG23	1:102:A:PRO:HA	5	0.4	0.17	0.4
(34,1496)	1:101:A:ILE:HG21	1:102:A:PRO:HA	5	0.4	0.17	0.4
(34,1496)	1:101:A:ILE:HG22	1:102:A:PRO:HA	5	0.4	0.17	0.4
(34,1496)	1:101:A:ILE:HG23	1:102:A:PRO:HA	5	0.4	0.17	0.4
(3,1563)	1:76:A:ARG:HE	1:110:A:MET:HE1	5	0.4	0.14	0.43
(3,1563)	1:76:A:ARG:HE	1:110:A:MET:HE2	5	0.4	0.14	0.43
(3,1563)	1:76:A:ARG:HE	1:110:A:MET:HE3	5	0.4	0.14	0.43
(5,1553)	1:76:A:ARG:HE	1:110:A:MET:HE1	5	0.4	0.14	0.43
(5,1553)	1:76:A:ARG:HE	1:110:A:MET:HE2	5	0.4	0.14	0.43
(5,1553)	1:76:A:ARG:HE	1:110:A:MET:HE3	5	0.4	0.14	0.43
(6,43)	1:44:A:GLU:HG3	1:47:A:ALA:H	5	0.4	0.39	0.26
(9,48)	1:44:A:GLU:HG3	1:47:A:ALA:H	5	0.4	0.39	0.26
(9,1534)	1:76:A:ARG:HE	1:110:A:MET:HE1	5	0.4	0.14	0.43
(9,1534)	1:76:A:ARG:HE	1:110:A:MET:HE2	5	0.4	0.14	0.43
(9,1534)	1:76:A:ARG:HE	1:110:A:MET:HE3	5	0.4	0.14	0.43
(11,49)	1:44:A:GLU:HG3	1:47:A:ALA:H	5	0.4	0.39	0.26
(11,1558)	1:76:A:ARG:HE	1:110:A:MET:HE1	5	0.4	0.14	0.43
(11,1558)	1:76:A:ARG:HE	1:110:A:MET:HE2	5	0.4	0.14	0.43
(11,1558)	1:76:A:ARG:HE	1:110:A:MET:HE3	5	0.4	0.14	0.43
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD11	5	0.4	0.34	0.13
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD12	5	0.4	0.34	0.13
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD13	5	0.4	0.34	0.13
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD21	5	0.4	0.34	0.13
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD22	5	0.4	0.34	0.13
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD23	5	0.4	0.34	0.13
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD11	5	0.4	0.34	0.13
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD12	5	0.4	0.34	0.13
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD13	5	0.4	0.34	0.13
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD21	5	0.4	0.34	0.13
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD22	5	0.4	0.34	0.13
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD23	5	0.4	0.34	0.13
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD11	5	0.4	0.34	0.13
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD12	5	0.4	0.34	0.13
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD13	5	0.4	0.34	0.13
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD21	5	0.4	0.34	0.13
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD22	5	0.4	0.34	0.13
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD23	5	0.4	0.34	0.13
(16,1536)	1:76:A:ARG:HE	1:110:A:MET:HE1	5	0.4	0.14	0.43
(16,1536)	1:76:A:ARG:HE	1:110:A:MET:HE2	5	0.4	0.14	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1536)	1:76:A:ARG:HE	1:110:A:MET:HE3	5	0.4	0.14	0.43
(17,45)	1:44:A:GLU:HG3	1:47:A:ALA:H	5	0.4	0.39	0.26
(18,1527)	1:76:A:ARG:HE	1:110:A:MET:HE1	5	0.4	0.14	0.43
(18,1527)	1:76:A:ARG:HE	1:110:A:MET:HE2	5	0.4	0.14	0.43
(18,1527)	1:76:A:ARG:HE	1:110:A:MET:HE3	5	0.4	0.14	0.43
(29,49)	1:44:A:GLU:HG3	1:47:A:ALA:H	5	0.4	0.39	0.26
(32,1498)	1:76:A:ARG:HE	1:110:A:MET:HE1	5	0.4	0.14	0.43
(32,1498)	1:76:A:ARG:HE	1:110:A:MET:HE2	5	0.4	0.14	0.43
(32,1498)	1:76:A:ARG:HE	1:110:A:MET:HE3	5	0.4	0.14	0.43
(33,50)	1:44:A:GLU:HG3	1:47:A:ALA:H	5	0.4	0.39	0.26
(33,1529)	1:76:A:ARG:HE	1:110:A:MET:HE1	5	0.4	0.14	0.43
(33,1529)	1:76:A:ARG:HE	1:110:A:MET:HE2	5	0.4	0.14	0.43
(33,1529)	1:76:A:ARG:HE	1:110:A:MET:HE3	5	0.4	0.14	0.43
(34,48)	1:44:A:GLU:HG3	1:47:A:ALA:H	5	0.4	0.39	0.26
(34,1553)	1:76:A:ARG:HE	1:110:A:MET:HE1	5	0.4	0.14	0.43
(34,1553)	1:76:A:ARG:HE	1:110:A:MET:HE2	5	0.4	0.14	0.43
(34,1553)	1:76:A:ARG:HE	1:110:A:MET:HE3	5	0.4	0.14	0.43
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD11	5	0.4	0.04	0.4
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD12	5	0.4	0.04	0.4
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD13	5	0.4	0.04	0.4
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD21	5	0.4	0.04	0.4
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD22	5	0.4	0.04	0.4
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD23	5	0.4	0.04	0.4
(5,1664)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	5	0.4	0.13	0.43
(5,1664)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	5	0.4	0.13	0.43
(5,1664)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	5	0.4	0.13	0.43
(5,1664)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	5	0.4	0.13	0.43
(5,1664)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	5	0.4	0.13	0.43
(5,1664)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	5	0.4	0.13	0.43
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD11	5	0.4	0.04	0.4
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD12	5	0.4	0.04	0.4
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD13	5	0.4	0.04	0.4
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD21	5	0.4	0.04	0.4
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD22	5	0.4	0.04	0.4
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD23	5	0.4	0.04	0.4
(29,1667)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	5	0.4	0.13	0.43
(29,1667)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	5	0.4	0.13	0.43
(29,1667)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	5	0.4	0.13	0.43
(29,1667)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	5	0.4	0.13	0.43
(29,1667)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	5	0.4	0.13	0.43
(29,1667)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	5	0.4	0.13	0.43
(32,1744)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	5	0.4	0.22	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,1744)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	5	0.4	0.22	0.29
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD11	5	0.4	0.04	0.4
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD12	5	0.4	0.04	0.4
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD13	5	0.4	0.04	0.4
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD21	5	0.4	0.04	0.4
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD22	5	0.4	0.04	0.4
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD23	5	0.4	0.04	0.4
(34,1662)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	5	0.4	0.13	0.43
(34,1662)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	5	0.4	0.13	0.43
(34,1662)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	5	0.4	0.13	0.43
(34,1662)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	5	0.4	0.13	0.43
(34,1662)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	5	0.4	0.13	0.43
(34,1662)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	5	0.4	0.13	0.43
(1,1858)	1:79:A:THR:HB	1:80:A:TYR:HE1	5	0.39	0.31	0.23
(1,1858)	1:79:A:THR:HB	1:80:A:TYR:HE2	5	0.39	0.31	0.23
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD11	5	0.39	0.21	0.31
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD12	5	0.39	0.21	0.31
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD13	5	0.39	0.21	0.31
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD21	5	0.39	0.21	0.31
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD22	5	0.39	0.21	0.31
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD23	5	0.39	0.21	0.31
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD11	5	0.39	0.21	0.31
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD12	5	0.39	0.21	0.31
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD13	5	0.39	0.21	0.31
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD21	5	0.39	0.21	0.31
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD22	5	0.39	0.21	0.31
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD23	5	0.39	0.21	0.31
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD11	5	0.39	0.21	0.31
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD12	5	0.39	0.21	0.31
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD13	5	0.39	0.21	0.31
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD21	5	0.39	0.21	0.31
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD22	5	0.39	0.21	0.31
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD23	5	0.39	0.21	0.31
(3,1224)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	5	0.38	0.08	0.41
(3,1224)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	5	0.38	0.08	0.41
(3,1224)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	5	0.38	0.08	0.41
(29,1996)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	5	0.38	0.2	0.3
(29,1996)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	5	0.38	0.2	0.3
(29,1996)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	5	0.38	0.2	0.3
(29,1996)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	5	0.38	0.2	0.3
(29,1996)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	5	0.38	0.2	0.3
(29,1996)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	5	0.38	0.2	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,13)	1:64:A:LYS:H	1:64:A:LYS:HE2	5	0.38	0.22	0.3
(1,13)	1:64:A:LYS:H	1:64:A:LYS:HE3	5	0.38	0.22	0.3
(3,13)	1:64:A:LYS:H	1:64:A:LYS:HE2	5	0.38	0.22	0.3
(3,13)	1:64:A:LYS:H	1:64:A:LYS:HE3	5	0.38	0.22	0.3
(5,11)	1:64:A:LYS:H	1:64:A:LYS:HE2	5	0.38	0.22	0.3
(5,11)	1:64:A:LYS:H	1:64:A:LYS:HE3	5	0.38	0.22	0.3
(5,1814)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	5	0.38	0.32	0.27
(5,1814)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	5	0.38	0.32	0.27
(5,1814)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	5	0.38	0.32	0.27
(5,1814)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	5	0.38	0.32	0.27
(5,1814)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	5	0.38	0.32	0.27
(5,1814)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	5	0.38	0.32	0.27
(5,1814)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	5	0.38	0.32	0.27
(5,1814)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	5	0.38	0.32	0.27
(5,1814)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	5	0.38	0.32	0.27
(5,1814)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	5	0.38	0.32	0.27
(5,1814)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	5	0.38	0.32	0.27
(5,1814)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	5	0.38	0.32	0.27
(7,1754)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	5	0.38	0.32	0.27
(7,1754)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	5	0.38	0.32	0.27
(7,1754)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	5	0.38	0.32	0.27
(7,1754)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	5	0.38	0.32	0.27
(7,1754)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	5	0.38	0.32	0.27
(7,1754)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	5	0.38	0.32	0.27
(7,1754)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	5	0.38	0.32	0.27
(7,1754)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	5	0.38	0.32	0.27
(7,1754)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	5	0.38	0.32	0.27
(7,1754)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	5	0.38	0.32	0.27
(7,1754)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	5	0.38	0.32	0.27
(7,1754)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	5	0.38	0.32	0.27
(9,10)	1:64:A:LYS:H	1:64:A:LYS:HE2	5	0.38	0.22	0.3
(9,10)	1:64:A:LYS:H	1:64:A:LYS:HE3	5	0.38	0.22	0.3
(13,10)	1:64:A:LYS:H	1:64:A:LYS:HE2	5	0.38	0.22	0.3
(13,10)	1:64:A:LYS:H	1:64:A:LYS:HE3	5	0.38	0.22	0.3
(16,12)	1:64:A:LYS:H	1:64:A:LYS:HE2	5	0.38	0.22	0.3
(16,12)	1:64:A:LYS:H	1:64:A:LYS:HE3	5	0.38	0.22	0.3
(17,1802)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	5	0.38	0.32	0.27
(17,1802)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	5	0.38	0.32	0.27
(17,1802)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	5	0.38	0.32	0.27
(17,1802)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	5	0.38	0.32	0.27
(17,1802)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	5	0.38	0.32	0.27
(17,1802)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	5	0.38	0.32	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,1802)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	5	0.38	0.32	0.27
(17,1802)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	5	0.38	0.32	0.27
(17,1802)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	5	0.38	0.32	0.27
(17,1802)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	5	0.38	0.32	0.27
(17,1802)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	5	0.38	0.32	0.27
(17,1802)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	5	0.38	0.32	0.27
(18,11)	1:64:A:LYS:H	1:64:A:LYS:HE2	5	0.38	0.22	0.3
(18,11)	1:64:A:LYS:H	1:64:A:LYS:HE3	5	0.38	0.22	0.3
(7,2173)	1:57:A:LEU:HD11	1:60:A:LEU:HG	5	0.38	0.15	0.35
(7,2173)	1:57:A:LEU:HD12	1:60:A:LEU:HG	5	0.38	0.15	0.35
(7,2173)	1:57:A:LEU:HD13	1:60:A:LEU:HG	5	0.38	0.15	0.35
(7,2173)	1:57:A:LEU:HD21	1:60:A:LEU:HG	5	0.38	0.15	0.35
(7,2173)	1:57:A:LEU:HD22	1:60:A:LEU:HG	5	0.38	0.15	0.35
(7,2173)	1:57:A:LEU:HD23	1:60:A:LEU:HG	5	0.38	0.15	0.35
(15,129)	1:79:A:THR:HB	1:80:A:TYR:H	5	0.37	0.07	0.42
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD11	5	0.37	0.22	0.33
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD12	5	0.37	0.22	0.33
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD13	5	0.37	0.22	0.33
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD21	5	0.37	0.22	0.33
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD22	5	0.37	0.22	0.33
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD23	5	0.37	0.22	0.33
(17,1382)	1:46:A:ASN:HB3	1:134:A:VAL:HG21	5	0.37	0.17	0.37
(17,1382)	1:46:A:ASN:HB3	1:134:A:VAL:HG22	5	0.37	0.17	0.37
(17,1382)	1:46:A:ASN:HB3	1:134:A:VAL:HG23	5	0.37	0.17	0.37
(34,1385)	1:46:A:ASN:HB3	1:134:A:VAL:HG21	5	0.37	0.17	0.37
(34,1385)	1:46:A:ASN:HB3	1:134:A:VAL:HG22	5	0.37	0.17	0.37
(34,1385)	1:46:A:ASN:HB3	1:134:A:VAL:HG23	5	0.37	0.17	0.37
(5,1076)	1:44:A:GLU:HA	1:44:A:GLU:HG2	5	0.37	0.01	0.38
(3,1480)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	5	0.37	0.18	0.37
(3,1480)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	5	0.37	0.18	0.37
(3,1480)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	5	0.37	0.18	0.37
(5,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	5	0.37	0.18	0.37
(5,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	5	0.37	0.18	0.37
(5,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	5	0.37	0.18	0.37
(7,1436)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	5	0.37	0.18	0.37
(7,1436)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	5	0.37	0.18	0.37
(7,1436)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	5	0.37	0.18	0.37
(13,1430)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	5	0.37	0.18	0.37
(13,1430)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	5	0.37	0.18	0.37
(13,1430)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	5	0.37	0.18	0.37
(16,1457)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	5	0.37	0.18	0.37
(16,1457)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	5	0.37	0.18	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1457)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	5	0.37	0.18	0.37
(17,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	5	0.37	0.18	0.37
(17,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	5	0.37	0.18	0.37
(17,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	5	0.37	0.18	0.37
(29,1464)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	5	0.37	0.18	0.37
(29,1464)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	5	0.37	0.18	0.37
(29,1464)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	5	0.37	0.18	0.37
(33,1455)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	5	0.37	0.18	0.37
(33,1455)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	5	0.37	0.18	0.37
(33,1455)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	5	0.37	0.18	0.37
(5,1667)	1:131:A:LEU:H	1:134:A:VAL:HG11	5	0.37	0.39	0.13
(5,1667)	1:131:A:LEU:H	1:134:A:VAL:HG12	5	0.37	0.39	0.13
(5,1667)	1:131:A:LEU:H	1:134:A:VAL:HG13	5	0.37	0.39	0.13
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG11	5	0.37	0.13	0.42
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG12	5	0.37	0.13	0.42
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG13	5	0.37	0.13	0.42
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG21	5	0.37	0.13	0.42
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG22	5	0.37	0.13	0.42
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG23	5	0.37	0.13	0.42
(34,1102)	1:54:A:ARG:HA	1:57:A:LEU:HD21	5	0.36	0.18	0.32
(34,1102)	1:54:A:ARG:HA	1:57:A:LEU:HD22	5	0.36	0.18	0.32
(34,1102)	1:54:A:ARG:HA	1:57:A:LEU:HD23	5	0.36	0.18	0.32
(16,1303)	1:11:A:ILE:HA	1:14:A:VAL:HG11	5	0.36	0.14	0.35
(16,1303)	1:11:A:ILE:HA	1:14:A:VAL:HG12	5	0.36	0.14	0.35
(16,1303)	1:11:A:ILE:HA	1:14:A:VAL:HG13	5	0.36	0.14	0.35
(5,501)	1:70:A:LYS:HE2	1:71:A:LYS:H	5	0.35	0.28	0.17
(5,501)	1:70:A:LYS:HE3	1:71:A:LYS:H	5	0.35	0.28	0.17
(7,107)	1:69:A:MET:H	1:70:A:LYS:HG3	5	0.35	0.15	0.31
(6,1402)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	5	0.35	0.11	0.33
(6,1402)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	5	0.35	0.11	0.33
(6,1402)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	5	0.35	0.11	0.33
(6,1402)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	5	0.35	0.11	0.33
(6,1402)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	5	0.35	0.11	0.33
(6,1402)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	5	0.35	0.11	0.33
(3,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	5	0.35	0.11	0.4
(3,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	5	0.35	0.11	0.4
(3,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	5	0.35	0.11	0.4
(4,793)	1:54:A:ARG:HE	1:58:A:ILE:HD11	5	0.35	0.17	0.33
(4,793)	1:54:A:ARG:HE	1:58:A:ILE:HD12	5	0.35	0.17	0.33
(4,793)	1:54:A:ARG:HE	1:58:A:ILE:HD13	5	0.35	0.17	0.33
(4,1803)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	5	0.35	0.11	0.4
(4,1803)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	5	0.35	0.11	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1803)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	5	0.35	0.11	0.4
(6,794)	1:54:A:ARG:HE	1:58:A:ILE:HD11	5	0.35	0.17	0.33
(6,794)	1:54:A:ARG:HE	1:58:A:ILE:HD12	5	0.35	0.17	0.33
(6,794)	1:54:A:ARG:HE	1:58:A:ILE:HD13	5	0.35	0.17	0.33
(9,799)	1:54:A:ARG:HE	1:58:A:ILE:HD11	5	0.35	0.17	0.33
(9,799)	1:54:A:ARG:HE	1:58:A:ILE:HD12	5	0.35	0.17	0.33
(9,799)	1:54:A:ARG:HE	1:58:A:ILE:HD13	5	0.35	0.17	0.33
(9,1815)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	5	0.35	0.11	0.4
(9,1815)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	5	0.35	0.11	0.4
(9,1815)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	5	0.35	0.11	0.4
(11,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	5	0.35	0.11	0.4
(11,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	5	0.35	0.11	0.4
(11,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	5	0.35	0.11	0.4
(17,1837)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	5	0.35	0.11	0.4
(17,1837)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	5	0.35	0.11	0.4
(17,1837)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	5	0.35	0.11	0.4
(18,811)	1:54:A:ARG:HE	1:58:A:ILE:HD11	5	0.35	0.17	0.33
(18,811)	1:54:A:ARG:HE	1:58:A:ILE:HD12	5	0.35	0.17	0.33
(18,811)	1:54:A:ARG:HE	1:58:A:ILE:HD13	5	0.35	0.17	0.33
(30,1823)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	5	0.35	0.11	0.4
(30,1823)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	5	0.35	0.11	0.4
(30,1823)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	5	0.35	0.11	0.4
(32,1787)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	5	0.35	0.11	0.4
(32,1787)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	5	0.35	0.11	0.4
(32,1787)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	5	0.35	0.11	0.4
(33,801)	1:54:A:ARG:HE	1:58:A:ILE:HD11	5	0.35	0.17	0.33
(33,801)	1:54:A:ARG:HE	1:58:A:ILE:HD12	5	0.35	0.17	0.33
(33,801)	1:54:A:ARG:HE	1:58:A:ILE:HD13	5	0.35	0.17	0.33
(1,475)	1:48:A:ARG:HA	1:53:A:THR:H	5	0.35	0.16	0.29
(2,805)	1:98:A:ILE:HD11	1:100:A:ALA:H	5	0.35	0.2	0.24
(2,805)	1:98:A:ILE:HD12	1:100:A:ALA:H	5	0.35	0.2	0.24
(2,805)	1:98:A:ILE:HD13	1:100:A:ALA:H	5	0.35	0.2	0.24
(3,475)	1:48:A:ARG:HA	1:53:A:THR:H	5	0.35	0.16	0.29
(3,822)	1:98:A:ILE:HD11	1:100:A:ALA:H	5	0.35	0.2	0.24
(3,822)	1:98:A:ILE:HD12	1:100:A:ALA:H	5	0.35	0.2	0.24
(3,822)	1:98:A:ILE:HD13	1:100:A:ALA:H	5	0.35	0.2	0.24
(4,463)	1:48:A:ARG:HA	1:53:A:THR:H	5	0.35	0.16	0.29
(5,463)	1:48:A:ARG:HA	1:53:A:THR:H	5	0.35	0.16	0.29
(5,809)	1:98:A:ILE:HD11	1:100:A:ALA:H	5	0.35	0.2	0.24
(5,809)	1:98:A:ILE:HD12	1:100:A:ALA:H	5	0.35	0.2	0.24
(5,809)	1:98:A:ILE:HD13	1:100:A:ALA:H	5	0.35	0.2	0.24
(6,468)	1:48:A:ARG:HA	1:53:A:THR:H	5	0.35	0.16	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,804)	1:98:A:ILE:HD11	1:100:A:ALA:H	5	0.35	0.2	0.24
(6,804)	1:98:A:ILE:HD12	1:100:A:ALA:H	5	0.35	0.2	0.24
(6,804)	1:98:A:ILE:HD13	1:100:A:ALA:H	5	0.35	0.2	0.24
(7,474)	1:48:A:ARG:HA	1:53:A:THR:H	5	0.35	0.16	0.29
(7,800)	1:98:A:ILE:HD11	1:100:A:ALA:H	5	0.35	0.2	0.24
(7,800)	1:98:A:ILE:HD12	1:100:A:ALA:H	5	0.35	0.2	0.24
(7,800)	1:98:A:ILE:HD13	1:100:A:ALA:H	5	0.35	0.2	0.24
(9,807)	1:98:A:ILE:HD11	1:100:A:ALA:H	5	0.35	0.2	0.24
(9,807)	1:98:A:ILE:HD12	1:100:A:ALA:H	5	0.35	0.2	0.24
(9,807)	1:98:A:ILE:HD13	1:100:A:ALA:H	5	0.35	0.2	0.24
(11,472)	1:48:A:ARG:HA	1:53:A:THR:H	5	0.35	0.16	0.29
(11,807)	1:98:A:ILE:HD11	1:100:A:ALA:H	5	0.35	0.2	0.24
(11,807)	1:98:A:ILE:HD12	1:100:A:ALA:H	5	0.35	0.2	0.24
(11,807)	1:98:A:ILE:HD13	1:100:A:ALA:H	5	0.35	0.2	0.24
(13,794)	1:98:A:ILE:HD11	1:100:A:ALA:H	5	0.35	0.2	0.24
(13,794)	1:98:A:ILE:HD12	1:100:A:ALA:H	5	0.35	0.2	0.24
(13,794)	1:98:A:ILE:HD13	1:100:A:ALA:H	5	0.35	0.2	0.24
(15,477)	1:48:A:ARG:HA	1:53:A:THR:H	5	0.35	0.16	0.29
(16,475)	1:48:A:ARG:HA	1:53:A:THR:H	5	0.35	0.16	0.29
(16,817)	1:98:A:ILE:HD11	1:100:A:ALA:H	5	0.35	0.2	0.24
(16,817)	1:98:A:ILE:HD12	1:100:A:ALA:H	5	0.35	0.2	0.24
(16,817)	1:98:A:ILE:HD13	1:100:A:ALA:H	5	0.35	0.2	0.24
(17,818)	1:98:A:ILE:HD11	1:100:A:ALA:H	5	0.35	0.2	0.24
(17,818)	1:98:A:ILE:HD12	1:100:A:ALA:H	5	0.35	0.2	0.24
(17,818)	1:98:A:ILE:HD13	1:100:A:ALA:H	5	0.35	0.2	0.24
(17,2092)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	5	0.35	0.23	0.21
(17,2092)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	5	0.35	0.23	0.21
(17,2092)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	5	0.35	0.23	0.21
(17,2092)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	5	0.35	0.23	0.21
(17,2092)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	5	0.35	0.23	0.21
(17,2092)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	5	0.35	0.23	0.21
(18,821)	1:98:A:ILE:HD11	1:100:A:ALA:H	5	0.35	0.2	0.24
(18,821)	1:98:A:ILE:HD12	1:100:A:ALA:H	5	0.35	0.2	0.24
(18,821)	1:98:A:ILE:HD13	1:100:A:ALA:H	5	0.35	0.2	0.24
(29,476)	1:48:A:ARG:HA	1:53:A:THR:H	5	0.35	0.16	0.29
(30,805)	1:98:A:ILE:HD11	1:100:A:ALA:H	5	0.35	0.2	0.24
(30,805)	1:98:A:ILE:HD12	1:100:A:ALA:H	5	0.35	0.2	0.24
(30,805)	1:98:A:ILE:HD13	1:100:A:ALA:H	5	0.35	0.2	0.24
(32,458)	1:48:A:ARG:HA	1:53:A:THR:H	5	0.35	0.16	0.29
(33,469)	1:48:A:ARG:HA	1:53:A:THR:H	5	0.35	0.16	0.29
(34,816)	1:98:A:ILE:HD11	1:100:A:ALA:H	5	0.35	0.2	0.24
(34,816)	1:98:A:ILE:HD12	1:100:A:ALA:H	5	0.35	0.2	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,816)	1:98:A:ILE:HD13	1:100:A:ALA:H	5	0.35	0.2	0.24
(2,1600)	1:98:A:ILE:HG21	1:116:A:GLN:H	5	0.34	0.12	0.38
(2,1600)	1:98:A:ILE:HG22	1:116:A:GLN:H	5	0.34	0.12	0.38
(2,1600)	1:98:A:ILE:HG23	1:116:A:GLN:H	5	0.34	0.12	0.38
(3,1618)	1:98:A:ILE:HG21	1:116:A:GLN:H	5	0.34	0.12	0.38
(3,1618)	1:98:A:ILE:HG22	1:116:A:GLN:H	5	0.34	0.12	0.38
(3,1618)	1:98:A:ILE:HG23	1:116:A:GLN:H	5	0.34	0.12	0.38
(4,1566)	1:98:A:ILE:HG21	1:116:A:GLN:H	5	0.34	0.12	0.38
(4,1566)	1:98:A:ILE:HG22	1:116:A:GLN:H	5	0.34	0.12	0.38
(4,1566)	1:98:A:ILE:HG23	1:116:A:GLN:H	5	0.34	0.12	0.38
(6,1585)	1:98:A:ILE:HG21	1:116:A:GLN:H	5	0.34	0.12	0.38
(6,1585)	1:98:A:ILE:HG22	1:116:A:GLN:H	5	0.34	0.12	0.38
(6,1585)	1:98:A:ILE:HG23	1:116:A:GLN:H	5	0.34	0.12	0.38
(9,1581)	1:98:A:ILE:HG21	1:116:A:GLN:H	5	0.34	0.12	0.38
(9,1581)	1:98:A:ILE:HG22	1:116:A:GLN:H	5	0.34	0.12	0.38
(9,1581)	1:98:A:ILE:HG23	1:116:A:GLN:H	5	0.34	0.12	0.38
(11,1615)	1:98:A:ILE:HG21	1:116:A:GLN:H	5	0.34	0.12	0.38
(11,1615)	1:98:A:ILE:HG22	1:116:A:GLN:H	5	0.34	0.12	0.38
(11,1615)	1:98:A:ILE:HG23	1:116:A:GLN:H	5	0.34	0.12	0.38
(16,596)	1:75:A:GLY:H	1:76:A:ARG:HB2	5	0.34	0.2	0.31
(16,1572)	1:98:A:ILE:HG21	1:116:A:GLN:H	5	0.34	0.12	0.38
(16,1572)	1:98:A:ILE:HG22	1:116:A:GLN:H	5	0.34	0.12	0.38
(16,1572)	1:98:A:ILE:HG23	1:116:A:GLN:H	5	0.34	0.12	0.38
(17,1602)	1:98:A:ILE:HG21	1:116:A:GLN:H	5	0.34	0.12	0.38
(17,1602)	1:98:A:ILE:HG22	1:116:A:GLN:H	5	0.34	0.12	0.38
(17,1602)	1:98:A:ILE:HG23	1:116:A:GLN:H	5	0.34	0.12	0.38
(18,1571)	1:98:A:ILE:HG21	1:116:A:GLN:H	5	0.34	0.12	0.38
(18,1571)	1:98:A:ILE:HG22	1:116:A:GLN:H	5	0.34	0.12	0.38
(18,1571)	1:98:A:ILE:HG23	1:116:A:GLN:H	5	0.34	0.12	0.38
(29,1599)	1:98:A:ILE:HG21	1:116:A:GLN:H	5	0.34	0.12	0.38
(29,1599)	1:98:A:ILE:HG22	1:116:A:GLN:H	5	0.34	0.12	0.38
(29,1599)	1:98:A:ILE:HG23	1:116:A:GLN:H	5	0.34	0.12	0.38
(30,1588)	1:98:A:ILE:HG21	1:116:A:GLN:H	5	0.34	0.12	0.38
(30,1588)	1:98:A:ILE:HG22	1:116:A:GLN:H	5	0.34	0.12	0.38
(30,1588)	1:98:A:ILE:HG23	1:116:A:GLN:H	5	0.34	0.12	0.38
(33,1574)	1:98:A:ILE:HG21	1:116:A:GLN:H	5	0.34	0.12	0.38
(33,1574)	1:98:A:ILE:HG22	1:116:A:GLN:H	5	0.34	0.12	0.38
(33,1574)	1:98:A:ILE:HG23	1:116:A:GLN:H	5	0.34	0.12	0.38
(34,1603)	1:98:A:ILE:HG21	1:116:A:GLN:H	5	0.34	0.12	0.38
(34,1603)	1:98:A:ILE:HG22	1:116:A:GLN:H	5	0.34	0.12	0.38
(34,1603)	1:98:A:ILE:HG23	1:116:A:GLN:H	5	0.34	0.12	0.38
(2,63)	1:81:A:GLU:H	1:81:A:GLU:HG2	5	0.34	0.22	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,63)	1:81:A:GLU:H	1:81:A:GLU:HG3	5	0.34	0.22	0.28
(5,60)	1:81:A:GLU:H	1:81:A:GLU:HG2	5	0.34	0.22	0.28
(5,60)	1:81:A:GLU:H	1:81:A:GLU:HG3	5	0.34	0.22	0.28
(7,62)	1:81:A:GLU:H	1:81:A:GLU:HG2	5	0.34	0.22	0.28
(7,62)	1:81:A:GLU:H	1:81:A:GLU:HG3	5	0.34	0.22	0.28
(13,62)	1:81:A:GLU:H	1:81:A:GLU:HG2	5	0.34	0.22	0.28
(13,62)	1:81:A:GLU:H	1:81:A:GLU:HG3	5	0.34	0.22	0.28
(16,63)	1:81:A:GLU:H	1:81:A:GLU:HG2	5	0.34	0.22	0.28
(16,63)	1:81:A:GLU:H	1:81:A:GLU:HG3	5	0.34	0.22	0.28
(17,64)	1:81:A:GLU:H	1:81:A:GLU:HG2	5	0.34	0.22	0.28
(17,64)	1:81:A:GLU:H	1:81:A:GLU:HG3	5	0.34	0.22	0.28
(29,67)	1:81:A:GLU:H	1:81:A:GLU:HG2	5	0.34	0.22	0.28
(29,67)	1:81:A:GLU:H	1:81:A:GLU:HG3	5	0.34	0.22	0.28
(33,70)	1:81:A:GLU:H	1:81:A:GLU:HG2	5	0.34	0.22	0.28
(33,70)	1:81:A:GLU:H	1:81:A:GLU:HG3	5	0.34	0.22	0.28
(34,64)	1:81:A:GLU:H	1:81:A:GLU:HG2	5	0.34	0.22	0.28
(34,64)	1:81:A:GLU:H	1:81:A:GLU:HG3	5	0.34	0.22	0.28
(2,1616)	1:119:A:LEU:H	1:121:A:VAL:HG11	5	0.34	0.09	0.3
(2,1616)	1:119:A:LEU:H	1:121:A:VAL:HG12	5	0.34	0.09	0.3
(2,1616)	1:119:A:LEU:H	1:121:A:VAL:HG13	5	0.34	0.09	0.3
(3,1635)	1:119:A:LEU:H	1:121:A:VAL:HG11	5	0.34	0.09	0.3
(3,1635)	1:119:A:LEU:H	1:121:A:VAL:HG12	5	0.34	0.09	0.3
(3,1635)	1:119:A:LEU:H	1:121:A:VAL:HG13	5	0.34	0.09	0.3
(4,1582)	1:119:A:LEU:H	1:121:A:VAL:HG11	5	0.34	0.09	0.3
(4,1582)	1:119:A:LEU:H	1:121:A:VAL:HG12	5	0.34	0.09	0.3
(4,1582)	1:119:A:LEU:H	1:121:A:VAL:HG13	5	0.34	0.09	0.3
(7,1574)	1:119:A:LEU:H	1:121:A:VAL:HG11	5	0.34	0.09	0.3
(7,1574)	1:119:A:LEU:H	1:121:A:VAL:HG12	5	0.34	0.09	0.3
(7,1574)	1:119:A:LEU:H	1:121:A:VAL:HG13	5	0.34	0.09	0.3
(9,1596)	1:119:A:LEU:H	1:121:A:VAL:HG11	5	0.34	0.09	0.3
(9,1596)	1:119:A:LEU:H	1:121:A:VAL:HG12	5	0.34	0.09	0.3
(9,1596)	1:119:A:LEU:H	1:121:A:VAL:HG13	5	0.34	0.09	0.3
(11,1635)	1:119:A:LEU:H	1:121:A:VAL:HG11	5	0.34	0.09	0.3
(11,1635)	1:119:A:LEU:H	1:121:A:VAL:HG12	5	0.34	0.09	0.3
(11,1635)	1:119:A:LEU:H	1:121:A:VAL:HG13	5	0.34	0.09	0.3
(16,1590)	1:119:A:LEU:H	1:121:A:VAL:HG11	5	0.34	0.09	0.3
(16,1590)	1:119:A:LEU:H	1:121:A:VAL:HG12	5	0.34	0.09	0.3
(16,1590)	1:119:A:LEU:H	1:121:A:VAL:HG13	5	0.34	0.09	0.3
(18,1586)	1:119:A:LEU:H	1:121:A:VAL:HG11	5	0.34	0.09	0.3
(18,1586)	1:119:A:LEU:H	1:121:A:VAL:HG12	5	0.34	0.09	0.3
(18,1586)	1:119:A:LEU:H	1:121:A:VAL:HG13	5	0.34	0.09	0.3
(33,1592)	1:119:A:LEU:H	1:121:A:VAL:HG11	5	0.34	0.09	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,1592)	1:119:A:LEU:H	1:121:A:VAL:HG12	5	0.34	0.09	0.3
(33,1592)	1:119:A:LEU:H	1:121:A:VAL:HG13	5	0.34	0.09	0.3
(34,1617)	1:119:A:LEU:H	1:121:A:VAL:HG11	5	0.34	0.09	0.3
(34,1617)	1:119:A:LEU:H	1:121:A:VAL:HG12	5	0.34	0.09	0.3
(34,1617)	1:119:A:LEU:H	1:121:A:VAL:HG13	5	0.34	0.09	0.3
(1,1410)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	5	0.34	0.14	0.3
(1,1410)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	5	0.34	0.14	0.3
(1,1410)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	5	0.34	0.14	0.3
(1,1538)	1:69:A:MET:HE1	1:110:A:MET:HA	5	0.34	0.16	0.29
(1,1538)	1:69:A:MET:HE2	1:110:A:MET:HA	5	0.34	0.16	0.29
(1,1538)	1:69:A:MET:HE3	1:110:A:MET:HA	5	0.34	0.16	0.29
(3,1549)	1:69:A:MET:HE1	1:110:A:MET:HA	5	0.34	0.16	0.29
(3,1549)	1:69:A:MET:HE2	1:110:A:MET:HA	5	0.34	0.16	0.29
(3,1549)	1:69:A:MET:HE3	1:110:A:MET:HA	5	0.34	0.16	0.29
(4,1387)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	5	0.34	0.14	0.3
(4,1387)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	5	0.34	0.14	0.3
(4,1387)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	5	0.34	0.14	0.3
(6,1520)	1:69:A:MET:HE1	1:110:A:MET:HA	5	0.34	0.16	0.29
(6,1520)	1:69:A:MET:HE2	1:110:A:MET:HA	5	0.34	0.16	0.29
(6,1520)	1:69:A:MET:HE3	1:110:A:MET:HA	5	0.34	0.16	0.29
(13,1496)	1:69:A:MET:HE1	1:110:A:MET:HA	5	0.34	0.16	0.29
(13,1496)	1:69:A:MET:HE2	1:110:A:MET:HA	5	0.34	0.16	0.29
(13,1496)	1:69:A:MET:HE3	1:110:A:MET:HA	5	0.34	0.16	0.29
(2,808)	1:64:A:LYS:H	1:98:A:ILE:HD11	5	0.33	0.13	0.32
(2,808)	1:64:A:LYS:H	1:98:A:ILE:HD12	5	0.33	0.13	0.32
(2,808)	1:64:A:LYS:H	1:98:A:ILE:HD13	5	0.33	0.13	0.32
(4,807)	1:64:A:LYS:H	1:98:A:ILE:HD11	5	0.33	0.13	0.32
(4,807)	1:64:A:LYS:H	1:98:A:ILE:HD12	5	0.33	0.13	0.32
(4,807)	1:64:A:LYS:H	1:98:A:ILE:HD13	5	0.33	0.13	0.32
(6,807)	1:64:A:LYS:H	1:98:A:ILE:HD11	5	0.33	0.13	0.32
(6,807)	1:64:A:LYS:H	1:98:A:ILE:HD12	5	0.33	0.13	0.32
(6,807)	1:64:A:LYS:H	1:98:A:ILE:HD13	5	0.33	0.13	0.32
(9,810)	1:64:A:LYS:H	1:98:A:ILE:HD11	5	0.33	0.13	0.32
(9,810)	1:64:A:LYS:H	1:98:A:ILE:HD12	5	0.33	0.13	0.32
(9,810)	1:64:A:LYS:H	1:98:A:ILE:HD13	5	0.33	0.13	0.32
(11,810)	1:64:A:LYS:H	1:98:A:ILE:HD11	5	0.33	0.13	0.32
(11,810)	1:64:A:LYS:H	1:98:A:ILE:HD12	5	0.33	0.13	0.32
(11,810)	1:64:A:LYS:H	1:98:A:ILE:HD13	5	0.33	0.13	0.32
(16,820)	1:64:A:LYS:H	1:98:A:ILE:HD11	5	0.33	0.13	0.32
(16,820)	1:64:A:LYS:H	1:98:A:ILE:HD12	5	0.33	0.13	0.32
(16,820)	1:64:A:LYS:H	1:98:A:ILE:HD13	5	0.33	0.13	0.32
(17,821)	1:64:A:LYS:H	1:98:A:ILE:HD11	5	0.33	0.13	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,821)	1:64:A:LYS:H	1:98:A:ILE:HD12	5	0.33	0.13	0.32
(17,821)	1:64:A:LYS:H	1:98:A:ILE:HD13	5	0.33	0.13	0.32
(29,827)	1:64:A:LYS:H	1:98:A:ILE:HD11	5	0.33	0.13	0.32
(29,827)	1:64:A:LYS:H	1:98:A:ILE:HD12	5	0.33	0.13	0.32
(29,827)	1:64:A:LYS:H	1:98:A:ILE:HD13	5	0.33	0.13	0.32
(30,808)	1:64:A:LYS:H	1:98:A:ILE:HD11	5	0.33	0.13	0.32
(30,808)	1:64:A:LYS:H	1:98:A:ILE:HD12	5	0.33	0.13	0.32
(30,808)	1:64:A:LYS:H	1:98:A:ILE:HD13	5	0.33	0.13	0.32
(32,793)	1:64:A:LYS:H	1:98:A:ILE:HD11	5	0.33	0.13	0.32
(32,793)	1:64:A:LYS:H	1:98:A:ILE:HD12	5	0.33	0.13	0.32
(32,793)	1:64:A:LYS:H	1:98:A:ILE:HD13	5	0.33	0.13	0.32
(33,814)	1:64:A:LYS:H	1:98:A:ILE:HD11	5	0.33	0.13	0.32
(33,814)	1:64:A:LYS:H	1:98:A:ILE:HD12	5	0.33	0.13	0.32
(33,814)	1:64:A:LYS:H	1:98:A:ILE:HD13	5	0.33	0.13	0.32
(34,1906)	1:63:A:ILE:HB	1:113:A:PHE:HD1	5	0.33	0.19	0.31
(34,1906)	1:63:A:ILE:HB	1:113:A:PHE:HD2	5	0.33	0.19	0.31
(1,348)	1:123:A:CYS:H	1:123:A:CYS:HB2	5	0.33	0.02	0.34
(2,340)	1:123:A:CYS:H	1:123:A:CYS:HB2	5	0.33	0.02	0.34
(3,345)	1:123:A:CYS:H	1:123:A:CYS:HB2	5	0.33	0.02	0.34
(4,310)	1:136:A:CYS:HA	1:140:A:LEU:H	5	0.33	0.26	0.23
(5,310)	1:136:A:CYS:HA	1:140:A:LEU:H	5	0.33	0.26	0.23
(6,314)	1:136:A:CYS:HA	1:140:A:LEU:H	5	0.33	0.26	0.23
(9,327)	1:136:A:CYS:HA	1:140:A:LEU:H	5	0.33	0.26	0.23
(9,1635)	1:97:A:ASP:HB2	1:99:A:PRO:HA	5	0.33	0.08	0.35
(9,1635)	1:97:A:ASP:HB3	1:99:A:PRO:HA	5	0.33	0.08	0.35
(15,321)	1:136:A:CYS:HA	1:140:A:LEU:H	5	0.33	0.26	0.23
(17,315)	1:136:A:CYS:HA	1:140:A:LEU:H	5	0.33	0.26	0.23
(18,327)	1:136:A:CYS:HA	1:140:A:LEU:H	5	0.33	0.26	0.23
(29,316)	1:136:A:CYS:HA	1:140:A:LEU:H	5	0.33	0.26	0.23
(30,318)	1:136:A:CYS:HA	1:140:A:LEU:H	5	0.33	0.26	0.23
(34,325)	1:136:A:CYS:HA	1:140:A:LEU:H	5	0.33	0.26	0.23
(32,2435)	1:134:A:VAL:HG11	1:137:A:SER:H	5	0.33	0.27	0.18
(32,2435)	1:134:A:VAL:HG12	1:137:A:SER:H	5	0.33	0.27	0.18
(32,2435)	1:134:A:VAL:HG13	1:137:A:SER:H	5	0.33	0.27	0.18
(32,2435)	1:134:A:VAL:HG21	1:137:A:SER:H	5	0.33	0.27	0.18
(32,2435)	1:134:A:VAL:HG22	1:137:A:SER:H	5	0.33	0.27	0.18
(32,2435)	1:134:A:VAL:HG23	1:137:A:SER:H	5	0.33	0.27	0.18
(7,2202)	1:64:A:LYS:H	1:116:A:GLN:HG2	5	0.33	0.09	0.34
(7,2202)	1:64:A:LYS:H	1:116:A:GLN:HG3	5	0.33	0.09	0.34
(33,2220)	1:64:A:LYS:H	1:116:A:GLN:HG2	5	0.33	0.09	0.34
(33,2220)	1:64:A:LYS:H	1:116:A:GLN:HG3	5	0.33	0.09	0.34
(5,2027)	1:23:A:LEU:HD11	1:24:A:ASP:H	5	0.32	0.04	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,2027)	1:23:A:LEU:HD12	1:24:A:ASP:H	5	0.32	0.04	0.34
(5,2027)	1:23:A:LEU:HD13	1:24:A:ASP:H	5	0.32	0.04	0.34
(5,2027)	1:23:A:LEU:HD21	1:24:A:ASP:H	5	0.32	0.04	0.34
(5,2027)	1:23:A:LEU:HD22	1:24:A:ASP:H	5	0.32	0.04	0.34
(5,2027)	1:23:A:LEU:HD23	1:24:A:ASP:H	5	0.32	0.04	0.34
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD11	5	0.32	0.14	0.28
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD12	5	0.32	0.14	0.28
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD13	5	0.32	0.14	0.28
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD21	5	0.32	0.14	0.28
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD22	5	0.32	0.14	0.28
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD23	5	0.32	0.14	0.28
(6,2202)	1:57:A:LEU:HD11	1:60:A:LEU:HG	5	0.32	0.15	0.29
(6,2202)	1:57:A:LEU:HD12	1:60:A:LEU:HG	5	0.32	0.15	0.29
(6,2202)	1:57:A:LEU:HD13	1:60:A:LEU:HG	5	0.32	0.15	0.29
(6,2202)	1:57:A:LEU:HD21	1:60:A:LEU:HG	5	0.32	0.15	0.29
(6,2202)	1:57:A:LEU:HD22	1:60:A:LEU:HG	5	0.32	0.15	0.29
(6,2202)	1:57:A:LEU:HD23	1:60:A:LEU:HG	5	0.32	0.15	0.29
(11,2211)	1:57:A:LEU:HD11	1:60:A:LEU:HG	5	0.32	0.15	0.29
(11,2211)	1:57:A:LEU:HD12	1:60:A:LEU:HG	5	0.32	0.15	0.29
(11,2211)	1:57:A:LEU:HD13	1:60:A:LEU:HG	5	0.32	0.15	0.29
(11,2211)	1:57:A:LEU:HD21	1:60:A:LEU:HG	5	0.32	0.15	0.29
(11,2211)	1:57:A:LEU:HD22	1:60:A:LEU:HG	5	0.32	0.15	0.29
(11,2211)	1:57:A:LEU:HD23	1:60:A:LEU:HG	5	0.32	0.15	0.29
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	5	0.32	0.21	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	5	0.32	0.21	0.29
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	5	0.32	0.21	0.29
(16,913)	1:20:A:THR:H	1:21:A:THR:HB	5	0.32	0.27	0.15
(30,2210)	1:57:A:LEU:HD11	1:60:A:LEU:HG	5	0.32	0.15	0.29
(30,2210)	1:57:A:LEU:HD12	1:60:A:LEU:HG	5	0.32	0.15	0.29
(30,2210)	1:57:A:LEU:HD13	1:60:A:LEU:HG	5	0.32	0.15	0.29
(30,2210)	1:57:A:LEU:HD21	1:60:A:LEU:HG	5	0.32	0.15	0.29
(30,2210)	1:57:A:LEU:HD22	1:60:A:LEU:HG	5	0.32	0.15	0.29
(30,2210)	1:57:A:LEU:HD23	1:60:A:LEU:HG	5	0.32	0.15	0.29
(1,1629)	1:23:A:LEU:HB2	1:24:A:ASP:HA	5	0.32	0.07	0.33
(1,1629)	1:23:A:LEU:HB3	1:24:A:ASP:HA	5	0.32	0.07	0.33
(5,1632)	1:23:A:LEU:HB2	1:24:A:ASP:HA	5	0.32	0.07	0.33
(5,1632)	1:23:A:LEU:HB3	1:24:A:ASP:HA	5	0.32	0.07	0.33
(11,1647)	1:23:A:LEU:HB2	1:24:A:ASP:HA	5	0.32	0.07	0.33
(11,1647)	1:23:A:LEU:HB3	1:24:A:ASP:HA	5	0.32	0.07	0.33
(17,1632)	1:23:A:LEU:HB2	1:24:A:ASP:HA	5	0.32	0.07	0.33
(17,1632)	1:23:A:LEU:HB3	1:24:A:ASP:HA	5	0.32	0.07	0.33
(1,764)	1:147:A:ARG:HA	1:147:A:ARG:HE	5	0.31	0.08	0.32
(2,2267)	1:69:A:MET:H	1:70:A:LYS:HG2	5	0.31	0.16	0.26
(2,2267)	1:69:A:MET:H	1:70:A:LYS:HG3	5	0.31	0.16	0.26
(5,1548)	1:69:A:MET:HE1	1:112:A:GLN:HG2	5	0.31	0.18	0.18
(5,1548)	1:69:A:MET:HE1	1:112:A:GLN:HG3	5	0.31	0.18	0.18
(5,1548)	1:69:A:MET:HE2	1:112:A:GLN:HG2	5	0.31	0.18	0.18
(5,1548)	1:69:A:MET:HE2	1:112:A:GLN:HG3	5	0.31	0.18	0.18
(5,1548)	1:69:A:MET:HE3	1:112:A:GLN:HG2	5	0.31	0.18	0.18
(5,1548)	1:69:A:MET:HE3	1:112:A:GLN:HG3	5	0.31	0.18	0.18
(5,2240)	1:69:A:MET:H	1:70:A:LYS:HG2	5	0.31	0.16	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,2240)	1:69:A:MET:H	1:70:A:LYS:HG3	5	0.31	0.16	0.26
(13,2213)	1:69:A:MET:H	1:70:A:LYS:HG2	5	0.31	0.16	0.26
(13,2213)	1:69:A:MET:H	1:70:A:LYS:HG3	5	0.31	0.16	0.26
(15,2226)	1:69:A:MET:H	1:70:A:LYS:HG2	5	0.31	0.16	0.26
(15,2226)	1:69:A:MET:H	1:70:A:LYS:HG3	5	0.31	0.16	0.26
(32,2242)	1:69:A:MET:H	1:70:A:LYS:HG2	5	0.31	0.16	0.26
(32,2242)	1:69:A:MET:H	1:70:A:LYS:HG3	5	0.31	0.16	0.26
(33,2248)	1:69:A:MET:H	1:70:A:LYS:HG2	5	0.31	0.16	0.26
(33,2248)	1:69:A:MET:H	1:70:A:LYS:HG3	5	0.31	0.16	0.26
(1,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE1	5	0.31	0.16	0.31
(1,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE2	5	0.31	0.16	0.31
(1,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE3	5	0.31	0.16	0.31
(1,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE1	5	0.31	0.16	0.31
(1,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE2	5	0.31	0.16	0.31
(1,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE3	5	0.31	0.16	0.31
(1,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE1	5	0.31	0.16	0.31
(1,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE2	5	0.31	0.16	0.31
(1,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE3	5	0.31	0.16	0.31
(5,1531)	1:11:A:ILE:HG21	1:43:A:MET:HE1	5	0.31	0.16	0.31
(5,1531)	1:11:A:ILE:HG21	1:43:A:MET:HE2	5	0.31	0.16	0.31
(5,1531)	1:11:A:ILE:HG21	1:43:A:MET:HE3	5	0.31	0.16	0.31
(5,1531)	1:11:A:ILE:HG22	1:43:A:MET:HE1	5	0.31	0.16	0.31
(5,1531)	1:11:A:ILE:HG22	1:43:A:MET:HE2	5	0.31	0.16	0.31
(5,1531)	1:11:A:ILE:HG22	1:43:A:MET:HE3	5	0.31	0.16	0.31
(5,1531)	1:11:A:ILE:HG23	1:43:A:MET:HE1	5	0.31	0.16	0.31
(5,1531)	1:11:A:ILE:HG23	1:43:A:MET:HE2	5	0.31	0.16	0.31
(5,1531)	1:11:A:ILE:HG23	1:43:A:MET:HE3	5	0.31	0.16	0.31
(9,1510)	1:11:A:ILE:HG21	1:43:A:MET:HE1	5	0.31	0.16	0.31
(9,1510)	1:11:A:ILE:HG21	1:43:A:MET:HE2	5	0.31	0.16	0.31
(9,1510)	1:11:A:ILE:HG21	1:43:A:MET:HE3	5	0.31	0.16	0.31
(9,1510)	1:11:A:ILE:HG22	1:43:A:MET:HE1	5	0.31	0.16	0.31
(9,1510)	1:11:A:ILE:HG22	1:43:A:MET:HE2	5	0.31	0.16	0.31
(9,1510)	1:11:A:ILE:HG22	1:43:A:MET:HE3	5	0.31	0.16	0.31
(9,1510)	1:11:A:ILE:HG23	1:43:A:MET:HE1	5	0.31	0.16	0.31
(9,1510)	1:11:A:ILE:HG23	1:43:A:MET:HE2	5	0.31	0.16	0.31
(9,1510)	1:11:A:ILE:HG23	1:43:A:MET:HE3	5	0.31	0.16	0.31
(13,1487)	1:11:A:ILE:HG21	1:43:A:MET:HE1	5	0.31	0.16	0.31
(13,1487)	1:11:A:ILE:HG21	1:43:A:MET:HE2	5	0.31	0.16	0.31
(13,1487)	1:11:A:ILE:HG21	1:43:A:MET:HE3	5	0.31	0.16	0.31
(13,1487)	1:11:A:ILE:HG22	1:43:A:MET:HE1	5	0.31	0.16	0.31
(13,1487)	1:11:A:ILE:HG22	1:43:A:MET:HE2	5	0.31	0.16	0.31
(13,1487)	1:11:A:ILE:HG22	1:43:A:MET:HE3	5	0.31	0.16	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1487)	1:11:A:ILE:HG23	1:43:A:MET:HE1	5	0.31	0.16	0.31
(13,1487)	1:11:A:ILE:HG23	1:43:A:MET:HE2	5	0.31	0.16	0.31
(13,1487)	1:11:A:ILE:HG23	1:43:A:MET:HE3	5	0.31	0.16	0.31
(16,1514)	1:11:A:ILE:HG21	1:43:A:MET:HE1	5	0.31	0.16	0.31
(16,1514)	1:11:A:ILE:HG21	1:43:A:MET:HE2	5	0.31	0.16	0.31
(16,1514)	1:11:A:ILE:HG21	1:43:A:MET:HE3	5	0.31	0.16	0.31
(16,1514)	1:11:A:ILE:HG22	1:43:A:MET:HE1	5	0.31	0.16	0.31
(16,1514)	1:11:A:ILE:HG22	1:43:A:MET:HE2	5	0.31	0.16	0.31
(16,1514)	1:11:A:ILE:HG22	1:43:A:MET:HE3	5	0.31	0.16	0.31
(16,1514)	1:11:A:ILE:HG23	1:43:A:MET:HE1	5	0.31	0.16	0.31
(16,1514)	1:11:A:ILE:HG23	1:43:A:MET:HE2	5	0.31	0.16	0.31
(16,1514)	1:11:A:ILE:HG23	1:43:A:MET:HE3	5	0.31	0.16	0.31
(18,1504)	1:11:A:ILE:HG21	1:43:A:MET:HE1	5	0.31	0.16	0.31
(18,1504)	1:11:A:ILE:HG21	1:43:A:MET:HE2	5	0.31	0.16	0.31
(18,1504)	1:11:A:ILE:HG21	1:43:A:MET:HE3	5	0.31	0.16	0.31
(18,1504)	1:11:A:ILE:HG22	1:43:A:MET:HE1	5	0.31	0.16	0.31
(18,1504)	1:11:A:ILE:HG22	1:43:A:MET:HE2	5	0.31	0.16	0.31
(18,1504)	1:11:A:ILE:HG22	1:43:A:MET:HE3	5	0.31	0.16	0.31
(18,1504)	1:11:A:ILE:HG23	1:43:A:MET:HE1	5	0.31	0.16	0.31
(18,1504)	1:11:A:ILE:HG23	1:43:A:MET:HE2	5	0.31	0.16	0.31
(18,1504)	1:11:A:ILE:HG23	1:43:A:MET:HE3	5	0.31	0.16	0.31
(29,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE1	5	0.31	0.16	0.31
(29,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE2	5	0.31	0.16	0.31
(29,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE3	5	0.31	0.16	0.31
(29,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE1	5	0.31	0.16	0.31
(29,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE2	5	0.31	0.16	0.31
(29,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE3	5	0.31	0.16	0.31
(29,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE1	5	0.31	0.16	0.31
(29,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE2	5	0.31	0.16	0.31
(29,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE3	5	0.31	0.16	0.31
(32,1473)	1:11:A:ILE:HG21	1:43:A:MET:HE1	5	0.31	0.16	0.31
(32,1473)	1:11:A:ILE:HG21	1:43:A:MET:HE2	5	0.31	0.16	0.31
(32,1473)	1:11:A:ILE:HG21	1:43:A:MET:HE3	5	0.31	0.16	0.31
(32,1473)	1:11:A:ILE:HG22	1:43:A:MET:HE1	5	0.31	0.16	0.31
(32,1473)	1:11:A:ILE:HG22	1:43:A:MET:HE2	5	0.31	0.16	0.31
(32,1473)	1:11:A:ILE:HG22	1:43:A:MET:HE3	5	0.31	0.16	0.31
(32,1473)	1:11:A:ILE:HG23	1:43:A:MET:HE1	5	0.31	0.16	0.31
(32,1473)	1:11:A:ILE:HG23	1:43:A:MET:HE2	5	0.31	0.16	0.31
(32,1473)	1:11:A:ILE:HG23	1:43:A:MET:HE3	5	0.31	0.16	0.31
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD11	5	0.31	0.08	0.35
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD12	5	0.31	0.08	0.35
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD13	5	0.31	0.08	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD21	5	0.31	0.08	0.35
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD22	5	0.31	0.08	0.35
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD23	5	0.31	0.08	0.35
(33,1506)	1:11:A:ILE:HG21	1:43:A:MET:HE1	5	0.31	0.16	0.31
(33,1506)	1:11:A:ILE:HG21	1:43:A:MET:HE2	5	0.31	0.16	0.31
(33,1506)	1:11:A:ILE:HG21	1:43:A:MET:HE3	5	0.31	0.16	0.31
(33,1506)	1:11:A:ILE:HG22	1:43:A:MET:HE1	5	0.31	0.16	0.31
(33,1506)	1:11:A:ILE:HG22	1:43:A:MET:HE2	5	0.31	0.16	0.31
(33,1506)	1:11:A:ILE:HG22	1:43:A:MET:HE3	5	0.31	0.16	0.31
(33,1506)	1:11:A:ILE:HG23	1:43:A:MET:HE1	5	0.31	0.16	0.31
(33,1506)	1:11:A:ILE:HG23	1:43:A:MET:HE2	5	0.31	0.16	0.31
(33,1506)	1:11:A:ILE:HG23	1:43:A:MET:HE3	5	0.31	0.16	0.31
(34,1529)	1:11:A:ILE:HG21	1:43:A:MET:HE1	5	0.31	0.16	0.31
(34,1529)	1:11:A:ILE:HG21	1:43:A:MET:HE2	5	0.31	0.16	0.31
(34,1529)	1:11:A:ILE:HG21	1:43:A:MET:HE3	5	0.31	0.16	0.31
(34,1529)	1:11:A:ILE:HG22	1:43:A:MET:HE1	5	0.31	0.16	0.31
(34,1529)	1:11:A:ILE:HG22	1:43:A:MET:HE2	5	0.31	0.16	0.31
(34,1529)	1:11:A:ILE:HG22	1:43:A:MET:HE3	5	0.31	0.16	0.31
(34,1529)	1:11:A:ILE:HG23	1:43:A:MET:HE1	5	0.31	0.16	0.31
(34,1529)	1:11:A:ILE:HG23	1:43:A:MET:HE2	5	0.31	0.16	0.31
(34,1529)	1:11:A:ILE:HG23	1:43:A:MET:HE3	5	0.31	0.16	0.31
(1,2024)	1:23:A:LEU:HD11	1:24:A:ASP:H	5	0.31	0.04	0.33
(1,2024)	1:23:A:LEU:HD12	1:24:A:ASP:H	5	0.31	0.04	0.33
(1,2024)	1:23:A:LEU:HD13	1:24:A:ASP:H	5	0.31	0.04	0.33
(1,2024)	1:23:A:LEU:HD21	1:24:A:ASP:H	5	0.31	0.04	0.33
(1,2024)	1:23:A:LEU:HD22	1:24:A:ASP:H	5	0.31	0.04	0.33
(1,2024)	1:23:A:LEU:HD23	1:24:A:ASP:H	5	0.31	0.04	0.33
(2,1862)	1:143:A:TRP:HA	1:143:A:TRP:HE3	5	0.31	0.14	0.24
(18,2325)	1:107:A:LEU:HD11	1:115:A:ALA:H	5	0.31	0.17	0.27
(18,2325)	1:107:A:LEU:HD12	1:115:A:ALA:H	5	0.31	0.17	0.27
(18,2325)	1:107:A:LEU:HD13	1:115:A:ALA:H	5	0.31	0.17	0.27
(18,2325)	1:107:A:LEU:HD21	1:115:A:ALA:H	5	0.31	0.17	0.27
(18,2325)	1:107:A:LEU:HD22	1:115:A:ALA:H	5	0.31	0.17	0.27
(18,2325)	1:107:A:LEU:HD23	1:115:A:ALA:H	5	0.31	0.17	0.27
(32,1801)	1:143:A:TRP:HA	1:143:A:TRP:HE3	5	0.31	0.14	0.24
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	5	0.31	0.21	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	5	0.31	0.21	0.28
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	5	0.31	0.21	0.28
(2,910)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	5	0.31	0.14	0.32
(2,910)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	5	0.31	0.14	0.32
(2,910)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	5	0.31	0.14	0.32
(9,916)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	5	0.31	0.14	0.32
(9,916)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	5	0.31	0.14	0.32
(9,916)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	5	0.31	0.14	0.32
(11,922)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	5	0.31	0.14	0.32
(11,922)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	5	0.31	0.14	0.32
(11,922)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	5	0.31	0.14	0.32
(17,923)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	5	0.31	0.14	0.32
(17,923)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	5	0.31	0.14	0.32
(17,923)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	5	0.31	0.14	0.32
(33,926)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	5	0.31	0.14	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,926)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	5	0.31	0.14	0.32
(33,926)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	5	0.31	0.14	0.32
(5,1238)	1:136:A:CYS:HA	1:140:A:LEU:HD11	5	0.31	0.19	0.18
(5,1238)	1:136:A:CYS:HA	1:140:A:LEU:HD12	5	0.31	0.19	0.18
(5,1238)	1:136:A:CYS:HA	1:140:A:LEU:HD13	5	0.31	0.19	0.18
(6,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD11	5	0.31	0.19	0.18
(6,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD12	5	0.31	0.19	0.18
(6,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD13	5	0.31	0.19	0.18
(9,1232)	1:136:A:CYS:HA	1:140:A:LEU:HD11	5	0.31	0.19	0.18
(9,1232)	1:136:A:CYS:HA	1:140:A:LEU:HD12	5	0.31	0.19	0.18
(9,1232)	1:136:A:CYS:HA	1:140:A:LEU:HD13	5	0.31	0.19	0.18
(33,1174)	1:136:A:CYS:HA	1:140:A:LEU:HD11	5	0.31	0.19	0.18
(33,1174)	1:136:A:CYS:HA	1:140:A:LEU:HD12	5	0.31	0.19	0.18
(33,1174)	1:136:A:CYS:HA	1:140:A:LEU:HD13	5	0.31	0.19	0.18
(4,111)	1:21:A:THR:HB	1:22:A:ASP:H	5	0.3	0.09	0.31
(7,111)	1:21:A:THR:HB	1:22:A:ASP:H	5	0.3	0.09	0.31
(13,110)	1:21:A:THR:HB	1:22:A:ASP:H	5	0.3	0.09	0.31
(16,111)	1:21:A:THR:HB	1:22:A:ASP:H	5	0.3	0.09	0.31
(18,114)	1:21:A:THR:HB	1:22:A:ASP:H	5	0.3	0.09	0.31
(34,115)	1:21:A:THR:HB	1:22:A:ASP:H	5	0.3	0.09	0.31
(11,110)	1:69:A:MET:H	1:73:A:ILE:HD11	5	0.3	0.12	0.24
(11,110)	1:69:A:MET:H	1:73:A:ILE:HD12	5	0.3	0.12	0.24
(11,110)	1:69:A:MET:H	1:73:A:ILE:HD13	5	0.3	0.12	0.24
(29,112)	1:69:A:MET:H	1:73:A:ILE:HD11	5	0.3	0.12	0.24
(29,112)	1:69:A:MET:H	1:73:A:ILE:HD12	5	0.3	0.12	0.24
(29,112)	1:69:A:MET:H	1:73:A:ILE:HD13	5	0.3	0.12	0.24
(34,1881)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	5	0.3	0.21	0.23
(34,1881)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	5	0.3	0.21	0.23
(34,1881)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	5	0.3	0.21	0.23
(34,1881)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	5	0.3	0.21	0.23
(34,1881)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	5	0.3	0.21	0.23
(34,1881)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	5	0.3	0.21	0.23
(2,13)	1:64:A:LYS:H	1:64:A:LYS:HD2	5	0.3	0.08	0.27
(2,13)	1:64:A:LYS:H	1:64:A:LYS:HD3	5	0.3	0.08	0.27
(2,357)	1:23:A:LEU:HB2	1:26:A:ASP:H	5	0.3	0.13	0.26
(2,357)	1:23:A:LEU:HB3	1:26:A:ASP:H	5	0.3	0.13	0.26
(3,362)	1:23:A:LEU:HB2	1:26:A:ASP:H	5	0.3	0.13	0.26
(3,362)	1:23:A:LEU:HB3	1:26:A:ASP:H	5	0.3	0.13	0.26
(7,357)	1:23:A:LEU:HB2	1:26:A:ASP:H	5	0.3	0.13	0.26
(7,357)	1:23:A:LEU:HB3	1:26:A:ASP:H	5	0.3	0.13	0.26
(9,370)	1:23:A:LEU:HB2	1:26:A:ASP:H	5	0.3	0.13	0.26
(9,370)	1:23:A:LEU:HB3	1:26:A:ASP:H	5	0.3	0.13	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,355)	1:23:A:LEU:HB2	1:26:A:ASP:H	5	0.3	0.13	0.26
(13,355)	1:23:A:LEU:HB3	1:26:A:ASP:H	5	0.3	0.13	0.26
(15,362)	1:23:A:LEU:HB2	1:26:A:ASP:H	5	0.3	0.13	0.26
(15,362)	1:23:A:LEU:HB3	1:26:A:ASP:H	5	0.3	0.13	0.26
(16,366)	1:23:A:LEU:HB2	1:26:A:ASP:H	5	0.3	0.13	0.26
(16,366)	1:23:A:LEU:HB3	1:26:A:ASP:H	5	0.3	0.13	0.26
(17,16)	1:64:A:LYS:H	1:64:A:LYS:HD2	5	0.3	0.08	0.27
(17,16)	1:64:A:LYS:H	1:64:A:LYS:HD3	5	0.3	0.08	0.27
(32,350)	1:23:A:LEU:HB2	1:26:A:ASP:H	5	0.3	0.13	0.26
(32,350)	1:23:A:LEU:HB3	1:26:A:ASP:H	5	0.3	0.13	0.26
(3,107)	1:22:A:ASP:H	1:25:A:ALA:HB1	5	0.3	0.13	0.33
(3,107)	1:22:A:ASP:H	1:25:A:ALA:HB2	5	0.3	0.13	0.33
(3,107)	1:22:A:ASP:H	1:25:A:ALA:HB3	5	0.3	0.13	0.33
(2,130)	1:13:A:ALA:HB1	1:80:A:TYR:H	5	0.29	0.03	0.29
(2,130)	1:13:A:ALA:HB2	1:80:A:TYR:H	5	0.29	0.03	0.29
(2,130)	1:13:A:ALA:HB3	1:80:A:TYR:H	5	0.29	0.03	0.29
(3,131)	1:13:A:ALA:HB1	1:80:A:TYR:H	5	0.29	0.03	0.29
(3,131)	1:13:A:ALA:HB2	1:80:A:TYR:H	5	0.29	0.03	0.29
(3,131)	1:13:A:ALA:HB3	1:80:A:TYR:H	5	0.29	0.03	0.29
(5,127)	1:13:A:ALA:HB1	1:80:A:TYR:H	5	0.29	0.03	0.29
(5,127)	1:13:A:ALA:HB2	1:80:A:TYR:H	5	0.29	0.03	0.29
(5,127)	1:13:A:ALA:HB3	1:80:A:TYR:H	5	0.29	0.03	0.29
(6,130)	1:13:A:ALA:HB1	1:80:A:TYR:H	5	0.29	0.03	0.29
(6,130)	1:13:A:ALA:HB2	1:80:A:TYR:H	5	0.29	0.03	0.29
(6,130)	1:13:A:ALA:HB3	1:80:A:TYR:H	5	0.29	0.03	0.29
(7,131)	1:13:A:ALA:HB1	1:80:A:TYR:H	5	0.29	0.03	0.29
(7,131)	1:13:A:ALA:HB2	1:80:A:TYR:H	5	0.29	0.03	0.29
(7,131)	1:13:A:ALA:HB3	1:80:A:TYR:H	5	0.29	0.03	0.29
(9,131)	1:13:A:ALA:HB1	1:80:A:TYR:H	5	0.29	0.03	0.29
(9,131)	1:13:A:ALA:HB2	1:80:A:TYR:H	5	0.29	0.03	0.29
(9,131)	1:13:A:ALA:HB3	1:80:A:TYR:H	5	0.29	0.03	0.29
(11,133)	1:13:A:ALA:HB1	1:80:A:TYR:H	5	0.29	0.03	0.29
(11,133)	1:13:A:ALA:HB2	1:80:A:TYR:H	5	0.29	0.03	0.29
(11,133)	1:13:A:ALA:HB3	1:80:A:TYR:H	5	0.29	0.03	0.29
(13,130)	1:13:A:ALA:HB1	1:80:A:TYR:H	5	0.29	0.03	0.29
(13,130)	1:13:A:ALA:HB2	1:80:A:TYR:H	5	0.29	0.03	0.29
(13,130)	1:13:A:ALA:HB3	1:80:A:TYR:H	5	0.29	0.03	0.29
(15,139)	1:13:A:ALA:HB1	1:80:A:TYR:H	5	0.29	0.03	0.29
(15,139)	1:13:A:ALA:HB2	1:80:A:TYR:H	5	0.29	0.03	0.29
(15,139)	1:13:A:ALA:HB3	1:80:A:TYR:H	5	0.29	0.03	0.29
(17,132)	1:13:A:ALA:HB1	1:80:A:TYR:H	5	0.29	0.03	0.29
(17,132)	1:13:A:ALA:HB2	1:80:A:TYR:H	5	0.29	0.03	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,132)	1:13:A:ALA:HB3	1:80:A:TYR:H	5	0.29	0.03	0.29
(23,11)	1:107:A:LEU:N	1:103:A:ARG:O	5	0.29	0.1	0.31
(30,133)	1:13:A:ALA:HB1	1:80:A:TYR:H	5	0.29	0.03	0.29
(30,133)	1:13:A:ALA:HB2	1:80:A:TYR:H	5	0.29	0.03	0.29
(30,133)	1:13:A:ALA:HB3	1:80:A:TYR:H	5	0.29	0.03	0.29
(32,128)	1:13:A:ALA:HB1	1:80:A:TYR:H	5	0.29	0.03	0.29
(32,128)	1:13:A:ALA:HB2	1:80:A:TYR:H	5	0.29	0.03	0.29
(32,128)	1:13:A:ALA:HB3	1:80:A:TYR:H	5	0.29	0.03	0.29
(33,129)	1:13:A:ALA:HB1	1:80:A:TYR:H	5	0.29	0.03	0.29
(33,129)	1:13:A:ALA:HB2	1:80:A:TYR:H	5	0.29	0.03	0.29
(33,129)	1:13:A:ALA:HB3	1:80:A:TYR:H	5	0.29	0.03	0.29
(34,136)	1:13:A:ALA:HB1	1:80:A:TYR:H	5	0.29	0.03	0.29
(34,136)	1:13:A:ALA:HB2	1:80:A:TYR:H	5	0.29	0.03	0.29
(34,136)	1:13:A:ALA:HB3	1:80:A:TYR:H	5	0.29	0.03	0.29
(9,2273)	1:107:A:LEU:HD11	1:112:A:GLN:HA	5	0.29	0.17	0.18
(9,2273)	1:107:A:LEU:HD12	1:112:A:GLN:HA	5	0.29	0.17	0.18
(9,2273)	1:107:A:LEU:HD13	1:112:A:GLN:HA	5	0.29	0.17	0.18
(9,2273)	1:107:A:LEU:HD21	1:112:A:GLN:HA	5	0.29	0.17	0.18
(9,2273)	1:107:A:LEU:HD22	1:112:A:GLN:HA	5	0.29	0.17	0.18
(9,2273)	1:107:A:LEU:HD23	1:112:A:GLN:HA	5	0.29	0.17	0.18
(33,1115)	1:105:A:LYS:HA	1:105:A:LYS:HG3	5	0.29	0.04	0.31
(32,1085)	1:66:A:THR:HG21	1:105:A:LYS:HA	5	0.29	0.21	0.19
(32,1085)	1:66:A:THR:HG22	1:105:A:LYS:HA	5	0.29	0.21	0.19
(32,1085)	1:66:A:THR:HG23	1:105:A:LYS:HA	5	0.29	0.21	0.19
(2,2251)	1:65:A:CYS:HB2	1:70:A:LYS:HA	5	0.29	0.11	0.32
(2,2251)	1:65:A:CYS:HB3	1:70:A:LYS:HA	5	0.29	0.11	0.32
(5,2226)	1:65:A:CYS:HB2	1:70:A:LYS:HA	5	0.29	0.11	0.32
(5,2226)	1:65:A:CYS:HB3	1:70:A:LYS:HA	5	0.29	0.11	0.32
(17,2240)	1:65:A:CYS:HB2	1:70:A:LYS:HA	5	0.29	0.11	0.32
(17,2240)	1:65:A:CYS:HB3	1:70:A:LYS:HA	5	0.29	0.11	0.32
(30,2232)	1:65:A:CYS:HB2	1:70:A:LYS:HA	5	0.29	0.11	0.32
(30,2232)	1:65:A:CYS:HB3	1:70:A:LYS:HA	5	0.29	0.11	0.32
(32,2226)	1:65:A:CYS:HB2	1:70:A:LYS:HA	5	0.29	0.11	0.32
(32,2226)	1:65:A:CYS:HB3	1:70:A:LYS:HA	5	0.29	0.11	0.32
(33,2232)	1:65:A:CYS:HB2	1:70:A:LYS:HA	5	0.29	0.11	0.32
(33,2232)	1:65:A:CYS:HB3	1:70:A:LYS:HA	5	0.29	0.11	0.32
(34,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HA	5	0.29	0.11	0.32
(34,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HA	5	0.29	0.11	0.32
(5,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE1	5	0.28	0.08	0.32
(5,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE2	5	0.28	0.08	0.32
(5,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE3	5	0.28	0.08	0.32
(5,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE1	5	0.28	0.08	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE2	5	0.28	0.08	0.32
(5,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE3	5	0.28	0.08	0.32
(5,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE1	5	0.28	0.08	0.32
(5,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE2	5	0.28	0.08	0.32
(5,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE3	5	0.28	0.08	0.32
(6,1532)	1:63:A:ILE:HG21	1:69:A:MET:HE1	5	0.28	0.08	0.32
(6,1532)	1:63:A:ILE:HG21	1:69:A:MET:HE2	5	0.28	0.08	0.32
(6,1532)	1:63:A:ILE:HG21	1:69:A:MET:HE3	5	0.28	0.08	0.32
(6,1532)	1:63:A:ILE:HG22	1:69:A:MET:HE1	5	0.28	0.08	0.32
(6,1532)	1:63:A:ILE:HG22	1:69:A:MET:HE2	5	0.28	0.08	0.32
(6,1532)	1:63:A:ILE:HG22	1:69:A:MET:HE3	5	0.28	0.08	0.32
(6,1532)	1:63:A:ILE:HG23	1:69:A:MET:HE1	5	0.28	0.08	0.32
(6,1532)	1:63:A:ILE:HG23	1:69:A:MET:HE2	5	0.28	0.08	0.32
(6,1532)	1:63:A:ILE:HG23	1:69:A:MET:HE3	5	0.28	0.08	0.32
(7,1517)	1:63:A:ILE:HG21	1:69:A:MET:HE1	5	0.28	0.08	0.32
(7,1517)	1:63:A:ILE:HG21	1:69:A:MET:HE2	5	0.28	0.08	0.32
(7,1517)	1:63:A:ILE:HG21	1:69:A:MET:HE3	5	0.28	0.08	0.32
(7,1517)	1:63:A:ILE:HG22	1:69:A:MET:HE1	5	0.28	0.08	0.32
(7,1517)	1:63:A:ILE:HG22	1:69:A:MET:HE2	5	0.28	0.08	0.32
(7,1517)	1:63:A:ILE:HG22	1:69:A:MET:HE3	5	0.28	0.08	0.32
(7,1517)	1:63:A:ILE:HG23	1:69:A:MET:HE1	5	0.28	0.08	0.32
(7,1517)	1:63:A:ILE:HG23	1:69:A:MET:HE2	5	0.28	0.08	0.32
(7,1517)	1:63:A:ILE:HG23	1:69:A:MET:HE3	5	0.28	0.08	0.32
(15,1525)	1:63:A:ILE:HG21	1:69:A:MET:HE1	5	0.28	0.08	0.32
(15,1525)	1:63:A:ILE:HG21	1:69:A:MET:HE2	5	0.28	0.08	0.32
(15,1525)	1:63:A:ILE:HG21	1:69:A:MET:HE3	5	0.28	0.08	0.32
(15,1525)	1:63:A:ILE:HG22	1:69:A:MET:HE1	5	0.28	0.08	0.32
(15,1525)	1:63:A:ILE:HG22	1:69:A:MET:HE2	5	0.28	0.08	0.32
(15,1525)	1:63:A:ILE:HG22	1:69:A:MET:HE3	5	0.28	0.08	0.32
(15,1525)	1:63:A:ILE:HG23	1:69:A:MET:HE1	5	0.28	0.08	0.32
(15,1525)	1:63:A:ILE:HG23	1:69:A:MET:HE2	5	0.28	0.08	0.32
(15,1525)	1:63:A:ILE:HG23	1:69:A:MET:HE3	5	0.28	0.08	0.32
(18,1925)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	5	0.28	0.18	0.21
(18,1925)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	5	0.28	0.18	0.21
(34,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE1	5	0.28	0.08	0.32
(34,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE2	5	0.28	0.08	0.32
(34,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE3	5	0.28	0.08	0.32
(34,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE1	5	0.28	0.08	0.32
(34,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE2	5	0.28	0.08	0.32
(34,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE3	5	0.28	0.08	0.32
(34,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE1	5	0.28	0.08	0.32
(34,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE2	5	0.28	0.08	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE3	5	0.28	0.08	0.32
(18,1732)	1:36:A:PRO:HA	1:37:A:LEU:HD21	5	0.28	0.2	0.13
(18,1732)	1:36:A:PRO:HA	1:37:A:LEU:HD22	5	0.28	0.2	0.13
(18,1732)	1:36:A:PRO:HA	1:37:A:LEU:HD23	5	0.28	0.2	0.13
(32,2470)	1:140:A:LEU:HD11	1:144:A:LEU:H	5	0.28	0.14	0.28
(32,2470)	1:140:A:LEU:HD12	1:144:A:LEU:H	5	0.28	0.14	0.28
(32,2470)	1:140:A:LEU:HD13	1:144:A:LEU:H	5	0.28	0.14	0.28
(32,2470)	1:140:A:LEU:HD21	1:144:A:LEU:H	5	0.28	0.14	0.28
(32,2470)	1:140:A:LEU:HD22	1:144:A:LEU:H	5	0.28	0.14	0.28
(32,2470)	1:140:A:LEU:HD23	1:144:A:LEU:H	5	0.28	0.14	0.28
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	5	0.28	0.15	0.18
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	5	0.28	0.15	0.18
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	5	0.28	0.15	0.18
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	5	0.28	0.15	0.18
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	5	0.28	0.15	0.18
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	5	0.28	0.15	0.18
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	5	0.28	0.15	0.18
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	5	0.28	0.15	0.18
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	5	0.28	0.15	0.18
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	5	0.28	0.15	0.18
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	5	0.28	0.15	0.18
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	5	0.28	0.15	0.18
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	5	0.28	0.15	0.18
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	5	0.28	0.15	0.18
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	5	0.28	0.15	0.18
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	5	0.28	0.15	0.18
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	5	0.28	0.15	0.18
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	5	0.28	0.15	0.18
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	5	0.28	0.15	0.18
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	5	0.28	0.15	0.18
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	5	0.28	0.15	0.18
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	5	0.28	0.15	0.18
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	5	0.28	0.15	0.18
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	5	0.28	0.15	0.18
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	5	0.28	0.15	0.18
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	5	0.28	0.15	0.18
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	5	0.28	0.15	0.18
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	5	0.28	0.15	0.18
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	5	0.28	0.15	0.18
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	5	0.28	0.15	0.18
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	5	0.28	0.15	0.18
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	5	0.28	0.15	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	5	0.28	0.15	0.18
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	5	0.28	0.15	0.18
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	5	0.28	0.15	0.18
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	5	0.28	0.15	0.18
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	5	0.28	0.15	0.18
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	5	0.28	0.15	0.18
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	5	0.28	0.15	0.18
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	5	0.28	0.15	0.18
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	5	0.28	0.15	0.18
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	5	0.28	0.15	0.18
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	5	0.28	0.15	0.18
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	5	0.28	0.15	0.18
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	5	0.28	0.15	0.18
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	5	0.28	0.15	0.18
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	5	0.28	0.15	0.18
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	5	0.28	0.15	0.18
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	5	0.28	0.15	0.18
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	5	0.28	0.15	0.18
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	5	0.28	0.15	0.18
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	5	0.28	0.15	0.18
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	5	0.28	0.15	0.18
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	5	0.28	0.15	0.18
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	5	0.28	0.15	0.18
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	5	0.28	0.15	0.18
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	5	0.28	0.15	0.18
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	5	0.28	0.15	0.18
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	5	0.28	0.15	0.18
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	5	0.28	0.15	0.18
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	5	0.28	0.15	0.18
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	5	0.28	0.15	0.18
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	5	0.28	0.15	0.18
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	5	0.28	0.15	0.18
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	5	0.28	0.15	0.18
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	5	0.28	0.15	0.18
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	5	0.28	0.15	0.18
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	5	0.28	0.15	0.18
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	5	0.28	0.15	0.18
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	5	0.28	0.15	0.18
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	5	0.28	0.15	0.18
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	5	0.28	0.15	0.18
(2,122)	1:48:A:ARG:HD2	1:49:A:LYS:H	5	0.28	0.12	0.22
(2,122)	1:48:A:ARG:HD3	1:49:A:LYS:H	5	0.28	0.12	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,127)	1:48:A:ARG:HD2	1:49:A:LYS:H	5	0.28	0.12	0.22
(18,127)	1:48:A:ARG:HD3	1:49:A:LYS:H	5	0.28	0.12	0.22
(34,127)	1:48:A:ARG:HD2	1:49:A:LYS:H	5	0.28	0.12	0.22
(34,127)	1:48:A:ARG:HD3	1:49:A:LYS:H	5	0.28	0.12	0.22
(11,52)	1:47:A:ALA:H	1:48:A:ARG:HB2	5	0.27	0.1	0.29
(11,52)	1:47:A:ALA:H	1:48:A:ARG:HB3	5	0.27	0.1	0.29
(32,46)	1:47:A:ALA:H	1:48:A:ARG:HB2	5	0.27	0.1	0.29
(32,46)	1:47:A:ALA:H	1:48:A:ARG:HB3	5	0.27	0.1	0.29
(11,1427)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	5	0.27	0.09	0.29
(11,1427)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	5	0.27	0.09	0.29
(11,1427)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	5	0.27	0.09	0.29
(16,1124)	1:129:A:LYS:HA	1:132:A:ALA:HB1	5	0.27	0.11	0.22
(16,1124)	1:129:A:LYS:HA	1:132:A:ALA:HB2	5	0.27	0.11	0.22
(16,1124)	1:129:A:LYS:HA	1:132:A:ALA:HB3	5	0.27	0.11	0.22
(29,1125)	1:129:A:LYS:HA	1:132:A:ALA:HB1	5	0.27	0.11	0.22
(29,1125)	1:129:A:LYS:HA	1:132:A:ALA:HB2	5	0.27	0.11	0.22
(29,1125)	1:129:A:LYS:HA	1:132:A:ALA:HB3	5	0.27	0.11	0.22
(32,1079)	1:129:A:LYS:HA	1:132:A:ALA:HB1	5	0.27	0.11	0.22
(32,1079)	1:129:A:LYS:HA	1:132:A:ALA:HB2	5	0.27	0.11	0.22
(32,1079)	1:129:A:LYS:HA	1:132:A:ALA:HB3	5	0.27	0.11	0.22
(4,1025)	1:20:A:THR:HG21	1:21:A:THR:HA	5	0.27	0.17	0.18
(4,1025)	1:20:A:THR:HG22	1:21:A:THR:HA	5	0.27	0.17	0.18
(4,1025)	1:20:A:THR:HG23	1:21:A:THR:HA	5	0.27	0.17	0.18
(33,1042)	1:20:A:THR:HG21	1:21:A:THR:HA	5	0.27	0.17	0.18
(33,1042)	1:20:A:THR:HG22	1:21:A:THR:HA	5	0.27	0.17	0.18
(33,1042)	1:20:A:THR:HG23	1:21:A:THR:HA	5	0.27	0.17	0.18
(1,1424)	1:73:A:ILE:HG21	1:113:A:PHE:HB3	5	0.27	0.2	0.18
(1,1424)	1:73:A:ILE:HG22	1:113:A:PHE:HB3	5	0.27	0.2	0.18
(1,1424)	1:73:A:ILE:HG23	1:113:A:PHE:HB3	5	0.27	0.2	0.18
(6,1770)	1:66:A:THR:HG21	1:97:A:ASP:HA	5	0.27	0.18	0.13
(6,1770)	1:66:A:THR:HG22	1:97:A:ASP:HA	5	0.27	0.18	0.13
(6,1770)	1:66:A:THR:HG23	1:97:A:ASP:HA	5	0.27	0.18	0.13
(9,1758)	1:66:A:THR:HG21	1:97:A:ASP:HA	5	0.27	0.18	0.13
(9,1758)	1:66:A:THR:HG22	1:97:A:ASP:HA	5	0.27	0.18	0.13
(9,1758)	1:66:A:THR:HG23	1:97:A:ASP:HA	5	0.27	0.18	0.13
(17,1780)	1:66:A:THR:HG21	1:97:A:ASP:HA	5	0.27	0.18	0.13
(17,1780)	1:66:A:THR:HG22	1:97:A:ASP:HA	5	0.27	0.18	0.13
(17,1780)	1:66:A:THR:HG23	1:97:A:ASP:HA	5	0.27	0.18	0.13
(18,1748)	1:66:A:THR:HG21	1:97:A:ASP:HA	5	0.27	0.18	0.13
(18,1748)	1:66:A:THR:HG22	1:97:A:ASP:HA	5	0.27	0.18	0.13
(18,1748)	1:66:A:THR:HG23	1:97:A:ASP:HA	5	0.27	0.18	0.13
(29,1427)	1:73:A:ILE:HG21	1:113:A:PHE:HB3	5	0.27	0.2	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,1427)	1:73:A:ILE:HG22	1:113:A:PHE:HB3	5	0.27	0.2	0.18
(29,1427)	1:73:A:ILE:HG23	1:113:A:PHE:HB3	5	0.27	0.2	0.18
(5,890)	1:73:A:ILE:HB	1:76:A:ARG:HA	5	0.27	0.14	0.22
(17,1944)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	5	0.27	0.09	0.32
(17,1944)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	5	0.27	0.09	0.32
(17,1944)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	5	0.27	0.09	0.32
(17,1944)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	5	0.27	0.09	0.32
(17,1944)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	5	0.27	0.09	0.32
(17,1944)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	5	0.27	0.09	0.32
(34,1934)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	5	0.27	0.09	0.32
(34,1934)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	5	0.27	0.09	0.32
(34,1934)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	5	0.27	0.09	0.32
(34,1934)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	5	0.27	0.09	0.32
(34,1934)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	5	0.27	0.09	0.32
(34,1934)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	5	0.27	0.09	0.32
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG11	5	0.27	0.17	0.14
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG12	5	0.27	0.17	0.14
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG13	5	0.27	0.17	0.14
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG21	5	0.27	0.17	0.14
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG22	5	0.27	0.17	0.14
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG23	5	0.27	0.17	0.14
(13,1378)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	5	0.26	0.1	0.27
(13,1378)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	5	0.26	0.1	0.27
(13,1378)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	5	0.26	0.1	0.27
(13,1378)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	5	0.26	0.1	0.27
(13,1378)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	5	0.26	0.1	0.27
(13,1378)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	5	0.26	0.1	0.27
(13,1378)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	5	0.26	0.1	0.27
(13,1378)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	5	0.26	0.1	0.27
(13,1378)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	5	0.26	0.1	0.27
(1,47)	1:98:A:ILE:H	1:105:A:LYS:HA	5	0.26	0.04	0.26
(3,45)	1:98:A:ILE:H	1:105:A:LYS:HA	5	0.26	0.04	0.26
(9,43)	1:98:A:ILE:H	1:105:A:LYS:HA	5	0.26	0.04	0.26
(17,42)	1:98:A:ILE:H	1:105:A:LYS:HA	5	0.26	0.04	0.26
(18,45)	1:98:A:ILE:H	1:105:A:LYS:HA	5	0.26	0.04	0.26
(33,45)	1:98:A:ILE:H	1:105:A:LYS:HA	5	0.26	0.04	0.26
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD11	5	0.26	0.07	0.3
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD12	5	0.26	0.07	0.3
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD13	5	0.26	0.07	0.3
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD21	5	0.26	0.07	0.3
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD22	5	0.26	0.07	0.3
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD23	5	0.26	0.07	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,762)	1:69:A:MET:HG3	1:73:A:ILE:HD11	5	0.26	0.11	0.25
(4,762)	1:69:A:MET:HG3	1:73:A:ILE:HD12	5	0.26	0.11	0.25
(4,762)	1:69:A:MET:HG3	1:73:A:ILE:HD13	5	0.26	0.11	0.25
(5,554)	1:116:A:GLN:H	1:116:A:GLN:HE22	5	0.26	0.12	0.2
(16,565)	1:116:A:GLN:H	1:116:A:GLN:HE22	5	0.26	0.12	0.2
(16,1196)	1:40:A:LEU:H	1:40:A:LEU:HD21	5	0.26	0.11	0.23
(16,1196)	1:40:A:LEU:H	1:40:A:LEU:HD22	5	0.26	0.11	0.23
(16,1196)	1:40:A:LEU:H	1:40:A:LEU:HD23	5	0.26	0.11	0.23
(13,737)	1:147:A:ARG:HA	1:147:A:ARG:HE	5	0.25	0.08	0.26
(16,1980)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	5	0.25	0.11	0.29
(16,1980)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	5	0.25	0.11	0.29
(16,1980)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	5	0.25	0.11	0.29
(16,1980)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	5	0.25	0.11	0.29
(16,1980)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	5	0.25	0.11	0.29
(16,1980)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	5	0.25	0.11	0.29
(16,1980)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	5	0.25	0.11	0.29
(16,1980)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	5	0.25	0.11	0.29
(16,1980)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	5	0.25	0.11	0.29
(16,1980)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	5	0.25	0.11	0.29
(16,1980)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	5	0.25	0.11	0.29
(16,1980)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	5	0.25	0.11	0.29
(16,1980)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	5	0.25	0.11	0.29
(16,1980)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	5	0.25	0.11	0.29
(16,1980)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	5	0.25	0.11	0.29
(16,1980)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	5	0.25	0.11	0.29
(16,1980)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	5	0.25	0.11	0.29
(16,1980)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	5	0.25	0.11	0.29
(16,160)	1:50:A:ALA:HB1	1:127:A:CYS:H	5	0.25	0.13	0.16
(16,160)	1:50:A:ALA:HB2	1:127:A:CYS:H	5	0.25	0.13	0.16
(16,160)	1:50:A:ALA:HB3	1:127:A:CYS:H	5	0.25	0.13	0.16
(3,1761)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	5	0.25	0.07	0.26
(3,1761)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	5	0.25	0.07	0.26
(3,1761)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	5	0.25	0.07	0.26
(4,1706)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	5	0.25	0.07	0.26
(4,1706)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	5	0.25	0.07	0.26
(4,1706)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	5	0.25	0.07	0.26
(16,1722)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	5	0.25	0.07	0.26
(16,1722)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	5	0.25	0.07	0.26
(16,1722)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	5	0.25	0.07	0.26
(29,1748)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	5	0.25	0.07	0.26
(29,1748)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	5	0.25	0.07	0.26
(29,1748)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	5	0.25	0.07	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1816)	1:104:A:PHE:HE1	1:105:A:LYS:HA	5	0.25	0.13	0.21
(1,1816)	1:104:A:PHE:HE2	1:105:A:LYS:HA	5	0.25	0.13	0.21
(3,1833)	1:104:A:PHE:HE1	1:105:A:LYS:HA	5	0.25	0.13	0.21
(3,1833)	1:104:A:PHE:HE2	1:105:A:LYS:HA	5	0.25	0.13	0.21
(5,1831)	1:104:A:PHE:HE1	1:105:A:LYS:HA	5	0.25	0.13	0.21
(5,1831)	1:104:A:PHE:HE2	1:105:A:LYS:HA	5	0.25	0.13	0.21
(6,1809)	1:104:A:PHE:HE1	1:105:A:LYS:HA	5	0.25	0.13	0.21
(6,1809)	1:104:A:PHE:HE2	1:105:A:LYS:HA	5	0.25	0.13	0.21
(9,1798)	1:104:A:PHE:HE1	1:105:A:LYS:HA	5	0.25	0.13	0.21
(9,1798)	1:104:A:PHE:HE2	1:105:A:LYS:HA	5	0.25	0.13	0.21
(11,1835)	1:104:A:PHE:HE1	1:105:A:LYS:HA	5	0.25	0.13	0.21
(11,1835)	1:104:A:PHE:HE2	1:105:A:LYS:HA	5	0.25	0.13	0.21
(13,1768)	1:104:A:PHE:HE1	1:105:A:LYS:HA	5	0.25	0.13	0.21
(13,1768)	1:104:A:PHE:HE2	1:105:A:LYS:HA	5	0.25	0.13	0.21
(15,1791)	1:104:A:PHE:HE1	1:105:A:LYS:HA	5	0.25	0.13	0.21
(15,1791)	1:104:A:PHE:HE2	1:105:A:LYS:HA	5	0.25	0.13	0.21
(17,1819)	1:104:A:PHE:HE1	1:105:A:LYS:HA	5	0.25	0.13	0.21
(17,1819)	1:104:A:PHE:HE2	1:105:A:LYS:HA	5	0.25	0.13	0.21
(18,1789)	1:104:A:PHE:HE1	1:105:A:LYS:HA	5	0.25	0.13	0.21
(18,1789)	1:104:A:PHE:HE2	1:105:A:LYS:HA	5	0.25	0.13	0.21
(29,1826)	1:104:A:PHE:HE1	1:105:A:LYS:HA	5	0.25	0.13	0.21
(29,1826)	1:104:A:PHE:HE2	1:105:A:LYS:HA	5	0.25	0.13	0.21
(32,1768)	1:104:A:PHE:HE1	1:105:A:LYS:HA	5	0.25	0.13	0.21
(32,1768)	1:104:A:PHE:HE2	1:105:A:LYS:HA	5	0.25	0.13	0.21
(33,1802)	1:104:A:PHE:HE1	1:105:A:LYS:HA	5	0.25	0.13	0.21
(33,1802)	1:104:A:PHE:HE2	1:105:A:LYS:HA	5	0.25	0.13	0.21
(34,1817)	1:104:A:PHE:HE1	1:105:A:LYS:HA	5	0.25	0.13	0.21
(34,1817)	1:104:A:PHE:HE2	1:105:A:LYS:HA	5	0.25	0.13	0.21
(1,2255)	1:81:A:GLU:H	1:81:A:GLU:HB2	5	0.24	0.1	0.24
(1,2255)	1:81:A:GLU:H	1:81:A:GLU:HB3	5	0.24	0.1	0.24
(6,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB1	5	0.24	0.07	0.22
(6,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB2	5	0.24	0.07	0.22
(6,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB3	5	0.24	0.07	0.22
(11,1468)	1:47:A:ALA:HA	1:50:A:ALA:HB1	5	0.24	0.07	0.22
(11,1468)	1:47:A:ALA:HA	1:50:A:ALA:HB2	5	0.24	0.07	0.22
(11,1468)	1:47:A:ALA:HA	1:50:A:ALA:HB3	5	0.24	0.07	0.22
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD11	5	0.24	0.14	0.16
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD12	5	0.24	0.14	0.16
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD13	5	0.24	0.14	0.16
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD21	5	0.24	0.14	0.16
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD22	5	0.24	0.14	0.16
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD23	5	0.24	0.14	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD11	5	0.24	0.14	0.16
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD12	5	0.24	0.14	0.16
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD13	5	0.24	0.14	0.16
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD21	5	0.24	0.14	0.16
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD22	5	0.24	0.14	0.16
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD23	5	0.24	0.14	0.16
(33,1446)	1:47:A:ALA:HA	1:50:A:ALA:HB1	5	0.24	0.07	0.22
(33,1446)	1:47:A:ALA:HA	1:50:A:ALA:HB2	5	0.24	0.07	0.22
(33,1446)	1:47:A:ALA:HA	1:50:A:ALA:HB3	5	0.24	0.07	0.22
(34,1463)	1:47:A:ALA:HA	1:50:A:ALA:HB1	5	0.24	0.07	0.22
(34,1463)	1:47:A:ALA:HA	1:50:A:ALA:HB2	5	0.24	0.07	0.22
(34,1463)	1:47:A:ALA:HA	1:50:A:ALA:HB3	5	0.24	0.07	0.22
(1,1500)	1:114:A:ILE:HG21	1:117:A:VAL:H	5	0.24	0.07	0.27
(1,1500)	1:114:A:ILE:HG22	1:117:A:VAL:H	5	0.24	0.07	0.27
(1,1500)	1:114:A:ILE:HG23	1:117:A:VAL:H	5	0.24	0.07	0.27
(2,1495)	1:114:A:ILE:HG21	1:117:A:VAL:H	5	0.24	0.07	0.27
(2,1495)	1:114:A:ILE:HG22	1:117:A:VAL:H	5	0.24	0.07	0.27
(2,1495)	1:114:A:ILE:HG23	1:117:A:VAL:H	5	0.24	0.07	0.27
(4,582)	1:75:A:GLY:H	1:76:A:ARG:HG2	5	0.24	0.12	0.21
(4,582)	1:75:A:GLY:H	1:76:A:ARG:HG3	5	0.24	0.12	0.21
(4,1472)	1:114:A:ILE:HG21	1:117:A:VAL:H	5	0.24	0.07	0.27
(4,1472)	1:114:A:ILE:HG22	1:117:A:VAL:H	5	0.24	0.07	0.27
(4,1472)	1:114:A:ILE:HG23	1:117:A:VAL:H	5	0.24	0.07	0.27
(5,1509)	1:114:A:ILE:HG21	1:117:A:VAL:H	5	0.24	0.07	0.27
(5,1509)	1:114:A:ILE:HG22	1:117:A:VAL:H	5	0.24	0.07	0.27
(5,1509)	1:114:A:ILE:HG23	1:117:A:VAL:H	5	0.24	0.07	0.27
(7,1471)	1:114:A:ILE:HG21	1:117:A:VAL:H	5	0.24	0.07	0.27
(7,1471)	1:114:A:ILE:HG22	1:117:A:VAL:H	5	0.24	0.07	0.27
(7,1471)	1:114:A:ILE:HG23	1:117:A:VAL:H	5	0.24	0.07	0.27
(9,1486)	1:114:A:ILE:HG21	1:117:A:VAL:H	5	0.24	0.07	0.27
(9,1486)	1:114:A:ILE:HG22	1:117:A:VAL:H	5	0.24	0.07	0.27
(9,1486)	1:114:A:ILE:HG23	1:117:A:VAL:H	5	0.24	0.07	0.27
(15,596)	1:75:A:GLY:H	1:76:A:ARG:HG2	5	0.24	0.12	0.21
(15,596)	1:75:A:GLY:H	1:76:A:ARG:HG3	5	0.24	0.12	0.21
(15,1484)	1:114:A:ILE:HG21	1:117:A:VAL:H	5	0.24	0.07	0.27
(15,1484)	1:114:A:ILE:HG22	1:117:A:VAL:H	5	0.24	0.07	0.27
(15,1484)	1:114:A:ILE:HG23	1:117:A:VAL:H	5	0.24	0.07	0.27
(30,1490)	1:114:A:ILE:HG21	1:117:A:VAL:H	5	0.24	0.07	0.27
(30,1490)	1:114:A:ILE:HG22	1:117:A:VAL:H	5	0.24	0.07	0.27
(30,1490)	1:114:A:ILE:HG23	1:117:A:VAL:H	5	0.24	0.07	0.27
(1,117)	1:69:A:MET:H	1:73:A:ILE:HD11	5	0.24	0.12	0.18
(1,117)	1:69:A:MET:H	1:73:A:ILE:HD12	5	0.24	0.12	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,117)	1:69:A:MET:H	1:73:A:ILE:HD13	5	0.24	0.12	0.18
(4,108)	1:69:A:MET:H	1:73:A:ILE:HD11	5	0.24	0.12	0.18
(4,108)	1:69:A:MET:H	1:73:A:ILE:HD12	5	0.24	0.12	0.18
(4,108)	1:69:A:MET:H	1:73:A:ILE:HD13	5	0.24	0.12	0.18
(5,104)	1:69:A:MET:H	1:73:A:ILE:HD11	5	0.24	0.12	0.18
(5,104)	1:69:A:MET:H	1:73:A:ILE:HD12	5	0.24	0.12	0.18
(5,104)	1:69:A:MET:H	1:73:A:ILE:HD13	5	0.24	0.12	0.18
(6,108)	1:69:A:MET:H	1:73:A:ILE:HD11	5	0.24	0.12	0.18
(6,108)	1:69:A:MET:H	1:73:A:ILE:HD12	5	0.24	0.12	0.18
(6,108)	1:69:A:MET:H	1:73:A:ILE:HD13	5	0.24	0.12	0.18
(7,108)	1:69:A:MET:H	1:73:A:ILE:HD11	5	0.24	0.12	0.18
(7,108)	1:69:A:MET:H	1:73:A:ILE:HD12	5	0.24	0.12	0.18
(7,108)	1:69:A:MET:H	1:73:A:ILE:HD13	5	0.24	0.12	0.18
(9,108)	1:69:A:MET:H	1:73:A:ILE:HD11	5	0.24	0.12	0.18
(9,108)	1:69:A:MET:H	1:73:A:ILE:HD12	5	0.24	0.12	0.18
(9,108)	1:69:A:MET:H	1:73:A:ILE:HD13	5	0.24	0.12	0.18
(13,107)	1:69:A:MET:H	1:73:A:ILE:HD11	5	0.24	0.12	0.18
(13,107)	1:69:A:MET:H	1:73:A:ILE:HD12	5	0.24	0.12	0.18
(13,107)	1:69:A:MET:H	1:73:A:ILE:HD13	5	0.24	0.12	0.18
(15,114)	1:69:A:MET:H	1:73:A:ILE:HD11	5	0.24	0.12	0.18
(15,114)	1:69:A:MET:H	1:73:A:ILE:HD12	5	0.24	0.12	0.18
(15,114)	1:69:A:MET:H	1:73:A:ILE:HD13	5	0.24	0.12	0.18
(16,108)	1:69:A:MET:H	1:73:A:ILE:HD11	5	0.24	0.12	0.18
(16,108)	1:69:A:MET:H	1:73:A:ILE:HD12	5	0.24	0.12	0.18
(16,108)	1:69:A:MET:H	1:73:A:ILE:HD13	5	0.24	0.12	0.18
(17,108)	1:69:A:MET:H	1:73:A:ILE:HD11	5	0.24	0.12	0.18
(17,108)	1:69:A:MET:H	1:73:A:ILE:HD12	5	0.24	0.12	0.18
(17,108)	1:69:A:MET:H	1:73:A:ILE:HD13	5	0.24	0.12	0.18
(30,110)	1:69:A:MET:H	1:73:A:ILE:HD11	5	0.24	0.12	0.18
(30,110)	1:69:A:MET:H	1:73:A:ILE:HD12	5	0.24	0.12	0.18
(30,110)	1:69:A:MET:H	1:73:A:ILE:HD13	5	0.24	0.12	0.18
(32,105)	1:69:A:MET:H	1:73:A:ILE:HD11	5	0.24	0.12	0.18
(32,105)	1:69:A:MET:H	1:73:A:ILE:HD12	5	0.24	0.12	0.18
(32,105)	1:69:A:MET:H	1:73:A:ILE:HD13	5	0.24	0.12	0.18
(34,112)	1:69:A:MET:H	1:73:A:ILE:HD11	5	0.24	0.12	0.18
(34,112)	1:69:A:MET:H	1:73:A:ILE:HD12	5	0.24	0.12	0.18
(34,112)	1:69:A:MET:H	1:73:A:ILE:HD13	5	0.24	0.12	0.18
(30,2458)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	5	0.24	0.04	0.24
(30,2458)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	5	0.24	0.04	0.24
(30,2458)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	5	0.24	0.04	0.24
(30,2458)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	5	0.24	0.04	0.24
(30,2458)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	5	0.24	0.04	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,2458)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	5	0.24	0.04	0.24
(30,2458)	1:140:A:LEU:HD11	1:144:A:LEU:HB3	5	0.24	0.04	0.24
(30,2458)	1:140:A:LEU:HD12	1:144:A:LEU:HB3	5	0.24	0.04	0.24
(30,2458)	1:140:A:LEU:HD13	1:144:A:LEU:HB3	5	0.24	0.04	0.24
(30,2458)	1:140:A:LEU:HD21	1:144:A:LEU:HB3	5	0.24	0.04	0.24
(30,2458)	1:140:A:LEU:HD22	1:144:A:LEU:HB3	5	0.24	0.04	0.24
(30,2458)	1:140:A:LEU:HD23	1:144:A:LEU:HB3	5	0.24	0.04	0.24
(16,816)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	5	0.24	0.13	0.17
(16,816)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	5	0.24	0.13	0.17
(16,816)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	5	0.24	0.13	0.17
(7,1388)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	5	0.23	0.09	0.25
(7,1388)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	5	0.23	0.09	0.25
(7,1388)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	5	0.23	0.09	0.25
(7,1995)	1:23:A:LEU:HD11	1:24:A:ASP:H	5	0.23	0.04	0.25
(7,1995)	1:23:A:LEU:HD12	1:24:A:ASP:H	5	0.23	0.04	0.25
(7,1995)	1:23:A:LEU:HD13	1:24:A:ASP:H	5	0.23	0.04	0.25
(7,1995)	1:23:A:LEU:HD21	1:24:A:ASP:H	5	0.23	0.04	0.25
(7,1995)	1:23:A:LEU:HD22	1:24:A:ASP:H	5	0.23	0.04	0.25
(7,1995)	1:23:A:LEU:HD23	1:24:A:ASP:H	5	0.23	0.04	0.25
(9,909)	1:44:A:GLU:HA	1:44:A:GLU:HG2	5	0.23	0.01	0.24
(11,916)	1:44:A:GLU:HA	1:44:A:GLU:HG2	5	0.23	0.01	0.24
(29,922)	1:44:A:GLU:HA	1:44:A:GLU:HG2	5	0.23	0.01	0.24
(33,920)	1:44:A:GLU:HA	1:44:A:GLU:HG2	5	0.23	0.01	0.24
(34,933)	1:44:A:GLU:HA	1:44:A:GLU:HG2	5	0.23	0.01	0.24
(1,1420)	1:73:A:ILE:HG21	1:110:A:MET:H	5	0.23	0.06	0.27
(1,1420)	1:73:A:ILE:HG22	1:110:A:MET:H	5	0.23	0.06	0.27
(1,1420)	1:73:A:ILE:HG23	1:110:A:MET:H	5	0.23	0.06	0.27
(3,1437)	1:73:A:ILE:HG21	1:110:A:MET:H	5	0.23	0.06	0.27
(3,1437)	1:73:A:ILE:HG22	1:110:A:MET:H	5	0.23	0.06	0.27
(3,1437)	1:73:A:ILE:HG23	1:110:A:MET:H	5	0.23	0.06	0.27
(5,1433)	1:73:A:ILE:HG21	1:110:A:MET:H	5	0.23	0.06	0.27
(5,1433)	1:73:A:ILE:HG22	1:110:A:MET:H	5	0.23	0.06	0.27
(5,1433)	1:73:A:ILE:HG23	1:110:A:MET:H	5	0.23	0.06	0.27
(9,1409)	1:73:A:ILE:HG21	1:110:A:MET:H	5	0.23	0.06	0.27
(9,1409)	1:73:A:ILE:HG22	1:110:A:MET:H	5	0.23	0.06	0.27
(9,1409)	1:73:A:ILE:HG23	1:110:A:MET:H	5	0.23	0.06	0.27
(11,1434)	1:73:A:ILE:HG21	1:110:A:MET:H	5	0.23	0.06	0.27
(11,1434)	1:73:A:ILE:HG22	1:110:A:MET:H	5	0.23	0.06	0.27
(11,1434)	1:73:A:ILE:HG23	1:110:A:MET:H	5	0.23	0.06	0.27
(16,1415)	1:73:A:ILE:HG21	1:110:A:MET:H	5	0.23	0.06	0.27
(16,1415)	1:73:A:ILE:HG22	1:110:A:MET:H	5	0.23	0.06	0.27
(16,1415)	1:73:A:ILE:HG23	1:110:A:MET:H	5	0.23	0.06	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,1434)	1:73:A:ILE:HG21	1:110:A:MET:H	5	0.23	0.06	0.27
(17,1434)	1:73:A:ILE:HG22	1:110:A:MET:H	5	0.23	0.06	0.27
(17,1434)	1:73:A:ILE:HG23	1:110:A:MET:H	5	0.23	0.06	0.27
(18,1400)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	5	0.23	0.06	0.24
(18,1400)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	5	0.23	0.06	0.24
(18,1400)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	5	0.23	0.06	0.24
(18,1400)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	5	0.23	0.06	0.24
(18,1400)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	5	0.23	0.06	0.24
(18,1400)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	5	0.23	0.06	0.24
(18,1408)	1:73:A:ILE:HG21	1:110:A:MET:H	5	0.23	0.06	0.27
(18,1408)	1:73:A:ILE:HG22	1:110:A:MET:H	5	0.23	0.06	0.27
(18,1408)	1:73:A:ILE:HG23	1:110:A:MET:H	5	0.23	0.06	0.27
(34,1429)	1:73:A:ILE:HG21	1:110:A:MET:H	5	0.23	0.06	0.27
(34,1429)	1:73:A:ILE:HG22	1:110:A:MET:H	5	0.23	0.06	0.27
(34,1429)	1:73:A:ILE:HG23	1:110:A:MET:H	5	0.23	0.06	0.27
(1,2207)	1:65:A:CYS:HB2	1:69:A:MET:HG2	5	0.22	0.12	0.16
(1,2207)	1:65:A:CYS:HB2	1:69:A:MET:HG3	5	0.22	0.12	0.16
(1,2207)	1:65:A:CYS:HB3	1:69:A:MET:HG2	5	0.22	0.12	0.16
(1,2207)	1:65:A:CYS:HB3	1:69:A:MET:HG3	5	0.22	0.12	0.16
(3,2250)	1:65:A:CYS:HB2	1:69:A:MET:HG2	5	0.22	0.12	0.16
(3,2250)	1:65:A:CYS:HB2	1:69:A:MET:HG3	5	0.22	0.12	0.16
(3,2250)	1:65:A:CYS:HB3	1:69:A:MET:HG2	5	0.22	0.12	0.16
(3,2250)	1:65:A:CYS:HB3	1:69:A:MET:HG3	5	0.22	0.12	0.16
(5,747)	1:147:A:ARG:HA	1:147:A:ARG:HE	5	0.22	0.08	0.23
(15,561)	1:124:A:THR:H	1:128:A:LEU:HD21	5	0.22	0.11	0.25
(15,561)	1:124:A:THR:H	1:128:A:LEU:HD22	5	0.22	0.11	0.25
(15,561)	1:124:A:THR:H	1:128:A:LEU:HD23	5	0.22	0.11	0.25
(2,927)	1:69:A:MET:HG2	1:109:A:PRO:HA	5	0.22	0.05	0.19
(3,180)	1:93:A:GLU:H	1:93:A:GLU:HG2	5	0.22	0.12	0.15
(3,180)	1:93:A:GLU:H	1:93:A:GLU:HG3	5	0.22	0.12	0.15
(4,176)	1:93:A:GLU:H	1:93:A:GLU:HG2	5	0.22	0.12	0.15
(4,176)	1:93:A:GLU:H	1:93:A:GLU:HG3	5	0.22	0.12	0.15
(7,179)	1:93:A:GLU:H	1:93:A:GLU:HG2	5	0.22	0.12	0.15
(7,179)	1:93:A:GLU:H	1:93:A:GLU:HG3	5	0.22	0.12	0.15
(7,926)	1:69:A:MET:HG2	1:109:A:PRO:HA	5	0.22	0.05	0.19
(9,182)	1:93:A:GLU:H	1:93:A:GLU:HG2	5	0.22	0.12	0.15
(9,182)	1:93:A:GLU:H	1:93:A:GLU:HG3	5	0.22	0.12	0.15
(11,178)	1:93:A:GLU:H	1:93:A:GLU:HG2	5	0.22	0.12	0.15
(11,178)	1:93:A:GLU:H	1:93:A:GLU:HG3	5	0.22	0.12	0.15
(13,920)	1:69:A:MET:HG2	1:109:A:PRO:HA	5	0.22	0.05	0.19
(15,184)	1:93:A:GLU:H	1:93:A:GLU:HG2	5	0.22	0.12	0.15
(15,184)	1:93:A:GLU:H	1:93:A:GLU:HG3	5	0.22	0.12	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,813)	1:98:A:ILE:HD11	1:104:A:PHE:HD1	5	0.22	0.11	0.14
(15,813)	1:98:A:ILE:HD11	1:104:A:PHE:HD2	5	0.22	0.11	0.14
(15,813)	1:98:A:ILE:HD12	1:104:A:PHE:HD1	5	0.22	0.11	0.14
(15,813)	1:98:A:ILE:HD12	1:104:A:PHE:HD2	5	0.22	0.11	0.14
(15,813)	1:98:A:ILE:HD13	1:104:A:PHE:HD1	5	0.22	0.11	0.14
(15,813)	1:98:A:ILE:HD13	1:104:A:PHE:HD2	5	0.22	0.11	0.14
(18,183)	1:93:A:GLU:H	1:93:A:GLU:HG2	5	0.22	0.12	0.15
(18,183)	1:93:A:GLU:H	1:93:A:GLU:HG3	5	0.22	0.12	0.15
(29,2358)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	5	0.22	0.09	0.24
(29,2358)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	5	0.22	0.09	0.24
(29,2358)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	5	0.22	0.09	0.24
(29,2358)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	5	0.22	0.09	0.24
(29,2358)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	5	0.22	0.09	0.24
(29,2358)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	5	0.22	0.09	0.24
(30,178)	1:93:A:GLU:H	1:93:A:GLU:HG2	5	0.22	0.12	0.15
(30,178)	1:93:A:GLU:H	1:93:A:GLU:HG3	5	0.22	0.12	0.15
(30,934)	1:69:A:MET:HG2	1:109:A:PRO:HA	5	0.22	0.05	0.19
(32,169)	1:93:A:GLU:H	1:93:A:GLU:HG2	5	0.22	0.12	0.15
(32,169)	1:93:A:GLU:H	1:93:A:GLU:HG3	5	0.22	0.12	0.15
(32,910)	1:69:A:MET:HG2	1:109:A:PRO:HA	5	0.22	0.05	0.19
(33,177)	1:93:A:GLU:H	1:93:A:GLU:HG2	5	0.22	0.12	0.15
(33,177)	1:93:A:GLU:H	1:93:A:GLU:HG3	5	0.22	0.12	0.15
(34,185)	1:93:A:GLU:H	1:93:A:GLU:HG2	5	0.22	0.12	0.15
(34,185)	1:93:A:GLU:H	1:93:A:GLU:HG3	5	0.22	0.12	0.15
(6,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	5	0.22	0.05	0.26
(6,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	5	0.22	0.05	0.26
(13,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	5	0.22	0.05	0.26
(13,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	5	0.22	0.05	0.26
(15,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	5	0.22	0.05	0.26
(15,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	5	0.22	0.05	0.26
(17,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	5	0.22	0.05	0.26
(17,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	5	0.22	0.05	0.26
(3,413)	1:125:A:THR:H	1:128:A:LEU:HG	5	0.22	0.06	0.24
(4,401)	1:125:A:THR:H	1:128:A:LEU:HG	5	0.22	0.06	0.24
(13,405)	1:125:A:THR:H	1:128:A:LEU:HG	5	0.22	0.06	0.24
(15,412)	1:125:A:THR:H	1:128:A:LEU:HG	5	0.22	0.06	0.24
(16,414)	1:125:A:THR:H	1:128:A:LEU:HG	5	0.22	0.06	0.24
(17,405)	1:125:A:THR:H	1:128:A:LEU:HG	5	0.22	0.06	0.24
(18,831)	1:98:A:ILE:HD11	1:119:A:LEU:HG	5	0.22	0.15	0.17
(18,831)	1:98:A:ILE:HD12	1:119:A:LEU:HG	5	0.22	0.15	0.17
(18,831)	1:98:A:ILE:HD13	1:119:A:LEU:HG	5	0.22	0.15	0.17
(29,413)	1:125:A:THR:H	1:128:A:LEU:HG	5	0.22	0.06	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,417)	1:125:A:THR:H	1:128:A:LEU:HG	5	0.22	0.06	0.24
(6,103)	1:67:A:PRO:HD2	1:69:A:MET:H	5	0.22	0.08	0.2
(18,289)	1:73:A:ILE:HD11	1:112:A:GLN:H	5	0.22	0.07	0.21
(18,289)	1:73:A:ILE:HD12	1:112:A:GLN:H	5	0.22	0.07	0.21
(18,289)	1:73:A:ILE:HD13	1:112:A:GLN:H	5	0.22	0.07	0.21
(34,107)	1:67:A:PRO:HD2	1:69:A:MET:H	5	0.22	0.08	0.2
(6,2289)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	5	0.22	0.09	0.21
(6,2289)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	5	0.22	0.09	0.21
(6,2289)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	5	0.22	0.09	0.21
(6,2289)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	5	0.22	0.09	0.21
(6,2289)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	5	0.22	0.09	0.21
(6,2289)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	5	0.22	0.09	0.21
(7,2262)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	5	0.22	0.09	0.21
(7,2262)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	5	0.22	0.09	0.21
(7,2262)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	5	0.22	0.09	0.21
(7,2262)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	5	0.22	0.09	0.21
(7,2262)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	5	0.22	0.09	0.21
(7,2262)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	5	0.22	0.09	0.21
(16,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	5	0.22	0.09	0.21
(16,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	5	0.22	0.09	0.21
(16,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	5	0.22	0.09	0.21
(16,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	5	0.22	0.09	0.21
(16,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	5	0.22	0.09	0.21
(16,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	5	0.22	0.09	0.21
(29,2280)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	5	0.22	0.09	0.21
(29,2280)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	5	0.22	0.09	0.21
(29,2280)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	5	0.22	0.09	0.21
(29,2280)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	5	0.22	0.09	0.21
(29,2280)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	5	0.22	0.09	0.21
(29,2280)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	5	0.22	0.09	0.21
(30,2296)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	5	0.22	0.09	0.21
(30,2296)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	5	0.22	0.09	0.21
(30,2296)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	5	0.22	0.09	0.21
(30,2296)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	5	0.22	0.09	0.21
(30,2296)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	5	0.22	0.09	0.21
(30,2296)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	5	0.22	0.09	0.21
(1,798)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	5	0.21	0.08	0.16
(1,798)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	5	0.21	0.08	0.16
(1,798)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	5	0.21	0.08	0.16
(1,1078)	1:140:A:LEU:H	1:140:A:LEU:HG	5	0.21	0.09	0.18
(3,272)	1:112:A:GLN:H	1:112:A:GLN:HE21	5	0.21	0.09	0.18
(6,1052)	1:140:A:LEU:H	1:140:A:LEU:HG	5	0.21	0.09	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1046)	1:140:A:LEU:H	1:140:A:LEU:HG	5	0.21	0.09	0.18
(9,1065)	1:140:A:LEU:H	1:140:A:LEU:HG	5	0.21	0.09	0.18
(11,273)	1:112:A:GLN:H	1:112:A:GLN:HE21	5	0.21	0.09	0.18
(13,271)	1:112:A:GLN:H	1:112:A:GLN:HE21	5	0.21	0.09	0.18
(13,1051)	1:140:A:LEU:H	1:140:A:LEU:HG	5	0.21	0.09	0.18
(15,278)	1:112:A:GLN:H	1:112:A:GLN:HE21	5	0.21	0.09	0.18
(15,1071)	1:140:A:LEU:H	1:140:A:LEU:HG	5	0.21	0.09	0.18
(15,2206)	1:65:A:CYS:HB2	1:69:A:MET:HG2	5	0.21	0.12	0.15
(15,2206)	1:65:A:CYS:HB2	1:69:A:MET:HG3	5	0.21	0.12	0.15
(15,2206)	1:65:A:CYS:HB3	1:69:A:MET:HG2	5	0.21	0.12	0.15
(15,2206)	1:65:A:CYS:HB3	1:69:A:MET:HG3	5	0.21	0.12	0.15
(16,277)	1:112:A:GLN:H	1:112:A:GLN:HE21	5	0.21	0.09	0.18
(18,1081)	1:140:A:LEU:H	1:140:A:LEU:HG	5	0.21	0.09	0.18
(32,265)	1:112:A:GLN:H	1:112:A:GLN:HE21	5	0.21	0.09	0.18
(32,1038)	1:140:A:LEU:H	1:140:A:LEU:HG	5	0.21	0.09	0.18
(33,1066)	1:140:A:LEU:H	1:140:A:LEU:HG	5	0.21	0.09	0.18
(34,279)	1:112:A:GLN:H	1:112:A:GLN:HE21	5	0.21	0.09	0.18
(34,1096)	1:140:A:LEU:H	1:140:A:LEU:HG	5	0.21	0.09	0.18
(5,619)	1:96:A:VAL:H	1:97:A:ASP:H	5	0.21	0.09	0.17
(6,616)	1:96:A:VAL:H	1:97:A:ASP:H	5	0.21	0.09	0.17
(18,634)	1:96:A:VAL:H	1:97:A:ASP:H	5	0.21	0.09	0.17
(32,2004)	1:23:A:LEU:HD11	1:24:A:ASP:H	5	0.21	0.04	0.23
(32,2004)	1:23:A:LEU:HD12	1:24:A:ASP:H	5	0.21	0.04	0.23
(32,2004)	1:23:A:LEU:HD13	1:24:A:ASP:H	5	0.21	0.04	0.23
(32,2004)	1:23:A:LEU:HD21	1:24:A:ASP:H	5	0.21	0.04	0.23
(32,2004)	1:23:A:LEU:HD22	1:24:A:ASP:H	5	0.21	0.04	0.23
(32,2004)	1:23:A:LEU:HD23	1:24:A:ASP:H	5	0.21	0.04	0.23
(33,620)	1:96:A:VAL:H	1:97:A:ASP:H	5	0.21	0.09	0.17
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD11	5	0.21	0.07	0.25
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD12	5	0.21	0.07	0.25
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD13	5	0.21	0.07	0.25
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD21	5	0.21	0.07	0.25
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD22	5	0.21	0.07	0.25
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD23	5	0.21	0.07	0.25
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD11	5	0.21	0.04	0.21
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD12	5	0.21	0.04	0.21
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD13	5	0.21	0.04	0.21
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD21	5	0.21	0.04	0.21
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD22	5	0.21	0.04	0.21
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD23	5	0.21	0.04	0.21
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD11	5	0.21	0.04	0.21
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD12	5	0.21	0.04	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD13	5	0.21	0.04	0.21
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD21	5	0.21	0.04	0.21
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD22	5	0.21	0.04	0.21
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD23	5	0.21	0.04	0.21
(1,53)	1:44:A:GLU:HB2	1:47:A:ALA:H	5	0.21	0.08	0.19
(1,53)	1:44:A:GLU:HB3	1:47:A:ALA:H	5	0.21	0.08	0.19
(2,45)	1:44:A:GLU:HB2	1:47:A:ALA:H	5	0.21	0.08	0.19
(2,45)	1:44:A:GLU:HB3	1:47:A:ALA:H	5	0.21	0.08	0.19
(9,49)	1:44:A:GLU:HB2	1:47:A:ALA:H	5	0.21	0.08	0.19
(9,49)	1:44:A:GLU:HB3	1:47:A:ALA:H	5	0.21	0.08	0.19
(13,1490)	1:69:A:MET:HE1	1:116:A:GLN:HE21	5	0.21	0.05	0.19
(13,1490)	1:69:A:MET:HE2	1:116:A:GLN:HE21	5	0.21	0.05	0.19
(13,1490)	1:69:A:MET:HE3	1:116:A:GLN:HE21	5	0.21	0.05	0.19
(16,47)	1:44:A:GLU:HB2	1:47:A:ALA:H	5	0.21	0.08	0.19
(16,47)	1:44:A:GLU:HB3	1:47:A:ALA:H	5	0.21	0.08	0.19
(18,51)	1:44:A:GLU:HB2	1:47:A:ALA:H	5	0.21	0.08	0.19
(18,51)	1:44:A:GLU:HB3	1:47:A:ALA:H	5	0.21	0.08	0.19
(33,52)	1:44:A:GLU:HB2	1:47:A:ALA:H	5	0.21	0.08	0.19
(33,52)	1:44:A:GLU:HB3	1:47:A:ALA:H	5	0.21	0.08	0.19
(32,2056)	1:35:A:LEU:HD11	1:39:A:VAL:HB	5	0.21	0.11	0.13
(32,2056)	1:35:A:LEU:HD12	1:39:A:VAL:HB	5	0.21	0.11	0.13
(32,2056)	1:35:A:LEU:HD13	1:39:A:VAL:HB	5	0.21	0.11	0.13
(32,2056)	1:35:A:LEU:HD21	1:39:A:VAL:HB	5	0.21	0.11	0.13
(32,2056)	1:35:A:LEU:HD22	1:39:A:VAL:HB	5	0.21	0.11	0.13
(32,2056)	1:35:A:LEU:HD23	1:39:A:VAL:HB	5	0.21	0.11	0.13
(4,808)	1:98:A:ILE:HD11	1:104:A:PHE:HD1	5	0.2	0.11	0.12
(4,808)	1:98:A:ILE:HD11	1:104:A:PHE:HD2	5	0.2	0.11	0.12
(4,808)	1:98:A:ILE:HD12	1:104:A:PHE:HD1	5	0.2	0.11	0.12
(4,808)	1:98:A:ILE:HD12	1:104:A:PHE:HD2	5	0.2	0.11	0.12
(4,808)	1:98:A:ILE:HD13	1:104:A:PHE:HD1	5	0.2	0.11	0.12
(4,808)	1:98:A:ILE:HD13	1:104:A:PHE:HD2	5	0.2	0.11	0.12
(18,2239)	1:65:A:CYS:HB2	1:69:A:MET:HG2	5	0.2	0.12	0.14
(18,2239)	1:65:A:CYS:HB2	1:69:A:MET:HG3	5	0.2	0.12	0.14
(18,2239)	1:65:A:CYS:HB3	1:69:A:MET:HG2	5	0.2	0.12	0.14
(18,2239)	1:65:A:CYS:HB3	1:69:A:MET:HG3	5	0.2	0.12	0.14
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD11	5	0.2	0.08	0.18
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD12	5	0.2	0.08	0.18
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD13	5	0.2	0.08	0.18
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD21	5	0.2	0.08	0.18
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD22	5	0.2	0.08	0.18
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD23	5	0.2	0.08	0.18
(3,2064)	1:23:A:LEU:HD11	1:24:A:ASP:H	5	0.2	0.04	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,2064)	1:23:A:LEU:HD12	1:24:A:ASP:H	5	0.2	0.04	0.22
(3,2064)	1:23:A:LEU:HD13	1:24:A:ASP:H	5	0.2	0.04	0.22
(3,2064)	1:23:A:LEU:HD21	1:24:A:ASP:H	5	0.2	0.04	0.22
(3,2064)	1:23:A:LEU:HD22	1:24:A:ASP:H	5	0.2	0.04	0.22
(3,2064)	1:23:A:LEU:HD23	1:24:A:ASP:H	5	0.2	0.04	0.22
(18,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	5	0.2	0.13	0.11
(18,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	5	0.2	0.13	0.11
(18,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	5	0.2	0.13	0.11
(1,946)	1:93:A:GLU:HG2	1:94:A:ALA:HB1	5	0.2	0.03	0.2
(1,946)	1:93:A:GLU:HG2	1:94:A:ALA:HB2	5	0.2	0.03	0.2
(1,946)	1:93:A:GLU:HG2	1:94:A:ALA:HB3	5	0.2	0.03	0.2
(1,946)	1:93:A:GLU:HG3	1:94:A:ALA:HB1	5	0.2	0.03	0.2
(1,946)	1:93:A:GLU:HG3	1:94:A:ALA:HB2	5	0.2	0.03	0.2
(1,946)	1:93:A:GLU:HG3	1:94:A:ALA:HB3	5	0.2	0.03	0.2
(3,1534)	1:98:A:ILE:HG21	1:119:A:LEU:HG	5	0.2	0.06	0.18
(3,1534)	1:98:A:ILE:HG22	1:119:A:LEU:HG	5	0.2	0.06	0.18
(3,1534)	1:98:A:ILE:HG23	1:119:A:LEU:HG	5	0.2	0.06	0.18
(32,897)	1:93:A:GLU:HG2	1:94:A:ALA:HB1	5	0.2	0.03	0.2
(32,897)	1:93:A:GLU:HG2	1:94:A:ALA:HB2	5	0.2	0.03	0.2
(32,897)	1:93:A:GLU:HG2	1:94:A:ALA:HB3	5	0.2	0.03	0.2
(32,897)	1:93:A:GLU:HG3	1:94:A:ALA:HB1	5	0.2	0.03	0.2
(32,897)	1:93:A:GLU:HG3	1:94:A:ALA:HB2	5	0.2	0.03	0.2
(32,897)	1:93:A:GLU:HG3	1:94:A:ALA:HB3	5	0.2	0.03	0.2
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD11	5	0.2	0.04	0.2
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD12	5	0.2	0.04	0.2
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD13	5	0.2	0.04	0.2
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD21	5	0.2	0.04	0.2
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD22	5	0.2	0.04	0.2
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD23	5	0.2	0.04	0.2
(2,2456)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	5	0.2	0.08	0.18
(2,2456)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	5	0.2	0.08	0.18
(2,2456)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	5	0.2	0.08	0.18
(2,2456)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	5	0.2	0.08	0.18
(2,2456)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	5	0.2	0.08	0.18
(2,2456)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	5	0.2	0.08	0.18
(1,1717)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	5	0.19	0.08	0.14
(2,1722)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	5	0.19	0.08	0.14
(4,1683)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	5	0.19	0.08	0.14
(6,1705)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	5	0.19	0.08	0.14
(11,1740)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	5	0.19	0.08	0.14
(13,1675)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	5	0.19	0.08	0.14
(15,1696)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	5	0.19	0.08	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,1720)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	5	0.19	0.08	0.14
(18,1689)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	5	0.19	0.08	0.14
(29,1724)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	5	0.19	0.08	0.14
(32,1659)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	5	0.19	0.08	0.14
(33,1699)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	5	0.19	0.08	0.14
(7,1108)	1:40:A:LEU:HA	1:40:A:LEU:HD21	5	0.19	0.04	0.21
(7,1108)	1:40:A:LEU:HA	1:40:A:LEU:HD22	5	0.19	0.04	0.21
(7,1108)	1:40:A:LEU:HA	1:40:A:LEU:HD23	5	0.19	0.04	0.21
(3,379)	1:40:A:LEU:HB2	1:41:A:LYS:H	5	0.19	0.02	0.18
(3,1362)	1:131:A:LEU:H	1:131:A:LEU:HD21	5	0.19	0.06	0.17
(3,1362)	1:131:A:LEU:H	1:131:A:LEU:HD22	5	0.19	0.06	0.17
(3,1362)	1:131:A:LEU:H	1:131:A:LEU:HD23	5	0.19	0.06	0.17
(4,1318)	1:131:A:LEU:H	1:131:A:LEU:HD21	5	0.19	0.06	0.17
(4,1318)	1:131:A:LEU:H	1:131:A:LEU:HD22	5	0.19	0.06	0.17
(4,1318)	1:131:A:LEU:H	1:131:A:LEU:HD23	5	0.19	0.06	0.17
(7,1317)	1:131:A:LEU:H	1:131:A:LEU:HD21	5	0.19	0.06	0.17
(7,1317)	1:131:A:LEU:H	1:131:A:LEU:HD22	5	0.19	0.06	0.17
(7,1317)	1:131:A:LEU:H	1:131:A:LEU:HD23	5	0.19	0.06	0.17
(9,168)	1:131:A:LEU:H	1:131:A:LEU:HD21	5	0.19	0.06	0.17
(9,168)	1:131:A:LEU:H	1:131:A:LEU:HD22	5	0.19	0.06	0.17
(9,168)	1:131:A:LEU:H	1:131:A:LEU:HD23	5	0.19	0.06	0.17
(18,169)	1:131:A:LEU:H	1:131:A:LEU:HD21	5	0.19	0.06	0.17
(18,169)	1:131:A:LEU:H	1:131:A:LEU:HD22	5	0.19	0.06	0.17
(18,169)	1:131:A:LEU:H	1:131:A:LEU:HD23	5	0.19	0.06	0.17
(29,341)	1:110:A:MET:HG2	1:111:A:GLU:H	5	0.19	0.04	0.2
(29,341)	1:110:A:MET:HG3	1:111:A:GLU:H	5	0.19	0.04	0.2
(32,1305)	1:131:A:LEU:H	1:131:A:LEU:HD21	5	0.19	0.06	0.17
(32,1305)	1:131:A:LEU:H	1:131:A:LEU:HD22	5	0.19	0.06	0.17
(32,1305)	1:131:A:LEU:H	1:131:A:LEU:HD23	5	0.19	0.06	0.17
(33,1338)	1:131:A:LEU:H	1:131:A:LEU:HD21	5	0.19	0.06	0.17
(33,1338)	1:131:A:LEU:H	1:131:A:LEU:HD22	5	0.19	0.06	0.17
(33,1338)	1:131:A:LEU:H	1:131:A:LEU:HD23	5	0.19	0.06	0.17
(1,1524)	1:98:A:ILE:HG21	1:119:A:LEU:HG	5	0.18	0.06	0.16
(1,1524)	1:98:A:ILE:HG22	1:119:A:LEU:HG	5	0.18	0.06	0.16
(1,1524)	1:98:A:ILE:HG23	1:119:A:LEU:HG	5	0.18	0.06	0.16
(15,2014)	1:23:A:LEU:HD11	1:25:A:ALA:H	5	0.18	0.05	0.17
(15,2014)	1:23:A:LEU:HD12	1:25:A:ALA:H	5	0.18	0.05	0.17
(15,2014)	1:23:A:LEU:HD13	1:25:A:ALA:H	5	0.18	0.05	0.17
(15,2014)	1:23:A:LEU:HD21	1:25:A:ALA:H	5	0.18	0.05	0.17
(15,2014)	1:23:A:LEU:HD22	1:25:A:ALA:H	5	0.18	0.05	0.17
(15,2014)	1:23:A:LEU:HD23	1:25:A:ALA:H	5	0.18	0.05	0.17
(16,2213)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	5	0.18	0.07	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,2213)	1:63:A:ILE:HG12	1:116:A:GLN:HG3	5	0.18	0.07	0.14
(16,1589)	1:121:A:VAL:HG11	1:123:A:CYS:H	5	0.18	0.06	0.15
(16,1589)	1:121:A:VAL:HG12	1:123:A:CYS:H	5	0.18	0.06	0.15
(16,1589)	1:121:A:VAL:HG13	1:123:A:CYS:H	5	0.18	0.06	0.15
(3,10)	1:63:A:ILE:HG13	1:64:A:LYS:H	5	0.17	0.03	0.17
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	5	0.17	0.05	0.15
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	5	0.17	0.05	0.15
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	5	0.17	0.05	0.15
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	5	0.17	0.05	0.15
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	5	0.17	0.05	0.15
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	5	0.17	0.05	0.15
(4,8)	1:63:A:ILE:HG13	1:64:A:LYS:H	5	0.17	0.03	0.17
(5,8)	1:63:A:ILE:HG13	1:64:A:LYS:H	5	0.17	0.03	0.17
(6,8)	1:63:A:ILE:HG13	1:64:A:LYS:H	5	0.17	0.03	0.17
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	5	0.17	0.05	0.15
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	5	0.17	0.05	0.15
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	5	0.17	0.05	0.15
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	5	0.17	0.05	0.15
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	5	0.17	0.05	0.15
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	5	0.17	0.05	0.15
(11,9)	1:63:A:ILE:HG13	1:64:A:LYS:H	5	0.17	0.03	0.17
(15,9)	1:63:A:ILE:HG13	1:64:A:LYS:H	5	0.17	0.03	0.17
(17,8)	1:63:A:ILE:HG13	1:64:A:LYS:H	5	0.17	0.03	0.17
(34,8)	1:63:A:ILE:HG13	1:64:A:LYS:H	5	0.17	0.03	0.17
(2,551)	1:73:A:ILE:HD11	1:110:A:MET:H	5	0.16	0.05	0.15
(2,551)	1:73:A:ILE:HD12	1:110:A:MET:H	5	0.16	0.05	0.15
(2,551)	1:73:A:ILE:HD13	1:110:A:MET:H	5	0.16	0.05	0.15
(4,543)	1:73:A:ILE:HD11	1:110:A:MET:H	5	0.16	0.05	0.15
(4,543)	1:73:A:ILE:HD12	1:110:A:MET:H	5	0.16	0.05	0.15
(4,543)	1:73:A:ILE:HD13	1:110:A:MET:H	5	0.16	0.05	0.15
(4,1583)	1:120:A:CYS:H	1:121:A:VAL:HG21	5	0.16	0.03	0.16
(4,1583)	1:120:A:CYS:H	1:121:A:VAL:HG22	5	0.16	0.03	0.16
(4,1583)	1:120:A:CYS:H	1:121:A:VAL:HG23	5	0.16	0.03	0.16
(5,545)	1:73:A:ILE:HD11	1:110:A:MET:H	5	0.16	0.05	0.15
(5,545)	1:73:A:ILE:HD12	1:110:A:MET:H	5	0.16	0.05	0.15
(5,545)	1:73:A:ILE:HD13	1:110:A:MET:H	5	0.16	0.05	0.15
(9,1597)	1:120:A:CYS:H	1:121:A:VAL:HG21	5	0.16	0.03	0.16
(9,1597)	1:120:A:CYS:H	1:121:A:VAL:HG22	5	0.16	0.03	0.16
(9,1597)	1:120:A:CYS:H	1:121:A:VAL:HG23	5	0.16	0.03	0.16
(11,1636)	1:120:A:CYS:H	1:121:A:VAL:HG21	5	0.16	0.03	0.16
(11,1636)	1:120:A:CYS:H	1:121:A:VAL:HG22	5	0.16	0.03	0.16
(11,1636)	1:120:A:CYS:H	1:121:A:VAL:HG23	5	0.16	0.03	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1591)	1:120:A:CYS:H	1:121:A:VAL:HG21	5	0.16	0.03	0.16
(16,1591)	1:120:A:CYS:H	1:121:A:VAL:HG22	5	0.16	0.03	0.16
(16,1591)	1:120:A:CYS:H	1:121:A:VAL:HG23	5	0.16	0.03	0.16
(17,547)	1:73:A:ILE:HD11	1:110:A:MET:H	5	0.16	0.05	0.15
(17,547)	1:73:A:ILE:HD12	1:110:A:MET:H	5	0.16	0.05	0.15
(17,547)	1:73:A:ILE:HD13	1:110:A:MET:H	5	0.16	0.05	0.15
(29,555)	1:73:A:ILE:HD11	1:110:A:MET:H	5	0.16	0.05	0.15
(29,555)	1:73:A:ILE:HD12	1:110:A:MET:H	5	0.16	0.05	0.15
(29,555)	1:73:A:ILE:HD13	1:110:A:MET:H	5	0.16	0.05	0.15
(30,552)	1:73:A:ILE:HD11	1:110:A:MET:H	5	0.16	0.05	0.15
(30,552)	1:73:A:ILE:HD12	1:110:A:MET:H	5	0.16	0.05	0.15
(30,552)	1:73:A:ILE:HD13	1:110:A:MET:H	5	0.16	0.05	0.15
(34,565)	1:73:A:ILE:HD11	1:110:A:MET:H	5	0.16	0.05	0.15
(34,565)	1:73:A:ILE:HD12	1:110:A:MET:H	5	0.16	0.05	0.15
(34,565)	1:73:A:ILE:HD13	1:110:A:MET:H	5	0.16	0.05	0.15
(34,1618)	1:120:A:CYS:H	1:121:A:VAL:HG21	5	0.16	0.03	0.16
(34,1618)	1:120:A:CYS:H	1:121:A:VAL:HG22	5	0.16	0.03	0.16
(34,1618)	1:120:A:CYS:H	1:121:A:VAL:HG23	5	0.16	0.03	0.16
(5,292)	1:128:A:LEU:HB3	1:129:A:LYS:H	5	0.16	0.06	0.15
(6,292)	1:128:A:LEU:HB3	1:129:A:LYS:H	5	0.16	0.06	0.15
(18,306)	1:128:A:LEU:HB3	1:129:A:LYS:H	5	0.16	0.06	0.15
(30,298)	1:128:A:LEU:HB3	1:129:A:LYS:H	5	0.16	0.06	0.15
(32,290)	1:128:A:LEU:HB3	1:129:A:LYS:H	5	0.16	0.06	0.15
(33,294)	1:128:A:LEU:HB3	1:129:A:LYS:H	5	0.16	0.06	0.15
(2,613)	1:55:A:GLY:H	1:58:A:ILE:HB	5	0.16	0.06	0.13
(3,619)	1:55:A:GLY:H	1:58:A:ILE:HB	5	0.16	0.06	0.13
(5,609)	1:55:A:GLY:H	1:58:A:ILE:HB	5	0.16	0.06	0.13
(15,620)	1:55:A:GLY:H	1:58:A:ILE:HB	5	0.16	0.06	0.13
(22,20)	1:101:A:ILE:N	1:98:A:ILE:C	5	0.16	0.06	0.15
(5,1059)	1:72:A:PHE:HA	1:109:A:PRO:HB2	5	0.15	0.03	0.16
(5,1059)	1:72:A:PHE:HA	1:109:A:PRO:HB3	5	0.15	0.03	0.16
(33,1109)	1:40:A:LEU:HB3	1:41:A:LYS:HA	5	0.15	0.05	0.12
(4,2348)	1:111:A:GLU:H	1:111:A:GLU:HG2	5	0.15	0.03	0.17
(4,2348)	1:111:A:GLU:H	1:111:A:GLU:HG3	5	0.15	0.03	0.17
(9,2287)	1:111:A:GLU:H	1:111:A:GLU:HG2	5	0.15	0.03	0.17
(9,2287)	1:111:A:GLU:H	1:111:A:GLU:HG3	5	0.15	0.03	0.17
(17,2356)	1:111:A:GLU:H	1:111:A:GLU:HG2	5	0.15	0.03	0.17
(17,2356)	1:111:A:GLU:H	1:111:A:GLU:HG3	5	0.15	0.03	0.17
(1,250)	1:23:A:LEU:HB2	1:24:A:ASP:H	5	0.15	0.03	0.14
(1,250)	1:23:A:LEU:HB3	1:24:A:ASP:H	5	0.15	0.03	0.14
(2,1518)	1:65:A:CYS:H	1:69:A:MET:HE1	5	0.15	0.03	0.17
(2,1518)	1:65:A:CYS:H	1:69:A:MET:HE2	5	0.15	0.03	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,1518)	1:65:A:CYS:H	1:69:A:MET:HE3	5	0.15	0.03	0.17
(3,1541)	1:65:A:CYS:H	1:69:A:MET:HE1	5	0.15	0.03	0.17
(3,1541)	1:65:A:CYS:H	1:69:A:MET:HE2	5	0.15	0.03	0.17
(3,1541)	1:65:A:CYS:H	1:69:A:MET:HE3	5	0.15	0.03	0.17
(4,1498)	1:65:A:CYS:H	1:69:A:MET:HE1	5	0.15	0.03	0.17
(4,1498)	1:65:A:CYS:H	1:69:A:MET:HE2	5	0.15	0.03	0.17
(4,1498)	1:65:A:CYS:H	1:69:A:MET:HE3	5	0.15	0.03	0.17
(5,237)	1:23:A:LEU:HB2	1:24:A:ASP:H	5	0.15	0.03	0.14
(5,237)	1:23:A:LEU:HB3	1:24:A:ASP:H	5	0.15	0.03	0.14
(5,1533)	1:65:A:CYS:H	1:69:A:MET:HE1	5	0.15	0.03	0.17
(5,1533)	1:65:A:CYS:H	1:69:A:MET:HE2	5	0.15	0.03	0.17
(5,1533)	1:65:A:CYS:H	1:69:A:MET:HE3	5	0.15	0.03	0.17
(6,1512)	1:65:A:CYS:H	1:69:A:MET:HE1	5	0.15	0.03	0.17
(6,1512)	1:65:A:CYS:H	1:69:A:MET:HE2	5	0.15	0.03	0.17
(6,1512)	1:65:A:CYS:H	1:69:A:MET:HE3	5	0.15	0.03	0.17
(9,1513)	1:65:A:CYS:H	1:69:A:MET:HE1	5	0.15	0.03	0.17
(9,1513)	1:65:A:CYS:H	1:69:A:MET:HE2	5	0.15	0.03	0.17
(9,1513)	1:65:A:CYS:H	1:69:A:MET:HE3	5	0.15	0.03	0.17
(11,242)	1:23:A:LEU:HB2	1:24:A:ASP:H	5	0.15	0.03	0.14
(11,242)	1:23:A:LEU:HB3	1:24:A:ASP:H	5	0.15	0.03	0.14
(11,1538)	1:65:A:CYS:H	1:69:A:MET:HE1	5	0.15	0.03	0.17
(11,1538)	1:65:A:CYS:H	1:69:A:MET:HE2	5	0.15	0.03	0.17
(11,1538)	1:65:A:CYS:H	1:69:A:MET:HE3	5	0.15	0.03	0.17
(15,1508)	1:65:A:CYS:H	1:69:A:MET:HE1	5	0.15	0.03	0.17
(15,1508)	1:65:A:CYS:H	1:69:A:MET:HE2	5	0.15	0.03	0.17
(15,1508)	1:65:A:CYS:H	1:69:A:MET:HE3	5	0.15	0.03	0.17
(16,1516)	1:65:A:CYS:H	1:69:A:MET:HE1	5	0.15	0.03	0.17
(16,1516)	1:65:A:CYS:H	1:69:A:MET:HE2	5	0.15	0.03	0.17
(16,1516)	1:65:A:CYS:H	1:69:A:MET:HE3	5	0.15	0.03	0.17
(17,241)	1:23:A:LEU:HB2	1:24:A:ASP:H	5	0.15	0.03	0.14
(17,241)	1:23:A:LEU:HB3	1:24:A:ASP:H	5	0.15	0.03	0.14
(17,1539)	1:65:A:CYS:H	1:69:A:MET:HE1	5	0.15	0.03	0.17
(17,1539)	1:65:A:CYS:H	1:69:A:MET:HE2	5	0.15	0.03	0.17
(17,1539)	1:65:A:CYS:H	1:69:A:MET:HE3	5	0.15	0.03	0.17
(18,1507)	1:65:A:CYS:H	1:69:A:MET:HE1	5	0.15	0.03	0.17
(18,1507)	1:65:A:CYS:H	1:69:A:MET:HE2	5	0.15	0.03	0.17
(18,1507)	1:65:A:CYS:H	1:69:A:MET:HE3	5	0.15	0.03	0.17
(30,1515)	1:65:A:CYS:H	1:69:A:MET:HE1	5	0.15	0.03	0.17
(30,1515)	1:65:A:CYS:H	1:69:A:MET:HE2	5	0.15	0.03	0.17
(30,1515)	1:65:A:CYS:H	1:69:A:MET:HE3	5	0.15	0.03	0.17
(32,1477)	1:65:A:CYS:H	1:69:A:MET:HE1	5	0.15	0.03	0.17
(32,1477)	1:65:A:CYS:H	1:69:A:MET:HE2	5	0.15	0.03	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,1477)	1:65:A:CYS:H	1:69:A:MET:HE3	5	0.15	0.03	0.17
(33,307)	1:65:A:CYS:H	1:69:A:MET:HE1	5	0.15	0.03	0.17
(33,307)	1:65:A:CYS:H	1:69:A:MET:HE2	5	0.15	0.03	0.17
(33,307)	1:65:A:CYS:H	1:69:A:MET:HE3	5	0.15	0.03	0.17
(34,1532)	1:65:A:CYS:H	1:69:A:MET:HE1	5	0.15	0.03	0.17
(34,1532)	1:65:A:CYS:H	1:69:A:MET:HE2	5	0.15	0.03	0.17
(34,1532)	1:65:A:CYS:H	1:69:A:MET:HE3	5	0.15	0.03	0.17
(5,327)	1:122:A:ASP:H	1:123:A:CYS:HA	5	0.14	0.03	0.16
(6,93)	1:96:A:VAL:HB	1:97:A:ASP:H	5	0.14	0.03	0.14
(7,331)	1:122:A:ASP:H	1:123:A:CYS:HA	5	0.14	0.03	0.16
(3,1389)	1:119:A:LEU:HB2	1:121:A:VAL:HG11	5	0.14	0.03	0.13
(3,1389)	1:119:A:LEU:HB2	1:121:A:VAL:HG12	5	0.14	0.03	0.13
(3,1389)	1:119:A:LEU:HB2	1:121:A:VAL:HG13	5	0.14	0.03	0.13
(7,1345)	1:119:A:LEU:HB2	1:121:A:VAL:HG11	5	0.14	0.03	0.13
(7,1345)	1:119:A:LEU:HB2	1:121:A:VAL:HG12	5	0.14	0.03	0.13
(7,1345)	1:119:A:LEU:HB2	1:121:A:VAL:HG13	5	0.14	0.03	0.13
(18,1356)	1:119:A:LEU:HB2	1:121:A:VAL:HG11	5	0.14	0.03	0.13
(18,1356)	1:119:A:LEU:HB2	1:121:A:VAL:HG12	5	0.14	0.03	0.13
(18,1356)	1:119:A:LEU:HB2	1:121:A:VAL:HG13	5	0.14	0.03	0.13
(33,1363)	1:119:A:LEU:HB2	1:121:A:VAL:HG11	5	0.14	0.03	0.13
(33,1363)	1:119:A:LEU:HB2	1:121:A:VAL:HG12	5	0.14	0.03	0.13
(33,1363)	1:119:A:LEU:HB2	1:121:A:VAL:HG13	5	0.14	0.03	0.13
(34,568)	1:124:A:THR:H	1:128:A:LEU:HD11	5	0.13	0.03	0.12
(34,568)	1:124:A:THR:H	1:128:A:LEU:HD12	5	0.13	0.03	0.12
(34,568)	1:124:A:THR:H	1:128:A:LEU:HD13	5	0.13	0.03	0.12
(29,790)	1:101:A:ILE:H	1:101:A:ILE:HD11	5	0.13	0.02	0.13
(29,790)	1:101:A:ILE:H	1:101:A:ILE:HD12	5	0.13	0.02	0.13
(29,790)	1:101:A:ILE:H	1:101:A:ILE:HD13	5	0.13	0.02	0.13
(24,35)	1:117:A:VAL:H	1:113:A:PHE:O	5	0.13	0.01	0.12
(29,261)	1:39:A:VAL:H	1:39:A:VAL:HB	5	0.12	0.01	0.13
(24,2)	1:124:A:THR:OG1	1:127:A:CYS:H	5	0.12	0.02	0.11
(2,1888)	1:18:A:PHE:HA	1:113:A:PHE:HE1	4	1.92	1.46	1.9
(2,1888)	1:18:A:PHE:HA	1:113:A:PHE:HE2	4	1.92	1.46	1.9
(3,1036)	1:34:A:LYS:H	1:81:A:GLU:HB3	4	1.88	1.05	2.28
(4,1005)	1:34:A:LYS:H	1:81:A:GLU:HB3	4	1.88	1.05	2.28
(16,1037)	1:34:A:LYS:H	1:81:A:GLU:HB3	4	1.88	1.05	2.28
(33,1640)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	4	1.78	1.1	1.94
(33,1640)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	4	1.78	1.1	1.94
(33,1640)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	4	1.78	1.1	1.94
(33,1640)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	4	1.78	1.1	1.94
(33,1640)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	4	1.78	1.1	1.94
(33,1640)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	4	1.78	1.1	1.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,1640)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	4	1.78	1.1	1.94
(33,1640)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	4	1.78	1.1	1.94
(33,1640)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	4	1.78	1.1	1.94
(33,953)	1:39:A:VAL:HA	1:140:A:LEU:HD21	4	1.55	0.65	1.62
(33,953)	1:39:A:VAL:HA	1:140:A:LEU:HD22	4	1.55	0.65	1.62
(33,953)	1:39:A:VAL:HA	1:140:A:LEU:HD23	4	1.55	0.65	1.62
(17,938)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	4	1.49	1.6	0.66
(17,938)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	4	1.49	1.6	0.66
(17,938)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	4	1.49	1.6	0.66
(17,938)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	4	1.49	1.6	0.66
(4,924)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	4	1.48	1.63	0.68
(4,924)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	4	1.48	1.63	0.68
(4,924)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	4	1.48	1.63	0.68
(4,924)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	4	1.48	1.63	0.68
(2,1551)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	4	1.45	0.7	1.85
(2,1551)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	4	1.45	0.7	1.85
(2,1551)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	4	1.45	0.7	1.85
(4,1532)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	4	1.45	0.7	1.85
(4,1532)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	4	1.45	0.7	1.85
(4,1532)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	4	1.45	0.7	1.85
(6,1548)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	4	1.45	0.7	1.85
(6,1548)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	4	1.45	0.7	1.85
(6,1548)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	4	1.45	0.7	1.85
(11,1569)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	4	1.45	0.7	1.85
(11,1569)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	4	1.45	0.7	1.85
(11,1569)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	4	1.45	0.7	1.85
(30,1545)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	4	1.45	0.7	1.85
(30,1545)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	4	1.45	0.7	1.85
(30,1545)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	4	1.45	0.7	1.85
(34,1563)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	4	1.45	0.7	1.85
(34,1563)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	4	1.45	0.7	1.85
(34,1563)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	4	1.45	0.7	1.85
(16,981)	1:43:A:MET:HB3	1:134:A:VAL:HG11	4	1.42	0.87	1.27
(16,981)	1:43:A:MET:HB3	1:134:A:VAL:HG12	4	1.42	0.87	1.27
(16,981)	1:43:A:MET:HB3	1:134:A:VAL:HG13	4	1.42	0.87	1.27
(11,936)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	4	1.38	1.6	0.56
(11,936)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	4	1.38	1.6	0.56
(11,936)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	4	1.38	1.6	0.56
(11,936)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	4	1.38	1.6	0.56
(29,586)	1:126:A:GLY:H	1:129:A:LYS:HG2	4	1.36	0.79	1.48
(30,580)	1:126:A:GLY:H	1:129:A:LYS:HG2	4	1.36	0.79	1.48
(16,1009)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	4	1.36	1.12	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1009)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	4	1.36	1.12	0.94
(5,1670)	1:132:A:ALA:HA	1:134:A:VAL:HG11	4	1.34	0.13	1.38
(5,1670)	1:132:A:ALA:HA	1:134:A:VAL:HG12	4	1.34	0.13	1.38
(5,1670)	1:132:A:ALA:HA	1:134:A:VAL:HG13	4	1.34	0.13	1.38
(29,1674)	1:132:A:ALA:HA	1:134:A:VAL:HG11	4	1.34	0.13	1.38
(29,1674)	1:132:A:ALA:HA	1:134:A:VAL:HG12	4	1.34	0.13	1.38
(29,1674)	1:132:A:ALA:HA	1:134:A:VAL:HG13	4	1.34	0.13	1.38
(30,1655)	1:132:A:ALA:HA	1:134:A:VAL:HG11	4	1.34	0.13	1.38
(30,1655)	1:132:A:ALA:HA	1:134:A:VAL:HG12	4	1.34	0.13	1.38
(30,1655)	1:132:A:ALA:HA	1:134:A:VAL:HG13	4	1.34	0.13	1.38
(6,921)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	4	1.34	1.63	0.53
(6,921)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	4	1.34	1.63	0.53
(6,921)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	4	1.34	1.63	0.53
(6,921)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	4	1.34	1.63	0.53
(7,918)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	4	1.34	1.63	0.53
(7,918)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	4	1.34	1.63	0.53
(7,918)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	4	1.34	1.63	0.53
(7,918)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	4	1.34	1.63	0.53
(2,2062)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	4	1.31	1.29	0.71
(2,2062)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	4	1.31	1.29	0.71
(2,2062)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	4	1.31	1.29	0.71
(2,2062)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	4	1.31	1.29	0.71
(2,2062)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	4	1.31	1.29	0.71
(2,2062)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	4	1.31	1.29	0.71
(2,2062)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	4	1.31	1.29	0.71
(2,2062)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	4	1.31	1.29	0.71
(2,2062)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	4	1.31	1.29	0.71
(2,2062)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	4	1.31	1.29	0.71
(2,2062)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	4	1.31	1.29	0.71
(2,2062)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	4	1.31	1.29	0.71
(4,2049)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	4	1.31	1.29	0.71
(4,2049)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	4	1.31	1.29	0.71
(4,2049)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	4	1.31	1.29	0.71
(4,2049)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	4	1.31	1.29	0.71
(4,2049)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	4	1.31	1.29	0.71
(4,2049)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	4	1.31	1.29	0.71
(4,2049)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	4	1.31	1.29	0.71
(4,2049)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	4	1.31	1.29	0.71
(4,2049)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	4	1.31	1.29	0.71
(4,2049)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	4	1.31	1.29	0.71
(4,2049)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	4	1.31	1.29	0.71
(4,2049)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	4	1.31	1.29	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,2019)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	4	1.31	1.29	0.71
(15,2019)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	4	1.31	1.29	0.71
(15,2019)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	4	1.31	1.29	0.71
(15,2019)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	4	1.31	1.29	0.71
(15,2019)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	4	1.31	1.29	0.71
(15,2019)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	4	1.31	1.29	0.71
(15,2019)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	4	1.31	1.29	0.71
(15,2019)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	4	1.31	1.29	0.71
(15,2019)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	4	1.31	1.29	0.71
(15,2019)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	4	1.31	1.29	0.71
(15,2019)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	4	1.31	1.29	0.71
(15,2019)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	4	1.31	1.29	0.71
(1,1868)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	4	1.27	0.13	1.27
(1,1868)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	4	1.27	0.13	1.27
(7,1822)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	4	1.27	0.13	1.27
(7,1822)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	4	1.27	0.13	1.27
(13,1813)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	4	1.27	0.13	1.27
(13,1813)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	4	1.27	0.13	1.27
(18,1841)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	4	1.27	0.13	1.27
(18,1841)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	4	1.27	0.13	1.27
(5,1366)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	4	1.27	0.72	1.36
(5,1366)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	4	1.27	0.72	1.36
(5,1366)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	4	1.27	0.72	1.36
(5,1366)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	4	1.27	0.72	1.36
(5,1366)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	4	1.27	0.72	1.36
(5,1366)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	4	1.27	0.72	1.36
(16,2145)	1:41:A:LYS:HG3	1:44:A:GLU:HG2	4	1.27	0.41	1.38
(16,2145)	1:41:A:LYS:HG3	1:44:A:GLU:HG3	4	1.27	0.41	1.38
(9,1370)	1:132:A:ALA:HA	1:134:A:VAL:HG11	4	1.24	0.13	1.27
(9,1370)	1:132:A:ALA:HA	1:134:A:VAL:HG12	4	1.24	0.13	1.27
(9,1370)	1:132:A:ALA:HA	1:134:A:VAL:HG13	4	1.24	0.13	1.27
(15,1373)	1:132:A:ALA:HA	1:134:A:VAL:HG11	4	1.24	0.13	1.27
(15,1373)	1:132:A:ALA:HA	1:134:A:VAL:HG12	4	1.24	0.13	1.27
(15,1373)	1:132:A:ALA:HA	1:134:A:VAL:HG13	4	1.24	0.13	1.27
(32,1343)	1:132:A:ALA:HA	1:134:A:VAL:HG11	4	1.24	0.13	1.27
(32,1343)	1:132:A:ALA:HA	1:134:A:VAL:HG12	4	1.24	0.13	1.27
(32,1343)	1:132:A:ALA:HA	1:134:A:VAL:HG13	4	1.24	0.13	1.27
(18,939)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	4	1.24	1.6	0.42
(18,939)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	4	1.24	1.6	0.42
(18,939)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	4	1.24	1.6	0.42
(18,939)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	4	1.24	1.6	0.42
(18,2132)	1:41:A:LYS:HG2	1:44:A:GLU:HG2	4	1.23	0.47	1.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,2132)	1:41:A:LYS:HG2	1:44:A:GLU:HG3	4	1.23	0.47	1.42
(18,2132)	1:41:A:LYS:HG3	1:44:A:GLU:HG2	4	1.23	0.47	1.42
(18,2132)	1:41:A:LYS:HG3	1:44:A:GLU:HG3	4	1.23	0.47	1.42
(32,2021)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	4	1.23	1.29	0.63
(32,2021)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	4	1.23	1.29	0.63
(32,2021)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	4	1.23	1.29	0.63
(32,2021)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	4	1.23	1.29	0.63
(32,2021)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	4	1.23	1.29	0.63
(32,2021)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	4	1.23	1.29	0.63
(32,2021)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	4	1.23	1.29	0.63
(32,2021)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	4	1.23	1.29	0.63
(32,2021)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	4	1.23	1.29	0.63
(32,2021)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	4	1.23	1.29	0.63
(32,2021)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	4	1.23	1.29	0.63
(32,2021)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	4	1.23	1.29	0.63
(3,947)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	4	1.21	1.6	0.38
(3,947)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	4	1.21	1.6	0.38
(3,947)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	4	1.21	1.6	0.38
(3,947)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	4	1.21	1.6	0.38
(18,2059)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	4	1.2	0.44	1.38
(18,2059)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	4	1.2	0.44	1.38
(18,2059)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	4	1.2	0.44	1.38
(18,2059)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	4	1.2	0.44	1.38
(18,2059)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	4	1.2	0.44	1.38
(18,2059)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	4	1.2	0.44	1.38
(7,1527)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	4	1.16	1.16	0.58
(7,1527)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	4	1.16	1.16	0.58
(7,1527)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	4	1.16	1.16	0.58
(7,1527)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	4	1.16	1.16	0.58
(7,1527)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	4	1.16	1.16	0.58
(7,1527)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	4	1.16	1.16	0.58
(15,717)	1:45:A:ALA:H	1:48:A:ARG:HE	4	1.16	1.52	0.37
(11,1022)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	4	1.15	1.25	0.6
(11,1022)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	4	1.15	1.25	0.6
(11,1022)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	4	1.15	1.25	0.6
(32,1925)	1:11:A:ILE:HG13	1:44:A:GLU:HG2	4	1.15	0.11	1.14
(32,1925)	1:11:A:ILE:HG13	1:44:A:GLU:HG3	4	1.15	0.11	1.14
(17,369)	1:41:A:LYS:H	1:44:A:GLU:HG2	4	1.15	0.42	1.24
(13,2009)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	4	1.12	1.29	0.53
(13,2009)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	4	1.12	1.29	0.53
(13,2009)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	4	1.12	1.29	0.53
(13,2009)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	4	1.12	1.29	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,2009)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	4	1.12	1.29	0.53
(13,2009)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	4	1.12	1.29	0.53
(13,2009)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	4	1.12	1.29	0.53
(13,2009)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	4	1.12	1.29	0.53
(13,2009)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	4	1.12	1.29	0.53
(13,2009)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	4	1.12	1.29	0.53
(13,2009)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	4	1.12	1.29	0.53
(13,2009)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	4	1.12	1.29	0.53
(30,2046)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	4	1.12	1.29	0.53
(30,2046)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	4	1.12	1.29	0.53
(30,2046)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	4	1.12	1.29	0.53
(30,2046)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	4	1.12	1.29	0.53
(30,2046)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	4	1.12	1.29	0.53
(30,2046)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	4	1.12	1.29	0.53
(30,2046)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	4	1.12	1.29	0.53
(30,2046)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	4	1.12	1.29	0.53
(30,2046)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	4	1.12	1.29	0.53
(30,2046)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	4	1.12	1.29	0.53
(30,2046)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	4	1.12	1.29	0.53
(30,2046)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	4	1.12	1.29	0.53
(15,1610)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	4	1.12	1.25	0.57
(15,1610)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	4	1.12	1.25	0.57
(15,1610)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	4	1.12	1.25	0.57
(2,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	4	1.11	1.25	0.56
(2,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	4	1.11	1.25	0.56
(2,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	4	1.11	1.25	0.56
(29,634)	1:57:A:LEU:H	1:58:A:ILE:HG13	4	1.1	0.49	1.35
(33,1451)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	4	1.1	0.44	1.28
(33,1451)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	4	1.1	0.44	1.28
(33,1451)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	4	1.1	0.44	1.28
(33,1451)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	4	1.1	0.44	1.28
(33,1451)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	4	1.1	0.44	1.28
(33,1451)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	4	1.1	0.44	1.28
(2,2195)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	4	1.1	0.36	1.07
(2,2195)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	4	1.1	0.36	1.07
(2,2195)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	4	1.1	0.36	1.07
(2,2195)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	4	1.1	0.36	1.07
(2,2195)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	4	1.1	0.36	1.07
(2,2195)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	4	1.1	0.36	1.07
(2,2195)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	4	1.1	0.36	1.07
(2,2195)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	4	1.1	0.36	1.07
(2,2195)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	4	1.1	0.36	1.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2195)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	4	1.1	0.36	1.07
(2,2195)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	4	1.1	0.36	1.07
(2,2195)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	4	1.1	0.36	1.07
(2,2195)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	4	1.1	0.36	1.07
(2,2195)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	4	1.1	0.36	1.07
(2,2195)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	4	1.1	0.36	1.07
(2,2195)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	4	1.1	0.36	1.07
(2,2195)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	4	1.1	0.36	1.07
(2,2195)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	4	1.1	0.36	1.07
(34,2023)	1:18:A:PHE:HA	1:117:A:VAL:HG11	4	1.1	0.46	0.84
(34,2023)	1:18:A:PHE:HA	1:117:A:VAL:HG12	4	1.1	0.46	0.84
(34,2023)	1:18:A:PHE:HA	1:117:A:VAL:HG13	4	1.1	0.46	0.84
(34,2023)	1:18:A:PHE:HA	1:117:A:VAL:HG21	4	1.1	0.46	0.84
(34,2023)	1:18:A:PHE:HA	1:117:A:VAL:HG22	4	1.1	0.46	0.84
(34,2023)	1:18:A:PHE:HA	1:117:A:VAL:HG23	4	1.1	0.46	0.84
(6,2150)	1:43:A:MET:HE1	1:131:A:LEU:HD11	4	1.1	0.8	0.82
(6,2150)	1:43:A:MET:HE1	1:131:A:LEU:HD12	4	1.1	0.8	0.82
(6,2150)	1:43:A:MET:HE1	1:131:A:LEU:HD13	4	1.1	0.8	0.82
(6,2150)	1:43:A:MET:HE1	1:131:A:LEU:HD21	4	1.1	0.8	0.82
(6,2150)	1:43:A:MET:HE1	1:131:A:LEU:HD22	4	1.1	0.8	0.82
(6,2150)	1:43:A:MET:HE1	1:131:A:LEU:HD23	4	1.1	0.8	0.82
(6,2150)	1:43:A:MET:HE2	1:131:A:LEU:HD11	4	1.1	0.8	0.82
(6,2150)	1:43:A:MET:HE2	1:131:A:LEU:HD12	4	1.1	0.8	0.82
(6,2150)	1:43:A:MET:HE2	1:131:A:LEU:HD13	4	1.1	0.8	0.82
(6,2150)	1:43:A:MET:HE2	1:131:A:LEU:HD21	4	1.1	0.8	0.82
(6,2150)	1:43:A:MET:HE2	1:131:A:LEU:HD22	4	1.1	0.8	0.82
(6,2150)	1:43:A:MET:HE2	1:131:A:LEU:HD23	4	1.1	0.8	0.82
(6,2150)	1:43:A:MET:HE3	1:131:A:LEU:HD11	4	1.1	0.8	0.82
(6,2150)	1:43:A:MET:HE3	1:131:A:LEU:HD12	4	1.1	0.8	0.82
(6,2150)	1:43:A:MET:HE3	1:131:A:LEU:HD13	4	1.1	0.8	0.82
(6,2150)	1:43:A:MET:HE3	1:131:A:LEU:HD21	4	1.1	0.8	0.82
(6,2150)	1:43:A:MET:HE3	1:131:A:LEU:HD22	4	1.1	0.8	0.82
(6,2150)	1:43:A:MET:HE3	1:131:A:LEU:HD23	4	1.1	0.8	0.82
(7,2122)	1:43:A:MET:HE1	1:131:A:LEU:HD11	4	1.1	0.8	0.82
(7,2122)	1:43:A:MET:HE1	1:131:A:LEU:HD12	4	1.1	0.8	0.82
(7,2122)	1:43:A:MET:HE1	1:131:A:LEU:HD13	4	1.1	0.8	0.82
(7,2122)	1:43:A:MET:HE1	1:131:A:LEU:HD21	4	1.1	0.8	0.82
(7,2122)	1:43:A:MET:HE1	1:131:A:LEU:HD22	4	1.1	0.8	0.82
(7,2122)	1:43:A:MET:HE1	1:131:A:LEU:HD23	4	1.1	0.8	0.82
(7,2122)	1:43:A:MET:HE2	1:131:A:LEU:HD11	4	1.1	0.8	0.82
(7,2122)	1:43:A:MET:HE2	1:131:A:LEU:HD12	4	1.1	0.8	0.82
(7,2122)	1:43:A:MET:HE2	1:131:A:LEU:HD13	4	1.1	0.8	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,2122)	1:43:A:MET:HE2	1:131:A:LEU:HD21	4	1.1	0.8	0.82
(7,2122)	1:43:A:MET:HE2	1:131:A:LEU:HD22	4	1.1	0.8	0.82
(7,2122)	1:43:A:MET:HE2	1:131:A:LEU:HD23	4	1.1	0.8	0.82
(7,2122)	1:43:A:MET:HE3	1:131:A:LEU:HD11	4	1.1	0.8	0.82
(7,2122)	1:43:A:MET:HE3	1:131:A:LEU:HD12	4	1.1	0.8	0.82
(7,2122)	1:43:A:MET:HE3	1:131:A:LEU:HD13	4	1.1	0.8	0.82
(7,2122)	1:43:A:MET:HE3	1:131:A:LEU:HD21	4	1.1	0.8	0.82
(7,2122)	1:43:A:MET:HE3	1:131:A:LEU:HD22	4	1.1	0.8	0.82
(7,2122)	1:43:A:MET:HE3	1:131:A:LEU:HD23	4	1.1	0.8	0.82
(9,2126)	1:43:A:MET:HE1	1:131:A:LEU:HD11	4	1.1	0.8	0.82
(9,2126)	1:43:A:MET:HE1	1:131:A:LEU:HD12	4	1.1	0.8	0.82
(9,2126)	1:43:A:MET:HE1	1:131:A:LEU:HD13	4	1.1	0.8	0.82
(9,2126)	1:43:A:MET:HE1	1:131:A:LEU:HD21	4	1.1	0.8	0.82
(9,2126)	1:43:A:MET:HE1	1:131:A:LEU:HD22	4	1.1	0.8	0.82
(9,2126)	1:43:A:MET:HE1	1:131:A:LEU:HD23	4	1.1	0.8	0.82
(9,2126)	1:43:A:MET:HE2	1:131:A:LEU:HD11	4	1.1	0.8	0.82
(9,2126)	1:43:A:MET:HE2	1:131:A:LEU:HD12	4	1.1	0.8	0.82
(9,2126)	1:43:A:MET:HE2	1:131:A:LEU:HD13	4	1.1	0.8	0.82
(9,2126)	1:43:A:MET:HE2	1:131:A:LEU:HD21	4	1.1	0.8	0.82
(9,2126)	1:43:A:MET:HE2	1:131:A:LEU:HD22	4	1.1	0.8	0.82
(9,2126)	1:43:A:MET:HE2	1:131:A:LEU:HD23	4	1.1	0.8	0.82
(9,2126)	1:43:A:MET:HE3	1:131:A:LEU:HD11	4	1.1	0.8	0.82
(9,2126)	1:43:A:MET:HE3	1:131:A:LEU:HD12	4	1.1	0.8	0.82
(9,2126)	1:43:A:MET:HE3	1:131:A:LEU:HD13	4	1.1	0.8	0.82
(9,2126)	1:43:A:MET:HE3	1:131:A:LEU:HD21	4	1.1	0.8	0.82
(9,2126)	1:43:A:MET:HE3	1:131:A:LEU:HD22	4	1.1	0.8	0.82
(9,2126)	1:43:A:MET:HE3	1:131:A:LEU:HD23	4	1.1	0.8	0.82
(16,2152)	1:43:A:MET:HE1	1:131:A:LEU:HD11	4	1.1	0.8	0.82
(16,2152)	1:43:A:MET:HE1	1:131:A:LEU:HD12	4	1.1	0.8	0.82
(16,2152)	1:43:A:MET:HE1	1:131:A:LEU:HD13	4	1.1	0.8	0.82
(16,2152)	1:43:A:MET:HE1	1:131:A:LEU:HD21	4	1.1	0.8	0.82
(16,2152)	1:43:A:MET:HE1	1:131:A:LEU:HD22	4	1.1	0.8	0.82
(16,2152)	1:43:A:MET:HE1	1:131:A:LEU:HD23	4	1.1	0.8	0.82
(16,2152)	1:43:A:MET:HE2	1:131:A:LEU:HD11	4	1.1	0.8	0.82
(16,2152)	1:43:A:MET:HE2	1:131:A:LEU:HD12	4	1.1	0.8	0.82
(16,2152)	1:43:A:MET:HE2	1:131:A:LEU:HD13	4	1.1	0.8	0.82
(16,2152)	1:43:A:MET:HE2	1:131:A:LEU:HD21	4	1.1	0.8	0.82
(16,2152)	1:43:A:MET:HE2	1:131:A:LEU:HD22	4	1.1	0.8	0.82
(16,2152)	1:43:A:MET:HE2	1:131:A:LEU:HD23	4	1.1	0.8	0.82
(16,2152)	1:43:A:MET:HE3	1:131:A:LEU:HD11	4	1.1	0.8	0.82
(16,2152)	1:43:A:MET:HE3	1:131:A:LEU:HD12	4	1.1	0.8	0.82
(16,2152)	1:43:A:MET:HE3	1:131:A:LEU:HD13	4	1.1	0.8	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,2152)	1:43:A:MET:HE3	1:131:A:LEU:HD21	4	1.1	0.8	0.82
(16,2152)	1:43:A:MET:HE3	1:131:A:LEU:HD22	4	1.1	0.8	0.82
(16,2152)	1:43:A:MET:HE3	1:131:A:LEU:HD23	4	1.1	0.8	0.82
(18,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD11	4	1.1	0.8	0.82
(18,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD12	4	1.1	0.8	0.82
(18,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD13	4	1.1	0.8	0.82
(18,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD21	4	1.1	0.8	0.82
(18,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD22	4	1.1	0.8	0.82
(18,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD23	4	1.1	0.8	0.82
(18,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD11	4	1.1	0.8	0.82
(18,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD12	4	1.1	0.8	0.82
(18,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD13	4	1.1	0.8	0.82
(18,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD21	4	1.1	0.8	0.82
(18,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD22	4	1.1	0.8	0.82
(18,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD23	4	1.1	0.8	0.82
(18,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD11	4	1.1	0.8	0.82
(18,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD12	4	1.1	0.8	0.82
(18,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD13	4	1.1	0.8	0.82
(18,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD21	4	1.1	0.8	0.82
(18,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD22	4	1.1	0.8	0.82
(18,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD23	4	1.1	0.8	0.82
(29,2157)	1:43:A:MET:HE1	1:131:A:LEU:HD11	4	1.1	0.8	0.82
(29,2157)	1:43:A:MET:HE1	1:131:A:LEU:HD12	4	1.1	0.8	0.82
(29,2157)	1:43:A:MET:HE1	1:131:A:LEU:HD13	4	1.1	0.8	0.82
(29,2157)	1:43:A:MET:HE1	1:131:A:LEU:HD21	4	1.1	0.8	0.82
(29,2157)	1:43:A:MET:HE1	1:131:A:LEU:HD22	4	1.1	0.8	0.82
(29,2157)	1:43:A:MET:HE1	1:131:A:LEU:HD23	4	1.1	0.8	0.82
(29,2157)	1:43:A:MET:HE2	1:131:A:LEU:HD11	4	1.1	0.8	0.82
(29,2157)	1:43:A:MET:HE2	1:131:A:LEU:HD12	4	1.1	0.8	0.82
(29,2157)	1:43:A:MET:HE2	1:131:A:LEU:HD13	4	1.1	0.8	0.82
(29,2157)	1:43:A:MET:HE2	1:131:A:LEU:HD21	4	1.1	0.8	0.82
(29,2157)	1:43:A:MET:HE2	1:131:A:LEU:HD22	4	1.1	0.8	0.82
(29,2157)	1:43:A:MET:HE2	1:131:A:LEU:HD23	4	1.1	0.8	0.82
(29,2157)	1:43:A:MET:HE3	1:131:A:LEU:HD11	4	1.1	0.8	0.82
(29,2157)	1:43:A:MET:HE3	1:131:A:LEU:HD12	4	1.1	0.8	0.82
(29,2157)	1:43:A:MET:HE3	1:131:A:LEU:HD13	4	1.1	0.8	0.82
(29,2157)	1:43:A:MET:HE3	1:131:A:LEU:HD21	4	1.1	0.8	0.82
(29,2157)	1:43:A:MET:HE3	1:131:A:LEU:HD22	4	1.1	0.8	0.82
(29,2157)	1:43:A:MET:HE3	1:131:A:LEU:HD23	4	1.1	0.8	0.82
(32,2136)	1:43:A:MET:HE1	1:131:A:LEU:HD11	4	1.1	0.8	0.82
(32,2136)	1:43:A:MET:HE1	1:131:A:LEU:HD12	4	1.1	0.8	0.82
(32,2136)	1:43:A:MET:HE1	1:131:A:LEU:HD13	4	1.1	0.8	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,2136)	1:43:A:MET:HE1	1:131:A:LEU:HD21	4	1.1	0.8	0.82
(32,2136)	1:43:A:MET:HE1	1:131:A:LEU:HD22	4	1.1	0.8	0.82
(32,2136)	1:43:A:MET:HE1	1:131:A:LEU:HD23	4	1.1	0.8	0.82
(32,2136)	1:43:A:MET:HE2	1:131:A:LEU:HD11	4	1.1	0.8	0.82
(32,2136)	1:43:A:MET:HE2	1:131:A:LEU:HD12	4	1.1	0.8	0.82
(32,2136)	1:43:A:MET:HE2	1:131:A:LEU:HD13	4	1.1	0.8	0.82
(32,2136)	1:43:A:MET:HE2	1:131:A:LEU:HD21	4	1.1	0.8	0.82
(32,2136)	1:43:A:MET:HE2	1:131:A:LEU:HD22	4	1.1	0.8	0.82
(32,2136)	1:43:A:MET:HE2	1:131:A:LEU:HD23	4	1.1	0.8	0.82
(32,2136)	1:43:A:MET:HE3	1:131:A:LEU:HD11	4	1.1	0.8	0.82
(32,2136)	1:43:A:MET:HE3	1:131:A:LEU:HD12	4	1.1	0.8	0.82
(32,2136)	1:43:A:MET:HE3	1:131:A:LEU:HD13	4	1.1	0.8	0.82
(32,2136)	1:43:A:MET:HE3	1:131:A:LEU:HD21	4	1.1	0.8	0.82
(32,2136)	1:43:A:MET:HE3	1:131:A:LEU:HD22	4	1.1	0.8	0.82
(32,2136)	1:43:A:MET:HE3	1:131:A:LEU:HD23	4	1.1	0.8	0.82
(6,2030)	1:18:A:PHE:HA	1:117:A:VAL:HG11	4	1.09	0.46	0.84
(6,2030)	1:18:A:PHE:HA	1:117:A:VAL:HG12	4	1.09	0.46	0.84
(6,2030)	1:18:A:PHE:HA	1:117:A:VAL:HG13	4	1.09	0.46	0.84
(6,2030)	1:18:A:PHE:HA	1:117:A:VAL:HG21	4	1.09	0.46	0.84
(6,2030)	1:18:A:PHE:HA	1:117:A:VAL:HG22	4	1.09	0.46	0.84
(6,2030)	1:18:A:PHE:HA	1:117:A:VAL:HG23	4	1.09	0.46	0.84
(11,1837)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	4	1.09	0.9	1.02
(11,1837)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	4	1.09	0.9	1.02
(34,1819)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	4	1.09	0.9	1.02
(34,1819)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	4	1.09	0.9	1.02
(6,1449)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	4	1.08	0.57	1.18
(6,1449)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	4	1.08	0.57	1.18
(6,1449)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	4	1.08	0.57	1.18
(4,1117)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	4	1.08	1.16	0.5
(4,1117)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	4	1.08	1.16	0.5
(4,1117)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	4	1.08	1.16	0.5
(4,1117)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	4	1.08	1.16	0.5
(4,1117)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	4	1.08	1.16	0.5
(4,1117)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	4	1.08	1.16	0.5
(16,1643)	1:132:A:ALA:HA	1:134:A:VAL:HG11	4	1.07	0.13	1.1
(16,1643)	1:132:A:ALA:HA	1:134:A:VAL:HG12	4	1.07	0.13	1.1
(16,1643)	1:132:A:ALA:HA	1:134:A:VAL:HG13	4	1.07	0.13	1.1
(17,1392)	1:132:A:ALA:HA	1:134:A:VAL:HG11	4	1.07	0.13	1.1
(17,1392)	1:132:A:ALA:HA	1:134:A:VAL:HG12	4	1.07	0.13	1.1
(17,1392)	1:132:A:ALA:HA	1:134:A:VAL:HG13	4	1.07	0.13	1.1
(15,1840)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	4	1.05	0.13	1.04
(15,1840)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	4	1.05	0.13	1.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1998)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	4	1.03	0.61	1.01
(4,1998)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	4	1.03	0.61	1.01
(4,1998)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	4	1.03	0.61	1.01
(4,1998)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	4	1.03	0.61	1.01
(4,1998)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	4	1.03	0.61	1.01
(4,1998)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	4	1.03	0.61	1.01
(4,1998)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	4	1.03	0.61	1.01
(4,1998)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	4	1.03	0.61	1.01
(4,1998)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	4	1.03	0.61	1.01
(4,1998)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	4	1.03	0.61	1.01
(4,1998)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	4	1.03	0.61	1.01
(4,1998)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	4	1.03	0.61	1.01
(4,1998)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	4	1.03	0.61	1.01
(4,1998)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	4	1.03	0.61	1.01
(4,1998)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	4	1.03	0.61	1.01
(4,1998)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	4	1.03	0.61	1.01
(4,1998)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	4	1.03	0.61	1.01
(4,1998)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	4	1.03	0.61	1.01
(5,1277)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	4	1.03	0.59	1.08
(5,1277)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	4	1.03	0.59	1.08
(5,1277)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	4	1.03	0.59	1.08
(5,1277)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	4	1.03	0.59	1.08
(5,1277)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	4	1.03	0.59	1.08
(5,1277)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	4	1.03	0.59	1.08
(29,1278)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	4	1.03	0.59	1.08
(29,1278)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	4	1.03	0.59	1.08
(29,1278)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	4	1.03	0.59	1.08
(29,1278)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	4	1.03	0.59	1.08
(29,1278)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	4	1.03	0.59	1.08
(29,1278)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	4	1.03	0.59	1.08
(34,1293)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	4	1.03	0.59	1.08
(34,1293)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	4	1.03	0.59	1.08
(34,1293)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	4	1.03	0.59	1.08
(34,1293)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	4	1.03	0.59	1.08
(34,1293)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	4	1.03	0.59	1.08
(34,1293)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	4	1.03	0.59	1.08
(3,1476)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	4	1.03	0.57	1.12
(3,1476)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	4	1.03	0.57	1.12
(3,1476)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	4	1.03	0.57	1.12
(1,701)	1:54:A:ARG:HD2	1:56:A:CYS:H	4	1.0	0.21	1.06
(1,701)	1:54:A:ARG:HD3	1:56:A:CYS:H	4	1.0	0.21	1.06
(3,698)	1:54:A:ARG:HD2	1:56:A:CYS:H	4	1.0	0.21	1.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,698)	1:54:A:ARG:HD3	1:56:A:CYS:H	4	1.0	0.21	1.06
(4,683)	1:54:A:ARG:HD2	1:56:A:CYS:H	4	1.0	0.21	1.06
(4,683)	1:54:A:ARG:HD3	1:56:A:CYS:H	4	1.0	0.21	1.06
(5,692)	1:54:A:ARG:HD2	1:56:A:CYS:H	4	1.0	0.21	1.06
(5,692)	1:54:A:ARG:HD3	1:56:A:CYS:H	4	1.0	0.21	1.06
(6,687)	1:54:A:ARG:HD2	1:56:A:CYS:H	4	1.0	0.21	1.06
(6,687)	1:54:A:ARG:HD3	1:56:A:CYS:H	4	1.0	0.21	1.06
(7,688)	1:54:A:ARG:HD2	1:56:A:CYS:H	4	1.0	0.21	1.06
(7,688)	1:54:A:ARG:HD3	1:56:A:CYS:H	4	1.0	0.21	1.06
(11,692)	1:54:A:ARG:HD2	1:56:A:CYS:H	4	1.0	0.21	1.06
(11,692)	1:54:A:ARG:HD3	1:56:A:CYS:H	4	1.0	0.21	1.06
(13,678)	1:54:A:ARG:HD2	1:56:A:CYS:H	4	1.0	0.21	1.06
(13,678)	1:54:A:ARG:HD3	1:56:A:CYS:H	4	1.0	0.21	1.06
(16,700)	1:54:A:ARG:HD2	1:56:A:CYS:H	4	1.0	0.21	1.06
(16,700)	1:54:A:ARG:HD3	1:56:A:CYS:H	4	1.0	0.21	1.06
(17,692)	1:54:A:ARG:HD2	1:56:A:CYS:H	4	1.0	0.21	1.06
(17,692)	1:54:A:ARG:HD3	1:56:A:CYS:H	4	1.0	0.21	1.06
(18,706)	1:54:A:ARG:HD2	1:56:A:CYS:H	4	1.0	0.21	1.06
(18,706)	1:54:A:ARG:HD3	1:56:A:CYS:H	4	1.0	0.21	1.06
(29,700)	1:54:A:ARG:HD2	1:56:A:CYS:H	4	1.0	0.21	1.06
(29,700)	1:54:A:ARG:HD3	1:56:A:CYS:H	4	1.0	0.21	1.06
(30,693)	1:54:A:ARG:HD2	1:56:A:CYS:H	4	1.0	0.21	1.06
(30,693)	1:54:A:ARG:HD3	1:56:A:CYS:H	4	1.0	0.21	1.06
(33,691)	1:54:A:ARG:HD2	1:56:A:CYS:H	4	1.0	0.21	1.06
(33,691)	1:54:A:ARG:HD3	1:56:A:CYS:H	4	1.0	0.21	1.06
(34,701)	1:54:A:ARG:HD2	1:56:A:CYS:H	4	1.0	0.21	1.06
(34,701)	1:54:A:ARG:HD3	1:56:A:CYS:H	4	1.0	0.21	1.06
(1,2187)	1:60:A:LEU:HG	1:131:A:LEU:HD11	4	0.99	0.76	0.88
(1,2187)	1:60:A:LEU:HG	1:131:A:LEU:HD12	4	0.99	0.76	0.88
(1,2187)	1:60:A:LEU:HG	1:131:A:LEU:HD13	4	0.99	0.76	0.88
(1,2187)	1:60:A:LEU:HG	1:131:A:LEU:HD21	4	0.99	0.76	0.88
(1,2187)	1:60:A:LEU:HG	1:131:A:LEU:HD22	4	0.99	0.76	0.88
(1,2187)	1:60:A:LEU:HG	1:131:A:LEU:HD23	4	0.99	0.76	0.88
(32,1845)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	4	0.98	0.65	0.96
(32,1845)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	4	0.98	0.65	0.96
(32,1845)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	4	0.98	0.65	0.96
(32,1845)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	4	0.98	0.65	0.96
(32,1845)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	4	0.98	0.65	0.96
(32,1845)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	4	0.98	0.65	0.96
(32,2166)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	4	0.97	0.36	0.94
(32,2166)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	4	0.97	0.36	0.94
(32,2166)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	4	0.97	0.36	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,2166)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	4	0.97	0.36	0.94
(32,2166)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	4	0.97	0.36	0.94
(32,2166)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	4	0.97	0.36	0.94
(32,2166)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	4	0.97	0.36	0.94
(32,2166)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	4	0.97	0.36	0.94
(32,2166)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	4	0.97	0.36	0.94
(32,2166)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	4	0.97	0.36	0.94
(32,2166)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	4	0.97	0.36	0.94
(32,2166)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	4	0.97	0.36	0.94
(32,2166)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	4	0.97	0.36	0.94
(32,2166)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	4	0.97	0.36	0.94
(32,2166)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	4	0.97	0.36	0.94
(32,2166)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	4	0.97	0.36	0.94
(32,2166)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	4	0.97	0.36	0.94
(32,2166)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	4	0.97	0.36	0.94
(1,1987)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	4	0.96	0.61	0.94
(1,1987)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	4	0.96	0.61	0.94
(1,1987)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	4	0.96	0.61	0.94
(1,1987)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	4	0.96	0.61	0.94
(1,1987)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	4	0.96	0.61	0.94
(1,1987)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	4	0.96	0.61	0.94
(1,1987)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	4	0.96	0.61	0.94
(1,1987)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	4	0.96	0.61	0.94
(1,1987)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	4	0.96	0.61	0.94
(1,1987)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	4	0.96	0.61	0.94
(1,1987)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	4	0.96	0.61	0.94
(1,1987)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	4	0.96	0.61	0.94
(1,1987)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	4	0.96	0.61	0.94
(1,1987)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	4	0.96	0.61	0.94
(1,1987)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	4	0.96	0.61	0.94
(1,1987)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	4	0.96	0.61	0.94
(1,1987)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	4	0.96	0.61	0.94
(1,1987)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	4	0.96	0.61	0.94
(18,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	4	0.96	0.61	0.94
(18,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	4	0.96	0.61	0.94
(18,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	4	0.96	0.61	0.94
(18,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	4	0.96	0.61	0.94
(18,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	4	0.96	0.61	0.94
(18,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	4	0.96	0.61	0.94
(18,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	4	0.96	0.61	0.94
(18,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	4	0.96	0.61	0.94
(18,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	4	0.96	0.61	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	4	0.96	0.61	0.94
(18,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	4	0.96	0.61	0.94
(18,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	4	0.96	0.61	0.94
(18,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	4	0.96	0.61	0.94
(18,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	4	0.96	0.61	0.94
(18,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	4	0.96	0.61	0.94
(18,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	4	0.96	0.61	0.94
(18,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	4	0.96	0.61	0.94
(18,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	4	0.96	0.61	0.94
(1,2078)	1:35:A:LEU:HD11	1:144:A:LEU:H	4	0.96	0.59	0.86
(1,2078)	1:35:A:LEU:HD12	1:144:A:LEU:H	4	0.96	0.59	0.86
(1,2078)	1:35:A:LEU:HD13	1:144:A:LEU:H	4	0.96	0.59	0.86
(1,2078)	1:35:A:LEU:HD21	1:144:A:LEU:H	4	0.96	0.59	0.86
(1,2078)	1:35:A:LEU:HD22	1:144:A:LEU:H	4	0.96	0.59	0.86
(1,2078)	1:35:A:LEU:HD23	1:144:A:LEU:H	4	0.96	0.59	0.86
(15,1709)	1:13:A:ALA:HA	1:79:A:THR:HG21	4	0.95	0.9	0.57
(15,1709)	1:13:A:ALA:HA	1:79:A:THR:HG22	4	0.95	0.9	0.57
(15,1709)	1:13:A:ALA:HA	1:79:A:THR:HG23	4	0.95	0.9	0.57
(30,1726)	1:13:A:ALA:HA	1:79:A:THR:HG21	4	0.95	0.9	0.57
(30,1726)	1:13:A:ALA:HA	1:79:A:THR:HG22	4	0.95	0.9	0.57
(30,1726)	1:13:A:ALA:HA	1:79:A:THR:HG23	4	0.95	0.9	0.57
(34,1730)	1:13:A:ALA:HA	1:79:A:THR:HG21	4	0.95	0.9	0.57
(34,1730)	1:13:A:ALA:HA	1:79:A:THR:HG22	4	0.95	0.9	0.57
(34,1730)	1:13:A:ALA:HA	1:79:A:THR:HG23	4	0.95	0.9	0.57
(5,1515)	1:114:A:ILE:HG21	1:117:A:VAL:HB	4	0.95	0.69	0.97
(5,1515)	1:114:A:ILE:HG22	1:117:A:VAL:HB	4	0.95	0.69	0.97
(5,1515)	1:114:A:ILE:HG23	1:117:A:VAL:HB	4	0.95	0.69	0.97
(9,1493)	1:114:A:ILE:HG21	1:117:A:VAL:HB	4	0.95	0.69	0.97
(9,1493)	1:114:A:ILE:HG22	1:117:A:VAL:HB	4	0.95	0.69	0.97
(9,1493)	1:114:A:ILE:HG23	1:117:A:VAL:HB	4	0.95	0.69	0.97
(11,1519)	1:114:A:ILE:HG21	1:117:A:VAL:HB	4	0.95	0.69	0.97
(11,1519)	1:114:A:ILE:HG22	1:117:A:VAL:HB	4	0.95	0.69	0.97
(11,1519)	1:114:A:ILE:HG23	1:117:A:VAL:HB	4	0.95	0.69	0.97
(13,1472)	1:114:A:ILE:HG21	1:117:A:VAL:HB	4	0.95	0.69	0.97
(13,1472)	1:114:A:ILE:HG22	1:117:A:VAL:HB	4	0.95	0.69	0.97
(13,1472)	1:114:A:ILE:HG23	1:117:A:VAL:HB	4	0.95	0.69	0.97
(18,1488)	1:114:A:ILE:HG21	1:117:A:VAL:HB	4	0.95	0.69	0.97
(18,1488)	1:114:A:ILE:HG22	1:117:A:VAL:HB	4	0.95	0.69	0.97
(18,1488)	1:114:A:ILE:HG23	1:117:A:VAL:HB	4	0.95	0.69	0.97
(33,1489)	1:114:A:ILE:HG21	1:117:A:VAL:HB	4	0.95	0.69	0.97
(33,1489)	1:114:A:ILE:HG22	1:117:A:VAL:HB	4	0.95	0.69	0.97
(33,1489)	1:114:A:ILE:HG23	1:117:A:VAL:HB	4	0.95	0.69	0.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,295)	1:140:A:LEU:H	1:140:A:LEU:HD21	4	0.91	0.14	0.96
(33,295)	1:140:A:LEU:H	1:140:A:LEU:HD22	4	0.91	0.14	0.96
(33,295)	1:140:A:LEU:H	1:140:A:LEU:HD23	4	0.91	0.14	0.96
(34,2291)	1:96:A:VAL:HG11	1:116:A:GLN:HG2	4	0.9	0.8	0.8
(34,2291)	1:96:A:VAL:HG12	1:116:A:GLN:HG2	4	0.9	0.8	0.8
(34,2291)	1:96:A:VAL:HG13	1:116:A:GLN:HG2	4	0.9	0.8	0.8
(34,2291)	1:96:A:VAL:HG21	1:116:A:GLN:HG2	4	0.9	0.8	0.8
(34,2291)	1:96:A:VAL:HG22	1:116:A:GLN:HG2	4	0.9	0.8	0.8
(34,2291)	1:96:A:VAL:HG23	1:116:A:GLN:HG2	4	0.9	0.8	0.8
(13,2126)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	4	0.89	0.36	0.86
(13,2126)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	4	0.89	0.36	0.86
(13,2126)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	4	0.89	0.36	0.86
(13,2126)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	4	0.89	0.36	0.86
(13,2126)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	4	0.89	0.36	0.86
(13,2126)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	4	0.89	0.36	0.86
(13,2126)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	4	0.89	0.36	0.86
(13,2126)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	4	0.89	0.36	0.86
(13,2126)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	4	0.89	0.36	0.86
(13,2126)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	4	0.89	0.36	0.86
(13,2126)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	4	0.89	0.36	0.86
(13,2126)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	4	0.89	0.36	0.86
(13,2126)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	4	0.89	0.36	0.86
(13,2126)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	4	0.89	0.36	0.86
(13,2126)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	4	0.89	0.36	0.86
(13,2126)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	4	0.89	0.36	0.86
(13,2126)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	4	0.89	0.36	0.86
(13,2126)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	4	0.89	0.36	0.86
(9,383)	1:41:A:LYS:H	1:44:A:GLU:HG2	4	0.88	0.42	0.97
(34,381)	1:41:A:LYS:H	1:44:A:GLU:HG2	4	0.88	0.42	0.97
(7,2185)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	4	0.88	0.5	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,2185)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	4	0.88	0.5	0.79
(7,2185)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	4	0.88	0.5	0.79
(29,373)	1:41:A:LYS:H	1:44:A:GLU:HG2	4	0.87	0.42	0.96
(11,1456)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	4	0.87	0.66	0.86
(11,1456)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	4	0.87	0.66	0.86
(11,1456)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	4	0.87	0.66	0.86
(34,1451)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	4	0.87	0.66	0.86
(34,1451)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	4	0.87	0.66	0.86
(34,1451)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	4	0.87	0.66	0.86
(11,1624)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	4	0.86	0.39	0.91
(11,1624)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	4	0.86	0.39	0.91
(11,1624)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	4	0.86	0.39	0.91
(11,1624)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	4	0.86	0.39	0.91
(11,1624)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	4	0.86	0.39	0.91
(11,1624)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	4	0.86	0.39	0.91
(11,1624)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	4	0.86	0.39	0.91
(11,1624)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	4	0.86	0.39	0.91
(11,1624)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	4	0.86	0.39	0.91
(30,1596)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	4	0.86	0.39	0.91
(30,1596)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	4	0.86	0.39	0.91
(30,1596)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	4	0.86	0.39	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,1596)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	4	0.86	0.39	0.91
(30,1596)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	4	0.86	0.39	0.91
(30,1596)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	4	0.86	0.39	0.91
(30,1596)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	4	0.86	0.39	0.91
(30,1596)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	4	0.86	0.39	0.91
(30,1596)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	4	0.86	0.39	0.91
(29,1895)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	4	0.85	0.55	0.6
(29,1895)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	4	0.85	0.55	0.6
(33,1877)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	4	0.85	0.55	0.6
(33,1877)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	4	0.85	0.55	0.6
(11,712)	1:45:A:ALA:HB1	1:48:A:ARG:HE	4	0.84	1.0	0.34
(11,712)	1:45:A:ALA:HB2	1:48:A:ARG:HE	4	0.84	1.0	0.34
(11,712)	1:45:A:ALA:HB3	1:48:A:ARG:HE	4	0.84	1.0	0.34
(29,719)	1:45:A:ALA:HB1	1:48:A:ARG:HE	4	0.84	1.0	0.34
(29,719)	1:45:A:ALA:HB2	1:48:A:ARG:HE	4	0.84	1.0	0.34
(29,719)	1:45:A:ALA:HB3	1:48:A:ARG:HE	4	0.84	1.0	0.34
(30,708)	1:45:A:ALA:HB1	1:48:A:ARG:HE	4	0.84	1.0	0.34
(30,708)	1:45:A:ALA:HB2	1:48:A:ARG:HE	4	0.84	1.0	0.34
(30,708)	1:45:A:ALA:HB3	1:48:A:ARG:HE	4	0.84	1.0	0.34
(34,720)	1:45:A:ALA:HB1	1:48:A:ARG:HE	4	0.84	1.0	0.34
(34,720)	1:45:A:ALA:HB2	1:48:A:ARG:HE	4	0.84	1.0	0.34
(34,720)	1:45:A:ALA:HB3	1:48:A:ARG:HE	4	0.84	1.0	0.34
(1,1572)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	4	0.84	0.65	0.82
(1,1572)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	4	0.84	0.65	0.82
(1,1572)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	4	0.84	0.65	0.82
(1,1572)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	4	0.84	0.65	0.82
(1,1572)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	4	0.84	0.65	0.82
(1,1572)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	4	0.84	0.65	0.82
(3,1593)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	4	0.84	0.65	0.82
(3,1593)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	4	0.84	0.65	0.82
(3,1593)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	4	0.84	0.65	0.82
(3,1593)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	4	0.84	0.65	0.82
(3,1593)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	4	0.84	0.65	0.82
(3,1593)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	4	0.84	0.65	0.82
(4,1544)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	4	0.84	0.65	0.82
(4,1544)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	4	0.84	0.65	0.82
(4,1544)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	4	0.84	0.65	0.82
(4,1544)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	4	0.84	0.65	0.82
(4,1544)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	4	0.84	0.65	0.82
(4,1544)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	4	0.84	0.65	0.82
(6,1562)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	4	0.84	0.65	0.82
(6,1562)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	4	0.84	0.65	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,1562)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	4	0.84	0.65	0.82
(6,1562)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	4	0.84	0.65	0.82
(6,1562)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	4	0.84	0.65	0.82
(6,1562)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	4	0.84	0.65	0.82
(7,1537)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	4	0.84	0.65	0.82
(7,1537)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	4	0.84	0.65	0.82
(7,1537)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	4	0.84	0.65	0.82
(7,1537)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	4	0.84	0.65	0.82
(7,1537)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	4	0.84	0.65	0.82
(7,1537)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	4	0.84	0.65	0.82
(15,1554)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	4	0.84	0.65	0.82
(15,1554)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	4	0.84	0.65	0.82
(15,1554)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	4	0.84	0.65	0.82
(15,1554)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	4	0.84	0.65	0.82
(15,1554)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	4	0.84	0.65	0.82
(15,1554)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	4	0.84	0.65	0.82
(17,1581)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	4	0.84	0.65	0.82
(17,1581)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	4	0.84	0.65	0.82
(17,1581)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	4	0.84	0.65	0.82
(17,1581)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	4	0.84	0.65	0.82
(17,1581)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	4	0.84	0.65	0.82
(17,1581)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	4	0.84	0.65	0.82
(29,1572)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	4	0.84	0.65	0.82
(29,1572)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	4	0.84	0.65	0.82
(29,1572)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	4	0.84	0.65	0.82
(29,1572)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	4	0.84	0.65	0.82
(29,1572)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	4	0.84	0.65	0.82
(29,1572)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	4	0.84	0.65	0.82
(33,1550)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	4	0.84	0.65	0.82
(33,1550)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	4	0.84	0.65	0.82
(33,1550)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	4	0.84	0.65	0.82
(33,1550)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	4	0.84	0.65	0.82
(33,1550)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	4	0.84	0.65	0.82
(33,1550)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	4	0.84	0.65	0.82
(1,1359)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	4	0.84	0.22	0.79
(1,1359)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	4	0.84	0.22	0.79
(1,1359)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	4	0.84	0.22	0.79
(29,1363)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	4	0.84	0.22	0.79
(29,1363)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	4	0.84	0.22	0.79
(29,1363)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	4	0.84	0.22	0.79
(3,376)	1:41:A:LYS:H	1:44:A:GLU:HG2	4	0.83	0.42	0.92
(11,378)	1:41:A:LYS:H	1:44:A:GLU:HG2	4	0.83	0.42	0.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,375)	1:41:A:LYS:H	1:44:A:GLU:HG2	4	0.83	0.42	0.92
(15,1962)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	4	0.82	0.31	0.8
(15,1962)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	4	0.82	0.31	0.8
(15,1962)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	4	0.82	0.31	0.8
(15,1962)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	4	0.82	0.31	0.8
(15,1962)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	4	0.82	0.31	0.8
(15,1962)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	4	0.82	0.31	0.8
(6,310)	1:43:A:MET:H	1:140:A:LEU:HD11	4	0.82	0.47	0.75
(6,310)	1:43:A:MET:H	1:140:A:LEU:HD12	4	0.82	0.47	0.75
(6,310)	1:43:A:MET:H	1:140:A:LEU:HD13	4	0.82	0.47	0.75
(9,322)	1:43:A:MET:H	1:140:A:LEU:HD11	4	0.82	0.47	0.75
(9,322)	1:43:A:MET:H	1:140:A:LEU:HD12	4	0.82	0.47	0.75
(9,322)	1:43:A:MET:H	1:140:A:LEU:HD13	4	0.82	0.47	0.75
(29,312)	1:43:A:MET:H	1:140:A:LEU:HD11	4	0.82	0.47	0.75
(29,312)	1:43:A:MET:H	1:140:A:LEU:HD12	4	0.82	0.47	0.75
(29,312)	1:43:A:MET:H	1:140:A:LEU:HD13	4	0.82	0.47	0.75
(1,1271)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	4	0.81	0.59	0.86
(1,1271)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	4	0.81	0.59	0.86
(1,1271)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	4	0.81	0.59	0.86
(1,1271)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	4	0.81	0.59	0.86
(1,1271)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	4	0.81	0.59	0.86
(1,1271)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	4	0.81	0.59	0.86
(4,1242)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	4	0.81	0.59	0.86
(4,1242)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	4	0.81	0.59	0.86
(4,1242)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	4	0.81	0.59	0.86
(4,1242)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	4	0.81	0.59	0.86
(4,1242)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	4	0.81	0.59	0.86
(4,1242)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	4	0.81	0.59	0.86
(7,1247)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	4	0.81	0.59	0.86
(7,1247)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	4	0.81	0.59	0.86
(7,1247)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	4	0.81	0.59	0.86
(7,1247)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	4	0.81	0.59	0.86
(7,1247)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	4	0.81	0.59	0.86
(7,1247)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	4	0.81	0.59	0.86
(32,1236)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	4	0.81	0.59	0.86
(32,1236)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	4	0.81	0.59	0.86
(32,1236)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	4	0.81	0.59	0.86
(32,1236)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	4	0.81	0.59	0.86
(32,1236)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	4	0.81	0.59	0.86
(32,1236)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	4	0.81	0.59	0.86
(1,2193)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	4	0.8	0.5	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2193)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	4	0.8	0.5	0.72
(1,2193)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	4	0.8	0.5	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,2234)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	4	0.8	0.5	0.72
(3,2234)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	4	0.8	0.5	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,2187)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	4	0.8	0.5	0.72
(15,2187)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	4	0.8	0.5	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	4	0.8	0.5	0.72
(29,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	4	0.8	0.5	0.72
(2,41)	1:98:A:ILE:H	1:104:A:PHE:HB2	4	0.79	0.2	0.84
(2,41)	1:98:A:ILE:H	1:104:A:PHE:HB3	4	0.79	0.2	0.84
(3,47)	1:98:A:ILE:H	1:104:A:PHE:HB3	4	0.79	0.2	0.84
(6,40)	1:98:A:ILE:H	1:104:A:PHE:HB3	4	0.79	0.2	0.84
(16,43)	1:98:A:ILE:H	1:104:A:PHE:HB2	4	0.79	0.2	0.84
(16,43)	1:98:A:ILE:H	1:104:A:PHE:HB3	4	0.79	0.2	0.84
(18,47)	1:98:A:ILE:H	1:104:A:PHE:HB3	4	0.79	0.2	0.84
(34,45)	1:98:A:ILE:H	1:104:A:PHE:HB2	4	0.79	0.2	0.84
(34,45)	1:98:A:ILE:H	1:104:A:PHE:HB3	4	0.79	0.2	0.84
(15,1169)	1:136:A:CYS:HA	1:140:A:LEU:HD21	4	0.78	0.52	0.68
(15,1169)	1:136:A:CYS:HA	1:140:A:LEU:HD22	4	0.78	0.52	0.68
(15,1169)	1:136:A:CYS:HA	1:140:A:LEU:HD23	4	0.78	0.52	0.68
(17,1179)	1:136:A:CYS:HA	1:140:A:LEU:HD21	4	0.78	0.52	0.68
(17,1179)	1:136:A:CYS:HA	1:140:A:LEU:HD22	4	0.78	0.52	0.68
(17,1179)	1:136:A:CYS:HA	1:140:A:LEU:HD23	4	0.78	0.52	0.68
(33,1237)	1:136:A:CYS:HA	1:140:A:LEU:HD21	4	0.78	0.52	0.68
(33,1237)	1:136:A:CYS:HA	1:140:A:LEU:HD22	4	0.78	0.52	0.68
(33,1237)	1:136:A:CYS:HA	1:140:A:LEU:HD23	4	0.78	0.52	0.68
(4,1878)	1:150:A:THR:H	1:151:A:PHE:HD1	4	0.78	0.52	0.82
(4,1878)	1:150:A:THR:H	1:151:A:PHE:HD2	4	0.78	0.52	0.82
(3,623)	1:26:A:ASP:H	1:30:A:LEU:HD11	4	0.78	0.32	0.84
(3,623)	1:26:A:ASP:H	1:30:A:LEU:HD12	4	0.78	0.32	0.84
(3,623)	1:26:A:ASP:H	1:30:A:LEU:HD13	4	0.78	0.32	0.84
(3,623)	1:26:A:ASP:H	1:30:A:LEU:HD21	4	0.78	0.32	0.84
(3,623)	1:26:A:ASP:H	1:30:A:LEU:HD22	4	0.78	0.32	0.84
(3,623)	1:26:A:ASP:H	1:30:A:LEU:HD23	4	0.78	0.32	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,623)	1:26:A:ASP:H	1:30:A:LEU:HD11	4	0.78	0.32	0.84
(29,623)	1:26:A:ASP:H	1:30:A:LEU:HD12	4	0.78	0.32	0.84
(29,623)	1:26:A:ASP:H	1:30:A:LEU:HD13	4	0.78	0.32	0.84
(29,623)	1:26:A:ASP:H	1:30:A:LEU:HD21	4	0.78	0.32	0.84
(29,623)	1:26:A:ASP:H	1:30:A:LEU:HD22	4	0.78	0.32	0.84
(29,623)	1:26:A:ASP:H	1:30:A:LEU:HD23	4	0.78	0.32	0.84
(2,1562)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	4	0.78	0.49	0.84
(2,1562)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	4	0.78	0.49	0.84
(2,1562)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	4	0.78	0.49	0.84
(6,1239)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	4	0.78	0.24	0.76
(6,1239)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	4	0.78	0.24	0.76
(6,1239)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	4	0.78	0.24	0.76
(6,1239)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	4	0.78	0.24	0.76
(6,1239)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	4	0.78	0.24	0.76
(6,1239)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	4	0.78	0.24	0.76
(29,1190)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	4	0.78	0.51	0.79
(29,1190)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	4	0.78	0.51	0.79
(29,1190)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	4	0.78	0.51	0.79
(16,960)	1:67:A:PRO:HA	1:70:A:LYS:HG2	4	0.77	0.26	0.78
(17,951)	1:67:A:PRO:HA	1:70:A:LYS:HG2	4	0.77	0.26	0.78
(4,2019)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	4	0.77	0.41	0.84
(4,2019)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	4	0.77	0.41	0.84
(4,2019)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	4	0.77	0.41	0.84
(4,2019)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	4	0.77	0.41	0.84
(4,2019)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	4	0.77	0.41	0.84
(4,2019)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	4	0.77	0.41	0.84
(4,2019)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	4	0.77	0.41	0.84
(4,2019)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	4	0.77	0.41	0.84
(4,2019)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	4	0.77	0.41	0.84
(4,2019)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	4	0.77	0.41	0.84
(4,2019)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	4	0.77	0.41	0.84
(4,2019)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	4	0.77	0.41	0.84
(7,1977)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	4	0.77	0.41	0.84
(7,1977)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	4	0.77	0.41	0.84
(7,1977)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	4	0.77	0.41	0.84
(7,1977)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	4	0.77	0.41	0.84
(7,1977)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	4	0.77	0.41	0.84
(7,1977)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	4	0.77	0.41	0.84
(7,1977)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	4	0.77	0.41	0.84
(7,1977)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	4	0.77	0.41	0.84
(7,1977)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	4	0.77	0.41	0.84
(7,1977)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	4	0.77	0.41	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1977)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	4	0.77	0.41	0.84
(7,1977)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	4	0.77	0.41	0.84
(15,2000)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	4	0.77	0.41	0.84
(15,2000)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	4	0.77	0.41	0.84
(15,2000)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	4	0.77	0.41	0.84
(15,2000)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	4	0.77	0.41	0.84
(15,2000)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	4	0.77	0.41	0.84
(15,2000)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	4	0.77	0.41	0.84
(15,2000)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	4	0.77	0.41	0.84
(15,2000)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	4	0.77	0.41	0.84
(15,2000)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	4	0.77	0.41	0.84
(15,2000)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	4	0.77	0.41	0.84
(15,2000)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	4	0.77	0.41	0.84
(15,2000)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	4	0.77	0.41	0.84
(17,2039)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	4	0.77	0.41	0.84
(17,2039)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	4	0.77	0.41	0.84
(17,2039)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	4	0.77	0.41	0.84
(17,2039)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	4	0.77	0.41	0.84
(17,2039)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	4	0.77	0.41	0.84
(17,2039)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	4	0.77	0.41	0.84
(17,2039)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	4	0.77	0.41	0.84
(17,2039)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	4	0.77	0.41	0.84
(17,2039)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	4	0.77	0.41	0.84
(17,2039)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	4	0.77	0.41	0.84
(17,2039)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	4	0.77	0.41	0.84
(17,2039)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	4	0.77	0.41	0.84
(29,2043)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	4	0.77	0.41	0.84
(29,2043)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	4	0.77	0.41	0.84
(29,2043)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	4	0.77	0.41	0.84
(29,2043)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	4	0.77	0.41	0.84
(29,2043)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	4	0.77	0.41	0.84
(29,2043)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	4	0.77	0.41	0.84
(29,2043)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	4	0.77	0.41	0.84
(29,2043)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	4	0.77	0.41	0.84
(29,2043)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	4	0.77	0.41	0.84
(29,2043)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	4	0.77	0.41	0.84
(29,2043)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	4	0.77	0.41	0.84
(29,2043)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	4	0.77	0.41	0.84
(32,1993)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	4	0.77	0.41	0.84
(32,1993)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	4	0.77	0.41	0.84
(32,1993)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	4	0.77	0.41	0.84
(32,1993)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	4	0.77	0.41	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,1993)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	4	0.77	0.41	0.84
(32,1993)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	4	0.77	0.41	0.84
(32,1993)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	4	0.77	0.41	0.84
(32,1993)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	4	0.77	0.41	0.84
(32,1993)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	4	0.77	0.41	0.84
(32,1993)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	4	0.77	0.41	0.84
(32,1993)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	4	0.77	0.41	0.84
(32,1993)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	4	0.77	0.41	0.84
(30,1700)	1:11:A:ILE:HG12	1:57:A:LEU:HB3	4	0.77	0.25	0.75
(29,73)	1:63:A:ILE:HG21	1:117:A:VAL:H	4	0.77	0.55	0.57
(29,73)	1:63:A:ILE:HG22	1:117:A:VAL:H	4	0.77	0.55	0.57
(29,73)	1:63:A:ILE:HG23	1:117:A:VAL:H	4	0.77	0.55	0.57
(1,1068)	1:43:A:MET:HB2	1:140:A:LEU:HG	4	0.76	0.3	0.75
(2,1051)	1:43:A:MET:HB2	1:140:A:LEU:HG	4	0.76	0.3	0.75
(11,1068)	1:43:A:MET:HB2	1:140:A:LEU:HG	4	0.76	0.3	0.75
(15,1062)	1:43:A:MET:HB2	1:140:A:LEU:HG	4	0.76	0.3	0.75
(32,1026)	1:43:A:MET:HB2	1:140:A:LEU:HG	4	0.76	0.3	0.75
(34,1085)	1:43:A:MET:HB2	1:140:A:LEU:HG	4	0.76	0.3	0.75
(33,397)	1:105:A:LYS:HG3	1:106:A:ASP:H	4	0.75	0.13	0.75
(7,2269)	1:98:A:ILE:H	1:104:A:PHE:HB2	4	0.75	0.19	0.78
(7,2269)	1:98:A:ILE:H	1:104:A:PHE:HB3	4	0.75	0.19	0.78
(11,2305)	1:98:A:ILE:H	1:104:A:PHE:HB2	4	0.75	0.19	0.78
(11,2305)	1:98:A:ILE:H	1:104:A:PHE:HB3	4	0.75	0.19	0.78
(13,2266)	1:98:A:ILE:H	1:104:A:PHE:HB2	4	0.75	0.19	0.78
(13,2266)	1:98:A:ILE:H	1:104:A:PHE:HB3	4	0.75	0.19	0.78
(30,2302)	1:98:A:ILE:H	1:104:A:PHE:HB2	4	0.75	0.19	0.78
(30,2302)	1:98:A:ILE:H	1:104:A:PHE:HB3	4	0.75	0.19	0.78
(15,1896)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	4	0.74	0.22	0.7
(15,1896)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	4	0.74	0.22	0.7
(15,1896)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	4	0.74	0.22	0.7
(33,2243)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	4	0.74	0.44	0.8
(33,2243)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	4	0.74	0.44	0.8
(33,2243)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	4	0.74	0.44	0.8
(33,2243)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	4	0.74	0.44	0.8
(32,1955)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	4	0.74	0.31	0.72
(32,1955)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	4	0.74	0.31	0.72
(32,1955)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	4	0.74	0.31	0.72
(32,1955)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	4	0.74	0.31	0.72
(32,1955)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	4	0.74	0.31	0.72
(32,1955)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	4	0.74	0.31	0.72
(11,1107)	1:41:A:LYS:HG3	1:42:A:GLU:HA	4	0.73	1.01	0.16
(17,2161)	1:43:A:MET:HA	1:134:A:VAL:HG11	4	0.73	0.51	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,2161)	1:43:A:MET:HA	1:134:A:VAL:HG12	4	0.73	0.51	0.62
(17,2161)	1:43:A:MET:HA	1:134:A:VAL:HG13	4	0.73	0.51	0.62
(17,2161)	1:43:A:MET:HA	1:134:A:VAL:HG21	4	0.73	0.51	0.62
(17,2161)	1:43:A:MET:HA	1:134:A:VAL:HG22	4	0.73	0.51	0.62
(17,2161)	1:43:A:MET:HA	1:134:A:VAL:HG23	4	0.73	0.51	0.62
(3,1723)	1:11:A:ILE:HG12	1:57:A:LEU:HB3	4	0.73	0.25	0.71
(11,1730)	1:11:A:ILE:HG12	1:57:A:LEU:HB3	4	0.73	0.25	0.71
(13,1662)	1:11:A:ILE:HG12	1:57:A:LEU:HB3	4	0.73	0.25	0.71
(33,1686)	1:11:A:ILE:HG12	1:57:A:LEU:HB3	4	0.73	0.25	0.71
(32,66)	1:63:A:ILE:HG21	1:117:A:VAL:H	4	0.73	0.55	0.54
(32,66)	1:63:A:ILE:HG22	1:117:A:VAL:H	4	0.73	0.55	0.54
(32,66)	1:63:A:ILE:HG23	1:117:A:VAL:H	4	0.73	0.55	0.54
(5,967)	1:11:A:ILE:HD11	1:43:A:MET:HB2	4	0.72	0.34	0.69
(5,967)	1:11:A:ILE:HD12	1:43:A:MET:HB2	4	0.72	0.34	0.69
(5,967)	1:11:A:ILE:HD13	1:43:A:MET:HB2	4	0.72	0.34	0.69
(34,966)	1:67:A:PRO:HA	1:70:A:LYS:HG2	4	0.72	0.26	0.74
(4,1912)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	4	0.71	0.13	0.71
(4,1912)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	4	0.71	0.13	0.71
(29,1955)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	4	0.71	0.13	0.71
(29,1955)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	4	0.71	0.13	0.71
(17,2221)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	4	0.7	0.36	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,2221)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	4	0.7	0.36	0.63
(17,2221)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	4	0.7	0.36	0.63
(30,70)	1:63:A:ILE:HG21	1:117:A:VAL:H	4	0.7	0.55	0.5
(30,70)	1:63:A:ILE:HG22	1:117:A:VAL:H	4	0.7	0.55	0.5
(30,70)	1:63:A:ILE:HG23	1:117:A:VAL:H	4	0.7	0.55	0.5
(1,1873)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	4	0.69	0.19	0.68
(1,1873)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	4	0.69	0.19	0.68
(2,1884)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	4	0.69	0.19	0.68
(2,1884)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	4	0.69	0.19	0.68
(3,1886)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	4	0.69	0.19	0.68
(3,1886)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	4	0.69	0.19	0.68
(5,1885)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	4	0.69	0.19	0.68
(5,1885)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	4	0.69	0.19	0.68
(11,1880)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	4	0.69	0.19	0.68
(11,1880)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	4	0.69	0.19	0.68
(18,1845)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	4	0.69	0.19	0.68
(18,1845)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	4	0.69	0.19	0.68
(30,1860)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	4	0.69	0.19	0.68
(30,1860)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	4	0.69	0.19	0.68
(33,1856)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	4	0.69	0.19	0.68
(33,1856)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	4	0.69	0.19	0.68
(34,1868)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	4	0.69	0.19	0.68
(34,1868)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	4	0.69	0.19	0.68
(2,163)	1:95:A:ILE:H	1:95:A:ILE:HB	4	0.68	0.1	0.7
(4,162)	1:95:A:ILE:H	1:95:A:ILE:HB	4	0.68	0.1	0.7
(7,166)	1:95:A:ILE:H	1:95:A:ILE:HB	4	0.68	0.1	0.7
(9,166)	1:95:A:ILE:H	1:95:A:ILE:HB	4	0.68	0.1	0.7
(11,165)	1:95:A:ILE:H	1:95:A:ILE:HB	4	0.68	0.1	0.7
(13,163)	1:95:A:ILE:H	1:95:A:ILE:HB	4	0.68	0.1	0.7
(15,170)	1:95:A:ILE:H	1:95:A:ILE:HB	4	0.68	0.1	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,168)	1:95:A:ILE:H	1:95:A:ILE:HB	4	0.68	0.1	0.7
(29,173)	1:95:A:ILE:H	1:95:A:ILE:HB	4	0.68	0.1	0.7
(33,163)	1:95:A:ILE:H	1:95:A:ILE:HB	4	0.68	0.1	0.7
(9,930)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	4	0.68	0.41	0.59
(9,930)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	4	0.68	0.41	0.59
(9,930)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	4	0.68	0.41	0.59
(9,930)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	4	0.68	0.41	0.59
(1,73)	1:63:A:ILE:HG21	1:117:A:VAL:H	4	0.68	0.55	0.48
(1,73)	1:63:A:ILE:HG22	1:117:A:VAL:H	4	0.68	0.55	0.48
(1,73)	1:63:A:ILE:HG23	1:117:A:VAL:H	4	0.68	0.55	0.48
(15,74)	1:63:A:ILE:HG21	1:117:A:VAL:H	4	0.68	0.55	0.48
(15,74)	1:63:A:ILE:HG22	1:117:A:VAL:H	4	0.68	0.55	0.48
(15,74)	1:63:A:ILE:HG23	1:117:A:VAL:H	4	0.68	0.55	0.48
(7,1197)	1:11:A:ILE:HD11	1:131:A:LEU:HA	4	0.67	0.43	0.53
(7,1197)	1:11:A:ILE:HD12	1:131:A:LEU:HA	4	0.67	0.43	0.53
(7,1197)	1:11:A:ILE:HD13	1:131:A:LEU:HA	4	0.67	0.43	0.53
(30,1212)	1:11:A:ILE:HD11	1:131:A:LEU:HA	4	0.67	0.43	0.53
(30,1212)	1:11:A:ILE:HD12	1:131:A:LEU:HA	4	0.67	0.43	0.53
(30,1212)	1:11:A:ILE:HD13	1:131:A:LEU:HA	4	0.67	0.43	0.53
(34,1952)	1:10:A:ASN:HD21	1:12:A:VAL:HG11	4	0.67	0.25	0.63
(34,1952)	1:10:A:ASN:HD21	1:12:A:VAL:HG12	4	0.67	0.25	0.63
(34,1952)	1:10:A:ASN:HD21	1:12:A:VAL:HG13	4	0.67	0.25	0.63
(34,1952)	1:10:A:ASN:HD21	1:12:A:VAL:HG21	4	0.67	0.25	0.63
(34,1952)	1:10:A:ASN:HD21	1:12:A:VAL:HG22	4	0.67	0.25	0.63
(34,1952)	1:10:A:ASN:HD21	1:12:A:VAL:HG23	4	0.67	0.25	0.63
(3,1759)	1:21:A:THR:HG21	1:23:A:LEU:HD21	4	0.67	0.33	0.66
(3,1759)	1:21:A:THR:HG21	1:23:A:LEU:HD22	4	0.67	0.33	0.66
(3,1759)	1:21:A:THR:HG21	1:23:A:LEU:HD23	4	0.67	0.33	0.66
(3,1759)	1:21:A:THR:HG22	1:23:A:LEU:HD21	4	0.67	0.33	0.66
(3,1759)	1:21:A:THR:HG22	1:23:A:LEU:HD22	4	0.67	0.33	0.66
(3,1759)	1:21:A:THR:HG22	1:23:A:LEU:HD23	4	0.67	0.33	0.66
(3,1759)	1:21:A:THR:HG23	1:23:A:LEU:HD21	4	0.67	0.33	0.66
(3,1759)	1:21:A:THR:HG23	1:23:A:LEU:HD22	4	0.67	0.33	0.66
(3,1759)	1:21:A:THR:HG23	1:23:A:LEU:HD23	4	0.67	0.33	0.66
(13,948)	1:11:A:ILE:HD11	1:43:A:MET:HB2	4	0.66	0.34	0.63
(13,948)	1:11:A:ILE:HD12	1:43:A:MET:HB2	4	0.66	0.34	0.63
(13,948)	1:11:A:ILE:HD13	1:43:A:MET:HB2	4	0.66	0.34	0.63
(3,1239)	1:11:A:ILE:HD11	1:131:A:LEU:HA	4	0.66	0.43	0.52
(3,1239)	1:11:A:ILE:HD12	1:131:A:LEU:HA	4	0.66	0.43	0.52
(3,1239)	1:11:A:ILE:HD13	1:131:A:LEU:HA	4	0.66	0.43	0.52
(4,1195)	1:11:A:ILE:HD11	1:131:A:LEU:HA	4	0.66	0.43	0.52
(4,1195)	1:11:A:ILE:HD12	1:131:A:LEU:HA	4	0.66	0.43	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1195)	1:11:A:ILE:HD13	1:131:A:LEU:HA	4	0.66	0.43	0.52
(2,1188)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	4	0.66	0.27	0.54
(2,1188)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	4	0.66	0.27	0.54
(2,1188)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	4	0.66	0.27	0.54
(2,1188)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	4	0.66	0.27	0.54
(2,1188)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	4	0.66	0.27	0.54
(2,1188)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	4	0.66	0.27	0.54
(16,2091)	1:35:A:LEU:HD11	1:143:A:TRP:HB2	4	0.66	0.55	0.45
(16,2091)	1:35:A:LEU:HD12	1:143:A:TRP:HB2	4	0.66	0.55	0.45
(16,2091)	1:35:A:LEU:HD13	1:143:A:TRP:HB2	4	0.66	0.55	0.45
(16,2091)	1:35:A:LEU:HD21	1:143:A:TRP:HB2	4	0.66	0.55	0.45
(16,2091)	1:35:A:LEU:HD22	1:143:A:TRP:HB2	4	0.66	0.55	0.45
(16,2091)	1:35:A:LEU:HD23	1:143:A:TRP:HB2	4	0.66	0.55	0.45
(1,2135)	1:43:A:MET:HA	1:134:A:VAL:HG11	4	0.65	0.51	0.55
(1,2135)	1:43:A:MET:HA	1:134:A:VAL:HG12	4	0.65	0.51	0.55
(1,2135)	1:43:A:MET:HA	1:134:A:VAL:HG13	4	0.65	0.51	0.55
(1,2135)	1:43:A:MET:HA	1:134:A:VAL:HG21	4	0.65	0.51	0.55
(1,2135)	1:43:A:MET:HA	1:134:A:VAL:HG22	4	0.65	0.51	0.55
(1,2135)	1:43:A:MET:HA	1:134:A:VAL:HG23	4	0.65	0.51	0.55
(33,1214)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	4	0.65	0.27	0.52
(33,1214)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	4	0.65	0.27	0.52
(33,1214)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	4	0.65	0.27	0.52
(33,1214)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	4	0.65	0.27	0.52
(33,1214)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	4	0.65	0.27	0.52
(33,1214)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	4	0.65	0.27	0.52
(11,2247)	1:68:A:LYS:H	1:70:A:LYS:HG2	4	0.65	0.29	0.68
(11,2247)	1:68:A:LYS:H	1:70:A:LYS:HG3	4	0.65	0.29	0.68
(13,2211)	1:68:A:LYS:H	1:70:A:LYS:HG2	4	0.65	0.29	0.68
(13,2211)	1:68:A:LYS:H	1:70:A:LYS:HG3	4	0.65	0.29	0.68
(33,2245)	1:68:A:LYS:H	1:70:A:LYS:HG2	4	0.65	0.29	0.68
(33,2245)	1:68:A:LYS:H	1:70:A:LYS:HG3	4	0.65	0.29	0.68
(18,75)	1:63:A:ILE:HG21	1:117:A:VAL:H	4	0.65	0.55	0.45
(18,75)	1:63:A:ILE:HG22	1:117:A:VAL:H	4	0.65	0.55	0.45
(18,75)	1:63:A:ILE:HG23	1:117:A:VAL:H	4	0.65	0.55	0.45
(15,1218)	1:11:A:ILE:HD11	1:131:A:LEU:HA	4	0.64	0.43	0.5
(15,1218)	1:11:A:ILE:HD12	1:131:A:LEU:HA	4	0.64	0.43	0.5
(15,1218)	1:11:A:ILE:HD13	1:131:A:LEU:HA	4	0.64	0.43	0.5
(3,2018)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	4	0.64	0.31	0.62
(3,2018)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	4	0.64	0.31	0.62
(3,2018)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	4	0.64	0.31	0.62
(3,2018)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	4	0.64	0.31	0.62
(3,2018)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	4	0.64	0.31	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,2018)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	4	0.64	0.31	0.62
(3,1470)	1:50:A:ALA:HB1	1:126:A:GLY:HA3	4	0.64	0.35	0.64
(3,1470)	1:50:A:ALA:HB2	1:126:A:GLY:HA3	4	0.64	0.35	0.64
(3,1470)	1:50:A:ALA:HB3	1:126:A:GLY:HA3	4	0.64	0.35	0.64
(34,2028)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	4	0.64	0.32	0.57
(34,2028)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	4	0.64	0.32	0.57
(34,2028)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	4	0.64	0.32	0.57
(34,2028)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	4	0.64	0.32	0.57
(34,2028)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	4	0.64	0.32	0.57
(34,2028)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	4	0.64	0.32	0.57
(34,2028)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	4	0.64	0.32	0.57
(34,2028)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	4	0.64	0.32	0.57
(34,2028)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	4	0.64	0.32	0.57
(34,2028)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	4	0.64	0.32	0.57
(34,2028)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	4	0.64	0.32	0.57
(34,2028)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	4	0.64	0.32	0.57
(6,394)	1:105:A:LYS:HG3	1:106:A:ASP:H	4	0.63	0.13	0.63
(9,408)	1:105:A:LYS:HG3	1:106:A:ASP:H	4	0.63	0.13	0.63
(15,399)	1:105:A:LYS:HG3	1:106:A:ASP:H	4	0.63	0.13	0.63
(17,391)	1:105:A:LYS:HG3	1:106:A:ASP:H	4	0.63	0.13	0.63
(34,404)	1:105:A:LYS:HG3	1:106:A:ASP:H	4	0.63	0.13	0.63
(2,1596)	1:97:A:ASP:H	1:98:A:ILE:HD11	4	0.63	0.28	0.71
(2,1596)	1:97:A:ASP:H	1:98:A:ILE:HD12	4	0.63	0.28	0.71
(2,1596)	1:97:A:ASP:H	1:98:A:ILE:HD13	4	0.63	0.28	0.71
(3,1615)	1:97:A:ASP:H	1:98:A:ILE:HD11	4	0.63	0.28	0.71
(3,1615)	1:97:A:ASP:H	1:98:A:ILE:HD12	4	0.63	0.28	0.71
(3,1615)	1:97:A:ASP:H	1:98:A:ILE:HD13	4	0.63	0.28	0.71
(4,1563)	1:97:A:ASP:H	1:98:A:ILE:HD11	4	0.63	0.28	0.71
(4,1563)	1:97:A:ASP:H	1:98:A:ILE:HD12	4	0.63	0.28	0.71
(4,1563)	1:97:A:ASP:H	1:98:A:ILE:HD13	4	0.63	0.28	0.71
(5,1596)	1:97:A:ASP:H	1:98:A:ILE:HD11	4	0.63	0.28	0.71
(5,1596)	1:97:A:ASP:H	1:98:A:ILE:HD12	4	0.63	0.28	0.71
(5,1596)	1:97:A:ASP:H	1:98:A:ILE:HD13	4	0.63	0.28	0.71
(7,1555)	1:97:A:ASP:H	1:98:A:ILE:HD11	4	0.63	0.28	0.71
(7,1555)	1:97:A:ASP:H	1:98:A:ILE:HD12	4	0.63	0.28	0.71
(7,1555)	1:97:A:ASP:H	1:98:A:ILE:HD13	4	0.63	0.28	0.71
(9,1578)	1:97:A:ASP:H	1:98:A:ILE:HD11	4	0.63	0.28	0.71
(9,1578)	1:97:A:ASP:H	1:98:A:ILE:HD12	4	0.63	0.28	0.71
(9,1578)	1:97:A:ASP:H	1:98:A:ILE:HD13	4	0.63	0.28	0.71
(11,1612)	1:97:A:ASP:H	1:98:A:ILE:HD11	4	0.63	0.28	0.71
(11,1612)	1:97:A:ASP:H	1:98:A:ILE:HD12	4	0.63	0.28	0.71
(11,1612)	1:97:A:ASP:H	1:98:A:ILE:HD13	4	0.63	0.28	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1552)	1:97:A:ASP:H	1:98:A:ILE:HD11	4	0.63	0.28	0.71
(13,1552)	1:97:A:ASP:H	1:98:A:ILE:HD12	4	0.63	0.28	0.71
(13,1552)	1:97:A:ASP:H	1:98:A:ILE:HD13	4	0.63	0.28	0.71
(16,1569)	1:97:A:ASP:H	1:98:A:ILE:HD11	4	0.63	0.28	0.71
(16,1569)	1:97:A:ASP:H	1:98:A:ILE:HD12	4	0.63	0.28	0.71
(16,1569)	1:97:A:ASP:H	1:98:A:ILE:HD13	4	0.63	0.28	0.71
(29,1596)	1:97:A:ASP:H	1:98:A:ILE:HD11	4	0.63	0.28	0.71
(29,1596)	1:97:A:ASP:H	1:98:A:ILE:HD12	4	0.63	0.28	0.71
(29,1596)	1:97:A:ASP:H	1:98:A:ILE:HD13	4	0.63	0.28	0.71
(30,1585)	1:97:A:ASP:H	1:98:A:ILE:HD11	4	0.63	0.28	0.71
(30,1585)	1:97:A:ASP:H	1:98:A:ILE:HD12	4	0.63	0.28	0.71
(30,1585)	1:97:A:ASP:H	1:98:A:ILE:HD13	4	0.63	0.28	0.71
(33,75)	1:63:A:ILE:HG21	1:117:A:VAL:H	4	0.63	0.55	0.44
(33,75)	1:63:A:ILE:HG22	1:117:A:VAL:H	4	0.63	0.55	0.44
(33,75)	1:63:A:ILE:HG23	1:117:A:VAL:H	4	0.63	0.55	0.44
(34,1600)	1:97:A:ASP:H	1:98:A:ILE:HD11	4	0.63	0.28	0.71
(34,1600)	1:97:A:ASP:H	1:98:A:ILE:HD12	4	0.63	0.28	0.71
(34,1600)	1:97:A:ASP:H	1:98:A:ILE:HD13	4	0.63	0.28	0.71
(2,649)	1:70:A:LYS:H	1:74:A:PRO:HA	4	0.62	0.3	0.64
(3,655)	1:70:A:LYS:H	1:74:A:PRO:HA	4	0.62	0.3	0.64
(4,639)	1:70:A:LYS:H	1:74:A:PRO:HA	4	0.62	0.3	0.64
(5,650)	1:70:A:LYS:H	1:74:A:PRO:HA	4	0.62	0.3	0.64
(7,649)	1:70:A:LYS:H	1:74:A:PRO:HA	4	0.62	0.3	0.64
(11,650)	1:70:A:LYS:H	1:74:A:PRO:HA	4	0.62	0.3	0.64
(15,655)	1:70:A:LYS:H	1:74:A:PRO:HA	4	0.62	0.3	0.64
(16,652)	1:70:A:LYS:H	1:74:A:PRO:HA	4	0.62	0.3	0.64
(17,650)	1:70:A:LYS:H	1:74:A:PRO:HA	4	0.62	0.3	0.64
(17,1874)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	4	0.62	0.1	0.63
(18,661)	1:70:A:LYS:H	1:74:A:PRO:HA	4	0.62	0.3	0.64
(29,654)	1:70:A:LYS:H	1:74:A:PRO:HA	4	0.62	0.3	0.64
(30,647)	1:70:A:LYS:H	1:74:A:PRO:HA	4	0.62	0.3	0.64
(30,1859)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	4	0.62	0.1	0.63
(33,648)	1:70:A:LYS:H	1:74:A:PRO:HA	4	0.62	0.3	0.64
(33,1855)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	4	0.62	0.1	0.63
(34,656)	1:70:A:LYS:H	1:74:A:PRO:HA	4	0.62	0.3	0.64
(34,1867)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	4	0.62	0.1	0.63
(4,2202)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	4	0.62	0.5	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,2202)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	4	0.62	0.5	0.53
(4,2202)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	4	0.62	0.5	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,2199)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	4	0.62	0.5	0.53
(32,2199)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	4	0.62	0.5	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	4	0.62	0.5	0.53
(33,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	4	0.62	0.5	0.53
(2,821)	1:114:A:ILE:HD11	1:117:A:VAL:H	4	0.61	0.29	0.7
(2,821)	1:114:A:ILE:HD12	1:117:A:VAL:H	4	0.61	0.29	0.7
(2,821)	1:114:A:ILE:HD13	1:117:A:VAL:H	4	0.61	0.29	0.7
(3,841)	1:114:A:ILE:HD11	1:117:A:VAL:H	4	0.61	0.29	0.7
(3,841)	1:114:A:ILE:HD12	1:117:A:VAL:H	4	0.61	0.29	0.7
(3,841)	1:114:A:ILE:HD13	1:117:A:VAL:H	4	0.61	0.29	0.7
(4,821)	1:114:A:ILE:HD11	1:117:A:VAL:H	4	0.61	0.29	0.7
(4,821)	1:114:A:ILE:HD12	1:117:A:VAL:H	4	0.61	0.29	0.7
(4,821)	1:114:A:ILE:HD13	1:117:A:VAL:H	4	0.61	0.29	0.7
(5,826)	1:114:A:ILE:HD11	1:117:A:VAL:H	4	0.61	0.29	0.7
(5,826)	1:114:A:ILE:HD12	1:117:A:VAL:H	4	0.61	0.29	0.7
(5,826)	1:114:A:ILE:HD13	1:117:A:VAL:H	4	0.61	0.29	0.7
(7,816)	1:114:A:ILE:HD11	1:117:A:VAL:H	4	0.61	0.29	0.7
(7,816)	1:114:A:ILE:HD12	1:117:A:VAL:H	4	0.61	0.29	0.7
(7,816)	1:114:A:ILE:HD13	1:117:A:VAL:H	4	0.61	0.29	0.7
(9,823)	1:114:A:ILE:HD11	1:117:A:VAL:H	4	0.61	0.29	0.7
(9,823)	1:114:A:ILE:HD12	1:117:A:VAL:H	4	0.61	0.29	0.7
(9,823)	1:114:A:ILE:HD13	1:117:A:VAL:H	4	0.61	0.29	0.7
(13,812)	1:114:A:ILE:HD11	1:117:A:VAL:H	4	0.61	0.29	0.7
(13,812)	1:114:A:ILE:HD12	1:117:A:VAL:H	4	0.61	0.29	0.7
(13,812)	1:114:A:ILE:HD13	1:117:A:VAL:H	4	0.61	0.29	0.7
(16,835)	1:114:A:ILE:HD11	1:117:A:VAL:H	4	0.61	0.29	0.7
(16,835)	1:114:A:ILE:HD12	1:117:A:VAL:H	4	0.61	0.29	0.7
(16,835)	1:114:A:ILE:HD13	1:117:A:VAL:H	4	0.61	0.29	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,835)	1:114:A:ILE:HD11	1:117:A:VAL:H	4	0.61	0.29	0.7
(17,835)	1:114:A:ILE:HD12	1:117:A:VAL:H	4	0.61	0.29	0.7
(17,835)	1:114:A:ILE:HD13	1:117:A:VAL:H	4	0.61	0.29	0.7
(18,837)	1:114:A:ILE:HD11	1:117:A:VAL:H	4	0.61	0.29	0.7
(18,837)	1:114:A:ILE:HD12	1:117:A:VAL:H	4	0.61	0.29	0.7
(18,837)	1:114:A:ILE:HD13	1:117:A:VAL:H	4	0.61	0.29	0.7
(29,840)	1:114:A:ILE:HD11	1:117:A:VAL:H	4	0.61	0.29	0.7
(29,840)	1:114:A:ILE:HD12	1:117:A:VAL:H	4	0.61	0.29	0.7
(29,840)	1:114:A:ILE:HD13	1:117:A:VAL:H	4	0.61	0.29	0.7
(30,824)	1:114:A:ILE:HD11	1:117:A:VAL:H	4	0.61	0.29	0.7
(30,824)	1:114:A:ILE:HD12	1:117:A:VAL:H	4	0.61	0.29	0.7
(30,824)	1:114:A:ILE:HD13	1:117:A:VAL:H	4	0.61	0.29	0.7
(32,808)	1:114:A:ILE:HD11	1:117:A:VAL:H	4	0.61	0.29	0.7
(32,808)	1:114:A:ILE:HD12	1:117:A:VAL:H	4	0.61	0.29	0.7
(32,808)	1:114:A:ILE:HD13	1:117:A:VAL:H	4	0.61	0.29	0.7
(32,1183)	1:11:A:ILE:HD11	1:131:A:LEU:HA	4	0.61	0.43	0.47
(32,1183)	1:11:A:ILE:HD12	1:131:A:LEU:HA	4	0.61	0.43	0.47
(32,1183)	1:11:A:ILE:HD13	1:131:A:LEU:HA	4	0.61	0.43	0.47
(33,831)	1:114:A:ILE:HD11	1:117:A:VAL:H	4	0.61	0.29	0.7
(33,831)	1:114:A:ILE:HD12	1:117:A:VAL:H	4	0.61	0.29	0.7
(33,831)	1:114:A:ILE:HD13	1:117:A:VAL:H	4	0.61	0.29	0.7
(34,832)	1:114:A:ILE:HD11	1:117:A:VAL:H	4	0.61	0.29	0.7
(34,832)	1:114:A:ILE:HD12	1:117:A:VAL:H	4	0.61	0.29	0.7
(34,832)	1:114:A:ILE:HD13	1:117:A:VAL:H	4	0.61	0.29	0.7
(29,1946)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	4	0.6	0.08	0.6
(29,1946)	1:9:A:PHE:HD1	1:11:A:ILE:HG13	4	0.6	0.08	0.6
(29,1946)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	4	0.6	0.08	0.6
(29,1946)	1:9:A:PHE:HD2	1:11:A:ILE:HG13	4	0.6	0.08	0.6
(6,1650)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	4	0.6	0.31	0.6
(6,1650)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	4	0.6	0.31	0.6
(6,1650)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	4	0.6	0.31	0.6
(11,891)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	4	0.6	0.1	0.61
(11,891)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	4	0.6	0.1	0.61
(11,891)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	4	0.6	0.1	0.61
(30,1653)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	4	0.6	0.31	0.6
(30,1653)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	4	0.6	0.31	0.6
(30,1653)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	4	0.6	0.31	0.6
(33,1636)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	4	0.6	0.31	0.6
(33,1636)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	4	0.6	0.31	0.6
(33,1636)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	4	0.6	0.31	0.6
(18,1956)	1:11:A:ILE:HG12	1:57:A:LEU:HB2	4	0.6	0.19	0.6
(18,1956)	1:11:A:ILE:HG12	1:57:A:LEU:HB3	4	0.6	0.19	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	4	0.6	0.36	0.49
(11,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	4	0.6	0.36	0.49
(11,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	4	0.6	0.36	0.49
(11,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	4	0.6	0.36	0.49
(11,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	4	0.6	0.36	0.49
(11,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	4	0.6	0.36	0.49
(11,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	4	0.6	0.36	0.49
(11,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	4	0.6	0.36	0.49
(11,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	4	0.6	0.36	0.49
(11,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	4	0.6	0.36	0.49
(11,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	4	0.6	0.36	0.49
(11,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	4	0.6	0.36	0.49
(34,1568)	1:40:A:LEU:HD21	1:43:A:MET:H	4	0.6	0.34	0.64
(34,1568)	1:40:A:LEU:HD22	1:43:A:MET:H	4	0.6	0.34	0.64
(34,1568)	1:40:A:LEU:HD23	1:43:A:MET:H	4	0.6	0.34	0.64
(30,1727)	1:79:A:THR:HG21	1:81:A:GLU:HB3	4	0.59	0.41	0.52
(30,1727)	1:79:A:THR:HG22	1:81:A:GLU:HB3	4	0.59	0.41	0.52
(30,1727)	1:79:A:THR:HG23	1:81:A:GLU:HB3	4	0.59	0.41	0.52
(30,1727)	1:79:A:THR:HG21	1:81:A:GLU:HB2	4	0.59	0.41	0.52
(30,1727)	1:79:A:THR:HG22	1:81:A:GLU:HB2	4	0.59	0.41	0.52
(30,1727)	1:79:A:THR:HG23	1:81:A:GLU:HB2	4	0.59	0.41	0.52
(18,2026)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	4	0.59	0.56	0.3
(18,2026)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	4	0.59	0.56	0.3
(18,2026)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	4	0.59	0.56	0.3
(18,2026)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	4	0.59	0.56	0.3
(18,2026)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	4	0.59	0.56	0.3
(18,2026)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	4	0.59	0.56	0.3
(1,2244)	1:75:A:GLY:H	1:77:A:CYS:HB2	4	0.59	0.28	0.64
(1,2244)	1:75:A:GLY:H	1:77:A:CYS:HB3	4	0.59	0.28	0.64
(4,2012)	1:18:A:PHE:HB2	1:132:A:ALA:H	4	0.59	0.21	0.63
(4,2012)	1:18:A:PHE:HB3	1:132:A:ALA:H	4	0.59	0.21	0.63
(15,1993)	1:18:A:PHE:HB2	1:132:A:ALA:H	4	0.59	0.21	0.63
(15,1993)	1:18:A:PHE:HB3	1:132:A:ALA:H	4	0.59	0.21	0.63
(18,2014)	1:18:A:PHE:HB2	1:132:A:ALA:H	4	0.59	0.21	0.63
(18,2014)	1:18:A:PHE:HB3	1:132:A:ALA:H	4	0.59	0.21	0.63
(33,2017)	1:18:A:PHE:HB2	1:132:A:ALA:H	4	0.59	0.21	0.63
(33,2017)	1:18:A:PHE:HB3	1:132:A:ALA:H	4	0.59	0.21	0.63
(1,1247)	1:40:A:LEU:HD11	1:44:A:GLU:H	4	0.59	0.28	0.66
(1,1247)	1:40:A:LEU:HD12	1:44:A:GLU:H	4	0.59	0.28	0.66
(1,1247)	1:40:A:LEU:HD13	1:44:A:GLU:H	4	0.59	0.28	0.66
(6,1159)	1:140:A:LEU:H	1:140:A:LEU:HD21	4	0.58	0.14	0.63
(6,1159)	1:140:A:LEU:H	1:140:A:LEU:HD22	4	0.58	0.14	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,1159)	1:140:A:LEU:H	1:140:A:LEU:HD23	4	0.58	0.14	0.63
(9,1170)	1:140:A:LEU:H	1:140:A:LEU:HD21	4	0.58	0.14	0.63
(9,1170)	1:140:A:LEU:H	1:140:A:LEU:HD22	4	0.58	0.14	0.63
(9,1170)	1:140:A:LEU:H	1:140:A:LEU:HD23	4	0.58	0.14	0.63
(16,1517)	1:69:A:MET:HE1	1:116:A:GLN:HE22	4	0.58	0.3	0.6
(16,1517)	1:69:A:MET:HE2	1:116:A:GLN:HE22	4	0.58	0.3	0.6
(16,1517)	1:69:A:MET:HE3	1:116:A:GLN:HE22	4	0.58	0.3	0.6
(30,885)	1:95:A:ILE:H	1:95:A:ILE:HB	4	0.58	0.1	0.6
(32,1479)	1:69:A:MET:HE1	1:116:A:GLN:HE22	4	0.58	0.3	0.6
(32,1479)	1:69:A:MET:HE2	1:116:A:GLN:HE22	4	0.58	0.3	0.6
(32,1479)	1:69:A:MET:HE3	1:116:A:GLN:HE22	4	0.58	0.3	0.6
(3,1968)	1:10:A:ASN:HD21	1:12:A:VAL:HG11	4	0.58	0.2	0.64
(3,1968)	1:10:A:ASN:HD21	1:12:A:VAL:HG12	4	0.58	0.2	0.64
(3,1968)	1:10:A:ASN:HD21	1:12:A:VAL:HG13	4	0.58	0.2	0.64
(3,1968)	1:10:A:ASN:HD21	1:12:A:VAL:HG21	4	0.58	0.2	0.64
(3,1968)	1:10:A:ASN:HD21	1:12:A:VAL:HG22	4	0.58	0.2	0.64
(3,1968)	1:10:A:ASN:HD21	1:12:A:VAL:HG23	4	0.58	0.2	0.64
(3,1968)	1:10:A:ASN:HD22	1:12:A:VAL:HG11	4	0.58	0.2	0.64
(3,1968)	1:10:A:ASN:HD22	1:12:A:VAL:HG12	4	0.58	0.2	0.64
(3,1968)	1:10:A:ASN:HD22	1:12:A:VAL:HG13	4	0.58	0.2	0.64
(3,1968)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	4	0.58	0.2	0.64
(3,1968)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	4	0.58	0.2	0.64
(3,1968)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	4	0.58	0.2	0.64
(9,858)	1:18:A:PHE:HZ	1:60:A:LEU:HB2	4	0.58	0.38	0.43
(2,1239)	1:40:A:LEU:HD11	1:44:A:GLU:H	4	0.58	0.28	0.66
(2,1239)	1:40:A:LEU:HD12	1:44:A:GLU:H	4	0.58	0.28	0.66
(2,1239)	1:40:A:LEU:HD13	1:44:A:GLU:H	4	0.58	0.28	0.66
(4,1222)	1:40:A:LEU:HD11	1:44:A:GLU:H	4	0.58	0.28	0.66
(4,1222)	1:40:A:LEU:HD12	1:44:A:GLU:H	4	0.58	0.28	0.66
(4,1222)	1:40:A:LEU:HD13	1:44:A:GLU:H	4	0.58	0.28	0.66
(9,1352)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	4	0.58	0.22	0.53
(9,1352)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	4	0.58	0.22	0.53
(9,1352)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	4	0.58	0.22	0.53
(16,431)	1:39:A:VAL:HG21	1:143:A:TRP:H	4	0.57	0.19	0.56
(16,431)	1:39:A:VAL:HG22	1:143:A:TRP:H	4	0.57	0.19	0.56
(16,431)	1:39:A:VAL:HG23	1:143:A:TRP:H	4	0.57	0.19	0.56
(3,1)	1:39:A:VAL:HG21	1:143:A:TRP:HE1	4	0.57	0.27	0.55
(3,1)	1:39:A:VAL:HG22	1:143:A:TRP:HE1	4	0.57	0.27	0.55
(3,1)	1:39:A:VAL:HG23	1:143:A:TRP:HE1	4	0.57	0.27	0.55
(4,1885)	1:13:A:ALA:H	1:80:A:TYR:HE1	4	0.57	0.12	0.56
(4,1885)	1:13:A:ALA:H	1:80:A:TYR:HE2	4	0.57	0.12	0.56
(5,1932)	1:13:A:ALA:H	1:80:A:TYR:HE1	4	0.57	0.12	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,1932)	1:13:A:ALA:H	1:80:A:TYR:HE2	4	0.57	0.12	0.56
(6,1919)	1:13:A:ALA:H	1:80:A:TYR:HE1	4	0.57	0.12	0.56
(6,1919)	1:13:A:ALA:H	1:80:A:TYR:HE2	4	0.57	0.12	0.56
(9,1907)	1:13:A:ALA:H	1:80:A:TYR:HE1	4	0.57	0.12	0.56
(9,1907)	1:13:A:ALA:H	1:80:A:TYR:HE2	4	0.57	0.12	0.56
(16,1896)	1:13:A:ALA:H	1:80:A:TYR:HE1	4	0.57	0.12	0.56
(16,1896)	1:13:A:ALA:H	1:80:A:TYR:HE2	4	0.57	0.12	0.56
(17,1926)	1:13:A:ALA:H	1:80:A:TYR:HE1	4	0.57	0.12	0.56
(17,1926)	1:13:A:ALA:H	1:80:A:TYR:HE2	4	0.57	0.12	0.56
(18,1901)	1:13:A:ALA:H	1:80:A:TYR:HE1	4	0.57	0.12	0.56
(18,1901)	1:13:A:ALA:H	1:80:A:TYR:HE2	4	0.57	0.12	0.56
(29,1929)	1:13:A:ALA:H	1:80:A:TYR:HE1	4	0.57	0.12	0.56
(29,1929)	1:13:A:ALA:H	1:80:A:TYR:HE2	4	0.57	0.12	0.56
(32,1872)	1:13:A:ALA:H	1:80:A:TYR:HE1	4	0.57	0.12	0.56
(32,1872)	1:13:A:ALA:H	1:80:A:TYR:HE2	4	0.57	0.12	0.56
(33,1908)	1:13:A:ALA:H	1:80:A:TYR:HE1	4	0.57	0.12	0.56
(33,1908)	1:13:A:ALA:H	1:80:A:TYR:HE2	4	0.57	0.12	0.56
(34,1918)	1:13:A:ALA:H	1:80:A:TYR:HE1	4	0.57	0.12	0.56
(34,1918)	1:13:A:ALA:H	1:80:A:TYR:HE2	4	0.57	0.12	0.56
(1,1577)	1:11:A:ILE:HD11	1:43:A:MET:H	4	0.56	0.26	0.5
(1,1577)	1:11:A:ILE:HD12	1:43:A:MET:H	4	0.56	0.26	0.5
(1,1577)	1:11:A:ILE:HD13	1:43:A:MET:H	4	0.56	0.26	0.5
(2,1578)	1:11:A:ILE:HD11	1:43:A:MET:H	4	0.56	0.26	0.5
(2,1578)	1:11:A:ILE:HD12	1:43:A:MET:H	4	0.56	0.26	0.5
(2,1578)	1:11:A:ILE:HD13	1:43:A:MET:H	4	0.56	0.26	0.5
(2,2049)	1:21:A:THR:HB	1:23:A:LEU:HD11	4	0.56	0.44	0.36
(2,2049)	1:21:A:THR:HB	1:23:A:LEU:HD12	4	0.56	0.44	0.36
(2,2049)	1:21:A:THR:HB	1:23:A:LEU:HD13	4	0.56	0.44	0.36
(2,2049)	1:21:A:THR:HB	1:23:A:LEU:HD21	4	0.56	0.44	0.36
(2,2049)	1:21:A:THR:HB	1:23:A:LEU:HD22	4	0.56	0.44	0.36
(2,2049)	1:21:A:THR:HB	1:23:A:LEU:HD23	4	0.56	0.44	0.36
(4,1547)	1:11:A:ILE:HD11	1:43:A:MET:H	4	0.56	0.26	0.5
(4,1547)	1:11:A:ILE:HD12	1:43:A:MET:H	4	0.56	0.26	0.5
(4,1547)	1:11:A:ILE:HD13	1:43:A:MET:H	4	0.56	0.26	0.5
(5,1581)	1:11:A:ILE:HD11	1:43:A:MET:H	4	0.56	0.26	0.5
(5,1581)	1:11:A:ILE:HD12	1:43:A:MET:H	4	0.56	0.26	0.5
(5,1581)	1:11:A:ILE:HD13	1:43:A:MET:H	4	0.56	0.26	0.5
(6,2039)	1:21:A:THR:HB	1:23:A:LEU:HD11	4	0.56	0.44	0.36
(6,2039)	1:21:A:THR:HB	1:23:A:LEU:HD12	4	0.56	0.44	0.36
(6,2039)	1:21:A:THR:HB	1:23:A:LEU:HD13	4	0.56	0.44	0.36
(6,2039)	1:21:A:THR:HB	1:23:A:LEU:HD21	4	0.56	0.44	0.36
(6,2039)	1:21:A:THR:HB	1:23:A:LEU:HD22	4	0.56	0.44	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,2039)	1:21:A:THR:HB	1:23:A:LEU:HD23	4	0.56	0.44	0.36
(7,1540)	1:11:A:ILE:HD11	1:43:A:MET:H	4	0.56	0.26	0.5
(7,1540)	1:11:A:ILE:HD12	1:43:A:MET:H	4	0.56	0.26	0.5
(7,1540)	1:11:A:ILE:HD13	1:43:A:MET:H	4	0.56	0.26	0.5
(11,1593)	1:11:A:ILE:HD11	1:43:A:MET:H	4	0.56	0.26	0.5
(11,1593)	1:11:A:ILE:HD12	1:43:A:MET:H	4	0.56	0.26	0.5
(11,1593)	1:11:A:ILE:HD13	1:43:A:MET:H	4	0.56	0.26	0.5
(11,2048)	1:21:A:THR:HB	1:23:A:LEU:HD11	4	0.56	0.44	0.36
(11,2048)	1:21:A:THR:HB	1:23:A:LEU:HD12	4	0.56	0.44	0.36
(11,2048)	1:21:A:THR:HB	1:23:A:LEU:HD13	4	0.56	0.44	0.36
(11,2048)	1:21:A:THR:HB	1:23:A:LEU:HD21	4	0.56	0.44	0.36
(11,2048)	1:21:A:THR:HB	1:23:A:LEU:HD22	4	0.56	0.44	0.36
(11,2048)	1:21:A:THR:HB	1:23:A:LEU:HD23	4	0.56	0.44	0.36
(13,1535)	1:11:A:ILE:HD11	1:43:A:MET:H	4	0.56	0.26	0.5
(13,1535)	1:11:A:ILE:HD12	1:43:A:MET:H	4	0.56	0.26	0.5
(13,1535)	1:11:A:ILE:HD13	1:43:A:MET:H	4	0.56	0.26	0.5
(15,1557)	1:11:A:ILE:HD11	1:43:A:MET:H	4	0.56	0.26	0.5
(15,1557)	1:11:A:ILE:HD12	1:43:A:MET:H	4	0.56	0.26	0.5
(15,1557)	1:11:A:ILE:HD13	1:43:A:MET:H	4	0.56	0.26	0.5
(16,2029)	1:21:A:THR:HB	1:23:A:LEU:HD11	4	0.56	0.44	0.36
(16,2029)	1:21:A:THR:HB	1:23:A:LEU:HD12	4	0.56	0.44	0.36
(16,2029)	1:21:A:THR:HB	1:23:A:LEU:HD13	4	0.56	0.44	0.36
(16,2029)	1:21:A:THR:HB	1:23:A:LEU:HD21	4	0.56	0.44	0.36
(16,2029)	1:21:A:THR:HB	1:23:A:LEU:HD22	4	0.56	0.44	0.36
(16,2029)	1:21:A:THR:HB	1:23:A:LEU:HD23	4	0.56	0.44	0.36
(29,1577)	1:11:A:ILE:HD11	1:43:A:MET:H	4	0.56	0.26	0.5
(29,1577)	1:11:A:ILE:HD12	1:43:A:MET:H	4	0.56	0.26	0.5
(29,1577)	1:11:A:ILE:HD13	1:43:A:MET:H	4	0.56	0.26	0.5
(30,792)	1:54:A:ARG:HB3	1:58:A:ILE:HD11	4	0.56	0.08	0.55
(30,792)	1:54:A:ARG:HB3	1:58:A:ILE:HD12	4	0.56	0.08	0.55
(30,792)	1:54:A:ARG:HB3	1:58:A:ILE:HD13	4	0.56	0.08	0.55
(30,1566)	1:11:A:ILE:HD11	1:43:A:MET:H	4	0.56	0.26	0.5
(30,1566)	1:11:A:ILE:HD12	1:43:A:MET:H	4	0.56	0.26	0.5
(30,1566)	1:11:A:ILE:HD13	1:43:A:MET:H	4	0.56	0.26	0.5
(33,1554)	1:11:A:ILE:HD11	1:43:A:MET:H	4	0.56	0.26	0.5
(33,1554)	1:11:A:ILE:HD12	1:43:A:MET:H	4	0.56	0.26	0.5
(33,1554)	1:11:A:ILE:HD13	1:43:A:MET:H	4	0.56	0.26	0.5
(1,1831)	1:18:A:PHE:HE1	1:131:A:LEU:HB2	4	0.56	0.19	0.57
(1,1831)	1:18:A:PHE:HE2	1:131:A:LEU:HB2	4	0.56	0.19	0.57
(5,2293)	1:98:A:ILE:H	1:104:A:PHE:HB2	4	0.56	0.19	0.6
(5,2293)	1:98:A:ILE:H	1:104:A:PHE:HB3	4	0.56	0.19	0.6
(7,2303)	1:105:A:LYS:H	1:105:A:LYS:HG2	4	0.55	0.02	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,2303)	1:105:A:LYS:H	1:105:A:LYS:HG3	4	0.55	0.02	0.55
(18,2306)	1:105:A:LYS:H	1:105:A:LYS:HG2	4	0.55	0.02	0.55
(18,2306)	1:105:A:LYS:H	1:105:A:LYS:HG3	4	0.55	0.02	0.55
(30,2330)	1:105:A:LYS:H	1:105:A:LYS:HG2	4	0.55	0.02	0.55
(30,2330)	1:105:A:LYS:H	1:105:A:LYS:HG3	4	0.55	0.02	0.55
(16,1985)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	4	0.55	0.31	0.54
(16,1985)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	4	0.55	0.31	0.54
(16,1985)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	4	0.55	0.31	0.54
(16,1985)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	4	0.55	0.31	0.54
(16,1985)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	4	0.55	0.31	0.54
(16,1985)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	4	0.55	0.31	0.54
(2,1788)	1:65:A:CYS:HB2	1:69:A:MET:HE1	4	0.55	0.33	0.48
(2,1788)	1:65:A:CYS:HB2	1:69:A:MET:HE2	4	0.55	0.33	0.48
(2,1788)	1:65:A:CYS:HB2	1:69:A:MET:HE3	4	0.55	0.33	0.48
(4,1752)	1:65:A:CYS:HB2	1:69:A:MET:HE1	4	0.55	0.33	0.48
(4,1752)	1:65:A:CYS:HB2	1:69:A:MET:HE2	4	0.55	0.33	0.48
(4,1752)	1:65:A:CYS:HB2	1:69:A:MET:HE3	4	0.55	0.33	0.48
(9,1763)	1:65:A:CYS:HB2	1:69:A:MET:HE1	4	0.55	0.33	0.48
(9,1763)	1:65:A:CYS:HB2	1:69:A:MET:HE2	4	0.55	0.33	0.48
(9,1763)	1:65:A:CYS:HB2	1:69:A:MET:HE3	4	0.55	0.33	0.48
(15,1757)	1:65:A:CYS:HB2	1:69:A:MET:HE1	4	0.55	0.33	0.48
(15,1757)	1:65:A:CYS:HB2	1:69:A:MET:HE2	4	0.55	0.33	0.48
(15,1757)	1:65:A:CYS:HB2	1:69:A:MET:HE3	4	0.55	0.33	0.48
(17,1785)	1:65:A:CYS:HB2	1:69:A:MET:HE1	4	0.55	0.33	0.48
(17,1785)	1:65:A:CYS:HB2	1:69:A:MET:HE2	4	0.55	0.33	0.48
(17,1785)	1:65:A:CYS:HB2	1:69:A:MET:HE3	4	0.55	0.33	0.48
(29,1790)	1:65:A:CYS:HB2	1:69:A:MET:HE1	4	0.55	0.33	0.48
(29,1790)	1:65:A:CYS:HB2	1:69:A:MET:HE2	4	0.55	0.33	0.48
(29,1790)	1:65:A:CYS:HB2	1:69:A:MET:HE3	4	0.55	0.33	0.48
(32,1730)	1:65:A:CYS:HB2	1:69:A:MET:HE1	4	0.55	0.33	0.48
(32,1730)	1:65:A:CYS:HB2	1:69:A:MET:HE2	4	0.55	0.33	0.48
(32,1730)	1:65:A:CYS:HB2	1:69:A:MET:HE3	4	0.55	0.33	0.48
(6,854)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	4	0.54	0.35	0.4
(6,854)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	4	0.54	0.35	0.4
(15,2135)	1:46:A:ASN:HD21	1:137:A:SER:HB2	4	0.54	0.16	0.58
(15,2135)	1:46:A:ASN:HD21	1:137:A:SER:HB3	4	0.54	0.16	0.58
(17,2177)	1:46:A:ASN:HD21	1:137:A:SER:HB2	4	0.54	0.16	0.58
(17,2177)	1:46:A:ASN:HD21	1:137:A:SER:HB3	4	0.54	0.16	0.58
(17,423)	1:39:A:VAL:HG21	1:143:A:TRP:H	4	0.54	0.19	0.53
(17,423)	1:39:A:VAL:HG22	1:143:A:TRP:H	4	0.54	0.19	0.53
(17,423)	1:39:A:VAL:HG23	1:143:A:TRP:H	4	0.54	0.19	0.53
(2,1612)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	4	0.54	0.56	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,1612)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	4	0.54	0.56	0.28
(2,1612)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	4	0.54	0.56	0.28
(3,1631)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	4	0.54	0.56	0.28
(3,1631)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	4	0.54	0.56	0.28
(3,1631)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	4	0.54	0.56	0.28
(9,1592)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	4	0.54	0.56	0.28
(9,1592)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	4	0.54	0.56	0.28
(9,1592)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	4	0.54	0.56	0.28
(15,765)	1:12:A:VAL:H	1:40:A:LEU:HD21	4	0.54	0.41	0.37
(15,765)	1:12:A:VAL:H	1:40:A:LEU:HD22	4	0.54	0.41	0.37
(15,765)	1:12:A:VAL:H	1:40:A:LEU:HD23	4	0.54	0.41	0.37
(16,1587)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	4	0.54	0.56	0.28
(16,1587)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	4	0.54	0.56	0.28
(16,1587)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	4	0.54	0.56	0.28
(29,1613)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	4	0.54	0.56	0.28
(29,1613)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	4	0.54	0.56	0.28
(29,1613)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	4	0.54	0.56	0.28
(32,1561)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	4	0.54	0.56	0.28
(32,1561)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	4	0.54	0.56	0.28
(32,1561)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	4	0.54	0.56	0.28
(5,1293)	1:15:A:ALA:HA	1:131:A:LEU:HG	4	0.54	0.41	0.42
(5,1926)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	4	0.53	0.27	0.64
(5,1926)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	4	0.53	0.27	0.64
(5,1926)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	4	0.53	0.27	0.64
(5,1926)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	4	0.53	0.27	0.64
(5,1926)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	4	0.53	0.27	0.64
(5,1926)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	4	0.53	0.27	0.64
(17,1921)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	4	0.53	0.27	0.64
(17,1921)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	4	0.53	0.27	0.64
(17,1921)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	4	0.53	0.27	0.64
(17,1921)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	4	0.53	0.27	0.64
(17,1921)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	4	0.53	0.27	0.64
(17,1921)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	4	0.53	0.27	0.64
(33,1902)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	4	0.53	0.27	0.64
(33,1902)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	4	0.53	0.27	0.64
(33,1902)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	4	0.53	0.27	0.64
(33,1902)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	4	0.53	0.27	0.64
(33,1902)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	4	0.53	0.27	0.64
(33,1902)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	4	0.53	0.27	0.64
(4,2431)	1:136:A:CYS:HB2	1:141:A:LYS:H	4	0.53	0.29	0.43
(4,2431)	1:136:A:CYS:HB3	1:141:A:LYS:H	4	0.53	0.29	0.43
(7,1906)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	4	0.53	0.25	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1906)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	4	0.53	0.25	0.58
(7,1906)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	4	0.53	0.25	0.58
(7,1906)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	4	0.53	0.25	0.58
(9,45)	1:98:A:ILE:H	1:104:A:PHE:HB3	4	0.53	0.2	0.57
(9,1937)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	4	0.53	0.25	0.58
(9,1937)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	4	0.53	0.25	0.58
(9,1937)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	4	0.53	0.25	0.58
(9,1937)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	4	0.53	0.25	0.58
(16,1932)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	4	0.53	0.25	0.58
(16,1932)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	4	0.53	0.25	0.58
(16,1932)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	4	0.53	0.25	0.58
(16,1932)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	4	0.53	0.25	0.58
(33,1731)	1:18:A:PHE:HB3	1:132:A:ALA:HA	4	0.53	0.23	0.57
(33,1731)	1:18:A:PHE:HB2	1:132:A:ALA:HA	4	0.53	0.23	0.57
(32,777)	1:55:A:GLY:H	1:58:A:ILE:HD11	4	0.53	0.17	0.52
(32,777)	1:55:A:GLY:H	1:58:A:ILE:HD12	4	0.53	0.17	0.52
(32,777)	1:55:A:GLY:H	1:58:A:ILE:HD13	4	0.53	0.17	0.52
(1,38)	1:96:A:VAL:H	1:96:A:VAL:HB	4	0.53	0.04	0.51
(33,1677)	1:69:A:MET:HG3	1:109:A:PRO:HA	4	0.53	0.22	0.53
(3,1982)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	4	0.52	0.31	0.52
(3,1982)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	4	0.52	0.31	0.52
(3,1982)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	4	0.52	0.31	0.52
(3,1982)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	4	0.52	0.31	0.52
(3,1982)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	4	0.52	0.31	0.52
(3,1982)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	4	0.52	0.31	0.52
(7,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	4	0.52	0.18	0.56
(7,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	4	0.52	0.18	0.56
(1,1798)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	4	0.52	0.18	0.52
(1,1798)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	4	0.52	0.18	0.52
(1,1798)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	4	0.52	0.18	0.52
(1,1798)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	4	0.52	0.18	0.52
(2,2013)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	4	0.52	0.31	0.5
(2,2013)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	4	0.52	0.31	0.5
(2,2013)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	4	0.52	0.31	0.5
(2,2013)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	4	0.52	0.31	0.5
(2,2013)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	4	0.52	0.31	0.5
(2,2013)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	4	0.52	0.31	0.5
(4,1981)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	4	0.52	0.31	0.5
(4,1981)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	4	0.52	0.31	0.5
(4,1981)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	4	0.52	0.31	0.5
(4,1981)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	4	0.52	0.31	0.5
(4,1981)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	4	0.52	0.31	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1981)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	4	0.52	0.31	0.5
(5,1812)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	4	0.52	0.18	0.52
(5,1812)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	4	0.52	0.18	0.52
(5,1812)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	4	0.52	0.18	0.52
(5,1812)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	4	0.52	0.18	0.52
(17,1800)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	4	0.52	0.18	0.52
(17,1800)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	4	0.52	0.18	0.52
(17,1800)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	4	0.52	0.18	0.52
(17,1800)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	4	0.52	0.18	0.52
(18,1767)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	4	0.52	0.18	0.52
(18,1767)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	4	0.52	0.18	0.52
(18,1767)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	4	0.52	0.18	0.52
(18,1767)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	4	0.52	0.18	0.52
(29,816)	1:55:A:GLY:H	1:58:A:ILE:HD11	4	0.52	0.17	0.52
(29,816)	1:55:A:GLY:H	1:58:A:ILE:HD12	4	0.52	0.17	0.52
(29,816)	1:55:A:GLY:H	1:58:A:ILE:HD13	4	0.52	0.17	0.52
(29,1807)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	4	0.52	0.18	0.52
(29,1807)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	4	0.52	0.18	0.52
(29,1807)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	4	0.52	0.18	0.52
(29,1807)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	4	0.52	0.18	0.52
(4,1214)	1:39:A:VAL:H	1:139:A:LEU:HD21	4	0.52	0.51	0.3
(4,1214)	1:39:A:VAL:H	1:139:A:LEU:HD22	4	0.52	0.51	0.3
(4,1214)	1:39:A:VAL:H	1:139:A:LEU:HD23	4	0.52	0.51	0.3
(18,1244)	1:39:A:VAL:H	1:139:A:LEU:HD21	4	0.52	0.51	0.3
(18,1244)	1:39:A:VAL:H	1:139:A:LEU:HD22	4	0.52	0.51	0.3
(18,1244)	1:39:A:VAL:H	1:139:A:LEU:HD23	4	0.52	0.51	0.3
(4,2002)	1:16:A:SER:HB2	1:43:A:MET:HE1	4	0.52	0.3	0.46
(4,2002)	1:16:A:SER:HB2	1:43:A:MET:HE2	4	0.52	0.3	0.46
(4,2002)	1:16:A:SER:HB2	1:43:A:MET:HE3	4	0.52	0.3	0.46
(4,2002)	1:16:A:SER:HB3	1:43:A:MET:HE1	4	0.52	0.3	0.46
(4,2002)	1:16:A:SER:HB3	1:43:A:MET:HE2	4	0.52	0.3	0.46
(4,2002)	1:16:A:SER:HB3	1:43:A:MET:HE3	4	0.52	0.3	0.46
(7,1963)	1:16:A:SER:HB2	1:43:A:MET:HE1	4	0.52	0.3	0.46
(7,1963)	1:16:A:SER:HB2	1:43:A:MET:HE2	4	0.52	0.3	0.46
(7,1963)	1:16:A:SER:HB2	1:43:A:MET:HE3	4	0.52	0.3	0.46
(7,1963)	1:16:A:SER:HB3	1:43:A:MET:HE1	4	0.52	0.3	0.46
(7,1963)	1:16:A:SER:HB3	1:43:A:MET:HE2	4	0.52	0.3	0.46
(7,1963)	1:16:A:SER:HB3	1:43:A:MET:HE3	4	0.52	0.3	0.46
(13,1972)	1:16:A:SER:HB2	1:43:A:MET:HE1	4	0.52	0.3	0.46
(13,1972)	1:16:A:SER:HB2	1:43:A:MET:HE2	4	0.52	0.3	0.46
(13,1972)	1:16:A:SER:HB2	1:43:A:MET:HE3	4	0.52	0.3	0.46
(13,1972)	1:16:A:SER:HB3	1:43:A:MET:HE1	4	0.52	0.3	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1972)	1:16:A:SER:HB3	1:43:A:MET:HE2	4	0.52	0.3	0.46
(13,1972)	1:16:A:SER:HB3	1:43:A:MET:HE3	4	0.52	0.3	0.46
(7,397)	1:105:A:LYS:HG3	1:106:A:ASP:H	4	0.51	0.13	0.51
(18,407)	1:105:A:LYS:HG3	1:106:A:ASP:H	4	0.51	0.13	0.51
(32,1897)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	4	0.51	0.46	0.32
(32,1897)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	4	0.51	0.46	0.32
(32,1897)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	4	0.51	0.46	0.32
(32,1897)	1:9:A:PHE:HZ	1:40:A:LEU:HD21	4	0.51	0.46	0.32
(32,1897)	1:9:A:PHE:HZ	1:40:A:LEU:HD22	4	0.51	0.46	0.32
(32,1897)	1:9:A:PHE:HZ	1:40:A:LEU:HD23	4	0.51	0.46	0.32
(18,1633)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	4	0.51	0.31	0.51
(18,1633)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	4	0.51	0.31	0.51
(18,1633)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	4	0.51	0.31	0.51
(34,807)	1:55:A:GLY:H	1:58:A:ILE:HD11	4	0.51	0.17	0.5
(34,807)	1:55:A:GLY:H	1:58:A:ILE:HD12	4	0.51	0.17	0.5
(34,807)	1:55:A:GLY:H	1:58:A:ILE:HD13	4	0.51	0.17	0.5
(2,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	4	0.5	0.28	0.48
(2,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	4	0.5	0.28	0.48
(2,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	4	0.5	0.28	0.48
(2,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	4	0.5	0.28	0.48
(2,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	4	0.5	0.28	0.48
(2,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	4	0.5	0.28	0.48
(2,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	4	0.5	0.28	0.48
(2,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	4	0.5	0.28	0.48
(2,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	4	0.5	0.28	0.48
(2,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	4	0.5	0.28	0.48
(2,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	4	0.5	0.28	0.48
(2,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	4	0.5	0.28	0.48
(2,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	4	0.5	0.28	0.48
(2,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	4	0.5	0.28	0.48
(2,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	4	0.5	0.28	0.48
(2,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	4	0.5	0.28	0.48
(2,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	4	0.5	0.28	0.48
(2,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	4	0.5	0.28	0.48
(15,1369)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	4	0.5	0.45	0.28
(15,1369)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	4	0.5	0.45	0.28
(15,1369)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	4	0.5	0.45	0.28
(17,1388)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	4	0.5	0.45	0.28
(17,1388)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	4	0.5	0.45	0.28
(17,1388)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	4	0.5	0.45	0.28
(34,1390)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	4	0.5	0.45	0.28
(34,1390)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	4	0.5	0.45	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,1390)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	4	0.5	0.45	0.28
(16,627)	1:34:A:LYS:HG2	1:35:A:LEU:H	4	0.5	0.43	0.36
(16,627)	1:34:A:LYS:HG3	1:35:A:LEU:H	4	0.5	0.43	0.36
(3,1273)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	4	0.5	0.27	0.38
(3,1273)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	4	0.5	0.27	0.38
(3,1273)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	4	0.5	0.27	0.38
(3,1273)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	4	0.5	0.27	0.38
(3,1273)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	4	0.5	0.27	0.38
(3,1273)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	4	0.5	0.27	0.38
(4,1440)	1:13:A:ALA:HB1	1:79:A:THR:HA	4	0.5	0.28	0.48
(4,1440)	1:13:A:ALA:HB2	1:79:A:THR:HA	4	0.5	0.28	0.48
(4,1440)	1:13:A:ALA:HB3	1:79:A:THR:HA	4	0.5	0.28	0.48
(6,1190)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	4	0.5	0.27	0.38
(6,1190)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	4	0.5	0.27	0.38
(6,1190)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	4	0.5	0.27	0.38
(6,1190)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	4	0.5	0.27	0.38
(6,1190)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	4	0.5	0.27	0.38
(6,1190)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	4	0.5	0.27	0.38
(3,1609)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	4	0.5	0.49	0.28
(3,1609)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	4	0.5	0.49	0.28
(3,1609)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	4	0.5	0.49	0.28
(3,1609)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	4	0.5	0.49	0.28
(3,1609)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	4	0.5	0.49	0.28
(3,1609)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	4	0.5	0.49	0.28
(5,1590)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	4	0.5	0.49	0.28
(5,1590)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	4	0.5	0.49	0.28
(5,1590)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	4	0.5	0.49	0.28
(5,1590)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	4	0.5	0.49	0.28
(5,1590)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	4	0.5	0.49	0.28
(5,1590)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	4	0.5	0.49	0.28
(6,1576)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	4	0.5	0.49	0.28
(6,1576)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	4	0.5	0.49	0.28
(6,1576)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	4	0.5	0.49	0.28
(6,1576)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	4	0.5	0.49	0.28
(6,1576)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	4	0.5	0.49	0.28
(6,1576)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	4	0.5	0.49	0.28
(15,1570)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	4	0.5	0.49	0.28
(15,1570)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	4	0.5	0.49	0.28
(15,1570)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	4	0.5	0.49	0.28
(15,1570)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	4	0.5	0.49	0.28
(15,1570)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	4	0.5	0.49	0.28
(15,1570)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	4	0.5	0.49	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,1581)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	4	0.5	0.49	0.28
(30,1581)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	4	0.5	0.49	0.28
(30,1581)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	4	0.5	0.49	0.28
(30,1581)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	4	0.5	0.49	0.28
(30,1581)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	4	0.5	0.49	0.28
(30,1581)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	4	0.5	0.49	0.28
(32,1540)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	4	0.5	0.49	0.28
(32,1540)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	4	0.5	0.49	0.28
(32,1540)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	4	0.5	0.49	0.28
(32,1540)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	4	0.5	0.49	0.28
(32,1540)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	4	0.5	0.49	0.28
(32,1540)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	4	0.5	0.49	0.28
(4,1664)	1:69:A:MET:HG3	1:109:A:PRO:HA	4	0.5	0.22	0.5
(9,1679)	1:69:A:MET:HG3	1:109:A:PRO:HA	4	0.5	0.22	0.5
(5,819)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	4	0.5	0.21	0.54
(5,819)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	4	0.5	0.21	0.54
(5,819)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	4	0.5	0.21	0.54
(5,819)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	4	0.5	0.21	0.54
(5,819)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	4	0.5	0.21	0.54
(5,819)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	4	0.5	0.21	0.54
(15,822)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	4	0.5	0.21	0.54
(15,822)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	4	0.5	0.21	0.54
(15,822)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	4	0.5	0.21	0.54
(15,822)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	4	0.5	0.21	0.54
(15,822)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	4	0.5	0.21	0.54
(15,822)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	4	0.5	0.21	0.54
(2,1277)	1:15:A:ALA:HA	1:131:A:LEU:HG	4	0.5	0.41	0.38
(11,1504)	1:101:A:ILE:HG21	1:103:A:ARG:HA	4	0.5	0.12	0.48
(11,1504)	1:101:A:ILE:HG22	1:103:A:ARG:HA	4	0.5	0.12	0.48
(11,1504)	1:101:A:ILE:HG23	1:103:A:ARG:HA	4	0.5	0.12	0.48
(13,1457)	1:101:A:ILE:HG21	1:103:A:ARG:HA	4	0.5	0.12	0.48
(13,1457)	1:101:A:ILE:HG22	1:103:A:ARG:HA	4	0.5	0.12	0.48
(13,1457)	1:101:A:ILE:HG23	1:103:A:ARG:HA	4	0.5	0.12	0.48
(34,1499)	1:101:A:ILE:HG21	1:103:A:ARG:HA	4	0.5	0.12	0.48
(34,1499)	1:101:A:ILE:HG22	1:103:A:ARG:HA	4	0.5	0.12	0.48
(34,1499)	1:101:A:ILE:HG23	1:103:A:ARG:HA	4	0.5	0.12	0.48
(18,810)	1:55:A:GLY:H	1:58:A:ILE:HD11	4	0.49	0.17	0.48
(18,810)	1:55:A:GLY:H	1:58:A:ILE:HD12	4	0.49	0.17	0.48
(18,810)	1:55:A:GLY:H	1:58:A:ILE:HD13	4	0.49	0.17	0.48
(33,1180)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	4	0.49	0.22	0.41
(33,1180)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	4	0.49	0.22	0.41
(33,1180)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	4	0.49	0.22	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,1180)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	4	0.49	0.22	0.41
(33,1180)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	4	0.49	0.22	0.41
(33,1180)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	4	0.49	0.22	0.41
(2,914)	1:125:A:THR:HB	1:129:A:LYS:HG2	4	0.48	0.19	0.43
(7,1974)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	4	0.48	0.32	0.42
(7,1974)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	4	0.48	0.32	0.42
(7,1974)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	4	0.48	0.32	0.42
(7,1974)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	4	0.48	0.32	0.42
(7,1974)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	4	0.48	0.32	0.42
(7,1974)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	4	0.48	0.32	0.42
(7,1974)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	4	0.48	0.32	0.42
(7,1974)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	4	0.48	0.32	0.42
(7,1974)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	4	0.48	0.32	0.42
(7,1974)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	4	0.48	0.32	0.42
(7,1974)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	4	0.48	0.32	0.42
(7,1974)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	4	0.48	0.32	0.42
(17,2008)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	4	0.48	0.28	0.46
(17,2008)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	4	0.48	0.28	0.46
(17,2008)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	4	0.48	0.28	0.46
(17,2008)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	4	0.48	0.28	0.46
(17,2008)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	4	0.48	0.28	0.46
(17,2008)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	4	0.48	0.28	0.46
(17,2008)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	4	0.48	0.28	0.46
(17,2008)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	4	0.48	0.28	0.46
(17,2008)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	4	0.48	0.28	0.46
(17,2008)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	4	0.48	0.28	0.46
(17,2008)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	4	0.48	0.28	0.46
(17,2008)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	4	0.48	0.28	0.46
(17,2008)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	4	0.48	0.28	0.46
(17,2008)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	4	0.48	0.28	0.46
(17,2008)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	4	0.48	0.28	0.46
(17,2008)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	4	0.48	0.28	0.46
(17,2008)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	4	0.48	0.28	0.46
(17,2008)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	4	0.48	0.28	0.46
(4,1946)	1:11:A:ILE:HG12	1:57:A:LEU:HD11	4	0.48	0.22	0.54
(4,1946)	1:11:A:ILE:HG12	1:57:A:LEU:HD12	4	0.48	0.22	0.54
(4,1946)	1:11:A:ILE:HG12	1:57:A:LEU:HD13	4	0.48	0.22	0.54
(4,1946)	1:11:A:ILE:HG12	1:57:A:LEU:HD21	4	0.48	0.22	0.54
(4,1946)	1:11:A:ILE:HG12	1:57:A:LEU:HD22	4	0.48	0.22	0.54
(4,1946)	1:11:A:ILE:HG12	1:57:A:LEU:HD23	4	0.48	0.22	0.54
(4,1946)	1:11:A:ILE:HG13	1:57:A:LEU:HD11	4	0.48	0.22	0.54
(4,1946)	1:11:A:ILE:HG13	1:57:A:LEU:HD12	4	0.48	0.22	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1946)	1:11:A:ILE:HG13	1:57:A:LEU:HD13	4	0.48	0.22	0.54
(4,1946)	1:11:A:ILE:HG13	1:57:A:LEU:HD21	4	0.48	0.22	0.54
(4,1946)	1:11:A:ILE:HG13	1:57:A:LEU:HD22	4	0.48	0.22	0.54
(4,1946)	1:11:A:ILE:HG13	1:57:A:LEU:HD23	4	0.48	0.22	0.54
(33,495)	1:105:A:LYS:H	1:105:A:LYS:HG2	4	0.48	0.02	0.48
(2,486)	1:98:A:ILE:H	1:105:A:LYS:H	4	0.48	0.19	0.57
(4,479)	1:98:A:ILE:H	1:105:A:LYS:H	4	0.48	0.19	0.57
(13,483)	1:98:A:ILE:H	1:105:A:LYS:H	4	0.48	0.19	0.57
(15,1843)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	4	0.48	0.18	0.53
(15,1843)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	4	0.48	0.18	0.53
(30,1411)	1:149:A:ALA:HB1	1:151:A:PHE:H	4	0.48	0.2	0.48
(30,1411)	1:149:A:ALA:HB2	1:151:A:PHE:H	4	0.48	0.2	0.48
(30,1411)	1:149:A:ALA:HB3	1:151:A:PHE:H	4	0.48	0.2	0.48
(32,1825)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	4	0.48	0.18	0.53
(32,1825)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	4	0.48	0.18	0.53
(2,893)	1:69:A:MET:HE1	1:73:A:ILE:HB	4	0.48	0.19	0.47
(2,893)	1:69:A:MET:HE2	1:73:A:ILE:HB	4	0.48	0.19	0.47
(2,893)	1:69:A:MET:HE3	1:73:A:ILE:HB	4	0.48	0.19	0.47
(11,898)	1:69:A:MET:HE1	1:73:A:ILE:HB	4	0.48	0.19	0.47
(11,898)	1:69:A:MET:HE2	1:73:A:ILE:HB	4	0.48	0.19	0.47
(11,898)	1:69:A:MET:HE3	1:73:A:ILE:HB	4	0.48	0.19	0.47
(30,889)	1:69:A:MET:HE1	1:73:A:ILE:HB	4	0.48	0.19	0.47
(30,889)	1:69:A:MET:HE2	1:73:A:ILE:HB	4	0.48	0.19	0.47
(30,889)	1:69:A:MET:HE3	1:73:A:ILE:HB	4	0.48	0.19	0.47
(32,876)	1:69:A:MET:HE1	1:73:A:ILE:HB	4	0.48	0.19	0.47
(32,876)	1:69:A:MET:HE2	1:73:A:ILE:HB	4	0.48	0.19	0.47
(32,876)	1:69:A:MET:HE3	1:73:A:ILE:HB	4	0.48	0.19	0.47
(34,914)	1:69:A:MET:HE1	1:73:A:ILE:HB	4	0.48	0.19	0.47
(34,914)	1:69:A:MET:HE2	1:73:A:ILE:HB	4	0.48	0.19	0.47
(34,914)	1:69:A:MET:HE3	1:73:A:ILE:HB	4	0.48	0.19	0.47
(9,1478)	1:101:A:ILE:HG21	1:103:A:ARG:HA	4	0.48	0.12	0.46
(9,1478)	1:101:A:ILE:HG22	1:103:A:ARG:HA	4	0.48	0.12	0.46
(9,1478)	1:101:A:ILE:HG23	1:103:A:ARG:HA	4	0.48	0.12	0.46
(11,1978)	1:11:A:ILE:HG12	1:57:A:LEU:HD11	4	0.48	0.14	0.5
(11,1978)	1:11:A:ILE:HG12	1:57:A:LEU:HD12	4	0.48	0.14	0.5
(11,1978)	1:11:A:ILE:HG12	1:57:A:LEU:HD13	4	0.48	0.14	0.5
(11,1978)	1:11:A:ILE:HG12	1:57:A:LEU:HD21	4	0.48	0.14	0.5
(11,1978)	1:11:A:ILE:HG12	1:57:A:LEU:HD22	4	0.48	0.14	0.5
(11,1978)	1:11:A:ILE:HG12	1:57:A:LEU:HD23	4	0.48	0.14	0.5
(13,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	4	0.48	0.26	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD21	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD22	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD23	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD21	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD22	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD23	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD21	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD22	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD23	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD21	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD22	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD23	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD21	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD22	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD23	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD21	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD22	4	0.48	0.26	0.46
(13,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD23	4	0.48	0.26	0.46
(17,1255)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	4	0.48	0.24	0.46
(17,1255)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	4	0.48	0.24	0.46
(17,1255)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	4	0.48	0.24	0.46
(17,1255)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	4	0.48	0.24	0.46
(17,1255)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	4	0.48	0.24	0.46
(17,1255)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	4	0.48	0.24	0.46
(5,2036)	1:28:A:GLY:HA2	1:30:A:LEU:HD11	4	0.47	0.28	0.45
(5,2036)	1:28:A:GLY:HA2	1:30:A:LEU:HD12	4	0.47	0.28	0.45
(5,2036)	1:28:A:GLY:HA2	1:30:A:LEU:HD13	4	0.47	0.28	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,2036)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	4	0.47	0.28	0.45
(5,2036)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	4	0.47	0.28	0.45
(5,2036)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	4	0.47	0.28	0.45
(5,2036)	1:28:A:GLY:HA3	1:30:A:LEU:HD11	4	0.47	0.28	0.45
(5,2036)	1:28:A:GLY:HA3	1:30:A:LEU:HD12	4	0.47	0.28	0.45
(5,2036)	1:28:A:GLY:HA3	1:30:A:LEU:HD13	4	0.47	0.28	0.45
(5,2036)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	4	0.47	0.28	0.45
(5,2036)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	4	0.47	0.28	0.45
(5,2036)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	4	0.47	0.28	0.45
(1,1944)	1:10:A:ASN:HB3	1:14:A:VAL:HG11	4	0.47	0.08	0.46
(1,1944)	1:10:A:ASN:HB3	1:14:A:VAL:HG12	4	0.47	0.08	0.46
(1,1944)	1:10:A:ASN:HB3	1:14:A:VAL:HG13	4	0.47	0.08	0.46
(1,1944)	1:10:A:ASN:HB3	1:14:A:VAL:HG21	4	0.47	0.08	0.46
(1,1944)	1:10:A:ASN:HB3	1:14:A:VAL:HG22	4	0.47	0.08	0.46
(1,1944)	1:10:A:ASN:HB3	1:14:A:VAL:HG23	4	0.47	0.08	0.46
(2,1967)	1:10:A:ASN:HB3	1:14:A:VAL:HG11	4	0.47	0.08	0.46
(2,1967)	1:10:A:ASN:HB3	1:14:A:VAL:HG12	4	0.47	0.08	0.46
(2,1967)	1:10:A:ASN:HB3	1:14:A:VAL:HG13	4	0.47	0.08	0.46
(2,1967)	1:10:A:ASN:HB3	1:14:A:VAL:HG21	4	0.47	0.08	0.46
(2,1967)	1:10:A:ASN:HB3	1:14:A:VAL:HG22	4	0.47	0.08	0.46
(2,1967)	1:10:A:ASN:HB3	1:14:A:VAL:HG23	4	0.47	0.08	0.46
(16,490)	1:98:A:ILE:H	1:105:A:LYS:H	4	0.47	0.19	0.56
(2,1144)	1:37:A:LEU:HA	1:40:A:LEU:HB3	4	0.47	0.16	0.4
(9,1155)	1:37:A:LEU:HA	1:40:A:LEU:HB3	4	0.47	0.16	0.4
(29,1165)	1:37:A:LEU:HA	1:40:A:LEU:HB3	4	0.47	0.16	0.4
(30,1151)	1:37:A:LEU:HA	1:40:A:LEU:HB3	4	0.47	0.16	0.4
(34,1179)	1:37:A:LEU:HA	1:40:A:LEU:HB3	4	0.47	0.16	0.4
(1,226)	1:110:A:MET:HG2	1:114:A:ILE:H	4	0.47	0.05	0.48
(1,226)	1:110:A:MET:HG3	1:114:A:ILE:H	4	0.47	0.05	0.48
(2,214)	1:110:A:MET:HG2	1:114:A:ILE:H	4	0.47	0.05	0.48
(2,214)	1:110:A:MET:HG3	1:114:A:ILE:H	4	0.47	0.05	0.48
(3,215)	1:110:A:MET:HG2	1:114:A:ILE:H	4	0.47	0.05	0.48
(3,215)	1:110:A:MET:HG3	1:114:A:ILE:H	4	0.47	0.05	0.48
(7,217)	1:110:A:MET:HG2	1:114:A:ILE:H	4	0.47	0.05	0.48
(7,217)	1:110:A:MET:HG3	1:114:A:ILE:H	4	0.47	0.05	0.48
(7,1394)	1:149:A:ALA:HB1	1:151:A:PHE:H	4	0.47	0.2	0.48
(7,1394)	1:149:A:ALA:HB2	1:151:A:PHE:H	4	0.47	0.2	0.48
(7,1394)	1:149:A:ALA:HB3	1:151:A:PHE:H	4	0.47	0.2	0.48
(11,213)	1:110:A:MET:HG2	1:114:A:ILE:H	4	0.47	0.05	0.48
(11,213)	1:110:A:MET:HG3	1:114:A:ILE:H	4	0.47	0.05	0.48
(15,222)	1:110:A:MET:HG2	1:114:A:ILE:H	4	0.47	0.05	0.48
(15,222)	1:110:A:MET:HG3	1:114:A:ILE:H	4	0.47	0.05	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,221)	1:110:A:MET:HG2	1:114:A:ILE:H	4	0.47	0.05	0.48
(29,221)	1:110:A:MET:HG3	1:114:A:ILE:H	4	0.47	0.05	0.48
(30,217)	1:110:A:MET:HG2	1:114:A:ILE:H	4	0.47	0.05	0.48
(30,217)	1:110:A:MET:HG3	1:114:A:ILE:H	4	0.47	0.05	0.48
(32,208)	1:110:A:MET:HG2	1:114:A:ILE:H	4	0.47	0.05	0.48
(32,208)	1:110:A:MET:HG3	1:114:A:ILE:H	4	0.47	0.05	0.48
(33,214)	1:110:A:MET:HG2	1:114:A:ILE:H	4	0.47	0.05	0.48
(33,214)	1:110:A:MET:HG3	1:114:A:ILE:H	4	0.47	0.05	0.48
(34,221)	1:110:A:MET:HG2	1:114:A:ILE:H	4	0.47	0.05	0.48
(34,221)	1:110:A:MET:HG3	1:114:A:ILE:H	4	0.47	0.05	0.48
(17,2023)	1:16:A:SER:HB2	1:43:A:MET:HE1	4	0.47	0.3	0.41
(17,2023)	1:16:A:SER:HB2	1:43:A:MET:HE2	4	0.47	0.3	0.41
(17,2023)	1:16:A:SER:HB2	1:43:A:MET:HE3	4	0.47	0.3	0.41
(17,2023)	1:16:A:SER:HB3	1:43:A:MET:HE1	4	0.47	0.3	0.41
(17,2023)	1:16:A:SER:HB3	1:43:A:MET:HE2	4	0.47	0.3	0.41
(17,2023)	1:16:A:SER:HB3	1:43:A:MET:HE3	4	0.47	0.3	0.41
(18,1807)	1:18:A:PHE:HE1	1:131:A:LEU:HB2	4	0.47	0.19	0.48
(18,1807)	1:18:A:PHE:HE2	1:131:A:LEU:HB2	4	0.47	0.19	0.48
(2,1488)	1:101:A:ILE:HG21	1:103:A:ARG:HA	4	0.46	0.12	0.45
(2,1488)	1:101:A:ILE:HG22	1:103:A:ARG:HA	4	0.46	0.12	0.45
(2,1488)	1:101:A:ILE:HG23	1:103:A:ARG:HA	4	0.46	0.12	0.45
(6,1744)	1:105:A:LYS:HG3	1:106:A:ASP:HA	4	0.46	0.04	0.47
(9,2029)	1:28:A:GLY:HA2	1:30:A:LEU:HD11	4	0.46	0.28	0.44
(9,2029)	1:28:A:GLY:HA2	1:30:A:LEU:HD12	4	0.46	0.28	0.44
(9,2029)	1:28:A:GLY:HA2	1:30:A:LEU:HD13	4	0.46	0.28	0.44
(9,2029)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	4	0.46	0.28	0.44
(9,2029)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	4	0.46	0.28	0.44
(9,2029)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	4	0.46	0.28	0.44
(9,2029)	1:28:A:GLY:HA3	1:30:A:LEU:HD11	4	0.46	0.28	0.44
(9,2029)	1:28:A:GLY:HA3	1:30:A:LEU:HD12	4	0.46	0.28	0.44
(9,2029)	1:28:A:GLY:HA3	1:30:A:LEU:HD13	4	0.46	0.28	0.44
(9,2029)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	4	0.46	0.28	0.44
(9,2029)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	4	0.46	0.28	0.44
(9,2029)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	4	0.46	0.28	0.44
(15,1727)	1:105:A:LYS:HG3	1:106:A:ASP:HA	4	0.46	0.04	0.47
(33,1735)	1:105:A:LYS:HG3	1:106:A:ASP:HA	4	0.46	0.04	0.47
(1,1684)	1:110:A:MET:HB3	1:111:A:GLU:HB2	4	0.46	0.09	0.45
(1,1684)	1:110:A:MET:HB3	1:111:A:GLU:HB3	4	0.46	0.09	0.45
(5,1694)	1:110:A:MET:HB3	1:111:A:GLU:HB2	4	0.46	0.09	0.45
(5,1694)	1:110:A:MET:HB3	1:111:A:GLU:HB3	4	0.46	0.09	0.45
(18,1660)	1:110:A:MET:HB3	1:111:A:GLU:HB2	4	0.46	0.09	0.45
(18,1660)	1:110:A:MET:HB3	1:111:A:GLU:HB3	4	0.46	0.09	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,1695)	1:110:A:MET:HB3	1:111:A:GLU:HB2	4	0.46	0.09	0.45
(29,1695)	1:110:A:MET:HB3	1:111:A:GLU:HB3	4	0.46	0.09	0.45
(9,1110)	1:41:A:LYS:HA	1:44:A:GLU:HG2	4	0.46	0.19	0.48
(29,1122)	1:41:A:LYS:HA	1:44:A:GLU:HG2	4	0.46	0.19	0.48
(33,1107)	1:41:A:LYS:HA	1:44:A:GLU:HG2	4	0.46	0.19	0.48
(17,1573)	1:39:A:VAL:H	1:139:A:LEU:HD11	4	0.46	0.16	0.52
(17,1573)	1:39:A:VAL:H	1:139:A:LEU:HD12	4	0.46	0.16	0.52
(17,1573)	1:39:A:VAL:H	1:139:A:LEU:HD13	4	0.46	0.16	0.52
(29,2422)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	4	0.46	0.23	0.46
(29,2422)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	4	0.46	0.23	0.46
(29,2422)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	4	0.46	0.23	0.46
(29,2422)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	4	0.46	0.23	0.46
(29,2422)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	4	0.46	0.23	0.46
(29,2422)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	4	0.46	0.23	0.46
(7,2222)	1:68:A:LYS:H	1:69:A:MET:HG2	4	0.46	0.23	0.48
(7,2222)	1:68:A:LYS:H	1:69:A:MET:HG3	4	0.46	0.23	0.48
(17,2299)	1:98:A:ILE:H	1:104:A:PHE:HB2	4	0.46	0.19	0.5
(17,2299)	1:98:A:ILE:H	1:104:A:PHE:HB3	4	0.46	0.19	0.5
(6,1824)	1:18:A:PHE:HE1	1:131:A:LEU:HB2	4	0.46	0.19	0.47
(6,1824)	1:18:A:PHE:HE2	1:131:A:LEU:HB2	4	0.46	0.19	0.47
(5,144)	1:131:A:LEU:H	1:131:A:LEU:HG	4	0.46	0.22	0.42
(6,149)	1:131:A:LEU:H	1:131:A:LEU:HG	4	0.46	0.22	0.42
(17,151)	1:131:A:LEU:H	1:131:A:LEU:HG	4	0.46	0.22	0.42
(18,151)	1:131:A:LEU:H	1:131:A:LEU:HG	4	0.46	0.22	0.42
(29,1668)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	4	0.46	0.3	0.32
(29,1668)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	4	0.46	0.3	0.32
(29,1668)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	4	0.46	0.3	0.32
(29,1668)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	4	0.46	0.3	0.32
(29,1668)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	4	0.46	0.3	0.32
(29,1668)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	4	0.46	0.3	0.32
(29,1668)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	4	0.46	0.3	0.32
(29,1668)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	4	0.46	0.3	0.32
(29,1668)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	4	0.46	0.3	0.32
(4,1719)	1:18:A:PHE:HB3	1:132:A:ALA:HA	4	0.45	0.23	0.49
(4,1719)	1:18:A:PHE:HB2	1:132:A:ALA:HA	4	0.45	0.23	0.49
(17,709)	1:23:A:LEU:HD21	1:27:A:ARG:HE	4	0.45	0.11	0.5
(17,709)	1:23:A:LEU:HD22	1:27:A:ARG:HE	4	0.45	0.11	0.5
(17,709)	1:23:A:LEU:HD23	1:27:A:ARG:HE	4	0.45	0.11	0.5
(32,1693)	1:18:A:PHE:HB3	1:132:A:ALA:HA	4	0.45	0.23	0.49
(32,1693)	1:18:A:PHE:HB2	1:132:A:ALA:HA	4	0.45	0.23	0.49
(34,2148)	1:42:A:GLU:HB2	1:139:A:LEU:HD11	4	0.45	0.21	0.4
(34,2148)	1:42:A:GLU:HB2	1:139:A:LEU:HD12	4	0.45	0.21	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,2148)	1:42:A:GLU:HB2	1:139:A:LEU:HD13	4	0.45	0.21	0.4
(34,2148)	1:42:A:GLU:HB2	1:139:A:LEU:HD21	4	0.45	0.21	0.4
(34,2148)	1:42:A:GLU:HB2	1:139:A:LEU:HD22	4	0.45	0.21	0.4
(34,2148)	1:42:A:GLU:HB2	1:139:A:LEU:HD23	4	0.45	0.21	0.4
(34,2148)	1:42:A:GLU:HB3	1:139:A:LEU:HD11	4	0.45	0.21	0.4
(34,2148)	1:42:A:GLU:HB3	1:139:A:LEU:HD12	4	0.45	0.21	0.4
(34,2148)	1:42:A:GLU:HB3	1:139:A:LEU:HD13	4	0.45	0.21	0.4
(34,2148)	1:42:A:GLU:HB3	1:139:A:LEU:HD21	4	0.45	0.21	0.4
(34,2148)	1:42:A:GLU:HB3	1:139:A:LEU:HD22	4	0.45	0.21	0.4
(34,2148)	1:42:A:GLU:HB3	1:139:A:LEU:HD23	4	0.45	0.21	0.4
(5,793)	1:63:A:ILE:HD11	1:117:A:VAL:HB	4	0.45	0.04	0.46
(5,793)	1:63:A:ILE:HD12	1:117:A:VAL:HB	4	0.45	0.04	0.46
(5,793)	1:63:A:ILE:HD13	1:117:A:VAL:HB	4	0.45	0.04	0.46
(15,800)	1:63:A:ILE:HD11	1:117:A:VAL:HB	4	0.45	0.04	0.46
(15,800)	1:63:A:ILE:HD12	1:117:A:VAL:HB	4	0.45	0.04	0.46
(15,800)	1:63:A:ILE:HD13	1:117:A:VAL:HB	4	0.45	0.04	0.46
(16,803)	1:63:A:ILE:HD11	1:117:A:VAL:HB	4	0.45	0.04	0.46
(16,803)	1:63:A:ILE:HD12	1:117:A:VAL:HB	4	0.45	0.04	0.46
(16,803)	1:63:A:ILE:HD13	1:117:A:VAL:HB	4	0.45	0.04	0.46
(18,807)	1:63:A:ILE:HD11	1:117:A:VAL:HB	4	0.45	0.04	0.46
(18,807)	1:63:A:ILE:HD12	1:117:A:VAL:HB	4	0.45	0.04	0.46
(18,807)	1:63:A:ILE:HD13	1:117:A:VAL:HB	4	0.45	0.04	0.46
(30,790)	1:63:A:ILE:HD11	1:117:A:VAL:HB	4	0.45	0.04	0.46
(30,790)	1:63:A:ILE:HD12	1:117:A:VAL:HB	4	0.45	0.04	0.46
(30,790)	1:63:A:ILE:HD13	1:117:A:VAL:HB	4	0.45	0.04	0.46
(33,796)	1:63:A:ILE:HD11	1:117:A:VAL:HB	4	0.45	0.04	0.46
(33,796)	1:63:A:ILE:HD12	1:117:A:VAL:HB	4	0.45	0.04	0.46
(33,796)	1:63:A:ILE:HD13	1:117:A:VAL:HB	4	0.45	0.04	0.46
(1,1801)	1:13:A:ALA:HA	1:80:A:TYR:HD1	4	0.45	0.2	0.42
(1,1801)	1:13:A:ALA:HA	1:80:A:TYR:HD2	4	0.45	0.2	0.42
(6,793)	1:55:A:GLY:H	1:58:A:ILE:HD11	4	0.45	0.17	0.44
(6,793)	1:55:A:GLY:H	1:58:A:ILE:HD12	4	0.45	0.17	0.44
(6,793)	1:55:A:GLY:H	1:58:A:ILE:HD13	4	0.45	0.17	0.44
(17,1121)	1:41:A:LYS:HA	1:44:A:GLU:HG2	4	0.45	0.19	0.48
(18,1770)	1:13:A:ALA:HA	1:80:A:TYR:HD1	4	0.45	0.2	0.42
(18,1770)	1:13:A:ALA:HA	1:80:A:TYR:HD2	4	0.45	0.2	0.42
(9,1638)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	4	0.44	0.19	0.41
(9,1638)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	4	0.44	0.19	0.41
(9,1638)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	4	0.44	0.19	0.41
(15,1643)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	4	0.44	0.19	0.41
(15,1643)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	4	0.44	0.19	0.41
(15,1643)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	4	0.44	0.19	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1641)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	4	0.44	0.19	0.41
(16,1641)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	4	0.44	0.19	0.41
(16,1641)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	4	0.44	0.19	0.41
(17,1663)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	4	0.44	0.19	0.41
(17,1663)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	4	0.44	0.19	0.41
(17,1663)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	4	0.44	0.19	0.41
(18,2173)	1:47:A:ALA:H	1:131:A:LEU:HD11	4	0.44	0.18	0.48
(18,2173)	1:47:A:ALA:H	1:131:A:LEU:HD12	4	0.44	0.18	0.48
(18,2173)	1:47:A:ALA:H	1:131:A:LEU:HD13	4	0.44	0.18	0.48
(18,2173)	1:47:A:ALA:H	1:131:A:LEU:HD21	4	0.44	0.18	0.48
(18,2173)	1:47:A:ALA:H	1:131:A:LEU:HD22	4	0.44	0.18	0.48
(18,2173)	1:47:A:ALA:H	1:131:A:LEU:HD23	4	0.44	0.18	0.48
(32,2161)	1:47:A:ALA:H	1:131:A:LEU:HD11	4	0.44	0.18	0.48
(32,2161)	1:47:A:ALA:H	1:131:A:LEU:HD12	4	0.44	0.18	0.48
(32,2161)	1:47:A:ALA:H	1:131:A:LEU:HD13	4	0.44	0.18	0.48
(32,2161)	1:47:A:ALA:H	1:131:A:LEU:HD21	4	0.44	0.18	0.48
(32,2161)	1:47:A:ALA:H	1:131:A:LEU:HD22	4	0.44	0.18	0.48
(32,2161)	1:47:A:ALA:H	1:131:A:LEU:HD23	4	0.44	0.18	0.48
(5,1499)	1:101:A:ILE:HG21	1:103:A:ARG:HA	4	0.44	0.12	0.43
(5,1499)	1:101:A:ILE:HG22	1:103:A:ARG:HA	4	0.44	0.12	0.43
(5,1499)	1:101:A:ILE:HG23	1:103:A:ARG:HA	4	0.44	0.12	0.43
(2,1969)	1:10:A:ASN:HD21	1:12:A:VAL:HG11	4	0.44	0.25	0.4
(2,1969)	1:10:A:ASN:HD21	1:12:A:VAL:HG12	4	0.44	0.25	0.4
(2,1969)	1:10:A:ASN:HD21	1:12:A:VAL:HG13	4	0.44	0.25	0.4
(2,1969)	1:10:A:ASN:HD21	1:12:A:VAL:HG21	4	0.44	0.25	0.4
(2,1969)	1:10:A:ASN:HD21	1:12:A:VAL:HG22	4	0.44	0.25	0.4
(2,1969)	1:10:A:ASN:HD21	1:12:A:VAL:HG23	4	0.44	0.25	0.4
(2,1969)	1:10:A:ASN:HD22	1:12:A:VAL:HG11	4	0.44	0.25	0.4
(2,1969)	1:10:A:ASN:HD22	1:12:A:VAL:HG12	4	0.44	0.25	0.4
(2,1969)	1:10:A:ASN:HD22	1:12:A:VAL:HG13	4	0.44	0.25	0.4
(2,1969)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	4	0.44	0.25	0.4
(2,1969)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	4	0.44	0.25	0.4
(2,1969)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	4	0.44	0.25	0.4
(11,2039)	1:18:A:PHE:HB2	1:132:A:ALA:H	4	0.44	0.21	0.48
(11,2039)	1:18:A:PHE:HB3	1:132:A:ALA:H	4	0.44	0.21	0.48
(16,2012)	1:18:A:PHE:HB2	1:132:A:ALA:H	4	0.44	0.21	0.48
(16,2012)	1:18:A:PHE:HB3	1:132:A:ALA:H	4	0.44	0.21	0.48
(32,1994)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	4	0.44	0.38	0.28
(32,1994)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	4	0.44	0.38	0.28
(32,1994)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	4	0.44	0.38	0.28
(32,1994)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	4	0.44	0.38	0.28
(32,1994)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	4	0.44	0.38	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,1994)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	4	0.44	0.38	0.28
(32,1994)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	4	0.44	0.38	0.28
(32,1994)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	4	0.44	0.38	0.28
(32,1994)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	4	0.44	0.38	0.28
(32,1994)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	4	0.44	0.38	0.28
(32,1994)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	4	0.44	0.38	0.28
(32,1994)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	4	0.44	0.38	0.28
(4,2462)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	4	0.44	0.23	0.44
(4,2462)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	4	0.44	0.23	0.44
(4,2462)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	4	0.44	0.23	0.44
(4,2462)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	4	0.44	0.23	0.44
(4,2462)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	4	0.44	0.23	0.44
(4,2462)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	4	0.44	0.23	0.44
(34,2476)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	4	0.44	0.23	0.44
(34,2476)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	4	0.44	0.23	0.44
(34,2476)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	4	0.44	0.23	0.44
(34,2476)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	4	0.44	0.23	0.44
(34,2476)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	4	0.44	0.23	0.44
(34,2476)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	4	0.44	0.23	0.44
(9,798)	1:55:A:GLY:H	1:58:A:ILE:HD11	4	0.44	0.17	0.43
(9,798)	1:55:A:GLY:H	1:58:A:ILE:HD12	4	0.44	0.17	0.43
(9,798)	1:55:A:GLY:H	1:58:A:ILE:HD13	4	0.44	0.17	0.43
(1,811)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	4	0.44	0.22	0.42
(1,811)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	4	0.44	0.22	0.42
(1,811)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	4	0.44	0.22	0.42
(3,813)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	4	0.44	0.22	0.42
(3,813)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	4	0.44	0.22	0.42
(3,813)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	4	0.44	0.22	0.42
(5,798)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	4	0.44	0.22	0.42
(5,798)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	4	0.44	0.22	0.42
(5,798)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	4	0.44	0.22	0.42
(6,792)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	4	0.44	0.22	0.42
(6,792)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	4	0.44	0.22	0.42
(6,792)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	4	0.44	0.22	0.42
(11,799)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	4	0.44	0.22	0.42
(11,799)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	4	0.44	0.22	0.42
(11,799)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	4	0.44	0.22	0.42
(15,803)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	4	0.44	0.22	0.42
(15,803)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	4	0.44	0.22	0.42
(15,803)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	4	0.44	0.22	0.42
(17,808)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	4	0.44	0.22	0.42
(17,808)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	4	0.44	0.22	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,808)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	4	0.44	0.22	0.42
(18,809)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	4	0.44	0.22	0.42
(18,809)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	4	0.44	0.22	0.42
(18,809)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	4	0.44	0.22	0.42
(30,795)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	4	0.44	0.22	0.42
(30,795)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	4	0.44	0.22	0.42
(30,795)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	4	0.44	0.22	0.42
(33,800)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	4	0.44	0.22	0.42
(33,800)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	4	0.44	0.22	0.42
(33,800)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	4	0.44	0.22	0.42
(15,698)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	4	0.44	0.27	0.34
(15,698)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	4	0.44	0.27	0.34
(15,2083)	1:39:A:VAL:HG11	1:43:A:MET:HB2	4	0.43	0.32	0.38
(15,2083)	1:39:A:VAL:HG12	1:43:A:MET:HB2	4	0.43	0.32	0.38
(15,2083)	1:39:A:VAL:HG13	1:43:A:MET:HB2	4	0.43	0.32	0.38
(15,2083)	1:39:A:VAL:HG21	1:43:A:MET:HB2	4	0.43	0.32	0.38
(15,2083)	1:39:A:VAL:HG22	1:43:A:MET:HB2	4	0.43	0.32	0.38
(15,2083)	1:39:A:VAL:HG23	1:43:A:MET:HB2	4	0.43	0.32	0.38
(2,1877)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	4	0.43	0.27	0.29
(2,1877)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	4	0.43	0.27	0.29
(2,1877)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	4	0.43	0.27	0.29
(2,1877)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	4	0.43	0.27	0.29
(32,869)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	4	0.43	0.1	0.44
(32,869)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	4	0.43	0.1	0.44
(32,869)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	4	0.43	0.1	0.44
(33,895)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	4	0.43	0.1	0.44
(33,895)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	4	0.43	0.1	0.44
(33,895)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	4	0.43	0.1	0.44
(1,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD21	4	0.43	0.25	0.4
(1,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD22	4	0.43	0.25	0.4
(1,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD23	4	0.43	0.25	0.4
(4,1535)	1:38:A:GLU:HA	1:139:A:LEU:HD21	4	0.43	0.25	0.4
(4,1535)	1:38:A:GLU:HA	1:139:A:LEU:HD22	4	0.43	0.25	0.4
(4,1535)	1:38:A:GLU:HA	1:139:A:LEU:HD23	4	0.43	0.25	0.4
(5,1564)	1:38:A:GLU:HA	1:139:A:LEU:HD21	4	0.43	0.25	0.4
(5,1564)	1:38:A:GLU:HA	1:139:A:LEU:HD22	4	0.43	0.25	0.4
(5,1564)	1:38:A:GLU:HA	1:139:A:LEU:HD23	4	0.43	0.25	0.4
(6,1551)	1:38:A:GLU:HA	1:139:A:LEU:HD21	4	0.43	0.25	0.4
(6,1551)	1:38:A:GLU:HA	1:139:A:LEU:HD22	4	0.43	0.25	0.4
(6,1551)	1:38:A:GLU:HA	1:139:A:LEU:HD23	4	0.43	0.25	0.4
(9,1546)	1:38:A:GLU:HA	1:139:A:LEU:HD21	4	0.43	0.25	0.4
(9,1546)	1:38:A:GLU:HA	1:139:A:LEU:HD22	4	0.43	0.25	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,1546)	1:38:A:GLU:HA	1:139:A:LEU:HD23	4	0.43	0.25	0.4
(15,1540)	1:38:A:GLU:HA	1:139:A:LEU:HD21	4	0.43	0.25	0.4
(15,1540)	1:38:A:GLU:HA	1:139:A:LEU:HD22	4	0.43	0.25	0.4
(15,1540)	1:38:A:GLU:HA	1:139:A:LEU:HD23	4	0.43	0.25	0.4
(18,1540)	1:38:A:GLU:HA	1:139:A:LEU:HD21	4	0.43	0.25	0.4
(18,1540)	1:38:A:GLU:HA	1:139:A:LEU:HD22	4	0.43	0.25	0.4
(18,1540)	1:38:A:GLU:HA	1:139:A:LEU:HD23	4	0.43	0.25	0.4
(32,1512)	1:38:A:GLU:HA	1:139:A:LEU:HD21	4	0.43	0.25	0.4
(32,1512)	1:38:A:GLU:HA	1:139:A:LEU:HD22	4	0.43	0.25	0.4
(32,1512)	1:38:A:GLU:HA	1:139:A:LEU:HD23	4	0.43	0.25	0.4
(33,2254)	1:69:A:MET:HG2	1:73:A:ILE:HD11	4	0.43	0.06	0.44
(33,2254)	1:69:A:MET:HG2	1:73:A:ILE:HD12	4	0.43	0.06	0.44
(33,2254)	1:69:A:MET:HG2	1:73:A:ILE:HD13	4	0.43	0.06	0.44
(33,2254)	1:69:A:MET:HG3	1:73:A:ILE:HD11	4	0.43	0.06	0.44
(33,2254)	1:69:A:MET:HG3	1:73:A:ILE:HD12	4	0.43	0.06	0.44
(33,2254)	1:69:A:MET:HG3	1:73:A:ILE:HD13	4	0.43	0.06	0.44
(1,1)	1:39:A:VAL:HG21	1:143:A:TRP:HE1	4	0.43	0.27	0.41
(1,1)	1:39:A:VAL:HG22	1:143:A:TRP:HE1	4	0.43	0.27	0.41
(1,1)	1:39:A:VAL:HG23	1:143:A:TRP:HE1	4	0.43	0.27	0.41
(5,1300)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	4	0.43	0.26	0.38
(5,1300)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	4	0.43	0.26	0.38
(5,1300)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	4	0.43	0.26	0.38
(13,2062)	1:39:A:VAL:HG11	1:43:A:MET:HG2	4	0.42	0.14	0.5
(13,2062)	1:39:A:VAL:HG12	1:43:A:MET:HG2	4	0.42	0.14	0.5
(13,2062)	1:39:A:VAL:HG13	1:43:A:MET:HG2	4	0.42	0.14	0.5
(13,2062)	1:39:A:VAL:HG21	1:43:A:MET:HG2	4	0.42	0.14	0.5
(13,2062)	1:39:A:VAL:HG22	1:43:A:MET:HG2	4	0.42	0.14	0.5
(13,2062)	1:39:A:VAL:HG23	1:43:A:MET:HG2	4	0.42	0.14	0.5
(13,2062)	1:39:A:VAL:HG11	1:43:A:MET:HG3	4	0.42	0.14	0.5
(13,2062)	1:39:A:VAL:HG12	1:43:A:MET:HG3	4	0.42	0.14	0.5
(13,2062)	1:39:A:VAL:HG13	1:43:A:MET:HG3	4	0.42	0.14	0.5
(13,2062)	1:39:A:VAL:HG21	1:43:A:MET:HG3	4	0.42	0.14	0.5
(13,2062)	1:39:A:VAL:HG22	1:43:A:MET:HG3	4	0.42	0.14	0.5
(13,2062)	1:39:A:VAL:HG23	1:43:A:MET:HG3	4	0.42	0.14	0.5
(6,1485)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	4	0.42	0.25	0.38
(6,1485)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	4	0.42	0.25	0.38
(6,1485)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	4	0.42	0.25	0.38
(6,1485)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	4	0.42	0.25	0.38
(6,1485)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	4	0.42	0.25	0.38
(6,1485)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	4	0.42	0.25	0.38
(6,1485)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	4	0.42	0.25	0.38
(6,1485)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	4	0.42	0.25	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,1485)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	4	0.42	0.25	0.38
(13,1752)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	4	0.42	0.3	0.3
(13,1752)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	4	0.42	0.3	0.3
(13,1752)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	4	0.42	0.3	0.3
(13,1752)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	4	0.42	0.3	0.3
(13,1752)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	4	0.42	0.3	0.3
(13,1752)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	4	0.42	0.3	0.3
(13,1752)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	4	0.42	0.3	0.3
(13,1752)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	4	0.42	0.3	0.3
(13,1752)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	4	0.42	0.3	0.3
(13,1752)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	4	0.42	0.3	0.3
(13,1752)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	4	0.42	0.3	0.3
(13,1752)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	4	0.42	0.3	0.3
(5,420)	1:39:A:VAL:HG21	1:143:A:TRP:H	4	0.42	0.19	0.41
(5,420)	1:39:A:VAL:HG22	1:143:A:TRP:H	4	0.42	0.19	0.41
(5,420)	1:39:A:VAL:HG23	1:143:A:TRP:H	4	0.42	0.19	0.41
(29,431)	1:39:A:VAL:HG21	1:143:A:TRP:H	4	0.42	0.19	0.41
(29,431)	1:39:A:VAL:HG22	1:143:A:TRP:H	4	0.42	0.19	0.41
(29,431)	1:39:A:VAL:HG23	1:143:A:TRP:H	4	0.42	0.19	0.41
(5,1979)	1:14:A:VAL:HB	1:57:A:LEU:HD11	4	0.42	0.06	0.43
(5,1979)	1:14:A:VAL:HB	1:57:A:LEU:HD12	4	0.42	0.06	0.43
(5,1979)	1:14:A:VAL:HB	1:57:A:LEU:HD13	4	0.42	0.06	0.43
(5,1979)	1:14:A:VAL:HB	1:57:A:LEU:HD21	4	0.42	0.06	0.43
(5,1979)	1:14:A:VAL:HB	1:57:A:LEU:HD22	4	0.42	0.06	0.43
(5,1979)	1:14:A:VAL:HB	1:57:A:LEU:HD23	4	0.42	0.06	0.43
(33,313)	1:43:A:MET:H	1:140:A:LEU:HD21	4	0.42	0.26	0.33
(33,313)	1:43:A:MET:H	1:140:A:LEU:HD22	4	0.42	0.26	0.33
(33,313)	1:43:A:MET:H	1:140:A:LEU:HD23	4	0.42	0.26	0.33
(5,1591)	1:61:A:SER:HA	1:63:A:ILE:HD11	4	0.42	0.23	0.44
(5,1591)	1:61:A:SER:HA	1:63:A:ILE:HD12	4	0.42	0.23	0.44
(5,1591)	1:61:A:SER:HA	1:63:A:ILE:HD13	4	0.42	0.23	0.44
(1,1870)	1:9:A:PHE:HZ	1:11:A:ILE:HA	4	0.41	0.17	0.42
(1,2044)	1:28:A:GLY:HA2	1:30:A:LEU:HD11	4	0.41	0.28	0.39
(1,2044)	1:28:A:GLY:HA2	1:30:A:LEU:HD12	4	0.41	0.28	0.39
(1,2044)	1:28:A:GLY:HA2	1:30:A:LEU:HD13	4	0.41	0.28	0.39
(1,2044)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	4	0.41	0.28	0.39
(1,2044)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	4	0.41	0.28	0.39
(1,2044)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	4	0.41	0.28	0.39
(1,2044)	1:28:A:GLY:HA3	1:30:A:LEU:HD11	4	0.41	0.28	0.39
(1,2044)	1:28:A:GLY:HA3	1:30:A:LEU:HD12	4	0.41	0.28	0.39
(1,2044)	1:28:A:GLY:HA3	1:30:A:LEU:HD13	4	0.41	0.28	0.39
(1,2044)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	4	0.41	0.28	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2044)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	4	0.41	0.28	0.39
(1,2044)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	4	0.41	0.28	0.39
(4,1831)	1:9:A:PHE:HZ	1:11:A:ILE:HA	4	0.41	0.17	0.42
(6,1860)	1:9:A:PHE:HZ	1:11:A:ILE:HA	4	0.41	0.17	0.42
(9,1847)	1:9:A:PHE:HZ	1:11:A:ILE:HA	4	0.41	0.17	0.42
(17,1872)	1:9:A:PHE:HZ	1:11:A:ILE:HA	4	0.41	0.17	0.42
(34,1865)	1:9:A:PHE:HZ	1:11:A:ILE:HA	4	0.41	0.17	0.42
(34,1199)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	4	0.41	0.22	0.33
(34,1199)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	4	0.41	0.22	0.33
(34,1199)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	4	0.41	0.22	0.33
(34,1199)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	4	0.41	0.22	0.33
(34,1199)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	4	0.41	0.22	0.33
(34,1199)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	4	0.41	0.22	0.33
(3,2075)	1:29:A:LYS:HA	1:30:A:LEU:HD11	4	0.41	0.29	0.33
(3,2075)	1:29:A:LYS:HA	1:30:A:LEU:HD12	4	0.41	0.29	0.33
(3,2075)	1:29:A:LYS:HA	1:30:A:LEU:HD13	4	0.41	0.29	0.33
(3,2075)	1:29:A:LYS:HA	1:30:A:LEU:HD21	4	0.41	0.29	0.33
(3,2075)	1:29:A:LYS:HA	1:30:A:LEU:HD22	4	0.41	0.29	0.33
(3,2075)	1:29:A:LYS:HA	1:30:A:LEU:HD23	4	0.41	0.29	0.33
(5,2038)	1:29:A:LYS:HA	1:30:A:LEU:HD11	4	0.41	0.29	0.33
(5,2038)	1:29:A:LYS:HA	1:30:A:LEU:HD12	4	0.41	0.29	0.33
(5,2038)	1:29:A:LYS:HA	1:30:A:LEU:HD13	4	0.41	0.29	0.33
(5,2038)	1:29:A:LYS:HA	1:30:A:LEU:HD21	4	0.41	0.29	0.33
(5,2038)	1:29:A:LYS:HA	1:30:A:LEU:HD22	4	0.41	0.29	0.33
(5,2038)	1:29:A:LYS:HA	1:30:A:LEU:HD23	4	0.41	0.29	0.33
(15,1803)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	4	0.41	0.13	0.36
(15,1803)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	4	0.41	0.13	0.36
(15,1803)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	4	0.41	0.13	0.36
(15,1803)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	4	0.41	0.13	0.36
(15,1803)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	4	0.41	0.13	0.36
(15,1803)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	4	0.41	0.13	0.36
(29,2067)	1:29:A:LYS:HA	1:30:A:LEU:HD11	4	0.41	0.29	0.33
(29,2067)	1:29:A:LYS:HA	1:30:A:LEU:HD12	4	0.41	0.29	0.33
(29,2067)	1:29:A:LYS:HA	1:30:A:LEU:HD13	4	0.41	0.29	0.33
(29,2067)	1:29:A:LYS:HA	1:30:A:LEU:HD21	4	0.41	0.29	0.33
(29,2067)	1:29:A:LYS:HA	1:30:A:LEU:HD22	4	0.41	0.29	0.33
(29,2067)	1:29:A:LYS:HA	1:30:A:LEU:HD23	4	0.41	0.29	0.33
(4,1776)	1:9:A:PHE:HD1	1:11:A:ILE:HB	4	0.41	0.24	0.33
(4,1776)	1:9:A:PHE:HD2	1:11:A:ILE:HB	4	0.41	0.24	0.33
(13,2398)	1:131:A:LEU:H	1:134:A:VAL:HG11	4	0.41	0.12	0.38
(13,2398)	1:131:A:LEU:H	1:134:A:VAL:HG12	4	0.41	0.12	0.38
(13,2398)	1:131:A:LEU:H	1:134:A:VAL:HG13	4	0.41	0.12	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,2398)	1:131:A:LEU:H	1:134:A:VAL:HG21	4	0.41	0.12	0.38
(13,2398)	1:131:A:LEU:H	1:134:A:VAL:HG22	4	0.41	0.12	0.38
(13,2398)	1:131:A:LEU:H	1:134:A:VAL:HG23	4	0.41	0.12	0.38
(15,1786)	1:9:A:PHE:HD1	1:11:A:ILE:HB	4	0.41	0.24	0.33
(15,1786)	1:9:A:PHE:HD2	1:11:A:ILE:HB	4	0.41	0.24	0.33
(17,1812)	1:9:A:PHE:HD1	1:11:A:ILE:HB	4	0.41	0.24	0.33
(17,1812)	1:9:A:PHE:HD2	1:11:A:ILE:HB	4	0.41	0.24	0.33
(18,1782)	1:9:A:PHE:HD1	1:11:A:ILE:HB	4	0.41	0.24	0.33
(18,1782)	1:9:A:PHE:HD2	1:11:A:ILE:HB	4	0.41	0.24	0.33
(34,2432)	1:131:A:LEU:H	1:134:A:VAL:HG11	4	0.41	0.12	0.38
(34,2432)	1:131:A:LEU:H	1:134:A:VAL:HG12	4	0.41	0.12	0.38
(34,2432)	1:131:A:LEU:H	1:134:A:VAL:HG13	4	0.41	0.12	0.38
(34,2432)	1:131:A:LEU:H	1:134:A:VAL:HG21	4	0.41	0.12	0.38
(34,2432)	1:131:A:LEU:H	1:134:A:VAL:HG22	4	0.41	0.12	0.38
(34,2432)	1:131:A:LEU:H	1:134:A:VAL:HG23	4	0.41	0.12	0.38
(1,2208)	1:65:A:CYS:HB2	1:69:A:MET:HE1	4	0.4	0.22	0.44
(1,2208)	1:65:A:CYS:HB2	1:69:A:MET:HE2	4	0.4	0.22	0.44
(1,2208)	1:65:A:CYS:HB2	1:69:A:MET:HE3	4	0.4	0.22	0.44
(1,2208)	1:65:A:CYS:HB3	1:69:A:MET:HE1	4	0.4	0.22	0.44
(1,2208)	1:65:A:CYS:HB3	1:69:A:MET:HE2	4	0.4	0.22	0.44
(1,2208)	1:65:A:CYS:HB3	1:69:A:MET:HE3	4	0.4	0.22	0.44
(9,794)	1:54:A:ARG:HB3	1:58:A:ILE:HD11	4	0.4	0.08	0.38
(9,794)	1:54:A:ARG:HB3	1:58:A:ILE:HD12	4	0.4	0.08	0.38
(9,794)	1:54:A:ARG:HB3	1:58:A:ILE:HD13	4	0.4	0.08	0.38
(11,1606)	1:61:A:SER:HA	1:63:A:ILE:HD11	4	0.4	0.23	0.43
(11,1606)	1:61:A:SER:HA	1:63:A:ILE:HD12	4	0.4	0.23	0.43
(11,1606)	1:61:A:SER:HA	1:63:A:ILE:HD13	4	0.4	0.23	0.43
(13,886)	1:21:A:THR:HB	1:23:A:LEU:H	4	0.4	0.28	0.32
(1,754)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	4	0.4	0.33	0.24
(2,1512)	1:98:A:ILE:HG21	1:101:A:ILE:HB	4	0.4	0.16	0.36
(2,1512)	1:98:A:ILE:HG22	1:101:A:ILE:HB	4	0.4	0.16	0.36
(2,1512)	1:98:A:ILE:HG23	1:101:A:ILE:HB	4	0.4	0.16	0.36
(5,1528)	1:98:A:ILE:HG21	1:101:A:ILE:HB	4	0.4	0.16	0.36
(5,1528)	1:98:A:ILE:HG22	1:101:A:ILE:HB	4	0.4	0.16	0.36
(5,1528)	1:98:A:ILE:HG23	1:101:A:ILE:HB	4	0.4	0.16	0.36
(6,732)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	4	0.4	0.33	0.24
(6,1507)	1:98:A:ILE:HG21	1:101:A:ILE:HB	4	0.4	0.16	0.36
(6,1507)	1:98:A:ILE:HG22	1:101:A:ILE:HB	4	0.4	0.16	0.36
(6,1507)	1:98:A:ILE:HG23	1:101:A:ILE:HB	4	0.4	0.16	0.36
(7,1492)	1:98:A:ILE:HG21	1:101:A:ILE:HB	4	0.4	0.16	0.36
(7,1492)	1:98:A:ILE:HG22	1:101:A:ILE:HB	4	0.4	0.16	0.36
(7,1492)	1:98:A:ILE:HG23	1:101:A:ILE:HB	4	0.4	0.16	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,1507)	1:98:A:ILE:HG21	1:101:A:ILE:HB	4	0.4	0.16	0.36
(9,1507)	1:98:A:ILE:HG22	1:101:A:ILE:HB	4	0.4	0.16	0.36
(9,1507)	1:98:A:ILE:HG23	1:101:A:ILE:HB	4	0.4	0.16	0.36
(11,741)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	4	0.4	0.33	0.24
(11,1531)	1:98:A:ILE:HG21	1:101:A:ILE:HB	4	0.4	0.16	0.36
(11,1531)	1:98:A:ILE:HG22	1:101:A:ILE:HB	4	0.4	0.16	0.36
(11,1531)	1:98:A:ILE:HG23	1:101:A:ILE:HB	4	0.4	0.16	0.36
(13,726)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	4	0.4	0.33	0.24
(13,1484)	1:98:A:ILE:HG21	1:101:A:ILE:HB	4	0.4	0.16	0.36
(13,1484)	1:98:A:ILE:HG22	1:101:A:ILE:HB	4	0.4	0.16	0.36
(13,1484)	1:98:A:ILE:HG23	1:101:A:ILE:HB	4	0.4	0.16	0.36
(15,744)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	4	0.4	0.33	0.24
(16,1511)	1:98:A:ILE:HG21	1:101:A:ILE:HB	4	0.4	0.16	0.36
(16,1511)	1:98:A:ILE:HG22	1:101:A:ILE:HB	4	0.4	0.16	0.36
(16,1511)	1:98:A:ILE:HG23	1:101:A:ILE:HB	4	0.4	0.16	0.36
(17,745)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	4	0.4	0.33	0.24
(17,1534)	1:98:A:ILE:HG21	1:101:A:ILE:HB	4	0.4	0.16	0.36
(17,1534)	1:98:A:ILE:HG22	1:101:A:ILE:HB	4	0.4	0.16	0.36
(17,1534)	1:98:A:ILE:HG23	1:101:A:ILE:HB	4	0.4	0.16	0.36
(18,757)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	4	0.4	0.33	0.24
(29,754)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	4	0.4	0.33	0.24
(30,739)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	4	0.4	0.33	0.24
(30,1509)	1:98:A:ILE:HG21	1:101:A:ILE:HB	4	0.4	0.16	0.36
(30,1509)	1:98:A:ILE:HG22	1:101:A:ILE:HB	4	0.4	0.16	0.36
(30,1509)	1:98:A:ILE:HG23	1:101:A:ILE:HB	4	0.4	0.16	0.36
(32,726)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	4	0.4	0.33	0.24
(34,748)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	4	0.4	0.33	0.24
(34,1526)	1:98:A:ILE:HG21	1:101:A:ILE:HB	4	0.4	0.16	0.36
(34,1526)	1:98:A:ILE:HG22	1:101:A:ILE:HB	4	0.4	0.16	0.36
(34,1526)	1:98:A:ILE:HG23	1:101:A:ILE:HB	4	0.4	0.16	0.36
(1,956)	1:63:A:ILE:HG12	1:117:A:VAL:HA	4	0.4	0.2	0.32
(3,952)	1:63:A:ILE:HG12	1:117:A:VAL:HA	4	0.4	0.2	0.32
(4,930)	1:63:A:ILE:HG12	1:117:A:VAL:HA	4	0.4	0.2	0.32
(5,939)	1:63:A:ILE:HG12	1:117:A:VAL:HA	4	0.4	0.2	0.32
(11,1119)	1:41:A:LYS:HA	1:44:A:GLU:HG2	4	0.4	0.19	0.43
(11,1496)	1:45:A:ALA:HB1	1:48:A:ARG:HB2	4	0.4	0.17	0.39
(11,1496)	1:45:A:ALA:HB1	1:48:A:ARG:HB3	4	0.4	0.17	0.39
(11,1496)	1:45:A:ALA:HB2	1:48:A:ARG:HB2	4	0.4	0.17	0.39
(11,1496)	1:45:A:ALA:HB2	1:48:A:ARG:HB3	4	0.4	0.17	0.39
(11,1496)	1:45:A:ALA:HB3	1:48:A:ARG:HB2	4	0.4	0.17	0.39
(11,1496)	1:45:A:ALA:HB3	1:48:A:ARG:HB3	4	0.4	0.17	0.39
(15,932)	1:63:A:ILE:HG12	1:117:A:VAL:HA	4	0.4	0.2	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,942)	1:63:A:ILE:HG12	1:117:A:VAL:HA	4	0.4	0.2	0.32
(18,947)	1:63:A:ILE:HG12	1:117:A:VAL:HA	4	0.4	0.2	0.32
(29,946)	1:63:A:ILE:HG12	1:117:A:VAL:HA	4	0.4	0.2	0.32
(30,931)	1:63:A:ILE:HG12	1:117:A:VAL:HA	4	0.4	0.2	0.32
(33,940)	1:63:A:ILE:HG12	1:117:A:VAL:HA	4	0.4	0.2	0.32
(32,1748)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	4	0.4	0.18	0.4
(32,1748)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	4	0.4	0.18	0.4
(32,1748)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	4	0.4	0.18	0.4
(32,1748)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	4	0.4	0.18	0.4
(34,523)	1:70:A:LYS:HE2	1:71:A:LYS:H	4	0.4	0.28	0.33
(34,523)	1:70:A:LYS:HE3	1:71:A:LYS:H	4	0.4	0.28	0.33
(18,1957)	1:11:A:ILE:HG12	1:57:A:LEU:HD11	4	0.4	0.14	0.42
(18,1957)	1:11:A:ILE:HG12	1:57:A:LEU:HD12	4	0.4	0.14	0.42
(18,1957)	1:11:A:ILE:HG12	1:57:A:LEU:HD13	4	0.4	0.14	0.42
(18,1957)	1:11:A:ILE:HG12	1:57:A:LEU:HD21	4	0.4	0.14	0.42
(18,1957)	1:11:A:ILE:HG12	1:57:A:LEU:HD22	4	0.4	0.14	0.42
(18,1957)	1:11:A:ILE:HG12	1:57:A:LEU:HD23	4	0.4	0.14	0.42
(32,775)	1:54:A:ARG:HB3	1:58:A:ILE:HD11	4	0.4	0.08	0.38
(32,775)	1:54:A:ARG:HB3	1:58:A:ILE:HD12	4	0.4	0.08	0.38
(32,775)	1:54:A:ARG:HB3	1:58:A:ILE:HD13	4	0.4	0.08	0.38
(1,227)	1:44:A:GLU:HB2	1:48:A:ARG:H	4	0.39	0.11	0.42
(1,227)	1:44:A:GLU:HB3	1:48:A:ARG:H	4	0.39	0.11	0.42
(5,212)	1:44:A:GLU:HB2	1:48:A:ARG:H	4	0.39	0.11	0.42
(5,212)	1:44:A:GLU:HB3	1:48:A:ARG:H	4	0.39	0.11	0.42
(9,220)	1:44:A:GLU:HB2	1:48:A:ARG:H	4	0.39	0.11	0.42
(9,220)	1:44:A:GLU:HB3	1:48:A:ARG:H	4	0.39	0.11	0.42
(17,214)	1:44:A:GLU:HB2	1:48:A:ARG:H	4	0.39	0.11	0.42
(17,214)	1:44:A:GLU:HB3	1:48:A:ARG:H	4	0.39	0.11	0.42
(18,223)	1:44:A:GLU:HB2	1:48:A:ARG:H	4	0.39	0.11	0.42
(18,223)	1:44:A:GLU:HB3	1:48:A:ARG:H	4	0.39	0.11	0.42
(33,215)	1:44:A:GLU:HB2	1:48:A:ARG:H	4	0.39	0.11	0.42
(33,215)	1:44:A:GLU:HB3	1:48:A:ARG:H	4	0.39	0.11	0.42
(1,1958)	1:12:A:VAL:HA	1:40:A:LEU:HD11	4	0.39	0.2	0.39
(1,1958)	1:12:A:VAL:HA	1:40:A:LEU:HD12	4	0.39	0.2	0.39
(1,1958)	1:12:A:VAL:HA	1:40:A:LEU:HD13	4	0.39	0.2	0.39
(1,1958)	1:12:A:VAL:HA	1:40:A:LEU:HD21	4	0.39	0.2	0.39
(1,1958)	1:12:A:VAL:HA	1:40:A:LEU:HD22	4	0.39	0.2	0.39
(1,1958)	1:12:A:VAL:HA	1:40:A:LEU:HD23	4	0.39	0.2	0.39
(2,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD11	4	0.39	0.2	0.39
(2,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD12	4	0.39	0.2	0.39
(2,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD13	4	0.39	0.2	0.39
(2,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD21	4	0.39	0.2	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD22	4	0.39	0.2	0.39
(2,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD23	4	0.39	0.2	0.39
(2,2132)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(2,2132)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(2,2132)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(2,2132)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(2,2132)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(2,2132)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(3,2143)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(3,2143)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(3,2143)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(3,2143)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(3,2143)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(3,2143)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(5,1973)	1:12:A:VAL:HA	1:40:A:LEU:HD11	4	0.39	0.2	0.39
(5,1973)	1:12:A:VAL:HA	1:40:A:LEU:HD12	4	0.39	0.2	0.39
(5,1973)	1:12:A:VAL:HA	1:40:A:LEU:HD13	4	0.39	0.2	0.39
(5,1973)	1:12:A:VAL:HA	1:40:A:LEU:HD21	4	0.39	0.2	0.39
(5,1973)	1:12:A:VAL:HA	1:40:A:LEU:HD22	4	0.39	0.2	0.39
(5,1973)	1:12:A:VAL:HA	1:40:A:LEU:HD23	4	0.39	0.2	0.39
(5,2451)	1:141:A:LYS:H	1:148:A:CYS:HB2	4	0.39	0.13	0.34
(5,2451)	1:141:A:LYS:H	1:148:A:CYS:HB3	4	0.39	0.13	0.34
(7,1927)	1:12:A:VAL:HA	1:40:A:LEU:HD11	4	0.39	0.2	0.39
(7,1927)	1:12:A:VAL:HA	1:40:A:LEU:HD12	4	0.39	0.2	0.39
(7,1927)	1:12:A:VAL:HA	1:40:A:LEU:HD13	4	0.39	0.2	0.39
(7,1927)	1:12:A:VAL:HA	1:40:A:LEU:HD21	4	0.39	0.2	0.39
(7,1927)	1:12:A:VAL:HA	1:40:A:LEU:HD22	4	0.39	0.2	0.39
(7,1927)	1:12:A:VAL:HA	1:40:A:LEU:HD23	4	0.39	0.2	0.39
(9,2411)	1:141:A:LYS:H	1:148:A:CYS:HB2	4	0.39	0.13	0.34
(9,2411)	1:141:A:LYS:H	1:148:A:CYS:HB3	4	0.39	0.13	0.34
(11,1987)	1:12:A:VAL:HA	1:40:A:LEU:HD11	4	0.39	0.2	0.39
(11,1987)	1:12:A:VAL:HA	1:40:A:LEU:HD12	4	0.39	0.2	0.39
(11,1987)	1:12:A:VAL:HA	1:40:A:LEU:HD13	4	0.39	0.2	0.39
(11,1987)	1:12:A:VAL:HA	1:40:A:LEU:HD21	4	0.39	0.2	0.39
(11,1987)	1:12:A:VAL:HA	1:40:A:LEU:HD22	4	0.39	0.2	0.39
(11,1987)	1:12:A:VAL:HA	1:40:A:LEU:HD23	4	0.39	0.2	0.39
(13,1926)	1:12:A:VAL:HA	1:40:A:LEU:HD11	4	0.39	0.2	0.39
(13,1926)	1:12:A:VAL:HA	1:40:A:LEU:HD12	4	0.39	0.2	0.39
(13,1926)	1:12:A:VAL:HA	1:40:A:LEU:HD13	4	0.39	0.2	0.39
(13,1926)	1:12:A:VAL:HA	1:40:A:LEU:HD21	4	0.39	0.2	0.39
(13,1926)	1:12:A:VAL:HA	1:40:A:LEU:HD22	4	0.39	0.2	0.39
(13,1926)	1:12:A:VAL:HA	1:40:A:LEU:HD23	4	0.39	0.2	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,2093)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(15,2093)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(15,2093)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(15,2093)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(15,2093)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(15,2093)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(16,1957)	1:12:A:VAL:HA	1:40:A:LEU:HD11	4	0.39	0.2	0.39
(16,1957)	1:12:A:VAL:HA	1:40:A:LEU:HD12	4	0.39	0.2	0.39
(16,1957)	1:12:A:VAL:HA	1:40:A:LEU:HD13	4	0.39	0.2	0.39
(16,1957)	1:12:A:VAL:HA	1:40:A:LEU:HD21	4	0.39	0.2	0.39
(16,1957)	1:12:A:VAL:HA	1:40:A:LEU:HD22	4	0.39	0.2	0.39
(16,1957)	1:12:A:VAL:HA	1:40:A:LEU:HD23	4	0.39	0.2	0.39
(17,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD11	4	0.39	0.2	0.39
(17,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD12	4	0.39	0.2	0.39
(17,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD13	4	0.39	0.2	0.39
(17,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD21	4	0.39	0.2	0.39
(17,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD22	4	0.39	0.2	0.39
(17,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD23	4	0.39	0.2	0.39
(17,2134)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(17,2134)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(17,2134)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(17,2134)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(17,2134)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(17,2134)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(29,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD11	4	0.39	0.2	0.39
(29,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD12	4	0.39	0.2	0.39
(29,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD13	4	0.39	0.2	0.39
(29,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD21	4	0.39	0.2	0.39
(29,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD22	4	0.39	0.2	0.39
(29,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD23	4	0.39	0.2	0.39
(29,2130)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(29,2130)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(29,2130)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(29,2130)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(29,2130)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(29,2130)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(30,1967)	1:12:A:VAL:HA	1:40:A:LEU:HD11	4	0.39	0.2	0.39
(30,1967)	1:12:A:VAL:HA	1:40:A:LEU:HD12	4	0.39	0.2	0.39
(30,1967)	1:12:A:VAL:HA	1:40:A:LEU:HD13	4	0.39	0.2	0.39
(30,1967)	1:12:A:VAL:HA	1:40:A:LEU:HD21	4	0.39	0.2	0.39
(30,1967)	1:12:A:VAL:HA	1:40:A:LEU:HD22	4	0.39	0.2	0.39
(30,1967)	1:12:A:VAL:HA	1:40:A:LEU:HD23	4	0.39	0.2	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,2102)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(32,2102)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(32,2102)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(32,2102)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(32,2102)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(32,2102)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	4	0.39	0.25	0.33
(33,1962)	1:12:A:VAL:HA	1:40:A:LEU:HD11	4	0.39	0.2	0.39
(33,1962)	1:12:A:VAL:HA	1:40:A:LEU:HD12	4	0.39	0.2	0.39
(33,1962)	1:12:A:VAL:HA	1:40:A:LEU:HD13	4	0.39	0.2	0.39
(33,1962)	1:12:A:VAL:HA	1:40:A:LEU:HD21	4	0.39	0.2	0.39
(33,1962)	1:12:A:VAL:HA	1:40:A:LEU:HD22	4	0.39	0.2	0.39
(33,1962)	1:12:A:VAL:HA	1:40:A:LEU:HD23	4	0.39	0.2	0.39
(34,1968)	1:12:A:VAL:HA	1:40:A:LEU:HD11	4	0.39	0.2	0.39
(34,1968)	1:12:A:VAL:HA	1:40:A:LEU:HD12	4	0.39	0.2	0.39
(34,1968)	1:12:A:VAL:HA	1:40:A:LEU:HD13	4	0.39	0.2	0.39
(34,1968)	1:12:A:VAL:HA	1:40:A:LEU:HD21	4	0.39	0.2	0.39
(34,1968)	1:12:A:VAL:HA	1:40:A:LEU:HD22	4	0.39	0.2	0.39
(34,1968)	1:12:A:VAL:HA	1:40:A:LEU:HD23	4	0.39	0.2	0.39
(9,304)	1:43:A:MET:H	1:43:A:MET:HG3	4	0.39	0.15	0.36
(15,2068)	1:38:A:GLU:HA	1:139:A:LEU:HD11	4	0.39	0.24	0.29
(15,2068)	1:38:A:GLU:HA	1:139:A:LEU:HD12	4	0.39	0.24	0.29
(15,2068)	1:38:A:GLU:HA	1:139:A:LEU:HD13	4	0.39	0.24	0.29
(15,2068)	1:38:A:GLU:HA	1:139:A:LEU:HD21	4	0.39	0.24	0.29
(15,2068)	1:38:A:GLU:HA	1:139:A:LEU:HD22	4	0.39	0.24	0.29
(15,2068)	1:38:A:GLU:HA	1:139:A:LEU:HD23	4	0.39	0.24	0.29
(15,2110)	1:42:A:GLU:H	1:139:A:LEU:HD11	4	0.39	0.28	0.32
(15,2110)	1:42:A:GLU:H	1:139:A:LEU:HD12	4	0.39	0.28	0.32
(15,2110)	1:42:A:GLU:H	1:139:A:LEU:HD13	4	0.39	0.28	0.32
(15,2110)	1:42:A:GLU:H	1:139:A:LEU:HD21	4	0.39	0.28	0.32
(15,2110)	1:42:A:GLU:H	1:139:A:LEU:HD22	4	0.39	0.28	0.32
(15,2110)	1:42:A:GLU:H	1:139:A:LEU:HD23	4	0.39	0.28	0.32
(18,305)	1:43:A:MET:H	1:43:A:MET:HG3	4	0.39	0.15	0.36
(29,1138)	1:40:A:LEU:HA	1:44:A:GLU:HB2	4	0.39	0.2	0.42
(29,1138)	1:40:A:LEU:HA	1:44:A:GLU:HB3	4	0.39	0.2	0.42
(34,302)	1:43:A:MET:H	1:43:A:MET:HG3	4	0.39	0.15	0.36
(34,1140)	1:41:A:LYS:HA	1:44:A:GLU:HG2	4	0.39	0.19	0.42
(17,2141)	1:40:A:LEU:HA	1:43:A:MET:HG2	4	0.39	0.29	0.26
(17,2141)	1:40:A:LEU:HA	1:43:A:MET:HG3	4	0.39	0.29	0.26
(3,1641)	1:105:A:LYS:H	1:107:A:LEU:HD21	4	0.39	0.27	0.3
(3,1641)	1:105:A:LYS:H	1:107:A:LEU:HD22	4	0.39	0.27	0.3
(3,1641)	1:105:A:LYS:H	1:107:A:LEU:HD23	4	0.39	0.27	0.3
(15,1602)	1:105:A:LYS:H	1:107:A:LEU:HD21	4	0.39	0.27	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,1602)	1:105:A:LYS:H	1:107:A:LEU:HD22	4	0.39	0.27	0.3
(15,1602)	1:105:A:LYS:H	1:107:A:LEU:HD23	4	0.39	0.27	0.3
(17,1625)	1:105:A:LYS:H	1:107:A:LEU:HD21	4	0.39	0.27	0.3
(17,1625)	1:105:A:LYS:H	1:107:A:LEU:HD22	4	0.39	0.27	0.3
(17,1625)	1:105:A:LYS:H	1:107:A:LEU:HD23	4	0.39	0.27	0.3
(29,1624)	1:105:A:LYS:H	1:107:A:LEU:HD21	4	0.39	0.27	0.3
(29,1624)	1:105:A:LYS:H	1:107:A:LEU:HD22	4	0.39	0.27	0.3
(29,1624)	1:105:A:LYS:H	1:107:A:LEU:HD23	4	0.39	0.27	0.3
(16,1041)	1:11:A:ILE:HG12	1:44:A:GLU:HB2	4	0.38	0.17	0.36
(16,1041)	1:11:A:ILE:HG12	1:44:A:GLU:HB3	4	0.38	0.17	0.36
(17,765)	1:53:A:THR:H	1:124:A:THR:HG21	4	0.38	0.18	0.39
(17,765)	1:53:A:THR:H	1:124:A:THR:HG22	4	0.38	0.18	0.39
(17,765)	1:53:A:THR:H	1:124:A:THR:HG23	4	0.38	0.18	0.39
(18,2208)	1:57:A:LEU:HG	1:60:A:LEU:HD11	4	0.38	0.2	0.31
(18,2208)	1:57:A:LEU:HG	1:60:A:LEU:HD12	4	0.38	0.2	0.31
(18,2208)	1:57:A:LEU:HG	1:60:A:LEU:HD13	4	0.38	0.2	0.31
(18,2208)	1:57:A:LEU:HG	1:60:A:LEU:HD21	4	0.38	0.2	0.31
(18,2208)	1:57:A:LEU:HG	1:60:A:LEU:HD22	4	0.38	0.2	0.31
(18,2208)	1:57:A:LEU:HG	1:60:A:LEU:HD23	4	0.38	0.2	0.31
(29,1041)	1:11:A:ILE:HG12	1:44:A:GLU:HB2	4	0.38	0.17	0.36
(29,1041)	1:11:A:ILE:HG12	1:44:A:GLU:HB3	4	0.38	0.17	0.36
(1,2293)	1:105:A:LYS:H	1:105:A:LYS:HG2	4	0.38	0.02	0.38
(1,2293)	1:105:A:LYS:H	1:105:A:LYS:HG3	4	0.38	0.02	0.38
(3,2349)	1:105:A:LYS:H	1:105:A:LYS:HG2	4	0.38	0.02	0.38
(3,2349)	1:105:A:LYS:H	1:105:A:LYS:HG3	4	0.38	0.02	0.38
(33,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	4	0.38	0.18	0.44
(33,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	4	0.38	0.18	0.44
(33,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	4	0.38	0.18	0.44
(33,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	4	0.38	0.18	0.44
(33,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	4	0.38	0.18	0.44
(33,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	4	0.38	0.18	0.44
(33,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	4	0.38	0.18	0.44
(33,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	4	0.38	0.18	0.44
(33,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	4	0.38	0.18	0.44
(1,2318)	1:110:A:MET:HG2	1:114:A:ILE:HG12	4	0.38	0.06	0.36
(1,2318)	1:110:A:MET:HG2	1:114:A:ILE:HG13	4	0.38	0.06	0.36
(1,2318)	1:110:A:MET:HG3	1:114:A:ILE:HG12	4	0.38	0.06	0.36
(1,2318)	1:110:A:MET:HG3	1:114:A:ILE:HG13	4	0.38	0.06	0.36
(15,2340)	1:110:A:MET:HG2	1:114:A:ILE:HG12	4	0.38	0.06	0.36
(15,2340)	1:110:A:MET:HG2	1:114:A:ILE:HG13	4	0.38	0.06	0.36
(15,2340)	1:110:A:MET:HG3	1:114:A:ILE:HG12	4	0.38	0.06	0.36
(15,2340)	1:110:A:MET:HG3	1:114:A:ILE:HG13	4	0.38	0.06	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,187)	1:60:A:LEU:H	1:63:A:ILE:HD11	4	0.38	0.35	0.22
(2,187)	1:60:A:LEU:H	1:63:A:ILE:HD12	4	0.38	0.35	0.22
(2,187)	1:60:A:LEU:H	1:63:A:ILE:HD13	4	0.38	0.35	0.22
(13,186)	1:60:A:LEU:H	1:63:A:ILE:HD11	4	0.38	0.35	0.22
(13,186)	1:60:A:LEU:H	1:63:A:ILE:HD12	4	0.38	0.35	0.22
(13,186)	1:60:A:LEU:H	1:63:A:ILE:HD13	4	0.38	0.35	0.22
(32,1091)	1:40:A:LEU:HA	1:44:A:GLU:HB2	4	0.38	0.2	0.41
(32,1091)	1:40:A:LEU:HA	1:44:A:GLU:HB3	4	0.38	0.2	0.41
(30,509)	1:70:A:LYS:HE2	1:71:A:LYS:H	4	0.38	0.28	0.31
(30,509)	1:70:A:LYS:HE3	1:71:A:LYS:H	4	0.38	0.28	0.31
(19,10)	1:127:A:CYS:SG	1:52:A:CYS:CB	4	0.37	0.16	0.35
(13,709)	1:73:A:ILE:HG21	1:76:A:ARG:HE	4	0.37	0.21	0.34
(13,709)	1:73:A:ILE:HG22	1:76:A:ARG:HE	4	0.37	0.21	0.34
(13,709)	1:73:A:ILE:HG23	1:76:A:ARG:HE	4	0.37	0.21	0.34
(3,1327)	1:11:A:ILE:HA	1:14:A:VAL:HG11	4	0.37	0.1	0.35
(3,1327)	1:11:A:ILE:HA	1:14:A:VAL:HG12	4	0.37	0.1	0.35
(3,1327)	1:11:A:ILE:HA	1:14:A:VAL:HG13	4	0.37	0.1	0.35
(34,382)	1:40:A:LEU:HB3	1:41:A:LYS:H	4	0.37	0.06	0.38
(34,1272)	1:38:A:GLU:HB2	1:139:A:LEU:HD21	4	0.37	0.13	0.34
(34,1272)	1:38:A:GLU:HB2	1:139:A:LEU:HD22	4	0.37	0.13	0.34
(34,1272)	1:38:A:GLU:HB2	1:139:A:LEU:HD23	4	0.37	0.13	0.34
(30,1139)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	4	0.37	0.32	0.22
(30,1139)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	4	0.37	0.32	0.22
(30,1139)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	4	0.37	0.32	0.22
(30,1139)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	4	0.37	0.32	0.22
(30,1139)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	4	0.37	0.32	0.22
(30,1139)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	4	0.37	0.32	0.22
(30,1139)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	4	0.37	0.32	0.22
(30,1139)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	4	0.37	0.32	0.22
(30,1139)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	4	0.37	0.32	0.22
(2,1812)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	4	0.37	0.14	0.36
(2,1812)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	4	0.37	0.14	0.36
(2,1812)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	4	0.37	0.14	0.36
(2,1812)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	4	0.37	0.14	0.36
(4,1972)	1:14:A:VAL:HB	1:57:A:LEU:HD11	4	0.37	0.06	0.38
(4,1972)	1:14:A:VAL:HB	1:57:A:LEU:HD12	4	0.37	0.06	0.38
(4,1972)	1:14:A:VAL:HB	1:57:A:LEU:HD13	4	0.37	0.06	0.38
(4,1972)	1:14:A:VAL:HB	1:57:A:LEU:HD21	4	0.37	0.06	0.38
(4,1972)	1:14:A:VAL:HB	1:57:A:LEU:HD22	4	0.37	0.06	0.38
(4,1972)	1:14:A:VAL:HB	1:57:A:LEU:HD23	4	0.37	0.06	0.38
(5,1067)	1:95:A:ILE:HA	1:96:A:VAL:HB	4	0.36	0.34	0.2
(6,1043)	1:95:A:ILE:HA	1:96:A:VAL:HB	4	0.36	0.34	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1037)	1:95:A:ILE:HA	1:96:A:VAL:HB	4	0.36	0.34	0.2
(15,2278)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	4	0.36	0.17	0.31
(15,2278)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	4	0.36	0.17	0.31
(15,2278)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	4	0.36	0.17	0.31
(15,2278)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	4	0.36	0.17	0.31
(15,2278)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	4	0.36	0.17	0.31
(15,2278)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	4	0.36	0.17	0.31
(15,2278)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	4	0.36	0.17	0.31
(15,2278)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	4	0.36	0.17	0.31
(15,2278)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	4	0.36	0.17	0.31
(15,2278)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	4	0.36	0.17	0.31
(15,2278)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	4	0.36	0.17	0.31
(15,2278)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	4	0.36	0.17	0.31
(33,1057)	1:95:A:ILE:HA	1:96:A:VAL:HB	4	0.36	0.34	0.2
(34,1087)	1:95:A:ILE:HA	1:96:A:VAL:HB	4	0.36	0.34	0.2
(11,379)	1:40:A:LEU:HB3	1:41:A:LYS:H	4	0.36	0.06	0.37
(30,377)	1:40:A:LEU:HB3	1:41:A:LYS:H	4	0.36	0.06	0.37
(16,352)	1:122:A:ASP:HB2	1:123:A:CYS:H	4	0.36	0.08	0.4
(17,342)	1:122:A:ASP:HB2	1:123:A:CYS:H	4	0.36	0.08	0.4
(32,335)	1:122:A:ASP:HB2	1:123:A:CYS:H	4	0.36	0.08	0.4
(33,345)	1:122:A:ASP:HB2	1:123:A:CYS:H	4	0.36	0.08	0.4
(17,2324)	1:105:A:LYS:H	1:105:A:LYS:HG2	4	0.35	0.02	0.35
(17,2324)	1:105:A:LYS:H	1:105:A:LYS:HG3	4	0.35	0.02	0.35
(34,961)	1:14:A:VAL:HA	1:18:A:PHE:HD1	4	0.35	0.25	0.26
(34,961)	1:14:A:VAL:HA	1:18:A:PHE:HD2	4	0.35	0.25	0.26
(1,1467)	1:15:A:ALA:HB1	1:132:A:ALA:HA	4	0.35	0.25	0.29
(1,1467)	1:15:A:ALA:HB2	1:132:A:ALA:HA	4	0.35	0.25	0.29
(1,1467)	1:15:A:ALA:HB3	1:132:A:ALA:HA	4	0.35	0.25	0.29
(4,363)	1:40:A:LEU:HB3	1:41:A:LYS:H	4	0.35	0.06	0.36
(18,845)	1:45:A:ALA:HA	1:48:A:ARG:HD2	4	0.35	0.09	0.38
(18,845)	1:45:A:ALA:HA	1:48:A:ARG:HD3	4	0.35	0.09	0.38
(34,68)	1:79:A:THR:HG21	1:81:A:GLU:H	4	0.35	0.15	0.29
(34,68)	1:79:A:THR:HG22	1:81:A:GLU:H	4	0.35	0.15	0.29
(34,68)	1:79:A:THR:HG23	1:81:A:GLU:H	4	0.35	0.15	0.29
(6,953)	1:138:A:ASP:HA	1:141:A:LYS:HB2	4	0.35	0.08	0.36
(6,953)	1:138:A:ASP:HA	1:141:A:LYS:HB3	4	0.35	0.08	0.36
(34,1962)	1:11:A:ILE:HG12	1:57:A:LEU:HD11	4	0.34	0.14	0.36
(34,1962)	1:11:A:ILE:HG12	1:57:A:LEU:HD12	4	0.34	0.14	0.36
(34,1962)	1:11:A:ILE:HG12	1:57:A:LEU:HD13	4	0.34	0.14	0.36
(34,1962)	1:11:A:ILE:HG12	1:57:A:LEU:HD21	4	0.34	0.14	0.36
(34,1962)	1:11:A:ILE:HG12	1:57:A:LEU:HD22	4	0.34	0.14	0.36
(34,1962)	1:11:A:ILE:HG12	1:57:A:LEU:HD23	4	0.34	0.14	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,1627)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	4	0.34	0.09	0.32
(3,1627)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	4	0.34	0.09	0.32
(3,1627)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	4	0.34	0.09	0.32
(3,1627)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	4	0.34	0.09	0.32
(3,1627)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	4	0.34	0.09	0.32
(3,1627)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	4	0.34	0.09	0.32
(6,1595)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	4	0.34	0.09	0.32
(6,1595)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	4	0.34	0.09	0.32
(6,1595)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	4	0.34	0.09	0.32
(6,1595)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	4	0.34	0.09	0.32
(6,1595)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	4	0.34	0.09	0.32
(6,1595)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	4	0.34	0.09	0.32
(7,1053)	1:54:A:ARG:HA	1:57:A:LEU:HD21	4	0.34	0.16	0.38
(7,1053)	1:54:A:ARG:HA	1:57:A:LEU:HD22	4	0.34	0.16	0.38
(7,1053)	1:54:A:ARG:HA	1:57:A:LEU:HD23	4	0.34	0.16	0.38
(7,1567)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	4	0.34	0.09	0.32
(7,1567)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	4	0.34	0.09	0.32
(7,1567)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	4	0.34	0.09	0.32
(7,1567)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	4	0.34	0.09	0.32
(7,1567)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	4	0.34	0.09	0.32
(7,1567)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	4	0.34	0.09	0.32
(9,2269)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	4	0.34	0.09	0.32
(9,2269)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	4	0.34	0.09	0.32
(9,2269)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	4	0.34	0.09	0.32
(9,2269)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	4	0.34	0.09	0.32
(9,2269)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	4	0.34	0.09	0.32
(9,2269)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	4	0.34	0.09	0.32
(9,2269)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	4	0.34	0.09	0.32
(9,2269)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	4	0.34	0.09	0.32
(9,2269)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	4	0.34	0.09	0.32
(9,2269)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	4	0.34	0.09	0.32
(9,2269)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	4	0.34	0.09	0.32
(9,2269)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	4	0.34	0.09	0.32
(13,2022)	1:35:A:LEU:H	1:35:A:LEU:HD11	4	0.34	0.22	0.25
(13,2022)	1:35:A:LEU:H	1:35:A:LEU:HD12	4	0.34	0.22	0.25
(13,2022)	1:35:A:LEU:H	1:35:A:LEU:HD13	4	0.34	0.22	0.25
(13,2022)	1:35:A:LEU:H	1:35:A:LEU:HD21	4	0.34	0.22	0.25
(13,2022)	1:35:A:LEU:H	1:35:A:LEU:HD22	4	0.34	0.22	0.25
(13,2022)	1:35:A:LEU:H	1:35:A:LEU:HD23	4	0.34	0.22	0.25
(30,667)	1:63:A:ILE:HG12	1:117:A:VAL:H	4	0.34	0.15	0.29
(34,680)	1:63:A:ILE:HG12	1:117:A:VAL:H	4	0.34	0.15	0.29
(34,1611)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	4	0.34	0.09	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,1611)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	4	0.34	0.09	0.32
(34,1611)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	4	0.34	0.09	0.32
(34,1611)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	4	0.34	0.09	0.32
(34,1611)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	4	0.34	0.09	0.32
(34,1611)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	4	0.34	0.09	0.32
(34,2292)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	4	0.34	0.18	0.35
(34,2292)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	4	0.34	0.18	0.35
(34,2292)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	4	0.34	0.18	0.35
(34,2292)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	4	0.34	0.18	0.35
(34,2292)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	4	0.34	0.18	0.35
(34,2292)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	4	0.34	0.18	0.35
(34,2292)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	4	0.34	0.18	0.35
(34,2292)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	4	0.34	0.18	0.35
(34,2292)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	4	0.34	0.18	0.35
(34,2292)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	4	0.34	0.18	0.35
(34,2292)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	4	0.34	0.18	0.35
(34,2292)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	4	0.34	0.18	0.35
(1,2029)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	4	0.34	0.16	0.35
(1,2029)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	4	0.34	0.16	0.35
(1,2029)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	4	0.34	0.16	0.35
(1,2029)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	4	0.34	0.16	0.35
(1,2029)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	4	0.34	0.16	0.35
(1,2029)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	4	0.34	0.16	0.35
(1,2029)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	4	0.34	0.16	0.35
(1,2029)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	4	0.34	0.16	0.35
(1,2029)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	4	0.34	0.16	0.35
(1,2029)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	4	0.34	0.16	0.35
(1,2029)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	4	0.34	0.16	0.35
(1,2029)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	4	0.34	0.16	0.35
(9,1529)	1:69:A:MET:HE1	1:76:A:ARG:HG2	4	0.34	0.14	0.38
(9,1529)	1:69:A:MET:HE1	1:76:A:ARG:HG3	4	0.34	0.14	0.38
(9,1529)	1:69:A:MET:HE2	1:76:A:ARG:HG2	4	0.34	0.14	0.38
(9,1529)	1:69:A:MET:HE2	1:76:A:ARG:HG3	4	0.34	0.14	0.38
(9,1529)	1:69:A:MET:HE3	1:76:A:ARG:HG2	4	0.34	0.14	0.38
(9,1529)	1:69:A:MET:HE3	1:76:A:ARG:HG3	4	0.34	0.14	0.38
(29,2056)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	4	0.34	0.16	0.35
(29,2056)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	4	0.34	0.16	0.35
(29,2056)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	4	0.34	0.16	0.35
(29,2056)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	4	0.34	0.16	0.35
(29,2056)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	4	0.34	0.16	0.35
(29,2056)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	4	0.34	0.16	0.35
(29,2056)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	4	0.34	0.16	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,2056)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	4	0.34	0.16	0.35
(29,2056)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	4	0.34	0.16	0.35
(29,2056)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	4	0.34	0.16	0.35
(29,2056)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	4	0.34	0.16	0.35
(29,2056)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	4	0.34	0.16	0.35
(1,377)	1:40:A:LEU:HB3	1:41:A:LYS:H	4	0.34	0.06	0.35
(3,377)	1:40:A:LEU:HB3	1:41:A:LYS:H	4	0.34	0.06	0.35
(9,692)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	4	0.34	0.15	0.36
(9,692)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	4	0.34	0.15	0.36
(9,692)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	4	0.34	0.15	0.36
(4,786)	1:63:A:ILE:HD11	1:69:A:MET:HE1	4	0.34	0.36	0.14
(4,786)	1:63:A:ILE:HD11	1:69:A:MET:HE2	4	0.34	0.36	0.14
(4,786)	1:63:A:ILE:HD11	1:69:A:MET:HE3	4	0.34	0.36	0.14
(4,786)	1:63:A:ILE:HD12	1:69:A:MET:HE1	4	0.34	0.36	0.14
(4,786)	1:63:A:ILE:HD12	1:69:A:MET:HE2	4	0.34	0.36	0.14
(4,786)	1:63:A:ILE:HD12	1:69:A:MET:HE3	4	0.34	0.36	0.14
(4,786)	1:63:A:ILE:HD13	1:69:A:MET:HE1	4	0.34	0.36	0.14
(4,786)	1:63:A:ILE:HD13	1:69:A:MET:HE2	4	0.34	0.36	0.14
(4,786)	1:63:A:ILE:HD13	1:69:A:MET:HE3	4	0.34	0.36	0.14
(5,792)	1:63:A:ILE:HD11	1:69:A:MET:HE1	4	0.34	0.36	0.14
(5,792)	1:63:A:ILE:HD11	1:69:A:MET:HE2	4	0.34	0.36	0.14
(5,792)	1:63:A:ILE:HD11	1:69:A:MET:HE3	4	0.34	0.36	0.14
(5,792)	1:63:A:ILE:HD12	1:69:A:MET:HE1	4	0.34	0.36	0.14
(5,792)	1:63:A:ILE:HD12	1:69:A:MET:HE2	4	0.34	0.36	0.14
(5,792)	1:63:A:ILE:HD12	1:69:A:MET:HE3	4	0.34	0.36	0.14
(5,792)	1:63:A:ILE:HD13	1:69:A:MET:HE1	4	0.34	0.36	0.14
(5,792)	1:63:A:ILE:HD13	1:69:A:MET:HE2	4	0.34	0.36	0.14
(5,792)	1:63:A:ILE:HD13	1:69:A:MET:HE3	4	0.34	0.36	0.14
(6,786)	1:63:A:ILE:HD11	1:69:A:MET:HE1	4	0.34	0.36	0.14
(6,786)	1:63:A:ILE:HD11	1:69:A:MET:HE2	4	0.34	0.36	0.14
(6,786)	1:63:A:ILE:HD11	1:69:A:MET:HE3	4	0.34	0.36	0.14
(6,786)	1:63:A:ILE:HD12	1:69:A:MET:HE1	4	0.34	0.36	0.14
(6,786)	1:63:A:ILE:HD12	1:69:A:MET:HE2	4	0.34	0.36	0.14
(6,786)	1:63:A:ILE:HD12	1:69:A:MET:HE3	4	0.34	0.36	0.14
(6,786)	1:63:A:ILE:HD13	1:69:A:MET:HE1	4	0.34	0.36	0.14
(6,786)	1:63:A:ILE:HD13	1:69:A:MET:HE2	4	0.34	0.36	0.14
(6,786)	1:63:A:ILE:HD13	1:69:A:MET:HE3	4	0.34	0.36	0.14
(15,798)	1:63:A:ILE:HD11	1:69:A:MET:HE1	4	0.34	0.36	0.14
(15,798)	1:63:A:ILE:HD11	1:69:A:MET:HE2	4	0.34	0.36	0.14
(15,798)	1:63:A:ILE:HD11	1:69:A:MET:HE3	4	0.34	0.36	0.14
(15,798)	1:63:A:ILE:HD12	1:69:A:MET:HE1	4	0.34	0.36	0.14
(15,798)	1:63:A:ILE:HD12	1:69:A:MET:HE2	4	0.34	0.36	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,798)	1:63:A:ILE:HD12	1:69:A:MET:HE3	4	0.34	0.36	0.14
(15,798)	1:63:A:ILE:HD13	1:69:A:MET:HE1	4	0.34	0.36	0.14
(15,798)	1:63:A:ILE:HD13	1:69:A:MET:HE2	4	0.34	0.36	0.14
(15,798)	1:63:A:ILE:HD13	1:69:A:MET:HE3	4	0.34	0.36	0.14
(30,788)	1:63:A:ILE:HD11	1:69:A:MET:HE1	4	0.34	0.36	0.14
(30,788)	1:63:A:ILE:HD11	1:69:A:MET:HE2	4	0.34	0.36	0.14
(30,788)	1:63:A:ILE:HD11	1:69:A:MET:HE3	4	0.34	0.36	0.14
(30,788)	1:63:A:ILE:HD12	1:69:A:MET:HE1	4	0.34	0.36	0.14
(30,788)	1:63:A:ILE:HD12	1:69:A:MET:HE2	4	0.34	0.36	0.14
(30,788)	1:63:A:ILE:HD12	1:69:A:MET:HE3	4	0.34	0.36	0.14
(30,788)	1:63:A:ILE:HD13	1:69:A:MET:HE1	4	0.34	0.36	0.14
(30,788)	1:63:A:ILE:HD13	1:69:A:MET:HE2	4	0.34	0.36	0.14
(30,788)	1:63:A:ILE:HD13	1:69:A:MET:HE3	4	0.34	0.36	0.14
(33,794)	1:63:A:ILE:HD11	1:69:A:MET:HE1	4	0.34	0.36	0.14
(33,794)	1:63:A:ILE:HD11	1:69:A:MET:HE2	4	0.34	0.36	0.14
(33,794)	1:63:A:ILE:HD11	1:69:A:MET:HE3	4	0.34	0.36	0.14
(33,794)	1:63:A:ILE:HD12	1:69:A:MET:HE1	4	0.34	0.36	0.14
(33,794)	1:63:A:ILE:HD12	1:69:A:MET:HE2	4	0.34	0.36	0.14
(33,794)	1:63:A:ILE:HD12	1:69:A:MET:HE3	4	0.34	0.36	0.14
(33,794)	1:63:A:ILE:HD13	1:69:A:MET:HE1	4	0.34	0.36	0.14
(33,794)	1:63:A:ILE:HD13	1:69:A:MET:HE2	4	0.34	0.36	0.14
(33,794)	1:63:A:ILE:HD13	1:69:A:MET:HE3	4	0.34	0.36	0.14
(34,799)	1:63:A:ILE:HD11	1:69:A:MET:HE1	4	0.34	0.36	0.14
(34,799)	1:63:A:ILE:HD11	1:69:A:MET:HE2	4	0.34	0.36	0.14
(34,799)	1:63:A:ILE:HD11	1:69:A:MET:HE3	4	0.34	0.36	0.14
(34,799)	1:63:A:ILE:HD12	1:69:A:MET:HE1	4	0.34	0.36	0.14
(34,799)	1:63:A:ILE:HD12	1:69:A:MET:HE2	4	0.34	0.36	0.14
(34,799)	1:63:A:ILE:HD12	1:69:A:MET:HE3	4	0.34	0.36	0.14
(34,799)	1:63:A:ILE:HD13	1:69:A:MET:HE1	4	0.34	0.36	0.14
(34,799)	1:63:A:ILE:HD13	1:69:A:MET:HE2	4	0.34	0.36	0.14
(34,799)	1:63:A:ILE:HD13	1:69:A:MET:HE3	4	0.34	0.36	0.14
(3,1645)	1:24:A:ASP:HA	1:27:A:ARG:HA	4	0.34	0.15	0.36
(4,1591)	1:24:A:ASP:HA	1:27:A:ARG:HA	4	0.34	0.15	0.36
(5,1629)	1:24:A:ASP:HA	1:27:A:ARG:HA	4	0.34	0.15	0.36
(6,1611)	1:24:A:ASP:HA	1:27:A:ARG:HA	4	0.34	0.15	0.36
(7,1584)	1:24:A:ASP:HA	1:27:A:ARG:HA	4	0.34	0.15	0.36
(11,1644)	1:24:A:ASP:HA	1:27:A:ARG:HA	4	0.34	0.15	0.36
(13,1582)	1:24:A:ASP:HA	1:27:A:ARG:HA	4	0.34	0.15	0.36
(15,914)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	4	0.34	0.11	0.3
(15,914)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	4	0.34	0.11	0.3
(15,914)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	4	0.34	0.11	0.3
(16,1601)	1:24:A:ASP:HA	1:27:A:ARG:HA	4	0.34	0.15	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,35)	1:96:A:VAL:H	1:96:A:VAL:HB	4	0.34	0.04	0.32
(18,1597)	1:24:A:ASP:HA	1:27:A:ARG:HA	4	0.34	0.15	0.36
(32,1577)	1:24:A:ASP:HA	1:27:A:ARG:HA	4	0.34	0.15	0.36
(33,1603)	1:24:A:ASP:HA	1:27:A:ARG:HA	4	0.34	0.15	0.36
(34,1627)	1:24:A:ASP:HA	1:27:A:ARG:HA	4	0.34	0.15	0.36
(4,1904)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	4	0.34	0.08	0.33
(4,1904)	1:9:A:PHE:HD1	1:11:A:ILE:HG13	4	0.34	0.08	0.33
(4,1904)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	4	0.34	0.08	0.33
(4,1904)	1:9:A:PHE:HD2	1:11:A:ILE:HG13	4	0.34	0.08	0.33
(5,1246)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	4	0.34	0.14	0.32
(5,1246)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	4	0.34	0.14	0.32
(5,1246)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	4	0.34	0.14	0.32
(6,1852)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	4	0.34	0.21	0.3
(6,1852)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	4	0.34	0.21	0.3
(6,1852)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	4	0.34	0.21	0.3
(6,1852)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	4	0.34	0.21	0.3
(6,1852)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	4	0.34	0.21	0.3
(6,1852)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	4	0.34	0.21	0.3
(11,1254)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	4	0.34	0.14	0.32
(11,1254)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	4	0.34	0.14	0.32
(11,1254)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	4	0.34	0.14	0.32
(32,1206)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	4	0.34	0.14	0.32
(32,1206)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	4	0.34	0.14	0.32
(32,1206)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	4	0.34	0.14	0.32
(32,2292)	1:97:A:ASP:HA	1:105:A:LYS:HG2	4	0.33	0.17	0.34
(32,2292)	1:97:A:ASP:HA	1:105:A:LYS:HG3	4	0.33	0.17	0.34
(2,2357)	1:107:A:LEU:HD11	1:115:A:ALA:H	4	0.33	0.16	0.32
(2,2357)	1:107:A:LEU:HD12	1:115:A:ALA:H	4	0.33	0.16	0.32
(2,2357)	1:107:A:LEU:HD13	1:115:A:ALA:H	4	0.33	0.16	0.32
(2,2357)	1:107:A:LEU:HD21	1:115:A:ALA:H	4	0.33	0.16	0.32
(2,2357)	1:107:A:LEU:HD22	1:115:A:ALA:H	4	0.33	0.16	0.32
(2,2357)	1:107:A:LEU:HD23	1:115:A:ALA:H	4	0.33	0.16	0.32
(5,2333)	1:107:A:LEU:HD11	1:115:A:ALA:H	4	0.33	0.16	0.32
(5,2333)	1:107:A:LEU:HD12	1:115:A:ALA:H	4	0.33	0.16	0.32
(5,2333)	1:107:A:LEU:HD13	1:115:A:ALA:H	4	0.33	0.16	0.32
(5,2333)	1:107:A:LEU:HD21	1:115:A:ALA:H	4	0.33	0.16	0.32
(5,2333)	1:107:A:LEU:HD22	1:115:A:ALA:H	4	0.33	0.16	0.32
(5,2333)	1:107:A:LEU:HD23	1:115:A:ALA:H	4	0.33	0.16	0.32
(6,2337)	1:107:A:LEU:HD11	1:115:A:ALA:H	4	0.33	0.16	0.32
(6,2337)	1:107:A:LEU:HD12	1:115:A:ALA:H	4	0.33	0.16	0.32
(6,2337)	1:107:A:LEU:HD13	1:115:A:ALA:H	4	0.33	0.16	0.32
(6,2337)	1:107:A:LEU:HD21	1:115:A:ALA:H	4	0.33	0.16	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,2337)	1:107:A:LEU:HD22	1:115:A:ALA:H	4	0.33	0.16	0.32
(6,2337)	1:107:A:LEU:HD23	1:115:A:ALA:H	4	0.33	0.16	0.32
(7,2322)	1:107:A:LEU:HD11	1:115:A:ALA:H	4	0.33	0.16	0.32
(7,2322)	1:107:A:LEU:HD12	1:115:A:ALA:H	4	0.33	0.16	0.32
(7,2322)	1:107:A:LEU:HD13	1:115:A:ALA:H	4	0.33	0.16	0.32
(7,2322)	1:107:A:LEU:HD21	1:115:A:ALA:H	4	0.33	0.16	0.32
(7,2322)	1:107:A:LEU:HD22	1:115:A:ALA:H	4	0.33	0.16	0.32
(7,2322)	1:107:A:LEU:HD23	1:115:A:ALA:H	4	0.33	0.16	0.32
(9,2275)	1:107:A:LEU:HD11	1:115:A:ALA:H	4	0.33	0.16	0.32
(9,2275)	1:107:A:LEU:HD12	1:115:A:ALA:H	4	0.33	0.16	0.32
(9,2275)	1:107:A:LEU:HD13	1:115:A:ALA:H	4	0.33	0.16	0.32
(9,2275)	1:107:A:LEU:HD21	1:115:A:ALA:H	4	0.33	0.16	0.32
(9,2275)	1:107:A:LEU:HD22	1:115:A:ALA:H	4	0.33	0.16	0.32
(9,2275)	1:107:A:LEU:HD23	1:115:A:ALA:H	4	0.33	0.16	0.32
(13,823)	1:45:A:ALA:HA	1:48:A:ARG:HD2	4	0.33	0.09	0.36
(13,823)	1:45:A:ALA:HA	1:48:A:ARG:HD3	4	0.33	0.09	0.36
(17,2342)	1:107:A:LEU:HD11	1:115:A:ALA:H	4	0.33	0.16	0.32
(17,2342)	1:107:A:LEU:HD12	1:115:A:ALA:H	4	0.33	0.16	0.32
(17,2342)	1:107:A:LEU:HD13	1:115:A:ALA:H	4	0.33	0.16	0.32
(17,2342)	1:107:A:LEU:HD21	1:115:A:ALA:H	4	0.33	0.16	0.32
(17,2342)	1:107:A:LEU:HD22	1:115:A:ALA:H	4	0.33	0.16	0.32
(17,2342)	1:107:A:LEU:HD23	1:115:A:ALA:H	4	0.33	0.16	0.32
(30,2349)	1:107:A:LEU:HD11	1:115:A:ALA:H	4	0.33	0.16	0.32
(30,2349)	1:107:A:LEU:HD12	1:115:A:ALA:H	4	0.33	0.16	0.32
(30,2349)	1:107:A:LEU:HD13	1:115:A:ALA:H	4	0.33	0.16	0.32
(30,2349)	1:107:A:LEU:HD21	1:115:A:ALA:H	4	0.33	0.16	0.32
(30,2349)	1:107:A:LEU:HD22	1:115:A:ALA:H	4	0.33	0.16	0.32
(30,2349)	1:107:A:LEU:HD23	1:115:A:ALA:H	4	0.33	0.16	0.32
(34,2340)	1:107:A:LEU:HD11	1:115:A:ALA:H	4	0.33	0.16	0.32
(34,2340)	1:107:A:LEU:HD12	1:115:A:ALA:H	4	0.33	0.16	0.32
(34,2340)	1:107:A:LEU:HD13	1:115:A:ALA:H	4	0.33	0.16	0.32
(34,2340)	1:107:A:LEU:HD21	1:115:A:ALA:H	4	0.33	0.16	0.32
(34,2340)	1:107:A:LEU:HD22	1:115:A:ALA:H	4	0.33	0.16	0.32
(34,2340)	1:107:A:LEU:HD23	1:115:A:ALA:H	4	0.33	0.16	0.32
(7,1930)	1:13:A:ALA:H	1:40:A:LEU:HD11	4	0.33	0.2	0.27
(7,1930)	1:13:A:ALA:H	1:40:A:LEU:HD12	4	0.33	0.2	0.27
(7,1930)	1:13:A:ALA:H	1:40:A:LEU:HD13	4	0.33	0.2	0.27
(7,1930)	1:13:A:ALA:H	1:40:A:LEU:HD21	4	0.33	0.2	0.27
(7,1930)	1:13:A:ALA:H	1:40:A:LEU:HD22	4	0.33	0.2	0.27
(7,1930)	1:13:A:ALA:H	1:40:A:LEU:HD23	4	0.33	0.2	0.27
(1,326)	1:44:A:GLU:HG3	1:46:A:ASN:H	4	0.33	0.36	0.12
(4,2236)	1:69:A:MET:HG2	1:73:A:ILE:H	4	0.33	0.11	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,2236)	1:69:A:MET:HG3	1:73:A:ILE:H	4	0.33	0.11	0.31
(7,1876)	1:13:A:ALA:H	1:80:A:TYR:HE1	4	0.33	0.12	0.32
(7,1876)	1:13:A:ALA:H	1:80:A:TYR:HE2	4	0.33	0.12	0.32
(11,1930)	1:13:A:ALA:H	1:80:A:TYR:HE1	4	0.33	0.12	0.32
(11,1930)	1:13:A:ALA:H	1:80:A:TYR:HE2	4	0.33	0.12	0.32
(29,1100)	1:70:A:LYS:HA	1:70:A:LYS:HE2	4	0.33	0.15	0.33
(29,1100)	1:70:A:LYS:HA	1:70:A:LYS:HE3	4	0.33	0.15	0.33
(6,866)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	4	0.32	0.17	0.28
(6,866)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	4	0.32	0.17	0.28
(6,866)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	4	0.32	0.17	0.28
(7,865)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	4	0.32	0.17	0.28
(7,865)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	4	0.32	0.17	0.28
(7,865)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	4	0.32	0.17	0.28
(7,1531)	1:143:A:TRP:H	1:144:A:LEU:HD11	4	0.32	0.07	0.33
(7,1531)	1:143:A:TRP:H	1:144:A:LEU:HD12	4	0.32	0.07	0.33
(7,1531)	1:143:A:TRP:H	1:144:A:LEU:HD13	4	0.32	0.07	0.33
(13,859)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	4	0.32	0.17	0.28
(13,859)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	4	0.32	0.17	0.28
(13,859)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	4	0.32	0.17	0.28
(16,886)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	4	0.32	0.17	0.28
(16,886)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	4	0.32	0.17	0.28
(16,886)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	4	0.32	0.17	0.28
(18,884)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	4	0.32	0.17	0.28
(18,884)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	4	0.32	0.17	0.28
(18,884)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	4	0.32	0.17	0.28
(33,668)	1:63:A:ILE:HG12	1:117:A:VAL:H	4	0.32	0.15	0.26
(33,883)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	4	0.32	0.17	0.28
(33,883)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	4	0.32	0.17	0.28
(33,883)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	4	0.32	0.17	0.28
(34,2338)	1:107:A:LEU:HD11	1:112:A:GLN:HA	4	0.32	0.16	0.3
(34,2338)	1:107:A:LEU:HD12	1:112:A:GLN:HA	4	0.32	0.16	0.3
(34,2338)	1:107:A:LEU:HD13	1:112:A:GLN:HA	4	0.32	0.16	0.3
(34,2338)	1:107:A:LEU:HD21	1:112:A:GLN:HA	4	0.32	0.16	0.3
(34,2338)	1:107:A:LEU:HD22	1:112:A:GLN:HA	4	0.32	0.16	0.3
(34,2338)	1:107:A:LEU:HD23	1:112:A:GLN:HA	4	0.32	0.16	0.3
(4,1491)	1:98:A:ILE:HG21	1:101:A:ILE:HB	4	0.32	0.16	0.28
(4,1491)	1:98:A:ILE:HG22	1:101:A:ILE:HB	4	0.32	0.16	0.28
(4,1491)	1:98:A:ILE:HG23	1:101:A:ILE:HB	4	0.32	0.16	0.28
(15,1959)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	4	0.32	0.14	0.34
(15,1959)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	4	0.32	0.14	0.34
(15,1959)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	4	0.32	0.14	0.34
(15,1959)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	4	0.32	0.14	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,1959)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	4	0.32	0.14	0.34
(15,1959)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	4	0.32	0.14	0.34
(15,1959)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	4	0.32	0.14	0.34
(15,1959)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	4	0.32	0.14	0.34
(15,1959)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	4	0.32	0.14	0.34
(15,1959)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	4	0.32	0.14	0.34
(15,1959)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	4	0.32	0.14	0.34
(15,1959)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	4	0.32	0.14	0.34
(15,2306)	1:105:A:LYS:H	1:105:A:LYS:HG2	4	0.32	0.02	0.32
(15,2306)	1:105:A:LYS:H	1:105:A:LYS:HG3	4	0.32	0.02	0.32
(7,69)	1:44:A:GLU:HG2	1:45:A:ALA:H	4	0.32	0.29	0.16
(2,372)	1:40:A:LEU:HB3	1:41:A:LYS:H	4	0.32	0.06	0.33
(9,384)	1:40:A:LEU:HB3	1:41:A:LYS:H	4	0.32	0.06	0.33
(1,817)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	4	0.32	0.05	0.33
(1,817)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	4	0.32	0.05	0.33
(1,817)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	4	0.32	0.05	0.33
(1,817)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	4	0.32	0.05	0.33
(1,817)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	4	0.32	0.05	0.33
(1,817)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	4	0.32	0.05	0.33
(2,73)	1:22:A:ASP:HA	1:23:A:LEU:H	4	0.32	0.02	0.32
(4,76)	1:22:A:ASP:HA	1:23:A:LEU:H	4	0.32	0.02	0.32
(6,74)	1:22:A:ASP:HA	1:23:A:LEU:H	4	0.32	0.02	0.32
(6,2105)	1:39:A:VAL:HB	1:140:A:LEU:HD11	4	0.32	0.14	0.27
(6,2105)	1:39:A:VAL:HB	1:140:A:LEU:HD12	4	0.32	0.14	0.27
(6,2105)	1:39:A:VAL:HB	1:140:A:LEU:HD13	4	0.32	0.14	0.27
(6,2105)	1:39:A:VAL:HB	1:140:A:LEU:HD21	4	0.32	0.14	0.27
(6,2105)	1:39:A:VAL:HB	1:140:A:LEU:HD22	4	0.32	0.14	0.27
(6,2105)	1:39:A:VAL:HB	1:140:A:LEU:HD23	4	0.32	0.14	0.27
(7,73)	1:22:A:ASP:HA	1:23:A:LEU:H	4	0.32	0.02	0.32
(7,2080)	1:39:A:VAL:HB	1:140:A:LEU:HD11	4	0.32	0.14	0.27
(7,2080)	1:39:A:VAL:HB	1:140:A:LEU:HD12	4	0.32	0.14	0.27
(7,2080)	1:39:A:VAL:HB	1:140:A:LEU:HD13	4	0.32	0.14	0.27
(7,2080)	1:39:A:VAL:HB	1:140:A:LEU:HD21	4	0.32	0.14	0.27
(7,2080)	1:39:A:VAL:HB	1:140:A:LEU:HD22	4	0.32	0.14	0.27
(7,2080)	1:39:A:VAL:HB	1:140:A:LEU:HD23	4	0.32	0.14	0.27
(9,74)	1:22:A:ASP:HA	1:23:A:LEU:H	4	0.32	0.02	0.32
(11,77)	1:22:A:ASP:HA	1:23:A:LEU:H	4	0.32	0.02	0.32
(13,71)	1:22:A:ASP:HA	1:23:A:LEU:H	4	0.32	0.02	0.32
(15,78)	1:22:A:ASP:HA	1:23:A:LEU:H	4	0.32	0.02	0.32
(16,71)	1:22:A:ASP:HA	1:23:A:LEU:H	4	0.32	0.02	0.32
(16,1359)	1:39:A:VAL:HG11	1:143:A:TRP:H	4	0.32	0.23	0.21
(16,1359)	1:39:A:VAL:HG12	1:143:A:TRP:H	4	0.32	0.23	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1359)	1:39:A:VAL:HG13	1:143:A:TRP:H	4	0.32	0.23	0.21
(17,74)	1:22:A:ASP:HA	1:23:A:LEU:H	4	0.32	0.02	0.32
(18,78)	1:22:A:ASP:HA	1:23:A:LEU:H	4	0.32	0.02	0.32
(32,70)	1:22:A:ASP:HA	1:23:A:LEU:H	4	0.32	0.02	0.32
(33,80)	1:22:A:ASP:HA	1:23:A:LEU:H	4	0.32	0.02	0.32
(33,968)	1:96:A:VAL:H	1:96:A:VAL:HB	4	0.32	0.04	0.3
(34,74)	1:22:A:ASP:HA	1:23:A:LEU:H	4	0.32	0.02	0.32
(34,2112)	1:39:A:VAL:HB	1:140:A:LEU:HD11	4	0.32	0.14	0.27
(34,2112)	1:39:A:VAL:HB	1:140:A:LEU:HD12	4	0.32	0.14	0.27
(34,2112)	1:39:A:VAL:HB	1:140:A:LEU:HD13	4	0.32	0.14	0.27
(34,2112)	1:39:A:VAL:HB	1:140:A:LEU:HD21	4	0.32	0.14	0.27
(34,2112)	1:39:A:VAL:HB	1:140:A:LEU:HD22	4	0.32	0.14	0.27
(34,2112)	1:39:A:VAL:HB	1:140:A:LEU:HD23	4	0.32	0.14	0.27
(6,1394)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	4	0.31	0.19	0.3
(6,1394)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	4	0.31	0.19	0.3
(6,1394)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	4	0.31	0.19	0.3
(18,1391)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	4	0.31	0.19	0.3
(18,1391)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	4	0.31	0.19	0.3
(18,1391)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	4	0.31	0.19	0.3
(30,1397)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	4	0.31	0.19	0.3
(30,1397)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	4	0.31	0.19	0.3
(30,1397)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	4	0.31	0.19	0.3
(9,1574)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	4	0.31	0.12	0.38
(9,1574)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	4	0.31	0.12	0.38
(9,1574)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	4	0.31	0.12	0.38
(29,1593)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	4	0.31	0.12	0.38
(29,1593)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	4	0.31	0.12	0.38
(29,1593)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	4	0.31	0.12	0.38
(34,1597)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	4	0.31	0.12	0.38
(34,1597)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	4	0.31	0.12	0.38
(34,1597)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	4	0.31	0.12	0.38
(1,1746)	1:98:A:ILE:HG21	1:102:A:PRO:HD3	4	0.31	0.11	0.3
(1,1746)	1:98:A:ILE:HG22	1:102:A:PRO:HD3	4	0.31	0.11	0.3
(1,1746)	1:98:A:ILE:HG23	1:102:A:PRO:HD3	4	0.31	0.11	0.3
(3,1767)	1:98:A:ILE:HG21	1:102:A:PRO:HD3	4	0.31	0.11	0.3
(3,1767)	1:98:A:ILE:HG22	1:102:A:PRO:HD3	4	0.31	0.11	0.3
(3,1767)	1:98:A:ILE:HG23	1:102:A:PRO:HD3	4	0.31	0.11	0.3
(15,709)	1:23:A:LEU:HD21	1:27:A:ARG:HE	4	0.31	0.11	0.36
(15,709)	1:23:A:LEU:HD22	1:27:A:ARG:HE	4	0.31	0.11	0.36
(15,709)	1:23:A:LEU:HD23	1:27:A:ARG:HE	4	0.31	0.11	0.36
(16,1729)	1:98:A:ILE:HG21	1:102:A:PRO:HD3	4	0.31	0.11	0.3
(16,1729)	1:98:A:ILE:HG22	1:102:A:PRO:HD3	4	0.31	0.11	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1729)	1:98:A:ILE:HG23	1:102:A:PRO:HD3	4	0.31	0.11	0.3
(34,716)	1:23:A:LEU:HD21	1:27:A:ARG:HE	4	0.31	0.11	0.36
(34,716)	1:23:A:LEU:HD22	1:27:A:ARG:HE	4	0.31	0.11	0.36
(34,716)	1:23:A:LEU:HD23	1:27:A:ARG:HE	4	0.31	0.11	0.36
(9,2199)	1:69:A:MET:HG2	1:73:A:ILE:HD11	4	0.31	0.06	0.32
(9,2199)	1:69:A:MET:HG2	1:73:A:ILE:HD12	4	0.31	0.06	0.32
(9,2199)	1:69:A:MET:HG2	1:73:A:ILE:HD13	4	0.31	0.06	0.32
(9,2199)	1:69:A:MET:HG3	1:73:A:ILE:HD11	4	0.31	0.06	0.32
(9,2199)	1:69:A:MET:HG3	1:73:A:ILE:HD12	4	0.31	0.06	0.32
(9,2199)	1:69:A:MET:HG3	1:73:A:ILE:HD13	4	0.31	0.06	0.32
(4,1426)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	4	0.31	0.11	0.3
(4,1426)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	4	0.31	0.11	0.3
(6,370)	1:41:A:LYS:H	1:44:A:GLU:HB2	4	0.31	0.17	0.24
(6,370)	1:41:A:LYS:H	1:44:A:GLU:HB3	4	0.31	0.17	0.24
(7,372)	1:41:A:LYS:H	1:44:A:GLU:HB2	4	0.31	0.17	0.24
(7,372)	1:41:A:LYS:H	1:44:A:GLU:HB3	4	0.31	0.17	0.24
(15,1440)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	4	0.31	0.11	0.3
(15,1440)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	4	0.31	0.11	0.3
(18,1438)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	4	0.31	0.11	0.3
(18,1438)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	4	0.31	0.11	0.3
(29,1450)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	4	0.31	0.11	0.3
(29,1450)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	4	0.31	0.11	0.3
(33,1442)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	4	0.31	0.11	0.3
(33,1442)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	4	0.31	0.11	0.3
(34,1457)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	4	0.31	0.11	0.3
(34,1457)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	4	0.31	0.11	0.3
(11,2341)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	4	0.3	0.13	0.3
(11,2341)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	4	0.3	0.13	0.3
(11,2341)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	4	0.3	0.13	0.3
(11,2341)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	4	0.3	0.13	0.3
(11,2341)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	4	0.3	0.13	0.3
(11,2341)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	4	0.3	0.13	0.3
(11,2341)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	4	0.3	0.13	0.3
(11,2341)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	4	0.3	0.13	0.3
(11,2341)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	4	0.3	0.13	0.3
(11,2341)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	4	0.3	0.13	0.3
(11,2341)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	4	0.3	0.13	0.3
(11,2341)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	4	0.3	0.13	0.3
(17,2335)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	4	0.3	0.13	0.3
(17,2335)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	4	0.3	0.13	0.3
(17,2335)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	4	0.3	0.13	0.3
(17,2335)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	4	0.3	0.13	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,2335)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	4	0.3	0.13	0.3
(17,2335)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	4	0.3	0.13	0.3
(17,2335)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	4	0.3	0.13	0.3
(17,2335)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	4	0.3	0.13	0.3
(17,2335)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	4	0.3	0.13	0.3
(17,2335)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	4	0.3	0.13	0.3
(17,2335)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	4	0.3	0.13	0.3
(17,2335)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	4	0.3	0.13	0.3
(3,633)	1:57:A:LEU:H	1:58:A:ILE:HD11	4	0.3	0.2	0.24
(3,633)	1:57:A:LEU:H	1:58:A:ILE:HD12	4	0.3	0.2	0.24
(3,633)	1:57:A:LEU:H	1:58:A:ILE:HD13	4	0.3	0.2	0.24
(5,627)	1:57:A:LEU:H	1:58:A:ILE:HD11	4	0.3	0.2	0.24
(5,627)	1:57:A:LEU:H	1:58:A:ILE:HD12	4	0.3	0.2	0.24
(5,627)	1:57:A:LEU:H	1:58:A:ILE:HD13	4	0.3	0.2	0.24
(5,1647)	1:111:A:GLU:HA	1:114:A:ILE:HG21	4	0.3	0.05	0.3
(5,1647)	1:111:A:GLU:HA	1:114:A:ILE:HG22	4	0.3	0.05	0.3
(5,1647)	1:111:A:GLU:HA	1:114:A:ILE:HG23	4	0.3	0.05	0.3
(6,623)	1:57:A:LEU:H	1:58:A:ILE:HD11	4	0.3	0.2	0.24
(6,623)	1:57:A:LEU:H	1:58:A:ILE:HD12	4	0.3	0.2	0.24
(6,623)	1:57:A:LEU:H	1:58:A:ILE:HD13	4	0.3	0.2	0.24
(6,1056)	1:11:A:ILE:HG12	1:44:A:GLU:HA	4	0.3	0.12	0.32
(7,626)	1:57:A:LEU:H	1:58:A:ILE:HD11	4	0.3	0.2	0.24
(7,626)	1:57:A:LEU:H	1:58:A:ILE:HD12	4	0.3	0.2	0.24
(7,626)	1:57:A:LEU:H	1:58:A:ILE:HD13	4	0.3	0.2	0.24
(11,628)	1:57:A:LEU:H	1:58:A:ILE:HD11	4	0.3	0.2	0.24
(11,628)	1:57:A:LEU:H	1:58:A:ILE:HD12	4	0.3	0.2	0.24
(11,628)	1:57:A:LEU:H	1:58:A:ILE:HD13	4	0.3	0.2	0.24
(15,634)	1:57:A:LEU:H	1:58:A:ILE:HD11	4	0.3	0.2	0.24
(15,634)	1:57:A:LEU:H	1:58:A:ILE:HD12	4	0.3	0.2	0.24
(15,634)	1:57:A:LEU:H	1:58:A:ILE:HD13	4	0.3	0.2	0.24
(15,1073)	1:11:A:ILE:HG12	1:44:A:GLU:HA	4	0.3	0.12	0.32
(16,633)	1:57:A:LEU:H	1:58:A:ILE:HD11	4	0.3	0.2	0.24
(16,633)	1:57:A:LEU:H	1:58:A:ILE:HD12	4	0.3	0.2	0.24
(16,633)	1:57:A:LEU:H	1:58:A:ILE:HD13	4	0.3	0.2	0.24
(17,628)	1:57:A:LEU:H	1:58:A:ILE:HD11	4	0.3	0.2	0.24
(17,628)	1:57:A:LEU:H	1:58:A:ILE:HD12	4	0.3	0.2	0.24
(17,628)	1:57:A:LEU:H	1:58:A:ILE:HD13	4	0.3	0.2	0.24
(17,1649)	1:111:A:GLU:HA	1:114:A:ILE:HG21	4	0.3	0.05	0.3
(17,1649)	1:111:A:GLU:HA	1:114:A:ILE:HG22	4	0.3	0.05	0.3
(17,1649)	1:111:A:GLU:HA	1:114:A:ILE:HG23	4	0.3	0.05	0.3
(18,1619)	1:111:A:GLU:HA	1:114:A:ILE:HG21	4	0.3	0.05	0.3
(18,1619)	1:111:A:GLU:HA	1:114:A:ILE:HG22	4	0.3	0.05	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,1619)	1:111:A:GLU:HA	1:114:A:ILE:HG23	4	0.3	0.05	0.3
(32,1042)	1:11:A:ILE:HG12	1:44:A:GLU:HA	4	0.3	0.12	0.32
(33,627)	1:57:A:LEU:H	1:58:A:ILE:HD11	4	0.3	0.2	0.24
(33,627)	1:57:A:LEU:H	1:58:A:ILE:HD12	4	0.3	0.2	0.24
(33,627)	1:57:A:LEU:H	1:58:A:ILE:HD13	4	0.3	0.2	0.24
(4,756)	1:69:A:MET:HG2	1:73:A:ILE:HD11	4	0.3	0.12	0.3
(4,756)	1:69:A:MET:HG2	1:73:A:ILE:HD12	4	0.3	0.12	0.3
(4,756)	1:69:A:MET:HG2	1:73:A:ILE:HD13	4	0.3	0.12	0.3
(16,1237)	1:136:A:CYS:HA	1:140:A:LEU:HD11	4	0.3	0.19	0.28
(16,1237)	1:136:A:CYS:HA	1:140:A:LEU:HD12	4	0.3	0.19	0.28
(16,1237)	1:136:A:CYS:HA	1:140:A:LEU:HD13	4	0.3	0.19	0.28
(2,1232)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	4	0.3	0.14	0.28
(2,1232)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	4	0.3	0.14	0.28
(2,1232)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	4	0.3	0.14	0.28
(6,1995)	1:14:A:VAL:HB	1:131:A:LEU:HD11	4	0.3	0.16	0.24
(6,1995)	1:14:A:VAL:HB	1:131:A:LEU:HD12	4	0.3	0.16	0.24
(6,1995)	1:14:A:VAL:HB	1:131:A:LEU:HD13	4	0.3	0.16	0.24
(6,1995)	1:14:A:VAL:HB	1:131:A:LEU:HD21	4	0.3	0.16	0.24
(6,1995)	1:14:A:VAL:HB	1:131:A:LEU:HD22	4	0.3	0.16	0.24
(6,1995)	1:14:A:VAL:HB	1:131:A:LEU:HD23	4	0.3	0.16	0.24
(15,1954)	1:14:A:VAL:HB	1:131:A:LEU:HD11	4	0.3	0.16	0.24
(15,1954)	1:14:A:VAL:HB	1:131:A:LEU:HD12	4	0.3	0.16	0.24
(15,1954)	1:14:A:VAL:HB	1:131:A:LEU:HD13	4	0.3	0.16	0.24
(15,1954)	1:14:A:VAL:HB	1:131:A:LEU:HD21	4	0.3	0.16	0.24
(15,1954)	1:14:A:VAL:HB	1:131:A:LEU:HD22	4	0.3	0.16	0.24
(15,1954)	1:14:A:VAL:HB	1:131:A:LEU:HD23	4	0.3	0.16	0.24
(29,2006)	1:14:A:VAL:HB	1:131:A:LEU:HD11	4	0.3	0.16	0.24
(29,2006)	1:14:A:VAL:HB	1:131:A:LEU:HD12	4	0.3	0.16	0.24
(29,2006)	1:14:A:VAL:HB	1:131:A:LEU:HD13	4	0.3	0.16	0.24
(29,2006)	1:14:A:VAL:HB	1:131:A:LEU:HD21	4	0.3	0.16	0.24
(29,2006)	1:14:A:VAL:HB	1:131:A:LEU:HD22	4	0.3	0.16	0.24
(29,2006)	1:14:A:VAL:HB	1:131:A:LEU:HD23	4	0.3	0.16	0.24
(30,1985)	1:14:A:VAL:HB	1:131:A:LEU:HD11	4	0.3	0.16	0.24
(30,1985)	1:14:A:VAL:HB	1:131:A:LEU:HD12	4	0.3	0.16	0.24
(30,1985)	1:14:A:VAL:HB	1:131:A:LEU:HD13	4	0.3	0.16	0.24
(30,1985)	1:14:A:VAL:HB	1:131:A:LEU:HD21	4	0.3	0.16	0.24
(30,1985)	1:14:A:VAL:HB	1:131:A:LEU:HD22	4	0.3	0.16	0.24
(30,1985)	1:14:A:VAL:HB	1:131:A:LEU:HD23	4	0.3	0.16	0.24
(32,1947)	1:14:A:VAL:HB	1:131:A:LEU:HD11	4	0.3	0.16	0.24
(32,1947)	1:14:A:VAL:HB	1:131:A:LEU:HD12	4	0.3	0.16	0.24
(32,1947)	1:14:A:VAL:HB	1:131:A:LEU:HD13	4	0.3	0.16	0.24
(32,1947)	1:14:A:VAL:HB	1:131:A:LEU:HD21	4	0.3	0.16	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,1947)	1:14:A:VAL:HB	1:131:A:LEU:HD22	4	0.3	0.16	0.24
(32,1947)	1:14:A:VAL:HB	1:131:A:LEU:HD23	4	0.3	0.16	0.24
(34,1595)	1:54:A:ARG:HE	1:58:A:ILE:HD11	4	0.3	0.15	0.24
(34,1595)	1:54:A:ARG:HE	1:58:A:ILE:HD12	4	0.3	0.15	0.24
(34,1595)	1:54:A:ARG:HE	1:58:A:ILE:HD13	4	0.3	0.15	0.24
(33,905)	1:21:A:THR:HB	1:22:A:ASP:H	4	0.29	0.06	0.29
(1,1581)	1:11:A:ILE:HD11	1:12:A:VAL:H	4	0.29	0.05	0.3
(1,1581)	1:11:A:ILE:HD12	1:12:A:VAL:H	4	0.29	0.05	0.3
(1,1581)	1:11:A:ILE:HD13	1:12:A:VAL:H	4	0.29	0.05	0.3
(2,1581)	1:11:A:ILE:HD11	1:12:A:VAL:H	4	0.29	0.05	0.3
(2,1581)	1:11:A:ILE:HD12	1:12:A:VAL:H	4	0.29	0.05	0.3
(2,1581)	1:11:A:ILE:HD13	1:12:A:VAL:H	4	0.29	0.05	0.3
(3,1601)	1:11:A:ILE:HD11	1:12:A:VAL:H	4	0.29	0.05	0.3
(3,1601)	1:11:A:ILE:HD12	1:12:A:VAL:H	4	0.29	0.05	0.3
(3,1601)	1:11:A:ILE:HD13	1:12:A:VAL:H	4	0.29	0.05	0.3
(4,1550)	1:11:A:ILE:HD11	1:12:A:VAL:H	4	0.29	0.05	0.3
(4,1550)	1:11:A:ILE:HD12	1:12:A:VAL:H	4	0.29	0.05	0.3
(4,1550)	1:11:A:ILE:HD13	1:12:A:VAL:H	4	0.29	0.05	0.3
(5,1584)	1:11:A:ILE:HD11	1:12:A:VAL:H	4	0.29	0.05	0.3
(5,1584)	1:11:A:ILE:HD12	1:12:A:VAL:H	4	0.29	0.05	0.3
(5,1584)	1:11:A:ILE:HD13	1:12:A:VAL:H	4	0.29	0.05	0.3
(7,1543)	1:11:A:ILE:HD11	1:12:A:VAL:H	4	0.29	0.05	0.3
(7,1543)	1:11:A:ILE:HD12	1:12:A:VAL:H	4	0.29	0.05	0.3
(7,1543)	1:11:A:ILE:HD13	1:12:A:VAL:H	4	0.29	0.05	0.3
(13,1539)	1:11:A:ILE:HD11	1:12:A:VAL:H	4	0.29	0.05	0.3
(13,1539)	1:11:A:ILE:HD12	1:12:A:VAL:H	4	0.29	0.05	0.3
(13,1539)	1:11:A:ILE:HD13	1:12:A:VAL:H	4	0.29	0.05	0.3
(15,1561)	1:11:A:ILE:HD11	1:12:A:VAL:H	4	0.29	0.05	0.3
(15,1561)	1:11:A:ILE:HD12	1:12:A:VAL:H	4	0.29	0.05	0.3
(15,1561)	1:11:A:ILE:HD13	1:12:A:VAL:H	4	0.29	0.05	0.3
(18,1552)	1:11:A:ILE:HD11	1:12:A:VAL:H	4	0.29	0.05	0.3
(18,1552)	1:11:A:ILE:HD12	1:12:A:VAL:H	4	0.29	0.05	0.3
(18,1552)	1:11:A:ILE:HD13	1:12:A:VAL:H	4	0.29	0.05	0.3
(29,1581)	1:11:A:ILE:HD11	1:12:A:VAL:H	4	0.29	0.05	0.3
(29,1581)	1:11:A:ILE:HD12	1:12:A:VAL:H	4	0.29	0.05	0.3
(29,1581)	1:11:A:ILE:HD13	1:12:A:VAL:H	4	0.29	0.05	0.3
(30,1570)	1:11:A:ILE:HD11	1:12:A:VAL:H	4	0.29	0.05	0.3
(30,1570)	1:11:A:ILE:HD12	1:12:A:VAL:H	4	0.29	0.05	0.3
(30,1570)	1:11:A:ILE:HD13	1:12:A:VAL:H	4	0.29	0.05	0.3
(32,1529)	1:11:A:ILE:HD11	1:12:A:VAL:H	4	0.29	0.05	0.3
(32,1529)	1:11:A:ILE:HD12	1:12:A:VAL:H	4	0.29	0.05	0.3
(32,1529)	1:11:A:ILE:HD13	1:12:A:VAL:H	4	0.29	0.05	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,1557)	1:11:A:ILE:HD11	1:12:A:VAL:H	4	0.29	0.05	0.3
(33,1557)	1:11:A:ILE:HD12	1:12:A:VAL:H	4	0.29	0.05	0.3
(33,1557)	1:11:A:ILE:HD13	1:12:A:VAL:H	4	0.29	0.05	0.3
(34,1585)	1:11:A:ILE:HD11	1:12:A:VAL:H	4	0.29	0.05	0.3
(34,1585)	1:11:A:ILE:HD12	1:12:A:VAL:H	4	0.29	0.05	0.3
(34,1585)	1:11:A:ILE:HD13	1:12:A:VAL:H	4	0.29	0.05	0.3
(3,1846)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	4	0.29	0.13	0.24
(3,1846)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	4	0.29	0.13	0.24
(3,1846)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	4	0.29	0.13	0.24
(3,1846)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	4	0.29	0.13	0.24
(3,1846)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	4	0.29	0.13	0.24
(3,1846)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	4	0.29	0.13	0.24
(33,1173)	1:140:A:LEU:H	1:140:A:LEU:HD11	4	0.29	0.03	0.29
(33,1173)	1:140:A:LEU:H	1:140:A:LEU:HD12	4	0.29	0.03	0.29
(33,1173)	1:140:A:LEU:H	1:140:A:LEU:HD13	4	0.29	0.03	0.29
(34,1831)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	4	0.29	0.13	0.24
(34,1831)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	4	0.29	0.13	0.24
(34,1831)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	4	0.29	0.13	0.24
(34,1831)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	4	0.29	0.13	0.24
(34,1831)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	4	0.29	0.13	0.24
(34,1831)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	4	0.29	0.13	0.24
(17,1372)	1:39:A:VAL:HG11	1:143:A:TRP:H	4	0.29	0.23	0.18
(17,1372)	1:39:A:VAL:HG12	1:143:A:TRP:H	4	0.29	0.23	0.18
(17,1372)	1:39:A:VAL:HG13	1:143:A:TRP:H	4	0.29	0.23	0.18
(29,2315)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	4	0.29	0.12	0.25
(29,2315)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	4	0.29	0.12	0.25
(29,2315)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	4	0.29	0.12	0.25
(29,2315)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	4	0.29	0.12	0.25
(29,2315)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	4	0.29	0.12	0.25
(29,2315)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	4	0.29	0.12	0.25
(29,2315)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	4	0.29	0.12	0.25
(29,2315)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	4	0.29	0.12	0.25
(29,2315)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	4	0.29	0.12	0.25
(29,2315)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	4	0.29	0.12	0.25
(29,2315)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	4	0.29	0.12	0.25
(29,2315)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	4	0.29	0.12	0.25
(32,2322)	1:107:A:LEU:H	1:107:A:LEU:HD11	4	0.29	0.14	0.25
(32,2322)	1:107:A:LEU:H	1:107:A:LEU:HD12	4	0.29	0.14	0.25
(32,2322)	1:107:A:LEU:H	1:107:A:LEU:HD13	4	0.29	0.14	0.25
(32,2322)	1:107:A:LEU:H	1:107:A:LEU:HD21	4	0.29	0.14	0.25
(32,2322)	1:107:A:LEU:H	1:107:A:LEU:HD22	4	0.29	0.14	0.25
(32,2322)	1:107:A:LEU:H	1:107:A:LEU:HD23	4	0.29	0.14	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1334)	1:64:A:LYS:HA	1:64:A:LYS:HD2	4	0.29	0.06	0.29
(1,1334)	1:64:A:LYS:HA	1:64:A:LYS:HD3	4	0.29	0.06	0.29
(2,1329)	1:64:A:LYS:HA	1:64:A:LYS:HD2	4	0.29	0.06	0.29
(2,1329)	1:64:A:LYS:HA	1:64:A:LYS:HD3	4	0.29	0.06	0.29
(3,1357)	1:64:A:LYS:HA	1:64:A:LYS:HD2	4	0.29	0.06	0.29
(3,1357)	1:64:A:LYS:HA	1:64:A:LYS:HD3	4	0.29	0.06	0.29
(4,1313)	1:64:A:LYS:HA	1:64:A:LYS:HD2	4	0.29	0.06	0.29
(4,1313)	1:64:A:LYS:HA	1:64:A:LYS:HD3	4	0.29	0.06	0.29
(6,1325)	1:64:A:LYS:HA	1:64:A:LYS:HD2	4	0.29	0.06	0.29
(6,1325)	1:64:A:LYS:HA	1:64:A:LYS:HD3	4	0.29	0.06	0.29
(7,1311)	1:64:A:LYS:HA	1:64:A:LYS:HD2	4	0.29	0.06	0.29
(7,1311)	1:64:A:LYS:HA	1:64:A:LYS:HD3	4	0.29	0.06	0.29
(11,1349)	1:64:A:LYS:HA	1:64:A:LYS:HD2	4	0.29	0.06	0.29
(11,1349)	1:64:A:LYS:HA	1:64:A:LYS:HD3	4	0.29	0.06	0.29
(15,1329)	1:64:A:LYS:HA	1:64:A:LYS:HD2	4	0.29	0.06	0.29
(15,1329)	1:64:A:LYS:HA	1:64:A:LYS:HD3	4	0.29	0.06	0.29
(17,1342)	1:64:A:LYS:HA	1:64:A:LYS:HD2	4	0.29	0.06	0.29
(17,1342)	1:64:A:LYS:HA	1:64:A:LYS:HD3	4	0.29	0.06	0.29
(18,1322)	1:64:A:LYS:HA	1:64:A:LYS:HD2	4	0.29	0.06	0.29
(18,1322)	1:64:A:LYS:HA	1:64:A:LYS:HD3	4	0.29	0.06	0.29
(29,1338)	1:64:A:LYS:HA	1:64:A:LYS:HD2	4	0.29	0.06	0.29
(29,1338)	1:64:A:LYS:HA	1:64:A:LYS:HD3	4	0.29	0.06	0.29
(32,1299)	1:64:A:LYS:HA	1:64:A:LYS:HD2	4	0.29	0.06	0.29
(32,1299)	1:64:A:LYS:HA	1:64:A:LYS:HD3	4	0.29	0.06	0.29
(33,1331)	1:64:A:LYS:HA	1:64:A:LYS:HD2	4	0.29	0.06	0.29
(33,1331)	1:64:A:LYS:HA	1:64:A:LYS:HD3	4	0.29	0.06	0.29
(34,1349)	1:64:A:LYS:HA	1:64:A:LYS:HD2	4	0.29	0.06	0.29
(34,1349)	1:64:A:LYS:HA	1:64:A:LYS:HD3	4	0.29	0.06	0.29
(1,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	4	0.28	0.16	0.24
(1,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	4	0.28	0.16	0.24
(1,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	4	0.28	0.16	0.24
(6,1222)	1:140:A:LEU:HA	1:144:A:LEU:HD11	4	0.28	0.16	0.24
(6,1222)	1:140:A:LEU:HA	1:144:A:LEU:HD12	4	0.28	0.16	0.24
(6,1222)	1:140:A:LEU:HA	1:144:A:LEU:HD13	4	0.28	0.16	0.24
(11,1248)	1:140:A:LEU:HA	1:144:A:LEU:HD11	4	0.28	0.16	0.24
(11,1248)	1:140:A:LEU:HA	1:144:A:LEU:HD12	4	0.28	0.16	0.24
(11,1248)	1:140:A:LEU:HA	1:144:A:LEU:HD13	4	0.28	0.16	0.24
(13,1205)	1:140:A:LEU:HA	1:144:A:LEU:HD11	4	0.28	0.16	0.24
(13,1205)	1:140:A:LEU:HA	1:144:A:LEU:HD12	4	0.28	0.16	0.24
(13,1205)	1:140:A:LEU:HA	1:144:A:LEU:HD13	4	0.28	0.16	0.24
(18,1138)	1:140:A:LEU:HA	1:144:A:LEU:HD11	4	0.28	0.16	0.24
(18,1138)	1:140:A:LEU:HA	1:144:A:LEU:HD12	4	0.28	0.16	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,1138)	1:140:A:LEU:HA	1:144:A:LEU:HD13	4	0.28	0.16	0.24
(30,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD11	4	0.28	0.16	0.24
(30,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD12	4	0.28	0.16	0.24
(30,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD13	4	0.28	0.16	0.24
(33,1502)	1:98:A:ILE:HG21	1:101:A:ILE:HB	4	0.28	0.16	0.24
(33,1502)	1:98:A:ILE:HG22	1:101:A:ILE:HB	4	0.28	0.16	0.24
(33,1502)	1:98:A:ILE:HG23	1:101:A:ILE:HB	4	0.28	0.16	0.24
(1,2077)	1:35:A:LEU:HD11	1:143:A:TRP:HH2	4	0.28	0.06	0.27
(1,2077)	1:35:A:LEU:HD12	1:143:A:TRP:HH2	4	0.28	0.06	0.27
(1,2077)	1:35:A:LEU:HD13	1:143:A:TRP:HH2	4	0.28	0.06	0.27
(1,2077)	1:35:A:LEU:HD21	1:143:A:TRP:HH2	4	0.28	0.06	0.27
(1,2077)	1:35:A:LEU:HD22	1:143:A:TRP:HH2	4	0.28	0.06	0.27
(1,2077)	1:35:A:LEU:HD23	1:143:A:TRP:HH2	4	0.28	0.06	0.27
(4,2080)	1:35:A:LEU:HD11	1:143:A:TRP:HH2	4	0.28	0.06	0.27
(4,2080)	1:35:A:LEU:HD12	1:143:A:TRP:HH2	4	0.28	0.06	0.27
(4,2080)	1:35:A:LEU:HD13	1:143:A:TRP:HH2	4	0.28	0.06	0.27
(4,2080)	1:35:A:LEU:HD21	1:143:A:TRP:HH2	4	0.28	0.06	0.27
(4,2080)	1:35:A:LEU:HD22	1:143:A:TRP:HH2	4	0.28	0.06	0.27
(4,2080)	1:35:A:LEU:HD23	1:143:A:TRP:HH2	4	0.28	0.06	0.27
(3,1225)	1:41:A:LYS:HA	1:41:A:LYS:HG2	4	0.28	0.09	0.28
(3,1430)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	4	0.28	0.05	0.3
(3,1430)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	4	0.28	0.05	0.3
(3,1430)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	4	0.28	0.05	0.3
(3,1430)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	4	0.28	0.05	0.3
(3,1430)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	4	0.28	0.05	0.3
(3,1430)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	4	0.28	0.05	0.3
(29,374)	1:40:A:LEU:HB3	1:41:A:LYS:H	4	0.28	0.06	0.29
(29,1221)	1:41:A:LYS:HA	1:41:A:LYS:HG2	4	0.28	0.09	0.28
(5,2075)	1:37:A:LEU:H	1:40:A:LEU:HB2	4	0.28	0.15	0.23
(5,2075)	1:37:A:LEU:H	1:40:A:LEU:HB3	4	0.28	0.15	0.23
(7,2143)	1:47:A:ALA:HA	1:57:A:LEU:HD11	4	0.28	0.1	0.28
(7,2143)	1:47:A:ALA:HA	1:57:A:LEU:HD12	4	0.28	0.1	0.28
(7,2143)	1:47:A:ALA:HA	1:57:A:LEU:HD13	4	0.28	0.1	0.28
(7,2143)	1:47:A:ALA:HA	1:57:A:LEU:HD21	4	0.28	0.1	0.28
(7,2143)	1:47:A:ALA:HA	1:57:A:LEU:HD22	4	0.28	0.1	0.28
(7,2143)	1:47:A:ALA:HA	1:57:A:LEU:HD23	4	0.28	0.1	0.28
(17,2102)	1:37:A:LEU:H	1:40:A:LEU:HB2	4	0.28	0.15	0.23
(17,2102)	1:37:A:LEU:H	1:40:A:LEU:HB3	4	0.28	0.15	0.23
(6,2082)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	4	0.28	0.12	0.29
(6,2082)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	4	0.28	0.12	0.29
(6,2082)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	4	0.28	0.12	0.29
(6,2082)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	4	0.28	0.12	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,2082)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	4	0.28	0.12	0.29
(6,2082)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	4	0.28	0.12	0.29
(4,2121)	1:40:A:LEU:HD11	1:41:A:LYS:H	4	0.28	0.07	0.26
(4,2121)	1:40:A:LEU:HD12	1:41:A:LYS:H	4	0.28	0.07	0.26
(4,2121)	1:40:A:LEU:HD13	1:41:A:LYS:H	4	0.28	0.07	0.26
(4,2121)	1:40:A:LEU:HD21	1:41:A:LYS:H	4	0.28	0.07	0.26
(4,2121)	1:40:A:LEU:HD22	1:41:A:LYS:H	4	0.28	0.07	0.26
(4,2121)	1:40:A:LEU:HD23	1:41:A:LYS:H	4	0.28	0.07	0.26
(7,628)	1:9:A:PHE:HE1	1:58:A:ILE:H	4	0.28	0.14	0.25
(7,628)	1:9:A:PHE:HE2	1:58:A:ILE:H	4	0.28	0.14	0.25
(15,958)	1:11:A:ILE:HG13	1:43:A:MET:HB2	4	0.28	0.14	0.25
(32,933)	1:11:A:ILE:HG13	1:43:A:MET:HB2	4	0.28	0.14	0.25
(7,1233)	1:23:A:LEU:HD11	1:24:A:ASP:H	4	0.27	0.08	0.29
(7,1233)	1:23:A:LEU:HD12	1:24:A:ASP:H	4	0.27	0.08	0.29
(7,1233)	1:23:A:LEU:HD13	1:24:A:ASP:H	4	0.27	0.08	0.29
(16,2228)	1:66:A:THR:H	1:96:A:VAL:HG11	4	0.27	0.17	0.26
(16,2228)	1:66:A:THR:H	1:96:A:VAL:HG12	4	0.27	0.17	0.26
(16,2228)	1:66:A:THR:H	1:96:A:VAL:HG13	4	0.27	0.17	0.26
(16,2228)	1:66:A:THR:H	1:96:A:VAL:HG21	4	0.27	0.17	0.26
(16,2228)	1:66:A:THR:H	1:96:A:VAL:HG22	4	0.27	0.17	0.26
(16,2228)	1:66:A:THR:H	1:96:A:VAL:HG23	4	0.27	0.17	0.26
(7,951)	1:110:A:MET:HG2	1:114:A:ILE:HD11	4	0.27	0.06	0.26
(7,951)	1:110:A:MET:HG2	1:114:A:ILE:HD12	4	0.27	0.06	0.26
(7,951)	1:110:A:MET:HG2	1:114:A:ILE:HD13	4	0.27	0.06	0.26
(7,951)	1:110:A:MET:HG3	1:114:A:ILE:HD11	4	0.27	0.06	0.26
(7,951)	1:110:A:MET:HG3	1:114:A:ILE:HD12	4	0.27	0.06	0.26
(7,951)	1:110:A:MET:HG3	1:114:A:ILE:HD13	4	0.27	0.06	0.26
(16,902)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	4	0.27	0.1	0.28
(16,902)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	4	0.27	0.1	0.28
(16,902)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	4	0.27	0.1	0.28
(1,1925)	1:80:A:TYR:HE1	1:81:A:GLU:H	4	0.27	0.09	0.31
(1,1925)	1:80:A:TYR:HE2	1:81:A:GLU:H	4	0.27	0.09	0.31
(2,1934)	1:80:A:TYR:HE1	1:81:A:GLU:H	4	0.27	0.09	0.31
(2,1934)	1:80:A:TYR:HE2	1:81:A:GLU:H	4	0.27	0.09	0.31
(4,1884)	1:80:A:TYR:HE1	1:81:A:GLU:H	4	0.27	0.09	0.31
(4,1884)	1:80:A:TYR:HE2	1:81:A:GLU:H	4	0.27	0.09	0.31
(5,840)	1:48:A:ARG:HA	1:48:A:ARG:HD2	4	0.27	0.1	0.3
(5,840)	1:48:A:ARG:HA	1:48:A:ARG:HD3	4	0.27	0.1	0.3
(5,1931)	1:80:A:TYR:HE1	1:81:A:GLU:H	4	0.27	0.09	0.31
(5,1931)	1:80:A:TYR:HE2	1:81:A:GLU:H	4	0.27	0.09	0.31
(6,833)	1:48:A:ARG:HA	1:48:A:ARG:HD2	4	0.27	0.1	0.3
(6,833)	1:48:A:ARG:HA	1:48:A:ARG:HD3	4	0.27	0.1	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,1918)	1:80:A:TYR:HE1	1:81:A:GLU:H	4	0.27	0.09	0.31
(6,1918)	1:80:A:TYR:HE2	1:81:A:GLU:H	4	0.27	0.09	0.31
(7,831)	1:48:A:ARG:HA	1:48:A:ARG:HD2	4	0.27	0.1	0.3
(7,831)	1:48:A:ARG:HA	1:48:A:ARG:HD3	4	0.27	0.1	0.3
(7,1875)	1:80:A:TYR:HE1	1:81:A:GLU:H	4	0.27	0.09	0.31
(7,1875)	1:80:A:TYR:HE2	1:81:A:GLU:H	4	0.27	0.09	0.31
(9,839)	1:48:A:ARG:HA	1:48:A:ARG:HD2	4	0.27	0.1	0.3
(9,839)	1:48:A:ARG:HA	1:48:A:ARG:HD3	4	0.27	0.1	0.3
(9,1906)	1:80:A:TYR:HE1	1:81:A:GLU:H	4	0.27	0.09	0.31
(9,1906)	1:80:A:TYR:HE2	1:81:A:GLU:H	4	0.27	0.09	0.31
(11,840)	1:48:A:ARG:HA	1:48:A:ARG:HD2	4	0.27	0.1	0.3
(11,840)	1:48:A:ARG:HA	1:48:A:ARG:HD3	4	0.27	0.1	0.3
(13,826)	1:48:A:ARG:HA	1:48:A:ARG:HD2	4	0.27	0.1	0.3
(13,826)	1:48:A:ARG:HA	1:48:A:ARG:HD3	4	0.27	0.1	0.3
(13,1867)	1:80:A:TYR:HE1	1:81:A:GLU:H	4	0.27	0.09	0.31
(13,1867)	1:80:A:TYR:HE2	1:81:A:GLU:H	4	0.27	0.09	0.31
(15,843)	1:48:A:ARG:HA	1:48:A:ARG:HD2	4	0.27	0.1	0.3
(15,843)	1:48:A:ARG:HA	1:48:A:ARG:HD3	4	0.27	0.1	0.3
(17,1925)	1:80:A:TYR:HE1	1:81:A:GLU:H	4	0.27	0.09	0.31
(17,1925)	1:80:A:TYR:HE2	1:81:A:GLU:H	4	0.27	0.09	0.31
(18,1900)	1:80:A:TYR:HE1	1:81:A:GLU:H	4	0.27	0.09	0.31
(18,1900)	1:80:A:TYR:HE2	1:81:A:GLU:H	4	0.27	0.09	0.31
(29,853)	1:48:A:ARG:HA	1:48:A:ARG:HD2	4	0.27	0.1	0.3
(29,853)	1:48:A:ARG:HA	1:48:A:ARG:HD3	4	0.27	0.1	0.3
(29,1928)	1:80:A:TYR:HE1	1:81:A:GLU:H	4	0.27	0.09	0.31
(29,1928)	1:80:A:TYR:HE2	1:81:A:GLU:H	4	0.27	0.09	0.31
(30,839)	1:48:A:ARG:HA	1:48:A:ARG:HD2	4	0.27	0.1	0.3
(30,839)	1:48:A:ARG:HA	1:48:A:ARG:HD3	4	0.27	0.1	0.3
(32,820)	1:48:A:ARG:HA	1:48:A:ARG:HD2	4	0.27	0.1	0.3
(32,820)	1:48:A:ARG:HA	1:48:A:ARG:HD3	4	0.27	0.1	0.3
(32,1871)	1:80:A:TYR:HE1	1:81:A:GLU:H	4	0.27	0.09	0.31
(32,1871)	1:80:A:TYR:HE2	1:81:A:GLU:H	4	0.27	0.09	0.31
(33,1907)	1:80:A:TYR:HE1	1:81:A:GLU:H	4	0.27	0.09	0.31
(33,1907)	1:80:A:TYR:HE2	1:81:A:GLU:H	4	0.27	0.09	0.31
(34,1916)	1:80:A:TYR:HE1	1:81:A:GLU:H	4	0.27	0.09	0.31
(34,1916)	1:80:A:TYR:HE2	1:81:A:GLU:H	4	0.27	0.09	0.31
(2,1065)	1:54:A:ARG:HA	1:57:A:LEU:HB3	4	0.27	0.13	0.27
(4,1759)	1:54:A:ARG:HA	1:57:A:LEU:HB3	4	0.27	0.13	0.27
(5,1080)	1:54:A:ARG:HA	1:57:A:LEU:HB3	4	0.27	0.13	0.27
(6,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD11	4	0.27	0.1	0.27
(6,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD12	4	0.27	0.1	0.27
(6,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD13	4	0.27	0.1	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD21	4	0.27	0.1	0.27
(6,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD22	4	0.27	0.1	0.27
(6,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD23	4	0.27	0.1	0.27
(7,1741)	1:54:A:ARG:HA	1:57:A:LEU:HB3	4	0.27	0.13	0.27
(9,1070)	1:54:A:ARG:HA	1:57:A:LEU:HB3	4	0.27	0.13	0.27
(11,1081)	1:54:A:ARG:HA	1:57:A:LEU:HB3	4	0.27	0.13	0.27
(11,1128)	1:41:A:LYS:HA	1:41:A:LYS:HG2	4	0.27	0.09	0.28
(13,1055)	1:54:A:ARG:HA	1:57:A:LEU:HB3	4	0.27	0.13	0.27
(15,1961)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	4	0.27	0.08	0.29
(15,1961)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	4	0.27	0.08	0.29
(15,1961)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	4	0.27	0.08	0.29
(15,1961)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	4	0.27	0.08	0.29
(15,1961)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	4	0.27	0.08	0.29
(15,1961)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	4	0.27	0.08	0.29
(15,1961)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	4	0.27	0.08	0.29
(15,1961)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	4	0.27	0.08	0.29
(15,1961)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	4	0.27	0.08	0.29
(15,1961)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	4	0.27	0.08	0.29
(15,1961)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	4	0.27	0.08	0.29
(15,1961)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	4	0.27	0.08	0.29
(17,2184)	1:47:A:ALA:HA	1:57:A:LEU:HD11	4	0.27	0.1	0.27
(17,2184)	1:47:A:ALA:HA	1:57:A:LEU:HD12	4	0.27	0.1	0.27
(17,2184)	1:47:A:ALA:HA	1:57:A:LEU:HD13	4	0.27	0.1	0.27
(17,2184)	1:47:A:ALA:HA	1:57:A:LEU:HD21	4	0.27	0.1	0.27
(17,2184)	1:47:A:ALA:HA	1:57:A:LEU:HD22	4	0.27	0.1	0.27
(17,2184)	1:47:A:ALA:HA	1:57:A:LEU:HD23	4	0.27	0.1	0.27
(18,1196)	1:23:A:LEU:HD21	1:24:A:ASP:H	4	0.27	0.08	0.27
(18,1196)	1:23:A:LEU:HD22	1:24:A:ASP:H	4	0.27	0.08	0.27
(18,1196)	1:23:A:LEU:HD23	1:24:A:ASP:H	4	0.27	0.08	0.27
(30,1063)	1:54:A:ARG:HA	1:57:A:LEU:HB3	4	0.27	0.13	0.27
(32,1043)	1:54:A:ARG:HA	1:57:A:LEU:HB3	4	0.27	0.13	0.27
(33,1070)	1:54:A:ARG:HA	1:57:A:LEU:HB3	4	0.27	0.13	0.27
(1,737)	1:46:A:ASN:HA	1:50:A:ALA:H	4	0.27	0.12	0.26
(2,1370)	1:21:A:THR:H	1:21:A:THR:HG21	4	0.27	0.1	0.22
(2,1370)	1:21:A:THR:H	1:21:A:THR:HG22	4	0.27	0.1	0.22
(2,1370)	1:21:A:THR:H	1:21:A:THR:HG23	4	0.27	0.1	0.22
(4,1345)	1:21:A:THR:H	1:21:A:THR:HG21	4	0.27	0.1	0.22
(4,1345)	1:21:A:THR:H	1:21:A:THR:HG22	4	0.27	0.1	0.22
(4,1345)	1:21:A:THR:H	1:21:A:THR:HG23	4	0.27	0.1	0.22
(6,718)	1:46:A:ASN:HA	1:50:A:ALA:H	4	0.27	0.12	0.26
(6,1360)	1:21:A:THR:H	1:21:A:THR:HG21	4	0.27	0.1	0.22
(6,1360)	1:21:A:THR:H	1:21:A:THR:HG22	4	0.27	0.1	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,1360)	1:21:A:THR:H	1:21:A:THR:HG23	4	0.27	0.1	0.22
(7,1349)	1:21:A:THR:H	1:21:A:THR:HG21	4	0.27	0.1	0.22
(7,1349)	1:21:A:THR:H	1:21:A:THR:HG22	4	0.27	0.1	0.22
(7,1349)	1:21:A:THR:H	1:21:A:THR:HG23	4	0.27	0.1	0.22
(11,1385)	1:21:A:THR:H	1:21:A:THR:HG21	4	0.27	0.1	0.22
(11,1385)	1:21:A:THR:H	1:21:A:THR:HG22	4	0.27	0.1	0.22
(11,1385)	1:21:A:THR:H	1:21:A:THR:HG23	4	0.27	0.1	0.22
(13,1336)	1:21:A:THR:H	1:21:A:THR:HG21	4	0.27	0.1	0.22
(13,1336)	1:21:A:THR:H	1:21:A:THR:HG22	4	0.27	0.1	0.22
(13,1336)	1:21:A:THR:H	1:21:A:THR:HG23	4	0.27	0.1	0.22
(16,1368)	1:21:A:THR:H	1:21:A:THR:HG21	4	0.27	0.1	0.22
(16,1368)	1:21:A:THR:H	1:21:A:THR:HG22	4	0.27	0.1	0.22
(16,1368)	1:21:A:THR:H	1:21:A:THR:HG23	4	0.27	0.1	0.22
(17,732)	1:46:A:ASN:HA	1:50:A:ALA:H	4	0.27	0.12	0.26
(18,744)	1:46:A:ASN:HA	1:50:A:ALA:H	4	0.27	0.12	0.26
(18,1358)	1:21:A:THR:H	1:21:A:THR:HG21	4	0.27	0.1	0.22
(18,1358)	1:21:A:THR:H	1:21:A:THR:HG22	4	0.27	0.1	0.22
(18,1358)	1:21:A:THR:H	1:21:A:THR:HG23	4	0.27	0.1	0.22
(29,739)	1:46:A:ASN:HA	1:50:A:ALA:H	4	0.27	0.12	0.26
(32,1330)	1:21:A:THR:H	1:21:A:THR:HG21	4	0.27	0.1	0.22
(32,1330)	1:21:A:THR:H	1:21:A:THR:HG22	4	0.27	0.1	0.22
(32,1330)	1:21:A:THR:H	1:21:A:THR:HG23	4	0.27	0.1	0.22
(33,1366)	1:21:A:THR:H	1:21:A:THR:HG21	4	0.27	0.1	0.22
(33,1366)	1:21:A:THR:H	1:21:A:THR:HG22	4	0.27	0.1	0.22
(33,1366)	1:21:A:THR:H	1:21:A:THR:HG23	4	0.27	0.1	0.22
(34,1383)	1:21:A:THR:H	1:21:A:THR:HG21	4	0.27	0.1	0.22
(34,1383)	1:21:A:THR:H	1:21:A:THR:HG22	4	0.27	0.1	0.22
(34,1383)	1:21:A:THR:H	1:21:A:THR:HG23	4	0.27	0.1	0.22
(34,2088)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	4	0.27	0.12	0.28
(34,2088)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	4	0.27	0.12	0.28
(34,2088)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	4	0.27	0.12	0.28
(34,2088)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	4	0.27	0.12	0.28
(34,2088)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	4	0.27	0.12	0.28
(34,2088)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	4	0.27	0.12	0.28
(33,901)	1:73:A:ILE:HB	1:76:A:ARG:HA	4	0.27	0.13	0.22
(1,1542)	1:110:A:MET:HE1	1:114:A:ILE:HA	4	0.26	0.01	0.27
(1,1542)	1:110:A:MET:HE2	1:114:A:ILE:HA	4	0.26	0.01	0.27
(1,1542)	1:110:A:MET:HE3	1:114:A:ILE:HA	4	0.26	0.01	0.27
(5,1544)	1:110:A:MET:HE1	1:114:A:ILE:HA	4	0.26	0.01	0.27
(5,1544)	1:110:A:MET:HE2	1:114:A:ILE:HA	4	0.26	0.01	0.27
(5,1544)	1:110:A:MET:HE3	1:114:A:ILE:HA	4	0.26	0.01	0.27
(6,2334)	1:107:A:LEU:HD11	1:112:A:GLN:HA	4	0.26	0.16	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,2334)	1:107:A:LEU:HD12	1:112:A:GLN:HA	4	0.26	0.16	0.24
(6,2334)	1:107:A:LEU:HD13	1:112:A:GLN:HA	4	0.26	0.16	0.24
(6,2334)	1:107:A:LEU:HD21	1:112:A:GLN:HA	4	0.26	0.16	0.24
(6,2334)	1:107:A:LEU:HD22	1:112:A:GLN:HA	4	0.26	0.16	0.24
(6,2334)	1:107:A:LEU:HD23	1:112:A:GLN:HA	4	0.26	0.16	0.24
(7,1510)	1:110:A:MET:HE1	1:114:A:ILE:HA	4	0.26	0.01	0.27
(7,1510)	1:110:A:MET:HE2	1:114:A:ILE:HA	4	0.26	0.01	0.27
(7,1510)	1:110:A:MET:HE3	1:114:A:ILE:HA	4	0.26	0.01	0.27
(11,1549)	1:110:A:MET:HE1	1:114:A:ILE:HA	4	0.26	0.01	0.27
(11,1549)	1:110:A:MET:HE2	1:114:A:ILE:HA	4	0.26	0.01	0.27
(11,1549)	1:110:A:MET:HE3	1:114:A:ILE:HA	4	0.26	0.01	0.27
(2,1792)	1:101:A:ILE:HG21	1:102:A:PRO:HA	4	0.26	0.14	0.22
(2,1792)	1:101:A:ILE:HG22	1:102:A:PRO:HA	4	0.26	0.14	0.22
(2,1792)	1:101:A:ILE:HG23	1:102:A:PRO:HA	4	0.26	0.14	0.22
(3,1803)	1:101:A:ILE:HG21	1:102:A:PRO:HA	4	0.26	0.14	0.22
(3,1803)	1:101:A:ILE:HG22	1:102:A:PRO:HA	4	0.26	0.14	0.22
(3,1803)	1:101:A:ILE:HG23	1:102:A:PRO:HA	4	0.26	0.14	0.22
(4,1754)	1:101:A:ILE:HG21	1:102:A:PRO:HA	4	0.26	0.14	0.22
(4,1754)	1:101:A:ILE:HG22	1:102:A:PRO:HA	4	0.26	0.14	0.22
(4,1754)	1:101:A:ILE:HG23	1:102:A:PRO:HA	4	0.26	0.14	0.22
(5,1799)	1:101:A:ILE:HG21	1:102:A:PRO:HA	4	0.26	0.14	0.22
(5,1799)	1:101:A:ILE:HG22	1:102:A:PRO:HA	4	0.26	0.14	0.22
(5,1799)	1:101:A:ILE:HG23	1:102:A:PRO:HA	4	0.26	0.14	0.22
(6,1780)	1:101:A:ILE:HG21	1:102:A:PRO:HA	4	0.26	0.14	0.22
(6,1780)	1:101:A:ILE:HG22	1:102:A:PRO:HA	4	0.26	0.14	0.22
(6,1780)	1:101:A:ILE:HG23	1:102:A:PRO:HA	4	0.26	0.14	0.22
(33,1769)	1:101:A:ILE:HG21	1:102:A:PRO:HA	4	0.26	0.14	0.22
(33,1769)	1:101:A:ILE:HG22	1:102:A:PRO:HA	4	0.26	0.14	0.22
(33,1769)	1:101:A:ILE:HG23	1:102:A:PRO:HA	4	0.26	0.14	0.22
(2,1236)	1:38:A:GLU:HB2	1:139:A:LEU:HD21	4	0.26	0.13	0.24
(2,1236)	1:38:A:GLU:HB2	1:139:A:LEU:HD22	4	0.26	0.13	0.24
(2,1236)	1:38:A:GLU:HB2	1:139:A:LEU:HD23	4	0.26	0.13	0.24
(3,2017)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	4	0.26	0.08	0.28
(3,2017)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	4	0.26	0.08	0.28
(3,2017)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	4	0.26	0.08	0.28
(3,2017)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	4	0.26	0.08	0.28
(3,2017)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	4	0.26	0.08	0.28
(3,2017)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	4	0.26	0.08	0.28
(3,2017)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	4	0.26	0.08	0.28
(3,2017)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	4	0.26	0.08	0.28
(3,2017)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	4	0.26	0.08	0.28
(3,2017)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	4	0.26	0.08	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,2017)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	4	0.26	0.08	0.28
(3,2017)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	4	0.26	0.08	0.28
(4,1219)	1:38:A:GLU:HB2	1:139:A:LEU:HD21	4	0.26	0.13	0.24
(4,1219)	1:38:A:GLU:HB2	1:139:A:LEU:HD22	4	0.26	0.13	0.24
(4,1219)	1:38:A:GLU:HB2	1:139:A:LEU:HD23	4	0.26	0.13	0.24
(11,1317)	1:11:A:ILE:HA	1:14:A:VAL:HG11	4	0.26	0.1	0.24
(11,1317)	1:11:A:ILE:HA	1:14:A:VAL:HG12	4	0.26	0.1	0.24
(11,1317)	1:11:A:ILE:HA	1:14:A:VAL:HG13	4	0.26	0.1	0.24
(17,2004)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	4	0.26	0.08	0.28
(17,2004)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	4	0.26	0.08	0.28
(17,2004)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	4	0.26	0.08	0.28
(17,2004)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	4	0.26	0.08	0.28
(17,2004)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	4	0.26	0.08	0.28
(17,2004)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	4	0.26	0.08	0.28
(17,2004)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	4	0.26	0.08	0.28
(17,2004)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	4	0.26	0.08	0.28
(17,2004)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	4	0.26	0.08	0.28
(17,2004)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	4	0.26	0.08	0.28
(17,2004)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	4	0.26	0.08	0.28
(17,2004)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	4	0.26	0.08	0.28
(32,1954)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	4	0.26	0.08	0.28
(32,1954)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	4	0.26	0.08	0.28
(32,1954)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	4	0.26	0.08	0.28
(32,1954)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	4	0.26	0.08	0.28
(32,1954)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	4	0.26	0.08	0.28
(32,1954)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	4	0.26	0.08	0.28
(32,1954)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	4	0.26	0.08	0.28
(32,1954)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	4	0.26	0.08	0.28
(32,1954)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	4	0.26	0.08	0.28
(32,1954)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	4	0.26	0.08	0.28
(32,1954)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	4	0.26	0.08	0.28
(32,1954)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	4	0.26	0.08	0.28
(33,377)	1:40:A:LEU:HB3	1:41:A:LYS:H	4	0.26	0.06	0.27
(34,1996)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	4	0.26	0.08	0.28
(34,1996)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	4	0.26	0.08	0.28
(34,1996)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	4	0.26	0.08	0.28
(34,1996)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	4	0.26	0.08	0.28
(34,1996)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	4	0.26	0.08	0.28
(34,1996)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	4	0.26	0.08	0.28
(34,1996)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	4	0.26	0.08	0.28
(34,1996)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	4	0.26	0.08	0.28
(34,1996)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	4	0.26	0.08	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,1996)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	4	0.26	0.08	0.28
(34,1996)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	4	0.26	0.08	0.28
(34,1996)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	4	0.26	0.08	0.28
(9,862)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	4	0.26	0.17	0.16
(9,862)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	4	0.26	0.17	0.16
(9,862)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	4	0.26	0.17	0.16
(1,2120)	1:40:A:LEU:HD11	1:41:A:LYS:H	4	0.26	0.07	0.24
(1,2120)	1:40:A:LEU:HD12	1:41:A:LYS:H	4	0.26	0.07	0.24
(1,2120)	1:40:A:LEU:HD13	1:41:A:LYS:H	4	0.26	0.07	0.24
(1,2120)	1:40:A:LEU:HD21	1:41:A:LYS:H	4	0.26	0.07	0.24
(1,2120)	1:40:A:LEU:HD22	1:41:A:LYS:H	4	0.26	0.07	0.24
(1,2120)	1:40:A:LEU:HD23	1:41:A:LYS:H	4	0.26	0.07	0.24
(1,1833)	1:9:A:PHE:HZ	1:11:A:ILE:HB	4	0.26	0.08	0.24
(2,1528)	1:69:A:MET:HE1	1:113:A:PHE:HB3	4	0.26	0.14	0.22
(2,1528)	1:69:A:MET:HE2	1:113:A:PHE:HB3	4	0.26	0.14	0.22
(2,1528)	1:69:A:MET:HE3	1:113:A:PHE:HB3	4	0.26	0.14	0.22
(3,1038)	1:27:A:ARG:HB2	1:28:A:GLY:HA2	4	0.26	0.1	0.27
(3,1038)	1:27:A:ARG:HB2	1:28:A:GLY:HA3	4	0.26	0.1	0.27
(3,1849)	1:9:A:PHE:HZ	1:11:A:ILE:HB	4	0.26	0.08	0.24
(4,1508)	1:69:A:MET:HE1	1:113:A:PHE:HB3	4	0.26	0.14	0.22
(4,1508)	1:69:A:MET:HE2	1:113:A:PHE:HB3	4	0.26	0.14	0.22
(4,1508)	1:69:A:MET:HE3	1:113:A:PHE:HB3	4	0.26	0.14	0.22
(4,1802)	1:9:A:PHE:HZ	1:11:A:ILE:HB	4	0.26	0.08	0.24
(5,1391)	1:46:A:ASN:HB3	1:134:A:VAL:HG21	4	0.26	0.13	0.2
(5,1391)	1:46:A:ASN:HB3	1:134:A:VAL:HG22	4	0.26	0.13	0.2
(5,1391)	1:46:A:ASN:HB3	1:134:A:VAL:HG23	4	0.26	0.13	0.2
(5,1848)	1:9:A:PHE:HZ	1:11:A:ILE:HB	4	0.26	0.08	0.24
(6,1826)	1:9:A:PHE:HZ	1:11:A:ILE:HB	4	0.26	0.08	0.24
(7,1789)	1:9:A:PHE:HZ	1:11:A:ILE:HB	4	0.26	0.08	0.24
(9,1018)	1:27:A:ARG:HB2	1:28:A:GLY:HA2	4	0.26	0.1	0.27
(9,1018)	1:27:A:ARG:HB2	1:28:A:GLY:HA3	4	0.26	0.1	0.27
(9,1523)	1:69:A:MET:HE1	1:113:A:PHE:HB3	4	0.26	0.14	0.22
(9,1523)	1:69:A:MET:HE2	1:113:A:PHE:HB3	4	0.26	0.14	0.22
(9,1523)	1:69:A:MET:HE3	1:113:A:PHE:HB3	4	0.26	0.14	0.22
(9,1814)	1:9:A:PHE:HZ	1:11:A:ILE:HB	4	0.26	0.08	0.24
(11,1031)	1:27:A:ARG:HB2	1:28:A:GLY:HA2	4	0.26	0.1	0.27
(11,1031)	1:27:A:ARG:HB2	1:28:A:GLY:HA3	4	0.26	0.1	0.27
(11,1849)	1:9:A:PHE:HZ	1:11:A:ILE:HB	4	0.26	0.08	0.24
(13,1781)	1:9:A:PHE:HZ	1:11:A:ILE:HB	4	0.26	0.08	0.24
(16,1525)	1:69:A:MET:HE1	1:113:A:PHE:HB3	4	0.26	0.14	0.22
(16,1525)	1:69:A:MET:HE2	1:113:A:PHE:HB3	4	0.26	0.14	0.22
(16,1525)	1:69:A:MET:HE3	1:113:A:PHE:HB3	4	0.26	0.14	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1815)	1:9:A:PHE:HZ	1:11:A:ILE:HB	4	0.26	0.08	0.24
(17,1836)	1:9:A:PHE:HZ	1:11:A:ILE:HB	4	0.26	0.08	0.24
(18,1517)	1:69:A:MET:HE1	1:113:A:PHE:HB3	4	0.26	0.14	0.22
(18,1517)	1:69:A:MET:HE2	1:113:A:PHE:HB3	4	0.26	0.14	0.22
(18,1517)	1:69:A:MET:HE3	1:113:A:PHE:HB3	4	0.26	0.14	0.22
(18,1809)	1:9:A:PHE:HZ	1:11:A:ILE:HB	4	0.26	0.08	0.24
(30,1822)	1:9:A:PHE:HZ	1:11:A:ILE:HB	4	0.26	0.08	0.24
(32,1487)	1:69:A:MET:HE1	1:113:A:PHE:HB3	4	0.26	0.14	0.22
(32,1487)	1:69:A:MET:HE2	1:113:A:PHE:HB3	4	0.26	0.14	0.22
(32,1487)	1:69:A:MET:HE3	1:113:A:PHE:HB3	4	0.26	0.14	0.22
(32,1786)	1:9:A:PHE:HZ	1:11:A:ILE:HB	4	0.26	0.08	0.24
(33,1518)	1:69:A:MET:HE1	1:113:A:PHE:HB3	4	0.26	0.14	0.22
(33,1518)	1:69:A:MET:HE2	1:113:A:PHE:HB3	4	0.26	0.14	0.22
(33,1518)	1:69:A:MET:HE3	1:113:A:PHE:HB3	4	0.26	0.14	0.22
(33,1819)	1:9:A:PHE:HZ	1:11:A:ILE:HB	4	0.26	0.08	0.24
(34,1541)	1:69:A:MET:HE1	1:113:A:PHE:HB3	4	0.26	0.14	0.22
(34,1541)	1:69:A:MET:HE2	1:113:A:PHE:HB3	4	0.26	0.14	0.22
(34,1541)	1:69:A:MET:HE3	1:113:A:PHE:HB3	4	0.26	0.14	0.22
(1,1275)	1:114:A:ILE:HA	1:117:A:VAL:HG11	4	0.25	0.07	0.23
(1,1275)	1:114:A:ILE:HA	1:117:A:VAL:HG12	4	0.25	0.07	0.23
(1,1275)	1:114:A:ILE:HA	1:117:A:VAL:HG13	4	0.25	0.07	0.23
(4,1247)	1:114:A:ILE:HA	1:117:A:VAL:HG11	4	0.25	0.07	0.23
(4,1247)	1:114:A:ILE:HA	1:117:A:VAL:HG12	4	0.25	0.07	0.23
(4,1247)	1:114:A:ILE:HA	1:117:A:VAL:HG13	4	0.25	0.07	0.23
(5,1281)	1:114:A:ILE:HA	1:117:A:VAL:HG11	4	0.25	0.07	0.23
(5,1281)	1:114:A:ILE:HA	1:117:A:VAL:HG12	4	0.25	0.07	0.23
(5,1281)	1:114:A:ILE:HA	1:117:A:VAL:HG13	4	0.25	0.07	0.23
(6,1260)	1:114:A:ILE:HA	1:117:A:VAL:HG11	4	0.25	0.07	0.23
(6,1260)	1:114:A:ILE:HA	1:117:A:VAL:HG12	4	0.25	0.07	0.23
(6,1260)	1:114:A:ILE:HA	1:117:A:VAL:HG13	4	0.25	0.07	0.23
(7,1252)	1:114:A:ILE:HA	1:117:A:VAL:HG11	4	0.25	0.07	0.23
(7,1252)	1:114:A:ILE:HA	1:117:A:VAL:HG12	4	0.25	0.07	0.23
(7,1252)	1:114:A:ILE:HA	1:117:A:VAL:HG13	4	0.25	0.07	0.23
(15,1230)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	4	0.25	0.16	0.18
(15,1230)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	4	0.25	0.16	0.18
(15,1230)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	4	0.25	0.16	0.18
(15,1269)	1:114:A:ILE:HA	1:117:A:VAL:HG11	4	0.25	0.07	0.23
(15,1269)	1:114:A:ILE:HA	1:117:A:VAL:HG12	4	0.25	0.07	0.23
(15,1269)	1:114:A:ILE:HA	1:117:A:VAL:HG13	4	0.25	0.07	0.23
(29,1282)	1:114:A:ILE:HA	1:117:A:VAL:HG11	4	0.25	0.07	0.23
(29,1282)	1:114:A:ILE:HA	1:117:A:VAL:HG12	4	0.25	0.07	0.23
(29,1282)	1:114:A:ILE:HA	1:117:A:VAL:HG13	4	0.25	0.07	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,1344)	1:114:A:ILE:HA	1:117:A:VAL:HG11	4	0.25	0.07	0.23
(30,1344)	1:114:A:ILE:HA	1:117:A:VAL:HG12	4	0.25	0.07	0.23
(30,1344)	1:114:A:ILE:HA	1:117:A:VAL:HG13	4	0.25	0.07	0.23
(32,1240)	1:114:A:ILE:HA	1:117:A:VAL:HG11	4	0.25	0.07	0.23
(32,1240)	1:114:A:ILE:HA	1:117:A:VAL:HG12	4	0.25	0.07	0.23
(32,1240)	1:114:A:ILE:HA	1:117:A:VAL:HG13	4	0.25	0.07	0.23
(34,1021)	1:114:A:ILE:HA	1:117:A:VAL:HG11	4	0.25	0.07	0.23
(34,1021)	1:114:A:ILE:HA	1:117:A:VAL:HG12	4	0.25	0.07	0.23
(34,1021)	1:114:A:ILE:HA	1:117:A:VAL:HG13	4	0.25	0.07	0.23
(3,58)	1:11:A:ILE:HD11	1:47:A:ALA:H	4	0.25	0.07	0.26
(3,58)	1:11:A:ILE:HD12	1:47:A:ALA:H	4	0.25	0.07	0.26
(3,58)	1:11:A:ILE:HD13	1:47:A:ALA:H	4	0.25	0.07	0.26
(6,54)	1:11:A:ILE:HD11	1:47:A:ALA:H	4	0.25	0.07	0.26
(6,54)	1:11:A:ILE:HD12	1:47:A:ALA:H	4	0.25	0.07	0.26
(6,54)	1:11:A:ILE:HD13	1:47:A:ALA:H	4	0.25	0.07	0.26
(6,2003)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	4	0.25	0.08	0.27
(6,2003)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	4	0.25	0.08	0.27
(6,2003)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	4	0.25	0.08	0.27
(6,2003)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	4	0.25	0.08	0.27
(6,2003)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	4	0.25	0.08	0.27
(6,2003)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	4	0.25	0.08	0.27
(6,2003)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	4	0.25	0.08	0.27
(6,2003)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	4	0.25	0.08	0.27
(6,2003)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	4	0.25	0.08	0.27
(6,2003)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	4	0.25	0.08	0.27
(6,2003)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	4	0.25	0.08	0.27
(6,2003)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	4	0.25	0.08	0.27
(7,53)	1:11:A:ILE:HD11	1:47:A:ALA:H	4	0.25	0.07	0.26
(7,53)	1:11:A:ILE:HD12	1:47:A:ALA:H	4	0.25	0.07	0.26
(7,53)	1:11:A:ILE:HD13	1:47:A:ALA:H	4	0.25	0.07	0.26
(7,1942)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	4	0.25	0.08	0.27
(7,1942)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	4	0.25	0.08	0.27
(7,1942)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	4	0.25	0.08	0.27
(7,1942)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	4	0.25	0.08	0.27
(7,1942)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	4	0.25	0.08	0.27
(7,1942)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	4	0.25	0.08	0.27
(7,1942)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	4	0.25	0.08	0.27
(7,1942)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	4	0.25	0.08	0.27
(7,1942)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	4	0.25	0.08	0.27
(7,1942)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	4	0.25	0.08	0.27
(7,1942)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	4	0.25	0.08	0.27
(7,1942)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	4	0.25	0.08	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,59)	1:11:A:ILE:HD11	1:47:A:ALA:H	4	0.25	0.07	0.26
(11,59)	1:11:A:ILE:HD12	1:47:A:ALA:H	4	0.25	0.07	0.26
(11,59)	1:11:A:ILE:HD13	1:47:A:ALA:H	4	0.25	0.07	0.26
(17,55)	1:11:A:ILE:HD11	1:47:A:ALA:H	4	0.25	0.07	0.26
(17,55)	1:11:A:ILE:HD12	1:47:A:ALA:H	4	0.25	0.07	0.26
(17,55)	1:11:A:ILE:HD13	1:47:A:ALA:H	4	0.25	0.07	0.26
(18,60)	1:11:A:ILE:HD11	1:47:A:ALA:H	4	0.25	0.07	0.26
(18,60)	1:11:A:ILE:HD12	1:47:A:ALA:H	4	0.25	0.07	0.26
(18,60)	1:11:A:ILE:HD13	1:47:A:ALA:H	4	0.25	0.07	0.26
(33,62)	1:11:A:ILE:HD11	1:47:A:ALA:H	4	0.25	0.07	0.26
(33,62)	1:11:A:ILE:HD12	1:47:A:ALA:H	4	0.25	0.07	0.26
(33,62)	1:11:A:ILE:HD13	1:47:A:ALA:H	4	0.25	0.07	0.26
(34,777)	1:69:A:MET:HG3	1:73:A:ILE:HD11	4	0.25	0.1	0.25
(34,777)	1:69:A:MET:HG3	1:73:A:ILE:HD12	4	0.25	0.1	0.25
(34,777)	1:69:A:MET:HG3	1:73:A:ILE:HD13	4	0.25	0.1	0.25
(9,2187)	1:66:A:THR:H	1:116:A:GLN:HE21	4	0.25	0.09	0.25
(9,2187)	1:66:A:THR:H	1:116:A:GLN:HE22	4	0.25	0.09	0.25
(11,2142)	1:40:A:LEU:HD11	1:41:A:LYS:H	4	0.25	0.07	0.24
(11,2142)	1:40:A:LEU:HD12	1:41:A:LYS:H	4	0.25	0.07	0.24
(11,2142)	1:40:A:LEU:HD13	1:41:A:LYS:H	4	0.25	0.07	0.24
(11,2142)	1:40:A:LEU:HD21	1:41:A:LYS:H	4	0.25	0.07	0.24
(11,2142)	1:40:A:LEU:HD22	1:41:A:LYS:H	4	0.25	0.07	0.24
(11,2142)	1:40:A:LEU:HD23	1:41:A:LYS:H	4	0.25	0.07	0.24
(1,2102)	1:39:A:VAL:HG11	1:43:A:MET:H	4	0.25	0.16	0.18
(1,2102)	1:39:A:VAL:HG12	1:43:A:MET:H	4	0.25	0.16	0.18
(1,2102)	1:39:A:VAL:HG13	1:43:A:MET:H	4	0.25	0.16	0.18
(1,2102)	1:39:A:VAL:HG21	1:43:A:MET:H	4	0.25	0.16	0.18
(1,2102)	1:39:A:VAL:HG22	1:43:A:MET:H	4	0.25	0.16	0.18
(1,2102)	1:39:A:VAL:HG23	1:43:A:MET:H	4	0.25	0.16	0.18
(5,2099)	1:39:A:VAL:HG11	1:43:A:MET:H	4	0.25	0.16	0.18
(5,2099)	1:39:A:VAL:HG12	1:43:A:MET:H	4	0.25	0.16	0.18
(5,2099)	1:39:A:VAL:HG13	1:43:A:MET:H	4	0.25	0.16	0.18
(5,2099)	1:39:A:VAL:HG21	1:43:A:MET:H	4	0.25	0.16	0.18
(5,2099)	1:39:A:VAL:HG22	1:43:A:MET:H	4	0.25	0.16	0.18
(5,2099)	1:39:A:VAL:HG23	1:43:A:MET:H	4	0.25	0.16	0.18
(7,2021)	1:30:A:LEU:HD11	1:31:A:PRO:HG2	4	0.25	0.08	0.22
(7,2021)	1:30:A:LEU:HD11	1:31:A:PRO:HG3	4	0.25	0.08	0.22
(7,2021)	1:30:A:LEU:HD12	1:31:A:PRO:HG2	4	0.25	0.08	0.22
(7,2021)	1:30:A:LEU:HD12	1:31:A:PRO:HG3	4	0.25	0.08	0.22
(7,2021)	1:30:A:LEU:HD13	1:31:A:PRO:HG2	4	0.25	0.08	0.22
(7,2021)	1:30:A:LEU:HD13	1:31:A:PRO:HG3	4	0.25	0.08	0.22
(7,2021)	1:30:A:LEU:HD21	1:31:A:PRO:HG2	4	0.25	0.08	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,2021)	1:30:A:LEU:HD21	1:31:A:PRO:HG3	4	0.25	0.08	0.22
(7,2021)	1:30:A:LEU:HD22	1:31:A:PRO:HG2	4	0.25	0.08	0.22
(7,2021)	1:30:A:LEU:HD22	1:31:A:PRO:HG3	4	0.25	0.08	0.22
(7,2021)	1:30:A:LEU:HD23	1:31:A:PRO:HG2	4	0.25	0.08	0.22
(7,2021)	1:30:A:LEU:HD23	1:31:A:PRO:HG3	4	0.25	0.08	0.22
(13,2061)	1:39:A:VAL:HG11	1:43:A:MET:H	4	0.25	0.16	0.18
(13,2061)	1:39:A:VAL:HG12	1:43:A:MET:H	4	0.25	0.16	0.18
(13,2061)	1:39:A:VAL:HG13	1:43:A:MET:H	4	0.25	0.16	0.18
(13,2061)	1:39:A:VAL:HG21	1:43:A:MET:H	4	0.25	0.16	0.18
(13,2061)	1:39:A:VAL:HG22	1:43:A:MET:H	4	0.25	0.16	0.18
(13,2061)	1:39:A:VAL:HG23	1:43:A:MET:H	4	0.25	0.16	0.18
(16,2122)	1:39:A:VAL:HG11	1:43:A:MET:H	4	0.25	0.16	0.18
(16,2122)	1:39:A:VAL:HG12	1:43:A:MET:H	4	0.25	0.16	0.18
(16,2122)	1:39:A:VAL:HG13	1:43:A:MET:H	4	0.25	0.16	0.18
(16,2122)	1:39:A:VAL:HG21	1:43:A:MET:H	4	0.25	0.16	0.18
(16,2122)	1:39:A:VAL:HG22	1:43:A:MET:H	4	0.25	0.16	0.18
(16,2122)	1:39:A:VAL:HG23	1:43:A:MET:H	4	0.25	0.16	0.18
(17,2125)	1:39:A:VAL:HG11	1:43:A:MET:H	4	0.25	0.16	0.18
(17,2125)	1:39:A:VAL:HG12	1:43:A:MET:H	4	0.25	0.16	0.18
(17,2125)	1:39:A:VAL:HG13	1:43:A:MET:H	4	0.25	0.16	0.18
(17,2125)	1:39:A:VAL:HG21	1:43:A:MET:H	4	0.25	0.16	0.18
(17,2125)	1:39:A:VAL:HG22	1:43:A:MET:H	4	0.25	0.16	0.18
(17,2125)	1:39:A:VAL:HG23	1:43:A:MET:H	4	0.25	0.16	0.18
(34,1474)	1:13:A:ALA:HB1	1:61:A:SER:HA	4	0.25	0.04	0.24
(34,1474)	1:13:A:ALA:HB2	1:61:A:SER:HA	4	0.25	0.04	0.24
(34,1474)	1:13:A:ALA:HB3	1:61:A:SER:HA	4	0.25	0.04	0.24
(2,1955)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	4	0.25	0.05	0.26
(2,1955)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	4	0.25	0.05	0.26
(2,1955)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	4	0.25	0.05	0.26
(2,1955)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	4	0.25	0.05	0.26
(2,1955)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	4	0.25	0.05	0.26
(2,1955)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	4	0.25	0.05	0.26
(15,2439)	1:137:A:SER:HB2	1:140:A:LEU:HB2	4	0.25	0.12	0.21
(15,2439)	1:137:A:SER:HB3	1:140:A:LEU:HB2	4	0.25	0.12	0.21
(30,1928)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	4	0.25	0.05	0.26
(30,1928)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	4	0.25	0.05	0.26
(30,1928)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	4	0.25	0.05	0.26
(30,1928)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	4	0.25	0.05	0.26
(30,1928)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	4	0.25	0.05	0.26
(30,1928)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	4	0.25	0.05	0.26
(32,2443)	1:137:A:SER:HB2	1:140:A:LEU:HB2	4	0.25	0.12	0.21
(32,2443)	1:137:A:SER:HB3	1:140:A:LEU:HB2	4	0.25	0.12	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,2264)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	4	0.24	0.13	0.2
(4,2264)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	4	0.24	0.13	0.2
(4,2264)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	4	0.24	0.13	0.2
(4,2264)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	4	0.24	0.13	0.2
(2,1689)	1:110:A:MET:HB3	1:111:A:GLU:HB2	4	0.24	0.09	0.24
(2,1689)	1:110:A:MET:HB3	1:111:A:GLU:HB3	4	0.24	0.09	0.24
(3,1701)	1:110:A:MET:HB3	1:111:A:GLU:HB2	4	0.24	0.09	0.24
(3,1701)	1:110:A:MET:HB3	1:111:A:GLU:HB3	4	0.24	0.09	0.24
(32,1628)	1:110:A:MET:HB3	1:111:A:GLU:HB2	4	0.24	0.09	0.24
(32,1628)	1:110:A:MET:HB3	1:111:A:GLU:HB3	4	0.24	0.09	0.24
(33,1662)	1:110:A:MET:HB3	1:111:A:GLU:HB2	4	0.24	0.09	0.24
(33,1662)	1:110:A:MET:HB3	1:111:A:GLU:HB3	4	0.24	0.09	0.24
(1,1972)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	4	0.24	0.08	0.26
(1,1972)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	4	0.24	0.08	0.26
(1,1972)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	4	0.24	0.08	0.26
(1,1972)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	4	0.24	0.08	0.26
(1,1972)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	4	0.24	0.08	0.26
(1,1972)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	4	0.24	0.08	0.26
(1,1972)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	4	0.24	0.08	0.26
(1,1972)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	4	0.24	0.08	0.26
(1,1972)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	4	0.24	0.08	0.26
(1,1972)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	4	0.24	0.08	0.26
(1,1972)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	4	0.24	0.08	0.26
(1,1972)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	4	0.24	0.08	0.26
(13,1952)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	4	0.24	0.08	0.26
(13,1952)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	4	0.24	0.08	0.26
(13,1952)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	4	0.24	0.08	0.26
(13,1952)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	4	0.24	0.08	0.26
(13,1952)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	4	0.24	0.08	0.26
(13,1952)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	4	0.24	0.08	0.26
(13,1952)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	4	0.24	0.08	0.26
(13,1952)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	4	0.24	0.08	0.26
(13,1952)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	4	0.24	0.08	0.26
(13,1952)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	4	0.24	0.08	0.26
(13,1952)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	4	0.24	0.08	0.26
(13,1952)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	4	0.24	0.08	0.26
(34,1214)	1:23:A:LEU:HD21	1:24:A:ASP:H	4	0.24	0.08	0.24
(34,1214)	1:23:A:LEU:HD22	1:24:A:ASP:H	4	0.24	0.08	0.24
(34,1214)	1:23:A:LEU:HD23	1:24:A:ASP:H	4	0.24	0.08	0.24
(17,2144)	1:40:A:LEU:HD11	1:41:A:LYS:H	4	0.24	0.07	0.22
(17,2144)	1:40:A:LEU:HD12	1:41:A:LYS:H	4	0.24	0.07	0.22
(17,2144)	1:40:A:LEU:HD13	1:41:A:LYS:H	4	0.24	0.07	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,2144)	1:40:A:LEU:HD21	1:41:A:LYS:H	4	0.24	0.07	0.22
(17,2144)	1:40:A:LEU:HD22	1:41:A:LYS:H	4	0.24	0.07	0.22
(17,2144)	1:40:A:LEU:HD23	1:41:A:LYS:H	4	0.24	0.07	0.22
(30,2141)	1:40:A:LEU:HD11	1:41:A:LYS:H	4	0.24	0.07	0.22
(30,2141)	1:40:A:LEU:HD12	1:41:A:LYS:H	4	0.24	0.07	0.22
(30,2141)	1:40:A:LEU:HD13	1:41:A:LYS:H	4	0.24	0.07	0.22
(30,2141)	1:40:A:LEU:HD21	1:41:A:LYS:H	4	0.24	0.07	0.22
(30,2141)	1:40:A:LEU:HD22	1:41:A:LYS:H	4	0.24	0.07	0.22
(30,2141)	1:40:A:LEU:HD23	1:41:A:LYS:H	4	0.24	0.07	0.22
(33,2132)	1:40:A:LEU:HD11	1:41:A:LYS:H	4	0.24	0.07	0.22
(33,2132)	1:40:A:LEU:HD12	1:41:A:LYS:H	4	0.24	0.07	0.22
(33,2132)	1:40:A:LEU:HD13	1:41:A:LYS:H	4	0.24	0.07	0.22
(33,2132)	1:40:A:LEU:HD21	1:41:A:LYS:H	4	0.24	0.07	0.22
(33,2132)	1:40:A:LEU:HD22	1:41:A:LYS:H	4	0.24	0.07	0.22
(33,2132)	1:40:A:LEU:HD23	1:41:A:LYS:H	4	0.24	0.07	0.22
(3,1376)	1:73:A:ILE:HB	1:76:A:ARG:HA	4	0.24	0.13	0.2
(7,1954)	1:15:A:ALA:HB1	1:16:A:SER:HB2	4	0.24	0.05	0.24
(7,1954)	1:15:A:ALA:HB1	1:16:A:SER:HB3	4	0.24	0.05	0.24
(7,1954)	1:15:A:ALA:HB2	1:16:A:SER:HB2	4	0.24	0.05	0.24
(7,1954)	1:15:A:ALA:HB2	1:16:A:SER:HB3	4	0.24	0.05	0.24
(7,1954)	1:15:A:ALA:HB3	1:16:A:SER:HB2	4	0.24	0.05	0.24
(7,1954)	1:15:A:ALA:HB3	1:16:A:SER:HB3	4	0.24	0.05	0.24
(18,2002)	1:15:A:ALA:HB1	1:16:A:SER:HB2	4	0.24	0.05	0.24
(18,2002)	1:15:A:ALA:HB1	1:16:A:SER:HB3	4	0.24	0.05	0.24
(18,2002)	1:15:A:ALA:HB2	1:16:A:SER:HB2	4	0.24	0.05	0.24
(18,2002)	1:15:A:ALA:HB2	1:16:A:SER:HB3	4	0.24	0.05	0.24
(18,2002)	1:15:A:ALA:HB3	1:16:A:SER:HB2	4	0.24	0.05	0.24
(18,2002)	1:15:A:ALA:HB3	1:16:A:SER:HB3	4	0.24	0.05	0.24
(34,2008)	1:15:A:ALA:HB1	1:16:A:SER:HB2	4	0.24	0.05	0.24
(34,2008)	1:15:A:ALA:HB1	1:16:A:SER:HB3	4	0.24	0.05	0.24
(34,2008)	1:15:A:ALA:HB2	1:16:A:SER:HB2	4	0.24	0.05	0.24
(34,2008)	1:15:A:ALA:HB2	1:16:A:SER:HB3	4	0.24	0.05	0.24
(34,2008)	1:15:A:ALA:HB3	1:16:A:SER:HB2	4	0.24	0.05	0.24
(34,2008)	1:15:A:ALA:HB3	1:16:A:SER:HB3	4	0.24	0.05	0.24
(2,1786)	1:97:A:ASP:HA	1:105:A:LYS:HA	4	0.24	0.08	0.27
(4,1747)	1:97:A:ASP:HA	1:105:A:LYS:HA	4	0.24	0.08	0.27
(5,1792)	1:97:A:ASP:HA	1:105:A:LYS:HA	4	0.24	0.08	0.27
(9,1759)	1:97:A:ASP:HA	1:105:A:LYS:HA	4	0.24	0.08	0.27
(16,1760)	1:97:A:ASP:HA	1:105:A:LYS:HA	4	0.24	0.08	0.27
(18,1717)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	4	0.24	0.07	0.26
(18,1717)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	4	0.24	0.07	0.26
(18,1717)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	4	0.24	0.07	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1428)	1:50:A:ALA:HB1	1:130:A:GLY:H	4	0.23	0.09	0.23
(4,1428)	1:50:A:ALA:HB2	1:130:A:GLY:H	4	0.23	0.09	0.23
(4,1428)	1:50:A:ALA:HB3	1:130:A:GLY:H	4	0.23	0.09	0.23
(5,1464)	1:50:A:ALA:HB1	1:130:A:GLY:H	4	0.23	0.09	0.23
(5,1464)	1:50:A:ALA:HB2	1:130:A:GLY:H	4	0.23	0.09	0.23
(5,1464)	1:50:A:ALA:HB3	1:130:A:GLY:H	4	0.23	0.09	0.23
(11,1465)	1:50:A:ALA:HB1	1:130:A:GLY:H	4	0.23	0.09	0.23
(11,1465)	1:50:A:ALA:HB2	1:130:A:GLY:H	4	0.23	0.09	0.23
(11,1465)	1:50:A:ALA:HB3	1:130:A:GLY:H	4	0.23	0.09	0.23
(13,1416)	1:50:A:ALA:HB1	1:130:A:GLY:H	4	0.23	0.09	0.23
(13,1416)	1:50:A:ALA:HB2	1:130:A:GLY:H	4	0.23	0.09	0.23
(13,1416)	1:50:A:ALA:HB3	1:130:A:GLY:H	4	0.23	0.09	0.23
(32,1411)	1:50:A:ALA:HB1	1:130:A:GLY:H	4	0.23	0.09	0.23
(32,1411)	1:50:A:ALA:HB2	1:130:A:GLY:H	4	0.23	0.09	0.23
(32,1411)	1:50:A:ALA:HB3	1:130:A:GLY:H	4	0.23	0.09	0.23
(34,1459)	1:50:A:ALA:HB1	1:130:A:GLY:H	4	0.23	0.09	0.23
(34,1459)	1:50:A:ALA:HB2	1:130:A:GLY:H	4	0.23	0.09	0.23
(34,1459)	1:50:A:ALA:HB3	1:130:A:GLY:H	4	0.23	0.09	0.23
(1,1769)	1:36:A:PRO:HG2	1:37:A:LEU:HG	4	0.23	0.09	0.23
(2,1517)	1:69:A:MET:HE1	1:114:A:ILE:H	4	0.23	0.07	0.24
(2,1517)	1:69:A:MET:HE2	1:114:A:ILE:H	4	0.23	0.07	0.24
(2,1517)	1:69:A:MET:HE3	1:114:A:ILE:H	4	0.23	0.07	0.24
(2,1772)	1:36:A:PRO:HG2	1:37:A:LEU:HG	4	0.23	0.09	0.23
(3,1540)	1:69:A:MET:HE1	1:114:A:ILE:H	4	0.23	0.07	0.24
(3,1540)	1:69:A:MET:HE2	1:114:A:ILE:H	4	0.23	0.07	0.24
(3,1540)	1:69:A:MET:HE3	1:114:A:ILE:H	4	0.23	0.07	0.24
(3,1786)	1:36:A:PRO:HG2	1:37:A:LEU:HG	4	0.23	0.09	0.23
(4,1735)	1:36:A:PRO:HG2	1:37:A:LEU:HG	4	0.23	0.09	0.23
(5,1779)	1:36:A:PRO:HG2	1:37:A:LEU:HG	4	0.23	0.09	0.23
(6,1759)	1:36:A:PRO:HG2	1:37:A:LEU:HG	4	0.23	0.09	0.23
(9,1512)	1:69:A:MET:HE1	1:114:A:ILE:H	4	0.23	0.07	0.24
(9,1512)	1:69:A:MET:HE2	1:114:A:ILE:H	4	0.23	0.07	0.24
(9,1512)	1:69:A:MET:HE3	1:114:A:ILE:H	4	0.23	0.07	0.24
(11,1788)	1:36:A:PRO:HG2	1:37:A:LEU:HG	4	0.23	0.09	0.23
(13,1720)	1:36:A:PRO:HG2	1:37:A:LEU:HG	4	0.23	0.09	0.23
(15,1743)	1:36:A:PRO:HG2	1:37:A:LEU:HG	4	0.23	0.09	0.23
(16,1984)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	4	0.23	0.08	0.25
(16,1984)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	4	0.23	0.08	0.25
(16,1984)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	4	0.23	0.08	0.25
(16,1984)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	4	0.23	0.08	0.25
(16,1984)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	4	0.23	0.08	0.25
(16,1984)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	4	0.23	0.08	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1984)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	4	0.23	0.08	0.25
(16,1984)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	4	0.23	0.08	0.25
(16,1984)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	4	0.23	0.08	0.25
(16,1984)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	4	0.23	0.08	0.25
(16,1984)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	4	0.23	0.08	0.25
(16,1984)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	4	0.23	0.08	0.25
(17,1770)	1:36:A:PRO:HG2	1:37:A:LEU:HG	4	0.23	0.09	0.23
(18,1506)	1:69:A:MET:HE1	1:114:A:ILE:H	4	0.23	0.07	0.24
(18,1506)	1:69:A:MET:HE2	1:114:A:ILE:H	4	0.23	0.07	0.24
(18,1506)	1:69:A:MET:HE3	1:114:A:ILE:H	4	0.23	0.07	0.24
(18,1737)	1:36:A:PRO:HG2	1:37:A:LEU:HG	4	0.23	0.09	0.23
(29,1775)	1:36:A:PRO:HG2	1:37:A:LEU:HG	4	0.23	0.09	0.23
(32,1714)	1:36:A:PRO:HG2	1:37:A:LEU:HG	4	0.23	0.09	0.23
(33,1749)	1:36:A:PRO:HG2	1:37:A:LEU:HG	4	0.23	0.09	0.23
(34,1531)	1:69:A:MET:HE1	1:114:A:ILE:H	4	0.23	0.07	0.24
(34,1531)	1:69:A:MET:HE2	1:114:A:ILE:H	4	0.23	0.07	0.24
(34,1531)	1:69:A:MET:HE3	1:114:A:ILE:H	4	0.23	0.07	0.24
(3,2076)	1:29:A:LYS:HB2	1:30:A:LEU:HD11	4	0.23	0.14	0.18
(3,2076)	1:29:A:LYS:HB2	1:30:A:LEU:HD12	4	0.23	0.14	0.18
(3,2076)	1:29:A:LYS:HB2	1:30:A:LEU:HD13	4	0.23	0.14	0.18
(3,2076)	1:29:A:LYS:HB2	1:30:A:LEU:HD21	4	0.23	0.14	0.18
(3,2076)	1:29:A:LYS:HB2	1:30:A:LEU:HD22	4	0.23	0.14	0.18
(3,2076)	1:29:A:LYS:HB2	1:30:A:LEU:HD23	4	0.23	0.14	0.18
(3,2076)	1:29:A:LYS:HB3	1:30:A:LEU:HD11	4	0.23	0.14	0.18
(3,2076)	1:29:A:LYS:HB3	1:30:A:LEU:HD12	4	0.23	0.14	0.18
(3,2076)	1:29:A:LYS:HB3	1:30:A:LEU:HD13	4	0.23	0.14	0.18
(3,2076)	1:29:A:LYS:HB3	1:30:A:LEU:HD21	4	0.23	0.14	0.18
(3,2076)	1:29:A:LYS:HB3	1:30:A:LEU:HD22	4	0.23	0.14	0.18
(3,2076)	1:29:A:LYS:HB3	1:30:A:LEU:HD23	4	0.23	0.14	0.18
(5,315)	1:46:A:ASN:H	1:48:A:ARG:HB2	4	0.22	0.16	0.13
(5,315)	1:46:A:ASN:H	1:48:A:ARG:HB3	4	0.22	0.16	0.13
(9,333)	1:46:A:ASN:H	1:48:A:ARG:HB2	4	0.22	0.16	0.13
(9,333)	1:46:A:ASN:H	1:48:A:ARG:HB3	4	0.22	0.16	0.13
(16,2282)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	4	0.22	0.12	0.18
(16,2282)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	4	0.22	0.12	0.18
(16,2282)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	4	0.22	0.12	0.18
(16,2282)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	4	0.22	0.12	0.18
(16,2282)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	4	0.22	0.12	0.18
(16,2282)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	4	0.22	0.12	0.18
(16,2282)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	4	0.22	0.12	0.18
(16,2282)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	4	0.22	0.12	0.18
(16,2282)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	4	0.22	0.12	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,2282)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	4	0.22	0.12	0.18
(16,2282)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	4	0.22	0.12	0.18
(16,2282)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	4	0.22	0.12	0.18
(16,2282)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	4	0.22	0.12	0.18
(16,2282)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	4	0.22	0.12	0.18
(16,2282)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	4	0.22	0.12	0.18
(16,2282)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	4	0.22	0.12	0.18
(16,2282)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	4	0.22	0.12	0.18
(16,2282)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	4	0.22	0.12	0.18
(30,246)	1:23:A:LEU:HD11	1:24:A:ASP:H	4	0.22	0.08	0.24
(30,246)	1:23:A:LEU:HD12	1:24:A:ASP:H	4	0.22	0.08	0.24
(30,246)	1:23:A:LEU:HD13	1:24:A:ASP:H	4	0.22	0.08	0.24
(1,774)	1:53:A:THR:H	1:53:A:THR:HG21	4	0.22	0.04	0.23
(1,774)	1:53:A:THR:H	1:53:A:THR:HG22	4	0.22	0.04	0.23
(1,774)	1:53:A:THR:H	1:53:A:THR:HG23	4	0.22	0.04	0.23
(2,756)	1:53:A:THR:H	1:53:A:THR:HG21	4	0.22	0.04	0.23
(2,756)	1:53:A:THR:H	1:53:A:THR:HG22	4	0.22	0.04	0.23
(2,756)	1:53:A:THR:H	1:53:A:THR:HG23	4	0.22	0.04	0.23
(4,2073)	1:35:A:LEU:HD11	1:39:A:VAL:HB	4	0.22	0.11	0.2
(4,2073)	1:35:A:LEU:HD12	1:39:A:VAL:HB	4	0.22	0.11	0.2
(4,2073)	1:35:A:LEU:HD13	1:39:A:VAL:HB	4	0.22	0.11	0.2
(4,2073)	1:35:A:LEU:HD21	1:39:A:VAL:HB	4	0.22	0.11	0.2
(4,2073)	1:35:A:LEU:HD22	1:39:A:VAL:HB	4	0.22	0.11	0.2
(4,2073)	1:35:A:LEU:HD23	1:39:A:VAL:HB	4	0.22	0.11	0.2
(9,758)	1:53:A:THR:H	1:53:A:THR:HG21	4	0.22	0.04	0.23
(9,758)	1:53:A:THR:H	1:53:A:THR:HG22	4	0.22	0.04	0.23
(9,758)	1:53:A:THR:H	1:53:A:THR:HG23	4	0.22	0.04	0.23
(13,748)	1:53:A:THR:H	1:53:A:THR:HG21	4	0.22	0.04	0.23
(13,748)	1:53:A:THR:H	1:53:A:THR:HG22	4	0.22	0.04	0.23
(13,748)	1:53:A:THR:H	1:53:A:THR:HG23	4	0.22	0.04	0.23
(16,769)	1:53:A:THR:H	1:53:A:THR:HG21	4	0.22	0.04	0.23
(16,769)	1:53:A:THR:H	1:53:A:THR:HG22	4	0.22	0.04	0.23
(16,769)	1:53:A:THR:H	1:53:A:THR:HG23	4	0.22	0.04	0.23
(30,756)	1:53:A:THR:H	1:53:A:THR:HG21	4	0.22	0.04	0.23
(30,756)	1:53:A:THR:H	1:53:A:THR:HG22	4	0.22	0.04	0.23
(30,756)	1:53:A:THR:H	1:53:A:THR:HG23	4	0.22	0.04	0.23
(33,758)	1:53:A:THR:H	1:53:A:THR:HG21	4	0.22	0.04	0.23
(33,758)	1:53:A:THR:H	1:53:A:THR:HG22	4	0.22	0.04	0.23
(33,758)	1:53:A:THR:H	1:53:A:THR:HG23	4	0.22	0.04	0.23
(4,1777)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	4	0.22	0.03	0.22
(4,1777)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	4	0.22	0.03	0.22
(9,1792)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	4	0.22	0.03	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,1792)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	4	0.22	0.03	0.22
(17,1813)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	4	0.22	0.03	0.22
(17,1813)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	4	0.22	0.03	0.22
(33,1796)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	4	0.22	0.03	0.22
(33,1796)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	4	0.22	0.03	0.22
(3,809)	1:63:A:ILE:HD11	1:117:A:VAL:HB	4	0.22	0.04	0.24
(3,809)	1:63:A:ILE:HD12	1:117:A:VAL:HB	4	0.22	0.04	0.24
(3,809)	1:63:A:ILE:HD13	1:117:A:VAL:HB	4	0.22	0.04	0.24
(4,1138)	1:37:A:LEU:HA	1:37:A:LEU:HD21	4	0.22	0.05	0.22
(4,1138)	1:37:A:LEU:HA	1:37:A:LEU:HD22	4	0.22	0.05	0.22
(4,1138)	1:37:A:LEU:HA	1:37:A:LEU:HD23	4	0.22	0.05	0.22
(4,1738)	1:145:A:PRO:HB2	1:146:A:GLN:HA	4	0.22	0.04	0.21
(4,1980)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	4	0.22	0.08	0.24
(4,1980)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	4	0.22	0.08	0.24
(4,1980)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	4	0.22	0.08	0.24
(4,1980)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	4	0.22	0.08	0.24
(4,1980)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	4	0.22	0.08	0.24
(4,1980)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	4	0.22	0.08	0.24
(4,1980)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	4	0.22	0.08	0.24
(4,1980)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	4	0.22	0.08	0.24
(4,1980)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	4	0.22	0.08	0.24
(4,1980)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	4	0.22	0.08	0.24
(4,1980)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	4	0.22	0.08	0.24
(4,1980)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	4	0.22	0.08	0.24
(5,1167)	1:37:A:LEU:HA	1:37:A:LEU:HD21	4	0.22	0.05	0.22
(5,1167)	1:37:A:LEU:HA	1:37:A:LEU:HD22	4	0.22	0.05	0.22
(5,1167)	1:37:A:LEU:HA	1:37:A:LEU:HD23	4	0.22	0.05	0.22
(6,1145)	1:37:A:LEU:HA	1:37:A:LEU:HD21	4	0.22	0.05	0.22
(6,1145)	1:37:A:LEU:HA	1:37:A:LEU:HD22	4	0.22	0.05	0.22
(6,1145)	1:37:A:LEU:HA	1:37:A:LEU:HD23	4	0.22	0.05	0.22
(7,783)	1:63:A:ILE:HD11	1:117:A:VAL:HB	4	0.22	0.04	0.24
(7,783)	1:63:A:ILE:HD12	1:117:A:VAL:HB	4	0.22	0.04	0.24
(7,783)	1:63:A:ILE:HD13	1:117:A:VAL:HB	4	0.22	0.04	0.24
(17,803)	1:63:A:ILE:HD11	1:117:A:VAL:HB	4	0.22	0.04	0.24
(17,803)	1:63:A:ILE:HD12	1:117:A:VAL:HB	4	0.22	0.04	0.24
(17,803)	1:63:A:ILE:HD13	1:117:A:VAL:HB	4	0.22	0.04	0.24
(29,2137)	1:40:A:LEU:HD11	1:41:A:LYS:H	4	0.22	0.07	0.2
(29,2137)	1:40:A:LEU:HD12	1:41:A:LYS:H	4	0.22	0.07	0.2
(29,2137)	1:40:A:LEU:HD13	1:41:A:LYS:H	4	0.22	0.07	0.2
(29,2137)	1:40:A:LEU:HD21	1:41:A:LYS:H	4	0.22	0.07	0.2
(29,2137)	1:40:A:LEU:HD22	1:41:A:LYS:H	4	0.22	0.07	0.2
(29,2137)	1:40:A:LEU:HD23	1:41:A:LYS:H	4	0.22	0.07	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,1380)	1:24:A:ASP:HB2	1:25:A:ALA:HA	4	0.22	0.01	0.22
(3,1380)	1:24:A:ASP:HB3	1:25:A:ALA:HA	4	0.22	0.01	0.22
(5,1371)	1:24:A:ASP:HB2	1:25:A:ALA:HA	4	0.22	0.01	0.22
(5,1371)	1:24:A:ASP:HB3	1:25:A:ALA:HA	4	0.22	0.01	0.22
(5,1996)	1:16:A:SER:H	1:17:A:ASN:HD21	4	0.22	0.02	0.22
(5,1996)	1:16:A:SER:H	1:17:A:ASN:HD22	4	0.22	0.02	0.22
(7,1335)	1:24:A:ASP:HB2	1:25:A:ALA:HA	4	0.22	0.01	0.22
(7,1335)	1:24:A:ASP:HB3	1:25:A:ALA:HA	4	0.22	0.01	0.22
(29,1442)	1:101:A:ILE:HB	1:115:A:ALA:HB1	4	0.22	0.13	0.16
(29,1442)	1:101:A:ILE:HB	1:115:A:ALA:HB2	4	0.22	0.13	0.16
(29,1442)	1:101:A:ILE:HB	1:115:A:ALA:HB3	4	0.22	0.13	0.16
(2,203)	1:101:A:ILE:H	1:101:A:ILE:HB	4	0.21	0.1	0.16
(3,204)	1:101:A:ILE:H	1:101:A:ILE:HB	4	0.21	0.1	0.16
(4,202)	1:101:A:ILE:H	1:101:A:ILE:HB	4	0.21	0.1	0.16
(5,200)	1:101:A:ILE:H	1:101:A:ILE:HB	4	0.21	0.1	0.16
(6,203)	1:101:A:ILE:H	1:101:A:ILE:HB	4	0.21	0.1	0.16
(7,206)	1:101:A:ILE:H	1:101:A:ILE:HB	4	0.21	0.1	0.16
(9,207)	1:101:A:ILE:H	1:101:A:ILE:HB	4	0.21	0.1	0.16
(11,203)	1:101:A:ILE:H	1:101:A:ILE:HB	4	0.21	0.1	0.16
(13,203)	1:101:A:ILE:H	1:101:A:ILE:HB	4	0.21	0.1	0.16
(16,210)	1:101:A:ILE:H	1:101:A:ILE:HB	4	0.21	0.1	0.16
(17,203)	1:101:A:ILE:H	1:101:A:ILE:HB	4	0.21	0.1	0.16
(30,204)	1:101:A:ILE:H	1:101:A:ILE:HB	4	0.21	0.1	0.16
(34,209)	1:101:A:ILE:H	1:101:A:ILE:HB	4	0.21	0.1	0.16
(1,277)	1:112:A:GLN:H	1:112:A:GLN:HE21	4	0.21	0.08	0.18
(2,2140)	1:40:A:LEU:HD11	1:41:A:LYS:H	4	0.21	0.07	0.2
(2,2140)	1:40:A:LEU:HD12	1:41:A:LYS:H	4	0.21	0.07	0.2
(2,2140)	1:40:A:LEU:HD13	1:41:A:LYS:H	4	0.21	0.07	0.2
(2,2140)	1:40:A:LEU:HD21	1:41:A:LYS:H	4	0.21	0.07	0.2
(2,2140)	1:40:A:LEU:HD22	1:41:A:LYS:H	4	0.21	0.07	0.2
(2,2140)	1:40:A:LEU:HD23	1:41:A:LYS:H	4	0.21	0.07	0.2
(4,270)	1:112:A:GLN:H	1:112:A:GLN:HE21	4	0.21	0.08	0.18
(7,274)	1:112:A:GLN:H	1:112:A:GLN:HE21	4	0.21	0.08	0.18
(7,2145)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	4	0.21	0.06	0.22
(7,2145)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	4	0.21	0.06	0.22
(7,2145)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	4	0.21	0.06	0.22
(7,2145)	1:47:A:ALA:HB1	1:57:A:LEU:HD21	4	0.21	0.06	0.22
(7,2145)	1:47:A:ALA:HB1	1:57:A:LEU:HD22	4	0.21	0.06	0.22
(7,2145)	1:47:A:ALA:HB1	1:57:A:LEU:HD23	4	0.21	0.06	0.22
(7,2145)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	4	0.21	0.06	0.22
(7,2145)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	4	0.21	0.06	0.22
(7,2145)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	4	0.21	0.06	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,2145)	1:47:A:ALA:HB2	1:57:A:LEU:HD21	4	0.21	0.06	0.22
(7,2145)	1:47:A:ALA:HB2	1:57:A:LEU:HD22	4	0.21	0.06	0.22
(7,2145)	1:47:A:ALA:HB2	1:57:A:LEU:HD23	4	0.21	0.06	0.22
(7,2145)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	4	0.21	0.06	0.22
(7,2145)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	4	0.21	0.06	0.22
(7,2145)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	4	0.21	0.06	0.22
(7,2145)	1:47:A:ALA:HB3	1:57:A:LEU:HD21	4	0.21	0.06	0.22
(7,2145)	1:47:A:ALA:HB3	1:57:A:LEU:HD22	4	0.21	0.06	0.22
(7,2145)	1:47:A:ALA:HB3	1:57:A:LEU:HD23	4	0.21	0.06	0.22
(9,279)	1:112:A:GLN:H	1:112:A:GLN:HE21	4	0.21	0.08	0.18
(18,279)	1:112:A:GLN:H	1:112:A:GLN:HE21	4	0.21	0.08	0.18
(29,272)	1:112:A:GLN:H	1:112:A:GLN:HE21	4	0.21	0.08	0.18
(29,2166)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	4	0.21	0.06	0.22
(29,2166)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	4	0.21	0.06	0.22
(29,2166)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	4	0.21	0.06	0.22
(29,2166)	1:47:A:ALA:HB1	1:57:A:LEU:HD21	4	0.21	0.06	0.22
(29,2166)	1:47:A:ALA:HB1	1:57:A:LEU:HD22	4	0.21	0.06	0.22
(29,2166)	1:47:A:ALA:HB1	1:57:A:LEU:HD23	4	0.21	0.06	0.22
(29,2166)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	4	0.21	0.06	0.22
(29,2166)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	4	0.21	0.06	0.22
(29,2166)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	4	0.21	0.06	0.22
(29,2166)	1:47:A:ALA:HB2	1:57:A:LEU:HD21	4	0.21	0.06	0.22
(29,2166)	1:47:A:ALA:HB2	1:57:A:LEU:HD22	4	0.21	0.06	0.22
(29,2166)	1:47:A:ALA:HB2	1:57:A:LEU:HD23	4	0.21	0.06	0.22
(29,2166)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	4	0.21	0.06	0.22
(29,2166)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	4	0.21	0.06	0.22
(29,2166)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	4	0.21	0.06	0.22
(29,2166)	1:47:A:ALA:HB3	1:57:A:LEU:HD21	4	0.21	0.06	0.22
(29,2166)	1:47:A:ALA:HB3	1:57:A:LEU:HD22	4	0.21	0.06	0.22
(29,2166)	1:47:A:ALA:HB3	1:57:A:LEU:HD23	4	0.21	0.06	0.22
(30,273)	1:112:A:GLN:H	1:112:A:GLN:HE21	4	0.21	0.08	0.18
(30,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	4	0.21	0.06	0.22
(30,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	4	0.21	0.06	0.22
(30,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	4	0.21	0.06	0.22
(30,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD21	4	0.21	0.06	0.22
(30,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD22	4	0.21	0.06	0.22
(30,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD23	4	0.21	0.06	0.22
(30,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	4	0.21	0.06	0.22
(30,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	4	0.21	0.06	0.22
(30,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	4	0.21	0.06	0.22
(30,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD21	4	0.21	0.06	0.22
(30,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD22	4	0.21	0.06	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD23	4	0.21	0.06	0.22
(30,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	4	0.21	0.06	0.22
(30,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	4	0.21	0.06	0.22
(30,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	4	0.21	0.06	0.22
(30,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD21	4	0.21	0.06	0.22
(30,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD22	4	0.21	0.06	0.22
(30,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD23	4	0.21	0.06	0.22
(33,269)	1:112:A:GLN:H	1:112:A:GLN:HE21	4	0.21	0.08	0.18
(5,249)	1:27:A:ARG:HA	1:29:A:LYS:H	4	0.21	0.03	0.2
(9,262)	1:27:A:ARG:HA	1:29:A:LYS:H	4	0.21	0.03	0.2
(13,255)	1:27:A:ARG:HA	1:29:A:LYS:H	4	0.21	0.03	0.2
(17,254)	1:27:A:ARG:HA	1:29:A:LYS:H	4	0.21	0.03	0.2
(30,259)	1:27:A:ARG:HA	1:29:A:LYS:H	4	0.21	0.03	0.2
(1,1395)	1:19:A:ALA:HB1	1:20:A:THR:HG21	4	0.2	0.08	0.2
(1,1395)	1:19:A:ALA:HB1	1:20:A:THR:HG22	4	0.2	0.08	0.2
(1,1395)	1:19:A:ALA:HB1	1:20:A:THR:HG23	4	0.2	0.08	0.2
(1,1395)	1:19:A:ALA:HB2	1:20:A:THR:HG21	4	0.2	0.08	0.2
(1,1395)	1:19:A:ALA:HB2	1:20:A:THR:HG22	4	0.2	0.08	0.2
(1,1395)	1:19:A:ALA:HB2	1:20:A:THR:HG23	4	0.2	0.08	0.2
(1,1395)	1:19:A:ALA:HB3	1:20:A:THR:HG21	4	0.2	0.08	0.2
(1,1395)	1:19:A:ALA:HB3	1:20:A:THR:HG22	4	0.2	0.08	0.2
(1,1395)	1:19:A:ALA:HB3	1:20:A:THR:HG23	4	0.2	0.08	0.2
(3,2119)	1:38:A:GLU:H	1:139:A:LEU:HD11	4	0.2	0.04	0.22
(3,2119)	1:38:A:GLU:H	1:139:A:LEU:HD12	4	0.2	0.04	0.22
(3,2119)	1:38:A:GLU:H	1:139:A:LEU:HD13	4	0.2	0.04	0.22
(3,2119)	1:38:A:GLU:H	1:139:A:LEU:HD21	4	0.2	0.04	0.22
(3,2119)	1:38:A:GLU:H	1:139:A:LEU:HD22	4	0.2	0.04	0.22
(3,2119)	1:38:A:GLU:H	1:139:A:LEU:HD23	4	0.2	0.04	0.22
(29,2241)	1:69:A:MET:HG2	1:109:A:PRO:HA	4	0.2	0.07	0.2
(29,2241)	1:69:A:MET:HG3	1:109:A:PRO:HA	4	0.2	0.07	0.2
(32,1918)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	4	0.2	0.06	0.22
(32,1918)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	4	0.2	0.06	0.22
(32,1918)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	4	0.2	0.06	0.22
(32,1918)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	4	0.2	0.06	0.22
(32,1918)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	4	0.2	0.06	0.22
(32,1918)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	4	0.2	0.06	0.22
(32,1918)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	4	0.2	0.06	0.22
(32,1918)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	4	0.2	0.06	0.22
(32,1918)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	4	0.2	0.06	0.22
(32,1918)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	4	0.2	0.06	0.22
(32,1918)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	4	0.2	0.06	0.22
(32,1918)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	4	0.2	0.06	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,1918)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	4	0.2	0.06	0.22
(32,1918)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	4	0.2	0.06	0.22
(32,1918)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	4	0.2	0.06	0.22
(32,1918)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	4	0.2	0.06	0.22
(32,1918)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	4	0.2	0.06	0.22
(32,1918)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	4	0.2	0.06	0.22
(2,519)	1:67:A:PRO:HA	1:71:A:LYS:H	4	0.2	0.08	0.2
(3,522)	1:67:A:PRO:HA	1:71:A:LYS:H	4	0.2	0.08	0.2
(3,564)	1:116:A:GLN:H	1:116:A:GLN:HE22	4	0.2	0.13	0.14
(3,1340)	1:66:A:THR:HG21	1:98:A:ILE:HD11	4	0.2	0.06	0.19
(3,1340)	1:66:A:THR:HG21	1:98:A:ILE:HD12	4	0.2	0.06	0.19
(3,1340)	1:66:A:THR:HG21	1:98:A:ILE:HD13	4	0.2	0.06	0.19
(3,1340)	1:66:A:THR:HG22	1:98:A:ILE:HD11	4	0.2	0.06	0.19
(3,1340)	1:66:A:THR:HG22	1:98:A:ILE:HD12	4	0.2	0.06	0.19
(3,1340)	1:66:A:THR:HG22	1:98:A:ILE:HD13	4	0.2	0.06	0.19
(3,1340)	1:66:A:THR:HG23	1:98:A:ILE:HD11	4	0.2	0.06	0.19
(3,1340)	1:66:A:THR:HG23	1:98:A:ILE:HD12	4	0.2	0.06	0.19
(3,1340)	1:66:A:THR:HG23	1:98:A:ILE:HD13	4	0.2	0.06	0.19
(4,1295)	1:66:A:THR:HG21	1:98:A:ILE:HD11	4	0.2	0.06	0.19
(4,1295)	1:66:A:THR:HG21	1:98:A:ILE:HD12	4	0.2	0.06	0.19
(4,1295)	1:66:A:THR:HG21	1:98:A:ILE:HD13	4	0.2	0.06	0.19
(4,1295)	1:66:A:THR:HG22	1:98:A:ILE:HD11	4	0.2	0.06	0.19
(4,1295)	1:66:A:THR:HG22	1:98:A:ILE:HD12	4	0.2	0.06	0.19
(4,1295)	1:66:A:THR:HG22	1:98:A:ILE:HD13	4	0.2	0.06	0.19
(4,1295)	1:66:A:THR:HG23	1:98:A:ILE:HD11	4	0.2	0.06	0.19
(4,1295)	1:66:A:THR:HG23	1:98:A:ILE:HD12	4	0.2	0.06	0.19
(4,1295)	1:66:A:THR:HG23	1:98:A:ILE:HD13	4	0.2	0.06	0.19
(5,511)	1:67:A:PRO:HA	1:71:A:LYS:H	4	0.2	0.08	0.2
(15,1313)	1:66:A:THR:HG21	1:98:A:ILE:HD11	4	0.2	0.06	0.19
(15,1313)	1:66:A:THR:HG21	1:98:A:ILE:HD12	4	0.2	0.06	0.19
(15,1313)	1:66:A:THR:HG21	1:98:A:ILE:HD13	4	0.2	0.06	0.19
(15,1313)	1:66:A:THR:HG22	1:98:A:ILE:HD11	4	0.2	0.06	0.19
(15,1313)	1:66:A:THR:HG22	1:98:A:ILE:HD12	4	0.2	0.06	0.19
(15,1313)	1:66:A:THR:HG22	1:98:A:ILE:HD13	4	0.2	0.06	0.19
(15,1313)	1:66:A:THR:HG23	1:98:A:ILE:HD11	4	0.2	0.06	0.19
(15,1313)	1:66:A:THR:HG23	1:98:A:ILE:HD12	4	0.2	0.06	0.19
(15,1313)	1:66:A:THR:HG23	1:98:A:ILE:HD13	4	0.2	0.06	0.19
(16,524)	1:67:A:PRO:HA	1:71:A:LYS:H	4	0.2	0.08	0.2
(16,1317)	1:66:A:THR:HG21	1:98:A:ILE:HD11	4	0.2	0.06	0.19
(16,1317)	1:66:A:THR:HG21	1:98:A:ILE:HD12	4	0.2	0.06	0.19
(16,1317)	1:66:A:THR:HG21	1:98:A:ILE:HD13	4	0.2	0.06	0.19
(16,1317)	1:66:A:THR:HG22	1:98:A:ILE:HD11	4	0.2	0.06	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1317)	1:66:A:THR:HG22	1:98:A:ILE:HD12	4	0.2	0.06	0.19
(16,1317)	1:66:A:THR:HG22	1:98:A:ILE:HD13	4	0.2	0.06	0.19
(16,1317)	1:66:A:THR:HG23	1:98:A:ILE:HD11	4	0.2	0.06	0.19
(16,1317)	1:66:A:THR:HG23	1:98:A:ILE:HD12	4	0.2	0.06	0.19
(16,1317)	1:66:A:THR:HG23	1:98:A:ILE:HD13	4	0.2	0.06	0.19
(17,514)	1:67:A:PRO:HA	1:71:A:LYS:H	4	0.2	0.08	0.2
(17,555)	1:116:A:GLN:H	1:116:A:GLN:HE22	4	0.2	0.13	0.14
(18,534)	1:67:A:PRO:HA	1:71:A:LYS:H	4	0.2	0.08	0.2
(18,979)	1:110:A:MET:HG2	1:114:A:ILE:HD11	4	0.2	0.06	0.2
(18,979)	1:110:A:MET:HG2	1:114:A:ILE:HD12	4	0.2	0.06	0.2
(18,979)	1:110:A:MET:HG2	1:114:A:ILE:HD13	4	0.2	0.06	0.2
(18,979)	1:110:A:MET:HG3	1:114:A:ILE:HD11	4	0.2	0.06	0.2
(18,979)	1:110:A:MET:HG3	1:114:A:ILE:HD12	4	0.2	0.06	0.2
(18,979)	1:110:A:MET:HG3	1:114:A:ILE:HD13	4	0.2	0.06	0.2
(29,565)	1:116:A:GLN:H	1:116:A:GLN:HE22	4	0.2	0.13	0.14
(30,518)	1:67:A:PRO:HA	1:71:A:LYS:H	4	0.2	0.08	0.2
(33,519)	1:67:A:PRO:HA	1:71:A:LYS:H	4	0.2	0.08	0.2
(1,2304)	1:107:A:LEU:HD11	1:108:A:GLU:H	4	0.2	0.1	0.17
(1,2304)	1:107:A:LEU:HD12	1:108:A:GLU:H	4	0.2	0.1	0.17
(1,2304)	1:107:A:LEU:HD13	1:108:A:GLU:H	4	0.2	0.1	0.17
(1,2304)	1:107:A:LEU:HD21	1:108:A:GLU:H	4	0.2	0.1	0.17
(1,2304)	1:107:A:LEU:HD22	1:108:A:GLU:H	4	0.2	0.1	0.17
(1,2304)	1:107:A:LEU:HD23	1:108:A:GLU:H	4	0.2	0.1	0.17
(4,1149)	1:30:A:LEU:H	1:30:A:LEU:HD21	4	0.2	0.03	0.2
(4,1149)	1:30:A:LEU:H	1:30:A:LEU:HD22	4	0.2	0.03	0.2
(4,1149)	1:30:A:LEU:H	1:30:A:LEU:HD23	4	0.2	0.03	0.2
(15,940)	1:67:A:PRO:HA	1:70:A:LYS:HB2	4	0.2	0.06	0.22
(15,940)	1:67:A:PRO:HA	1:70:A:LYS:HB3	4	0.2	0.06	0.22
(18,2316)	1:107:A:LEU:HD11	1:108:A:GLU:H	4	0.2	0.1	0.17
(18,2316)	1:107:A:LEU:HD12	1:108:A:GLU:H	4	0.2	0.1	0.17
(18,2316)	1:107:A:LEU:HD13	1:108:A:GLU:H	4	0.2	0.1	0.17
(18,2316)	1:107:A:LEU:HD21	1:108:A:GLU:H	4	0.2	0.1	0.17
(18,2316)	1:107:A:LEU:HD22	1:108:A:GLU:H	4	0.2	0.1	0.17
(18,2316)	1:107:A:LEU:HD23	1:108:A:GLU:H	4	0.2	0.1	0.17
(32,1128)	1:30:A:LEU:H	1:30:A:LEU:HD21	4	0.2	0.03	0.2
(32,1128)	1:30:A:LEU:H	1:30:A:LEU:HD22	4	0.2	0.03	0.2
(32,1128)	1:30:A:LEU:H	1:30:A:LEU:HD23	4	0.2	0.03	0.2
(33,1170)	1:30:A:LEU:H	1:30:A:LEU:HD21	4	0.2	0.03	0.2
(33,1170)	1:30:A:LEU:H	1:30:A:LEU:HD22	4	0.2	0.03	0.2
(33,1170)	1:30:A:LEU:H	1:30:A:LEU:HD23	4	0.2	0.03	0.2
(2,2249)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.2	0.12	0.14
(2,2249)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.2	0.12	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2249)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.2	0.12	0.14
(2,2249)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.2	0.12	0.14
(4,2221)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.2	0.12	0.14
(4,2221)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.2	0.12	0.14
(4,2221)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.2	0.12	0.14
(4,2221)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.2	0.12	0.14
(5,2223)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.2	0.12	0.14
(5,2223)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.2	0.12	0.14
(5,2223)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.2	0.12	0.14
(5,2223)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.2	0.12	0.14
(6,2233)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.2	0.12	0.14
(6,2233)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.2	0.12	0.14
(6,2233)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.2	0.12	0.14
(6,2233)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.2	0.12	0.14
(7,1761)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	4	0.2	0.07	0.2
(7,1761)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	4	0.2	0.07	0.2
(7,1761)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	4	0.2	0.07	0.2
(7,1761)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	4	0.2	0.07	0.2
(7,1761)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	4	0.2	0.07	0.2
(7,1761)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	4	0.2	0.07	0.2
(7,2213)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.2	0.12	0.14
(7,2213)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.2	0.12	0.14
(7,2213)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.2	0.12	0.14
(7,2213)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.2	0.12	0.14
(9,2183)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.2	0.12	0.14
(9,2183)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.2	0.12	0.14
(9,2183)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.2	0.12	0.14
(9,2183)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.2	0.12	0.14
(11,2234)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.2	0.12	0.14
(11,2234)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.2	0.12	0.14
(11,2234)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.2	0.12	0.14
(11,2234)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.2	0.12	0.14
(13,2194)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.2	0.12	0.14
(13,2194)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.2	0.12	0.14
(13,2194)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.2	0.12	0.14
(13,2194)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.2	0.12	0.14
(16,2224)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.2	0.12	0.14
(16,2224)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.2	0.12	0.14
(16,2224)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.2	0.12	0.14
(16,2224)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.2	0.12	0.14
(17,2237)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.2	0.12	0.14
(17,2237)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.2	0.12	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,2237)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.2	0.12	0.14
(17,2237)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.2	0.12	0.14
(29,2224)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.2	0.12	0.14
(29,2224)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.2	0.12	0.14
(29,2224)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.2	0.12	0.14
(29,2224)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.2	0.12	0.14
(30,2229)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.2	0.12	0.14
(30,2229)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.2	0.12	0.14
(30,2229)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.2	0.12	0.14
(30,2229)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.2	0.12	0.14
(30,2250)	1:69:A:MET:HG2	1:73:A:ILE:HD11	4	0.2	0.06	0.22
(30,2250)	1:69:A:MET:HG2	1:73:A:ILE:HD12	4	0.2	0.06	0.22
(30,2250)	1:69:A:MET:HG2	1:73:A:ILE:HD13	4	0.2	0.06	0.22
(30,2250)	1:69:A:MET:HG3	1:73:A:ILE:HD11	4	0.2	0.06	0.22
(30,2250)	1:69:A:MET:HG3	1:73:A:ILE:HD12	4	0.2	0.06	0.22
(30,2250)	1:69:A:MET:HG3	1:73:A:ILE:HD13	4	0.2	0.06	0.22
(32,2224)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.2	0.12	0.14
(32,2224)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.2	0.12	0.14
(32,2224)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.2	0.12	0.14
(32,2224)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.2	0.12	0.14
(33,1791)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	4	0.2	0.07	0.2
(33,1791)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	4	0.2	0.07	0.2
(33,1791)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	4	0.2	0.07	0.2
(33,1791)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	4	0.2	0.07	0.2
(33,1791)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	4	0.2	0.07	0.2
(33,1791)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	4	0.2	0.07	0.2
(33,2229)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.2	0.12	0.14
(33,2229)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.2	0.12	0.14
(33,2229)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.2	0.12	0.14
(33,2229)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.2	0.12	0.14
(2,59)	1:117:A:VAL:H	1:118:A:ASP:HB2	4	0.2	0.06	0.18
(2,1434)	1:121:A:VAL:HG21	1:122:A:ASP:H	4	0.2	0.11	0.15
(2,1434)	1:121:A:VAL:HG22	1:122:A:ASP:H	4	0.2	0.11	0.15
(2,1434)	1:121:A:VAL:HG23	1:122:A:ASP:H	4	0.2	0.11	0.15
(3,62)	1:117:A:VAL:H	1:118:A:ASP:HB2	4	0.2	0.06	0.18
(5,56)	1:117:A:VAL:H	1:118:A:ASP:HB2	4	0.2	0.06	0.18
(6,59)	1:117:A:VAL:H	1:118:A:ASP:HB2	4	0.2	0.06	0.18
(7,58)	1:117:A:VAL:H	1:118:A:ASP:HB2	4	0.2	0.06	0.18
(9,60)	1:117:A:VAL:H	1:118:A:ASP:HB2	4	0.2	0.06	0.18
(13,56)	1:117:A:VAL:H	1:118:A:ASP:HB2	4	0.2	0.06	0.18
(16,1428)	1:121:A:VAL:HG21	1:122:A:ASP:H	4	0.2	0.11	0.15
(16,1428)	1:121:A:VAL:HG22	1:122:A:ASP:H	4	0.2	0.11	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1428)	1:121:A:VAL:HG23	1:122:A:ASP:H	4	0.2	0.11	0.15
(17,59)	1:117:A:VAL:H	1:118:A:ASP:HB2	4	0.2	0.06	0.18
(18,65)	1:117:A:VAL:H	1:118:A:ASP:HB2	4	0.2	0.06	0.18
(29,63)	1:117:A:VAL:H	1:118:A:ASP:HB2	4	0.2	0.06	0.18
(29,1434)	1:121:A:VAL:HG21	1:122:A:ASP:H	4	0.2	0.11	0.15
(29,1434)	1:121:A:VAL:HG22	1:122:A:ASP:H	4	0.2	0.11	0.15
(29,1434)	1:121:A:VAL:HG23	1:122:A:ASP:H	4	0.2	0.11	0.15
(33,1424)	1:121:A:VAL:HG21	1:122:A:ASP:H	4	0.2	0.11	0.15
(33,1424)	1:121:A:VAL:HG22	1:122:A:ASP:H	4	0.2	0.11	0.15
(33,1424)	1:121:A:VAL:HG23	1:122:A:ASP:H	4	0.2	0.11	0.15
(6,2318)	1:105:A:LYS:H	1:105:A:LYS:HG2	4	0.19	0.02	0.19
(6,2318)	1:105:A:LYS:H	1:105:A:LYS:HG3	4	0.19	0.02	0.19
(2,694)	1:98:A:ILE:H	1:100:A:ALA:H	4	0.19	0.07	0.18
(3,703)	1:98:A:ILE:H	1:100:A:ALA:H	4	0.19	0.07	0.18
(4,123)	1:79:A:THR:HB	1:80:A:TYR:H	4	0.19	0.05	0.22
(4,689)	1:98:A:ILE:H	1:100:A:ALA:H	4	0.19	0.07	0.18
(5,697)	1:98:A:ILE:H	1:100:A:ALA:H	4	0.19	0.07	0.18
(6,691)	1:98:A:ILE:H	1:100:A:ALA:H	4	0.19	0.07	0.18
(7,652)	1:98:A:ILE:H	1:100:A:ALA:H	4	0.19	0.07	0.18
(9,691)	1:98:A:ILE:H	1:100:A:ALA:H	4	0.19	0.07	0.18
(15,697)	1:98:A:ILE:H	1:100:A:ALA:H	4	0.19	0.07	0.18
(16,660)	1:98:A:ILE:H	1:100:A:ALA:H	4	0.19	0.07	0.18
(17,697)	1:98:A:ILE:H	1:100:A:ALA:H	4	0.19	0.07	0.18
(18,711)	1:98:A:ILE:H	1:100:A:ALA:H	4	0.19	0.07	0.18
(30,124)	1:79:A:THR:HB	1:80:A:TYR:H	4	0.19	0.05	0.22
(33,696)	1:98:A:ILE:H	1:100:A:ALA:H	4	0.19	0.07	0.18
(34,662)	1:98:A:ILE:H	1:100:A:ALA:H	4	0.19	0.07	0.18
(9,504)	1:105:A:LYS:H	1:105:A:LYS:HG2	4	0.19	0.05	0.17
(9,504)	1:105:A:LYS:H	1:105:A:LYS:HG3	4	0.19	0.05	0.17
(11,1235)	1:37:A:LEU:HA	1:37:A:LEU:HD21	4	0.19	0.05	0.18
(11,1235)	1:37:A:LEU:HA	1:37:A:LEU:HD22	4	0.19	0.05	0.18
(11,1235)	1:37:A:LEU:HA	1:37:A:LEU:HD23	4	0.19	0.05	0.18
(15,1220)	1:37:A:LEU:HA	1:37:A:LEU:HD21	4	0.19	0.05	0.18
(15,1220)	1:37:A:LEU:HA	1:37:A:LEU:HD22	4	0.19	0.05	0.18
(15,1220)	1:37:A:LEU:HA	1:37:A:LEU:HD23	4	0.19	0.05	0.18
(17,1230)	1:37:A:LEU:HA	1:37:A:LEU:HD21	4	0.19	0.05	0.18
(17,1230)	1:37:A:LEU:HA	1:37:A:LEU:HD22	4	0.19	0.05	0.18
(17,1230)	1:37:A:LEU:HA	1:37:A:LEU:HD23	4	0.19	0.05	0.18
(33,1228)	1:37:A:LEU:HA	1:37:A:LEU:HD21	4	0.19	0.05	0.18
(33,1228)	1:37:A:LEU:HA	1:37:A:LEU:HD22	4	0.19	0.05	0.18
(33,1228)	1:37:A:LEU:HA	1:37:A:LEU:HD23	4	0.19	0.05	0.18
(16,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	4	0.19	0.03	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	4	0.19	0.03	0.18
(16,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	4	0.19	0.03	0.18
(16,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	4	0.19	0.03	0.18
(16,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	4	0.19	0.03	0.18
(16,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	4	0.19	0.03	0.18
(29,1465)	1:13:A:ALA:HB1	1:61:A:SER:HA	4	0.19	0.04	0.18
(29,1465)	1:13:A:ALA:HB2	1:61:A:SER:HA	4	0.19	0.04	0.18
(29,1465)	1:13:A:ALA:HB3	1:61:A:SER:HA	4	0.19	0.04	0.18
(2,2051)	1:22:A:ASP:H	1:23:A:LEU:HD11	4	0.18	0.12	0.12
(2,2051)	1:22:A:ASP:H	1:23:A:LEU:HD12	4	0.18	0.12	0.12
(2,2051)	1:22:A:ASP:H	1:23:A:LEU:HD13	4	0.18	0.12	0.12
(2,2051)	1:22:A:ASP:H	1:23:A:LEU:HD21	4	0.18	0.12	0.12
(2,2051)	1:22:A:ASP:H	1:23:A:LEU:HD22	4	0.18	0.12	0.12
(2,2051)	1:22:A:ASP:H	1:23:A:LEU:HD23	4	0.18	0.12	0.12
(4,2030)	1:22:A:ASP:H	1:23:A:LEU:HD11	4	0.18	0.12	0.12
(4,2030)	1:22:A:ASP:H	1:23:A:LEU:HD12	4	0.18	0.12	0.12
(4,2030)	1:22:A:ASP:H	1:23:A:LEU:HD13	4	0.18	0.12	0.12
(4,2030)	1:22:A:ASP:H	1:23:A:LEU:HD21	4	0.18	0.12	0.12
(4,2030)	1:22:A:ASP:H	1:23:A:LEU:HD22	4	0.18	0.12	0.12
(4,2030)	1:22:A:ASP:H	1:23:A:LEU:HD23	4	0.18	0.12	0.12
(7,1990)	1:22:A:ASP:H	1:23:A:LEU:HD11	4	0.18	0.12	0.12
(7,1990)	1:22:A:ASP:H	1:23:A:LEU:HD12	4	0.18	0.12	0.12
(7,1990)	1:22:A:ASP:H	1:23:A:LEU:HD13	4	0.18	0.12	0.12
(7,1990)	1:22:A:ASP:H	1:23:A:LEU:HD21	4	0.18	0.12	0.12
(7,1990)	1:22:A:ASP:H	1:23:A:LEU:HD22	4	0.18	0.12	0.12
(7,1990)	1:22:A:ASP:H	1:23:A:LEU:HD23	4	0.18	0.12	0.12
(9,2016)	1:22:A:ASP:H	1:23:A:LEU:HD11	4	0.18	0.12	0.12
(9,2016)	1:22:A:ASP:H	1:23:A:LEU:HD12	4	0.18	0.12	0.12
(9,2016)	1:22:A:ASP:H	1:23:A:LEU:HD13	4	0.18	0.12	0.12
(9,2016)	1:22:A:ASP:H	1:23:A:LEU:HD21	4	0.18	0.12	0.12
(9,2016)	1:22:A:ASP:H	1:23:A:LEU:HD22	4	0.18	0.12	0.12
(9,2016)	1:22:A:ASP:H	1:23:A:LEU:HD23	4	0.18	0.12	0.12
(13,1997)	1:22:A:ASP:H	1:23:A:LEU:HD11	4	0.18	0.12	0.12
(13,1997)	1:22:A:ASP:H	1:23:A:LEU:HD12	4	0.18	0.12	0.12
(13,1997)	1:22:A:ASP:H	1:23:A:LEU:HD13	4	0.18	0.12	0.12
(13,1997)	1:22:A:ASP:H	1:23:A:LEU:HD21	4	0.18	0.12	0.12
(13,1997)	1:22:A:ASP:H	1:23:A:LEU:HD22	4	0.18	0.12	0.12
(13,1997)	1:22:A:ASP:H	1:23:A:LEU:HD23	4	0.18	0.12	0.12
(15,2008)	1:22:A:ASP:H	1:23:A:LEU:HD11	4	0.18	0.12	0.12
(15,2008)	1:22:A:ASP:H	1:23:A:LEU:HD12	4	0.18	0.12	0.12
(15,2008)	1:22:A:ASP:H	1:23:A:LEU:HD13	4	0.18	0.12	0.12
(15,2008)	1:22:A:ASP:H	1:23:A:LEU:HD21	4	0.18	0.12	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,2008)	1:22:A:ASP:H	1:23:A:LEU:HD22	4	0.18	0.12	0.12
(15,2008)	1:22:A:ASP:H	1:23:A:LEU:HD23	4	0.18	0.12	0.12
(18,2033)	1:22:A:ASP:H	1:23:A:LEU:HD11	4	0.18	0.12	0.12
(18,2033)	1:22:A:ASP:H	1:23:A:LEU:HD12	4	0.18	0.12	0.12
(18,2033)	1:22:A:ASP:H	1:23:A:LEU:HD13	4	0.18	0.12	0.12
(18,2033)	1:22:A:ASP:H	1:23:A:LEU:HD21	4	0.18	0.12	0.12
(18,2033)	1:22:A:ASP:H	1:23:A:LEU:HD22	4	0.18	0.12	0.12
(18,2033)	1:22:A:ASP:H	1:23:A:LEU:HD23	4	0.18	0.12	0.12
(29,2051)	1:22:A:ASP:H	1:23:A:LEU:HD11	4	0.18	0.12	0.12
(29,2051)	1:22:A:ASP:H	1:23:A:LEU:HD12	4	0.18	0.12	0.12
(29,2051)	1:22:A:ASP:H	1:23:A:LEU:HD13	4	0.18	0.12	0.12
(29,2051)	1:22:A:ASP:H	1:23:A:LEU:HD21	4	0.18	0.12	0.12
(29,2051)	1:22:A:ASP:H	1:23:A:LEU:HD22	4	0.18	0.12	0.12
(29,2051)	1:22:A:ASP:H	1:23:A:LEU:HD23	4	0.18	0.12	0.12
(30,2028)	1:22:A:ASP:H	1:23:A:LEU:HD11	4	0.18	0.12	0.12
(30,2028)	1:22:A:ASP:H	1:23:A:LEU:HD12	4	0.18	0.12	0.12
(30,2028)	1:22:A:ASP:H	1:23:A:LEU:HD13	4	0.18	0.12	0.12
(30,2028)	1:22:A:ASP:H	1:23:A:LEU:HD21	4	0.18	0.12	0.12
(30,2028)	1:22:A:ASP:H	1:23:A:LEU:HD22	4	0.18	0.12	0.12
(30,2028)	1:22:A:ASP:H	1:23:A:LEU:HD23	4	0.18	0.12	0.12
(32,2072)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	4	0.18	0.07	0.19
(32,2072)	1:37:A:LEU:HD11	1:41:A:LYS:HG3	4	0.18	0.07	0.19
(32,2072)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	4	0.18	0.07	0.19
(32,2072)	1:37:A:LEU:HD12	1:41:A:LYS:HG3	4	0.18	0.07	0.19
(32,2072)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	4	0.18	0.07	0.19
(32,2072)	1:37:A:LEU:HD13	1:41:A:LYS:HG3	4	0.18	0.07	0.19
(34,2043)	1:22:A:ASP:H	1:23:A:LEU:HD11	4	0.18	0.12	0.12
(34,2043)	1:22:A:ASP:H	1:23:A:LEU:HD12	4	0.18	0.12	0.12
(34,2043)	1:22:A:ASP:H	1:23:A:LEU:HD13	4	0.18	0.12	0.12
(34,2043)	1:22:A:ASP:H	1:23:A:LEU:HD21	4	0.18	0.12	0.12
(34,2043)	1:22:A:ASP:H	1:23:A:LEU:HD22	4	0.18	0.12	0.12
(34,2043)	1:22:A:ASP:H	1:23:A:LEU:HD23	4	0.18	0.12	0.12
(1,1050)	1:11:A:ILE:HA	1:11:A:ILE:HG12	4	0.18	0.03	0.18
(2,1033)	1:11:A:ILE:HA	1:11:A:ILE:HG12	4	0.18	0.03	0.18
(3,1056)	1:11:A:ILE:HA	1:11:A:ILE:HG12	4	0.18	0.03	0.18
(5,1047)	1:11:A:ILE:HA	1:11:A:ILE:HG12	4	0.18	0.03	0.18
(7,1017)	1:11:A:ILE:HA	1:11:A:ILE:HG12	4	0.18	0.03	0.18
(11,1049)	1:11:A:ILE:HA	1:11:A:ILE:HG12	4	0.18	0.03	0.18
(13,1024)	1:11:A:ILE:HA	1:11:A:ILE:HG12	4	0.18	0.03	0.18
(18,1054)	1:11:A:ILE:HA	1:11:A:ILE:HG12	4	0.18	0.03	0.18
(30,1029)	1:11:A:ILE:HA	1:11:A:ILE:HG12	4	0.18	0.03	0.18
(33,1038)	1:11:A:ILE:HA	1:11:A:ILE:HG12	4	0.18	0.03	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,1066)	1:11:A:ILE:HA	1:11:A:ILE:HG12	4	0.18	0.03	0.18
(34,1749)	1:105:A:LYS:HG3	1:106:A:ASP:HA	4	0.17	0.04	0.18
(1,1361)	1:120:A:CYS:HA	1:121:A:VAL:HG11	4	0.17	0.05	0.16
(1,1361)	1:120:A:CYS:HA	1:121:A:VAL:HG12	4	0.17	0.05	0.16
(1,1361)	1:120:A:CYS:HA	1:121:A:VAL:HG13	4	0.17	0.05	0.16
(2,2449)	1:139:A:LEU:HD11	1:142:A:LYS:HA	4	0.17	0.02	0.16
(2,2449)	1:139:A:LEU:HD12	1:142:A:LYS:HA	4	0.17	0.02	0.16
(2,2449)	1:139:A:LEU:HD13	1:142:A:LYS:HA	4	0.17	0.02	0.16
(2,2449)	1:139:A:LEU:HD21	1:142:A:LYS:HA	4	0.17	0.02	0.16
(2,2449)	1:139:A:LEU:HD22	1:142:A:LYS:HA	4	0.17	0.02	0.16
(2,2449)	1:139:A:LEU:HD23	1:142:A:LYS:HA	4	0.17	0.02	0.16
(3,2484)	1:139:A:LEU:HD11	1:142:A:LYS:HA	4	0.17	0.02	0.16
(3,2484)	1:139:A:LEU:HD12	1:142:A:LYS:HA	4	0.17	0.02	0.16
(3,2484)	1:139:A:LEU:HD13	1:142:A:LYS:HA	4	0.17	0.02	0.16
(3,2484)	1:139:A:LEU:HD21	1:142:A:LYS:HA	4	0.17	0.02	0.16
(3,2484)	1:139:A:LEU:HD22	1:142:A:LYS:HA	4	0.17	0.02	0.16
(3,2484)	1:139:A:LEU:HD23	1:142:A:LYS:HA	4	0.17	0.02	0.16
(5,1139)	1:40:A:LEU:HA	1:40:A:LEU:HD21	4	0.17	0.03	0.18
(5,1139)	1:40:A:LEU:HA	1:40:A:LEU:HD22	4	0.17	0.03	0.18
(5,1139)	1:40:A:LEU:HA	1:40:A:LEU:HD23	4	0.17	0.03	0.18
(5,1377)	1:120:A:CYS:HA	1:121:A:VAL:HG11	4	0.17	0.05	0.16
(5,1377)	1:120:A:CYS:HA	1:121:A:VAL:HG12	4	0.17	0.05	0.16
(5,1377)	1:120:A:CYS:HA	1:121:A:VAL:HG13	4	0.17	0.05	0.16
(6,1356)	1:120:A:CYS:HA	1:121:A:VAL:HG11	4	0.17	0.05	0.16
(6,1356)	1:120:A:CYS:HA	1:121:A:VAL:HG12	4	0.17	0.05	0.16
(6,1356)	1:120:A:CYS:HA	1:121:A:VAL:HG13	4	0.17	0.05	0.16
(11,2436)	1:139:A:LEU:HD11	1:142:A:LYS:HA	4	0.17	0.02	0.16
(11,2436)	1:139:A:LEU:HD12	1:142:A:LYS:HA	4	0.17	0.02	0.16
(11,2436)	1:139:A:LEU:HD13	1:142:A:LYS:HA	4	0.17	0.02	0.16
(11,2436)	1:139:A:LEU:HD21	1:142:A:LYS:HA	4	0.17	0.02	0.16
(11,2436)	1:139:A:LEU:HD22	1:142:A:LYS:HA	4	0.17	0.02	0.16
(11,2436)	1:139:A:LEU:HD23	1:142:A:LYS:HA	4	0.17	0.02	0.16
(13,1331)	1:120:A:CYS:HA	1:121:A:VAL:HG11	4	0.17	0.05	0.16
(13,1331)	1:120:A:CYS:HA	1:121:A:VAL:HG12	4	0.17	0.05	0.16
(13,1331)	1:120:A:CYS:HA	1:121:A:VAL:HG13	4	0.17	0.05	0.16
(15,1358)	1:120:A:CYS:HA	1:121:A:VAL:HG11	4	0.17	0.05	0.16
(15,1358)	1:120:A:CYS:HA	1:121:A:VAL:HG12	4	0.17	0.05	0.16
(15,1358)	1:120:A:CYS:HA	1:121:A:VAL:HG13	4	0.17	0.05	0.16
(17,1374)	1:120:A:CYS:HA	1:121:A:VAL:HG11	4	0.17	0.05	0.16
(17,1374)	1:120:A:CYS:HA	1:121:A:VAL:HG12	4	0.17	0.05	0.16
(17,1374)	1:120:A:CYS:HA	1:121:A:VAL:HG13	4	0.17	0.05	0.16
(30,1356)	1:120:A:CYS:HA	1:121:A:VAL:HG11	4	0.17	0.05	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,1356)	1:120:A:CYS:HA	1:121:A:VAL:HG12	4	0.17	0.05	0.16
(30,1356)	1:120:A:CYS:HA	1:121:A:VAL:HG13	4	0.17	0.05	0.16
(32,1326)	1:120:A:CYS:HA	1:121:A:VAL:HG11	4	0.17	0.05	0.16
(32,1326)	1:120:A:CYS:HA	1:121:A:VAL:HG12	4	0.17	0.05	0.16
(32,1326)	1:120:A:CYS:HA	1:121:A:VAL:HG13	4	0.17	0.05	0.16
(33,1359)	1:120:A:CYS:HA	1:121:A:VAL:HG11	4	0.17	0.05	0.16
(33,1359)	1:120:A:CYS:HA	1:121:A:VAL:HG12	4	0.17	0.05	0.16
(33,1359)	1:120:A:CYS:HA	1:121:A:VAL:HG13	4	0.17	0.05	0.16
(1,2122)	1:40:A:LEU:HD11	1:43:A:MET:H	4	0.17	0.05	0.17
(1,2122)	1:40:A:LEU:HD12	1:43:A:MET:H	4	0.17	0.05	0.17
(1,2122)	1:40:A:LEU:HD13	1:43:A:MET:H	4	0.17	0.05	0.17
(1,2122)	1:40:A:LEU:HD21	1:43:A:MET:H	4	0.17	0.05	0.17
(1,2122)	1:40:A:LEU:HD22	1:43:A:MET:H	4	0.17	0.05	0.17
(1,2122)	1:40:A:LEU:HD23	1:43:A:MET:H	4	0.17	0.05	0.17
(4,2123)	1:40:A:LEU:HD11	1:43:A:MET:H	4	0.17	0.05	0.17
(4,2123)	1:40:A:LEU:HD12	1:43:A:MET:H	4	0.17	0.05	0.17
(4,2123)	1:40:A:LEU:HD13	1:43:A:MET:H	4	0.17	0.05	0.17
(4,2123)	1:40:A:LEU:HD21	1:43:A:MET:H	4	0.17	0.05	0.17
(4,2123)	1:40:A:LEU:HD22	1:43:A:MET:H	4	0.17	0.05	0.17
(4,2123)	1:40:A:LEU:HD23	1:43:A:MET:H	4	0.17	0.05	0.17
(1,95)	1:151:A:PHE:H	1:151:A:PHE:HB3	4	0.16	0.02	0.16
(13,87)	1:151:A:PHE:H	1:151:A:PHE:HB3	4	0.16	0.02	0.16
(18,543)	1:71:A:LYS:HB2	1:72:A:PHE:H	4	0.16	0.02	0.16
(2,290)	1:120:A:CYS:H	1:121:A:VAL:H	4	0.16	0.04	0.15
(3,293)	1:120:A:CYS:H	1:121:A:VAL:H	4	0.16	0.04	0.15
(4,287)	1:120:A:CYS:H	1:121:A:VAL:H	4	0.16	0.04	0.15
(4,1170)	1:23:A:LEU:HA	1:23:A:LEU:HD21	4	0.16	0.03	0.16
(4,1170)	1:23:A:LEU:HA	1:23:A:LEU:HD22	4	0.16	0.03	0.16
(4,1170)	1:23:A:LEU:HA	1:23:A:LEU:HD23	4	0.16	0.03	0.16
(7,293)	1:120:A:CYS:H	1:121:A:VAL:H	4	0.16	0.04	0.15
(9,299)	1:120:A:CYS:H	1:121:A:VAL:H	4	0.16	0.04	0.15
(11,294)	1:120:A:CYS:H	1:121:A:VAL:H	4	0.16	0.04	0.15
(16,297)	1:120:A:CYS:H	1:121:A:VAL:H	4	0.16	0.04	0.15
(18,299)	1:120:A:CYS:H	1:121:A:VAL:H	4	0.16	0.04	0.15
(29,292)	1:120:A:CYS:H	1:121:A:VAL:H	4	0.16	0.04	0.15
(33,289)	1:120:A:CYS:H	1:121:A:VAL:H	4	0.16	0.04	0.15
(34,297)	1:120:A:CYS:H	1:121:A:VAL:H	4	0.16	0.04	0.15
(4,1310)	1:53:A:THR:H	1:53:A:THR:HG21	4	0.16	0.04	0.17
(4,1310)	1:53:A:THR:H	1:53:A:THR:HG22	4	0.16	0.04	0.17
(4,1310)	1:53:A:THR:H	1:53:A:THR:HG23	4	0.16	0.04	0.17
(6,1322)	1:53:A:THR:H	1:53:A:THR:HG21	4	0.16	0.04	0.17
(6,1322)	1:53:A:THR:H	1:53:A:THR:HG22	4	0.16	0.04	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,1322)	1:53:A:THR:H	1:53:A:THR:HG23	4	0.16	0.04	0.17
(2,1523)	1:69:A:MET:HE1	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(2,1523)	1:69:A:MET:HE1	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(2,1523)	1:69:A:MET:HE2	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(2,1523)	1:69:A:MET:HE2	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(2,1523)	1:69:A:MET:HE3	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(2,1523)	1:69:A:MET:HE3	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(4,1)	1:143:A:TRP:HA	1:143:A:TRP:HE1	4	0.16	0.03	0.16
(4,1503)	1:69:A:MET:HE1	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(4,1503)	1:69:A:MET:HE1	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(4,1503)	1:69:A:MET:HE2	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(4,1503)	1:69:A:MET:HE2	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(4,1503)	1:69:A:MET:HE3	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(4,1503)	1:69:A:MET:HE3	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(5,1537)	1:69:A:MET:HE1	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(5,1537)	1:69:A:MET:HE1	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(5,1537)	1:69:A:MET:HE2	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(5,1537)	1:69:A:MET:HE2	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(5,1537)	1:69:A:MET:HE3	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(5,1537)	1:69:A:MET:HE3	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(6,1)	1:143:A:TRP:HA	1:143:A:TRP:HE1	4	0.16	0.03	0.16
(6,1517)	1:69:A:MET:HE1	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(6,1517)	1:69:A:MET:HE1	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(6,1517)	1:69:A:MET:HE2	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(6,1517)	1:69:A:MET:HE2	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(6,1517)	1:69:A:MET:HE3	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(6,1517)	1:69:A:MET:HE3	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(6,1743)	1:105:A:LYS:H	1:105:A:LYS:HG3	4	0.16	0.05	0.14
(7,1502)	1:69:A:MET:HE1	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(7,1502)	1:69:A:MET:HE1	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(7,1502)	1:69:A:MET:HE2	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(7,1502)	1:69:A:MET:HE2	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(7,1502)	1:69:A:MET:HE3	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(7,1502)	1:69:A:MET:HE3	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(9,1518)	1:69:A:MET:HE1	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(9,1518)	1:69:A:MET:HE1	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(9,1518)	1:69:A:MET:HE2	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(9,1518)	1:69:A:MET:HE2	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(9,1518)	1:69:A:MET:HE3	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(9,1518)	1:69:A:MET:HE3	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(11,1542)	1:69:A:MET:HE1	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(11,1542)	1:69:A:MET:HE1	1:113:A:PHE:HD2	4	0.16	0.04	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,1542)	1:69:A:MET:HE2	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(11,1542)	1:69:A:MET:HE2	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(11,1542)	1:69:A:MET:HE3	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(11,1542)	1:69:A:MET:HE3	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(13,1493)	1:69:A:MET:HE1	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(13,1493)	1:69:A:MET:HE1	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(13,1493)	1:69:A:MET:HE2	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(13,1493)	1:69:A:MET:HE2	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(13,1493)	1:69:A:MET:HE3	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(13,1493)	1:69:A:MET:HE3	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(13,2001)	1:23:A:LEU:HD11	1:24:A:ASP:H	4	0.16	0.03	0.16
(13,2001)	1:23:A:LEU:HD12	1:24:A:ASP:H	4	0.16	0.03	0.16
(13,2001)	1:23:A:LEU:HD13	1:24:A:ASP:H	4	0.16	0.03	0.16
(13,2001)	1:23:A:LEU:HD21	1:24:A:ASP:H	4	0.16	0.03	0.16
(13,2001)	1:23:A:LEU:HD22	1:24:A:ASP:H	4	0.16	0.03	0.16
(13,2001)	1:23:A:LEU:HD23	1:24:A:ASP:H	4	0.16	0.03	0.16
(15,1512)	1:69:A:MET:HE1	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(15,1512)	1:69:A:MET:HE1	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(15,1512)	1:69:A:MET:HE2	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(15,1512)	1:69:A:MET:HE2	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(15,1512)	1:69:A:MET:HE3	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(15,1512)	1:69:A:MET:HE3	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(15,1726)	1:105:A:LYS:H	1:105:A:LYS:HG3	4	0.16	0.05	0.14
(16,1520)	1:69:A:MET:HE1	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(16,1520)	1:69:A:MET:HE1	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(16,1520)	1:69:A:MET:HE2	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(16,1520)	1:69:A:MET:HE2	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(16,1520)	1:69:A:MET:HE3	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(16,1520)	1:69:A:MET:HE3	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(17,1)	1:143:A:TRP:HA	1:143:A:TRP:HE1	4	0.16	0.03	0.16
(17,1542)	1:69:A:MET:HE1	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(17,1542)	1:69:A:MET:HE1	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(17,1542)	1:69:A:MET:HE2	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(17,1542)	1:69:A:MET:HE2	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(17,1542)	1:69:A:MET:HE3	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(17,1542)	1:69:A:MET:HE3	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(18,1)	1:143:A:TRP:HA	1:143:A:TRP:HE1	4	0.16	0.03	0.16
(18,1512)	1:69:A:MET:HE1	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(18,1512)	1:69:A:MET:HE1	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(18,1512)	1:69:A:MET:HE2	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(18,1512)	1:69:A:MET:HE2	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(18,1512)	1:69:A:MET:HE3	1:113:A:PHE:HD1	4	0.16	0.04	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,1512)	1:69:A:MET:HE3	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(33,1513)	1:69:A:MET:HE1	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(33,1513)	1:69:A:MET:HE1	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(33,1513)	1:69:A:MET:HE2	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(33,1513)	1:69:A:MET:HE2	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(33,1513)	1:69:A:MET:HE3	1:113:A:PHE:HD1	4	0.16	0.04	0.15
(33,1513)	1:69:A:MET:HE3	1:113:A:PHE:HD2	4	0.16	0.04	0.15
(33,1734)	1:105:A:LYS:H	1:105:A:LYS:HG3	4	0.16	0.05	0.14
(34,1)	1:143:A:TRP:HA	1:143:A:TRP:HE1	4	0.16	0.03	0.16
(1,39)	1:95:A:ILE:HB	1:96:A:VAL:H	4	0.16	0.04	0.15
(4,36)	1:95:A:ILE:HB	1:96:A:VAL:H	4	0.16	0.04	0.15
(7,33)	1:95:A:ILE:HB	1:96:A:VAL:H	4	0.16	0.04	0.15
(18,36)	1:95:A:ILE:HB	1:96:A:VAL:H	4	0.16	0.04	0.15
(34,37)	1:95:A:ILE:HB	1:96:A:VAL:H	4	0.16	0.04	0.15
(1,2302)	1:107:A:LEU:HA	1:108:A:GLU:HG2	4	0.16	0.03	0.16
(1,2302)	1:107:A:LEU:HA	1:108:A:GLU:HG3	4	0.16	0.03	0.16
(3,2359)	1:107:A:LEU:HA	1:108:A:GLU:HG2	4	0.16	0.03	0.16
(3,2359)	1:107:A:LEU:HA	1:108:A:GLU:HG3	4	0.16	0.03	0.16
(4,1267)	1:66:A:THR:HG21	1:70:A:LYS:H	4	0.16	0.06	0.13
(4,1267)	1:66:A:THR:HG22	1:70:A:LYS:H	4	0.16	0.06	0.13
(4,1267)	1:66:A:THR:HG23	1:70:A:LYS:H	4	0.16	0.06	0.13
(7,1271)	1:66:A:THR:HG21	1:70:A:LYS:H	4	0.16	0.06	0.13
(7,1271)	1:66:A:THR:HG22	1:70:A:LYS:H	4	0.16	0.06	0.13
(7,1271)	1:66:A:THR:HG23	1:70:A:LYS:H	4	0.16	0.06	0.13
(11,1306)	1:66:A:THR:HG21	1:70:A:LYS:H	4	0.16	0.06	0.13
(11,1306)	1:66:A:THR:HG22	1:70:A:LYS:H	4	0.16	0.06	0.13
(11,1306)	1:66:A:THR:HG23	1:70:A:LYS:H	4	0.16	0.06	0.13
(13,1263)	1:66:A:THR:HG21	1:70:A:LYS:H	4	0.16	0.06	0.13
(13,1263)	1:66:A:THR:HG22	1:70:A:LYS:H	4	0.16	0.06	0.13
(13,1263)	1:66:A:THR:HG23	1:70:A:LYS:H	4	0.16	0.06	0.13
(15,1290)	1:66:A:THR:HG21	1:70:A:LYS:H	4	0.16	0.06	0.13
(15,1290)	1:66:A:THR:HG22	1:70:A:LYS:H	4	0.16	0.06	0.13
(15,1290)	1:66:A:THR:HG23	1:70:A:LYS:H	4	0.16	0.06	0.13
(15,2317)	1:107:A:LEU:HA	1:108:A:GLU:HG2	4	0.16	0.03	0.16
(15,2317)	1:107:A:LEU:HA	1:108:A:GLU:HG3	4	0.16	0.03	0.16
(16,2322)	1:107:A:LEU:HA	1:108:A:GLU:HG2	4	0.16	0.03	0.16
(16,2322)	1:107:A:LEU:HA	1:108:A:GLU:HG3	4	0.16	0.03	0.16
(29,1301)	1:66:A:THR:HG21	1:70:A:LYS:H	4	0.16	0.06	0.13
(29,1301)	1:66:A:THR:HG22	1:70:A:LYS:H	4	0.16	0.06	0.13
(29,1301)	1:66:A:THR:HG23	1:70:A:LYS:H	4	0.16	0.06	0.13
(29,2312)	1:107:A:LEU:HA	1:108:A:GLU:HG2	4	0.16	0.03	0.16
(29,2312)	1:107:A:LEU:HA	1:108:A:GLU:HG3	4	0.16	0.03	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,1296)	1:66:A:THR:HG21	1:70:A:LYS:H	4	0.16	0.06	0.13
(33,1296)	1:66:A:THR:HG22	1:70:A:LYS:H	4	0.16	0.06	0.13
(33,1296)	1:66:A:THR:HG23	1:70:A:LYS:H	4	0.16	0.06	0.13
(7,1605)	1:113:A:PHE:HB3	1:114:A:ILE:HG21	4	0.15	0.03	0.14
(7,1605)	1:113:A:PHE:HB3	1:114:A:ILE:HG22	4	0.15	0.03	0.14
(7,1605)	1:113:A:PHE:HB3	1:114:A:ILE:HG23	4	0.15	0.03	0.14
(1,1556)	1:63:A:ILE:HG21	1:69:A:MET:HE1	4	0.15	0.03	0.16
(1,1556)	1:63:A:ILE:HG21	1:69:A:MET:HE2	4	0.15	0.03	0.16
(1,1556)	1:63:A:ILE:HG21	1:69:A:MET:HE3	4	0.15	0.03	0.16
(1,1556)	1:63:A:ILE:HG22	1:69:A:MET:HE1	4	0.15	0.03	0.16
(1,1556)	1:63:A:ILE:HG22	1:69:A:MET:HE2	4	0.15	0.03	0.16
(1,1556)	1:63:A:ILE:HG22	1:69:A:MET:HE3	4	0.15	0.03	0.16
(1,1556)	1:63:A:ILE:HG23	1:69:A:MET:HE1	4	0.15	0.03	0.16
(1,1556)	1:63:A:ILE:HG23	1:69:A:MET:HE2	4	0.15	0.03	0.16
(1,1556)	1:63:A:ILE:HG23	1:69:A:MET:HE3	4	0.15	0.03	0.16
(2,592)	1:25:A:ALA:HA	1:28:A:GLY:H	4	0.15	0.04	0.14
(4,1527)	1:63:A:ILE:HG21	1:69:A:MET:HE1	4	0.15	0.03	0.16
(4,1527)	1:63:A:ILE:HG21	1:69:A:MET:HE2	4	0.15	0.03	0.16
(4,1527)	1:63:A:ILE:HG21	1:69:A:MET:HE3	4	0.15	0.03	0.16
(4,1527)	1:63:A:ILE:HG22	1:69:A:MET:HE1	4	0.15	0.03	0.16
(4,1527)	1:63:A:ILE:HG22	1:69:A:MET:HE2	4	0.15	0.03	0.16
(4,1527)	1:63:A:ILE:HG22	1:69:A:MET:HE3	4	0.15	0.03	0.16
(4,1527)	1:63:A:ILE:HG23	1:69:A:MET:HE1	4	0.15	0.03	0.16
(4,1527)	1:63:A:ILE:HG23	1:69:A:MET:HE2	4	0.15	0.03	0.16
(4,1527)	1:63:A:ILE:HG23	1:69:A:MET:HE3	4	0.15	0.03	0.16
(11,1564)	1:63:A:ILE:HG21	1:69:A:MET:HE1	4	0.15	0.03	0.16
(11,1564)	1:63:A:ILE:HG21	1:69:A:MET:HE2	4	0.15	0.03	0.16
(11,1564)	1:63:A:ILE:HG21	1:69:A:MET:HE3	4	0.15	0.03	0.16
(11,1564)	1:63:A:ILE:HG22	1:69:A:MET:HE1	4	0.15	0.03	0.16
(11,1564)	1:63:A:ILE:HG22	1:69:A:MET:HE2	4	0.15	0.03	0.16
(11,1564)	1:63:A:ILE:HG22	1:69:A:MET:HE3	4	0.15	0.03	0.16
(11,1564)	1:63:A:ILE:HG23	1:69:A:MET:HE1	4	0.15	0.03	0.16
(11,1564)	1:63:A:ILE:HG23	1:69:A:MET:HE2	4	0.15	0.03	0.16
(11,1564)	1:63:A:ILE:HG23	1:69:A:MET:HE3	4	0.15	0.03	0.16
(17,1563)	1:63:A:ILE:HG21	1:69:A:MET:HE1	4	0.15	0.03	0.16
(17,1563)	1:63:A:ILE:HG21	1:69:A:MET:HE2	4	0.15	0.03	0.16
(17,1563)	1:63:A:ILE:HG21	1:69:A:MET:HE3	4	0.15	0.03	0.16
(17,1563)	1:63:A:ILE:HG22	1:69:A:MET:HE1	4	0.15	0.03	0.16
(17,1563)	1:63:A:ILE:HG22	1:69:A:MET:HE2	4	0.15	0.03	0.16
(17,1563)	1:63:A:ILE:HG22	1:69:A:MET:HE3	4	0.15	0.03	0.16
(17,1563)	1:63:A:ILE:HG23	1:69:A:MET:HE1	4	0.15	0.03	0.16
(17,1563)	1:63:A:ILE:HG23	1:69:A:MET:HE2	4	0.15	0.03	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,1563)	1:63:A:ILE:HG23	1:69:A:MET:HE3	4	0.15	0.03	0.16
(18,1534)	1:63:A:ILE:HG21	1:69:A:MET:HE1	4	0.15	0.03	0.16
(18,1534)	1:63:A:ILE:HG21	1:69:A:MET:HE2	4	0.15	0.03	0.16
(18,1534)	1:63:A:ILE:HG21	1:69:A:MET:HE3	4	0.15	0.03	0.16
(18,1534)	1:63:A:ILE:HG22	1:69:A:MET:HE1	4	0.15	0.03	0.16
(18,1534)	1:63:A:ILE:HG22	1:69:A:MET:HE2	4	0.15	0.03	0.16
(18,1534)	1:63:A:ILE:HG22	1:69:A:MET:HE3	4	0.15	0.03	0.16
(18,1534)	1:63:A:ILE:HG23	1:69:A:MET:HE1	4	0.15	0.03	0.16
(18,1534)	1:63:A:ILE:HG23	1:69:A:MET:HE2	4	0.15	0.03	0.16
(18,1534)	1:63:A:ILE:HG23	1:69:A:MET:HE3	4	0.15	0.03	0.16
(30,1541)	1:63:A:ILE:HG21	1:69:A:MET:HE1	4	0.15	0.03	0.16
(30,1541)	1:63:A:ILE:HG21	1:69:A:MET:HE2	4	0.15	0.03	0.16
(30,1541)	1:63:A:ILE:HG21	1:69:A:MET:HE3	4	0.15	0.03	0.16
(30,1541)	1:63:A:ILE:HG22	1:69:A:MET:HE1	4	0.15	0.03	0.16
(30,1541)	1:63:A:ILE:HG22	1:69:A:MET:HE2	4	0.15	0.03	0.16
(30,1541)	1:63:A:ILE:HG22	1:69:A:MET:HE3	4	0.15	0.03	0.16
(30,1541)	1:63:A:ILE:HG23	1:69:A:MET:HE1	4	0.15	0.03	0.16
(30,1541)	1:63:A:ILE:HG23	1:69:A:MET:HE2	4	0.15	0.03	0.16
(30,1541)	1:63:A:ILE:HG23	1:69:A:MET:HE3	4	0.15	0.03	0.16
(11,37)	1:96:A:VAL:H	1:96:A:VAL:HB	4	0.15	0.04	0.13
(33,1503)	1:98:A:ILE:HG21	1:119:A:LEU:HG	4	0.15	0.05	0.14
(33,1503)	1:98:A:ILE:HG22	1:119:A:LEU:HG	4	0.15	0.05	0.14
(33,1503)	1:98:A:ILE:HG23	1:119:A:LEU:HG	4	0.15	0.05	0.14
(15,493)	1:105:A:LYS:H	1:107:A:LEU:H	4	0.15	0.03	0.14
(29,491)	1:105:A:LYS:H	1:107:A:LEU:H	4	0.15	0.03	0.14
(33,484)	1:105:A:LYS:H	1:107:A:LEU:H	4	0.15	0.03	0.14
(2,1646)	1:79:A:THR:H	1:80:A:TYR:HA	4	0.14	0.03	0.14
(3,1660)	1:79:A:THR:H	1:80:A:TYR:HA	4	0.14	0.03	0.14
(4,1605)	1:79:A:THR:H	1:80:A:TYR:HA	4	0.14	0.03	0.14
(5,1642)	1:79:A:THR:H	1:80:A:TYR:HA	4	0.14	0.03	0.14
(6,1627)	1:79:A:THR:H	1:80:A:TYR:HA	4	0.14	0.03	0.14
(9,1618)	1:79:A:THR:H	1:80:A:TYR:HA	4	0.14	0.03	0.14
(11,1661)	1:79:A:THR:H	1:80:A:TYR:HA	4	0.14	0.03	0.14
(13,1598)	1:79:A:THR:H	1:80:A:TYR:HA	4	0.14	0.03	0.14
(15,1620)	1:79:A:THR:H	1:80:A:TYR:HA	4	0.14	0.03	0.14
(16,1618)	1:79:A:THR:H	1:80:A:TYR:HA	4	0.14	0.03	0.14
(17,1644)	1:79:A:THR:H	1:80:A:TYR:HA	4	0.14	0.03	0.14
(18,1614)	1:79:A:THR:H	1:80:A:TYR:HA	4	0.14	0.03	0.14
(29,1642)	1:79:A:THR:H	1:80:A:TYR:HA	4	0.14	0.03	0.14
(30,1629)	1:79:A:THR:H	1:80:A:TYR:HA	4	0.14	0.03	0.14
(32,1590)	1:79:A:THR:H	1:80:A:TYR:HA	4	0.14	0.03	0.14
(34,1641)	1:79:A:THR:H	1:80:A:TYR:HA	4	0.14	0.03	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,663)	1:99:A:PRO:HG3	1:100:A:ALA:H	4	0.14	0.05	0.12
(1,1817)	1:101:A:ILE:HB	1:104:A:PHE:HD1	4	0.14	0.04	0.13
(1,1817)	1:101:A:ILE:HB	1:104:A:PHE:HD2	4	0.14	0.04	0.13
(11,655)	1:99:A:PRO:HG3	1:100:A:ALA:H	4	0.14	0.05	0.12
(15,1792)	1:101:A:ILE:HB	1:104:A:PHE:HD1	4	0.14	0.04	0.13
(15,1792)	1:101:A:ILE:HB	1:104:A:PHE:HD2	4	0.14	0.04	0.13
(16,1798)	1:101:A:ILE:HB	1:104:A:PHE:HD1	4	0.14	0.04	0.13
(16,1798)	1:101:A:ILE:HB	1:104:A:PHE:HD2	4	0.14	0.04	0.13
(29,1827)	1:101:A:ILE:HB	1:104:A:PHE:HD1	4	0.14	0.04	0.13
(29,1827)	1:101:A:ILE:HB	1:104:A:PHE:HD2	4	0.14	0.04	0.13
(32,1769)	1:101:A:ILE:HB	1:104:A:PHE:HD1	4	0.14	0.04	0.13
(32,1769)	1:101:A:ILE:HB	1:104:A:PHE:HD2	4	0.14	0.04	0.13
(33,1803)	1:101:A:ILE:HB	1:104:A:PHE:HD1	4	0.14	0.04	0.13
(33,1803)	1:101:A:ILE:HB	1:104:A:PHE:HD2	4	0.14	0.04	0.13
(1,1033)	1:149:A:ALA:HB1	1:150:A:THR:HA	4	0.14	0.04	0.12
(1,1033)	1:149:A:ALA:HB2	1:150:A:THR:HA	4	0.14	0.04	0.12
(1,1033)	1:149:A:ALA:HB3	1:150:A:THR:HA	4	0.14	0.04	0.12
(2,668)	1:101:A:ILE:HD11	1:116:A:GLN:H	4	0.14	0.02	0.14
(2,668)	1:101:A:ILE:HD12	1:116:A:GLN:H	4	0.14	0.02	0.14
(2,668)	1:101:A:ILE:HD13	1:116:A:GLN:H	4	0.14	0.02	0.14
(3,677)	1:101:A:ILE:HD11	1:116:A:GLN:H	4	0.14	0.02	0.14
(3,677)	1:101:A:ILE:HD12	1:116:A:GLN:H	4	0.14	0.02	0.14
(3,677)	1:101:A:ILE:HD13	1:116:A:GLN:H	4	0.14	0.02	0.14
(3,1035)	1:149:A:ALA:HB1	1:150:A:THR:HA	4	0.14	0.04	0.12
(3,1035)	1:149:A:ALA:HB2	1:150:A:THR:HA	4	0.14	0.04	0.12
(3,1035)	1:149:A:ALA:HB3	1:150:A:THR:HA	4	0.14	0.04	0.12
(4,660)	1:101:A:ILE:HD11	1:116:A:GLN:H	4	0.14	0.02	0.14
(4,660)	1:101:A:ILE:HD12	1:116:A:GLN:H	4	0.14	0.02	0.14
(4,660)	1:101:A:ILE:HD13	1:116:A:GLN:H	4	0.14	0.02	0.14
(4,1003)	1:149:A:ALA:HB1	1:150:A:THR:HA	4	0.14	0.04	0.12
(4,1003)	1:149:A:ALA:HB2	1:150:A:THR:HA	4	0.14	0.04	0.12
(4,1003)	1:149:A:ALA:HB3	1:150:A:THR:HA	4	0.14	0.04	0.12
(7,667)	1:101:A:ILE:HD11	1:116:A:GLN:H	4	0.14	0.02	0.14
(7,667)	1:101:A:ILE:HD12	1:116:A:GLN:H	4	0.14	0.02	0.14
(7,667)	1:101:A:ILE:HD13	1:116:A:GLN:H	4	0.14	0.02	0.14
(7,1001)	1:149:A:ALA:HB1	1:150:A:THR:HA	4	0.14	0.04	0.12
(7,1001)	1:149:A:ALA:HB2	1:150:A:THR:HA	4	0.14	0.04	0.12
(7,1001)	1:149:A:ALA:HB3	1:150:A:THR:HA	4	0.14	0.04	0.12
(9,666)	1:101:A:ILE:HD11	1:116:A:GLN:H	4	0.14	0.02	0.14
(9,666)	1:101:A:ILE:HD12	1:116:A:GLN:H	4	0.14	0.02	0.14
(9,666)	1:101:A:ILE:HD13	1:116:A:GLN:H	4	0.14	0.02	0.14
(9,1017)	1:149:A:ALA:HB1	1:150:A:THR:HA	4	0.14	0.04	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,1017)	1:149:A:ALA:HB2	1:150:A:THR:HA	4	0.14	0.04	0.12
(9,1017)	1:149:A:ALA:HB3	1:150:A:THR:HA	4	0.14	0.04	0.12
(11,670)	1:101:A:ILE:HD11	1:116:A:GLN:H	4	0.14	0.02	0.14
(11,670)	1:101:A:ILE:HD12	1:116:A:GLN:H	4	0.14	0.02	0.14
(11,670)	1:101:A:ILE:HD13	1:116:A:GLN:H	4	0.14	0.02	0.14
(13,660)	1:101:A:ILE:HD11	1:116:A:GLN:H	4	0.14	0.02	0.14
(13,660)	1:101:A:ILE:HD12	1:116:A:GLN:H	4	0.14	0.02	0.14
(13,660)	1:101:A:ILE:HD13	1:116:A:GLN:H	4	0.14	0.02	0.14
(15,674)	1:101:A:ILE:HD11	1:116:A:GLN:H	4	0.14	0.02	0.14
(15,674)	1:101:A:ILE:HD12	1:116:A:GLN:H	4	0.14	0.02	0.14
(15,674)	1:101:A:ILE:HD13	1:116:A:GLN:H	4	0.14	0.02	0.14
(16,679)	1:101:A:ILE:HD11	1:116:A:GLN:H	4	0.14	0.02	0.14
(16,679)	1:101:A:ILE:HD12	1:116:A:GLN:H	4	0.14	0.02	0.14
(16,679)	1:101:A:ILE:HD13	1:116:A:GLN:H	4	0.14	0.02	0.14
(17,670)	1:101:A:ILE:HD11	1:116:A:GLN:H	4	0.14	0.02	0.14
(17,670)	1:101:A:ILE:HD12	1:116:A:GLN:H	4	0.14	0.02	0.14
(17,670)	1:101:A:ILE:HD13	1:116:A:GLN:H	4	0.14	0.02	0.14
(17,1022)	1:149:A:ALA:HB1	1:150:A:THR:HA	4	0.14	0.04	0.12
(17,1022)	1:149:A:ALA:HB2	1:150:A:THR:HA	4	0.14	0.04	0.12
(17,1022)	1:149:A:ALA:HB3	1:150:A:THR:HA	4	0.14	0.04	0.12
(18,683)	1:101:A:ILE:HD11	1:116:A:GLN:H	4	0.14	0.02	0.14
(18,683)	1:101:A:ILE:HD12	1:116:A:GLN:H	4	0.14	0.02	0.14
(18,683)	1:101:A:ILE:HD13	1:116:A:GLN:H	4	0.14	0.02	0.14
(18,1032)	1:149:A:ALA:HB1	1:150:A:THR:HA	4	0.14	0.04	0.12
(18,1032)	1:149:A:ALA:HB2	1:150:A:THR:HA	4	0.14	0.04	0.12
(18,1032)	1:149:A:ALA:HB3	1:150:A:THR:HA	4	0.14	0.04	0.12
(29,676)	1:101:A:ILE:HD11	1:116:A:GLN:H	4	0.14	0.02	0.14
(29,676)	1:101:A:ILE:HD12	1:116:A:GLN:H	4	0.14	0.02	0.14
(29,676)	1:101:A:ILE:HD13	1:116:A:GLN:H	4	0.14	0.02	0.14
(29,1030)	1:149:A:ALA:HB1	1:150:A:THR:HA	4	0.14	0.04	0.12
(29,1030)	1:149:A:ALA:HB2	1:150:A:THR:HA	4	0.14	0.04	0.12
(29,1030)	1:149:A:ALA:HB3	1:150:A:THR:HA	4	0.14	0.04	0.12
(30,666)	1:101:A:ILE:HD11	1:116:A:GLN:H	4	0.14	0.02	0.14
(30,666)	1:101:A:ILE:HD12	1:116:A:GLN:H	4	0.14	0.02	0.14
(30,666)	1:101:A:ILE:HD13	1:116:A:GLN:H	4	0.14	0.02	0.14
(30,1008)	1:149:A:ALA:HB1	1:150:A:THR:HA	4	0.14	0.04	0.12
(30,1008)	1:149:A:ALA:HB2	1:150:A:THR:HA	4	0.14	0.04	0.12
(30,1008)	1:149:A:ALA:HB3	1:150:A:THR:HA	4	0.14	0.04	0.12
(32,656)	1:101:A:ILE:HD11	1:116:A:GLN:H	4	0.14	0.02	0.14
(32,656)	1:101:A:ILE:HD12	1:116:A:GLN:H	4	0.14	0.02	0.14
(32,656)	1:101:A:ILE:HD13	1:116:A:GLN:H	4	0.14	0.02	0.14
(33,667)	1:101:A:ILE:HD11	1:116:A:GLN:H	4	0.14	0.02	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,667)	1:101:A:ILE:HD12	1:116:A:GLN:H	4	0.14	0.02	0.14
(33,667)	1:101:A:ILE:HD13	1:116:A:GLN:H	4	0.14	0.02	0.14
(33,1020)	1:149:A:ALA:HB1	1:150:A:THR:HA	4	0.14	0.04	0.12
(33,1020)	1:149:A:ALA:HB2	1:150:A:THR:HA	4	0.14	0.04	0.12
(33,1020)	1:149:A:ALA:HB3	1:150:A:THR:HA	4	0.14	0.04	0.12
(33,1127)	1:40:A:LEU:HA	1:40:A:LEU:HD21	4	0.14	0.03	0.15
(33,1127)	1:40:A:LEU:HA	1:40:A:LEU:HD22	4	0.14	0.03	0.15
(33,1127)	1:40:A:LEU:HA	1:40:A:LEU:HD23	4	0.14	0.03	0.15
(34,679)	1:101:A:ILE:HD11	1:116:A:GLN:H	4	0.14	0.02	0.14
(34,679)	1:101:A:ILE:HD12	1:116:A:GLN:H	4	0.14	0.02	0.14
(34,679)	1:101:A:ILE:HD13	1:116:A:GLN:H	4	0.14	0.02	0.14
(34,1045)	1:149:A:ALA:HB1	1:150:A:THR:HA	4	0.14	0.04	0.12
(34,1045)	1:149:A:ALA:HB2	1:150:A:THR:HA	4	0.14	0.04	0.12
(34,1045)	1:149:A:ALA:HB3	1:150:A:THR:HA	4	0.14	0.04	0.12
(3,1062)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	4	0.14	0.02	0.14
(3,1062)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	4	0.14	0.02	0.14
(3,1062)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	4	0.14	0.02	0.14
(3,1062)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	4	0.14	0.02	0.14
(3,1062)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	4	0.14	0.02	0.14
(3,1062)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	4	0.14	0.02	0.14
(4,1026)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	4	0.14	0.02	0.14
(4,1026)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	4	0.14	0.02	0.14
(4,1026)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	4	0.14	0.02	0.14
(4,1026)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	4	0.14	0.02	0.14
(4,1026)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	4	0.14	0.02	0.14
(4,1026)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	4	0.14	0.02	0.14
(11,1054)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	4	0.14	0.02	0.14
(11,1054)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	4	0.14	0.02	0.14
(11,1054)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	4	0.14	0.02	0.14
(11,1054)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	4	0.14	0.02	0.14
(11,1054)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	4	0.14	0.02	0.14
(11,1054)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	4	0.14	0.02	0.14
(33,1043)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	4	0.14	0.02	0.14
(33,1043)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	4	0.14	0.02	0.14
(33,1043)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	4	0.14	0.02	0.14
(33,1043)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	4	0.14	0.02	0.14
(33,1043)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	4	0.14	0.02	0.14
(33,1043)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	4	0.14	0.02	0.14
(2,1620)	1:72:A:PHE:H	1:73:A:ILE:HG21	4	0.13	0.03	0.12
(2,1620)	1:72:A:PHE:H	1:73:A:ILE:HG22	4	0.13	0.03	0.12
(2,1620)	1:72:A:PHE:H	1:73:A:ILE:HG23	4	0.13	0.03	0.12
(4,1585)	1:72:A:PHE:H	1:73:A:ILE:HG21	4	0.13	0.03	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1585)	1:72:A:PHE:H	1:73:A:ILE:HG22	4	0.13	0.03	0.12
(4,1585)	1:72:A:PHE:H	1:73:A:ILE:HG23	4	0.13	0.03	0.12
(5,1620)	1:72:A:PHE:H	1:73:A:ILE:HG21	4	0.13	0.03	0.12
(5,1620)	1:72:A:PHE:H	1:73:A:ILE:HG22	4	0.13	0.03	0.12
(5,1620)	1:72:A:PHE:H	1:73:A:ILE:HG23	4	0.13	0.03	0.12
(6,1605)	1:72:A:PHE:H	1:73:A:ILE:HG21	4	0.13	0.03	0.12
(6,1605)	1:72:A:PHE:H	1:73:A:ILE:HG22	4	0.13	0.03	0.12
(6,1605)	1:72:A:PHE:H	1:73:A:ILE:HG23	4	0.13	0.03	0.12
(7,1579)	1:72:A:PHE:H	1:73:A:ILE:HG21	4	0.13	0.03	0.12
(7,1579)	1:72:A:PHE:H	1:73:A:ILE:HG22	4	0.13	0.03	0.12
(7,1579)	1:72:A:PHE:H	1:73:A:ILE:HG23	4	0.13	0.03	0.12
(9,1599)	1:72:A:PHE:H	1:73:A:ILE:HG21	4	0.13	0.03	0.12
(9,1599)	1:72:A:PHE:H	1:73:A:ILE:HG22	4	0.13	0.03	0.12
(9,1599)	1:72:A:PHE:H	1:73:A:ILE:HG23	4	0.13	0.03	0.12
(15,1598)	1:72:A:PHE:H	1:73:A:ILE:HG21	4	0.13	0.03	0.12
(15,1598)	1:72:A:PHE:H	1:73:A:ILE:HG22	4	0.13	0.03	0.12
(15,1598)	1:72:A:PHE:H	1:73:A:ILE:HG23	4	0.13	0.03	0.12
(17,1621)	1:72:A:PHE:H	1:73:A:ILE:HG21	4	0.13	0.03	0.12
(17,1621)	1:72:A:PHE:H	1:73:A:ILE:HG22	4	0.13	0.03	0.12
(17,1621)	1:72:A:PHE:H	1:73:A:ILE:HG23	4	0.13	0.03	0.12
(33,1597)	1:72:A:PHE:H	1:73:A:ILE:HG21	4	0.13	0.03	0.12
(33,1597)	1:72:A:PHE:H	1:73:A:ILE:HG22	4	0.13	0.03	0.12
(33,1597)	1:72:A:PHE:H	1:73:A:ILE:HG23	4	0.13	0.03	0.12
(3,351)	1:123:A:CYS:H	1:128:A:LEU:HD11	4	0.12	0.01	0.12
(3,351)	1:123:A:CYS:H	1:128:A:LEU:HD12	4	0.12	0.01	0.12
(3,351)	1:123:A:CYS:H	1:128:A:LEU:HD13	4	0.12	0.01	0.12
(9,2391)	1:139:A:LEU:H	1:139:A:LEU:HD11	4	0.12	0.01	0.12
(9,2391)	1:139:A:LEU:H	1:139:A:LEU:HD12	4	0.12	0.01	0.12
(9,2391)	1:139:A:LEU:H	1:139:A:LEU:HD13	4	0.12	0.01	0.12
(9,2391)	1:139:A:LEU:H	1:139:A:LEU:HD21	4	0.12	0.01	0.12
(9,2391)	1:139:A:LEU:H	1:139:A:LEU:HD22	4	0.12	0.01	0.12
(9,2391)	1:139:A:LEU:H	1:139:A:LEU:HD23	4	0.12	0.01	0.12
(1,853)	1:103:A:ARG:HA	1:103:A:ARG:HD2	4	0.12	0.02	0.12
(1,853)	1:103:A:ARG:HA	1:103:A:ARG:HD3	4	0.12	0.02	0.12
(19,2)	1:120:A:CYS:SG	1:59:A:CYS:CB	4	0.11	0.02	0.11
(28,1)	1:59:A:CYS:CB	1:120:A:CYS:SG	4	0.11	0.02	0.11
(32,86)	1:97:A:ASP:H	1:98:A:ILE:H	4	0.11	0.01	0.11
(9,1855)	1:18:A:PHE:HA	1:113:A:PHE:HE1	3	2.2	1.25	2.78
(9,1855)	1:18:A:PHE:HA	1:113:A:PHE:HE2	3	2.2	1.25	2.78
(3,1145)	1:143:A:TRP:HA	1:144:A:LEU:HD21	3	2.19	0.12	2.27
(3,1145)	1:143:A:TRP:HA	1:144:A:LEU:HD22	3	2.19	0.12	2.27
(3,1145)	1:143:A:TRP:HA	1:144:A:LEU:HD23	3	2.19	0.12	2.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1622)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	3	2.04	0.63	1.99
(7,1622)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	3	2.04	0.63	1.99
(7,1622)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	3	2.04	0.63	1.99
(7,1622)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	3	2.04	0.63	1.99
(7,1622)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	3	2.04	0.63	1.99
(7,1622)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	3	2.04	0.63	1.99
(7,1622)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	3	2.04	0.63	1.99
(7,1622)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	3	2.04	0.63	1.99
(7,1622)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	3	2.04	0.63	1.99
(17,715)	1:44:A:GLU:HG3	1:48:A:ARG:HE	3	1.99	1.8	1.31
(29,720)	1:44:A:GLU:HG3	1:48:A:ARG:HE	3	1.99	1.8	1.31
(2,2078)	1:31:A:PRO:HD2	1:144:A:LEU:HA	3	1.91	1.11	1.15
(2,2078)	1:31:A:PRO:HD3	1:144:A:LEU:HA	3	1.91	1.11	1.15
(4,2062)	1:34:A:LYS:H	1:81:A:GLU:HB2	3	1.87	0.85	1.36
(4,2062)	1:34:A:LYS:H	1:81:A:GLU:HB3	3	1.87	0.85	1.36
(3,1030)	1:34:A:LYS:H	1:81:A:GLU:HB2	3	1.86	1.52	0.88
(4,1002)	1:34:A:LYS:H	1:81:A:GLU:HB2	3	1.86	1.52	0.88
(16,1033)	1:34:A:LYS:H	1:81:A:GLU:HB2	3	1.86	1.52	0.88
(3,721)	1:44:A:GLU:HG2	1:48:A:ARG:HE	3	1.85	2.07	0.53
(3,721)	1:44:A:GLU:HG3	1:48:A:ARG:HE	3	1.85	2.07	0.53
(9,708)	1:44:A:GLU:HG2	1:48:A:ARG:HE	3	1.85	2.07	0.53
(9,708)	1:44:A:GLU:HG3	1:48:A:ARG:HE	3	1.85	2.07	0.53
(2,1631)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	3	1.84	1.45	1.55
(2,1631)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	3	1.84	1.45	1.55
(2,1631)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	3	1.84	1.45	1.55
(2,1631)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	3	1.84	1.45	1.55
(2,1631)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	3	1.84	1.45	1.55
(2,1631)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	3	1.84	1.45	1.55
(4,1596)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	3	1.84	1.45	1.55
(4,1596)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	3	1.84	1.45	1.55
(4,1596)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	3	1.84	1.45	1.55
(4,1596)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	3	1.84	1.45	1.55
(4,1596)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	3	1.84	1.45	1.55
(4,1596)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	3	1.84	1.45	1.55
(7,1589)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	3	1.84	1.45	1.55
(7,1589)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	3	1.84	1.45	1.55
(7,1589)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	3	1.84	1.45	1.55
(7,1589)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	3	1.84	1.45	1.55
(7,1589)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	3	1.84	1.45	1.55
(7,1589)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	3	1.84	1.45	1.55
(9,1608)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	3	1.84	1.45	1.55
(9,1608)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	3	1.84	1.45	1.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,1608)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	3	1.84	1.45	1.55
(9,1608)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	3	1.84	1.45	1.55
(9,1608)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	3	1.84	1.45	1.55
(9,1608)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	3	1.84	1.45	1.55
(13,1586)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	3	1.84	1.45	1.55
(13,1586)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	3	1.84	1.45	1.55
(13,1586)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	3	1.84	1.45	1.55
(13,1586)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	3	1.84	1.45	1.55
(13,1586)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	3	1.84	1.45	1.55
(13,1586)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	3	1.84	1.45	1.55
(15,1609)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	3	1.84	1.45	1.55
(15,1609)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	3	1.84	1.45	1.55
(15,1609)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	3	1.84	1.45	1.55
(15,1609)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	3	1.84	1.45	1.55
(15,1609)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	3	1.84	1.45	1.55
(15,1609)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	3	1.84	1.45	1.55
(30,1618)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	3	1.84	1.45	1.55
(30,1618)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	3	1.84	1.45	1.55
(30,1618)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	3	1.84	1.45	1.55
(30,1618)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	3	1.84	1.45	1.55
(30,1618)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	3	1.84	1.45	1.55
(30,1618)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	3	1.84	1.45	1.55
(34,1631)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	3	1.84	1.45	1.55
(34,1631)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	3	1.84	1.45	1.55
(34,1631)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	3	1.84	1.45	1.55
(34,1631)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	3	1.84	1.45	1.55
(34,1631)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	3	1.84	1.45	1.55
(34,1631)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	3	1.84	1.45	1.55
(4,1627)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	3	1.83	0.63	1.78
(4,1627)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	3	1.83	0.63	1.78
(4,1627)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	3	1.83	0.63	1.78
(4,1627)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	3	1.83	0.63	1.78
(4,1627)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	3	1.83	0.63	1.78
(4,1627)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	3	1.83	0.63	1.78
(4,1627)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	3	1.83	0.63	1.78
(4,1627)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	3	1.83	0.63	1.78
(4,1627)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	3	1.83	0.63	1.78
(3,2088)	1:34:A:LYS:H	1:81:A:GLU:HB2	3	1.82	0.85	1.31
(3,2088)	1:34:A:LYS:H	1:81:A:GLU:HB3	3	1.82	0.85	1.31
(7,707)	1:44:A:GLU:HG2	1:48:A:ARG:HE	3	1.78	1.9	0.67
(7,707)	1:44:A:GLU:HG3	1:48:A:ARG:HE	3	1.78	1.9	0.67
(18,1602)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	3	1.74	1.45	1.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,1602)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	3	1.74	1.45	1.45
(18,1602)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	3	1.74	1.45	1.45
(18,1602)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	3	1.74	1.45	1.45
(18,1602)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	3	1.74	1.45	1.45
(18,1602)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	3	1.74	1.45	1.45
(16,942)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	3	1.64	1.7	0.59
(16,942)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	3	1.64	1.7	0.59
(16,942)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	3	1.64	1.7	0.59
(16,942)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	3	1.64	1.7	0.59
(3,946)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	3	1.62	1.7	0.57
(3,946)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	3	1.62	1.7	0.57
(3,946)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	3	1.62	1.7	0.57
(3,946)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	3	1.62	1.7	0.57
(5,931)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	3	1.62	1.7	0.57
(5,931)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	3	1.62	1.7	0.57
(5,931)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	3	1.62	1.7	0.57
(5,931)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	3	1.62	1.7	0.57
(29,939)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	3	1.62	1.7	0.57
(29,939)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	3	1.62	1.7	0.57
(29,939)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	3	1.62	1.7	0.57
(29,939)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	3	1.62	1.7	0.57
(17,937)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	3	1.61	1.7	0.56
(17,937)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	3	1.61	1.7	0.56
(17,937)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	3	1.61	1.7	0.56
(17,937)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	3	1.61	1.7	0.56
(34,722)	1:44:A:GLU:HG2	1:48:A:ARG:HE	3	1.6	1.97	0.26
(34,722)	1:44:A:GLU:HG3	1:48:A:ARG:HE	3	1.6	1.97	0.26
(2,1218)	1:144:A:LEU:HD11	1:145:A:PRO:HD2	3	1.54	0.04	1.53
(2,1218)	1:144:A:LEU:HD12	1:145:A:PRO:HD2	3	1.54	0.04	1.53
(2,1218)	1:144:A:LEU:HD13	1:145:A:PRO:HD2	3	1.54	0.04	1.53
(6,1217)	1:144:A:LEU:HD11	1:145:A:PRO:HD2	3	1.54	0.04	1.53
(6,1217)	1:144:A:LEU:HD12	1:145:A:PRO:HD2	3	1.54	0.04	1.53
(6,1217)	1:144:A:LEU:HD13	1:145:A:PRO:HD2	3	1.54	0.04	1.53
(30,1221)	1:144:A:LEU:HD11	1:145:A:PRO:HD2	3	1.54	0.04	1.53
(30,1221)	1:144:A:LEU:HD12	1:145:A:PRO:HD2	3	1.54	0.04	1.53
(30,1221)	1:144:A:LEU:HD13	1:145:A:PRO:HD2	3	1.54	0.04	1.53
(34,1251)	1:144:A:LEU:HD11	1:145:A:PRO:HD2	3	1.54	0.04	1.53
(34,1251)	1:144:A:LEU:HD12	1:145:A:PRO:HD2	3	1.54	0.04	1.53
(34,1251)	1:144:A:LEU:HD13	1:145:A:PRO:HD2	3	1.54	0.04	1.53
(9,973)	1:15:A:ALA:HB1	1:134:A:VAL:HB	3	1.53	0.8	1.76
(9,973)	1:15:A:ALA:HB2	1:134:A:VAL:HB	3	1.53	0.8	1.76
(9,973)	1:15:A:ALA:HB3	1:134:A:VAL:HB	3	1.53	0.8	1.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,938)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	3	1.5	1.7	0.45
(18,938)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	3	1.5	1.7	0.45
(18,938)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	3	1.5	1.7	0.45
(18,938)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	3	1.5	1.7	0.45
(32,901)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	3	1.5	1.7	0.45
(32,901)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	3	1.5	1.7	0.45
(32,901)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	3	1.5	1.7	0.45
(32,901)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	3	1.5	1.7	0.45
(3,2174)	1:43:A:MET:HE1	1:134:A:VAL:HG11	3	1.49	0.53	1.29
(3,2174)	1:43:A:MET:HE1	1:134:A:VAL:HG12	3	1.49	0.53	1.29
(3,2174)	1:43:A:MET:HE1	1:134:A:VAL:HG13	3	1.49	0.53	1.29
(3,2174)	1:43:A:MET:HE1	1:134:A:VAL:HG21	3	1.49	0.53	1.29
(3,2174)	1:43:A:MET:HE1	1:134:A:VAL:HG22	3	1.49	0.53	1.29
(3,2174)	1:43:A:MET:HE1	1:134:A:VAL:HG23	3	1.49	0.53	1.29
(3,2174)	1:43:A:MET:HE2	1:134:A:VAL:HG11	3	1.49	0.53	1.29
(3,2174)	1:43:A:MET:HE2	1:134:A:VAL:HG12	3	1.49	0.53	1.29
(3,2174)	1:43:A:MET:HE2	1:134:A:VAL:HG13	3	1.49	0.53	1.29
(3,2174)	1:43:A:MET:HE2	1:134:A:VAL:HG21	3	1.49	0.53	1.29
(3,2174)	1:43:A:MET:HE2	1:134:A:VAL:HG22	3	1.49	0.53	1.29
(3,2174)	1:43:A:MET:HE2	1:134:A:VAL:HG23	3	1.49	0.53	1.29
(3,2174)	1:43:A:MET:HE3	1:134:A:VAL:HG11	3	1.49	0.53	1.29
(3,2174)	1:43:A:MET:HE3	1:134:A:VAL:HG12	3	1.49	0.53	1.29
(3,2174)	1:43:A:MET:HE3	1:134:A:VAL:HG13	3	1.49	0.53	1.29
(3,2174)	1:43:A:MET:HE3	1:134:A:VAL:HG21	3	1.49	0.53	1.29
(3,2174)	1:43:A:MET:HE3	1:134:A:VAL:HG22	3	1.49	0.53	1.29
(3,2174)	1:43:A:MET:HE3	1:134:A:VAL:HG23	3	1.49	0.53	1.29
(15,927)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	3	1.49	1.7	0.44
(15,927)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	3	1.49	1.7	0.44
(15,927)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	3	1.49	1.7	0.44
(15,927)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	3	1.49	1.7	0.44
(15,979)	1:15:A:ALA:HB1	1:134:A:VAL:HB	3	1.47	0.8	1.7
(15,979)	1:15:A:ALA:HB2	1:134:A:VAL:HB	3	1.47	0.8	1.7
(15,979)	1:15:A:ALA:HB3	1:134:A:VAL:HB	3	1.47	0.8	1.7
(18,988)	1:15:A:ALA:HB1	1:134:A:VAL:HB	3	1.47	0.8	1.7
(18,988)	1:15:A:ALA:HB2	1:134:A:VAL:HB	3	1.47	0.8	1.7
(18,988)	1:15:A:ALA:HB3	1:134:A:VAL:HB	3	1.47	0.8	1.7
(3,1372)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	3	1.46	0.41	1.41
(3,1372)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	3	1.46	0.41	1.41
(3,1372)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	3	1.46	0.41	1.41
(3,1372)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	3	1.46	0.41	1.41
(3,1372)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	3	1.46	0.41	1.41
(3,1372)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	3	1.46	0.41	1.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,911)	1:43:A:MET:H	1:44:A:GLU:HG2	3	1.44	0.04	1.43
(5,911)	1:43:A:MET:H	1:44:A:GLU:HG3	3	1.44	0.04	1.43
(3,1028)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	3	1.42	1.28	0.79
(3,1028)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	3	1.42	1.28	0.79
(3,1028)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	3	1.42	1.28	0.79
(1,722)	1:45:A:ALA:H	1:48:A:ARG:HE	3	1.39	1.61	0.37
(3,724)	1:45:A:ALA:H	1:48:A:ARG:HE	3	1.39	1.61	0.37
(5,715)	1:45:A:ALA:H	1:48:A:ARG:HE	3	1.39	1.61	0.37
(7,710)	1:45:A:ALA:H	1:48:A:ARG:HE	3	1.39	1.61	0.37
(9,711)	1:45:A:ALA:H	1:48:A:ARG:HE	3	1.39	1.61	0.37
(11,717)	1:45:A:ALA:H	1:48:A:ARG:HE	3	1.39	1.61	0.37
(16,723)	1:45:A:ALA:H	1:48:A:ARG:HE	3	1.39	1.61	0.37
(17,718)	1:45:A:ALA:H	1:48:A:ARG:HE	3	1.39	1.61	0.37
(18,729)	1:45:A:ALA:H	1:48:A:ARG:HE	3	1.39	1.61	0.37
(30,712)	1:45:A:ALA:H	1:48:A:ARG:HE	3	1.39	1.61	0.37
(32,697)	1:45:A:ALA:H	1:48:A:ARG:HE	3	1.39	1.61	0.37
(33,715)	1:45:A:ALA:H	1:48:A:ARG:HE	3	1.39	1.61	0.37
(34,725)	1:45:A:ALA:H	1:48:A:ARG:HE	3	1.39	1.61	0.37
(2,1263)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	3	1.39	0.41	1.34
(2,1263)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	3	1.39	0.41	1.34
(2,1263)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	3	1.39	0.41	1.34
(2,1263)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	3	1.39	0.41	1.34
(2,1263)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	3	1.39	0.41	1.34
(2,1263)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	3	1.39	0.41	1.34
(3,1155)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	3	1.39	0.01	1.39
(3,1155)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	3	1.39	0.01	1.39
(3,1155)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	3	1.39	0.01	1.39
(3,1477)	1:144:A:LEU:HD11	1:145:A:PRO:HD2	3	1.38	0.04	1.37
(3,1477)	1:144:A:LEU:HD12	1:145:A:PRO:HD2	3	1.38	0.04	1.37
(3,1477)	1:144:A:LEU:HD13	1:145:A:PRO:HD2	3	1.38	0.04	1.37
(29,167)	1:127:A:CYS:H	1:129:A:LYS:HG2	3	1.38	0.59	1.5
(4,2413)	1:129:A:LYS:HG2	1:130:A:GLY:HA2	3	1.38	0.08	1.41
(4,2413)	1:129:A:LYS:HG3	1:130:A:GLY:HA2	3	1.38	0.08	1.41
(7,1153)	1:39:A:VAL:HA	1:140:A:LEU:HD21	3	1.32	0.37	1.19
(7,1153)	1:39:A:VAL:HA	1:140:A:LEU:HD22	3	1.32	0.37	1.19
(7,1153)	1:39:A:VAL:HA	1:140:A:LEU:HD23	3	1.32	0.37	1.19
(9,1176)	1:39:A:VAL:HA	1:140:A:LEU:HD21	3	1.32	0.37	1.19
(9,1176)	1:39:A:VAL:HA	1:140:A:LEU:HD22	3	1.32	0.37	1.19
(9,1176)	1:39:A:VAL:HA	1:140:A:LEU:HD23	3	1.32	0.37	1.19
(16,1180)	1:39:A:VAL:HA	1:140:A:LEU:HD21	3	1.32	0.37	1.19
(16,1180)	1:39:A:VAL:HA	1:140:A:LEU:HD22	3	1.32	0.37	1.19
(16,1180)	1:39:A:VAL:HA	1:140:A:LEU:HD23	3	1.32	0.37	1.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,1013)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	3	1.31	1.28	0.68
(9,1013)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	3	1.31	1.28	0.68
(9,1013)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	3	1.31	1.28	0.68
(17,1634)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	3	1.31	1.28	0.68
(17,1634)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	3	1.31	1.28	0.68
(17,1634)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	3	1.31	1.28	0.68
(3,1531)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	3	1.3	0.84	1.56
(3,1531)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	3	1.3	0.84	1.56
(3,1531)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	3	1.3	0.84	1.56
(4,1489)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	3	1.3	0.84	1.56
(4,1489)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	3	1.3	0.84	1.56
(4,1489)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	3	1.3	0.84	1.56
(5,1526)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	3	1.3	0.84	1.56
(5,1526)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	3	1.3	0.84	1.56
(5,1526)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	3	1.3	0.84	1.56
(6,1504)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	3	1.3	0.84	1.56
(6,1504)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	3	1.3	0.84	1.56
(6,1504)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	3	1.3	0.84	1.56
(9,1504)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	3	1.3	0.84	1.56
(9,1504)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	3	1.3	0.84	1.56
(9,1504)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	3	1.3	0.84	1.56
(11,1529)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	3	1.3	0.84	1.56
(11,1529)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	3	1.3	0.84	1.56
(11,1529)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	3	1.3	0.84	1.56
(17,1532)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	3	1.3	0.84	1.56
(17,1532)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	3	1.3	0.84	1.56
(17,1532)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	3	1.3	0.84	1.56
(18,1499)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	3	1.3	0.84	1.56
(18,1499)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	3	1.3	0.84	1.56
(18,1499)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	3	1.3	0.84	1.56
(34,1524)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	3	1.3	0.84	1.56
(34,1524)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	3	1.3	0.84	1.56
(34,1524)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	3	1.3	0.84	1.56
(3,1792)	1:140:A:LEU:HD21	1:143:A:TRP:HD1	3	1.3	0.19	1.35
(3,1792)	1:140:A:LEU:HD22	1:143:A:TRP:HD1	3	1.3	0.19	1.35
(3,1792)	1:140:A:LEU:HD23	1:143:A:TRP:HD1	3	1.3	0.19	1.35
(32,1721)	1:140:A:LEU:HD21	1:143:A:TRP:HD1	3	1.3	0.19	1.35
(32,1721)	1:140:A:LEU:HD22	1:143:A:TRP:HD1	3	1.3	0.19	1.35
(32,1721)	1:140:A:LEU:HD23	1:143:A:TRP:HD1	3	1.3	0.19	1.35
(15,2411)	1:129:A:LYS:HG2	1:130:A:GLY:HA2	3	1.27	0.08	1.3
(15,2411)	1:129:A:LYS:HG3	1:130:A:GLY:HA2	3	1.27	0.08	1.3
(6,840)	1:60:A:LEU:HB3	1:63:A:ILE:HG13	3	1.22	0.84	1.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,847)	1:60:A:LEU:HB3	1:63:A:ILE:HG13	3	1.22	0.84	1.41
(2,580)	1:126:A:GLY:H	1:129:A:LYS:HG2	3	1.2	0.47	1.28
(18,456)	1:76:A:ARG:H	1:77:A:CYS:HB2	3	1.2	0.24	1.15
(2,332)	1:57:A:LEU:H	1:58:A:ILE:HG13	3	1.19	0.06	1.21
(6,333)	1:57:A:LEU:H	1:58:A:ILE:HG13	3	1.19	0.06	1.21
(7,334)	1:57:A:LEU:H	1:58:A:ILE:HG13	3	1.19	0.06	1.21
(9,346)	1:57:A:LEU:H	1:58:A:ILE:HG13	3	1.19	0.06	1.21
(13,332)	1:57:A:LEU:H	1:58:A:ILE:HG13	3	1.19	0.06	1.21
(30,337)	1:57:A:LEU:H	1:58:A:ILE:HG13	3	1.19	0.06	1.21
(34,344)	1:57:A:LEU:H	1:58:A:ILE:HG13	3	1.19	0.06	1.21
(3,1193)	1:39:A:VAL:HA	1:140:A:LEU:HD21	3	1.17	0.37	1.04
(3,1193)	1:39:A:VAL:HA	1:140:A:LEU:HD22	3	1.17	0.37	1.04
(3,1193)	1:39:A:VAL:HA	1:140:A:LEU:HD23	3	1.17	0.37	1.04
(3,1253)	1:143:A:TRP:HD1	1:144:A:LEU:HD21	3	1.17	0.12	1.1
(3,1253)	1:143:A:TRP:HD1	1:144:A:LEU:HD22	3	1.17	0.12	1.1
(3,1253)	1:143:A:TRP:HD1	1:144:A:LEU:HD23	3	1.17	0.12	1.1
(18,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD21	3	1.17	0.37	1.04
(18,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD22	3	1.17	0.37	1.04
(18,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD23	3	1.17	0.37	1.04
(18,1339)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	3	1.16	0.41	1.11
(18,1339)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	3	1.16	0.41	1.11
(18,1339)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	3	1.16	0.41	1.11
(18,1339)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	3	1.16	0.41	1.11
(18,1339)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	3	1.16	0.41	1.11
(18,1339)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	3	1.16	0.41	1.11
(13,2077)	1:40:A:LEU:HA	1:44:A:GLU:HG2	3	1.16	0.1	1.21
(13,2077)	1:40:A:LEU:HA	1:44:A:GLU:HG3	3	1.16	0.1	1.21
(15,2100)	1:40:A:LEU:HA	1:44:A:GLU:HG2	3	1.16	0.1	1.21
(15,2100)	1:40:A:LEU:HA	1:44:A:GLU:HG3	3	1.16	0.1	1.21
(2,959)	1:11:A:ILE:HG12	1:14:A:VAL:HB	3	1.15	0.89	0.95
(1,2138)	1:43:A:MET:HE1	1:131:A:LEU:HD11	3	1.13	0.77	0.71
(1,2138)	1:43:A:MET:HE1	1:131:A:LEU:HD12	3	1.13	0.77	0.71
(1,2138)	1:43:A:MET:HE1	1:131:A:LEU:HD13	3	1.13	0.77	0.71
(1,2138)	1:43:A:MET:HE1	1:131:A:LEU:HD21	3	1.13	0.77	0.71
(1,2138)	1:43:A:MET:HE1	1:131:A:LEU:HD22	3	1.13	0.77	0.71
(1,2138)	1:43:A:MET:HE1	1:131:A:LEU:HD23	3	1.13	0.77	0.71
(1,2138)	1:43:A:MET:HE2	1:131:A:LEU:HD11	3	1.13	0.77	0.71
(1,2138)	1:43:A:MET:HE2	1:131:A:LEU:HD12	3	1.13	0.77	0.71
(1,2138)	1:43:A:MET:HE2	1:131:A:LEU:HD13	3	1.13	0.77	0.71
(1,2138)	1:43:A:MET:HE2	1:131:A:LEU:HD21	3	1.13	0.77	0.71
(1,2138)	1:43:A:MET:HE2	1:131:A:LEU:HD22	3	1.13	0.77	0.71
(1,2138)	1:43:A:MET:HE2	1:131:A:LEU:HD23	3	1.13	0.77	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2138)	1:43:A:MET:HE3	1:131:A:LEU:HD11	3	1.13	0.77	0.71
(1,2138)	1:43:A:MET:HE3	1:131:A:LEU:HD12	3	1.13	0.77	0.71
(1,2138)	1:43:A:MET:HE3	1:131:A:LEU:HD13	3	1.13	0.77	0.71
(1,2138)	1:43:A:MET:HE3	1:131:A:LEU:HD21	3	1.13	0.77	0.71
(1,2138)	1:43:A:MET:HE3	1:131:A:LEU:HD22	3	1.13	0.77	0.71
(1,2138)	1:43:A:MET:HE3	1:131:A:LEU:HD23	3	1.13	0.77	0.71
(3,2173)	1:43:A:MET:HE1	1:131:A:LEU:HD11	3	1.13	0.77	0.71
(3,2173)	1:43:A:MET:HE1	1:131:A:LEU:HD12	3	1.13	0.77	0.71
(3,2173)	1:43:A:MET:HE1	1:131:A:LEU:HD13	3	1.13	0.77	0.71
(3,2173)	1:43:A:MET:HE1	1:131:A:LEU:HD21	3	1.13	0.77	0.71
(3,2173)	1:43:A:MET:HE1	1:131:A:LEU:HD22	3	1.13	0.77	0.71
(3,2173)	1:43:A:MET:HE1	1:131:A:LEU:HD23	3	1.13	0.77	0.71
(3,2173)	1:43:A:MET:HE2	1:131:A:LEU:HD11	3	1.13	0.77	0.71
(3,2173)	1:43:A:MET:HE2	1:131:A:LEU:HD12	3	1.13	0.77	0.71
(3,2173)	1:43:A:MET:HE2	1:131:A:LEU:HD13	3	1.13	0.77	0.71
(3,2173)	1:43:A:MET:HE2	1:131:A:LEU:HD21	3	1.13	0.77	0.71
(3,2173)	1:43:A:MET:HE2	1:131:A:LEU:HD22	3	1.13	0.77	0.71
(3,2173)	1:43:A:MET:HE2	1:131:A:LEU:HD23	3	1.13	0.77	0.71
(3,2173)	1:43:A:MET:HE3	1:131:A:LEU:HD11	3	1.13	0.77	0.71
(3,2173)	1:43:A:MET:HE3	1:131:A:LEU:HD12	3	1.13	0.77	0.71
(3,2173)	1:43:A:MET:HE3	1:131:A:LEU:HD13	3	1.13	0.77	0.71
(3,2173)	1:43:A:MET:HE3	1:131:A:LEU:HD21	3	1.13	0.77	0.71
(3,2173)	1:43:A:MET:HE3	1:131:A:LEU:HD22	3	1.13	0.77	0.71
(3,2173)	1:43:A:MET:HE3	1:131:A:LEU:HD23	3	1.13	0.77	0.71
(7,2027)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	3	1.12	0.34	0.99
(7,2027)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	3	1.12	0.34	0.99
(7,2027)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	3	1.12	0.34	0.99
(7,2027)	1:31:A:PRO:HD2	1:144:A:LEU:HD21	3	1.12	0.34	0.99
(7,2027)	1:31:A:PRO:HD2	1:144:A:LEU:HD22	3	1.12	0.34	0.99
(7,2027)	1:31:A:PRO:HD2	1:144:A:LEU:HD23	3	1.12	0.34	0.99
(7,2027)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	3	1.12	0.34	0.99
(7,2027)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	3	1.12	0.34	0.99
(7,2027)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	3	1.12	0.34	0.99
(7,2027)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	3	1.12	0.34	0.99
(7,2027)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	3	1.12	0.34	0.99
(7,2027)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	3	1.12	0.34	0.99
(15,575)	1:63:A:ILE:HG21	1:116:A:GLN:H	3	1.12	0.63	1.01
(15,575)	1:63:A:ILE:HG22	1:116:A:GLN:H	3	1.12	0.63	1.01
(15,575)	1:63:A:ILE:HG23	1:116:A:GLN:H	3	1.12	0.63	1.01
(18,1139)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	3	1.12	0.01	1.12
(18,1139)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	3	1.12	0.01	1.12
(18,1139)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	3	1.12	0.01	1.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,1095)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	3	1.12	0.01	1.12
(32,1095)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	3	1.12	0.01	1.12
(32,1095)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	3	1.12	0.01	1.12
(2,1123)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	3	1.11	0.02	1.11
(2,1123)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	3	1.11	0.02	1.11
(2,1123)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	3	1.11	0.02	1.11
(4,1115)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	3	1.11	0.02	1.11
(4,1115)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	3	1.11	0.02	1.11
(4,1115)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	3	1.11	0.02	1.11
(6,1119)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	3	1.11	0.02	1.11
(6,1119)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	3	1.11	0.02	1.11
(6,1119)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	3	1.11	0.02	1.11
(11,1143)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	3	1.11	0.02	1.11
(11,1143)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	3	1.11	0.02	1.11
(11,1143)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	3	1.11	0.02	1.11
(18,1538)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	3	1.11	0.02	1.11
(18,1538)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	3	1.11	0.02	1.11
(18,1538)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	3	1.11	0.02	1.11
(30,1125)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	3	1.11	0.02	1.11
(30,1125)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	3	1.11	0.02	1.11
(30,1125)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	3	1.11	0.02	1.11
(32,1510)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	3	1.11	0.02	1.11
(32,1510)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	3	1.11	0.02	1.11
(32,1510)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	3	1.11	0.02	1.11
(34,1159)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	3	1.11	0.02	1.11
(34,1159)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	3	1.11	0.02	1.11
(34,1159)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	3	1.11	0.02	1.11
(32,556)	1:63:A:ILE:HG21	1:116:A:GLN:H	3	1.09	0.63	0.98
(32,556)	1:63:A:ILE:HG22	1:116:A:GLN:H	3	1.09	0.63	0.98
(32,556)	1:63:A:ILE:HG23	1:116:A:GLN:H	3	1.09	0.63	0.98
(33,565)	1:63:A:ILE:HG21	1:116:A:GLN:H	3	1.09	0.63	0.98
(33,565)	1:63:A:ILE:HG22	1:116:A:GLN:H	3	1.09	0.63	0.98
(33,565)	1:63:A:ILE:HG23	1:116:A:GLN:H	3	1.09	0.63	0.98
(32,2119)	1:41:A:LYS:HG2	1:44:A:GLU:HG2	3	1.07	0.14	1.09
(32,2119)	1:41:A:LYS:HG2	1:44:A:GLU:HG3	3	1.07	0.14	1.09
(32,2119)	1:41:A:LYS:HG3	1:44:A:GLU:HG2	3	1.07	0.14	1.09
(32,2119)	1:41:A:LYS:HG3	1:44:A:GLU:HG3	3	1.07	0.14	1.09
(2,1125)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	3	1.07	1.21	0.25
(2,1125)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	3	1.07	1.21	0.25
(2,1125)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	3	1.07	1.21	0.25
(2,1125)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	3	1.07	1.21	0.25
(2,1125)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	3	1.07	1.21	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,1125)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	3	1.07	1.21	0.25
(16,1545)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	3	1.07	1.21	0.25
(16,1545)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	3	1.07	1.21	0.25
(16,1545)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	3	1.07	1.21	0.25
(16,1545)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	3	1.07	1.21	0.25
(16,1545)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	3	1.07	1.21	0.25
(16,1545)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	3	1.07	1.21	0.25
(2,1559)	1:143:A:TRP:HD1	1:144:A:LEU:HD21	3	1.06	0.12	0.99
(2,1559)	1:143:A:TRP:HD1	1:144:A:LEU:HD22	3	1.06	0.12	0.99
(2,1559)	1:143:A:TRP:HD1	1:144:A:LEU:HD23	3	1.06	0.12	0.99
(11,1576)	1:143:A:TRP:HD1	1:144:A:LEU:HD21	3	1.06	0.12	0.99
(11,1576)	1:143:A:TRP:HD1	1:144:A:LEU:HD22	3	1.06	0.12	0.99
(11,1576)	1:143:A:TRP:HD1	1:144:A:LEU:HD23	3	1.06	0.12	0.99
(30,1549)	1:143:A:TRP:HD1	1:144:A:LEU:HD21	3	1.06	0.12	0.99
(30,1549)	1:143:A:TRP:HD1	1:144:A:LEU:HD22	3	1.06	0.12	0.99
(30,1549)	1:143:A:TRP:HD1	1:144:A:LEU:HD23	3	1.06	0.12	0.99
(1,2058)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	3	1.05	0.34	0.92
(1,2058)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	3	1.05	0.34	0.92
(1,2058)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	3	1.05	0.34	0.92
(1,2058)	1:31:A:PRO:HD2	1:144:A:LEU:HD21	3	1.05	0.34	0.92
(1,2058)	1:31:A:PRO:HD2	1:144:A:LEU:HD22	3	1.05	0.34	0.92
(1,2058)	1:31:A:PRO:HD2	1:144:A:LEU:HD23	3	1.05	0.34	0.92
(1,2058)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	3	1.05	0.34	0.92
(1,2058)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	3	1.05	0.34	0.92
(1,2058)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	3	1.05	0.34	0.92
(1,2058)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	3	1.05	0.34	0.92
(1,2058)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	3	1.05	0.34	0.92
(1,2058)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	3	1.05	0.34	0.92
(6,1163)	1:39:A:VAL:HA	1:140:A:LEU:HD21	3	1.05	0.37	0.92
(6,1163)	1:39:A:VAL:HA	1:140:A:LEU:HD22	3	1.05	0.37	0.92
(6,1163)	1:39:A:VAL:HA	1:140:A:LEU:HD23	3	1.05	0.37	0.92
(2,1469)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	3	1.04	0.16	1.05
(2,1469)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	3	1.04	0.16	1.05
(2,1469)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	3	1.04	0.16	1.05
(2,1469)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	3	1.04	0.16	1.05
(2,1469)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	3	1.04	0.16	1.05
(2,1469)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	3	1.04	0.16	1.05
(2,1469)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	3	1.04	0.16	1.05
(2,1469)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	3	1.04	0.16	1.05
(2,1469)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	3	1.04	0.16	1.05
(1,572)	1:63:A:ILE:HG21	1:116:A:GLN:H	3	1.02	0.63	0.91
(1,572)	1:63:A:ILE:HG22	1:116:A:GLN:H	3	1.02	0.63	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,572)	1:63:A:ILE:HG23	1:116:A:GLN:H	3	1.02	0.63	0.91
(30,568)	1:63:A:ILE:HG21	1:116:A:GLN:H	3	1.02	0.63	0.91
(30,568)	1:63:A:ILE:HG22	1:116:A:GLN:H	3	1.02	0.63	0.91
(30,568)	1:63:A:ILE:HG23	1:116:A:GLN:H	3	1.02	0.63	0.91
(2,2315)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	3	1.0	0.65	1.2
(2,2315)	1:98:A:ILE:HG21	1:116:A:GLN:HG3	3	1.0	0.65	1.2
(2,2315)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	3	1.0	0.65	1.2
(2,2315)	1:98:A:ILE:HG22	1:116:A:GLN:HG3	3	1.0	0.65	1.2
(2,2315)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	3	1.0	0.65	1.2
(2,2315)	1:98:A:ILE:HG23	1:116:A:GLN:HG3	3	1.0	0.65	1.2
(7,2272)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	3	1.0	0.65	1.2
(7,2272)	1:98:A:ILE:HG21	1:116:A:GLN:HG3	3	1.0	0.65	1.2
(7,2272)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	3	1.0	0.65	1.2
(7,2272)	1:98:A:ILE:HG22	1:116:A:GLN:HG3	3	1.0	0.65	1.2
(7,2272)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	3	1.0	0.65	1.2
(7,2272)	1:98:A:ILE:HG23	1:116:A:GLN:HG3	3	1.0	0.65	1.2
(33,2305)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	3	1.0	0.65	1.2
(33,2305)	1:98:A:ILE:HG21	1:116:A:GLN:HG3	3	1.0	0.65	1.2
(33,2305)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	3	1.0	0.65	1.2
(33,2305)	1:98:A:ILE:HG22	1:116:A:GLN:HG3	3	1.0	0.65	1.2
(33,2305)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	3	1.0	0.65	1.2
(33,2305)	1:98:A:ILE:HG23	1:116:A:GLN:HG3	3	1.0	0.65	1.2
(32,1970)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	3	1.0	0.47	1.01
(32,1970)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	3	1.0	0.47	1.01
(32,1970)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	3	1.0	0.47	1.01
(32,1970)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	3	1.0	0.47	1.01
(32,1970)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	3	1.0	0.47	1.01
(32,1970)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	3	1.0	0.47	1.01
(32,1970)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	3	1.0	0.47	1.01
(32,1970)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	3	1.0	0.47	1.01
(32,1970)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	3	1.0	0.47	1.01
(32,1970)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	3	1.0	0.47	1.01
(32,1970)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	3	1.0	0.47	1.01
(32,1970)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	3	1.0	0.47	1.01
(32,1970)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	3	1.0	0.47	1.01
(32,1970)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	3	1.0	0.47	1.01
(32,1970)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	3	1.0	0.47	1.01
(32,1970)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	3	1.0	0.47	1.01
(32,1970)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	3	1.0	0.47	1.01
(32,1970)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	3	1.0	0.47	1.01
(34,1909)	1:150:A:THR:H	1:151:A:PHE:HD1	3	0.99	0.39	1.17
(34,1909)	1:150:A:THR:H	1:151:A:PHE:HD2	3	0.99	0.39	1.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,1521)	1:114:A:ILE:HG21	1:117:A:VAL:HB	3	0.98	0.61	1.38
(3,1521)	1:114:A:ILE:HG22	1:117:A:VAL:HB	3	0.98	0.61	1.38
(3,1521)	1:114:A:ILE:HG23	1:117:A:VAL:HB	3	0.98	0.61	1.38
(3,1594)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	3	0.98	0.36	0.85
(3,1594)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	3	0.98	0.36	0.85
(3,1594)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	3	0.98	0.36	0.85
(17,1520)	1:114:A:ILE:HG21	1:117:A:VAL:HB	3	0.98	0.61	1.38
(17,1520)	1:114:A:ILE:HG22	1:117:A:VAL:HB	3	0.98	0.61	1.38
(17,1520)	1:114:A:ILE:HG23	1:117:A:VAL:HB	3	0.98	0.61	1.38
(32,1456)	1:114:A:ILE:HG21	1:117:A:VAL:HB	3	0.98	0.61	1.38
(32,1456)	1:114:A:ILE:HG22	1:117:A:VAL:HB	3	0.98	0.61	1.38
(32,1456)	1:114:A:ILE:HG23	1:117:A:VAL:HB	3	0.98	0.61	1.38
(2,2262)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	3	0.97	0.34	1.04
(2,2262)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	3	0.97	0.34	1.04
(5,2234)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	3	0.97	0.34	1.04
(5,2234)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	3	0.97	0.34	1.04
(11,2245)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	3	0.97	0.34	1.04
(11,2245)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	3	0.97	0.34	1.04
(13,2208)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	3	0.97	0.34	1.04
(13,2208)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	3	0.97	0.34	1.04
(15,2220)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	3	0.97	0.34	1.04
(15,2220)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	3	0.97	0.34	1.04
(30,2242)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	3	0.97	0.34	1.04
(30,2242)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	3	0.97	0.34	1.04
(32,2236)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	3	0.97	0.34	1.04
(32,2236)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	3	0.97	0.34	1.04
(34,1263)	1:43:A:MET:HG2	1:140:A:LEU:HD11	3	0.97	0.7	0.94
(34,1263)	1:43:A:MET:HG2	1:140:A:LEU:HD12	3	0.97	0.7	0.94
(34,1263)	1:43:A:MET:HG2	1:140:A:LEU:HD13	3	0.97	0.7	0.94
(30,1716)	1:67:A:PRO:HD3	1:96:A:VAL:HG11	3	0.97	0.3	1.01
(30,1716)	1:67:A:PRO:HD3	1:96:A:VAL:HG12	3	0.97	0.3	1.01
(30,1716)	1:67:A:PRO:HD3	1:96:A:VAL:HG13	3	0.97	0.3	1.01
(32,1666)	1:67:A:PRO:HD3	1:96:A:VAL:HG11	3	0.97	0.3	1.01
(32,1666)	1:67:A:PRO:HD3	1:96:A:VAL:HG12	3	0.97	0.3	1.01
(32,1666)	1:67:A:PRO:HD3	1:96:A:VAL:HG13	3	0.97	0.3	1.01
(6,1343)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	3	0.96	0.41	0.91
(6,1343)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	3	0.96	0.41	0.91
(6,1343)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	3	0.96	0.41	0.91
(6,1343)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	3	0.96	0.41	0.91
(6,1343)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	3	0.96	0.41	0.91
(6,1343)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	3	0.96	0.41	0.91
(5,1481)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	3	0.96	0.16	0.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,1481)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	3	0.96	0.16	0.97
(5,1481)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	3	0.96	0.16	0.97
(5,1481)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	3	0.96	0.16	0.97
(5,1481)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	3	0.96	0.16	0.97
(5,1481)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	3	0.96	0.16	0.97
(5,1481)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	3	0.96	0.16	0.97
(5,1481)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	3	0.96	0.16	0.97
(5,1481)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	3	0.96	0.16	0.97
(13,1435)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	3	0.95	0.16	0.96
(13,1435)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	3	0.95	0.16	0.96
(13,1435)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	3	0.95	0.16	0.96
(13,1435)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	3	0.95	0.16	0.96
(13,1435)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	3	0.95	0.16	0.96
(13,1435)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	3	0.95	0.16	0.96
(13,1435)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	3	0.95	0.16	0.96
(13,1435)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	3	0.95	0.16	0.96
(13,1435)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	3	0.95	0.16	0.96
(13,1688)	1:13:A:ALA:HA	1:79:A:THR:HG21	3	0.93	0.91	0.39
(13,1688)	1:13:A:ALA:HA	1:79:A:THR:HG22	3	0.93	0.91	0.39
(13,1688)	1:13:A:ALA:HA	1:79:A:THR:HG23	3	0.93	0.91	0.39
(15,1173)	1:39:A:VAL:HA	1:140:A:LEU:HD21	3	0.93	0.37	0.8
(15,1173)	1:39:A:VAL:HA	1:140:A:LEU:HD22	3	0.93	0.37	0.8
(15,1173)	1:39:A:VAL:HA	1:140:A:LEU:HD23	3	0.93	0.37	0.8
(17,1184)	1:39:A:VAL:HA	1:140:A:LEU:HD21	3	0.93	0.37	0.8
(17,1184)	1:39:A:VAL:HA	1:140:A:LEU:HD22	3	0.93	0.37	0.8
(17,1184)	1:39:A:VAL:HA	1:140:A:LEU:HD23	3	0.93	0.37	0.8
(29,1740)	1:13:A:ALA:HA	1:79:A:THR:HG21	3	0.93	0.91	0.39
(29,1740)	1:13:A:ALA:HA	1:79:A:THR:HG22	3	0.93	0.91	0.39
(29,1740)	1:13:A:ALA:HA	1:79:A:THR:HG23	3	0.93	0.91	0.39
(30,1461)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	3	0.93	0.16	0.94
(30,1461)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	3	0.93	0.16	0.94
(30,1461)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	3	0.93	0.16	0.94
(30,1461)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	3	0.93	0.16	0.94
(30,1461)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	3	0.93	0.16	0.94
(30,1461)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	3	0.93	0.16	0.94
(30,1461)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	3	0.93	0.16	0.94
(30,1461)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	3	0.93	0.16	0.94
(30,1461)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	3	0.93	0.16	0.94
(32,1135)	1:39:A:VAL:HA	1:140:A:LEU:HD21	3	0.93	0.37	0.8
(32,1135)	1:39:A:VAL:HA	1:140:A:LEU:HD22	3	0.93	0.37	0.8
(32,1135)	1:39:A:VAL:HA	1:140:A:LEU:HD23	3	0.93	0.37	0.8
(34,1198)	1:39:A:VAL:HA	1:140:A:LEU:HD21	3	0.93	0.37	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,1198)	1:39:A:VAL:HA	1:140:A:LEU:HD22	3	0.93	0.37	0.8
(34,1198)	1:39:A:VAL:HA	1:140:A:LEU:HD23	3	0.93	0.37	0.8
(2,806)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(2,806)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(2,806)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(3,830)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(3,830)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(3,830)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(4,806)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(4,806)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(4,806)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(5,810)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(5,810)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(5,810)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(6,811)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(6,811)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(6,811)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(7,801)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(7,801)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(7,801)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(9,808)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(9,808)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(9,808)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(11,808)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(11,808)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(11,808)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(13,795)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(13,795)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(13,795)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(16,825)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(16,825)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(16,825)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(17,819)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(17,819)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(17,819)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(18,822)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(18,822)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(18,822)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(29,825)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(29,825)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(29,825)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(30,806)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.92	0.11	0.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,806)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(30,806)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(33,813)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(33,813)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(33,813)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(34,817)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(34,817)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(34,817)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.92	0.11	0.99
(33,1756)	1:140:A:LEU:HD11	1:143:A:TRP:H	3	0.92	0.32	1.05
(33,1756)	1:140:A:LEU:HD12	1:143:A:TRP:H	3	0.92	0.32	1.05
(33,1756)	1:140:A:LEU:HD13	1:143:A:TRP:H	3	0.92	0.32	1.05
(9,817)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	3	0.91	0.53	1.01
(9,817)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	3	0.91	0.53	1.01
(9,817)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	3	0.91	0.53	1.01
(17,829)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	3	0.91	0.53	1.01
(17,829)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	3	0.91	0.53	1.01
(17,829)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	3	0.91	0.53	1.01
(29,834)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	3	0.91	0.53	1.01
(29,834)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	3	0.91	0.53	1.01
(29,834)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	3	0.91	0.53	1.01
(11,1242)	1:144:A:LEU:HD11	1:145:A:PRO:HD2	3	0.91	0.04	0.9
(11,1242)	1:144:A:LEU:HD12	1:145:A:PRO:HD2	3	0.91	0.04	0.9
(11,1242)	1:144:A:LEU:HD13	1:145:A:PRO:HD2	3	0.91	0.04	0.9
(1,1469)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	3	0.91	0.16	0.92
(1,1469)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	3	0.91	0.16	0.92
(1,1469)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	3	0.91	0.16	0.92
(1,1469)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	3	0.91	0.16	0.92
(1,1469)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	3	0.91	0.16	0.92
(1,1469)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	3	0.91	0.16	0.92
(1,1469)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	3	0.91	0.16	0.92
(1,1469)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	3	0.91	0.16	0.92
(1,1469)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	3	0.91	0.16	0.92
(13,785)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	3	0.9	0.16	0.93
(13,785)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	3	0.9	0.16	0.93
(13,785)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	3	0.9	0.16	0.93
(4,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD11	3	0.9	0.77	0.48
(4,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD12	3	0.9	0.77	0.48
(4,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD13	3	0.9	0.77	0.48
(4,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD21	3	0.9	0.77	0.48
(4,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD22	3	0.9	0.77	0.48
(4,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD23	3	0.9	0.77	0.48
(4,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD11	3	0.9	0.77	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD12	3	0.9	0.77	0.48
(4,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD13	3	0.9	0.77	0.48
(4,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD21	3	0.9	0.77	0.48
(4,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD22	3	0.9	0.77	0.48
(4,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD23	3	0.9	0.77	0.48
(4,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD11	3	0.9	0.77	0.48
(4,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD12	3	0.9	0.77	0.48
(4,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD13	3	0.9	0.77	0.48
(4,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD21	3	0.9	0.77	0.48
(4,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD22	3	0.9	0.77	0.48
(4,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD23	3	0.9	0.77	0.48
(32,1425)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	3	0.9	0.16	0.91
(32,1425)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	3	0.9	0.16	0.91
(32,1425)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	3	0.9	0.16	0.91
(32,1425)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	3	0.9	0.16	0.91
(32,1425)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	3	0.9	0.16	0.91
(32,1425)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	3	0.9	0.16	0.91
(32,1425)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	3	0.9	0.16	0.91
(32,1425)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	3	0.9	0.16	0.91
(32,1425)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	3	0.9	0.16	0.91
(33,1457)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	3	0.9	0.16	0.91
(33,1457)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	3	0.9	0.16	0.91
(33,1457)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	3	0.9	0.16	0.91
(33,1457)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	3	0.9	0.16	0.91
(33,1457)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	3	0.9	0.16	0.91
(33,1457)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	3	0.9	0.16	0.91
(33,1457)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	3	0.9	0.16	0.91
(33,1457)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	3	0.9	0.16	0.91
(33,1457)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	3	0.9	0.16	0.91
(4,794)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	3	0.89	0.16	0.92
(4,794)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	3	0.89	0.16	0.92
(4,794)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	3	0.89	0.16	0.92
(11,1628)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	3	0.89	0.26	0.94
(11,1628)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	3	0.89	0.26	0.94
(11,1628)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	3	0.89	0.26	0.94
(11,1628)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	3	0.89	0.26	0.94
(11,1628)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	3	0.89	0.26	0.94
(11,1628)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	3	0.89	0.26	0.94
(15,1453)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	3	0.89	0.16	0.9
(15,1453)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	3	0.89	0.16	0.9
(15,1453)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	3	0.89	0.16	0.9
(15,1453)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	3	0.89	0.16	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,1453)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	3	0.89	0.16	0.9
(15,1453)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	3	0.89	0.16	0.9
(15,1453)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	3	0.89	0.16	0.9
(15,1453)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	3	0.89	0.16	0.9
(15,1453)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	3	0.89	0.16	0.9
(29,1467)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	3	0.88	0.16	0.89
(29,1467)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	3	0.88	0.16	0.89
(29,1467)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	3	0.88	0.16	0.89
(29,1467)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	3	0.88	0.16	0.89
(29,1467)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	3	0.88	0.16	0.89
(29,1467)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	3	0.88	0.16	0.89
(29,1467)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	3	0.88	0.16	0.89
(29,1467)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	3	0.88	0.16	0.89
(29,1467)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	3	0.88	0.16	0.89
(13,1565)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	3	0.87	0.26	0.92
(13,1565)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	3	0.87	0.26	0.92
(13,1565)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	3	0.87	0.26	0.92
(13,1565)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	3	0.87	0.26	0.92
(13,1565)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	3	0.87	0.26	0.92
(13,1565)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	3	0.87	0.26	0.92
(7,1439)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	3	0.87	0.16	0.88
(7,1439)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	3	0.87	0.16	0.88
(7,1439)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	3	0.87	0.16	0.88
(7,1439)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	3	0.87	0.16	0.88
(7,1439)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	3	0.87	0.16	0.88
(7,1439)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	3	0.87	0.16	0.88
(7,1439)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	3	0.87	0.16	0.88
(7,1439)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	3	0.87	0.16	0.88
(7,1439)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	3	0.87	0.16	0.88
(13,2099)	1:44:A:GLU:H	1:44:A:GLU:HG2	3	0.87	0.09	0.91
(13,2099)	1:44:A:GLU:H	1:44:A:GLU:HG3	3	0.87	0.09	0.91
(15,2124)	1:44:A:GLU:H	1:44:A:GLU:HG2	3	0.87	0.09	0.91
(15,2124)	1:44:A:GLU:H	1:44:A:GLU:HG3	3	0.87	0.09	0.91
(33,2025)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	3	0.86	0.27	1.01
(33,2025)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	3	0.86	0.27	1.01
(33,2025)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	3	0.86	0.27	1.01
(33,2025)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	3	0.86	0.27	1.01
(33,2025)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	3	0.86	0.27	1.01
(33,2025)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	3	0.86	0.27	1.01
(33,2025)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	3	0.86	0.27	1.01
(33,2025)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	3	0.86	0.27	1.01
(33,2025)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	3	0.86	0.27	1.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,2025)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	3	0.86	0.27	1.01
(33,2025)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	3	0.86	0.27	1.01
(33,2025)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	3	0.86	0.27	1.01
(3,1255)	1:43:A:MET:H	1:140:A:LEU:HD11	3	0.86	0.38	0.7
(3,1255)	1:43:A:MET:H	1:140:A:LEU:HD12	3	0.86	0.38	0.7
(3,1255)	1:43:A:MET:H	1:140:A:LEU:HD13	3	0.86	0.38	0.7
(11,1482)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	3	0.86	0.16	0.87
(11,1482)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	3	0.86	0.16	0.87
(11,1482)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	3	0.86	0.16	0.87
(11,1482)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	3	0.86	0.16	0.87
(11,1482)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	3	0.86	0.16	0.87
(11,1482)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	3	0.86	0.16	0.87
(11,1482)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	3	0.86	0.16	0.87
(11,1482)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	3	0.86	0.16	0.87
(11,1482)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	3	0.86	0.16	0.87
(34,1476)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	3	0.86	0.16	0.87
(34,1476)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	3	0.86	0.16	0.87
(34,1476)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	3	0.86	0.16	0.87
(34,1476)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	3	0.86	0.16	0.87
(34,1476)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	3	0.86	0.16	0.87
(34,1476)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	3	0.86	0.16	0.87
(34,1476)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	3	0.86	0.16	0.87
(34,1476)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	3	0.86	0.16	0.87
(34,1476)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	3	0.86	0.16	0.87
(2,2172)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	3	0.86	0.44	0.66
(2,2172)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	3	0.86	0.44	0.66
(2,2172)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	3	0.86	0.44	0.66
(2,2172)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	3	0.86	0.44	0.66
(2,2172)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	3	0.86	0.44	0.66
(2,2172)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	3	0.86	0.44	0.66
(15,2129)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	3	0.86	0.44	0.66
(15,2129)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	3	0.86	0.44	0.66
(15,2129)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	3	0.86	0.44	0.66
(15,2129)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	3	0.86	0.44	0.66
(15,2129)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	3	0.86	0.44	0.66
(15,2129)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	3	0.86	0.44	0.66
(16,2159)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	3	0.86	0.44	0.66
(16,2159)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	3	0.86	0.44	0.66
(16,2159)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	3	0.86	0.44	0.66
(16,2159)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	3	0.86	0.44	0.66
(16,2159)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	3	0.86	0.44	0.66
(16,2159)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	3	0.86	0.44	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,2153)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	3	0.86	0.44	0.66
(18,2153)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	3	0.86	0.44	0.66
(18,2153)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	3	0.86	0.44	0.66
(18,2153)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	3	0.86	0.44	0.66
(18,2153)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	3	0.86	0.44	0.66
(18,2153)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	3	0.86	0.44	0.66
(32,2144)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	3	0.86	0.44	0.66
(32,2144)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	3	0.86	0.44	0.66
(32,2144)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	3	0.86	0.44	0.66
(32,2144)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	3	0.86	0.44	0.66
(32,2144)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	3	0.86	0.44	0.66
(32,2144)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	3	0.86	0.44	0.66
(3,409)	1:119:A:LEU:H	1:119:A:LEU:HG	3	0.84	0.31	0.97
(18,417)	1:119:A:LEU:H	1:119:A:LEU:HG	3	0.84	0.31	0.97
(32,2115)	1:41:A:LYS:H	1:44:A:GLU:HG2	3	0.84	0.15	0.76
(32,2115)	1:41:A:LYS:H	1:44:A:GLU:HG3	3	0.84	0.15	0.76
(1,1098)	1:136:A:CYS:HB2	1:141:A:LYS:HA	3	0.83	0.56	0.49
(3,1106)	1:136:A:CYS:HB2	1:141:A:LYS:HA	3	0.83	0.56	0.49
(13,804)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	3	0.83	0.53	0.93
(13,804)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	3	0.83	0.53	0.93
(13,804)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	3	0.83	0.53	0.93
(7,815)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	3	0.83	0.44	0.75
(7,815)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	3	0.83	0.44	0.75
(7,815)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	3	0.83	0.44	0.75
(7,815)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	3	0.83	0.44	0.75
(7,815)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	3	0.83	0.44	0.75
(7,815)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	3	0.83	0.44	0.75
(9,822)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	3	0.83	0.44	0.75
(9,822)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	3	0.83	0.44	0.75
(9,822)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	3	0.83	0.44	0.75
(9,822)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	3	0.83	0.44	0.75
(9,822)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	3	0.83	0.44	0.75
(9,822)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	3	0.83	0.44	0.75
(11,823)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	3	0.83	0.44	0.75
(11,823)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	3	0.83	0.44	0.75
(11,823)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	3	0.83	0.44	0.75
(11,823)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	3	0.83	0.44	0.75
(11,823)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	3	0.83	0.44	0.75
(11,823)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	3	0.83	0.44	0.75
(15,830)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	3	0.83	0.44	0.75
(15,830)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	3	0.83	0.44	0.75
(15,830)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	3	0.83	0.44	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,830)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	3	0.83	0.44	0.75
(15,830)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	3	0.83	0.44	0.75
(15,830)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	3	0.83	0.44	0.75
(16,834)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	3	0.83	0.44	0.75
(16,834)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	3	0.83	0.44	0.75
(16,834)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	3	0.83	0.44	0.75
(16,834)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	3	0.83	0.44	0.75
(16,834)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	3	0.83	0.44	0.75
(16,834)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	3	0.83	0.44	0.75
(33,830)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	3	0.83	0.44	0.75
(33,830)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	3	0.83	0.44	0.75
(33,830)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	3	0.83	0.44	0.75
(33,830)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	3	0.83	0.44	0.75
(33,830)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	3	0.83	0.44	0.75
(33,830)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	3	0.83	0.44	0.75
(6,1255)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	3	0.83	0.5	1.15
(6,1255)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	3	0.83	0.5	1.15
(6,1255)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	3	0.83	0.5	1.15
(6,1255)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	3	0.83	0.5	1.15
(6,1255)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	3	0.83	0.5	1.15
(6,1255)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	3	0.83	0.5	1.15
(33,1274)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	3	0.83	0.5	1.15
(33,1274)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	3	0.83	0.5	1.15
(33,1274)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	3	0.83	0.5	1.15
(33,1274)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	3	0.83	0.5	1.15
(33,1274)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	3	0.83	0.5	1.15
(33,1274)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	3	0.83	0.5	1.15
(1,406)	1:119:A:LEU:H	1:119:A:LEU:HG	3	0.83	0.31	0.96
(18,2128)	1:41:A:LYS:H	1:44:A:GLU:HG2	3	0.83	0.15	0.75
(18,2128)	1:41:A:LYS:H	1:44:A:GLU:HG3	3	0.83	0.15	0.75
(5,1326)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	3	0.82	0.11	0.88
(5,1326)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	3	0.82	0.11	0.88
(5,1326)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	3	0.82	0.11	0.88
(2,567)	1:63:A:ILE:HG21	1:116:A:GLN:H	3	0.82	0.63	0.71
(2,567)	1:63:A:ILE:HG22	1:116:A:GLN:H	3	0.82	0.63	0.71
(2,567)	1:63:A:ILE:HG23	1:116:A:GLN:H	3	0.82	0.63	0.71
(1,1282)	1:44:A:GLU:HG3	1:45:A:ALA:HA	3	0.82	0.81	0.31
(13,402)	1:119:A:LEU:H	1:119:A:LEU:HG	3	0.82	0.31	0.95
(15,409)	1:119:A:LEU:H	1:119:A:LEU:HG	3	0.82	0.31	0.95
(16,410)	1:119:A:LEU:H	1:119:A:LEU:HG	3	0.82	0.31	0.95
(30,411)	1:119:A:LEU:H	1:119:A:LEU:HG	3	0.82	0.31	0.95
(6,2034)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	3	0.81	0.27	0.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,2034)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	3	0.81	0.27	0.96
(6,2034)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	3	0.81	0.27	0.96
(6,2034)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	3	0.81	0.27	0.96
(6,2034)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	3	0.81	0.27	0.96
(6,2034)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	3	0.81	0.27	0.96
(6,2034)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	3	0.81	0.27	0.96
(6,2034)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	3	0.81	0.27	0.96
(6,2034)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	3	0.81	0.27	0.96
(6,2034)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	3	0.81	0.27	0.96
(6,2034)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	3	0.81	0.27	0.96
(6,2034)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	3	0.81	0.27	0.96
(4,398)	1:119:A:LEU:H	1:119:A:LEU:HG	3	0.81	0.31	0.94
(7,407)	1:119:A:LEU:H	1:119:A:LEU:HG	3	0.8	0.31	0.93
(34,413)	1:119:A:LEU:H	1:119:A:LEU:HG	3	0.8	0.31	0.93
(2,2149)	1:41:A:LYS:H	1:44:A:GLU:HG2	3	0.8	0.15	0.72
(2,2149)	1:41:A:LYS:H	1:44:A:GLU:HG3	3	0.8	0.15	0.72
(13,2083)	1:41:A:LYS:H	1:44:A:GLU:HG2	3	0.8	0.15	0.72
(13,2083)	1:41:A:LYS:H	1:44:A:GLU:HG3	3	0.8	0.15	0.72
(3,1249)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	3	0.79	0.07	0.84
(3,1249)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	3	0.79	0.07	0.84
(3,1249)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	3	0.79	0.07	0.84
(34,2032)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	3	0.78	0.27	0.93
(34,2032)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	3	0.78	0.27	0.93
(34,2032)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	3	0.78	0.27	0.93
(34,2032)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	3	0.78	0.27	0.93
(34,2032)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	3	0.78	0.27	0.93
(34,2032)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	3	0.78	0.27	0.93
(34,2032)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	3	0.78	0.27	0.93
(34,2032)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	3	0.78	0.27	0.93
(34,2032)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	3	0.78	0.27	0.93
(34,2032)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	3	0.78	0.27	0.93
(34,2032)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	3	0.78	0.27	0.93
(34,2032)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	3	0.78	0.27	0.93
(6,795)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	3	0.77	0.16	0.8
(6,795)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	3	0.77	0.16	0.8
(6,795)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	3	0.77	0.16	0.8
(2,403)	1:119:A:LEU:H	1:119:A:LEU:HG	3	0.77	0.31	0.9
(5,399)	1:119:A:LEU:H	1:119:A:LEU:HG	3	0.77	0.31	0.9
(1,1231)	1:43:A:MET:H	1:140:A:LEU:HD11	3	0.76	0.38	0.6
(1,1231)	1:43:A:MET:H	1:140:A:LEU:HD12	3	0.76	0.38	0.6
(1,1231)	1:43:A:MET:H	1:140:A:LEU:HD13	3	0.76	0.38	0.6
(3,2054)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	3	0.76	0.27	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,2054)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	3	0.76	0.27	0.91
(3,2054)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	3	0.76	0.27	0.91
(3,2054)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	3	0.76	0.27	0.91
(3,2054)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	3	0.76	0.27	0.91
(3,2054)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	3	0.76	0.27	0.91
(3,2054)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	3	0.76	0.27	0.91
(3,2054)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	3	0.76	0.27	0.91
(3,2054)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	3	0.76	0.27	0.91
(3,2054)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	3	0.76	0.27	0.91
(3,2054)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	3	0.76	0.27	0.91
(3,2054)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	3	0.76	0.27	0.91
(7,311)	1:43:A:MET:H	1:140:A:LEU:HD11	3	0.76	0.38	0.6
(7,311)	1:43:A:MET:H	1:140:A:LEU:HD12	3	0.76	0.38	0.6
(7,311)	1:43:A:MET:H	1:140:A:LEU:HD13	3	0.76	0.38	0.6
(13,310)	1:43:A:MET:H	1:140:A:LEU:HD11	3	0.76	0.38	0.6
(13,310)	1:43:A:MET:H	1:140:A:LEU:HD12	3	0.76	0.38	0.6
(13,310)	1:43:A:MET:H	1:140:A:LEU:HD13	3	0.76	0.38	0.6
(33,1755)	1:43:A:MET:H	1:140:A:LEU:HD11	3	0.76	0.38	0.6
(33,1755)	1:43:A:MET:H	1:140:A:LEU:HD12	3	0.76	0.38	0.6
(33,1755)	1:43:A:MET:H	1:140:A:LEU:HD13	3	0.76	0.38	0.6
(15,2319)	1:107:A:LEU:HB2	1:111:A:GLU:HG2	3	0.76	0.33	0.9
(15,2319)	1:107:A:LEU:HB2	1:111:A:GLU:HG3	3	0.76	0.33	0.9
(15,2319)	1:107:A:LEU:HB3	1:111:A:GLU:HG2	3	0.76	0.33	0.9
(15,2319)	1:107:A:LEU:HB3	1:111:A:GLU:HG3	3	0.76	0.33	0.9
(17,401)	1:119:A:LEU:H	1:119:A:LEU:HG	3	0.76	0.31	0.89
(17,1968)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	3	0.76	0.51	0.8
(17,1968)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	3	0.76	0.51	0.8
(17,1968)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	3	0.76	0.51	0.8
(17,1968)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	3	0.76	0.51	0.8
(17,1968)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	3	0.76	0.51	0.8
(17,1968)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	3	0.76	0.51	0.8
(17,1968)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	3	0.76	0.51	0.8
(17,1968)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	3	0.76	0.51	0.8
(17,1968)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	3	0.76	0.51	0.8
(17,1968)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	3	0.76	0.51	0.8
(17,1968)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	3	0.76	0.51	0.8
(17,1968)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	3	0.76	0.51	0.8
(29,409)	1:119:A:LEU:H	1:119:A:LEU:HG	3	0.76	0.31	0.89
(15,2036)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	3	0.75	0.34	0.62
(15,2036)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	3	0.75	0.34	0.62
(15,2036)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	3	0.75	0.34	0.62
(15,2036)	1:31:A:PRO:HD2	1:144:A:LEU:HD21	3	0.75	0.34	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,2036)	1:31:A:PRO:HD2	1:144:A:LEU:HD22	3	0.75	0.34	0.62
(15,2036)	1:31:A:PRO:HD2	1:144:A:LEU:HD23	3	0.75	0.34	0.62
(15,2036)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	3	0.75	0.34	0.62
(15,2036)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	3	0.75	0.34	0.62
(15,2036)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	3	0.75	0.34	0.62
(15,2036)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	3	0.75	0.34	0.62
(15,2036)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	3	0.75	0.34	0.62
(15,2036)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	3	0.75	0.34	0.62
(16,1911)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	3	0.75	0.41	0.68
(16,1911)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	3	0.75	0.41	0.68
(17,1945)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	3	0.75	0.41	0.68
(17,1945)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	3	0.75	0.41	0.68
(30,1929)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	3	0.75	0.41	0.68
(30,1929)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	3	0.75	0.41	0.68
(32,1889)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	3	0.75	0.41	0.68
(32,1889)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	3	0.75	0.41	0.68
(2,2190)	1:47:A:ALA:H	1:134:A:VAL:HG11	3	0.75	0.33	0.56
(2,2190)	1:47:A:ALA:H	1:134:A:VAL:HG12	3	0.75	0.33	0.56
(2,2190)	1:47:A:ALA:H	1:134:A:VAL:HG13	3	0.75	0.33	0.56
(2,2190)	1:47:A:ALA:H	1:134:A:VAL:HG21	3	0.75	0.33	0.56
(2,2190)	1:47:A:ALA:H	1:134:A:VAL:HG22	3	0.75	0.33	0.56
(2,2190)	1:47:A:ALA:H	1:134:A:VAL:HG23	3	0.75	0.33	0.56
(32,1720)	1:140:A:LEU:HD21	1:143:A:TRP:H	3	0.75	0.16	0.65
(32,1720)	1:140:A:LEU:HD22	1:143:A:TRP:H	3	0.75	0.16	0.65
(32,1720)	1:140:A:LEU:HD23	1:143:A:TRP:H	3	0.75	0.16	0.65
(5,1180)	1:136:A:CYS:HA	1:140:A:LEU:HD21	3	0.74	0.48	0.77
(5,1180)	1:136:A:CYS:HA	1:140:A:LEU:HD22	3	0.74	0.48	0.77
(5,1180)	1:136:A:CYS:HA	1:140:A:LEU:HD23	3	0.74	0.48	0.77
(6,1160)	1:136:A:CYS:HA	1:140:A:LEU:HD21	3	0.74	0.48	0.77
(6,1160)	1:136:A:CYS:HA	1:140:A:LEU:HD22	3	0.74	0.48	0.77
(6,1160)	1:136:A:CYS:HA	1:140:A:LEU:HD23	3	0.74	0.48	0.77
(9,1171)	1:136:A:CYS:HA	1:140:A:LEU:HD21	3	0.74	0.48	0.77
(9,1171)	1:136:A:CYS:HA	1:140:A:LEU:HD22	3	0.74	0.48	0.77
(9,1171)	1:136:A:CYS:HA	1:140:A:LEU:HD23	3	0.74	0.48	0.77
(9,1777)	1:13:A:ALA:H	1:80:A:TYR:HD1	3	0.74	0.09	0.79
(9,1777)	1:13:A:ALA:H	1:80:A:TYR:HD2	3	0.74	0.09	0.79
(15,1771)	1:13:A:ALA:H	1:80:A:TYR:HD1	3	0.74	0.09	0.79
(15,1771)	1:13:A:ALA:H	1:80:A:TYR:HD2	3	0.74	0.09	0.79
(2,17)	1:94:A:ALA:H	1:95:A:ILE:HD11	3	0.73	0.75	0.29
(2,17)	1:94:A:ALA:H	1:95:A:ILE:HD12	3	0.73	0.75	0.29
(2,17)	1:94:A:ALA:H	1:95:A:ILE:HD13	3	0.73	0.75	0.29
(3,2103)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	3	0.73	0.66	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,2103)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	3	0.73	0.66	0.27
(3,2103)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	3	0.73	0.66	0.27
(3,2103)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	3	0.73	0.66	0.27
(3,2103)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	3	0.73	0.66	0.27
(3,2103)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	3	0.73	0.66	0.27
(3,2103)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	3	0.73	0.66	0.27
(3,2103)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	3	0.73	0.66	0.27
(3,2103)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	3	0.73	0.66	0.27
(3,2103)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	3	0.73	0.66	0.27
(3,2103)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	3	0.73	0.66	0.27
(3,2103)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	3	0.73	0.66	0.27
(4,19)	1:94:A:ALA:H	1:95:A:ILE:HD11	3	0.73	0.75	0.29
(4,19)	1:94:A:ALA:H	1:95:A:ILE:HD12	3	0.73	0.75	0.29
(4,19)	1:94:A:ALA:H	1:95:A:ILE:HD13	3	0.73	0.75	0.29
(7,17)	1:94:A:ALA:H	1:95:A:ILE:HD11	3	0.73	0.75	0.29
(7,17)	1:94:A:ALA:H	1:95:A:ILE:HD12	3	0.73	0.75	0.29
(7,17)	1:94:A:ALA:H	1:95:A:ILE:HD13	3	0.73	0.75	0.29
(9,18)	1:94:A:ALA:H	1:95:A:ILE:HD11	3	0.73	0.75	0.29
(9,18)	1:94:A:ALA:H	1:95:A:ILE:HD12	3	0.73	0.75	0.29
(9,18)	1:94:A:ALA:H	1:95:A:ILE:HD13	3	0.73	0.75	0.29
(13,18)	1:94:A:ALA:H	1:95:A:ILE:HD11	3	0.73	0.75	0.29
(13,18)	1:94:A:ALA:H	1:95:A:ILE:HD12	3	0.73	0.75	0.29
(13,18)	1:94:A:ALA:H	1:95:A:ILE:HD13	3	0.73	0.75	0.29
(13,343)	1:66:A:THR:H	1:96:A:VAL:HB	3	0.73	0.54	0.67
(16,20)	1:94:A:ALA:H	1:95:A:ILE:HD11	3	0.73	0.75	0.29
(16,20)	1:94:A:ALA:H	1:95:A:ILE:HD12	3	0.73	0.75	0.29
(16,20)	1:94:A:ALA:H	1:95:A:ILE:HD13	3	0.73	0.75	0.29
(29,20)	1:94:A:ALA:H	1:95:A:ILE:HD11	3	0.73	0.75	0.29
(29,20)	1:94:A:ALA:H	1:95:A:ILE:HD12	3	0.73	0.75	0.29
(29,20)	1:94:A:ALA:H	1:95:A:ILE:HD13	3	0.73	0.75	0.29
(33,21)	1:94:A:ALA:H	1:95:A:ILE:HD11	3	0.73	0.75	0.29
(33,21)	1:94:A:ALA:H	1:95:A:ILE:HD12	3	0.73	0.75	0.29
(33,21)	1:94:A:ALA:H	1:95:A:ILE:HD13	3	0.73	0.75	0.29
(33,347)	1:66:A:THR:H	1:96:A:VAL:HB	3	0.73	0.54	0.67
(9,2042)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	3	0.73	0.34	0.6
(9,2042)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	3	0.73	0.34	0.6
(9,2042)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	3	0.73	0.34	0.6
(9,2042)	1:31:A:PRO:HD2	1:144:A:LEU:HD21	3	0.73	0.34	0.6
(9,2042)	1:31:A:PRO:HD2	1:144:A:LEU:HD22	3	0.73	0.34	0.6
(9,2042)	1:31:A:PRO:HD2	1:144:A:LEU:HD23	3	0.73	0.34	0.6
(9,2042)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	3	0.73	0.34	0.6
(9,2042)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	3	0.73	0.34	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,2042)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	3	0.73	0.34	0.6
(9,2042)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	3	0.73	0.34	0.6
(9,2042)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	3	0.73	0.34	0.6
(9,2042)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	3	0.73	0.34	0.6
(18,1454)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	3	0.72	0.16	0.73
(18,1454)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	3	0.72	0.16	0.73
(18,1454)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	3	0.72	0.16	0.73
(18,1454)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	3	0.72	0.16	0.73
(18,1454)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	3	0.72	0.16	0.73
(18,1454)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	3	0.72	0.16	0.73
(18,1454)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	3	0.72	0.16	0.73
(18,1454)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	3	0.72	0.16	0.73
(18,1454)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	3	0.72	0.16	0.73
(34,1365)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	3	0.71	0.41	0.66
(34,1365)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	3	0.71	0.41	0.66
(34,1365)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	3	0.71	0.41	0.66
(34,1365)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	3	0.71	0.41	0.66
(34,1365)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	3	0.71	0.41	0.66
(34,1365)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	3	0.71	0.41	0.66
(4,820)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	3	0.71	0.44	0.63
(4,820)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	3	0.71	0.44	0.63
(4,820)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	3	0.71	0.44	0.63
(4,820)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	3	0.71	0.44	0.63
(4,820)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	3	0.71	0.44	0.63
(4,820)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	3	0.71	0.44	0.63
(17,723)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	3	0.71	0.46	0.71
(17,723)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	3	0.71	0.46	0.71
(17,723)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	3	0.71	0.46	0.71
(4,1444)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	3	0.7	0.16	0.71
(4,1444)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	3	0.7	0.16	0.71
(4,1444)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	3	0.7	0.16	0.71
(4,1444)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	3	0.7	0.16	0.71
(4,1444)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	3	0.7	0.16	0.71
(4,1444)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	3	0.7	0.16	0.71
(4,1444)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	3	0.7	0.16	0.71
(4,1444)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	3	0.7	0.16	0.71
(4,1444)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	3	0.7	0.16	0.71
(9,194)	1:44:A:GLU:H	1:44:A:GLU:HG2	3	0.7	0.18	0.75
(15,2140)	1:47:A:ALA:H	1:134:A:VAL:HG11	3	0.7	0.33	0.51
(15,2140)	1:47:A:ALA:H	1:134:A:VAL:HG12	3	0.7	0.33	0.51
(15,2140)	1:47:A:ALA:H	1:134:A:VAL:HG13	3	0.7	0.33	0.51
(15,2140)	1:47:A:ALA:H	1:134:A:VAL:HG21	3	0.7	0.33	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,2140)	1:47:A:ALA:H	1:134:A:VAL:HG22	3	0.7	0.33	0.51
(15,2140)	1:47:A:ALA:H	1:134:A:VAL:HG23	3	0.7	0.33	0.51
(32,1196)	1:140:A:LEU:HD11	1:143:A:TRP:H	3	0.7	0.32	0.83
(32,1196)	1:140:A:LEU:HD12	1:143:A:TRP:H	3	0.7	0.32	0.83
(32,1196)	1:140:A:LEU:HD13	1:143:A:TRP:H	3	0.7	0.32	0.83
(33,1238)	1:140:A:LEU:HA	1:140:A:LEU:HD21	3	0.7	0.13	0.76
(33,1238)	1:140:A:LEU:HA	1:140:A:LEU:HD22	3	0.7	0.13	0.76
(33,1238)	1:140:A:LEU:HA	1:140:A:LEU:HD23	3	0.7	0.13	0.76
(3,1278)	1:9:A:PHE:HD1	1:40:A:LEU:HD21	3	0.69	0.62	0.29
(3,1278)	1:9:A:PHE:HD1	1:40:A:LEU:HD22	3	0.69	0.62	0.29
(3,1278)	1:9:A:PHE:HD1	1:40:A:LEU:HD23	3	0.69	0.62	0.29
(3,1278)	1:9:A:PHE:HD2	1:40:A:LEU:HD21	3	0.69	0.62	0.29
(3,1278)	1:9:A:PHE:HD2	1:40:A:LEU:HD22	3	0.69	0.62	0.29
(3,1278)	1:9:A:PHE:HD2	1:40:A:LEU:HD23	3	0.69	0.62	0.29
(6,2410)	1:129:A:LYS:HG2	1:130:A:GLY:H	3	0.69	0.13	0.73
(6,2410)	1:129:A:LYS:HG3	1:130:A:GLY:H	3	0.69	0.13	0.73
(17,2409)	1:129:A:LYS:HG2	1:130:A:GLY:H	3	0.69	0.13	0.73
(17,2409)	1:129:A:LYS:HG3	1:130:A:GLY:H	3	0.69	0.13	0.73
(2,1942)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	3	0.68	0.11	0.61
(7,1879)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	3	0.68	0.11	0.61
(9,1913)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	3	0.68	0.11	0.61
(13,1875)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	3	0.68	0.11	0.61
(16,1900)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	3	0.68	0.11	0.61
(16,1900)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	3	0.68	0.11	0.61
(32,1877)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	3	0.68	0.11	0.61
(5,2046)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	3	0.68	0.14	0.75
(5,2046)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	3	0.68	0.14	0.75
(5,2046)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	3	0.68	0.14	0.75
(5,2046)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	3	0.68	0.14	0.75
(5,2046)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	3	0.68	0.14	0.75
(5,2046)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	3	0.68	0.14	0.75
(1,783)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	3	0.67	0.16	0.7
(1,783)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	3	0.67	0.16	0.7
(1,783)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	3	0.67	0.16	0.7
(17,834)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	3	0.67	0.44	0.59
(17,834)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	3	0.67	0.44	0.59
(17,834)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	3	0.67	0.44	0.59
(17,834)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	3	0.67	0.44	0.59
(17,834)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	3	0.67	0.44	0.59
(17,834)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	3	0.67	0.44	0.59
(5,1873)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	3	0.67	0.42	0.6
(5,1873)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	3	0.67	0.42	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,1873)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	3	0.67	0.42	0.6
(5,1873)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	3	0.67	0.42	0.6
(4,2432)	1:136:A:CYS:HB2	1:141:A:LYS:HA	3	0.66	0.36	0.85
(4,2432)	1:136:A:CYS:HB3	1:141:A:LYS:HA	3	0.66	0.36	0.85
(3,1629)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	3	0.66	0.26	0.71
(3,1629)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	3	0.66	0.26	0.71
(3,1629)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	3	0.66	0.26	0.71
(3,1629)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	3	0.66	0.26	0.71
(3,1629)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	3	0.66	0.26	0.71
(3,1629)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	3	0.66	0.26	0.71
(4,1578)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	3	0.66	0.26	0.71
(4,1578)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	3	0.66	0.26	0.71
(4,1578)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	3	0.66	0.26	0.71
(4,1578)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	3	0.66	0.26	0.71
(4,1578)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	3	0.66	0.26	0.71
(4,1578)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	3	0.66	0.26	0.71
(5,1986)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	3	0.66	0.32	0.5
(5,1986)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	3	0.66	0.32	0.5
(5,1986)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	3	0.66	0.32	0.5
(5,1986)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	3	0.66	0.32	0.5
(5,1986)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	3	0.66	0.32	0.5
(5,1986)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	3	0.66	0.32	0.5
(5,1986)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	3	0.66	0.32	0.5
(5,1986)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	3	0.66	0.32	0.5
(5,1986)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	3	0.66	0.32	0.5
(5,1986)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	3	0.66	0.32	0.5
(5,1986)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	3	0.66	0.32	0.5
(5,1986)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	3	0.66	0.32	0.5
(5,1986)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	3	0.66	0.32	0.5
(5,1986)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	3	0.66	0.32	0.5
(5,1986)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	3	0.66	0.32	0.5
(5,1986)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	3	0.66	0.32	0.5
(5,1986)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	3	0.66	0.32	0.5
(5,1986)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	3	0.66	0.32	0.5
(6,1597)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	3	0.66	0.26	0.71
(6,1597)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	3	0.66	0.26	0.71
(6,1597)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	3	0.66	0.26	0.71
(6,1597)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	3	0.66	0.26	0.71
(6,1597)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	3	0.66	0.26	0.71
(6,1597)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	3	0.66	0.26	0.71
(7,1570)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	3	0.66	0.26	0.71
(7,1570)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	3	0.66	0.26	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1570)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	3	0.66	0.26	0.71
(7,1570)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	3	0.66	0.26	0.71
(7,1570)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	3	0.66	0.26	0.71
(7,1570)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	3	0.66	0.26	0.71
(16,1585)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	3	0.66	0.26	0.71
(16,1585)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	3	0.66	0.26	0.71
(16,1585)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	3	0.66	0.26	0.71
(16,1585)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	3	0.66	0.26	0.71
(16,1585)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	3	0.66	0.26	0.71
(16,1585)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	3	0.66	0.26	0.71
(18,1583)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	3	0.66	0.26	0.71
(18,1583)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	3	0.66	0.26	0.71
(18,1583)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	3	0.66	0.26	0.71
(18,1583)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	3	0.66	0.26	0.71
(18,1583)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	3	0.66	0.26	0.71
(18,1583)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	3	0.66	0.26	0.71
(29,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	3	0.66	0.26	0.71
(29,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	3	0.66	0.26	0.71
(29,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	3	0.66	0.26	0.71
(29,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	3	0.66	0.26	0.71
(29,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	3	0.66	0.26	0.71
(29,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	3	0.66	0.26	0.71
(30,1599)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	3	0.66	0.26	0.71
(30,1599)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	3	0.66	0.26	0.71
(30,1599)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	3	0.66	0.26	0.71
(30,1599)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	3	0.66	0.26	0.71
(30,1599)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	3	0.66	0.26	0.71
(30,1599)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	3	0.66	0.26	0.71
(32,1559)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	3	0.66	0.26	0.71
(32,1559)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	3	0.66	0.26	0.71
(32,1559)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	3	0.66	0.26	0.71
(32,1559)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	3	0.66	0.26	0.71
(32,1559)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	3	0.66	0.26	0.71
(32,1559)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	3	0.66	0.26	0.71
(34,1613)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	3	0.66	0.26	0.71
(34,1613)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	3	0.66	0.26	0.71
(34,1613)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	3	0.66	0.26	0.71
(34,1613)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	3	0.66	0.26	0.71
(34,1613)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	3	0.66	0.26	0.71
(34,1613)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	3	0.66	0.26	0.71
(9,2132)	1:47:A:ALA:H	1:134:A:VAL:HG11	3	0.66	0.33	0.47
(9,2132)	1:47:A:ALA:H	1:134:A:VAL:HG12	3	0.66	0.33	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,2132)	1:47:A:ALA:H	1:134:A:VAL:HG13	3	0.66	0.33	0.47
(9,2132)	1:47:A:ALA:H	1:134:A:VAL:HG21	3	0.66	0.33	0.47
(9,2132)	1:47:A:ALA:H	1:134:A:VAL:HG22	3	0.66	0.33	0.47
(9,2132)	1:47:A:ALA:H	1:134:A:VAL:HG23	3	0.66	0.33	0.47
(3,2050)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	3	0.66	0.41	0.41
(3,2050)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	3	0.66	0.41	0.41
(3,2050)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	3	0.66	0.41	0.41
(3,2050)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	3	0.66	0.41	0.41
(3,2050)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	3	0.66	0.41	0.41
(3,2050)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	3	0.66	0.41	0.41
(3,2050)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	3	0.66	0.41	0.41
(3,2050)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	3	0.66	0.41	0.41
(3,2050)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	3	0.66	0.41	0.41
(3,2050)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	3	0.66	0.41	0.41
(3,2050)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	3	0.66	0.41	0.41
(3,2050)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	3	0.66	0.41	0.41
(13,2104)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	3	0.66	0.44	0.46
(13,2104)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	3	0.66	0.44	0.46
(13,2104)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	3	0.66	0.44	0.46
(13,2104)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	3	0.66	0.44	0.46
(13,2104)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	3	0.66	0.44	0.46
(13,2104)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	3	0.66	0.44	0.46
(15,2410)	1:129:A:LYS:HG2	1:130:A:GLY:H	3	0.66	0.13	0.7
(15,2410)	1:129:A:LYS:HG3	1:130:A:GLY:H	3	0.66	0.13	0.7
(3,2059)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	3	0.65	0.37	0.86
(3,2059)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	3	0.65	0.37	0.86
(3,2059)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	3	0.65	0.37	0.86
(3,2059)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	3	0.65	0.37	0.86
(3,2059)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	3	0.65	0.37	0.86
(3,2059)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	3	0.65	0.37	0.86
(4,71)	1:63:A:ILE:HG21	1:117:A:VAL:H	3	0.65	0.53	0.41
(4,71)	1:63:A:ILE:HG22	1:117:A:VAL:H	3	0.65	0.53	0.41
(4,71)	1:63:A:ILE:HG23	1:117:A:VAL:H	3	0.65	0.53	0.41
(6,2077)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	3	0.65	0.66	0.19
(6,2077)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	3	0.65	0.66	0.19
(6,2077)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	3	0.65	0.66	0.19
(6,2077)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	3	0.65	0.66	0.19
(6,2077)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	3	0.65	0.66	0.19
(6,2077)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	3	0.65	0.66	0.19
(6,2077)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	3	0.65	0.66	0.19
(6,2077)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	3	0.65	0.66	0.19
(6,2077)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	3	0.65	0.66	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,2077)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	3	0.65	0.66	0.19
(6,2077)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	3	0.65	0.66	0.19
(6,2077)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	3	0.65	0.66	0.19
(5,825)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	3	0.65	0.44	0.57
(5,825)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	3	0.65	0.44	0.57
(5,825)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	3	0.65	0.44	0.57
(5,825)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	3	0.65	0.44	0.57
(5,825)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	3	0.65	0.44	0.57
(5,825)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	3	0.65	0.44	0.57
(11,1263)	1:40:A:LEU:HD11	1:44:A:GLU:H	3	0.65	0.12	0.63
(11,1263)	1:40:A:LEU:HD12	1:44:A:GLU:H	3	0.65	0.12	0.63
(11,1263)	1:40:A:LEU:HD13	1:44:A:GLU:H	3	0.65	0.12	0.63
(17,1254)	1:40:A:LEU:HD11	1:44:A:GLU:H	3	0.65	0.12	0.63
(17,1254)	1:40:A:LEU:HD12	1:44:A:GLU:H	3	0.65	0.12	0.63
(17,1254)	1:40:A:LEU:HD13	1:44:A:GLU:H	3	0.65	0.12	0.63
(32,807)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	3	0.65	0.44	0.57
(32,807)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	3	0.65	0.44	0.57
(32,807)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	3	0.65	0.44	0.57
(32,807)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	3	0.65	0.44	0.57
(32,807)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	3	0.65	0.44	0.57
(32,807)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	3	0.65	0.44	0.57
(33,1251)	1:40:A:LEU:HD11	1:44:A:GLU:H	3	0.65	0.12	0.63
(33,1251)	1:40:A:LEU:HD12	1:44:A:GLU:H	3	0.65	0.12	0.63
(33,1251)	1:40:A:LEU:HD13	1:44:A:GLU:H	3	0.65	0.12	0.63
(13,2394)	1:129:A:LYS:HG2	1:130:A:GLY:H	3	0.65	0.13	0.69
(13,2394)	1:129:A:LYS:HG3	1:130:A:GLY:H	3	0.65	0.13	0.69
(33,190)	1:44:A:GLU:H	1:44:A:GLU:HG2	3	0.65	0.18	0.7
(34,195)	1:44:A:GLU:H	1:44:A:GLU:HG2	3	0.65	0.18	0.7
(34,2166)	1:47:A:ALA:H	1:134:A:VAL:HG11	3	0.65	0.33	0.46
(34,2166)	1:47:A:ALA:H	1:134:A:VAL:HG12	3	0.65	0.33	0.46
(34,2166)	1:47:A:ALA:H	1:134:A:VAL:HG13	3	0.65	0.33	0.46
(34,2166)	1:47:A:ALA:H	1:134:A:VAL:HG21	3	0.65	0.33	0.46
(34,2166)	1:47:A:ALA:H	1:134:A:VAL:HG22	3	0.65	0.33	0.46
(34,2166)	1:47:A:ALA:H	1:134:A:VAL:HG23	3	0.65	0.33	0.46
(1,1229)	1:143:A:TRP:H	1:144:A:LEU:HD21	3	0.64	0.03	0.63
(1,1229)	1:143:A:TRP:H	1:144:A:LEU:HD22	3	0.64	0.03	0.63
(1,1229)	1:143:A:TRP:H	1:144:A:LEU:HD23	3	0.64	0.03	0.63
(18,1233)	1:143:A:TRP:H	1:144:A:LEU:HD21	3	0.64	0.03	0.63
(18,1233)	1:143:A:TRP:H	1:144:A:LEU:HD22	3	0.64	0.03	0.63
(18,1233)	1:143:A:TRP:H	1:144:A:LEU:HD23	3	0.64	0.03	0.63
(32,1195)	1:143:A:TRP:H	1:144:A:LEU:HD21	3	0.64	0.03	0.63
(32,1195)	1:143:A:TRP:H	1:144:A:LEU:HD22	3	0.64	0.03	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,1195)	1:143:A:TRP:H	1:144:A:LEU:HD23	3	0.64	0.03	0.63
(6,819)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	3	0.64	0.44	0.56
(6,819)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	3	0.64	0.44	0.56
(6,819)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	3	0.64	0.44	0.56
(6,819)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	3	0.64	0.44	0.56
(6,819)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	3	0.64	0.44	0.56
(6,819)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	3	0.64	0.44	0.56
(2,2145)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	3	0.63	0.07	0.65
(2,2145)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	3	0.63	0.07	0.65
(2,2145)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	3	0.63	0.07	0.65
(2,2145)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	3	0.63	0.07	0.65
(2,2145)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	3	0.63	0.07	0.65
(2,2145)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	3	0.63	0.07	0.65
(2,2145)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	3	0.63	0.07	0.65
(2,2145)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	3	0.63	0.07	0.65
(2,2145)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	3	0.63	0.07	0.65
(2,2145)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	3	0.63	0.07	0.65
(2,2145)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	3	0.63	0.07	0.65
(2,2145)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	3	0.63	0.07	0.65
(15,2051)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	3	0.63	0.66	0.17
(15,2051)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	3	0.63	0.66	0.17
(15,2051)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	3	0.63	0.66	0.17
(15,2051)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	3	0.63	0.66	0.17
(15,2051)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	3	0.63	0.66	0.17
(15,2051)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	3	0.63	0.66	0.17
(15,2051)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	3	0.63	0.66	0.17
(15,2051)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	3	0.63	0.66	0.17
(15,2051)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	3	0.63	0.66	0.17
(15,2051)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	3	0.63	0.66	0.17
(15,2051)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	3	0.63	0.66	0.17
(15,2051)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	3	0.63	0.66	0.17
(3,840)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	3	0.63	0.44	0.55
(3,840)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	3	0.63	0.44	0.55
(3,840)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	3	0.63	0.44	0.55
(3,840)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	3	0.63	0.44	0.55
(3,840)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	3	0.63	0.44	0.55
(3,840)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	3	0.63	0.44	0.55
(34,2301)	1:98:A:ILE:HG12	1:116:A:GLN:H	3	0.63	0.13	0.62
(34,2301)	1:98:A:ILE:HG13	1:116:A:GLN:H	3	0.63	0.13	0.62
(16,1309)	1:66:A:THR:HG21	1:96:A:VAL:HB	3	0.62	0.25	0.69
(16,1309)	1:66:A:THR:HG22	1:96:A:VAL:HB	3	0.62	0.25	0.69
(16,1309)	1:66:A:THR:HG23	1:96:A:VAL:HB	3	0.62	0.25	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,1891)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	3	0.62	0.04	0.64
(2,1891)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	3	0.62	0.04	0.64
(4,1845)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	3	0.62	0.04	0.64
(4,1845)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	3	0.62	0.04	0.64
(15,1850)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	3	0.62	0.04	0.64
(15,1850)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	3	0.62	0.04	0.64
(17,1883)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	3	0.62	0.04	0.64
(17,1883)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	3	0.62	0.04	0.64
(32,1833)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	3	0.62	0.04	0.64
(32,1833)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	3	0.62	0.04	0.64
(1,2071)	1:35:A:LEU:HD11	1:143:A:TRP:HA	3	0.62	0.39	0.67
(1,2071)	1:35:A:LEU:HD12	1:143:A:TRP:HA	3	0.62	0.39	0.67
(1,2071)	1:35:A:LEU:HD13	1:143:A:TRP:HA	3	0.62	0.39	0.67
(1,2071)	1:35:A:LEU:HD21	1:143:A:TRP:HA	3	0.62	0.39	0.67
(1,2071)	1:35:A:LEU:HD22	1:143:A:TRP:HA	3	0.62	0.39	0.67
(1,2071)	1:35:A:LEU:HD23	1:143:A:TRP:HA	3	0.62	0.39	0.67
(17,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	3	0.62	0.21	0.53
(17,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	3	0.62	0.21	0.53
(17,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	3	0.62	0.21	0.53
(17,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	3	0.62	0.21	0.53
(17,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	3	0.62	0.21	0.53
(17,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	3	0.62	0.21	0.53
(17,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	3	0.62	0.21	0.53
(17,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	3	0.62	0.21	0.53
(17,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	3	0.62	0.21	0.53
(17,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	3	0.62	0.21	0.53
(17,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	3	0.62	0.21	0.53
(17,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	3	0.62	0.21	0.53
(29,2398)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	3	0.62	0.21	0.53
(29,2398)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	3	0.62	0.21	0.53
(29,2398)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	3	0.62	0.21	0.53
(29,2398)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	3	0.62	0.21	0.53
(29,2398)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	3	0.62	0.21	0.53
(29,2398)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	3	0.62	0.21	0.53
(29,2398)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	3	0.62	0.21	0.53
(29,2398)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	3	0.62	0.21	0.53
(29,2398)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	3	0.62	0.21	0.53
(29,2398)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	3	0.62	0.21	0.53
(29,2398)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	3	0.62	0.21	0.53
(29,2398)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	3	0.62	0.21	0.53
(30,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	3	0.62	0.21	0.53
(30,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	3	0.62	0.21	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	3	0.62	0.21	0.53
(30,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	3	0.62	0.21	0.53
(30,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	3	0.62	0.21	0.53
(30,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	3	0.62	0.21	0.53
(30,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	3	0.62	0.21	0.53
(30,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	3	0.62	0.21	0.53
(30,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	3	0.62	0.21	0.53
(30,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	3	0.62	0.21	0.53
(30,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	3	0.62	0.21	0.53
(30,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	3	0.62	0.21	0.53
(33,1896)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	3	0.62	0.5	0.32
(33,1896)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	3	0.62	0.5	0.32
(33,1896)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	3	0.62	0.5	0.32
(33,1896)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	3	0.62	0.5	0.32
(33,1896)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	3	0.62	0.5	0.32
(33,1896)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	3	0.62	0.5	0.32
(34,2428)	1:129:A:LYS:HG2	1:130:A:GLY:H	3	0.62	0.13	0.66
(34,2428)	1:129:A:LYS:HG3	1:130:A:GLY:H	3	0.62	0.13	0.66
(3,627)	1:34:A:LYS:HG2	1:35:A:LEU:H	3	0.61	0.42	0.56
(3,627)	1:34:A:LYS:HG3	1:35:A:LEU:H	3	0.61	0.42	0.56
(4,2075)	1:35:A:LEU:HD11	1:80:A:TYR:HB3	3	0.61	0.66	0.16
(4,2075)	1:35:A:LEU:HD12	1:80:A:TYR:HB3	3	0.61	0.66	0.16
(4,2075)	1:35:A:LEU:HD13	1:80:A:TYR:HB3	3	0.61	0.66	0.16
(4,2075)	1:35:A:LEU:HD21	1:80:A:TYR:HB3	3	0.61	0.66	0.16
(4,2075)	1:35:A:LEU:HD22	1:80:A:TYR:HB3	3	0.61	0.66	0.16
(4,2075)	1:35:A:LEU:HD23	1:80:A:TYR:HB3	3	0.61	0.66	0.16
(7,2047)	1:35:A:LEU:HD11	1:80:A:TYR:HB3	3	0.61	0.66	0.16
(7,2047)	1:35:A:LEU:HD12	1:80:A:TYR:HB3	3	0.61	0.66	0.16
(7,2047)	1:35:A:LEU:HD13	1:80:A:TYR:HB3	3	0.61	0.66	0.16
(7,2047)	1:35:A:LEU:HD21	1:80:A:TYR:HB3	3	0.61	0.66	0.16
(7,2047)	1:35:A:LEU:HD22	1:80:A:TYR:HB3	3	0.61	0.66	0.16
(7,2047)	1:35:A:LEU:HD23	1:80:A:TYR:HB3	3	0.61	0.66	0.16
(32,2059)	1:35:A:LEU:HD11	1:80:A:TYR:HB3	3	0.61	0.66	0.16
(32,2059)	1:35:A:LEU:HD12	1:80:A:TYR:HB3	3	0.61	0.66	0.16
(32,2059)	1:35:A:LEU:HD13	1:80:A:TYR:HB3	3	0.61	0.66	0.16
(32,2059)	1:35:A:LEU:HD21	1:80:A:TYR:HB3	3	0.61	0.66	0.16
(32,2059)	1:35:A:LEU:HD22	1:80:A:TYR:HB3	3	0.61	0.66	0.16
(32,2059)	1:35:A:LEU:HD23	1:80:A:TYR:HB3	3	0.61	0.66	0.16
(1,244)	1:40:A:LEU:HD21	1:44:A:GLU:H	3	0.61	0.06	0.65
(1,244)	1:40:A:LEU:HD22	1:44:A:GLU:H	3	0.61	0.06	0.65
(1,244)	1:40:A:LEU:HD23	1:44:A:GLU:H	3	0.61	0.06	0.65
(3,1269)	1:40:A:LEU:HD21	1:44:A:GLU:H	3	0.61	0.06	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,1269)	1:40:A:LEU:HD22	1:44:A:GLU:H	3	0.61	0.06	0.65
(3,1269)	1:40:A:LEU:HD23	1:44:A:GLU:H	3	0.61	0.06	0.65
(29,196)	1:44:A:GLU:H	1:44:A:GLU:HG2	3	0.61	0.18	0.66
(5,2407)	1:129:A:LYS:HG2	1:130:A:GLY:H	3	0.61	0.13	0.65
(5,2407)	1:129:A:LYS:HG3	1:130:A:GLY:H	3	0.61	0.13	0.65
(9,2353)	1:129:A:LYS:HG2	1:130:A:GLY:H	3	0.61	0.13	0.65
(9,2353)	1:129:A:LYS:HG3	1:130:A:GLY:H	3	0.61	0.13	0.65
(6,1021)	1:11:A:ILE:HB	1:44:A:GLU:HB2	3	0.61	0.64	0.16
(6,1021)	1:11:A:ILE:HB	1:44:A:GLU:HB3	3	0.61	0.64	0.16
(11,1047)	1:11:A:ILE:HB	1:44:A:GLU:HB2	3	0.61	0.64	0.16
(11,1047)	1:11:A:ILE:HB	1:44:A:GLU:HB3	3	0.61	0.64	0.16
(18,2148)	1:44:A:GLU:H	1:44:A:GLU:HG2	3	0.61	0.09	0.65
(18,2148)	1:44:A:GLU:H	1:44:A:GLU:HG3	3	0.61	0.09	0.65
(29,1051)	1:11:A:ILE:HB	1:44:A:GLU:HB2	3	0.61	0.64	0.16
(29,1051)	1:11:A:ILE:HB	1:44:A:GLU:HB3	3	0.61	0.64	0.16
(30,1027)	1:11:A:ILE:HB	1:44:A:GLU:HB2	3	0.61	0.64	0.16
(30,1027)	1:11:A:ILE:HB	1:44:A:GLU:HB3	3	0.61	0.64	0.16
(32,1003)	1:11:A:ILE:HB	1:44:A:GLU:HB2	3	0.61	0.64	0.16
(32,1003)	1:11:A:ILE:HB	1:44:A:GLU:HB3	3	0.61	0.64	0.16
(32,2138)	1:44:A:GLU:H	1:44:A:GLU:HG2	3	0.61	0.09	0.65
(32,2138)	1:44:A:GLU:H	1:44:A:GLU:HG3	3	0.61	0.09	0.65
(29,896)	1:98:A:ILE:HG12	1:101:A:ILE:HB	3	0.6	0.46	0.32
(2,232)	1:40:A:LEU:HD21	1:44:A:GLU:H	3	0.6	0.06	0.64
(2,232)	1:40:A:LEU:HD22	1:44:A:GLU:H	3	0.6	0.06	0.64
(2,232)	1:40:A:LEU:HD23	1:44:A:GLU:H	3	0.6	0.06	0.64
(4,230)	1:40:A:LEU:HD21	1:44:A:GLU:H	3	0.6	0.06	0.64
(4,230)	1:40:A:LEU:HD22	1:44:A:GLU:H	3	0.6	0.06	0.64
(4,230)	1:40:A:LEU:HD23	1:44:A:GLU:H	3	0.6	0.06	0.64
(7,1154)	1:43:A:MET:HB2	1:140:A:LEU:HD21	3	0.6	0.13	0.54
(7,1154)	1:43:A:MET:HB2	1:140:A:LEU:HD22	3	0.6	0.13	0.54
(7,1154)	1:43:A:MET:HB2	1:140:A:LEU:HD23	3	0.6	0.13	0.54
(34,1477)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	3	0.6	0.14	0.66
(34,1477)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	3	0.6	0.14	0.66
(34,1477)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	3	0.6	0.14	0.66
(1,1241)	1:39:A:VAL:HA	1:139:A:LEU:HD21	3	0.59	0.6	0.17
(1,1241)	1:39:A:VAL:HA	1:139:A:LEU:HD22	3	0.59	0.6	0.17
(1,1241)	1:39:A:VAL:HA	1:139:A:LEU:HD23	3	0.59	0.6	0.17
(4,1216)	1:39:A:VAL:HA	1:139:A:LEU:HD21	3	0.59	0.6	0.17
(4,1216)	1:39:A:VAL:HA	1:139:A:LEU:HD22	3	0.59	0.6	0.17
(4,1216)	1:39:A:VAL:HA	1:139:A:LEU:HD23	3	0.59	0.6	0.17
(5,1249)	1:39:A:VAL:HA	1:139:A:LEU:HD21	3	0.59	0.6	0.17
(5,1249)	1:39:A:VAL:HA	1:139:A:LEU:HD22	3	0.59	0.6	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,1249)	1:39:A:VAL:HA	1:139:A:LEU:HD23	3	0.59	0.6	0.17
(6,1233)	1:39:A:VAL:HA	1:139:A:LEU:HD21	3	0.59	0.6	0.17
(6,1233)	1:39:A:VAL:HA	1:139:A:LEU:HD22	3	0.59	0.6	0.17
(6,1233)	1:39:A:VAL:HA	1:139:A:LEU:HD23	3	0.59	0.6	0.17
(7,1217)	1:39:A:VAL:HA	1:139:A:LEU:HD21	3	0.59	0.6	0.17
(7,1217)	1:39:A:VAL:HA	1:139:A:LEU:HD22	3	0.59	0.6	0.17
(7,1217)	1:39:A:VAL:HA	1:139:A:LEU:HD23	3	0.59	0.6	0.17
(9,1240)	1:39:A:VAL:HA	1:139:A:LEU:HD21	3	0.59	0.6	0.17
(9,1240)	1:39:A:VAL:HA	1:139:A:LEU:HD22	3	0.59	0.6	0.17
(9,1240)	1:39:A:VAL:HA	1:139:A:LEU:HD23	3	0.59	0.6	0.17
(15,1239)	1:39:A:VAL:HA	1:139:A:LEU:HD21	3	0.59	0.6	0.17
(15,1239)	1:39:A:VAL:HA	1:139:A:LEU:HD22	3	0.59	0.6	0.17
(15,1239)	1:39:A:VAL:HA	1:139:A:LEU:HD23	3	0.59	0.6	0.17
(17,1248)	1:39:A:VAL:HA	1:139:A:LEU:HD21	3	0.59	0.6	0.17
(17,1248)	1:39:A:VAL:HA	1:139:A:LEU:HD22	3	0.59	0.6	0.17
(17,1248)	1:39:A:VAL:HA	1:139:A:LEU:HD23	3	0.59	0.6	0.17
(18,1246)	1:39:A:VAL:HA	1:139:A:LEU:HD21	3	0.59	0.6	0.17
(18,1246)	1:39:A:VAL:HA	1:139:A:LEU:HD22	3	0.59	0.6	0.17
(18,1246)	1:39:A:VAL:HA	1:139:A:LEU:HD23	3	0.59	0.6	0.17
(33,1246)	1:39:A:VAL:HA	1:139:A:LEU:HD21	3	0.59	0.6	0.17
(33,1246)	1:39:A:VAL:HA	1:139:A:LEU:HD22	3	0.59	0.6	0.17
(33,1246)	1:39:A:VAL:HA	1:139:A:LEU:HD23	3	0.59	0.6	0.17
(34,1269)	1:39:A:VAL:HA	1:139:A:LEU:HD21	3	0.59	0.6	0.17
(34,1269)	1:39:A:VAL:HA	1:139:A:LEU:HD22	3	0.59	0.6	0.17
(34,1269)	1:39:A:VAL:HA	1:139:A:LEU:HD23	3	0.59	0.6	0.17
(18,2022)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	3	0.59	0.27	0.74
(18,2022)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	3	0.59	0.27	0.74
(18,2022)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	3	0.59	0.27	0.74
(18,2022)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	3	0.59	0.27	0.74
(18,2022)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	3	0.59	0.27	0.74
(18,2022)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	3	0.59	0.27	0.74
(18,2022)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	3	0.59	0.27	0.74
(18,2022)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	3	0.59	0.27	0.74
(18,2022)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	3	0.59	0.27	0.74
(18,2022)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	3	0.59	0.27	0.74
(18,2022)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	3	0.59	0.27	0.74
(18,2022)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	3	0.59	0.27	0.74
(1,93)	1:150:A:THR:HA	1:151:A:PHE:H	3	0.59	0.0	0.59
(3,89)	1:150:A:THR:HA	1:151:A:PHE:H	3	0.59	0.0	0.59
(4,90)	1:150:A:THR:HA	1:151:A:PHE:H	3	0.59	0.0	0.59
(6,89)	1:150:A:THR:HA	1:151:A:PHE:H	3	0.59	0.0	0.59
(7,87)	1:150:A:THR:HA	1:151:A:PHE:H	3	0.59	0.0	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,90)	1:150:A:THR:HA	1:151:A:PHE:H	3	0.59	0.0	0.59
(16,86)	1:150:A:THR:HA	1:151:A:PHE:H	3	0.59	0.0	0.59
(17,88)	1:150:A:THR:HA	1:151:A:PHE:H	3	0.59	0.0	0.59
(18,89)	1:150:A:THR:HA	1:151:A:PHE:H	3	0.59	0.0	0.59
(29,91)	1:150:A:THR:HA	1:151:A:PHE:H	3	0.59	0.0	0.59
(30,90)	1:150:A:THR:HA	1:151:A:PHE:H	3	0.59	0.0	0.59
(32,84)	1:150:A:THR:HA	1:151:A:PHE:H	3	0.59	0.0	0.59
(33,93)	1:150:A:THR:HA	1:151:A:PHE:H	3	0.59	0.0	0.59
(34,90)	1:150:A:THR:HA	1:151:A:PHE:H	3	0.59	0.0	0.59
(6,1660)	1:69:A:MET:HE1	1:116:A:GLN:HE22	3	0.58	0.19	0.54
(6,1660)	1:69:A:MET:HE2	1:116:A:GLN:HE22	3	0.58	0.19	0.54
(6,1660)	1:69:A:MET:HE3	1:116:A:GLN:HE22	3	0.58	0.19	0.54
(33,1648)	1:69:A:MET:HE1	1:116:A:GLN:HE22	3	0.58	0.19	0.54
(33,1648)	1:69:A:MET:HE2	1:116:A:GLN:HE22	3	0.58	0.19	0.54
(33,1648)	1:69:A:MET:HE3	1:116:A:GLN:HE22	3	0.58	0.19	0.54
(1,345)	1:120:A:CYS:HA	1:123:A:CYS:H	3	0.57	0.34	0.72
(2,337)	1:120:A:CYS:HA	1:123:A:CYS:H	3	0.57	0.34	0.72
(2,1608)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	3	0.57	0.28	0.72
(2,1608)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	3	0.57	0.28	0.72
(2,1608)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	3	0.57	0.28	0.72
(2,1608)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	3	0.57	0.28	0.72
(2,1608)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	3	0.57	0.28	0.72
(2,1608)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	3	0.57	0.28	0.72
(2,1608)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	3	0.57	0.28	0.72
(2,1608)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	3	0.57	0.28	0.72
(2,1608)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	3	0.57	0.28	0.72
(3,342)	1:120:A:CYS:HA	1:123:A:CYS:H	3	0.57	0.34	0.72
(4,329)	1:120:A:CYS:HA	1:123:A:CYS:H	3	0.57	0.34	0.72
(5,334)	1:120:A:CYS:HA	1:123:A:CYS:H	3	0.57	0.34	0.72
(6,338)	1:120:A:CYS:HA	1:123:A:CYS:H	3	0.57	0.34	0.72
(7,2199)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	3	0.57	0.06	0.55
(7,2199)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	3	0.57	0.06	0.55
(7,2199)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	3	0.57	0.06	0.55
(7,2199)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	3	0.57	0.06	0.55
(7,2199)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	3	0.57	0.06	0.55
(7,2199)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	3	0.57	0.06	0.55
(7,2199)	1:63:A:ILE:HG13	1:117:A:VAL:HG11	3	0.57	0.06	0.55
(7,2199)	1:63:A:ILE:HG13	1:117:A:VAL:HG12	3	0.57	0.06	0.55
(7,2199)	1:63:A:ILE:HG13	1:117:A:VAL:HG13	3	0.57	0.06	0.55
(7,2199)	1:63:A:ILE:HG13	1:117:A:VAL:HG21	3	0.57	0.06	0.55
(7,2199)	1:63:A:ILE:HG13	1:117:A:VAL:HG22	3	0.57	0.06	0.55
(7,2199)	1:63:A:ILE:HG13	1:117:A:VAL:HG23	3	0.57	0.06	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,351)	1:120:A:CYS:HA	1:123:A:CYS:H	3	0.57	0.34	0.72
(11,343)	1:120:A:CYS:HA	1:123:A:CYS:H	3	0.57	0.34	0.72
(13,338)	1:120:A:CYS:HA	1:123:A:CYS:H	3	0.57	0.34	0.72
(15,344)	1:120:A:CYS:HA	1:123:A:CYS:H	3	0.57	0.34	0.72
(16,345)	1:120:A:CYS:HA	1:123:A:CYS:H	3	0.57	0.34	0.72
(17,189)	1:44:A:GLU:H	1:44:A:GLU:HG3	3	0.57	0.13	0.65
(17,189)	1:44:A:GLU:H	1:44:A:GLU:HG2	3	0.57	0.13	0.65
(17,337)	1:120:A:CYS:HA	1:123:A:CYS:H	3	0.57	0.34	0.72
(18,350)	1:120:A:CYS:HA	1:123:A:CYS:H	3	0.57	0.34	0.72
(29,339)	1:120:A:CYS:HA	1:123:A:CYS:H	3	0.57	0.34	0.72
(30,342)	1:120:A:CYS:HA	1:123:A:CYS:H	3	0.57	0.34	0.72
(30,2009)	1:16:A:SER:H	1:131:A:LEU:HD11	3	0.57	0.25	0.7
(30,2009)	1:16:A:SER:H	1:131:A:LEU:HD12	3	0.57	0.25	0.7
(30,2009)	1:16:A:SER:H	1:131:A:LEU:HD13	3	0.57	0.25	0.7
(30,2009)	1:16:A:SER:H	1:131:A:LEU:HD21	3	0.57	0.25	0.7
(30,2009)	1:16:A:SER:H	1:131:A:LEU:HD22	3	0.57	0.25	0.7
(30,2009)	1:16:A:SER:H	1:131:A:LEU:HD23	3	0.57	0.25	0.7
(32,330)	1:120:A:CYS:HA	1:123:A:CYS:H	3	0.57	0.34	0.72
(33,340)	1:120:A:CYS:HA	1:123:A:CYS:H	3	0.57	0.34	0.72
(2,1433)	1:69:A:MET:HE1	1:73:A:ILE:HG21	3	0.57	0.13	0.56
(2,1433)	1:69:A:MET:HE1	1:73:A:ILE:HG22	3	0.57	0.13	0.56
(2,1433)	1:69:A:MET:HE1	1:73:A:ILE:HG23	3	0.57	0.13	0.56
(2,1433)	1:69:A:MET:HE2	1:73:A:ILE:HG21	3	0.57	0.13	0.56
(2,1433)	1:69:A:MET:HE2	1:73:A:ILE:HG22	3	0.57	0.13	0.56
(2,1433)	1:69:A:MET:HE2	1:73:A:ILE:HG23	3	0.57	0.13	0.56
(2,1433)	1:69:A:MET:HE3	1:73:A:ILE:HG21	3	0.57	0.13	0.56
(2,1433)	1:69:A:MET:HE3	1:73:A:ILE:HG22	3	0.57	0.13	0.56
(2,1433)	1:69:A:MET:HE3	1:73:A:ILE:HG23	3	0.57	0.13	0.56
(5,1445)	1:69:A:MET:HE1	1:73:A:ILE:HG21	3	0.57	0.13	0.56
(5,1445)	1:69:A:MET:HE1	1:73:A:ILE:HG22	3	0.57	0.13	0.56
(5,1445)	1:69:A:MET:HE1	1:73:A:ILE:HG23	3	0.57	0.13	0.56
(5,1445)	1:69:A:MET:HE2	1:73:A:ILE:HG21	3	0.57	0.13	0.56
(5,1445)	1:69:A:MET:HE2	1:73:A:ILE:HG22	3	0.57	0.13	0.56
(5,1445)	1:69:A:MET:HE2	1:73:A:ILE:HG23	3	0.57	0.13	0.56
(5,1445)	1:69:A:MET:HE3	1:73:A:ILE:HG21	3	0.57	0.13	0.56
(5,1445)	1:69:A:MET:HE3	1:73:A:ILE:HG22	3	0.57	0.13	0.56
(5,1445)	1:69:A:MET:HE3	1:73:A:ILE:HG23	3	0.57	0.13	0.56
(9,1421)	1:69:A:MET:HE1	1:73:A:ILE:HG21	3	0.57	0.13	0.56
(9,1421)	1:69:A:MET:HE1	1:73:A:ILE:HG22	3	0.57	0.13	0.56
(9,1421)	1:69:A:MET:HE1	1:73:A:ILE:HG23	3	0.57	0.13	0.56
(9,1421)	1:69:A:MET:HE2	1:73:A:ILE:HG21	3	0.57	0.13	0.56
(9,1421)	1:69:A:MET:HE2	1:73:A:ILE:HG22	3	0.57	0.13	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,1421)	1:69:A:MET:HE2	1:73:A:ILE:HG23	3	0.57	0.13	0.56
(9,1421)	1:69:A:MET:HE3	1:73:A:ILE:HG21	3	0.57	0.13	0.56
(9,1421)	1:69:A:MET:HE3	1:73:A:ILE:HG22	3	0.57	0.13	0.56
(9,1421)	1:69:A:MET:HE3	1:73:A:ILE:HG23	3	0.57	0.13	0.56
(11,1445)	1:69:A:MET:HE1	1:73:A:ILE:HG21	3	0.57	0.13	0.56
(11,1445)	1:69:A:MET:HE1	1:73:A:ILE:HG22	3	0.57	0.13	0.56
(11,1445)	1:69:A:MET:HE1	1:73:A:ILE:HG23	3	0.57	0.13	0.56
(11,1445)	1:69:A:MET:HE2	1:73:A:ILE:HG21	3	0.57	0.13	0.56
(11,1445)	1:69:A:MET:HE2	1:73:A:ILE:HG22	3	0.57	0.13	0.56
(11,1445)	1:69:A:MET:HE2	1:73:A:ILE:HG23	3	0.57	0.13	0.56
(11,1445)	1:69:A:MET:HE3	1:73:A:ILE:HG21	3	0.57	0.13	0.56
(11,1445)	1:69:A:MET:HE3	1:73:A:ILE:HG22	3	0.57	0.13	0.56
(11,1445)	1:69:A:MET:HE3	1:73:A:ILE:HG23	3	0.57	0.13	0.56
(17,1446)	1:69:A:MET:HE1	1:73:A:ILE:HG21	3	0.57	0.13	0.56
(17,1446)	1:69:A:MET:HE1	1:73:A:ILE:HG22	3	0.57	0.13	0.56
(17,1446)	1:69:A:MET:HE1	1:73:A:ILE:HG23	3	0.57	0.13	0.56
(17,1446)	1:69:A:MET:HE2	1:73:A:ILE:HG21	3	0.57	0.13	0.56
(17,1446)	1:69:A:MET:HE2	1:73:A:ILE:HG22	3	0.57	0.13	0.56
(17,1446)	1:69:A:MET:HE2	1:73:A:ILE:HG23	3	0.57	0.13	0.56
(17,1446)	1:69:A:MET:HE3	1:73:A:ILE:HG21	3	0.57	0.13	0.56
(17,1446)	1:69:A:MET:HE3	1:73:A:ILE:HG22	3	0.57	0.13	0.56
(17,1446)	1:69:A:MET:HE3	1:73:A:ILE:HG23	3	0.57	0.13	0.56
(30,1427)	1:69:A:MET:HE1	1:73:A:ILE:HG21	3	0.57	0.13	0.56
(30,1427)	1:69:A:MET:HE1	1:73:A:ILE:HG22	3	0.57	0.13	0.56
(30,1427)	1:69:A:MET:HE1	1:73:A:ILE:HG23	3	0.57	0.13	0.56
(30,1427)	1:69:A:MET:HE2	1:73:A:ILE:HG21	3	0.57	0.13	0.56
(30,1427)	1:69:A:MET:HE2	1:73:A:ILE:HG22	3	0.57	0.13	0.56
(30,1427)	1:69:A:MET:HE2	1:73:A:ILE:HG23	3	0.57	0.13	0.56
(30,1427)	1:69:A:MET:HE3	1:73:A:ILE:HG21	3	0.57	0.13	0.56
(30,1427)	1:69:A:MET:HE3	1:73:A:ILE:HG22	3	0.57	0.13	0.56
(30,1427)	1:69:A:MET:HE3	1:73:A:ILE:HG23	3	0.57	0.13	0.56
(32,1392)	1:69:A:MET:HE1	1:73:A:ILE:HG21	3	0.57	0.13	0.56
(32,1392)	1:69:A:MET:HE1	1:73:A:ILE:HG22	3	0.57	0.13	0.56
(32,1392)	1:69:A:MET:HE1	1:73:A:ILE:HG23	3	0.57	0.13	0.56
(32,1392)	1:69:A:MET:HE2	1:73:A:ILE:HG21	3	0.57	0.13	0.56
(32,1392)	1:69:A:MET:HE2	1:73:A:ILE:HG22	3	0.57	0.13	0.56
(32,1392)	1:69:A:MET:HE2	1:73:A:ILE:HG23	3	0.57	0.13	0.56
(32,1392)	1:69:A:MET:HE3	1:73:A:ILE:HG21	3	0.57	0.13	0.56
(32,1392)	1:69:A:MET:HE3	1:73:A:ILE:HG22	3	0.57	0.13	0.56
(32,1392)	1:69:A:MET:HE3	1:73:A:ILE:HG23	3	0.57	0.13	0.56
(2,2166)	1:44:A:GLU:H	1:44:A:GLU:HG2	3	0.57	0.09	0.61
(2,2166)	1:44:A:GLU:H	1:44:A:GLU:HG3	3	0.57	0.09	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,2154)	1:44:A:GLU:H	1:44:A:GLU:HG2	3	0.57	0.09	0.61
(16,2154)	1:44:A:GLU:H	1:44:A:GLU:HG3	3	0.57	0.09	0.61
(17,2076)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	3	0.56	0.34	0.43
(17,2076)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	3	0.56	0.34	0.43
(17,2076)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	3	0.56	0.34	0.43
(17,2076)	1:31:A:PRO:HD2	1:144:A:LEU:HD21	3	0.56	0.34	0.43
(17,2076)	1:31:A:PRO:HD2	1:144:A:LEU:HD22	3	0.56	0.34	0.43
(17,2076)	1:31:A:PRO:HD2	1:144:A:LEU:HD23	3	0.56	0.34	0.43
(17,2076)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	3	0.56	0.34	0.43
(17,2076)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	3	0.56	0.34	0.43
(17,2076)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	3	0.56	0.34	0.43
(17,2076)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	3	0.56	0.34	0.43
(17,2076)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	3	0.56	0.34	0.43
(17,2076)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	3	0.56	0.34	0.43
(6,2279)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	3	0.56	0.19	0.67
(6,2279)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	3	0.56	0.19	0.67
(13,2250)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	3	0.56	0.19	0.67
(13,2250)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	3	0.56	0.19	0.67
(17,2284)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	3	0.56	0.19	0.67
(17,2284)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	3	0.56	0.19	0.67
(32,2275)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	3	0.56	0.19	0.67
(32,2275)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	3	0.56	0.19	0.67
(34,2278)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	3	0.56	0.19	0.67
(34,2278)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	3	0.56	0.19	0.67
(5,2236)	1:68:A:LYS:H	1:69:A:MET:HG2	3	0.55	0.12	0.47
(5,2236)	1:68:A:LYS:H	1:69:A:MET:HG3	3	0.55	0.12	0.47
(6,2130)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	3	0.55	0.07	0.57
(6,2130)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	3	0.55	0.07	0.57
(6,2130)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	3	0.55	0.07	0.57
(6,2130)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	3	0.55	0.07	0.57
(6,2130)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	3	0.55	0.07	0.57
(6,2130)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	3	0.55	0.07	0.57
(6,2130)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	3	0.55	0.07	0.57
(6,2130)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	3	0.55	0.07	0.57
(6,2130)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	3	0.55	0.07	0.57
(6,2130)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	3	0.55	0.07	0.57
(6,2130)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	3	0.55	0.07	0.57
(6,2130)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	3	0.55	0.07	0.57
(13,2210)	1:68:A:LYS:H	1:69:A:MET:HG2	3	0.55	0.12	0.47
(13,2210)	1:68:A:LYS:H	1:69:A:MET:HG3	3	0.55	0.12	0.47
(15,2222)	1:68:A:LYS:H	1:69:A:MET:HG2	3	0.55	0.12	0.47
(15,2222)	1:68:A:LYS:H	1:69:A:MET:HG3	3	0.55	0.12	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,2234)	1:68:A:LYS:H	1:69:A:MET:HG2	3	0.55	0.12	0.47
(16,2234)	1:68:A:LYS:H	1:69:A:MET:HG3	3	0.55	0.12	0.47
(18,2247)	1:68:A:LYS:H	1:69:A:MET:HG2	3	0.55	0.12	0.47
(18,2247)	1:68:A:LYS:H	1:69:A:MET:HG3	3	0.55	0.12	0.47
(29,2233)	1:68:A:LYS:H	1:69:A:MET:HG2	3	0.55	0.12	0.47
(29,2233)	1:68:A:LYS:H	1:69:A:MET:HG3	3	0.55	0.12	0.47
(30,2244)	1:68:A:LYS:H	1:69:A:MET:HG2	3	0.55	0.12	0.47
(30,2244)	1:68:A:LYS:H	1:69:A:MET:HG3	3	0.55	0.12	0.47
(32,2238)	1:68:A:LYS:H	1:69:A:MET:HG2	3	0.55	0.12	0.47
(32,2238)	1:68:A:LYS:H	1:69:A:MET:HG3	3	0.55	0.12	0.47
(34,2234)	1:68:A:LYS:H	1:69:A:MET:HG2	3	0.55	0.12	0.47
(34,2234)	1:68:A:LYS:H	1:69:A:MET:HG3	3	0.55	0.12	0.47
(7,1885)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	3	0.55	0.32	0.39
(7,1885)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	3	0.55	0.32	0.39
(13,1880)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	3	0.55	0.32	0.39
(13,1880)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	3	0.55	0.32	0.39
(15,1898)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	3	0.55	0.32	0.39
(15,1898)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	3	0.55	0.32	0.39
(17,1937)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	3	0.55	0.32	0.39
(17,1937)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	3	0.55	0.32	0.39
(29,1937)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	3	0.55	0.32	0.39
(29,1937)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	3	0.55	0.32	0.39
(33,1921)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	3	0.55	0.32	0.39
(33,1921)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	3	0.55	0.32	0.39
(3,2331)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.55	0.12	0.59
(3,2331)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.55	0.12	0.59
(3,2331)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.55	0.12	0.59
(3,2331)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.55	0.12	0.59
(3,2331)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.55	0.12	0.59
(3,2331)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.55	0.12	0.59
(6,1749)	1:39:A:VAL:HA	1:140:A:LEU:HD11	3	0.55	0.29	0.71
(6,1749)	1:39:A:VAL:HA	1:140:A:LEU:HD12	3	0.55	0.29	0.71
(6,1749)	1:39:A:VAL:HA	1:140:A:LEU:HD13	3	0.55	0.29	0.71
(6,2300)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.55	0.12	0.59
(6,2300)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.55	0.12	0.59
(6,2300)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.55	0.12	0.59
(6,2300)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.55	0.12	0.59
(6,2300)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.55	0.12	0.59
(6,2300)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.55	0.12	0.59
(16,2293)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.55	0.12	0.59
(16,2293)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.55	0.12	0.59
(16,2293)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.55	0.12	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,2293)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.55	0.12	0.59
(16,2293)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.55	0.12	0.59
(16,2293)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.55	0.12	0.59
(7,2025)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	3	0.55	0.25	0.45
(7,2025)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	3	0.55	0.25	0.45
(7,2025)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	3	0.55	0.25	0.45
(7,2025)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	3	0.55	0.25	0.45
(7,2025)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	3	0.55	0.25	0.45
(7,2025)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	3	0.55	0.25	0.45
(7,2025)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	3	0.55	0.25	0.45
(7,2025)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	3	0.55	0.25	0.45
(7,2025)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	3	0.55	0.25	0.45
(7,2025)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	3	0.55	0.25	0.45
(7,2025)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	3	0.55	0.25	0.45
(7,2025)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	3	0.55	0.25	0.45
(30,1744)	1:18:A:PHE:HB2	1:132:A:ALA:HA	3	0.55	0.08	0.59
(30,1744)	1:18:A:PHE:HB3	1:132:A:ALA:HA	3	0.55	0.08	0.59
(1,52)	1:47:A:ALA:H	1:52:A:CYS:HB2	3	0.54	0.17	0.5
(1,52)	1:47:A:ALA:H	1:52:A:CYS:HB3	3	0.54	0.17	0.5
(2,44)	1:47:A:ALA:H	1:52:A:CYS:HB2	3	0.54	0.17	0.5
(2,44)	1:47:A:ALA:H	1:52:A:CYS:HB3	3	0.54	0.17	0.5
(2,1935)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	3	0.54	0.23	0.62
(2,1935)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	3	0.54	0.23	0.62
(5,44)	1:47:A:ALA:H	1:52:A:CYS:HB2	3	0.54	0.17	0.5
(5,44)	1:47:A:ALA:H	1:52:A:CYS:HB3	3	0.54	0.17	0.5
(6,44)	1:47:A:ALA:H	1:52:A:CYS:HB2	3	0.54	0.17	0.5
(6,44)	1:47:A:ALA:H	1:52:A:CYS:HB3	3	0.54	0.17	0.5
(11,50)	1:47:A:ALA:H	1:52:A:CYS:HB2	3	0.54	0.17	0.5
(11,50)	1:47:A:ALA:H	1:52:A:CYS:HB3	3	0.54	0.17	0.5
(13,43)	1:47:A:ALA:H	1:52:A:CYS:HB2	3	0.54	0.17	0.5
(13,43)	1:47:A:ALA:H	1:52:A:CYS:HB3	3	0.54	0.17	0.5
(15,49)	1:47:A:ALA:H	1:52:A:CYS:HB2	3	0.54	0.17	0.5
(15,49)	1:47:A:ALA:H	1:52:A:CYS:HB3	3	0.54	0.17	0.5
(16,46)	1:47:A:ALA:H	1:52:A:CYS:HB2	3	0.54	0.17	0.5
(16,46)	1:47:A:ALA:H	1:52:A:CYS:HB3	3	0.54	0.17	0.5
(17,46)	1:47:A:ALA:H	1:52:A:CYS:HB2	3	0.54	0.17	0.5
(17,46)	1:47:A:ALA:H	1:52:A:CYS:HB3	3	0.54	0.17	0.5
(18,50)	1:47:A:ALA:H	1:52:A:CYS:HB2	3	0.54	0.17	0.5
(18,50)	1:47:A:ALA:H	1:52:A:CYS:HB3	3	0.54	0.17	0.5
(29,50)	1:47:A:ALA:H	1:52:A:CYS:HB2	3	0.54	0.17	0.5
(29,50)	1:47:A:ALA:H	1:52:A:CYS:HB3	3	0.54	0.17	0.5
(30,2184)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	3	0.54	0.3	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,2184)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	3	0.54	0.3	0.37
(30,2184)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	3	0.54	0.3	0.37
(30,2184)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	3	0.54	0.3	0.37
(30,2184)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	3	0.54	0.3	0.37
(30,2184)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	3	0.54	0.3	0.37
(30,2184)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	3	0.54	0.3	0.37
(30,2184)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	3	0.54	0.3	0.37
(30,2184)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	3	0.54	0.3	0.37
(30,2184)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	3	0.54	0.3	0.37
(30,2184)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	3	0.54	0.3	0.37
(30,2184)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	3	0.54	0.3	0.37
(32,44)	1:47:A:ALA:H	1:52:A:CYS:HB2	3	0.54	0.17	0.5
(32,44)	1:47:A:ALA:H	1:52:A:CYS:HB3	3	0.54	0.17	0.5
(33,51)	1:47:A:ALA:H	1:52:A:CYS:HB2	3	0.54	0.17	0.5
(33,51)	1:47:A:ALA:H	1:52:A:CYS:HB3	3	0.54	0.17	0.5
(34,1917)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	3	0.54	0.23	0.62
(34,1917)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	3	0.54	0.23	0.62
(1,1835)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	3	0.54	0.24	0.71
(1,1835)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	3	0.54	0.24	0.71
(1,1835)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	3	0.54	0.24	0.71
(1,1835)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	3	0.54	0.24	0.71
(1,1835)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	3	0.54	0.24	0.71
(1,1835)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	3	0.54	0.24	0.71
(2,1351)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	3	0.54	0.24	0.71
(2,1351)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	3	0.54	0.24	0.71
(2,1351)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	3	0.54	0.24	0.71
(2,1351)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	3	0.54	0.24	0.71
(2,1351)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	3	0.54	0.24	0.71
(2,1351)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	3	0.54	0.24	0.71
(4,1245)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	3	0.54	0.24	0.71
(4,1245)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	3	0.54	0.24	0.71
(4,1245)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	3	0.54	0.24	0.71
(4,1245)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	3	0.54	0.24	0.71
(4,1245)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	3	0.54	0.24	0.71
(4,1245)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	3	0.54	0.24	0.71
(7,1250)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	3	0.54	0.24	0.71
(7,1250)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	3	0.54	0.24	0.71
(7,1250)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	3	0.54	0.24	0.71
(7,1250)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	3	0.54	0.24	0.71
(7,1250)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	3	0.54	0.24	0.71
(7,1250)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	3	0.54	0.24	0.71
(15,1268)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	3	0.54	0.24	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,1268)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	3	0.54	0.24	0.71
(15,1268)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	3	0.54	0.24	0.71
(15,1268)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	3	0.54	0.24	0.71
(15,1268)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	3	0.54	0.24	0.71
(15,1268)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	3	0.54	0.24	0.71
(17,1277)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	3	0.54	0.24	0.71
(17,1277)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	3	0.54	0.24	0.71
(17,1277)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	3	0.54	0.24	0.71
(17,1277)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	3	0.54	0.24	0.71
(17,1277)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	3	0.54	0.24	0.71
(17,1277)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	3	0.54	0.24	0.71
(29,1281)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	3	0.54	0.24	0.71
(29,1281)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	3	0.54	0.24	0.71
(29,1281)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	3	0.54	0.24	0.71
(29,1281)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	3	0.54	0.24	0.71
(29,1281)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	3	0.54	0.24	0.71
(29,1281)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	3	0.54	0.24	0.71
(30,1342)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	3	0.54	0.24	0.71
(30,1342)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	3	0.54	0.24	0.71
(30,1342)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	3	0.54	0.24	0.71
(30,1342)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	3	0.54	0.24	0.71
(30,1342)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	3	0.54	0.24	0.71
(30,1342)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	3	0.54	0.24	0.71
(32,1239)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	3	0.54	0.24	0.71
(32,1239)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	3	0.54	0.24	0.71
(32,1239)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	3	0.54	0.24	0.71
(32,1239)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	3	0.54	0.24	0.71
(32,1239)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	3	0.54	0.24	0.71
(32,1239)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	3	0.54	0.24	0.71
(33,1823)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	3	0.54	0.24	0.71
(33,1823)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	3	0.54	0.24	0.71
(33,1823)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	3	0.54	0.24	0.71
(33,1823)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	3	0.54	0.24	0.71
(33,1823)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	3	0.54	0.24	0.71
(33,1823)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	3	0.54	0.24	0.71
(18,71)	1:81:A:GLU:H	1:81:A:GLU:HB3	3	0.54	0.0	0.54
(32,62)	1:81:A:GLU:H	1:81:A:GLU:HB3	3	0.54	0.0	0.54
(2,311)	1:43:A:MET:H	1:140:A:LEU:HD11	3	0.53	0.38	0.37
(2,311)	1:43:A:MET:H	1:140:A:LEU:HD12	3	0.53	0.38	0.37
(2,311)	1:43:A:MET:H	1:140:A:LEU:HD13	3	0.53	0.38	0.37
(11,2289)	1:79:A:THR:HG21	1:81:A:GLU:HB2	3	0.53	0.34	0.36
(11,2289)	1:79:A:THR:HG21	1:81:A:GLU:HB3	3	0.53	0.34	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,2289)	1:79:A:THR:HG22	1:81:A:GLU:HB2	3	0.53	0.34	0.36
(11,2289)	1:79:A:THR:HG22	1:81:A:GLU:HB3	3	0.53	0.34	0.36
(11,2289)	1:79:A:THR:HG23	1:81:A:GLU:HB2	3	0.53	0.34	0.36
(11,2289)	1:79:A:THR:HG23	1:81:A:GLU:HB3	3	0.53	0.34	0.36
(2,2170)	1:44:A:GLU:HG2	1:45:A:ALA:H	3	0.53	0.23	0.47
(2,2170)	1:44:A:GLU:HG3	1:45:A:ALA:H	3	0.53	0.23	0.47
(3,1151)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	3	0.53	0.01	0.53
(3,1151)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	3	0.53	0.01	0.53
(3,1151)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	3	0.53	0.01	0.53
(6,11)	1:64:A:LYS:H	1:116:A:GLN:HG2	3	0.53	0.19	0.48
(11,13)	1:64:A:LYS:H	1:116:A:GLN:HG2	3	0.53	0.19	0.48
(13,2102)	1:44:A:GLU:HG2	1:45:A:ALA:H	3	0.53	0.23	0.47
(13,2102)	1:44:A:GLU:HG3	1:45:A:ALA:H	3	0.53	0.23	0.47
(15,2128)	1:44:A:GLU:HG2	1:45:A:ALA:H	3	0.53	0.23	0.47
(15,2128)	1:44:A:GLU:HG3	1:45:A:ALA:H	3	0.53	0.23	0.47
(16,2157)	1:44:A:GLU:HG2	1:45:A:ALA:H	3	0.53	0.23	0.47
(16,2157)	1:44:A:GLU:HG3	1:45:A:ALA:H	3	0.53	0.23	0.47
(17,12)	1:64:A:LYS:H	1:116:A:GLN:HG2	3	0.53	0.19	0.48
(18,2151)	1:44:A:GLU:HG2	1:45:A:ALA:H	3	0.53	0.23	0.47
(18,2151)	1:44:A:GLU:HG3	1:45:A:ALA:H	3	0.53	0.23	0.47
(29,13)	1:64:A:LYS:H	1:116:A:GLN:HG2	3	0.53	0.19	0.48
(32,2142)	1:44:A:GLU:HG2	1:45:A:ALA:H	3	0.53	0.23	0.47
(32,2142)	1:44:A:GLU:HG3	1:45:A:ALA:H	3	0.53	0.23	0.47
(33,16)	1:64:A:LYS:H	1:116:A:GLN:HG2	3	0.53	0.19	0.48
(34,12)	1:64:A:LYS:H	1:116:A:GLN:HG2	3	0.53	0.19	0.48
(9,1729)	1:18:A:PHE:HB2	1:132:A:ALA:HA	3	0.53	0.11	0.59
(9,1729)	1:18:A:PHE:HB3	1:132:A:ALA:HA	3	0.53	0.11	0.59
(17,2183)	1:47:A:ALA:H	1:134:A:VAL:HG11	3	0.53	0.33	0.34
(17,2183)	1:47:A:ALA:H	1:134:A:VAL:HG12	3	0.53	0.33	0.34
(17,2183)	1:47:A:ALA:H	1:134:A:VAL:HG13	3	0.53	0.33	0.34
(17,2183)	1:47:A:ALA:H	1:134:A:VAL:HG21	3	0.53	0.33	0.34
(17,2183)	1:47:A:ALA:H	1:134:A:VAL:HG22	3	0.53	0.33	0.34
(17,2183)	1:47:A:ALA:H	1:134:A:VAL:HG23	3	0.53	0.33	0.34
(7,797)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	3	0.52	0.49	0.21
(1,989)	1:43:A:MET:HB2	1:140:A:LEU:HD11	3	0.52	0.29	0.35
(1,989)	1:43:A:MET:HB2	1:140:A:LEU:HD12	3	0.52	0.29	0.35
(1,989)	1:43:A:MET:HB2	1:140:A:LEU:HD13	3	0.52	0.29	0.35
(3,2323)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	3	0.52	0.08	0.57
(3,2323)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	3	0.52	0.08	0.57
(3,2323)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	3	0.52	0.08	0.57
(3,2323)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	3	0.52	0.08	0.57
(3,2323)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	3	0.52	0.08	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,2323)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	3	0.52	0.08	0.57
(3,2323)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	3	0.52	0.08	0.57
(3,2323)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	3	0.52	0.08	0.57
(3,2323)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	3	0.52	0.08	0.57
(3,2323)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	3	0.52	0.08	0.57
(3,2323)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	3	0.52	0.08	0.57
(3,2323)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	3	0.52	0.08	0.57
(11,231)	1:40:A:LEU:HD21	1:44:A:GLU:H	3	0.52	0.06	0.56
(11,231)	1:40:A:LEU:HD22	1:44:A:GLU:H	3	0.52	0.06	0.56
(11,231)	1:40:A:LEU:HD23	1:44:A:GLU:H	3	0.52	0.06	0.56
(17,232)	1:40:A:LEU:HD21	1:44:A:GLU:H	3	0.52	0.06	0.56
(17,232)	1:40:A:LEU:HD22	1:44:A:GLU:H	3	0.52	0.06	0.56
(17,232)	1:40:A:LEU:HD23	1:44:A:GLU:H	3	0.52	0.06	0.56
(30,1174)	1:27:A:ARG:HB3	1:30:A:LEU:HD21	3	0.52	0.32	0.59
(30,1174)	1:27:A:ARG:HB3	1:30:A:LEU:HD22	3	0.52	0.32	0.59
(30,1174)	1:27:A:ARG:HB3	1:30:A:LEU:HD23	3	0.52	0.32	0.59
(33,233)	1:40:A:LEU:HD21	1:44:A:GLU:H	3	0.52	0.06	0.56
(33,233)	1:40:A:LEU:HD22	1:44:A:GLU:H	3	0.52	0.06	0.56
(33,233)	1:40:A:LEU:HD23	1:44:A:GLU:H	3	0.52	0.06	0.56
(9,1204)	1:140:A:LEU:HA	1:140:A:LEU:HD21	3	0.52	0.13	0.58
(9,1204)	1:140:A:LEU:HA	1:140:A:LEU:HD22	3	0.52	0.13	0.58
(9,1204)	1:140:A:LEU:HA	1:140:A:LEU:HD23	3	0.52	0.13	0.58
(2,2144)	1:40:A:LEU:HD11	1:44:A:GLU:H	3	0.51	0.09	0.52
(2,2144)	1:40:A:LEU:HD12	1:44:A:GLU:H	3	0.51	0.09	0.52
(2,2144)	1:40:A:LEU:HD13	1:44:A:GLU:H	3	0.51	0.09	0.52
(2,2144)	1:40:A:LEU:HD21	1:44:A:GLU:H	3	0.51	0.09	0.52
(2,2144)	1:40:A:LEU:HD22	1:44:A:GLU:H	3	0.51	0.09	0.52
(2,2144)	1:40:A:LEU:HD23	1:44:A:GLU:H	3	0.51	0.09	0.52
(3,814)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	3	0.51	0.16	0.54
(3,814)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	3	0.51	0.16	0.54
(3,814)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	3	0.51	0.16	0.54
(5,2126)	1:40:A:LEU:HD11	1:44:A:GLU:H	3	0.51	0.09	0.52
(5,2126)	1:40:A:LEU:HD12	1:44:A:GLU:H	3	0.51	0.09	0.52
(5,2126)	1:40:A:LEU:HD13	1:44:A:GLU:H	3	0.51	0.09	0.52
(5,2126)	1:40:A:LEU:HD21	1:44:A:GLU:H	3	0.51	0.09	0.52
(5,2126)	1:40:A:LEU:HD22	1:44:A:GLU:H	3	0.51	0.09	0.52
(5,2126)	1:40:A:LEU:HD23	1:44:A:GLU:H	3	0.51	0.09	0.52
(17,809)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	3	0.51	0.16	0.54
(17,809)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	3	0.51	0.16	0.54
(17,809)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	3	0.51	0.16	0.54
(33,802)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	3	0.51	0.16	0.54
(33,802)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	3	0.51	0.16	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,802)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	3	0.51	0.16	0.54
(5,478)	1:98:A:ILE:H	1:105:A:LYS:H	3	0.51	0.03	0.52
(15,1913)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	3	0.51	0.33	0.37
(15,1913)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	3	0.51	0.33	0.37
(15,1913)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	3	0.51	0.33	0.37
(15,1913)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	3	0.51	0.33	0.37
(15,1913)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	3	0.51	0.33	0.37
(15,1913)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	3	0.51	0.33	0.37
(15,1913)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	3	0.51	0.33	0.37
(15,1913)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	3	0.51	0.33	0.37
(15,1913)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	3	0.51	0.33	0.37
(15,1913)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	3	0.51	0.33	0.37
(15,1913)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	3	0.51	0.33	0.37
(15,1913)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	3	0.51	0.33	0.37
(18,1072)	1:13:A:ALA:HB1	1:79:A:THR:HA	3	0.51	0.21	0.46
(18,1072)	1:13:A:ALA:HB2	1:79:A:THR:HA	3	0.51	0.21	0.46
(18,1072)	1:13:A:ALA:HB3	1:79:A:THR:HA	3	0.51	0.21	0.46
(2,1675)	1:69:A:MET:HE1	1:116:A:GLN:HE22	3	0.51	0.19	0.47
(2,1675)	1:69:A:MET:HE2	1:116:A:GLN:HE22	3	0.51	0.19	0.47
(2,1675)	1:69:A:MET:HE3	1:116:A:GLN:HE22	3	0.51	0.19	0.47
(2,2048)	1:18:A:PHE:HZ	1:60:A:LEU:HB2	3	0.51	0.16	0.51
(2,2048)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	3	0.51	0.16	0.51
(5,1534)	1:69:A:MET:HE1	1:116:A:GLN:HE22	3	0.51	0.19	0.47
(5,1534)	1:69:A:MET:HE2	1:116:A:GLN:HE22	3	0.51	0.19	0.47
(5,1534)	1:69:A:MET:HE3	1:116:A:GLN:HE22	3	0.51	0.19	0.47
(9,1650)	1:69:A:MET:HE1	1:116:A:GLN:HE22	3	0.51	0.19	0.47
(9,1650)	1:69:A:MET:HE2	1:116:A:GLN:HE22	3	0.51	0.19	0.47
(9,1650)	1:69:A:MET:HE3	1:116:A:GLN:HE22	3	0.51	0.19	0.47
(9,2005)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	3	0.51	0.41	0.26
(9,2005)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	3	0.51	0.41	0.26
(9,2005)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	3	0.51	0.41	0.26
(9,2005)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	3	0.51	0.41	0.26
(9,2005)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	3	0.51	0.41	0.26
(9,2005)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	3	0.51	0.41	0.26
(9,2005)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	3	0.51	0.41	0.26
(9,2005)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	3	0.51	0.41	0.26
(9,2005)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	3	0.51	0.41	0.26
(9,2005)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	3	0.51	0.41	0.26
(9,2005)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	3	0.51	0.41	0.26
(9,2005)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	3	0.51	0.41	0.26
(32,2173)	1:54:A:ARG:HA	1:57:A:LEU:HD11	3	0.51	0.14	0.54
(32,2173)	1:54:A:ARG:HA	1:57:A:LEU:HD12	3	0.51	0.14	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,2173)	1:54:A:ARG:HA	1:57:A:LEU:HD13	3	0.51	0.14	0.54
(32,2173)	1:54:A:ARG:HA	1:57:A:LEU:HD21	3	0.51	0.14	0.54
(32,2173)	1:54:A:ARG:HA	1:57:A:LEU:HD22	3	0.51	0.14	0.54
(32,2173)	1:54:A:ARG:HA	1:57:A:LEU:HD23	3	0.51	0.14	0.54
(17,1245)	1:21:A:THR:HG21	1:23:A:LEU:HA	3	0.5	0.03	0.52
(17,1245)	1:21:A:THR:HG22	1:23:A:LEU:HA	3	0.5	0.03	0.52
(17,1245)	1:21:A:THR:HG23	1:23:A:LEU:HA	3	0.5	0.03	0.52
(2,812)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(2,812)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(2,812)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(4,812)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(4,812)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(4,812)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(5,816)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(5,816)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(5,816)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(7,806)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(7,806)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(7,806)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(9,814)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(9,814)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(9,814)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(11,814)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(11,814)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(11,814)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(13,802)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(13,802)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(13,802)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(17,826)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(17,826)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(17,826)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(18,828)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(18,828)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(18,828)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(29,831)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(29,831)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(29,831)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(30,813)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(30,813)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(30,813)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(33,819)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(33,819)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.5	0.14	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,819)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(34,823)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(34,823)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(34,823)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.5	0.14	0.54
(2,1002)	1:27:A:ARG:HB2	1:28:A:GLY:H	3	0.5	0.1	0.5
(3,1024)	1:27:A:ARG:HB2	1:28:A:GLY:H	3	0.5	0.1	0.5
(4,1274)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	3	0.5	0.22	0.44
(4,1274)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	3	0.5	0.22	0.44
(4,1274)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	3	0.5	0.22	0.44
(5,1013)	1:27:A:ARG:HB2	1:28:A:GLY:H	3	0.5	0.1	0.5
(6,994)	1:27:A:ARG:HB2	1:28:A:GLY:H	3	0.5	0.1	0.5
(15,1012)	1:27:A:ARG:HB2	1:28:A:GLY:H	3	0.5	0.1	0.5
(17,1014)	1:27:A:ARG:HB2	1:28:A:GLY:H	3	0.5	0.1	0.5
(18,1022)	1:27:A:ARG:HB2	1:28:A:GLY:H	3	0.5	0.1	0.5
(29,1019)	1:27:A:ARG:HB2	1:28:A:GLY:H	3	0.5	0.1	0.5
(9,2040)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	3	0.5	0.25	0.4
(9,2040)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	3	0.5	0.25	0.4
(9,2040)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	3	0.5	0.25	0.4
(9,2040)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	3	0.5	0.25	0.4
(9,2040)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	3	0.5	0.25	0.4
(9,2040)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	3	0.5	0.25	0.4
(9,2040)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	3	0.5	0.25	0.4
(9,2040)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	3	0.5	0.25	0.4
(9,2040)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	3	0.5	0.25	0.4
(9,2040)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	3	0.5	0.25	0.4
(9,2040)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	3	0.5	0.25	0.4
(9,2040)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	3	0.5	0.25	0.4
(4,906)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	3	0.49	0.54	0.12
(4,906)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	3	0.49	0.54	0.12
(4,906)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	3	0.49	0.54	0.12
(7,902)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	3	0.49	0.54	0.12
(7,902)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	3	0.49	0.54	0.12
(7,902)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	3	0.49	0.54	0.12
(29,1756)	1:18:A:PHE:HB3	1:132:A:ALA:HA	3	0.49	0.01	0.5
(29,1756)	1:18:A:PHE:HB2	1:132:A:ALA:HA	3	0.49	0.01	0.5
(1,2405)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	3	0.49	0.21	0.4
(1,2405)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	3	0.49	0.21	0.4
(1,2405)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	3	0.49	0.21	0.4
(1,2405)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	3	0.49	0.21	0.4
(1,2405)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	3	0.49	0.21	0.4
(1,2405)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	3	0.49	0.21	0.4
(1,2405)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	3	0.49	0.21	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2405)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	3	0.49	0.21	0.4
(1,2405)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	3	0.49	0.21	0.4
(1,2405)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	3	0.49	0.21	0.4
(1,2405)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	3	0.49	0.21	0.4
(1,2405)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	3	0.49	0.21	0.4
(2,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	3	0.49	0.21	0.4
(2,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	3	0.49	0.21	0.4
(2,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	3	0.49	0.21	0.4
(2,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	3	0.49	0.21	0.4
(2,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	3	0.49	0.21	0.4
(2,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	3	0.49	0.21	0.4
(2,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	3	0.49	0.21	0.4
(2,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	3	0.49	0.21	0.4
(2,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	3	0.49	0.21	0.4
(2,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	3	0.49	0.21	0.4
(2,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	3	0.49	0.21	0.4
(2,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	3	0.49	0.21	0.4
(4,2211)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	3	0.49	0.05	0.47
(4,2211)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	3	0.49	0.05	0.47
(4,2211)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	3	0.49	0.05	0.47
(4,2211)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	3	0.49	0.05	0.47
(4,2211)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	3	0.49	0.05	0.47
(4,2211)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	3	0.49	0.05	0.47
(4,2430)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	3	0.49	0.21	0.4
(4,2430)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	3	0.49	0.21	0.4
(4,2430)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	3	0.49	0.21	0.4
(4,2430)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	3	0.49	0.21	0.4
(4,2430)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	3	0.49	0.21	0.4
(4,2430)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	3	0.49	0.21	0.4
(4,2430)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	3	0.49	0.21	0.4
(4,2430)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	3	0.49	0.21	0.4
(4,2430)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	3	0.49	0.21	0.4
(4,2430)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	3	0.49	0.21	0.4
(4,2430)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	3	0.49	0.21	0.4
(4,2430)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	3	0.49	0.21	0.4
(6,2223)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	3	0.49	0.05	0.47
(6,2223)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	3	0.49	0.05	0.47
(6,2223)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	3	0.49	0.05	0.47
(6,2223)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	3	0.49	0.05	0.47
(6,2223)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	3	0.49	0.05	0.47
(6,2223)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	3	0.49	0.05	0.47
(6,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	3	0.49	0.21	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	3	0.49	0.21	0.4
(6,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	3	0.49	0.21	0.4
(6,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	3	0.49	0.21	0.4
(6,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	3	0.49	0.21	0.4
(6,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	3	0.49	0.21	0.4
(6,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	3	0.49	0.21	0.4
(6,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	3	0.49	0.21	0.4
(6,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	3	0.49	0.21	0.4
(6,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	3	0.49	0.21	0.4
(6,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	3	0.49	0.21	0.4
(6,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	3	0.49	0.21	0.4
(9,2382)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	3	0.49	0.21	0.4
(9,2382)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	3	0.49	0.21	0.4
(9,2382)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	3	0.49	0.21	0.4
(9,2382)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	3	0.49	0.21	0.4
(9,2382)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	3	0.49	0.21	0.4
(9,2382)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	3	0.49	0.21	0.4
(9,2382)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	3	0.49	0.21	0.4
(9,2382)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	3	0.49	0.21	0.4
(9,2382)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	3	0.49	0.21	0.4
(9,2382)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	3	0.49	0.21	0.4
(9,2382)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	3	0.49	0.21	0.4
(9,2382)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	3	0.49	0.21	0.4
(13,2420)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	3	0.49	0.21	0.4
(13,2420)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	3	0.49	0.21	0.4
(13,2420)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	3	0.49	0.21	0.4
(13,2420)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	3	0.49	0.21	0.4
(13,2420)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	3	0.49	0.21	0.4
(13,2420)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	3	0.49	0.21	0.4
(13,2420)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	3	0.49	0.21	0.4
(13,2420)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	3	0.49	0.21	0.4
(13,2420)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	3	0.49	0.21	0.4
(13,2420)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	3	0.49	0.21	0.4
(13,2420)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	3	0.49	0.21	0.4
(13,2420)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	3	0.49	0.21	0.4
(15,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	3	0.49	0.21	0.4
(15,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	3	0.49	0.21	0.4
(15,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	3	0.49	0.21	0.4
(15,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	3	0.49	0.21	0.4
(15,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	3	0.49	0.21	0.4
(15,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	3	0.49	0.21	0.4
(15,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	3	0.49	0.21	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	3	0.49	0.21	0.4
(15,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	3	0.49	0.21	0.4
(15,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	3	0.49	0.21	0.4
(15,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	3	0.49	0.21	0.4
(15,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	3	0.49	0.21	0.4
(16,2434)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	3	0.49	0.21	0.4
(16,2434)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	3	0.49	0.21	0.4
(16,2434)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	3	0.49	0.21	0.4
(16,2434)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	3	0.49	0.21	0.4
(16,2434)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	3	0.49	0.21	0.4
(16,2434)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	3	0.49	0.21	0.4
(16,2434)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	3	0.49	0.21	0.4
(16,2434)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	3	0.49	0.21	0.4
(16,2434)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	3	0.49	0.21	0.4
(16,2434)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	3	0.49	0.21	0.4
(16,2434)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	3	0.49	0.21	0.4
(16,2434)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	3	0.49	0.21	0.4
(18,2231)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	3	0.49	0.05	0.47
(18,2231)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	3	0.49	0.05	0.47
(18,2231)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	3	0.49	0.05	0.47
(18,2231)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	3	0.49	0.05	0.47
(18,2231)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	3	0.49	0.05	0.47
(18,2231)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	3	0.49	0.05	0.47
(18,2417)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	3	0.49	0.21	0.4
(18,2417)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	3	0.49	0.21	0.4
(18,2417)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	3	0.49	0.21	0.4
(18,2417)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	3	0.49	0.21	0.4
(18,2417)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	3	0.49	0.21	0.4
(18,2417)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	3	0.49	0.21	0.4
(18,2417)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	3	0.49	0.21	0.4
(18,2417)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	3	0.49	0.21	0.4
(18,2417)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	3	0.49	0.21	0.4
(18,2417)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	3	0.49	0.21	0.4
(18,2417)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	3	0.49	0.21	0.4
(18,2417)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	3	0.49	0.21	0.4
(34,2450)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	3	0.49	0.21	0.4
(34,2450)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	3	0.49	0.21	0.4
(34,2450)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	3	0.49	0.21	0.4
(34,2450)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	3	0.49	0.21	0.4
(34,2450)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	3	0.49	0.21	0.4
(34,2450)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	3	0.49	0.21	0.4
(34,2450)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	3	0.49	0.21	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,2450)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	3	0.49	0.21	0.4
(34,2450)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	3	0.49	0.21	0.4
(34,2450)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	3	0.49	0.21	0.4
(34,2450)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	3	0.49	0.21	0.4
(34,2450)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	3	0.49	0.21	0.4
(1,476)	1:14:A:VAL:H	1:61:A:SER:HA	3	0.49	0.21	0.57
(2,470)	1:14:A:VAL:H	1:61:A:SER:HA	3	0.49	0.21	0.57
(3,476)	1:14:A:VAL:H	1:61:A:SER:HA	3	0.49	0.21	0.57
(4,464)	1:14:A:VAL:H	1:61:A:SER:HA	3	0.49	0.21	0.57
(5,464)	1:14:A:VAL:H	1:61:A:SER:HA	3	0.49	0.21	0.57
(6,469)	1:14:A:VAL:H	1:61:A:SER:HA	3	0.49	0.21	0.57
(7,475)	1:14:A:VAL:H	1:61:A:SER:HA	3	0.49	0.21	0.57
(15,478)	1:14:A:VAL:H	1:61:A:SER:HA	3	0.49	0.21	0.57
(29,477)	1:14:A:VAL:H	1:61:A:SER:HA	3	0.49	0.21	0.57
(30,473)	1:14:A:VAL:H	1:61:A:SER:HA	3	0.49	0.21	0.57
(32,459)	1:14:A:VAL:H	1:61:A:SER:HA	3	0.49	0.21	0.57
(33,470)	1:14:A:VAL:H	1:61:A:SER:HA	3	0.49	0.21	0.57
(5,858)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	3	0.48	0.04	0.48
(11,1763)	1:21:A:THR:HG21	1:23:A:LEU:HD21	3	0.48	0.25	0.51
(11,1763)	1:21:A:THR:HG21	1:23:A:LEU:HD22	3	0.48	0.25	0.51
(11,1763)	1:21:A:THR:HG21	1:23:A:LEU:HD23	3	0.48	0.25	0.51
(11,1763)	1:21:A:THR:HG22	1:23:A:LEU:HD21	3	0.48	0.25	0.51
(11,1763)	1:21:A:THR:HG22	1:23:A:LEU:HD22	3	0.48	0.25	0.51
(11,1763)	1:21:A:THR:HG22	1:23:A:LEU:HD23	3	0.48	0.25	0.51
(11,1763)	1:21:A:THR:HG23	1:23:A:LEU:HD21	3	0.48	0.25	0.51
(11,1763)	1:21:A:THR:HG23	1:23:A:LEU:HD22	3	0.48	0.25	0.51
(11,1763)	1:21:A:THR:HG23	1:23:A:LEU:HD23	3	0.48	0.25	0.51
(2,1221)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	3	0.48	0.01	0.48
(2,1221)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	3	0.48	0.01	0.48
(2,1221)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	3	0.48	0.01	0.48
(4,171)	1:8:A:ASP:H	1:58:A:ILE:HG13	3	0.48	0.35	0.27
(4,1204)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	3	0.48	0.01	0.48
(4,1204)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	3	0.48	0.01	0.48
(4,1204)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	3	0.48	0.01	0.48
(6,1219)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	3	0.48	0.01	0.48
(6,1219)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	3	0.48	0.01	0.48
(6,1219)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	3	0.48	0.01	0.48
(7,175)	1:8:A:ASP:H	1:58:A:ILE:HG13	3	0.48	0.35	0.27
(11,1245)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	3	0.48	0.01	0.48
(11,1245)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	3	0.48	0.01	0.48
(11,1245)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	3	0.48	0.01	0.48
(13,1202)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	3	0.48	0.01	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1202)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	3	0.48	0.01	0.48
(13,1202)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	3	0.48	0.01	0.48
(15,1818)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	3	0.48	0.18	0.37
(15,1818)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	3	0.48	0.18	0.37
(15,1818)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	3	0.48	0.18	0.37
(18,179)	1:8:A:ASP:H	1:58:A:ILE:HG13	3	0.48	0.35	0.27
(29,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HB	3	0.48	0.26	0.54
(29,1978)	1:11:A:ILE:HG13	1:14:A:VAL:HB	3	0.48	0.26	0.54
(30,173)	1:8:A:ASP:H	1:58:A:ILE:HG13	3	0.48	0.35	0.27
(30,1224)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	3	0.48	0.01	0.48
(30,1224)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	3	0.48	0.01	0.48
(30,1224)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	3	0.48	0.01	0.48
(34,1254)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	3	0.48	0.01	0.48
(34,1254)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	3	0.48	0.01	0.48
(34,1254)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	3	0.48	0.01	0.48
(6,2033)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	3	0.48	0.41	0.23
(6,2033)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	3	0.48	0.41	0.23
(6,2033)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	3	0.48	0.41	0.23
(6,2033)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	3	0.48	0.41	0.23
(6,2033)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	3	0.48	0.41	0.23
(6,2033)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	3	0.48	0.41	0.23
(6,2033)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	3	0.48	0.41	0.23
(6,2033)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	3	0.48	0.41	0.23
(6,2033)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	3	0.48	0.41	0.23
(6,2033)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	3	0.48	0.41	0.23
(6,2033)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	3	0.48	0.41	0.23
(6,2033)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	3	0.48	0.41	0.23
(15,1929)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	3	0.48	0.17	0.56
(15,1929)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	3	0.48	0.17	0.56
(15,1929)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	3	0.48	0.17	0.56
(15,1929)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	3	0.48	0.17	0.56
(29,2073)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	3	0.48	0.25	0.38
(29,2073)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	3	0.48	0.25	0.38
(29,2073)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	3	0.48	0.25	0.38
(29,2073)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	3	0.48	0.25	0.38
(29,2073)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	3	0.48	0.25	0.38
(29,2073)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	3	0.48	0.25	0.38
(29,2073)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	3	0.48	0.25	0.38
(29,2073)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	3	0.48	0.25	0.38
(29,2073)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	3	0.48	0.25	0.38
(29,2073)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	3	0.48	0.25	0.38
(29,2073)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	3	0.48	0.25	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,2073)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	3	0.48	0.25	0.38
(30,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	3	0.48	0.38	0.25
(30,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	3	0.48	0.38	0.25
(30,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	3	0.48	0.38	0.25
(30,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	3	0.48	0.38	0.25
(30,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	3	0.48	0.38	0.25
(30,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	3	0.48	0.38	0.25
(30,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	3	0.48	0.38	0.25
(30,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	3	0.48	0.38	0.25
(30,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	3	0.48	0.38	0.25
(30,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	3	0.48	0.38	0.25
(30,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	3	0.48	0.38	0.25
(30,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	3	0.48	0.38	0.25
(33,1570)	1:97:A:ASP:H	1:98:A:ILE:HD11	3	0.48	0.11	0.48
(33,1570)	1:97:A:ASP:H	1:98:A:ILE:HD12	3	0.48	0.11	0.48
(33,1570)	1:97:A:ASP:H	1:98:A:ILE:HD13	3	0.48	0.11	0.48
(1,2254)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	3	0.48	0.19	0.59
(1,2254)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	3	0.48	0.19	0.59
(33,2289)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	3	0.48	0.19	0.59
(33,2289)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	3	0.48	0.19	0.59
(1,1249)	1:21:A:THR:HG21	1:23:A:LEU:HA	3	0.47	0.03	0.49
(1,1249)	1:21:A:THR:HG22	1:23:A:LEU:HA	3	0.47	0.03	0.49
(1,1249)	1:21:A:THR:HG23	1:23:A:LEU:HA	3	0.47	0.03	0.49
(29,1260)	1:21:A:THR:HG21	1:23:A:LEU:HA	3	0.47	0.03	0.49
(29,1260)	1:21:A:THR:HG22	1:23:A:LEU:HA	3	0.47	0.03	0.49
(29,1260)	1:21:A:THR:HG23	1:23:A:LEU:HA	3	0.47	0.03	0.49
(2,1167)	1:39:A:VAL:HA	1:140:A:LEU:HD21	3	0.47	0.37	0.34
(2,1167)	1:39:A:VAL:HA	1:140:A:LEU:HD22	3	0.47	0.37	0.34
(2,1167)	1:39:A:VAL:HA	1:140:A:LEU:HD23	3	0.47	0.37	0.34
(17,2297)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	3	0.47	0.16	0.49
(17,2297)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	3	0.47	0.16	0.49
(17,2297)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	3	0.47	0.16	0.49
(17,2297)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	3	0.47	0.16	0.49
(17,2297)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	3	0.47	0.16	0.49
(17,2297)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	3	0.47	0.16	0.49
(17,2297)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	3	0.47	0.16	0.49
(17,2297)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	3	0.47	0.16	0.49
(17,2297)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	3	0.47	0.16	0.49
(17,2297)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	3	0.47	0.16	0.49
(17,2297)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	3	0.47	0.16	0.49
(17,2297)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	3	0.47	0.16	0.49
(29,1515)	1:15:A:ALA:HA	1:43:A:MET:HE1	3	0.47	0.33	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,1515)	1:15:A:ALA:HA	1:43:A:MET:HE2	3	0.47	0.33	0.24
(29,1515)	1:15:A:ALA:HA	1:43:A:MET:HE3	3	0.47	0.33	0.24
(1,1658)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	3	0.47	0.3	0.47
(1,1658)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	3	0.47	0.3	0.47
(1,1658)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	3	0.47	0.3	0.47
(3,1872)	1:79:A:THR:HB	1:80:A:TYR:HE1	3	0.47	0.32	0.35
(3,1872)	1:79:A:THR:HB	1:80:A:TYR:HE2	3	0.47	0.32	0.35
(6,1196)	1:140:A:LEU:HA	1:140:A:LEU:HD21	3	0.47	0.13	0.53
(6,1196)	1:140:A:LEU:HA	1:140:A:LEU:HD22	3	0.47	0.13	0.53
(6,1196)	1:140:A:LEU:HA	1:140:A:LEU:HD23	3	0.47	0.13	0.53
(9,908)	1:44:A:GLU:H	1:44:A:GLU:HG3	3	0.47	0.02	0.47
(13,1803)	1:79:A:THR:HB	1:80:A:TYR:HE1	3	0.47	0.32	0.35
(13,1803)	1:79:A:THR:HB	1:80:A:TYR:HE2	3	0.47	0.32	0.35
(16,2047)	1:27:A:ARG:HB2	1:27:A:ARG:HE	3	0.47	0.22	0.5
(16,2047)	1:27:A:ARG:HB3	1:27:A:ARG:HE	3	0.47	0.22	0.5
(29,921)	1:44:A:GLU:H	1:44:A:GLU:HG3	3	0.47	0.02	0.47
(29,1865)	1:79:A:THR:HB	1:80:A:TYR:HE1	3	0.47	0.32	0.35
(29,1865)	1:79:A:THR:HB	1:80:A:TYR:HE2	3	0.47	0.32	0.35
(33,1840)	1:79:A:THR:HB	1:80:A:TYR:HE1	3	0.47	0.32	0.35
(33,1840)	1:79:A:THR:HB	1:80:A:TYR:HE2	3	0.47	0.32	0.35
(33,2049)	1:27:A:ARG:HB2	1:27:A:ARG:HE	3	0.47	0.22	0.5
(33,2049)	1:27:A:ARG:HB3	1:27:A:ARG:HE	3	0.47	0.22	0.5
(34,932)	1:44:A:GLU:H	1:44:A:GLU:HG3	3	0.47	0.02	0.47
(34,1855)	1:79:A:THR:HB	1:80:A:TYR:HE1	3	0.47	0.32	0.35
(34,1855)	1:79:A:THR:HB	1:80:A:TYR:HE2	3	0.47	0.32	0.35
(1,1298)	1:9:A:PHE:HE1	1:14:A:VAL:HG11	3	0.46	0.26	0.36
(1,1298)	1:9:A:PHE:HE1	1:14:A:VAL:HG12	3	0.46	0.26	0.36
(1,1298)	1:9:A:PHE:HE1	1:14:A:VAL:HG13	3	0.46	0.26	0.36
(1,1298)	1:9:A:PHE:HE2	1:14:A:VAL:HG11	3	0.46	0.26	0.36
(1,1298)	1:9:A:PHE:HE2	1:14:A:VAL:HG12	3	0.46	0.26	0.36
(1,1298)	1:9:A:PHE:HE2	1:14:A:VAL:HG13	3	0.46	0.26	0.36
(6,1187)	1:100:A:ALA:HA	1:119:A:LEU:HD21	3	0.46	0.41	0.25
(6,1187)	1:100:A:ALA:HA	1:119:A:LEU:HD22	3	0.46	0.41	0.25
(6,1187)	1:100:A:ALA:HA	1:119:A:LEU:HD23	3	0.46	0.41	0.25
(16,1201)	1:100:A:ALA:HA	1:119:A:LEU:HD21	3	0.46	0.41	0.25
(16,1201)	1:100:A:ALA:HA	1:119:A:LEU:HD22	3	0.46	0.41	0.25
(16,1201)	1:100:A:ALA:HA	1:119:A:LEU:HD23	3	0.46	0.41	0.25
(32,1155)	1:100:A:ALA:HA	1:119:A:LEU:HD21	3	0.46	0.41	0.25
(32,1155)	1:100:A:ALA:HA	1:119:A:LEU:HD22	3	0.46	0.41	0.25
(32,1155)	1:100:A:ALA:HA	1:119:A:LEU:HD23	3	0.46	0.41	0.25
(1,199)	1:44:A:GLU:H	1:44:A:GLU:HG2	3	0.46	0.18	0.51
(5,183)	1:44:A:GLU:H	1:44:A:GLU:HG2	3	0.46	0.18	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,1963)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	3	0.46	0.12	0.4
(17,1963)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	3	0.46	0.12	0.4
(17,1963)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	3	0.46	0.12	0.4
(17,1963)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	3	0.46	0.12	0.4
(18,196)	1:44:A:GLU:H	1:44:A:GLU:HG2	3	0.46	0.18	0.51
(32,182)	1:44:A:GLU:H	1:44:A:GLU:HG2	3	0.46	0.18	0.51
(7,1837)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	3	0.45	0.2	0.34
(7,1837)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	3	0.45	0.2	0.34
(11,1886)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	3	0.45	0.2	0.34
(11,1886)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	3	0.45	0.2	0.34
(1,938)	1:41:A:LYS:HA	1:44:A:GLU:HG3	3	0.45	0.17	0.41
(1,1657)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	3	0.45	0.22	0.39
(1,1657)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	3	0.45	0.22	0.39
(1,1657)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	3	0.45	0.22	0.39
(1,1657)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	3	0.45	0.22	0.39
(1,1657)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	3	0.45	0.22	0.39
(1,1657)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	3	0.45	0.22	0.39
(5,1280)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	3	0.45	0.24	0.62
(5,1280)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	3	0.45	0.24	0.62
(5,1280)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	3	0.45	0.24	0.62
(5,1280)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	3	0.45	0.24	0.62
(5,1280)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	3	0.45	0.24	0.62
(5,1280)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	3	0.45	0.24	0.62
(29,1672)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	3	0.45	0.22	0.39
(29,1672)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	3	0.45	0.22	0.39
(29,1672)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	3	0.45	0.22	0.39
(29,1672)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	3	0.45	0.22	0.39
(29,1672)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	3	0.45	0.22	0.39
(29,1672)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	3	0.45	0.22	0.39
(2,164)	1:94:A:ALA:HB1	1:95:A:ILE:H	3	0.45	0.23	0.44
(2,164)	1:94:A:ALA:HB2	1:95:A:ILE:H	3	0.45	0.23	0.44
(2,164)	1:94:A:ALA:HB3	1:95:A:ILE:H	3	0.45	0.23	0.44
(3,165)	1:94:A:ALA:HB1	1:95:A:ILE:H	3	0.45	0.23	0.44
(3,165)	1:94:A:ALA:HB2	1:95:A:ILE:H	3	0.45	0.23	0.44
(3,165)	1:94:A:ALA:HB3	1:95:A:ILE:H	3	0.45	0.23	0.44
(6,165)	1:94:A:ALA:HB1	1:95:A:ILE:H	3	0.45	0.23	0.44
(6,165)	1:94:A:ALA:HB2	1:95:A:ILE:H	3	0.45	0.23	0.44
(6,165)	1:94:A:ALA:HB3	1:95:A:ILE:H	3	0.45	0.23	0.44
(7,167)	1:94:A:ALA:HB1	1:95:A:ILE:H	3	0.45	0.23	0.44
(7,167)	1:94:A:ALA:HB2	1:95:A:ILE:H	3	0.45	0.23	0.44
(7,167)	1:94:A:ALA:HB3	1:95:A:ILE:H	3	0.45	0.23	0.44
(9,167)	1:94:A:ALA:HB1	1:95:A:ILE:H	3	0.45	0.23	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,167)	1:94:A:ALA:HB2	1:95:A:ILE:H	3	0.45	0.23	0.44
(9,167)	1:94:A:ALA:HB3	1:95:A:ILE:H	3	0.45	0.23	0.44
(11,166)	1:94:A:ALA:HB1	1:95:A:ILE:H	3	0.45	0.23	0.44
(11,166)	1:94:A:ALA:HB2	1:95:A:ILE:H	3	0.45	0.23	0.44
(11,166)	1:94:A:ALA:HB3	1:95:A:ILE:H	3	0.45	0.23	0.44
(13,164)	1:94:A:ALA:HB1	1:95:A:ILE:H	3	0.45	0.23	0.44
(13,164)	1:94:A:ALA:HB2	1:95:A:ILE:H	3	0.45	0.23	0.44
(13,164)	1:94:A:ALA:HB3	1:95:A:ILE:H	3	0.45	0.23	0.44
(15,171)	1:94:A:ALA:HB1	1:95:A:ILE:H	3	0.45	0.23	0.44
(15,171)	1:94:A:ALA:HB2	1:95:A:ILE:H	3	0.45	0.23	0.44
(15,171)	1:94:A:ALA:HB3	1:95:A:ILE:H	3	0.45	0.23	0.44
(16,169)	1:94:A:ALA:HB1	1:95:A:ILE:H	3	0.45	0.23	0.44
(16,169)	1:94:A:ALA:HB2	1:95:A:ILE:H	3	0.45	0.23	0.44
(16,169)	1:94:A:ALA:HB3	1:95:A:ILE:H	3	0.45	0.23	0.44
(17,166)	1:94:A:ALA:HB1	1:95:A:ILE:H	3	0.45	0.23	0.44
(17,166)	1:94:A:ALA:HB2	1:95:A:ILE:H	3	0.45	0.23	0.44
(17,166)	1:94:A:ALA:HB3	1:95:A:ILE:H	3	0.45	0.23	0.44
(18,167)	1:94:A:ALA:HB1	1:95:A:ILE:H	3	0.45	0.23	0.44
(18,167)	1:94:A:ALA:HB2	1:95:A:ILE:H	3	0.45	0.23	0.44
(18,167)	1:94:A:ALA:HB3	1:95:A:ILE:H	3	0.45	0.23	0.44
(29,174)	1:94:A:ALA:HB1	1:95:A:ILE:H	3	0.45	0.23	0.44
(29,174)	1:94:A:ALA:HB2	1:95:A:ILE:H	3	0.45	0.23	0.44
(29,174)	1:94:A:ALA:HB3	1:95:A:ILE:H	3	0.45	0.23	0.44
(30,166)	1:94:A:ALA:HB1	1:95:A:ILE:H	3	0.45	0.23	0.44
(30,166)	1:94:A:ALA:HB2	1:95:A:ILE:H	3	0.45	0.23	0.44
(30,166)	1:94:A:ALA:HB3	1:95:A:ILE:H	3	0.45	0.23	0.44
(32,159)	1:94:A:ALA:HB1	1:95:A:ILE:H	3	0.45	0.23	0.44
(32,159)	1:94:A:ALA:HB2	1:95:A:ILE:H	3	0.45	0.23	0.44
(32,159)	1:94:A:ALA:HB3	1:95:A:ILE:H	3	0.45	0.23	0.44
(33,164)	1:94:A:ALA:HB1	1:95:A:ILE:H	3	0.45	0.23	0.44
(33,164)	1:94:A:ALA:HB2	1:95:A:ILE:H	3	0.45	0.23	0.44
(33,164)	1:94:A:ALA:HB3	1:95:A:ILE:H	3	0.45	0.23	0.44
(34,170)	1:94:A:ALA:HB1	1:95:A:ILE:H	3	0.45	0.23	0.44
(34,170)	1:94:A:ALA:HB2	1:95:A:ILE:H	3	0.45	0.23	0.44
(34,170)	1:94:A:ALA:HB3	1:95:A:ILE:H	3	0.45	0.23	0.44
(2,748)	1:38:A:GLU:H	1:41:A:LYS:HG2	3	0.45	0.18	0.51
(3,766)	1:38:A:GLU:H	1:41:A:LYS:HG2	3	0.45	0.18	0.51
(4,742)	1:38:A:GLU:H	1:41:A:LYS:HG2	3	0.45	0.18	0.51
(5,750)	1:38:A:GLU:H	1:41:A:LYS:HG2	3	0.45	0.18	0.51
(6,745)	1:38:A:GLU:H	1:41:A:LYS:HG2	3	0.45	0.18	0.51
(7,745)	1:38:A:GLU:H	1:41:A:LYS:HG2	3	0.45	0.18	0.51
(9,752)	1:38:A:GLU:H	1:41:A:LYS:HG2	3	0.45	0.18	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,753)	1:38:A:GLU:H	1:41:A:LYS:HG2	3	0.45	0.18	0.51
(13,739)	1:38:A:GLU:H	1:41:A:LYS:HG2	3	0.45	0.18	0.51
(15,756)	1:38:A:GLU:H	1:41:A:LYS:HG2	3	0.45	0.18	0.51
(15,1714)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.45	0.33	0.23
(15,1714)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.45	0.33	0.23
(15,1714)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.45	0.33	0.23
(15,1714)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.45	0.33	0.23
(15,1714)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.45	0.33	0.23
(15,1714)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.45	0.33	0.23
(16,764)	1:38:A:GLU:H	1:41:A:LYS:HG2	3	0.45	0.18	0.51
(30,1731)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.45	0.33	0.23
(30,1731)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.45	0.33	0.23
(30,1731)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.45	0.33	0.23
(30,1731)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.45	0.33	0.23
(30,1731)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.45	0.33	0.23
(30,1731)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.45	0.33	0.23
(34,759)	1:38:A:GLU:H	1:41:A:LYS:HG2	3	0.45	0.18	0.51
(4,45)	1:98:A:ILE:H	1:104:A:PHE:HB3	3	0.45	0.11	0.46
(16,513)	1:70:A:LYS:HE2	1:71:A:LYS:H	3	0.45	0.27	0.47
(16,513)	1:70:A:LYS:HE3	1:71:A:LYS:H	3	0.45	0.27	0.47
(7,2106)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	3	0.44	0.07	0.46
(7,2106)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	3	0.44	0.07	0.46
(7,2106)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	3	0.44	0.07	0.46
(7,2106)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	3	0.44	0.07	0.46
(7,2106)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	3	0.44	0.07	0.46
(7,2106)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	3	0.44	0.07	0.46
(7,2106)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	3	0.44	0.07	0.46
(7,2106)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	3	0.44	0.07	0.46
(7,2106)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	3	0.44	0.07	0.46
(7,2106)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	3	0.44	0.07	0.46
(7,2106)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	3	0.44	0.07	0.46
(7,2106)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	3	0.44	0.07	0.46
(33,1992)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG11	1:60:A:LEU:HD21	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG11	1:60:A:LEU:HD22	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG11	1:60:A:LEU:HD23	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG12	1:60:A:LEU:HD21	3	0.44	0.24	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,1992)	1:14:A:VAL:HG12	1:60:A:LEU:HD22	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG12	1:60:A:LEU:HD23	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG13	1:60:A:LEU:HD21	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG13	1:60:A:LEU:HD22	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG13	1:60:A:LEU:HD23	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG21	1:60:A:LEU:HD21	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG21	1:60:A:LEU:HD22	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG21	1:60:A:LEU:HD23	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG22	1:60:A:LEU:HD21	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG22	1:60:A:LEU:HD22	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG22	1:60:A:LEU:HD23	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG23	1:60:A:LEU:HD21	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG23	1:60:A:LEU:HD22	3	0.44	0.24	0.57
(33,1992)	1:14:A:VAL:HG23	1:60:A:LEU:HD23	3	0.44	0.24	0.57
(33,2288)	1:79:A:THR:HG21	1:81:A:GLU:HB2	3	0.44	0.34	0.27
(33,2288)	1:79:A:THR:HG21	1:81:A:GLU:HB3	3	0.44	0.34	0.27
(33,2288)	1:79:A:THR:HG22	1:81:A:GLU:HB2	3	0.44	0.34	0.27
(33,2288)	1:79:A:THR:HG22	1:81:A:GLU:HB3	3	0.44	0.34	0.27
(33,2288)	1:79:A:THR:HG23	1:81:A:GLU:HB2	3	0.44	0.34	0.27
(33,2288)	1:79:A:THR:HG23	1:81:A:GLU:HB3	3	0.44	0.34	0.27
(1,1248)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	3	0.44	0.17	0.37
(1,1248)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	3	0.44	0.17	0.37
(1,1248)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	3	0.44	0.17	0.37
(1,1248)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	3	0.44	0.17	0.37
(1,1248)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	3	0.44	0.17	0.37
(1,1248)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	3	0.44	0.17	0.37
(2,1504)	1:12:A:VAL:H	1:43:A:MET:HE1	3	0.44	0.24	0.31
(2,1504)	1:12:A:VAL:H	1:43:A:MET:HE2	3	0.44	0.24	0.31
(2,1504)	1:12:A:VAL:H	1:43:A:MET:HE3	3	0.44	0.24	0.31
(9,1497)	1:12:A:VAL:H	1:43:A:MET:HE1	3	0.44	0.24	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,1497)	1:12:A:VAL:H	1:43:A:MET:HE2	3	0.44	0.24	0.31
(9,1497)	1:12:A:VAL:H	1:43:A:MET:HE3	3	0.44	0.24	0.31
(11,1523)	1:12:A:VAL:H	1:43:A:MET:HE1	3	0.44	0.24	0.31
(11,1523)	1:12:A:VAL:H	1:43:A:MET:HE2	3	0.44	0.24	0.31
(11,1523)	1:12:A:VAL:H	1:43:A:MET:HE3	3	0.44	0.24	0.31
(13,1475)	1:12:A:VAL:H	1:43:A:MET:HE1	3	0.44	0.24	0.31
(13,1475)	1:12:A:VAL:H	1:43:A:MET:HE2	3	0.44	0.24	0.31
(13,1475)	1:12:A:VAL:H	1:43:A:MET:HE3	3	0.44	0.24	0.31
(32,1460)	1:12:A:VAL:H	1:43:A:MET:HE1	3	0.44	0.24	0.31
(32,1460)	1:12:A:VAL:H	1:43:A:MET:HE2	3	0.44	0.24	0.31
(32,1460)	1:12:A:VAL:H	1:43:A:MET:HE3	3	0.44	0.24	0.31
(1,1616)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	3	0.44	0.17	0.35
(1,1616)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	3	0.44	0.17	0.35
(1,1616)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	3	0.44	0.17	0.35
(5,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	3	0.44	0.17	0.35
(5,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	3	0.44	0.17	0.35
(5,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	3	0.44	0.17	0.35
(13,1571)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	3	0.44	0.17	0.35
(13,1571)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	3	0.44	0.17	0.35
(13,1571)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	3	0.44	0.17	0.35
(15,1594)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	3	0.44	0.17	0.35
(15,1594)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	3	0.44	0.17	0.35
(15,1594)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	3	0.44	0.17	0.35
(17,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	3	0.44	0.17	0.35
(17,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	3	0.44	0.17	0.35
(17,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	3	0.44	0.17	0.35
(29,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	3	0.44	0.17	0.35
(29,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	3	0.44	0.17	0.35
(29,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	3	0.44	0.17	0.35
(30,1606)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	3	0.44	0.17	0.35
(30,1606)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	3	0.44	0.17	0.35
(30,1606)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	3	0.44	0.17	0.35
(32,1566)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	3	0.44	0.17	0.35
(32,1566)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	3	0.44	0.17	0.35
(32,1566)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	3	0.44	0.17	0.35
(33,188)	1:44:A:GLU:H	1:44:A:GLU:HG3	3	0.44	0.02	0.44
(33,1593)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	3	0.44	0.17	0.35
(33,1593)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	3	0.44	0.17	0.35
(33,1593)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	3	0.44	0.17	0.35
(5,873)	1:123:A:CYS:HB3	1:128:A:LEU:HD11	3	0.43	0.09	0.48
(5,873)	1:123:A:CYS:HB3	1:128:A:LEU:HD12	3	0.43	0.09	0.48
(5,873)	1:123:A:CYS:HB3	1:128:A:LEU:HD13	3	0.43	0.09	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,438)	1:143:A:TRP:H	1:144:A:LEU:HD21	3	0.43	0.03	0.42
(7,438)	1:143:A:TRP:H	1:144:A:LEU:HD22	3	0.43	0.03	0.42
(7,438)	1:143:A:TRP:H	1:144:A:LEU:HD23	3	0.43	0.03	0.42
(15,2207)	1:65:A:CYS:HB2	1:69:A:MET:HE1	3	0.43	0.15	0.52
(15,2207)	1:65:A:CYS:HB2	1:69:A:MET:HE2	3	0.43	0.15	0.52
(15,2207)	1:65:A:CYS:HB2	1:69:A:MET:HE3	3	0.43	0.15	0.52
(15,2207)	1:65:A:CYS:HB3	1:69:A:MET:HE1	3	0.43	0.15	0.52
(15,2207)	1:65:A:CYS:HB3	1:69:A:MET:HE2	3	0.43	0.15	0.52
(15,2207)	1:65:A:CYS:HB3	1:69:A:MET:HE3	3	0.43	0.15	0.52
(17,2238)	1:65:A:CYS:HB2	1:69:A:MET:HE1	3	0.43	0.15	0.52
(17,2238)	1:65:A:CYS:HB2	1:69:A:MET:HE2	3	0.43	0.15	0.52
(17,2238)	1:65:A:CYS:HB2	1:69:A:MET:HE3	3	0.43	0.15	0.52
(17,2238)	1:65:A:CYS:HB3	1:69:A:MET:HE1	3	0.43	0.15	0.52
(17,2238)	1:65:A:CYS:HB3	1:69:A:MET:HE2	3	0.43	0.15	0.52
(17,2238)	1:65:A:CYS:HB3	1:69:A:MET:HE3	3	0.43	0.15	0.52
(29,2225)	1:65:A:CYS:HB2	1:69:A:MET:HE1	3	0.43	0.15	0.52
(29,2225)	1:65:A:CYS:HB2	1:69:A:MET:HE2	3	0.43	0.15	0.52
(29,2225)	1:65:A:CYS:HB2	1:69:A:MET:HE3	3	0.43	0.15	0.52
(29,2225)	1:65:A:CYS:HB3	1:69:A:MET:HE1	3	0.43	0.15	0.52
(29,2225)	1:65:A:CYS:HB3	1:69:A:MET:HE2	3	0.43	0.15	0.52
(29,2225)	1:65:A:CYS:HB3	1:69:A:MET:HE3	3	0.43	0.15	0.52
(30,868)	1:123:A:CYS:HB3	1:128:A:LEU:HD11	3	0.43	0.09	0.48
(30,868)	1:123:A:CYS:HB3	1:128:A:LEU:HD12	3	0.43	0.09	0.48
(30,868)	1:123:A:CYS:HB3	1:128:A:LEU:HD13	3	0.43	0.09	0.48
(7,1945)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	3	0.43	0.12	0.39
(7,1945)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	3	0.43	0.12	0.39
(7,1945)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	3	0.43	0.12	0.39
(7,1945)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	3	0.43	0.12	0.39
(7,1945)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	3	0.43	0.12	0.39
(7,1945)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	3	0.43	0.12	0.39
(2,918)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	3	0.43	0.14	0.4
(2,918)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	3	0.43	0.14	0.4
(3,944)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	3	0.43	0.14	0.4
(3,944)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	3	0.43	0.14	0.4
(3,1132)	1:41:A:LYS:HA	1:44:A:GLU:HG2	3	0.43	0.12	0.46
(13,909)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	3	0.43	0.14	0.4
(13,909)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	3	0.43	0.14	0.4
(16,941)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	3	0.43	0.14	0.4
(16,941)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	3	0.43	0.14	0.4
(17,2012)	1:14:A:VAL:HG11	1:62:A:HIS:H	3	0.43	0.1	0.46
(17,2012)	1:14:A:VAL:HG12	1:62:A:HIS:H	3	0.43	0.1	0.46
(17,2012)	1:14:A:VAL:HG13	1:62:A:HIS:H	3	0.43	0.1	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,2012)	1:14:A:VAL:HG21	1:62:A:HIS:H	3	0.43	0.1	0.46
(17,2012)	1:14:A:VAL:HG22	1:62:A:HIS:H	3	0.43	0.1	0.46
(17,2012)	1:14:A:VAL:HG23	1:62:A:HIS:H	3	0.43	0.1	0.46
(18,936)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	3	0.43	0.14	0.4
(18,936)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	3	0.43	0.14	0.4
(30,924)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	3	0.43	0.14	0.4
(30,924)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	3	0.43	0.14	0.4
(32,1990)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	3	0.43	0.41	0.18
(32,1990)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	3	0.43	0.41	0.18
(32,1990)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	3	0.43	0.41	0.18
(32,1990)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	3	0.43	0.41	0.18
(32,1990)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	3	0.43	0.41	0.18
(32,1990)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	3	0.43	0.41	0.18
(32,1990)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	3	0.43	0.41	0.18
(32,1990)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	3	0.43	0.41	0.18
(32,1990)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	3	0.43	0.41	0.18
(32,1990)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	3	0.43	0.41	0.18
(32,1990)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	3	0.43	0.41	0.18
(32,1990)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	3	0.43	0.41	0.18
(11,1935)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	3	0.42	0.1	0.36
(11,1935)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	3	0.42	0.1	0.36
(3,948)	1:79:A:THR:HG21	1:81:A:GLU:HG2	3	0.42	0.32	0.27
(3,948)	1:79:A:THR:HG21	1:81:A:GLU:HG3	3	0.42	0.32	0.27
(3,948)	1:79:A:THR:HG22	1:81:A:GLU:HG2	3	0.42	0.32	0.27
(3,948)	1:79:A:THR:HG22	1:81:A:GLU:HG3	3	0.42	0.32	0.27
(3,948)	1:79:A:THR:HG23	1:81:A:GLU:HG2	3	0.42	0.32	0.27
(3,948)	1:79:A:THR:HG23	1:81:A:GLU:HG3	3	0.42	0.32	0.27
(3,1140)	1:41:A:LYS:HA	1:44:A:GLU:HG3	3	0.42	0.17	0.38
(4,926)	1:79:A:THR:HG21	1:81:A:GLU:HG2	3	0.42	0.32	0.27
(4,926)	1:79:A:THR:HG21	1:81:A:GLU:HG3	3	0.42	0.32	0.27
(4,926)	1:79:A:THR:HG22	1:81:A:GLU:HG2	3	0.42	0.32	0.27
(4,926)	1:79:A:THR:HG22	1:81:A:GLU:HG3	3	0.42	0.32	0.27
(4,926)	1:79:A:THR:HG23	1:81:A:GLU:HG2	3	0.42	0.32	0.27
(4,926)	1:79:A:THR:HG23	1:81:A:GLU:HG3	3	0.42	0.32	0.27
(5,933)	1:79:A:THR:HG21	1:81:A:GLU:HG2	3	0.42	0.32	0.27
(5,933)	1:79:A:THR:HG21	1:81:A:GLU:HG3	3	0.42	0.32	0.27
(5,933)	1:79:A:THR:HG22	1:81:A:GLU:HG2	3	0.42	0.32	0.27
(5,933)	1:79:A:THR:HG22	1:81:A:GLU:HG3	3	0.42	0.32	0.27
(5,933)	1:79:A:THR:HG23	1:81:A:GLU:HG2	3	0.42	0.32	0.27
(5,933)	1:79:A:THR:HG23	1:81:A:GLU:HG3	3	0.42	0.32	0.27
(9,1119)	1:41:A:LYS:HA	1:44:A:GLU:HG3	3	0.42	0.17	0.38
(9,1926)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	3	0.42	0.33	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,1926)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	3	0.42	0.33	0.28
(9,1926)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	3	0.42	0.33	0.28
(9,1926)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	3	0.42	0.33	0.28
(9,1926)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	3	0.42	0.33	0.28
(9,1926)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	3	0.42	0.33	0.28
(9,1926)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	3	0.42	0.33	0.28
(9,1926)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	3	0.42	0.33	0.28
(9,1926)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	3	0.42	0.33	0.28
(9,1926)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	3	0.42	0.33	0.28
(9,1926)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	3	0.42	0.33	0.28
(9,1926)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	3	0.42	0.33	0.28
(11,1126)	1:41:A:LYS:HA	1:44:A:GLU:HG3	3	0.42	0.17	0.38
(13,912)	1:79:A:THR:HG21	1:81:A:GLU:HG2	3	0.42	0.32	0.27
(13,912)	1:79:A:THR:HG21	1:81:A:GLU:HG3	3	0.42	0.32	0.27
(13,912)	1:79:A:THR:HG22	1:81:A:GLU:HG2	3	0.42	0.32	0.27
(13,912)	1:79:A:THR:HG22	1:81:A:GLU:HG3	3	0.42	0.32	0.27
(13,912)	1:79:A:THR:HG23	1:81:A:GLU:HG2	3	0.42	0.32	0.27
(13,912)	1:79:A:THR:HG23	1:81:A:GLU:HG3	3	0.42	0.32	0.27
(17,1128)	1:41:A:LYS:HA	1:44:A:GLU:HG3	3	0.42	0.17	0.38
(29,1130)	1:41:A:LYS:HA	1:44:A:GLU:HG3	3	0.42	0.17	0.38
(30,927)	1:79:A:THR:HG21	1:81:A:GLU:HG2	3	0.42	0.32	0.27
(30,927)	1:79:A:THR:HG21	1:81:A:GLU:HG3	3	0.42	0.32	0.27
(30,927)	1:79:A:THR:HG22	1:81:A:GLU:HG2	3	0.42	0.32	0.27
(30,927)	1:79:A:THR:HG22	1:81:A:GLU:HG3	3	0.42	0.32	0.27
(30,927)	1:79:A:THR:HG23	1:81:A:GLU:HG2	3	0.42	0.32	0.27
(30,927)	1:79:A:THR:HG23	1:81:A:GLU:HG3	3	0.42	0.32	0.27
(33,936)	1:79:A:THR:HG21	1:81:A:GLU:HG2	3	0.42	0.32	0.27
(33,936)	1:79:A:THR:HG21	1:81:A:GLU:HG3	3	0.42	0.32	0.27
(33,936)	1:79:A:THR:HG22	1:81:A:GLU:HG2	3	0.42	0.32	0.27
(33,936)	1:79:A:THR:HG22	1:81:A:GLU:HG3	3	0.42	0.32	0.27
(33,936)	1:79:A:THR:HG23	1:81:A:GLU:HG2	3	0.42	0.32	0.27
(33,936)	1:79:A:THR:HG23	1:81:A:GLU:HG3	3	0.42	0.32	0.27
(33,1114)	1:41:A:LYS:HA	1:44:A:GLU:HG3	3	0.42	0.17	0.38
(34,1147)	1:41:A:LYS:HA	1:44:A:GLU:HG3	3	0.42	0.17	0.38
(6,2080)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	0.42	0.39	0.18
(6,2080)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	0.42	0.39	0.18
(6,2080)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	0.42	0.39	0.18
(6,2080)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	3	0.42	0.39	0.18
(6,2080)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	3	0.42	0.39	0.18
(6,2080)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	3	0.42	0.39	0.18
(11,1924)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	3	0.42	0.11	0.49
(11,1924)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	3	0.42	0.11	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,1924)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	3	0.42	0.11	0.49
(11,1924)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	3	0.42	0.11	0.49
(11,1924)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	3	0.42	0.11	0.49
(11,1924)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	3	0.42	0.11	0.49
(33,2087)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	0.42	0.39	0.18
(33,2087)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	0.42	0.39	0.18
(33,2087)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	0.42	0.39	0.18
(33,2087)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	3	0.42	0.39	0.18
(33,2087)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	3	0.42	0.39	0.18
(33,2087)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	3	0.42	0.39	0.18
(34,1569)	1:39:A:VAL:H	1:139:A:LEU:HD11	3	0.42	0.05	0.44
(34,1569)	1:39:A:VAL:H	1:139:A:LEU:HD12	3	0.42	0.05	0.44
(34,1569)	1:39:A:VAL:H	1:139:A:LEU:HD13	3	0.42	0.05	0.44
(6,2078)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	3	0.41	0.32	0.26
(6,2078)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	3	0.41	0.32	0.26
(6,2078)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	3	0.41	0.32	0.26
(6,2078)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	3	0.41	0.32	0.26
(6,2078)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	3	0.41	0.32	0.26
(6,2078)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	3	0.41	0.32	0.26
(6,2078)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	3	0.41	0.32	0.26
(6,2078)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	3	0.41	0.32	0.26
(6,2078)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	3	0.41	0.32	0.26
(6,2078)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	3	0.41	0.32	0.26
(6,2078)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	3	0.41	0.32	0.26
(6,2078)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	3	0.41	0.32	0.26
(6,2430)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	3	0.41	0.21	0.52
(6,2430)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	3	0.41	0.21	0.52
(6,2430)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	3	0.41	0.21	0.52
(6,2430)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	3	0.41	0.21	0.52
(6,2430)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	3	0.41	0.21	0.52
(6,2430)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	3	0.41	0.21	0.52
(6,2430)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	3	0.41	0.21	0.52
(6,2430)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	3	0.41	0.21	0.52
(6,2430)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	3	0.41	0.21	0.52
(6,2430)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	3	0.41	0.21	0.52
(6,2430)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	3	0.41	0.21	0.52
(6,2430)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	3	0.41	0.21	0.52
(1,1829)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	3	0.41	0.14	0.5
(1,1829)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	3	0.41	0.14	0.5
(1,1829)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	3	0.41	0.14	0.5
(1,1829)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	3	0.41	0.14	0.5
(1,1829)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	3	0.41	0.14	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1829)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	3	0.41	0.14	0.5
(6,2398)	1:125:A:THR:HB	1:129:A:LYS:HG2	3	0.41	0.2	0.5
(6,2398)	1:125:A:THR:HB	1:129:A:LYS:HG3	3	0.41	0.2	0.5
(16,1851)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	3	0.41	0.2	0.3
(16,1851)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	3	0.41	0.2	0.3
(17,2149)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	3	0.41	0.07	0.43
(17,2149)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	3	0.41	0.07	0.43
(17,2149)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	3	0.41	0.07	0.43
(17,2149)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	3	0.41	0.07	0.43
(17,2149)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	3	0.41	0.07	0.43
(17,2149)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	3	0.41	0.07	0.43
(17,2149)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	3	0.41	0.07	0.43
(17,2149)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	3	0.41	0.07	0.43
(17,2149)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	3	0.41	0.07	0.43
(17,2149)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	3	0.41	0.07	0.43
(17,2149)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	3	0.41	0.07	0.43
(17,2149)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	3	0.41	0.07	0.43
(32,2394)	1:125:A:THR:HB	1:129:A:LYS:HG2	3	0.41	0.2	0.5
(32,2394)	1:125:A:THR:HB	1:129:A:LYS:HG3	3	0.41	0.2	0.5
(5,227)	1:10:A:ASN:H	1:13:A:ALA:HB1	3	0.41	0.18	0.47
(5,227)	1:10:A:ASN:H	1:13:A:ALA:HB2	3	0.41	0.18	0.47
(5,227)	1:10:A:ASN:H	1:13:A:ALA:HB3	3	0.41	0.18	0.47
(6,233)	1:10:A:ASN:H	1:13:A:ALA:HB1	3	0.41	0.18	0.47
(6,233)	1:10:A:ASN:H	1:13:A:ALA:HB2	3	0.41	0.18	0.47
(6,233)	1:10:A:ASN:H	1:13:A:ALA:HB3	3	0.41	0.18	0.47
(13,1957)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	3	0.41	0.12	0.37
(13,1957)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	3	0.41	0.12	0.37
(13,1957)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	3	0.41	0.12	0.37
(13,1957)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	3	0.41	0.12	0.37
(13,1957)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	3	0.41	0.12	0.37
(13,1957)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	3	0.41	0.12	0.37
(17,2007)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	3	0.41	0.12	0.37
(17,2007)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	3	0.41	0.12	0.37
(17,2007)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	3	0.41	0.12	0.37
(17,2007)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	3	0.41	0.12	0.37
(17,2007)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	3	0.41	0.12	0.37
(17,2007)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	3	0.41	0.12	0.37
(3,1558)	1:69:A:MET:HE1	1:76:A:ARG:HG2	3	0.41	0.06	0.42
(3,1558)	1:69:A:MET:HE1	1:76:A:ARG:HG3	3	0.41	0.06	0.42
(3,1558)	1:69:A:MET:HE2	1:76:A:ARG:HG2	3	0.41	0.06	0.42
(3,1558)	1:69:A:MET:HE2	1:76:A:ARG:HG3	3	0.41	0.06	0.42
(3,1558)	1:69:A:MET:HE3	1:76:A:ARG:HG2	3	0.41	0.06	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,1558)	1:69:A:MET:HE3	1:76:A:ARG:HG3	3	0.41	0.06	0.42
(9,1986)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	3	0.41	0.19	0.31
(9,1986)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	3	0.41	0.19	0.31
(32,877)	1:20:A:THR:H	1:21:A:THR:HB	3	0.41	0.29	0.31
(2,1799)	1:144:A:LEU:HA	1:144:A:LEU:HD11	3	0.41	0.01	0.41
(2,1799)	1:144:A:LEU:HA	1:144:A:LEU:HD12	3	0.41	0.01	0.41
(2,1799)	1:144:A:LEU:HA	1:144:A:LEU:HD13	3	0.41	0.01	0.41
(3,2055)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	3	0.41	0.38	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,2055)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	3	0.41	0.38	0.18
(3,2055)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	3	0.41	0.38	0.18
(3,2055)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	3	0.41	0.38	0.18
(3,2055)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	3	0.41	0.38	0.18
(3,2055)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	3	0.41	0.38	0.18
(3,2055)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	3	0.41	0.38	0.18
(3,2055)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	3	0.41	0.38	0.18
(3,2055)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	3	0.41	0.38	0.18
(3,2055)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	3	0.41	0.38	0.18
(3,2055)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	3	0.41	0.38	0.18
(3,2055)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	3	0.41	0.38	0.18
(4,1760)	1:144:A:LEU:HA	1:144:A:LEU:HD11	3	0.41	0.01	0.41
(4,1760)	1:144:A:LEU:HA	1:144:A:LEU:HD12	3	0.41	0.01	0.41
(4,1760)	1:144:A:LEU:HA	1:144:A:LEU:HD13	3	0.41	0.01	0.41
(6,1785)	1:144:A:LEU:HA	1:144:A:LEU:HD11	3	0.41	0.01	0.41
(6,1785)	1:144:A:LEU:HA	1:144:A:LEU:HD12	3	0.41	0.01	0.41
(6,1785)	1:144:A:LEU:HA	1:144:A:LEU:HD13	3	0.41	0.01	0.41
(30,1780)	1:144:A:LEU:HA	1:144:A:LEU:HD11	3	0.41	0.01	0.41
(30,1780)	1:144:A:LEU:HA	1:144:A:LEU:HD12	3	0.41	0.01	0.41
(30,1780)	1:144:A:LEU:HA	1:144:A:LEU:HD13	3	0.41	0.01	0.41
(34,1791)	1:144:A:LEU:HA	1:144:A:LEU:HD11	3	0.41	0.01	0.41
(34,1791)	1:144:A:LEU:HA	1:144:A:LEU:HD12	3	0.41	0.01	0.41
(34,1791)	1:144:A:LEU:HA	1:144:A:LEU:HD13	3	0.41	0.01	0.41
(2,827)	1:114:A:ILE:HA	1:114:A:ILE:HD11	3	0.4	0.16	0.33
(2,827)	1:114:A:ILE:HA	1:114:A:ILE:HD12	3	0.4	0.16	0.33
(2,827)	1:114:A:ILE:HA	1:114:A:ILE:HD13	3	0.4	0.16	0.33
(3,846)	1:114:A:ILE:HA	1:114:A:ILE:HD11	3	0.4	0.16	0.33
(3,846)	1:114:A:ILE:HA	1:114:A:ILE:HD12	3	0.4	0.16	0.33
(3,846)	1:114:A:ILE:HA	1:114:A:ILE:HD13	3	0.4	0.16	0.33
(5,831)	1:114:A:ILE:HA	1:114:A:ILE:HD11	3	0.4	0.16	0.33
(5,831)	1:114:A:ILE:HA	1:114:A:ILE:HD12	3	0.4	0.16	0.33
(5,831)	1:114:A:ILE:HA	1:114:A:ILE:HD13	3	0.4	0.16	0.33
(7,821)	1:114:A:ILE:HA	1:114:A:ILE:HD11	3	0.4	0.16	0.33
(7,821)	1:114:A:ILE:HA	1:114:A:ILE:HD12	3	0.4	0.16	0.33
(7,821)	1:114:A:ILE:HA	1:114:A:ILE:HD13	3	0.4	0.16	0.33
(9,829)	1:114:A:ILE:HA	1:114:A:ILE:HD11	3	0.4	0.16	0.33
(9,829)	1:114:A:ILE:HA	1:114:A:ILE:HD12	3	0.4	0.16	0.33
(9,829)	1:114:A:ILE:HA	1:114:A:ILE:HD13	3	0.4	0.16	0.33
(11,829)	1:114:A:ILE:HA	1:114:A:ILE:HD11	3	0.4	0.16	0.33
(11,829)	1:114:A:ILE:HA	1:114:A:ILE:HD12	3	0.4	0.16	0.33
(11,829)	1:114:A:ILE:HA	1:114:A:ILE:HD13	3	0.4	0.16	0.33
(13,818)	1:114:A:ILE:HA	1:114:A:ILE:HD11	3	0.4	0.16	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,818)	1:114:A:ILE:HA	1:114:A:ILE:HD12	3	0.4	0.16	0.33
(13,818)	1:114:A:ILE:HA	1:114:A:ILE:HD13	3	0.4	0.16	0.33
(15,1965)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	3	0.4	0.12	0.36
(15,1965)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	3	0.4	0.12	0.36
(15,1965)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	3	0.4	0.12	0.36
(15,1965)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	3	0.4	0.12	0.36
(15,1965)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	3	0.4	0.12	0.36
(15,1965)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	3	0.4	0.12	0.36
(16,840)	1:114:A:ILE:HA	1:114:A:ILE:HD11	3	0.4	0.16	0.33
(16,840)	1:114:A:ILE:HA	1:114:A:ILE:HD12	3	0.4	0.16	0.33
(16,840)	1:114:A:ILE:HA	1:114:A:ILE:HD13	3	0.4	0.16	0.33
(16,1904)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	3	0.4	0.19	0.3
(16,1904)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	3	0.4	0.19	0.3
(16,1904)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	3	0.4	0.19	0.3
(17,840)	1:114:A:ILE:HA	1:114:A:ILE:HD11	3	0.4	0.16	0.33
(17,840)	1:114:A:ILE:HA	1:114:A:ILE:HD12	3	0.4	0.16	0.33
(17,840)	1:114:A:ILE:HA	1:114:A:ILE:HD13	3	0.4	0.16	0.33
(18,841)	1:114:A:ILE:HA	1:114:A:ILE:HD11	3	0.4	0.16	0.33
(18,841)	1:114:A:ILE:HA	1:114:A:ILE:HD12	3	0.4	0.16	0.33
(18,841)	1:114:A:ILE:HA	1:114:A:ILE:HD13	3	0.4	0.16	0.33
(29,845)	1:114:A:ILE:HA	1:114:A:ILE:HD11	3	0.4	0.16	0.33
(29,845)	1:114:A:ILE:HA	1:114:A:ILE:HD12	3	0.4	0.16	0.33
(29,845)	1:114:A:ILE:HA	1:114:A:ILE:HD13	3	0.4	0.16	0.33
(30,829)	1:114:A:ILE:HA	1:114:A:ILE:HD11	3	0.4	0.16	0.33
(30,829)	1:114:A:ILE:HA	1:114:A:ILE:HD12	3	0.4	0.16	0.33
(30,829)	1:114:A:ILE:HA	1:114:A:ILE:HD13	3	0.4	0.16	0.33
(32,814)	1:114:A:ILE:HA	1:114:A:ILE:HD11	3	0.4	0.16	0.33
(32,814)	1:114:A:ILE:HA	1:114:A:ILE:HD12	3	0.4	0.16	0.33
(32,814)	1:114:A:ILE:HA	1:114:A:ILE:HD13	3	0.4	0.16	0.33
(32,1325)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	3	0.4	0.19	0.3
(32,1325)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	3	0.4	0.19	0.3
(32,1325)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	3	0.4	0.19	0.3
(33,837)	1:114:A:ILE:HA	1:114:A:ILE:HD11	3	0.4	0.16	0.33
(33,837)	1:114:A:ILE:HA	1:114:A:ILE:HD12	3	0.4	0.16	0.33
(33,837)	1:114:A:ILE:HA	1:114:A:ILE:HD13	3	0.4	0.16	0.33
(34,837)	1:114:A:ILE:HA	1:114:A:ILE:HD11	3	0.4	0.16	0.33
(34,837)	1:114:A:ILE:HA	1:114:A:ILE:HD12	3	0.4	0.16	0.33
(34,837)	1:114:A:ILE:HA	1:114:A:ILE:HD13	3	0.4	0.16	0.33
(29,1764)	1:140:A:LEU:HD11	1:144:A:LEU:H	3	0.4	0.37	0.14
(29,1764)	1:140:A:LEU:HD12	1:144:A:LEU:H	3	0.4	0.37	0.14
(29,1764)	1:140:A:LEU:HD13	1:144:A:LEU:H	3	0.4	0.37	0.14
(1,1981)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	3	0.4	0.19	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1981)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	3	0.4	0.19	0.3
(1,1981)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	3	0.4	0.19	0.3
(3,1486)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	3	0.4	0.16	0.41
(3,1486)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	3	0.4	0.16	0.41
(3,1486)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	3	0.4	0.16	0.41
(3,1486)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	3	0.4	0.16	0.41
(3,1486)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	3	0.4	0.16	0.41
(3,1486)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	3	0.4	0.16	0.41
(3,1486)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	3	0.4	0.16	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,1486)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	3	0.4	0.16	0.41
(3,1486)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	3	0.4	0.16	0.41
(3,2026)	1:14:A:VAL:HG11	1:62:A:HIS:H	3	0.4	0.1	0.43
(3,2026)	1:14:A:VAL:HG12	1:62:A:HIS:H	3	0.4	0.1	0.43
(3,2026)	1:14:A:VAL:HG13	1:62:A:HIS:H	3	0.4	0.1	0.43
(3,2026)	1:14:A:VAL:HG21	1:62:A:HIS:H	3	0.4	0.1	0.43
(3,2026)	1:14:A:VAL:HG22	1:62:A:HIS:H	3	0.4	0.1	0.43
(3,2026)	1:14:A:VAL:HG23	1:62:A:HIS:H	3	0.4	0.1	0.43
(18,1804)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	3	0.4	0.28	0.29
(18,1804)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	3	0.4	0.28	0.29
(18,1804)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	3	0.4	0.28	0.29
(18,1804)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	3	0.4	0.28	0.29
(18,1804)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	3	0.4	0.28	0.29
(18,1804)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	3	0.4	0.28	0.29
(2,588)	1:70:A:LYS:HB2	1:75:A:GLY:H	3	0.4	0.13	0.46
(2,588)	1:70:A:LYS:HB3	1:75:A:GLY:H	3	0.4	0.13	0.46
(2,1743)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(2,1743)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(2,1743)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(2,1743)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(2,1743)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(2,1743)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(4,1703)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(4,1703)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(4,1703)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(4,1703)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(4,1703)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(4,1703)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(5,585)	1:70:A:LYS:HB2	1:75:A:GLY:H	3	0.4	0.13	0.46
(5,585)	1:70:A:LYS:HB3	1:75:A:GLY:H	3	0.4	0.13	0.46
(6,1725)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(6,1725)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(6,1725)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(6,1725)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(6,1725)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(6,1725)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(9,1716)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(9,1716)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(9,1716)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(9,1716)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(9,1716)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(9,1716)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.4	0.33	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,1939)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	3	0.4	0.17	0.48
(9,1939)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	3	0.4	0.17	0.48
(9,1939)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	3	0.4	0.17	0.48
(9,1939)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	3	0.4	0.17	0.48
(11,1762)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(11,1762)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(11,1762)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(11,1762)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(11,1762)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(11,1762)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(11,1812)	1:144:A:LEU:HA	1:144:A:LEU:HD11	3	0.4	0.01	0.4
(11,1812)	1:144:A:LEU:HA	1:144:A:LEU:HD12	3	0.4	0.01	0.4
(11,1812)	1:144:A:LEU:HA	1:144:A:LEU:HD13	3	0.4	0.01	0.4
(13,1692)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(13,1692)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(13,1692)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(13,1692)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(13,1692)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(13,1692)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(16,1719)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(16,1719)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(16,1719)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(16,1719)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(16,1719)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(16,1719)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(17,1739)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(17,1739)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(17,1739)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(17,1739)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(17,1739)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(17,1739)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(18,1709)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(18,1709)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(18,1709)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(18,1709)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(18,1709)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(18,1709)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(29,1745)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(29,1745)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(29,1745)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(29,1745)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(29,1745)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.4	0.33	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,1745)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(32,1682)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(32,1682)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(32,1682)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(32,1682)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(32,1682)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(32,1682)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(32,1754)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	3	0.4	0.2	0.5
(32,1754)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	3	0.4	0.2	0.5
(32,1754)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	3	0.4	0.2	0.5
(32,1754)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	3	0.4	0.2	0.5
(32,1754)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	3	0.4	0.2	0.5
(32,1754)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	3	0.4	0.2	0.5
(33,1715)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(33,1715)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(33,1715)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(33,1715)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(33,1715)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(33,1715)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(34,1734)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(34,1734)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(34,1734)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(34,1734)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(34,1734)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.4	0.33	0.18
(34,1734)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.4	0.33	0.18
(2,2167)	1:44:A:GLU:H	1:140:A:LEU:HD11	3	0.39	0.12	0.4
(2,2167)	1:44:A:GLU:H	1:140:A:LEU:HD12	3	0.39	0.12	0.4
(2,2167)	1:44:A:GLU:H	1:140:A:LEU:HD13	3	0.39	0.12	0.4
(2,2167)	1:44:A:GLU:H	1:140:A:LEU:HD21	3	0.39	0.12	0.4
(2,2167)	1:44:A:GLU:H	1:140:A:LEU:HD22	3	0.39	0.12	0.4
(2,2167)	1:44:A:GLU:H	1:140:A:LEU:HD23	3	0.39	0.12	0.4
(33,1991)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	3	0.39	0.12	0.35
(33,1991)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	3	0.39	0.12	0.35
(33,1991)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	3	0.39	0.12	0.35
(33,1991)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	3	0.39	0.12	0.35
(33,1991)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	3	0.39	0.12	0.35
(33,1991)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	3	0.39	0.12	0.35
(2,915)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	3	0.39	0.3	0.21
(2,915)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	3	0.39	0.3	0.21
(4,919)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	3	0.39	0.3	0.21
(4,919)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	3	0.39	0.3	0.21
(5,923)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	3	0.39	0.3	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,923)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	3	0.39	0.3	0.21
(6,915)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	3	0.39	0.3	0.21
(6,915)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	3	0.39	0.3	0.21
(7,912)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	3	0.39	0.3	0.21
(7,912)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	3	0.39	0.3	0.21
(9,924)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	3	0.39	0.3	0.21
(9,924)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	3	0.39	0.3	0.21
(13,906)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	3	0.39	0.3	0.21
(13,906)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	3	0.39	0.3	0.21
(15,921)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	3	0.39	0.3	0.21
(15,921)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	3	0.39	0.3	0.21
(16,937)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	3	0.39	0.3	0.21
(16,937)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	3	0.39	0.3	0.21
(29,934)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	3	0.39	0.3	0.21
(29,934)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	3	0.39	0.3	0.21
(34,943)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	3	0.39	0.3	0.21
(34,943)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	3	0.39	0.3	0.21
(1,1586)	1:61:A:SER:HA	1:63:A:ILE:HD11	3	0.39	0.18	0.51
(1,1586)	1:61:A:SER:HA	1:63:A:ILE:HD12	3	0.39	0.18	0.51
(1,1586)	1:61:A:SER:HA	1:63:A:ILE:HD13	3	0.39	0.18	0.51
(4,1554)	1:61:A:SER:HA	1:63:A:ILE:HD11	3	0.39	0.18	0.51
(4,1554)	1:61:A:SER:HA	1:63:A:ILE:HD12	3	0.39	0.18	0.51
(4,1554)	1:61:A:SER:HA	1:63:A:ILE:HD13	3	0.39	0.18	0.51
(7,1951)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	3	0.39	0.19	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1951)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	3	0.39	0.19	0.29
(7,1951)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	3	0.39	0.19	0.29
(18,1557)	1:61:A:SER:HA	1:63:A:ILE:HD11	3	0.39	0.18	0.51
(18,1557)	1:61:A:SER:HA	1:63:A:ILE:HD12	3	0.39	0.18	0.51
(18,1557)	1:61:A:SER:HA	1:63:A:ILE:HD13	3	0.39	0.18	0.51
(30,2000)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	3	0.39	0.19	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,2000)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	3	0.39	0.19	0.29
(30,2000)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	3	0.39	0.19	0.29
(32,1534)	1:61:A:SER:HA	1:63:A:ILE:HD11	3	0.39	0.18	0.51
(32,1534)	1:61:A:SER:HA	1:63:A:ILE:HD12	3	0.39	0.18	0.51
(32,1534)	1:61:A:SER:HA	1:63:A:ILE:HD13	3	0.39	0.18	0.51
(33,1562)	1:61:A:SER:HA	1:63:A:ILE:HD11	3	0.39	0.18	0.51
(33,1562)	1:61:A:SER:HA	1:63:A:ILE:HD12	3	0.39	0.18	0.51
(33,1562)	1:61:A:SER:HA	1:63:A:ILE:HD13	3	0.39	0.18	0.51
(17,39)	1:43:A:MET:HA	1:47:A:ALA:H	3	0.39	0.15	0.42
(2,987)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	3	0.38	0.07	0.43
(2,987)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	3	0.38	0.07	0.43
(2,987)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	3	0.38	0.07	0.43
(6,980)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	3	0.38	0.07	0.43
(6,980)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	3	0.38	0.07	0.43
(6,980)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	3	0.38	0.07	0.43
(15,1776)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	3	0.38	0.34	0.17
(15,1776)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	3	0.38	0.34	0.17
(15,1776)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	3	0.38	0.34	0.17
(15,1776)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	3	0.38	0.34	0.17
(15,1776)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	3	0.38	0.34	0.17
(15,1776)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	3	0.38	0.34	0.17
(15,1776)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	3	0.38	0.34	0.17
(15,1776)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	3	0.38	0.34	0.17
(15,1776)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	3	0.38	0.34	0.17
(15,1776)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	3	0.38	0.34	0.17
(15,1776)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	3	0.38	0.34	0.17
(15,1776)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	3	0.38	0.34	0.17
(18,1289)	1:9:A:PHE:HE1	1:14:A:VAL:HG11	3	0.38	0.26	0.28
(18,1289)	1:9:A:PHE:HE1	1:14:A:VAL:HG12	3	0.38	0.26	0.28
(18,1289)	1:9:A:PHE:HE1	1:14:A:VAL:HG13	3	0.38	0.26	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,1289)	1:9:A:PHE:HE2	1:14:A:VAL:HG11	3	0.38	0.26	0.28
(18,1289)	1:9:A:PHE:HE2	1:14:A:VAL:HG12	3	0.38	0.26	0.28
(18,1289)	1:9:A:PHE:HE2	1:14:A:VAL:HG13	3	0.38	0.26	0.28
(34,827)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	3	0.38	0.11	0.4
(34,827)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	3	0.38	0.11	0.4
(34,827)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	3	0.38	0.11	0.4
(34,827)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	3	0.38	0.11	0.4
(34,827)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	3	0.38	0.11	0.4
(34,827)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	3	0.38	0.11	0.4
(9,1791)	1:9:A:PHE:HD1	1:11:A:ILE:HB	3	0.38	0.23	0.25
(9,1791)	1:9:A:PHE:HD2	1:11:A:ILE:HB	3	0.38	0.23	0.25
(2,1674)	1:69:A:MET:HE1	1:117:A:VAL:HG21	3	0.38	0.18	0.44
(2,1674)	1:69:A:MET:HE1	1:117:A:VAL:HG22	3	0.38	0.18	0.44
(2,1674)	1:69:A:MET:HE1	1:117:A:VAL:HG23	3	0.38	0.18	0.44
(2,1674)	1:69:A:MET:HE2	1:117:A:VAL:HG21	3	0.38	0.18	0.44
(2,1674)	1:69:A:MET:HE2	1:117:A:VAL:HG22	3	0.38	0.18	0.44
(2,1674)	1:69:A:MET:HE2	1:117:A:VAL:HG23	3	0.38	0.18	0.44
(2,1674)	1:69:A:MET:HE3	1:117:A:VAL:HG21	3	0.38	0.18	0.44
(2,1674)	1:69:A:MET:HE3	1:117:A:VAL:HG22	3	0.38	0.18	0.44
(2,1674)	1:69:A:MET:HE3	1:117:A:VAL:HG23	3	0.38	0.18	0.44
(4,1927)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	3	0.38	0.17	0.46
(4,1927)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	3	0.38	0.17	0.46
(4,1927)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	3	0.38	0.17	0.46
(4,1927)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	3	0.38	0.17	0.46
(5,1963)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	3	0.38	0.17	0.46
(5,1963)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	3	0.38	0.17	0.46
(5,1963)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	3	0.38	0.17	0.46
(5,1963)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	3	0.38	0.17	0.46
(7,1911)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	3	0.38	0.17	0.46
(7,1911)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	3	0.38	0.17	0.46
(7,1911)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	3	0.38	0.17	0.46
(7,1911)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	3	0.38	0.17	0.46
(11,1691)	1:69:A:MET:HE1	1:117:A:VAL:HG21	3	0.38	0.18	0.44
(11,1691)	1:69:A:MET:HE1	1:117:A:VAL:HG22	3	0.38	0.18	0.44
(11,1691)	1:69:A:MET:HE1	1:117:A:VAL:HG23	3	0.38	0.18	0.44
(11,1691)	1:69:A:MET:HE2	1:117:A:VAL:HG21	3	0.38	0.18	0.44
(11,1691)	1:69:A:MET:HE2	1:117:A:VAL:HG22	3	0.38	0.18	0.44
(11,1691)	1:69:A:MET:HE2	1:117:A:VAL:HG23	3	0.38	0.18	0.44
(11,1691)	1:69:A:MET:HE3	1:117:A:VAL:HG21	3	0.38	0.18	0.44
(11,1691)	1:69:A:MET:HE3	1:117:A:VAL:HG22	3	0.38	0.18	0.44
(11,1691)	1:69:A:MET:HE3	1:117:A:VAL:HG23	3	0.38	0.18	0.44
(33,1942)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	3	0.38	0.17	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,1942)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	3	0.38	0.17	0.46
(33,1942)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	3	0.38	0.17	0.46
(33,1942)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	3	0.38	0.17	0.46
(3,1809)	1:144:A:LEU:HA	1:144:A:LEU:HD11	3	0.38	0.01	0.38
(3,1809)	1:144:A:LEU:HA	1:144:A:LEU:HD12	3	0.38	0.01	0.38
(3,1809)	1:144:A:LEU:HA	1:144:A:LEU:HD13	3	0.38	0.01	0.38
(18,2129)	1:41:A:LYS:HA	1:44:A:GLU:HG2	3	0.38	0.17	0.33
(18,2129)	1:41:A:LYS:HA	1:44:A:GLU:HG3	3	0.38	0.17	0.33
(3,1568)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(3,1568)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(3,1568)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(3,1568)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(3,1568)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(3,1568)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(5,1556)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(5,1556)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(5,1556)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(5,1556)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(5,1556)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(5,1556)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(6,430)	1:68:A:LYS:H	1:68:A:LYS:HE2	3	0.37	0.11	0.38
(6,430)	1:68:A:LYS:H	1:68:A:LYS:HE3	3	0.37	0.11	0.38
(6,1540)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(6,1540)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(6,1540)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(6,1540)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(6,1540)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(6,1540)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(7,1523)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(7,1523)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(7,1523)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(7,1523)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(7,1523)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(7,1523)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(9,440)	1:68:A:LYS:H	1:68:A:LYS:HE2	3	0.37	0.11	0.38
(9,440)	1:68:A:LYS:H	1:68:A:LYS:HE3	3	0.37	0.11	0.38
(9,1538)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(9,1538)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(9,1538)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(9,1538)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(9,1538)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(9,1538)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	3	0.37	0.14	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,1562)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(11,1562)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(11,1562)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(11,1562)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(11,1562)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(11,1562)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(15,1533)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(15,1533)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(15,1533)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(15,1533)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(15,1533)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(15,1533)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(18,1532)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(18,1532)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(18,1532)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(18,1532)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(18,1532)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(18,1532)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(29,1555)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(29,1555)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(29,1555)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(29,1555)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(29,1555)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(29,1555)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(30,1539)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(30,1539)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(30,1539)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(30,1539)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(30,1539)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(30,1539)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(33,431)	1:68:A:LYS:H	1:68:A:LYS:HE2	3	0.37	0.11	0.38
(33,431)	1:68:A:LYS:H	1:68:A:LYS:HE3	3	0.37	0.11	0.38
(34,1557)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(34,1557)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(34,1557)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(34,1557)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(34,1557)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	3	0.37	0.14	0.46
(34,1557)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	3	0.37	0.14	0.46
(4,982)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	3	0.37	0.07	0.42
(4,982)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	3	0.37	0.07	0.42
(4,982)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	3	0.37	0.07	0.42
(30,990)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	3	0.37	0.07	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,990)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	3	0.37	0.07	0.42
(30,990)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	3	0.37	0.07	0.42
(4,2445)	1:139:A:LEU:HB2	1:140:A:LEU:HD11	3	0.37	0.23	0.34
(4,2445)	1:139:A:LEU:HB2	1:140:A:LEU:HD12	3	0.37	0.23	0.34
(4,2445)	1:139:A:LEU:HB2	1:140:A:LEU:HD13	3	0.37	0.23	0.34
(4,2445)	1:139:A:LEU:HB2	1:140:A:LEU:HD21	3	0.37	0.23	0.34
(4,2445)	1:139:A:LEU:HB2	1:140:A:LEU:HD22	3	0.37	0.23	0.34
(4,2445)	1:139:A:LEU:HB2	1:140:A:LEU:HD23	3	0.37	0.23	0.34
(4,2445)	1:139:A:LEU:HB3	1:140:A:LEU:HD11	3	0.37	0.23	0.34
(4,2445)	1:139:A:LEU:HB3	1:140:A:LEU:HD12	3	0.37	0.23	0.34
(4,2445)	1:139:A:LEU:HB3	1:140:A:LEU:HD13	3	0.37	0.23	0.34
(4,2445)	1:139:A:LEU:HB3	1:140:A:LEU:HD21	3	0.37	0.23	0.34
(4,2445)	1:139:A:LEU:HB3	1:140:A:LEU:HD22	3	0.37	0.23	0.34
(4,2445)	1:139:A:LEU:HB3	1:140:A:LEU:HD23	3	0.37	0.23	0.34
(5,2435)	1:139:A:LEU:HB2	1:140:A:LEU:HD11	3	0.37	0.23	0.34
(5,2435)	1:139:A:LEU:HB2	1:140:A:LEU:HD12	3	0.37	0.23	0.34
(5,2435)	1:139:A:LEU:HB2	1:140:A:LEU:HD13	3	0.37	0.23	0.34
(5,2435)	1:139:A:LEU:HB2	1:140:A:LEU:HD21	3	0.37	0.23	0.34
(5,2435)	1:139:A:LEU:HB2	1:140:A:LEU:HD22	3	0.37	0.23	0.34
(5,2435)	1:139:A:LEU:HB2	1:140:A:LEU:HD23	3	0.37	0.23	0.34
(5,2435)	1:139:A:LEU:HB3	1:140:A:LEU:HD11	3	0.37	0.23	0.34
(5,2435)	1:139:A:LEU:HB3	1:140:A:LEU:HD12	3	0.37	0.23	0.34
(5,2435)	1:139:A:LEU:HB3	1:140:A:LEU:HD13	3	0.37	0.23	0.34
(5,2435)	1:139:A:LEU:HB3	1:140:A:LEU:HD21	3	0.37	0.23	0.34
(5,2435)	1:139:A:LEU:HB3	1:140:A:LEU:HD22	3	0.37	0.23	0.34
(5,2435)	1:139:A:LEU:HB3	1:140:A:LEU:HD23	3	0.37	0.23	0.34
(15,1522)	1:69:A:MET:HE1	1:76:A:ARG:HG2	3	0.37	0.06	0.38
(15,1522)	1:69:A:MET:HE1	1:76:A:ARG:HG3	3	0.37	0.06	0.38
(15,1522)	1:69:A:MET:HE2	1:76:A:ARG:HG2	3	0.37	0.06	0.38
(15,1522)	1:69:A:MET:HE2	1:76:A:ARG:HG3	3	0.37	0.06	0.38
(15,1522)	1:69:A:MET:HE3	1:76:A:ARG:HG2	3	0.37	0.06	0.38
(15,1522)	1:69:A:MET:HE3	1:76:A:ARG:HG3	3	0.37	0.06	0.38
(18,1999)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	3	0.37	0.19	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,1999)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	3	0.37	0.19	0.27
(18,1999)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	3	0.37	0.19	0.27
(18,2430)	1:139:A:LEU:HB2	1:140:A:LEU:HD11	3	0.37	0.23	0.34
(18,2430)	1:139:A:LEU:HB2	1:140:A:LEU:HD12	3	0.37	0.23	0.34
(18,2430)	1:139:A:LEU:HB2	1:140:A:LEU:HD13	3	0.37	0.23	0.34
(18,2430)	1:139:A:LEU:HB2	1:140:A:LEU:HD21	3	0.37	0.23	0.34
(18,2430)	1:139:A:LEU:HB2	1:140:A:LEU:HD22	3	0.37	0.23	0.34
(18,2430)	1:139:A:LEU:HB2	1:140:A:LEU:HD23	3	0.37	0.23	0.34
(18,2430)	1:139:A:LEU:HB3	1:140:A:LEU:HD11	3	0.37	0.23	0.34
(18,2430)	1:139:A:LEU:HB3	1:140:A:LEU:HD12	3	0.37	0.23	0.34
(18,2430)	1:139:A:LEU:HB3	1:140:A:LEU:HD13	3	0.37	0.23	0.34
(18,2430)	1:139:A:LEU:HB3	1:140:A:LEU:HD21	3	0.37	0.23	0.34
(18,2430)	1:139:A:LEU:HB3	1:140:A:LEU:HD22	3	0.37	0.23	0.34
(18,2430)	1:139:A:LEU:HB3	1:140:A:LEU:HD23	3	0.37	0.23	0.34
(30,876)	1:117:A:VAL:HG11	1:118:A:ASP:HB2	3	0.37	0.23	0.34
(30,876)	1:117:A:VAL:HG12	1:118:A:ASP:HB2	3	0.37	0.23	0.34
(30,876)	1:117:A:VAL:HG13	1:118:A:ASP:HB2	3	0.37	0.23	0.34
(32,2451)	1:139:A:LEU:HB2	1:140:A:LEU:HD11	3	0.37	0.23	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,2451)	1:139:A:LEU:HB2	1:140:A:LEU:HD12	3	0.37	0.23	0.34
(32,2451)	1:139:A:LEU:HB2	1:140:A:LEU:HD13	3	0.37	0.23	0.34
(32,2451)	1:139:A:LEU:HB2	1:140:A:LEU:HD21	3	0.37	0.23	0.34
(32,2451)	1:139:A:LEU:HB2	1:140:A:LEU:HD22	3	0.37	0.23	0.34
(32,2451)	1:139:A:LEU:HB2	1:140:A:LEU:HD23	3	0.37	0.23	0.34
(32,2451)	1:139:A:LEU:HB3	1:140:A:LEU:HD11	3	0.37	0.23	0.34
(32,2451)	1:139:A:LEU:HB3	1:140:A:LEU:HD12	3	0.37	0.23	0.34
(32,2451)	1:139:A:LEU:HB3	1:140:A:LEU:HD13	3	0.37	0.23	0.34
(32,2451)	1:139:A:LEU:HB3	1:140:A:LEU:HD21	3	0.37	0.23	0.34
(32,2451)	1:139:A:LEU:HB3	1:140:A:LEU:HD22	3	0.37	0.23	0.34
(32,2451)	1:139:A:LEU:HB3	1:140:A:LEU:HD23	3	0.37	0.23	0.34
(34,2463)	1:139:A:LEU:HB2	1:140:A:LEU:HD11	3	0.37	0.23	0.34
(34,2463)	1:139:A:LEU:HB2	1:140:A:LEU:HD12	3	0.37	0.23	0.34
(34,2463)	1:139:A:LEU:HB2	1:140:A:LEU:HD13	3	0.37	0.23	0.34
(34,2463)	1:139:A:LEU:HB2	1:140:A:LEU:HD21	3	0.37	0.23	0.34
(34,2463)	1:139:A:LEU:HB2	1:140:A:LEU:HD22	3	0.37	0.23	0.34
(34,2463)	1:139:A:LEU:HB2	1:140:A:LEU:HD23	3	0.37	0.23	0.34
(34,2463)	1:139:A:LEU:HB3	1:140:A:LEU:HD11	3	0.37	0.23	0.34
(34,2463)	1:139:A:LEU:HB3	1:140:A:LEU:HD12	3	0.37	0.23	0.34
(34,2463)	1:139:A:LEU:HB3	1:140:A:LEU:HD13	3	0.37	0.23	0.34
(34,2463)	1:139:A:LEU:HB3	1:140:A:LEU:HD21	3	0.37	0.23	0.34
(34,2463)	1:139:A:LEU:HB3	1:140:A:LEU:HD22	3	0.37	0.23	0.34
(34,2463)	1:139:A:LEU:HB3	1:140:A:LEU:HD23	3	0.37	0.23	0.34
(2,1086)	1:141:A:LYS:HA	1:148:A:CYS:HB2	3	0.37	0.09	0.37
(5,1103)	1:141:A:LYS:HA	1:148:A:CYS:HB2	3	0.37	0.09	0.37
(11,2136)	1:39:A:VAL:HG11	1:144:A:LEU:HD11	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG11	1:144:A:LEU:HD12	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG11	1:144:A:LEU:HD13	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG12	1:144:A:LEU:HD11	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG12	1:144:A:LEU:HD12	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG12	1:144:A:LEU:HD13	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG13	1:144:A:LEU:HD11	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG13	1:144:A:LEU:HD12	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG13	1:144:A:LEU:HD13	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG21	1:144:A:LEU:HD11	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG21	1:144:A:LEU:HD12	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG21	1:144:A:LEU:HD13	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG22	1:144:A:LEU:HD11	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG22	1:144:A:LEU:HD12	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG22	1:144:A:LEU:HD13	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG23	1:144:A:LEU:HD11	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG23	1:144:A:LEU:HD12	3	0.37	0.05	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,2136)	1:39:A:VAL:HG23	1:144:A:LEU:HD13	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG11	1:144:A:LEU:HD21	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG11	1:144:A:LEU:HD22	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG11	1:144:A:LEU:HD23	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG12	1:144:A:LEU:HD21	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG12	1:144:A:LEU:HD22	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG12	1:144:A:LEU:HD23	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG13	1:144:A:LEU:HD21	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG13	1:144:A:LEU:HD22	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG13	1:144:A:LEU:HD23	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG21	1:144:A:LEU:HD21	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG21	1:144:A:LEU:HD22	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG21	1:144:A:LEU:HD23	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG22	1:144:A:LEU:HD21	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG22	1:144:A:LEU:HD22	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG22	1:144:A:LEU:HD23	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG23	1:144:A:LEU:HD21	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG23	1:144:A:LEU:HD22	3	0.37	0.05	0.36
(11,2136)	1:39:A:VAL:HG23	1:144:A:LEU:HD23	3	0.37	0.05	0.36
(15,1097)	1:141:A:LYS:HA	1:148:A:CYS:HB2	3	0.37	0.09	0.37
(17,1104)	1:141:A:LYS:HA	1:148:A:CYS:HB2	3	0.37	0.09	0.37
(29,12)	1:64:A:LYS:H	1:64:A:LYS:HE2	3	0.37	0.16	0.48
(29,12)	1:64:A:LYS:H	1:64:A:LYS:HE3	3	0.37	0.16	0.48
(2,2173)	1:44:A:GLU:HG2	1:46:A:ASN:H	3	0.37	0.27	0.23
(2,2173)	1:44:A:GLU:HG3	1:46:A:ASN:H	3	0.37	0.27	0.23
(3,1089)	1:54:A:ARG:HA	1:57:A:LEU:HD21	3	0.37	0.12	0.45
(3,1089)	1:54:A:ARG:HA	1:57:A:LEU:HD22	3	0.37	0.12	0.45
(3,1089)	1:54:A:ARG:HA	1:57:A:LEU:HD23	3	0.37	0.12	0.45
(13,1818)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	3	0.37	0.08	0.38
(13,1818)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	3	0.37	0.08	0.38
(15,2412)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	3	0.37	0.06	0.4
(15,2412)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	3	0.37	0.06	0.4
(18,1086)	1:54:A:ARG:HA	1:57:A:LEU:HD21	3	0.37	0.12	0.45
(18,1086)	1:54:A:ARG:HA	1:57:A:LEU:HD22	3	0.37	0.12	0.45
(18,1086)	1:54:A:ARG:HA	1:57:A:LEU:HD23	3	0.37	0.12	0.45
(18,2194)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	3	0.37	0.16	0.37
(18,2194)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	3	0.37	0.16	0.37
(18,2194)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	3	0.37	0.16	0.37
(18,2194)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	3	0.37	0.16	0.37
(18,2194)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	3	0.37	0.16	0.37
(18,2194)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	3	0.37	0.16	0.37
(32,2467)	1:140:A:LEU:HD11	1:143:A:TRP:H	3	0.37	0.12	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,2467)	1:140:A:LEU:HD12	1:143:A:TRP:H	3	0.37	0.12	0.33
(32,2467)	1:140:A:LEU:HD13	1:143:A:TRP:H	3	0.37	0.12	0.33
(32,2467)	1:140:A:LEU:HD21	1:143:A:TRP:H	3	0.37	0.12	0.33
(32,2467)	1:140:A:LEU:HD22	1:143:A:TRP:H	3	0.37	0.12	0.33
(32,2467)	1:140:A:LEU:HD23	1:143:A:TRP:H	3	0.37	0.12	0.33
(33,47)	1:98:A:ILE:H	1:104:A:PHE:HB3	3	0.37	0.11	0.38
(1,1975)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	3	0.36	0.12	0.32
(1,1975)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	3	0.36	0.12	0.32
(1,1975)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	3	0.36	0.12	0.32
(1,1975)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	3	0.36	0.12	0.32
(1,1975)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	3	0.36	0.12	0.32
(1,1975)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	3	0.36	0.12	0.32
(2,1808)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	3	0.36	0.12	0.3
(2,1808)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	3	0.36	0.12	0.3
(2,1808)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	3	0.36	0.12	0.3
(2,1808)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	3	0.36	0.12	0.3
(6,927)	1:60:A:LEU:HB3	1:117:A:VAL:HA	3	0.36	0.12	0.32
(6,2152)	1:44:A:GLU:H	1:140:A:LEU:HD11	3	0.36	0.12	0.37
(6,2152)	1:44:A:GLU:H	1:140:A:LEU:HD12	3	0.36	0.12	0.37
(6,2152)	1:44:A:GLU:H	1:140:A:LEU:HD13	3	0.36	0.12	0.37
(6,2152)	1:44:A:GLU:H	1:140:A:LEU:HD21	3	0.36	0.12	0.37
(6,2152)	1:44:A:GLU:H	1:140:A:LEU:HD22	3	0.36	0.12	0.37
(6,2152)	1:44:A:GLU:H	1:140:A:LEU:HD23	3	0.36	0.12	0.37
(34,1019)	1:143:A:TRP:HB3	1:144:A:LEU:HD21	3	0.36	0.07	0.41
(34,1019)	1:143:A:TRP:HB3	1:144:A:LEU:HD22	3	0.36	0.07	0.41
(34,1019)	1:143:A:TRP:HB3	1:144:A:LEU:HD23	3	0.36	0.07	0.41
(34,1019)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	3	0.36	0.07	0.41
(34,1019)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	3	0.36	0.07	0.41
(34,1019)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	3	0.36	0.07	0.41
(4,1632)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	3	0.36	0.23	0.3
(4,1632)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	3	0.36	0.23	0.3
(4,1632)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	3	0.36	0.23	0.3
(4,1632)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	3	0.36	0.23	0.3
(4,1632)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	3	0.36	0.23	0.3
(4,1632)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	3	0.36	0.23	0.3
(4,1632)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	3	0.36	0.23	0.3
(4,1632)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	3	0.36	0.23	0.3
(4,1632)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	3	0.36	0.23	0.3
(4,2230)	1:68:A:LYS:H	1:70:A:LYS:HG2	3	0.36	0.18	0.37
(4,2230)	1:68:A:LYS:H	1:70:A:LYS:HG3	3	0.36	0.18	0.37
(13,246)	1:58:A:ILE:H	1:58:A:ILE:HG13	3	0.36	0.06	0.38
(13,1729)	1:141:A:LYS:HA	1:144:A:LEU:HD21	3	0.36	0.19	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1729)	1:141:A:LYS:HA	1:144:A:LEU:HD22	3	0.36	0.19	0.39
(13,1729)	1:141:A:LYS:HA	1:144:A:LEU:HD23	3	0.36	0.19	0.39
(15,1940)	1:11:A:ILE:HG13	1:57:A:LEU:HD11	3	0.36	0.12	0.3
(15,1940)	1:11:A:ILE:HG13	1:57:A:LEU:HD12	3	0.36	0.12	0.3
(15,1940)	1:11:A:ILE:HG13	1:57:A:LEU:HD13	3	0.36	0.12	0.3
(15,1940)	1:11:A:ILE:HG13	1:57:A:LEU:HD21	3	0.36	0.12	0.3
(15,1940)	1:11:A:ILE:HG13	1:57:A:LEU:HD22	3	0.36	0.12	0.3
(15,1940)	1:11:A:ILE:HG13	1:57:A:LEU:HD23	3	0.36	0.12	0.3
(32,1493)	1:69:A:MET:HE1	1:76:A:ARG:HG2	3	0.36	0.06	0.37
(32,1493)	1:69:A:MET:HE1	1:76:A:ARG:HG3	3	0.36	0.06	0.37
(32,1493)	1:69:A:MET:HE2	1:76:A:ARG:HG2	3	0.36	0.06	0.37
(32,1493)	1:69:A:MET:HE2	1:76:A:ARG:HG3	3	0.36	0.06	0.37
(32,1493)	1:69:A:MET:HE3	1:76:A:ARG:HG2	3	0.36	0.06	0.37
(32,1493)	1:69:A:MET:HE3	1:76:A:ARG:HG3	3	0.36	0.06	0.37
(32,1926)	1:11:A:ILE:HG13	1:57:A:LEU:HD11	3	0.36	0.12	0.3
(32,1926)	1:11:A:ILE:HG13	1:57:A:LEU:HD12	3	0.36	0.12	0.3
(32,1926)	1:11:A:ILE:HG13	1:57:A:LEU:HD13	3	0.36	0.12	0.3
(32,1926)	1:11:A:ILE:HG13	1:57:A:LEU:HD21	3	0.36	0.12	0.3
(32,1926)	1:11:A:ILE:HG13	1:57:A:LEU:HD22	3	0.36	0.12	0.3
(32,1926)	1:11:A:ILE:HG13	1:57:A:LEU:HD23	3	0.36	0.12	0.3
(7,361)	1:70:A:LYS:H	1:70:A:LYS:HE2	3	0.36	0.07	0.38
(7,361)	1:70:A:LYS:H	1:70:A:LYS:HE3	3	0.36	0.07	0.38
(17,1308)	1:59:A:CYS:HA	1:60:A:LEU:HD21	3	0.36	0.08	0.34
(17,1308)	1:59:A:CYS:HA	1:60:A:LEU:HD22	3	0.36	0.08	0.34
(17,1308)	1:59:A:CYS:HA	1:60:A:LEU:HD23	3	0.36	0.08	0.34
(9,1548)	1:39:A:VAL:H	1:139:A:LEU:HD11	3	0.36	0.05	0.38
(9,1548)	1:39:A:VAL:H	1:139:A:LEU:HD12	3	0.36	0.05	0.38
(9,1548)	1:39:A:VAL:H	1:139:A:LEU:HD13	3	0.36	0.05	0.38
(2,913)	1:125:A:THR:HB	1:128:A:LEU:HD11	3	0.35	0.19	0.25
(2,913)	1:125:A:THR:HB	1:128:A:LEU:HD12	3	0.35	0.19	0.25
(2,913)	1:125:A:THR:HB	1:128:A:LEU:HD13	3	0.35	0.19	0.25
(4,917)	1:125:A:THR:HB	1:128:A:LEU:HD11	3	0.35	0.19	0.25
(4,917)	1:125:A:THR:HB	1:128:A:LEU:HD12	3	0.35	0.19	0.25
(4,917)	1:125:A:THR:HB	1:128:A:LEU:HD13	3	0.35	0.19	0.25
(5,811)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	3	0.35	0.15	0.29
(5,811)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	3	0.35	0.15	0.29
(5,811)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	3	0.35	0.15	0.29
(5,811)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	3	0.35	0.15	0.29
(5,811)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	3	0.35	0.15	0.29
(5,811)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	3	0.35	0.15	0.29
(5,811)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	3	0.35	0.15	0.29
(5,811)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	3	0.35	0.15	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,811)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	3	0.35	0.15	0.29
(7,802)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	3	0.35	0.15	0.29
(7,802)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	3	0.35	0.15	0.29
(7,802)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	3	0.35	0.15	0.29
(7,802)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	3	0.35	0.15	0.29
(7,802)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	3	0.35	0.15	0.29
(7,802)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	3	0.35	0.15	0.29
(7,802)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	3	0.35	0.15	0.29
(7,802)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	3	0.35	0.15	0.29
(7,802)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	3	0.35	0.15	0.29
(11,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	3	0.35	0.15	0.29
(11,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	3	0.35	0.15	0.29
(11,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	3	0.35	0.15	0.29
(11,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	3	0.35	0.15	0.29
(11,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	3	0.35	0.15	0.29
(11,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	3	0.35	0.15	0.29
(11,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	3	0.35	0.15	0.29
(11,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	3	0.35	0.15	0.29
(11,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	3	0.35	0.15	0.29
(11,1002)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	3	0.35	0.07	0.4
(11,1002)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	3	0.35	0.07	0.4
(11,1002)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	3	0.35	0.07	0.4
(13,796)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	3	0.35	0.15	0.29
(13,796)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	3	0.35	0.15	0.29
(13,796)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	3	0.35	0.15	0.29
(13,796)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	3	0.35	0.15	0.29
(13,796)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	3	0.35	0.15	0.29
(13,796)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	3	0.35	0.15	0.29
(13,796)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	3	0.35	0.15	0.29
(13,796)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	3	0.35	0.15	0.29
(13,796)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	3	0.35	0.15	0.29
(15,2105)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	3	0.35	0.07	0.37
(15,2105)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	3	0.35	0.07	0.37
(15,2105)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	3	0.35	0.07	0.37
(15,2105)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	3	0.35	0.07	0.37
(15,2105)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	3	0.35	0.07	0.37
(15,2105)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	3	0.35	0.07	0.37
(15,2105)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	3	0.35	0.07	0.37
(15,2105)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	3	0.35	0.07	0.37
(15,2105)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	3	0.35	0.07	0.37
(15,2105)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	3	0.35	0.07	0.37
(15,2105)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	3	0.35	0.07	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,2105)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	3	0.35	0.07	0.37
(17,820)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	3	0.35	0.15	0.29
(17,820)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	3	0.35	0.15	0.29
(17,820)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	3	0.35	0.15	0.29
(17,820)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	3	0.35	0.15	0.29
(17,820)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	3	0.35	0.15	0.29
(17,820)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	3	0.35	0.15	0.29
(17,820)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	3	0.35	0.15	0.29
(17,820)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	3	0.35	0.15	0.29
(17,820)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	3	0.35	0.15	0.29
(30,807)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	3	0.35	0.15	0.29
(30,807)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	3	0.35	0.15	0.29
(30,807)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	3	0.35	0.15	0.29
(30,807)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	3	0.35	0.15	0.29
(30,807)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	3	0.35	0.15	0.29
(30,807)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	3	0.35	0.15	0.29
(30,807)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	3	0.35	0.15	0.29
(30,807)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	3	0.35	0.15	0.29
(30,807)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	3	0.35	0.15	0.29
(30,1995)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	3	0.35	0.12	0.31
(30,1995)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	3	0.35	0.12	0.31
(30,1995)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	3	0.35	0.12	0.31
(30,1995)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	3	0.35	0.12	0.31
(30,1995)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	3	0.35	0.12	0.31
(30,1995)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	3	0.35	0.12	0.31
(30,2146)	1:40:A:LEU:HD11	1:44:A:GLU:H	3	0.35	0.09	0.36
(30,2146)	1:40:A:LEU:HD12	1:44:A:GLU:H	3	0.35	0.09	0.36
(30,2146)	1:40:A:LEU:HD13	1:44:A:GLU:H	3	0.35	0.09	0.36
(30,2146)	1:40:A:LEU:HD21	1:44:A:GLU:H	3	0.35	0.09	0.36
(30,2146)	1:40:A:LEU:HD22	1:44:A:GLU:H	3	0.35	0.09	0.36
(30,2146)	1:40:A:LEU:HD23	1:44:A:GLU:H	3	0.35	0.09	0.36
(32,1957)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	3	0.35	0.12	0.31
(32,1957)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	3	0.35	0.12	0.31
(32,1957)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	3	0.35	0.12	0.31
(32,1957)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	3	0.35	0.12	0.31
(32,1957)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	3	0.35	0.12	0.31
(32,1957)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	3	0.35	0.12	0.31
(9,150)	1:131:A:LEU:H	1:131:A:LEU:HG	3	0.35	0.19	0.32
(18,1721)	1:18:A:PHE:HB3	1:132:A:ALA:HA	3	0.35	0.11	0.28
(18,1721)	1:18:A:PHE:HB2	1:132:A:ALA:HA	3	0.35	0.11	0.28
(29,156)	1:131:A:LEU:H	1:131:A:LEU:HG	3	0.35	0.19	0.32
(30,152)	1:131:A:LEU:H	1:131:A:LEU:HG	3	0.35	0.19	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,1566)	1:138:A:ASP:HB2	1:139:A:LEU:HD21	3	0.35	0.28	0.18
(34,1566)	1:138:A:ASP:HB2	1:139:A:LEU:HD22	3	0.35	0.28	0.18
(34,1566)	1:138:A:ASP:HB2	1:139:A:LEU:HD23	3	0.35	0.28	0.18
(34,1566)	1:138:A:ASP:HB3	1:139:A:LEU:HD21	3	0.35	0.28	0.18
(34,1566)	1:138:A:ASP:HB3	1:139:A:LEU:HD22	3	0.35	0.28	0.18
(34,1566)	1:138:A:ASP:HB3	1:139:A:LEU:HD23	3	0.35	0.28	0.18
(6,245)	1:58:A:ILE:H	1:58:A:ILE:HG13	3	0.35	0.06	0.37
(9,253)	1:58:A:ILE:H	1:58:A:ILE:HG13	3	0.35	0.06	0.37
(9,1858)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	3	0.35	0.04	0.37
(9,1858)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	3	0.35	0.04	0.37
(18,250)	1:58:A:ILE:H	1:58:A:ILE:HG13	3	0.35	0.06	0.37
(30,249)	1:58:A:ILE:H	1:58:A:ILE:HG13	3	0.35	0.06	0.37
(33,1864)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	3	0.35	0.04	0.37
(33,1864)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	3	0.35	0.04	0.37
(6,1318)	1:123:A:CYS:HB2	1:128:A:LEU:HD11	3	0.35	0.09	0.35
(6,1318)	1:123:A:CYS:HB2	1:128:A:LEU:HD12	3	0.35	0.09	0.35
(6,1318)	1:123:A:CYS:HB2	1:128:A:LEU:HD13	3	0.35	0.09	0.35
(15,2107)	1:41:A:LYS:HA	1:44:A:GLU:HG2	3	0.35	0.17	0.3
(15,2107)	1:41:A:LYS:HA	1:44:A:GLU:HG3	3	0.35	0.17	0.3
(2,811)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.34	0.08	0.37
(2,811)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.34	0.08	0.37
(2,811)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.34	0.08	0.37
(3,829)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.34	0.08	0.37
(3,829)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.34	0.08	0.37
(3,829)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.34	0.08	0.37
(4,811)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.34	0.08	0.37
(4,811)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.34	0.08	0.37
(4,811)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.34	0.08	0.37
(5,815)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.34	0.08	0.37
(5,815)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.34	0.08	0.37
(5,815)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.34	0.08	0.37
(6,810)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.34	0.08	0.37
(6,810)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.34	0.08	0.37
(6,810)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.34	0.08	0.37
(7,805)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.34	0.08	0.37
(7,805)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.34	0.08	0.37
(7,805)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.34	0.08	0.37
(9,813)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.34	0.08	0.37
(9,813)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.34	0.08	0.37
(9,813)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.34	0.08	0.37
(11,813)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.34	0.08	0.37
(11,813)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.34	0.08	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,813)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.34	0.08	0.37
(13,801)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.34	0.08	0.37
(13,801)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.34	0.08	0.37
(13,801)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.34	0.08	0.37
(16,824)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.34	0.08	0.37
(16,824)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.34	0.08	0.37
(16,824)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.34	0.08	0.37
(17,825)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.34	0.08	0.37
(17,825)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.34	0.08	0.37
(17,825)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.34	0.08	0.37
(18,827)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.34	0.08	0.37
(18,827)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.34	0.08	0.37
(18,827)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.34	0.08	0.37
(29,830)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.34	0.08	0.37
(29,830)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.34	0.08	0.37
(29,830)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.34	0.08	0.37
(30,812)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.34	0.08	0.37
(30,812)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.34	0.08	0.37
(30,812)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.34	0.08	0.37
(33,818)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.34	0.08	0.37
(33,818)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.34	0.08	0.37
(33,818)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.34	0.08	0.37
(34,822)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.34	0.08	0.37
(34,822)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.34	0.08	0.37
(34,822)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.34	0.08	0.37
(4,875)	1:138:A:ASP:HB2	1:141:A:LYS:HB2	3	0.34	0.14	0.4
(4,875)	1:138:A:ASP:HB2	1:141:A:LYS:HB3	3	0.34	0.14	0.4
(4,875)	1:138:A:ASP:HB3	1:141:A:LYS:HB2	3	0.34	0.14	0.4
(4,875)	1:138:A:ASP:HB3	1:141:A:LYS:HB3	3	0.34	0.14	0.4
(6,871)	1:138:A:ASP:HB2	1:141:A:LYS:HB2	3	0.34	0.14	0.4
(6,871)	1:138:A:ASP:HB2	1:141:A:LYS:HB3	3	0.34	0.14	0.4
(6,871)	1:138:A:ASP:HB3	1:141:A:LYS:HB2	3	0.34	0.14	0.4
(6,871)	1:138:A:ASP:HB3	1:141:A:LYS:HB3	3	0.34	0.14	0.4
(9,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD11	3	0.34	0.25	0.22
(9,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD12	3	0.34	0.25	0.22
(9,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD13	3	0.34	0.25	0.22
(9,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD21	3	0.34	0.25	0.22
(9,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD22	3	0.34	0.25	0.22
(9,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD23	3	0.34	0.25	0.22
(11,917)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	3	0.34	0.16	0.37
(11,917)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	3	0.34	0.16	0.37
(11,917)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	3	0.34	0.16	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,887)	1:138:A:ASP:HB2	1:141:A:LYS:HB2	3	0.34	0.14	0.4
(18,887)	1:138:A:ASP:HB2	1:141:A:LYS:HB3	3	0.34	0.14	0.4
(18,887)	1:138:A:ASP:HB3	1:141:A:LYS:HB2	3	0.34	0.14	0.4
(18,887)	1:138:A:ASP:HB3	1:141:A:LYS:HB3	3	0.34	0.14	0.4
(33,886)	1:138:A:ASP:HB2	1:141:A:LYS:HB2	3	0.34	0.14	0.4
(33,886)	1:138:A:ASP:HB2	1:141:A:LYS:HB3	3	0.34	0.14	0.4
(33,886)	1:138:A:ASP:HB3	1:141:A:LYS:HB2	3	0.34	0.14	0.4
(33,886)	1:138:A:ASP:HB3	1:141:A:LYS:HB3	3	0.34	0.14	0.4
(33,921)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	3	0.34	0.16	0.37
(33,921)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	3	0.34	0.16	0.37
(33,921)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	3	0.34	0.16	0.37
(34,888)	1:138:A:ASP:HB2	1:141:A:LYS:HB2	3	0.34	0.14	0.4
(34,888)	1:138:A:ASP:HB2	1:141:A:LYS:HB3	3	0.34	0.14	0.4
(34,888)	1:138:A:ASP:HB3	1:141:A:LYS:HB2	3	0.34	0.14	0.4
(34,888)	1:138:A:ASP:HB3	1:141:A:LYS:HB3	3	0.34	0.14	0.4
(3,1545)	1:110:A:MET:HE1	1:113:A:PHE:HE1	3	0.33	0.14	0.37
(3,1545)	1:110:A:MET:HE1	1:113:A:PHE:HE2	3	0.33	0.14	0.37
(3,1545)	1:110:A:MET:HE2	1:113:A:PHE:HE1	3	0.33	0.14	0.37
(3,1545)	1:110:A:MET:HE2	1:113:A:PHE:HE2	3	0.33	0.14	0.37
(3,1545)	1:110:A:MET:HE3	1:113:A:PHE:HE1	3	0.33	0.14	0.37
(3,1545)	1:110:A:MET:HE3	1:113:A:PHE:HE2	3	0.33	0.14	0.37
(3,2021)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	3	0.33	0.12	0.29
(3,2021)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	3	0.33	0.12	0.29
(3,2021)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	3	0.33	0.12	0.29
(3,2021)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	3	0.33	0.12	0.29
(3,2021)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	3	0.33	0.12	0.29
(3,2021)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	3	0.33	0.12	0.29
(9,1517)	1:110:A:MET:HE1	1:113:A:PHE:HE1	3	0.33	0.14	0.37
(9,1517)	1:110:A:MET:HE1	1:113:A:PHE:HE2	3	0.33	0.14	0.37
(9,1517)	1:110:A:MET:HE2	1:113:A:PHE:HE1	3	0.33	0.14	0.37
(9,1517)	1:110:A:MET:HE2	1:113:A:PHE:HE2	3	0.33	0.14	0.37
(9,1517)	1:110:A:MET:HE3	1:113:A:PHE:HE1	3	0.33	0.14	0.37
(9,1517)	1:110:A:MET:HE3	1:113:A:PHE:HE2	3	0.33	0.14	0.37
(11,1541)	1:110:A:MET:HE1	1:113:A:PHE:HE1	3	0.33	0.14	0.37
(11,1541)	1:110:A:MET:HE1	1:113:A:PHE:HE2	3	0.33	0.14	0.37
(11,1541)	1:110:A:MET:HE2	1:113:A:PHE:HE1	3	0.33	0.14	0.37
(11,1541)	1:110:A:MET:HE2	1:113:A:PHE:HE2	3	0.33	0.14	0.37
(11,1541)	1:110:A:MET:HE3	1:113:A:PHE:HE1	3	0.33	0.14	0.37
(11,1541)	1:110:A:MET:HE3	1:113:A:PHE:HE2	3	0.33	0.14	0.37
(11,2056)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	3	0.33	0.12	0.36
(11,2056)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	3	0.33	0.12	0.36
(11,2056)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	3	0.33	0.12	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,2056)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	3	0.33	0.12	0.36
(11,2056)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	3	0.33	0.12	0.36
(11,2056)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	3	0.33	0.12	0.36
(11,2056)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	3	0.33	0.12	0.36
(11,2056)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	3	0.33	0.12	0.36
(11,2056)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	3	0.33	0.12	0.36
(11,2056)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	3	0.33	0.12	0.36
(11,2056)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	3	0.33	0.12	0.36
(11,2056)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	3	0.33	0.12	0.36
(11,2162)	1:43:A:MET:HE1	1:46:A:ASN:HD21	3	0.33	0.07	0.32
(11,2162)	1:43:A:MET:HE1	1:46:A:ASN:HD22	3	0.33	0.07	0.32
(11,2162)	1:43:A:MET:HE2	1:46:A:ASN:HD21	3	0.33	0.07	0.32
(11,2162)	1:43:A:MET:HE2	1:46:A:ASN:HD22	3	0.33	0.07	0.32
(11,2162)	1:43:A:MET:HE3	1:46:A:ASN:HD21	3	0.33	0.07	0.32
(11,2162)	1:43:A:MET:HE3	1:46:A:ASN:HD22	3	0.33	0.07	0.32
(13,1046)	1:71:A:LYS:HG3	1:72:A:PHE:HA	3	0.33	0.14	0.38
(17,2053)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	3	0.33	0.12	0.36
(17,2053)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	3	0.33	0.12	0.36
(17,2053)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	3	0.33	0.12	0.36
(17,2053)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	3	0.33	0.12	0.36
(17,2053)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	3	0.33	0.12	0.36
(17,2053)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	3	0.33	0.12	0.36
(17,2053)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	3	0.33	0.12	0.36
(17,2053)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	3	0.33	0.12	0.36
(17,2053)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	3	0.33	0.12	0.36
(17,2053)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	3	0.33	0.12	0.36
(17,2053)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	3	0.33	0.12	0.36
(17,2053)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	3	0.33	0.12	0.36
(18,1230)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	3	0.33	0.07	0.38
(18,1230)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	3	0.33	0.07	0.38
(18,1230)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	3	0.33	0.07	0.38
(18,2145)	1:43:A:MET:HE1	1:46:A:ASN:HD21	3	0.33	0.07	0.32
(18,2145)	1:43:A:MET:HE1	1:46:A:ASN:HD22	3	0.33	0.07	0.32
(18,2145)	1:43:A:MET:HE2	1:46:A:ASN:HD21	3	0.33	0.07	0.32
(18,2145)	1:43:A:MET:HE2	1:46:A:ASN:HD22	3	0.33	0.07	0.32
(18,2145)	1:43:A:MET:HE3	1:46:A:ASN:HD21	3	0.33	0.07	0.32
(18,2145)	1:43:A:MET:HE3	1:46:A:ASN:HD22	3	0.33	0.07	0.32
(29,1532)	1:110:A:MET:HE1	1:113:A:PHE:HE1	3	0.33	0.14	0.37
(29,1532)	1:110:A:MET:HE1	1:113:A:PHE:HE2	3	0.33	0.14	0.37
(29,1532)	1:110:A:MET:HE2	1:113:A:PHE:HE1	3	0.33	0.14	0.37
(29,1532)	1:110:A:MET:HE2	1:113:A:PHE:HE2	3	0.33	0.14	0.37
(29,1532)	1:110:A:MET:HE3	1:113:A:PHE:HE1	3	0.33	0.14	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,1532)	1:110:A:MET:HE3	1:113:A:PHE:HE2	3	0.33	0.14	0.37
(30,1518)	1:110:A:MET:HE1	1:113:A:PHE:HE1	3	0.33	0.14	0.37
(30,1518)	1:110:A:MET:HE1	1:113:A:PHE:HE2	3	0.33	0.14	0.37
(30,1518)	1:110:A:MET:HE2	1:113:A:PHE:HE1	3	0.33	0.14	0.37
(30,1518)	1:110:A:MET:HE2	1:113:A:PHE:HE2	3	0.33	0.14	0.37
(30,1518)	1:110:A:MET:HE3	1:113:A:PHE:HE1	3	0.33	0.14	0.37
(30,1518)	1:110:A:MET:HE3	1:113:A:PHE:HE2	3	0.33	0.14	0.37
(33,1512)	1:110:A:MET:HE1	1:113:A:PHE:HE1	3	0.33	0.14	0.37
(33,1512)	1:110:A:MET:HE1	1:113:A:PHE:HE2	3	0.33	0.14	0.37
(33,1512)	1:110:A:MET:HE2	1:113:A:PHE:HE1	3	0.33	0.14	0.37
(33,1512)	1:110:A:MET:HE2	1:113:A:PHE:HE2	3	0.33	0.14	0.37
(33,1512)	1:110:A:MET:HE3	1:113:A:PHE:HE1	3	0.33	0.14	0.37
(33,1512)	1:110:A:MET:HE3	1:113:A:PHE:HE2	3	0.33	0.14	0.37
(34,2153)	1:43:A:MET:HE1	1:46:A:ASN:HD21	3	0.33	0.07	0.32
(34,2153)	1:43:A:MET:HE1	1:46:A:ASN:HD22	3	0.33	0.07	0.32
(34,2153)	1:43:A:MET:HE2	1:46:A:ASN:HD21	3	0.33	0.07	0.32
(34,2153)	1:43:A:MET:HE2	1:46:A:ASN:HD22	3	0.33	0.07	0.32
(34,2153)	1:43:A:MET:HE3	1:46:A:ASN:HD21	3	0.33	0.07	0.32
(34,2153)	1:43:A:MET:HE3	1:46:A:ASN:HD22	3	0.33	0.07	0.32
(1,253)	1:58:A:ILE:H	1:58:A:ILE:HG13	3	0.33	0.06	0.35
(2,245)	1:58:A:ILE:H	1:58:A:ILE:HG13	3	0.33	0.06	0.35
(2,1533)	1:69:A:MET:HE1	1:76:A:ARG:HG2	3	0.33	0.06	0.34
(2,1533)	1:69:A:MET:HE1	1:76:A:ARG:HG3	3	0.33	0.06	0.34
(2,1533)	1:69:A:MET:HE2	1:76:A:ARG:HG2	3	0.33	0.06	0.34
(2,1533)	1:69:A:MET:HE2	1:76:A:ARG:HG3	3	0.33	0.06	0.34
(2,1533)	1:69:A:MET:HE3	1:76:A:ARG:HG2	3	0.33	0.06	0.34
(2,1533)	1:69:A:MET:HE3	1:76:A:ARG:HG3	3	0.33	0.06	0.34
(2,2290)	1:76:A:ARG:H	1:77:A:CYS:HB2	3	0.33	0.16	0.31
(2,2290)	1:76:A:ARG:H	1:77:A:CYS:HB3	3	0.33	0.16	0.31
(6,2271)	1:76:A:ARG:H	1:77:A:CYS:HB2	3	0.33	0.16	0.31
(6,2271)	1:76:A:ARG:H	1:77:A:CYS:HB3	3	0.33	0.16	0.31
(13,2243)	1:76:A:ARG:H	1:77:A:CYS:HB2	3	0.33	0.16	0.31
(13,2243)	1:76:A:ARG:H	1:77:A:CYS:HB3	3	0.33	0.16	0.31
(16,323)	1:121:A:VAL:H	1:122:A:ASP:HA	3	0.33	0.19	0.3
(17,2276)	1:76:A:ARG:H	1:77:A:CYS:HB2	3	0.33	0.16	0.31
(17,2276)	1:76:A:ARG:H	1:77:A:CYS:HB3	3	0.33	0.16	0.31
(29,2263)	1:76:A:ARG:H	1:77:A:CYS:HB2	3	0.33	0.16	0.31
(29,2263)	1:76:A:ARG:H	1:77:A:CYS:HB3	3	0.33	0.16	0.31
(32,239)	1:58:A:ILE:H	1:58:A:ILE:HG13	3	0.33	0.06	0.35
(32,2267)	1:76:A:ARG:H	1:77:A:CYS:HB2	3	0.33	0.16	0.31
(32,2267)	1:76:A:ARG:H	1:77:A:CYS:HB3	3	0.33	0.16	0.31
(33,2281)	1:76:A:ARG:H	1:77:A:CYS:HB2	3	0.33	0.16	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,2281)	1:76:A:ARG:H	1:77:A:CYS:HB3	3	0.33	0.16	0.31
(34,2270)	1:76:A:ARG:H	1:77:A:CYS:HB2	3	0.33	0.16	0.31
(34,2270)	1:76:A:ARG:H	1:77:A:CYS:HB3	3	0.33	0.16	0.31
(1,1441)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(1,1441)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(1,1441)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(1,1441)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(1,1441)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(1,1441)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(3,1456)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(3,1456)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(3,1456)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(3,1456)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(3,1456)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(3,1456)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(4,1417)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(4,1417)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(4,1417)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(4,1417)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(4,1417)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(4,1417)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(5,945)	1:14:A:VAL:HA	1:18:A:PHE:HD1	3	0.33	0.24	0.19
(5,945)	1:14:A:VAL:HA	1:18:A:PHE:HD2	3	0.33	0.24	0.19
(5,1453)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(5,1453)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(5,1453)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(5,1453)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(5,1453)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(5,1453)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(6,1431)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(6,1431)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(6,1431)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(6,1431)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(6,1431)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(6,1431)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(11,1454)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(11,1454)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(11,1454)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(11,1454)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(11,1454)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(11,1454)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(16,1436)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	3	0.33	0.13	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1436)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(16,1436)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(16,1436)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(16,1436)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(16,1436)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(17,1455)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(17,1455)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(17,1455)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(17,1455)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(17,1455)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(17,1455)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(18,1428)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(18,1428)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(18,1428)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(18,1428)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(18,1428)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(18,1428)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(29,1440)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(29,1440)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(29,1440)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(29,1440)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(29,1440)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(29,1440)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(30,1436)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(30,1436)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(30,1436)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(30,1436)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(30,1436)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	3	0.33	0.13	0.39
(30,1436)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	3	0.33	0.13	0.39
(7,1742)	1:144:A:LEU:HA	1:144:A:LEU:HD11	3	0.33	0.01	0.33
(7,1742)	1:144:A:LEU:HA	1:144:A:LEU:HD12	3	0.33	0.01	0.33
(7,1742)	1:144:A:LEU:HA	1:144:A:LEU:HD13	3	0.33	0.01	0.33
(13,1199)	1:144:A:LEU:HA	1:144:A:LEU:HD11	3	0.33	0.01	0.33
(13,1199)	1:144:A:LEU:HA	1:144:A:LEU:HD12	3	0.33	0.01	0.33
(13,1199)	1:144:A:LEU:HA	1:144:A:LEU:HD13	3	0.33	0.01	0.33
(16,40)	1:43:A:MET:HA	1:47:A:ALA:H	3	0.33	0.15	0.36
(29,150)	1:58:A:ILE:HG13	1:59:A:CYS:H	3	0.33	0.03	0.34
(3,1688)	1:69:A:MET:HA	1:69:A:MET:HE1	3	0.32	0.05	0.33
(3,1688)	1:69:A:MET:HA	1:69:A:MET:HE2	3	0.32	0.05	0.33
(3,1688)	1:69:A:MET:HA	1:69:A:MET:HE3	3	0.32	0.05	0.33
(4,1635)	1:69:A:MET:HA	1:69:A:MET:HE1	3	0.32	0.05	0.33
(4,1635)	1:69:A:MET:HA	1:69:A:MET:HE2	3	0.32	0.05	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1635)	1:69:A:MET:HA	1:69:A:MET:HE3	3	0.32	0.05	0.33
(6,1659)	1:69:A:MET:HA	1:69:A:MET:HE1	3	0.32	0.05	0.33
(6,1659)	1:69:A:MET:HA	1:69:A:MET:HE2	3	0.32	0.05	0.33
(6,1659)	1:69:A:MET:HA	1:69:A:MET:HE3	3	0.32	0.05	0.33
(7,2057)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	3	0.32	0.14	0.29
(7,2057)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	3	0.32	0.14	0.29
(7,2057)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	3	0.32	0.14	0.29
(7,2057)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	3	0.32	0.14	0.29
(7,2057)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	3	0.32	0.14	0.29
(7,2057)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	3	0.32	0.14	0.29
(16,1650)	1:69:A:MET:HA	1:69:A:MET:HE1	3	0.32	0.05	0.33
(16,1650)	1:69:A:MET:HA	1:69:A:MET:HE2	3	0.32	0.05	0.33
(16,1650)	1:69:A:MET:HA	1:69:A:MET:HE3	3	0.32	0.05	0.33
(30,796)	1:55:A:GLY:H	1:58:A:ILE:HD11	3	0.32	0.15	0.4
(30,796)	1:55:A:GLY:H	1:58:A:ILE:HD12	3	0.32	0.15	0.4
(30,796)	1:55:A:GLY:H	1:58:A:ILE:HD13	3	0.32	0.15	0.4
(1,1227)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	3	0.32	0.07	0.37
(1,1227)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	3	0.32	0.07	0.37
(1,1227)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	3	0.32	0.07	0.37
(1,1894)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	3	0.32	0.22	0.17
(1,1894)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	3	0.32	0.22	0.17
(4,1855)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	3	0.32	0.22	0.17
(4,1855)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	3	0.32	0.22	0.17
(4,1989)	1:14:A:VAL:HG11	1:62:A:HIS:H	3	0.32	0.1	0.35
(4,1989)	1:14:A:VAL:HG12	1:62:A:HIS:H	3	0.32	0.1	0.35
(4,1989)	1:14:A:VAL:HG13	1:62:A:HIS:H	3	0.32	0.1	0.35
(4,1989)	1:14:A:VAL:HG21	1:62:A:HIS:H	3	0.32	0.1	0.35
(4,1989)	1:14:A:VAL:HG22	1:62:A:HIS:H	3	0.32	0.1	0.35
(4,1989)	1:14:A:VAL:HG23	1:62:A:HIS:H	3	0.32	0.1	0.35
(6,1887)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	3	0.32	0.22	0.17
(6,1887)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	3	0.32	0.22	0.17
(7,1848)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	3	0.32	0.22	0.17
(7,1848)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	3	0.32	0.22	0.17
(7,1950)	1:14:A:VAL:HG11	1:62:A:HIS:H	3	0.32	0.1	0.35
(7,1950)	1:14:A:VAL:HG12	1:62:A:HIS:H	3	0.32	0.1	0.35
(7,1950)	1:14:A:VAL:HG13	1:62:A:HIS:H	3	0.32	0.1	0.35
(7,1950)	1:14:A:VAL:HG21	1:62:A:HIS:H	3	0.32	0.1	0.35
(7,1950)	1:14:A:VAL:HG22	1:62:A:HIS:H	3	0.32	0.1	0.35
(7,1950)	1:14:A:VAL:HG23	1:62:A:HIS:H	3	0.32	0.1	0.35
(13,1863)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	3	0.32	0.19	0.22
(13,1863)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	3	0.32	0.19	0.22
(13,1863)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	3	0.32	0.19	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1863)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	3	0.32	0.19	0.22
(13,1863)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	3	0.32	0.19	0.22
(13,1863)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	3	0.32	0.19	0.22
(15,1119)	1:66:A:THR:HG21	1:105:A:LYS:HA	3	0.32	0.21	0.24
(15,1119)	1:66:A:THR:HG22	1:105:A:LYS:HA	3	0.32	0.21	0.24
(15,1119)	1:66:A:THR:HG23	1:105:A:LYS:HA	3	0.32	0.21	0.24
(16,1892)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	3	0.32	0.19	0.22
(16,1892)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	3	0.32	0.19	0.22
(16,1892)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	3	0.32	0.19	0.22
(16,1892)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	3	0.32	0.19	0.22
(16,1892)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	3	0.32	0.19	0.22
(16,1892)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	3	0.32	0.19	0.22
(18,1865)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	3	0.32	0.22	0.17
(18,1865)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	3	0.32	0.22	0.17
(30,1907)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	3	0.32	0.19	0.22
(30,1907)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	3	0.32	0.19	0.22
(30,1907)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	3	0.32	0.19	0.22
(30,1907)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	3	0.32	0.19	0.22
(30,1907)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	3	0.32	0.19	0.22
(30,1907)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	3	0.32	0.19	0.22
(34,1913)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	3	0.32	0.19	0.22
(34,1913)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	3	0.32	0.19	0.22
(34,1913)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	3	0.32	0.19	0.22
(34,1913)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	3	0.32	0.19	0.22
(34,1913)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	3	0.32	0.19	0.22
(34,1913)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	3	0.32	0.19	0.22
(3,1254)	1:140:A:LEU:HA	1:144:A:LEU:HD21	3	0.32	0.05	0.3
(3,1254)	1:140:A:LEU:HA	1:144:A:LEU:HD22	3	0.32	0.05	0.3
(3,1254)	1:140:A:LEU:HA	1:144:A:LEU:HD23	3	0.32	0.05	0.3
(4,67)	1:81:A:GLU:H	1:81:A:GLU:HB3	3	0.32	0.0	0.32
(34,65)	1:81:A:GLU:H	1:81:A:GLU:HB3	3	0.32	0.0	0.32
(34,771)	1:69:A:MET:HG2	1:73:A:ILE:HD11	3	0.32	0.07	0.27
(34,771)	1:69:A:MET:HG2	1:73:A:ILE:HD12	3	0.32	0.07	0.27
(34,771)	1:69:A:MET:HG2	1:73:A:ILE:HD13	3	0.32	0.07	0.27
(1,1308)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(1,1308)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(1,1308)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(2,1940)	1:58:A:ILE:HA	1:62:A:HIS:HE1	3	0.31	0.02	0.31
(3,1332)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(3,1332)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(3,1332)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(4,1287)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	3	0.31	0.11	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1287)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(4,1287)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(6,1923)	1:58:A:ILE:HA	1:62:A:HIS:HE1	3	0.31	0.02	0.31
(7,1289)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(7,1289)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(7,1289)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(9,1910)	1:58:A:ILE:HA	1:62:A:HIS:HE1	3	0.31	0.02	0.31
(11,1933)	1:58:A:ILE:HA	1:62:A:HIS:HE1	3	0.31	0.02	0.31
(13,975)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	3	0.31	0.07	0.36
(13,975)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	3	0.31	0.07	0.36
(13,975)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	3	0.31	0.07	0.36
(13,1278)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(13,1278)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(13,1278)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(13,1749)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	3	0.31	0.12	0.25
(13,1749)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	3	0.31	0.12	0.25
(13,1749)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	3	0.31	0.12	0.25
(13,1749)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	3	0.31	0.12	0.25
(13,1872)	1:58:A:ILE:HA	1:62:A:HIS:HE1	3	0.31	0.02	0.31
(15,1305)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(15,1305)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(15,1305)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(16,1310)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(16,1310)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(16,1310)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(17,1314)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(17,1314)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(17,1314)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(18,1074)	1:71:A:LYS:HG3	1:72:A:PHE:HA	3	0.31	0.14	0.36
(18,1300)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(18,1300)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(18,1300)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(29,1317)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(29,1317)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(29,1317)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(30,1300)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(30,1300)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(30,1300)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(32,1275)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(32,1275)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(32,1275)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(33,1310)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	3	0.31	0.11	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,1310)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(33,1310)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	3	0.31	0.11	0.37
(9,1828)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	3	0.31	0.18	0.2
(9,1828)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	3	0.31	0.18	0.2
(9,1828)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	3	0.31	0.18	0.2
(1,1362)	1:119:A:LEU:HA	1:121:A:VAL:HG11	3	0.31	0.19	0.19
(1,1362)	1:119:A:LEU:HA	1:121:A:VAL:HG12	3	0.31	0.19	0.19
(1,1362)	1:119:A:LEU:HA	1:121:A:VAL:HG13	3	0.31	0.19	0.19
(2,2189)	1:47:A:ALA:H	1:131:A:LEU:HD11	3	0.31	0.09	0.26
(2,2189)	1:47:A:ALA:H	1:131:A:LEU:HD12	3	0.31	0.09	0.26
(2,2189)	1:47:A:ALA:H	1:131:A:LEU:HD13	3	0.31	0.09	0.26
(2,2189)	1:47:A:ALA:H	1:131:A:LEU:HD21	3	0.31	0.09	0.26
(2,2189)	1:47:A:ALA:H	1:131:A:LEU:HD22	3	0.31	0.09	0.26
(2,2189)	1:47:A:ALA:H	1:131:A:LEU:HD23	3	0.31	0.09	0.26
(2,2354)	1:107:A:LEU:HD11	1:112:A:GLN:HA	3	0.31	0.16	0.36
(2,2354)	1:107:A:LEU:HD12	1:112:A:GLN:HA	3	0.31	0.16	0.36
(2,2354)	1:107:A:LEU:HD13	1:112:A:GLN:HA	3	0.31	0.16	0.36
(2,2354)	1:107:A:LEU:HD21	1:112:A:GLN:HA	3	0.31	0.16	0.36
(2,2354)	1:107:A:LEU:HD22	1:112:A:GLN:HA	3	0.31	0.16	0.36
(2,2354)	1:107:A:LEU:HD23	1:112:A:GLN:HA	3	0.31	0.16	0.36
(3,375)	1:41:A:LYS:H	1:44:A:GLU:HB2	3	0.31	0.17	0.22
(3,375)	1:41:A:LYS:H	1:44:A:GLU:HB3	3	0.31	0.17	0.22
(5,366)	1:41:A:LYS:H	1:44:A:GLU:HB2	3	0.31	0.17	0.22
(5,366)	1:41:A:LYS:H	1:44:A:GLU:HB3	3	0.31	0.17	0.22
(5,1291)	1:45:A:ALA:HA	1:48:A:ARG:HB2	3	0.31	0.12	0.26
(5,1291)	1:45:A:ALA:HA	1:48:A:ARG:HB3	3	0.31	0.12	0.26
(6,1266)	1:45:A:ALA:HA	1:48:A:ARG:HB2	3	0.31	0.12	0.26
(6,1266)	1:45:A:ALA:HA	1:48:A:ARG:HB3	3	0.31	0.12	0.26
(7,248)	1:58:A:ILE:H	1:58:A:ILE:HG13	3	0.31	0.06	0.33
(7,1124)	1:78:A:HIS:HA	1:79:A:THR:HB	3	0.31	0.08	0.36
(7,1260)	1:45:A:ALA:HA	1:48:A:ARG:HB2	3	0.31	0.12	0.26
(7,1260)	1:45:A:ALA:HA	1:48:A:ARG:HB3	3	0.31	0.12	0.26
(7,1791)	1:9:A:PHE:HZ	1:54:A:ARG:HA	3	0.31	0.08	0.3
(9,1276)	1:45:A:ALA:HA	1:48:A:ARG:HB2	3	0.31	0.12	0.26
(9,1276)	1:45:A:ALA:HA	1:48:A:ARG:HB3	3	0.31	0.12	0.26
(9,2131)	1:47:A:ALA:H	1:131:A:LEU:HD11	3	0.31	0.09	0.26
(9,2131)	1:47:A:ALA:H	1:131:A:LEU:HD12	3	0.31	0.09	0.26
(9,2131)	1:47:A:ALA:H	1:131:A:LEU:HD13	3	0.31	0.09	0.26
(9,2131)	1:47:A:ALA:H	1:131:A:LEU:HD21	3	0.31	0.09	0.26
(9,2131)	1:47:A:ALA:H	1:131:A:LEU:HD22	3	0.31	0.09	0.26
(9,2131)	1:47:A:ALA:H	1:131:A:LEU:HD23	3	0.31	0.09	0.26
(11,377)	1:41:A:LYS:H	1:44:A:GLU:HB2	3	0.31	0.17	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,377)	1:41:A:LYS:H	1:44:A:GLU:HB3	3	0.31	0.17	0.22
(11,1295)	1:45:A:ALA:HA	1:48:A:ARG:HB2	3	0.31	0.12	0.26
(11,1295)	1:45:A:ALA:HA	1:48:A:ARG:HB3	3	0.31	0.12	0.26
(13,1250)	1:45:A:ALA:HA	1:48:A:ARG:HB2	3	0.31	0.12	0.26
(13,1250)	1:45:A:ALA:HA	1:48:A:ARG:HB3	3	0.31	0.12	0.26
(13,1332)	1:119:A:LEU:HA	1:121:A:VAL:HG11	3	0.31	0.19	0.19
(13,1332)	1:119:A:LEU:HA	1:121:A:VAL:HG12	3	0.31	0.19	0.19
(13,1332)	1:119:A:LEU:HA	1:121:A:VAL:HG13	3	0.31	0.19	0.19
(13,2122)	1:47:A:ALA:H	1:131:A:LEU:HD11	3	0.31	0.09	0.26
(13,2122)	1:47:A:ALA:H	1:131:A:LEU:HD12	3	0.31	0.09	0.26
(13,2122)	1:47:A:ALA:H	1:131:A:LEU:HD13	3	0.31	0.09	0.26
(13,2122)	1:47:A:ALA:H	1:131:A:LEU:HD21	3	0.31	0.09	0.26
(13,2122)	1:47:A:ALA:H	1:131:A:LEU:HD22	3	0.31	0.09	0.26
(13,2122)	1:47:A:ALA:H	1:131:A:LEU:HD23	3	0.31	0.09	0.26
(15,1277)	1:45:A:ALA:HA	1:48:A:ARG:HB2	3	0.31	0.12	0.26
(15,1277)	1:45:A:ALA:HA	1:48:A:ARG:HB3	3	0.31	0.12	0.26
(15,1359)	1:119:A:LEU:HA	1:121:A:VAL:HG11	3	0.31	0.19	0.19
(15,1359)	1:119:A:LEU:HA	1:121:A:VAL:HG12	3	0.31	0.19	0.19
(15,1359)	1:119:A:LEU:HA	1:121:A:VAL:HG13	3	0.31	0.19	0.19
(15,2139)	1:47:A:ALA:H	1:131:A:LEU:HD11	3	0.31	0.09	0.26
(15,2139)	1:47:A:ALA:H	1:131:A:LEU:HD12	3	0.31	0.09	0.26
(15,2139)	1:47:A:ALA:H	1:131:A:LEU:HD13	3	0.31	0.09	0.26
(15,2139)	1:47:A:ALA:H	1:131:A:LEU:HD21	3	0.31	0.09	0.26
(15,2139)	1:47:A:ALA:H	1:131:A:LEU:HD22	3	0.31	0.09	0.26
(15,2139)	1:47:A:ALA:H	1:131:A:LEU:HD23	3	0.31	0.09	0.26
(17,1288)	1:45:A:ALA:HA	1:48:A:ARG:HB2	3	0.31	0.12	0.26
(17,1288)	1:45:A:ALA:HA	1:48:A:ARG:HB3	3	0.31	0.12	0.26
(17,1375)	1:119:A:LEU:HA	1:121:A:VAL:HG11	3	0.31	0.19	0.19
(17,1375)	1:119:A:LEU:HA	1:121:A:VAL:HG12	3	0.31	0.19	0.19
(17,1375)	1:119:A:LEU:HA	1:121:A:VAL:HG13	3	0.31	0.19	0.19
(17,2013)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	3	0.31	0.19	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,2013)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	3	0.31	0.19	0.21
(17,2013)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	3	0.31	0.19	0.21
(29,1288)	1:45:A:ALA:HA	1:48:A:ARG:HB2	3	0.31	0.12	0.26
(29,1288)	1:45:A:ALA:HA	1:48:A:ARG:HB3	3	0.31	0.12	0.26
(30,376)	1:41:A:LYS:H	1:44:A:GLU:HB2	3	0.31	0.17	0.22
(30,376)	1:41:A:LYS:H	1:44:A:GLU:HB3	3	0.31	0.17	0.22
(30,1272)	1:45:A:ALA:HA	1:48:A:ARG:HB2	3	0.31	0.12	0.26
(30,1272)	1:45:A:ALA:HA	1:48:A:ARG:HB3	3	0.31	0.12	0.26
(30,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG11	3	0.31	0.19	0.19
(30,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG12	3	0.31	0.19	0.19
(30,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG13	3	0.31	0.19	0.19
(32,1246)	1:45:A:ALA:HA	1:48:A:ARG:HB2	3	0.31	0.12	0.26
(32,1246)	1:45:A:ALA:HA	1:48:A:ARG:HB3	3	0.31	0.12	0.26
(32,1327)	1:119:A:LEU:HA	1:121:A:VAL:HG11	3	0.31	0.19	0.19
(32,1327)	1:119:A:LEU:HA	1:121:A:VAL:HG12	3	0.31	0.19	0.19
(32,1327)	1:119:A:LEU:HA	1:121:A:VAL:HG13	3	0.31	0.19	0.19
(32,1421)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	3	0.31	0.09	0.35
(32,1421)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	3	0.31	0.09	0.35
(32,1421)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	3	0.31	0.09	0.35
(34,1306)	1:45:A:ALA:HA	1:48:A:ARG:HB2	3	0.31	0.12	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,1306)	1:45:A:ALA:HA	1:48:A:ARG:HB3	3	0.31	0.12	0.26
(3,942)	1:81:A:GLU:H	1:81:A:GLU:HG2	3	0.31	0.21	0.19
(3,942)	1:81:A:GLU:H	1:81:A:GLU:HG3	3	0.31	0.21	0.19
(6,2254)	1:70:A:LYS:H	1:70:A:LYS:HD2	3	0.31	0.11	0.32
(6,2254)	1:70:A:LYS:H	1:70:A:LYS:HD3	3	0.31	0.11	0.32
(30,921)	1:81:A:GLU:H	1:81:A:GLU:HG2	3	0.31	0.21	0.19
(30,921)	1:81:A:GLU:H	1:81:A:GLU:HG3	3	0.31	0.21	0.19
(15,1267)	1:15:A:ALA:HA	1:19:A:ALA:H	3	0.31	0.14	0.4
(33,1277)	1:15:A:ALA:HA	1:19:A:ALA:H	3	0.31	0.14	0.4
(6,115)	1:22:A:ASP:H	1:23:A:LEU:HB2	3	0.3	0.18	0.18
(6,115)	1:22:A:ASP:H	1:23:A:LEU:HB3	3	0.3	0.18	0.18
(11,116)	1:22:A:ASP:H	1:23:A:LEU:HB2	3	0.3	0.18	0.18
(11,116)	1:22:A:ASP:H	1:23:A:LEU:HB3	3	0.3	0.18	0.18
(17,115)	1:22:A:ASP:H	1:23:A:LEU:HB2	3	0.3	0.18	0.18
(17,115)	1:22:A:ASP:H	1:23:A:LEU:HB3	3	0.3	0.18	0.18
(34,119)	1:22:A:ASP:H	1:23:A:LEU:HB2	3	0.3	0.18	0.18
(34,119)	1:22:A:ASP:H	1:23:A:LEU:HB3	3	0.3	0.18	0.18
(29,2016)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	3	0.3	0.12	0.26
(29,2016)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	3	0.3	0.12	0.26
(29,2016)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	3	0.3	0.12	0.26
(29,2016)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	3	0.3	0.12	0.26
(29,2016)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	3	0.3	0.12	0.26
(29,2016)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	3	0.3	0.12	0.26
(2,1655)	1:26:A:ASP:HA	1:27:A:ARG:HB2	3	0.3	0.09	0.28
(2,1702)	1:69:A:MET:HG3	1:109:A:PRO:HA	3	0.3	0.15	0.25
(2,1806)	1:80:A:TYR:HD1	1:81:A:GLU:HA	3	0.3	0.04	0.29
(2,1806)	1:80:A:TYR:HD2	1:81:A:GLU:HA	3	0.3	0.04	0.29
(3,1668)	1:26:A:ASP:HA	1:27:A:ARG:HB2	3	0.3	0.09	0.28
(5,1652)	1:26:A:ASP:HA	1:27:A:ARG:HB2	3	0.3	0.09	0.28
(6,1638)	1:26:A:ASP:HA	1:27:A:ARG:HB2	3	0.3	0.09	0.28
(7,1654)	1:69:A:MET:HG3	1:109:A:PRO:HA	3	0.3	0.15	0.25
(7,1749)	1:80:A:TYR:HD1	1:81:A:GLU:HA	3	0.3	0.04	0.29
(7,1749)	1:80:A:TYR:HD2	1:81:A:GLU:HA	3	0.3	0.04	0.29
(9,1628)	1:26:A:ASP:HA	1:27:A:ARG:HB2	3	0.3	0.09	0.28
(11,1672)	1:26:A:ASP:HA	1:27:A:ARG:HB2	3	0.3	0.09	0.28
(13,1606)	1:26:A:ASP:HA	1:27:A:ARG:HB2	3	0.3	0.09	0.28
(13,1653)	1:69:A:MET:HG3	1:109:A:PRO:HA	3	0.3	0.15	0.25
(15,1631)	1:26:A:ASP:HA	1:27:A:ARG:HB2	3	0.3	0.09	0.28
(16,1775)	1:80:A:TYR:HD1	1:81:A:GLU:HA	3	0.3	0.04	0.29
(16,1775)	1:80:A:TYR:HD2	1:81:A:GLU:HA	3	0.3	0.04	0.29
(16,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	3	0.3	0.08	0.35
(16,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	3	0.3	0.08	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	3	0.3	0.08	0.35
(16,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	3	0.3	0.08	0.35
(16,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	3	0.3	0.08	0.35
(16,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	3	0.3	0.08	0.35
(17,1654)	1:26:A:ASP:HA	1:27:A:ARG:HB2	3	0.3	0.09	0.28
(18,1624)	1:26:A:ASP:HA	1:27:A:ARG:HB2	3	0.3	0.09	0.28
(29,1651)	1:26:A:ASP:HA	1:27:A:ARG:HB2	3	0.3	0.09	0.28
(30,1691)	1:69:A:MET:HG3	1:109:A:PRO:HA	3	0.3	0.15	0.25
(32,1641)	1:69:A:MET:HG3	1:109:A:PRO:HA	3	0.3	0.15	0.25
(32,1746)	1:80:A:TYR:HD1	1:81:A:GLU:HA	3	0.3	0.04	0.29
(32,1746)	1:80:A:TYR:HD2	1:81:A:GLU:HA	3	0.3	0.04	0.29
(34,1650)	1:26:A:ASP:HA	1:27:A:ARG:HB2	3	0.3	0.09	0.28
(34,1798)	1:80:A:TYR:HD1	1:81:A:GLU:HA	3	0.3	0.04	0.29
(34,1798)	1:80:A:TYR:HD2	1:81:A:GLU:HA	3	0.3	0.04	0.29
(4,1114)	1:140:A:LEU:HA	1:144:A:LEU:HD21	3	0.3	0.05	0.28
(4,1114)	1:140:A:LEU:HA	1:144:A:LEU:HD22	3	0.3	0.05	0.28
(4,1114)	1:140:A:LEU:HA	1:144:A:LEU:HD23	3	0.3	0.05	0.28
(5,1237)	1:140:A:LEU:HA	1:144:A:LEU:HD21	3	0.3	0.05	0.28
(5,1237)	1:140:A:LEU:HA	1:144:A:LEU:HD22	3	0.3	0.05	0.28
(5,1237)	1:140:A:LEU:HA	1:144:A:LEU:HD23	3	0.3	0.05	0.28
(6,1117)	1:140:A:LEU:HA	1:144:A:LEU:HD21	3	0.3	0.05	0.28
(6,1117)	1:140:A:LEU:HA	1:144:A:LEU:HD22	3	0.3	0.05	0.28
(6,1117)	1:140:A:LEU:HA	1:144:A:LEU:HD23	3	0.3	0.05	0.28
(9,1230)	1:140:A:LEU:HA	1:144:A:LEU:HD21	3	0.3	0.05	0.28
(9,1230)	1:140:A:LEU:HA	1:144:A:LEU:HD22	3	0.3	0.05	0.28
(9,1230)	1:140:A:LEU:HA	1:144:A:LEU:HD23	3	0.3	0.05	0.28
(9,2085)	1:39:A:VAL:HA	1:140:A:LEU:HD11	3	0.3	0.1	0.36
(9,2085)	1:39:A:VAL:HA	1:140:A:LEU:HD12	3	0.3	0.1	0.36
(9,2085)	1:39:A:VAL:HA	1:140:A:LEU:HD13	3	0.3	0.1	0.36
(9,2085)	1:39:A:VAL:HA	1:140:A:LEU:HD21	3	0.3	0.1	0.36
(9,2085)	1:39:A:VAL:HA	1:140:A:LEU:HD22	3	0.3	0.1	0.36
(9,2085)	1:39:A:VAL:HA	1:140:A:LEU:HD23	3	0.3	0.1	0.36
(13,1107)	1:140:A:LEU:HA	1:144:A:LEU:HD21	3	0.3	0.05	0.28
(13,1107)	1:140:A:LEU:HA	1:144:A:LEU:HD22	3	0.3	0.05	0.28
(13,1107)	1:140:A:LEU:HA	1:144:A:LEU:HD23	3	0.3	0.05	0.28
(16,2117)	1:39:A:VAL:HA	1:140:A:LEU:HD11	3	0.3	0.1	0.36
(16,2117)	1:39:A:VAL:HA	1:140:A:LEU:HD12	3	0.3	0.1	0.36
(16,2117)	1:39:A:VAL:HA	1:140:A:LEU:HD13	3	0.3	0.1	0.36
(16,2117)	1:39:A:VAL:HA	1:140:A:LEU:HD21	3	0.3	0.1	0.36
(16,2117)	1:39:A:VAL:HA	1:140:A:LEU:HD22	3	0.3	0.1	0.36
(16,2117)	1:39:A:VAL:HA	1:140:A:LEU:HD23	3	0.3	0.1	0.36
(29,1243)	1:140:A:LEU:HA	1:144:A:LEU:HD21	3	0.3	0.05	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,1243)	1:140:A:LEU:HA	1:144:A:LEU:HD22	3	0.3	0.05	0.28
(29,1243)	1:140:A:LEU:HA	1:144:A:LEU:HD23	3	0.3	0.05	0.28
(30,1123)	1:140:A:LEU:HA	1:144:A:LEU:HD21	3	0.3	0.05	0.28
(30,1123)	1:140:A:LEU:HA	1:144:A:LEU:HD22	3	0.3	0.05	0.28
(30,1123)	1:140:A:LEU:HA	1:144:A:LEU:HD23	3	0.3	0.05	0.28
(1,2271)	1:97:A:ASP:HA	1:105:A:LYS:HG2	3	0.3	0.11	0.29
(1,2271)	1:97:A:ASP:HA	1:105:A:LYS:HG3	3	0.3	0.11	0.29
(2,2312)	1:97:A:ASP:HA	1:105:A:LYS:HG2	3	0.3	0.11	0.29
(2,2312)	1:97:A:ASP:HA	1:105:A:LYS:HG3	3	0.3	0.11	0.29
(3,2324)	1:97:A:ASP:HA	1:105:A:LYS:HG2	3	0.3	0.11	0.29
(3,2324)	1:97:A:ASP:HA	1:105:A:LYS:HG3	3	0.3	0.11	0.29
(4,2287)	1:97:A:ASP:HA	1:105:A:LYS:HG2	3	0.3	0.11	0.29
(4,2287)	1:97:A:ASP:HA	1:105:A:LYS:HG3	3	0.3	0.11	0.29
(5,1083)	1:44:A:GLU:HA	1:48:A:ARG:HB2	3	0.3	0.12	0.22
(5,1083)	1:44:A:GLU:HA	1:48:A:ARG:HB3	3	0.3	0.12	0.22
(6,2293)	1:97:A:ASP:HA	1:105:A:LYS:HG2	3	0.3	0.11	0.29
(6,2293)	1:97:A:ASP:HA	1:105:A:LYS:HG3	3	0.3	0.11	0.29
(7,2268)	1:97:A:ASP:HA	1:105:A:LYS:HG2	3	0.3	0.11	0.29
(7,2268)	1:97:A:ASP:HA	1:105:A:LYS:HG3	3	0.3	0.11	0.29
(16,2286)	1:97:A:ASP:HA	1:105:A:LYS:HG2	3	0.3	0.11	0.29
(16,2286)	1:97:A:ASP:HA	1:105:A:LYS:HG3	3	0.3	0.11	0.29
(17,2298)	1:97:A:ASP:HA	1:105:A:LYS:HG2	3	0.3	0.11	0.29
(17,2298)	1:97:A:ASP:HA	1:105:A:LYS:HG3	3	0.3	0.11	0.29
(18,2284)	1:97:A:ASP:HA	1:105:A:LYS:HG2	3	0.3	0.11	0.29
(18,2284)	1:97:A:ASP:HA	1:105:A:LYS:HG3	3	0.3	0.11	0.29
(29,2287)	1:97:A:ASP:HA	1:105:A:LYS:HG2	3	0.3	0.11	0.29
(29,2287)	1:97:A:ASP:HA	1:105:A:LYS:HG3	3	0.3	0.11	0.29
(30,2301)	1:97:A:ASP:HA	1:105:A:LYS:HG2	3	0.3	0.11	0.29
(30,2301)	1:97:A:ASP:HA	1:105:A:LYS:HG3	3	0.3	0.11	0.29
(32,1292)	1:123:A:CYS:HB2	1:128:A:LEU:HD11	3	0.3	0.09	0.3
(32,1292)	1:123:A:CYS:HB2	1:128:A:LEU:HD12	3	0.3	0.09	0.3
(32,1292)	1:123:A:CYS:HB2	1:128:A:LEU:HD13	3	0.3	0.09	0.3
(33,1324)	1:123:A:CYS:HB2	1:128:A:LEU:HD11	3	0.3	0.09	0.3
(33,1324)	1:123:A:CYS:HB2	1:128:A:LEU:HD12	3	0.3	0.09	0.3
(33,1324)	1:123:A:CYS:HB2	1:128:A:LEU:HD13	3	0.3	0.09	0.3
(34,1343)	1:123:A:CYS:HB2	1:128:A:LEU:HD11	3	0.3	0.09	0.3
(34,1343)	1:123:A:CYS:HB2	1:128:A:LEU:HD12	3	0.3	0.09	0.3
(34,1343)	1:123:A:CYS:HB2	1:128:A:LEU:HD13	3	0.3	0.09	0.3
(2,1174)	1:129:A:LYS:HA	1:129:A:LYS:HG2	3	0.29	0.01	0.3
(29,1193)	1:129:A:LYS:HA	1:129:A:LYS:HG2	3	0.29	0.01	0.3
(30,1177)	1:129:A:LYS:HA	1:129:A:LYS:HG2	3	0.29	0.01	0.3
(1,1112)	1:116:A:GLN:HA	1:119:A:LEU:HD21	3	0.29	0.02	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1112)	1:116:A:GLN:HA	1:119:A:LEU:HD22	3	0.29	0.02	0.3
(1,1112)	1:116:A:GLN:HA	1:119:A:LEU:HD23	3	0.29	0.02	0.3
(1,1738)	1:21:A:THR:HG21	1:24:A:ASP:H	3	0.29	0.27	0.11
(1,1738)	1:21:A:THR:HG22	1:24:A:ASP:H	3	0.29	0.27	0.11
(1,1738)	1:21:A:THR:HG23	1:24:A:ASP:H	3	0.29	0.27	0.11
(2,1093)	1:116:A:GLN:HA	1:119:A:LEU:HD21	3	0.29	0.02	0.3
(2,1093)	1:116:A:GLN:HA	1:119:A:LEU:HD22	3	0.29	0.02	0.3
(2,1093)	1:116:A:GLN:HA	1:119:A:LEU:HD23	3	0.29	0.02	0.3
(3,737)	1:73:A:ILE:HG21	1:76:A:ARG:HE	3	0.29	0.17	0.18
(3,737)	1:73:A:ILE:HG22	1:76:A:ARG:HE	3	0.29	0.17	0.18
(3,737)	1:73:A:ILE:HG23	1:76:A:ARG:HE	3	0.29	0.17	0.18
(4,1984)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	3	0.29	0.12	0.25
(4,1984)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	3	0.29	0.12	0.25
(4,1984)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	3	0.29	0.12	0.25
(4,1984)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	3	0.29	0.12	0.25
(4,1984)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	3	0.29	0.12	0.25
(4,1984)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	3	0.29	0.12	0.25
(5,1111)	1:116:A:GLN:HA	1:119:A:LEU:HD21	3	0.29	0.02	0.3
(5,1111)	1:116:A:GLN:HA	1:119:A:LEU:HD22	3	0.29	0.02	0.3
(5,1111)	1:116:A:GLN:HA	1:119:A:LEU:HD23	3	0.29	0.02	0.3
(7,1159)	1:116:A:GLN:HA	1:119:A:LEU:HD21	3	0.29	0.02	0.3
(7,1159)	1:116:A:GLN:HA	1:119:A:LEU:HD22	3	0.29	0.02	0.3
(7,1159)	1:116:A:GLN:HA	1:119:A:LEU:HD23	3	0.29	0.02	0.3
(9,1101)	1:116:A:GLN:HA	1:119:A:LEU:HD21	3	0.29	0.02	0.3
(9,1101)	1:116:A:GLN:HA	1:119:A:LEU:HD22	3	0.29	0.02	0.3
(9,1101)	1:116:A:GLN:HA	1:119:A:LEU:HD23	3	0.29	0.02	0.3
(11,1109)	1:116:A:GLN:HA	1:119:A:LEU:HD21	3	0.29	0.02	0.3
(11,1109)	1:116:A:GLN:HA	1:119:A:LEU:HD22	3	0.29	0.02	0.3
(11,1109)	1:116:A:GLN:HA	1:119:A:LEU:HD23	3	0.29	0.02	0.3
(13,1156)	1:116:A:GLN:HA	1:119:A:LEU:HD21	3	0.29	0.02	0.3
(13,1156)	1:116:A:GLN:HA	1:119:A:LEU:HD22	3	0.29	0.02	0.3
(13,1156)	1:116:A:GLN:HA	1:119:A:LEU:HD23	3	0.29	0.02	0.3
(15,1179)	1:116:A:GLN:HA	1:119:A:LEU:HD21	3	0.29	0.02	0.3
(15,1179)	1:116:A:GLN:HA	1:119:A:LEU:HD22	3	0.29	0.02	0.3
(15,1179)	1:116:A:GLN:HA	1:119:A:LEU:HD23	3	0.29	0.02	0.3
(16,1185)	1:116:A:GLN:HA	1:119:A:LEU:HD21	3	0.29	0.02	0.3
(16,1185)	1:116:A:GLN:HA	1:119:A:LEU:HD22	3	0.29	0.02	0.3
(16,1185)	1:116:A:GLN:HA	1:119:A:LEU:HD23	3	0.29	0.02	0.3
(17,1110)	1:116:A:GLN:HA	1:119:A:LEU:HD21	3	0.29	0.02	0.3
(17,1110)	1:116:A:GLN:HA	1:119:A:LEU:HD22	3	0.29	0.02	0.3
(17,1110)	1:116:A:GLN:HA	1:119:A:LEU:HD23	3	0.29	0.02	0.3
(30,1094)	1:116:A:GLN:HA	1:119:A:LEU:HD21	3	0.29	0.02	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,1094)	1:116:A:GLN:HA	1:119:A:LEU:HD22	3	0.29	0.02	0.3
(30,1094)	1:116:A:GLN:HA	1:119:A:LEU:HD23	3	0.29	0.02	0.3
(33,1097)	1:116:A:GLN:HA	1:119:A:LEU:HD21	3	0.29	0.02	0.3
(33,1097)	1:116:A:GLN:HA	1:119:A:LEU:HD22	3	0.29	0.02	0.3
(33,1097)	1:116:A:GLN:HA	1:119:A:LEU:HD23	3	0.29	0.02	0.3
(4,425)	1:68:A:LYS:H	1:68:A:LYS:HE2	3	0.29	0.11	0.3
(4,425)	1:68:A:LYS:H	1:68:A:LYS:HE3	3	0.29	0.11	0.3
(11,1853)	1:9:A:PHE:HZ	1:54:A:ARG:HA	3	0.29	0.08	0.28
(2,1486)	1:101:A:ILE:HG21	1:115:A:ALA:HA	3	0.29	0.07	0.27
(2,1486)	1:101:A:ILE:HG22	1:115:A:ALA:HA	3	0.29	0.07	0.27
(2,1486)	1:101:A:ILE:HG23	1:115:A:ALA:HA	3	0.29	0.07	0.27
(3,1506)	1:101:A:ILE:HG21	1:115:A:ALA:HA	3	0.29	0.07	0.27
(3,1506)	1:101:A:ILE:HG22	1:115:A:ALA:HA	3	0.29	0.07	0.27
(3,1506)	1:101:A:ILE:HG23	1:115:A:ALA:HA	3	0.29	0.07	0.27
(4,1407)	1:69:A:MET:HE1	1:73:A:ILE:HG21	3	0.29	0.13	0.28
(4,1407)	1:69:A:MET:HE1	1:73:A:ILE:HG22	3	0.29	0.13	0.28
(4,1407)	1:69:A:MET:HE1	1:73:A:ILE:HG23	3	0.29	0.13	0.28
(4,1407)	1:69:A:MET:HE2	1:73:A:ILE:HG21	3	0.29	0.13	0.28
(4,1407)	1:69:A:MET:HE2	1:73:A:ILE:HG22	3	0.29	0.13	0.28
(4,1407)	1:69:A:MET:HE2	1:73:A:ILE:HG23	3	0.29	0.13	0.28
(4,1407)	1:69:A:MET:HE3	1:73:A:ILE:HG21	3	0.29	0.13	0.28
(4,1407)	1:69:A:MET:HE3	1:73:A:ILE:HG22	3	0.29	0.13	0.28
(4,1407)	1:69:A:MET:HE3	1:73:A:ILE:HG23	3	0.29	0.13	0.28
(6,1422)	1:69:A:MET:HE1	1:73:A:ILE:HG21	3	0.29	0.13	0.28
(6,1422)	1:69:A:MET:HE1	1:73:A:ILE:HG22	3	0.29	0.13	0.28
(6,1422)	1:69:A:MET:HE1	1:73:A:ILE:HG23	3	0.29	0.13	0.28
(6,1422)	1:69:A:MET:HE2	1:73:A:ILE:HG21	3	0.29	0.13	0.28
(6,1422)	1:69:A:MET:HE2	1:73:A:ILE:HG22	3	0.29	0.13	0.28
(6,1422)	1:69:A:MET:HE2	1:73:A:ILE:HG23	3	0.29	0.13	0.28
(6,1422)	1:69:A:MET:HE3	1:73:A:ILE:HG21	3	0.29	0.13	0.28
(6,1422)	1:69:A:MET:HE3	1:73:A:ILE:HG22	3	0.29	0.13	0.28
(6,1422)	1:69:A:MET:HE3	1:73:A:ILE:HG23	3	0.29	0.13	0.28
(6,1474)	1:101:A:ILE:HG21	1:115:A:ALA:HA	3	0.29	0.07	0.27
(6,1474)	1:101:A:ILE:HG22	1:115:A:ALA:HA	3	0.29	0.07	0.27
(6,1474)	1:101:A:ILE:HG23	1:115:A:ALA:HA	3	0.29	0.07	0.27
(7,1409)	1:69:A:MET:HE1	1:73:A:ILE:HG21	3	0.29	0.13	0.28
(7,1409)	1:69:A:MET:HE1	1:73:A:ILE:HG22	3	0.29	0.13	0.28
(7,1409)	1:69:A:MET:HE1	1:73:A:ILE:HG23	3	0.29	0.13	0.28
(7,1409)	1:69:A:MET:HE2	1:73:A:ILE:HG21	3	0.29	0.13	0.28
(7,1409)	1:69:A:MET:HE2	1:73:A:ILE:HG22	3	0.29	0.13	0.28
(7,1409)	1:69:A:MET:HE2	1:73:A:ILE:HG23	3	0.29	0.13	0.28
(7,1409)	1:69:A:MET:HE3	1:73:A:ILE:HG21	3	0.29	0.13	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1409)	1:69:A:MET:HE3	1:73:A:ILE:HG22	3	0.29	0.13	0.28
(7,1409)	1:69:A:MET:HE3	1:73:A:ILE:HG23	3	0.29	0.13	0.28
(7,1459)	1:101:A:ILE:HG21	1:115:A:ALA:HA	3	0.29	0.07	0.27
(7,1459)	1:101:A:ILE:HG22	1:115:A:ALA:HA	3	0.29	0.07	0.27
(7,1459)	1:101:A:ILE:HG23	1:115:A:ALA:HA	3	0.29	0.07	0.27
(9,1476)	1:101:A:ILE:HG21	1:115:A:ALA:HA	3	0.29	0.07	0.27
(9,1476)	1:101:A:ILE:HG22	1:115:A:ALA:HA	3	0.29	0.07	0.27
(9,1476)	1:101:A:ILE:HG23	1:115:A:ALA:HA	3	0.29	0.07	0.27
(13,1528)	1:123:A:CYS:H	1:128:A:LEU:HD21	3	0.29	0.13	0.22
(13,1528)	1:123:A:CYS:H	1:128:A:LEU:HD22	3	0.29	0.13	0.22
(13,1528)	1:123:A:CYS:H	1:128:A:LEU:HD23	3	0.29	0.13	0.22
(16,1427)	1:69:A:MET:HE1	1:73:A:ILE:HG21	3	0.29	0.13	0.28
(16,1427)	1:69:A:MET:HE1	1:73:A:ILE:HG22	3	0.29	0.13	0.28
(16,1427)	1:69:A:MET:HE1	1:73:A:ILE:HG23	3	0.29	0.13	0.28
(16,1427)	1:69:A:MET:HE2	1:73:A:ILE:HG21	3	0.29	0.13	0.28
(16,1427)	1:69:A:MET:HE2	1:73:A:ILE:HG22	3	0.29	0.13	0.28
(16,1427)	1:69:A:MET:HE2	1:73:A:ILE:HG23	3	0.29	0.13	0.28
(16,1427)	1:69:A:MET:HE3	1:73:A:ILE:HG21	3	0.29	0.13	0.28
(16,1427)	1:69:A:MET:HE3	1:73:A:ILE:HG22	3	0.29	0.13	0.28
(16,1427)	1:69:A:MET:HE3	1:73:A:ILE:HG23	3	0.29	0.13	0.28
(17,1504)	1:101:A:ILE:HG21	1:115:A:ALA:HA	3	0.29	0.07	0.27
(17,1504)	1:101:A:ILE:HG22	1:115:A:ALA:HA	3	0.29	0.07	0.27
(17,1504)	1:101:A:ILE:HG23	1:115:A:ALA:HA	3	0.29	0.07	0.27
(30,1143)	1:78:A:HIS:HA	1:79:A:THR:HB	3	0.29	0.08	0.34
(30,1480)	1:101:A:ILE:HG21	1:115:A:ALA:HA	3	0.29	0.07	0.27
(30,1480)	1:101:A:ILE:HG22	1:115:A:ALA:HA	3	0.29	0.07	0.27
(30,1480)	1:101:A:ILE:HG23	1:115:A:ALA:HA	3	0.29	0.07	0.27
(32,1780)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	3	0.29	0.19	0.19
(32,1780)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	3	0.29	0.19	0.19
(32,1780)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	3	0.29	0.19	0.19
(32,1780)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	3	0.29	0.19	0.19
(32,1780)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	3	0.29	0.19	0.19
(32,1780)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	3	0.29	0.19	0.19
(33,1423)	1:69:A:MET:HE1	1:73:A:ILE:HG21	3	0.29	0.13	0.28
(33,1423)	1:69:A:MET:HE1	1:73:A:ILE:HG22	3	0.29	0.13	0.28
(33,1423)	1:69:A:MET:HE1	1:73:A:ILE:HG23	3	0.29	0.13	0.28
(33,1423)	1:69:A:MET:HE2	1:73:A:ILE:HG21	3	0.29	0.13	0.28
(33,1423)	1:69:A:MET:HE2	1:73:A:ILE:HG22	3	0.29	0.13	0.28
(33,1423)	1:69:A:MET:HE2	1:73:A:ILE:HG23	3	0.29	0.13	0.28
(33,1423)	1:69:A:MET:HE3	1:73:A:ILE:HG21	3	0.29	0.13	0.28
(33,1423)	1:69:A:MET:HE3	1:73:A:ILE:HG22	3	0.29	0.13	0.28
(33,1423)	1:69:A:MET:HE3	1:73:A:ILE:HG23	3	0.29	0.13	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,1524)	1:69:A:MET:HE1	1:76:A:ARG:HG2	3	0.29	0.06	0.3
(33,1524)	1:69:A:MET:HE1	1:76:A:ARG:HG3	3	0.29	0.06	0.3
(33,1524)	1:69:A:MET:HE2	1:76:A:ARG:HG2	3	0.29	0.06	0.3
(33,1524)	1:69:A:MET:HE2	1:76:A:ARG:HG3	3	0.29	0.06	0.3
(33,1524)	1:69:A:MET:HE3	1:76:A:ARG:HG2	3	0.29	0.06	0.3
(33,1524)	1:69:A:MET:HE3	1:76:A:ARG:HG3	3	0.29	0.06	0.3
(34,1441)	1:69:A:MET:HE1	1:73:A:ILE:HG21	3	0.29	0.13	0.28
(34,1441)	1:69:A:MET:HE1	1:73:A:ILE:HG22	3	0.29	0.13	0.28
(34,1441)	1:69:A:MET:HE1	1:73:A:ILE:HG23	3	0.29	0.13	0.28
(34,1441)	1:69:A:MET:HE2	1:73:A:ILE:HG21	3	0.29	0.13	0.28
(34,1441)	1:69:A:MET:HE2	1:73:A:ILE:HG22	3	0.29	0.13	0.28
(34,1441)	1:69:A:MET:HE2	1:73:A:ILE:HG23	3	0.29	0.13	0.28
(34,1441)	1:69:A:MET:HE3	1:73:A:ILE:HG21	3	0.29	0.13	0.28
(34,1441)	1:69:A:MET:HE3	1:73:A:ILE:HG22	3	0.29	0.13	0.28
(34,1441)	1:69:A:MET:HE3	1:73:A:ILE:HG23	3	0.29	0.13	0.28
(34,1497)	1:101:A:ILE:HG21	1:115:A:ALA:HA	3	0.29	0.07	0.27
(34,1497)	1:101:A:ILE:HG22	1:115:A:ALA:HA	3	0.29	0.07	0.27
(34,1497)	1:101:A:ILE:HG23	1:115:A:ALA:HA	3	0.29	0.07	0.27
(2,630)	1:9:A:PHE:HD1	1:58:A:ILE:H	3	0.29	0.0	0.29
(2,630)	1:9:A:PHE:HD2	1:58:A:ILE:H	3	0.29	0.0	0.29
(3,636)	1:9:A:PHE:HD1	1:58:A:ILE:H	3	0.29	0.0	0.29
(3,636)	1:9:A:PHE:HD2	1:58:A:ILE:H	3	0.29	0.0	0.29
(5,2248)	1:70:A:LYS:H	1:70:A:LYS:HD2	3	0.29	0.11	0.3
(5,2248)	1:70:A:LYS:H	1:70:A:LYS:HD3	3	0.29	0.11	0.3
(5,2344)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	3	0.29	0.06	0.3
(5,2344)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	3	0.29	0.06	0.3
(5,2344)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	3	0.29	0.06	0.3
(5,2344)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	3	0.29	0.06	0.3
(5,2344)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	3	0.29	0.06	0.3
(5,2344)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	3	0.29	0.06	0.3
(6,1560)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	3	0.29	0.19	0.17
(6,1560)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	3	0.29	0.19	0.17
(6,1560)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	3	0.29	0.19	0.17
(6,1560)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	3	0.29	0.19	0.17
(6,1560)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	3	0.29	0.19	0.17
(6,1560)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	3	0.29	0.19	0.17
(6,1560)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	3	0.29	0.19	0.17
(6,1560)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	3	0.29	0.19	0.17
(6,1560)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	3	0.29	0.19	0.17
(11,631)	1:9:A:PHE:HD1	1:58:A:ILE:H	3	0.29	0.0	0.29
(11,631)	1:9:A:PHE:HD2	1:58:A:ILE:H	3	0.29	0.0	0.29
(17,1343)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	3	0.29	0.19	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,1343)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	3	0.29	0.19	0.17
(17,1343)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	3	0.29	0.19	0.17
(17,1343)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	3	0.29	0.19	0.17
(17,1343)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	3	0.29	0.19	0.17
(17,1343)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	3	0.29	0.19	0.17
(17,1343)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	3	0.29	0.19	0.17
(17,1343)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	3	0.29	0.19	0.17
(17,1343)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	3	0.29	0.19	0.17
(29,2330)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	3	0.29	0.06	0.3
(29,2330)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	3	0.29	0.06	0.3
(29,2330)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	3	0.29	0.06	0.3
(29,2330)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	3	0.29	0.06	0.3
(29,2330)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	3	0.29	0.06	0.3
(29,2330)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	3	0.29	0.06	0.3
(32,616)	1:9:A:PHE:HD1	1:58:A:ILE:H	3	0.29	0.0	0.29
(32,616)	1:9:A:PHE:HD2	1:58:A:ILE:H	3	0.29	0.0	0.29
(33,764)	1:69:A:MET:HG2	1:73:A:ILE:HD11	3	0.29	0.07	0.24
(33,764)	1:69:A:MET:HG2	1:73:A:ILE:HD12	3	0.29	0.07	0.24
(33,764)	1:69:A:MET:HG2	1:73:A:ILE:HD13	3	0.29	0.07	0.24
(34,637)	1:9:A:PHE:HD1	1:58:A:ILE:H	3	0.29	0.0	0.29
(34,637)	1:9:A:PHE:HD2	1:58:A:ILE:H	3	0.29	0.0	0.29
(13,990)	1:27:A:ARG:HB2	1:28:A:GLY:H	3	0.29	0.1	0.29
(34,1034)	1:27:A:ARG:HB2	1:28:A:GLY:H	3	0.29	0.1	0.29
(6,2047)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	3	0.28	0.12	0.31
(6,2047)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	3	0.28	0.12	0.31
(6,2047)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	3	0.28	0.12	0.31
(6,2047)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	3	0.28	0.12	0.31
(6,2047)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	3	0.28	0.12	0.31
(6,2047)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	3	0.28	0.12	0.31
(6,2047)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	3	0.28	0.12	0.31
(6,2047)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	3	0.28	0.12	0.31
(6,2047)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	3	0.28	0.12	0.31
(6,2047)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	3	0.28	0.12	0.31
(6,2047)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	3	0.28	0.12	0.31
(6,2047)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	3	0.28	0.12	0.31
(11,999)	1:63:A:ILE:HA	1:64:A:LYS:HD2	3	0.28	0.12	0.34
(11,999)	1:63:A:ILE:HA	1:64:A:LYS:HD3	3	0.28	0.12	0.34
(15,999)	1:63:A:ILE:HA	1:64:A:LYS:HD2	3	0.28	0.12	0.34
(15,999)	1:63:A:ILE:HA	1:64:A:LYS:HD3	3	0.28	0.12	0.34
(33,2042)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	3	0.28	0.12	0.31
(33,2042)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	3	0.28	0.12	0.31
(33,2042)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	3	0.28	0.12	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,2042)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	3	0.28	0.12	0.31
(33,2042)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	3	0.28	0.12	0.31
(33,2042)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	3	0.28	0.12	0.31
(33,2042)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	3	0.28	0.12	0.31
(33,2042)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	3	0.28	0.12	0.31
(33,2042)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	3	0.28	0.12	0.31
(33,2042)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	3	0.28	0.12	0.31
(33,2042)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	3	0.28	0.12	0.31
(33,2042)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	3	0.28	0.12	0.31
(5,2392)	1:126:A:GLY:H	1:129:A:LYS:HG2	3	0.28	0.17	0.18
(5,2392)	1:126:A:GLY:H	1:129:A:LYS:HG3	3	0.28	0.17	0.18
(6,2401)	1:126:A:GLY:H	1:129:A:LYS:HG2	3	0.28	0.17	0.18
(6,2401)	1:126:A:GLY:H	1:129:A:LYS:HG3	3	0.28	0.17	0.18
(9,1243)	1:38:A:GLU:HB2	1:139:A:LEU:HD21	3	0.28	0.11	0.25
(9,1243)	1:38:A:GLU:HB2	1:139:A:LEU:HD22	3	0.28	0.11	0.25
(9,1243)	1:38:A:GLU:HB2	1:139:A:LEU:HD23	3	0.28	0.11	0.25
(9,2341)	1:126:A:GLY:H	1:129:A:LYS:HG2	3	0.28	0.17	0.18
(9,2341)	1:126:A:GLY:H	1:129:A:LYS:HG3	3	0.28	0.17	0.18
(11,2395)	1:126:A:GLY:H	1:129:A:LYS:HG2	3	0.28	0.17	0.18
(11,2395)	1:126:A:GLY:H	1:129:A:LYS:HG3	3	0.28	0.17	0.18
(15,1724)	1:18:A:PHE:HB3	1:132:A:ALA:HA	3	0.28	0.11	0.21
(15,1724)	1:18:A:PHE:HB2	1:132:A:ALA:HA	3	0.28	0.11	0.21
(32,2398)	1:126:A:GLY:H	1:129:A:LYS:HG2	3	0.28	0.17	0.18
(32,2398)	1:126:A:GLY:H	1:129:A:LYS:HG3	3	0.28	0.17	0.18
(33,2414)	1:126:A:GLY:H	1:129:A:LYS:HG2	3	0.28	0.17	0.18
(33,2414)	1:126:A:GLY:H	1:129:A:LYS:HG3	3	0.28	0.17	0.18
(34,253)	1:58:A:ILE:H	1:58:A:ILE:HG13	3	0.28	0.06	0.3
(3,150)	1:138:A:ASP:H	1:140:A:LEU:HB2	3	0.28	0.15	0.23
(7,151)	1:138:A:ASP:H	1:140:A:LEU:HB2	3	0.28	0.15	0.23
(13,149)	1:138:A:ASP:H	1:140:A:LEU:HB2	3	0.28	0.15	0.23
(29,157)	1:138:A:ASP:H	1:140:A:LEU:HB2	3	0.28	0.15	0.23
(1,1552)	1:76:A:ARG:HE	1:110:A:MET:HE1	3	0.28	0.07	0.26
(1,1552)	1:76:A:ARG:HE	1:110:A:MET:HE2	3	0.28	0.07	0.26
(1,1552)	1:76:A:ARG:HE	1:110:A:MET:HE3	3	0.28	0.07	0.26
(2,1538)	1:76:A:ARG:HE	1:110:A:MET:HE1	3	0.28	0.07	0.26
(2,1538)	1:76:A:ARG:HE	1:110:A:MET:HE2	3	0.28	0.07	0.26
(2,1538)	1:76:A:ARG:HE	1:110:A:MET:HE3	3	0.28	0.07	0.26
(2,2273)	1:70:A:LYS:H	1:70:A:LYS:HD2	3	0.28	0.11	0.29
(2,2273)	1:70:A:LYS:H	1:70:A:LYS:HD3	3	0.28	0.11	0.29
(4,1520)	1:76:A:ARG:HE	1:110:A:MET:HE1	3	0.28	0.07	0.26
(4,1520)	1:76:A:ARG:HE	1:110:A:MET:HE2	3	0.28	0.07	0.26
(4,1520)	1:76:A:ARG:HE	1:110:A:MET:HE3	3	0.28	0.07	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,1535)	1:76:A:ARG:HE	1:110:A:MET:HE1	3	0.28	0.07	0.26
(6,1535)	1:76:A:ARG:HE	1:110:A:MET:HE2	3	0.28	0.07	0.26
(6,1535)	1:76:A:ARG:HE	1:110:A:MET:HE3	3	0.28	0.07	0.26
(9,2205)	1:70:A:LYS:H	1:70:A:LYS:HD2	3	0.28	0.11	0.29
(9,2205)	1:70:A:LYS:H	1:70:A:LYS:HD3	3	0.28	0.11	0.29
(13,1508)	1:76:A:ARG:HE	1:110:A:MET:HE1	3	0.28	0.07	0.26
(13,1508)	1:76:A:ARG:HE	1:110:A:MET:HE2	3	0.28	0.07	0.26
(13,1508)	1:76:A:ARG:HE	1:110:A:MET:HE3	3	0.28	0.07	0.26
(18,2452)	1:141:A:LYS:HA	1:144:A:LEU:HD11	3	0.28	0.07	0.27
(18,2452)	1:141:A:LYS:HA	1:144:A:LEU:HD12	3	0.28	0.07	0.27
(18,2452)	1:141:A:LYS:HA	1:144:A:LEU:HD13	3	0.28	0.07	0.27
(18,2452)	1:141:A:LYS:HA	1:144:A:LEU:HD21	3	0.28	0.07	0.27
(18,2452)	1:141:A:LYS:HA	1:144:A:LEU:HD22	3	0.28	0.07	0.27
(18,2452)	1:141:A:LYS:HA	1:144:A:LEU:HD23	3	0.28	0.07	0.27
(29,795)	1:101:A:ILE:HD11	1:119:A:LEU:HG	3	0.28	0.06	0.31
(29,795)	1:101:A:ILE:HD12	1:119:A:LEU:HG	3	0.28	0.06	0.31
(29,795)	1:101:A:ILE:HD13	1:119:A:LEU:HG	3	0.28	0.06	0.31
(30,2176)	1:46:A:ASN:HB2	1:134:A:VAL:H	3	0.28	0.12	0.33
(30,2176)	1:46:A:ASN:HB3	1:134:A:VAL:H	3	0.28	0.12	0.33
(3,2498)	1:140:A:LEU:HD11	1:143:A:TRP:HD1	3	0.27	0.16	0.18
(3,2498)	1:140:A:LEU:HD12	1:143:A:TRP:HD1	3	0.27	0.16	0.18
(3,2498)	1:140:A:LEU:HD13	1:143:A:TRP:HD1	3	0.27	0.16	0.18
(3,2498)	1:140:A:LEU:HD21	1:143:A:TRP:HD1	3	0.27	0.16	0.18
(3,2498)	1:140:A:LEU:HD22	1:143:A:TRP:HD1	3	0.27	0.16	0.18
(3,2498)	1:140:A:LEU:HD23	1:143:A:TRP:HD1	3	0.27	0.16	0.18
(11,436)	1:68:A:LYS:H	1:68:A:LYS:HE2	3	0.27	0.11	0.28
(11,436)	1:68:A:LYS:H	1:68:A:LYS:HE3	3	0.27	0.11	0.28
(11,1814)	1:80:A:TYR:H	1:80:A:TYR:HD1	3	0.27	0.01	0.28
(11,1814)	1:80:A:TYR:H	1:80:A:TYR:HD2	3	0.27	0.01	0.28
(13,524)	1:71:A:LYS:HG3	1:72:A:PHE:H	3	0.27	0.07	0.32
(15,1768)	1:80:A:TYR:H	1:80:A:TYR:HD1	3	0.27	0.01	0.28
(15,1768)	1:80:A:TYR:H	1:80:A:TYR:HD2	3	0.27	0.01	0.28
(32,517)	1:71:A:LYS:HG3	1:72:A:PHE:H	3	0.27	0.07	0.32
(33,1497)	1:43:A:MET:HA	1:43:A:MET:HE1	3	0.27	0.04	0.29
(33,1497)	1:43:A:MET:HA	1:43:A:MET:HE2	3	0.27	0.04	0.29
(33,1497)	1:43:A:MET:HA	1:43:A:MET:HE3	3	0.27	0.04	0.29
(1,1660)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	3	0.27	0.06	0.25
(1,1660)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	3	0.27	0.06	0.25
(1,1660)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	3	0.27	0.06	0.25
(1,1660)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	3	0.27	0.06	0.25
(1,1660)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	3	0.27	0.06	0.25
(1,1660)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	3	0.27	0.06	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1980)	1:14:A:VAL:HG11	1:62:A:HIS:H	3	0.27	0.1	0.3
(1,1980)	1:14:A:VAL:HG12	1:62:A:HIS:H	3	0.27	0.1	0.3
(1,1980)	1:14:A:VAL:HG13	1:62:A:HIS:H	3	0.27	0.1	0.3
(1,1980)	1:14:A:VAL:HG21	1:62:A:HIS:H	3	0.27	0.1	0.3
(1,1980)	1:14:A:VAL:HG22	1:62:A:HIS:H	3	0.27	0.1	0.3
(1,1980)	1:14:A:VAL:HG23	1:62:A:HIS:H	3	0.27	0.1	0.3
(4,1626)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	3	0.27	0.06	0.25
(4,1626)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	3	0.27	0.06	0.25
(4,1626)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	3	0.27	0.06	0.25
(4,1626)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	3	0.27	0.06	0.25
(4,1626)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	3	0.27	0.06	0.25
(4,1626)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	3	0.27	0.06	0.25
(7,1620)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	3	0.27	0.06	0.25
(7,1620)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	3	0.27	0.06	0.25
(7,1620)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	3	0.27	0.06	0.25
(7,1620)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	3	0.27	0.06	0.25
(7,1620)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	3	0.27	0.06	0.25
(7,1620)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	3	0.27	0.06	0.25
(32,1607)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	3	0.27	0.06	0.25
(32,1607)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	3	0.27	0.06	0.25
(32,1607)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	3	0.27	0.06	0.25
(32,1607)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	3	0.27	0.06	0.25
(32,1607)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	3	0.27	0.06	0.25
(32,1607)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	3	0.27	0.06	0.25
(1,796)	1:101:A:ILE:HD11	1:119:A:LEU:HG	3	0.27	0.06	0.3
(1,796)	1:101:A:ILE:HD12	1:119:A:LEU:HG	3	0.27	0.06	0.3
(1,796)	1:101:A:ILE:HD13	1:119:A:LEU:HG	3	0.27	0.06	0.3
(4,770)	1:101:A:ILE:HD11	1:119:A:LEU:HG	3	0.27	0.06	0.3
(4,770)	1:101:A:ILE:HD12	1:119:A:LEU:HG	3	0.27	0.06	0.3
(4,770)	1:101:A:ILE:HD13	1:119:A:LEU:HG	3	0.27	0.06	0.3
(5,778)	1:101:A:ILE:HD11	1:119:A:LEU:HG	3	0.27	0.06	0.3
(5,778)	1:101:A:ILE:HD12	1:119:A:LEU:HG	3	0.27	0.06	0.3
(5,778)	1:101:A:ILE:HD13	1:119:A:LEU:HG	3	0.27	0.06	0.3
(16,787)	1:101:A:ILE:HD11	1:119:A:LEU:HG	3	0.27	0.06	0.3
(16,787)	1:101:A:ILE:HD12	1:119:A:LEU:HG	3	0.27	0.06	0.3
(16,787)	1:101:A:ILE:HD13	1:119:A:LEU:HG	3	0.27	0.06	0.3
(30,723)	1:50:A:ALA:H	1:130:A:GLY:HA3	3	0.27	0.06	0.29
(30,774)	1:101:A:ILE:HD11	1:119:A:LEU:HG	3	0.27	0.06	0.3
(30,774)	1:101:A:ILE:HD12	1:119:A:LEU:HG	3	0.27	0.06	0.3
(30,774)	1:101:A:ILE:HD13	1:119:A:LEU:HG	3	0.27	0.06	0.3
(32,711)	1:50:A:ALA:H	1:130:A:GLY:HA3	3	0.27	0.06	0.29
(33,772)	1:69:A:MET:HG3	1:73:A:ILE:HD11	3	0.27	0.07	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,772)	1:69:A:MET:HG3	1:73:A:ILE:HD12	3	0.27	0.07	0.26
(33,772)	1:69:A:MET:HG3	1:73:A:ILE:HD13	3	0.27	0.07	0.26
(34,786)	1:101:A:ILE:HD11	1:119:A:LEU:HG	3	0.27	0.06	0.3
(34,786)	1:101:A:ILE:HD12	1:119:A:LEU:HG	3	0.27	0.06	0.3
(34,786)	1:101:A:ILE:HD13	1:119:A:LEU:HG	3	0.27	0.06	0.3
(34,2458)	1:138:A:ASP:HB2	1:139:A:LEU:HD11	3	0.27	0.12	0.3
(34,2458)	1:138:A:ASP:HB2	1:139:A:LEU:HD12	3	0.27	0.12	0.3
(34,2458)	1:138:A:ASP:HB2	1:139:A:LEU:HD13	3	0.27	0.12	0.3
(34,2458)	1:138:A:ASP:HB2	1:139:A:LEU:HD21	3	0.27	0.12	0.3
(34,2458)	1:138:A:ASP:HB2	1:139:A:LEU:HD22	3	0.27	0.12	0.3
(34,2458)	1:138:A:ASP:HB2	1:139:A:LEU:HD23	3	0.27	0.12	0.3
(34,2458)	1:138:A:ASP:HB3	1:139:A:LEU:HD11	3	0.27	0.12	0.3
(34,2458)	1:138:A:ASP:HB3	1:139:A:LEU:HD12	3	0.27	0.12	0.3
(34,2458)	1:138:A:ASP:HB3	1:139:A:LEU:HD13	3	0.27	0.12	0.3
(34,2458)	1:138:A:ASP:HB3	1:139:A:LEU:HD21	3	0.27	0.12	0.3
(34,2458)	1:138:A:ASP:HB3	1:139:A:LEU:HD22	3	0.27	0.12	0.3
(34,2458)	1:138:A:ASP:HB3	1:139:A:LEU:HD23	3	0.27	0.12	0.3
(2,431)	1:68:A:LYS:H	1:68:A:LYS:HE2	3	0.26	0.11	0.27
(2,431)	1:68:A:LYS:H	1:68:A:LYS:HE3	3	0.26	0.11	0.27
(3,911)	1:95:A:ILE:H	1:95:A:ILE:HB	3	0.26	0.05	0.27
(30,2097)	1:37:A:LEU:HA	1:40:A:LEU:HD11	3	0.26	0.1	0.31
(30,2097)	1:37:A:LEU:HA	1:40:A:LEU:HD12	3	0.26	0.1	0.31
(30,2097)	1:37:A:LEU:HA	1:40:A:LEU:HD13	3	0.26	0.1	0.31
(30,2097)	1:37:A:LEU:HA	1:40:A:LEU:HD21	3	0.26	0.1	0.31
(30,2097)	1:37:A:LEU:HA	1:40:A:LEU:HD22	3	0.26	0.1	0.31
(30,2097)	1:37:A:LEU:HA	1:40:A:LEU:HD23	3	0.26	0.1	0.31
(34,1394)	1:132:A:ALA:HA	1:134:A:VAL:HG11	3	0.26	0.05	0.23
(34,1394)	1:132:A:ALA:HA	1:134:A:VAL:HG12	3	0.26	0.05	0.23
(34,1394)	1:132:A:ALA:HA	1:134:A:VAL:HG13	3	0.26	0.05	0.23
(1,912)	1:73:A:ILE:HB	1:76:A:ARG:HA	3	0.26	0.13	0.22
(3,2134)	1:39:A:VAL:HG11	1:42:A:GLU:HB2	3	0.26	0.03	0.28
(3,2134)	1:39:A:VAL:HG11	1:42:A:GLU:HB3	3	0.26	0.03	0.28
(3,2134)	1:39:A:VAL:HG12	1:42:A:GLU:HB2	3	0.26	0.03	0.28
(3,2134)	1:39:A:VAL:HG12	1:42:A:GLU:HB3	3	0.26	0.03	0.28
(3,2134)	1:39:A:VAL:HG13	1:42:A:GLU:HB2	3	0.26	0.03	0.28
(3,2134)	1:39:A:VAL:HG13	1:42:A:GLU:HB3	3	0.26	0.03	0.28
(3,2134)	1:39:A:VAL:HG21	1:42:A:GLU:HB2	3	0.26	0.03	0.28
(3,2134)	1:39:A:VAL:HG21	1:42:A:GLU:HB3	3	0.26	0.03	0.28
(3,2134)	1:39:A:VAL:HG22	1:42:A:GLU:HB2	3	0.26	0.03	0.28
(3,2134)	1:39:A:VAL:HG22	1:42:A:GLU:HB3	3	0.26	0.03	0.28
(3,2134)	1:39:A:VAL:HG23	1:42:A:GLU:HB2	3	0.26	0.03	0.28
(3,2134)	1:39:A:VAL:HG23	1:42:A:GLU:HB3	3	0.26	0.03	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1332)	1:73:A:ILE:HB	1:76:A:ARG:HA	3	0.26	0.13	0.22
(7,2083)	1:39:A:VAL:HG11	1:42:A:GLU:HB2	3	0.26	0.03	0.28
(7,2083)	1:39:A:VAL:HG11	1:42:A:GLU:HB3	3	0.26	0.03	0.28
(7,2083)	1:39:A:VAL:HG12	1:42:A:GLU:HB2	3	0.26	0.03	0.28
(7,2083)	1:39:A:VAL:HG12	1:42:A:GLU:HB3	3	0.26	0.03	0.28
(7,2083)	1:39:A:VAL:HG13	1:42:A:GLU:HB2	3	0.26	0.03	0.28
(7,2083)	1:39:A:VAL:HG13	1:42:A:GLU:HB3	3	0.26	0.03	0.28
(7,2083)	1:39:A:VAL:HG21	1:42:A:GLU:HB2	3	0.26	0.03	0.28
(7,2083)	1:39:A:VAL:HG21	1:42:A:GLU:HB3	3	0.26	0.03	0.28
(7,2083)	1:39:A:VAL:HG22	1:42:A:GLU:HB2	3	0.26	0.03	0.28
(7,2083)	1:39:A:VAL:HG22	1:42:A:GLU:HB3	3	0.26	0.03	0.28
(7,2083)	1:39:A:VAL:HG23	1:42:A:GLU:HB2	3	0.26	0.03	0.28
(7,2083)	1:39:A:VAL:HG23	1:42:A:GLU:HB3	3	0.26	0.03	0.28
(16,302)	1:42:A:GLU:HB3	1:43:A:MET:H	3	0.26	0.09	0.31
(16,1354)	1:73:A:ILE:HB	1:76:A:ARG:HA	3	0.26	0.13	0.22
(17,873)	1:121:A:VAL:H	1:122:A:ASP:HB2	3	0.26	0.11	0.3
(18,906)	1:73:A:ILE:HB	1:76:A:ARG:HA	3	0.26	0.13	0.22
(29,2120)	1:39:A:VAL:HG11	1:42:A:GLU:HB2	3	0.26	0.03	0.28
(29,2120)	1:39:A:VAL:HG11	1:42:A:GLU:HB3	3	0.26	0.03	0.28
(29,2120)	1:39:A:VAL:HG12	1:42:A:GLU:HB2	3	0.26	0.03	0.28
(29,2120)	1:39:A:VAL:HG12	1:42:A:GLU:HB3	3	0.26	0.03	0.28
(29,2120)	1:39:A:VAL:HG13	1:42:A:GLU:HB2	3	0.26	0.03	0.28
(29,2120)	1:39:A:VAL:HG13	1:42:A:GLU:HB3	3	0.26	0.03	0.28
(29,2120)	1:39:A:VAL:HG21	1:42:A:GLU:HB2	3	0.26	0.03	0.28
(29,2120)	1:39:A:VAL:HG21	1:42:A:GLU:HB3	3	0.26	0.03	0.28
(29,2120)	1:39:A:VAL:HG22	1:42:A:GLU:HB2	3	0.26	0.03	0.28
(29,2120)	1:39:A:VAL:HG22	1:42:A:GLU:HB3	3	0.26	0.03	0.28
(29,2120)	1:39:A:VAL:HG23	1:42:A:GLU:HB2	3	0.26	0.03	0.28
(29,2120)	1:39:A:VAL:HG23	1:42:A:GLU:HB3	3	0.26	0.03	0.28
(30,886)	1:73:A:ILE:HB	1:76:A:ARG:HA	3	0.26	0.13	0.22
(34,1370)	1:73:A:ILE:HB	1:76:A:ARG:HA	3	0.26	0.13	0.22
(7,2082)	1:39:A:VAL:HG11	1:40:A:LEU:HD11	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG11	1:40:A:LEU:HD12	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG11	1:40:A:LEU:HD13	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG11	1:40:A:LEU:HD21	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG11	1:40:A:LEU:HD22	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG11	1:40:A:LEU:HD23	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG12	1:40:A:LEU:HD11	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG12	1:40:A:LEU:HD12	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG12	1:40:A:LEU:HD13	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG12	1:40:A:LEU:HD21	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG12	1:40:A:LEU:HD22	3	0.26	0.13	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,2082)	1:39:A:VAL:HG12	1:40:A:LEU:HD23	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG13	1:40:A:LEU:HD11	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG13	1:40:A:LEU:HD12	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG13	1:40:A:LEU:HD13	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG13	1:40:A:LEU:HD21	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG13	1:40:A:LEU:HD22	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG13	1:40:A:LEU:HD23	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG21	1:40:A:LEU:HD11	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG21	1:40:A:LEU:HD12	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG21	1:40:A:LEU:HD13	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG21	1:40:A:LEU:HD21	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG21	1:40:A:LEU:HD22	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG21	1:40:A:LEU:HD23	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG22	1:40:A:LEU:HD11	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG22	1:40:A:LEU:HD12	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG22	1:40:A:LEU:HD13	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG22	1:40:A:LEU:HD21	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG22	1:40:A:LEU:HD22	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG22	1:40:A:LEU:HD23	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG23	1:40:A:LEU:HD11	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG23	1:40:A:LEU:HD12	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG23	1:40:A:LEU:HD13	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG23	1:40:A:LEU:HD21	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG23	1:40:A:LEU:HD22	3	0.26	0.13	0.27
(7,2082)	1:39:A:VAL:HG23	1:40:A:LEU:HD23	3	0.26	0.13	0.27
(3,1247)	1:144:A:LEU:HA	1:144:A:LEU:HD21	3	0.26	0.0	0.26
(3,1247)	1:144:A:LEU:HA	1:144:A:LEU:HD22	3	0.26	0.0	0.26
(3,1247)	1:144:A:LEU:HA	1:144:A:LEU:HD23	3	0.26	0.0	0.26
(6,2103)	1:39:A:VAL:HA	1:140:A:LEU:HD11	3	0.26	0.1	0.32
(6,2103)	1:39:A:VAL:HA	1:140:A:LEU:HD12	3	0.26	0.1	0.32
(6,2103)	1:39:A:VAL:HA	1:140:A:LEU:HD13	3	0.26	0.1	0.32
(6,2103)	1:39:A:VAL:HA	1:140:A:LEU:HD21	3	0.26	0.1	0.32
(6,2103)	1:39:A:VAL:HA	1:140:A:LEU:HD22	3	0.26	0.1	0.32
(6,2103)	1:39:A:VAL:HA	1:140:A:LEU:HD23	3	0.26	0.1	0.32
(7,1204)	1:144:A:LEU:HA	1:144:A:LEU:HD21	3	0.26	0.0	0.26
(7,1204)	1:144:A:LEU:HA	1:144:A:LEU:HD22	3	0.26	0.0	0.26
(7,1204)	1:144:A:LEU:HA	1:144:A:LEU:HD23	3	0.26	0.0	0.26
(32,760)	1:101:A:ILE:HD11	1:119:A:LEU:HG	3	0.26	0.06	0.29
(32,760)	1:101:A:ILE:HD12	1:119:A:LEU:HG	3	0.26	0.06	0.29
(32,760)	1:101:A:ILE:HD13	1:119:A:LEU:HG	3	0.26	0.06	0.29
(1,935)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	3	0.25	0.07	0.29
(4,2104)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	3	0.25	0.1	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,2104)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	3	0.25	0.1	0.27
(4,2104)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	3	0.25	0.1	0.27
(4,2104)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	3	0.25	0.1	0.27
(4,2104)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	3	0.25	0.1	0.27
(4,2104)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	3	0.25	0.1	0.27
(4,2104)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	3	0.25	0.1	0.27
(4,2104)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	3	0.25	0.1	0.27
(4,2104)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	3	0.25	0.1	0.27
(4,2104)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	3	0.25	0.1	0.27
(4,2104)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	3	0.25	0.1	0.27
(4,2104)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	3	0.25	0.1	0.27
(16,1220)	1:69:A:MET:HE1	1:110:A:MET:HA	3	0.25	0.14	0.21
(16,1220)	1:69:A:MET:HE2	1:110:A:MET:HA	3	0.25	0.14	0.21
(16,1220)	1:69:A:MET:HE3	1:110:A:MET:HA	3	0.25	0.14	0.21
(17,1223)	1:69:A:MET:HE1	1:110:A:MET:HA	3	0.25	0.14	0.21
(17,1223)	1:69:A:MET:HE2	1:110:A:MET:HA	3	0.25	0.14	0.21
(17,1223)	1:69:A:MET:HE3	1:110:A:MET:HA	3	0.25	0.14	0.21
(18,1993)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	3	0.25	0.12	0.21
(18,1993)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	3	0.25	0.12	0.21
(18,1993)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	3	0.25	0.12	0.21
(18,1993)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	3	0.25	0.12	0.21
(18,1993)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	3	0.25	0.12	0.21
(18,1993)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	3	0.25	0.12	0.21
(29,886)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	3	0.25	0.11	0.23
(29,886)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	3	0.25	0.11	0.23
(29,886)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	3	0.25	0.11	0.23
(33,1219)	1:69:A:MET:HE1	1:110:A:MET:HA	3	0.25	0.14	0.21
(33,1219)	1:69:A:MET:HE2	1:110:A:MET:HA	3	0.25	0.14	0.21
(33,1219)	1:69:A:MET:HE3	1:110:A:MET:HA	3	0.25	0.14	0.21
(1,2155)	1:53:A:THR:H	1:57:A:LEU:HD11	3	0.25	0.03	0.25
(1,2155)	1:53:A:THR:H	1:57:A:LEU:HD12	3	0.25	0.03	0.25
(1,2155)	1:53:A:THR:H	1:57:A:LEU:HD13	3	0.25	0.03	0.25
(1,2155)	1:53:A:THR:H	1:57:A:LEU:HD21	3	0.25	0.03	0.25
(1,2155)	1:53:A:THR:H	1:57:A:LEU:HD22	3	0.25	0.03	0.25
(1,2155)	1:53:A:THR:H	1:57:A:LEU:HD23	3	0.25	0.03	0.25
(3,2201)	1:53:A:THR:H	1:57:A:LEU:HD11	3	0.25	0.03	0.25
(3,2201)	1:53:A:THR:H	1:57:A:LEU:HD12	3	0.25	0.03	0.25
(3,2201)	1:53:A:THR:H	1:57:A:LEU:HD13	3	0.25	0.03	0.25
(3,2201)	1:53:A:THR:H	1:57:A:LEU:HD21	3	0.25	0.03	0.25
(3,2201)	1:53:A:THR:H	1:57:A:LEU:HD22	3	0.25	0.03	0.25
(3,2201)	1:53:A:THR:H	1:57:A:LEU:HD23	3	0.25	0.03	0.25
(9,2142)	1:53:A:THR:H	1:57:A:LEU:HD11	3	0.25	0.03	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,2142)	1:53:A:THR:H	1:57:A:LEU:HD12	3	0.25	0.03	0.25
(9,2142)	1:53:A:THR:H	1:57:A:LEU:HD13	3	0.25	0.03	0.25
(9,2142)	1:53:A:THR:H	1:57:A:LEU:HD21	3	0.25	0.03	0.25
(9,2142)	1:53:A:THR:H	1:57:A:LEU:HD22	3	0.25	0.03	0.25
(9,2142)	1:53:A:THR:H	1:57:A:LEU:HD23	3	0.25	0.03	0.25
(11,835)	1:45:A:ALA:HA	1:48:A:ARG:HD2	3	0.25	0.03	0.25
(11,835)	1:45:A:ALA:HA	1:48:A:ARG:HD3	3	0.25	0.03	0.25
(11,2191)	1:53:A:THR:H	1:57:A:LEU:HD11	3	0.25	0.03	0.25
(11,2191)	1:53:A:THR:H	1:57:A:LEU:HD12	3	0.25	0.03	0.25
(11,2191)	1:53:A:THR:H	1:57:A:LEU:HD13	3	0.25	0.03	0.25
(11,2191)	1:53:A:THR:H	1:57:A:LEU:HD21	3	0.25	0.03	0.25
(11,2191)	1:53:A:THR:H	1:57:A:LEU:HD22	3	0.25	0.03	0.25
(11,2191)	1:53:A:THR:H	1:57:A:LEU:HD23	3	0.25	0.03	0.25
(13,2133)	1:53:A:THR:H	1:57:A:LEU:HD11	3	0.25	0.03	0.25
(13,2133)	1:53:A:THR:H	1:57:A:LEU:HD12	3	0.25	0.03	0.25
(13,2133)	1:53:A:THR:H	1:57:A:LEU:HD13	3	0.25	0.03	0.25
(13,2133)	1:53:A:THR:H	1:57:A:LEU:HD21	3	0.25	0.03	0.25
(13,2133)	1:53:A:THR:H	1:57:A:LEU:HD22	3	0.25	0.03	0.25
(13,2133)	1:53:A:THR:H	1:57:A:LEU:HD23	3	0.25	0.03	0.25
(15,840)	1:45:A:ALA:HA	1:48:A:ARG:HD2	3	0.25	0.03	0.25
(15,840)	1:45:A:ALA:HA	1:48:A:ARG:HD3	3	0.25	0.03	0.25
(16,2174)	1:53:A:THR:H	1:57:A:LEU:HD11	3	0.25	0.03	0.25
(16,2174)	1:53:A:THR:H	1:57:A:LEU:HD12	3	0.25	0.03	0.25
(16,2174)	1:53:A:THR:H	1:57:A:LEU:HD13	3	0.25	0.03	0.25
(16,2174)	1:53:A:THR:H	1:57:A:LEU:HD21	3	0.25	0.03	0.25
(16,2174)	1:53:A:THR:H	1:57:A:LEU:HD22	3	0.25	0.03	0.25
(16,2174)	1:53:A:THR:H	1:57:A:LEU:HD23	3	0.25	0.03	0.25
(18,2181)	1:53:A:THR:H	1:57:A:LEU:HD11	3	0.25	0.03	0.25
(18,2181)	1:53:A:THR:H	1:57:A:LEU:HD12	3	0.25	0.03	0.25
(18,2181)	1:53:A:THR:H	1:57:A:LEU:HD13	3	0.25	0.03	0.25
(18,2181)	1:53:A:THR:H	1:57:A:LEU:HD21	3	0.25	0.03	0.25
(18,2181)	1:53:A:THR:H	1:57:A:LEU:HD22	3	0.25	0.03	0.25
(18,2181)	1:53:A:THR:H	1:57:A:LEU:HD23	3	0.25	0.03	0.25
(32,2171)	1:53:A:THR:H	1:57:A:LEU:HD11	3	0.25	0.03	0.25
(32,2171)	1:53:A:THR:H	1:57:A:LEU:HD12	3	0.25	0.03	0.25
(32,2171)	1:53:A:THR:H	1:57:A:LEU:HD13	3	0.25	0.03	0.25
(32,2171)	1:53:A:THR:H	1:57:A:LEU:HD21	3	0.25	0.03	0.25
(32,2171)	1:53:A:THR:H	1:57:A:LEU:HD22	3	0.25	0.03	0.25
(32,2171)	1:53:A:THR:H	1:57:A:LEU:HD23	3	0.25	0.03	0.25
(33,2180)	1:53:A:THR:H	1:57:A:LEU:HD11	3	0.25	0.03	0.25
(33,2180)	1:53:A:THR:H	1:57:A:LEU:HD12	3	0.25	0.03	0.25
(33,2180)	1:53:A:THR:H	1:57:A:LEU:HD13	3	0.25	0.03	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,2180)	1:53:A:THR:H	1:57:A:LEU:HD21	3	0.25	0.03	0.25
(33,2180)	1:53:A:THR:H	1:57:A:LEU:HD22	3	0.25	0.03	0.25
(33,2180)	1:53:A:THR:H	1:57:A:LEU:HD23	3	0.25	0.03	0.25
(34,2180)	1:53:A:THR:H	1:57:A:LEU:HD11	3	0.25	0.03	0.25
(34,2180)	1:53:A:THR:H	1:57:A:LEU:HD12	3	0.25	0.03	0.25
(34,2180)	1:53:A:THR:H	1:57:A:LEU:HD13	3	0.25	0.03	0.25
(34,2180)	1:53:A:THR:H	1:57:A:LEU:HD21	3	0.25	0.03	0.25
(34,2180)	1:53:A:THR:H	1:57:A:LEU:HD22	3	0.25	0.03	0.25
(34,2180)	1:53:A:THR:H	1:57:A:LEU:HD23	3	0.25	0.03	0.25
(1,1968)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	3	0.25	0.04	0.25
(1,1968)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	3	0.25	0.04	0.25
(1,1968)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	3	0.25	0.04	0.25
(1,1968)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	3	0.25	0.04	0.25
(1,1968)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	3	0.25	0.04	0.25
(1,1968)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	3	0.25	0.04	0.25
(1,1968)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	3	0.25	0.04	0.25
(1,1968)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	3	0.25	0.04	0.25
(1,1968)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	3	0.25	0.04	0.25
(1,1968)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	3	0.25	0.04	0.25
(1,1968)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	3	0.25	0.04	0.25
(1,1968)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	3	0.25	0.04	0.25
(1,1968)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	3	0.25	0.04	0.25
(1,1968)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	3	0.25	0.04	0.25
(1,1968)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	3	0.25	0.04	0.25
(1,1968)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	3	0.25	0.04	0.25
(1,1968)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	3	0.25	0.04	0.25
(1,1968)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	3	0.25	0.04	0.25
(2,2008)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	3	0.25	0.04	0.25
(2,2008)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	3	0.25	0.04	0.25
(2,2008)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	3	0.25	0.04	0.25
(2,2008)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	3	0.25	0.04	0.25
(2,2008)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	3	0.25	0.04	0.25
(2,2008)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	3	0.25	0.04	0.25
(2,2008)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	3	0.25	0.04	0.25
(2,2008)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	3	0.25	0.04	0.25
(2,2008)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	3	0.25	0.04	0.25
(2,2008)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	3	0.25	0.04	0.25
(2,2008)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	3	0.25	0.04	0.25
(2,2008)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	3	0.25	0.04	0.25
(2,2008)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	3	0.25	0.04	0.25
(2,2008)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	3	0.25	0.04	0.25
(2,2008)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	3	0.25	0.04	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2008)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	3	0.25	0.04	0.25
(2,2008)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	3	0.25	0.04	0.25
(2,2008)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	3	0.25	0.04	0.25
(2,2343)	1:106:A:ASP:H	1:107:A:LEU:HD11	3	0.25	0.14	0.2
(2,2343)	1:106:A:ASP:H	1:107:A:LEU:HD12	3	0.25	0.14	0.2
(2,2343)	1:106:A:ASP:H	1:107:A:LEU:HD13	3	0.25	0.14	0.2
(2,2343)	1:106:A:ASP:H	1:107:A:LEU:HD21	3	0.25	0.14	0.2
(2,2343)	1:106:A:ASP:H	1:107:A:LEU:HD22	3	0.25	0.14	0.2
(2,2343)	1:106:A:ASP:H	1:107:A:LEU:HD23	3	0.25	0.14	0.2
(5,2321)	1:106:A:ASP:H	1:107:A:LEU:HD11	3	0.25	0.14	0.2
(5,2321)	1:106:A:ASP:H	1:107:A:LEU:HD12	3	0.25	0.14	0.2
(5,2321)	1:106:A:ASP:H	1:107:A:LEU:HD13	3	0.25	0.14	0.2
(5,2321)	1:106:A:ASP:H	1:107:A:LEU:HD21	3	0.25	0.14	0.2
(5,2321)	1:106:A:ASP:H	1:107:A:LEU:HD22	3	0.25	0.14	0.2
(5,2321)	1:106:A:ASP:H	1:107:A:LEU:HD23	3	0.25	0.14	0.2
(6,2119)	1:39:A:VAL:HG11	1:144:A:LEU:H	3	0.25	0.11	0.22
(6,2119)	1:39:A:VAL:HG12	1:144:A:LEU:H	3	0.25	0.11	0.22
(6,2119)	1:39:A:VAL:HG13	1:144:A:LEU:H	3	0.25	0.11	0.22
(6,2119)	1:39:A:VAL:HG21	1:144:A:LEU:H	3	0.25	0.11	0.22
(6,2119)	1:39:A:VAL:HG22	1:144:A:LEU:H	3	0.25	0.11	0.22
(6,2119)	1:39:A:VAL:HG23	1:144:A:LEU:H	3	0.25	0.11	0.22
(11,2335)	1:106:A:ASP:H	1:107:A:LEU:HD11	3	0.25	0.14	0.2
(11,2335)	1:106:A:ASP:H	1:107:A:LEU:HD12	3	0.25	0.14	0.2
(11,2335)	1:106:A:ASP:H	1:107:A:LEU:HD13	3	0.25	0.14	0.2
(11,2335)	1:106:A:ASP:H	1:107:A:LEU:HD21	3	0.25	0.14	0.2
(11,2335)	1:106:A:ASP:H	1:107:A:LEU:HD22	3	0.25	0.14	0.2
(11,2335)	1:106:A:ASP:H	1:107:A:LEU:HD23	3	0.25	0.14	0.2
(13,2072)	1:39:A:VAL:HG11	1:144:A:LEU:H	3	0.25	0.11	0.22
(13,2072)	1:39:A:VAL:HG12	1:144:A:LEU:H	3	0.25	0.11	0.22
(13,2072)	1:39:A:VAL:HG13	1:144:A:LEU:H	3	0.25	0.11	0.22
(13,2072)	1:39:A:VAL:HG21	1:144:A:LEU:H	3	0.25	0.11	0.22
(13,2072)	1:39:A:VAL:HG22	1:144:A:LEU:H	3	0.25	0.11	0.22
(13,2072)	1:39:A:VAL:HG23	1:144:A:LEU:H	3	0.25	0.11	0.22
(15,786)	1:101:A:ILE:HD11	1:119:A:LEU:HG	3	0.25	0.06	0.28
(15,786)	1:101:A:ILE:HD12	1:119:A:LEU:HG	3	0.25	0.06	0.28
(15,786)	1:101:A:ILE:HD13	1:119:A:LEU:HG	3	0.25	0.06	0.28
(29,1390)	1:100:A:ALA:HA	1:119:A:LEU:HD11	3	0.25	0.12	0.22
(29,1390)	1:100:A:ALA:HA	1:119:A:LEU:HD12	3	0.25	0.12	0.22
(29,1390)	1:100:A:ALA:HA	1:119:A:LEU:HD13	3	0.25	0.12	0.22
(33,2125)	1:39:A:VAL:HG11	1:144:A:LEU:H	3	0.25	0.11	0.22
(33,2125)	1:39:A:VAL:HG12	1:144:A:LEU:H	3	0.25	0.11	0.22
(33,2125)	1:39:A:VAL:HG13	1:144:A:LEU:H	3	0.25	0.11	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,2125)	1:39:A:VAL:HG21	1:144:A:LEU:H	3	0.25	0.11	0.22
(33,2125)	1:39:A:VAL:HG22	1:144:A:LEU:H	3	0.25	0.11	0.22
(33,2125)	1:39:A:VAL:HG23	1:144:A:LEU:H	3	0.25	0.11	0.22
(34,1951)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	3	0.25	0.12	0.19
(34,1951)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	3	0.25	0.12	0.19
(34,1951)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	3	0.25	0.12	0.19
(34,1951)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	3	0.25	0.12	0.19
(34,2128)	1:39:A:VAL:HG11	1:144:A:LEU:H	3	0.25	0.11	0.22
(34,2128)	1:39:A:VAL:HG12	1:144:A:LEU:H	3	0.25	0.11	0.22
(34,2128)	1:39:A:VAL:HG13	1:144:A:LEU:H	3	0.25	0.11	0.22
(34,2128)	1:39:A:VAL:HG21	1:144:A:LEU:H	3	0.25	0.11	0.22
(34,2128)	1:39:A:VAL:HG22	1:144:A:LEU:H	3	0.25	0.11	0.22
(34,2128)	1:39:A:VAL:HG23	1:144:A:LEU:H	3	0.25	0.11	0.22
(1,434)	1:68:A:LYS:H	1:68:A:LYS:HE2	3	0.24	0.11	0.25
(1,434)	1:68:A:LYS:H	1:68:A:LYS:HE3	3	0.24	0.11	0.25
(2,1852)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	3	0.24	0.17	0.13
(2,1852)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	3	0.24	0.17	0.13
(4,1623)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	3	0.24	0.16	0.15
(4,1623)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	3	0.24	0.16	0.15
(4,1623)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	3	0.24	0.16	0.15
(5,1492)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	3	0.24	0.02	0.23
(5,1492)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	3	0.24	0.02	0.23
(5,1492)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	3	0.24	0.02	0.23
(5,1492)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	3	0.24	0.02	0.23
(5,1492)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	3	0.24	0.02	0.23
(5,1492)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	3	0.24	0.02	0.23
(5,1852)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	3	0.24	0.17	0.13
(5,1852)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	3	0.24	0.17	0.13
(9,1819)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	3	0.24	0.17	0.13
(9,1819)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	3	0.24	0.17	0.13
(11,1493)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	3	0.24	0.02	0.23
(11,1493)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	3	0.24	0.02	0.23
(11,1493)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	3	0.24	0.02	0.23
(11,1493)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	3	0.24	0.02	0.23
(11,1493)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	3	0.24	0.02	0.23
(11,1493)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	3	0.24	0.02	0.23
(11,1855)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	3	0.24	0.17	0.13
(11,1855)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	3	0.24	0.17	0.13
(13,1448)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	3	0.24	0.02	0.23
(13,1448)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	3	0.24	0.02	0.23
(13,1448)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	3	0.24	0.02	0.23
(13,1448)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	3	0.24	0.02	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1448)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	3	0.24	0.02	0.23
(13,1448)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	3	0.24	0.02	0.23
(17,1843)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	3	0.24	0.17	0.13
(17,1843)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	3	0.24	0.17	0.13
(18,1464)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	3	0.24	0.02	0.23
(18,1464)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	3	0.24	0.02	0.23
(18,1464)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	3	0.24	0.02	0.23
(18,1464)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	3	0.24	0.02	0.23
(18,1464)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	3	0.24	0.02	0.23
(18,1464)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	3	0.24	0.02	0.23
(30,1829)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	3	0.24	0.17	0.13
(30,1829)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	3	0.24	0.17	0.13
(33,1467)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	3	0.24	0.02	0.23
(33,1467)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	3	0.24	0.02	0.23
(33,1467)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	3	0.24	0.02	0.23
(33,1467)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	3	0.24	0.02	0.23
(33,1467)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	3	0.24	0.02	0.23
(33,1467)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	3	0.24	0.02	0.23
(6,1480)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	3	0.24	0.09	0.26
(6,1480)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	3	0.24	0.09	0.26
(6,1480)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	3	0.24	0.09	0.26
(6,1480)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	3	0.24	0.09	0.26
(6,1480)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	3	0.24	0.09	0.26
(6,1480)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	3	0.24	0.09	0.26
(11,10)	1:64:A:LYS:H	1:116:A:GLN:HE22	3	0.24	0.11	0.18
(11,1508)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	3	0.24	0.09	0.26
(11,1508)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	3	0.24	0.09	0.26
(11,1508)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	3	0.24	0.09	0.26
(11,1508)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	3	0.24	0.09	0.26
(11,1508)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	3	0.24	0.09	0.26
(11,1508)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	3	0.24	0.09	0.26
(13,1229)	1:23:A:LEU:HD11	1:24:A:ASP:H	3	0.24	0.06	0.28
(13,1229)	1:23:A:LEU:HD12	1:24:A:ASP:H	3	0.24	0.06	0.28
(13,1229)	1:23:A:LEU:HD13	1:24:A:ASP:H	3	0.24	0.06	0.28
(15,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	3	0.24	0.09	0.26
(15,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	3	0.24	0.09	0.26
(15,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	3	0.24	0.09	0.26
(15,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	3	0.24	0.09	0.26
(15,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	3	0.24	0.09	0.26
(15,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	3	0.24	0.09	0.26
(29,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	3	0.24	0.09	0.26
(29,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	3	0.24	0.09	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	3	0.24	0.09	0.26
(29,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	3	0.24	0.09	0.26
(29,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	3	0.24	0.09	0.26
(29,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	3	0.24	0.09	0.26
(30,1486)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	3	0.24	0.09	0.26
(30,1486)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	3	0.24	0.09	0.26
(30,1486)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	3	0.24	0.09	0.26
(30,1486)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	3	0.24	0.09	0.26
(30,1486)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	3	0.24	0.09	0.26
(30,1486)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	3	0.24	0.09	0.26
(34,9)	1:64:A:LYS:H	1:116:A:GLN:HE22	3	0.24	0.11	0.18
(1,1666)	1:69:A:MET:HE1	1:112:A:GLN:H	3	0.24	0.08	0.19
(1,1666)	1:69:A:MET:HE2	1:112:A:GLN:H	3	0.24	0.08	0.19
(1,1666)	1:69:A:MET:HE3	1:112:A:GLN:H	3	0.24	0.08	0.19
(1,2264)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(1,2264)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(1,2264)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(1,2264)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(1,2264)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(1,2264)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(1,2264)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(1,2264)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(1,2264)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(1,2264)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(1,2264)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(1,2264)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(1,2264)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(1,2264)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(1,2264)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(1,2264)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(1,2264)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(1,2264)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(2,1671)	1:69:A:MET:HE1	1:112:A:GLN:H	3	0.24	0.08	0.19
(2,1671)	1:69:A:MET:HE2	1:112:A:GLN:H	3	0.24	0.08	0.19
(2,1671)	1:69:A:MET:HE3	1:112:A:GLN:H	3	0.24	0.08	0.19
(3,1686)	1:69:A:MET:HE1	1:112:A:GLN:H	3	0.24	0.08	0.19
(3,1686)	1:69:A:MET:HE2	1:112:A:GLN:H	3	0.24	0.08	0.19
(3,1686)	1:69:A:MET:HE3	1:112:A:GLN:H	3	0.24	0.08	0.19
(5,836)	1:45:A:ALA:HA	1:48:A:ARG:HD2	3	0.24	0.03	0.24
(5,836)	1:45:A:ALA:HA	1:48:A:ARG:HD3	3	0.24	0.03	0.24
(6,2290)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(6,2290)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	3	0.24	0.12	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,2290)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(6,2290)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(6,2290)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(6,2290)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(6,2290)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(6,2290)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(6,2290)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(6,2290)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(6,2290)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(6,2290)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(6,2290)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(6,2290)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(6,2290)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(6,2290)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(6,2290)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(6,2290)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(7,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(7,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(7,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(7,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(7,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(7,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(7,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(7,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(7,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(7,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(7,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(7,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(7,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(7,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(7,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(7,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(7,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(7,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(9,1646)	1:69:A:MET:HE1	1:112:A:GLN:H	3	0.24	0.08	0.19
(9,1646)	1:69:A:MET:HE2	1:112:A:GLN:H	3	0.24	0.08	0.19
(9,1646)	1:69:A:MET:HE3	1:112:A:GLN:H	3	0.24	0.08	0.19
(11,1688)	1:69:A:MET:HE1	1:112:A:GLN:H	3	0.24	0.08	0.19
(11,1688)	1:69:A:MET:HE2	1:112:A:GLN:H	3	0.24	0.08	0.19
(11,1688)	1:69:A:MET:HE3	1:112:A:GLN:H	3	0.24	0.08	0.19
(13,2262)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(13,2262)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	3	0.24	0.12	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,2262)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(13,2262)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(13,2262)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(13,2262)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(13,2262)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(13,2262)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(13,2262)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(13,2262)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(13,2262)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(13,2262)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(13,2262)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(13,2262)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(13,2262)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(13,2262)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(13,2262)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(13,2262)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(15,1651)	1:69:A:MET:HE1	1:112:A:GLN:H	3	0.24	0.08	0.19
(15,1651)	1:69:A:MET:HE2	1:112:A:GLN:H	3	0.24	0.08	0.19
(15,1651)	1:69:A:MET:HE3	1:112:A:GLN:H	3	0.24	0.08	0.19
(16,671)	1:108:A:GLU:H	1:112:A:GLN:H	3	0.24	0.08	0.27
(17,2294)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(17,2294)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(17,2294)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(17,2294)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(17,2294)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(17,2294)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(17,2294)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(17,2294)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(17,2294)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(17,2294)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(17,2294)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(17,2294)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(17,2294)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(17,2294)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(17,2294)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(17,2294)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(17,2294)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(17,2294)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(18,1640)	1:69:A:MET:HE1	1:112:A:GLN:H	3	0.24	0.08	0.19
(18,1640)	1:69:A:MET:HE2	1:112:A:GLN:H	3	0.24	0.08	0.19
(18,1640)	1:69:A:MET:HE3	1:112:A:GLN:H	3	0.24	0.08	0.19
(18,2278)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	3	0.24	0.12	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,2278)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(18,2278)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(18,2278)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(18,2278)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(18,2278)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(18,2278)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(18,2278)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(18,2278)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(18,2278)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(18,2278)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(18,2278)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(18,2278)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(18,2278)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(18,2278)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(18,2278)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(18,2278)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(18,2278)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(30,1659)	1:69:A:MET:HE1	1:112:A:GLN:H	3	0.24	0.08	0.19
(30,1659)	1:69:A:MET:HE2	1:112:A:GLN:H	3	0.24	0.08	0.19
(30,1659)	1:69:A:MET:HE3	1:112:A:GLN:H	3	0.24	0.08	0.19
(30,2297)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(30,2297)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(30,2297)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(30,2297)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(30,2297)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(30,2297)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(30,2297)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(30,2297)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(30,2297)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(30,2297)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(30,2297)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(30,2297)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(30,2297)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(30,2297)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(30,2297)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(30,2297)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	3	0.24	0.12	0.18
(30,2297)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	3	0.24	0.12	0.18
(30,2297)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	3	0.24	0.12	0.18
(32,1613)	1:69:A:MET:HE1	1:112:A:GLN:H	3	0.24	0.08	0.19
(32,1613)	1:69:A:MET:HE2	1:112:A:GLN:H	3	0.24	0.08	0.19
(32,1613)	1:69:A:MET:HE3	1:112:A:GLN:H	3	0.24	0.08	0.19
(33,1645)	1:69:A:MET:HE1	1:112:A:GLN:H	3	0.24	0.08	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,1645)	1:69:A:MET:HE2	1:112:A:GLN:H	3	0.24	0.08	0.19
(33,1645)	1:69:A:MET:HE3	1:112:A:GLN:H	3	0.24	0.08	0.19
(34,1667)	1:69:A:MET:HE1	1:112:A:GLN:H	3	0.24	0.08	0.19
(34,1667)	1:69:A:MET:HE2	1:112:A:GLN:H	3	0.24	0.08	0.19
(34,1667)	1:69:A:MET:HE3	1:112:A:GLN:H	3	0.24	0.08	0.19
(6,1428)	1:50:A:ALA:HB1	1:127:A:CYS:HA	3	0.24	0.12	0.19
(6,1428)	1:50:A:ALA:HB2	1:127:A:CYS:HA	3	0.24	0.12	0.19
(6,1428)	1:50:A:ALA:HB3	1:127:A:CYS:HA	3	0.24	0.12	0.19
(7,1415)	1:50:A:ALA:HB1	1:127:A:CYS:HA	3	0.24	0.12	0.19
(7,1415)	1:50:A:ALA:HB2	1:127:A:CYS:HA	3	0.24	0.12	0.19
(7,1415)	1:50:A:ALA:HB3	1:127:A:CYS:HA	3	0.24	0.12	0.19
(9,1427)	1:50:A:ALA:HB1	1:127:A:CYS:HA	3	0.24	0.12	0.19
(9,1427)	1:50:A:ALA:HB2	1:127:A:CYS:HA	3	0.24	0.12	0.19
(9,1427)	1:50:A:ALA:HB3	1:127:A:CYS:HA	3	0.24	0.12	0.19
(34,1446)	1:50:A:ALA:HB1	1:127:A:CYS:HA	3	0.24	0.12	0.19
(34,1446)	1:50:A:ALA:HB2	1:127:A:CYS:HA	3	0.24	0.12	0.19
(34,1446)	1:50:A:ALA:HB3	1:127:A:CYS:HA	3	0.24	0.12	0.19
(4,1068)	1:70:A:LYS:HA	1:70:A:LYS:HE2	3	0.24	0.1	0.22
(4,1068)	1:70:A:LYS:HA	1:70:A:LYS:HE3	3	0.24	0.1	0.22
(7,761)	1:73:A:ILE:HD11	1:113:A:PHE:HD1	3	0.24	0.17	0.13
(7,761)	1:73:A:ILE:HD11	1:113:A:PHE:HD2	3	0.24	0.17	0.13
(7,761)	1:73:A:ILE:HD12	1:113:A:PHE:HD1	3	0.24	0.17	0.13
(7,761)	1:73:A:ILE:HD12	1:113:A:PHE:HD2	3	0.24	0.17	0.13
(7,761)	1:73:A:ILE:HD13	1:113:A:PHE:HD1	3	0.24	0.17	0.13
(7,761)	1:73:A:ILE:HD13	1:113:A:PHE:HD2	3	0.24	0.17	0.13
(7,1461)	1:101:A:ILE:HG21	1:102:A:PRO:HD3	3	0.24	0.03	0.26
(7,1461)	1:101:A:ILE:HG22	1:102:A:PRO:HD3	3	0.24	0.03	0.26
(7,1461)	1:101:A:ILE:HG23	1:102:A:PRO:HD3	3	0.24	0.03	0.26
(16,1101)	1:70:A:LYS:HA	1:70:A:LYS:HE2	3	0.24	0.1	0.22
(16,1101)	1:70:A:LYS:HA	1:70:A:LYS:HE3	3	0.24	0.1	0.22
(30,1482)	1:101:A:ILE:HG21	1:102:A:PRO:HD3	3	0.24	0.03	0.26
(30,1482)	1:101:A:ILE:HG22	1:102:A:PRO:HD3	3	0.24	0.03	0.26
(30,1482)	1:101:A:ILE:HG23	1:102:A:PRO:HD3	3	0.24	0.03	0.26
(3,2264)	1:69:A:MET:HG2	1:70:A:LYS:HG2	3	0.23	0.04	0.23
(3,2264)	1:69:A:MET:HG2	1:70:A:LYS:HG3	3	0.23	0.04	0.23
(3,2264)	1:69:A:MET:HG3	1:70:A:LYS:HG2	3	0.23	0.04	0.23
(3,2264)	1:69:A:MET:HG3	1:70:A:LYS:HG3	3	0.23	0.04	0.23
(11,2253)	1:69:A:MET:HG2	1:70:A:LYS:HG2	3	0.23	0.04	0.23
(11,2253)	1:69:A:MET:HG2	1:70:A:LYS:HG3	3	0.23	0.04	0.23
(11,2253)	1:69:A:MET:HG3	1:70:A:LYS:HG2	3	0.23	0.04	0.23
(11,2253)	1:69:A:MET:HG3	1:70:A:LYS:HG3	3	0.23	0.04	0.23
(32,1422)	1:13:A:ALA:HB1	1:79:A:THR:HB	3	0.23	0.05	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,1422)	1:13:A:ALA:HB2	1:79:A:THR:HB	3	0.23	0.05	0.26
(32,1422)	1:13:A:ALA:HB3	1:79:A:THR:HB	3	0.23	0.05	0.26
(33,2251)	1:69:A:MET:HG2	1:70:A:LYS:HG2	3	0.23	0.04	0.23
(33,2251)	1:69:A:MET:HG2	1:70:A:LYS:HG3	3	0.23	0.04	0.23
(33,2251)	1:69:A:MET:HG3	1:70:A:LYS:HG2	3	0.23	0.04	0.23
(33,2251)	1:69:A:MET:HG3	1:70:A:LYS:HG3	3	0.23	0.04	0.23
(13,1742)	1:80:A:TYR:H	1:80:A:TYR:HD1	3	0.23	0.01	0.24
(13,1742)	1:80:A:TYR:H	1:80:A:TYR:HD2	3	0.23	0.01	0.24
(17,736)	1:43:A:MET:H	1:46:A:ASN:HD21	3	0.23	0.14	0.15
(29,2142)	1:40:A:LEU:HD11	1:44:A:GLU:H	3	0.23	0.09	0.24
(29,2142)	1:40:A:LEU:HD12	1:44:A:GLU:H	3	0.23	0.09	0.24
(29,2142)	1:40:A:LEU:HD13	1:44:A:GLU:H	3	0.23	0.09	0.24
(29,2142)	1:40:A:LEU:HD21	1:44:A:GLU:H	3	0.23	0.09	0.24
(29,2142)	1:40:A:LEU:HD22	1:44:A:GLU:H	3	0.23	0.09	0.24
(29,2142)	1:40:A:LEU:HD23	1:44:A:GLU:H	3	0.23	0.09	0.24
(1,1916)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	3	0.23	0.05	0.25
(1,1916)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	3	0.23	0.05	0.25
(1,1916)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	3	0.23	0.05	0.25
(1,1916)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	3	0.23	0.05	0.25
(6,1908)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	3	0.23	0.05	0.25
(6,1908)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	3	0.23	0.05	0.25
(6,1908)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	3	0.23	0.05	0.25
(6,1908)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	3	0.23	0.05	0.25
(6,2000)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	3	0.23	0.09	0.24
(6,2000)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	3	0.23	0.09	0.24
(6,2000)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	3	0.23	0.09	0.24
(6,2000)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	3	0.23	0.09	0.24
(6,2000)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	3	0.23	0.09	0.24
(6,2000)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	3	0.23	0.09	0.24
(6,2000)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	3	0.23	0.09	0.24
(6,2000)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	3	0.23	0.09	0.24
(6,2000)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	3	0.23	0.09	0.24
(6,2000)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	3	0.23	0.09	0.24
(6,2000)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	3	0.23	0.09	0.24
(6,2000)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	3	0.23	0.09	0.24
(9,2354)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	3	0.23	0.16	0.12
(9,2354)	1:129:A:LYS:HG2	1:133:A:ASN:HD22	3	0.23	0.16	0.12
(9,2354)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	3	0.23	0.16	0.12
(9,2354)	1:129:A:LYS:HG3	1:133:A:ASN:HD22	3	0.23	0.16	0.12
(11,1918)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	3	0.23	0.05	0.25
(11,1918)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	3	0.23	0.05	0.25
(11,1918)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	3	0.23	0.05	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,1918)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	3	0.23	0.05	0.25
(13,1856)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	3	0.23	0.05	0.25
(13,1856)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	3	0.23	0.05	0.25
(13,1856)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	3	0.23	0.05	0.25
(13,1856)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	3	0.23	0.05	0.25
(17,1916)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	3	0.23	0.05	0.25
(17,1916)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	3	0.23	0.05	0.25
(17,1916)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	3	0.23	0.05	0.25
(17,1916)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	3	0.23	0.05	0.25
(29,1918)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	3	0.23	0.05	0.25
(29,1918)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	3	0.23	0.05	0.25
(29,1918)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	3	0.23	0.05	0.25
(29,1918)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	3	0.23	0.05	0.25
(2,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	3	0.23	0.01	0.23
(3,851)	1:45:A:ALA:HA	1:48:A:ARG:HD2	3	0.23	0.03	0.23
(3,851)	1:45:A:ALA:HA	1:48:A:ARG:HD3	3	0.23	0.03	0.23
(6,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	3	0.23	0.01	0.23
(7,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	3	0.23	0.01	0.23
(9,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	3	0.23	0.01	0.23
(11,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	3	0.23	0.01	0.23
(18,274)	1:108:A:GLU:H	1:112:A:GLN:H	3	0.23	0.08	0.26
(29,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	3	0.23	0.01	0.23
(30,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	3	0.23	0.01	0.23
(32,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	3	0.23	0.01	0.23
(34,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	3	0.23	0.01	0.23
(3,793)	1:101:A:ILE:HD11	1:119:A:LEU:HG	3	0.23	0.06	0.26
(3,793)	1:101:A:ILE:HD12	1:119:A:LEU:HG	3	0.23	0.06	0.26
(3,793)	1:101:A:ILE:HD13	1:119:A:LEU:HG	3	0.23	0.06	0.26
(3,1453)	1:50:A:ALA:HB1	1:127:A:CYS:HA	3	0.23	0.12	0.18
(3,1453)	1:50:A:ALA:HB2	1:127:A:CYS:HA	3	0.23	0.12	0.18
(3,1453)	1:50:A:ALA:HB3	1:127:A:CYS:HA	3	0.23	0.12	0.18
(4,1414)	1:50:A:ALA:HB1	1:127:A:CYS:HA	3	0.23	0.12	0.18
(4,1414)	1:50:A:ALA:HB2	1:127:A:CYS:HA	3	0.23	0.12	0.18
(4,1414)	1:50:A:ALA:HB3	1:127:A:CYS:HA	3	0.23	0.12	0.18
(6,772)	1:101:A:ILE:HD11	1:119:A:LEU:HG	3	0.23	0.06	0.26
(6,772)	1:101:A:ILE:HD12	1:119:A:LEU:HG	3	0.23	0.06	0.26
(6,772)	1:101:A:ILE:HD13	1:119:A:LEU:HG	3	0.23	0.06	0.26
(7,1530)	1:39:A:VAL:H	1:139:A:LEU:HD11	3	0.23	0.05	0.25
(7,1530)	1:39:A:VAL:H	1:139:A:LEU:HD12	3	0.23	0.05	0.25
(7,1530)	1:39:A:VAL:H	1:139:A:LEU:HD13	3	0.23	0.05	0.25
(13,1405)	1:50:A:ALA:HB1	1:127:A:CYS:HA	3	0.23	0.12	0.18
(13,1405)	1:50:A:ALA:HB2	1:127:A:CYS:HA	3	0.23	0.12	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1405)	1:50:A:ALA:HB3	1:127:A:CYS:HA	3	0.23	0.12	0.18
(18,1425)	1:50:A:ALA:HB1	1:127:A:CYS:HA	3	0.23	0.12	0.18
(18,1425)	1:50:A:ALA:HB2	1:127:A:CYS:HA	3	0.23	0.12	0.18
(18,1425)	1:50:A:ALA:HB3	1:127:A:CYS:HA	3	0.23	0.12	0.18
(33,1429)	1:50:A:ALA:HB1	1:127:A:CYS:HA	3	0.23	0.12	0.18
(33,1429)	1:50:A:ALA:HB2	1:127:A:CYS:HA	3	0.23	0.12	0.18
(33,1429)	1:50:A:ALA:HB3	1:127:A:CYS:HA	3	0.23	0.12	0.18
(1,1488)	1:101:A:ILE:HG21	1:102:A:PRO:HA	3	0.23	0.13	0.15
(1,1488)	1:101:A:ILE:HG22	1:102:A:PRO:HA	3	0.23	0.13	0.15
(1,1488)	1:101:A:ILE:HG23	1:102:A:PRO:HA	3	0.23	0.13	0.15
(2,1005)	1:66:A:THR:HG21	1:96:A:VAL:HA	3	0.23	0.1	0.19
(2,1005)	1:66:A:THR:HG22	1:96:A:VAL:HA	3	0.23	0.1	0.19
(2,1005)	1:66:A:THR:HG23	1:96:A:VAL:HA	3	0.23	0.1	0.19
(2,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	3	0.23	0.03	0.24
(2,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	3	0.23	0.03	0.24
(2,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	3	0.23	0.03	0.24
(2,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	3	0.23	0.03	0.24
(3,1828)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	3	0.23	0.03	0.24
(3,1828)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	3	0.23	0.03	0.24
(3,1828)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	3	0.23	0.03	0.24
(3,1828)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	3	0.23	0.03	0.24
(6,1805)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	3	0.23	0.03	0.24
(6,1805)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	3	0.23	0.03	0.24
(6,1805)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	3	0.23	0.03	0.24
(6,1805)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	3	0.23	0.03	0.24
(7,1766)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	3	0.23	0.03	0.24
(7,1766)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	3	0.23	0.03	0.24
(7,1766)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	3	0.23	0.03	0.24
(7,1766)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	3	0.23	0.03	0.24
(9,1011)	1:66:A:THR:HG21	1:96:A:VAL:HA	3	0.23	0.1	0.19
(9,1011)	1:66:A:THR:HG22	1:96:A:VAL:HA	3	0.23	0.1	0.19
(9,1011)	1:66:A:THR:HG23	1:96:A:VAL:HA	3	0.23	0.1	0.19
(11,1020)	1:66:A:THR:HG21	1:96:A:VAL:HA	3	0.23	0.1	0.19
(11,1020)	1:66:A:THR:HG22	1:96:A:VAL:HA	3	0.23	0.1	0.19
(11,1020)	1:66:A:THR:HG23	1:96:A:VAL:HA	3	0.23	0.1	0.19
(13,1763)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	3	0.23	0.03	0.24
(13,1763)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	3	0.23	0.03	0.24
(13,1763)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	3	0.23	0.03	0.24
(13,1763)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	3	0.23	0.03	0.24
(18,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	3	0.23	0.03	0.24
(18,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	3	0.23	0.03	0.24
(18,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	3	0.23	0.03	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	3	0.23	0.03	0.24
(30,1004)	1:66:A:THR:HG21	1:96:A:VAL:HA	3	0.23	0.1	0.19
(30,1004)	1:66:A:THR:HG22	1:96:A:VAL:HA	3	0.23	0.1	0.19
(30,1004)	1:66:A:THR:HG23	1:96:A:VAL:HA	3	0.23	0.1	0.19
(30,1800)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	3	0.23	0.03	0.24
(30,1800)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	3	0.23	0.03	0.24
(30,1800)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	3	0.23	0.03	0.24
(30,1800)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	3	0.23	0.03	0.24
(32,1762)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	3	0.23	0.03	0.24
(32,1762)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	3	0.23	0.03	0.24
(32,1762)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	3	0.23	0.03	0.24
(32,1762)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	3	0.23	0.03	0.24
(34,1813)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	3	0.23	0.03	0.24
(34,1813)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	3	0.23	0.03	0.24
(34,1813)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	3	0.23	0.03	0.24
(34,1813)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	3	0.23	0.03	0.24
(2,1912)	1:104:A:PHE:HE1	1:113:A:PHE:HA	3	0.22	0.07	0.27
(2,1912)	1:104:A:PHE:HE2	1:113:A:PHE:HA	3	0.22	0.07	0.27
(3,1537)	1:11:A:ILE:HG21	1:43:A:MET:HE1	3	0.22	0.12	0.16
(3,1537)	1:11:A:ILE:HG21	1:43:A:MET:HE2	3	0.22	0.12	0.16
(3,1537)	1:11:A:ILE:HG21	1:43:A:MET:HE3	3	0.22	0.12	0.16
(3,1537)	1:11:A:ILE:HG22	1:43:A:MET:HE1	3	0.22	0.12	0.16
(3,1537)	1:11:A:ILE:HG22	1:43:A:MET:HE2	3	0.22	0.12	0.16
(3,1537)	1:11:A:ILE:HG22	1:43:A:MET:HE3	3	0.22	0.12	0.16
(3,1537)	1:11:A:ILE:HG23	1:43:A:MET:HE1	3	0.22	0.12	0.16
(3,1537)	1:11:A:ILE:HG23	1:43:A:MET:HE2	3	0.22	0.12	0.16
(3,1537)	1:11:A:ILE:HG23	1:43:A:MET:HE3	3	0.22	0.12	0.16
(3,1913)	1:104:A:PHE:HE1	1:113:A:PHE:HA	3	0.22	0.07	0.27
(3,1913)	1:104:A:PHE:HE2	1:113:A:PHE:HA	3	0.22	0.07	0.27
(4,1494)	1:11:A:ILE:HG21	1:43:A:MET:HE1	3	0.22	0.12	0.16
(4,1494)	1:11:A:ILE:HG21	1:43:A:MET:HE2	3	0.22	0.12	0.16
(4,1494)	1:11:A:ILE:HG21	1:43:A:MET:HE3	3	0.22	0.12	0.16
(4,1494)	1:11:A:ILE:HG22	1:43:A:MET:HE1	3	0.22	0.12	0.16
(4,1494)	1:11:A:ILE:HG22	1:43:A:MET:HE2	3	0.22	0.12	0.16
(4,1494)	1:11:A:ILE:HG22	1:43:A:MET:HE3	3	0.22	0.12	0.16
(4,1494)	1:11:A:ILE:HG23	1:43:A:MET:HE1	3	0.22	0.12	0.16
(4,1494)	1:11:A:ILE:HG23	1:43:A:MET:HE2	3	0.22	0.12	0.16
(4,1494)	1:11:A:ILE:HG23	1:43:A:MET:HE3	3	0.22	0.12	0.16
(5,707)	1:23:A:LEU:HD21	1:27:A:ARG:HE	3	0.22	0.05	0.26
(5,707)	1:23:A:LEU:HD22	1:27:A:ARG:HE	3	0.22	0.05	0.26
(5,707)	1:23:A:LEU:HD23	1:27:A:ARG:HE	3	0.22	0.05	0.26
(6,702)	1:23:A:LEU:HD21	1:27:A:ARG:HE	3	0.22	0.05	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,702)	1:23:A:LEU:HD22	1:27:A:ARG:HE	3	0.22	0.05	0.26
(6,702)	1:23:A:LEU:HD23	1:27:A:ARG:HE	3	0.22	0.05	0.26
(6,1510)	1:11:A:ILE:HG21	1:43:A:MET:HE1	3	0.22	0.12	0.16
(6,1510)	1:11:A:ILE:HG21	1:43:A:MET:HE2	3	0.22	0.12	0.16
(6,1510)	1:11:A:ILE:HG21	1:43:A:MET:HE3	3	0.22	0.12	0.16
(6,1510)	1:11:A:ILE:HG22	1:43:A:MET:HE1	3	0.22	0.12	0.16
(6,1510)	1:11:A:ILE:HG22	1:43:A:MET:HE2	3	0.22	0.12	0.16
(6,1510)	1:11:A:ILE:HG22	1:43:A:MET:HE3	3	0.22	0.12	0.16
(6,1510)	1:11:A:ILE:HG23	1:43:A:MET:HE1	3	0.22	0.12	0.16
(6,1510)	1:11:A:ILE:HG23	1:43:A:MET:HE2	3	0.22	0.12	0.16
(6,1510)	1:11:A:ILE:HG23	1:43:A:MET:HE3	3	0.22	0.12	0.16
(6,1895)	1:104:A:PHE:HE1	1:113:A:PHE:HA	3	0.22	0.07	0.27
(6,1895)	1:104:A:PHE:HE2	1:113:A:PHE:HA	3	0.22	0.07	0.27
(7,1495)	1:11:A:ILE:HG21	1:43:A:MET:HE1	3	0.22	0.12	0.16
(7,1495)	1:11:A:ILE:HG21	1:43:A:MET:HE2	3	0.22	0.12	0.16
(7,1495)	1:11:A:ILE:HG21	1:43:A:MET:HE3	3	0.22	0.12	0.16
(7,1495)	1:11:A:ILE:HG22	1:43:A:MET:HE1	3	0.22	0.12	0.16
(7,1495)	1:11:A:ILE:HG22	1:43:A:MET:HE2	3	0.22	0.12	0.16
(7,1495)	1:11:A:ILE:HG22	1:43:A:MET:HE3	3	0.22	0.12	0.16
(7,1495)	1:11:A:ILE:HG23	1:43:A:MET:HE1	3	0.22	0.12	0.16
(7,1495)	1:11:A:ILE:HG23	1:43:A:MET:HE2	3	0.22	0.12	0.16
(7,1495)	1:11:A:ILE:HG23	1:43:A:MET:HE3	3	0.22	0.12	0.16
(7,1857)	1:104:A:PHE:HE1	1:113:A:PHE:HA	3	0.22	0.07	0.27
(7,1857)	1:104:A:PHE:HE2	1:113:A:PHE:HA	3	0.22	0.07	0.27
(9,1775)	1:80:A:TYR:H	1:80:A:TYR:HD1	3	0.22	0.01	0.23
(9,1775)	1:80:A:TYR:H	1:80:A:TYR:HD2	3	0.22	0.01	0.23
(13,1843)	1:104:A:PHE:HE1	1:113:A:PHE:HA	3	0.22	0.07	0.27
(13,1843)	1:104:A:PHE:HE2	1:113:A:PHE:HA	3	0.22	0.07	0.27
(17,1902)	1:104:A:PHE:HE1	1:113:A:PHE:HA	3	0.22	0.07	0.27
(17,1902)	1:104:A:PHE:HE2	1:113:A:PHE:HA	3	0.22	0.07	0.27
(18,1873)	1:104:A:PHE:HE1	1:113:A:PHE:HA	3	0.22	0.07	0.27
(18,1873)	1:104:A:PHE:HE2	1:113:A:PHE:HA	3	0.22	0.07	0.27
(30,1886)	1:104:A:PHE:HE1	1:113:A:PHE:HA	3	0.22	0.07	0.27
(30,1886)	1:104:A:PHE:HE2	1:113:A:PHE:HA	3	0.22	0.07	0.27
(32,1853)	1:104:A:PHE:HE1	1:113:A:PHE:HA	3	0.22	0.07	0.27
(32,1853)	1:104:A:PHE:HE2	1:113:A:PHE:HA	3	0.22	0.07	0.27
(32,2189)	1:59:A:CYS:HA	1:60:A:LEU:HD11	3	0.22	0.04	0.22
(32,2189)	1:59:A:CYS:HA	1:60:A:LEU:HD12	3	0.22	0.04	0.22
(32,2189)	1:59:A:CYS:HA	1:60:A:LEU:HD13	3	0.22	0.04	0.22
(32,2189)	1:59:A:CYS:HA	1:60:A:LEU:HD21	3	0.22	0.04	0.22
(32,2189)	1:59:A:CYS:HA	1:60:A:LEU:HD22	3	0.22	0.04	0.22
(32,2189)	1:59:A:CYS:HA	1:60:A:LEU:HD23	3	0.22	0.04	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,1893)	1:104:A:PHE:HE1	1:113:A:PHE:HA	3	0.22	0.07	0.27
(34,1893)	1:104:A:PHE:HE2	1:113:A:PHE:HA	3	0.22	0.07	0.27
(9,1838)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	3	0.22	0.02	0.21
(9,1838)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	3	0.22	0.02	0.21
(11,2099)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	3	0.22	0.08	0.25
(11,2099)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	3	0.22	0.08	0.25
(11,2099)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	3	0.22	0.08	0.25
(11,2099)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	3	0.22	0.08	0.25
(11,2099)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	3	0.22	0.08	0.25
(11,2099)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	3	0.22	0.08	0.25
(15,1246)	1:21:A:THR:HG21	1:23:A:LEU:HA	3	0.22	0.03	0.24
(15,1246)	1:21:A:THR:HG22	1:23:A:LEU:HA	3	0.22	0.03	0.24
(15,1246)	1:21:A:THR:HG23	1:23:A:LEU:HA	3	0.22	0.03	0.24
(18,2077)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	3	0.22	0.08	0.25
(18,2077)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	3	0.22	0.08	0.25
(18,2077)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	3	0.22	0.08	0.25
(18,2077)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	3	0.22	0.08	0.25
(18,2077)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	3	0.22	0.08	0.25
(18,2077)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	3	0.22	0.08	0.25
(1,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE1	3	0.22	0.08	0.27
(1,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE2	3	0.22	0.08	0.27
(1,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE3	3	0.22	0.08	0.27
(1,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE1	3	0.22	0.08	0.27
(1,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE2	3	0.22	0.08	0.27
(1,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE3	3	0.22	0.08	0.27
(1,2149)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	3	0.22	0.04	0.23
(1,2149)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	3	0.22	0.04	0.23
(1,2149)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	3	0.22	0.04	0.23
(1,2149)	1:47:A:ALA:HB1	1:57:A:LEU:HD21	3	0.22	0.04	0.23
(1,2149)	1:47:A:ALA:HB1	1:57:A:LEU:HD22	3	0.22	0.04	0.23
(1,2149)	1:47:A:ALA:HB1	1:57:A:LEU:HD23	3	0.22	0.04	0.23
(1,2149)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	3	0.22	0.04	0.23
(1,2149)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	3	0.22	0.04	0.23
(1,2149)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	3	0.22	0.04	0.23
(1,2149)	1:47:A:ALA:HB2	1:57:A:LEU:HD21	3	0.22	0.04	0.23
(1,2149)	1:47:A:ALA:HB2	1:57:A:LEU:HD22	3	0.22	0.04	0.23
(1,2149)	1:47:A:ALA:HB2	1:57:A:LEU:HD23	3	0.22	0.04	0.23
(1,2149)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	3	0.22	0.04	0.23
(1,2149)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	3	0.22	0.04	0.23
(1,2149)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	3	0.22	0.04	0.23
(1,2149)	1:47:A:ALA:HB3	1:57:A:LEU:HD21	3	0.22	0.04	0.23
(1,2149)	1:47:A:ALA:HB3	1:57:A:LEU:HD22	3	0.22	0.04	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2149)	1:47:A:ALA:HB3	1:57:A:LEU:HD23	3	0.22	0.04	0.23
(2,1550)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	3	0.22	0.1	0.16
(2,1550)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	3	0.22	0.1	0.16
(2,1550)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	3	0.22	0.1	0.16
(4,1517)	1:76:A:ARG:HG2	1:110:A:MET:HE1	3	0.22	0.08	0.27
(4,1517)	1:76:A:ARG:HG2	1:110:A:MET:HE2	3	0.22	0.08	0.27
(4,1517)	1:76:A:ARG:HG2	1:110:A:MET:HE3	3	0.22	0.08	0.27
(4,1517)	1:76:A:ARG:HG3	1:110:A:MET:HE1	3	0.22	0.08	0.27
(4,1517)	1:76:A:ARG:HG3	1:110:A:MET:HE2	3	0.22	0.08	0.27
(4,1517)	1:76:A:ARG:HG3	1:110:A:MET:HE3	3	0.22	0.08	0.27
(4,1531)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	3	0.22	0.1	0.16
(4,1531)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	3	0.22	0.1	0.16
(4,1531)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	3	0.22	0.1	0.16
(6,1547)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	3	0.22	0.1	0.16
(6,1547)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	3	0.22	0.1	0.16
(6,1547)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	3	0.22	0.1	0.16
(6,2163)	1:47:A:ALA:H	1:131:A:LEU:HD11	3	0.22	0.09	0.17
(6,2163)	1:47:A:ALA:H	1:131:A:LEU:HD12	3	0.22	0.09	0.17
(6,2163)	1:47:A:ALA:H	1:131:A:LEU:HD13	3	0.22	0.09	0.17
(6,2163)	1:47:A:ALA:H	1:131:A:LEU:HD21	3	0.22	0.09	0.17
(6,2163)	1:47:A:ALA:H	1:131:A:LEU:HD22	3	0.22	0.09	0.17
(6,2163)	1:47:A:ALA:H	1:131:A:LEU:HD23	3	0.22	0.09	0.17
(11,1568)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	3	0.22	0.1	0.16
(11,1568)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	3	0.22	0.1	0.16
(11,1568)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	3	0.22	0.1	0.16
(13,1505)	1:76:A:ARG:HG2	1:110:A:MET:HE1	3	0.22	0.08	0.27
(13,1505)	1:76:A:ARG:HG2	1:110:A:MET:HE2	3	0.22	0.08	0.27
(13,1505)	1:76:A:ARG:HG2	1:110:A:MET:HE3	3	0.22	0.08	0.27
(13,1505)	1:76:A:ARG:HG3	1:110:A:MET:HE1	3	0.22	0.08	0.27
(13,1505)	1:76:A:ARG:HG3	1:110:A:MET:HE2	3	0.22	0.08	0.27
(13,1505)	1:76:A:ARG:HG3	1:110:A:MET:HE3	3	0.22	0.08	0.27
(13,1517)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	3	0.22	0.1	0.16
(13,1517)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	3	0.22	0.1	0.16
(13,1517)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	3	0.22	0.1	0.16
(17,1554)	1:76:A:ARG:HG2	1:110:A:MET:HE1	3	0.22	0.08	0.27
(17,1554)	1:76:A:ARG:HG2	1:110:A:MET:HE2	3	0.22	0.08	0.27
(17,1554)	1:76:A:ARG:HG2	1:110:A:MET:HE3	3	0.22	0.08	0.27
(17,1554)	1:76:A:ARG:HG3	1:110:A:MET:HE1	3	0.22	0.08	0.27
(17,1554)	1:76:A:ARG:HG3	1:110:A:MET:HE2	3	0.22	0.08	0.27
(17,1554)	1:76:A:ARG:HG3	1:110:A:MET:HE3	3	0.22	0.08	0.27
(29,1548)	1:76:A:ARG:HG2	1:110:A:MET:HE1	3	0.22	0.08	0.27
(29,1548)	1:76:A:ARG:HG2	1:110:A:MET:HE2	3	0.22	0.08	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,1548)	1:76:A:ARG:HG2	1:110:A:MET:HE3	3	0.22	0.08	0.27
(29,1548)	1:76:A:ARG:HG3	1:110:A:MET:HE1	3	0.22	0.08	0.27
(29,1548)	1:76:A:ARG:HG3	1:110:A:MET:HE2	3	0.22	0.08	0.27
(29,1548)	1:76:A:ARG:HG3	1:110:A:MET:HE3	3	0.22	0.08	0.27
(30,1544)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	3	0.22	0.1	0.16
(30,1544)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	3	0.22	0.1	0.16
(30,1544)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	3	0.22	0.1	0.16
(32,1495)	1:76:A:ARG:HG2	1:110:A:MET:HE1	3	0.22	0.08	0.27
(32,1495)	1:76:A:ARG:HG2	1:110:A:MET:HE2	3	0.22	0.08	0.27
(32,1495)	1:76:A:ARG:HG2	1:110:A:MET:HE3	3	0.22	0.08	0.27
(32,1495)	1:76:A:ARG:HG3	1:110:A:MET:HE1	3	0.22	0.08	0.27
(32,1495)	1:76:A:ARG:HG3	1:110:A:MET:HE2	3	0.22	0.08	0.27
(32,1495)	1:76:A:ARG:HG3	1:110:A:MET:HE3	3	0.22	0.08	0.27
(34,1562)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	3	0.22	0.1	0.16
(34,1562)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	3	0.22	0.1	0.16
(34,1562)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	3	0.22	0.1	0.16
(2,2115)	1:39:A:VAL:H	1:139:A:LEU:HD11	3	0.22	0.02	0.21
(2,2115)	1:39:A:VAL:H	1:139:A:LEU:HD12	3	0.22	0.02	0.21
(2,2115)	1:39:A:VAL:H	1:139:A:LEU:HD13	3	0.22	0.02	0.21
(2,2115)	1:39:A:VAL:H	1:139:A:LEU:HD21	3	0.22	0.02	0.21
(2,2115)	1:39:A:VAL:H	1:139:A:LEU:HD22	3	0.22	0.02	0.21
(2,2115)	1:39:A:VAL:H	1:139:A:LEU:HD23	3	0.22	0.02	0.21
(3,1215)	1:40:A:LEU:HB3	1:40:A:LEU:HD11	3	0.22	0.05	0.25
(3,1215)	1:40:A:LEU:HB3	1:40:A:LEU:HD12	3	0.22	0.05	0.25
(3,1215)	1:40:A:LEU:HB3	1:40:A:LEU:HD13	3	0.22	0.05	0.25
(5,2222)	1:65:A:CYS:HB2	1:66:A:THR:HG21	3	0.22	0.1	0.19
(5,2222)	1:65:A:CYS:HB2	1:66:A:THR:HG22	3	0.22	0.1	0.19
(5,2222)	1:65:A:CYS:HB2	1:66:A:THR:HG23	3	0.22	0.1	0.19
(5,2222)	1:65:A:CYS:HB3	1:66:A:THR:HG21	3	0.22	0.1	0.19
(5,2222)	1:65:A:CYS:HB3	1:66:A:THR:HG22	3	0.22	0.1	0.19
(5,2222)	1:65:A:CYS:HB3	1:66:A:THR:HG23	3	0.22	0.1	0.19
(6,2182)	1:54:A:ARG:HB2	1:58:A:ILE:HD11	3	0.22	0.03	0.23
(6,2182)	1:54:A:ARG:HB2	1:58:A:ILE:HD12	3	0.22	0.03	0.23
(6,2182)	1:54:A:ARG:HB2	1:58:A:ILE:HD13	3	0.22	0.03	0.23
(6,2182)	1:54:A:ARG:HB3	1:58:A:ILE:HD11	3	0.22	0.03	0.23
(6,2182)	1:54:A:ARG:HB3	1:58:A:ILE:HD12	3	0.22	0.03	0.23
(6,2182)	1:54:A:ARG:HB3	1:58:A:ILE:HD13	3	0.22	0.03	0.23
(7,1853)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	3	0.22	0.0	0.22
(7,1853)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	3	0.22	0.0	0.22
(7,1853)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	3	0.22	0.0	0.22
(7,1853)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	3	0.22	0.0	0.22
(15,1938)	1:11:A:ILE:HG12	1:57:A:LEU:HD11	3	0.22	0.08	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,1938)	1:11:A:ILE:HG12	1:57:A:LEU:HD12	3	0.22	0.08	0.19
(15,1938)	1:11:A:ILE:HG12	1:57:A:LEU:HD13	3	0.22	0.08	0.19
(15,1938)	1:11:A:ILE:HG12	1:57:A:LEU:HD21	3	0.22	0.08	0.19
(15,1938)	1:11:A:ILE:HG12	1:57:A:LEU:HD22	3	0.22	0.08	0.19
(15,1938)	1:11:A:ILE:HG12	1:57:A:LEU:HD23	3	0.22	0.08	0.19
(16,395)	1:119:A:LEU:H	1:120:A:CYS:HB2	3	0.22	0.14	0.13
(17,384)	1:119:A:LEU:H	1:120:A:CYS:HB2	3	0.22	0.14	0.13
(17,875)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	3	0.22	0.06	0.19
(17,875)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	3	0.22	0.06	0.19
(17,875)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	3	0.22	0.06	0.19
(30,393)	1:119:A:LEU:H	1:120:A:CYS:HB2	3	0.22	0.14	0.13
(33,877)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	3	0.22	0.06	0.19
(33,877)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	3	0.22	0.06	0.19
(33,877)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	3	0.22	0.06	0.19
(34,398)	1:119:A:LEU:H	1:120:A:CYS:HB2	3	0.22	0.14	0.13
(3,2491)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.22	0.09	0.15
(3,2491)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.22	0.09	0.15
(3,2491)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.22	0.09	0.15
(3,2491)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.22	0.09	0.15
(3,2491)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.22	0.09	0.15
(3,2491)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.22	0.09	0.15
(5,807)	1:95:A:ILE:HA	1:95:A:ILE:HD11	3	0.22	0.05	0.2
(5,807)	1:95:A:ILE:HA	1:95:A:ILE:HD12	3	0.22	0.05	0.2
(5,807)	1:95:A:ILE:HA	1:95:A:ILE:HD13	3	0.22	0.05	0.2
(7,798)	1:95:A:ILE:HA	1:95:A:ILE:HD11	3	0.22	0.05	0.2
(7,798)	1:95:A:ILE:HA	1:95:A:ILE:HD12	3	0.22	0.05	0.2
(7,798)	1:95:A:ILE:HA	1:95:A:ILE:HD13	3	0.22	0.05	0.2
(11,2443)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.22	0.09	0.15
(11,2443)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.22	0.09	0.15
(11,2443)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.22	0.09	0.15
(11,2443)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.22	0.09	0.15
(11,2443)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.22	0.09	0.15
(11,2443)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.22	0.09	0.15
(13,792)	1:95:A:ILE:HA	1:95:A:ILE:HD11	3	0.22	0.05	0.2
(13,792)	1:95:A:ILE:HA	1:95:A:ILE:HD12	3	0.22	0.05	0.2
(13,792)	1:95:A:ILE:HA	1:95:A:ILE:HD13	3	0.22	0.05	0.2
(16,814)	1:95:A:ILE:HA	1:95:A:ILE:HD11	3	0.22	0.05	0.2
(16,814)	1:95:A:ILE:HA	1:95:A:ILE:HD12	3	0.22	0.05	0.2
(16,814)	1:95:A:ILE:HA	1:95:A:ILE:HD13	3	0.22	0.05	0.2
(16,2457)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.22	0.09	0.15
(16,2457)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.22	0.09	0.15
(16,2457)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.22	0.09	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,2457)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.22	0.09	0.15
(16,2457)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.22	0.09	0.15
(16,2457)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.22	0.09	0.15
(17,815)	1:95:A:ILE:HA	1:95:A:ILE:HD11	3	0.22	0.05	0.2
(17,815)	1:95:A:ILE:HA	1:95:A:ILE:HD12	3	0.22	0.05	0.2
(17,815)	1:95:A:ILE:HA	1:95:A:ILE:HD13	3	0.22	0.05	0.2
(18,818)	1:95:A:ILE:HA	1:95:A:ILE:HD11	3	0.22	0.05	0.2
(18,818)	1:95:A:ILE:HA	1:95:A:ILE:HD12	3	0.22	0.05	0.2
(18,818)	1:95:A:ILE:HA	1:95:A:ILE:HD13	3	0.22	0.05	0.2
(30,2450)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.22	0.09	0.15
(30,2450)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.22	0.09	0.15
(30,2450)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.22	0.09	0.15
(30,2450)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.22	0.09	0.15
(30,2450)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.22	0.09	0.15
(30,2450)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.22	0.09	0.15
(2,2293)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	3	0.21	0.13	0.14
(2,2293)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	3	0.21	0.13	0.14
(2,2293)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	3	0.21	0.13	0.14
(2,2293)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	3	0.21	0.13	0.14
(3,2301)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	3	0.21	0.13	0.14
(3,2301)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	3	0.21	0.13	0.14
(3,2301)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	3	0.21	0.13	0.14
(3,2301)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	3	0.21	0.13	0.14
(4,337)	1:123:A:CYS:H	1:128:A:LEU:HD11	3	0.21	0.02	0.22
(4,337)	1:123:A:CYS:H	1:128:A:LEU:HD12	3	0.21	0.02	0.22
(4,337)	1:123:A:CYS:H	1:128:A:LEU:HD13	3	0.21	0.02	0.22
(4,337)	1:123:A:CYS:H	1:128:A:LEU:HD21	3	0.21	0.02	0.22
(4,337)	1:123:A:CYS:H	1:128:A:LEU:HD22	3	0.21	0.02	0.22
(4,337)	1:123:A:CYS:H	1:128:A:LEU:HD23	3	0.21	0.02	0.22
(7,1941)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	3	0.21	0.06	0.18
(7,1941)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	3	0.21	0.06	0.18
(7,1941)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	3	0.21	0.06	0.18
(7,1941)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	3	0.21	0.06	0.18
(7,1941)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	3	0.21	0.06	0.18
(7,1941)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	3	0.21	0.06	0.18
(7,1941)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	3	0.21	0.06	0.18
(7,1941)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	3	0.21	0.06	0.18
(7,1941)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	3	0.21	0.06	0.18
(7,1941)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	3	0.21	0.06	0.18
(7,1941)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	3	0.21	0.06	0.18
(7,1941)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	3	0.21	0.06	0.18
(7,2175)	1:59:A:CYS:HA	1:60:A:LEU:HD11	3	0.21	0.04	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,2175)	1:59:A:CYS:HA	1:60:A:LEU:HD12	3	0.21	0.04	0.21
(7,2175)	1:59:A:CYS:HA	1:60:A:LEU:HD13	3	0.21	0.04	0.21
(7,2175)	1:59:A:CYS:HA	1:60:A:LEU:HD21	3	0.21	0.04	0.21
(7,2175)	1:59:A:CYS:HA	1:60:A:LEU:HD22	3	0.21	0.04	0.21
(7,2175)	1:59:A:CYS:HA	1:60:A:LEU:HD23	3	0.21	0.04	0.21
(15,2259)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	3	0.21	0.13	0.14
(15,2259)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	3	0.21	0.13	0.14
(15,2259)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	3	0.21	0.13	0.14
(15,2259)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	3	0.21	0.13	0.14
(2,964)	1:67:A:PRO:HA	1:70:A:LYS:HB2	3	0.21	0.02	0.21
(2,964)	1:67:A:PRO:HA	1:70:A:LYS:HB3	3	0.21	0.02	0.21
(4,962)	1:67:A:PRO:HA	1:70:A:LYS:HB2	3	0.21	0.02	0.21
(4,962)	1:67:A:PRO:HA	1:70:A:LYS:HB3	3	0.21	0.02	0.21
(5,973)	1:67:A:PRO:HA	1:70:A:LYS:HB2	3	0.21	0.02	0.21
(5,973)	1:67:A:PRO:HA	1:70:A:LYS:HB3	3	0.21	0.02	0.21
(7,958)	1:67:A:PRO:HA	1:70:A:LYS:HB2	3	0.21	0.02	0.21
(7,958)	1:67:A:PRO:HA	1:70:A:LYS:HB3	3	0.21	0.02	0.21
(16,989)	1:67:A:PRO:HA	1:70:A:LYS:HB2	3	0.21	0.02	0.21
(16,989)	1:67:A:PRO:HA	1:70:A:LYS:HB3	3	0.21	0.02	0.21
(1,1929)	1:58:A:ILE:HB	1:62:A:HIS:HE1	3	0.21	0.05	0.24
(2,1941)	1:58:A:ILE:HB	1:62:A:HIS:HE1	3	0.21	0.05	0.24
(2,2012)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	3	0.21	0.04	0.23
(2,2012)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	3	0.21	0.04	0.23
(2,2012)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	3	0.21	0.04	0.23
(2,2012)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	3	0.21	0.04	0.23
(2,2012)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	3	0.21	0.04	0.23
(2,2012)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	3	0.21	0.04	0.23
(2,2012)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	3	0.21	0.04	0.23
(2,2012)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	3	0.21	0.04	0.23
(2,2012)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	3	0.21	0.04	0.23
(2,2012)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	3	0.21	0.04	0.23
(2,2012)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	3	0.21	0.04	0.23
(2,2012)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	3	0.21	0.04	0.23
(2,2230)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	3	0.21	0.06	0.24
(2,2230)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	3	0.21	0.06	0.24
(2,2230)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	3	0.21	0.06	0.24
(2,2230)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	3	0.21	0.06	0.24
(2,2230)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	3	0.21	0.06	0.24
(2,2230)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	3	0.21	0.06	0.24
(3,1941)	1:58:A:ILE:HB	1:62:A:HIS:HE1	3	0.21	0.05	0.24
(4,956)	1:138:A:ASP:HA	1:141:A:LYS:HB2	3	0.21	0.04	0.19
(4,956)	1:138:A:ASP:HA	1:141:A:LYS:HB3	3	0.21	0.04	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1890)	1:58:A:ILE:HB	1:62:A:HIS:HE1	3	0.21	0.05	0.24
(5,966)	1:138:A:ASP:HA	1:141:A:LYS:HB2	3	0.21	0.04	0.19
(5,966)	1:138:A:ASP:HA	1:141:A:LYS:HB3	3	0.21	0.04	0.19
(6,2213)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	3	0.21	0.06	0.24
(6,2213)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	3	0.21	0.06	0.24
(6,2213)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	3	0.21	0.06	0.24
(6,2213)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	3	0.21	0.06	0.24
(6,2213)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	3	0.21	0.06	0.24
(6,2213)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	3	0.21	0.06	0.24
(9,1912)	1:58:A:ILE:HB	1:62:A:HIS:HE1	3	0.21	0.05	0.24
(9,2147)	1:56:A:CYS:H	1:122:A:ASP:HB2	3	0.21	0.08	0.19
(9,2147)	1:56:A:CYS:H	1:122:A:ASP:HB3	3	0.21	0.08	0.19
(13,1874)	1:58:A:ILE:HB	1:62:A:HIS:HE1	3	0.21	0.05	0.24
(15,1143)	1:78:A:HIS:HA	1:79:A:THR:HB	3	0.21	0.08	0.26
(17,1930)	1:58:A:ILE:HB	1:62:A:HIS:HE1	3	0.21	0.05	0.24
(18,1904)	1:58:A:ILE:HB	1:62:A:HIS:HE1	3	0.21	0.05	0.24
(29,2013)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	3	0.21	0.04	0.23
(29,2013)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	3	0.21	0.04	0.23
(29,2013)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	3	0.21	0.04	0.23
(29,2013)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	3	0.21	0.04	0.23
(29,2013)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	3	0.21	0.04	0.23
(29,2013)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	3	0.21	0.04	0.23
(29,2013)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	3	0.21	0.04	0.23
(29,2013)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	3	0.21	0.04	0.23
(29,2013)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	3	0.21	0.04	0.23
(29,2013)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	3	0.21	0.04	0.23
(29,2013)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	3	0.21	0.04	0.23
(29,2013)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	3	0.21	0.04	0.23
(30,1914)	1:58:A:ILE:HB	1:62:A:HIS:HE1	3	0.21	0.05	0.24
(32,74)	1:28:A:GLY:HA2	1:30:A:LEU:H	3	0.21	0.05	0.18
(32,74)	1:28:A:GLY:HA3	1:30:A:LEU:H	3	0.21	0.05	0.18
(32,1876)	1:58:A:ILE:HB	1:62:A:HIS:HE1	3	0.21	0.05	0.24
(33,1915)	1:58:A:ILE:HB	1:62:A:HIS:HE1	3	0.21	0.05	0.24
(34,1922)	1:58:A:ILE:HB	1:62:A:HIS:HE1	3	0.21	0.05	0.24
(18,1251)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	3	0.21	0.09	0.2
(18,1251)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	3	0.21	0.09	0.2
(18,1251)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	3	0.21	0.09	0.2
(18,1251)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	3	0.21	0.09	0.2
(18,1251)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	3	0.21	0.09	0.2
(18,1251)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	3	0.21	0.09	0.2
(18,1251)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	3	0.21	0.09	0.2
(18,1251)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	3	0.21	0.09	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,1251)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	3	0.21	0.09	0.2
(32,1216)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	3	0.21	0.09	0.2
(32,1216)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	3	0.21	0.09	0.2
(32,1216)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	3	0.21	0.09	0.2
(32,1216)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	3	0.21	0.09	0.2
(32,1216)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	3	0.21	0.09	0.2
(32,1216)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	3	0.21	0.09	0.2
(32,1216)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	3	0.21	0.09	0.2
(32,1216)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	3	0.21	0.09	0.2
(32,1216)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	3	0.21	0.09	0.2
(7,770)	1:101:A:ILE:HD11	1:119:A:LEU:HG	3	0.21	0.06	0.24
(7,770)	1:101:A:ILE:HD12	1:119:A:LEU:HG	3	0.21	0.06	0.24
(7,770)	1:101:A:ILE:HD13	1:119:A:LEU:HG	3	0.21	0.06	0.24
(33,780)	1:101:A:ILE:HD11	1:119:A:LEU:HG	3	0.21	0.06	0.24
(33,780)	1:101:A:ILE:HD12	1:119:A:LEU:HG	3	0.21	0.06	0.24
(33,780)	1:101:A:ILE:HD13	1:119:A:LEU:HG	3	0.21	0.06	0.24
(2,1127)	1:144:A:LEU:HB2	1:144:A:LEU:HD21	3	0.2	0.0	0.2
(2,1127)	1:144:A:LEU:HB2	1:144:A:LEU:HD22	3	0.2	0.0	0.2
(2,1127)	1:144:A:LEU:HB2	1:144:A:LEU:HD23	3	0.2	0.0	0.2
(6,1123)	1:144:A:LEU:HB2	1:144:A:LEU:HD21	3	0.2	0.0	0.2
(6,1123)	1:144:A:LEU:HB2	1:144:A:LEU:HD22	3	0.2	0.0	0.2
(6,1123)	1:144:A:LEU:HB2	1:144:A:LEU:HD23	3	0.2	0.0	0.2
(11,1148)	1:144:A:LEU:HB2	1:144:A:LEU:HD21	3	0.2	0.0	0.2
(11,1148)	1:144:A:LEU:HB2	1:144:A:LEU:HD22	3	0.2	0.0	0.2
(11,1148)	1:144:A:LEU:HB2	1:144:A:LEU:HD23	3	0.2	0.0	0.2
(13,1110)	1:144:A:LEU:HB2	1:144:A:LEU:HD21	3	0.2	0.0	0.2
(13,1110)	1:144:A:LEU:HB2	1:144:A:LEU:HD22	3	0.2	0.0	0.2
(13,1110)	1:144:A:LEU:HB2	1:144:A:LEU:HD23	3	0.2	0.0	0.2
(30,1131)	1:144:A:LEU:HB2	1:144:A:LEU:HD21	3	0.2	0.0	0.2
(30,1131)	1:144:A:LEU:HB2	1:144:A:LEU:HD22	3	0.2	0.0	0.2
(30,1131)	1:144:A:LEU:HB2	1:144:A:LEU:HD23	3	0.2	0.0	0.2
(2,366)	1:70:A:LYS:H	1:73:A:ILE:HD11	3	0.2	0.07	0.21
(2,366)	1:70:A:LYS:H	1:73:A:ILE:HD12	3	0.2	0.07	0.21
(2,366)	1:70:A:LYS:H	1:73:A:ILE:HD13	3	0.2	0.07	0.21
(4,356)	1:70:A:LYS:H	1:73:A:ILE:HD11	3	0.2	0.07	0.21
(4,356)	1:70:A:LYS:H	1:73:A:ILE:HD12	3	0.2	0.07	0.21
(4,356)	1:70:A:LYS:H	1:73:A:ILE:HD13	3	0.2	0.07	0.21
(4,1879)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	3	0.2	0.07	0.24
(4,1879)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	3	0.2	0.07	0.24
(5,360)	1:70:A:LYS:H	1:73:A:ILE:HD11	3	0.2	0.07	0.21
(5,360)	1:70:A:LYS:H	1:73:A:ILE:HD12	3	0.2	0.07	0.21
(5,360)	1:70:A:LYS:H	1:73:A:ILE:HD13	3	0.2	0.07	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,364)	1:70:A:LYS:H	1:73:A:ILE:HD11	3	0.2	0.07	0.21
(6,364)	1:70:A:LYS:H	1:73:A:ILE:HD12	3	0.2	0.07	0.21
(6,364)	1:70:A:LYS:H	1:73:A:ILE:HD13	3	0.2	0.07	0.21
(7,366)	1:70:A:LYS:H	1:73:A:ILE:HD11	3	0.2	0.07	0.21
(7,366)	1:70:A:LYS:H	1:73:A:ILE:HD12	3	0.2	0.07	0.21
(7,366)	1:70:A:LYS:H	1:73:A:ILE:HD13	3	0.2	0.07	0.21
(9,378)	1:70:A:LYS:H	1:73:A:ILE:HD11	3	0.2	0.07	0.21
(9,378)	1:70:A:LYS:H	1:73:A:ILE:HD12	3	0.2	0.07	0.21
(9,378)	1:70:A:LYS:H	1:73:A:ILE:HD13	3	0.2	0.07	0.21
(9,1901)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	3	0.2	0.07	0.24
(9,1901)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	3	0.2	0.07	0.24
(16,1890)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	3	0.2	0.07	0.24
(16,1890)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	3	0.2	0.07	0.24
(17,364)	1:70:A:LYS:H	1:73:A:ILE:HD11	3	0.2	0.07	0.21
(17,364)	1:70:A:LYS:H	1:73:A:ILE:HD12	3	0.2	0.07	0.21
(17,364)	1:70:A:LYS:H	1:73:A:ILE:HD13	3	0.2	0.07	0.21
(17,1920)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	3	0.2	0.07	0.24
(17,1920)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	3	0.2	0.07	0.24
(29,1923)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	3	0.2	0.07	0.24
(29,1923)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	3	0.2	0.07	0.24
(30,964)	1:14:A:VAL:HB	1:15:A:ALA:HB1	3	0.2	0.04	0.23
(30,964)	1:14:A:VAL:HB	1:15:A:ALA:HB2	3	0.2	0.04	0.23
(30,964)	1:14:A:VAL:HB	1:15:A:ALA:HB3	3	0.2	0.04	0.23
(30,1782)	1:80:A:TYR:H	1:80:A:TYR:HD1	3	0.2	0.01	0.21
(30,1782)	1:80:A:TYR:H	1:80:A:TYR:HD2	3	0.2	0.01	0.21
(30,1905)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	3	0.2	0.07	0.24
(30,1905)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	3	0.2	0.07	0.24
(32,358)	1:70:A:LYS:H	1:73:A:ILE:HD11	3	0.2	0.07	0.21
(32,358)	1:70:A:LYS:H	1:73:A:ILE:HD12	3	0.2	0.07	0.21
(32,358)	1:70:A:LYS:H	1:73:A:ILE:HD13	3	0.2	0.07	0.21
(32,1867)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	3	0.2	0.07	0.24
(32,1867)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	3	0.2	0.07	0.24
(33,369)	1:70:A:LYS:H	1:73:A:ILE:HD11	3	0.2	0.07	0.21
(33,369)	1:70:A:LYS:H	1:73:A:ILE:HD12	3	0.2	0.07	0.21
(33,369)	1:70:A:LYS:H	1:73:A:ILE:HD13	3	0.2	0.07	0.21
(33,1901)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	3	0.2	0.07	0.24
(33,1901)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	3	0.2	0.07	0.24
(1,1175)	1:140:A:LEU:H	1:140:A:LEU:HD21	3	0.2	0.04	0.18
(1,1175)	1:140:A:LEU:H	1:140:A:LEU:HD22	3	0.2	0.04	0.18
(1,1175)	1:140:A:LEU:H	1:140:A:LEU:HD23	3	0.2	0.04	0.18
(1,2082)	1:36:A:PRO:HB3	1:39:A:VAL:HG11	3	0.2	0.06	0.24
(1,2082)	1:36:A:PRO:HB3	1:39:A:VAL:HG12	3	0.2	0.06	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2082)	1:36:A:PRO:HB3	1:39:A:VAL:HG13	3	0.2	0.06	0.24
(1,2082)	1:36:A:PRO:HB3	1:39:A:VAL:HG21	3	0.2	0.06	0.24
(1,2082)	1:36:A:PRO:HB3	1:39:A:VAL:HG22	3	0.2	0.06	0.24
(1,2082)	1:36:A:PRO:HB3	1:39:A:VAL:HG23	3	0.2	0.06	0.24
(1,2443)	1:143:A:TRP:H	1:144:A:LEU:HD11	3	0.2	0.06	0.22
(1,2443)	1:143:A:TRP:H	1:144:A:LEU:HD12	3	0.2	0.06	0.22
(1,2443)	1:143:A:TRP:H	1:144:A:LEU:HD13	3	0.2	0.06	0.22
(1,2443)	1:143:A:TRP:H	1:144:A:LEU:HD21	3	0.2	0.06	0.22
(1,2443)	1:143:A:TRP:H	1:144:A:LEU:HD22	3	0.2	0.06	0.22
(1,2443)	1:143:A:TRP:H	1:144:A:LEU:HD23	3	0.2	0.06	0.22
(2,2102)	1:36:A:PRO:HB3	1:39:A:VAL:HG11	3	0.2	0.06	0.24
(2,2102)	1:36:A:PRO:HB3	1:39:A:VAL:HG12	3	0.2	0.06	0.24
(2,2102)	1:36:A:PRO:HB3	1:39:A:VAL:HG13	3	0.2	0.06	0.24
(2,2102)	1:36:A:PRO:HB3	1:39:A:VAL:HG21	3	0.2	0.06	0.24
(2,2102)	1:36:A:PRO:HB3	1:39:A:VAL:HG22	3	0.2	0.06	0.24
(2,2102)	1:36:A:PRO:HB3	1:39:A:VAL:HG23	3	0.2	0.06	0.24
(3,2114)	1:36:A:PRO:HB3	1:39:A:VAL:HG11	3	0.2	0.06	0.24
(3,2114)	1:36:A:PRO:HB3	1:39:A:VAL:HG12	3	0.2	0.06	0.24
(3,2114)	1:36:A:PRO:HB3	1:39:A:VAL:HG13	3	0.2	0.06	0.24
(3,2114)	1:36:A:PRO:HB3	1:39:A:VAL:HG21	3	0.2	0.06	0.24
(3,2114)	1:36:A:PRO:HB3	1:39:A:VAL:HG22	3	0.2	0.06	0.24
(3,2114)	1:36:A:PRO:HB3	1:39:A:VAL:HG23	3	0.2	0.06	0.24
(7,1148)	1:140:A:LEU:H	1:140:A:LEU:HD21	3	0.2	0.04	0.18
(7,1148)	1:140:A:LEU:H	1:140:A:LEU:HD22	3	0.2	0.04	0.18
(7,1148)	1:140:A:LEU:H	1:140:A:LEU:HD23	3	0.2	0.04	0.18
(9,2066)	1:36:A:PRO:HB3	1:39:A:VAL:HG11	3	0.2	0.06	0.24
(9,2066)	1:36:A:PRO:HB3	1:39:A:VAL:HG12	3	0.2	0.06	0.24
(9,2066)	1:36:A:PRO:HB3	1:39:A:VAL:HG13	3	0.2	0.06	0.24
(9,2066)	1:36:A:PRO:HB3	1:39:A:VAL:HG21	3	0.2	0.06	0.24
(9,2066)	1:36:A:PRO:HB3	1:39:A:VAL:HG22	3	0.2	0.06	0.24
(9,2066)	1:36:A:PRO:HB3	1:39:A:VAL:HG23	3	0.2	0.06	0.24
(13,1503)	1:69:A:MET:HE1	1:76:A:ARG:HG2	3	0.2	0.06	0.21
(13,1503)	1:69:A:MET:HE1	1:76:A:ARG:HG3	3	0.2	0.06	0.21
(13,1503)	1:69:A:MET:HE2	1:76:A:ARG:HG2	3	0.2	0.06	0.21
(13,1503)	1:69:A:MET:HE2	1:76:A:ARG:HG3	3	0.2	0.06	0.21
(13,1503)	1:69:A:MET:HE3	1:76:A:ARG:HG2	3	0.2	0.06	0.21
(13,1503)	1:69:A:MET:HE3	1:76:A:ARG:HG3	3	0.2	0.06	0.21
(18,2459)	1:143:A:TRP:H	1:144:A:LEU:HD11	3	0.2	0.06	0.22
(18,2459)	1:143:A:TRP:H	1:144:A:LEU:HD12	3	0.2	0.06	0.22
(18,2459)	1:143:A:TRP:H	1:144:A:LEU:HD13	3	0.2	0.06	0.22
(18,2459)	1:143:A:TRP:H	1:144:A:LEU:HD21	3	0.2	0.06	0.22
(18,2459)	1:143:A:TRP:H	1:144:A:LEU:HD22	3	0.2	0.06	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,2459)	1:143:A:TRP:H	1:144:A:LEU:HD23	3	0.2	0.06	0.22
(29,1182)	1:140:A:LEU:H	1:140:A:LEU:HD21	3	0.2	0.04	0.18
(29,1182)	1:140:A:LEU:H	1:140:A:LEU:HD22	3	0.2	0.04	0.18
(29,1182)	1:140:A:LEU:H	1:140:A:LEU:HD23	3	0.2	0.04	0.18
(32,2479)	1:143:A:TRP:H	1:144:A:LEU:HD11	3	0.2	0.06	0.22
(32,2479)	1:143:A:TRP:H	1:144:A:LEU:HD12	3	0.2	0.06	0.22
(32,2479)	1:143:A:TRP:H	1:144:A:LEU:HD13	3	0.2	0.06	0.22
(32,2479)	1:143:A:TRP:H	1:144:A:LEU:HD21	3	0.2	0.06	0.22
(32,2479)	1:143:A:TRP:H	1:144:A:LEU:HD22	3	0.2	0.06	0.22
(32,2479)	1:143:A:TRP:H	1:144:A:LEU:HD23	3	0.2	0.06	0.22
(34,1422)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	3	0.2	0.05	0.18
(34,1422)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	3	0.2	0.05	0.18
(34,1422)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	3	0.2	0.05	0.18
(1,272)	1:39:A:VAL:H	1:139:A:LEU:HD11	3	0.2	0.05	0.22
(1,272)	1:39:A:VAL:H	1:139:A:LEU:HD12	3	0.2	0.05	0.22
(1,272)	1:39:A:VAL:H	1:139:A:LEU:HD13	3	0.2	0.05	0.22
(1,441)	1:73:A:ILE:HB	1:76:A:ARG:H	3	0.2	0.02	0.19
(2,438)	1:73:A:ILE:HB	1:76:A:ARG:H	3	0.2	0.02	0.19
(2,774)	1:101:A:ILE:HD11	1:119:A:LEU:HG	3	0.2	0.06	0.23
(2,774)	1:101:A:ILE:HD12	1:119:A:LEU:HG	3	0.2	0.06	0.23
(2,774)	1:101:A:ILE:HD13	1:119:A:LEU:HG	3	0.2	0.06	0.23
(3,443)	1:73:A:ILE:HB	1:76:A:ARG:H	3	0.2	0.02	0.19
(5,432)	1:73:A:ILE:HB	1:76:A:ARG:H	3	0.2	0.02	0.19
(5,1216)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	3	0.2	0.03	0.21
(5,1216)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	3	0.2	0.03	0.21
(5,1216)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	3	0.2	0.03	0.21
(5,2330)	1:107:A:LEU:HD11	1:112:A:GLN:H	3	0.2	0.06	0.21
(5,2330)	1:107:A:LEU:HD12	1:112:A:GLN:H	3	0.2	0.06	0.21
(5,2330)	1:107:A:LEU:HD13	1:112:A:GLN:H	3	0.2	0.06	0.21
(5,2330)	1:107:A:LEU:HD21	1:112:A:GLN:H	3	0.2	0.06	0.21
(5,2330)	1:107:A:LEU:HD22	1:112:A:GLN:H	3	0.2	0.06	0.21
(5,2330)	1:107:A:LEU:HD23	1:112:A:GLN:H	3	0.2	0.06	0.21
(6,436)	1:73:A:ILE:HB	1:76:A:ARG:H	3	0.2	0.02	0.19
(7,440)	1:73:A:ILE:HB	1:76:A:ARG:H	3	0.2	0.02	0.19
(9,446)	1:73:A:ILE:HB	1:76:A:ARG:H	3	0.2	0.02	0.19
(11,442)	1:73:A:ILE:HB	1:76:A:ARG:H	3	0.2	0.02	0.19
(11,1218)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	3	0.2	0.03	0.21
(11,1218)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	3	0.2	0.03	0.21
(11,1218)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	3	0.2	0.03	0.21
(13,436)	1:73:A:ILE:HB	1:76:A:ARG:H	3	0.2	0.02	0.19
(15,1787)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	3	0.2	0.06	0.24
(15,1787)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	3	0.2	0.06	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,1787)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	3	0.2	0.06	0.24
(15,1787)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	3	0.2	0.06	0.24
(30,443)	1:73:A:ILE:HB	1:76:A:ARG:H	3	0.2	0.02	0.19
(32,427)	1:73:A:ILE:HB	1:76:A:ARG:H	3	0.2	0.02	0.19
(32,1168)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	3	0.2	0.03	0.21
(32,1168)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	3	0.2	0.03	0.21
(32,1168)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	3	0.2	0.03	0.21
(33,437)	1:73:A:ILE:HB	1:76:A:ARG:H	3	0.2	0.02	0.19
(34,446)	1:73:A:ILE:HB	1:76:A:ARG:H	3	0.2	0.02	0.19
(2,1456)	1:47:A:ALA:HA	1:50:A:ALA:HB1	3	0.19	0.05	0.22
(2,1456)	1:47:A:ALA:HA	1:50:A:ALA:HB2	3	0.19	0.05	0.22
(2,1456)	1:47:A:ALA:HA	1:50:A:ALA:HB3	3	0.19	0.05	0.22
(9,760)	1:42:A:GLU:H	1:42:A:GLU:HB3	3	0.19	0.02	0.2
(18,778)	1:42:A:GLU:H	1:42:A:GLU:HB3	3	0.19	0.02	0.2
(30,1450)	1:47:A:ALA:HA	1:50:A:ALA:HB1	3	0.19	0.05	0.22
(30,1450)	1:47:A:ALA:HA	1:50:A:ALA:HB2	3	0.19	0.05	0.22
(30,1450)	1:47:A:ALA:HA	1:50:A:ALA:HB3	3	0.19	0.05	0.22
(1,1828)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	3	0.19	0.06	0.15
(1,1828)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	3	0.19	0.06	0.15
(1,1828)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	3	0.19	0.06	0.15
(1,1828)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	3	0.19	0.06	0.15
(1,1828)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	3	0.19	0.06	0.15
(1,1828)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	3	0.19	0.06	0.15
(2,2412)	1:131:A:LEU:H	1:134:A:VAL:HG11	3	0.19	0.11	0.13
(2,2412)	1:131:A:LEU:H	1:134:A:VAL:HG12	3	0.19	0.11	0.13
(2,2412)	1:131:A:LEU:H	1:134:A:VAL:HG13	3	0.19	0.11	0.13
(2,2412)	1:131:A:LEU:H	1:134:A:VAL:HG21	3	0.19	0.11	0.13
(2,2412)	1:131:A:LEU:H	1:134:A:VAL:HG22	3	0.19	0.11	0.13
(2,2412)	1:131:A:LEU:H	1:134:A:VAL:HG23	3	0.19	0.11	0.13
(3,1853)	1:9:A:PHE:HZ	1:54:A:ARG:HA	3	0.19	0.08	0.18
(6,1829)	1:9:A:PHE:HZ	1:54:A:ARG:HA	3	0.19	0.08	0.18
(9,189)	1:139:A:LEU:H	1:139:A:LEU:HD21	3	0.19	0.03	0.18
(9,189)	1:139:A:LEU:H	1:139:A:LEU:HD22	3	0.19	0.03	0.18
(9,189)	1:139:A:LEU:H	1:139:A:LEU:HD23	3	0.19	0.03	0.18
(16,1768)	1:9:A:PHE:HZ	1:54:A:ARG:HA	3	0.19	0.08	0.18
(17,1840)	1:9:A:PHE:HZ	1:54:A:ARG:HA	3	0.19	0.08	0.18
(29,1797)	1:9:A:PHE:HZ	1:54:A:ARG:HA	3	0.19	0.08	0.18
(30,1826)	1:9:A:PHE:HZ	1:54:A:ARG:HA	3	0.19	0.08	0.18
(33,1771)	1:9:A:PHE:HZ	1:54:A:ARG:HA	3	0.19	0.08	0.18
(4,59)	1:11:A:ILE:HD11	1:47:A:ALA:H	3	0.19	0.05	0.21
(4,59)	1:11:A:ILE:HD12	1:47:A:ALA:H	3	0.19	0.05	0.21
(4,59)	1:11:A:ILE:HD13	1:47:A:ALA:H	3	0.19	0.05	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,216)	1:44:A:GLU:HB2	1:48:A:ARG:H	3	0.19	0.06	0.22
(6,216)	1:44:A:GLU:HB3	1:48:A:ARG:H	3	0.19	0.06	0.22
(11,2014)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	3	0.19	0.04	0.21
(11,2014)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	3	0.19	0.04	0.21
(11,2014)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	3	0.19	0.04	0.21
(11,2014)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	3	0.19	0.04	0.21
(11,2014)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	3	0.19	0.04	0.21
(11,2014)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	3	0.19	0.04	0.21
(11,2014)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	3	0.19	0.04	0.21
(11,2014)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	3	0.19	0.04	0.21
(11,2014)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	3	0.19	0.04	0.21
(11,2014)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	3	0.19	0.04	0.21
(11,2014)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	3	0.19	0.04	0.21
(11,2014)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	3	0.19	0.04	0.21
(1,2427)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.19	0.09	0.12
(1,2427)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.19	0.09	0.12
(1,2427)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.19	0.09	0.12
(1,2427)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.19	0.09	0.12
(1,2427)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.19	0.09	0.12
(1,2427)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.19	0.09	0.12
(2,640)	1:66:A:THR:H	1:70:A:LYS:H	3	0.19	0.08	0.17
(2,2457)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.19	0.09	0.12
(2,2457)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.19	0.09	0.12
(2,2457)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.19	0.09	0.12
(2,2457)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.19	0.09	0.12
(2,2457)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.19	0.09	0.12
(2,2457)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.19	0.09	0.12
(4,2456)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.19	0.09	0.12
(4,2456)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.19	0.09	0.12
(4,2456)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.19	0.09	0.12
(4,2456)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.19	0.09	0.12
(4,2456)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.19	0.09	0.12
(4,2456)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.19	0.09	0.12
(5,2445)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.19	0.09	0.12
(5,2445)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.19	0.09	0.12
(5,2445)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.19	0.09	0.12
(5,2445)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.19	0.09	0.12
(5,2445)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.19	0.09	0.12
(5,2445)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.19	0.09	0.12
(6,635)	1:66:A:THR:H	1:70:A:LYS:H	3	0.19	0.08	0.17
(6,2456)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.19	0.09	0.12
(6,2456)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.19	0.09	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,2456)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.19	0.09	0.12
(6,2456)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.19	0.09	0.12
(6,2456)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.19	0.09	0.12
(6,2456)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.19	0.09	0.12
(7,1577)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	3	0.19	0.06	0.16
(7,1577)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	3	0.19	0.06	0.16
(7,1577)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	3	0.19	0.06	0.16
(7,2448)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.19	0.09	0.12
(7,2448)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.19	0.09	0.12
(7,2448)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.19	0.09	0.12
(7,2448)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.19	0.09	0.12
(7,2448)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.19	0.09	0.12
(7,2448)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.19	0.09	0.12
(9,2250)	1:100:A:ALA:HA	1:119:A:LEU:HD11	3	0.19	0.02	0.18
(9,2250)	1:100:A:ALA:HA	1:119:A:LEU:HD12	3	0.19	0.02	0.18
(9,2250)	1:100:A:ALA:HA	1:119:A:LEU:HD13	3	0.19	0.02	0.18
(9,2250)	1:100:A:ALA:HA	1:119:A:LEU:HD21	3	0.19	0.02	0.18
(9,2250)	1:100:A:ALA:HA	1:119:A:LEU:HD22	3	0.19	0.02	0.18
(9,2250)	1:100:A:ALA:HA	1:119:A:LEU:HD23	3	0.19	0.02	0.18
(13,2444)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.19	0.09	0.12
(13,2444)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.19	0.09	0.12
(13,2444)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.19	0.09	0.12
(13,2444)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.19	0.09	0.12
(13,2444)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.19	0.09	0.12
(13,2444)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.19	0.09	0.12
(15,2458)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.19	0.09	0.12
(15,2458)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.19	0.09	0.12
(15,2458)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.19	0.09	0.12
(15,2458)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.19	0.09	0.12
(15,2458)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.19	0.09	0.12
(15,2458)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.19	0.09	0.12
(17,641)	1:66:A:THR:H	1:70:A:LYS:H	3	0.19	0.08	0.17
(17,2452)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.19	0.09	0.12
(17,2452)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.19	0.09	0.12
(17,2452)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.19	0.09	0.12
(17,2452)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.19	0.09	0.12
(17,2452)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.19	0.09	0.12
(17,2452)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.19	0.09	0.12
(18,1588)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	3	0.19	0.06	0.16
(18,1588)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	3	0.19	0.06	0.16
(18,1588)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	3	0.19	0.06	0.16
(18,2441)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.19	0.09	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,2441)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.19	0.09	0.12
(18,2441)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.19	0.09	0.12
(18,2441)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.19	0.09	0.12
(18,2441)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.19	0.09	0.12
(18,2441)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.19	0.09	0.12
(29,2417)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.19	0.09	0.12
(29,2417)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.19	0.09	0.12
(29,2417)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.19	0.09	0.12
(29,2417)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.19	0.09	0.12
(29,2417)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.19	0.09	0.12
(29,2417)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.19	0.09	0.12
(30,1294)	1:59:A:CYS:HA	1:60:A:LEU:HD21	3	0.19	0.08	0.17
(30,1294)	1:59:A:CYS:HA	1:60:A:LEU:HD22	3	0.19	0.08	0.17
(30,1294)	1:59:A:CYS:HA	1:60:A:LEU:HD23	3	0.19	0.08	0.17
(33,2475)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.19	0.09	0.12
(33,2475)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.19	0.09	0.12
(33,2475)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.19	0.09	0.12
(33,2475)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.19	0.09	0.12
(33,2475)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.19	0.09	0.12
(33,2475)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.19	0.09	0.12
(34,1619)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	3	0.19	0.06	0.16
(34,1619)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	3	0.19	0.06	0.16
(34,1619)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	3	0.19	0.06	0.16
(33,1953)	1:11:A:ILE:HG12	1:57:A:LEU:HD11	3	0.19	0.08	0.16
(33,1953)	1:11:A:ILE:HG12	1:57:A:LEU:HD12	3	0.19	0.08	0.16
(33,1953)	1:11:A:ILE:HG12	1:57:A:LEU:HD13	3	0.19	0.08	0.16
(33,1953)	1:11:A:ILE:HG12	1:57:A:LEU:HD21	3	0.19	0.08	0.16
(33,1953)	1:11:A:ILE:HG12	1:57:A:LEU:HD22	3	0.19	0.08	0.16
(33,1953)	1:11:A:ILE:HG12	1:57:A:LEU:HD23	3	0.19	0.08	0.16
(4,2280)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	3	0.18	0.06	0.15
(4,2280)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	3	0.18	0.06	0.15
(4,2280)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	3	0.18	0.06	0.15
(4,2280)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	3	0.18	0.06	0.15
(4,2280)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	3	0.18	0.06	0.15
(4,2280)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	3	0.18	0.06	0.15
(4,2280)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	3	0.18	0.06	0.15
(4,2280)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	3	0.18	0.06	0.15
(4,2280)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	3	0.18	0.06	0.15
(4,2280)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	3	0.18	0.06	0.15
(4,2280)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	3	0.18	0.06	0.15
(4,2280)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	3	0.18	0.06	0.15
(13,899)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	3	0.18	0.1	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,899)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	3	0.18	0.1	0.11
(13,899)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	3	0.18	0.1	0.11
(16,929)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	3	0.18	0.1	0.11
(16,929)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	3	0.18	0.1	0.11
(16,929)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	3	0.18	0.1	0.11
(32,892)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	3	0.18	0.1	0.11
(32,892)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	3	0.18	0.1	0.11
(32,892)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	3	0.18	0.1	0.11
(11,861)	1:37:A:LEU:HB2	1:39:A:VAL:H	3	0.18	0.05	0.16
(13,2362)	1:118:A:ASP:H	1:119:A:LEU:HD11	3	0.18	0.04	0.15
(13,2362)	1:118:A:ASP:H	1:119:A:LEU:HD12	3	0.18	0.04	0.15
(13,2362)	1:118:A:ASP:H	1:119:A:LEU:HD13	3	0.18	0.04	0.15
(13,2362)	1:118:A:ASP:H	1:119:A:LEU:HD21	3	0.18	0.04	0.15
(13,2362)	1:118:A:ASP:H	1:119:A:LEU:HD22	3	0.18	0.04	0.15
(13,2362)	1:118:A:ASP:H	1:119:A:LEU:HD23	3	0.18	0.04	0.15
(17,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	3	0.18	0.04	0.19
(17,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	3	0.18	0.04	0.19
(17,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	3	0.18	0.04	0.19
(17,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD21	3	0.18	0.04	0.19
(17,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD22	3	0.18	0.04	0.19
(17,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD23	3	0.18	0.04	0.19
(17,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	3	0.18	0.04	0.19
(17,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	3	0.18	0.04	0.19
(17,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	3	0.18	0.04	0.19
(17,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD21	3	0.18	0.04	0.19
(17,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD22	3	0.18	0.04	0.19
(17,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD23	3	0.18	0.04	0.19
(17,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	3	0.18	0.04	0.19
(17,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	3	0.18	0.04	0.19
(17,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	3	0.18	0.04	0.19
(17,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD21	3	0.18	0.04	0.19
(17,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD22	3	0.18	0.04	0.19
(17,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD23	3	0.18	0.04	0.19
(17,2250)	1:69:A:MET:HG2	1:73:A:ILE:HD11	3	0.18	0.02	0.18
(17,2250)	1:69:A:MET:HG2	1:73:A:ILE:HD12	3	0.18	0.02	0.18
(17,2250)	1:69:A:MET:HG2	1:73:A:ILE:HD13	3	0.18	0.02	0.18
(17,2250)	1:69:A:MET:HG3	1:73:A:ILE:HD11	3	0.18	0.02	0.18
(17,2250)	1:69:A:MET:HG3	1:73:A:ILE:HD12	3	0.18	0.02	0.18
(17,2250)	1:69:A:MET:HG3	1:73:A:ILE:HD13	3	0.18	0.02	0.18
(33,866)	1:37:A:LEU:HB2	1:39:A:VAL:H	3	0.18	0.05	0.16
(1,877)	1:8:A:ASP:HB3	1:9:A:PHE:HD1	3	0.18	0.03	0.16
(1,877)	1:8:A:ASP:HB3	1:9:A:PHE:HD2	3	0.18	0.03	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,877)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	3	0.18	0.03	0.16
(1,877)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	3	0.18	0.03	0.16
(3,1066)	1:110:A:MET:HE1	1:114:A:ILE:HG12	3	0.18	0.08	0.12
(3,1066)	1:110:A:MET:HE2	1:114:A:ILE:HG12	3	0.18	0.08	0.12
(3,1066)	1:110:A:MET:HE3	1:114:A:ILE:HG12	3	0.18	0.08	0.12
(4,441)	1:142:A:LYS:H	1:143:A:TRP:HB2	3	0.18	0.01	0.18
(4,914)	1:125:A:THR:HB	1:129:A:LYS:HB2	3	0.18	0.08	0.13
(4,914)	1:125:A:THR:HB	1:129:A:LYS:HB3	3	0.18	0.08	0.13
(5,441)	1:142:A:LYS:H	1:143:A:TRP:HB2	3	0.18	0.01	0.18
(5,1058)	1:110:A:MET:HE1	1:114:A:ILE:HG12	3	0.18	0.08	0.12
(5,1058)	1:110:A:MET:HE2	1:114:A:ILE:HG12	3	0.18	0.08	0.12
(5,1058)	1:110:A:MET:HE3	1:114:A:ILE:HG12	3	0.18	0.08	0.12
(6,1034)	1:110:A:MET:HE1	1:114:A:ILE:HG12	3	0.18	0.08	0.12
(6,1034)	1:110:A:MET:HE2	1:114:A:ILE:HG12	3	0.18	0.08	0.12
(6,1034)	1:110:A:MET:HE3	1:114:A:ILE:HG12	3	0.18	0.08	0.12
(7,1027)	1:110:A:MET:HE1	1:114:A:ILE:HG12	3	0.18	0.08	0.12
(7,1027)	1:110:A:MET:HE2	1:114:A:ILE:HG12	3	0.18	0.08	0.12
(7,1027)	1:110:A:MET:HE3	1:114:A:ILE:HG12	3	0.18	0.08	0.12
(9,455)	1:142:A:LYS:H	1:143:A:TRP:HB2	3	0.18	0.01	0.18
(9,1045)	1:110:A:MET:HE1	1:114:A:ILE:HG12	3	0.18	0.08	0.12
(9,1045)	1:110:A:MET:HE2	1:114:A:ILE:HG12	3	0.18	0.08	0.12
(9,1045)	1:110:A:MET:HE3	1:114:A:ILE:HG12	3	0.18	0.08	0.12
(13,847)	1:8:A:ASP:HB3	1:9:A:PHE:HD1	3	0.18	0.03	0.16
(13,847)	1:8:A:ASP:HB3	1:9:A:PHE:HD2	3	0.18	0.03	0.16
(13,847)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	3	0.18	0.03	0.16
(13,847)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	3	0.18	0.03	0.16
(13,1660)	1:124:A:THR:HB	1:126:A:GLY:HA3	3	0.18	0.07	0.13
(15,455)	1:142:A:LYS:H	1:143:A:TRP:HB2	3	0.18	0.01	0.18
(15,2167)	1:57:A:LEU:HA	1:57:A:LEU:HD11	3	0.18	0.03	0.2
(15,2167)	1:57:A:LEU:HA	1:57:A:LEU:HD12	3	0.18	0.03	0.2
(15,2167)	1:57:A:LEU:HA	1:57:A:LEU:HD13	3	0.18	0.03	0.2
(15,2167)	1:57:A:LEU:HA	1:57:A:LEU:HD21	3	0.18	0.03	0.2
(15,2167)	1:57:A:LEU:HA	1:57:A:LEU:HD22	3	0.18	0.03	0.2
(15,2167)	1:57:A:LEU:HA	1:57:A:LEU:HD23	3	0.18	0.03	0.2
(16,1340)	1:22:A:ASP:HA	1:24:A:ASP:H	3	0.18	0.08	0.15
(17,444)	1:142:A:LYS:H	1:143:A:TRP:HB2	3	0.18	0.01	0.18
(18,463)	1:142:A:LYS:H	1:143:A:TRP:HB2	3	0.18	0.01	0.18
(29,454)	1:142:A:LYS:H	1:143:A:TRP:HB2	3	0.18	0.01	0.18
(29,1063)	1:110:A:MET:HE1	1:114:A:ILE:HG12	3	0.18	0.08	0.12
(29,1063)	1:110:A:MET:HE2	1:114:A:ILE:HG12	3	0.18	0.08	0.12
(29,1063)	1:110:A:MET:HE3	1:114:A:ILE:HG12	3	0.18	0.08	0.12
(32,436)	1:142:A:LYS:H	1:143:A:TRP:HB2	3	0.18	0.01	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,456)	1:142:A:LYS:H	1:143:A:TRP:HB2	3	0.18	0.01	0.18
(34,1704)	1:124:A:THR:HB	1:126:A:GLY:HA3	3	0.18	0.07	0.13
(1,1745)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(1,1745)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(1,1745)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(2,1752)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(2,1752)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(2,1752)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(3,1766)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(3,1766)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(3,1766)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(4,1713)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(4,1713)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(4,1713)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(5,1758)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(5,1758)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(5,1758)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(5,1849)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	3	0.17	0.03	0.16
(5,1849)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	3	0.17	0.03	0.16
(5,1849)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	3	0.17	0.03	0.16
(6,1454)	1:13:A:ALA:HB1	1:79:A:THR:HB	3	0.17	0.05	0.2
(6,1454)	1:13:A:ALA:HB2	1:79:A:THR:HB	3	0.17	0.05	0.2
(6,1454)	1:13:A:ALA:HB3	1:79:A:THR:HB	3	0.17	0.05	0.2
(6,1735)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(6,1735)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(6,1735)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(6,2107)	1:39:A:VAL:HG11	1:41:A:LYS:H	3	0.17	0.01	0.17
(6,2107)	1:39:A:VAL:HG12	1:41:A:LYS:H	3	0.17	0.01	0.17
(6,2107)	1:39:A:VAL:HG13	1:41:A:LYS:H	3	0.17	0.01	0.17
(6,2107)	1:39:A:VAL:HG21	1:41:A:LYS:H	3	0.17	0.01	0.17
(6,2107)	1:39:A:VAL:HG22	1:41:A:LYS:H	3	0.17	0.01	0.17
(6,2107)	1:39:A:VAL:HG23	1:41:A:LYS:H	3	0.17	0.01	0.17
(7,1701)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(7,1701)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(7,1701)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(9,1726)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(9,1726)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(9,1726)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(11,1770)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(11,1770)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(11,1770)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(13,1700)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.17	0.03	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1700)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(13,1700)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(16,1728)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(16,1728)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(16,1728)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(17,1469)	1:47:A:ALA:HA	1:50:A:ALA:HB1	3	0.17	0.05	0.2
(17,1469)	1:47:A:ALA:HA	1:50:A:ALA:HB2	3	0.17	0.05	0.2
(17,1469)	1:47:A:ALA:HA	1:50:A:ALA:HB3	3	0.17	0.05	0.2
(17,1749)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(17,1749)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(17,1749)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(30,1741)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(30,1741)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(30,1741)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(33,1724)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(33,1724)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(33,1724)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(34,1744)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(34,1744)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(34,1744)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.17	0.03	0.19
(2,1040)	1:111:A:GLU:HA	1:114:A:ILE:HG12	3	0.17	0.02	0.17
(2,1360)	1:120:A:CYS:H	1:121:A:VAL:HG11	3	0.17	0.03	0.19
(2,1360)	1:120:A:CYS:H	1:121:A:VAL:HG12	3	0.17	0.03	0.19
(2,1360)	1:120:A:CYS:H	1:121:A:VAL:HG13	3	0.17	0.03	0.19
(2,2090)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(2,2090)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(2,2090)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(2,2090)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(2,2090)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(2,2090)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(3,282)	1:73:A:ILE:HD11	1:112:A:GLN:H	3	0.17	0.05	0.17
(3,282)	1:73:A:ILE:HD12	1:112:A:GLN:H	3	0.17	0.05	0.17
(3,282)	1:73:A:ILE:HD13	1:112:A:GLN:H	3	0.17	0.05	0.17
(3,1064)	1:111:A:GLU:HA	1:114:A:ILE:HG12	3	0.17	0.02	0.17
(3,1382)	1:120:A:CYS:H	1:121:A:VAL:HG11	3	0.17	0.03	0.19
(3,1382)	1:120:A:CYS:H	1:121:A:VAL:HG12	3	0.17	0.03	0.19
(3,1382)	1:120:A:CYS:H	1:121:A:VAL:HG13	3	0.17	0.03	0.19
(4,2071)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(4,2071)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(4,2071)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(4,2071)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(4,2071)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	3	0.17	0.01	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,2071)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(5,1056)	1:111:A:GLU:HA	1:114:A:ILE:HG12	3	0.17	0.02	0.17
(5,2057)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(5,2057)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(5,2057)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(5,2057)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(5,2057)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(5,2057)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(7,237)	1:50:A:ALA:H	1:52:A:CYS:H	3	0.17	0.06	0.14
(9,1043)	1:111:A:GLU:HA	1:114:A:ILE:HG12	3	0.17	0.02	0.17
(9,1350)	1:120:A:CYS:H	1:121:A:VAL:HG11	3	0.17	0.03	0.19
(9,1350)	1:120:A:CYS:H	1:121:A:VAL:HG12	3	0.17	0.03	0.19
(9,1350)	1:120:A:CYS:H	1:121:A:VAL:HG13	3	0.17	0.03	0.19
(9,2055)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(9,2055)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(9,2055)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(9,2055)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(9,2055)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(9,2055)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(11,233)	1:50:A:ALA:H	1:52:A:CYS:H	3	0.17	0.06	0.14
(11,1057)	1:111:A:GLU:HA	1:114:A:ILE:HG12	3	0.17	0.02	0.17
(13,1031)	1:111:A:GLU:HA	1:114:A:ILE:HG12	3	0.17	0.02	0.17
(13,1329)	1:120:A:CYS:H	1:121:A:VAL:HG11	3	0.17	0.03	0.19
(13,1329)	1:120:A:CYS:H	1:121:A:VAL:HG12	3	0.17	0.03	0.19
(13,1329)	1:120:A:CYS:H	1:121:A:VAL:HG13	3	0.17	0.03	0.19
(13,2217)	1:69:A:MET:HG2	1:73:A:ILE:HD11	3	0.17	0.02	0.17
(13,2217)	1:69:A:MET:HG2	1:73:A:ILE:HD12	3	0.17	0.02	0.17
(13,2217)	1:69:A:MET:HG2	1:73:A:ILE:HD13	3	0.17	0.02	0.17
(13,2217)	1:69:A:MET:HG3	1:73:A:ILE:HD11	3	0.17	0.02	0.17
(13,2217)	1:69:A:MET:HG3	1:73:A:ILE:HD12	3	0.17	0.02	0.17
(13,2217)	1:69:A:MET:HG3	1:73:A:ILE:HD13	3	0.17	0.02	0.17
(15,1355)	1:120:A:CYS:H	1:121:A:VAL:HG11	3	0.17	0.03	0.19
(15,1355)	1:120:A:CYS:H	1:121:A:VAL:HG12	3	0.17	0.03	0.19
(15,1355)	1:120:A:CYS:H	1:121:A:VAL:HG13	3	0.17	0.03	0.19
(15,2047)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(15,2047)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(15,2047)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(15,2047)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(15,2047)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(15,2047)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(16,1065)	1:111:A:GLU:HA	1:114:A:ILE:HG12	3	0.17	0.02	0.17
(17,1055)	1:111:A:GLU:HA	1:114:A:ILE:HG12	3	0.17	0.02	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,1062)	1:111:A:GLU:HA	1:114:A:ILE:HG12	3	0.17	0.02	0.17
(29,1061)	1:111:A:GLU:HA	1:114:A:ILE:HG12	3	0.17	0.02	0.17
(30,2074)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(30,2074)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(30,2074)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(30,2074)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(30,2074)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(30,2074)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(33,1046)	1:111:A:GLU:HA	1:114:A:ILE:HG12	3	0.17	0.02	0.17
(33,2079)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(33,2079)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(33,2079)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(33,2079)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(33,2079)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(33,2079)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	3	0.17	0.01	0.16
(34,242)	1:50:A:ALA:H	1:52:A:CYS:H	3	0.17	0.06	0.14
(34,1375)	1:120:A:CYS:H	1:121:A:VAL:HG11	3	0.17	0.03	0.19
(34,1375)	1:120:A:CYS:H	1:121:A:VAL:HG12	3	0.17	0.03	0.19
(34,1375)	1:120:A:CYS:H	1:121:A:VAL:HG13	3	0.17	0.03	0.19
(1,509)	1:97:A:ASP:HA	1:105:A:LYS:H	3	0.17	0.0	0.17
(2,504)	1:97:A:ASP:HA	1:105:A:LYS:H	3	0.17	0.0	0.17
(2,1652)	1:114:A:ILE:HG21	1:117:A:VAL:HG21	3	0.17	0.07	0.14
(2,1652)	1:114:A:ILE:HG21	1:117:A:VAL:HG22	3	0.17	0.07	0.14
(2,1652)	1:114:A:ILE:HG21	1:117:A:VAL:HG23	3	0.17	0.07	0.14
(2,1652)	1:114:A:ILE:HG22	1:117:A:VAL:HG21	3	0.17	0.07	0.14
(2,1652)	1:114:A:ILE:HG22	1:117:A:VAL:HG22	3	0.17	0.07	0.14
(2,1652)	1:114:A:ILE:HG22	1:117:A:VAL:HG23	3	0.17	0.07	0.14
(2,1652)	1:114:A:ILE:HG23	1:117:A:VAL:HG21	3	0.17	0.07	0.14
(2,1652)	1:114:A:ILE:HG23	1:117:A:VAL:HG22	3	0.17	0.07	0.14
(2,1652)	1:114:A:ILE:HG23	1:117:A:VAL:HG23	3	0.17	0.07	0.14
(3,509)	1:97:A:ASP:HA	1:105:A:LYS:H	3	0.17	0.0	0.17
(4,496)	1:97:A:ASP:HA	1:105:A:LYS:H	3	0.17	0.0	0.17
(5,496)	1:97:A:ASP:HA	1:105:A:LYS:H	3	0.17	0.0	0.17
(6,503)	1:97:A:ASP:HA	1:105:A:LYS:H	3	0.17	0.0	0.17
(7,507)	1:97:A:ASP:HA	1:105:A:LYS:H	3	0.17	0.0	0.17
(9,1954)	1:12:A:VAL:H	1:14:A:VAL:HG11	3	0.17	0.04	0.16
(9,1954)	1:12:A:VAL:H	1:14:A:VAL:HG12	3	0.17	0.04	0.16
(9,1954)	1:12:A:VAL:H	1:14:A:VAL:HG13	3	0.17	0.04	0.16
(9,1954)	1:12:A:VAL:H	1:14:A:VAL:HG21	3	0.17	0.04	0.16
(9,1954)	1:12:A:VAL:H	1:14:A:VAL:HG22	3	0.17	0.04	0.16
(9,1954)	1:12:A:VAL:H	1:14:A:VAL:HG23	3	0.17	0.04	0.16
(11,506)	1:97:A:ASP:HA	1:105:A:LYS:H	3	0.17	0.0	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,1668)	1:114:A:ILE:HG21	1:117:A:VAL:HG21	3	0.17	0.07	0.14
(11,1668)	1:114:A:ILE:HG21	1:117:A:VAL:HG22	3	0.17	0.07	0.14
(11,1668)	1:114:A:ILE:HG21	1:117:A:VAL:HG23	3	0.17	0.07	0.14
(11,1668)	1:114:A:ILE:HG22	1:117:A:VAL:HG21	3	0.17	0.07	0.14
(11,1668)	1:114:A:ILE:HG22	1:117:A:VAL:HG22	3	0.17	0.07	0.14
(11,1668)	1:114:A:ILE:HG22	1:117:A:VAL:HG23	3	0.17	0.07	0.14
(11,1668)	1:114:A:ILE:HG23	1:117:A:VAL:HG21	3	0.17	0.07	0.14
(11,1668)	1:114:A:ILE:HG23	1:117:A:VAL:HG22	3	0.17	0.07	0.14
(11,1668)	1:114:A:ILE:HG23	1:117:A:VAL:HG23	3	0.17	0.07	0.14
(13,500)	1:97:A:ASP:HA	1:105:A:LYS:H	3	0.17	0.0	0.17
(16,508)	1:97:A:ASP:HA	1:105:A:LYS:H	3	0.17	0.0	0.17
(16,2402)	1:127:A:CYS:HB2	1:128:A:LEU:HD11	3	0.17	0.01	0.16
(16,2402)	1:127:A:CYS:HB2	1:128:A:LEU:HD12	3	0.17	0.01	0.16
(16,2402)	1:127:A:CYS:HB2	1:128:A:LEU:HD13	3	0.17	0.01	0.16
(16,2402)	1:127:A:CYS:HB2	1:128:A:LEU:HD21	3	0.17	0.01	0.16
(16,2402)	1:127:A:CYS:HB2	1:128:A:LEU:HD22	3	0.17	0.01	0.16
(16,2402)	1:127:A:CYS:HB2	1:128:A:LEU:HD23	3	0.17	0.01	0.16
(17,499)	1:97:A:ASP:HA	1:105:A:LYS:H	3	0.17	0.0	0.17
(18,522)	1:97:A:ASP:HA	1:105:A:LYS:H	3	0.17	0.0	0.17
(30,504)	1:97:A:ASP:HA	1:105:A:LYS:H	3	0.17	0.0	0.17
(30,1636)	1:114:A:ILE:HG21	1:117:A:VAL:HG21	3	0.17	0.07	0.14
(30,1636)	1:114:A:ILE:HG21	1:117:A:VAL:HG22	3	0.17	0.07	0.14
(30,1636)	1:114:A:ILE:HG21	1:117:A:VAL:HG23	3	0.17	0.07	0.14
(30,1636)	1:114:A:ILE:HG22	1:117:A:VAL:HG21	3	0.17	0.07	0.14
(30,1636)	1:114:A:ILE:HG22	1:117:A:VAL:HG22	3	0.17	0.07	0.14
(30,1636)	1:114:A:ILE:HG22	1:117:A:VAL:HG23	3	0.17	0.07	0.14
(30,1636)	1:114:A:ILE:HG23	1:117:A:VAL:HG21	3	0.17	0.07	0.14
(30,1636)	1:114:A:ILE:HG23	1:117:A:VAL:HG22	3	0.17	0.07	0.14
(30,1636)	1:114:A:ILE:HG23	1:117:A:VAL:HG23	3	0.17	0.07	0.14
(34,518)	1:97:A:ASP:HA	1:105:A:LYS:H	3	0.17	0.0	0.17
(7,2254)	1:81:A:GLU:H	1:81:A:GLU:HB2	3	0.16	0.08	0.11
(7,2254)	1:81:A:GLU:H	1:81:A:GLU:HB3	3	0.16	0.08	0.11
(18,2330)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	3	0.16	0.03	0.17
(18,2330)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	3	0.16	0.03	0.17
(18,2330)	1:109:A:PRO:HG3	1:112:A:GLN:HB2	3	0.16	0.03	0.17
(18,2330)	1:109:A:PRO:HG3	1:112:A:GLN:HB3	3	0.16	0.03	0.17
(33,2292)	1:81:A:GLU:H	1:81:A:GLU:HB2	3	0.16	0.08	0.11
(33,2292)	1:81:A:GLU:H	1:81:A:GLU:HB3	3	0.16	0.08	0.11
(1,856)	1:48:A:ARG:H	1:48:A:ARG:HD2	3	0.16	0.08	0.11
(1,856)	1:48:A:ARG:H	1:48:A:ARG:HD3	3	0.16	0.08	0.11
(2,836)	1:48:A:ARG:H	1:48:A:ARG:HD2	3	0.16	0.08	0.11
(2,836)	1:48:A:ARG:H	1:48:A:ARG:HD3	3	0.16	0.08	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,1613)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	3	0.16	0.05	0.13
(2,1613)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	3	0.16	0.05	0.13
(2,1613)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	3	0.16	0.05	0.13
(3,856)	1:48:A:ARG:H	1:48:A:ARG:HD2	3	0.16	0.08	0.11
(3,856)	1:48:A:ARG:H	1:48:A:ARG:HD3	3	0.16	0.08	0.11
(3,883)	1:57:A:LEU:HA	1:60:A:LEU:HB3	3	0.16	0.04	0.16
(3,1632)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	3	0.16	0.05	0.13
(3,1632)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	3	0.16	0.05	0.13
(3,1632)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	3	0.16	0.05	0.13
(3,2223)	1:59:A:CYS:HA	1:60:A:LEU:HD11	3	0.16	0.04	0.16
(3,2223)	1:59:A:CYS:HA	1:60:A:LEU:HD12	3	0.16	0.04	0.16
(3,2223)	1:59:A:CYS:HA	1:60:A:LEU:HD13	3	0.16	0.04	0.16
(3,2223)	1:59:A:CYS:HA	1:60:A:LEU:HD21	3	0.16	0.04	0.16
(3,2223)	1:59:A:CYS:HA	1:60:A:LEU:HD22	3	0.16	0.04	0.16
(3,2223)	1:59:A:CYS:HA	1:60:A:LEU:HD23	3	0.16	0.04	0.16
(4,154)	1:127:A:CYS:H	1:128:A:LEU:HG	3	0.16	0.06	0.14
(5,864)	1:57:A:LEU:HA	1:60:A:LEU:HB3	3	0.16	0.04	0.16
(5,1613)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	3	0.16	0.05	0.13
(5,1613)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	3	0.16	0.05	0.13
(5,1613)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	3	0.16	0.05	0.13
(5,1806)	1:80:A:TYR:H	1:80:A:TYR:HD1	3	0.16	0.01	0.17
(5,1806)	1:80:A:TYR:H	1:80:A:TYR:HD2	3	0.16	0.01	0.17
(7,856)	1:57:A:LEU:HA	1:60:A:LEU:HB3	3	0.16	0.04	0.16
(9,1593)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	3	0.16	0.05	0.13
(9,1593)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	3	0.16	0.05	0.13
(9,1593)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	3	0.16	0.05	0.13
(11,1632)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	3	0.16	0.05	0.13
(11,1632)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	3	0.16	0.05	0.13
(11,1632)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	3	0.16	0.05	0.13
(13,1567)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	3	0.16	0.05	0.13
(13,1567)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	3	0.16	0.05	0.13
(13,1567)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	3	0.16	0.05	0.13
(15,867)	1:57:A:LEU:HA	1:60:A:LEU:HB3	3	0.16	0.04	0.16
(16,877)	1:57:A:LEU:HA	1:60:A:LEU:HB3	3	0.16	0.04	0.16
(16,1772)	1:80:A:TYR:H	1:80:A:TYR:HD1	3	0.16	0.01	0.17
(16,1772)	1:80:A:TYR:H	1:80:A:TYR:HD2	3	0.16	0.01	0.17
(17,848)	1:48:A:ARG:H	1:48:A:ARG:HD2	3	0.16	0.08	0.11
(17,848)	1:48:A:ARG:H	1:48:A:ARG:HD3	3	0.16	0.08	0.11
(17,872)	1:57:A:LEU:HA	1:60:A:LEU:HB3	3	0.16	0.04	0.16
(30,860)	1:57:A:LEU:HA	1:60:A:LEU:HB3	3	0.16	0.04	0.16
(30,1602)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	3	0.16	0.05	0.13
(30,1602)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	3	0.16	0.05	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,1602)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	3	0.16	0.05	0.13
(32,845)	1:57:A:LEU:HA	1:60:A:LEU:HB3	3	0.16	0.04	0.16
(32,1562)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	3	0.16	0.05	0.13
(32,1562)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	3	0.16	0.05	0.13
(32,1562)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	3	0.16	0.05	0.13
(33,873)	1:57:A:LEU:HA	1:60:A:LEU:HB3	3	0.16	0.04	0.16
(33,1456)	1:14:A:VAL:HB	1:15:A:ALA:HB1	3	0.16	0.04	0.19
(33,1456)	1:14:A:VAL:HB	1:15:A:ALA:HB2	3	0.16	0.04	0.19
(33,1456)	1:14:A:VAL:HB	1:15:A:ALA:HB3	3	0.16	0.04	0.19
(33,1589)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	3	0.16	0.05	0.13
(33,1589)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	3	0.16	0.05	0.13
(33,1589)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	3	0.16	0.05	0.13
(34,844)	1:48:A:ARG:H	1:48:A:ARG:HD2	3	0.16	0.08	0.11
(34,844)	1:48:A:ARG:H	1:48:A:ARG:HD3	3	0.16	0.08	0.11
(3,1737)	1:141:A:LYS:HA	1:145:A:PRO:HD3	3	0.16	0.06	0.12
(4,2320)	1:105:A:LYS:HG2	1:106:A:ASP:HA	3	0.16	0.04	0.17
(4,2320)	1:105:A:LYS:HG3	1:106:A:ASP:HA	3	0.16	0.04	0.17
(6,798)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	3	0.16	0.03	0.16
(6,798)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	3	0.16	0.03	0.16
(6,798)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	3	0.16	0.03	0.16
(6,798)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	3	0.16	0.03	0.16
(6,798)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	3	0.16	0.03	0.16
(6,798)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	3	0.16	0.03	0.16
(6,1707)	1:141:A:LYS:HA	1:145:A:PRO:HD3	3	0.16	0.06	0.12
(6,2167)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	3	0.16	0.04	0.17
(6,2167)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	3	0.16	0.04	0.17
(6,2167)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	3	0.16	0.04	0.17
(6,2167)	1:47:A:ALA:HB1	1:57:A:LEU:HD21	3	0.16	0.04	0.17
(6,2167)	1:47:A:ALA:HB1	1:57:A:LEU:HD22	3	0.16	0.04	0.17
(6,2167)	1:47:A:ALA:HB1	1:57:A:LEU:HD23	3	0.16	0.04	0.17
(6,2167)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	3	0.16	0.04	0.17
(6,2167)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	3	0.16	0.04	0.17
(6,2167)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	3	0.16	0.04	0.17
(6,2167)	1:47:A:ALA:HB2	1:57:A:LEU:HD21	3	0.16	0.04	0.17
(6,2167)	1:47:A:ALA:HB2	1:57:A:LEU:HD22	3	0.16	0.04	0.17
(6,2167)	1:47:A:ALA:HB2	1:57:A:LEU:HD23	3	0.16	0.04	0.17
(6,2167)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	3	0.16	0.04	0.17
(6,2167)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	3	0.16	0.04	0.17
(6,2167)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	3	0.16	0.04	0.17
(6,2167)	1:47:A:ALA:HB3	1:57:A:LEU:HD21	3	0.16	0.04	0.17
(6,2167)	1:47:A:ALA:HB3	1:57:A:LEU:HD22	3	0.16	0.04	0.17
(6,2167)	1:47:A:ALA:HB3	1:57:A:LEU:HD23	3	0.16	0.04	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,2310)	1:105:A:LYS:HG2	1:106:A:ASP:HA	3	0.16	0.04	0.17
(15,2310)	1:105:A:LYS:HG3	1:106:A:ASP:HA	3	0.16	0.04	0.17
(17,682)	1:141:A:LYS:H	1:144:A:LEU:H	3	0.16	0.07	0.12
(17,2328)	1:105:A:LYS:HG2	1:106:A:ASP:HA	3	0.16	0.04	0.17
(17,2328)	1:105:A:LYS:HG3	1:106:A:ASP:HA	3	0.16	0.04	0.17
(18,2310)	1:105:A:LYS:HG2	1:106:A:ASP:HA	3	0.16	0.04	0.17
(18,2310)	1:105:A:LYS:HG3	1:106:A:ASP:HA	3	0.16	0.04	0.17
(29,689)	1:141:A:LYS:H	1:144:A:LEU:H	3	0.16	0.07	0.12
(29,2306)	1:105:A:LYS:HG2	1:106:A:ASP:HA	3	0.16	0.04	0.17
(29,2306)	1:105:A:LYS:HG3	1:106:A:ASP:HA	3	0.16	0.04	0.17
(32,2319)	1:105:A:LYS:HG2	1:106:A:ASP:HA	3	0.16	0.04	0.17
(32,2319)	1:105:A:LYS:HG3	1:106:A:ASP:HA	3	0.16	0.04	0.17
(34,566)	1:124:A:THR:H	1:128:A:LEU:HD21	3	0.16	0.06	0.12
(34,566)	1:124:A:THR:H	1:128:A:LEU:HD22	3	0.16	0.06	0.12
(34,566)	1:124:A:THR:H	1:128:A:LEU:HD23	3	0.16	0.06	0.12
(34,1717)	1:141:A:LYS:HA	1:145:A:PRO:HD3	3	0.16	0.06	0.12
(1,1262)	1:23:A:LEU:HA	1:23:A:LEU:HD11	3	0.16	0.03	0.14
(1,1262)	1:23:A:LEU:HA	1:23:A:LEU:HD12	3	0.16	0.03	0.14
(1,1262)	1:23:A:LEU:HA	1:23:A:LEU:HD13	3	0.16	0.03	0.14
(2,1199)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	3	0.16	0.03	0.17
(2,1199)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	3	0.16	0.03	0.17
(2,1199)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	3	0.16	0.03	0.17
(6,1251)	1:23:A:LEU:HA	1:23:A:LEU:HD11	3	0.16	0.03	0.14
(6,1251)	1:23:A:LEU:HA	1:23:A:LEU:HD12	3	0.16	0.03	0.14
(6,1251)	1:23:A:LEU:HA	1:23:A:LEU:HD13	3	0.16	0.03	0.14
(11,69)	1:80:A:TYR:HB3	1:81:A:GLU:H	3	0.16	0.04	0.18
(11,69)	1:80:A:TYR:HB2	1:81:A:GLU:H	3	0.16	0.04	0.18
(15,68)	1:80:A:TYR:HB3	1:81:A:GLU:H	3	0.16	0.04	0.18
(15,68)	1:80:A:TYR:HB2	1:81:A:GLU:H	3	0.16	0.04	0.18
(30,64)	1:80:A:TYR:HB3	1:81:A:GLU:H	3	0.16	0.04	0.18
(30,64)	1:80:A:TYR:HB2	1:81:A:GLU:H	3	0.16	0.04	0.18
(1,2338)	1:116:A:GLN:H	1:117:A:VAL:HG11	3	0.16	0.03	0.18
(1,2338)	1:116:A:GLN:H	1:117:A:VAL:HG12	3	0.16	0.03	0.18
(1,2338)	1:116:A:GLN:H	1:117:A:VAL:HG13	3	0.16	0.03	0.18
(1,2338)	1:116:A:GLN:H	1:117:A:VAL:HG21	3	0.16	0.03	0.18
(1,2338)	1:116:A:GLN:H	1:117:A:VAL:HG22	3	0.16	0.03	0.18
(1,2338)	1:116:A:GLN:H	1:117:A:VAL:HG23	3	0.16	0.03	0.18
(2,25)	1:10:A:ASN:HB3	1:13:A:ALA:H	3	0.16	0.03	0.17
(3,1919)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	3	0.16	0.05	0.15
(3,1919)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	3	0.16	0.05	0.15
(3,1919)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	3	0.16	0.05	0.15
(3,2314)	1:96:A:VAL:HG11	1:97:A:ASP:H	3	0.16	0.07	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,2314)	1:96:A:VAL:HG12	1:97:A:ASP:H	3	0.16	0.07	0.12
(3,2314)	1:96:A:VAL:HG13	1:97:A:ASP:H	3	0.16	0.07	0.12
(3,2314)	1:96:A:VAL:HG21	1:97:A:ASP:H	3	0.16	0.07	0.12
(3,2314)	1:96:A:VAL:HG22	1:97:A:ASP:H	3	0.16	0.07	0.12
(3,2314)	1:96:A:VAL:HG23	1:97:A:ASP:H	3	0.16	0.07	0.12
(5,2284)	1:96:A:VAL:HG11	1:97:A:ASP:H	3	0.16	0.07	0.12
(5,2284)	1:96:A:VAL:HG12	1:97:A:ASP:H	3	0.16	0.07	0.12
(5,2284)	1:96:A:VAL:HG13	1:97:A:ASP:H	3	0.16	0.07	0.12
(5,2284)	1:96:A:VAL:HG21	1:97:A:ASP:H	3	0.16	0.07	0.12
(5,2284)	1:96:A:VAL:HG22	1:97:A:ASP:H	3	0.16	0.07	0.12
(5,2284)	1:96:A:VAL:HG23	1:97:A:ASP:H	3	0.16	0.07	0.12
(6,111)	1:21:A:THR:HB	1:22:A:ASP:H	3	0.16	0.04	0.16
(6,1901)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	3	0.16	0.05	0.15
(6,1901)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	3	0.16	0.05	0.15
(6,1901)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	3	0.16	0.05	0.15
(6,2286)	1:96:A:VAL:HG11	1:97:A:ASP:H	3	0.16	0.07	0.12
(6,2286)	1:96:A:VAL:HG12	1:97:A:ASP:H	3	0.16	0.07	0.12
(6,2286)	1:96:A:VAL:HG13	1:97:A:ASP:H	3	0.16	0.07	0.12
(6,2286)	1:96:A:VAL:HG21	1:97:A:ASP:H	3	0.16	0.07	0.12
(6,2286)	1:96:A:VAL:HG22	1:97:A:ASP:H	3	0.16	0.07	0.12
(6,2286)	1:96:A:VAL:HG23	1:97:A:ASP:H	3	0.16	0.07	0.12
(7,1862)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	3	0.16	0.05	0.15
(7,1862)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	3	0.16	0.05	0.15
(7,1862)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	3	0.16	0.05	0.15
(9,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	3	0.16	0.05	0.15
(9,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	3	0.16	0.05	0.15
(9,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	3	0.16	0.05	0.15
(9,2305)	1:116:A:GLN:H	1:117:A:VAL:HG11	3	0.16	0.03	0.18
(9,2305)	1:116:A:GLN:H	1:117:A:VAL:HG12	3	0.16	0.03	0.18
(9,2305)	1:116:A:GLN:H	1:117:A:VAL:HG13	3	0.16	0.03	0.18
(9,2305)	1:116:A:GLN:H	1:117:A:VAL:HG21	3	0.16	0.03	0.18
(9,2305)	1:116:A:GLN:H	1:117:A:VAL:HG22	3	0.16	0.03	0.18
(9,2305)	1:116:A:GLN:H	1:117:A:VAL:HG23	3	0.16	0.03	0.18
(11,1910)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	3	0.16	0.05	0.15
(11,1910)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	3	0.16	0.05	0.15
(11,1910)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	3	0.16	0.05	0.15
(17,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	3	0.16	0.05	0.15
(17,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	3	0.16	0.05	0.15
(17,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	3	0.16	0.05	0.15
(17,2290)	1:96:A:VAL:HG11	1:97:A:ASP:H	3	0.16	0.07	0.12
(17,2290)	1:96:A:VAL:HG12	1:97:A:ASP:H	3	0.16	0.07	0.12
(17,2290)	1:96:A:VAL:HG13	1:97:A:ASP:H	3	0.16	0.07	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,2290)	1:96:A:VAL:HG21	1:97:A:ASP:H	3	0.16	0.07	0.12
(17,2290)	1:96:A:VAL:HG22	1:97:A:ASP:H	3	0.16	0.07	0.12
(17,2290)	1:96:A:VAL:HG23	1:97:A:ASP:H	3	0.16	0.07	0.12
(18,1879)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	3	0.16	0.05	0.15
(18,1879)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	3	0.16	0.05	0.15
(18,1879)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	3	0.16	0.05	0.15
(18,2190)	1:54:A:ARG:HB2	1:58:A:ILE:HD11	3	0.16	0.03	0.17
(18,2190)	1:54:A:ARG:HB2	1:58:A:ILE:HD12	3	0.16	0.03	0.17
(18,2190)	1:54:A:ARG:HB2	1:58:A:ILE:HD13	3	0.16	0.03	0.17
(18,2190)	1:54:A:ARG:HB3	1:58:A:ILE:HD11	3	0.16	0.03	0.17
(18,2190)	1:54:A:ARG:HB3	1:58:A:ILE:HD12	3	0.16	0.03	0.17
(18,2190)	1:54:A:ARG:HB3	1:58:A:ILE:HD13	3	0.16	0.03	0.17
(29,2341)	1:116:A:GLN:H	1:117:A:VAL:HG11	3	0.16	0.03	0.18
(29,2341)	1:116:A:GLN:H	1:117:A:VAL:HG12	3	0.16	0.03	0.18
(29,2341)	1:116:A:GLN:H	1:117:A:VAL:HG13	3	0.16	0.03	0.18
(29,2341)	1:116:A:GLN:H	1:117:A:VAL:HG21	3	0.16	0.03	0.18
(29,2341)	1:116:A:GLN:H	1:117:A:VAL:HG22	3	0.16	0.03	0.18
(29,2341)	1:116:A:GLN:H	1:117:A:VAL:HG23	3	0.16	0.03	0.18
(30,1892)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	3	0.16	0.05	0.15
(30,1892)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	3	0.16	0.05	0.15
(30,1892)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	3	0.16	0.05	0.15
(30,2293)	1:96:A:VAL:HG11	1:97:A:ASP:H	3	0.16	0.07	0.12
(30,2293)	1:96:A:VAL:HG12	1:97:A:ASP:H	3	0.16	0.07	0.12
(30,2293)	1:96:A:VAL:HG13	1:97:A:ASP:H	3	0.16	0.07	0.12
(30,2293)	1:96:A:VAL:HG21	1:97:A:ASP:H	3	0.16	0.07	0.12
(30,2293)	1:96:A:VAL:HG22	1:97:A:ASP:H	3	0.16	0.07	0.12
(30,2293)	1:96:A:VAL:HG23	1:97:A:ASP:H	3	0.16	0.07	0.12
(32,108)	1:21:A:THR:HB	1:22:A:ASP:H	3	0.16	0.04	0.16
(32,2282)	1:96:A:VAL:HG11	1:97:A:ASP:H	3	0.16	0.07	0.12
(32,2282)	1:96:A:VAL:HG12	1:97:A:ASP:H	3	0.16	0.07	0.12
(32,2282)	1:96:A:VAL:HG13	1:97:A:ASP:H	3	0.16	0.07	0.12
(32,2282)	1:96:A:VAL:HG21	1:97:A:ASP:H	3	0.16	0.07	0.12
(32,2282)	1:96:A:VAL:HG22	1:97:A:ASP:H	3	0.16	0.07	0.12
(32,2282)	1:96:A:VAL:HG23	1:97:A:ASP:H	3	0.16	0.07	0.12
(34,1899)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	3	0.16	0.05	0.15
(34,1899)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	3	0.16	0.05	0.15
(34,1899)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	3	0.16	0.05	0.15
(34,2284)	1:96:A:VAL:HG11	1:97:A:ASP:H	3	0.16	0.07	0.12
(34,2284)	1:96:A:VAL:HG12	1:97:A:ASP:H	3	0.16	0.07	0.12
(34,2284)	1:96:A:VAL:HG13	1:97:A:ASP:H	3	0.16	0.07	0.12
(34,2284)	1:96:A:VAL:HG21	1:97:A:ASP:H	3	0.16	0.07	0.12
(34,2284)	1:96:A:VAL:HG22	1:97:A:ASP:H	3	0.16	0.07	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,2284)	1:96:A:VAL:HG23	1:97:A:ASP:H	3	0.16	0.07	0.12
(9,2072)	1:37:A:LEU:HA	1:39:A:VAL:HG11	3	0.15	0.02	0.16
(9,2072)	1:37:A:LEU:HA	1:39:A:VAL:HG12	3	0.15	0.02	0.16
(9,2072)	1:37:A:LEU:HA	1:39:A:VAL:HG13	3	0.15	0.02	0.16
(9,2072)	1:37:A:LEU:HA	1:39:A:VAL:HG21	3	0.15	0.02	0.16
(9,2072)	1:37:A:LEU:HA	1:39:A:VAL:HG22	3	0.15	0.02	0.16
(9,2072)	1:37:A:LEU:HA	1:39:A:VAL:HG23	3	0.15	0.02	0.16
(2,2470)	1:142:A:LYS:HG2	1:143:A:TRP:HE1	3	0.15	0.02	0.16
(2,2470)	1:142:A:LYS:HG3	1:143:A:TRP:HE1	3	0.15	0.02	0.16
(11,2456)	1:142:A:LYS:HG2	1:143:A:TRP:HE1	3	0.15	0.02	0.16
(11,2456)	1:142:A:LYS:HG3	1:143:A:TRP:HE1	3	0.15	0.02	0.16
(16,2472)	1:142:A:LYS:HG2	1:143:A:TRP:HE1	3	0.15	0.02	0.16
(16,2472)	1:142:A:LYS:HG3	1:143:A:TRP:HE1	3	0.15	0.02	0.16
(29,826)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	3	0.15	0.04	0.15
(29,826)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	3	0.15	0.04	0.15
(29,826)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	3	0.15	0.04	0.15
(30,2463)	1:142:A:LYS:HG2	1:143:A:TRP:HE1	3	0.15	0.02	0.16
(30,2463)	1:142:A:LYS:HG3	1:143:A:TRP:HE1	3	0.15	0.02	0.16
(6,482)	1:79:A:THR:H	1:79:A:THR:HG21	3	0.15	0.03	0.15
(6,482)	1:79:A:THR:H	1:79:A:THR:HG22	3	0.15	0.03	0.15
(6,482)	1:79:A:THR:H	1:79:A:THR:HG23	3	0.15	0.03	0.15
(6,1337)	1:117:A:VAL:HG21	1:118:A:ASP:H	3	0.15	0.04	0.13
(6,1337)	1:117:A:VAL:HG22	1:118:A:ASP:H	3	0.15	0.04	0.13
(6,1337)	1:117:A:VAL:HG23	1:118:A:ASP:H	3	0.15	0.04	0.13
(9,1339)	1:117:A:VAL:HG21	1:118:A:ASP:H	3	0.15	0.04	0.13
(9,1339)	1:117:A:VAL:HG22	1:118:A:ASP:H	3	0.15	0.04	0.13
(9,1339)	1:117:A:VAL:HG23	1:118:A:ASP:H	3	0.15	0.04	0.13
(32,473)	1:79:A:THR:H	1:79:A:THR:HG21	3	0.15	0.03	0.15
(32,473)	1:79:A:THR:H	1:79:A:THR:HG22	3	0.15	0.03	0.15
(32,473)	1:79:A:THR:H	1:79:A:THR:HG23	3	0.15	0.03	0.15
(33,483)	1:79:A:THR:H	1:79:A:THR:HG21	3	0.15	0.03	0.15
(33,483)	1:79:A:THR:H	1:79:A:THR:HG22	3	0.15	0.03	0.15
(33,483)	1:79:A:THR:H	1:79:A:THR:HG23	3	0.15	0.03	0.15
(34,496)	1:79:A:THR:H	1:79:A:THR:HG21	3	0.15	0.03	0.15
(34,496)	1:79:A:THR:H	1:79:A:THR:HG22	3	0.15	0.03	0.15
(34,496)	1:79:A:THR:H	1:79:A:THR:HG23	3	0.15	0.03	0.15
(3,2126)	1:39:A:VAL:H	1:139:A:LEU:HD11	3	0.15	0.02	0.14
(3,2126)	1:39:A:VAL:H	1:139:A:LEU:HD12	3	0.15	0.02	0.14
(3,2126)	1:39:A:VAL:H	1:139:A:LEU:HD13	3	0.15	0.02	0.14
(3,2126)	1:39:A:VAL:H	1:139:A:LEU:HD21	3	0.15	0.02	0.14
(3,2126)	1:39:A:VAL:H	1:139:A:LEU:HD22	3	0.15	0.02	0.14
(3,2126)	1:39:A:VAL:H	1:139:A:LEU:HD23	3	0.15	0.02	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,2114)	1:39:A:VAL:H	1:139:A:LEU:HD11	3	0.15	0.02	0.14
(11,2114)	1:39:A:VAL:H	1:139:A:LEU:HD12	3	0.15	0.02	0.14
(11,2114)	1:39:A:VAL:H	1:139:A:LEU:HD13	3	0.15	0.02	0.14
(11,2114)	1:39:A:VAL:H	1:139:A:LEU:HD21	3	0.15	0.02	0.14
(11,2114)	1:39:A:VAL:H	1:139:A:LEU:HD22	3	0.15	0.02	0.14
(11,2114)	1:39:A:VAL:H	1:139:A:LEU:HD23	3	0.15	0.02	0.14
(13,1246)	1:30:A:LEU:HD11	1:31:A:PRO:HD3	3	0.15	0.04	0.14
(13,1246)	1:30:A:LEU:HD12	1:31:A:PRO:HD3	3	0.15	0.04	0.14
(13,1246)	1:30:A:LEU:HD13	1:31:A:PRO:HD3	3	0.15	0.04	0.14
(17,2000)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	3	0.15	0.04	0.15
(17,2000)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	3	0.15	0.04	0.15
(17,2000)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	3	0.15	0.04	0.15
(17,2000)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	3	0.15	0.04	0.15
(17,2000)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	3	0.15	0.04	0.15
(17,2000)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	3	0.15	0.04	0.15
(17,2000)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	3	0.15	0.04	0.15
(17,2000)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	3	0.15	0.04	0.15
(17,2000)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	3	0.15	0.04	0.15
(17,2000)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	3	0.15	0.04	0.15
(17,2000)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	3	0.15	0.04	0.15
(17,2000)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	3	0.15	0.04	0.15
(17,2000)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	3	0.15	0.04	0.15
(17,2000)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	3	0.15	0.04	0.15
(17,2000)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	3	0.15	0.04	0.15
(17,2000)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	3	0.15	0.04	0.15
(17,2000)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	3	0.15	0.04	0.15
(17,2000)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	3	0.15	0.04	0.15
(1,664)	1:101:A:ILE:H	1:104:A:PHE:HB3	3	0.14	0.03	0.13
(2,1569)	1:115:A:ALA:HB1	1:117:A:VAL:HG21	3	0.14	0.05	0.11
(2,1569)	1:115:A:ALA:HB1	1:117:A:VAL:HG22	3	0.14	0.05	0.11
(2,1569)	1:115:A:ALA:HB1	1:117:A:VAL:HG23	3	0.14	0.05	0.11
(2,1569)	1:115:A:ALA:HB2	1:117:A:VAL:HG21	3	0.14	0.05	0.11
(2,1569)	1:115:A:ALA:HB2	1:117:A:VAL:HG22	3	0.14	0.05	0.11
(2,1569)	1:115:A:ALA:HB2	1:117:A:VAL:HG23	3	0.14	0.05	0.11
(2,1569)	1:115:A:ALA:HB3	1:117:A:VAL:HG21	3	0.14	0.05	0.11
(2,1569)	1:115:A:ALA:HB3	1:117:A:VAL:HG22	3	0.14	0.05	0.11
(2,1569)	1:115:A:ALA:HB3	1:117:A:VAL:HG23	3	0.14	0.05	0.11
(3,663)	1:101:A:ILE:H	1:104:A:PHE:HB3	3	0.14	0.03	0.13
(4,2194)	1:59:A:CYS:HA	1:60:A:LEU:HD11	3	0.14	0.04	0.14
(4,2194)	1:59:A:CYS:HA	1:60:A:LEU:HD12	3	0.14	0.04	0.14
(4,2194)	1:59:A:CYS:HA	1:60:A:LEU:HD13	3	0.14	0.04	0.14
(4,2194)	1:59:A:CYS:HA	1:60:A:LEU:HD21	3	0.14	0.04	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,2194)	1:59:A:CYS:HA	1:60:A:LEU:HD22	3	0.14	0.04	0.14
(4,2194)	1:59:A:CYS:HA	1:60:A:LEU:HD23	3	0.14	0.04	0.14
(6,648)	1:101:A:ILE:H	1:104:A:PHE:HB3	3	0.14	0.03	0.13
(9,651)	1:101:A:ILE:H	1:104:A:PHE:HB3	3	0.14	0.03	0.13
(15,660)	1:101:A:ILE:H	1:104:A:PHE:HB3	3	0.14	0.03	0.13
(16,662)	1:101:A:ILE:H	1:104:A:PHE:HB3	3	0.14	0.03	0.13
(18,669)	1:101:A:ILE:H	1:104:A:PHE:HB3	3	0.14	0.03	0.13
(29,662)	1:101:A:ILE:H	1:104:A:PHE:HB3	3	0.14	0.03	0.13
(33,653)	1:101:A:ILE:H	1:104:A:PHE:HB3	3	0.14	0.03	0.13
(34,664)	1:101:A:ILE:H	1:104:A:PHE:HB3	3	0.14	0.03	0.13
(2,351)	1:104:A:PHE:H	1:106:A:ASP:H	3	0.14	0.02	0.14
(2,1902)	1:71:A:LYS:HA	1:72:A:PHE:HD1	3	0.14	0.02	0.14
(2,1902)	1:71:A:LYS:HA	1:72:A:PHE:HD2	3	0.14	0.02	0.14
(3,1903)	1:71:A:LYS:HA	1:72:A:PHE:HD1	3	0.14	0.02	0.14
(3,1903)	1:71:A:LYS:HA	1:72:A:PHE:HD2	3	0.14	0.02	0.14
(4,341)	1:104:A:PHE:H	1:106:A:ASP:H	3	0.14	0.02	0.14
(4,1853)	1:71:A:LYS:HA	1:72:A:PHE:HD1	3	0.14	0.02	0.14
(4,1853)	1:71:A:LYS:HA	1:72:A:PHE:HD2	3	0.14	0.02	0.14
(5,345)	1:104:A:PHE:H	1:106:A:ASP:H	3	0.14	0.02	0.14
(5,1902)	1:71:A:LYS:HA	1:72:A:PHE:HD1	3	0.14	0.02	0.14
(5,1902)	1:71:A:LYS:HA	1:72:A:PHE:HD2	3	0.14	0.02	0.14
(6,349)	1:104:A:PHE:H	1:106:A:ASP:H	3	0.14	0.02	0.14
(6,1883)	1:71:A:LYS:HA	1:72:A:PHE:HD1	3	0.14	0.02	0.14
(6,1883)	1:71:A:LYS:HA	1:72:A:PHE:HD2	3	0.14	0.02	0.14
(7,351)	1:104:A:PHE:H	1:106:A:ASP:H	3	0.14	0.02	0.14
(7,1846)	1:71:A:LYS:HA	1:72:A:PHE:HD1	3	0.14	0.02	0.14
(7,1846)	1:71:A:LYS:HA	1:72:A:PHE:HD2	3	0.14	0.02	0.14
(9,363)	1:104:A:PHE:H	1:106:A:ASP:H	3	0.14	0.02	0.14
(9,1873)	1:71:A:LYS:HA	1:72:A:PHE:HD1	3	0.14	0.02	0.14
(9,1873)	1:71:A:LYS:HA	1:72:A:PHE:HD2	3	0.14	0.02	0.14
(11,356)	1:104:A:PHE:H	1:106:A:ASP:H	3	0.14	0.02	0.14
(11,1895)	1:71:A:LYS:HA	1:72:A:PHE:HD1	3	0.14	0.02	0.14
(11,1895)	1:71:A:LYS:HA	1:72:A:PHE:HD2	3	0.14	0.02	0.14
(13,349)	1:104:A:PHE:H	1:106:A:ASP:H	3	0.14	0.02	0.14
(13,1834)	1:71:A:LYS:HA	1:72:A:PHE:HD1	3	0.14	0.02	0.14
(13,1834)	1:71:A:LYS:HA	1:72:A:PHE:HD2	3	0.14	0.02	0.14
(15,1858)	1:71:A:LYS:HA	1:72:A:PHE:HD1	3	0.14	0.02	0.14
(15,1858)	1:71:A:LYS:HA	1:72:A:PHE:HD2	3	0.14	0.02	0.14
(16,1862)	1:71:A:LYS:HA	1:72:A:PHE:HD1	3	0.14	0.02	0.14
(16,1862)	1:71:A:LYS:HA	1:72:A:PHE:HD2	3	0.14	0.02	0.14
(17,1893)	1:71:A:LYS:HA	1:72:A:PHE:HD1	3	0.14	0.02	0.14
(17,1893)	1:71:A:LYS:HA	1:72:A:PHE:HD2	3	0.14	0.02	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,362)	1:104:A:PHE:H	1:106:A:ASP:H	3	0.14	0.02	0.14
(18,2039)	1:23:A:LEU:HD11	1:25:A:ALA:H	3	0.14	0.04	0.12
(18,2039)	1:23:A:LEU:HD12	1:25:A:ALA:H	3	0.14	0.04	0.12
(18,2039)	1:23:A:LEU:HD13	1:25:A:ALA:H	3	0.14	0.04	0.12
(18,2039)	1:23:A:LEU:HD21	1:25:A:ALA:H	3	0.14	0.04	0.12
(18,2039)	1:23:A:LEU:HD22	1:25:A:ALA:H	3	0.14	0.04	0.12
(18,2039)	1:23:A:LEU:HD23	1:25:A:ALA:H	3	0.14	0.04	0.12
(30,355)	1:104:A:PHE:H	1:106:A:ASP:H	3	0.14	0.02	0.14
(30,2032)	1:23:A:LEU:HD11	1:25:A:ALA:H	3	0.14	0.04	0.12
(30,2032)	1:23:A:LEU:HD12	1:25:A:ALA:H	3	0.14	0.04	0.12
(30,2032)	1:23:A:LEU:HD13	1:25:A:ALA:H	3	0.14	0.04	0.12
(30,2032)	1:23:A:LEU:HD21	1:25:A:ALA:H	3	0.14	0.04	0.12
(30,2032)	1:23:A:LEU:HD22	1:25:A:ALA:H	3	0.14	0.04	0.12
(30,2032)	1:23:A:LEU:HD23	1:25:A:ALA:H	3	0.14	0.04	0.12
(32,1841)	1:71:A:LYS:HA	1:72:A:PHE:HD1	3	0.14	0.02	0.14
(32,1841)	1:71:A:LYS:HA	1:72:A:PHE:HD2	3	0.14	0.02	0.14
(33,1875)	1:71:A:LYS:HA	1:72:A:PHE:HD1	3	0.14	0.02	0.14
(33,1875)	1:71:A:LYS:HA	1:72:A:PHE:HD2	3	0.14	0.02	0.14
(34,361)	1:104:A:PHE:H	1:106:A:ASP:H	3	0.14	0.02	0.14
(34,1885)	1:71:A:LYS:HA	1:72:A:PHE:HD1	3	0.14	0.02	0.14
(34,1885)	1:71:A:LYS:HA	1:72:A:PHE:HD2	3	0.14	0.02	0.14
(34,2049)	1:23:A:LEU:HD11	1:25:A:ALA:H	3	0.14	0.04	0.12
(34,2049)	1:23:A:LEU:HD12	1:25:A:ALA:H	3	0.14	0.04	0.12
(34,2049)	1:23:A:LEU:HD13	1:25:A:ALA:H	3	0.14	0.04	0.12
(34,2049)	1:23:A:LEU:HD21	1:25:A:ALA:H	3	0.14	0.04	0.12
(34,2049)	1:23:A:LEU:HD22	1:25:A:ALA:H	3	0.14	0.04	0.12
(34,2049)	1:23:A:LEU:HD23	1:25:A:ALA:H	3	0.14	0.04	0.12
(7,1821)	1:9:A:PHE:HD1	1:58:A:ILE:H	3	0.14	0.0	0.14
(7,1821)	1:9:A:PHE:HD2	1:58:A:ILE:H	3	0.14	0.0	0.14
(9,1842)	1:9:A:PHE:HD1	1:58:A:ILE:H	3	0.14	0.0	0.14
(9,1842)	1:9:A:PHE:HD2	1:58:A:ILE:H	3	0.14	0.0	0.14
(11,2464)	1:151:A:PHE:H	1:151:A:PHE:HB2	3	0.14	0.02	0.15
(11,2464)	1:151:A:PHE:H	1:151:A:PHE:HB3	3	0.14	0.02	0.15
(13,1811)	1:9:A:PHE:HD1	1:58:A:ILE:H	3	0.14	0.0	0.14
(13,1811)	1:9:A:PHE:HD2	1:58:A:ILE:H	3	0.14	0.0	0.14
(17,1869)	1:9:A:PHE:HD1	1:58:A:ILE:H	3	0.14	0.0	0.14
(17,1869)	1:9:A:PHE:HD2	1:58:A:ILE:H	3	0.14	0.0	0.14
(18,1840)	1:9:A:PHE:HD1	1:58:A:ILE:H	3	0.14	0.0	0.14
(18,1840)	1:9:A:PHE:HD2	1:58:A:ILE:H	3	0.14	0.0	0.14
(28,3)	1:59:A:CYS:CB	1:120:A:CYS:CB	3	0.14	0.02	0.13
(29,1873)	1:9:A:PHE:HD1	1:58:A:ILE:H	3	0.14	0.0	0.14
(29,1873)	1:9:A:PHE:HD2	1:58:A:ILE:H	3	0.14	0.0	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,1853)	1:9:A:PHE:HD1	1:58:A:ILE:H	3	0.14	0.0	0.14
(30,1853)	1:9:A:PHE:HD2	1:58:A:ILE:H	3	0.14	0.0	0.14
(30,2470)	1:151:A:PHE:H	1:151:A:PHE:HB2	3	0.14	0.02	0.15
(30,2470)	1:151:A:PHE:H	1:151:A:PHE:HB3	3	0.14	0.02	0.15
(33,1850)	1:9:A:PHE:HD1	1:58:A:ILE:H	3	0.14	0.0	0.14
(33,1850)	1:9:A:PHE:HD2	1:58:A:ILE:H	3	0.14	0.0	0.14
(4,2117)	1:40:A:LEU:HA	1:40:A:LEU:HD11	3	0.14	0.03	0.12
(4,2117)	1:40:A:LEU:HA	1:40:A:LEU:HD12	3	0.14	0.03	0.12
(4,2117)	1:40:A:LEU:HA	1:40:A:LEU:HD13	3	0.14	0.03	0.12
(4,2117)	1:40:A:LEU:HA	1:40:A:LEU:HD21	3	0.14	0.03	0.12
(4,2117)	1:40:A:LEU:HA	1:40:A:LEU:HD22	3	0.14	0.03	0.12
(4,2117)	1:40:A:LEU:HA	1:40:A:LEU:HD23	3	0.14	0.03	0.12
(6,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD11	3	0.14	0.03	0.12
(6,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD12	3	0.14	0.03	0.12
(6,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD13	3	0.14	0.03	0.12
(6,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD21	3	0.14	0.03	0.12
(6,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD22	3	0.14	0.03	0.12
(6,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD23	3	0.14	0.03	0.12
(13,2076)	1:40:A:LEU:HA	1:40:A:LEU:HD11	3	0.14	0.03	0.12
(13,2076)	1:40:A:LEU:HA	1:40:A:LEU:HD12	3	0.14	0.03	0.12
(13,2076)	1:40:A:LEU:HA	1:40:A:LEU:HD13	3	0.14	0.03	0.12
(13,2076)	1:40:A:LEU:HA	1:40:A:LEU:HD21	3	0.14	0.03	0.12
(13,2076)	1:40:A:LEU:HA	1:40:A:LEU:HD22	3	0.14	0.03	0.12
(13,2076)	1:40:A:LEU:HA	1:40:A:LEU:HD23	3	0.14	0.03	0.12
(16,2137)	1:40:A:LEU:HA	1:40:A:LEU:HD11	3	0.14	0.03	0.12
(16,2137)	1:40:A:LEU:HA	1:40:A:LEU:HD12	3	0.14	0.03	0.12
(16,2137)	1:40:A:LEU:HA	1:40:A:LEU:HD13	3	0.14	0.03	0.12
(16,2137)	1:40:A:LEU:HA	1:40:A:LEU:HD21	3	0.14	0.03	0.12
(16,2137)	1:40:A:LEU:HA	1:40:A:LEU:HD22	3	0.14	0.03	0.12
(16,2137)	1:40:A:LEU:HA	1:40:A:LEU:HD23	3	0.14	0.03	0.12
(18,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD11	3	0.14	0.03	0.12
(18,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD12	3	0.14	0.03	0.12
(18,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD13	3	0.14	0.03	0.12
(18,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD21	3	0.14	0.03	0.12
(18,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD22	3	0.14	0.03	0.12
(18,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD23	3	0.14	0.03	0.12
(29,2135)	1:40:A:LEU:HA	1:40:A:LEU:HD11	3	0.14	0.03	0.12
(29,2135)	1:40:A:LEU:HA	1:40:A:LEU:HD12	3	0.14	0.03	0.12
(29,2135)	1:40:A:LEU:HA	1:40:A:LEU:HD13	3	0.14	0.03	0.12
(29,2135)	1:40:A:LEU:HA	1:40:A:LEU:HD21	3	0.14	0.03	0.12
(29,2135)	1:40:A:LEU:HA	1:40:A:LEU:HD22	3	0.14	0.03	0.12
(29,2135)	1:40:A:LEU:HA	1:40:A:LEU:HD23	3	0.14	0.03	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,2132)	1:40:A:LEU:HA	1:40:A:LEU:HD11	3	0.14	0.03	0.12
(34,2132)	1:40:A:LEU:HA	1:40:A:LEU:HD12	3	0.14	0.03	0.12
(34,2132)	1:40:A:LEU:HA	1:40:A:LEU:HD13	3	0.14	0.03	0.12
(34,2132)	1:40:A:LEU:HA	1:40:A:LEU:HD21	3	0.14	0.03	0.12
(34,2132)	1:40:A:LEU:HA	1:40:A:LEU:HD22	3	0.14	0.03	0.12
(34,2132)	1:40:A:LEU:HA	1:40:A:LEU:HD23	3	0.14	0.03	0.12
(1,2316)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	3	0.13	0.01	0.13
(1,2316)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	3	0.13	0.01	0.13
(1,2316)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.13	0.01	0.13
(1,2316)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.13	0.01	0.13
(2,2365)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	3	0.13	0.01	0.13
(2,2365)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	3	0.13	0.01	0.13
(2,2365)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.13	0.01	0.13
(2,2365)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.13	0.01	0.13
(3,2376)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	3	0.13	0.01	0.13
(3,2376)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	3	0.13	0.01	0.13
(3,2376)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.13	0.01	0.13
(3,2376)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.13	0.01	0.13
(7,2331)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	3	0.13	0.01	0.13
(7,2331)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	3	0.13	0.01	0.13
(7,2331)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.13	0.01	0.13
(7,2331)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.13	0.01	0.13
(13,2322)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	3	0.13	0.01	0.13
(13,2322)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	3	0.13	0.01	0.13
(13,2322)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.13	0.01	0.13
(13,2322)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.13	0.01	0.13
(15,2334)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	3	0.13	0.01	0.13
(15,2334)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	3	0.13	0.01	0.13
(15,2334)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.13	0.01	0.13
(15,2334)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.13	0.01	0.13
(16,2341)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	3	0.13	0.01	0.13
(16,2341)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	3	0.13	0.01	0.13
(16,2341)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.13	0.01	0.13
(16,2341)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.13	0.01	0.13
(18,1005)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	3	0.13	0.02	0.14
(18,1005)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	3	0.13	0.02	0.14
(18,1005)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	3	0.13	0.02	0.14
(18,1005)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	3	0.13	0.02	0.14
(18,1005)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	3	0.13	0.02	0.14
(18,1005)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	3	0.13	0.02	0.14
(29,2163)	1:47:A:ALA:H	1:57:A:LEU:HD11	3	0.13	0.0	0.13
(29,2163)	1:47:A:ALA:H	1:57:A:LEU:HD12	3	0.13	0.0	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,2163)	1:47:A:ALA:H	1:57:A:LEU:HD13	3	0.13	0.0	0.13
(29,2163)	1:47:A:ALA:H	1:57:A:LEU:HD21	3	0.13	0.0	0.13
(29,2163)	1:47:A:ALA:H	1:57:A:LEU:HD22	3	0.13	0.0	0.13
(29,2163)	1:47:A:ALA:H	1:57:A:LEU:HD23	3	0.13	0.0	0.13
(29,2326)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	3	0.13	0.01	0.13
(29,2326)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	3	0.13	0.01	0.13
(29,2326)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.13	0.01	0.13
(29,2326)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.13	0.01	0.13
(30,2358)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	3	0.13	0.01	0.13
(30,2358)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	3	0.13	0.01	0.13
(30,2358)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.13	0.01	0.13
(30,2358)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.13	0.01	0.13
(32,2337)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	3	0.13	0.01	0.13
(32,2337)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	3	0.13	0.01	0.13
(32,2337)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.13	0.01	0.13
(32,2337)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.13	0.01	0.13
(33,2348)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	3	0.13	0.01	0.13
(33,2348)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	3	0.13	0.01	0.13
(33,2348)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.13	0.01	0.13
(33,2348)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.13	0.01	0.13
(34,309)	1:65:A:CYS:H	1:65:A:CYS:HB3	3	0.13	0.01	0.13
(34,1163)	1:144:A:LEU:HB2	1:144:A:LEU:HD21	3	0.13	0.0	0.13
(34,1163)	1:144:A:LEU:HB2	1:144:A:LEU:HD22	3	0.13	0.0	0.13
(34,1163)	1:144:A:LEU:HB2	1:144:A:LEU:HD23	3	0.13	0.0	0.13
(34,2349)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	3	0.13	0.01	0.13
(34,2349)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	3	0.13	0.01	0.13
(34,2349)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.13	0.01	0.13
(34,2349)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.13	0.01	0.13
(2,169)	1:116:A:GLN:HA	1:120:A:CYS:H	3	0.13	0.02	0.13
(2,809)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	3	0.13	0.02	0.13
(2,809)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	3	0.13	0.02	0.13
(2,809)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	3	0.13	0.02	0.13
(2,809)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	3	0.13	0.02	0.13
(2,809)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	3	0.13	0.02	0.13
(2,809)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	3	0.13	0.02	0.13
(3,827)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	3	0.13	0.02	0.13
(3,827)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	3	0.13	0.02	0.13
(3,827)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	3	0.13	0.02	0.13
(3,827)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	3	0.13	0.02	0.13
(3,827)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	3	0.13	0.02	0.13
(3,827)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	3	0.13	0.02	0.13
(3,1096)	1:103:A:ARG:HB2	1:104:A:PHE:HA	3	0.13	0.02	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,1096)	1:103:A:ARG:HB3	1:104:A:PHE:HA	3	0.13	0.02	0.13
(3,1649)	1:18:A:PHE:HB2	1:19:A:ALA:HB1	3	0.13	0.02	0.13
(3,1649)	1:18:A:PHE:HB2	1:19:A:ALA:HB2	3	0.13	0.02	0.13
(3,1649)	1:18:A:PHE:HB2	1:19:A:ALA:HB3	3	0.13	0.02	0.13
(3,1649)	1:18:A:PHE:HB3	1:19:A:ALA:HB1	3	0.13	0.02	0.13
(3,1649)	1:18:A:PHE:HB3	1:19:A:ALA:HB2	3	0.13	0.02	0.13
(3,1649)	1:18:A:PHE:HB3	1:19:A:ALA:HB3	3	0.13	0.02	0.13
(6,808)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	3	0.13	0.02	0.13
(6,808)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	3	0.13	0.02	0.13
(6,808)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	3	0.13	0.02	0.13
(6,808)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	3	0.13	0.02	0.13
(6,808)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	3	0.13	0.02	0.13
(6,808)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	3	0.13	0.02	0.13
(7,804)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	3	0.13	0.02	0.13
(7,804)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	3	0.13	0.02	0.13
(7,804)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	3	0.13	0.02	0.13
(7,804)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	3	0.13	0.02	0.13
(7,804)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	3	0.13	0.02	0.13
(7,804)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	3	0.13	0.02	0.13
(9,1076)	1:103:A:ARG:HB2	1:104:A:PHE:HA	3	0.13	0.02	0.13
(9,1076)	1:103:A:ARG:HB3	1:104:A:PHE:HA	3	0.13	0.02	0.13
(11,548)	1:59:A:CYS:HB3	1:61:A:SER:H	3	0.13	0.02	0.14
(11,811)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	3	0.13	0.02	0.13
(11,811)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	3	0.13	0.02	0.13
(11,811)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	3	0.13	0.02	0.13
(11,811)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	3	0.13	0.02	0.13
(11,811)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	3	0.13	0.02	0.13
(11,811)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	3	0.13	0.02	0.13
(16,822)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	3	0.13	0.02	0.13
(16,822)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	3	0.13	0.02	0.13
(16,822)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	3	0.13	0.02	0.13
(16,822)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	3	0.13	0.02	0.13
(16,822)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	3	0.13	0.02	0.13
(16,822)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	3	0.13	0.02	0.13
(17,1084)	1:103:A:ARG:HB2	1:104:A:PHE:HA	3	0.13	0.02	0.13
(17,1084)	1:103:A:ARG:HB3	1:104:A:PHE:HA	3	0.13	0.02	0.13
(29,828)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	3	0.13	0.02	0.13
(29,828)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	3	0.13	0.02	0.13
(29,828)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	3	0.13	0.02	0.13
(29,828)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	3	0.13	0.02	0.13
(29,828)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	3	0.13	0.02	0.13
(29,828)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	3	0.13	0.02	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,170)	1:116:A:GLN:HA	1:120:A:CYS:H	3	0.13	0.02	0.13
(33,816)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	3	0.13	0.02	0.13
(33,816)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	3	0.13	0.02	0.13
(33,816)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	3	0.13	0.02	0.13
(33,816)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	3	0.13	0.02	0.13
(33,816)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	3	0.13	0.02	0.13
(33,816)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	3	0.13	0.02	0.13
(34,559)	1:59:A:CYS:HB3	1:61:A:SER:H	3	0.13	0.02	0.14
(34,820)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	3	0.13	0.02	0.13
(34,820)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	3	0.13	0.02	0.13
(34,820)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	3	0.13	0.02	0.13
(34,820)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	3	0.13	0.02	0.13
(34,820)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	3	0.13	0.02	0.13
(34,820)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	3	0.13	0.02	0.13
(2,2322)	1:100:A:ALA:HA	1:119:A:LEU:HD11	3	0.13	0.02	0.12
(2,2322)	1:100:A:ALA:HA	1:119:A:LEU:HD12	3	0.13	0.02	0.12
(2,2322)	1:100:A:ALA:HA	1:119:A:LEU:HD13	3	0.13	0.02	0.12
(2,2322)	1:100:A:ALA:HA	1:119:A:LEU:HD21	3	0.13	0.02	0.12
(2,2322)	1:100:A:ALA:HA	1:119:A:LEU:HD22	3	0.13	0.02	0.12
(2,2322)	1:100:A:ALA:HA	1:119:A:LEU:HD23	3	0.13	0.02	0.12
(5,13)	1:63:A:ILE:HB	1:64:A:LYS:H	3	0.13	0.01	0.13
(30,14)	1:63:A:ILE:HB	1:64:A:LYS:H	3	0.13	0.01	0.13
(32,12)	1:63:A:ILE:HB	1:64:A:LYS:H	3	0.13	0.01	0.13
(32,366)	1:40:A:LEU:HB2	1:41:A:LYS:H	3	0.12	0.02	0.12
(33,629)	1:11:A:ILE:HA	1:15:A:ALA:H	3	0.12	0.03	0.11
(3,1205)	1:107:A:LEU:HD21	1:108:A:GLU:H	3	0.12	0.01	0.11
(3,1205)	1:107:A:LEU:HD22	1:108:A:GLU:H	3	0.12	0.01	0.11
(3,1205)	1:107:A:LEU:HD23	1:108:A:GLU:H	3	0.12	0.01	0.11
(7,1167)	1:107:A:LEU:HD21	1:108:A:GLU:H	3	0.12	0.01	0.11
(7,1167)	1:107:A:LEU:HD22	1:108:A:GLU:H	3	0.12	0.01	0.11
(7,1167)	1:107:A:LEU:HD23	1:108:A:GLU:H	3	0.12	0.01	0.11
(15,1187)	1:107:A:LEU:HD21	1:108:A:GLU:H	3	0.12	0.01	0.11
(15,1187)	1:107:A:LEU:HD22	1:108:A:GLU:H	3	0.12	0.01	0.11
(15,1187)	1:107:A:LEU:HD23	1:108:A:GLU:H	3	0.12	0.01	0.11
(16,1193)	1:107:A:LEU:HD21	1:108:A:GLU:H	3	0.12	0.01	0.11
(16,1193)	1:107:A:LEU:HD22	1:108:A:GLU:H	3	0.12	0.01	0.11
(16,1193)	1:107:A:LEU:HD23	1:108:A:GLU:H	3	0.12	0.01	0.11
(9,737)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	3	0.12	0.02	0.11
(13,725)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	3	0.12	0.02	0.11
(2,770)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(2,770)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(2,770)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	3	0.12	0.01	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,770)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(2,770)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(2,770)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(3,789)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(3,789)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(3,789)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(3,789)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(3,789)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(3,789)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(4,766)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(4,766)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(4,766)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(4,766)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(4,766)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(4,766)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(5,244)	1:110:A:MET:H	1:113:A:PHE:H	3	0.12	0.01	0.12
(5,774)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(5,774)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(5,774)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(5,774)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(5,774)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(5,774)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(6,768)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(6,768)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(6,768)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(6,768)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(6,768)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(6,768)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(7,766)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(7,766)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(7,766)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(7,766)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(7,766)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(7,766)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(11,773)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(11,773)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(11,773)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(11,773)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(11,773)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(11,773)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(13,761)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(13,761)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	3	0.12	0.01	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,761)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(13,761)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(13,761)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(13,761)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(15,782)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(15,782)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(15,782)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(15,782)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(15,782)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(15,782)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(16,783)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(16,783)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(16,783)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(16,783)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(16,783)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(16,783)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(18,789)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(18,789)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(18,789)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(18,789)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(18,789)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(18,789)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(29,791)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(29,791)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(29,791)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(29,791)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(29,791)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(29,791)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(30,770)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(30,770)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(30,770)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(30,770)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(30,770)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(30,770)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(34,782)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(34,782)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(34,782)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(34,782)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(34,782)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	3	0.12	0.01	0.12
(34,782)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	3	0.12	0.01	0.12
(4,216)	1:42:A:GLU:H	1:44:A:GLU:H	3	0.11	0.0	0.11
(7,500)	1:105:A:LYS:H	1:105:A:LYS:HG3	3	0.11	0.01	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,500)	1:105:A:LYS:H	1:105:A:LYS:HG2	3	0.11	0.01	0.1
(18,513)	1:105:A:LYS:H	1:105:A:LYS:HG3	3	0.11	0.01	0.1
(18,513)	1:105:A:LYS:H	1:105:A:LYS:HG2	3	0.11	0.01	0.1
(30,496)	1:105:A:LYS:H	1:105:A:LYS:HG3	3	0.11	0.01	0.1
(30,496)	1:105:A:LYS:H	1:105:A:LYS:HG2	3	0.11	0.01	0.1
(7,1451)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	3	0.1	0.0	0.1
(7,1451)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	3	0.1	0.0	0.1
(7,1451)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	3	0.1	0.0	0.1
(7,1451)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	3	0.1	0.0	0.1
(7,1451)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	3	0.1	0.0	0.1
(7,1451)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	3	0.1	0.0	0.1
(7,100)	1:63:A:ILE:H	1:63:A:ILE:HG21	3	0.1	0.0	0.1
(7,100)	1:63:A:ILE:H	1:63:A:ILE:HG22	3	0.1	0.0	0.1
(7,100)	1:63:A:ILE:H	1:63:A:ILE:HG23	3	0.1	0.0	0.1
(1,271)	1:39:A:VAL:H	1:39:A:VAL:HG11	3	0.1	0.0	0.1
(1,271)	1:39:A:VAL:H	1:39:A:VAL:HG12	3	0.1	0.0	0.1
(1,271)	1:39:A:VAL:H	1:39:A:VAL:HG13	3	0.1	0.0	0.1
(33,1189)	1:119:A:LEU:HB2	1:119:A:LEU:HD21	3	0.1	0.0	0.1
(33,1189)	1:119:A:LEU:HB2	1:119:A:LEU:HD22	3	0.1	0.0	0.1
(33,1189)	1:119:A:LEU:HB2	1:119:A:LEU:HD23	3	0.1	0.0	0.1
(29,2036)	1:17:A:ASN:HB2	1:76:A:ARG:HD2	2	2.68	0.08	2.68
(29,2036)	1:17:A:ASN:HB2	1:76:A:ARG:HD3	2	2.68	0.08	2.68
(29,2036)	1:17:A:ASN:HB3	1:76:A:ARG:HD2	2	2.68	0.08	2.68
(29,2036)	1:17:A:ASN:HB3	1:76:A:ARG:HD3	2	2.68	0.08	2.68
(6,707)	1:44:A:GLU:HG2	1:48:A:ARG:HE	2	2.6	2.17	2.6
(6,707)	1:44:A:GLU:HG3	1:48:A:ARG:HE	2	2.6	2.17	2.6
(11,714)	1:44:A:GLU:HG2	1:48:A:ARG:HE	2	2.55	2.22	2.55
(11,714)	1:44:A:GLU:HG3	1:48:A:ARG:HE	2	2.55	2.22	2.55
(30,709)	1:44:A:GLU:HG2	1:48:A:ARG:HE	2	2.55	2.22	2.55
(30,709)	1:44:A:GLU:HG3	1:48:A:ARG:HE	2	2.55	2.22	2.55
(33,712)	1:44:A:GLU:HG2	1:48:A:ARG:HE	2	2.55	2.22	2.55
(33,712)	1:44:A:GLU:HG3	1:48:A:ARG:HE	2	2.55	2.22	2.55
(17,2028)	1:17:A:ASN:HB2	1:76:A:ARG:HD2	2	2.52	0.08	2.52
(17,2028)	1:17:A:ASN:HB2	1:76:A:ARG:HD3	2	2.52	0.08	2.52
(17,2028)	1:17:A:ASN:HB3	1:76:A:ARG:HD2	2	2.52	0.08	2.52
(17,2028)	1:17:A:ASN:HB3	1:76:A:ARG:HD3	2	2.52	0.08	2.52
(13,1016)	1:60:A:LEU:H	1:63:A:ILE:HG13	2	2.17	0.58	2.17
(4,2007)	1:17:A:ASN:HB2	1:76:A:ARG:HD2	2	2.13	0.09	2.13
(4,2007)	1:17:A:ASN:HB2	1:76:A:ARG:HD3	2	2.13	0.09	2.13
(4,2007)	1:17:A:ASN:HB3	1:76:A:ARG:HD2	2	2.13	0.09	2.13
(4,2007)	1:17:A:ASN:HB3	1:76:A:ARG:HD3	2	2.13	0.09	2.13
(30,925)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	2	2.13	1.72	2.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,925)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	2	2.13	1.72	2.13
(30,925)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	2	2.13	1.72	2.13
(30,925)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	2	2.13	1.72	2.13
(2,1026)	1:60:A:LEU:H	1:63:A:ILE:HG13	2	2.13	0.58	2.13
(9,1027)	1:60:A:LEU:H	1:63:A:ILE:HG13	2	2.13	0.58	2.13
(33,1032)	1:60:A:LEU:H	1:63:A:ILE:HG13	2	2.12	0.58	2.12
(11,1042)	1:60:A:LEU:H	1:63:A:ILE:HG13	2	2.1	0.58	2.1
(15,1036)	1:60:A:LEU:H	1:63:A:ILE:HG13	2	2.09	0.58	2.09
(4,1016)	1:60:A:LEU:H	1:63:A:ILE:HG13	2	2.07	0.58	2.07
(34,1058)	1:60:A:LEU:H	1:63:A:ILE:HG13	2	2.07	0.58	2.07
(2,831)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	2	2.06	0.75	2.06
(2,831)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	2	2.06	0.75	2.06
(2,831)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	2	2.06	0.75	2.06
(2,831)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	2	2.06	0.75	2.06
(2,831)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	2	2.06	0.75	2.06
(2,831)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	2	2.06	0.75	2.06
(4,830)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	2	2.06	0.75	2.06
(4,830)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	2	2.06	0.75	2.06
(4,830)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	2	2.06	0.75	2.06
(4,830)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	2	2.06	0.75	2.06
(4,830)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	2	2.06	0.75	2.06
(4,830)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	2	2.06	0.75	2.06
(7,823)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	2	2.06	0.75	2.06
(7,823)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	2	2.06	0.75	2.06
(7,823)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	2	2.06	0.75	2.06
(7,823)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	2	2.06	0.75	2.06
(7,823)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	2	2.06	0.75	2.06
(7,823)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	2	2.06	0.75	2.06
(9,832)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	2	2.06	0.75	2.06
(9,832)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	2	2.06	0.75	2.06
(9,832)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	2	2.06	0.75	2.06
(9,832)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	2	2.06	0.75	2.06
(9,832)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	2	2.06	0.75	2.06
(9,832)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	2	2.06	0.75	2.06
(13,821)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	2	2.06	0.75	2.06
(13,821)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	2	2.06	0.75	2.06
(13,821)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	2	2.06	0.75	2.06
(13,821)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	2	2.06	0.75	2.06
(13,821)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	2	2.06	0.75	2.06
(13,821)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	2	2.06	0.75	2.06
(15,838)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	2	2.06	0.75	2.06
(15,838)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	2	2.06	0.75	2.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,838)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	2	2.06	0.75	2.06
(15,838)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	2	2.06	0.75	2.06
(15,838)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	2	2.06	0.75	2.06
(15,838)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	2	2.06	0.75	2.06
(30,833)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	2	2.06	0.75	2.06
(30,833)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	2	2.06	0.75	2.06
(30,833)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	2	2.06	0.75	2.06
(30,833)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	2	2.06	0.75	2.06
(30,833)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	2	2.06	0.75	2.06
(30,833)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	2	2.06	0.75	2.06
(34,840)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	2	2.06	0.75	2.06
(34,840)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	2	2.06	0.75	2.06
(34,840)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	2	2.06	0.75	2.06
(34,840)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	2	2.06	0.75	2.06
(34,840)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	2	2.06	0.75	2.06
(34,840)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	2	2.06	0.75	2.06
(5,1040)	1:60:A:LEU:H	1:63:A:ILE:HG13	2	2.03	0.58	2.03
(17,1040)	1:60:A:LEU:H	1:63:A:ILE:HG13	2	2.02	0.58	2.02
(1,243)	1:108:A:GLU:H	1:112:A:GLN:HG2	2	2.02	0.17	2.02
(1,243)	1:108:A:GLU:H	1:112:A:GLN:HG3	2	2.02	0.17	2.02
(2,231)	1:108:A:GLU:H	1:112:A:GLN:HG2	2	2.02	0.17	2.02
(2,231)	1:108:A:GLU:H	1:112:A:GLN:HG3	2	2.02	0.17	2.02
(3,234)	1:108:A:GLU:H	1:112:A:GLN:HG2	2	2.02	0.17	2.02
(3,234)	1:108:A:GLU:H	1:112:A:GLN:HG3	2	2.02	0.17	2.02
(4,229)	1:108:A:GLU:H	1:112:A:GLN:HG2	2	2.02	0.17	2.02
(4,229)	1:108:A:GLU:H	1:112:A:GLN:HG3	2	2.02	0.17	2.02
(6,234)	1:108:A:GLU:H	1:112:A:GLN:HG2	2	2.02	0.17	2.02
(6,234)	1:108:A:GLU:H	1:112:A:GLN:HG3	2	2.02	0.17	2.02
(7,236)	1:108:A:GLU:H	1:112:A:GLN:HG2	2	2.02	0.17	2.02
(7,236)	1:108:A:GLU:H	1:112:A:GLN:HG3	2	2.02	0.17	2.02
(9,238)	1:108:A:GLU:H	1:112:A:GLN:HG2	2	2.02	0.17	2.02
(9,238)	1:108:A:GLU:H	1:112:A:GLN:HG3	2	2.02	0.17	2.02
(11,230)	1:108:A:GLU:H	1:112:A:GLN:HG2	2	2.02	0.17	2.02
(11,230)	1:108:A:GLU:H	1:112:A:GLN:HG3	2	2.02	0.17	2.02
(13,233)	1:108:A:GLU:H	1:112:A:GLN:HG2	2	2.02	0.17	2.02
(13,233)	1:108:A:GLU:H	1:112:A:GLN:HG3	2	2.02	0.17	2.02
(15,240)	1:108:A:GLU:H	1:112:A:GLN:HG2	2	2.02	0.17	2.02
(15,240)	1:108:A:GLU:H	1:112:A:GLN:HG3	2	2.02	0.17	2.02
(16,238)	1:108:A:GLU:H	1:112:A:GLN:HG2	2	2.02	0.17	2.02
(16,238)	1:108:A:GLU:H	1:112:A:GLN:HG3	2	2.02	0.17	2.02
(17,231)	1:108:A:GLU:H	1:112:A:GLN:HG2	2	2.02	0.17	2.02
(17,231)	1:108:A:GLU:H	1:112:A:GLN:HG3	2	2.02	0.17	2.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,236)	1:108:A:GLU:H	1:112:A:GLN:HG2	2	2.02	0.17	2.02
(29,236)	1:108:A:GLU:H	1:112:A:GLN:HG3	2	2.02	0.17	2.02
(30,236)	1:108:A:GLU:H	1:112:A:GLN:HG2	2	2.02	0.17	2.02
(30,236)	1:108:A:GLU:H	1:112:A:GLN:HG3	2	2.02	0.17	2.02
(32,225)	1:108:A:GLU:H	1:112:A:GLN:HG2	2	2.02	0.17	2.02
(32,225)	1:108:A:GLU:H	1:112:A:GLN:HG3	2	2.02	0.17	2.02
(33,232)	1:108:A:GLU:H	1:112:A:GLN:HG2	2	2.02	0.17	2.02
(33,232)	1:108:A:GLU:H	1:112:A:GLN:HG3	2	2.02	0.17	2.02
(34,240)	1:108:A:GLU:H	1:112:A:GLN:HG2	2	2.02	0.17	2.02
(34,240)	1:108:A:GLU:H	1:112:A:GLN:HG3	2	2.02	0.17	2.02
(15,928)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	2	2.0	1.74	2.0
(15,928)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	2	2.0	1.74	2.0
(15,928)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	2	2.0	1.74	2.0
(15,928)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	2	2.0	1.74	2.0
(6,1015)	1:60:A:LEU:H	1:63:A:ILE:HG13	2	1.97	0.58	1.97
(18,843)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	2	1.96	0.75	1.96
(18,843)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	2	1.96	0.75	1.96
(18,843)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	2	1.96	0.75	1.96
(18,843)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	2	1.96	0.75	1.96
(18,843)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	2	1.96	0.75	1.96
(18,843)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	2	1.96	0.75	1.96
(34,2055)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	2	1.95	1.19	1.95
(34,2055)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	2	1.95	1.19	1.95
(34,2055)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	2	1.95	1.19	1.95
(34,2055)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	2	1.95	1.19	1.95
(34,2055)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	2	1.95	1.19	1.95
(34,2055)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	2	1.95	1.19	1.95
(34,2055)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	2	1.95	1.19	1.95
(34,2055)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	2	1.95	1.19	1.95
(34,2055)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	2	1.95	1.19	1.95
(34,2055)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	2	1.95	1.19	1.95
(34,2055)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	2	1.95	1.19	1.95
(34,2055)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	2	1.95	1.19	1.95
(3,1050)	1:60:A:LEU:H	1:63:A:ILE:HG13	2	1.92	0.58	1.92
(2,1552)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	2	1.89	1.46	1.89
(2,1552)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	2	1.89	1.46	1.89
(2,1552)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	2	1.89	1.46	1.89
(2,1552)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	2	1.89	1.46	1.89
(2,1552)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	2	1.89	1.46	1.89
(2,1552)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	2	1.89	1.46	1.89
(4,1533)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	2	1.89	1.46	1.89
(4,1533)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	2	1.89	1.46	1.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1533)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	2	1.89	1.46	1.89
(4,1533)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	2	1.89	1.46	1.89
(4,1533)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	2	1.89	1.46	1.89
(4,1533)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	2	1.89	1.46	1.89
(6,1549)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	2	1.89	1.46	1.89
(6,1549)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	2	1.89	1.46	1.89
(6,1549)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	2	1.89	1.46	1.89
(6,1549)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	2	1.89	1.46	1.89
(6,1549)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	2	1.89	1.46	1.89
(6,1549)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	2	1.89	1.46	1.89
(11,1570)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	2	1.89	1.46	1.89
(11,1570)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	2	1.89	1.46	1.89
(11,1570)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	2	1.89	1.46	1.89
(11,1570)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	2	1.89	1.46	1.89
(11,1570)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	2	1.89	1.46	1.89
(11,1570)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	2	1.89	1.46	1.89
(13,1518)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	2	1.89	1.46	1.89
(13,1518)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	2	1.89	1.46	1.89
(13,1518)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	2	1.89	1.46	1.89
(13,1518)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	2	1.89	1.46	1.89
(13,1518)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	2	1.89	1.46	1.89
(13,1518)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	2	1.89	1.46	1.89
(30,1546)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	2	1.89	1.46	1.89
(30,1546)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	2	1.89	1.46	1.89
(30,1546)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	2	1.89	1.46	1.89
(30,1546)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	2	1.89	1.46	1.89
(30,1546)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	2	1.89	1.46	1.89
(30,1546)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	2	1.89	1.46	1.89
(34,1564)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	2	1.89	1.46	1.89
(34,1564)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	2	1.89	1.46	1.89
(34,1564)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	2	1.89	1.46	1.89
(34,1564)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	2	1.89	1.46	1.89
(34,1564)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	2	1.89	1.46	1.89
(34,1564)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	2	1.89	1.46	1.89
(7,2010)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	2	1.87	1.19	1.87
(7,2010)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	2	1.87	1.19	1.87
(7,2010)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	2	1.87	1.19	1.87
(7,2010)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	2	1.87	1.19	1.87
(7,2010)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	2	1.87	1.19	1.87
(7,2010)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	2	1.87	1.19	1.87
(7,2010)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	2	1.87	1.19	1.87
(7,2010)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	2	1.87	1.19	1.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,2010)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	2	1.87	1.19	1.87
(7,2010)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	2	1.87	1.19	1.87
(7,2010)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	2	1.87	1.19	1.87
(7,2010)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	2	1.87	1.19	1.87
(18,2044)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	2	1.87	1.19	1.87
(18,2044)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	2	1.87	1.19	1.87
(18,2044)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	2	1.87	1.19	1.87
(18,2044)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	2	1.87	1.19	1.87
(18,2044)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	2	1.87	1.19	1.87
(18,2044)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	2	1.87	1.19	1.87
(18,2044)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	2	1.87	1.19	1.87
(18,2044)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	2	1.87	1.19	1.87
(18,2044)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	2	1.87	1.19	1.87
(18,2044)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	2	1.87	1.19	1.87
(18,2044)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	2	1.87	1.19	1.87
(18,2044)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	2	1.87	1.19	1.87
(1,1141)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	2	1.82	1.46	1.82
(1,1141)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	2	1.82	1.46	1.82
(1,1141)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	2	1.82	1.46	1.82
(1,1141)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	2	1.82	1.46	1.82
(1,1141)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	2	1.82	1.46	1.82
(1,1141)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	2	1.82	1.46	1.82
(5,1145)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	2	1.82	1.46	1.82
(5,1145)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	2	1.82	1.46	1.82
(5,1145)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	2	1.82	1.46	1.82
(5,1145)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	2	1.82	1.46	1.82
(5,1145)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	2	1.82	1.46	1.82
(5,1145)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	2	1.82	1.46	1.82
(18,1141)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	2	1.82	1.46	1.82
(18,1141)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	2	1.82	1.46	1.82
(18,1141)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	2	1.82	1.46	1.82
(18,1141)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	2	1.82	1.46	1.82
(18,1141)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	2	1.82	1.46	1.82
(18,1141)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	2	1.82	1.46	1.82
(33,1133)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	2	1.82	1.46	1.82
(33,1133)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	2	1.82	1.46	1.82
(33,1133)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	2	1.82	1.46	1.82
(33,1133)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	2	1.82	1.46	1.82
(33,1133)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	2	1.82	1.46	1.82
(33,1133)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	2	1.82	1.46	1.82
(2,380)	1:62:A:HIS:H	1:63:A:ILE:HG13	2	1.8	0.39	1.8
(5,376)	1:62:A:HIS:H	1:63:A:ILE:HG13	2	1.8	0.39	1.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,381)	1:62:A:HIS:H	1:63:A:ILE:HG13	2	1.8	0.39	1.8
(9,392)	1:62:A:HIS:H	1:63:A:ILE:HG13	2	1.8	0.39	1.8
(11,388)	1:62:A:HIS:H	1:63:A:ILE:HG13	2	1.8	0.39	1.8
(13,379)	1:62:A:HIS:H	1:63:A:ILE:HG13	2	1.8	0.39	1.8
(15,386)	1:62:A:HIS:H	1:63:A:ILE:HG13	2	1.8	0.39	1.8
(18,393)	1:62:A:HIS:H	1:63:A:ILE:HG13	2	1.8	0.39	1.8
(30,385)	1:62:A:HIS:H	1:63:A:ILE:HG13	2	1.8	0.39	1.8
(33,384)	1:62:A:HIS:H	1:63:A:ILE:HG13	2	1.8	0.39	1.8
(34,390)	1:62:A:HIS:H	1:63:A:ILE:HG13	2	1.8	0.39	1.8
(29,1521)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	2	1.78	0.31	1.78
(29,1521)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	2	1.78	0.31	1.78
(29,1521)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	2	1.78	0.31	1.78
(9,2027)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	2	1.76	1.19	1.76
(9,2027)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	2	1.76	1.19	1.76
(9,2027)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	2	1.76	1.19	1.76
(9,2027)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	2	1.76	1.19	1.76
(9,2027)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	2	1.76	1.19	1.76
(9,2027)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	2	1.76	1.19	1.76
(9,2027)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	2	1.76	1.19	1.76
(9,2027)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	2	1.76	1.19	1.76
(9,2027)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	2	1.76	1.19	1.76
(9,2027)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	2	1.76	1.19	1.76
(9,2027)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	2	1.76	1.19	1.76
(9,2027)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	2	1.76	1.19	1.76
(4,1808)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	2	1.76	0.12	1.76
(5,1855)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	2	1.76	0.12	1.76
(11,1857)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	2	1.76	0.12	1.76
(30,1507)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	2	1.76	0.31	1.76
(30,1507)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	2	1.76	0.31	1.76
(30,1507)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	2	1.76	0.31	1.76
(30,1831)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	2	1.76	0.12	1.76
(29,1046)	1:60:A:LEU:H	1:63:A:ILE:HG13	2	1.75	0.58	1.75
(30,1021)	1:60:A:LEU:H	1:63:A:ILE:HG13	2	1.75	0.58	1.75
(1,1043)	1:60:A:LEU:H	1:63:A:ILE:HG13	2	1.69	0.58	1.69
(18,1046)	1:60:A:LEU:H	1:63:A:ILE:HG13	2	1.69	0.58	1.69
(29,385)	1:62:A:HIS:H	1:63:A:ILE:HG13	2	1.69	0.39	1.69
(7,1112)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	2	1.61	1.46	1.61
(7,1112)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	2	1.61	1.46	1.61
(7,1112)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	2	1.61	1.46	1.61
(7,1112)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	2	1.61	1.46	1.61
(7,1112)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	2	1.61	1.46	1.61
(7,1112)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	2	1.61	1.46	1.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1520)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	2	1.59	0.31	1.59
(1,1520)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	2	1.59	0.31	1.59
(1,1520)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	2	1.59	0.31	1.59
(2,1915)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	2	1.53	0.12	1.53
(7,1860)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	2	1.53	0.12	1.53
(15,1871)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	2	1.53	0.12	1.53
(33,1888)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	2	1.53	0.12	1.53
(29,944)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	2	1.5	0.24	1.5
(29,944)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	2	1.5	0.24	1.5
(29,944)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	2	1.5	0.24	1.5
(29,944)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	2	1.5	0.24	1.5
(29,944)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	2	1.5	0.24	1.5
(29,944)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	2	1.5	0.24	1.5
(18,2282)	1:96:A:VAL:HG11	1:116:A:GLN:HG2	2	1.48	0.2	1.48
(18,2282)	1:96:A:VAL:HG12	1:116:A:GLN:HG2	2	1.48	0.2	1.48
(18,2282)	1:96:A:VAL:HG13	1:116:A:GLN:HG2	2	1.48	0.2	1.48
(18,2282)	1:96:A:VAL:HG21	1:116:A:GLN:HG2	2	1.48	0.2	1.48
(18,2282)	1:96:A:VAL:HG22	1:116:A:GLN:HG2	2	1.48	0.2	1.48
(18,2282)	1:96:A:VAL:HG23	1:116:A:GLN:HG2	2	1.48	0.2	1.48
(18,2282)	1:96:A:VAL:HG11	1:116:A:GLN:HG3	2	1.48	0.2	1.48
(18,2282)	1:96:A:VAL:HG12	1:116:A:GLN:HG3	2	1.48	0.2	1.48
(18,2282)	1:96:A:VAL:HG13	1:116:A:GLN:HG3	2	1.48	0.2	1.48
(18,2282)	1:96:A:VAL:HG21	1:116:A:GLN:HG3	2	1.48	0.2	1.48
(18,2282)	1:96:A:VAL:HG22	1:116:A:GLN:HG3	2	1.48	0.2	1.48
(18,2282)	1:96:A:VAL:HG23	1:116:A:GLN:HG3	2	1.48	0.2	1.48
(9,934)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	2	1.46	0.24	1.46
(9,934)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	2	1.46	0.24	1.46
(9,934)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	2	1.46	0.24	1.46
(9,934)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	2	1.46	0.24	1.46
(9,934)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	2	1.46	0.24	1.46
(9,934)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	2	1.46	0.24	1.46
(9,2123)	1:43:A:MET:HB3	1:134:A:VAL:HG11	2	1.46	0.17	1.46
(9,2123)	1:43:A:MET:HB3	1:134:A:VAL:HG12	2	1.46	0.17	1.46
(9,2123)	1:43:A:MET:HB3	1:134:A:VAL:HG13	2	1.46	0.17	1.46
(9,2123)	1:43:A:MET:HB3	1:134:A:VAL:HG21	2	1.46	0.17	1.46
(9,2123)	1:43:A:MET:HB3	1:134:A:VAL:HG22	2	1.46	0.17	1.46
(9,2123)	1:43:A:MET:HB3	1:134:A:VAL:HG23	2	1.46	0.17	1.46
(1,1902)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	2	1.44	0.23	1.44
(1,1902)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	2	1.44	0.23	1.44
(3,1915)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	2	1.44	0.23	1.44
(3,1915)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	2	1.44	0.23	1.44
(4,1863)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	2	1.44	0.23	1.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1863)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	2	1.44	0.23	1.44
(5,1911)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	2	1.44	0.23	1.44
(5,1911)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	2	1.44	0.23	1.44
(6,1897)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	2	1.44	0.23	1.44
(6,1897)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	2	1.44	0.23	1.44
(9,1886)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	2	1.44	0.23	1.44
(9,1886)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	2	1.44	0.23	1.44
(11,1906)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	2	1.44	0.23	1.44
(11,1906)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	2	1.44	0.23	1.44
(17,1904)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	2	1.44	0.23	1.44
(17,1904)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	2	1.44	0.23	1.44
(18,1875)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	2	1.44	0.23	1.44
(18,1875)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	2	1.44	0.23	1.44
(29,1905)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	2	1.44	0.23	1.44
(29,1905)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	2	1.44	0.23	1.44
(30,1888)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	2	1.44	0.23	1.44
(30,1888)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	2	1.44	0.23	1.44
(34,1895)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	2	1.44	0.23	1.44
(34,1895)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	2	1.44	0.23	1.44
(1,2268)	1:96:A:VAL:HG11	1:116:A:GLN:HG2	2	1.42	0.21	1.42
(1,2268)	1:96:A:VAL:HG12	1:116:A:GLN:HG2	2	1.42	0.21	1.42
(1,2268)	1:96:A:VAL:HG13	1:116:A:GLN:HG2	2	1.42	0.21	1.42
(1,2268)	1:96:A:VAL:HG21	1:116:A:GLN:HG2	2	1.42	0.21	1.42
(1,2268)	1:96:A:VAL:HG22	1:116:A:GLN:HG2	2	1.42	0.21	1.42
(1,2268)	1:96:A:VAL:HG23	1:116:A:GLN:HG2	2	1.42	0.21	1.42
(2,2317)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	2	1.41	0.23	1.41
(2,2317)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	2	1.41	0.23	1.41
(2,2317)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	2	1.41	0.23	1.41
(2,2317)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	2	1.41	0.23	1.41
(2,2317)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	2	1.41	0.23	1.41
(2,2317)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	2	1.41	0.23	1.41
(7,2274)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	2	1.41	0.23	1.41
(7,2274)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	2	1.41	0.23	1.41
(7,2274)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	2	1.41	0.23	1.41
(7,2274)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	2	1.41	0.23	1.41
(7,2274)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	2	1.41	0.23	1.41
(7,2274)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	2	1.41	0.23	1.41
(33,2307)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	2	1.41	0.23	1.41
(33,2307)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	2	1.41	0.23	1.41
(33,2307)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	2	1.41	0.23	1.41
(33,2307)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	2	1.41	0.23	1.41
(33,2307)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	2	1.41	0.23	1.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,2307)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	2	1.41	0.23	1.41
(2,1565)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	2	1.38	0.05	1.38
(2,1565)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	2	1.38	0.05	1.38
(2,1565)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	2	1.38	0.05	1.38
(2,1565)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	2	1.38	0.05	1.38
(2,1565)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	2	1.38	0.05	1.38
(2,1565)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	2	1.38	0.05	1.38
(30,1553)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	2	1.38	0.05	1.38
(30,1553)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	2	1.38	0.05	1.38
(30,1553)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	2	1.38	0.05	1.38
(30,1553)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	2	1.38	0.05	1.38
(30,1553)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	2	1.38	0.05	1.38
(30,1553)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	2	1.38	0.05	1.38
(1,1265)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	2	1.34	0.01	1.34
(1,1265)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	2	1.34	0.01	1.34
(1,1265)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	2	1.34	0.01	1.34
(1,1265)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	2	1.34	0.01	1.34
(1,1265)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	2	1.34	0.01	1.34
(1,1265)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	2	1.34	0.01	1.34
(29,1273)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	2	1.34	0.01	1.34
(29,1273)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	2	1.34	0.01	1.34
(29,1273)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	2	1.34	0.01	1.34
(29,1273)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	2	1.34	0.01	1.34
(29,1273)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	2	1.34	0.01	1.34
(29,1273)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	2	1.34	0.01	1.34
(5,1904)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	2	1.34	0.05	1.34
(5,1904)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	2	1.34	0.05	1.34
(5,1904)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	2	1.34	0.05	1.34
(5,1904)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	2	1.34	0.05	1.34
(5,1904)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	2	1.34	0.05	1.34
(5,1904)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	2	1.34	0.05	1.34
(1,830)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(1,830)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(1,830)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(2,815)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(2,815)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(2,815)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(3,831)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(3,831)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(3,831)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(4,813)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(4,813)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	2	1.32	0.26	1.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,813)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(6,812)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(6,812)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(6,812)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(7,809)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(7,809)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(7,809)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(11,815)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(11,815)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(11,815)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(17,827)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(17,827)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(17,827)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(18,829)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(18,829)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(18,829)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(33,822)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(33,822)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(33,822)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(34,824)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(34,824)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(34,824)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	2	1.32	0.26	1.32
(18,1791)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	2	1.31	0.19	1.31
(18,1791)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	2	1.31	0.19	1.31
(2,1572)	1:117:A:VAL:HG11	1:118:A:ASP:HA	2	1.3	0.0	1.3
(2,1572)	1:117:A:VAL:HG12	1:118:A:ASP:HA	2	1.3	0.0	1.3
(2,1572)	1:117:A:VAL:HG13	1:118:A:ASP:HA	2	1.3	0.0	1.3
(11,1588)	1:117:A:VAL:HG11	1:118:A:ASP:HA	2	1.3	0.0	1.3
(11,1588)	1:117:A:VAL:HG12	1:118:A:ASP:HA	2	1.3	0.0	1.3
(11,1588)	1:117:A:VAL:HG13	1:118:A:ASP:HA	2	1.3	0.0	1.3
(30,1561)	1:117:A:VAL:HG11	1:118:A:ASP:HA	2	1.3	0.0	1.3
(30,1561)	1:117:A:VAL:HG12	1:118:A:ASP:HA	2	1.3	0.0	1.3
(30,1561)	1:117:A:VAL:HG13	1:118:A:ASP:HA	2	1.3	0.0	1.3
(9,1554)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	2	1.3	0.06	1.3
(9,1554)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	2	1.3	0.06	1.3
(9,1554)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	2	1.3	0.06	1.3
(9,1554)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	2	1.3	0.06	1.3
(9,1554)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	2	1.3	0.06	1.3
(9,1554)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	2	1.3	0.06	1.3
(13,1533)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	2	1.3	0.06	1.3
(13,1533)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	2	1.3	0.06	1.3
(13,1533)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	2	1.3	0.06	1.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1533)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	2	1.3	0.06	1.3
(13,1533)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	2	1.3	0.06	1.3
(13,1533)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	2	1.3	0.06	1.3
(18,1544)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	2	1.3	0.06	1.3
(18,1544)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	2	1.3	0.06	1.3
(18,1544)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	2	1.3	0.06	1.3
(18,1544)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	2	1.3	0.06	1.3
(18,1544)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	2	1.3	0.06	1.3
(18,1544)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	2	1.3	0.06	1.3
(34,1578)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	2	1.3	0.06	1.3
(34,1578)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	2	1.3	0.06	1.3
(34,1578)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	2	1.3	0.06	1.3
(34,1578)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	2	1.3	0.06	1.3
(34,1578)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	2	1.3	0.06	1.3
(34,1578)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	2	1.3	0.06	1.3
(1,1355)	1:13:A:ALA:H	1:79:A:THR:HG21	2	1.28	1.0	1.28
(1,1355)	1:13:A:ALA:H	1:79:A:THR:HG22	2	1.28	1.0	1.28
(1,1355)	1:13:A:ALA:H	1:79:A:THR:HG23	2	1.28	1.0	1.28
(2,1357)	1:13:A:ALA:H	1:79:A:THR:HG21	2	1.28	1.0	1.28
(2,1357)	1:13:A:ALA:H	1:79:A:THR:HG22	2	1.28	1.0	1.28
(2,1357)	1:13:A:ALA:H	1:79:A:THR:HG23	2	1.28	1.0	1.28
(4,1336)	1:13:A:ALA:H	1:79:A:THR:HG21	2	1.28	1.0	1.28
(4,1336)	1:13:A:ALA:H	1:79:A:THR:HG22	2	1.28	1.0	1.28
(4,1336)	1:13:A:ALA:H	1:79:A:THR:HG23	2	1.28	1.0	1.28
(6,1350)	1:13:A:ALA:H	1:79:A:THR:HG21	2	1.28	1.0	1.28
(6,1350)	1:13:A:ALA:H	1:79:A:THR:HG22	2	1.28	1.0	1.28
(6,1350)	1:13:A:ALA:H	1:79:A:THR:HG23	2	1.28	1.0	1.28
(9,1347)	1:13:A:ALA:H	1:79:A:THR:HG21	2	1.28	1.0	1.28
(9,1347)	1:13:A:ALA:H	1:79:A:THR:HG22	2	1.28	1.0	1.28
(9,1347)	1:13:A:ALA:H	1:79:A:THR:HG23	2	1.28	1.0	1.28
(13,1326)	1:13:A:ALA:H	1:79:A:THR:HG21	2	1.28	1.0	1.28
(13,1326)	1:13:A:ALA:H	1:79:A:THR:HG22	2	1.28	1.0	1.28
(13,1326)	1:13:A:ALA:H	1:79:A:THR:HG23	2	1.28	1.0	1.28
(15,1352)	1:13:A:ALA:H	1:79:A:THR:HG21	2	1.28	1.0	1.28
(15,1352)	1:13:A:ALA:H	1:79:A:THR:HG22	2	1.28	1.0	1.28
(15,1352)	1:13:A:ALA:H	1:79:A:THR:HG23	2	1.28	1.0	1.28
(16,1356)	1:13:A:ALA:H	1:79:A:THR:HG21	2	1.28	1.0	1.28
(16,1356)	1:13:A:ALA:H	1:79:A:THR:HG22	2	1.28	1.0	1.28
(16,1356)	1:13:A:ALA:H	1:79:A:THR:HG23	2	1.28	1.0	1.28
(18,1345)	1:13:A:ALA:H	1:79:A:THR:HG21	2	1.28	1.0	1.28
(18,1345)	1:13:A:ALA:H	1:79:A:THR:HG22	2	1.28	1.0	1.28
(18,1345)	1:13:A:ALA:H	1:79:A:THR:HG23	2	1.28	1.0	1.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,1359)	1:13:A:ALA:H	1:79:A:THR:HG21	2	1.28	1.0	1.28
(29,1359)	1:13:A:ALA:H	1:79:A:THR:HG22	2	1.28	1.0	1.28
(29,1359)	1:13:A:ALA:H	1:79:A:THR:HG23	2	1.28	1.0	1.28
(30,1350)	1:13:A:ALA:H	1:79:A:THR:HG21	2	1.28	1.0	1.28
(30,1350)	1:13:A:ALA:H	1:79:A:THR:HG22	2	1.28	1.0	1.28
(30,1350)	1:13:A:ALA:H	1:79:A:THR:HG23	2	1.28	1.0	1.28
(32,1321)	1:13:A:ALA:H	1:79:A:THR:HG21	2	1.28	1.0	1.28
(32,1321)	1:13:A:ALA:H	1:79:A:THR:HG22	2	1.28	1.0	1.28
(32,1321)	1:13:A:ALA:H	1:79:A:THR:HG23	2	1.28	1.0	1.28
(34,1372)	1:13:A:ALA:H	1:79:A:THR:HG21	2	1.28	1.0	1.28
(34,1372)	1:13:A:ALA:H	1:79:A:THR:HG22	2	1.28	1.0	1.28
(34,1372)	1:13:A:ALA:H	1:79:A:THR:HG23	2	1.28	1.0	1.28
(29,832)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	2	1.28	0.26	1.28
(29,832)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	2	1.28	0.26	1.28
(29,832)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	2	1.28	0.26	1.28
(1,719)	1:45:A:ALA:HB1	1:48:A:ARG:HE	2	1.28	1.02	1.28
(1,719)	1:45:A:ALA:HB2	1:48:A:ARG:HE	2	1.28	1.02	1.28
(1,719)	1:45:A:ALA:HB3	1:48:A:ARG:HE	2	1.28	1.02	1.28
(3,719)	1:45:A:ALA:HB1	1:48:A:ARG:HE	2	1.28	1.02	1.28
(3,719)	1:45:A:ALA:HB2	1:48:A:ARG:HE	2	1.28	1.02	1.28
(3,719)	1:45:A:ALA:HB3	1:48:A:ARG:HE	2	1.28	1.02	1.28
(6,706)	1:45:A:ALA:HB1	1:48:A:ARG:HE	2	1.28	1.02	1.28
(6,706)	1:45:A:ALA:HB2	1:48:A:ARG:HE	2	1.28	1.02	1.28
(6,706)	1:45:A:ALA:HB3	1:48:A:ARG:HE	2	1.28	1.02	1.28
(9,706)	1:45:A:ALA:HB1	1:48:A:ARG:HE	2	1.28	1.02	1.28
(9,706)	1:45:A:ALA:HB2	1:48:A:ARG:HE	2	1.28	1.02	1.28
(9,706)	1:45:A:ALA:HB3	1:48:A:ARG:HE	2	1.28	1.02	1.28
(13,697)	1:45:A:ALA:HB1	1:48:A:ARG:HE	2	1.28	1.02	1.28
(13,697)	1:45:A:ALA:HB2	1:48:A:ARG:HE	2	1.28	1.02	1.28
(13,697)	1:45:A:ALA:HB3	1:48:A:ARG:HE	2	1.28	1.02	1.28
(32,692)	1:45:A:ALA:HB1	1:48:A:ARG:HE	2	1.28	1.02	1.28
(32,692)	1:45:A:ALA:HB2	1:48:A:ARG:HE	2	1.28	1.02	1.28
(32,692)	1:45:A:ALA:HB3	1:48:A:ARG:HE	2	1.28	1.02	1.28
(13,2271)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	2	1.26	0.23	1.26
(13,2271)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	2	1.26	0.23	1.26
(13,2271)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	2	1.26	0.23	1.26
(13,2271)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	2	1.26	0.23	1.26
(13,2271)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	2	1.26	0.23	1.26
(13,2271)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	2	1.26	0.23	1.26
(5,817)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	2	1.25	0.26	1.25
(5,817)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	2	1.25	0.26	1.25
(5,817)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	2	1.25	0.26	1.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,745)	1:46:A:ASN:HD21	1:134:A:VAL:HA	2	1.23	0.28	1.23
(4,722)	1:46:A:ASN:HD21	1:134:A:VAL:HA	2	1.23	0.28	1.23
(9,730)	1:46:A:ASN:HD21	1:134:A:VAL:HA	2	1.23	0.28	1.23
(29,747)	1:46:A:ASN:HD21	1:134:A:VAL:HA	2	1.23	0.28	1.23
(30,814)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	2	1.22	0.26	1.22
(30,814)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	2	1.22	0.26	1.22
(30,814)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	2	1.22	0.26	1.22
(2,1647)	1:34:A:LYS:H	1:80:A:TYR:HA	2	1.21	0.46	1.21
(4,1606)	1:34:A:LYS:H	1:80:A:TYR:HA	2	1.21	0.46	1.21
(5,1643)	1:34:A:LYS:H	1:80:A:TYR:HA	2	1.21	0.46	1.21
(6,1628)	1:34:A:LYS:H	1:80:A:TYR:HA	2	1.21	0.46	1.21
(7,1601)	1:34:A:LYS:H	1:80:A:TYR:HA	2	1.21	0.46	1.21
(9,1619)	1:34:A:LYS:H	1:80:A:TYR:HA	2	1.21	0.46	1.21
(15,1621)	1:34:A:LYS:H	1:80:A:TYR:HA	2	1.21	0.46	1.21
(17,1645)	1:34:A:LYS:H	1:80:A:TYR:HA	2	1.21	0.46	1.21
(29,1643)	1:34:A:LYS:H	1:80:A:TYR:HA	2	1.21	0.46	1.21
(30,1630)	1:34:A:LYS:H	1:80:A:TYR:HA	2	1.21	0.46	1.21
(5,1661)	1:134:A:VAL:HG21	1:136:A:CYS:HA	2	1.21	0.53	1.21
(5,1661)	1:134:A:VAL:HG22	1:136:A:CYS:HA	2	1.21	0.53	1.21
(5,1661)	1:134:A:VAL:HG23	1:136:A:CYS:HA	2	1.21	0.53	1.21
(16,1635)	1:134:A:VAL:HG21	1:136:A:CYS:HA	2	1.21	0.53	1.21
(16,1635)	1:134:A:VAL:HG22	1:136:A:CYS:HA	2	1.21	0.53	1.21
(16,1635)	1:134:A:VAL:HG23	1:136:A:CYS:HA	2	1.21	0.53	1.21
(29,1665)	1:134:A:VAL:HG21	1:136:A:CYS:HA	2	1.21	0.53	1.21
(29,1665)	1:134:A:VAL:HG22	1:136:A:CYS:HA	2	1.21	0.53	1.21
(29,1665)	1:134:A:VAL:HG23	1:136:A:CYS:HA	2	1.21	0.53	1.21
(30,1647)	1:134:A:VAL:HG21	1:136:A:CYS:HA	2	1.21	0.53	1.21
(30,1647)	1:134:A:VAL:HG22	1:136:A:CYS:HA	2	1.21	0.53	1.21
(30,1647)	1:134:A:VAL:HG23	1:136:A:CYS:HA	2	1.21	0.53	1.21
(16,1496)	1:114:A:ILE:HG21	1:117:A:VAL:HB	2	1.19	0.04	1.19
(16,1496)	1:114:A:ILE:HG22	1:117:A:VAL:HB	2	1.19	0.04	1.19
(16,1496)	1:114:A:ILE:HG23	1:117:A:VAL:HB	2	1.19	0.04	1.19
(15,1731)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	2	1.19	0.56	1.19
(15,1731)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	2	1.19	0.56	1.19
(15,1731)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	2	1.19	0.56	1.19
(5,1993)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	2	1.11	0.43	1.11
(5,1993)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	2	1.11	0.43	1.11
(5,1993)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	2	1.11	0.43	1.11
(5,1993)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	2	1.11	0.43	1.11
(5,1993)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	2	1.11	0.43	1.11
(5,1993)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	2	1.11	0.43	1.11
(15,1977)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	2	1.11	0.43	1.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,1977)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	2	1.11	0.43	1.11
(15,1977)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	2	1.11	0.43	1.11
(15,1977)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	2	1.11	0.43	1.11
(15,1977)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	2	1.11	0.43	1.11
(15,1977)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	2	1.11	0.43	1.11
(6,1747)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	2	1.11	0.56	1.11
(6,1747)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	2	1.11	0.56	1.11
(6,1747)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	2	1.11	0.56	1.11
(17,376)	1:62:A:HIS:H	1:63:A:ILE:HG13	2	1.1	0.39	1.1
(16,745)	1:46:A:ASN:HD21	1:134:A:VAL:HA	2	1.1	0.28	1.1
(3,386)	1:62:A:HIS:H	1:63:A:ILE:HG13	2	1.08	0.39	1.08
(4,1725)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	2	1.08	0.56	1.08
(4,1725)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	2	1.08	0.56	1.08
(4,1725)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	2	1.08	0.56	1.08
(1,1863)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	2	1.08	0.39	1.08
(1,1863)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	2	1.08	0.39	1.08
(1,1863)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	2	1.08	0.39	1.08
(1,1863)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	2	1.08	0.39	1.08
(1,1863)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	2	1.08	0.39	1.08
(1,1863)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	2	1.08	0.39	1.08
(4,557)	1:63:A:ILE:HG21	1:116:A:GLN:H	2	1.06	0.46	1.06
(4,557)	1:63:A:ILE:HG22	1:116:A:GLN:H	2	1.06	0.46	1.06
(4,557)	1:63:A:ILE:HG23	1:116:A:GLN:H	2	1.06	0.46	1.06
(3,1290)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	2	1.06	0.01	1.06
(3,1290)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	2	1.06	0.01	1.06
(3,1290)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	2	1.06	0.01	1.06
(3,1290)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	2	1.06	0.01	1.06
(3,1290)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	2	1.06	0.01	1.06
(3,1290)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	2	1.06	0.01	1.06
(13,1708)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	2	1.06	0.56	1.06
(13,1708)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	2	1.06	0.56	1.06
(13,1708)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	2	1.06	0.56	1.06
(16,1938)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	2	1.05	0.28	1.05
(16,1938)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	2	1.05	0.28	1.05
(16,1938)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	2	1.05	0.28	1.05
(16,1938)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	2	1.05	0.28	1.05
(16,1938)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	2	1.05	0.28	1.05
(16,1938)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	2	1.05	0.28	1.05
(16,1938)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	2	1.05	0.28	1.05
(16,1938)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	2	1.05	0.28	1.05
(16,1938)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	2	1.05	0.28	1.05
(16,1938)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	2	1.05	0.28	1.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1938)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	2	1.05	0.28	1.05
(16,1938)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	2	1.05	0.28	1.05
(34,1752)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	2	1.05	0.56	1.05
(34,1752)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	2	1.05	0.56	1.05
(34,1752)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	2	1.05	0.56	1.05
(4,373)	1:62:A:HIS:H	1:63:A:ILE:HG13	2	1.04	0.39	1.04
(5,1876)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	2	1.03	0.39	1.03
(5,1876)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	2	1.03	0.39	1.03
(5,1876)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	2	1.03	0.39	1.03
(5,1876)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	2	1.03	0.39	1.03
(5,1876)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	2	1.03	0.39	1.03
(5,1876)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	2	1.03	0.39	1.03
(2,1394)	1:16:A:SER:HA	1:19:A:ALA:HB1	2	1.03	0.25	1.03
(2,1394)	1:16:A:SER:HA	1:19:A:ALA:HB2	2	1.03	0.25	1.03
(2,1394)	1:16:A:SER:HA	1:19:A:ALA:HB3	2	1.03	0.25	1.03
(3,1415)	1:16:A:SER:HA	1:19:A:ALA:HB1	2	1.03	0.25	1.03
(3,1415)	1:16:A:SER:HA	1:19:A:ALA:HB2	2	1.03	0.25	1.03
(3,1415)	1:16:A:SER:HA	1:19:A:ALA:HB3	2	1.03	0.25	1.03
(4,1372)	1:16:A:SER:HA	1:19:A:ALA:HB1	2	1.03	0.25	1.03
(4,1372)	1:16:A:SER:HA	1:19:A:ALA:HB2	2	1.03	0.25	1.03
(4,1372)	1:16:A:SER:HA	1:19:A:ALA:HB3	2	1.03	0.25	1.03
(5,1410)	1:16:A:SER:HA	1:19:A:ALA:HB1	2	1.03	0.25	1.03
(5,1410)	1:16:A:SER:HA	1:19:A:ALA:HB2	2	1.03	0.25	1.03
(5,1410)	1:16:A:SER:HA	1:19:A:ALA:HB3	2	1.03	0.25	1.03
(9,1384)	1:16:A:SER:HA	1:19:A:ALA:HB1	2	1.03	0.25	1.03
(9,1384)	1:16:A:SER:HA	1:19:A:ALA:HB2	2	1.03	0.25	1.03
(9,1384)	1:16:A:SER:HA	1:19:A:ALA:HB3	2	1.03	0.25	1.03
(11,1410)	1:16:A:SER:HA	1:19:A:ALA:HB1	2	1.03	0.25	1.03
(11,1410)	1:16:A:SER:HA	1:19:A:ALA:HB2	2	1.03	0.25	1.03
(11,1410)	1:16:A:SER:HA	1:19:A:ALA:HB3	2	1.03	0.25	1.03
(13,1366)	1:16:A:SER:HA	1:19:A:ALA:HB1	2	1.03	0.25	1.03
(13,1366)	1:16:A:SER:HA	1:19:A:ALA:HB2	2	1.03	0.25	1.03
(13,1366)	1:16:A:SER:HA	1:19:A:ALA:HB3	2	1.03	0.25	1.03
(15,1387)	1:16:A:SER:HA	1:19:A:ALA:HB1	2	1.03	0.25	1.03
(15,1387)	1:16:A:SER:HA	1:19:A:ALA:HB2	2	1.03	0.25	1.03
(15,1387)	1:16:A:SER:HA	1:19:A:ALA:HB3	2	1.03	0.25	1.03
(16,1394)	1:16:A:SER:HA	1:19:A:ALA:HB1	2	1.03	0.25	1.03
(16,1394)	1:16:A:SER:HA	1:19:A:ALA:HB2	2	1.03	0.25	1.03
(16,1394)	1:16:A:SER:HA	1:19:A:ALA:HB3	2	1.03	0.25	1.03
(17,1409)	1:16:A:SER:HA	1:19:A:ALA:HB1	2	1.03	0.25	1.03
(17,1409)	1:16:A:SER:HA	1:19:A:ALA:HB2	2	1.03	0.25	1.03
(17,1409)	1:16:A:SER:HA	1:19:A:ALA:HB3	2	1.03	0.25	1.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,1386)	1:16:A:SER:HA	1:19:A:ALA:HB1	2	1.03	0.25	1.03
(18,1386)	1:16:A:SER:HA	1:19:A:ALA:HB2	2	1.03	0.25	1.03
(18,1386)	1:16:A:SER:HA	1:19:A:ALA:HB3	2	1.03	0.25	1.03
(29,1399)	1:16:A:SER:HA	1:19:A:ALA:HB1	2	1.03	0.25	1.03
(29,1399)	1:16:A:SER:HA	1:19:A:ALA:HB2	2	1.03	0.25	1.03
(29,1399)	1:16:A:SER:HA	1:19:A:ALA:HB3	2	1.03	0.25	1.03
(30,1389)	1:16:A:SER:HA	1:19:A:ALA:HB1	2	1.03	0.25	1.03
(30,1389)	1:16:A:SER:HA	1:19:A:ALA:HB2	2	1.03	0.25	1.03
(30,1389)	1:16:A:SER:HA	1:19:A:ALA:HB3	2	1.03	0.25	1.03
(32,1358)	1:16:A:SER:HA	1:19:A:ALA:HB1	2	1.03	0.25	1.03
(32,1358)	1:16:A:SER:HA	1:19:A:ALA:HB2	2	1.03	0.25	1.03
(32,1358)	1:16:A:SER:HA	1:19:A:ALA:HB3	2	1.03	0.25	1.03
(33,1389)	1:16:A:SER:HA	1:19:A:ALA:HB1	2	1.03	0.25	1.03
(33,1389)	1:16:A:SER:HA	1:19:A:ALA:HB2	2	1.03	0.25	1.03
(33,1389)	1:16:A:SER:HA	1:19:A:ALA:HB3	2	1.03	0.25	1.03
(34,853)	1:60:A:LEU:HB3	1:63:A:ILE:HG13	2	1.02	0.36	1.02
(34,1953)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	2	1.02	0.4	1.02
(34,1953)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	2	1.02	0.4	1.02
(34,1953)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	2	1.02	0.4	1.02
(34,1953)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	2	1.02	0.4	1.02
(34,1953)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	2	1.02	0.4	1.02
(34,1953)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	2	1.02	0.4	1.02
(1,387)	1:62:A:HIS:H	1:63:A:ILE:HG13	2	1.01	0.39	1.01
(33,2326)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	2	1.01	0.15	1.01
(33,2326)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	2	1.01	0.15	1.01
(7,1818)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	2	1.0	0.39	1.0
(7,1818)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	2	1.0	0.39	1.0
(7,1818)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	2	1.0	0.39	1.0
(7,1818)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	2	1.0	0.39	1.0
(7,1818)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	2	1.0	0.39	1.0
(7,1818)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	2	1.0	0.39	1.0
(16,1175)	1:136:A:CYS:HA	1:140:A:LEU:HD21	2	1.0	0.28	1.0
(16,1175)	1:136:A:CYS:HA	1:140:A:LEU:HD22	2	1.0	0.28	1.0
(16,1175)	1:136:A:CYS:HA	1:140:A:LEU:HD23	2	1.0	0.28	1.0
(2,2165)	1:43:A:MET:HE1	1:131:A:LEU:HD11	2	0.99	0.75	0.99
(2,2165)	1:43:A:MET:HE1	1:131:A:LEU:HD12	2	0.99	0.75	0.99
(2,2165)	1:43:A:MET:HE1	1:131:A:LEU:HD13	2	0.99	0.75	0.99
(2,2165)	1:43:A:MET:HE1	1:131:A:LEU:HD21	2	0.99	0.75	0.99
(2,2165)	1:43:A:MET:HE1	1:131:A:LEU:HD22	2	0.99	0.75	0.99
(2,2165)	1:43:A:MET:HE1	1:131:A:LEU:HD23	2	0.99	0.75	0.99
(2,2165)	1:43:A:MET:HE2	1:131:A:LEU:HD11	2	0.99	0.75	0.99
(2,2165)	1:43:A:MET:HE2	1:131:A:LEU:HD12	2	0.99	0.75	0.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2165)	1:43:A:MET:HE2	1:131:A:LEU:HD13	2	0.99	0.75	0.99
(2,2165)	1:43:A:MET:HE2	1:131:A:LEU:HD21	2	0.99	0.75	0.99
(2,2165)	1:43:A:MET:HE2	1:131:A:LEU:HD22	2	0.99	0.75	0.99
(2,2165)	1:43:A:MET:HE2	1:131:A:LEU:HD23	2	0.99	0.75	0.99
(2,2165)	1:43:A:MET:HE3	1:131:A:LEU:HD11	2	0.99	0.75	0.99
(2,2165)	1:43:A:MET:HE3	1:131:A:LEU:HD12	2	0.99	0.75	0.99
(2,2165)	1:43:A:MET:HE3	1:131:A:LEU:HD13	2	0.99	0.75	0.99
(2,2165)	1:43:A:MET:HE3	1:131:A:LEU:HD21	2	0.99	0.75	0.99
(2,2165)	1:43:A:MET:HE3	1:131:A:LEU:HD22	2	0.99	0.75	0.99
(2,2165)	1:43:A:MET:HE3	1:131:A:LEU:HD23	2	0.99	0.75	0.99
(5,2145)	1:43:A:MET:HE1	1:131:A:LEU:HD11	2	0.99	0.75	0.99
(5,2145)	1:43:A:MET:HE1	1:131:A:LEU:HD12	2	0.99	0.75	0.99
(5,2145)	1:43:A:MET:HE1	1:131:A:LEU:HD13	2	0.99	0.75	0.99
(5,2145)	1:43:A:MET:HE1	1:131:A:LEU:HD21	2	0.99	0.75	0.99
(5,2145)	1:43:A:MET:HE1	1:131:A:LEU:HD22	2	0.99	0.75	0.99
(5,2145)	1:43:A:MET:HE1	1:131:A:LEU:HD23	2	0.99	0.75	0.99
(5,2145)	1:43:A:MET:HE2	1:131:A:LEU:HD11	2	0.99	0.75	0.99
(5,2145)	1:43:A:MET:HE2	1:131:A:LEU:HD12	2	0.99	0.75	0.99
(5,2145)	1:43:A:MET:HE2	1:131:A:LEU:HD13	2	0.99	0.75	0.99
(5,2145)	1:43:A:MET:HE2	1:131:A:LEU:HD21	2	0.99	0.75	0.99
(5,2145)	1:43:A:MET:HE2	1:131:A:LEU:HD22	2	0.99	0.75	0.99
(5,2145)	1:43:A:MET:HE2	1:131:A:LEU:HD23	2	0.99	0.75	0.99
(5,2145)	1:43:A:MET:HE3	1:131:A:LEU:HD11	2	0.99	0.75	0.99
(5,2145)	1:43:A:MET:HE3	1:131:A:LEU:HD12	2	0.99	0.75	0.99
(5,2145)	1:43:A:MET:HE3	1:131:A:LEU:HD13	2	0.99	0.75	0.99
(5,2145)	1:43:A:MET:HE3	1:131:A:LEU:HD21	2	0.99	0.75	0.99
(5,2145)	1:43:A:MET:HE3	1:131:A:LEU:HD22	2	0.99	0.75	0.99
(5,2145)	1:43:A:MET:HE3	1:131:A:LEU:HD23	2	0.99	0.75	0.99
(11,2163)	1:43:A:MET:HE1	1:131:A:LEU:HD11	2	0.99	0.75	0.99
(11,2163)	1:43:A:MET:HE1	1:131:A:LEU:HD12	2	0.99	0.75	0.99
(11,2163)	1:43:A:MET:HE1	1:131:A:LEU:HD13	2	0.99	0.75	0.99
(11,2163)	1:43:A:MET:HE1	1:131:A:LEU:HD21	2	0.99	0.75	0.99
(11,2163)	1:43:A:MET:HE1	1:131:A:LEU:HD22	2	0.99	0.75	0.99
(11,2163)	1:43:A:MET:HE1	1:131:A:LEU:HD23	2	0.99	0.75	0.99
(11,2163)	1:43:A:MET:HE2	1:131:A:LEU:HD11	2	0.99	0.75	0.99
(11,2163)	1:43:A:MET:HE2	1:131:A:LEU:HD12	2	0.99	0.75	0.99
(11,2163)	1:43:A:MET:HE2	1:131:A:LEU:HD13	2	0.99	0.75	0.99
(11,2163)	1:43:A:MET:HE2	1:131:A:LEU:HD21	2	0.99	0.75	0.99
(11,2163)	1:43:A:MET:HE2	1:131:A:LEU:HD22	2	0.99	0.75	0.99
(11,2163)	1:43:A:MET:HE2	1:131:A:LEU:HD23	2	0.99	0.75	0.99
(11,2163)	1:43:A:MET:HE3	1:131:A:LEU:HD11	2	0.99	0.75	0.99
(11,2163)	1:43:A:MET:HE3	1:131:A:LEU:HD12	2	0.99	0.75	0.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,2163)	1:43:A:MET:HE3	1:131:A:LEU:HD13	2	0.99	0.75	0.99
(11,2163)	1:43:A:MET:HE3	1:131:A:LEU:HD21	2	0.99	0.75	0.99
(11,2163)	1:43:A:MET:HE3	1:131:A:LEU:HD22	2	0.99	0.75	0.99
(11,2163)	1:43:A:MET:HE3	1:131:A:LEU:HD23	2	0.99	0.75	0.99
(13,2098)	1:43:A:MET:HE1	1:131:A:LEU:HD11	2	0.99	0.75	0.99
(13,2098)	1:43:A:MET:HE1	1:131:A:LEU:HD12	2	0.99	0.75	0.99
(13,2098)	1:43:A:MET:HE1	1:131:A:LEU:HD13	2	0.99	0.75	0.99
(13,2098)	1:43:A:MET:HE1	1:131:A:LEU:HD21	2	0.99	0.75	0.99
(13,2098)	1:43:A:MET:HE1	1:131:A:LEU:HD22	2	0.99	0.75	0.99
(13,2098)	1:43:A:MET:HE1	1:131:A:LEU:HD23	2	0.99	0.75	0.99
(13,2098)	1:43:A:MET:HE2	1:131:A:LEU:HD11	2	0.99	0.75	0.99
(13,2098)	1:43:A:MET:HE2	1:131:A:LEU:HD12	2	0.99	0.75	0.99
(13,2098)	1:43:A:MET:HE2	1:131:A:LEU:HD13	2	0.99	0.75	0.99
(13,2098)	1:43:A:MET:HE2	1:131:A:LEU:HD21	2	0.99	0.75	0.99
(13,2098)	1:43:A:MET:HE2	1:131:A:LEU:HD22	2	0.99	0.75	0.99
(13,2098)	1:43:A:MET:HE2	1:131:A:LEU:HD23	2	0.99	0.75	0.99
(13,2098)	1:43:A:MET:HE3	1:131:A:LEU:HD11	2	0.99	0.75	0.99
(13,2098)	1:43:A:MET:HE3	1:131:A:LEU:HD12	2	0.99	0.75	0.99
(13,2098)	1:43:A:MET:HE3	1:131:A:LEU:HD13	2	0.99	0.75	0.99
(13,2098)	1:43:A:MET:HE3	1:131:A:LEU:HD21	2	0.99	0.75	0.99
(13,2098)	1:43:A:MET:HE3	1:131:A:LEU:HD22	2	0.99	0.75	0.99
(13,2098)	1:43:A:MET:HE3	1:131:A:LEU:HD23	2	0.99	0.75	0.99
(33,2153)	1:43:A:MET:HE1	1:131:A:LEU:HD11	2	0.99	0.75	0.99
(33,2153)	1:43:A:MET:HE1	1:131:A:LEU:HD12	2	0.99	0.75	0.99
(33,2153)	1:43:A:MET:HE1	1:131:A:LEU:HD13	2	0.99	0.75	0.99
(33,2153)	1:43:A:MET:HE1	1:131:A:LEU:HD21	2	0.99	0.75	0.99
(33,2153)	1:43:A:MET:HE1	1:131:A:LEU:HD22	2	0.99	0.75	0.99
(33,2153)	1:43:A:MET:HE1	1:131:A:LEU:HD23	2	0.99	0.75	0.99
(33,2153)	1:43:A:MET:HE2	1:131:A:LEU:HD11	2	0.99	0.75	0.99
(33,2153)	1:43:A:MET:HE2	1:131:A:LEU:HD12	2	0.99	0.75	0.99
(33,2153)	1:43:A:MET:HE2	1:131:A:LEU:HD13	2	0.99	0.75	0.99
(33,2153)	1:43:A:MET:HE2	1:131:A:LEU:HD21	2	0.99	0.75	0.99
(33,2153)	1:43:A:MET:HE2	1:131:A:LEU:HD22	2	0.99	0.75	0.99
(33,2153)	1:43:A:MET:HE2	1:131:A:LEU:HD23	2	0.99	0.75	0.99
(33,2153)	1:43:A:MET:HE3	1:131:A:LEU:HD11	2	0.99	0.75	0.99
(33,2153)	1:43:A:MET:HE3	1:131:A:LEU:HD12	2	0.99	0.75	0.99
(33,2153)	1:43:A:MET:HE3	1:131:A:LEU:HD13	2	0.99	0.75	0.99
(33,2153)	1:43:A:MET:HE3	1:131:A:LEU:HD21	2	0.99	0.75	0.99
(33,2153)	1:43:A:MET:HE3	1:131:A:LEU:HD22	2	0.99	0.75	0.99
(33,2153)	1:43:A:MET:HE3	1:131:A:LEU:HD23	2	0.99	0.75	0.99
(34,2154)	1:43:A:MET:HE1	1:131:A:LEU:HD11	2	0.99	0.75	0.99
(34,2154)	1:43:A:MET:HE1	1:131:A:LEU:HD12	2	0.99	0.75	0.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,2154)	1:43:A:MET:HE1	1:131:A:LEU:HD13	2	0.99	0.75	0.99
(34,2154)	1:43:A:MET:HE1	1:131:A:LEU:HD21	2	0.99	0.75	0.99
(34,2154)	1:43:A:MET:HE1	1:131:A:LEU:HD22	2	0.99	0.75	0.99
(34,2154)	1:43:A:MET:HE1	1:131:A:LEU:HD23	2	0.99	0.75	0.99
(34,2154)	1:43:A:MET:HE2	1:131:A:LEU:HD11	2	0.99	0.75	0.99
(34,2154)	1:43:A:MET:HE2	1:131:A:LEU:HD12	2	0.99	0.75	0.99
(34,2154)	1:43:A:MET:HE2	1:131:A:LEU:HD13	2	0.99	0.75	0.99
(34,2154)	1:43:A:MET:HE2	1:131:A:LEU:HD21	2	0.99	0.75	0.99
(34,2154)	1:43:A:MET:HE2	1:131:A:LEU:HD22	2	0.99	0.75	0.99
(34,2154)	1:43:A:MET:HE2	1:131:A:LEU:HD23	2	0.99	0.75	0.99
(34,2154)	1:43:A:MET:HE3	1:131:A:LEU:HD11	2	0.99	0.75	0.99
(34,2154)	1:43:A:MET:HE3	1:131:A:LEU:HD12	2	0.99	0.75	0.99
(34,2154)	1:43:A:MET:HE3	1:131:A:LEU:HD13	2	0.99	0.75	0.99
(34,2154)	1:43:A:MET:HE3	1:131:A:LEU:HD21	2	0.99	0.75	0.99
(34,2154)	1:43:A:MET:HE3	1:131:A:LEU:HD22	2	0.99	0.75	0.99
(34,2154)	1:43:A:MET:HE3	1:131:A:LEU:HD23	2	0.99	0.75	0.99
(3,833)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	2	0.98	0.25	0.98
(3,833)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	2	0.98	0.25	0.98
(3,833)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	2	0.98	0.25	0.98
(13,1200)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	2	0.98	0.3	0.98
(13,1200)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	2	0.98	0.3	0.98
(13,1200)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	2	0.98	0.3	0.98
(29,2318)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	2	0.97	0.27	0.97
(29,2318)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	2	0.97	0.27	0.97
(29,2318)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	2	0.97	0.27	0.97
(29,2318)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	2	0.97	0.27	0.97
(29,2318)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	2	0.97	0.27	0.97
(29,2318)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	2	0.97	0.27	0.97
(29,2318)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	2	0.97	0.27	0.97
(29,2318)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	2	0.97	0.27	0.97
(29,2318)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	2	0.97	0.27	0.97
(29,2318)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	2	0.97	0.27	0.97
(29,2318)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	2	0.97	0.27	0.97
(29,2318)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	2	0.97	0.27	0.97
(29,1443)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	2	0.97	0.04	0.97
(29,1443)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	2	0.97	0.04	0.97
(29,1443)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	2	0.97	0.04	0.97
(2,1758)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(2,1758)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(2,1758)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(4,1724)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(4,1724)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	2	0.96	0.15	0.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1724)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(6,1746)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(6,1746)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(6,1746)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(9,1735)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(9,1735)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(9,1735)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(13,1707)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(13,1707)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(13,1707)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(15,1617)	1:33:A:LYS:HA	1:80:A:TYR:HB2	2	0.96	0.41	0.96
(15,1730)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(15,1730)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(15,1730)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(17,1756)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(17,1756)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(17,1756)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(18,1724)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(18,1724)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(18,1724)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(29,1760)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(29,1760)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(29,1760)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(33,1738)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(33,1738)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(33,1738)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(34,1751)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(34,1751)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(34,1751)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	2	0.96	0.15	0.96
(9,2274)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	2	0.96	0.27	0.96
(9,2274)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	2	0.96	0.27	0.96
(9,2274)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	2	0.96	0.27	0.96
(9,2274)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	2	0.96	0.27	0.96
(9,2274)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	2	0.96	0.27	0.96
(9,2274)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	2	0.96	0.27	0.96
(9,2274)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	2	0.96	0.27	0.96
(9,2274)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	2	0.96	0.27	0.96
(9,2274)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	2	0.96	0.27	0.96
(9,2274)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	2	0.96	0.27	0.96
(9,2274)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	2	0.96	0.27	0.96
(9,2274)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	2	0.96	0.27	0.96
(3,2188)	1:46:A:ASN:HD21	1:134:A:VAL:HA	2	0.96	0.18	0.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,2188)	1:46:A:ASN:HD22	1:134:A:VAL:HA	2	0.96	0.18	0.96
(6,2159)	1:46:A:ASN:HD21	1:134:A:VAL:HA	2	0.96	0.18	0.96
(6,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HA	2	0.96	0.18	0.96
(18,2169)	1:46:A:ASN:HD21	1:134:A:VAL:HA	2	0.96	0.18	0.96
(18,2169)	1:46:A:ASN:HD22	1:134:A:VAL:HA	2	0.96	0.18	0.96
(30,2181)	1:46:A:ASN:HD21	1:134:A:VAL:HA	2	0.96	0.18	0.96
(30,2181)	1:46:A:ASN:HD22	1:134:A:VAL:HA	2	0.96	0.18	0.96
(33,2167)	1:46:A:ASN:HD21	1:134:A:VAL:HA	2	0.96	0.18	0.96
(33,2167)	1:46:A:ASN:HD22	1:134:A:VAL:HA	2	0.96	0.18	0.96
(15,737)	1:46:A:ASN:HD21	1:134:A:VAL:HA	2	0.95	0.28	0.95
(17,739)	1:46:A:ASN:HD21	1:134:A:VAL:HA	2	0.95	0.28	0.95
(2,1921)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(2,1921)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(2,1921)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(2,1921)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(2,1921)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(2,1921)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(3,1924)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(3,1924)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(3,1924)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(3,1924)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(3,1924)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(3,1924)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(4,1872)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(4,1872)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(4,1872)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(4,1872)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(4,1872)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(4,1872)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(5,1919)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(5,1919)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(5,1919)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(5,1919)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(5,1919)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(5,1919)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(6,1907)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(6,1907)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(6,1907)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(6,1907)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(6,1907)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(6,1907)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(9,1895)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	2	0.94	0.08	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,1895)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(9,1895)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(9,1895)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(9,1895)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(9,1895)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(13,1854)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(13,1854)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(13,1854)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(13,1854)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(13,1854)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(13,1854)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(15,1833)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	2	0.94	0.4	0.94
(15,1833)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	2	0.94	0.4	0.94
(15,1833)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	2	0.94	0.4	0.94
(15,1833)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	2	0.94	0.4	0.94
(15,1833)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	2	0.94	0.4	0.94
(15,1833)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	2	0.94	0.4	0.94
(29,1915)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(29,1915)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(29,1915)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(29,1915)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(29,1915)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(29,1915)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(30,1898)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(30,1898)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(30,1898)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(30,1898)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(30,1898)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(30,1898)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(32,1862)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(32,1862)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(32,1862)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(32,1862)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(32,1862)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(32,1862)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(34,1902)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(34,1902)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(34,1902)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(34,1902)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(34,1902)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	2	0.94	0.08	0.94
(34,1902)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	2	0.94	0.08	0.94
(11,1147)	1:98:A:ILE:HG13	1:101:A:ILE:HB	2	0.94	0.06	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,1865)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	2	0.94	0.4	0.94
(17,1865)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	2	0.94	0.4	0.94
(17,1865)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	2	0.94	0.4	0.94
(17,1865)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	2	0.94	0.4	0.94
(17,1865)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	2	0.94	0.4	0.94
(17,1865)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	2	0.94	0.4	0.94
(1,1444)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	2	0.92	0.04	0.92
(1,1444)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	2	0.92	0.04	0.92
(1,1444)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	2	0.92	0.04	0.92
(7,2138)	1:46:A:ASN:HD21	1:134:A:VAL:HA	2	0.9	0.19	0.9
(7,2138)	1:46:A:ASN:HD22	1:134:A:VAL:HA	2	0.9	0.19	0.9
(17,1274)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	2	0.9	0.03	0.9
(17,1274)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	2	0.9	0.03	0.9
(17,1274)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	2	0.9	0.03	0.9
(17,1274)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	2	0.9	0.03	0.9
(17,1274)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	2	0.9	0.03	0.9
(17,1274)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	2	0.9	0.03	0.9
(18,1197)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	2	0.9	0.0	0.9
(18,1197)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	2	0.9	0.0	0.9
(18,1197)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	2	0.9	0.0	0.9
(18,2227)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	2	0.9	0.17	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,2227)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	2	0.9	0.17	0.9
(18,2227)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	2	0.9	0.17	0.9
(1,1012)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.9	0.01	0.9
(2,982)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.9	0.01	0.9
(3,1005)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.9	0.01	0.9
(5,562)	1:63:A:ILE:HG21	1:116:A:GLN:H	2	0.9	0.47	0.9
(5,562)	1:63:A:ILE:HG22	1:116:A:GLN:H	2	0.9	0.47	0.9
(5,562)	1:63:A:ILE:HG23	1:116:A:GLN:H	2	0.9	0.47	0.9
(5,989)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.9	0.01	0.9
(7,974)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.9	0.01	0.9
(7,2049)	1:35:A:LEU:HD11	1:143:A:TRP:HB2	2	0.9	0.43	0.9
(7,2049)	1:35:A:LEU:HD12	1:143:A:TRP:HB2	2	0.9	0.43	0.9
(7,2049)	1:35:A:LEU:HD13	1:143:A:TRP:HB2	2	0.9	0.43	0.9
(7,2049)	1:35:A:LEU:HD21	1:143:A:TRP:HB2	2	0.9	0.43	0.9
(7,2049)	1:35:A:LEU:HD22	1:143:A:TRP:HB2	2	0.9	0.43	0.9
(7,2049)	1:35:A:LEU:HD23	1:143:A:TRP:HB2	2	0.9	0.43	0.9
(9,988)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.9	0.01	0.9
(11,996)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.9	0.01	0.9
(13,971)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.9	0.01	0.9
(15,996)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.9	0.01	0.9
(16,1010)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.9	0.01	0.9
(17,996)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.9	0.01	0.9
(18,1000)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.9	0.01	0.9
(29,1001)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.9	0.01	0.9
(30,984)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.9	0.01	0.9
(32,963)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.9	0.01	0.9
(33,994)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.9	0.01	0.9
(2,2027)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	2	0.89	0.43	0.89
(2,2027)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	2	0.89	0.43	0.89
(2,2027)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	2	0.89	0.43	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2027)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	2	0.89	0.43	0.89
(2,2027)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	2	0.89	0.43	0.89
(2,2027)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	2	0.89	0.43	0.89
(2,343)	1:66:A:THR:H	1:96:A:VAL:HB	2	0.88	0.38	0.88
(4,334)	1:66:A:THR:H	1:96:A:VAL:HB	2	0.88	0.38	0.88
(5,2144)	1:43:A:MET:HG2	1:144:A:LEU:HD11	2	0.88	0.26	0.88
(5,2144)	1:43:A:MET:HG2	1:144:A:LEU:HD12	2	0.88	0.26	0.88
(5,2144)	1:43:A:MET:HG2	1:144:A:LEU:HD13	2	0.88	0.26	0.88
(5,2144)	1:43:A:MET:HG2	1:144:A:LEU:HD21	2	0.88	0.26	0.88
(5,2144)	1:43:A:MET:HG2	1:144:A:LEU:HD22	2	0.88	0.26	0.88
(5,2144)	1:43:A:MET:HG2	1:144:A:LEU:HD23	2	0.88	0.26	0.88
(5,2144)	1:43:A:MET:HG3	1:144:A:LEU:HD11	2	0.88	0.26	0.88
(5,2144)	1:43:A:MET:HG3	1:144:A:LEU:HD12	2	0.88	0.26	0.88
(5,2144)	1:43:A:MET:HG3	1:144:A:LEU:HD13	2	0.88	0.26	0.88
(5,2144)	1:43:A:MET:HG3	1:144:A:LEU:HD21	2	0.88	0.26	0.88
(5,2144)	1:43:A:MET:HG3	1:144:A:LEU:HD22	2	0.88	0.26	0.88
(5,2144)	1:43:A:MET:HG3	1:144:A:LEU:HD23	2	0.88	0.26	0.88
(7,344)	1:66:A:THR:H	1:96:A:VAL:HB	2	0.88	0.38	0.88
(11,349)	1:66:A:THR:H	1:96:A:VAL:HB	2	0.88	0.38	0.88
(15,349)	1:66:A:THR:H	1:96:A:VAL:HB	2	0.88	0.38	0.88
(16,353)	1:66:A:THR:H	1:96:A:VAL:HB	2	0.88	0.38	0.88
(17,2168)	1:43:A:MET:HG2	1:144:A:LEU:HD11	2	0.88	0.26	0.88
(17,2168)	1:43:A:MET:HG2	1:144:A:LEU:HD12	2	0.88	0.26	0.88
(17,2168)	1:43:A:MET:HG2	1:144:A:LEU:HD13	2	0.88	0.26	0.88
(17,2168)	1:43:A:MET:HG2	1:144:A:LEU:HD21	2	0.88	0.26	0.88
(17,2168)	1:43:A:MET:HG2	1:144:A:LEU:HD22	2	0.88	0.26	0.88
(17,2168)	1:43:A:MET:HG2	1:144:A:LEU:HD23	2	0.88	0.26	0.88
(17,2168)	1:43:A:MET:HG3	1:144:A:LEU:HD11	2	0.88	0.26	0.88
(17,2168)	1:43:A:MET:HG3	1:144:A:LEU:HD12	2	0.88	0.26	0.88
(17,2168)	1:43:A:MET:HG3	1:144:A:LEU:HD13	2	0.88	0.26	0.88
(17,2168)	1:43:A:MET:HG3	1:144:A:LEU:HD21	2	0.88	0.26	0.88
(17,2168)	1:43:A:MET:HG3	1:144:A:LEU:HD22	2	0.88	0.26	0.88
(17,2168)	1:43:A:MET:HG3	1:144:A:LEU:HD23	2	0.88	0.26	0.88
(30,347)	1:66:A:THR:H	1:96:A:VAL:HB	2	0.88	0.38	0.88
(2,1685)	1:16:A:SER:HB3	1:19:A:ALA:HB1	2	0.88	0.03	0.88
(2,1685)	1:16:A:SER:HB3	1:19:A:ALA:HB2	2	0.88	0.03	0.88
(2,1685)	1:16:A:SER:HB3	1:19:A:ALA:HB3	2	0.88	0.03	0.88
(4,1645)	1:16:A:SER:HB3	1:19:A:ALA:HB1	2	0.88	0.03	0.88
(4,1645)	1:16:A:SER:HB3	1:19:A:ALA:HB2	2	0.88	0.03	0.88
(4,1645)	1:16:A:SER:HB3	1:19:A:ALA:HB3	2	0.88	0.03	0.88
(5,1689)	1:16:A:SER:HB3	1:19:A:ALA:HB1	2	0.88	0.03	0.88
(5,1689)	1:16:A:SER:HB3	1:19:A:ALA:HB2	2	0.88	0.03	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,1689)	1:16:A:SER:HB3	1:19:A:ALA:HB3	2	0.88	0.03	0.88
(9,1235)	1:43:A:MET:HG2	1:140:A:LEU:HD11	2	0.88	0.45	0.88
(9,1235)	1:43:A:MET:HG2	1:140:A:LEU:HD12	2	0.88	0.45	0.88
(9,1235)	1:43:A:MET:HG2	1:140:A:LEU:HD13	2	0.88	0.45	0.88
(11,1702)	1:16:A:SER:HB3	1:19:A:ALA:HB1	2	0.88	0.03	0.88
(11,1702)	1:16:A:SER:HB3	1:19:A:ALA:HB2	2	0.88	0.03	0.88
(11,1702)	1:16:A:SER:HB3	1:19:A:ALA:HB3	2	0.88	0.03	0.88
(13,1635)	1:16:A:SER:HB3	1:19:A:ALA:HB1	2	0.88	0.03	0.88
(13,1635)	1:16:A:SER:HB3	1:19:A:ALA:HB2	2	0.88	0.03	0.88
(13,1635)	1:16:A:SER:HB3	1:19:A:ALA:HB3	2	0.88	0.03	0.88
(15,1662)	1:16:A:SER:HB3	1:19:A:ALA:HB1	2	0.88	0.03	0.88
(15,1662)	1:16:A:SER:HB3	1:19:A:ALA:HB2	2	0.88	0.03	0.88
(15,1662)	1:16:A:SER:HB3	1:19:A:ALA:HB3	2	0.88	0.03	0.88
(16,1662)	1:16:A:SER:HB3	1:19:A:ALA:HB1	2	0.88	0.03	0.88
(16,1662)	1:16:A:SER:HB3	1:19:A:ALA:HB2	2	0.88	0.03	0.88
(16,1662)	1:16:A:SER:HB3	1:19:A:ALA:HB3	2	0.88	0.03	0.88
(17,1684)	1:16:A:SER:HB3	1:19:A:ALA:HB1	2	0.88	0.03	0.88
(17,1684)	1:16:A:SER:HB3	1:19:A:ALA:HB2	2	0.88	0.03	0.88
(17,1684)	1:16:A:SER:HB3	1:19:A:ALA:HB3	2	0.88	0.03	0.88
(18,1654)	1:16:A:SER:HB3	1:19:A:ALA:HB1	2	0.88	0.03	0.88
(18,1654)	1:16:A:SER:HB3	1:19:A:ALA:HB2	2	0.88	0.03	0.88
(18,1654)	1:16:A:SER:HB3	1:19:A:ALA:HB3	2	0.88	0.03	0.88
(29,1690)	1:16:A:SER:HB3	1:19:A:ALA:HB1	2	0.88	0.03	0.88
(29,1690)	1:16:A:SER:HB3	1:19:A:ALA:HB2	2	0.88	0.03	0.88
(29,1690)	1:16:A:SER:HB3	1:19:A:ALA:HB3	2	0.88	0.03	0.88
(33,1657)	1:16:A:SER:HB3	1:19:A:ALA:HB1	2	0.88	0.03	0.88
(33,1657)	1:16:A:SER:HB3	1:19:A:ALA:HB2	2	0.88	0.03	0.88
(33,1657)	1:16:A:SER:HB3	1:19:A:ALA:HB3	2	0.88	0.03	0.88
(4,1246)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	2	0.88	0.54	0.88
(4,1246)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	2	0.88	0.54	0.88
(4,1246)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	2	0.88	0.54	0.88
(2,2337)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	2	0.87	0.15	0.87
(2,2337)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	2	0.87	0.15	0.87
(7,2301)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	2	0.87	0.15	0.87
(7,2301)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	2	0.87	0.15	0.87
(9,1737)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	2	0.87	0.56	0.87
(9,1737)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	2	0.87	0.56	0.87
(9,1737)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	2	0.87	0.56	0.87
(15,821)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	2	0.86	0.26	0.86
(15,821)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	2	0.86	0.26	0.86
(15,821)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	2	0.86	0.26	0.86
(13,2297)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	2	0.86	0.15	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,2297)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	2	0.86	0.15	0.86
(30,1626)	1:33:A:LYS:HA	1:80:A:TYR:HB2	2	0.86	0.41	0.86
(6,2211)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	2	0.85	0.22	0.85
(6,2211)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	2	0.85	0.22	0.85
(6,2211)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	2	0.85	0.22	0.85
(6,2211)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	2	0.85	0.22	0.85
(6,2211)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	2	0.85	0.22	0.85
(6,2211)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	2	0.85	0.22	0.85
(6,2211)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	2	0.85	0.22	0.85
(6,2211)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	2	0.85	0.22	0.85
(6,2211)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	2	0.85	0.22	0.85
(6,2211)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	2	0.85	0.22	0.85
(6,2211)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	2	0.85	0.22	0.85
(6,2211)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	2	0.85	0.22	0.85
(6,2211)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	2	0.85	0.22	0.85
(6,2211)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	2	0.85	0.22	0.85
(6,2211)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	2	0.85	0.22	0.85
(6,2211)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	2	0.85	0.22	0.85
(6,2211)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	2	0.85	0.22	0.85
(6,2211)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	2	0.85	0.22	0.85
(9,2164)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	2	0.85	0.22	0.85
(9,2164)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	2	0.85	0.22	0.85
(9,2164)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	2	0.85	0.22	0.85
(9,2164)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	2	0.85	0.22	0.85
(9,2164)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	2	0.85	0.22	0.85
(9,2164)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	2	0.85	0.22	0.85
(9,2164)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	2	0.85	0.22	0.85
(9,2164)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	2	0.85	0.22	0.85
(9,2164)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	2	0.85	0.22	0.85
(9,2164)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	2	0.85	0.22	0.85
(9,2164)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	2	0.85	0.22	0.85
(9,2164)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	2	0.85	0.22	0.85
(9,2164)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	2	0.85	0.22	0.85
(9,2164)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	2	0.85	0.22	0.85
(9,2164)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	2	0.85	0.22	0.85
(9,2164)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	2	0.85	0.22	0.85
(9,2164)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	2	0.85	0.22	0.85
(9,2164)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	2	0.85	0.22	0.85
(6,838)	1:68:A:LYS:HA	1:68:A:LYS:HE2	2	0.84	0.42	0.84
(6,838)	1:68:A:LYS:HA	1:68:A:LYS:HE3	2	0.84	0.42	0.84
(9,845)	1:60:A:LEU:HB3	1:63:A:ILE:HG13	2	0.84	0.36	0.84
(11,845)	1:68:A:LYS:HA	1:68:A:LYS:HE2	2	0.84	0.42	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,845)	1:68:A:LYS:HA	1:68:A:LYS:HE3	2	0.84	0.42	0.84
(16,855)	1:68:A:LYS:HA	1:68:A:LYS:HE2	2	0.84	0.42	0.84
(16,855)	1:68:A:LYS:HA	1:68:A:LYS:HE3	2	0.84	0.42	0.84
(7,1909)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	2	0.84	0.28	0.84
(7,1909)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	2	0.84	0.28	0.84
(7,1909)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	2	0.84	0.28	0.84
(7,1909)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	2	0.84	0.28	0.84
(7,1909)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	2	0.84	0.28	0.84
(7,1909)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	2	0.84	0.28	0.84
(7,1909)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	2	0.84	0.28	0.84
(7,1909)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	2	0.84	0.28	0.84
(7,1909)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	2	0.84	0.28	0.84
(7,1909)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	2	0.84	0.28	0.84
(7,1909)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	2	0.84	0.28	0.84
(7,1909)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	2	0.84	0.28	0.84
(3,2468)	1:136:A:CYS:HB2	1:141:A:LYS:HA	2	0.84	0.06	0.84
(3,2468)	1:136:A:CYS:HB3	1:141:A:LYS:HA	2	0.84	0.06	0.84
(1,1997)	1:17:A:ASN:HB2	1:113:A:PHE:HE1	2	0.83	0.28	0.83
(1,1997)	1:17:A:ASN:HB2	1:113:A:PHE:HE2	2	0.83	0.28	0.83
(1,1997)	1:17:A:ASN:HB3	1:113:A:PHE:HE1	2	0.83	0.28	0.83
(1,1997)	1:17:A:ASN:HB3	1:113:A:PHE:HE2	2	0.83	0.28	0.83
(4,2107)	1:39:A:VAL:HG11	1:140:A:LEU:HG	2	0.83	0.03	0.83
(4,2107)	1:39:A:VAL:HG12	1:140:A:LEU:HG	2	0.83	0.03	0.83
(4,2107)	1:39:A:VAL:HG13	1:140:A:LEU:HG	2	0.83	0.03	0.83
(4,2107)	1:39:A:VAL:HG21	1:140:A:LEU:HG	2	0.83	0.03	0.83
(4,2107)	1:39:A:VAL:HG22	1:140:A:LEU:HG	2	0.83	0.03	0.83
(4,2107)	1:39:A:VAL:HG23	1:140:A:LEU:HG	2	0.83	0.03	0.83
(11,2128)	1:39:A:VAL:HG11	1:140:A:LEU:HG	2	0.83	0.03	0.83
(11,2128)	1:39:A:VAL:HG12	1:140:A:LEU:HG	2	0.83	0.03	0.83
(11,2128)	1:39:A:VAL:HG13	1:140:A:LEU:HG	2	0.83	0.03	0.83
(11,2128)	1:39:A:VAL:HG21	1:140:A:LEU:HG	2	0.83	0.03	0.83
(11,2128)	1:39:A:VAL:HG22	1:140:A:LEU:HG	2	0.83	0.03	0.83
(11,2128)	1:39:A:VAL:HG23	1:140:A:LEU:HG	2	0.83	0.03	0.83
(15,2088)	1:39:A:VAL:HG11	1:140:A:LEU:HG	2	0.83	0.03	0.83
(15,2088)	1:39:A:VAL:HG12	1:140:A:LEU:HG	2	0.83	0.03	0.83
(15,2088)	1:39:A:VAL:HG13	1:140:A:LEU:HG	2	0.83	0.03	0.83
(15,2088)	1:39:A:VAL:HG21	1:140:A:LEU:HG	2	0.83	0.03	0.83
(15,2088)	1:39:A:VAL:HG22	1:140:A:LEU:HG	2	0.83	0.03	0.83
(15,2088)	1:39:A:VAL:HG23	1:140:A:LEU:HG	2	0.83	0.03	0.83
(17,2130)	1:39:A:VAL:HG11	1:140:A:LEU:HG	2	0.83	0.03	0.83
(17,2130)	1:39:A:VAL:HG12	1:140:A:LEU:HG	2	0.83	0.03	0.83
(17,2130)	1:39:A:VAL:HG13	1:140:A:LEU:HG	2	0.83	0.03	0.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,2130)	1:39:A:VAL:HG21	1:140:A:LEU:HG	2	0.83	0.03	0.83
(17,2130)	1:39:A:VAL:HG22	1:140:A:LEU:HG	2	0.83	0.03	0.83
(17,2130)	1:39:A:VAL:HG23	1:140:A:LEU:HG	2	0.83	0.03	0.83
(29,2125)	1:39:A:VAL:HG11	1:140:A:LEU:HG	2	0.83	0.03	0.83
(29,2125)	1:39:A:VAL:HG12	1:140:A:LEU:HG	2	0.83	0.03	0.83
(29,2125)	1:39:A:VAL:HG13	1:140:A:LEU:HG	2	0.83	0.03	0.83
(29,2125)	1:39:A:VAL:HG21	1:140:A:LEU:HG	2	0.83	0.03	0.83
(29,2125)	1:39:A:VAL:HG22	1:140:A:LEU:HG	2	0.83	0.03	0.83
(29,2125)	1:39:A:VAL:HG23	1:140:A:LEU:HG	2	0.83	0.03	0.83
(32,1201)	1:43:A:MET:HG2	1:140:A:LEU:HD11	2	0.83	0.45	0.83
(32,1201)	1:43:A:MET:HG2	1:140:A:LEU:HD12	2	0.83	0.45	0.83
(32,1201)	1:43:A:MET:HG2	1:140:A:LEU:HD13	2	0.83	0.45	0.83
(33,2118)	1:39:A:VAL:HG11	1:140:A:LEU:HG	2	0.83	0.03	0.83
(33,2118)	1:39:A:VAL:HG12	1:140:A:LEU:HG	2	0.83	0.03	0.83
(33,2118)	1:39:A:VAL:HG13	1:140:A:LEU:HG	2	0.83	0.03	0.83
(33,2118)	1:39:A:VAL:HG21	1:140:A:LEU:HG	2	0.83	0.03	0.83
(33,2118)	1:39:A:VAL:HG22	1:140:A:LEU:HG	2	0.83	0.03	0.83
(33,2118)	1:39:A:VAL:HG23	1:140:A:LEU:HG	2	0.83	0.03	0.83
(2,2033)	1:16:A:SER:HB2	1:19:A:ALA:HB1	2	0.83	0.35	0.83
(2,2033)	1:16:A:SER:HB2	1:19:A:ALA:HB2	2	0.83	0.35	0.83
(2,2033)	1:16:A:SER:HB2	1:19:A:ALA:HB3	2	0.83	0.35	0.83
(2,2033)	1:16:A:SER:HB3	1:19:A:ALA:HB1	2	0.83	0.35	0.83
(2,2033)	1:16:A:SER:HB3	1:19:A:ALA:HB2	2	0.83	0.35	0.83
(2,2033)	1:16:A:SER:HB3	1:19:A:ALA:HB3	2	0.83	0.35	0.83
(6,1668)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	2	0.82	0.03	0.82
(6,1668)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	2	0.82	0.03	0.82
(11,1700)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	2	0.82	0.03	0.82
(11,1700)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	2	0.82	0.03	0.82
(34,1678)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	2	0.82	0.03	0.82
(34,1678)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	2	0.82	0.03	0.82
(1,2035)	1:27:A:ARG:HA	1:30:A:LEU:HD11	2	0.82	0.6	0.82
(1,2035)	1:27:A:ARG:HA	1:30:A:LEU:HD12	2	0.82	0.6	0.82
(1,2035)	1:27:A:ARG:HA	1:30:A:LEU:HD13	2	0.82	0.6	0.82
(1,2035)	1:27:A:ARG:HA	1:30:A:LEU:HD21	2	0.82	0.6	0.82
(1,2035)	1:27:A:ARG:HA	1:30:A:LEU:HD22	2	0.82	0.6	0.82
(1,2035)	1:27:A:ARG:HA	1:30:A:LEU:HD23	2	0.82	0.6	0.82
(9,2025)	1:27:A:ARG:HA	1:30:A:LEU:HD11	2	0.82	0.6	0.82
(9,2025)	1:27:A:ARG:HA	1:30:A:LEU:HD12	2	0.82	0.6	0.82
(9,2025)	1:27:A:ARG:HA	1:30:A:LEU:HD13	2	0.82	0.6	0.82
(9,2025)	1:27:A:ARG:HA	1:30:A:LEU:HD21	2	0.82	0.6	0.82
(9,2025)	1:27:A:ARG:HA	1:30:A:LEU:HD22	2	0.82	0.6	0.82
(9,2025)	1:27:A:ARG:HA	1:30:A:LEU:HD23	2	0.82	0.6	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,2053)	1:27:A:ARG:HA	1:30:A:LEU:HD11	2	0.82	0.6	0.82
(34,2053)	1:27:A:ARG:HA	1:30:A:LEU:HD12	2	0.82	0.6	0.82
(34,2053)	1:27:A:ARG:HA	1:30:A:LEU:HD13	2	0.82	0.6	0.82
(34,2053)	1:27:A:ARG:HA	1:30:A:LEU:HD21	2	0.82	0.6	0.82
(34,2053)	1:27:A:ARG:HA	1:30:A:LEU:HD22	2	0.82	0.6	0.82
(34,2053)	1:27:A:ARG:HA	1:30:A:LEU:HD23	2	0.82	0.6	0.82
(1,1678)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	2	0.81	0.03	0.81
(1,1678)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	2	0.81	0.03	0.81
(4,1256)	1:15:A:ALA:HA	1:131:A:LEU:HG	2	0.81	0.25	0.81
(5,1272)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	2	0.8	0.01	0.8
(5,1272)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	2	0.8	0.01	0.8
(5,1272)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	2	0.8	0.01	0.8
(5,1272)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	2	0.8	0.01	0.8
(5,1272)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	2	0.8	0.01	0.8
(5,1272)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	2	0.8	0.01	0.8
(6,1386)	1:16:A:SER:HA	1:19:A:ALA:HB1	2	0.8	0.25	0.8
(6,1386)	1:16:A:SER:HA	1:19:A:ALA:HB2	2	0.8	0.25	0.8
(6,1386)	1:16:A:SER:HA	1:19:A:ALA:HB3	2	0.8	0.25	0.8
(11,1280)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	2	0.8	0.01	0.8
(11,1280)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	2	0.8	0.01	0.8
(11,1280)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	2	0.8	0.01	0.8
(11,1280)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	2	0.8	0.01	0.8
(11,1280)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	2	0.8	0.01	0.8
(11,1280)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	2	0.8	0.01	0.8
(11,1582)	1:60:A:LEU:HA	1:117:A:VAL:HG21	2	0.8	0.02	0.8
(11,1582)	1:60:A:LEU:HA	1:117:A:VAL:HG22	2	0.8	0.02	0.8
(11,1582)	1:60:A:LEU:HA	1:117:A:VAL:HG23	2	0.8	0.02	0.8
(17,1267)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	2	0.8	0.01	0.8
(17,1267)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	2	0.8	0.01	0.8
(17,1267)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	2	0.8	0.01	0.8
(17,1267)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	2	0.8	0.01	0.8
(17,1267)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	2	0.8	0.01	0.8
(17,1267)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	2	0.8	0.01	0.8
(29,1688)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	2	0.8	0.03	0.8
(29,1688)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	2	0.8	0.03	0.8
(33,2065)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	2	0.8	0.53	0.8
(33,2065)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	2	0.8	0.53	0.8
(33,2065)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	2	0.8	0.53	0.8
(33,2065)	1:31:A:PRO:HD2	1:144:A:LEU:HD21	2	0.8	0.53	0.8
(33,2065)	1:31:A:PRO:HD2	1:144:A:LEU:HD22	2	0.8	0.53	0.8
(33,2065)	1:31:A:PRO:HD2	1:144:A:LEU:HD23	2	0.8	0.53	0.8
(33,2065)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	2	0.8	0.53	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,2065)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	2	0.8	0.53	0.8
(33,2065)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	2	0.8	0.53	0.8
(33,2065)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	2	0.8	0.53	0.8
(33,2065)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	2	0.8	0.53	0.8
(33,2065)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	2	0.8	0.53	0.8
(2,2225)	1:60:A:LEU:HB2	1:63:A:ILE:HG13	2	0.8	0.34	0.8
(2,2225)	1:60:A:LEU:HB3	1:63:A:ILE:HG13	2	0.8	0.34	0.8
(33,1244)	1:39:A:VAL:H	1:139:A:LEU:HD21	2	0.78	0.48	0.78
(33,1244)	1:39:A:VAL:H	1:139:A:LEU:HD22	2	0.78	0.48	0.78
(33,1244)	1:39:A:VAL:H	1:139:A:LEU:HD23	2	0.78	0.48	0.78
(1,1635)	1:33:A:LYS:HA	1:80:A:TYR:HB2	2	0.78	0.41	0.78
(3,1947)	1:140:A:LEU:HD11	1:143:A:TRP:HD1	2	0.78	0.5	0.78
(3,1947)	1:140:A:LEU:HD12	1:143:A:TRP:HD1	2	0.78	0.5	0.78
(3,1947)	1:140:A:LEU:HD13	1:143:A:TRP:HD1	2	0.78	0.5	0.78
(29,1248)	1:43:A:MET:HG2	1:140:A:LEU:HD11	2	0.78	0.45	0.78
(29,1248)	1:43:A:MET:HG2	1:140:A:LEU:HD12	2	0.78	0.45	0.78
(29,1248)	1:43:A:MET:HG2	1:140:A:LEU:HD13	2	0.78	0.45	0.78
(32,1881)	1:140:A:LEU:HD11	1:143:A:TRP:HD1	2	0.78	0.5	0.78
(32,1881)	1:140:A:LEU:HD12	1:143:A:TRP:HD1	2	0.78	0.5	0.78
(32,1881)	1:140:A:LEU:HD13	1:143:A:TRP:HD1	2	0.78	0.5	0.78
(33,1757)	1:140:A:LEU:HD11	1:143:A:TRP:HD1	2	0.78	0.5	0.78
(33,1757)	1:140:A:LEU:HD12	1:143:A:TRP:HD1	2	0.78	0.5	0.78
(33,1757)	1:140:A:LEU:HD13	1:143:A:TRP:HD1	2	0.78	0.5	0.78
(32,1873)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	2	0.77	0.39	0.77
(32,1873)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	2	0.77	0.39	0.77
(32,1873)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	2	0.77	0.39	0.77
(32,1873)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	2	0.77	0.39	0.77
(32,1873)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	2	0.77	0.39	0.77
(32,1873)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	2	0.77	0.39	0.77
(1,2308)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(1,2308)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(1,2308)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(1,2308)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(1,2308)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(1,2308)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(1,2308)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(1,2308)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(1,2308)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(1,2308)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(1,2308)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(1,2308)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(2,793)	1:63:A:ILE:HD11	1:117:A:VAL:HG21	2	0.77	0.02	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,793)	1:63:A:ILE:HD11	1:117:A:VAL:HG22	2	0.77	0.02	0.77
(2,793)	1:63:A:ILE:HD11	1:117:A:VAL:HG23	2	0.77	0.02	0.77
(2,793)	1:63:A:ILE:HD12	1:117:A:VAL:HG21	2	0.77	0.02	0.77
(2,793)	1:63:A:ILE:HD12	1:117:A:VAL:HG22	2	0.77	0.02	0.77
(2,793)	1:63:A:ILE:HD12	1:117:A:VAL:HG23	2	0.77	0.02	0.77
(2,793)	1:63:A:ILE:HD13	1:117:A:VAL:HG21	2	0.77	0.02	0.77
(2,793)	1:63:A:ILE:HD13	1:117:A:VAL:HG22	2	0.77	0.02	0.77
(2,793)	1:63:A:ILE:HD13	1:117:A:VAL:HG23	2	0.77	0.02	0.77
(3,2367)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(3,2367)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(3,2367)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(3,2367)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(3,2367)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(3,2367)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(3,2367)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(3,2367)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(3,2367)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(3,2367)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(3,2367)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(3,2367)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(6,1268)	1:15:A:ALA:HA	1:131:A:LEU:HG	2	0.77	0.25	0.77
(6,2335)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(6,2335)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(6,2335)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(6,2335)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(6,2335)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(6,2335)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(6,2335)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(6,2335)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(6,2335)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(6,2335)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(6,2335)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(6,2335)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(9,1278)	1:15:A:ALA:HA	1:131:A:LEU:HG	2	0.77	0.25	0.77
(11,798)	1:63:A:ILE:HD11	1:117:A:VAL:HG21	2	0.77	0.02	0.77
(11,798)	1:63:A:ILE:HD11	1:117:A:VAL:HG22	2	0.77	0.02	0.77
(11,798)	1:63:A:ILE:HD11	1:117:A:VAL:HG23	2	0.77	0.02	0.77
(11,798)	1:63:A:ILE:HD12	1:117:A:VAL:HG21	2	0.77	0.02	0.77
(11,798)	1:63:A:ILE:HD12	1:117:A:VAL:HG22	2	0.77	0.02	0.77
(11,798)	1:63:A:ILE:HD12	1:117:A:VAL:HG23	2	0.77	0.02	0.77
(11,798)	1:63:A:ILE:HD13	1:117:A:VAL:HG21	2	0.77	0.02	0.77
(11,798)	1:63:A:ILE:HD13	1:117:A:VAL:HG22	2	0.77	0.02	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,798)	1:63:A:ILE:HD13	1:117:A:VAL:HG23	2	0.77	0.02	0.77
(11,1296)	1:15:A:ALA:HA	1:131:A:LEU:HG	2	0.77	0.25	0.77
(11,2346)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(11,2346)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(11,2346)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(11,2346)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(11,2346)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(11,2346)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(11,2346)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(11,2346)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(11,2346)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(11,2346)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(11,2346)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(11,2346)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(13,1251)	1:15:A:ALA:HA	1:131:A:LEU:HG	2	0.77	0.25	0.77
(13,2312)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(13,2312)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(13,2312)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(13,2312)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(13,2312)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(13,2312)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(13,2312)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(13,2312)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(13,2312)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(13,2312)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(13,2312)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(13,2312)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(15,1279)	1:15:A:ALA:HA	1:131:A:LEU:HG	2	0.77	0.25	0.77
(15,2324)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(15,2324)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(15,2324)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(15,2324)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(15,2324)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(15,2324)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(15,2324)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(15,2324)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(15,2324)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(15,2324)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(15,2324)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(15,2324)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(16,1279)	1:15:A:ALA:HA	1:131:A:LEU:HG	2	0.77	0.25	0.77
(17,2340)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	2	0.77	0.27	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,2340)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(17,2340)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(17,2340)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(17,2340)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(17,2340)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(17,2340)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(17,2340)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(17,2340)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(17,2340)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(17,2340)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(17,2340)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(29,1290)	1:15:A:ALA:HA	1:131:A:LEU:HG	2	0.77	0.25	0.77
(30,793)	1:63:A:ILE:HD11	1:117:A:VAL:HG21	2	0.77	0.02	0.77
(30,793)	1:63:A:ILE:HD11	1:117:A:VAL:HG22	2	0.77	0.02	0.77
(30,793)	1:63:A:ILE:HD11	1:117:A:VAL:HG23	2	0.77	0.02	0.77
(30,793)	1:63:A:ILE:HD12	1:117:A:VAL:HG21	2	0.77	0.02	0.77
(30,793)	1:63:A:ILE:HD12	1:117:A:VAL:HG22	2	0.77	0.02	0.77
(30,793)	1:63:A:ILE:HD12	1:117:A:VAL:HG23	2	0.77	0.02	0.77
(30,793)	1:63:A:ILE:HD13	1:117:A:VAL:HG21	2	0.77	0.02	0.77
(30,793)	1:63:A:ILE:HD13	1:117:A:VAL:HG22	2	0.77	0.02	0.77
(30,793)	1:63:A:ILE:HD13	1:117:A:VAL:HG23	2	0.77	0.02	0.77
(30,1274)	1:15:A:ALA:HA	1:131:A:LEU:HG	2	0.77	0.25	0.77
(32,1248)	1:15:A:ALA:HA	1:131:A:LEU:HG	2	0.77	0.25	0.77
(33,1286)	1:15:A:ALA:HA	1:131:A:LEU:HG	2	0.77	0.25	0.77
(33,2340)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(33,2340)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(33,2340)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(33,2340)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(33,2340)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(33,2340)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(33,2340)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(33,2340)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(33,2340)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(33,2340)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(33,2340)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(33,2340)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(34,1308)	1:15:A:ALA:HA	1:131:A:LEU:HG	2	0.77	0.25	0.77
(34,2339)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(34,2339)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(34,2339)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(34,2339)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(34,2339)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	2	0.77	0.27	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,2339)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(34,2339)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(34,2339)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(34,2339)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(34,2339)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(34,2339)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	2	0.77	0.27	0.77
(34,2339)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	2	0.77	0.27	0.77
(3,1261)	1:39:A:VAL:H	1:139:A:LEU:HD21	2	0.76	0.48	0.76
(3,1261)	1:39:A:VAL:H	1:139:A:LEU:HD22	2	0.76	0.48	0.76
(3,1261)	1:39:A:VAL:H	1:139:A:LEU:HD23	2	0.76	0.48	0.76
(15,1237)	1:39:A:VAL:H	1:139:A:LEU:HD21	2	0.76	0.48	0.76
(15,1237)	1:39:A:VAL:H	1:139:A:LEU:HD22	2	0.76	0.48	0.76
(15,1237)	1:39:A:VAL:H	1:139:A:LEU:HD23	2	0.76	0.48	0.76
(13,806)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	2	0.76	0.26	0.76
(13,806)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	2	0.76	0.26	0.76
(13,806)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	2	0.76	0.26	0.76
(13,1209)	1:43:A:MET:HG2	1:140:A:LEU:HD11	2	0.76	0.45	0.76
(13,1209)	1:43:A:MET:HG2	1:140:A:LEU:HD12	2	0.76	0.45	0.76
(13,1209)	1:43:A:MET:HG2	1:140:A:LEU:HD13	2	0.76	0.45	0.76
(30,1939)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	2	0.76	0.38	0.76
(30,1939)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	2	0.76	0.38	0.76
(30,1939)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	2	0.76	0.38	0.76
(30,1939)	1:9:A:PHE:HZ	1:40:A:LEU:HD21	2	0.76	0.38	0.76
(30,1939)	1:9:A:PHE:HZ	1:40:A:LEU:HD22	2	0.76	0.38	0.76
(30,1939)	1:9:A:PHE:HZ	1:40:A:LEU:HD23	2	0.76	0.38	0.76
(13,1213)	1:39:A:VAL:H	1:139:A:LEU:HD21	2	0.76	0.48	0.76
(13,1213)	1:39:A:VAL:H	1:139:A:LEU:HD22	2	0.76	0.48	0.76
(13,1213)	1:39:A:VAL:H	1:139:A:LEU:HD23	2	0.76	0.48	0.76
(29,627)	1:34:A:LYS:HG2	1:35:A:LEU:H	2	0.76	0.3	0.76
(29,627)	1:34:A:LYS:HG3	1:35:A:LEU:H	2	0.76	0.3	0.76
(29,2074)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	2	0.75	0.53	0.75
(29,2074)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	2	0.75	0.53	0.75
(29,2074)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	2	0.75	0.53	0.75
(29,2074)	1:31:A:PRO:HD2	1:144:A:LEU:HD21	2	0.75	0.53	0.75
(29,2074)	1:31:A:PRO:HD2	1:144:A:LEU:HD22	2	0.75	0.53	0.75
(29,2074)	1:31:A:PRO:HD2	1:144:A:LEU:HD23	2	0.75	0.53	0.75
(29,2074)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	2	0.75	0.53	0.75
(29,2074)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	2	0.75	0.53	0.75
(29,2074)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	2	0.75	0.53	0.75
(29,2074)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	2	0.75	0.53	0.75
(29,2074)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	2	0.75	0.53	0.75
(29,2074)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	2	0.75	0.53	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,1255)	1:39:A:VAL:H	1:139:A:LEU:HD21	2	0.74	0.48	0.74
(11,1255)	1:39:A:VAL:H	1:139:A:LEU:HD22	2	0.74	0.48	0.74
(11,1255)	1:39:A:VAL:H	1:139:A:LEU:HD23	2	0.74	0.48	0.74
(32,608)	1:34:A:LYS:HG2	1:35:A:LEU:H	2	0.74	0.3	0.74
(32,608)	1:34:A:LYS:HG3	1:35:A:LEU:H	2	0.74	0.3	0.74
(2,1950)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	2	0.74	0.55	0.74
(2,1950)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	2	0.74	0.55	0.74
(2,1950)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	2	0.74	0.55	0.74
(3,1459)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	2	0.74	0.05	0.74
(3,1459)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	2	0.74	0.05	0.74
(3,1459)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	2	0.74	0.05	0.74
(5,787)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	2	0.74	0.56	0.74
(5,787)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	2	0.74	0.56	0.74
(5,787)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	2	0.74	0.56	0.74
(5,787)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	2	0.74	0.56	0.74
(5,787)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	2	0.74	0.56	0.74
(5,787)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	2	0.74	0.56	0.74
(17,1458)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	2	0.74	0.05	0.74
(17,1458)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	2	0.74	0.05	0.74
(17,1458)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	2	0.74	0.05	0.74
(5,918)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	2	0.73	0.25	0.73
(5,918)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	2	0.73	0.25	0.73
(5,918)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	2	0.73	0.25	0.73
(18,926)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	2	0.73	0.25	0.73
(18,926)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	2	0.73	0.25	0.73
(18,926)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	2	0.73	0.25	0.73
(3,1659)	1:125:A:THR:HA	1:127:A:CYS:HB3	2	0.73	0.58	0.73
(9,1617)	1:125:A:THR:HA	1:127:A:CYS:HB3	2	0.73	0.58	0.73
(18,1175)	1:136:A:CYS:HA	1:140:A:LEU:HD21	2	0.72	0.28	0.72
(18,1175)	1:136:A:CYS:HA	1:140:A:LEU:HD22	2	0.72	0.28	0.72
(18,1175)	1:136:A:CYS:HA	1:140:A:LEU:HD23	2	0.72	0.28	0.72
(29,1183)	1:136:A:CYS:HA	1:140:A:LEU:HD21	2	0.72	0.28	0.72
(29,1183)	1:136:A:CYS:HA	1:140:A:LEU:HD22	2	0.72	0.28	0.72
(29,1183)	1:136:A:CYS:HA	1:140:A:LEU:HD23	2	0.72	0.28	0.72
(34,1194)	1:136:A:CYS:HA	1:140:A:LEU:HD21	2	0.72	0.28	0.72
(34,1194)	1:136:A:CYS:HA	1:140:A:LEU:HD22	2	0.72	0.28	0.72
(34,1194)	1:136:A:CYS:HA	1:140:A:LEU:HD23	2	0.72	0.28	0.72
(1,1909)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	2	0.72	0.06	0.72
(1,1909)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	2	0.72	0.06	0.72
(1,1909)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	2	0.72	0.06	0.72
(1,1909)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	2	0.72	0.06	0.72
(1,1909)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	2	0.72	0.06	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1909)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	2	0.72	0.06	0.72
(4,1158)	1:27:A:ARG:HB3	1:30:A:LEU:HD21	2	0.72	0.14	0.72
(4,1158)	1:27:A:ARG:HB3	1:30:A:LEU:HD22	2	0.72	0.14	0.72
(4,1158)	1:27:A:ARG:HB3	1:30:A:LEU:HD23	2	0.72	0.14	0.72
(7,1276)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	2	0.72	0.06	0.72
(7,1276)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	2	0.72	0.06	0.72
(7,1276)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	2	0.72	0.06	0.72
(7,1276)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	2	0.72	0.06	0.72
(7,1276)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	2	0.72	0.06	0.72
(7,1276)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	2	0.72	0.06	0.72
(11,1913)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	2	0.72	0.06	0.72
(11,1913)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	2	0.72	0.06	0.72
(11,1913)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	2	0.72	0.06	0.72
(11,1913)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	2	0.72	0.06	0.72
(11,1913)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	2	0.72	0.06	0.72
(11,1913)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	2	0.72	0.06	0.72
(16,1879)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	2	0.72	0.06	0.72
(16,1879)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	2	0.72	0.06	0.72
(16,1879)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	2	0.72	0.06	0.72
(16,1879)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	2	0.72	0.06	0.72
(16,1879)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	2	0.72	0.06	0.72
(16,1879)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	2	0.72	0.06	0.72
(17,1910)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	2	0.72	0.06	0.72
(17,1910)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	2	0.72	0.06	0.72
(17,1910)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	2	0.72	0.06	0.72
(17,1910)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	2	0.72	0.06	0.72
(17,1910)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	2	0.72	0.06	0.72
(17,1910)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	2	0.72	0.06	0.72
(18,1883)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	2	0.72	0.06	0.72
(18,1883)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	2	0.72	0.06	0.72
(18,1883)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	2	0.72	0.06	0.72
(18,1883)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	2	0.72	0.06	0.72
(18,1883)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	2	0.72	0.06	0.72
(18,1883)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	2	0.72	0.06	0.72
(29,1912)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	2	0.72	0.06	0.72
(29,1912)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	2	0.72	0.06	0.72
(29,1912)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	2	0.72	0.06	0.72
(29,1912)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	2	0.72	0.06	0.72
(29,1912)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	2	0.72	0.06	0.72
(29,1912)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	2	0.72	0.06	0.72
(30,1895)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	2	0.72	0.06	0.72
(30,1895)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	2	0.72	0.06	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,1895)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	2	0.72	0.06	0.72
(30,1895)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	2	0.72	0.06	0.72
(30,1895)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	2	0.72	0.06	0.72
(30,1895)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	2	0.72	0.06	0.72
(1,1946)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	2	0.72	0.4	0.72
(1,1946)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	2	0.72	0.4	0.72
(1,1946)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	2	0.72	0.4	0.72
(1,1946)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	2	0.72	0.4	0.72
(1,1946)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	2	0.72	0.4	0.72
(1,1946)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	2	0.72	0.4	0.72
(1,1946)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	2	0.72	0.4	0.72
(1,1946)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	2	0.72	0.4	0.72
(1,1946)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	2	0.72	0.4	0.72
(1,1946)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	2	0.72	0.4	0.72
(1,1946)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	2	0.72	0.4	0.72
(1,1946)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	2	0.72	0.4	0.72
(6,2120)	1:39:A:VAL:HG11	1:144:A:LEU:HD21	2	0.72	0.18	0.72
(6,2120)	1:39:A:VAL:HG11	1:144:A:LEU:HD22	2	0.72	0.18	0.72
(6,2120)	1:39:A:VAL:HG11	1:144:A:LEU:HD23	2	0.72	0.18	0.72
(6,2120)	1:39:A:VAL:HG12	1:144:A:LEU:HD21	2	0.72	0.18	0.72
(6,2120)	1:39:A:VAL:HG12	1:144:A:LEU:HD22	2	0.72	0.18	0.72
(6,2120)	1:39:A:VAL:HG12	1:144:A:LEU:HD23	2	0.72	0.18	0.72
(6,2120)	1:39:A:VAL:HG13	1:144:A:LEU:HD21	2	0.72	0.18	0.72
(6,2120)	1:39:A:VAL:HG13	1:144:A:LEU:HD22	2	0.72	0.18	0.72
(6,2120)	1:39:A:VAL:HG13	1:144:A:LEU:HD23	2	0.72	0.18	0.72
(6,2120)	1:39:A:VAL:HG21	1:144:A:LEU:HD21	2	0.72	0.18	0.72
(6,2120)	1:39:A:VAL:HG21	1:144:A:LEU:HD22	2	0.72	0.18	0.72
(6,2120)	1:39:A:VAL:HG21	1:144:A:LEU:HD23	2	0.72	0.18	0.72
(6,2120)	1:39:A:VAL:HG22	1:144:A:LEU:HD21	2	0.72	0.18	0.72
(6,2120)	1:39:A:VAL:HG22	1:144:A:LEU:HD22	2	0.72	0.18	0.72
(6,2120)	1:39:A:VAL:HG22	1:144:A:LEU:HD23	2	0.72	0.18	0.72
(6,2120)	1:39:A:VAL:HG23	1:144:A:LEU:HD21	2	0.72	0.18	0.72
(6,2120)	1:39:A:VAL:HG23	1:144:A:LEU:HD22	2	0.72	0.18	0.72
(6,2120)	1:39:A:VAL:HG23	1:144:A:LEU:HD23	2	0.72	0.18	0.72
(13,2073)	1:39:A:VAL:HG11	1:144:A:LEU:HD21	2	0.72	0.18	0.72
(13,2073)	1:39:A:VAL:HG11	1:144:A:LEU:HD22	2	0.72	0.18	0.72
(13,2073)	1:39:A:VAL:HG11	1:144:A:LEU:HD23	2	0.72	0.18	0.72
(13,2073)	1:39:A:VAL:HG12	1:144:A:LEU:HD21	2	0.72	0.18	0.72
(13,2073)	1:39:A:VAL:HG12	1:144:A:LEU:HD22	2	0.72	0.18	0.72
(13,2073)	1:39:A:VAL:HG12	1:144:A:LEU:HD23	2	0.72	0.18	0.72
(13,2073)	1:39:A:VAL:HG13	1:144:A:LEU:HD21	2	0.72	0.18	0.72
(13,2073)	1:39:A:VAL:HG13	1:144:A:LEU:HD22	2	0.72	0.18	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,2073)	1:39:A:VAL:HG13	1:144:A:LEU:HD23	2	0.72	0.18	0.72
(13,2073)	1:39:A:VAL:HG21	1:144:A:LEU:HD21	2	0.72	0.18	0.72
(13,2073)	1:39:A:VAL:HG21	1:144:A:LEU:HD22	2	0.72	0.18	0.72
(13,2073)	1:39:A:VAL:HG21	1:144:A:LEU:HD23	2	0.72	0.18	0.72
(13,2073)	1:39:A:VAL:HG22	1:144:A:LEU:HD21	2	0.72	0.18	0.72
(13,2073)	1:39:A:VAL:HG22	1:144:A:LEU:HD22	2	0.72	0.18	0.72
(13,2073)	1:39:A:VAL:HG22	1:144:A:LEU:HD23	2	0.72	0.18	0.72
(13,2073)	1:39:A:VAL:HG23	1:144:A:LEU:HD21	2	0.72	0.18	0.72
(13,2073)	1:39:A:VAL:HG23	1:144:A:LEU:HD22	2	0.72	0.18	0.72
(13,2073)	1:39:A:VAL:HG23	1:144:A:LEU:HD23	2	0.72	0.18	0.72
(34,2129)	1:39:A:VAL:HG11	1:144:A:LEU:HD21	2	0.72	0.18	0.72
(34,2129)	1:39:A:VAL:HG11	1:144:A:LEU:HD22	2	0.72	0.18	0.72
(34,2129)	1:39:A:VAL:HG11	1:144:A:LEU:HD23	2	0.72	0.18	0.72
(34,2129)	1:39:A:VAL:HG12	1:144:A:LEU:HD21	2	0.72	0.18	0.72
(34,2129)	1:39:A:VAL:HG12	1:144:A:LEU:HD22	2	0.72	0.18	0.72
(34,2129)	1:39:A:VAL:HG12	1:144:A:LEU:HD23	2	0.72	0.18	0.72
(34,2129)	1:39:A:VAL:HG13	1:144:A:LEU:HD21	2	0.72	0.18	0.72
(34,2129)	1:39:A:VAL:HG13	1:144:A:LEU:HD22	2	0.72	0.18	0.72
(34,2129)	1:39:A:VAL:HG13	1:144:A:LEU:HD23	2	0.72	0.18	0.72
(34,2129)	1:39:A:VAL:HG21	1:144:A:LEU:HD21	2	0.72	0.18	0.72
(34,2129)	1:39:A:VAL:HG21	1:144:A:LEU:HD22	2	0.72	0.18	0.72
(34,2129)	1:39:A:VAL:HG21	1:144:A:LEU:HD23	2	0.72	0.18	0.72
(34,2129)	1:39:A:VAL:HG22	1:144:A:LEU:HD21	2	0.72	0.18	0.72
(34,2129)	1:39:A:VAL:HG22	1:144:A:LEU:HD22	2	0.72	0.18	0.72
(34,2129)	1:39:A:VAL:HG22	1:144:A:LEU:HD23	2	0.72	0.18	0.72
(34,2129)	1:39:A:VAL:HG23	1:144:A:LEU:HD21	2	0.72	0.18	0.72
(34,2129)	1:39:A:VAL:HG23	1:144:A:LEU:HD22	2	0.72	0.18	0.72
(34,2129)	1:39:A:VAL:HG23	1:144:A:LEU:HD23	2	0.72	0.18	0.72
(3,802)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	2	0.72	0.56	0.72
(3,802)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	2	0.72	0.56	0.72
(3,802)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	2	0.72	0.56	0.72
(3,802)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	2	0.72	0.56	0.72
(3,802)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	2	0.72	0.56	0.72
(3,802)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	2	0.72	0.56	0.72
(5,1247)	1:39:A:VAL:H	1:139:A:LEU:HD21	2	0.72	0.48	0.72
(5,1247)	1:39:A:VAL:H	1:139:A:LEU:HD22	2	0.72	0.48	0.72
(5,1247)	1:39:A:VAL:H	1:139:A:LEU:HD23	2	0.72	0.48	0.72
(2,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD11	2	0.71	0.09	0.71
(2,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD12	2	0.71	0.09	0.71
(2,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD13	2	0.71	0.09	0.71
(2,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD21	2	0.71	0.09	0.71
(2,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD22	2	0.71	0.09	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD23	2	0.71	0.09	0.71
(2,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD11	2	0.71	0.09	0.71
(2,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD12	2	0.71	0.09	0.71
(2,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD13	2	0.71	0.09	0.71
(2,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD21	2	0.71	0.09	0.71
(2,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD22	2	0.71	0.09	0.71
(2,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD23	2	0.71	0.09	0.71
(2,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD11	2	0.71	0.09	0.71
(2,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD12	2	0.71	0.09	0.71
(2,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD13	2	0.71	0.09	0.71
(2,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD21	2	0.71	0.09	0.71
(2,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD22	2	0.71	0.09	0.71
(2,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD23	2	0.71	0.09	0.71
(4,2029)	1:21:A:THR:HG21	1:23:A:LEU:HD11	2	0.71	0.09	0.71
(4,2029)	1:21:A:THR:HG21	1:23:A:LEU:HD12	2	0.71	0.09	0.71
(4,2029)	1:21:A:THR:HG21	1:23:A:LEU:HD13	2	0.71	0.09	0.71
(4,2029)	1:21:A:THR:HG21	1:23:A:LEU:HD21	2	0.71	0.09	0.71
(4,2029)	1:21:A:THR:HG21	1:23:A:LEU:HD22	2	0.71	0.09	0.71
(4,2029)	1:21:A:THR:HG21	1:23:A:LEU:HD23	2	0.71	0.09	0.71
(4,2029)	1:21:A:THR:HG22	1:23:A:LEU:HD11	2	0.71	0.09	0.71
(4,2029)	1:21:A:THR:HG22	1:23:A:LEU:HD12	2	0.71	0.09	0.71
(4,2029)	1:21:A:THR:HG22	1:23:A:LEU:HD13	2	0.71	0.09	0.71
(4,2029)	1:21:A:THR:HG22	1:23:A:LEU:HD21	2	0.71	0.09	0.71
(4,2029)	1:21:A:THR:HG22	1:23:A:LEU:HD22	2	0.71	0.09	0.71
(4,2029)	1:21:A:THR:HG22	1:23:A:LEU:HD23	2	0.71	0.09	0.71
(4,2029)	1:21:A:THR:HG23	1:23:A:LEU:HD11	2	0.71	0.09	0.71
(4,2029)	1:21:A:THR:HG23	1:23:A:LEU:HD12	2	0.71	0.09	0.71
(4,2029)	1:21:A:THR:HG23	1:23:A:LEU:HD13	2	0.71	0.09	0.71
(4,2029)	1:21:A:THR:HG23	1:23:A:LEU:HD21	2	0.71	0.09	0.71
(4,2029)	1:21:A:THR:HG23	1:23:A:LEU:HD22	2	0.71	0.09	0.71
(4,2029)	1:21:A:THR:HG23	1:23:A:LEU:HD23	2	0.71	0.09	0.71
(7,1156)	1:27:A:ARG:HB3	1:30:A:LEU:HD21	2	0.71	0.14	0.71
(7,1156)	1:27:A:ARG:HB3	1:30:A:LEU:HD22	2	0.71	0.14	0.71
(7,1156)	1:27:A:ARG:HB3	1:30:A:LEU:HD23	2	0.71	0.14	0.71
(9,2015)	1:21:A:THR:HG21	1:23:A:LEU:HD11	2	0.71	0.09	0.71
(9,2015)	1:21:A:THR:HG21	1:23:A:LEU:HD12	2	0.71	0.09	0.71
(9,2015)	1:21:A:THR:HG21	1:23:A:LEU:HD13	2	0.71	0.09	0.71
(9,2015)	1:21:A:THR:HG21	1:23:A:LEU:HD21	2	0.71	0.09	0.71
(9,2015)	1:21:A:THR:HG21	1:23:A:LEU:HD22	2	0.71	0.09	0.71
(9,2015)	1:21:A:THR:HG21	1:23:A:LEU:HD23	2	0.71	0.09	0.71
(9,2015)	1:21:A:THR:HG22	1:23:A:LEU:HD11	2	0.71	0.09	0.71
(9,2015)	1:21:A:THR:HG22	1:23:A:LEU:HD12	2	0.71	0.09	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,2015)	1:21:A:THR:HG22	1:23:A:LEU:HD13	2	0.71	0.09	0.71
(9,2015)	1:21:A:THR:HG22	1:23:A:LEU:HD21	2	0.71	0.09	0.71
(9,2015)	1:21:A:THR:HG22	1:23:A:LEU:HD22	2	0.71	0.09	0.71
(9,2015)	1:21:A:THR:HG22	1:23:A:LEU:HD23	2	0.71	0.09	0.71
(9,2015)	1:21:A:THR:HG23	1:23:A:LEU:HD11	2	0.71	0.09	0.71
(9,2015)	1:21:A:THR:HG23	1:23:A:LEU:HD12	2	0.71	0.09	0.71
(9,2015)	1:21:A:THR:HG23	1:23:A:LEU:HD13	2	0.71	0.09	0.71
(9,2015)	1:21:A:THR:HG23	1:23:A:LEU:HD21	2	0.71	0.09	0.71
(9,2015)	1:21:A:THR:HG23	1:23:A:LEU:HD22	2	0.71	0.09	0.71
(9,2015)	1:21:A:THR:HG23	1:23:A:LEU:HD23	2	0.71	0.09	0.71
(13,1996)	1:21:A:THR:HG21	1:23:A:LEU:HD11	2	0.71	0.09	0.71
(13,1996)	1:21:A:THR:HG21	1:23:A:LEU:HD12	2	0.71	0.09	0.71
(13,1996)	1:21:A:THR:HG21	1:23:A:LEU:HD13	2	0.71	0.09	0.71
(13,1996)	1:21:A:THR:HG21	1:23:A:LEU:HD21	2	0.71	0.09	0.71
(13,1996)	1:21:A:THR:HG21	1:23:A:LEU:HD22	2	0.71	0.09	0.71
(13,1996)	1:21:A:THR:HG21	1:23:A:LEU:HD23	2	0.71	0.09	0.71
(13,1996)	1:21:A:THR:HG22	1:23:A:LEU:HD11	2	0.71	0.09	0.71
(13,1996)	1:21:A:THR:HG22	1:23:A:LEU:HD12	2	0.71	0.09	0.71
(13,1996)	1:21:A:THR:HG22	1:23:A:LEU:HD13	2	0.71	0.09	0.71
(13,1996)	1:21:A:THR:HG22	1:23:A:LEU:HD21	2	0.71	0.09	0.71
(13,1996)	1:21:A:THR:HG22	1:23:A:LEU:HD22	2	0.71	0.09	0.71
(13,1996)	1:21:A:THR:HG22	1:23:A:LEU:HD23	2	0.71	0.09	0.71
(13,1996)	1:21:A:THR:HG23	1:23:A:LEU:HD11	2	0.71	0.09	0.71
(13,1996)	1:21:A:THR:HG23	1:23:A:LEU:HD12	2	0.71	0.09	0.71
(13,1996)	1:21:A:THR:HG23	1:23:A:LEU:HD13	2	0.71	0.09	0.71
(13,1996)	1:21:A:THR:HG23	1:23:A:LEU:HD21	2	0.71	0.09	0.71
(13,1996)	1:21:A:THR:HG23	1:23:A:LEU:HD22	2	0.71	0.09	0.71
(13,1996)	1:21:A:THR:HG23	1:23:A:LEU:HD23	2	0.71	0.09	0.71
(15,2007)	1:21:A:THR:HG21	1:23:A:LEU:HD11	2	0.71	0.09	0.71
(15,2007)	1:21:A:THR:HG21	1:23:A:LEU:HD12	2	0.71	0.09	0.71
(15,2007)	1:21:A:THR:HG21	1:23:A:LEU:HD13	2	0.71	0.09	0.71
(15,2007)	1:21:A:THR:HG21	1:23:A:LEU:HD21	2	0.71	0.09	0.71
(15,2007)	1:21:A:THR:HG21	1:23:A:LEU:HD22	2	0.71	0.09	0.71
(15,2007)	1:21:A:THR:HG21	1:23:A:LEU:HD23	2	0.71	0.09	0.71
(15,2007)	1:21:A:THR:HG22	1:23:A:LEU:HD11	2	0.71	0.09	0.71
(15,2007)	1:21:A:THR:HG22	1:23:A:LEU:HD12	2	0.71	0.09	0.71
(15,2007)	1:21:A:THR:HG22	1:23:A:LEU:HD13	2	0.71	0.09	0.71
(15,2007)	1:21:A:THR:HG22	1:23:A:LEU:HD21	2	0.71	0.09	0.71
(15,2007)	1:21:A:THR:HG22	1:23:A:LEU:HD22	2	0.71	0.09	0.71
(15,2007)	1:21:A:THR:HG22	1:23:A:LEU:HD23	2	0.71	0.09	0.71
(15,2007)	1:21:A:THR:HG23	1:23:A:LEU:HD11	2	0.71	0.09	0.71
(15,2007)	1:21:A:THR:HG23	1:23:A:LEU:HD12	2	0.71	0.09	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,2007)	1:21:A:THR:HG23	1:23:A:LEU:HD13	2	0.71	0.09	0.71
(15,2007)	1:21:A:THR:HG23	1:23:A:LEU:HD21	2	0.71	0.09	0.71
(15,2007)	1:21:A:THR:HG23	1:23:A:LEU:HD22	2	0.71	0.09	0.71
(15,2007)	1:21:A:THR:HG23	1:23:A:LEU:HD23	2	0.71	0.09	0.71
(16,2030)	1:21:A:THR:HG21	1:23:A:LEU:HD11	2	0.71	0.09	0.71
(16,2030)	1:21:A:THR:HG21	1:23:A:LEU:HD12	2	0.71	0.09	0.71
(16,2030)	1:21:A:THR:HG21	1:23:A:LEU:HD13	2	0.71	0.09	0.71
(16,2030)	1:21:A:THR:HG21	1:23:A:LEU:HD21	2	0.71	0.09	0.71
(16,2030)	1:21:A:THR:HG21	1:23:A:LEU:HD22	2	0.71	0.09	0.71
(16,2030)	1:21:A:THR:HG21	1:23:A:LEU:HD23	2	0.71	0.09	0.71
(16,2030)	1:21:A:THR:HG22	1:23:A:LEU:HD11	2	0.71	0.09	0.71
(16,2030)	1:21:A:THR:HG22	1:23:A:LEU:HD12	2	0.71	0.09	0.71
(16,2030)	1:21:A:THR:HG22	1:23:A:LEU:HD13	2	0.71	0.09	0.71
(16,2030)	1:21:A:THR:HG22	1:23:A:LEU:HD21	2	0.71	0.09	0.71
(16,2030)	1:21:A:THR:HG22	1:23:A:LEU:HD22	2	0.71	0.09	0.71
(16,2030)	1:21:A:THR:HG22	1:23:A:LEU:HD23	2	0.71	0.09	0.71
(16,2030)	1:21:A:THR:HG23	1:23:A:LEU:HD11	2	0.71	0.09	0.71
(16,2030)	1:21:A:THR:HG23	1:23:A:LEU:HD12	2	0.71	0.09	0.71
(16,2030)	1:21:A:THR:HG23	1:23:A:LEU:HD13	2	0.71	0.09	0.71
(16,2030)	1:21:A:THR:HG23	1:23:A:LEU:HD21	2	0.71	0.09	0.71
(16,2030)	1:21:A:THR:HG23	1:23:A:LEU:HD22	2	0.71	0.09	0.71
(16,2030)	1:21:A:THR:HG23	1:23:A:LEU:HD23	2	0.71	0.09	0.71
(18,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD11	2	0.71	0.09	0.71
(18,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD12	2	0.71	0.09	0.71
(18,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD13	2	0.71	0.09	0.71
(18,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD21	2	0.71	0.09	0.71
(18,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD22	2	0.71	0.09	0.71
(18,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD23	2	0.71	0.09	0.71
(18,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD11	2	0.71	0.09	0.71
(18,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD12	2	0.71	0.09	0.71
(18,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD13	2	0.71	0.09	0.71
(18,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD21	2	0.71	0.09	0.71
(18,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD22	2	0.71	0.09	0.71
(18,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD23	2	0.71	0.09	0.71
(18,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD11	2	0.71	0.09	0.71
(18,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD12	2	0.71	0.09	0.71
(18,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD13	2	0.71	0.09	0.71
(18,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD21	2	0.71	0.09	0.71
(18,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD22	2	0.71	0.09	0.71
(18,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD23	2	0.71	0.09	0.71
(30,2027)	1:21:A:THR:HG21	1:23:A:LEU:HD11	2	0.71	0.09	0.71
(30,2027)	1:21:A:THR:HG21	1:23:A:LEU:HD12	2	0.71	0.09	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,2027)	1:21:A:THR:HG21	1:23:A:LEU:HD13	2	0.71	0.09	0.71
(30,2027)	1:21:A:THR:HG21	1:23:A:LEU:HD21	2	0.71	0.09	0.71
(30,2027)	1:21:A:THR:HG21	1:23:A:LEU:HD22	2	0.71	0.09	0.71
(30,2027)	1:21:A:THR:HG21	1:23:A:LEU:HD23	2	0.71	0.09	0.71
(30,2027)	1:21:A:THR:HG22	1:23:A:LEU:HD11	2	0.71	0.09	0.71
(30,2027)	1:21:A:THR:HG22	1:23:A:LEU:HD12	2	0.71	0.09	0.71
(30,2027)	1:21:A:THR:HG22	1:23:A:LEU:HD13	2	0.71	0.09	0.71
(30,2027)	1:21:A:THR:HG22	1:23:A:LEU:HD21	2	0.71	0.09	0.71
(30,2027)	1:21:A:THR:HG22	1:23:A:LEU:HD22	2	0.71	0.09	0.71
(30,2027)	1:21:A:THR:HG22	1:23:A:LEU:HD23	2	0.71	0.09	0.71
(30,2027)	1:21:A:THR:HG23	1:23:A:LEU:HD11	2	0.71	0.09	0.71
(30,2027)	1:21:A:THR:HG23	1:23:A:LEU:HD12	2	0.71	0.09	0.71
(30,2027)	1:21:A:THR:HG23	1:23:A:LEU:HD13	2	0.71	0.09	0.71
(30,2027)	1:21:A:THR:HG23	1:23:A:LEU:HD21	2	0.71	0.09	0.71
(30,2027)	1:21:A:THR:HG23	1:23:A:LEU:HD22	2	0.71	0.09	0.71
(30,2027)	1:21:A:THR:HG23	1:23:A:LEU:HD23	2	0.71	0.09	0.71
(32,1999)	1:21:A:THR:HG21	1:23:A:LEU:HD11	2	0.71	0.09	0.71
(32,1999)	1:21:A:THR:HG21	1:23:A:LEU:HD12	2	0.71	0.09	0.71
(32,1999)	1:21:A:THR:HG21	1:23:A:LEU:HD13	2	0.71	0.09	0.71
(32,1999)	1:21:A:THR:HG21	1:23:A:LEU:HD21	2	0.71	0.09	0.71
(32,1999)	1:21:A:THR:HG21	1:23:A:LEU:HD22	2	0.71	0.09	0.71
(32,1999)	1:21:A:THR:HG21	1:23:A:LEU:HD23	2	0.71	0.09	0.71
(32,1999)	1:21:A:THR:HG22	1:23:A:LEU:HD11	2	0.71	0.09	0.71
(32,1999)	1:21:A:THR:HG22	1:23:A:LEU:HD12	2	0.71	0.09	0.71
(32,1999)	1:21:A:THR:HG22	1:23:A:LEU:HD13	2	0.71	0.09	0.71
(32,1999)	1:21:A:THR:HG22	1:23:A:LEU:HD21	2	0.71	0.09	0.71
(32,1999)	1:21:A:THR:HG22	1:23:A:LEU:HD22	2	0.71	0.09	0.71
(32,1999)	1:21:A:THR:HG22	1:23:A:LEU:HD23	2	0.71	0.09	0.71
(32,1999)	1:21:A:THR:HG23	1:23:A:LEU:HD11	2	0.71	0.09	0.71
(32,1999)	1:21:A:THR:HG23	1:23:A:LEU:HD12	2	0.71	0.09	0.71
(32,1999)	1:21:A:THR:HG23	1:23:A:LEU:HD13	2	0.71	0.09	0.71
(32,1999)	1:21:A:THR:HG23	1:23:A:LEU:HD21	2	0.71	0.09	0.71
(32,1999)	1:21:A:THR:HG23	1:23:A:LEU:HD22	2	0.71	0.09	0.71
(32,1999)	1:21:A:THR:HG23	1:23:A:LEU:HD23	2	0.71	0.09	0.71
(34,2042)	1:21:A:THR:HG21	1:23:A:LEU:HD11	2	0.71	0.09	0.71
(34,2042)	1:21:A:THR:HG21	1:23:A:LEU:HD12	2	0.71	0.09	0.71
(34,2042)	1:21:A:THR:HG21	1:23:A:LEU:HD13	2	0.71	0.09	0.71
(34,2042)	1:21:A:THR:HG21	1:23:A:LEU:HD21	2	0.71	0.09	0.71
(34,2042)	1:21:A:THR:HG21	1:23:A:LEU:HD22	2	0.71	0.09	0.71
(34,2042)	1:21:A:THR:HG21	1:23:A:LEU:HD23	2	0.71	0.09	0.71
(34,2042)	1:21:A:THR:HG22	1:23:A:LEU:HD11	2	0.71	0.09	0.71
(34,2042)	1:21:A:THR:HG22	1:23:A:LEU:HD12	2	0.71	0.09	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,2042)	1:21:A:THR:HG22	1:23:A:LEU:HD13	2	0.71	0.09	0.71
(34,2042)	1:21:A:THR:HG22	1:23:A:LEU:HD21	2	0.71	0.09	0.71
(34,2042)	1:21:A:THR:HG22	1:23:A:LEU:HD22	2	0.71	0.09	0.71
(34,2042)	1:21:A:THR:HG22	1:23:A:LEU:HD23	2	0.71	0.09	0.71
(34,2042)	1:21:A:THR:HG23	1:23:A:LEU:HD11	2	0.71	0.09	0.71
(34,2042)	1:21:A:THR:HG23	1:23:A:LEU:HD12	2	0.71	0.09	0.71
(34,2042)	1:21:A:THR:HG23	1:23:A:LEU:HD13	2	0.71	0.09	0.71
(34,2042)	1:21:A:THR:HG23	1:23:A:LEU:HD21	2	0.71	0.09	0.71
(34,2042)	1:21:A:THR:HG23	1:23:A:LEU:HD22	2	0.71	0.09	0.71
(34,2042)	1:21:A:THR:HG23	1:23:A:LEU:HD23	2	0.71	0.09	0.71
(5,2206)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	2	0.7	0.17	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,2206)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	2	0.7	0.17	0.7
(5,2206)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	2	0.7	0.17	0.7
(6,2040)	1:21:A:THR:HG21	1:23:A:LEU:HD11	2	0.7	0.09	0.7
(6,2040)	1:21:A:THR:HG21	1:23:A:LEU:HD12	2	0.7	0.09	0.7
(6,2040)	1:21:A:THR:HG21	1:23:A:LEU:HD13	2	0.7	0.09	0.7
(6,2040)	1:21:A:THR:HG21	1:23:A:LEU:HD21	2	0.7	0.09	0.7
(6,2040)	1:21:A:THR:HG21	1:23:A:LEU:HD22	2	0.7	0.09	0.7
(6,2040)	1:21:A:THR:HG21	1:23:A:LEU:HD23	2	0.7	0.09	0.7
(6,2040)	1:21:A:THR:HG22	1:23:A:LEU:HD11	2	0.7	0.09	0.7
(6,2040)	1:21:A:THR:HG22	1:23:A:LEU:HD12	2	0.7	0.09	0.7
(6,2040)	1:21:A:THR:HG22	1:23:A:LEU:HD13	2	0.7	0.09	0.7
(6,2040)	1:21:A:THR:HG22	1:23:A:LEU:HD21	2	0.7	0.09	0.7
(6,2040)	1:21:A:THR:HG22	1:23:A:LEU:HD22	2	0.7	0.09	0.7
(6,2040)	1:21:A:THR:HG22	1:23:A:LEU:HD23	2	0.7	0.09	0.7
(6,2040)	1:21:A:THR:HG23	1:23:A:LEU:HD11	2	0.7	0.09	0.7
(6,2040)	1:21:A:THR:HG23	1:23:A:LEU:HD12	2	0.7	0.09	0.7
(6,2040)	1:21:A:THR:HG23	1:23:A:LEU:HD13	2	0.7	0.09	0.7
(6,2040)	1:21:A:THR:HG23	1:23:A:LEU:HD21	2	0.7	0.09	0.7
(6,2040)	1:21:A:THR:HG23	1:23:A:LEU:HD22	2	0.7	0.09	0.7
(6,2040)	1:21:A:THR:HG23	1:23:A:LEU:HD23	2	0.7	0.09	0.7
(7,1989)	1:21:A:THR:HG21	1:23:A:LEU:HD11	2	0.7	0.09	0.7
(7,1989)	1:21:A:THR:HG21	1:23:A:LEU:HD12	2	0.7	0.09	0.7
(7,1989)	1:21:A:THR:HG21	1:23:A:LEU:HD13	2	0.7	0.09	0.7
(7,1989)	1:21:A:THR:HG21	1:23:A:LEU:HD21	2	0.7	0.09	0.7
(7,1989)	1:21:A:THR:HG21	1:23:A:LEU:HD22	2	0.7	0.09	0.7
(7,1989)	1:21:A:THR:HG21	1:23:A:LEU:HD23	2	0.7	0.09	0.7
(7,1989)	1:21:A:THR:HG22	1:23:A:LEU:HD11	2	0.7	0.09	0.7
(7,1989)	1:21:A:THR:HG22	1:23:A:LEU:HD12	2	0.7	0.09	0.7
(7,1989)	1:21:A:THR:HG22	1:23:A:LEU:HD13	2	0.7	0.09	0.7
(7,1989)	1:21:A:THR:HG22	1:23:A:LEU:HD21	2	0.7	0.09	0.7
(7,1989)	1:21:A:THR:HG22	1:23:A:LEU:HD22	2	0.7	0.09	0.7
(7,1989)	1:21:A:THR:HG22	1:23:A:LEU:HD23	2	0.7	0.09	0.7
(7,1989)	1:21:A:THR:HG23	1:23:A:LEU:HD11	2	0.7	0.09	0.7
(7,1989)	1:21:A:THR:HG23	1:23:A:LEU:HD12	2	0.7	0.09	0.7
(7,1989)	1:21:A:THR:HG23	1:23:A:LEU:HD13	2	0.7	0.09	0.7
(7,1989)	1:21:A:THR:HG23	1:23:A:LEU:HD21	2	0.7	0.09	0.7
(7,1989)	1:21:A:THR:HG23	1:23:A:LEU:HD22	2	0.7	0.09	0.7
(7,1989)	1:21:A:THR:HG23	1:23:A:LEU:HD23	2	0.7	0.09	0.7
(7,2320)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	2	0.7	0.27	0.7
(7,2320)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	2	0.7	0.27	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,2320)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	2	0.7	0.27	0.7
(7,2320)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	2	0.7	0.27	0.7
(7,2320)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	2	0.7	0.27	0.7
(7,2320)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	2	0.7	0.27	0.7
(7,2320)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	2	0.7	0.27	0.7
(7,2320)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	2	0.7	0.27	0.7
(7,2320)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	2	0.7	0.27	0.7
(7,2320)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	2	0.7	0.27	0.7
(7,2320)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	2	0.7	0.27	0.7
(7,2320)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	2	0.7	0.27	0.7
(17,2045)	1:21:A:THR:HG21	1:23:A:LEU:HD11	2	0.7	0.09	0.7
(17,2045)	1:21:A:THR:HG21	1:23:A:LEU:HD12	2	0.7	0.09	0.7
(17,2045)	1:21:A:THR:HG21	1:23:A:LEU:HD13	2	0.7	0.09	0.7
(17,2045)	1:21:A:THR:HG21	1:23:A:LEU:HD21	2	0.7	0.09	0.7
(17,2045)	1:21:A:THR:HG21	1:23:A:LEU:HD22	2	0.7	0.09	0.7
(17,2045)	1:21:A:THR:HG21	1:23:A:LEU:HD23	2	0.7	0.09	0.7
(17,2045)	1:21:A:THR:HG22	1:23:A:LEU:HD11	2	0.7	0.09	0.7
(17,2045)	1:21:A:THR:HG22	1:23:A:LEU:HD12	2	0.7	0.09	0.7
(17,2045)	1:21:A:THR:HG22	1:23:A:LEU:HD13	2	0.7	0.09	0.7
(17,2045)	1:21:A:THR:HG22	1:23:A:LEU:HD21	2	0.7	0.09	0.7
(17,2045)	1:21:A:THR:HG22	1:23:A:LEU:HD22	2	0.7	0.09	0.7
(17,2045)	1:21:A:THR:HG22	1:23:A:LEU:HD23	2	0.7	0.09	0.7
(17,2045)	1:21:A:THR:HG23	1:23:A:LEU:HD11	2	0.7	0.09	0.7
(17,2045)	1:21:A:THR:HG23	1:23:A:LEU:HD12	2	0.7	0.09	0.7
(17,2045)	1:21:A:THR:HG23	1:23:A:LEU:HD13	2	0.7	0.09	0.7
(17,2045)	1:21:A:THR:HG23	1:23:A:LEU:HD21	2	0.7	0.09	0.7
(17,2045)	1:21:A:THR:HG23	1:23:A:LEU:HD22	2	0.7	0.09	0.7
(17,2045)	1:21:A:THR:HG23	1:23:A:LEU:HD23	2	0.7	0.09	0.7
(29,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD11	2	0.7	0.09	0.7
(29,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD12	2	0.7	0.09	0.7
(29,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD13	2	0.7	0.09	0.7
(29,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD21	2	0.7	0.09	0.7
(29,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD22	2	0.7	0.09	0.7
(29,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD23	2	0.7	0.09	0.7
(29,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD11	2	0.7	0.09	0.7
(29,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD12	2	0.7	0.09	0.7
(29,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD13	2	0.7	0.09	0.7
(29,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD21	2	0.7	0.09	0.7
(29,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD22	2	0.7	0.09	0.7
(29,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD23	2	0.7	0.09	0.7
(29,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD11	2	0.7	0.09	0.7
(29,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD12	2	0.7	0.09	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD13	2	0.7	0.09	0.7
(29,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD21	2	0.7	0.09	0.7
(29,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD22	2	0.7	0.09	0.7
(29,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD23	2	0.7	0.09	0.7
(33,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD11	2	0.7	0.09	0.7
(33,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD12	2	0.7	0.09	0.7
(33,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD13	2	0.7	0.09	0.7
(33,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD21	2	0.7	0.09	0.7
(33,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD22	2	0.7	0.09	0.7
(33,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD23	2	0.7	0.09	0.7
(33,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD11	2	0.7	0.09	0.7
(33,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD12	2	0.7	0.09	0.7
(33,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD13	2	0.7	0.09	0.7
(33,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD21	2	0.7	0.09	0.7
(33,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD22	2	0.7	0.09	0.7
(33,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD23	2	0.7	0.09	0.7
(33,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD11	2	0.7	0.09	0.7
(33,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD12	2	0.7	0.09	0.7
(33,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD13	2	0.7	0.09	0.7
(33,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD21	2	0.7	0.09	0.7
(33,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD22	2	0.7	0.09	0.7
(33,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD23	2	0.7	0.09	0.7
(2,1887)	1:9:A:PHE:HE1	1:54:A:ARG:HE	2	0.7	0.36	0.7
(2,1887)	1:9:A:PHE:HE2	1:54:A:ARG:HE	2	0.7	0.36	0.7
(3,1890)	1:9:A:PHE:HE1	1:54:A:ARG:HE	2	0.7	0.36	0.7
(3,1890)	1:9:A:PHE:HE2	1:54:A:ARG:HE	2	0.7	0.36	0.7
(5,2162)	1:46:A:ASN:HD21	1:134:A:VAL:HA	2	0.7	0.18	0.7
(5,2162)	1:46:A:ASN:HD22	1:134:A:VAL:HA	2	0.7	0.18	0.7
(7,2426)	1:136:A:CYS:HB2	1:141:A:LYS:HA	2	0.7	0.06	0.7
(7,2426)	1:136:A:CYS:HB3	1:141:A:LYS:HA	2	0.7	0.06	0.7
(11,2179)	1:46:A:ASN:HD21	1:134:A:VAL:HA	2	0.7	0.18	0.7
(11,2179)	1:46:A:ASN:HD22	1:134:A:VAL:HA	2	0.7	0.18	0.7
(15,1845)	1:9:A:PHE:HE1	1:54:A:ARG:HE	2	0.7	0.36	0.7
(15,1845)	1:9:A:PHE:HE2	1:54:A:ARG:HE	2	0.7	0.36	0.7
(18,1848)	1:9:A:PHE:HE1	1:54:A:ARG:HE	2	0.7	0.36	0.7
(18,1848)	1:9:A:PHE:HE2	1:54:A:ARG:HE	2	0.7	0.36	0.7
(30,1864)	1:9:A:PHE:HE1	1:54:A:ARG:HE	2	0.7	0.36	0.7
(30,1864)	1:9:A:PHE:HE2	1:54:A:ARG:HE	2	0.7	0.36	0.7
(32,2156)	1:46:A:ASN:HD21	1:134:A:VAL:HA	2	0.7	0.18	0.7
(32,2156)	1:46:A:ASN:HD22	1:134:A:VAL:HA	2	0.7	0.18	0.7
(33,1859)	1:9:A:PHE:HE1	1:54:A:ARG:HE	2	0.7	0.36	0.7
(33,1859)	1:9:A:PHE:HE2	1:54:A:ARG:HE	2	0.7	0.36	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,1872)	1:9:A:PHE:HE1	1:54:A:ARG:HE	2	0.7	0.36	0.7
(34,1872)	1:9:A:PHE:HE2	1:54:A:ARG:HE	2	0.7	0.36	0.7
(4,2333)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	2	0.69	0.27	0.69
(4,2333)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	2	0.69	0.27	0.69
(4,2333)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	2	0.69	0.27	0.69
(4,2333)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	2	0.69	0.27	0.69
(4,2333)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	2	0.69	0.27	0.69
(4,2333)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	2	0.69	0.27	0.69
(4,2333)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	2	0.69	0.27	0.69
(4,2333)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	2	0.69	0.27	0.69
(4,2333)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	2	0.69	0.27	0.69
(4,2333)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	2	0.69	0.27	0.69
(4,2333)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	2	0.69	0.27	0.69
(4,2333)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	2	0.69	0.27	0.69
(4,1887)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	2	0.68	0.4	0.68
(4,1887)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	2	0.68	0.4	0.68
(4,1887)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	2	0.68	0.4	0.68
(4,1887)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	2	0.68	0.4	0.68
(4,1887)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	2	0.68	0.4	0.68
(4,1887)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	2	0.68	0.4	0.68
(32,1829)	1:9:A:PHE:HE1	1:54:A:ARG:HE	2	0.68	0.36	0.68
(32,1829)	1:9:A:PHE:HE2	1:54:A:ARG:HE	2	0.68	0.36	0.68
(2,2355)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	2	0.68	0.27	0.68
(2,2355)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	2	0.68	0.27	0.68
(2,2355)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	2	0.68	0.27	0.68
(2,2355)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	2	0.68	0.27	0.68
(2,2355)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	2	0.68	0.27	0.68
(2,2355)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	2	0.68	0.27	0.68
(2,2355)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	2	0.68	0.27	0.68
(2,2355)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	2	0.68	0.27	0.68
(2,2355)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	2	0.68	0.27	0.68
(2,2355)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	2	0.68	0.27	0.68
(2,2355)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	2	0.68	0.27	0.68
(2,2355)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	2	0.68	0.27	0.68
(3,855)	1:103:A:ARG:HD2	1:107:A:LEU:HD11	2	0.68	0.03	0.68
(3,855)	1:103:A:ARG:HD2	1:107:A:LEU:HD12	2	0.68	0.03	0.68
(3,855)	1:103:A:ARG:HD2	1:107:A:LEU:HD13	2	0.68	0.03	0.68
(3,855)	1:103:A:ARG:HD3	1:107:A:LEU:HD11	2	0.68	0.03	0.68
(3,855)	1:103:A:ARG:HD3	1:107:A:LEU:HD12	2	0.68	0.03	0.68
(3,855)	1:103:A:ARG:HD3	1:107:A:LEU:HD13	2	0.68	0.03	0.68
(16,2330)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	2	0.68	0.27	0.68
(16,2330)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	2	0.68	0.27	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,2330)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	2	0.68	0.27	0.68
(16,2330)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	2	0.68	0.27	0.68
(16,2330)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	2	0.68	0.27	0.68
(16,2330)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	2	0.68	0.27	0.68
(16,2330)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	2	0.68	0.27	0.68
(16,2330)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	2	0.68	0.27	0.68
(16,2330)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	2	0.68	0.27	0.68
(16,2330)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	2	0.68	0.27	0.68
(16,2330)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	2	0.68	0.27	0.68
(16,2330)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	2	0.68	0.27	0.68
(30,2347)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	2	0.68	0.27	0.68
(30,2347)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	2	0.68	0.27	0.68
(30,2347)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	2	0.68	0.27	0.68
(30,2347)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	2	0.68	0.27	0.68
(30,2347)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	2	0.68	0.27	0.68
(30,2347)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	2	0.68	0.27	0.68
(30,2347)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	2	0.68	0.27	0.68
(30,2347)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	2	0.68	0.27	0.68
(30,2347)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	2	0.68	0.27	0.68
(30,2347)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	2	0.68	0.27	0.68
(30,2347)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	2	0.68	0.27	0.68
(30,2347)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	2	0.68	0.27	0.68
(32,1859)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	2	0.68	0.06	0.68
(32,1859)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	2	0.68	0.06	0.68
(32,1859)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	2	0.68	0.06	0.68
(32,1859)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	2	0.68	0.06	0.68
(32,1859)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	2	0.68	0.06	0.68
(32,1859)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	2	0.68	0.06	0.68
(11,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	2	0.68	0.05	0.68
(11,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	2	0.68	0.05	0.68
(11,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	2	0.68	0.05	0.68
(11,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	2	0.68	0.05	0.68
(11,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	2	0.68	0.05	0.68
(11,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	2	0.68	0.05	0.68
(11,2095)	1:35:A:LEU:HD11	1:143:A:TRP:HB2	2	0.68	0.43	0.68
(11,2095)	1:35:A:LEU:HD12	1:143:A:TRP:HB2	2	0.68	0.43	0.68
(11,2095)	1:35:A:LEU:HD13	1:143:A:TRP:HB2	2	0.68	0.43	0.68
(11,2095)	1:35:A:LEU:HD21	1:143:A:TRP:HB2	2	0.68	0.43	0.68
(11,2095)	1:35:A:LEU:HD22	1:143:A:TRP:HB2	2	0.68	0.43	0.68
(11,2095)	1:35:A:LEU:HD23	1:143:A:TRP:HB2	2	0.68	0.43	0.68
(33,1910)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	2	0.68	0.4	0.68
(33,1910)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	2	0.68	0.4	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,1910)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	2	0.68	0.4	0.68
(33,1910)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	2	0.68	0.4	0.68
(33,1910)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	2	0.68	0.4	0.68
(33,1910)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	2	0.68	0.4	0.68
(33,2085)	1:35:A:LEU:HD11	1:143:A:TRP:HB2	2	0.68	0.43	0.68
(33,2085)	1:35:A:LEU:HD12	1:143:A:TRP:HB2	2	0.68	0.43	0.68
(33,2085)	1:35:A:LEU:HD13	1:143:A:TRP:HB2	2	0.68	0.43	0.68
(33,2085)	1:35:A:LEU:HD21	1:143:A:TRP:HB2	2	0.68	0.43	0.68
(33,2085)	1:35:A:LEU:HD22	1:143:A:TRP:HB2	2	0.68	0.43	0.68
(33,2085)	1:35:A:LEU:HD23	1:143:A:TRP:HB2	2	0.68	0.43	0.68
(15,1983)	1:16:A:SER:HB2	1:19:A:ALA:HB1	2	0.67	0.35	0.67
(15,1983)	1:16:A:SER:HB2	1:19:A:ALA:HB2	2	0.67	0.35	0.67
(15,1983)	1:16:A:SER:HB2	1:19:A:ALA:HB3	2	0.67	0.35	0.67
(15,1983)	1:16:A:SER:HB3	1:19:A:ALA:HB1	2	0.67	0.35	0.67
(15,1983)	1:16:A:SER:HB3	1:19:A:ALA:HB2	2	0.67	0.35	0.67
(15,1983)	1:16:A:SER:HB3	1:19:A:ALA:HB3	2	0.67	0.35	0.67
(16,2066)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	2	0.67	0.43	0.67
(16,2066)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	2	0.67	0.43	0.67
(16,2066)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	2	0.67	0.43	0.67
(16,2066)	1:31:A:PRO:HD2	1:144:A:LEU:HD21	2	0.67	0.43	0.67
(16,2066)	1:31:A:PRO:HD2	1:144:A:LEU:HD22	2	0.67	0.43	0.67
(16,2066)	1:31:A:PRO:HD2	1:144:A:LEU:HD23	2	0.67	0.43	0.67
(16,2066)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	2	0.67	0.43	0.67
(16,2066)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	2	0.67	0.43	0.67
(16,2066)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	2	0.67	0.43	0.67
(16,2066)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	2	0.67	0.43	0.67
(16,2066)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	2	0.67	0.43	0.67
(16,2066)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	2	0.67	0.43	0.67
(6,557)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	2	0.66	0.4	0.66
(6,557)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	2	0.66	0.4	0.66
(6,557)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	2	0.66	0.4	0.66
(6,557)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	2	0.66	0.4	0.66
(6,557)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	2	0.66	0.4	0.66
(6,557)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	2	0.66	0.4	0.66
(6,1867)	1:9:A:PHE:HE1	1:54:A:ARG:HE	2	0.66	0.36	0.66
(6,1867)	1:9:A:PHE:HE2	1:54:A:ARG:HE	2	0.66	0.36	0.66
(9,1982)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	2	0.66	0.05	0.66
(9,1982)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	2	0.66	0.05	0.66
(9,1982)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	2	0.66	0.05	0.66
(9,1982)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	2	0.66	0.05	0.66
(9,1982)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	2	0.66	0.05	0.66
(9,1982)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	2	0.66	0.05	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,1982)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	2	0.66	0.05	0.66
(9,1982)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	2	0.66	0.05	0.66
(9,1982)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	2	0.66	0.05	0.66
(9,1982)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	2	0.66	0.05	0.66
(9,1982)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	2	0.66	0.05	0.66
(9,1982)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	2	0.66	0.05	0.66
(9,1982)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	2	0.66	0.05	0.66
(9,1982)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	2	0.66	0.05	0.66
(9,1982)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	2	0.66	0.05	0.66
(9,1982)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	2	0.66	0.05	0.66
(9,1982)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	2	0.66	0.05	0.66
(9,1982)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	2	0.66	0.05	0.66
(15,570)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	2	0.66	0.4	0.66
(15,570)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	2	0.66	0.4	0.66
(15,570)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	2	0.66	0.4	0.66
(15,570)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	2	0.66	0.4	0.66
(15,570)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	2	0.66	0.4	0.66
(15,570)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	2	0.66	0.4	0.66
(3,1678)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	2	0.65	0.02	0.65
(3,1678)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	2	0.65	0.02	0.65
(3,1678)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	2	0.65	0.02	0.65
(4,1935)	1:11:A:ILE:HB	1:40:A:LEU:HD11	2	0.65	0.21	0.65
(4,1935)	1:11:A:ILE:HB	1:40:A:LEU:HD12	2	0.65	0.21	0.65
(4,1935)	1:11:A:ILE:HB	1:40:A:LEU:HD13	2	0.65	0.21	0.65
(4,1935)	1:11:A:ILE:HB	1:40:A:LEU:HD21	2	0.65	0.21	0.65
(4,1935)	1:11:A:ILE:HB	1:40:A:LEU:HD22	2	0.65	0.21	0.65
(4,1935)	1:11:A:ILE:HB	1:40:A:LEU:HD23	2	0.65	0.21	0.65
(11,1972)	1:11:A:ILE:HB	1:40:A:LEU:HD11	2	0.65	0.21	0.65
(11,1972)	1:11:A:ILE:HB	1:40:A:LEU:HD12	2	0.65	0.21	0.65
(11,1972)	1:11:A:ILE:HB	1:40:A:LEU:HD13	2	0.65	0.21	0.65
(11,1972)	1:11:A:ILE:HB	1:40:A:LEU:HD21	2	0.65	0.21	0.65
(11,1972)	1:11:A:ILE:HB	1:40:A:LEU:HD22	2	0.65	0.21	0.65
(11,1972)	1:11:A:ILE:HB	1:40:A:LEU:HD23	2	0.65	0.21	0.65
(13,2269)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	2	0.65	0.24	0.65
(13,2269)	1:98:A:ILE:HG21	1:116:A:GLN:HG3	2	0.65	0.24	0.65
(13,2269)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	2	0.65	0.24	0.65
(13,2269)	1:98:A:ILE:HG22	1:116:A:GLN:HG3	2	0.65	0.24	0.65
(13,2269)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	2	0.65	0.24	0.65
(13,2269)	1:98:A:ILE:HG23	1:116:A:GLN:HG3	2	0.65	0.24	0.65
(33,1947)	1:11:A:ILE:HB	1:40:A:LEU:HD11	2	0.65	0.21	0.65
(33,1947)	1:11:A:ILE:HB	1:40:A:LEU:HD12	2	0.65	0.21	0.65
(33,1947)	1:11:A:ILE:HB	1:40:A:LEU:HD13	2	0.65	0.21	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,1947)	1:11:A:ILE:HB	1:40:A:LEU:HD21	2	0.65	0.21	0.65
(33,1947)	1:11:A:ILE:HB	1:40:A:LEU:HD22	2	0.65	0.21	0.65
(33,1947)	1:11:A:ILE:HB	1:40:A:LEU:HD23	2	0.65	0.21	0.65
(18,1224)	1:11:A:ILE:HD11	1:131:A:LEU:HA	2	0.65	0.29	0.65
(18,1224)	1:11:A:ILE:HD12	1:131:A:LEU:HA	2	0.65	0.29	0.65
(18,1224)	1:11:A:ILE:HD13	1:131:A:LEU:HA	2	0.65	0.29	0.65
(2,2326)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	2	0.64	0.04	0.64
(2,2326)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	2	0.64	0.04	0.64
(2,2326)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	2	0.64	0.04	0.64
(2,2326)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	2	0.64	0.04	0.64
(2,2326)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	2	0.64	0.04	0.64
(2,2326)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	2	0.64	0.04	0.64
(7,2287)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	2	0.64	0.04	0.64
(7,2287)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	2	0.64	0.04	0.64
(7,2287)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	2	0.64	0.04	0.64
(7,2287)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	2	0.64	0.04	0.64
(7,2287)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	2	0.64	0.04	0.64
(7,2287)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	2	0.64	0.04	0.64
(13,2283)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	2	0.64	0.04	0.64
(13,2283)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	2	0.64	0.04	0.64
(13,2283)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	2	0.64	0.04	0.64
(13,2283)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	2	0.64	0.04	0.64
(13,2283)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	2	0.64	0.04	0.64
(13,2283)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	2	0.64	0.04	0.64
(3,2049)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	2	0.64	0.15	0.64
(3,2049)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	2	0.64	0.15	0.64
(3,2049)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	2	0.64	0.15	0.64
(3,2049)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	2	0.64	0.15	0.64
(3,2049)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	2	0.64	0.15	0.64
(3,2049)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	2	0.64	0.15	0.64
(3,2049)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	2	0.64	0.15	0.64
(3,2049)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	2	0.64	0.15	0.64
(3,2049)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	2	0.64	0.15	0.64
(3,2049)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	2	0.64	0.15	0.64
(3,2049)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	2	0.64	0.15	0.64
(3,2049)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	2	0.64	0.15	0.64
(15,1996)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	2	0.64	0.15	0.64
(15,1996)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	2	0.64	0.15	0.64
(15,1996)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	2	0.64	0.15	0.64
(15,1996)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	2	0.64	0.15	0.64
(15,1996)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	2	0.64	0.15	0.64
(15,1996)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	2	0.64	0.15	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,1996)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	2	0.64	0.15	0.64
(15,1996)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	2	0.64	0.15	0.64
(15,1996)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	2	0.64	0.15	0.64
(15,1996)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	2	0.64	0.15	0.64
(15,1996)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	2	0.64	0.15	0.64
(15,1996)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	2	0.64	0.15	0.64
(1,1176)	1:136:A:CYS:HA	1:140:A:LEU:HD21	2	0.64	0.28	0.64
(1,1176)	1:136:A:CYS:HA	1:140:A:LEU:HD22	2	0.64	0.28	0.64
(1,1176)	1:136:A:CYS:HA	1:140:A:LEU:HD23	2	0.64	0.28	0.64
(7,1815)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	2	0.64	0.3	0.64
(7,1815)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	2	0.64	0.3	0.64
(7,1815)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	2	0.64	0.3	0.64
(7,1815)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	2	0.64	0.3	0.64
(1,2008)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	2	0.63	0.15	0.63
(1,2008)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	2	0.63	0.15	0.63
(1,2008)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	2	0.63	0.15	0.63
(1,2008)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	2	0.63	0.15	0.63
(1,2008)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	2	0.63	0.15	0.63
(1,2008)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	2	0.63	0.15	0.63
(1,2008)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	2	0.63	0.15	0.63
(1,2008)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	2	0.63	0.15	0.63
(1,2008)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	2	0.63	0.15	0.63
(1,2008)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	2	0.63	0.15	0.63
(1,2008)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	2	0.63	0.15	0.63
(1,2008)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	2	0.63	0.15	0.63
(1,2018)	1:21:A:THR:HB	1:23:A:LEU:HD11	2	0.63	0.43	0.63
(1,2018)	1:21:A:THR:HB	1:23:A:LEU:HD12	2	0.63	0.43	0.63
(1,2018)	1:21:A:THR:HB	1:23:A:LEU:HD13	2	0.63	0.43	0.63
(1,2018)	1:21:A:THR:HB	1:23:A:LEU:HD21	2	0.63	0.43	0.63
(1,2018)	1:21:A:THR:HB	1:23:A:LEU:HD22	2	0.63	0.43	0.63
(1,2018)	1:21:A:THR:HB	1:23:A:LEU:HD23	2	0.63	0.43	0.63
(2,1813)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	2	0.63	0.46	0.63
(2,1813)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	2	0.63	0.46	0.63
(2,1813)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	2	0.63	0.46	0.63
(2,1813)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	2	0.63	0.46	0.63
(2,1813)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	2	0.63	0.46	0.63
(2,1813)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	2	0.63	0.46	0.63
(7,1988)	1:21:A:THR:HB	1:23:A:LEU:HD11	2	0.63	0.43	0.63
(7,1988)	1:21:A:THR:HB	1:23:A:LEU:HD12	2	0.63	0.43	0.63
(7,1988)	1:21:A:THR:HB	1:23:A:LEU:HD13	2	0.63	0.43	0.63
(7,1988)	1:21:A:THR:HB	1:23:A:LEU:HD21	2	0.63	0.43	0.63
(7,1988)	1:21:A:THR:HB	1:23:A:LEU:HD22	2	0.63	0.43	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1988)	1:21:A:THR:HB	1:23:A:LEU:HD23	2	0.63	0.43	0.63
(15,945)	1:39:A:VAL:HA	1:140:A:LEU:HD11	2	0.63	0.04	0.63
(15,945)	1:39:A:VAL:HA	1:140:A:LEU:HD12	2	0.63	0.04	0.63
(15,945)	1:39:A:VAL:HA	1:140:A:LEU:HD13	2	0.63	0.04	0.63
(17,955)	1:39:A:VAL:HA	1:140:A:LEU:HD11	2	0.63	0.04	0.63
(17,955)	1:39:A:VAL:HA	1:140:A:LEU:HD12	2	0.63	0.04	0.63
(17,955)	1:39:A:VAL:HA	1:140:A:LEU:HD13	2	0.63	0.04	0.63
(32,920)	1:39:A:VAL:HA	1:140:A:LEU:HD11	2	0.63	0.04	0.63
(32,920)	1:39:A:VAL:HA	1:140:A:LEU:HD12	2	0.63	0.04	0.63
(32,920)	1:39:A:VAL:HA	1:140:A:LEU:HD13	2	0.63	0.04	0.63
(32,1507)	1:46:A:ASN:HB3	1:134:A:VAL:HB	2	0.63	0.09	0.63
(33,2021)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	2	0.63	0.15	0.63
(33,2021)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	2	0.63	0.15	0.63
(33,2021)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	2	0.63	0.15	0.63
(33,2021)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	2	0.63	0.15	0.63
(33,2021)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	2	0.63	0.15	0.63
(33,2021)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	2	0.63	0.15	0.63
(33,2021)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	2	0.63	0.15	0.63
(33,2021)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	2	0.63	0.15	0.63
(33,2021)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	2	0.63	0.15	0.63
(33,2021)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	2	0.63	0.15	0.63
(33,2021)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	2	0.63	0.15	0.63
(33,2021)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	2	0.63	0.15	0.63
(33,2031)	1:21:A:THR:HB	1:23:A:LEU:HD11	2	0.63	0.43	0.63
(33,2031)	1:21:A:THR:HB	1:23:A:LEU:HD12	2	0.63	0.43	0.63
(33,2031)	1:21:A:THR:HB	1:23:A:LEU:HD13	2	0.63	0.43	0.63
(33,2031)	1:21:A:THR:HB	1:23:A:LEU:HD21	2	0.63	0.43	0.63
(33,2031)	1:21:A:THR:HB	1:23:A:LEU:HD22	2	0.63	0.43	0.63
(33,2031)	1:21:A:THR:HB	1:23:A:LEU:HD23	2	0.63	0.43	0.63
(34,970)	1:39:A:VAL:HA	1:140:A:LEU:HD11	2	0.63	0.04	0.63
(34,970)	1:39:A:VAL:HA	1:140:A:LEU:HD12	2	0.63	0.04	0.63
(34,970)	1:39:A:VAL:HA	1:140:A:LEU:HD13	2	0.63	0.04	0.63
(4,1838)	1:9:A:PHE:HE1	1:54:A:ARG:HE	2	0.62	0.36	0.62
(4,1838)	1:9:A:PHE:HE2	1:54:A:ARG:HE	2	0.62	0.36	0.62
(5,1889)	1:9:A:PHE:HE1	1:54:A:ARG:HE	2	0.62	0.36	0.62
(5,1889)	1:9:A:PHE:HE2	1:54:A:ARG:HE	2	0.62	0.36	0.62
(7,2298)	1:104:A:PHE:HD1	1:116:A:GLN:HG2	2	0.62	0.16	0.62
(7,2298)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	2	0.62	0.16	0.62
(7,2298)	1:104:A:PHE:HD2	1:116:A:GLN:HG2	2	0.62	0.16	0.62
(7,2298)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	2	0.62	0.16	0.62
(13,1805)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	2	0.62	0.3	0.62
(13,1805)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	2	0.62	0.3	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1805)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	2	0.62	0.3	0.62
(13,1805)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	2	0.62	0.3	0.62
(17,1396)	1:103:A:ARG:HD2	1:107:A:LEU:HD11	2	0.62	0.03	0.62
(17,1396)	1:103:A:ARG:HD2	1:107:A:LEU:HD12	2	0.62	0.03	0.62
(17,1396)	1:103:A:ARG:HD2	1:107:A:LEU:HD13	2	0.62	0.03	0.62
(17,1396)	1:103:A:ARG:HD3	1:107:A:LEU:HD11	2	0.62	0.03	0.62
(17,1396)	1:103:A:ARG:HD3	1:107:A:LEU:HD12	2	0.62	0.03	0.62
(17,1396)	1:103:A:ARG:HD3	1:107:A:LEU:HD13	2	0.62	0.03	0.62
(29,1881)	1:9:A:PHE:HE1	1:54:A:ARG:HE	2	0.62	0.36	0.62
(29,1881)	1:9:A:PHE:HE2	1:54:A:ARG:HE	2	0.62	0.36	0.62
(3,2165)	1:43:A:MET:HB2	1:140:A:LEU:HG	2	0.61	0.12	0.61
(3,2165)	1:43:A:MET:HB3	1:140:A:LEU:HG	2	0.61	0.12	0.61
(4,2139)	1:43:A:MET:HB2	1:140:A:LEU:HG	2	0.61	0.12	0.61
(4,2139)	1:43:A:MET:HB3	1:140:A:LEU:HG	2	0.61	0.12	0.61
(5,1999)	1:16:A:SER:HB2	1:19:A:ALA:HB1	2	0.61	0.35	0.61
(5,1999)	1:16:A:SER:HB2	1:19:A:ALA:HB2	2	0.61	0.35	0.61
(5,1999)	1:16:A:SER:HB2	1:19:A:ALA:HB3	2	0.61	0.35	0.61
(5,1999)	1:16:A:SER:HB3	1:19:A:ALA:HB1	2	0.61	0.35	0.61
(5,1999)	1:16:A:SER:HB3	1:19:A:ALA:HB2	2	0.61	0.35	0.61
(5,1999)	1:16:A:SER:HB3	1:19:A:ALA:HB3	2	0.61	0.35	0.61
(2,2031)	1:16:A:SER:H	1:131:A:LEU:HD11	2	0.6	0.04	0.6
(2,2031)	1:16:A:SER:H	1:131:A:LEU:HD12	2	0.6	0.04	0.6
(2,2031)	1:16:A:SER:H	1:131:A:LEU:HD13	2	0.6	0.04	0.6
(2,2031)	1:16:A:SER:H	1:131:A:LEU:HD21	2	0.6	0.04	0.6
(2,2031)	1:16:A:SER:H	1:131:A:LEU:HD22	2	0.6	0.04	0.6
(2,2031)	1:16:A:SER:H	1:131:A:LEU:HD23	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD21	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD22	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD23	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD21	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD22	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD23	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD21	2	0.6	0.04	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD22	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD23	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD21	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD22	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD23	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD21	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD22	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD23	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD21	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD22	2	0.6	0.04	0.6
(32,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD23	2	0.6	0.04	0.6
(1,56)	1:98:A:ILE:H	1:101:A:ILE:HB	2	0.6	0.38	0.6
(2,47)	1:98:A:ILE:H	1:101:A:ILE:HB	2	0.6	0.38	0.6
(3,53)	1:98:A:ILE:H	1:101:A:ILE:HB	2	0.6	0.38	0.6
(4,53)	1:98:A:ILE:H	1:101:A:ILE:HB	2	0.6	0.38	0.6
(6,48)	1:98:A:ILE:H	1:101:A:ILE:HB	2	0.6	0.38	0.6
(7,47)	1:98:A:ILE:H	1:101:A:ILE:HB	2	0.6	0.38	0.6
(7,1618)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	2	0.6	0.02	0.6
(7,1618)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	2	0.6	0.02	0.6
(7,1618)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	2	0.6	0.02	0.6
(11,53)	1:98:A:ILE:H	1:101:A:ILE:HB	2	0.6	0.38	0.6
(13,46)	1:98:A:ILE:H	1:101:A:ILE:HB	2	0.6	0.38	0.6
(13,1906)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	2	0.6	0.28	0.6
(13,1906)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	2	0.6	0.28	0.6
(13,1906)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	2	0.6	0.28	0.6
(13,1906)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	2	0.6	0.28	0.6
(13,1906)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	2	0.6	0.28	0.6
(13,1906)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	2	0.6	0.28	0.6
(13,1906)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	2	0.6	0.28	0.6
(13,1906)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	2	0.6	0.28	0.6
(13,1906)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	2	0.6	0.28	0.6
(13,1906)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	2	0.6	0.28	0.6
(13,1906)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	2	0.6	0.28	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1906)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	2	0.6	0.28	0.6
(15,53)	1:98:A:ILE:H	1:101:A:ILE:HB	2	0.6	0.38	0.6
(16,49)	1:98:A:ILE:H	1:101:A:ILE:HB	2	0.6	0.38	0.6
(17,50)	1:98:A:ILE:H	1:101:A:ILE:HB	2	0.6	0.38	0.6
(29,54)	1:98:A:ILE:H	1:101:A:ILE:HB	2	0.6	0.38	0.6
(30,48)	1:98:A:ILE:H	1:101:A:ILE:HB	2	0.6	0.38	0.6
(33,55)	1:98:A:ILE:H	1:101:A:ILE:HB	2	0.6	0.38	0.6
(34,51)	1:98:A:ILE:H	1:101:A:ILE:HB	2	0.6	0.38	0.6
(1,106)	1:63:A:ILE:H	1:63:A:ILE:HG13	2	0.6	0.22	0.6
(2,99)	1:63:A:ILE:H	1:63:A:ILE:HG13	2	0.6	0.22	0.6
(3,99)	1:63:A:ILE:H	1:63:A:ILE:HG13	2	0.6	0.22	0.6
(4,100)	1:63:A:ILE:H	1:63:A:ILE:HG13	2	0.6	0.22	0.6
(5,95)	1:63:A:ILE:H	1:63:A:ILE:HG13	2	0.6	0.22	0.6
(6,100)	1:63:A:ILE:H	1:63:A:ILE:HG13	2	0.6	0.22	0.6
(9,101)	1:63:A:ILE:H	1:63:A:ILE:HG13	2	0.6	0.22	0.6
(11,101)	1:63:A:ILE:H	1:63:A:ILE:HG13	2	0.6	0.22	0.6
(13,98)	1:63:A:ILE:H	1:63:A:ILE:HG13	2	0.6	0.22	0.6
(15,106)	1:63:A:ILE:H	1:63:A:ILE:HG13	2	0.6	0.22	0.6
(17,98)	1:63:A:ILE:H	1:63:A:ILE:HG13	2	0.6	0.22	0.6
(18,100)	1:63:A:ILE:H	1:63:A:ILE:HG13	2	0.6	0.22	0.6
(29,102)	1:63:A:ILE:H	1:63:A:ILE:HG13	2	0.6	0.22	0.6
(30,101)	1:63:A:ILE:H	1:63:A:ILE:HG13	2	0.6	0.22	0.6
(32,497)	1:70:A:LYS:HE2	1:71:A:LYS:H	2	0.6	0.14	0.6
(32,497)	1:70:A:LYS:HE3	1:71:A:LYS:H	2	0.6	0.14	0.6
(33,103)	1:63:A:ILE:H	1:63:A:ILE:HG13	2	0.6	0.22	0.6
(34,102)	1:63:A:ILE:H	1:63:A:ILE:HG13	2	0.6	0.22	0.6
(1,1622)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(1,1622)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(1,1622)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(1,1622)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(1,1622)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(1,1622)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(4,1587)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(4,1587)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(4,1587)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(4,1587)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(4,1587)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(4,1587)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(6,1608)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(6,1608)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(6,1608)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(6,1608)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	2	0.59	0.21	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,1608)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(6,1608)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(7,1582)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(7,1582)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(7,1582)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(7,1582)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(7,1582)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(7,1582)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(9,1602)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(9,1602)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(9,1602)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(9,1602)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(9,1602)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(9,1602)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(11,1640)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(11,1640)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(11,1640)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(11,1640)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(11,1640)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(11,1640)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(13,1577)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(13,1577)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(13,1577)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(13,1577)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(13,1577)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(13,1577)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(15,977)	1:46:A:ASN:HB3	1:134:A:VAL:HB	2	0.59	0.09	0.59
(15,1601)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(15,1601)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(15,1601)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(15,1601)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(15,1601)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(15,1601)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(16,993)	1:46:A:ASN:HB3	1:134:A:VAL:HB	2	0.59	0.09	0.59
(16,1596)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(16,1596)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(16,1596)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(16,1596)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(16,1596)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(16,1596)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(17,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(17,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	2	0.59	0.21	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(17,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(17,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(17,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(18,1593)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(18,1593)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(18,1593)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(18,1593)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(18,1593)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(18,1593)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(30,1612)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(30,1612)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(30,1612)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(30,1612)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(30,1612)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(30,1612)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(32,1573)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(32,1573)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(32,1573)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(32,1573)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(32,1573)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(32,1573)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(34,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(34,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(34,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(34,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(34,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	2	0.59	0.21	0.59
(34,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	2	0.59	0.21	0.59
(33,1226)	1:11:A:ILE:HD11	1:131:A:LEU:HA	2	0.59	0.29	0.59
(33,1226)	1:11:A:ILE:HD12	1:131:A:LEU:HA	2	0.59	0.29	0.59
(33,1226)	1:11:A:ILE:HD13	1:131:A:LEU:HA	2	0.59	0.29	0.59
(2,1368)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	2	0.58	0.46	0.58
(2,1368)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	2	0.58	0.46	0.58
(2,1368)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	2	0.58	0.46	0.58
(4,1624)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	2	0.58	0.46	0.58
(4,1624)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	2	0.58	0.46	0.58
(4,1624)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	2	0.58	0.46	0.58
(17,885)	1:129:A:LYS:HB2	1:133:A:ASN:HB2	2	0.58	0.38	0.58
(17,885)	1:129:A:LYS:HB3	1:133:A:ASN:HB2	2	0.58	0.38	0.58
(7,1946)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	2	0.58	0.04	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1946)	1:14:A:VAL:HG11	1:60:A:LEU:HD21	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG11	1:60:A:LEU:HD22	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG11	1:60:A:LEU:HD23	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG12	1:60:A:LEU:HD21	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG12	1:60:A:LEU:HD22	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG12	1:60:A:LEU:HD23	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG13	1:60:A:LEU:HD21	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG13	1:60:A:LEU:HD22	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG13	1:60:A:LEU:HD23	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG21	1:60:A:LEU:HD21	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG21	1:60:A:LEU:HD22	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG21	1:60:A:LEU:HD23	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG22	1:60:A:LEU:HD21	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG22	1:60:A:LEU:HD22	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG22	1:60:A:LEU:HD23	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG23	1:60:A:LEU:HD21	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG23	1:60:A:LEU:HD22	2	0.58	0.04	0.58
(7,1946)	1:14:A:VAL:HG23	1:60:A:LEU:HD23	2	0.58	0.04	0.58
(34,1407)	1:16:A:SER:HA	1:19:A:ALA:HB1	2	0.58	0.25	0.58
(34,1407)	1:16:A:SER:HA	1:19:A:ALA:HB2	2	0.58	0.25	0.58
(34,1407)	1:16:A:SER:HA	1:19:A:ALA:HB3	2	0.58	0.25	0.58
(2,1440)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	2	0.57	0.04	0.57
(2,1440)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	2	0.57	0.04	0.57
(2,1440)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	2	0.57	0.04	0.57
(6,1775)	1:65:A:CYS:HB2	1:69:A:MET:HE1	2	0.57	0.2	0.57
(6,1775)	1:65:A:CYS:HB2	1:69:A:MET:HE2	2	0.57	0.2	0.57
(6,1775)	1:65:A:CYS:HB2	1:69:A:MET:HE3	2	0.57	0.2	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,517)	1:70:A:LYS:HE2	1:71:A:LYS:H	2	0.57	0.14	0.57
(15,517)	1:70:A:LYS:HE3	1:71:A:LYS:H	2	0.57	0.14	0.57
(15,1430)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	2	0.57	0.04	0.57
(15,1430)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	2	0.57	0.04	0.57
(15,1430)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	2	0.57	0.04	0.57
(18,1537)	1:143:A:TRP:HB3	1:144:A:LEU:HD21	2	0.57	0.02	0.57
(18,1537)	1:143:A:TRP:HB3	1:144:A:LEU:HD22	2	0.57	0.02	0.57
(18,1537)	1:143:A:TRP:HB3	1:144:A:LEU:HD23	2	0.57	0.02	0.57
(33,1431)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	2	0.57	0.04	0.57
(33,1431)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	2	0.57	0.04	0.57
(33,1431)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	2	0.57	0.04	0.57
(1,941)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	2	0.57	0.05	0.57
(1,941)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	2	0.57	0.05	0.57
(1,941)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	2	0.57	0.05	0.57
(3,937)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	2	0.57	0.05	0.57
(3,937)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	2	0.57	0.05	0.57
(3,937)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	2	0.57	0.05	0.57
(17,925)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	2	0.57	0.05	0.57
(17,925)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	2	0.57	0.05	0.57
(17,925)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	2	0.57	0.05	0.57
(18,925)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	2	0.57	0.05	0.57
(18,925)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	2	0.57	0.05	0.57
(18,925)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	2	0.57	0.05	0.57
(30,1714)	1:67:A:PRO:HD3	1:96:A:VAL:HG21	2	0.57	0.44	0.57
(30,1714)	1:67:A:PRO:HD3	1:96:A:VAL:HG22	2	0.57	0.44	0.57
(30,1714)	1:67:A:PRO:HD3	1:96:A:VAL:HG23	2	0.57	0.44	0.57
(32,1664)	1:67:A:PRO:HD3	1:96:A:VAL:HG21	2	0.57	0.44	0.57
(32,1664)	1:67:A:PRO:HD3	1:96:A:VAL:HG22	2	0.57	0.44	0.57
(32,1664)	1:67:A:PRO:HD3	1:96:A:VAL:HG23	2	0.57	0.44	0.57
(33,1764)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	2	0.57	0.05	0.57
(33,1764)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	2	0.57	0.05	0.57
(33,1764)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	2	0.57	0.05	0.57
(32,2329)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	2	0.57	0.27	0.57
(32,2329)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	2	0.57	0.27	0.57
(32,2329)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	2	0.57	0.27	0.57
(32,2329)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	2	0.57	0.27	0.57
(32,2329)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	2	0.57	0.27	0.57
(32,2329)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	2	0.57	0.27	0.57
(32,2329)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	2	0.57	0.27	0.57
(32,2329)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	2	0.57	0.27	0.57
(32,2329)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	2	0.57	0.27	0.57
(32,2329)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	2	0.57	0.27	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,2329)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	2	0.57	0.27	0.57
(32,2329)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	2	0.57	0.27	0.57
(34,2116)	1:39:A:VAL:HG11	1:43:A:MET:HB2	2	0.57	0.16	0.57
(34,2116)	1:39:A:VAL:HG12	1:43:A:MET:HB2	2	0.57	0.16	0.57
(34,2116)	1:39:A:VAL:HG13	1:43:A:MET:HB2	2	0.57	0.16	0.57
(34,2116)	1:39:A:VAL:HG21	1:43:A:MET:HB2	2	0.57	0.16	0.57
(34,2116)	1:39:A:VAL:HG22	1:43:A:MET:HB2	2	0.57	0.16	0.57
(34,2116)	1:39:A:VAL:HG23	1:43:A:MET:HB2	2	0.57	0.16	0.57
(13,1367)	1:19:A:ALA:HB1	1:21:A:THR:HG21	2	0.57	0.46	0.57
(13,1367)	1:19:A:ALA:HB1	1:21:A:THR:HG22	2	0.57	0.46	0.57
(13,1367)	1:19:A:ALA:HB1	1:21:A:THR:HG23	2	0.57	0.46	0.57
(13,1367)	1:19:A:ALA:HB2	1:21:A:THR:HG21	2	0.57	0.46	0.57
(13,1367)	1:19:A:ALA:HB2	1:21:A:THR:HG22	2	0.57	0.46	0.57
(13,1367)	1:19:A:ALA:HB2	1:21:A:THR:HG23	2	0.57	0.46	0.57
(13,1367)	1:19:A:ALA:HB3	1:21:A:THR:HG21	2	0.57	0.46	0.57
(13,1367)	1:19:A:ALA:HB3	1:21:A:THR:HG22	2	0.57	0.46	0.57
(13,1367)	1:19:A:ALA:HB3	1:21:A:THR:HG23	2	0.57	0.46	0.57
(30,1390)	1:19:A:ALA:HB1	1:21:A:THR:HG21	2	0.57	0.46	0.57
(30,1390)	1:19:A:ALA:HB1	1:21:A:THR:HG22	2	0.57	0.46	0.57
(30,1390)	1:19:A:ALA:HB1	1:21:A:THR:HG23	2	0.57	0.46	0.57
(30,1390)	1:19:A:ALA:HB2	1:21:A:THR:HG21	2	0.57	0.46	0.57
(30,1390)	1:19:A:ALA:HB2	1:21:A:THR:HG22	2	0.57	0.46	0.57
(30,1390)	1:19:A:ALA:HB2	1:21:A:THR:HG23	2	0.57	0.46	0.57
(30,1390)	1:19:A:ALA:HB3	1:21:A:THR:HG21	2	0.57	0.46	0.57
(30,1390)	1:19:A:ALA:HB3	1:21:A:THR:HG22	2	0.57	0.46	0.57
(30,1390)	1:19:A:ALA:HB3	1:21:A:THR:HG23	2	0.57	0.46	0.57
(32,838)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	2	0.56	0.32	0.56
(32,838)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	2	0.56	0.32	0.56
(2,1305)	1:66:A:THR:HG21	1:96:A:VAL:HB	2	0.56	0.1	0.56
(2,1305)	1:66:A:THR:HG22	1:96:A:VAL:HB	2	0.56	0.1	0.56
(2,1305)	1:66:A:THR:HG23	1:96:A:VAL:HB	2	0.56	0.1	0.56
(3,2138)	1:39:A:VAL:HG11	1:140:A:LEU:HG	2	0.56	0.03	0.56
(3,2138)	1:39:A:VAL:HG12	1:140:A:LEU:HG	2	0.56	0.03	0.56
(3,2138)	1:39:A:VAL:HG13	1:140:A:LEU:HG	2	0.56	0.03	0.56
(3,2138)	1:39:A:VAL:HG21	1:140:A:LEU:HG	2	0.56	0.03	0.56
(3,2138)	1:39:A:VAL:HG22	1:140:A:LEU:HG	2	0.56	0.03	0.56
(3,2138)	1:39:A:VAL:HG23	1:140:A:LEU:HG	2	0.56	0.03	0.56
(5,2104)	1:39:A:VAL:HG11	1:140:A:LEU:HG	2	0.56	0.03	0.56
(5,2104)	1:39:A:VAL:HG12	1:140:A:LEU:HG	2	0.56	0.03	0.56
(5,2104)	1:39:A:VAL:HG13	1:140:A:LEU:HG	2	0.56	0.03	0.56
(5,2104)	1:39:A:VAL:HG21	1:140:A:LEU:HG	2	0.56	0.03	0.56
(5,2104)	1:39:A:VAL:HG22	1:140:A:LEU:HG	2	0.56	0.03	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,2104)	1:39:A:VAL:HG23	1:140:A:LEU:HG	2	0.56	0.03	0.56
(7,1288)	1:66:A:THR:HG21	1:96:A:VAL:HB	2	0.56	0.1	0.56
(7,1288)	1:66:A:THR:HG22	1:96:A:VAL:HB	2	0.56	0.1	0.56
(7,1288)	1:66:A:THR:HG23	1:96:A:VAL:HB	2	0.56	0.1	0.56
(7,2089)	1:39:A:VAL:HG11	1:140:A:LEU:HG	2	0.56	0.03	0.56
(7,2089)	1:39:A:VAL:HG12	1:140:A:LEU:HG	2	0.56	0.03	0.56
(7,2089)	1:39:A:VAL:HG13	1:140:A:LEU:HG	2	0.56	0.03	0.56
(7,2089)	1:39:A:VAL:HG21	1:140:A:LEU:HG	2	0.56	0.03	0.56
(7,2089)	1:39:A:VAL:HG22	1:140:A:LEU:HG	2	0.56	0.03	0.56
(7,2089)	1:39:A:VAL:HG23	1:140:A:LEU:HG	2	0.56	0.03	0.56
(11,1321)	1:66:A:THR:HG21	1:96:A:VAL:HB	2	0.56	0.1	0.56
(11,1321)	1:66:A:THR:HG22	1:96:A:VAL:HB	2	0.56	0.1	0.56
(11,1321)	1:66:A:THR:HG23	1:96:A:VAL:HB	2	0.56	0.1	0.56
(13,1277)	1:66:A:THR:HG21	1:96:A:VAL:HB	2	0.56	0.1	0.56
(13,1277)	1:66:A:THR:HG22	1:96:A:VAL:HB	2	0.56	0.1	0.56
(13,1277)	1:66:A:THR:HG23	1:96:A:VAL:HB	2	0.56	0.1	0.56
(13,1354)	1:103:A:ARG:HD2	1:107:A:LEU:HD11	2	0.56	0.03	0.56
(13,1354)	1:103:A:ARG:HD2	1:107:A:LEU:HD12	2	0.56	0.03	0.56
(13,1354)	1:103:A:ARG:HD2	1:107:A:LEU:HD13	2	0.56	0.03	0.56
(13,1354)	1:103:A:ARG:HD3	1:107:A:LEU:HD11	2	0.56	0.03	0.56
(13,1354)	1:103:A:ARG:HD3	1:107:A:LEU:HD12	2	0.56	0.03	0.56
(13,1354)	1:103:A:ARG:HD3	1:107:A:LEU:HD13	2	0.56	0.03	0.56
(15,1304)	1:66:A:THR:HG21	1:96:A:VAL:HB	2	0.56	0.1	0.56
(15,1304)	1:66:A:THR:HG22	1:96:A:VAL:HB	2	0.56	0.1	0.56
(15,1304)	1:66:A:THR:HG23	1:96:A:VAL:HB	2	0.56	0.1	0.56
(15,1966)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG11	1:60:A:LEU:HD21	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG11	1:60:A:LEU:HD22	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG11	1:60:A:LEU:HD23	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG12	1:60:A:LEU:HD21	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG12	1:60:A:LEU:HD22	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG12	1:60:A:LEU:HD23	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG13	1:60:A:LEU:HD21	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG13	1:60:A:LEU:HD22	2	0.56	0.04	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,1966)	1:14:A:VAL:HG13	1:60:A:LEU:HD23	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG21	1:60:A:LEU:HD21	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG21	1:60:A:LEU:HD22	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG21	1:60:A:LEU:HD23	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG22	1:60:A:LEU:HD21	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG22	1:60:A:LEU:HD22	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG22	1:60:A:LEU:HD23	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG23	1:60:A:LEU:HD21	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG23	1:60:A:LEU:HD22	2	0.56	0.04	0.56
(15,1966)	1:14:A:VAL:HG23	1:60:A:LEU:HD23	2	0.56	0.04	0.56
(16,2128)	1:39:A:VAL:HG11	1:140:A:LEU:HG	2	0.56	0.03	0.56
(16,2128)	1:39:A:VAL:HG12	1:140:A:LEU:HG	2	0.56	0.03	0.56
(16,2128)	1:39:A:VAL:HG13	1:140:A:LEU:HG	2	0.56	0.03	0.56
(16,2128)	1:39:A:VAL:HG21	1:140:A:LEU:HG	2	0.56	0.03	0.56
(16,2128)	1:39:A:VAL:HG22	1:140:A:LEU:HG	2	0.56	0.03	0.56
(16,2128)	1:39:A:VAL:HG23	1:140:A:LEU:HG	2	0.56	0.03	0.56
(18,2113)	1:39:A:VAL:HG11	1:140:A:LEU:HG	2	0.56	0.03	0.56
(18,2113)	1:39:A:VAL:HG12	1:140:A:LEU:HG	2	0.56	0.03	0.56
(18,2113)	1:39:A:VAL:HG13	1:140:A:LEU:HG	2	0.56	0.03	0.56
(18,2113)	1:39:A:VAL:HG21	1:140:A:LEU:HG	2	0.56	0.03	0.56
(18,2113)	1:39:A:VAL:HG22	1:140:A:LEU:HG	2	0.56	0.03	0.56
(18,2113)	1:39:A:VAL:HG23	1:140:A:LEU:HG	2	0.56	0.03	0.56
(30,1299)	1:66:A:THR:HG21	1:96:A:VAL:HB	2	0.56	0.1	0.56
(30,1299)	1:66:A:THR:HG22	1:96:A:VAL:HB	2	0.56	0.1	0.56
(30,1299)	1:66:A:THR:HG23	1:96:A:VAL:HB	2	0.56	0.1	0.56
(30,1975)	1:12:A:VAL:HG11	1:43:A:MET:HE1	2	0.56	0.34	0.56
(30,1975)	1:12:A:VAL:HG11	1:43:A:MET:HE2	2	0.56	0.34	0.56
(30,1975)	1:12:A:VAL:HG11	1:43:A:MET:HE3	2	0.56	0.34	0.56
(30,1975)	1:12:A:VAL:HG12	1:43:A:MET:HE1	2	0.56	0.34	0.56
(30,1975)	1:12:A:VAL:HG12	1:43:A:MET:HE2	2	0.56	0.34	0.56
(30,1975)	1:12:A:VAL:HG12	1:43:A:MET:HE3	2	0.56	0.34	0.56
(30,1975)	1:12:A:VAL:HG13	1:43:A:MET:HE1	2	0.56	0.34	0.56
(30,1975)	1:12:A:VAL:HG13	1:43:A:MET:HE2	2	0.56	0.34	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,1975)	1:12:A:VAL:HG13	1:43:A:MET:HE3	2	0.56	0.34	0.56
(30,1975)	1:12:A:VAL:HG21	1:43:A:MET:HE1	2	0.56	0.34	0.56
(30,1975)	1:12:A:VAL:HG21	1:43:A:MET:HE2	2	0.56	0.34	0.56
(30,1975)	1:12:A:VAL:HG21	1:43:A:MET:HE3	2	0.56	0.34	0.56
(30,1975)	1:12:A:VAL:HG22	1:43:A:MET:HE1	2	0.56	0.34	0.56
(30,1975)	1:12:A:VAL:HG22	1:43:A:MET:HE2	2	0.56	0.34	0.56
(30,1975)	1:12:A:VAL:HG22	1:43:A:MET:HE3	2	0.56	0.34	0.56
(30,1975)	1:12:A:VAL:HG23	1:43:A:MET:HE1	2	0.56	0.34	0.56
(30,1975)	1:12:A:VAL:HG23	1:43:A:MET:HE2	2	0.56	0.34	0.56
(30,1975)	1:12:A:VAL:HG23	1:43:A:MET:HE3	2	0.56	0.34	0.56
(33,1309)	1:66:A:THR:HG21	1:96:A:VAL:HB	2	0.56	0.1	0.56
(33,1309)	1:66:A:THR:HG22	1:96:A:VAL:HB	2	0.56	0.1	0.56
(33,1309)	1:66:A:THR:HG23	1:96:A:VAL:HB	2	0.56	0.1	0.56
(34,999)	1:46:A:ASN:HB3	1:134:A:VAL:HB	2	0.56	0.09	0.56
(9,815)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	2	0.56	0.26	0.56
(9,815)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	2	0.56	0.26	0.56
(9,815)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	2	0.56	0.26	0.56
(4,174)	1:8:A:ASP:H	1:58:A:ILE:HD11	2	0.56	0.32	0.56
(4,174)	1:8:A:ASP:H	1:58:A:ILE:HD12	2	0.56	0.32	0.56
(4,174)	1:8:A:ASP:H	1:58:A:ILE:HD13	2	0.56	0.32	0.56
(6,176)	1:8:A:ASP:H	1:58:A:ILE:HD11	2	0.56	0.32	0.56
(6,176)	1:8:A:ASP:H	1:58:A:ILE:HD12	2	0.56	0.32	0.56
(6,176)	1:8:A:ASP:H	1:58:A:ILE:HD13	2	0.56	0.32	0.56
(13,176)	1:8:A:ASP:H	1:58:A:ILE:HD11	2	0.56	0.32	0.56
(13,176)	1:8:A:ASP:H	1:58:A:ILE:HD12	2	0.56	0.32	0.56
(13,176)	1:8:A:ASP:H	1:58:A:ILE:HD13	2	0.56	0.32	0.56
(18,181)	1:8:A:ASP:H	1:58:A:ILE:HD11	2	0.56	0.32	0.56
(18,181)	1:8:A:ASP:H	1:58:A:ILE:HD12	2	0.56	0.32	0.56
(18,181)	1:8:A:ASP:H	1:58:A:ILE:HD13	2	0.56	0.32	0.56
(33,175)	1:8:A:ASP:H	1:58:A:ILE:HD11	2	0.56	0.32	0.56
(33,175)	1:8:A:ASP:H	1:58:A:ILE:HD12	2	0.56	0.32	0.56
(33,175)	1:8:A:ASP:H	1:58:A:ILE:HD13	2	0.56	0.32	0.56
(9,2008)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	2	0.55	0.04	0.55
(9,2008)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	2	0.55	0.04	0.55
(9,2008)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	2	0.55	0.04	0.55
(9,2008)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	2	0.55	0.04	0.55
(9,2008)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	2	0.55	0.04	0.55
(9,2008)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	2	0.55	0.04	0.55
(9,2008)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	2	0.55	0.04	0.55
(9,2008)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	2	0.55	0.04	0.55
(9,2008)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	2	0.55	0.04	0.55
(9,2008)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	2	0.55	0.04	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,2008)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	2	0.55	0.04	0.55
(9,2008)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	2	0.55	0.04	0.55
(11,1287)	1:113:A:PHE:HE1	1:117:A:VAL:HG21	2	0.55	0.02	0.55
(11,1287)	1:113:A:PHE:HE1	1:117:A:VAL:HG22	2	0.55	0.02	0.55
(11,1287)	1:113:A:PHE:HE1	1:117:A:VAL:HG23	2	0.55	0.02	0.55
(11,1287)	1:113:A:PHE:HE2	1:117:A:VAL:HG21	2	0.55	0.02	0.55
(11,1287)	1:113:A:PHE:HE2	1:117:A:VAL:HG22	2	0.55	0.02	0.55
(11,1287)	1:113:A:PHE:HE2	1:117:A:VAL:HG23	2	0.55	0.02	0.55
(30,1262)	1:113:A:PHE:HE1	1:117:A:VAL:HG21	2	0.55	0.02	0.55
(30,1262)	1:113:A:PHE:HE1	1:117:A:VAL:HG22	2	0.55	0.02	0.55
(30,1262)	1:113:A:PHE:HE1	1:117:A:VAL:HG23	2	0.55	0.02	0.55
(30,1262)	1:113:A:PHE:HE2	1:117:A:VAL:HG21	2	0.55	0.02	0.55
(30,1262)	1:113:A:PHE:HE2	1:117:A:VAL:HG22	2	0.55	0.02	0.55
(30,1262)	1:113:A:PHE:HE2	1:117:A:VAL:HG23	2	0.55	0.02	0.55
(11,1553)	1:66:A:THR:HG21	1:69:A:MET:HE1	2	0.55	0.02	0.55
(11,1553)	1:66:A:THR:HG21	1:69:A:MET:HE2	2	0.55	0.02	0.55
(11,1553)	1:66:A:THR:HG21	1:69:A:MET:HE3	2	0.55	0.02	0.55
(11,1553)	1:66:A:THR:HG22	1:69:A:MET:HE1	2	0.55	0.02	0.55
(11,1553)	1:66:A:THR:HG22	1:69:A:MET:HE2	2	0.55	0.02	0.55
(11,1553)	1:66:A:THR:HG22	1:69:A:MET:HE3	2	0.55	0.02	0.55
(11,1553)	1:66:A:THR:HG23	1:69:A:MET:HE1	2	0.55	0.02	0.55
(11,1553)	1:66:A:THR:HG23	1:69:A:MET:HE2	2	0.55	0.02	0.55
(11,1553)	1:66:A:THR:HG23	1:69:A:MET:HE3	2	0.55	0.02	0.55
(11,1566)	1:46:A:ASN:HB3	1:134:A:VAL:HB	2	0.55	0.09	0.55
(15,2021)	1:28:A:GLY:HA2	1:30:A:LEU:HD11	2	0.55	0.08	0.55
(15,2021)	1:28:A:GLY:HA2	1:30:A:LEU:HD12	2	0.55	0.08	0.55
(15,2021)	1:28:A:GLY:HA2	1:30:A:LEU:HD13	2	0.55	0.08	0.55
(15,2021)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	2	0.55	0.08	0.55
(15,2021)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	2	0.55	0.08	0.55
(15,2021)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	2	0.55	0.08	0.55
(15,2021)	1:28:A:GLY:HA3	1:30:A:LEU:HD11	2	0.55	0.08	0.55
(15,2021)	1:28:A:GLY:HA3	1:30:A:LEU:HD12	2	0.55	0.08	0.55
(15,2021)	1:28:A:GLY:HA3	1:30:A:LEU:HD13	2	0.55	0.08	0.55
(15,2021)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	2	0.55	0.08	0.55
(15,2021)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	2	0.55	0.08	0.55
(15,2021)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	2	0.55	0.08	0.55
(18,2008)	1:16:A:SER:HB2	1:43:A:MET:HE1	2	0.55	0.14	0.55
(18,2008)	1:16:A:SER:HB2	1:43:A:MET:HE2	2	0.55	0.14	0.55
(18,2008)	1:16:A:SER:HB2	1:43:A:MET:HE3	2	0.55	0.14	0.55
(18,2008)	1:16:A:SER:HB3	1:43:A:MET:HE1	2	0.55	0.14	0.55
(18,2008)	1:16:A:SER:HB3	1:43:A:MET:HE2	2	0.55	0.14	0.55
(18,2008)	1:16:A:SER:HB3	1:43:A:MET:HE3	2	0.55	0.14	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,1976)	1:16:A:SER:HB2	1:43:A:MET:HE1	2	0.55	0.14	0.55
(32,1976)	1:16:A:SER:HB2	1:43:A:MET:HE2	2	0.55	0.14	0.55
(32,1976)	1:16:A:SER:HB2	1:43:A:MET:HE3	2	0.55	0.14	0.55
(32,1976)	1:16:A:SER:HB3	1:43:A:MET:HE1	2	0.55	0.14	0.55
(32,1976)	1:16:A:SER:HB3	1:43:A:MET:HE2	2	0.55	0.14	0.55
(32,1976)	1:16:A:SER:HB3	1:43:A:MET:HE3	2	0.55	0.14	0.55
(34,2014)	1:16:A:SER:HB2	1:43:A:MET:HE1	2	0.55	0.14	0.55
(34,2014)	1:16:A:SER:HB2	1:43:A:MET:HE2	2	0.55	0.14	0.55
(34,2014)	1:16:A:SER:HB2	1:43:A:MET:HE3	2	0.55	0.14	0.55
(34,2014)	1:16:A:SER:HB3	1:43:A:MET:HE1	2	0.55	0.14	0.55
(34,2014)	1:16:A:SER:HB3	1:43:A:MET:HE2	2	0.55	0.14	0.55
(34,2014)	1:16:A:SER:HB3	1:43:A:MET:HE3	2	0.55	0.14	0.55
(4,890)	1:20:A:THR:H	1:21:A:THR:HB	2	0.55	0.25	0.55
(6,2141)	1:43:A:MET:HA	1:134:A:VAL:HG11	2	0.55	0.26	0.55
(6,2141)	1:43:A:MET:HA	1:134:A:VAL:HG12	2	0.55	0.26	0.55
(6,2141)	1:43:A:MET:HA	1:134:A:VAL:HG13	2	0.55	0.26	0.55
(6,2141)	1:43:A:MET:HA	1:134:A:VAL:HG21	2	0.55	0.26	0.55
(6,2141)	1:43:A:MET:HA	1:134:A:VAL:HG22	2	0.55	0.26	0.55
(6,2141)	1:43:A:MET:HA	1:134:A:VAL:HG23	2	0.55	0.26	0.55
(15,2118)	1:43:A:MET:HA	1:134:A:VAL:HG11	2	0.55	0.26	0.55
(15,2118)	1:43:A:MET:HA	1:134:A:VAL:HG12	2	0.55	0.26	0.55
(15,2118)	1:43:A:MET:HA	1:134:A:VAL:HG13	2	0.55	0.26	0.55
(15,2118)	1:43:A:MET:HA	1:134:A:VAL:HG21	2	0.55	0.26	0.55
(15,2118)	1:43:A:MET:HA	1:134:A:VAL:HG22	2	0.55	0.26	0.55
(15,2118)	1:43:A:MET:HA	1:134:A:VAL:HG23	2	0.55	0.26	0.55
(18,2141)	1:43:A:MET:HA	1:134:A:VAL:HG11	2	0.55	0.26	0.55
(18,2141)	1:43:A:MET:HA	1:134:A:VAL:HG12	2	0.55	0.26	0.55
(18,2141)	1:43:A:MET:HA	1:134:A:VAL:HG13	2	0.55	0.26	0.55
(18,2141)	1:43:A:MET:HA	1:134:A:VAL:HG21	2	0.55	0.26	0.55
(18,2141)	1:43:A:MET:HA	1:134:A:VAL:HG22	2	0.55	0.26	0.55
(18,2141)	1:43:A:MET:HA	1:134:A:VAL:HG23	2	0.55	0.26	0.55
(32,2128)	1:43:A:MET:HA	1:134:A:VAL:HG11	2	0.55	0.26	0.55
(32,2128)	1:43:A:MET:HA	1:134:A:VAL:HG12	2	0.55	0.26	0.55
(32,2128)	1:43:A:MET:HA	1:134:A:VAL:HG13	2	0.55	0.26	0.55
(32,2128)	1:43:A:MET:HA	1:134:A:VAL:HG21	2	0.55	0.26	0.55
(32,2128)	1:43:A:MET:HA	1:134:A:VAL:HG22	2	0.55	0.26	0.55
(32,2128)	1:43:A:MET:HA	1:134:A:VAL:HG23	2	0.55	0.26	0.55
(3,2155)	1:42:A:GLU:H	1:139:A:LEU:HD11	2	0.54	0.15	0.54
(3,2155)	1:42:A:GLU:H	1:139:A:LEU:HD12	2	0.54	0.15	0.54
(3,2155)	1:42:A:GLU:H	1:139:A:LEU:HD13	2	0.54	0.15	0.54
(3,2155)	1:42:A:GLU:H	1:139:A:LEU:HD21	2	0.54	0.15	0.54
(3,2155)	1:42:A:GLU:H	1:139:A:LEU:HD22	2	0.54	0.15	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,2155)	1:42:A:GLU:H	1:139:A:LEU:HD23	2	0.54	0.15	0.54
(5,2354)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	2	0.54	0.18	0.54
(5,2354)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	2	0.54	0.18	0.54
(5,2354)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	2	0.54	0.18	0.54
(5,2354)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	2	0.54	0.18	0.54
(5,2354)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	2	0.54	0.18	0.54
(5,2354)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	2	0.54	0.18	0.54
(5,2354)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	2	0.54	0.18	0.54
(5,2354)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	2	0.54	0.18	0.54
(5,2354)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	2	0.54	0.18	0.54
(5,2354)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	2	0.54	0.18	0.54
(5,2354)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	2	0.54	0.18	0.54
(5,2354)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	2	0.54	0.18	0.54
(5,2354)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	2	0.54	0.18	0.54
(5,2354)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	2	0.54	0.18	0.54
(5,2354)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	2	0.54	0.18	0.54
(5,2354)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	2	0.54	0.18	0.54
(5,2354)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	2	0.54	0.18	0.54
(5,2354)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	2	0.54	0.18	0.54
(7,2348)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	2	0.54	0.18	0.54
(7,2348)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	2	0.54	0.18	0.54
(7,2348)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	2	0.54	0.18	0.54
(7,2348)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	2	0.54	0.18	0.54
(7,2348)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	2	0.54	0.18	0.54
(7,2348)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	2	0.54	0.18	0.54
(7,2348)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	2	0.54	0.18	0.54
(7,2348)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	2	0.54	0.18	0.54
(7,2348)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	2	0.54	0.18	0.54
(7,2348)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	2	0.54	0.18	0.54
(7,2348)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	2	0.54	0.18	0.54
(7,2348)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	2	0.54	0.18	0.54
(7,2348)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	2	0.54	0.18	0.54
(7,2348)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	2	0.54	0.18	0.54
(7,2348)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	2	0.54	0.18	0.54
(7,2348)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	2	0.54	0.18	0.54
(7,2348)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	2	0.54	0.18	0.54
(7,2348)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	2	0.54	0.18	0.54
(9,2301)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	2	0.54	0.18	0.54
(9,2301)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	2	0.54	0.18	0.54
(9,2301)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	2	0.54	0.18	0.54
(9,2301)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	2	0.54	0.18	0.54
(9,2301)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	2	0.54	0.18	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,2301)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	2	0.54	0.18	0.54
(9,2301)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	2	0.54	0.18	0.54
(9,2301)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	2	0.54	0.18	0.54
(9,2301)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	2	0.54	0.18	0.54
(9,2301)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	2	0.54	0.18	0.54
(9,2301)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	2	0.54	0.18	0.54
(9,2301)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	2	0.54	0.18	0.54
(9,2301)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	2	0.54	0.18	0.54
(9,2301)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	2	0.54	0.18	0.54
(9,2301)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	2	0.54	0.18	0.54
(9,2301)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	2	0.54	0.18	0.54
(9,2301)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	2	0.54	0.18	0.54
(9,2301)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	2	0.54	0.18	0.54
(13,2344)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	2	0.54	0.18	0.54
(13,2344)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	2	0.54	0.18	0.54
(13,2344)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	2	0.54	0.18	0.54
(13,2344)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	2	0.54	0.18	0.54
(13,2344)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	2	0.54	0.18	0.54
(13,2344)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	2	0.54	0.18	0.54
(13,2344)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	2	0.54	0.18	0.54
(13,2344)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	2	0.54	0.18	0.54
(13,2344)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	2	0.54	0.18	0.54
(13,2344)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	2	0.54	0.18	0.54
(13,2344)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	2	0.54	0.18	0.54
(13,2344)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	2	0.54	0.18	0.54
(13,2344)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	2	0.54	0.18	0.54
(13,2344)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	2	0.54	0.18	0.54
(13,2344)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	2	0.54	0.18	0.54
(13,2344)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	2	0.54	0.18	0.54
(13,2344)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	2	0.54	0.18	0.54
(13,2344)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	2	0.54	0.18	0.54
(17,2369)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	2	0.54	0.18	0.54
(17,2369)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	2	0.54	0.18	0.54
(17,2369)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	2	0.54	0.18	0.54
(17,2369)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	2	0.54	0.18	0.54
(17,2369)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	2	0.54	0.18	0.54
(17,2369)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	2	0.54	0.18	0.54
(17,2369)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	2	0.54	0.18	0.54
(17,2369)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	2	0.54	0.18	0.54
(17,2369)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	2	0.54	0.18	0.54
(17,2369)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	2	0.54	0.18	0.54
(17,2369)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	2	0.54	0.18	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,2369)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	2	0.54	0.18	0.54
(17,2369)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	2	0.54	0.18	0.54
(17,2369)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	2	0.54	0.18	0.54
(17,2369)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	2	0.54	0.18	0.54
(17,2369)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	2	0.54	0.18	0.54
(17,2369)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	2	0.54	0.18	0.54
(17,2369)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	2	0.54	0.18	0.54
(29,2339)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	2	0.54	0.18	0.54
(29,2339)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	2	0.54	0.18	0.54
(29,2339)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	2	0.54	0.18	0.54
(29,2339)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	2	0.54	0.18	0.54
(29,2339)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	2	0.54	0.18	0.54
(29,2339)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	2	0.54	0.18	0.54
(29,2339)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	2	0.54	0.18	0.54
(29,2339)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	2	0.54	0.18	0.54
(29,2339)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	2	0.54	0.18	0.54
(29,2339)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	2	0.54	0.18	0.54
(29,2339)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	2	0.54	0.18	0.54
(29,2339)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	2	0.54	0.18	0.54
(29,2339)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	2	0.54	0.18	0.54
(29,2339)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	2	0.54	0.18	0.54
(29,2339)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	2	0.54	0.18	0.54
(29,2339)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	2	0.54	0.18	0.54
(29,2339)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	2	0.54	0.18	0.54
(29,2339)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	2	0.54	0.18	0.54
(2,2146)	1:40:A:LEU:HD11	1:44:A:GLU:HG2	2	0.54	0.27	0.54
(2,2146)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	2	0.54	0.27	0.54
(2,2146)	1:40:A:LEU:HD12	1:44:A:GLU:HG2	2	0.54	0.27	0.54
(2,2146)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	2	0.54	0.27	0.54
(2,2146)	1:40:A:LEU:HD13	1:44:A:GLU:HG2	2	0.54	0.27	0.54
(2,2146)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	2	0.54	0.27	0.54
(2,2146)	1:40:A:LEU:HD21	1:44:A:GLU:HG2	2	0.54	0.27	0.54
(2,2146)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	2	0.54	0.27	0.54
(2,2146)	1:40:A:LEU:HD22	1:44:A:GLU:HG2	2	0.54	0.27	0.54
(2,2146)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	2	0.54	0.27	0.54
(2,2146)	1:40:A:LEU:HD23	1:44:A:GLU:HG2	2	0.54	0.27	0.54
(2,2146)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	2	0.54	0.27	0.54
(6,1941)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	2	0.54	0.3	0.54
(6,1941)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	2	0.54	0.3	0.54
(6,1941)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	2	0.54	0.3	0.54
(6,1941)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	2	0.54	0.3	0.54
(6,1941)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	2	0.54	0.3	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,1941)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	2	0.54	0.3	0.54
(6,1941)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	2	0.54	0.3	0.54
(6,1941)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	2	0.54	0.3	0.54
(6,1941)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	2	0.54	0.3	0.54
(6,1941)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	2	0.54	0.3	0.54
(6,1941)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	2	0.54	0.3	0.54
(6,1941)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	2	0.54	0.3	0.54
(16,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	2	0.54	0.37	0.54
(16,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	2	0.54	0.37	0.54
(16,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	2	0.54	0.37	0.54
(16,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	2	0.54	0.37	0.54
(16,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	2	0.54	0.37	0.54
(16,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	2	0.54	0.37	0.54
(16,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	2	0.54	0.37	0.54
(16,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	2	0.54	0.37	0.54
(16,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	2	0.54	0.37	0.54
(16,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	2	0.54	0.37	0.54
(16,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	2	0.54	0.37	0.54
(16,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	2	0.54	0.37	0.54
(18,719)	1:27:A:ARG:HB3	1:27:A:ARG:HE	2	0.54	0.17	0.54
(18,719)	1:27:A:ARG:HB2	1:27:A:ARG:HE	2	0.54	0.17	0.54
(3,877)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	2	0.54	0.32	0.54
(3,877)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	2	0.54	0.32	0.54
(6,1050)	1:14:A:VAL:HG21	1:61:A:SER:HA	2	0.53	0.16	0.53
(6,1050)	1:14:A:VAL:HG22	1:61:A:SER:HA	2	0.53	0.16	0.53
(6,1050)	1:14:A:VAL:HG23	1:61:A:SER:HA	2	0.53	0.16	0.53
(29,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	2	0.53	0.05	0.53
(29,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	2	0.53	0.05	0.53
(29,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	2	0.53	0.05	0.53
(29,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	2	0.53	0.05	0.53
(29,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	2	0.53	0.05	0.53
(29,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	2	0.53	0.05	0.53
(30,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	2	0.53	0.05	0.53
(30,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	2	0.53	0.05	0.53
(30,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	2	0.53	0.05	0.53
(30,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	2	0.53	0.05	0.53
(30,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	2	0.53	0.05	0.53
(30,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	2	0.53	0.05	0.53
(1,1411)	1:132:A:ALA:HB1	1:133:A:ASN:HB2	2	0.53	0.04	0.53
(1,1411)	1:132:A:ALA:HB2	1:133:A:ASN:HB2	2	0.53	0.04	0.53
(1,1411)	1:132:A:ALA:HB3	1:133:A:ASN:HB2	2	0.53	0.04	0.53
(4,1388)	1:132:A:ALA:HB1	1:133:A:ASN:HB2	2	0.53	0.04	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1388)	1:132:A:ALA:HB2	1:133:A:ASN:HB2	2	0.53	0.04	0.53
(4,1388)	1:132:A:ALA:HB3	1:133:A:ASN:HB2	2	0.53	0.04	0.53
(5,2013)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	2	0.53	0.15	0.53
(5,2013)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	2	0.53	0.15	0.53
(5,2013)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	2	0.53	0.15	0.53
(5,2013)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	2	0.53	0.15	0.53
(5,2013)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	2	0.53	0.15	0.53
(5,2013)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	2	0.53	0.15	0.53
(5,2013)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	2	0.53	0.15	0.53
(5,2013)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	2	0.53	0.15	0.53
(5,2013)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	2	0.53	0.15	0.53
(5,2013)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	2	0.53	0.15	0.53
(5,2013)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	2	0.53	0.15	0.53
(5,2013)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	2	0.53	0.15	0.53
(29,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD21	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD22	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD23	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD21	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD22	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD23	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD21	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD22	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD23	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD21	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD22	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD23	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD21	2	0.53	0.04	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD22	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD23	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD21	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD22	2	0.53	0.04	0.53
(29,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD23	2	0.53	0.04	0.53
(1,514)	1:70:A:LYS:HE2	1:71:A:LYS:H	2	0.52	0.15	0.52
(1,514)	1:70:A:LYS:HE3	1:71:A:LYS:H	2	0.52	0.15	0.52
(1,563)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(1,563)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(1,563)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(3,563)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(3,563)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(3,563)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(4,501)	1:70:A:LYS:HE2	1:71:A:LYS:H	2	0.52	0.15	0.52
(4,501)	1:70:A:LYS:HE3	1:71:A:LYS:H	2	0.52	0.15	0.52
(4,552)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(4,552)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(4,552)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(6,555)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(6,555)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(6,555)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(7,512)	1:70:A:LYS:HE2	1:71:A:LYS:H	2	0.52	0.15	0.52
(7,512)	1:70:A:LYS:HE3	1:71:A:LYS:H	2	0.52	0.15	0.52
(7,559)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(7,559)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(7,559)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(7,788)	1:8:A:ASP:H	1:58:A:ILE:HD11	2	0.52	0.32	0.52
(7,788)	1:8:A:ASP:H	1:58:A:ILE:HD12	2	0.52	0.32	0.52
(7,788)	1:8:A:ASP:H	1:58:A:ILE:HD13	2	0.52	0.32	0.52
(9,516)	1:70:A:LYS:HE2	1:71:A:LYS:H	2	0.52	0.15	0.52
(9,516)	1:70:A:LYS:HE3	1:71:A:LYS:H	2	0.52	0.15	0.52
(11,511)	1:70:A:LYS:HE2	1:71:A:LYS:H	2	0.52	0.15	0.52
(11,511)	1:70:A:LYS:HE3	1:71:A:LYS:H	2	0.52	0.15	0.52
(11,564)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(11,564)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(11,564)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(13,505)	1:70:A:LYS:HE2	1:71:A:LYS:H	2	0.52	0.15	0.52
(13,505)	1:70:A:LYS:HE3	1:71:A:LYS:H	2	0.52	0.15	0.52
(15,568)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	2	0.52	0.24	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,568)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(15,568)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(18,576)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(18,576)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(18,576)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(29,514)	1:70:A:LYS:HE2	1:71:A:LYS:H	2	0.52	0.15	0.52
(29,514)	1:70:A:LYS:HE3	1:71:A:LYS:H	2	0.52	0.15	0.52
(29,563)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(29,563)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(29,563)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(30,560)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(30,560)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(30,560)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(30,797)	1:8:A:ASP:H	1:58:A:ILE:HD11	2	0.52	0.32	0.52
(30,797)	1:8:A:ASP:H	1:58:A:ILE:HD12	2	0.52	0.32	0.52
(30,797)	1:8:A:ASP:H	1:58:A:ILE:HD13	2	0.52	0.32	0.52
(32,548)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(32,548)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(32,548)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	2	0.52	0.24	0.52
(2,825)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	2	0.52	0.25	0.52
(2,825)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	2	0.52	0.25	0.52
(2,825)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	2	0.52	0.25	0.52
(2,825)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	2	0.52	0.25	0.52
(2,825)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	2	0.52	0.25	0.52
(2,825)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	2	0.52	0.25	0.52
(2,2096)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	2	0.52	0.39	0.52
(2,2096)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	2	0.52	0.39	0.52
(2,2096)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	2	0.52	0.39	0.52
(2,2096)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	2	0.52	0.39	0.52
(2,2096)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	2	0.52	0.39	0.52
(2,2096)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	2	0.52	0.39	0.52
(3,844)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	2	0.52	0.25	0.52
(3,844)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	2	0.52	0.25	0.52
(3,844)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	2	0.52	0.25	0.52
(3,844)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	2	0.52	0.25	0.52
(3,844)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	2	0.52	0.25	0.52
(3,844)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	2	0.52	0.25	0.52
(3,1319)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	2	0.52	0.06	0.52
(3,1319)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	2	0.52	0.06	0.52
(3,1319)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	2	0.52	0.06	0.52
(3,1319)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	2	0.52	0.06	0.52
(3,1319)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	2	0.52	0.06	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,1319)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	2	0.52	0.06	0.52
(4,825)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	2	0.52	0.25	0.52
(4,825)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	2	0.52	0.25	0.52
(4,825)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	2	0.52	0.25	0.52
(4,825)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	2	0.52	0.25	0.52
(4,825)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	2	0.52	0.25	0.52
(4,825)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	2	0.52	0.25	0.52
(6,822)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	2	0.52	0.25	0.52
(6,822)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	2	0.52	0.25	0.52
(6,822)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	2	0.52	0.25	0.52
(6,822)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	2	0.52	0.25	0.52
(6,822)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	2	0.52	0.25	0.52
(6,822)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	2	0.52	0.25	0.52
(9,827)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	2	0.52	0.25	0.52
(9,827)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	2	0.52	0.25	0.52
(9,827)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	2	0.52	0.25	0.52
(9,827)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	2	0.52	0.25	0.52
(9,827)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	2	0.52	0.25	0.52
(9,827)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	2	0.52	0.25	0.52
(9,2060)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	2	0.52	0.39	0.52
(9,2060)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	2	0.52	0.39	0.52
(9,2060)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	2	0.52	0.39	0.52
(9,2060)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	2	0.52	0.39	0.52
(9,2060)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	2	0.52	0.39	0.52
(9,2060)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	2	0.52	0.39	0.52
(11,827)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	2	0.52	0.25	0.52
(11,827)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	2	0.52	0.25	0.52
(11,827)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	2	0.52	0.25	0.52
(11,827)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	2	0.52	0.25	0.52
(11,827)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	2	0.52	0.25	0.52
(11,827)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	2	0.52	0.25	0.52
(13,816)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	2	0.52	0.25	0.52
(13,816)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	2	0.52	0.25	0.52
(13,816)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	2	0.52	0.25	0.52
(13,816)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	2	0.52	0.25	0.52
(13,816)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	2	0.52	0.25	0.52
(13,816)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	2	0.52	0.25	0.52
(16,838)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	2	0.52	0.25	0.52
(16,838)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	2	0.52	0.25	0.52
(16,838)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	2	0.52	0.25	0.52
(16,838)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	2	0.52	0.25	0.52
(16,838)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	2	0.52	0.25	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,838)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	2	0.52	0.25	0.52
(17,838)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	2	0.52	0.25	0.52
(17,838)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	2	0.52	0.25	0.52
(17,838)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	2	0.52	0.25	0.52
(17,838)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	2	0.52	0.25	0.52
(17,838)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	2	0.52	0.25	0.52
(17,838)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	2	0.52	0.25	0.52
(29,843)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	2	0.52	0.25	0.52
(29,843)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	2	0.52	0.25	0.52
(29,843)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	2	0.52	0.25	0.52
(29,843)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	2	0.52	0.25	0.52
(29,843)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	2	0.52	0.25	0.52
(29,843)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	2	0.52	0.25	0.52
(30,827)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	2	0.52	0.25	0.52
(30,827)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	2	0.52	0.25	0.52
(30,827)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	2	0.52	0.25	0.52
(30,827)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	2	0.52	0.25	0.52
(30,827)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	2	0.52	0.25	0.52
(30,827)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	2	0.52	0.25	0.52
(32,812)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	2	0.52	0.25	0.52
(32,812)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	2	0.52	0.25	0.52
(32,812)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	2	0.52	0.25	0.52
(32,812)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	2	0.52	0.25	0.52
(32,812)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	2	0.52	0.25	0.52
(32,812)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	2	0.52	0.25	0.52
(33,835)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	2	0.52	0.25	0.52
(33,835)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	2	0.52	0.25	0.52
(33,835)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	2	0.52	0.25	0.52
(33,835)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	2	0.52	0.25	0.52
(33,835)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	2	0.52	0.25	0.52
(33,835)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	2	0.52	0.25	0.52
(34,835)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	2	0.52	0.25	0.52
(34,835)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	2	0.52	0.25	0.52
(34,835)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	2	0.52	0.25	0.52
(34,835)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	2	0.52	0.25	0.52
(34,835)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	2	0.52	0.25	0.52
(34,835)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	2	0.52	0.25	0.52
(34,2086)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	2	0.52	0.39	0.52
(34,2086)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	2	0.52	0.39	0.52
(34,2086)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	2	0.52	0.39	0.52
(34,2086)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	2	0.52	0.39	0.52
(34,2086)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	2	0.52	0.39	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,2086)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	2	0.52	0.39	0.52
(1,2103)	1:39:A:VAL:HG11	1:43:A:MET:HB2	2	0.51	0.16	0.51
(1,2103)	1:39:A:VAL:HG12	1:43:A:MET:HB2	2	0.51	0.16	0.51
(1,2103)	1:39:A:VAL:HG13	1:43:A:MET:HB2	2	0.51	0.16	0.51
(1,2103)	1:39:A:VAL:HG21	1:43:A:MET:HB2	2	0.51	0.16	0.51
(1,2103)	1:39:A:VAL:HG22	1:43:A:MET:HB2	2	0.51	0.16	0.51
(1,2103)	1:39:A:VAL:HG23	1:43:A:MET:HB2	2	0.51	0.16	0.51
(13,2172)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	2	0.51	0.17	0.51
(13,2172)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	2	0.51	0.17	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,2172)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	2	0.51	0.17	0.51
(16,991)	1:46:A:ASN:HB2	1:134:A:VAL:HB	2	0.51	0.36	0.51
(16,2123)	1:39:A:VAL:HG11	1:43:A:MET:HB2	2	0.51	0.16	0.51
(16,2123)	1:39:A:VAL:HG12	1:43:A:MET:HB2	2	0.51	0.16	0.51
(16,2123)	1:39:A:VAL:HG13	1:43:A:MET:HB2	2	0.51	0.16	0.51
(16,2123)	1:39:A:VAL:HG21	1:43:A:MET:HB2	2	0.51	0.16	0.51
(16,2123)	1:39:A:VAL:HG22	1:43:A:MET:HB2	2	0.51	0.16	0.51
(16,2123)	1:39:A:VAL:HG23	1:43:A:MET:HB2	2	0.51	0.16	0.51
(16,2205)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	2	0.51	0.17	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,2205)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	2	0.51	0.17	0.51
(16,2205)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	2	0.51	0.17	0.51
(29,1954)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	2	0.51	0.3	0.51
(29,1954)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	2	0.51	0.3	0.51
(29,1954)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	2	0.51	0.3	0.51
(29,1954)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	2	0.51	0.3	0.51
(29,1954)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	2	0.51	0.3	0.51
(29,1954)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	2	0.51	0.3	0.51
(29,1954)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	2	0.51	0.3	0.51
(29,1954)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	2	0.51	0.3	0.51
(29,1954)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	2	0.51	0.3	0.51
(29,1954)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	2	0.51	0.3	0.51
(29,1954)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	2	0.51	0.3	0.51
(29,1954)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	2	0.51	0.3	0.51
(1,1990)	1:16:A:SER:H	1:131:A:LEU:HD11	2	0.5	0.05	0.5
(1,1990)	1:16:A:SER:H	1:131:A:LEU:HD12	2	0.5	0.05	0.5
(1,1990)	1:16:A:SER:H	1:131:A:LEU:HD13	2	0.5	0.05	0.5
(1,1990)	1:16:A:SER:H	1:131:A:LEU:HD21	2	0.5	0.05	0.5
(1,1990)	1:16:A:SER:H	1:131:A:LEU:HD22	2	0.5	0.05	0.5
(1,1990)	1:16:A:SER:H	1:131:A:LEU:HD23	2	0.5	0.05	0.5
(1,2406)	1:136:A:CYS:HB2	1:141:A:LYS:H	2	0.5	0.24	0.5
(1,2406)	1:136:A:CYS:HB3	1:141:A:LYS:H	2	0.5	0.24	0.5
(2,2434)	1:136:A:CYS:HB2	1:141:A:LYS:H	2	0.5	0.24	0.5
(2,2434)	1:136:A:CYS:HB3	1:141:A:LYS:H	2	0.5	0.24	0.5
(3,2467)	1:136:A:CYS:HB2	1:141:A:LYS:H	2	0.5	0.24	0.5
(3,2467)	1:136:A:CYS:HB3	1:141:A:LYS:H	2	0.5	0.24	0.5
(5,1997)	1:16:A:SER:H	1:131:A:LEU:HD11	2	0.5	0.05	0.5
(5,1997)	1:16:A:SER:H	1:131:A:LEU:HD12	2	0.5	0.05	0.5
(5,1997)	1:16:A:SER:H	1:131:A:LEU:HD13	2	0.5	0.05	0.5
(5,1997)	1:16:A:SER:H	1:131:A:LEU:HD21	2	0.5	0.05	0.5
(5,1997)	1:16:A:SER:H	1:131:A:LEU:HD22	2	0.5	0.05	0.5
(5,1997)	1:16:A:SER:H	1:131:A:LEU:HD23	2	0.5	0.05	0.5
(6,2018)	1:16:A:SER:H	1:131:A:LEU:HD11	2	0.5	0.05	0.5
(6,2018)	1:16:A:SER:H	1:131:A:LEU:HD12	2	0.5	0.05	0.5
(6,2018)	1:16:A:SER:H	1:131:A:LEU:HD13	2	0.5	0.05	0.5
(6,2018)	1:16:A:SER:H	1:131:A:LEU:HD21	2	0.5	0.05	0.5
(6,2018)	1:16:A:SER:H	1:131:A:LEU:HD22	2	0.5	0.05	0.5
(6,2018)	1:16:A:SER:H	1:131:A:LEU:HD23	2	0.5	0.05	0.5
(6,2434)	1:136:A:CYS:HB2	1:141:A:LYS:H	2	0.5	0.24	0.5
(6,2434)	1:136:A:CYS:HB3	1:141:A:LYS:H	2	0.5	0.24	0.5
(7,1959)	1:16:A:SER:H	1:131:A:LEU:HD11	2	0.5	0.05	0.5
(7,1959)	1:16:A:SER:H	1:131:A:LEU:HD12	2	0.5	0.05	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1959)	1:16:A:SER:H	1:131:A:LEU:HD13	2	0.5	0.05	0.5
(7,1959)	1:16:A:SER:H	1:131:A:LEU:HD21	2	0.5	0.05	0.5
(7,1959)	1:16:A:SER:H	1:131:A:LEU:HD22	2	0.5	0.05	0.5
(7,1959)	1:16:A:SER:H	1:131:A:LEU:HD23	2	0.5	0.05	0.5
(7,2425)	1:136:A:CYS:HB2	1:141:A:LYS:H	2	0.5	0.24	0.5
(7,2425)	1:136:A:CYS:HB3	1:141:A:LYS:H	2	0.5	0.24	0.5
(11,2030)	1:16:A:SER:H	1:131:A:LEU:HD11	2	0.5	0.05	0.5
(11,2030)	1:16:A:SER:H	1:131:A:LEU:HD12	2	0.5	0.05	0.5
(11,2030)	1:16:A:SER:H	1:131:A:LEU:HD13	2	0.5	0.05	0.5
(11,2030)	1:16:A:SER:H	1:131:A:LEU:HD21	2	0.5	0.05	0.5
(11,2030)	1:16:A:SER:H	1:131:A:LEU:HD22	2	0.5	0.05	0.5
(11,2030)	1:16:A:SER:H	1:131:A:LEU:HD23	2	0.5	0.05	0.5
(13,2421)	1:136:A:CYS:HB2	1:141:A:LYS:H	2	0.5	0.24	0.5
(13,2421)	1:136:A:CYS:HB3	1:141:A:LYS:H	2	0.5	0.24	0.5
(15,1981)	1:16:A:SER:H	1:131:A:LEU:HD11	2	0.5	0.05	0.5
(15,1981)	1:16:A:SER:H	1:131:A:LEU:HD12	2	0.5	0.05	0.5
(15,1981)	1:16:A:SER:H	1:131:A:LEU:HD13	2	0.5	0.05	0.5
(15,1981)	1:16:A:SER:H	1:131:A:LEU:HD21	2	0.5	0.05	0.5
(15,1981)	1:16:A:SER:H	1:131:A:LEU:HD22	2	0.5	0.05	0.5
(15,1981)	1:16:A:SER:H	1:131:A:LEU:HD23	2	0.5	0.05	0.5
(15,2433)	1:136:A:CYS:HB2	1:141:A:LYS:H	2	0.5	0.24	0.5
(15,2433)	1:136:A:CYS:HB3	1:141:A:LYS:H	2	0.5	0.24	0.5
(18,2006)	1:16:A:SER:H	1:131:A:LEU:HD11	2	0.5	0.05	0.5
(18,2006)	1:16:A:SER:H	1:131:A:LEU:HD12	2	0.5	0.05	0.5
(18,2006)	1:16:A:SER:H	1:131:A:LEU:HD13	2	0.5	0.05	0.5
(18,2006)	1:16:A:SER:H	1:131:A:LEU:HD21	2	0.5	0.05	0.5
(18,2006)	1:16:A:SER:H	1:131:A:LEU:HD22	2	0.5	0.05	0.5
(18,2006)	1:16:A:SER:H	1:131:A:LEU:HD23	2	0.5	0.05	0.5
(29,2029)	1:16:A:SER:H	1:131:A:LEU:HD11	2	0.5	0.05	0.5
(29,2029)	1:16:A:SER:H	1:131:A:LEU:HD12	2	0.5	0.05	0.5
(29,2029)	1:16:A:SER:H	1:131:A:LEU:HD13	2	0.5	0.05	0.5
(29,2029)	1:16:A:SER:H	1:131:A:LEU:HD21	2	0.5	0.05	0.5
(29,2029)	1:16:A:SER:H	1:131:A:LEU:HD22	2	0.5	0.05	0.5
(29,2029)	1:16:A:SER:H	1:131:A:LEU:HD23	2	0.5	0.05	0.5
(32,1973)	1:16:A:SER:H	1:131:A:LEU:HD11	2	0.5	0.05	0.5
(32,1973)	1:16:A:SER:H	1:131:A:LEU:HD12	2	0.5	0.05	0.5
(32,1973)	1:16:A:SER:H	1:131:A:LEU:HD13	2	0.5	0.05	0.5
(32,1973)	1:16:A:SER:H	1:131:A:LEU:HD21	2	0.5	0.05	0.5
(32,1973)	1:16:A:SER:H	1:131:A:LEU:HD22	2	0.5	0.05	0.5
(32,1973)	1:16:A:SER:H	1:131:A:LEU:HD23	2	0.5	0.05	0.5
(32,2437)	1:136:A:CYS:HB2	1:141:A:LYS:H	2	0.5	0.24	0.5
(32,2437)	1:136:A:CYS:HB3	1:141:A:LYS:H	2	0.5	0.24	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,906)	1:20:A:THR:H	1:21:A:THR:HB	2	0.5	0.24	0.5
(33,2007)	1:16:A:SER:H	1:131:A:LEU:HD11	2	0.5	0.05	0.5
(33,2007)	1:16:A:SER:H	1:131:A:LEU:HD12	2	0.5	0.05	0.5
(33,2007)	1:16:A:SER:H	1:131:A:LEU:HD13	2	0.5	0.05	0.5
(33,2007)	1:16:A:SER:H	1:131:A:LEU:HD21	2	0.5	0.05	0.5
(33,2007)	1:16:A:SER:H	1:131:A:LEU:HD22	2	0.5	0.05	0.5
(33,2007)	1:16:A:SER:H	1:131:A:LEU:HD23	2	0.5	0.05	0.5
(2,1567)	1:60:A:LEU:HA	1:117:A:VAL:HG21	2	0.5	0.02	0.5
(2,1567)	1:60:A:LEU:HA	1:117:A:VAL:HG22	2	0.5	0.02	0.5
(2,1567)	1:60:A:LEU:HA	1:117:A:VAL:HG23	2	0.5	0.02	0.5
(30,1937)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	2	0.5	0.3	0.5
(30,1937)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	2	0.5	0.3	0.5
(30,1937)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	2	0.5	0.3	0.5
(30,1937)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	2	0.5	0.3	0.5
(30,1937)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	2	0.5	0.3	0.5
(30,1937)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	2	0.5	0.3	0.5
(30,1937)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	2	0.5	0.3	0.5
(30,1937)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	2	0.5	0.3	0.5
(30,1937)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	2	0.5	0.3	0.5
(30,1937)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	2	0.5	0.3	0.5
(30,1937)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	2	0.5	0.3	0.5
(30,1937)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	2	0.5	0.3	0.5
(34,2170)	1:47:A:ALA:HB1	1:131:A:LEU:HB2	2	0.5	0.09	0.5
(34,2170)	1:47:A:ALA:HB1	1:131:A:LEU:HB3	2	0.5	0.09	0.5
(34,2170)	1:47:A:ALA:HB2	1:131:A:LEU:HB2	2	0.5	0.09	0.5
(34,2170)	1:47:A:ALA:HB2	1:131:A:LEU:HB3	2	0.5	0.09	0.5
(34,2170)	1:47:A:ALA:HB3	1:131:A:LEU:HB2	2	0.5	0.09	0.5
(34,2170)	1:47:A:ALA:HB3	1:131:A:LEU:HB3	2	0.5	0.09	0.5
(3,1973)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	2	0.5	0.01	0.5
(3,1973)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	2	0.5	0.01	0.5
(3,1973)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	2	0.5	0.01	0.5
(3,1973)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	2	0.5	0.01	0.5
(4,1928)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	2	0.5	0.01	0.5
(4,1928)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	2	0.5	0.01	0.5
(4,1928)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	2	0.5	0.01	0.5
(4,1928)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	2	0.5	0.01	0.5
(9,1940)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	2	0.5	0.01	0.5
(9,1940)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	2	0.5	0.01	0.5
(9,1940)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	2	0.5	0.01	0.5
(9,1940)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	2	0.5	0.01	0.5
(11,1966)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	2	0.5	0.01	0.5
(11,1966)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	2	0.5	0.01	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,1966)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	2	0.5	0.01	0.5
(11,1966)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	2	0.5	0.01	0.5
(15,1930)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	2	0.5	0.01	0.5
(15,1930)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	2	0.5	0.01	0.5
(15,1930)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	2	0.5	0.01	0.5
(15,1930)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	2	0.5	0.01	0.5
(18,1945)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	2	0.5	0.01	0.5
(18,1945)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	2	0.5	0.01	0.5
(18,1945)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	2	0.5	0.01	0.5
(18,1945)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	2	0.5	0.01	0.5
(30,1952)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	2	0.5	0.01	0.5
(30,1952)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	2	0.5	0.01	0.5
(30,1952)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	2	0.5	0.01	0.5
(30,1952)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	2	0.5	0.01	0.5
(32,1912)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	2	0.5	0.01	0.5
(32,1912)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	2	0.5	0.01	0.5
(32,1912)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	2	0.5	0.01	0.5
(32,1912)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	2	0.5	0.01	0.5
(32,2162)	1:47:A:ALA:H	1:134:A:VAL:HG11	2	0.5	0.32	0.5
(32,2162)	1:47:A:ALA:H	1:134:A:VAL:HG12	2	0.5	0.32	0.5
(32,2162)	1:47:A:ALA:H	1:134:A:VAL:HG13	2	0.5	0.32	0.5
(32,2162)	1:47:A:ALA:H	1:134:A:VAL:HG21	2	0.5	0.32	0.5
(32,2162)	1:47:A:ALA:H	1:134:A:VAL:HG22	2	0.5	0.32	0.5
(32,2162)	1:47:A:ALA:H	1:134:A:VAL:HG23	2	0.5	0.32	0.5
(33,1943)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	2	0.5	0.01	0.5
(33,1943)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	2	0.5	0.01	0.5
(33,1943)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	2	0.5	0.01	0.5
(33,1943)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	2	0.5	0.01	0.5
(1,1906)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	2	0.49	0.18	0.49
(1,2404)	1:136:A:CYS:HA	1:140:A:LEU:HD11	2	0.49	0.2	0.49
(1,2404)	1:136:A:CYS:HA	1:140:A:LEU:HD12	2	0.49	0.2	0.49
(1,2404)	1:136:A:CYS:HA	1:140:A:LEU:HD13	2	0.49	0.2	0.49
(1,2404)	1:136:A:CYS:HA	1:140:A:LEU:HD21	2	0.49	0.2	0.49
(1,2404)	1:136:A:CYS:HA	1:140:A:LEU:HD22	2	0.49	0.2	0.49
(1,2404)	1:136:A:CYS:HA	1:140:A:LEU:HD23	2	0.49	0.2	0.49
(2,1854)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	2	0.49	0.18	0.49
(3,1917)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	2	0.49	0.18	0.49
(5,1914)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	2	0.49	0.18	0.49
(6,1899)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	2	0.49	0.18	0.49
(6,2026)	1:17:A:ASN:HB2	1:113:A:PHE:HE1	2	0.49	0.28	0.49
(6,2026)	1:17:A:ASN:HB2	1:113:A:PHE:HE2	2	0.49	0.28	0.49
(6,2026)	1:17:A:ASN:HB3	1:113:A:PHE:HE1	2	0.49	0.28	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,2026)	1:17:A:ASN:HB3	1:113:A:PHE:HE2	2	0.49	0.28	0.49
(7,1797)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	2	0.49	0.18	0.49
(9,1888)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	2	0.49	0.18	0.49
(11,1908)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	2	0.49	0.18	0.49
(17,1906)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	2	0.49	0.18	0.49
(18,1877)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	2	0.49	0.18	0.49
(29,1907)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	2	0.49	0.18	0.49
(33,1827)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	2	0.49	0.18	0.49
(5,2277)	1:79:A:THR:HG21	1:81:A:GLU:HB2	2	0.49	0.32	0.49
(5,2277)	1:79:A:THR:HG21	1:81:A:GLU:HB3	2	0.49	0.32	0.49
(5,2277)	1:79:A:THR:HG22	1:81:A:GLU:HB2	2	0.49	0.32	0.49
(5,2277)	1:79:A:THR:HG22	1:81:A:GLU:HB3	2	0.49	0.32	0.49
(5,2277)	1:79:A:THR:HG23	1:81:A:GLU:HB2	2	0.49	0.32	0.49
(5,2277)	1:79:A:THR:HG23	1:81:A:GLU:HB3	2	0.49	0.32	0.49
(9,2226)	1:79:A:THR:HG21	1:81:A:GLU:HB2	2	0.49	0.32	0.49
(9,2226)	1:79:A:THR:HG21	1:81:A:GLU:HB3	2	0.49	0.32	0.49
(9,2226)	1:79:A:THR:HG22	1:81:A:GLU:HB2	2	0.49	0.32	0.49
(9,2226)	1:79:A:THR:HG22	1:81:A:GLU:HB3	2	0.49	0.32	0.49
(9,2226)	1:79:A:THR:HG23	1:81:A:GLU:HB2	2	0.49	0.32	0.49
(9,2226)	1:79:A:THR:HG23	1:81:A:GLU:HB3	2	0.49	0.32	0.49
(13,1750)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	2	0.49	0.32	0.49
(13,1750)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	2	0.49	0.32	0.49
(16,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB2	2	0.49	0.32	0.49
(16,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB3	2	0.49	0.32	0.49
(16,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB2	2	0.49	0.32	0.49
(16,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB3	2	0.49	0.32	0.49
(16,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB2	2	0.49	0.32	0.49
(16,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB3	2	0.49	0.32	0.49
(29,2270)	1:79:A:THR:HG21	1:81:A:GLU:HB2	2	0.49	0.32	0.49
(29,2270)	1:79:A:THR:HG21	1:81:A:GLU:HB3	2	0.49	0.32	0.49
(29,2270)	1:79:A:THR:HG22	1:81:A:GLU:HB2	2	0.49	0.32	0.49
(29,2270)	1:79:A:THR:HG22	1:81:A:GLU:HB3	2	0.49	0.32	0.49
(29,2270)	1:79:A:THR:HG23	1:81:A:GLU:HB2	2	0.49	0.32	0.49
(29,2270)	1:79:A:THR:HG23	1:81:A:GLU:HB3	2	0.49	0.32	0.49
(30,823)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	2	0.48	0.33	0.48
(30,823)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	2	0.48	0.33	0.48
(30,823)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	2	0.48	0.33	0.48
(30,823)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	2	0.48	0.33	0.48
(30,823)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	2	0.48	0.33	0.48
(30,823)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	2	0.48	0.33	0.48
(5,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	2	0.48	0.3	0.48
(5,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	2	0.48	0.3	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	2	0.48	0.3	0.48
(5,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	2	0.48	0.3	0.48
(5,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	2	0.48	0.3	0.48
(5,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	2	0.48	0.3	0.48
(5,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	2	0.48	0.3	0.48
(5,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	2	0.48	0.3	0.48
(5,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	2	0.48	0.3	0.48
(5,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	2	0.48	0.3	0.48
(5,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	2	0.48	0.3	0.48
(5,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	2	0.48	0.3	0.48
(18,1942)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	2	0.48	0.28	0.48
(18,1942)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	2	0.48	0.28	0.48
(18,1942)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	2	0.48	0.28	0.48
(18,1942)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	2	0.48	0.28	0.48
(18,1942)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	2	0.48	0.28	0.48
(18,1942)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	2	0.48	0.28	0.48
(18,1942)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	2	0.48	0.28	0.48
(18,1942)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	2	0.48	0.28	0.48
(18,1942)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	2	0.48	0.28	0.48
(18,1942)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	2	0.48	0.28	0.48
(18,1942)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	2	0.48	0.28	0.48
(18,1942)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	2	0.48	0.28	0.48
(33,1744)	1:36:A:PRO:HA	1:37:A:LEU:HD21	2	0.48	0.04	0.48
(33,1744)	1:36:A:PRO:HA	1:37:A:LEU:HD22	2	0.48	0.04	0.48
(33,1744)	1:36:A:PRO:HA	1:37:A:LEU:HD23	2	0.48	0.04	0.48
(34,1801)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	2	0.48	0.32	0.48
(34,1801)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	2	0.48	0.32	0.48
(1,11)	1:64:A:LYS:H	1:116:A:GLN:HE21	2	0.48	0.14	0.48
(1,1871)	1:9:A:PHE:HZ	1:44:A:GLU:HA	2	0.48	0.16	0.48
(2,1883)	1:9:A:PHE:HZ	1:44:A:GLU:HA	2	0.48	0.16	0.48
(3,1884)	1:9:A:PHE:HZ	1:44:A:GLU:HA	2	0.48	0.16	0.48
(5,1883)	1:9:A:PHE:HZ	1:44:A:GLU:HA	2	0.48	0.16	0.48
(6,1284)	1:18:A:PHE:HZ	1:60:A:LEU:HD21	2	0.48	0.02	0.48
(6,1284)	1:18:A:PHE:HZ	1:60:A:LEU:HD22	2	0.48	0.02	0.48
(6,1284)	1:18:A:PHE:HZ	1:60:A:LEU:HD23	2	0.48	0.02	0.48
(6,1329)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	2	0.48	0.26	0.48
(6,1329)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	2	0.48	0.26	0.48
(6,1329)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	2	0.48	0.26	0.48
(6,1329)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	2	0.48	0.26	0.48
(6,1329)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	2	0.48	0.26	0.48
(6,1329)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	2	0.48	0.26	0.48
(6,1329)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	2	0.48	0.26	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,1329)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	2	0.48	0.26	0.48
(6,1329)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	2	0.48	0.26	0.48
(6,1861)	1:9:A:PHE:HZ	1:44:A:GLU:HA	2	0.48	0.16	0.48
(9,1848)	1:9:A:PHE:HZ	1:44:A:GLU:HA	2	0.48	0.16	0.48
(11,8)	1:64:A:LYS:H	1:116:A:GLN:HE21	2	0.48	0.14	0.48
(11,1312)	1:18:A:PHE:HZ	1:60:A:LEU:HD21	2	0.48	0.02	0.48
(11,1312)	1:18:A:PHE:HZ	1:60:A:LEU:HD22	2	0.48	0.02	0.48
(11,1312)	1:18:A:PHE:HZ	1:60:A:LEU:HD23	2	0.48	0.02	0.48
(11,1878)	1:9:A:PHE:HZ	1:44:A:GLU:HA	2	0.48	0.16	0.48
(16,1844)	1:9:A:PHE:HZ	1:44:A:GLU:HA	2	0.48	0.16	0.48
(17,1873)	1:9:A:PHE:HZ	1:44:A:GLU:HA	2	0.48	0.16	0.48
(18,1844)	1:9:A:PHE:HZ	1:44:A:GLU:HA	2	0.48	0.16	0.48
(29,10)	1:64:A:LYS:H	1:116:A:GLN:HE21	2	0.48	0.14	0.48
(30,1858)	1:9:A:PHE:HZ	1:44:A:GLU:HA	2	0.48	0.16	0.48
(32,1824)	1:9:A:PHE:HZ	1:44:A:GLU:HA	2	0.48	0.16	0.48
(33,1854)	1:9:A:PHE:HZ	1:44:A:GLU:HA	2	0.48	0.16	0.48
(34,7)	1:64:A:LYS:H	1:116:A:GLN:HE21	2	0.48	0.14	0.48
(34,1322)	1:18:A:PHE:HZ	1:60:A:LEU:HD21	2	0.48	0.02	0.48
(34,1322)	1:18:A:PHE:HZ	1:60:A:LEU:HD22	2	0.48	0.02	0.48
(34,1322)	1:18:A:PHE:HZ	1:60:A:LEU:HD23	2	0.48	0.02	0.48
(34,1866)	1:9:A:PHE:HZ	1:44:A:GLU:HA	2	0.48	0.16	0.48
(1,1928)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	2	0.47	0.09	0.47
(1,1928)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	2	0.47	0.09	0.47
(1,1928)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	2	0.47	0.09	0.47
(1,1928)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	2	0.47	0.09	0.47
(1,1928)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	2	0.47	0.09	0.47
(1,1928)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	2	0.47	0.09	0.47
(13,1808)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	2	0.47	0.09	0.47
(13,1808)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	2	0.47	0.09	0.47
(13,1808)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	2	0.47	0.09	0.47
(13,1808)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	2	0.47	0.09	0.47
(13,1808)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	2	0.47	0.09	0.47
(13,1808)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	2	0.47	0.09	0.47
(29,1869)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	2	0.47	0.09	0.47
(29,1869)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	2	0.47	0.09	0.47
(29,1869)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	2	0.47	0.09	0.47
(29,1869)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	2	0.47	0.09	0.47
(29,1869)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	2	0.47	0.09	0.47
(29,1869)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	2	0.47	0.09	0.47
(4,1947)	1:11:A:ILE:HD11	1:43:A:MET:HB2	2	0.47	0.15	0.47
(4,1947)	1:11:A:ILE:HD11	1:43:A:MET:HB3	2	0.47	0.15	0.47
(4,1947)	1:11:A:ILE:HD12	1:43:A:MET:HB2	2	0.47	0.15	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1947)	1:11:A:ILE:HD12	1:43:A:MET:HB3	2	0.47	0.15	0.47
(4,1947)	1:11:A:ILE:HD13	1:43:A:MET:HB2	2	0.47	0.15	0.47
(4,1947)	1:11:A:ILE:HD13	1:43:A:MET:HB3	2	0.47	0.15	0.47
(5,1994)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	2	0.47	0.0	0.47
(5,1994)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	2	0.47	0.0	0.47
(5,1994)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	2	0.47	0.0	0.47
(5,1994)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	2	0.47	0.0	0.47
(5,1994)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	2	0.47	0.0	0.47
(5,1994)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	2	0.47	0.0	0.47
(5,1994)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	2	0.47	0.0	0.47
(5,1994)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	2	0.47	0.0	0.47
(5,1994)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	2	0.47	0.0	0.47
(5,1994)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	2	0.47	0.0	0.47
(5,1994)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	2	0.47	0.0	0.47
(5,1994)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	2	0.47	0.0	0.47
(5,1994)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	2	0.47	0.0	0.47
(5,1994)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	2	0.47	0.0	0.47
(5,1994)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	2	0.47	0.0	0.47
(5,1994)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	2	0.47	0.0	0.47
(5,1994)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	2	0.47	0.0	0.47
(5,1994)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	2	0.47	0.0	0.47
(6,1754)	1:36:A:PRO:HA	1:37:A:LEU:HD21	2	0.47	0.04	0.47
(6,1754)	1:36:A:PRO:HA	1:37:A:LEU:HD22	2	0.47	0.04	0.47
(6,1754)	1:36:A:PRO:HA	1:37:A:LEU:HD23	2	0.47	0.04	0.47
(9,2004)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	2	0.47	0.15	0.47
(9,2004)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	2	0.47	0.15	0.47
(9,2004)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	2	0.47	0.15	0.47
(9,2004)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	2	0.47	0.15	0.47
(9,2004)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	2	0.47	0.15	0.47
(9,2004)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	2	0.47	0.15	0.47
(9,2004)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	2	0.47	0.15	0.47
(9,2004)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	2	0.47	0.15	0.47
(9,2004)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	2	0.47	0.15	0.47
(9,2004)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	2	0.47	0.15	0.47
(9,2004)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	2	0.47	0.15	0.47
(9,2004)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	2	0.47	0.15	0.47
(13,1984)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	2	0.47	0.15	0.47
(13,1984)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	2	0.47	0.15	0.47
(13,1984)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	2	0.47	0.15	0.47
(13,1984)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	2	0.47	0.15	0.47
(13,1984)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	2	0.47	0.15	0.47
(13,1984)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	2	0.47	0.15	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1984)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	2	0.47	0.15	0.47
(13,1984)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	2	0.47	0.15	0.47
(13,1984)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	2	0.47	0.15	0.47
(13,1984)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	2	0.47	0.15	0.47
(13,1984)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	2	0.47	0.15	0.47
(13,1984)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	2	0.47	0.15	0.47
(18,2018)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	2	0.47	0.15	0.47
(18,2018)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	2	0.47	0.15	0.47
(18,2018)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	2	0.47	0.15	0.47
(18,2018)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	2	0.47	0.15	0.47
(18,2018)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	2	0.47	0.15	0.47
(18,2018)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	2	0.47	0.15	0.47
(18,2018)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	2	0.47	0.15	0.47
(18,2018)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	2	0.47	0.15	0.47
(18,2018)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	2	0.47	0.15	0.47
(18,2018)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	2	0.47	0.15	0.47
(18,2018)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	2	0.47	0.15	0.47
(18,2018)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	2	0.47	0.15	0.47
(30,1289)	1:9:A:PHE:HE1	1:14:A:VAL:HG11	2	0.47	0.23	0.47
(30,1289)	1:9:A:PHE:HE1	1:14:A:VAL:HG12	2	0.47	0.23	0.47
(30,1289)	1:9:A:PHE:HE1	1:14:A:VAL:HG13	2	0.47	0.23	0.47
(30,1289)	1:9:A:PHE:HE2	1:14:A:VAL:HG11	2	0.47	0.23	0.47
(30,1289)	1:9:A:PHE:HE2	1:14:A:VAL:HG12	2	0.47	0.23	0.47
(30,1289)	1:9:A:PHE:HE2	1:14:A:VAL:HG13	2	0.47	0.23	0.47
(2,1809)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	2	0.46	0.32	0.46
(2,1809)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	2	0.46	0.32	0.46
(7,1437)	1:15:A:ALA:HB1	1:132:A:ALA:HA	2	0.46	0.12	0.46
(7,1437)	1:15:A:ALA:HB2	1:132:A:ALA:HA	2	0.46	0.12	0.46
(7,1437)	1:15:A:ALA:HB3	1:132:A:ALA:HA	2	0.46	0.12	0.46
(1,1203)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	2	0.46	0.34	0.46
(1,1203)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	2	0.46	0.34	0.46
(1,1203)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	2	0.46	0.34	0.46
(1,1203)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	2	0.46	0.34	0.46
(1,1203)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	2	0.46	0.34	0.46
(1,1203)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	2	0.46	0.34	0.46
(1,1203)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	2	0.46	0.34	0.46
(1,1203)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	2	0.46	0.34	0.46
(1,1203)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	2	0.46	0.34	0.46
(2,1784)	1:57:A:LEU:HG	1:60:A:LEU:HG	2	0.46	0.08	0.46
(3,1796)	1:57:A:LEU:HG	1:60:A:LEU:HG	2	0.46	0.08	0.46
(3,1852)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	2	0.46	0.0	0.46
(3,1852)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	2	0.46	0.0	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,1852)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	2	0.46	0.0	0.46
(3,1852)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	2	0.46	0.0	0.46
(3,1852)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	2	0.46	0.0	0.46
(3,1852)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	2	0.46	0.0	0.46
(4,1178)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	2	0.46	0.34	0.46
(4,1178)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	2	0.46	0.34	0.46
(4,1178)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	2	0.46	0.34	0.46
(4,1178)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	2	0.46	0.34	0.46
(4,1178)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	2	0.46	0.34	0.46
(4,1178)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	2	0.46	0.34	0.46
(4,1178)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	2	0.46	0.34	0.46
(4,1178)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	2	0.46	0.34	0.46
(4,1178)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	2	0.46	0.34	0.46
(4,1745)	1:57:A:LEU:HG	1:60:A:LEU:HG	2	0.46	0.08	0.46
(6,1769)	1:57:A:LEU:HG	1:60:A:LEU:HG	2	0.46	0.08	0.46
(11,1211)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	2	0.46	0.34	0.46
(11,1211)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	2	0.46	0.34	0.46
(11,1211)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	2	0.46	0.34	0.46
(11,1211)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	2	0.46	0.34	0.46
(11,1211)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	2	0.46	0.34	0.46
(11,1211)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	2	0.46	0.34	0.46
(11,1211)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	2	0.46	0.34	0.46
(11,1211)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	2	0.46	0.34	0.46
(11,1211)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	2	0.46	0.34	0.46
(11,1799)	1:57:A:LEU:HG	1:60:A:LEU:HG	2	0.46	0.08	0.46
(13,1731)	1:57:A:LEU:HG	1:60:A:LEU:HG	2	0.46	0.08	0.46
(16,1757)	1:57:A:LEU:HG	1:60:A:LEU:HG	2	0.46	0.08	0.46
(17,1210)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	2	0.46	0.34	0.46
(17,1210)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	2	0.46	0.34	0.46
(17,1210)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	2	0.46	0.34	0.46
(17,1210)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	2	0.46	0.34	0.46
(17,1210)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	2	0.46	0.34	0.46
(17,1210)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	2	0.46	0.34	0.46
(17,1210)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	2	0.46	0.34	0.46
(17,1210)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	2	0.46	0.34	0.46
(17,1210)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	2	0.46	0.34	0.46
(30,1767)	1:57:A:LEU:HG	1:60:A:LEU:HG	2	0.46	0.08	0.46
(30,1848)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	2	0.46	0.09	0.46
(30,1848)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	2	0.46	0.09	0.46
(30,1848)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	2	0.46	0.09	0.46
(30,1848)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	2	0.46	0.09	0.46
(30,1848)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	2	0.46	0.09	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,1848)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	2	0.46	0.09	0.46
(32,1726)	1:57:A:LEU:HG	1:60:A:LEU:HG	2	0.46	0.08	0.46
(33,1207)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	2	0.46	0.34	0.46
(33,1207)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	2	0.46	0.34	0.46
(33,1207)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	2	0.46	0.34	0.46
(33,1207)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	2	0.46	0.34	0.46
(33,1207)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	2	0.46	0.34	0.46
(33,1207)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	2	0.46	0.34	0.46
(33,1207)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	2	0.46	0.34	0.46
(33,1207)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	2	0.46	0.34	0.46
(33,1207)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	2	0.46	0.34	0.46
(33,1761)	1:57:A:LEU:HG	1:60:A:LEU:HG	2	0.46	0.08	0.46
(34,1774)	1:57:A:LEU:HG	1:60:A:LEU:HG	2	0.46	0.08	0.46
(1,1046)	1:63:A:ILE:H	1:63:A:ILE:HG12	2	0.46	0.04	0.46
(1,1582)	1:11:A:ILE:HD11	1:43:A:MET:HB2	2	0.46	0.12	0.46
(1,1582)	1:11:A:ILE:HD12	1:43:A:MET:HB2	2	0.46	0.12	0.46
(1,1582)	1:11:A:ILE:HD13	1:43:A:MET:HB2	2	0.46	0.12	0.46
(2,1029)	1:63:A:ILE:H	1:63:A:ILE:HG12	2	0.46	0.04	0.46
(2,1582)	1:11:A:ILE:HD11	1:43:A:MET:HB2	2	0.46	0.12	0.46
(2,1582)	1:11:A:ILE:HD12	1:43:A:MET:HB2	2	0.46	0.12	0.46
(2,1582)	1:11:A:ILE:HD13	1:43:A:MET:HB2	2	0.46	0.12	0.46
(4,1019)	1:63:A:ILE:H	1:63:A:ILE:HG12	2	0.46	0.04	0.46
(5,1044)	1:63:A:ILE:H	1:63:A:ILE:HG12	2	0.46	0.04	0.46
(6,1019)	1:63:A:ILE:H	1:63:A:ILE:HG12	2	0.46	0.04	0.46
(7,1544)	1:11:A:ILE:HD11	1:43:A:MET:HB2	2	0.46	0.12	0.46
(7,1544)	1:11:A:ILE:HD12	1:43:A:MET:HB2	2	0.46	0.12	0.46
(7,1544)	1:11:A:ILE:HD13	1:43:A:MET:HB2	2	0.46	0.12	0.46
(9,1031)	1:63:A:ILE:H	1:63:A:ILE:HG12	2	0.46	0.04	0.46
(11,1045)	1:63:A:ILE:H	1:63:A:ILE:HG12	2	0.46	0.04	0.46
(11,1598)	1:11:A:ILE:HD11	1:43:A:MET:HB2	2	0.46	0.12	0.46
(11,1598)	1:11:A:ILE:HD12	1:43:A:MET:HB2	2	0.46	0.12	0.46
(11,1598)	1:11:A:ILE:HD13	1:43:A:MET:HB2	2	0.46	0.12	0.46
(13,946)	1:11:A:ILE:HD11	1:43:A:MET:HB3	2	0.46	0.17	0.46
(13,946)	1:11:A:ILE:HD12	1:43:A:MET:HB3	2	0.46	0.17	0.46
(13,946)	1:11:A:ILE:HD13	1:43:A:MET:HB3	2	0.46	0.17	0.46
(13,1020)	1:63:A:ILE:H	1:63:A:ILE:HG12	2	0.46	0.04	0.46
(15,961)	1:11:A:ILE:HD11	1:43:A:MET:HB3	2	0.46	0.17	0.46
(15,961)	1:11:A:ILE:HD12	1:43:A:MET:HB3	2	0.46	0.17	0.46
(15,961)	1:11:A:ILE:HD13	1:43:A:MET:HB3	2	0.46	0.17	0.46
(15,1039)	1:63:A:ILE:H	1:63:A:ILE:HG12	2	0.46	0.04	0.46
(15,1562)	1:11:A:ILE:HD11	1:43:A:MET:HB2	2	0.46	0.12	0.46
(15,1562)	1:11:A:ILE:HD12	1:43:A:MET:HB2	2	0.46	0.12	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,1562)	1:11:A:ILE:HD13	1:43:A:MET:HB2	2	0.46	0.12	0.46
(17,903)	1:21:A:THR:HB	1:23:A:LEU:H	2	0.46	0.23	0.46
(17,1043)	1:63:A:ILE:H	1:63:A:ILE:HG12	2	0.46	0.04	0.46
(17,1587)	1:11:A:ILE:HD11	1:43:A:MET:HB2	2	0.46	0.12	0.46
(17,1587)	1:11:A:ILE:HD12	1:43:A:MET:HB2	2	0.46	0.12	0.46
(17,1587)	1:11:A:ILE:HD13	1:43:A:MET:HB2	2	0.46	0.12	0.46
(18,1050)	1:63:A:ILE:H	1:63:A:ILE:HG12	2	0.46	0.04	0.46
(18,1553)	1:11:A:ILE:HD11	1:43:A:MET:HB2	2	0.46	0.12	0.46
(18,1553)	1:11:A:ILE:HD12	1:43:A:MET:HB2	2	0.46	0.12	0.46
(18,1553)	1:11:A:ILE:HD13	1:43:A:MET:HB2	2	0.46	0.12	0.46
(29,1049)	1:63:A:ILE:H	1:63:A:ILE:HG12	2	0.46	0.04	0.46
(29,1582)	1:11:A:ILE:HD11	1:43:A:MET:HB2	2	0.46	0.12	0.46
(29,1582)	1:11:A:ILE:HD12	1:43:A:MET:HB2	2	0.46	0.12	0.46
(29,1582)	1:11:A:ILE:HD13	1:43:A:MET:HB2	2	0.46	0.12	0.46
(30,1025)	1:63:A:ILE:H	1:63:A:ILE:HG12	2	0.46	0.04	0.46
(30,1571)	1:11:A:ILE:HD11	1:43:A:MET:HB2	2	0.46	0.12	0.46
(30,1571)	1:11:A:ILE:HD12	1:43:A:MET:HB2	2	0.46	0.12	0.46
(30,1571)	1:11:A:ILE:HD13	1:43:A:MET:HB2	2	0.46	0.12	0.46
(32,96)	1:63:A:ILE:H	1:63:A:ILE:HG12	2	0.46	0.04	0.46
(32,1530)	1:11:A:ILE:HD11	1:43:A:MET:HB2	2	0.46	0.12	0.46
(32,1530)	1:11:A:ILE:HD12	1:43:A:MET:HB2	2	0.46	0.12	0.46
(32,1530)	1:11:A:ILE:HD13	1:43:A:MET:HB2	2	0.46	0.12	0.46
(33,1035)	1:63:A:ILE:H	1:63:A:ILE:HG12	2	0.46	0.04	0.46
(33,1558)	1:11:A:ILE:HD11	1:43:A:MET:HB2	2	0.46	0.12	0.46
(33,1558)	1:11:A:ILE:HD12	1:43:A:MET:HB2	2	0.46	0.12	0.46
(33,1558)	1:11:A:ILE:HD13	1:43:A:MET:HB2	2	0.46	0.12	0.46
(34,1062)	1:63:A:ILE:H	1:63:A:ILE:HG12	2	0.46	0.04	0.46
(34,1586)	1:11:A:ILE:HD11	1:43:A:MET:HB2	2	0.46	0.12	0.46
(34,1586)	1:11:A:ILE:HD12	1:43:A:MET:HB2	2	0.46	0.12	0.46
(34,1586)	1:11:A:ILE:HD13	1:43:A:MET:HB2	2	0.46	0.12	0.46
(1,742)	1:45:A:ALA:H	1:46:A:ASN:HD21	2	0.46	0.3	0.46
(2,731)	1:45:A:ALA:H	1:46:A:ASN:HD21	2	0.46	0.3	0.46
(2,1803)	1:34:A:LYS:H	1:80:A:TYR:HD1	2	0.46	0.01	0.46
(2,1803)	1:34:A:LYS:H	1:80:A:TYR:HD2	2	0.46	0.01	0.46
(2,2200)	1:50:A:ALA:HB1	1:133:A:ASN:HB2	2	0.46	0.36	0.46
(2,2200)	1:50:A:ALA:HB1	1:133:A:ASN:HB3	2	0.46	0.36	0.46
(2,2200)	1:50:A:ALA:HB2	1:133:A:ASN:HB2	2	0.46	0.36	0.46
(2,2200)	1:50:A:ALA:HB2	1:133:A:ASN:HB3	2	0.46	0.36	0.46
(2,2200)	1:50:A:ALA:HB3	1:133:A:ASN:HB2	2	0.46	0.36	0.46
(2,2200)	1:50:A:ALA:HB3	1:133:A:ASN:HB3	2	0.46	0.36	0.46
(3,749)	1:45:A:ALA:H	1:46:A:ASN:HD21	2	0.46	0.3	0.46
(3,1812)	1:34:A:LYS:H	1:80:A:TYR:HD1	2	0.46	0.01	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,1812)	1:34:A:LYS:H	1:80:A:TYR:HD2	2	0.46	0.01	0.46
(4,719)	1:45:A:ALA:H	1:46:A:ASN:HD21	2	0.46	0.3	0.46
(4,1763)	1:34:A:LYS:H	1:80:A:TYR:HD1	2	0.46	0.01	0.46
(4,1763)	1:34:A:LYS:H	1:80:A:TYR:HD2	2	0.46	0.01	0.46
(5,1808)	1:34:A:LYS:H	1:80:A:TYR:HD1	2	0.46	0.01	0.46
(5,1808)	1:34:A:LYS:H	1:80:A:TYR:HD2	2	0.46	0.01	0.46
(6,726)	1:45:A:ALA:H	1:46:A:ASN:HD21	2	0.46	0.3	0.46
(6,1789)	1:34:A:LYS:H	1:80:A:TYR:HD1	2	0.46	0.01	0.46
(6,1789)	1:34:A:LYS:H	1:80:A:TYR:HD2	2	0.46	0.01	0.46
(7,1746)	1:34:A:LYS:H	1:80:A:TYR:HD1	2	0.46	0.01	0.46
(7,1746)	1:34:A:LYS:H	1:80:A:TYR:HD2	2	0.46	0.01	0.46
(7,1943)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	2	0.46	0.06	0.46
(7,1943)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	2	0.46	0.06	0.46
(7,1943)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	2	0.46	0.06	0.46
(7,1943)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	2	0.46	0.06	0.46
(7,1943)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	2	0.46	0.06	0.46
(7,1943)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	2	0.46	0.06	0.46
(7,2151)	1:50:A:ALA:HB1	1:133:A:ASN:HB2	2	0.46	0.36	0.46
(7,2151)	1:50:A:ALA:HB1	1:133:A:ASN:HB3	2	0.46	0.36	0.46
(7,2151)	1:50:A:ALA:HB2	1:133:A:ASN:HB2	2	0.46	0.36	0.46
(7,2151)	1:50:A:ALA:HB2	1:133:A:ASN:HB3	2	0.46	0.36	0.46
(7,2151)	1:50:A:ALA:HB3	1:133:A:ASN:HB2	2	0.46	0.36	0.46
(7,2151)	1:50:A:ALA:HB3	1:133:A:ASN:HB3	2	0.46	0.36	0.46
(9,727)	1:45:A:ALA:H	1:46:A:ASN:HD21	2	0.46	0.3	0.46
(9,2380)	1:134:A:VAL:HG11	1:137:A:SER:H	2	0.46	0.18	0.46
(9,2380)	1:134:A:VAL:HG12	1:137:A:SER:H	2	0.46	0.18	0.46
(9,2380)	1:134:A:VAL:HG13	1:137:A:SER:H	2	0.46	0.18	0.46
(9,2380)	1:134:A:VAL:HG21	1:137:A:SER:H	2	0.46	0.18	0.46
(9,2380)	1:134:A:VAL:HG22	1:137:A:SER:H	2	0.46	0.18	0.46
(9,2380)	1:134:A:VAL:HG23	1:137:A:SER:H	2	0.46	0.18	0.46
(11,736)	1:45:A:ALA:H	1:46:A:ASN:HD21	2	0.46	0.3	0.46
(11,1815)	1:34:A:LYS:H	1:80:A:TYR:HD1	2	0.46	0.01	0.46
(11,1815)	1:34:A:LYS:H	1:80:A:TYR:HD2	2	0.46	0.01	0.46
(13,721)	1:45:A:ALA:H	1:46:A:ASN:HD21	2	0.46	0.3	0.46
(13,1743)	1:34:A:LYS:H	1:80:A:TYR:HD1	2	0.46	0.01	0.46
(13,1743)	1:34:A:LYS:H	1:80:A:TYR:HD2	2	0.46	0.01	0.46
(15,734)	1:45:A:ALA:H	1:46:A:ASN:HD21	2	0.46	0.3	0.46
(15,1769)	1:34:A:LYS:H	1:80:A:TYR:HD1	2	0.46	0.01	0.46
(15,1769)	1:34:A:LYS:H	1:80:A:TYR:HD2	2	0.46	0.01	0.46
(15,2431)	1:134:A:VAL:HG11	1:137:A:SER:H	2	0.46	0.18	0.46
(15,2431)	1:134:A:VAL:HG12	1:137:A:SER:H	2	0.46	0.18	0.46
(15,2431)	1:134:A:VAL:HG13	1:137:A:SER:H	2	0.46	0.18	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,2431)	1:134:A:VAL:HG21	1:137:A:SER:H	2	0.46	0.18	0.46
(15,2431)	1:134:A:VAL:HG22	1:137:A:SER:H	2	0.46	0.18	0.46
(15,2431)	1:134:A:VAL:HG23	1:137:A:SER:H	2	0.46	0.18	0.46
(16,742)	1:45:A:ALA:H	1:46:A:ASN:HD21	2	0.46	0.3	0.46
(16,1774)	1:34:A:LYS:H	1:80:A:TYR:HD1	2	0.46	0.01	0.46
(16,1774)	1:34:A:LYS:H	1:80:A:TYR:HD2	2	0.46	0.01	0.46
(17,1795)	1:34:A:LYS:H	1:80:A:TYR:HD1	2	0.46	0.01	0.46
(17,1795)	1:34:A:LYS:H	1:80:A:TYR:HD2	2	0.46	0.01	0.46
(18,752)	1:45:A:ALA:H	1:46:A:ASN:HD21	2	0.46	0.3	0.46
(18,1764)	1:34:A:LYS:H	1:80:A:TYR:HD1	2	0.46	0.01	0.46
(18,1764)	1:34:A:LYS:H	1:80:A:TYR:HD2	2	0.46	0.01	0.46
(29,744)	1:45:A:ALA:H	1:46:A:ASN:HD21	2	0.46	0.3	0.46
(29,1803)	1:34:A:LYS:H	1:80:A:TYR:HD1	2	0.46	0.01	0.46
(29,1803)	1:34:A:LYS:H	1:80:A:TYR:HD2	2	0.46	0.01	0.46
(30,734)	1:45:A:ALA:H	1:46:A:ASN:HD21	2	0.46	0.3	0.46
(30,1783)	1:34:A:LYS:H	1:80:A:TYR:HD1	2	0.46	0.01	0.46
(30,1783)	1:34:A:LYS:H	1:80:A:TYR:HD2	2	0.46	0.01	0.46
(32,722)	1:45:A:ALA:H	1:46:A:ASN:HD21	2	0.46	0.3	0.46
(33,735)	1:45:A:ALA:H	1:46:A:ASN:HD21	2	0.46	0.3	0.46
(33,1778)	1:34:A:LYS:H	1:80:A:TYR:HD1	2	0.46	0.01	0.46
(33,1778)	1:34:A:LYS:H	1:80:A:TYR:HD2	2	0.46	0.01	0.46
(33,2172)	1:47:A:ALA:H	1:134:A:VAL:HG11	2	0.46	0.32	0.46
(33,2172)	1:47:A:ALA:H	1:134:A:VAL:HG12	2	0.46	0.32	0.46
(33,2172)	1:47:A:ALA:H	1:134:A:VAL:HG13	2	0.46	0.32	0.46
(33,2172)	1:47:A:ALA:H	1:134:A:VAL:HG21	2	0.46	0.32	0.46
(33,2172)	1:47:A:ALA:H	1:134:A:VAL:HG22	2	0.46	0.32	0.46
(33,2172)	1:47:A:ALA:H	1:134:A:VAL:HG23	2	0.46	0.32	0.46
(34,742)	1:45:A:ALA:H	1:46:A:ASN:HD21	2	0.46	0.3	0.46
(34,1795)	1:34:A:LYS:H	1:80:A:TYR:HD1	2	0.46	0.01	0.46
(34,1795)	1:34:A:LYS:H	1:80:A:TYR:HD2	2	0.46	0.01	0.46
(2,2028)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	2	0.45	0.0	0.45
(2,2028)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	2	0.45	0.0	0.45
(2,2028)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	2	0.45	0.0	0.45
(2,2028)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	2	0.45	0.0	0.45
(2,2028)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	2	0.45	0.0	0.45
(2,2028)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	2	0.45	0.0	0.45
(2,2028)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	2	0.45	0.0	0.45
(2,2028)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	2	0.45	0.0	0.45
(2,2028)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	2	0.45	0.0	0.45
(2,2028)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	2	0.45	0.0	0.45
(2,2028)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	2	0.45	0.0	0.45
(2,2028)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	2	0.45	0.0	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2028)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	2	0.45	0.0	0.45
(2,2028)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	2	0.45	0.0	0.45
(2,2028)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	2	0.45	0.0	0.45
(2,2028)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	2	0.45	0.0	0.45
(2,2028)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	2	0.45	0.0	0.45
(2,2028)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	2	0.45	0.0	0.45
(17,1765)	1:36:A:PRO:HA	1:37:A:LEU:HD21	2	0.45	0.04	0.45
(17,1765)	1:36:A:PRO:HA	1:37:A:LEU:HD22	2	0.45	0.04	0.45
(17,1765)	1:36:A:PRO:HA	1:37:A:LEU:HD23	2	0.45	0.04	0.45
(1,1926)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	2	0.44	0.08	0.44
(1,1926)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	2	0.44	0.08	0.44
(2,704)	1:27:A:ARG:HB3	1:27:A:ARG:HE	2	0.44	0.08	0.44
(2,704)	1:27:A:ARG:HB2	1:27:A:ARG:HE	2	0.44	0.08	0.44
(2,1782)	1:141:A:LYS:HA	1:144:A:LEU:HD21	2	0.44	0.1	0.44
(2,1782)	1:141:A:LYS:HA	1:144:A:LEU:HD22	2	0.44	0.1	0.44
(2,1782)	1:141:A:LYS:HA	1:144:A:LEU:HD23	2	0.44	0.1	0.44
(3,713)	1:27:A:ARG:HB3	1:27:A:ARG:HE	2	0.44	0.08	0.44
(3,713)	1:27:A:ARG:HB2	1:27:A:ARG:HE	2	0.44	0.08	0.44
(4,1896)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	2	0.44	0.3	0.44
(4,1896)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	2	0.44	0.3	0.44
(4,2114)	1:39:A:VAL:HG11	1:144:A:LEU:HD21	2	0.44	0.18	0.44
(4,2114)	1:39:A:VAL:HG11	1:144:A:LEU:HD22	2	0.44	0.18	0.44
(4,2114)	1:39:A:VAL:HG11	1:144:A:LEU:HD23	2	0.44	0.18	0.44
(4,2114)	1:39:A:VAL:HG12	1:144:A:LEU:HD21	2	0.44	0.18	0.44
(4,2114)	1:39:A:VAL:HG12	1:144:A:LEU:HD22	2	0.44	0.18	0.44
(4,2114)	1:39:A:VAL:HG12	1:144:A:LEU:HD23	2	0.44	0.18	0.44
(4,2114)	1:39:A:VAL:HG13	1:144:A:LEU:HD21	2	0.44	0.18	0.44
(4,2114)	1:39:A:VAL:HG13	1:144:A:LEU:HD22	2	0.44	0.18	0.44
(4,2114)	1:39:A:VAL:HG13	1:144:A:LEU:HD23	2	0.44	0.18	0.44
(4,2114)	1:39:A:VAL:HG21	1:144:A:LEU:HD21	2	0.44	0.18	0.44
(4,2114)	1:39:A:VAL:HG21	1:144:A:LEU:HD22	2	0.44	0.18	0.44
(4,2114)	1:39:A:VAL:HG21	1:144:A:LEU:HD23	2	0.44	0.18	0.44
(4,2114)	1:39:A:VAL:HG22	1:144:A:LEU:HD21	2	0.44	0.18	0.44
(4,2114)	1:39:A:VAL:HG22	1:144:A:LEU:HD22	2	0.44	0.18	0.44
(4,2114)	1:39:A:VAL:HG22	1:144:A:LEU:HD23	2	0.44	0.18	0.44
(4,2114)	1:39:A:VAL:HG23	1:144:A:LEU:HD21	2	0.44	0.18	0.44
(4,2114)	1:39:A:VAL:HG23	1:144:A:LEU:HD22	2	0.44	0.18	0.44
(4,2114)	1:39:A:VAL:HG23	1:144:A:LEU:HD23	2	0.44	0.18	0.44
(5,1941)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	2	0.44	0.3	0.44
(5,1941)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	2	0.44	0.3	0.44
(6,1931)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	2	0.44	0.3	0.44
(6,1931)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	2	0.44	0.3	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,1329)	1:101:A:ILE:H	1:119:A:LEU:HD11	2	0.44	0.16	0.44
(9,1329)	1:101:A:ILE:H	1:119:A:LEU:HD12	2	0.44	0.16	0.44
(9,1329)	1:101:A:ILE:H	1:119:A:LEU:HD13	2	0.44	0.16	0.44
(9,1918)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	2	0.44	0.3	0.44
(9,1918)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	2	0.44	0.3	0.44
(11,1796)	1:141:A:LYS:HA	1:144:A:LEU:HD21	2	0.44	0.1	0.44
(11,1796)	1:141:A:LYS:HA	1:144:A:LEU:HD22	2	0.44	0.1	0.44
(11,1796)	1:141:A:LYS:HA	1:144:A:LEU:HD23	2	0.44	0.1	0.44
(15,707)	1:27:A:ARG:HB3	1:27:A:ARG:HE	2	0.44	0.08	0.44
(15,707)	1:27:A:ARG:HB2	1:27:A:ARG:HE	2	0.44	0.08	0.44
(16,1458)	1:13:A:ALA:HB1	1:79:A:THR:HA	2	0.44	0.16	0.44
(16,1458)	1:13:A:ALA:HB2	1:79:A:THR:HA	2	0.44	0.16	0.44
(16,1458)	1:13:A:ALA:HB3	1:79:A:THR:HA	2	0.44	0.16	0.44
(32,1130)	1:136:A:CYS:HA	1:140:A:LEU:HD21	2	0.44	0.28	0.44
(32,1130)	1:136:A:CYS:HA	1:140:A:LEU:HD22	2	0.44	0.28	0.44
(32,1130)	1:136:A:CYS:HA	1:140:A:LEU:HD23	2	0.44	0.28	0.44
(32,1883)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	2	0.44	0.3	0.44
(32,1883)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	2	0.44	0.3	0.44
(34,714)	1:27:A:ARG:HB3	1:27:A:ARG:HE	2	0.44	0.08	0.44
(34,714)	1:27:A:ARG:HB2	1:27:A:ARG:HE	2	0.44	0.08	0.44
(9,873)	1:141:A:LYS:HA	1:148:A:CYS:HB3	2	0.44	0.26	0.44
(11,902)	1:20:A:THR:H	1:21:A:THR:HB	2	0.44	0.24	0.44
(33,2149)	1:43:A:MET:HG2	1:134:A:VAL:HG11	2	0.44	0.26	0.44
(33,2149)	1:43:A:MET:HG2	1:134:A:VAL:HG12	2	0.44	0.26	0.44
(33,2149)	1:43:A:MET:HG2	1:134:A:VAL:HG13	2	0.44	0.26	0.44
(33,2149)	1:43:A:MET:HG2	1:134:A:VAL:HG21	2	0.44	0.26	0.44
(33,2149)	1:43:A:MET:HG2	1:134:A:VAL:HG22	2	0.44	0.26	0.44
(33,2149)	1:43:A:MET:HG2	1:134:A:VAL:HG23	2	0.44	0.26	0.44
(33,2149)	1:43:A:MET:HG3	1:134:A:VAL:HG11	2	0.44	0.26	0.44
(33,2149)	1:43:A:MET:HG3	1:134:A:VAL:HG12	2	0.44	0.26	0.44
(33,2149)	1:43:A:MET:HG3	1:134:A:VAL:HG13	2	0.44	0.26	0.44
(33,2149)	1:43:A:MET:HG3	1:134:A:VAL:HG21	2	0.44	0.26	0.44
(33,2149)	1:43:A:MET:HG3	1:134:A:VAL:HG22	2	0.44	0.26	0.44
(33,2149)	1:43:A:MET:HG3	1:134:A:VAL:HG23	2	0.44	0.26	0.44
(4,2045)	1:27:A:ARG:HB2	1:27:A:ARG:HE	2	0.44	0.11	0.44
(4,2045)	1:27:A:ARG:HB3	1:27:A:ARG:HE	2	0.44	0.11	0.44
(30,2041)	1:27:A:ARG:HB2	1:27:A:ARG:HE	2	0.44	0.11	0.44
(30,2041)	1:27:A:ARG:HB3	1:27:A:ARG:HE	2	0.44	0.11	0.44
(11,1783)	1:36:A:PRO:HA	1:37:A:LEU:HD21	2	0.44	0.04	0.44
(11,1783)	1:36:A:PRO:HA	1:37:A:LEU:HD22	2	0.44	0.04	0.44
(11,1783)	1:36:A:PRO:HA	1:37:A:LEU:HD23	2	0.44	0.04	0.44
(2,1574)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	2	0.44	0.2	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,1574)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	2	0.44	0.2	0.44
(2,1574)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	2	0.44	0.2	0.44
(2,1574)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	2	0.44	0.2	0.44
(2,1574)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	2	0.44	0.2	0.44
(2,1574)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	2	0.44	0.2	0.44
(2,1574)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	2	0.44	0.2	0.44
(2,1574)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	2	0.44	0.2	0.44
(2,1574)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	2	0.44	0.2	0.44
(2,1896)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	2	0.44	0.03	0.44
(2,1896)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	2	0.44	0.03	0.44
(2,1896)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	2	0.44	0.03	0.44
(2,1896)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	2	0.44	0.03	0.44
(2,1896)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	2	0.44	0.03	0.44
(2,1896)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	2	0.44	0.03	0.44
(4,978)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.44	0.01	0.44
(5,1897)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	2	0.44	0.03	0.44
(5,1897)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	2	0.44	0.03	0.44
(5,1897)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	2	0.44	0.03	0.44
(5,1897)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	2	0.44	0.03	0.44
(5,1897)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	2	0.44	0.03	0.44
(5,1897)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	2	0.44	0.03	0.44
(6,1563)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	2	0.44	0.2	0.44
(6,1563)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	2	0.44	0.2	0.44
(6,1563)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	2	0.44	0.2	0.44
(6,1563)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	2	0.44	0.2	0.44
(6,1563)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	2	0.44	0.2	0.44
(6,1563)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	2	0.44	0.2	0.44
(6,1563)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	2	0.44	0.2	0.44
(6,1563)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	2	0.44	0.2	0.44
(6,1563)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	2	0.44	0.2	0.44
(7,1752)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	2	0.44	0.32	0.44
(7,1752)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	2	0.44	0.32	0.44
(9,1557)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	2	0.44	0.2	0.44
(9,1557)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	2	0.44	0.2	0.44
(9,1557)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	2	0.44	0.2	0.44
(9,1557)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	2	0.44	0.2	0.44
(9,1557)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	2	0.44	0.2	0.44
(9,1557)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	2	0.44	0.2	0.44
(9,1557)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	2	0.44	0.2	0.44
(9,1557)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	2	0.44	0.2	0.44
(9,1557)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	2	0.44	0.2	0.44
(9,1866)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	2	0.44	0.03	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,1866)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	2	0.44	0.03	0.44
(9,1866)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	2	0.44	0.03	0.44
(9,1866)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	2	0.44	0.03	0.44
(9,1866)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	2	0.44	0.03	0.44
(9,1866)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	2	0.44	0.03	0.44
(11,1590)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	2	0.44	0.2	0.44
(11,1590)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	2	0.44	0.2	0.44
(11,1590)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	2	0.44	0.2	0.44
(11,1590)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	2	0.44	0.2	0.44
(11,1590)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	2	0.44	0.2	0.44
(11,1590)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	2	0.44	0.2	0.44
(11,1590)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	2	0.44	0.2	0.44
(11,1590)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	2	0.44	0.2	0.44
(11,1590)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	2	0.44	0.2	0.44
(16,1967)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	2	0.44	0.3	0.44
(16,1967)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	2	0.44	0.3	0.44
(16,1967)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	2	0.44	0.3	0.44
(16,1967)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	2	0.44	0.3	0.44
(16,1967)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	2	0.44	0.3	0.44
(16,1967)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	2	0.44	0.3	0.44
(16,1967)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	2	0.44	0.3	0.44
(16,1967)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	2	0.44	0.3	0.44
(16,1967)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	2	0.44	0.3	0.44
(16,1967)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	2	0.44	0.3	0.44
(16,1967)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	2	0.44	0.3	0.44
(16,1967)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	2	0.44	0.3	0.44
(17,1582)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	2	0.44	0.2	0.44
(17,1582)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	2	0.44	0.2	0.44
(17,1582)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	2	0.44	0.2	0.44
(17,1582)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	2	0.44	0.2	0.44
(17,1582)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	2	0.44	0.2	0.44
(17,1582)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	2	0.44	0.2	0.44
(17,1582)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	2	0.44	0.2	0.44
(17,1582)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	2	0.44	0.2	0.44
(17,1582)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	2	0.44	0.2	0.44
(30,1874)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	2	0.44	0.03	0.44
(30,1874)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	2	0.44	0.03	0.44
(30,1874)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	2	0.44	0.03	0.44
(30,1874)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	2	0.44	0.03	0.44
(30,1874)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	2	0.44	0.03	0.44
(30,1874)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	2	0.44	0.03	0.44
(32,1939)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	2	0.44	0.3	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,1939)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	2	0.44	0.3	0.44
(32,1939)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	2	0.44	0.3	0.44
(32,1939)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	2	0.44	0.3	0.44
(32,1939)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	2	0.44	0.3	0.44
(32,1939)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	2	0.44	0.3	0.44
(32,1939)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	2	0.44	0.3	0.44
(32,1939)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	2	0.44	0.3	0.44
(32,1939)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	2	0.44	0.3	0.44
(32,1939)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	2	0.44	0.3	0.44
(32,1939)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	2	0.44	0.3	0.44
(32,1939)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	2	0.44	0.3	0.44
(32,2203)	1:62:A:HIS:H	1:63:A:ILE:HG12	2	0.44	0.18	0.44
(32,2203)	1:62:A:HIS:H	1:63:A:ILE:HG13	2	0.44	0.18	0.44
(33,1972)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	2	0.44	0.3	0.44
(33,1972)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	2	0.44	0.3	0.44
(33,1972)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	2	0.44	0.3	0.44
(33,1972)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	2	0.44	0.3	0.44
(33,1972)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	2	0.44	0.3	0.44
(33,1972)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	2	0.44	0.3	0.44
(33,1972)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	2	0.44	0.3	0.44
(33,1972)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	2	0.44	0.3	0.44
(33,1972)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	2	0.44	0.3	0.44
(33,1972)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	2	0.44	0.3	0.44
(33,1972)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	2	0.44	0.3	0.44
(33,1972)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	2	0.44	0.3	0.44
(34,1579)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	2	0.44	0.2	0.44
(34,1579)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	2	0.44	0.2	0.44
(34,1579)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	2	0.44	0.2	0.44
(34,1579)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	2	0.44	0.2	0.44
(34,1579)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	2	0.44	0.2	0.44
(34,1579)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	2	0.44	0.2	0.44
(34,1579)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	2	0.44	0.2	0.44
(34,1579)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	2	0.44	0.2	0.44
(34,1579)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	2	0.44	0.2	0.44
(1,2197)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(1,2197)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(1,2197)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(1,2197)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(1,2197)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(1,2197)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(1,2197)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(1,2197)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	2	0.43	0.14	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2197)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(1,2197)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(1,2197)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(1,2197)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(1,2197)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(1,2197)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(1,2197)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(1,2197)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(1,2197)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(1,2197)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(4,2210)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(4,2210)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(4,2210)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(4,2210)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(4,2210)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(4,2210)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(4,2210)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(4,2210)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(4,2210)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(4,2210)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(4,2210)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(4,2210)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(4,2210)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(4,2210)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(4,2210)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(4,2210)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(4,2210)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(4,2210)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(5,2212)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(5,2212)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(5,2212)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(5,2212)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(5,2212)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(5,2212)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(5,2212)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(5,2212)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(5,2212)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(5,2212)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(5,2212)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(5,2212)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(5,2212)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(5,2212)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	2	0.43	0.14	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,2212)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(5,2212)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(5,2212)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(5,2212)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(6,2222)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(6,2222)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(6,2222)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(6,2222)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(6,2222)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(6,2222)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(6,2222)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(6,2222)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(6,2222)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(6,2222)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(6,2222)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(6,2222)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(6,2222)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(6,2222)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(6,2222)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(6,2222)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(6,2222)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(6,2222)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(7,2191)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(7,2191)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(7,2191)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(7,2191)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(7,2191)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(7,2191)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(7,2191)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(7,2191)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(7,2191)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(7,2191)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(7,2191)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(7,2191)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(7,2191)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(7,2191)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(7,2191)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(7,2191)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(7,2191)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(7,2191)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(13,2180)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(13,2180)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	2	0.43	0.14	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,2180)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(13,2180)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(13,2180)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(13,2180)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(13,2180)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(13,2180)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(13,2180)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(13,2180)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(13,2180)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(13,2180)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(13,2180)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(13,2180)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(13,2180)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(13,2180)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(13,2180)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(13,2180)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(15,2194)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(15,2194)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(15,2194)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(15,2194)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(15,2194)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(15,2194)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(15,2194)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(15,2194)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(15,2194)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(15,2194)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(15,2194)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(15,2194)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(15,2194)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(15,2194)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(15,2194)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(15,2194)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(15,2194)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(15,2194)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(17,2227)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(17,2227)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(17,2227)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(17,2227)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(17,2227)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(17,2227)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(17,2227)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(17,2227)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	2	0.43	0.14	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,2227)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(17,2227)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(17,2227)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(17,2227)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(17,2227)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(17,2227)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(17,2227)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(17,2227)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(17,2227)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(17,2227)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(18,2230)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(18,2230)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(18,2230)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(18,2230)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(18,2230)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(18,2230)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(18,2230)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(18,2230)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(18,2230)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(18,2230)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(18,2230)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(18,2230)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(18,2230)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(18,2230)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(18,2230)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(18,2230)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(18,2230)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(18,2230)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(29,2214)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(29,2214)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(29,2214)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(29,2214)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(29,2214)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(29,2214)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(29,2214)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(29,2214)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(29,2214)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(29,2214)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(29,2214)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(29,2214)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(29,2214)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(29,2214)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	2	0.43	0.14	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,2214)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(29,2214)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(29,2214)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(29,2214)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(32,2208)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(32,2208)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(32,2208)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(32,2208)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(32,2208)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(32,2208)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(32,2208)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(32,2208)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(32,2208)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(32,2208)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(32,2208)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(32,2208)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(32,2208)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(32,2208)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(32,2208)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(32,2208)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(32,2208)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(32,2208)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(33,2215)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(33,2215)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(33,2215)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(33,2215)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(33,2215)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(33,2215)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(33,2215)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(33,2215)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(33,2215)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(33,2215)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(33,2215)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(33,2215)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(33,2215)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	2	0.43	0.14	0.43
(33,2215)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	2	0.43	0.14	0.43
(33,2215)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	2	0.43	0.14	0.43
(33,2215)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	2	0.43	0.14	0.43
(33,2215)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	2	0.43	0.14	0.43
(33,2215)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	2	0.43	0.14	0.43
(5,2081)	1:38:A:GLU:HA	1:139:A:LEU:HD11	2	0.43	0.23	0.43
(5,2081)	1:38:A:GLU:HA	1:139:A:LEU:HD12	2	0.43	0.23	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,2081)	1:38:A:GLU:HA	1:139:A:LEU:HD13	2	0.43	0.23	0.43
(5,2081)	1:38:A:GLU:HA	1:139:A:LEU:HD21	2	0.43	0.23	0.43
(5,2081)	1:38:A:GLU:HA	1:139:A:LEU:HD22	2	0.43	0.23	0.43
(5,2081)	1:38:A:GLU:HA	1:139:A:LEU:HD23	2	0.43	0.23	0.43
(9,1233)	1:140:A:LEU:HA	1:140:A:LEU:HD11	2	0.43	0.11	0.43
(9,1233)	1:140:A:LEU:HA	1:140:A:LEU:HD12	2	0.43	0.11	0.43
(9,1233)	1:140:A:LEU:HA	1:140:A:LEU:HD13	2	0.43	0.11	0.43
(2,953)	1:11:A:ILE:HD11	1:43:A:MET:HB3	2	0.43	0.17	0.43
(2,953)	1:11:A:ILE:HD12	1:43:A:MET:HB3	2	0.43	0.17	0.43
(2,953)	1:11:A:ILE:HD13	1:43:A:MET:HB3	2	0.43	0.17	0.43
(2,1119)	1:57:A:LEU:HG	1:60:A:LEU:HD11	2	0.43	0.17	0.43
(2,1119)	1:57:A:LEU:HG	1:60:A:LEU:HD12	2	0.43	0.17	0.43
(2,1119)	1:57:A:LEU:HG	1:60:A:LEU:HD13	2	0.43	0.17	0.43
(6,1795)	1:13:A:ALA:HA	1:80:A:TYR:HD1	2	0.43	0.07	0.43
(6,1795)	1:13:A:ALA:HA	1:80:A:TYR:HD2	2	0.43	0.07	0.43
(9,953)	1:40:A:LEU:HA	1:43:A:MET:HG3	2	0.43	0.32	0.43
(13,933)	1:40:A:LEU:HA	1:43:A:MET:HG3	2	0.43	0.32	0.43
(13,1343)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	2	0.43	0.18	0.43
(13,1343)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	2	0.43	0.18	0.43
(13,1343)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	2	0.43	0.18	0.43
(17,2163)	1:43:A:MET:HB3	1:134:A:VAL:HG11	2	0.43	0.17	0.43
(17,2163)	1:43:A:MET:HB3	1:134:A:VAL:HG12	2	0.43	0.17	0.43
(17,2163)	1:43:A:MET:HB3	1:134:A:VAL:HG13	2	0.43	0.17	0.43
(17,2163)	1:43:A:MET:HB3	1:134:A:VAL:HG21	2	0.43	0.17	0.43
(17,2163)	1:43:A:MET:HB3	1:134:A:VAL:HG22	2	0.43	0.17	0.43
(17,2163)	1:43:A:MET:HB3	1:134:A:VAL:HG23	2	0.43	0.17	0.43
(18,1365)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	2	0.43	0.18	0.43
(18,1365)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	2	0.43	0.18	0.43
(18,1365)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	2	0.43	0.18	0.43
(29,960)	1:40:A:LEU:HA	1:43:A:MET:HG3	2	0.43	0.32	0.43
(32,923)	1:40:A:LEU:HA	1:43:A:MET:HG3	2	0.43	0.32	0.43
(32,1705)	1:36:A:PRO:HA	1:37:A:LEU:HD21	2	0.43	0.04	0.43
(32,1705)	1:36:A:PRO:HA	1:37:A:LEU:HD22	2	0.43	0.04	0.43
(32,1705)	1:36:A:PRO:HA	1:37:A:LEU:HD23	2	0.43	0.04	0.43
(34,972)	1:40:A:LEU:HA	1:43:A:MET:HG3	2	0.43	0.32	0.43
(34,1155)	1:57:A:LEU:HG	1:60:A:LEU:HD11	2	0.43	0.17	0.43
(34,1155)	1:57:A:LEU:HG	1:60:A:LEU:HD12	2	0.43	0.17	0.43
(34,1155)	1:57:A:LEU:HG	1:60:A:LEU:HD13	2	0.43	0.17	0.43
(1,984)	1:11:A:ILE:HD11	1:43:A:MET:HB3	2	0.42	0.17	0.42
(1,984)	1:11:A:ILE:HD12	1:43:A:MET:HB3	2	0.42	0.17	0.42
(1,984)	1:11:A:ILE:HD13	1:43:A:MET:HB3	2	0.42	0.17	0.42
(1,1949)	1:11:A:ILE:HB	1:40:A:LEU:HD11	2	0.42	0.21	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1949)	1:11:A:ILE:HB	1:40:A:LEU:HD12	2	0.42	0.21	0.42
(1,1949)	1:11:A:ILE:HB	1:40:A:LEU:HD13	2	0.42	0.21	0.42
(1,1949)	1:11:A:ILE:HB	1:40:A:LEU:HD21	2	0.42	0.21	0.42
(1,1949)	1:11:A:ILE:HB	1:40:A:LEU:HD22	2	0.42	0.21	0.42
(1,1949)	1:11:A:ILE:HB	1:40:A:LEU:HD23	2	0.42	0.21	0.42
(11,2027)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	2	0.42	0.0	0.42
(11,2027)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	2	0.42	0.0	0.42
(11,2027)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	2	0.42	0.0	0.42
(11,2027)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	2	0.42	0.0	0.42
(11,2027)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	2	0.42	0.0	0.42
(11,2027)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	2	0.42	0.0	0.42
(11,2027)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	2	0.42	0.0	0.42
(11,2027)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	2	0.42	0.0	0.42
(11,2027)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	2	0.42	0.0	0.42
(11,2027)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	2	0.42	0.0	0.42
(11,2027)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	2	0.42	0.0	0.42
(11,2027)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	2	0.42	0.0	0.42
(11,2027)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	2	0.42	0.0	0.42
(11,2027)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	2	0.42	0.0	0.42
(11,2027)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	2	0.42	0.0	0.42
(11,2027)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	2	0.42	0.0	0.42
(11,2027)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	2	0.42	0.0	0.42
(11,2027)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	2	0.42	0.0	0.42
(18,976)	1:11:A:ILE:HD11	1:43:A:MET:HB3	2	0.42	0.17	0.42
(18,976)	1:11:A:ILE:HD12	1:43:A:MET:HB3	2	0.42	0.17	0.42
(18,976)	1:11:A:ILE:HD13	1:43:A:MET:HB3	2	0.42	0.17	0.42
(29,1974)	1:11:A:ILE:HB	1:40:A:LEU:HD11	2	0.42	0.21	0.42
(29,1974)	1:11:A:ILE:HB	1:40:A:LEU:HD12	2	0.42	0.21	0.42
(29,1974)	1:11:A:ILE:HB	1:40:A:LEU:HD13	2	0.42	0.21	0.42
(29,1974)	1:11:A:ILE:HB	1:40:A:LEU:HD21	2	0.42	0.21	0.42
(29,1974)	1:11:A:ILE:HB	1:40:A:LEU:HD22	2	0.42	0.21	0.42
(29,1974)	1:11:A:ILE:HB	1:40:A:LEU:HD23	2	0.42	0.21	0.42
(34,1958)	1:11:A:ILE:HB	1:40:A:LEU:HD11	2	0.42	0.21	0.42
(34,1958)	1:11:A:ILE:HB	1:40:A:LEU:HD12	2	0.42	0.21	0.42
(34,1958)	1:11:A:ILE:HB	1:40:A:LEU:HD13	2	0.42	0.21	0.42
(34,1958)	1:11:A:ILE:HB	1:40:A:LEU:HD21	2	0.42	0.21	0.42
(34,1958)	1:11:A:ILE:HB	1:40:A:LEU:HD22	2	0.42	0.21	0.42
(34,1958)	1:11:A:ILE:HB	1:40:A:LEU:HD23	2	0.42	0.21	0.42
(34,2299)	1:98:A:ILE:HG12	1:101:A:ILE:HB	2	0.42	0.2	0.42
(34,2299)	1:98:A:ILE:HG13	1:101:A:ILE:HB	2	0.42	0.2	0.42
(7,31)	1:96:A:VAL:H	1:97:A:ASP:HB2	2	0.42	0.27	0.42
(7,31)	1:96:A:VAL:H	1:97:A:ASP:HB3	2	0.42	0.27	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,32)	1:96:A:VAL:H	1:97:A:ASP:HB2	2	0.42	0.27	0.42
(9,32)	1:96:A:VAL:H	1:97:A:ASP:HB3	2	0.42	0.27	0.42
(13,2087)	1:42:A:GLU:H	1:139:A:LEU:HD11	2	0.42	0.15	0.42
(13,2087)	1:42:A:GLU:H	1:139:A:LEU:HD12	2	0.42	0.15	0.42
(13,2087)	1:42:A:GLU:H	1:139:A:LEU:HD13	2	0.42	0.15	0.42
(13,2087)	1:42:A:GLU:H	1:139:A:LEU:HD21	2	0.42	0.15	0.42
(13,2087)	1:42:A:GLU:H	1:139:A:LEU:HD22	2	0.42	0.15	0.42
(13,2087)	1:42:A:GLU:H	1:139:A:LEU:HD23	2	0.42	0.15	0.42
(16,33)	1:96:A:VAL:H	1:97:A:ASP:HB2	2	0.42	0.27	0.42
(16,33)	1:96:A:VAL:H	1:97:A:ASP:HB3	2	0.42	0.27	0.42
(18,34)	1:96:A:VAL:H	1:97:A:ASP:HB2	2	0.42	0.27	0.42
(18,34)	1:96:A:VAL:H	1:97:A:ASP:HB3	2	0.42	0.27	0.42
(29,35)	1:96:A:VAL:H	1:97:A:ASP:HB2	2	0.42	0.27	0.42
(29,35)	1:96:A:VAL:H	1:97:A:ASP:HB3	2	0.42	0.27	0.42
(29,1809)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	2	0.42	0.3	0.42
(29,1809)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	2	0.42	0.3	0.42
(29,1809)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	2	0.42	0.3	0.42
(29,1809)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	2	0.42	0.3	0.42
(29,1809)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	2	0.42	0.3	0.42
(29,1809)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	2	0.42	0.3	0.42
(29,1809)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	2	0.42	0.3	0.42
(29,1809)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	2	0.42	0.3	0.42
(29,1809)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	2	0.42	0.3	0.42
(29,1809)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	2	0.42	0.3	0.42
(29,1809)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	2	0.42	0.3	0.42
(29,1809)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	2	0.42	0.3	0.42
(1,2055)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	2	0.41	0.22	0.41
(1,2055)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	2	0.41	0.22	0.41
(1,2055)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	2	0.41	0.22	0.41
(1,2055)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	2	0.41	0.22	0.41
(1,2055)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	2	0.41	0.22	0.41
(1,2055)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	2	0.41	0.22	0.41
(1,2055)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	2	0.41	0.22	0.41
(1,2055)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	2	0.41	0.22	0.41
(1,2055)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	2	0.41	0.22	0.41
(1,2055)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	2	0.41	0.22	0.41
(1,2055)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	2	0.41	0.22	0.41
(1,2055)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	2	0.41	0.22	0.41
(17,967)	1:43:A:MET:HB3	1:140:A:LEU:HD11	2	0.41	0.26	0.41
(17,967)	1:43:A:MET:HB3	1:140:A:LEU:HD12	2	0.41	0.26	0.41
(17,967)	1:43:A:MET:HB3	1:140:A:LEU:HD13	2	0.41	0.26	0.41
(17,1217)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	2	0.41	0.25	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,1217)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	2	0.41	0.25	0.41
(17,1217)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	2	0.41	0.25	0.41
(17,1217)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	2	0.41	0.25	0.41
(17,1217)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	2	0.41	0.25	0.41
(17,1217)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	2	0.41	0.25	0.41
(18,2092)	1:38:A:GLU:HA	1:139:A:LEU:HD11	2	0.41	0.23	0.41
(18,2092)	1:38:A:GLU:HA	1:139:A:LEU:HD12	2	0.41	0.23	0.41
(18,2092)	1:38:A:GLU:HA	1:139:A:LEU:HD13	2	0.41	0.23	0.41
(18,2092)	1:38:A:GLU:HA	1:139:A:LEU:HD21	2	0.41	0.23	0.41
(18,2092)	1:38:A:GLU:HA	1:139:A:LEU:HD22	2	0.41	0.23	0.41
(18,2092)	1:38:A:GLU:HA	1:139:A:LEU:HD23	2	0.41	0.23	0.41
(30,937)	1:14:A:VAL:HA	1:18:A:PHE:HD1	2	0.41	0.24	0.41
(30,937)	1:14:A:VAL:HA	1:18:A:PHE:HD2	2	0.41	0.24	0.41
(2,2466)	1:141:A:LYS:HA	1:148:A:CYS:HB2	2	0.41	0.17	0.41
(2,2466)	1:141:A:LYS:HA	1:148:A:CYS:HB3	2	0.41	0.17	0.41
(3,1173)	1:116:A:GLN:HA	1:119:A:LEU:HG	2	0.41	0.18	0.41
(5,2453)	1:141:A:LYS:HA	1:148:A:CYS:HB2	2	0.41	0.17	0.41
(5,2453)	1:141:A:LYS:HA	1:148:A:CYS:HB3	2	0.41	0.17	0.41
(7,948)	1:11:A:ILE:HD11	1:43:A:MET:HB3	2	0.41	0.17	0.41
(7,948)	1:11:A:ILE:HD12	1:43:A:MET:HB3	2	0.41	0.17	0.41
(7,948)	1:11:A:ILE:HD13	1:43:A:MET:HB3	2	0.41	0.17	0.41
(15,2471)	1:141:A:LYS:HA	1:148:A:CYS:HB2	2	0.41	0.17	0.41
(15,2471)	1:141:A:LYS:HA	1:148:A:CYS:HB3	2	0.41	0.17	0.41
(17,2461)	1:141:A:LYS:HA	1:148:A:CYS:HB2	2	0.41	0.17	0.41
(17,2461)	1:141:A:LYS:HA	1:148:A:CYS:HB3	2	0.41	0.17	0.41
(18,1155)	1:116:A:GLN:HA	1:119:A:LEU:HG	2	0.41	0.18	0.41
(30,1662)	1:69:A:MET:HE1	1:117:A:VAL:HG21	2	0.41	0.06	0.41
(30,1662)	1:69:A:MET:HE1	1:117:A:VAL:HG22	2	0.41	0.06	0.41
(30,1662)	1:69:A:MET:HE1	1:117:A:VAL:HG23	2	0.41	0.06	0.41
(30,1662)	1:69:A:MET:HE2	1:117:A:VAL:HG21	2	0.41	0.06	0.41
(30,1662)	1:69:A:MET:HE2	1:117:A:VAL:HG22	2	0.41	0.06	0.41
(30,1662)	1:69:A:MET:HE2	1:117:A:VAL:HG23	2	0.41	0.06	0.41
(30,1662)	1:69:A:MET:HE3	1:117:A:VAL:HG21	2	0.41	0.06	0.41
(30,1662)	1:69:A:MET:HE3	1:117:A:VAL:HG22	2	0.41	0.06	0.41
(30,1662)	1:69:A:MET:HE3	1:117:A:VAL:HG23	2	0.41	0.06	0.41
(30,2006)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	2	0.41	0.0	0.41
(30,2006)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	2	0.41	0.0	0.41
(30,2006)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	2	0.41	0.0	0.41
(30,2006)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	2	0.41	0.0	0.41
(30,2006)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	2	0.41	0.0	0.41
(30,2006)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	2	0.41	0.0	0.41
(30,2006)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	2	0.41	0.0	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,2006)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	2	0.41	0.0	0.41
(30,2006)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	2	0.41	0.0	0.41
(30,2006)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	2	0.41	0.0	0.41
(30,2006)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	2	0.41	0.0	0.41
(30,2006)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	2	0.41	0.0	0.41
(30,2006)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	2	0.41	0.0	0.41
(30,2006)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	2	0.41	0.0	0.41
(30,2006)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	2	0.41	0.0	0.41
(30,2006)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	2	0.41	0.0	0.41
(30,2006)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	2	0.41	0.0	0.41
(30,2006)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	2	0.41	0.0	0.41
(1,1689)	1:125:A:THR:HA	1:128:A:LEU:HA	2	0.4	0.06	0.4
(3,1705)	1:125:A:THR:HA	1:128:A:LEU:HA	2	0.4	0.06	0.4
(5,1698)	1:125:A:THR:HA	1:128:A:LEU:HA	2	0.4	0.06	0.4
(6,1679)	1:125:A:THR:HA	1:128:A:LEU:HA	2	0.4	0.06	0.4
(6,2135)	1:42:A:GLU:H	1:139:A:LEU:HD11	2	0.4	0.16	0.4
(6,2135)	1:42:A:GLU:H	1:139:A:LEU:HD12	2	0.4	0.16	0.4
(6,2135)	1:42:A:GLU:H	1:139:A:LEU:HD13	2	0.4	0.16	0.4
(6,2135)	1:42:A:GLU:H	1:139:A:LEU:HD21	2	0.4	0.16	0.4
(6,2135)	1:42:A:GLU:H	1:139:A:LEU:HD22	2	0.4	0.16	0.4
(6,2135)	1:42:A:GLU:H	1:139:A:LEU:HD23	2	0.4	0.16	0.4
(7,1645)	1:125:A:THR:HA	1:128:A:LEU:HA	2	0.4	0.06	0.4
(9,1669)	1:125:A:THR:HA	1:128:A:LEU:HA	2	0.4	0.06	0.4
(9,2116)	1:42:A:GLU:H	1:139:A:LEU:HD11	2	0.4	0.16	0.4
(9,2116)	1:42:A:GLU:H	1:139:A:LEU:HD12	2	0.4	0.16	0.4
(9,2116)	1:42:A:GLU:H	1:139:A:LEU:HD13	2	0.4	0.16	0.4
(9,2116)	1:42:A:GLU:H	1:139:A:LEU:HD21	2	0.4	0.16	0.4
(9,2116)	1:42:A:GLU:H	1:139:A:LEU:HD22	2	0.4	0.16	0.4
(9,2116)	1:42:A:GLU:H	1:139:A:LEU:HD23	2	0.4	0.16	0.4
(11,1712)	1:125:A:THR:HA	1:128:A:LEU:HA	2	0.4	0.06	0.4
(13,1644)	1:125:A:THR:HA	1:128:A:LEU:HA	2	0.4	0.06	0.4
(15,1671)	1:125:A:THR:HA	1:128:A:LEU:HA	2	0.4	0.06	0.4
(16,1669)	1:125:A:THR:HA	1:128:A:LEU:HA	2	0.4	0.06	0.4
(17,1694)	1:125:A:THR:HA	1:128:A:LEU:HA	2	0.4	0.06	0.4
(18,1664)	1:125:A:THR:HA	1:128:A:LEU:HA	2	0.4	0.06	0.4
(30,1681)	1:125:A:THR:HA	1:128:A:LEU:HA	2	0.4	0.06	0.4
(32,1632)	1:125:A:THR:HA	1:128:A:LEU:HA	2	0.4	0.06	0.4
(33,1667)	1:125:A:THR:HA	1:128:A:LEU:HA	2	0.4	0.06	0.4
(30,1976)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	2	0.4	0.3	0.4
(30,1976)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	2	0.4	0.3	0.4
(30,1976)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	2	0.4	0.3	0.4
(30,1976)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	2	0.4	0.3	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,1976)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	2	0.4	0.3	0.4
(30,1976)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	2	0.4	0.3	0.4
(30,1976)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	2	0.4	0.3	0.4
(30,1976)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	2	0.4	0.3	0.4
(30,1976)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	2	0.4	0.3	0.4
(30,1976)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	2	0.4	0.3	0.4
(30,1976)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	2	0.4	0.3	0.4
(30,1976)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	2	0.4	0.3	0.4
(1,812)	1:55:A:GLY:H	1:58:A:ILE:HD11	2	0.4	0.03	0.4
(1,812)	1:55:A:GLY:H	1:58:A:ILE:HD12	2	0.4	0.03	0.4
(1,812)	1:55:A:GLY:H	1:58:A:ILE:HD13	2	0.4	0.03	0.4
(1,2037)	1:27:A:ARG:HB2	1:27:A:ARG:HE	2	0.4	0.11	0.4
(1,2037)	1:27:A:ARG:HB3	1:27:A:ARG:HE	2	0.4	0.11	0.4
(4,1869)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	2	0.4	0.06	0.4
(4,1869)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	2	0.4	0.06	0.4
(4,1869)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	2	0.4	0.06	0.4
(4,1869)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	2	0.4	0.06	0.4
(4,1869)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	2	0.4	0.06	0.4
(4,1869)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	2	0.4	0.06	0.4
(5,161)	1:94:A:ALA:HB1	1:95:A:ILE:H	2	0.4	0.15	0.4
(5,161)	1:94:A:ALA:HB2	1:95:A:ILE:H	2	0.4	0.15	0.4
(5,161)	1:94:A:ALA:HB3	1:95:A:ILE:H	2	0.4	0.15	0.4
(7,857)	1:56:A:CYS:H	1:122:A:ASP:HB3	2	0.4	0.11	0.4
(9,1922)	1:9:A:PHE:HD1	1:40:A:LEU:HD11	2	0.4	0.1	0.4
(9,1922)	1:9:A:PHE:HD1	1:40:A:LEU:HD12	2	0.4	0.1	0.4
(9,1922)	1:9:A:PHE:HD1	1:40:A:LEU:HD13	2	0.4	0.1	0.4
(9,1922)	1:9:A:PHE:HD1	1:40:A:LEU:HD21	2	0.4	0.1	0.4
(9,1922)	1:9:A:PHE:HD1	1:40:A:LEU:HD22	2	0.4	0.1	0.4
(9,1922)	1:9:A:PHE:HD1	1:40:A:LEU:HD23	2	0.4	0.1	0.4
(9,1922)	1:9:A:PHE:HD2	1:40:A:LEU:HD11	2	0.4	0.1	0.4
(9,1922)	1:9:A:PHE:HD2	1:40:A:LEU:HD12	2	0.4	0.1	0.4
(9,1922)	1:9:A:PHE:HD2	1:40:A:LEU:HD13	2	0.4	0.1	0.4
(9,1922)	1:9:A:PHE:HD2	1:40:A:LEU:HD21	2	0.4	0.1	0.4
(9,1922)	1:9:A:PHE:HD2	1:40:A:LEU:HD22	2	0.4	0.1	0.4
(9,1922)	1:9:A:PHE:HD2	1:40:A:LEU:HD23	2	0.4	0.1	0.4
(13,2345)	1:115:A:ALA:HB1	1:116:A:GLN:HG2	2	0.4	0.0	0.4
(13,2345)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	2	0.4	0.0	0.4
(13,2345)	1:115:A:ALA:HB2	1:116:A:GLN:HG2	2	0.4	0.0	0.4
(13,2345)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	2	0.4	0.0	0.4
(13,2345)	1:115:A:ALA:HB3	1:116:A:GLN:HG2	2	0.4	0.0	0.4
(13,2345)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	2	0.4	0.0	0.4
(15,1521)	1:66:A:THR:HG21	1:69:A:MET:HE1	2	0.4	0.02	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,1521)	1:66:A:THR:HG21	1:69:A:MET:HE2	2	0.4	0.02	0.4
(15,1521)	1:66:A:THR:HG21	1:69:A:MET:HE3	2	0.4	0.02	0.4
(15,1521)	1:66:A:THR:HG22	1:69:A:MET:HE1	2	0.4	0.02	0.4
(15,1521)	1:66:A:THR:HG22	1:69:A:MET:HE2	2	0.4	0.02	0.4
(15,1521)	1:66:A:THR:HG22	1:69:A:MET:HE3	2	0.4	0.02	0.4
(15,1521)	1:66:A:THR:HG23	1:69:A:MET:HE1	2	0.4	0.02	0.4
(15,1521)	1:66:A:THR:HG23	1:69:A:MET:HE2	2	0.4	0.02	0.4
(15,1521)	1:66:A:THR:HG23	1:69:A:MET:HE3	2	0.4	0.02	0.4
(15,2033)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	2	0.4	0.22	0.4
(15,2033)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	2	0.4	0.22	0.4
(15,2033)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	2	0.4	0.22	0.4
(15,2033)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	2	0.4	0.22	0.4
(15,2033)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	2	0.4	0.22	0.4
(15,2033)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	2	0.4	0.22	0.4
(15,2033)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	2	0.4	0.22	0.4
(15,2033)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	2	0.4	0.22	0.4
(15,2033)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	2	0.4	0.22	0.4
(15,2033)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	2	0.4	0.22	0.4
(15,2033)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	2	0.4	0.22	0.4
(15,2033)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	2	0.4	0.22	0.4
(17,1551)	1:66:A:THR:HG21	1:69:A:MET:HE1	2	0.4	0.02	0.4
(17,1551)	1:66:A:THR:HG21	1:69:A:MET:HE2	2	0.4	0.02	0.4
(17,1551)	1:66:A:THR:HG21	1:69:A:MET:HE3	2	0.4	0.02	0.4
(17,1551)	1:66:A:THR:HG22	1:69:A:MET:HE1	2	0.4	0.02	0.4
(17,1551)	1:66:A:THR:HG22	1:69:A:MET:HE2	2	0.4	0.02	0.4
(17,1551)	1:66:A:THR:HG22	1:69:A:MET:HE3	2	0.4	0.02	0.4
(17,1551)	1:66:A:THR:HG23	1:69:A:MET:HE1	2	0.4	0.02	0.4
(17,1551)	1:66:A:THR:HG23	1:69:A:MET:HE2	2	0.4	0.02	0.4
(17,1551)	1:66:A:THR:HG23	1:69:A:MET:HE3	2	0.4	0.02	0.4
(18,2348)	1:116:A:GLN:HG2	1:119:A:LEU:HD11	2	0.4	0.11	0.4
(18,2348)	1:116:A:GLN:HG2	1:119:A:LEU:HD12	2	0.4	0.11	0.4
(18,2348)	1:116:A:GLN:HG2	1:119:A:LEU:HD13	2	0.4	0.11	0.4
(18,2348)	1:116:A:GLN:HG2	1:119:A:LEU:HD21	2	0.4	0.11	0.4
(18,2348)	1:116:A:GLN:HG2	1:119:A:LEU:HD22	2	0.4	0.11	0.4
(18,2348)	1:116:A:GLN:HG2	1:119:A:LEU:HD23	2	0.4	0.11	0.4
(34,2415)	1:127:A:CYS:H	1:129:A:LYS:HG2	2	0.4	0.15	0.4
(34,2415)	1:127:A:CYS:H	1:129:A:LYS:HG3	2	0.4	0.15	0.4
(1,1518)	1:12:A:VAL:HA	1:43:A:MET:HE1	2	0.4	0.17	0.4
(1,1518)	1:12:A:VAL:HA	1:43:A:MET:HE2	2	0.4	0.17	0.4
(1,1518)	1:12:A:VAL:HA	1:43:A:MET:HE3	2	0.4	0.17	0.4
(2,1509)	1:12:A:VAL:HA	1:43:A:MET:HE1	2	0.4	0.17	0.4
(2,1509)	1:12:A:VAL:HA	1:43:A:MET:HE2	2	0.4	0.17	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,1509)	1:12:A:VAL:HA	1:43:A:MET:HE3	2	0.4	0.17	0.4
(3,1529)	1:12:A:VAL:HA	1:43:A:MET:HE1	2	0.4	0.17	0.4
(3,1529)	1:12:A:VAL:HA	1:43:A:MET:HE2	2	0.4	0.17	0.4
(3,1529)	1:12:A:VAL:HA	1:43:A:MET:HE3	2	0.4	0.17	0.4
(4,1487)	1:12:A:VAL:HA	1:43:A:MET:HE1	2	0.4	0.17	0.4
(4,1487)	1:12:A:VAL:HA	1:43:A:MET:HE2	2	0.4	0.17	0.4
(4,1487)	1:12:A:VAL:HA	1:43:A:MET:HE3	2	0.4	0.17	0.4
(5,1523)	1:12:A:VAL:HA	1:43:A:MET:HE1	2	0.4	0.17	0.4
(5,1523)	1:12:A:VAL:HA	1:43:A:MET:HE2	2	0.4	0.17	0.4
(5,1523)	1:12:A:VAL:HA	1:43:A:MET:HE3	2	0.4	0.17	0.4
(9,1502)	1:12:A:VAL:HA	1:43:A:MET:HE1	2	0.4	0.17	0.4
(9,1502)	1:12:A:VAL:HA	1:43:A:MET:HE2	2	0.4	0.17	0.4
(9,1502)	1:12:A:VAL:HA	1:43:A:MET:HE3	2	0.4	0.17	0.4
(11,1527)	1:12:A:VAL:HA	1:43:A:MET:HE1	2	0.4	0.17	0.4
(11,1527)	1:12:A:VAL:HA	1:43:A:MET:HE2	2	0.4	0.17	0.4
(11,1527)	1:12:A:VAL:HA	1:43:A:MET:HE3	2	0.4	0.17	0.4
(13,1480)	1:12:A:VAL:HA	1:43:A:MET:HE1	2	0.4	0.17	0.4
(13,1480)	1:12:A:VAL:HA	1:43:A:MET:HE2	2	0.4	0.17	0.4
(13,1480)	1:12:A:VAL:HA	1:43:A:MET:HE3	2	0.4	0.17	0.4
(15,1497)	1:12:A:VAL:HA	1:43:A:MET:HE1	2	0.4	0.17	0.4
(15,1497)	1:12:A:VAL:HA	1:43:A:MET:HE2	2	0.4	0.17	0.4
(15,1497)	1:12:A:VAL:HA	1:43:A:MET:HE3	2	0.4	0.17	0.4
(16,1507)	1:12:A:VAL:HA	1:43:A:MET:HE1	2	0.4	0.17	0.4
(16,1507)	1:12:A:VAL:HA	1:43:A:MET:HE2	2	0.4	0.17	0.4
(16,1507)	1:12:A:VAL:HA	1:43:A:MET:HE3	2	0.4	0.17	0.4
(17,1529)	1:12:A:VAL:HA	1:43:A:MET:HE1	2	0.4	0.17	0.4
(17,1529)	1:12:A:VAL:HA	1:43:A:MET:HE2	2	0.4	0.17	0.4
(17,1529)	1:12:A:VAL:HA	1:43:A:MET:HE3	2	0.4	0.17	0.4
(18,1497)	1:12:A:VAL:HA	1:43:A:MET:HE1	2	0.4	0.17	0.4
(18,1497)	1:12:A:VAL:HA	1:43:A:MET:HE2	2	0.4	0.17	0.4
(18,1497)	1:12:A:VAL:HA	1:43:A:MET:HE3	2	0.4	0.17	0.4
(29,1519)	1:12:A:VAL:HA	1:43:A:MET:HE1	2	0.4	0.17	0.4
(29,1519)	1:12:A:VAL:HA	1:43:A:MET:HE2	2	0.4	0.17	0.4
(29,1519)	1:12:A:VAL:HA	1:43:A:MET:HE3	2	0.4	0.17	0.4
(30,1505)	1:12:A:VAL:HA	1:43:A:MET:HE1	2	0.4	0.17	0.4
(30,1505)	1:12:A:VAL:HA	1:43:A:MET:HE2	2	0.4	0.17	0.4
(30,1505)	1:12:A:VAL:HA	1:43:A:MET:HE3	2	0.4	0.17	0.4
(32,1465)	1:12:A:VAL:HA	1:43:A:MET:HE1	2	0.4	0.17	0.4
(32,1465)	1:12:A:VAL:HA	1:43:A:MET:HE2	2	0.4	0.17	0.4
(32,1465)	1:12:A:VAL:HA	1:43:A:MET:HE3	2	0.4	0.17	0.4
(33,967)	1:11:A:ILE:HD11	1:43:A:MET:HB3	2	0.4	0.17	0.4
(33,967)	1:11:A:ILE:HD12	1:43:A:MET:HB3	2	0.4	0.17	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,967)	1:11:A:ILE:HD13	1:43:A:MET:HB3	2	0.4	0.17	0.4
(33,1499)	1:12:A:VAL:HA	1:43:A:MET:HE1	2	0.4	0.17	0.4
(33,1499)	1:12:A:VAL:HA	1:43:A:MET:HE2	2	0.4	0.17	0.4
(33,1499)	1:12:A:VAL:HA	1:43:A:MET:HE3	2	0.4	0.17	0.4
(34,1522)	1:12:A:VAL:HA	1:43:A:MET:HE1	2	0.4	0.17	0.4
(34,1522)	1:12:A:VAL:HA	1:43:A:MET:HE2	2	0.4	0.17	0.4
(34,1522)	1:12:A:VAL:HA	1:43:A:MET:HE3	2	0.4	0.17	0.4
(1,748)	1:45:A:ALA:H	1:46:A:ASN:HD22	2	0.4	0.24	0.4
(2,384)	1:106:A:ASP:H	1:112:A:GLN:HE21	2	0.4	0.06	0.4
(2,728)	1:45:A:ALA:H	1:46:A:ASN:HD22	2	0.4	0.24	0.4
(2,1292)	1:66:A:THR:HG21	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(2,1292)	1:66:A:THR:HG21	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(2,1292)	1:66:A:THR:HG22	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(2,1292)	1:66:A:THR:HG22	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(2,1292)	1:66:A:THR:HG23	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(2,1292)	1:66:A:THR:HG23	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(3,746)	1:45:A:ALA:H	1:46:A:ASN:HD22	2	0.4	0.24	0.4
(3,1320)	1:66:A:THR:HG21	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(3,1320)	1:66:A:THR:HG21	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(3,1320)	1:66:A:THR:HG22	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(3,1320)	1:66:A:THR:HG22	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(3,1320)	1:66:A:THR:HG23	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(3,1320)	1:66:A:THR:HG23	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(3,1543)	1:69:A:MET:HE1	1:116:A:GLN:HE22	2	0.4	0.15	0.4
(3,1543)	1:69:A:MET:HE2	1:116:A:GLN:HE22	2	0.4	0.15	0.4
(3,1543)	1:69:A:MET:HE3	1:116:A:GLN:HE22	2	0.4	0.15	0.4
(4,725)	1:45:A:ALA:H	1:46:A:ASN:HD22	2	0.4	0.24	0.4
(4,1273)	1:66:A:THR:HG21	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(4,1273)	1:66:A:THR:HG21	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(4,1273)	1:66:A:THR:HG22	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(4,1273)	1:66:A:THR:HG22	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(4,1273)	1:66:A:THR:HG23	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(4,1273)	1:66:A:THR:HG23	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(4,1538)	1:139:A:LEU:HD11	1:142:A:LYS:HE2	2	0.4	0.24	0.4
(4,1538)	1:139:A:LEU:HD11	1:142:A:LYS:HE3	2	0.4	0.24	0.4
(4,1538)	1:139:A:LEU:HD12	1:142:A:LYS:HE2	2	0.4	0.24	0.4
(4,1538)	1:139:A:LEU:HD12	1:142:A:LYS:HE3	2	0.4	0.24	0.4
(4,1538)	1:139:A:LEU:HD13	1:142:A:LYS:HE2	2	0.4	0.24	0.4
(4,1538)	1:139:A:LEU:HD13	1:142:A:LYS:HE3	2	0.4	0.24	0.4
(6,723)	1:45:A:ALA:H	1:46:A:ASN:HD22	2	0.4	0.24	0.4
(6,1283)	1:66:A:THR:HG21	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(6,1283)	1:66:A:THR:HG21	1:104:A:PHE:HE2	2	0.4	0.26	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,1283)	1:66:A:THR:HG22	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(6,1283)	1:66:A:THR:HG22	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(6,1283)	1:66:A:THR:HG23	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(6,1283)	1:66:A:THR:HG23	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(6,1555)	1:139:A:LEU:HD11	1:142:A:LYS:HE2	2	0.4	0.24	0.4
(6,1555)	1:139:A:LEU:HD11	1:142:A:LYS:HE3	2	0.4	0.24	0.4
(6,1555)	1:139:A:LEU:HD12	1:142:A:LYS:HE2	2	0.4	0.24	0.4
(6,1555)	1:139:A:LEU:HD12	1:142:A:LYS:HE3	2	0.4	0.24	0.4
(6,1555)	1:139:A:LEU:HD13	1:142:A:LYS:HE2	2	0.4	0.24	0.4
(6,1555)	1:139:A:LEU:HD13	1:142:A:LYS:HE3	2	0.4	0.24	0.4
(7,387)	1:106:A:ASP:H	1:112:A:GLN:HE21	2	0.4	0.06	0.4
(7,1277)	1:66:A:THR:HG21	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(7,1277)	1:66:A:THR:HG21	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(7,1277)	1:66:A:THR:HG22	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(7,1277)	1:66:A:THR:HG22	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(7,1277)	1:66:A:THR:HG23	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(7,1277)	1:66:A:THR:HG23	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(9,733)	1:45:A:ALA:H	1:46:A:ASN:HD22	2	0.4	0.24	0.4
(9,1290)	1:66:A:THR:HG21	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(9,1290)	1:66:A:THR:HG21	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(9,1290)	1:66:A:THR:HG22	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(9,1290)	1:66:A:THR:HG22	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(9,1290)	1:66:A:THR:HG23	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(9,1290)	1:66:A:THR:HG23	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(11,733)	1:45:A:ALA:H	1:46:A:ASN:HD22	2	0.4	0.24	0.4
(11,1311)	1:66:A:THR:HG21	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(11,1311)	1:66:A:THR:HG21	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(11,1311)	1:66:A:THR:HG22	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(11,1311)	1:66:A:THR:HG22	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(11,1311)	1:66:A:THR:HG23	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(11,1311)	1:66:A:THR:HG23	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(11,1574)	1:139:A:LEU:HD11	1:142:A:LYS:HE2	2	0.4	0.24	0.4
(11,1574)	1:139:A:LEU:HD11	1:142:A:LYS:HE3	2	0.4	0.24	0.4
(11,1574)	1:139:A:LEU:HD12	1:142:A:LYS:HE2	2	0.4	0.24	0.4
(11,1574)	1:139:A:LEU:HD12	1:142:A:LYS:HE3	2	0.4	0.24	0.4
(11,1574)	1:139:A:LEU:HD13	1:142:A:LYS:HE2	2	0.4	0.24	0.4
(11,1574)	1:139:A:LEU:HD13	1:142:A:LYS:HE3	2	0.4	0.24	0.4
(13,38)	1:43:A:MET:HA	1:47:A:ALA:H	2	0.4	0.06	0.4
(13,718)	1:45:A:ALA:H	1:46:A:ASN:HD22	2	0.4	0.24	0.4
(13,1268)	1:66:A:THR:HG21	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(13,1268)	1:66:A:THR:HG21	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(13,1268)	1:66:A:THR:HG22	1:104:A:PHE:HE1	2	0.4	0.26	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1268)	1:66:A:THR:HG22	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(13,1268)	1:66:A:THR:HG23	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(13,1268)	1:66:A:THR:HG23	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(13,1524)	1:139:A:LEU:HD11	1:142:A:LYS:HE2	2	0.4	0.24	0.4
(13,1524)	1:139:A:LEU:HD11	1:142:A:LYS:HE3	2	0.4	0.24	0.4
(13,1524)	1:139:A:LEU:HD12	1:142:A:LYS:HE2	2	0.4	0.24	0.4
(13,1524)	1:139:A:LEU:HD12	1:142:A:LYS:HE3	2	0.4	0.24	0.4
(13,1524)	1:139:A:LEU:HD13	1:142:A:LYS:HE2	2	0.4	0.24	0.4
(13,1524)	1:139:A:LEU:HD13	1:142:A:LYS:HE3	2	0.4	0.24	0.4
(13,1626)	1:69:A:MET:HE1	1:116:A:GLN:HE22	2	0.4	0.15	0.4
(13,1626)	1:69:A:MET:HE2	1:116:A:GLN:HE22	2	0.4	0.15	0.4
(13,1626)	1:69:A:MET:HE3	1:116:A:GLN:HE22	2	0.4	0.15	0.4
(15,1544)	1:139:A:LEU:HD11	1:142:A:LYS:HE2	2	0.4	0.24	0.4
(15,1544)	1:139:A:LEU:HD11	1:142:A:LYS:HE3	2	0.4	0.24	0.4
(15,1544)	1:139:A:LEU:HD12	1:142:A:LYS:HE2	2	0.4	0.24	0.4
(15,1544)	1:139:A:LEU:HD12	1:142:A:LYS:HE3	2	0.4	0.24	0.4
(15,1544)	1:139:A:LEU:HD13	1:142:A:LYS:HE2	2	0.4	0.24	0.4
(15,1544)	1:139:A:LEU:HD13	1:142:A:LYS:HE3	2	0.4	0.24	0.4
(16,1296)	1:66:A:THR:HG21	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(16,1296)	1:66:A:THR:HG21	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(16,1296)	1:66:A:THR:HG22	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(16,1296)	1:66:A:THR:HG22	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(16,1296)	1:66:A:THR:HG23	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(16,1296)	1:66:A:THR:HG23	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(17,380)	1:106:A:ASP:H	1:112:A:GLN:HE21	2	0.4	0.06	0.4
(17,1302)	1:66:A:THR:HG21	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(17,1302)	1:66:A:THR:HG21	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(17,1302)	1:66:A:THR:HG22	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(17,1302)	1:66:A:THR:HG22	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(17,1302)	1:66:A:THR:HG23	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(17,1302)	1:66:A:THR:HG23	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(18,749)	1:45:A:ALA:H	1:46:A:ASN:HD22	2	0.4	0.24	0.4
(30,389)	1:106:A:ASP:H	1:112:A:GLN:HE21	2	0.4	0.06	0.4
(30,731)	1:45:A:ALA:H	1:46:A:ASN:HD22	2	0.4	0.24	0.4
(30,1288)	1:66:A:THR:HG21	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(30,1288)	1:66:A:THR:HG21	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(30,1288)	1:66:A:THR:HG22	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(30,1288)	1:66:A:THR:HG22	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(30,1288)	1:66:A:THR:HG23	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(30,1288)	1:66:A:THR:HG23	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(32,719)	1:45:A:ALA:H	1:46:A:ASN:HD22	2	0.4	0.24	0.4
(32,1516)	1:139:A:LEU:HD11	1:142:A:LYS:HE2	2	0.4	0.24	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,1516)	1:139:A:LEU:HD11	1:142:A:LYS:HE3	2	0.4	0.24	0.4
(32,1516)	1:139:A:LEU:HD12	1:142:A:LYS:HE2	2	0.4	0.24	0.4
(32,1516)	1:139:A:LEU:HD12	1:142:A:LYS:HE3	2	0.4	0.24	0.4
(32,1516)	1:139:A:LEU:HD13	1:142:A:LYS:HE2	2	0.4	0.24	0.4
(32,1516)	1:139:A:LEU:HD13	1:142:A:LYS:HE3	2	0.4	0.24	0.4
(33,732)	1:45:A:ALA:H	1:46:A:ASN:HD22	2	0.4	0.24	0.4
(33,1543)	1:139:A:LEU:HD11	1:142:A:LYS:HE2	2	0.4	0.24	0.4
(33,1543)	1:139:A:LEU:HD11	1:142:A:LYS:HE3	2	0.4	0.24	0.4
(33,1543)	1:139:A:LEU:HD12	1:142:A:LYS:HE2	2	0.4	0.24	0.4
(33,1543)	1:139:A:LEU:HD12	1:142:A:LYS:HE3	2	0.4	0.24	0.4
(33,1543)	1:139:A:LEU:HD13	1:142:A:LYS:HE2	2	0.4	0.24	0.4
(33,1543)	1:139:A:LEU:HD13	1:142:A:LYS:HE3	2	0.4	0.24	0.4
(34,739)	1:45:A:ALA:H	1:46:A:ASN:HD22	2	0.4	0.24	0.4
(34,1321)	1:66:A:THR:HG21	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(34,1321)	1:66:A:THR:HG21	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(34,1321)	1:66:A:THR:HG22	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(34,1321)	1:66:A:THR:HG22	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(34,1321)	1:66:A:THR:HG23	1:104:A:PHE:HE1	2	0.4	0.26	0.4
(34,1321)	1:66:A:THR:HG23	1:104:A:PHE:HE2	2	0.4	0.26	0.4
(3,2398)	1:116:A:GLN:HG2	1:119:A:LEU:HD11	2	0.39	0.11	0.39
(3,2398)	1:116:A:GLN:HG2	1:119:A:LEU:HD12	2	0.39	0.11	0.39
(3,2398)	1:116:A:GLN:HG2	1:119:A:LEU:HD13	2	0.39	0.11	0.39
(3,2398)	1:116:A:GLN:HG2	1:119:A:LEU:HD21	2	0.39	0.11	0.39
(3,2398)	1:116:A:GLN:HG2	1:119:A:LEU:HD22	2	0.39	0.11	0.39
(3,2398)	1:116:A:GLN:HG2	1:119:A:LEU:HD23	2	0.39	0.11	0.39
(4,1768)	1:13:A:ALA:HA	1:80:A:TYR:HD1	2	0.39	0.07	0.39
(4,1768)	1:13:A:ALA:HA	1:80:A:TYR:HD2	2	0.39	0.07	0.39
(6,1635)	1:121:A:VAL:H	1:122:A:ASP:HA	2	0.39	0.14	0.39
(11,1669)	1:121:A:VAL:H	1:122:A:ASP:HA	2	0.39	0.14	0.39
(15,2210)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	2	0.39	0.06	0.39
(15,2210)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	2	0.39	0.06	0.39
(15,2210)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	2	0.39	0.06	0.39
(15,2210)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	2	0.39	0.06	0.39
(30,2233)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	2	0.39	0.06	0.39
(30,2233)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	2	0.39	0.06	0.39
(30,2233)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	2	0.39	0.06	0.39
(30,2233)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	2	0.39	0.06	0.39
(32,936)	1:11:A:ILE:HD11	1:43:A:MET:HB3	2	0.39	0.17	0.39
(32,936)	1:11:A:ILE:HD12	1:43:A:MET:HB3	2	0.39	0.17	0.39
(32,936)	1:11:A:ILE:HD13	1:43:A:MET:HB3	2	0.39	0.17	0.39
(34,2085)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	2	0.39	0.07	0.39
(34,2085)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	2	0.39	0.07	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,2085)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	2	0.39	0.07	0.39
(34,2085)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	2	0.39	0.07	0.39
(34,2085)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	2	0.39	0.07	0.39
(34,2085)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	2	0.39	0.07	0.39
(1,290)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.38	0.02	0.38
(2,285)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.38	0.02	0.38
(3,288)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.38	0.02	0.38
(5,283)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.38	0.02	0.38
(7,288)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.38	0.02	0.38
(9,294)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.38	0.02	0.38
(11,289)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.38	0.02	0.38
(13,285)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.38	0.02	0.38
(15,292)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.38	0.02	0.38
(16,292)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.38	0.02	0.38
(17,285)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.38	0.02	0.38
(18,295)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.38	0.02	0.38
(29,287)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.38	0.02	0.38
(30,288)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.38	0.02	0.38
(32,280)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.38	0.02	0.38
(33,284)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.38	0.02	0.38
(1,1523)	1:98:A:ILE:HG21	1:101:A:ILE:HB	2	0.38	0.09	0.38
(1,1523)	1:98:A:ILE:HG22	1:101:A:ILE:HB	2	0.38	0.09	0.38
(1,1523)	1:98:A:ILE:HG23	1:101:A:ILE:HB	2	0.38	0.09	0.38
(5,963)	1:11:A:ILE:HD11	1:43:A:MET:HB3	2	0.38	0.17	0.38
(5,963)	1:11:A:ILE:HD12	1:43:A:MET:HB3	2	0.38	0.17	0.38
(5,963)	1:11:A:ILE:HD13	1:43:A:MET:HB3	2	0.38	0.17	0.38
(5,1784)	1:43:A:MET:H	1:140:A:LEU:HD21	2	0.38	0.23	0.38
(5,1784)	1:43:A:MET:H	1:140:A:LEU:HD22	2	0.38	0.23	0.38
(5,1784)	1:43:A:MET:H	1:140:A:LEU:HD23	2	0.38	0.23	0.38
(6,954)	1:43:A:MET:HB3	1:140:A:LEU:HD11	2	0.38	0.26	0.38
(6,954)	1:43:A:MET:HB3	1:140:A:LEU:HD12	2	0.38	0.26	0.38
(6,954)	1:43:A:MET:HB3	1:140:A:LEU:HD13	2	0.38	0.26	0.38
(6,1225)	1:140:A:LEU:HA	1:140:A:LEU:HD11	2	0.38	0.11	0.38
(6,1225)	1:140:A:LEU:HA	1:140:A:LEU:HD12	2	0.38	0.11	0.38
(6,1225)	1:140:A:LEU:HA	1:140:A:LEU:HD13	2	0.38	0.11	0.38
(9,795)	1:11:A:ILE:HD11	1:47:A:ALA:HB1	2	0.38	0.18	0.38
(9,795)	1:11:A:ILE:HD11	1:47:A:ALA:HB2	2	0.38	0.18	0.38
(9,795)	1:11:A:ILE:HD11	1:47:A:ALA:HB3	2	0.38	0.18	0.38
(9,795)	1:11:A:ILE:HD12	1:47:A:ALA:HB1	2	0.38	0.18	0.38
(9,795)	1:11:A:ILE:HD12	1:47:A:ALA:HB2	2	0.38	0.18	0.38
(9,795)	1:11:A:ILE:HD12	1:47:A:ALA:HB3	2	0.38	0.18	0.38
(9,795)	1:11:A:ILE:HD13	1:47:A:ALA:HB1	2	0.38	0.18	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,795)	1:11:A:ILE:HD13	1:47:A:ALA:HB2	2	0.38	0.18	0.38
(9,795)	1:11:A:ILE:HD13	1:47:A:ALA:HB3	2	0.38	0.18	0.38
(17,806)	1:11:A:ILE:HD11	1:47:A:ALA:HB1	2	0.38	0.18	0.38
(17,806)	1:11:A:ILE:HD11	1:47:A:ALA:HB2	2	0.38	0.18	0.38
(17,806)	1:11:A:ILE:HD11	1:47:A:ALA:HB3	2	0.38	0.18	0.38
(17,806)	1:11:A:ILE:HD12	1:47:A:ALA:HB1	2	0.38	0.18	0.38
(17,806)	1:11:A:ILE:HD12	1:47:A:ALA:HB2	2	0.38	0.18	0.38
(17,806)	1:11:A:ILE:HD12	1:47:A:ALA:HB3	2	0.38	0.18	0.38
(17,806)	1:11:A:ILE:HD13	1:47:A:ALA:HB1	2	0.38	0.18	0.38
(17,806)	1:11:A:ILE:HD13	1:47:A:ALA:HB2	2	0.38	0.18	0.38
(17,806)	1:11:A:ILE:HD13	1:47:A:ALA:HB3	2	0.38	0.18	0.38
(18,1541)	1:118:A:ASP:HB3	1:119:A:LEU:HD21	2	0.38	0.26	0.38
(18,1541)	1:118:A:ASP:HB3	1:119:A:LEU:HD22	2	0.38	0.26	0.38
(18,1541)	1:118:A:ASP:HB3	1:119:A:LEU:HD23	2	0.38	0.26	0.38
(29,907)	1:21:A:THR:HB	1:23:A:LEU:H	2	0.38	0.23	0.38
(7,75)	1:15:A:ALA:HA	1:19:A:ALA:H	2	0.38	0.01	0.38
(30,2198)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	2	0.38	0.09	0.38
(30,2198)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	2	0.38	0.09	0.38
(30,2198)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	2	0.38	0.09	0.38
(30,2198)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	2	0.38	0.09	0.38
(30,2198)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	2	0.38	0.09	0.38
(30,2198)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	2	0.38	0.09	0.38
(1,1911)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	2	0.37	0.18	0.37
(1,1911)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	2	0.37	0.18	0.37
(3,1923)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	2	0.37	0.18	0.37
(3,1923)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	2	0.37	0.18	0.37
(4,1871)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	2	0.37	0.18	0.37
(4,1871)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	2	0.37	0.18	0.37
(6,790)	1:11:A:ILE:HD11	1:47:A:ALA:HB1	2	0.37	0.18	0.37
(6,790)	1:11:A:ILE:HD11	1:47:A:ALA:HB2	2	0.37	0.18	0.37
(6,790)	1:11:A:ILE:HD11	1:47:A:ALA:HB3	2	0.37	0.18	0.37
(6,790)	1:11:A:ILE:HD12	1:47:A:ALA:HB1	2	0.37	0.18	0.37
(6,790)	1:11:A:ILE:HD12	1:47:A:ALA:HB2	2	0.37	0.18	0.37
(6,790)	1:11:A:ILE:HD12	1:47:A:ALA:HB3	2	0.37	0.18	0.37
(6,790)	1:11:A:ILE:HD13	1:47:A:ALA:HB1	2	0.37	0.18	0.37
(6,790)	1:11:A:ILE:HD13	1:47:A:ALA:HB2	2	0.37	0.18	0.37
(6,790)	1:11:A:ILE:HD13	1:47:A:ALA:HB3	2	0.37	0.18	0.37
(7,1864)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	2	0.37	0.18	0.37
(7,1864)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	2	0.37	0.18	0.37
(7,2349)	1:115:A:ALA:HB1	1:116:A:GLN:HG2	2	0.37	0.0	0.37
(7,2349)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	2	0.37	0.0	0.37
(7,2349)	1:115:A:ALA:HB2	1:116:A:GLN:HG2	2	0.37	0.0	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,2349)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	2	0.37	0.0	0.37
(7,2349)	1:115:A:ALA:HB3	1:116:A:GLN:HG2	2	0.37	0.0	0.37
(7,2349)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	2	0.37	0.0	0.37
(9,1059)	1:71:A:LYS:HG3	1:72:A:PHE:HA	2	0.37	0.05	0.37
(11,966)	1:11:A:ILE:HD11	1:43:A:MET:HB3	2	0.37	0.17	0.37
(11,966)	1:11:A:ILE:HD12	1:43:A:MET:HB3	2	0.37	0.17	0.37
(11,966)	1:11:A:ILE:HD13	1:43:A:MET:HB3	2	0.37	0.17	0.37
(15,1876)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	2	0.37	0.18	0.37
(15,1876)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	2	0.37	0.18	0.37
(16,1881)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	2	0.37	0.18	0.37
(16,1881)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	2	0.37	0.18	0.37
(17,1912)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	2	0.37	0.18	0.37
(17,1912)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	2	0.37	0.18	0.37
(18,2109)	1:39:A:VAL:HG11	1:43:A:MET:HB2	2	0.37	0.16	0.37
(18,2109)	1:39:A:VAL:HG12	1:43:A:MET:HB2	2	0.37	0.16	0.37
(18,2109)	1:39:A:VAL:HG13	1:43:A:MET:HB2	2	0.37	0.16	0.37
(18,2109)	1:39:A:VAL:HG21	1:43:A:MET:HB2	2	0.37	0.16	0.37
(18,2109)	1:39:A:VAL:HG22	1:43:A:MET:HB2	2	0.37	0.16	0.37
(18,2109)	1:39:A:VAL:HG23	1:43:A:MET:HB2	2	0.37	0.16	0.37
(29,1914)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	2	0.37	0.18	0.37
(29,1914)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	2	0.37	0.18	0.37
(30,1897)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	2	0.37	0.18	0.37
(30,1897)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	2	0.37	0.18	0.37
(32,1729)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	2	0.37	0.25	0.37
(32,1729)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	2	0.37	0.25	0.37
(32,1729)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	2	0.37	0.25	0.37
(33,1876)	1:14:A:VAL:HA	1:18:A:PHE:HD1	2	0.37	0.24	0.37
(33,1876)	1:14:A:VAL:HA	1:18:A:PHE:HD2	2	0.37	0.24	0.37
(2,1111)	1:66:A:THR:HG21	1:105:A:LYS:HA	2	0.36	0.19	0.36
(2,1111)	1:66:A:THR:HG22	1:105:A:LYS:HA	2	0.36	0.19	0.36
(2,1111)	1:66:A:THR:HG23	1:105:A:LYS:HA	2	0.36	0.19	0.36
(3,42)	1:43:A:MET:HA	1:47:A:ALA:H	2	0.36	0.06	0.36
(9,1057)	1:13:A:ALA:HB1	1:79:A:THR:HA	2	0.36	0.16	0.36
(9,1057)	1:13:A:ALA:HB2	1:79:A:THR:HA	2	0.36	0.16	0.36
(9,1057)	1:13:A:ALA:HB3	1:79:A:THR:HA	2	0.36	0.16	0.36
(16,1949)	1:11:A:ILE:HG12	1:131:A:LEU:HD11	2	0.36	0.04	0.36
(16,1949)	1:11:A:ILE:HG12	1:131:A:LEU:HD12	2	0.36	0.04	0.36
(16,1949)	1:11:A:ILE:HG12	1:131:A:LEU:HD13	2	0.36	0.04	0.36
(16,1949)	1:11:A:ILE:HG12	1:131:A:LEU:HD21	2	0.36	0.04	0.36
(16,1949)	1:11:A:ILE:HG12	1:131:A:LEU:HD22	2	0.36	0.04	0.36
(16,1949)	1:11:A:ILE:HG12	1:131:A:LEU:HD23	2	0.36	0.04	0.36
(16,1949)	1:11:A:ILE:HG13	1:131:A:LEU:HD11	2	0.36	0.04	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1949)	1:11:A:ILE:HG13	1:131:A:LEU:HD12	2	0.36	0.04	0.36
(16,1949)	1:11:A:ILE:HG13	1:131:A:LEU:HD13	2	0.36	0.04	0.36
(16,1949)	1:11:A:ILE:HG13	1:131:A:LEU:HD21	2	0.36	0.04	0.36
(16,1949)	1:11:A:ILE:HG13	1:131:A:LEU:HD22	2	0.36	0.04	0.36
(16,1949)	1:11:A:ILE:HG13	1:131:A:LEU:HD23	2	0.36	0.04	0.36
(3,1610)	1:63:A:ILE:HD11	1:113:A:PHE:HA	2	0.36	0.2	0.36
(3,1610)	1:63:A:ILE:HD12	1:113:A:PHE:HA	2	0.36	0.2	0.36
(3,1610)	1:63:A:ILE:HD13	1:113:A:PHE:HA	2	0.36	0.2	0.36
(7,909)	1:125:A:THR:HB	1:128:A:LEU:HB2	2	0.36	0.19	0.36
(1,1940)	1:9:A:PHE:HE1	1:14:A:VAL:HG11	2	0.36	0.11	0.36
(1,1940)	1:9:A:PHE:HE1	1:14:A:VAL:HG12	2	0.36	0.11	0.36
(1,1940)	1:9:A:PHE:HE1	1:14:A:VAL:HG13	2	0.36	0.11	0.36
(1,1940)	1:9:A:PHE:HE1	1:14:A:VAL:HG21	2	0.36	0.11	0.36
(1,1940)	1:9:A:PHE:HE1	1:14:A:VAL:HG22	2	0.36	0.11	0.36
(1,1940)	1:9:A:PHE:HE1	1:14:A:VAL:HG23	2	0.36	0.11	0.36
(1,1940)	1:9:A:PHE:HE2	1:14:A:VAL:HG11	2	0.36	0.11	0.36
(1,1940)	1:9:A:PHE:HE2	1:14:A:VAL:HG12	2	0.36	0.11	0.36
(1,1940)	1:9:A:PHE:HE2	1:14:A:VAL:HG13	2	0.36	0.11	0.36
(1,1940)	1:9:A:PHE:HE2	1:14:A:VAL:HG21	2	0.36	0.11	0.36
(1,1940)	1:9:A:PHE:HE2	1:14:A:VAL:HG22	2	0.36	0.11	0.36
(1,1940)	1:9:A:PHE:HE2	1:14:A:VAL:HG23	2	0.36	0.11	0.36
(5,581)	1:126:A:GLY:H	1:128:A:LEU:HB2	2	0.36	0.05	0.36
(6,579)	1:126:A:GLY:H	1:128:A:LEU:HB2	2	0.36	0.05	0.36
(7,2449)	1:140:A:LEU:H	1:140:A:LEU:HD11	2	0.36	0.16	0.36
(7,2449)	1:140:A:LEU:H	1:140:A:LEU:HD12	2	0.36	0.16	0.36
(7,2449)	1:140:A:LEU:H	1:140:A:LEU:HD13	2	0.36	0.16	0.36
(7,2449)	1:140:A:LEU:H	1:140:A:LEU:HD21	2	0.36	0.16	0.36
(7,2449)	1:140:A:LEU:H	1:140:A:LEU:HD22	2	0.36	0.16	0.36
(7,2449)	1:140:A:LEU:H	1:140:A:LEU:HD23	2	0.36	0.16	0.36
(9,584)	1:126:A:GLY:H	1:128:A:LEU:HB2	2	0.36	0.05	0.36
(16,1752)	1:43:A:MET:H	1:140:A:LEU:HD21	2	0.36	0.23	0.36
(16,1752)	1:43:A:MET:H	1:140:A:LEU:HD22	2	0.36	0.23	0.36
(16,1752)	1:43:A:MET:H	1:140:A:LEU:HD23	2	0.36	0.23	0.36
(16,2140)	1:40:A:LEU:HD11	1:43:A:MET:HB3	2	0.36	0.0	0.36
(16,2140)	1:40:A:LEU:HD12	1:43:A:MET:HB3	2	0.36	0.0	0.36
(16,2140)	1:40:A:LEU:HD13	1:43:A:MET:HB3	2	0.36	0.0	0.36
(16,2140)	1:40:A:LEU:HD21	1:43:A:MET:HB3	2	0.36	0.0	0.36
(16,2140)	1:40:A:LEU:HD22	1:43:A:MET:HB3	2	0.36	0.0	0.36
(16,2140)	1:40:A:LEU:HD23	1:43:A:MET:HB3	2	0.36	0.0	0.36
(30,585)	1:126:A:GLY:H	1:128:A:LEU:HB2	2	0.36	0.05	0.36
(32,571)	1:126:A:GLY:H	1:128:A:LEU:HB2	2	0.36	0.05	0.36
(33,584)	1:126:A:GLY:H	1:128:A:LEU:HB2	2	0.36	0.05	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,2102)	1:39:A:VAL:HG11	1:43:A:MET:HB2	2	0.36	0.21	0.36
(4,2102)	1:39:A:VAL:HG11	1:43:A:MET:HB3	2	0.36	0.21	0.36
(4,2102)	1:39:A:VAL:HG12	1:43:A:MET:HB2	2	0.36	0.21	0.36
(4,2102)	1:39:A:VAL:HG12	1:43:A:MET:HB3	2	0.36	0.21	0.36
(4,2102)	1:39:A:VAL:HG13	1:43:A:MET:HB2	2	0.36	0.21	0.36
(4,2102)	1:39:A:VAL:HG13	1:43:A:MET:HB3	2	0.36	0.21	0.36
(4,2102)	1:39:A:VAL:HG21	1:43:A:MET:HB2	2	0.36	0.21	0.36
(4,2102)	1:39:A:VAL:HG21	1:43:A:MET:HB3	2	0.36	0.21	0.36
(4,2102)	1:39:A:VAL:HG22	1:43:A:MET:HB2	2	0.36	0.21	0.36
(4,2102)	1:39:A:VAL:HG22	1:43:A:MET:HB3	2	0.36	0.21	0.36
(4,2102)	1:39:A:VAL:HG23	1:43:A:MET:HB2	2	0.36	0.21	0.36
(4,2102)	1:39:A:VAL:HG23	1:43:A:MET:HB3	2	0.36	0.21	0.36
(18,2062)	1:35:A:LEU:H	1:35:A:LEU:HD11	2	0.36	0.21	0.36
(18,2062)	1:35:A:LEU:H	1:35:A:LEU:HD12	2	0.36	0.21	0.36
(18,2062)	1:35:A:LEU:H	1:35:A:LEU:HD13	2	0.36	0.21	0.36
(18,2062)	1:35:A:LEU:H	1:35:A:LEU:HD21	2	0.36	0.21	0.36
(18,2062)	1:35:A:LEU:H	1:35:A:LEU:HD22	2	0.36	0.21	0.36
(18,2062)	1:35:A:LEU:H	1:35:A:LEU:HD23	2	0.36	0.21	0.36
(32,924)	1:12:A:VAL:HA	1:43:A:MET:HG3	2	0.36	0.21	0.36
(2,1264)	1:113:A:PHE:HE1	1:117:A:VAL:HG21	2	0.36	0.02	0.36
(2,1264)	1:113:A:PHE:HE1	1:117:A:VAL:HG22	2	0.36	0.02	0.36
(2,1264)	1:113:A:PHE:HE1	1:117:A:VAL:HG23	2	0.36	0.02	0.36
(2,1264)	1:113:A:PHE:HE2	1:117:A:VAL:HG21	2	0.36	0.02	0.36
(2,1264)	1:113:A:PHE:HE2	1:117:A:VAL:HG22	2	0.36	0.02	0.36
(2,1264)	1:113:A:PHE:HE2	1:117:A:VAL:HG23	2	0.36	0.02	0.36
(11,2403)	1:129:A:LYS:HG2	1:130:A:GLY:H	2	0.36	0.05	0.36
(11,2403)	1:129:A:LYS:HG3	1:130:A:GLY:H	2	0.36	0.05	0.36
(13,1975)	1:17:A:ASN:HB2	1:18:A:PHE:HD1	2	0.36	0.15	0.36
(13,1975)	1:17:A:ASN:HB2	1:18:A:PHE:HD2	2	0.36	0.15	0.36
(13,1975)	1:17:A:ASN:HB3	1:18:A:PHE:HD1	2	0.36	0.15	0.36
(13,1975)	1:17:A:ASN:HB3	1:18:A:PHE:HD2	2	0.36	0.15	0.36
(16,2413)	1:129:A:LYS:HG2	1:130:A:GLY:H	2	0.36	0.05	0.36
(16,2413)	1:129:A:LYS:HG3	1:130:A:GLY:H	2	0.36	0.05	0.36
(3,812)	1:11:A:ILE:HD11	1:47:A:ALA:HB1	2	0.35	0.18	0.35
(3,812)	1:11:A:ILE:HD11	1:47:A:ALA:HB2	2	0.35	0.18	0.35
(3,812)	1:11:A:ILE:HD11	1:47:A:ALA:HB3	2	0.35	0.18	0.35
(3,812)	1:11:A:ILE:HD12	1:47:A:ALA:HB1	2	0.35	0.18	0.35
(3,812)	1:11:A:ILE:HD12	1:47:A:ALA:HB2	2	0.35	0.18	0.35
(3,812)	1:11:A:ILE:HD12	1:47:A:ALA:HB3	2	0.35	0.18	0.35
(3,812)	1:11:A:ILE:HD13	1:47:A:ALA:HB1	2	0.35	0.18	0.35
(3,812)	1:11:A:ILE:HD13	1:47:A:ALA:HB2	2	0.35	0.18	0.35
(3,812)	1:11:A:ILE:HD13	1:47:A:ALA:HB3	2	0.35	0.18	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2342)	1:116:A:GLN:HG2	1:119:A:LEU:HD11	2	0.35	0.11	0.35
(1,2342)	1:116:A:GLN:HG2	1:119:A:LEU:HD12	2	0.35	0.11	0.35
(1,2342)	1:116:A:GLN:HG2	1:119:A:LEU:HD13	2	0.35	0.11	0.35
(1,2342)	1:116:A:GLN:HG2	1:119:A:LEU:HD21	2	0.35	0.11	0.35
(1,2342)	1:116:A:GLN:HG2	1:119:A:LEU:HD22	2	0.35	0.11	0.35
(1,2342)	1:116:A:GLN:HG2	1:119:A:LEU:HD23	2	0.35	0.11	0.35
(3,1533)	1:98:A:ILE:HG21	1:101:A:ILE:HB	2	0.35	0.09	0.35
(3,1533)	1:98:A:ILE:HG22	1:101:A:ILE:HB	2	0.35	0.09	0.35
(3,1533)	1:98:A:ILE:HG23	1:101:A:ILE:HB	2	0.35	0.09	0.35
(4,792)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	2	0.35	0.08	0.35
(4,792)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	2	0.35	0.08	0.35
(4,792)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	2	0.35	0.08	0.35
(5,503)	1:105:A:LYS:H	1:106:A:ASP:HB3	2	0.35	0.12	0.35
(5,2158)	1:46:A:ASN:HB2	1:134:A:VAL:H	2	0.35	0.03	0.35
(5,2158)	1:46:A:ASN:HB3	1:134:A:VAL:H	2	0.35	0.03	0.35
(9,797)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	2	0.35	0.08	0.35
(9,797)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	2	0.35	0.08	0.35
(9,797)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	2	0.35	0.08	0.35
(13,507)	1:105:A:LYS:H	1:106:A:ASP:HB3	2	0.35	0.12	0.35
(13,783)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	2	0.35	0.08	0.35
(13,783)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	2	0.35	0.08	0.35
(13,783)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	2	0.35	0.08	0.35
(16,808)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	2	0.35	0.08	0.35
(16,808)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	2	0.35	0.08	0.35
(16,808)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	2	0.35	0.08	0.35
(18,842)	1:69:A:MET:HE1	1:114:A:ILE:HD11	2	0.35	0.12	0.35
(18,842)	1:69:A:MET:HE1	1:114:A:ILE:HD12	2	0.35	0.12	0.35
(18,842)	1:69:A:MET:HE1	1:114:A:ILE:HD13	2	0.35	0.12	0.35
(18,842)	1:69:A:MET:HE2	1:114:A:ILE:HD11	2	0.35	0.12	0.35
(18,842)	1:69:A:MET:HE2	1:114:A:ILE:HD12	2	0.35	0.12	0.35
(18,842)	1:69:A:MET:HE2	1:114:A:ILE:HD13	2	0.35	0.12	0.35
(18,842)	1:69:A:MET:HE3	1:114:A:ILE:HD11	2	0.35	0.12	0.35
(18,842)	1:69:A:MET:HE3	1:114:A:ILE:HD12	2	0.35	0.12	0.35
(18,842)	1:69:A:MET:HE3	1:114:A:ILE:HD13	2	0.35	0.12	0.35
(18,1921)	1:9:A:PHE:HE1	1:14:A:VAL:HG11	2	0.35	0.11	0.35
(18,1921)	1:9:A:PHE:HE1	1:14:A:VAL:HG12	2	0.35	0.11	0.35
(18,1921)	1:9:A:PHE:HE1	1:14:A:VAL:HG13	2	0.35	0.11	0.35
(18,1921)	1:9:A:PHE:HE1	1:14:A:VAL:HG21	2	0.35	0.11	0.35
(18,1921)	1:9:A:PHE:HE1	1:14:A:VAL:HG22	2	0.35	0.11	0.35
(18,1921)	1:9:A:PHE:HE1	1:14:A:VAL:HG23	2	0.35	0.11	0.35
(18,1921)	1:9:A:PHE:HE2	1:14:A:VAL:HG11	2	0.35	0.11	0.35
(18,1921)	1:9:A:PHE:HE2	1:14:A:VAL:HG12	2	0.35	0.11	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,1921)	1:9:A:PHE:HE2	1:14:A:VAL:HG13	2	0.35	0.11	0.35
(18,1921)	1:9:A:PHE:HE2	1:14:A:VAL:HG21	2	0.35	0.11	0.35
(18,1921)	1:9:A:PHE:HE2	1:14:A:VAL:HG22	2	0.35	0.11	0.35
(18,1921)	1:9:A:PHE:HE2	1:14:A:VAL:HG23	2	0.35	0.11	0.35
(29,515)	1:105:A:LYS:H	1:106:A:ASP:HB3	2	0.35	0.12	0.35
(29,815)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	2	0.35	0.08	0.35
(29,815)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	2	0.35	0.08	0.35
(29,815)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	2	0.35	0.08	0.35
(32,776)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	2	0.35	0.08	0.35
(32,776)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	2	0.35	0.08	0.35
(32,776)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	2	0.35	0.08	0.35
(34,806)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	2	0.35	0.08	0.35
(34,806)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	2	0.35	0.08	0.35
(34,806)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	2	0.35	0.08	0.35
(3,1966)	1:10:A:ASN:HB2	1:61:A:SER:HB2	2	0.34	0.2	0.34
(3,1966)	1:10:A:ASN:HB2	1:61:A:SER:HB3	2	0.34	0.2	0.34
(3,1966)	1:10:A:ASN:HB3	1:61:A:SER:HB2	2	0.34	0.2	0.34
(3,1966)	1:10:A:ASN:HB3	1:61:A:SER:HB3	2	0.34	0.2	0.34
(4,66)	1:81:A:GLU:H	1:81:A:GLU:HG2	2	0.34	0.2	0.34
(4,66)	1:81:A:GLU:H	1:81:A:GLU:HG3	2	0.34	0.2	0.34
(4,1923)	1:10:A:ASN:HB2	1:61:A:SER:HB2	2	0.34	0.2	0.34
(4,1923)	1:10:A:ASN:HB2	1:61:A:SER:HB3	2	0.34	0.2	0.34
(4,1923)	1:10:A:ASN:HB3	1:61:A:SER:HB2	2	0.34	0.2	0.34
(4,1923)	1:10:A:ASN:HB3	1:61:A:SER:HB3	2	0.34	0.2	0.34
(5,1939)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	2	0.34	0.19	0.34
(5,1939)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	2	0.34	0.19	0.34
(5,1939)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	2	0.34	0.19	0.34
(6,65)	1:81:A:GLU:H	1:81:A:GLU:HG2	2	0.34	0.2	0.34
(6,65)	1:81:A:GLU:H	1:81:A:GLU:HG3	2	0.34	0.2	0.34
(16,1931)	1:10:A:ASN:HB2	1:61:A:SER:HB2	2	0.34	0.2	0.34
(16,1931)	1:10:A:ASN:HB2	1:61:A:SER:HB3	2	0.34	0.2	0.34
(16,1931)	1:10:A:ASN:HB3	1:61:A:SER:HB2	2	0.34	0.2	0.34
(16,1931)	1:10:A:ASN:HB3	1:61:A:SER:HB3	2	0.34	0.2	0.34
(18,1937)	1:10:A:ASN:HB2	1:61:A:SER:HB2	2	0.34	0.2	0.34
(18,1937)	1:10:A:ASN:HB2	1:61:A:SER:HB3	2	0.34	0.2	0.34
(18,1937)	1:10:A:ASN:HB3	1:61:A:SER:HB2	2	0.34	0.2	0.34
(18,1937)	1:10:A:ASN:HB3	1:61:A:SER:HB3	2	0.34	0.2	0.34
(32,1909)	1:10:A:ASN:HB2	1:61:A:SER:HB2	2	0.34	0.2	0.34
(32,1909)	1:10:A:ASN:HB2	1:61:A:SER:HB3	2	0.34	0.2	0.34
(32,1909)	1:10:A:ASN:HB3	1:61:A:SER:HB2	2	0.34	0.2	0.34
(32,1909)	1:10:A:ASN:HB3	1:61:A:SER:HB3	2	0.34	0.2	0.34
(33,1938)	1:10:A:ASN:HB2	1:61:A:SER:HB2	2	0.34	0.2	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,1938)	1:10:A:ASN:HB2	1:61:A:SER:HB3	2	0.34	0.2	0.34
(33,1938)	1:10:A:ASN:HB3	1:61:A:SER:HB2	2	0.34	0.2	0.34
(33,1938)	1:10:A:ASN:HB3	1:61:A:SER:HB3	2	0.34	0.2	0.34
(1,488)	1:13:A:ALA:HB1	1:79:A:THR:H	2	0.34	0.0	0.34
(1,488)	1:13:A:ALA:HB2	1:79:A:THR:H	2	0.34	0.0	0.34
(1,488)	1:13:A:ALA:HB3	1:79:A:THR:H	2	0.34	0.0	0.34
(1,797)	1:11:A:ILE:HD11	1:15:A:ALA:H	2	0.34	0.1	0.34
(1,797)	1:11:A:ILE:HD12	1:15:A:ALA:H	2	0.34	0.1	0.34
(1,797)	1:11:A:ILE:HD13	1:15:A:ALA:H	2	0.34	0.1	0.34
(2,484)	1:13:A:ALA:HB1	1:79:A:THR:H	2	0.34	0.0	0.34
(2,484)	1:13:A:ALA:HB2	1:79:A:THR:H	2	0.34	0.0	0.34
(2,484)	1:13:A:ALA:HB3	1:79:A:THR:H	2	0.34	0.0	0.34
(2,765)	1:73:A:ILE:HD11	1:113:A:PHE:HA	2	0.34	0.14	0.34
(2,765)	1:73:A:ILE:HD12	1:113:A:PHE:HA	2	0.34	0.14	0.34
(2,765)	1:73:A:ILE:HD13	1:113:A:PHE:HA	2	0.34	0.14	0.34
(2,777)	1:11:A:ILE:HD11	1:15:A:ALA:H	2	0.34	0.1	0.34
(2,777)	1:11:A:ILE:HD12	1:15:A:ALA:H	2	0.34	0.1	0.34
(2,777)	1:11:A:ILE:HD13	1:15:A:ALA:H	2	0.34	0.1	0.34
(2,1165)	1:140:A:LEU:HA	1:140:A:LEU:HD21	2	0.34	0.02	0.34
(2,1165)	1:140:A:LEU:HA	1:140:A:LEU:HD22	2	0.34	0.02	0.34
(2,1165)	1:140:A:LEU:HA	1:140:A:LEU:HD23	2	0.34	0.02	0.34
(3,490)	1:13:A:ALA:HB1	1:79:A:THR:H	2	0.34	0.0	0.34
(3,490)	1:13:A:ALA:HB2	1:79:A:THR:H	2	0.34	0.0	0.34
(3,490)	1:13:A:ALA:HB3	1:79:A:THR:H	2	0.34	0.0	0.34
(3,795)	1:11:A:ILE:HD11	1:15:A:ALA:H	2	0.34	0.1	0.34
(3,795)	1:11:A:ILE:HD12	1:15:A:ALA:H	2	0.34	0.1	0.34
(3,795)	1:11:A:ILE:HD13	1:15:A:ALA:H	2	0.34	0.1	0.34
(3,1190)	1:140:A:LEU:HA	1:140:A:LEU:HD21	2	0.34	0.02	0.34
(3,1190)	1:140:A:LEU:HA	1:140:A:LEU:HD22	2	0.34	0.02	0.34
(3,1190)	1:140:A:LEU:HA	1:140:A:LEU:HD23	2	0.34	0.02	0.34
(4,477)	1:13:A:ALA:HB1	1:79:A:THR:H	2	0.34	0.0	0.34
(4,477)	1:13:A:ALA:HB2	1:79:A:THR:H	2	0.34	0.0	0.34
(4,477)	1:13:A:ALA:HB3	1:79:A:THR:H	2	0.34	0.0	0.34
(4,773)	1:11:A:ILE:HD11	1:15:A:ALA:H	2	0.34	0.1	0.34
(4,773)	1:11:A:ILE:HD12	1:15:A:ALA:H	2	0.34	0.1	0.34
(4,773)	1:11:A:ILE:HD13	1:15:A:ALA:H	2	0.34	0.1	0.34
(4,1152)	1:140:A:LEU:HA	1:140:A:LEU:HD21	2	0.34	0.02	0.34
(4,1152)	1:140:A:LEU:HA	1:140:A:LEU:HD22	2	0.34	0.02	0.34
(4,1152)	1:140:A:LEU:HA	1:140:A:LEU:HD23	2	0.34	0.02	0.34
(5,476)	1:13:A:ALA:HB1	1:79:A:THR:H	2	0.34	0.0	0.34
(5,476)	1:13:A:ALA:HB2	1:79:A:THR:H	2	0.34	0.0	0.34
(5,476)	1:13:A:ALA:HB3	1:79:A:THR:H	2	0.34	0.0	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,780)	1:11:A:ILE:HD11	1:15:A:ALA:H	2	0.34	0.1	0.34
(5,780)	1:11:A:ILE:HD12	1:15:A:ALA:H	2	0.34	0.1	0.34
(5,780)	1:11:A:ILE:HD13	1:15:A:ALA:H	2	0.34	0.1	0.34
(5,1181)	1:140:A:LEU:HA	1:140:A:LEU:HD21	2	0.34	0.02	0.34
(5,1181)	1:140:A:LEU:HA	1:140:A:LEU:HD22	2	0.34	0.02	0.34
(5,1181)	1:140:A:LEU:HA	1:140:A:LEU:HD23	2	0.34	0.02	0.34
(6,481)	1:13:A:ALA:HB1	1:79:A:THR:H	2	0.34	0.0	0.34
(6,481)	1:13:A:ALA:HB2	1:79:A:THR:H	2	0.34	0.0	0.34
(6,481)	1:13:A:ALA:HB3	1:79:A:THR:H	2	0.34	0.0	0.34
(7,772)	1:11:A:ILE:HD11	1:15:A:ALA:H	2	0.34	0.1	0.34
(7,772)	1:11:A:ILE:HD12	1:15:A:ALA:H	2	0.34	0.1	0.34
(7,772)	1:11:A:ILE:HD13	1:15:A:ALA:H	2	0.34	0.1	0.34
(7,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG21	2	0.34	0.02	0.34
(7,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG22	2	0.34	0.02	0.34
(7,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG23	2	0.34	0.02	0.34
(7,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG21	2	0.34	0.02	0.34
(7,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG22	2	0.34	0.02	0.34
(7,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG23	2	0.34	0.02	0.34
(7,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG21	2	0.34	0.02	0.34
(7,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG22	2	0.34	0.02	0.34
(7,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG23	2	0.34	0.02	0.34
(9,491)	1:13:A:ALA:HB1	1:79:A:THR:H	2	0.34	0.0	0.34
(9,491)	1:13:A:ALA:HB2	1:79:A:THR:H	2	0.34	0.0	0.34
(9,491)	1:13:A:ALA:HB3	1:79:A:THR:H	2	0.34	0.0	0.34
(9,800)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	2	0.34	0.11	0.34
(9,800)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	2	0.34	0.11	0.34
(9,800)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	2	0.34	0.11	0.34
(9,800)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	2	0.34	0.11	0.34
(9,800)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	2	0.34	0.11	0.34
(9,800)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	2	0.34	0.11	0.34
(11,486)	1:13:A:ALA:HB1	1:79:A:THR:H	2	0.34	0.0	0.34
(11,486)	1:13:A:ALA:HB2	1:79:A:THR:H	2	0.34	0.0	0.34
(11,486)	1:13:A:ALA:HB3	1:79:A:THR:H	2	0.34	0.0	0.34
(11,768)	1:73:A:ILE:HD11	1:113:A:PHE:HA	2	0.34	0.14	0.34
(11,768)	1:73:A:ILE:HD12	1:113:A:PHE:HA	2	0.34	0.14	0.34
(11,768)	1:73:A:ILE:HD13	1:113:A:PHE:HA	2	0.34	0.14	0.34
(11,779)	1:11:A:ILE:HD11	1:15:A:ALA:H	2	0.34	0.1	0.34
(11,779)	1:11:A:ILE:HD12	1:15:A:ALA:H	2	0.34	0.1	0.34
(11,779)	1:11:A:ILE:HD13	1:15:A:ALA:H	2	0.34	0.1	0.34
(11,1830)	1:9:A:PHE:HD1	1:11:A:ILE:HB	2	0.34	0.22	0.34
(11,1830)	1:9:A:PHE:HD2	1:11:A:ILE:HB	2	0.34	0.22	0.34
(13,481)	1:13:A:ALA:HB1	1:79:A:THR:H	2	0.34	0.0	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,481)	1:13:A:ALA:HB2	1:79:A:THR:H	2	0.34	0.0	0.34
(13,481)	1:13:A:ALA:HB3	1:79:A:THR:H	2	0.34	0.0	0.34
(13,757)	1:73:A:ILE:HD11	1:113:A:PHE:HA	2	0.34	0.14	0.34
(13,757)	1:73:A:ILE:HD12	1:113:A:PHE:HA	2	0.34	0.14	0.34
(13,757)	1:73:A:ILE:HD13	1:113:A:PHE:HA	2	0.34	0.14	0.34
(13,766)	1:11:A:ILE:HD11	1:15:A:ALA:H	2	0.34	0.1	0.34
(13,766)	1:11:A:ILE:HD12	1:15:A:ALA:H	2	0.34	0.1	0.34
(13,766)	1:11:A:ILE:HD13	1:15:A:ALA:H	2	0.34	0.1	0.34
(13,1916)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	2	0.34	0.08	0.34
(13,1916)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	2	0.34	0.08	0.34
(13,1916)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	2	0.34	0.08	0.34
(13,1916)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	2	0.34	0.08	0.34
(13,1916)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	2	0.34	0.08	0.34
(13,1916)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	2	0.34	0.08	0.34
(15,787)	1:11:A:ILE:HD11	1:15:A:ALA:H	2	0.34	0.1	0.34
(15,787)	1:11:A:ILE:HD12	1:15:A:ALA:H	2	0.34	0.1	0.34
(15,787)	1:11:A:ILE:HD13	1:15:A:ALA:H	2	0.34	0.1	0.34
(16,488)	1:13:A:ALA:HB1	1:79:A:THR:H	2	0.34	0.0	0.34
(16,488)	1:13:A:ALA:HB2	1:79:A:THR:H	2	0.34	0.0	0.34
(16,488)	1:13:A:ALA:HB3	1:79:A:THR:H	2	0.34	0.0	0.34
(16,779)	1:73:A:ILE:HD11	1:113:A:PHE:HA	2	0.34	0.14	0.34
(16,779)	1:73:A:ILE:HD12	1:113:A:PHE:HA	2	0.34	0.14	0.34
(16,779)	1:73:A:ILE:HD13	1:113:A:PHE:HA	2	0.34	0.14	0.34
(16,1176)	1:140:A:LEU:HA	1:140:A:LEU:HD21	2	0.34	0.02	0.34
(16,1176)	1:140:A:LEU:HA	1:140:A:LEU:HD22	2	0.34	0.02	0.34
(16,1176)	1:140:A:LEU:HA	1:140:A:LEU:HD23	2	0.34	0.02	0.34
(16,1423)	1:149:A:ALA:HB1	1:150:A:THR:HG21	2	0.34	0.02	0.34
(16,1423)	1:149:A:ALA:HB1	1:150:A:THR:HG22	2	0.34	0.02	0.34
(16,1423)	1:149:A:ALA:HB1	1:150:A:THR:HG23	2	0.34	0.02	0.34
(16,1423)	1:149:A:ALA:HB2	1:150:A:THR:HG21	2	0.34	0.02	0.34
(16,1423)	1:149:A:ALA:HB2	1:150:A:THR:HG22	2	0.34	0.02	0.34
(16,1423)	1:149:A:ALA:HB2	1:150:A:THR:HG23	2	0.34	0.02	0.34
(16,1423)	1:149:A:ALA:HB3	1:150:A:THR:HG21	2	0.34	0.02	0.34
(16,1423)	1:149:A:ALA:HB3	1:150:A:THR:HG22	2	0.34	0.02	0.34
(16,1423)	1:149:A:ALA:HB3	1:150:A:THR:HG23	2	0.34	0.02	0.34
(16,1946)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	2	0.34	0.08	0.34
(16,1946)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	2	0.34	0.08	0.34
(16,1946)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	2	0.34	0.08	0.34
(16,1946)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	2	0.34	0.08	0.34
(16,1946)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	2	0.34	0.08	0.34
(16,1946)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	2	0.34	0.08	0.34
(17,480)	1:13:A:ALA:HB1	1:79:A:THR:H	2	0.34	0.0	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,480)	1:13:A:ALA:HB2	1:79:A:THR:H	2	0.34	0.0	0.34
(17,480)	1:13:A:ALA:HB3	1:79:A:THR:H	2	0.34	0.0	0.34
(18,499)	1:13:A:ALA:HB1	1:79:A:THR:H	2	0.34	0.0	0.34
(18,499)	1:13:A:ALA:HB2	1:79:A:THR:H	2	0.34	0.0	0.34
(18,499)	1:13:A:ALA:HB3	1:79:A:THR:H	2	0.34	0.0	0.34
(18,794)	1:11:A:ILE:HD11	1:15:A:ALA:H	2	0.34	0.1	0.34
(18,794)	1:11:A:ILE:HD12	1:15:A:ALA:H	2	0.34	0.1	0.34
(18,794)	1:11:A:ILE:HD13	1:15:A:ALA:H	2	0.34	0.1	0.34
(18,1176)	1:140:A:LEU:HA	1:140:A:LEU:HD21	2	0.34	0.02	0.34
(18,1176)	1:140:A:LEU:HA	1:140:A:LEU:HD22	2	0.34	0.02	0.34
(18,1176)	1:140:A:LEU:HA	1:140:A:LEU:HD23	2	0.34	0.02	0.34
(29,489)	1:13:A:ALA:HB1	1:79:A:THR:H	2	0.34	0.0	0.34
(29,489)	1:13:A:ALA:HB2	1:79:A:THR:H	2	0.34	0.0	0.34
(29,489)	1:13:A:ALA:HB3	1:79:A:THR:H	2	0.34	0.0	0.34
(29,797)	1:11:A:ILE:HD11	1:15:A:ALA:H	2	0.34	0.1	0.34
(29,797)	1:11:A:ILE:HD12	1:15:A:ALA:H	2	0.34	0.1	0.34
(29,797)	1:11:A:ILE:HD13	1:15:A:ALA:H	2	0.34	0.1	0.34
(29,818)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	2	0.34	0.11	0.34
(29,818)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	2	0.34	0.11	0.34
(29,818)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	2	0.34	0.11	0.34
(29,818)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	2	0.34	0.11	0.34
(29,818)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	2	0.34	0.11	0.34
(29,818)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	2	0.34	0.11	0.34
(30,777)	1:11:A:ILE:HD11	1:15:A:ALA:H	2	0.34	0.1	0.34
(30,777)	1:11:A:ILE:HD12	1:15:A:ALA:H	2	0.34	0.1	0.34
(30,777)	1:11:A:ILE:HD13	1:15:A:ALA:H	2	0.34	0.1	0.34
(32,472)	1:13:A:ALA:HB1	1:79:A:THR:H	2	0.34	0.0	0.34
(32,472)	1:13:A:ALA:HB2	1:79:A:THR:H	2	0.34	0.0	0.34
(32,472)	1:13:A:ALA:HB3	1:79:A:THR:H	2	0.34	0.0	0.34
(32,761)	1:11:A:ILE:HD11	1:15:A:ALA:H	2	0.34	0.1	0.34
(32,761)	1:11:A:ILE:HD12	1:15:A:ALA:H	2	0.34	0.1	0.34
(32,761)	1:11:A:ILE:HD13	1:15:A:ALA:H	2	0.34	0.1	0.34
(32,797)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	2	0.34	0.06	0.34
(32,797)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	2	0.34	0.06	0.34
(32,797)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	2	0.34	0.06	0.34
(32,1131)	1:140:A:LEU:HA	1:140:A:LEU:HD21	2	0.34	0.02	0.34
(32,1131)	1:140:A:LEU:HA	1:140:A:LEU:HD22	2	0.34	0.02	0.34
(32,1131)	1:140:A:LEU:HA	1:140:A:LEU:HD23	2	0.34	0.02	0.34
(32,1921)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	2	0.34	0.08	0.34
(32,1921)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	2	0.34	0.08	0.34
(32,1921)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	2	0.34	0.08	0.34
(32,1921)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	2	0.34	0.08	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,1921)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	2	0.34	0.08	0.34
(32,1921)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	2	0.34	0.08	0.34
(32,2205)	1:63:A:ILE:H	1:63:A:ILE:HG12	2	0.34	0.11	0.34
(32,2205)	1:63:A:ILE:H	1:63:A:ILE:HG13	2	0.34	0.11	0.34
(33,781)	1:11:A:ILE:HD11	1:15:A:ALA:H	2	0.34	0.1	0.34
(33,781)	1:11:A:ILE:HD12	1:15:A:ALA:H	2	0.34	0.1	0.34
(33,781)	1:11:A:ILE:HD13	1:15:A:ALA:H	2	0.34	0.1	0.34
(34,495)	1:13:A:ALA:HB1	1:79:A:THR:H	2	0.34	0.0	0.34
(34,495)	1:13:A:ALA:HB2	1:79:A:THR:H	2	0.34	0.0	0.34
(34,495)	1:13:A:ALA:HB3	1:79:A:THR:H	2	0.34	0.0	0.34
(34,788)	1:11:A:ILE:HD11	1:15:A:ALA:H	2	0.34	0.1	0.34
(34,788)	1:11:A:ILE:HD12	1:15:A:ALA:H	2	0.34	0.1	0.34
(34,788)	1:11:A:ILE:HD13	1:15:A:ALA:H	2	0.34	0.1	0.34
(34,1195)	1:140:A:LEU:HA	1:140:A:LEU:HD21	2	0.34	0.02	0.34
(34,1195)	1:140:A:LEU:HA	1:140:A:LEU:HD22	2	0.34	0.02	0.34
(34,1195)	1:140:A:LEU:HA	1:140:A:LEU:HD23	2	0.34	0.02	0.34
(1,1899)	1:104:A:PHE:HE1	1:115:A:ALA:H	2	0.34	0.19	0.34
(1,1899)	1:104:A:PHE:HE2	1:115:A:ALA:H	2	0.34	0.19	0.34
(2,14)	1:94:A:ALA:H	1:94:A:ALA:HB1	2	0.34	0.06	0.34
(2,14)	1:94:A:ALA:H	1:94:A:ALA:HB2	2	0.34	0.06	0.34
(2,14)	1:94:A:ALA:H	1:94:A:ALA:HB3	2	0.34	0.06	0.34
(3,18)	1:94:A:ALA:H	1:94:A:ALA:HB1	2	0.34	0.06	0.34
(3,18)	1:94:A:ALA:H	1:94:A:ALA:HB2	2	0.34	0.06	0.34
(3,18)	1:94:A:ALA:H	1:94:A:ALA:HB3	2	0.34	0.06	0.34
(3,1912)	1:104:A:PHE:HE1	1:115:A:ALA:H	2	0.34	0.19	0.34
(3,1912)	1:104:A:PHE:HE2	1:115:A:ALA:H	2	0.34	0.19	0.34
(4,16)	1:94:A:ALA:H	1:94:A:ALA:HB1	2	0.34	0.06	0.34
(4,16)	1:94:A:ALA:H	1:94:A:ALA:HB2	2	0.34	0.06	0.34
(4,16)	1:94:A:ALA:H	1:94:A:ALA:HB3	2	0.34	0.06	0.34
(5,16)	1:94:A:ALA:H	1:94:A:ALA:HB1	2	0.34	0.06	0.34
(5,16)	1:94:A:ALA:H	1:94:A:ALA:HB2	2	0.34	0.06	0.34
(5,16)	1:94:A:ALA:H	1:94:A:ALA:HB3	2	0.34	0.06	0.34
(6,1894)	1:104:A:PHE:HE1	1:115:A:ALA:H	2	0.34	0.19	0.34
(6,1894)	1:104:A:PHE:HE2	1:115:A:ALA:H	2	0.34	0.19	0.34
(7,14)	1:94:A:ALA:H	1:94:A:ALA:HB1	2	0.34	0.06	0.34
(7,14)	1:94:A:ALA:H	1:94:A:ALA:HB2	2	0.34	0.06	0.34
(7,14)	1:94:A:ALA:H	1:94:A:ALA:HB3	2	0.34	0.06	0.34
(7,1856)	1:104:A:PHE:HE1	1:115:A:ALA:H	2	0.34	0.19	0.34
(7,1856)	1:104:A:PHE:HE2	1:115:A:ALA:H	2	0.34	0.19	0.34
(9,15)	1:94:A:ALA:H	1:94:A:ALA:HB1	2	0.34	0.06	0.34
(9,15)	1:94:A:ALA:H	1:94:A:ALA:HB2	2	0.34	0.06	0.34
(9,15)	1:94:A:ALA:H	1:94:A:ALA:HB3	2	0.34	0.06	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,518)	1:105:A:LYS:H	1:106:A:ASP:HB3	2	0.34	0.12	0.34
(9,1883)	1:104:A:PHE:HE1	1:115:A:ALA:H	2	0.34	0.19	0.34
(9,1883)	1:104:A:PHE:HE2	1:115:A:ALA:H	2	0.34	0.19	0.34
(9,2413)	1:141:A:LYS:HA	1:148:A:CYS:HB2	2	0.34	0.17	0.34
(9,2413)	1:141:A:LYS:HA	1:148:A:CYS:HB3	2	0.34	0.17	0.34
(11,18)	1:94:A:ALA:H	1:94:A:ALA:HB1	2	0.34	0.06	0.34
(11,18)	1:94:A:ALA:H	1:94:A:ALA:HB2	2	0.34	0.06	0.34
(11,18)	1:94:A:ALA:H	1:94:A:ALA:HB3	2	0.34	0.06	0.34
(11,1903)	1:104:A:PHE:HE1	1:115:A:ALA:H	2	0.34	0.19	0.34
(11,1903)	1:104:A:PHE:HE2	1:115:A:ALA:H	2	0.34	0.19	0.34
(13,15)	1:94:A:ALA:H	1:94:A:ALA:HB1	2	0.34	0.06	0.34
(13,15)	1:94:A:ALA:H	1:94:A:ALA:HB2	2	0.34	0.06	0.34
(13,15)	1:94:A:ALA:H	1:94:A:ALA:HB3	2	0.34	0.06	0.34
(15,519)	1:105:A:LYS:H	1:106:A:ASP:HB3	2	0.34	0.12	0.34
(15,1865)	1:104:A:PHE:HE1	1:115:A:ALA:H	2	0.34	0.19	0.34
(15,1865)	1:104:A:PHE:HE2	1:115:A:ALA:H	2	0.34	0.19	0.34
(16,17)	1:94:A:ALA:H	1:94:A:ALA:HB1	2	0.34	0.06	0.34
(16,17)	1:94:A:ALA:H	1:94:A:ALA:HB2	2	0.34	0.06	0.34
(16,17)	1:94:A:ALA:H	1:94:A:ALA:HB3	2	0.34	0.06	0.34
(16,1870)	1:104:A:PHE:HE1	1:115:A:ALA:H	2	0.34	0.19	0.34
(16,1870)	1:104:A:PHE:HE2	1:115:A:ALA:H	2	0.34	0.19	0.34
(17,1901)	1:104:A:PHE:HE1	1:115:A:ALA:H	2	0.34	0.19	0.34
(17,1901)	1:104:A:PHE:HE2	1:115:A:ALA:H	2	0.34	0.19	0.34
(18,16)	1:94:A:ALA:H	1:94:A:ALA:HB1	2	0.34	0.06	0.34
(18,16)	1:94:A:ALA:H	1:94:A:ALA:HB2	2	0.34	0.06	0.34
(18,16)	1:94:A:ALA:H	1:94:A:ALA:HB3	2	0.34	0.06	0.34
(18,1872)	1:104:A:PHE:HE1	1:115:A:ALA:H	2	0.34	0.19	0.34
(18,1872)	1:104:A:PHE:HE2	1:115:A:ALA:H	2	0.34	0.19	0.34
(29,1902)	1:104:A:PHE:HE1	1:115:A:ALA:H	2	0.34	0.19	0.34
(29,1902)	1:104:A:PHE:HE2	1:115:A:ALA:H	2	0.34	0.19	0.34
(30,1885)	1:104:A:PHE:HE1	1:115:A:ALA:H	2	0.34	0.19	0.34
(30,1885)	1:104:A:PHE:HE2	1:115:A:ALA:H	2	0.34	0.19	0.34
(32,15)	1:94:A:ALA:H	1:94:A:ALA:HB1	2	0.34	0.06	0.34
(32,15)	1:94:A:ALA:H	1:94:A:ALA:HB2	2	0.34	0.06	0.34
(32,15)	1:94:A:ALA:H	1:94:A:ALA:HB3	2	0.34	0.06	0.34
(32,499)	1:105:A:LYS:H	1:106:A:ASP:HB3	2	0.34	0.12	0.34
(32,816)	1:69:A:MET:HE1	1:114:A:ILE:HD11	2	0.34	0.12	0.34
(32,816)	1:69:A:MET:HE1	1:114:A:ILE:HD12	2	0.34	0.12	0.34
(32,816)	1:69:A:MET:HE1	1:114:A:ILE:HD13	2	0.34	0.12	0.34
(32,816)	1:69:A:MET:HE2	1:114:A:ILE:HD11	2	0.34	0.12	0.34
(32,816)	1:69:A:MET:HE2	1:114:A:ILE:HD12	2	0.34	0.12	0.34
(32,816)	1:69:A:MET:HE2	1:114:A:ILE:HD13	2	0.34	0.12	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,816)	1:69:A:MET:HE3	1:114:A:ILE:HD11	2	0.34	0.12	0.34
(32,816)	1:69:A:MET:HE3	1:114:A:ILE:HD12	2	0.34	0.12	0.34
(32,816)	1:69:A:MET:HE3	1:114:A:ILE:HD13	2	0.34	0.12	0.34
(32,1520)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	2	0.34	0.19	0.34
(32,1520)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	2	0.34	0.19	0.34
(32,1520)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	2	0.34	0.19	0.34
(32,1520)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	2	0.34	0.19	0.34
(32,1520)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	2	0.34	0.19	0.34
(32,1520)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	2	0.34	0.19	0.34
(33,510)	1:105:A:LYS:H	1:106:A:ASP:HB3	2	0.34	0.12	0.34
(34,17)	1:94:A:ALA:H	1:94:A:ALA:HB1	2	0.34	0.06	0.34
(34,17)	1:94:A:ALA:H	1:94:A:ALA:HB2	2	0.34	0.06	0.34
(34,17)	1:94:A:ALA:H	1:94:A:ALA:HB3	2	0.34	0.06	0.34
(34,1892)	1:104:A:PHE:HE1	1:115:A:ALA:H	2	0.34	0.19	0.34
(34,1892)	1:104:A:PHE:HE2	1:115:A:ALA:H	2	0.34	0.19	0.34
(1,1866)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.34	0.15	0.34
(1,1866)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.34	0.15	0.34
(2,1683)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	2	0.34	0.05	0.34
(2,1683)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	2	0.34	0.05	0.34
(2,1683)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	2	0.34	0.05	0.34
(2,1683)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	2	0.34	0.05	0.34
(3,1879)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.34	0.15	0.34
(3,1879)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.34	0.15	0.34
(4,1286)	1:66:A:THR:HG21	1:96:A:VAL:HB	2	0.34	0.1	0.34
(4,1286)	1:66:A:THR:HG22	1:96:A:VAL:HB	2	0.34	0.1	0.34
(4,1286)	1:66:A:THR:HG23	1:96:A:VAL:HB	2	0.34	0.1	0.34
(4,1643)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	2	0.34	0.05	0.34
(4,1643)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	2	0.34	0.05	0.34
(4,1643)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	2	0.34	0.05	0.34
(4,1643)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	2	0.34	0.05	0.34
(4,1828)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.34	0.15	0.34
(4,1828)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.34	0.15	0.34
(5,1878)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.34	0.15	0.34
(5,1878)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.34	0.15	0.34
(6,1854)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.34	0.15	0.34
(6,1854)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.34	0.15	0.34
(7,1174)	1:107:A:LEU:HD21	1:111:A:GLU:HB2	2	0.34	0.02	0.34
(7,1174)	1:107:A:LEU:HD21	1:111:A:GLU:HB3	2	0.34	0.02	0.34
(7,1174)	1:107:A:LEU:HD22	1:111:A:GLU:HB2	2	0.34	0.02	0.34
(7,1174)	1:107:A:LEU:HD22	1:111:A:GLU:HB3	2	0.34	0.02	0.34
(7,1174)	1:107:A:LEU:HD23	1:111:A:GLU:HB2	2	0.34	0.02	0.34
(7,1174)	1:107:A:LEU:HD23	1:111:A:GLU:HB3	2	0.34	0.02	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1820)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.34	0.15	0.34
(7,1820)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.34	0.15	0.34
(9,1841)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.34	0.15	0.34
(9,1841)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.34	0.15	0.34
(13,1810)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.34	0.15	0.34
(13,1810)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.34	0.15	0.34
(13,2084)	1:41:A:LYS:HA	1:44:A:GLU:HG2	2	0.34	0.14	0.34
(13,2084)	1:41:A:LYS:HA	1:44:A:GLU:HG3	2	0.34	0.14	0.34
(15,1836)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.34	0.15	0.34
(15,1836)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.34	0.15	0.34
(16,1839)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.34	0.15	0.34
(16,1839)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.34	0.15	0.34
(16,2268)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	2	0.34	0.02	0.34
(16,2268)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	2	0.34	0.02	0.34
(17,1868)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.34	0.15	0.34
(17,1868)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.34	0.15	0.34
(18,1299)	1:66:A:THR:HG21	1:96:A:VAL:HB	2	0.34	0.1	0.34
(18,1299)	1:66:A:THR:HG22	1:96:A:VAL:HB	2	0.34	0.1	0.34
(18,1299)	1:66:A:THR:HG23	1:96:A:VAL:HB	2	0.34	0.1	0.34
(18,1839)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.34	0.15	0.34
(18,1839)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.34	0.15	0.34
(29,1316)	1:66:A:THR:HG21	1:96:A:VAL:HB	2	0.34	0.1	0.34
(29,1316)	1:66:A:THR:HG22	1:96:A:VAL:HB	2	0.34	0.1	0.34
(29,1316)	1:66:A:THR:HG23	1:96:A:VAL:HB	2	0.34	0.1	0.34
(29,1893)	1:14:A:VAL:HA	1:18:A:PHE:HD1	2	0.34	0.24	0.34
(29,1893)	1:14:A:VAL:HA	1:18:A:PHE:HD2	2	0.34	0.24	0.34
(32,1819)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.34	0.15	0.34
(32,1819)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.34	0.15	0.34
(32,2117)	1:41:A:LYS:HA	1:44:A:GLU:HG2	2	0.34	0.14	0.34
(32,2117)	1:41:A:LYS:HA	1:44:A:GLU:HG3	2	0.34	0.14	0.34
(33,1849)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.34	0.15	0.34
(33,1849)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.34	0.15	0.34
(6,2065)	1:35:A:LEU:H	1:35:A:LEU:HD11	2	0.34	0.2	0.34
(6,2065)	1:35:A:LEU:H	1:35:A:LEU:HD12	2	0.34	0.2	0.34
(6,2065)	1:35:A:LEU:H	1:35:A:LEU:HD13	2	0.34	0.2	0.34
(6,2065)	1:35:A:LEU:H	1:35:A:LEU:HD21	2	0.34	0.2	0.34
(6,2065)	1:35:A:LEU:H	1:35:A:LEU:HD22	2	0.34	0.2	0.34
(6,2065)	1:35:A:LEU:H	1:35:A:LEU:HD23	2	0.34	0.2	0.34
(15,2039)	1:35:A:LEU:H	1:35:A:LEU:HD11	2	0.34	0.2	0.34
(15,2039)	1:35:A:LEU:H	1:35:A:LEU:HD12	2	0.34	0.2	0.34
(15,2039)	1:35:A:LEU:H	1:35:A:LEU:HD13	2	0.34	0.2	0.34
(15,2039)	1:35:A:LEU:H	1:35:A:LEU:HD21	2	0.34	0.2	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,2039)	1:35:A:LEU:H	1:35:A:LEU:HD22	2	0.34	0.2	0.34
(15,2039)	1:35:A:LEU:H	1:35:A:LEU:HD23	2	0.34	0.2	0.34
(17,2079)	1:35:A:LEU:H	1:35:A:LEU:HD11	2	0.34	0.2	0.34
(17,2079)	1:35:A:LEU:H	1:35:A:LEU:HD12	2	0.34	0.2	0.34
(17,2079)	1:35:A:LEU:H	1:35:A:LEU:HD13	2	0.34	0.2	0.34
(17,2079)	1:35:A:LEU:H	1:35:A:LEU:HD21	2	0.34	0.2	0.34
(17,2079)	1:35:A:LEU:H	1:35:A:LEU:HD22	2	0.34	0.2	0.34
(17,2079)	1:35:A:LEU:H	1:35:A:LEU:HD23	2	0.34	0.2	0.34
(29,2080)	1:35:A:LEU:H	1:35:A:LEU:HD11	2	0.34	0.2	0.34
(29,2080)	1:35:A:LEU:H	1:35:A:LEU:HD12	2	0.34	0.2	0.34
(29,2080)	1:35:A:LEU:H	1:35:A:LEU:HD13	2	0.34	0.2	0.34
(29,2080)	1:35:A:LEU:H	1:35:A:LEU:HD21	2	0.34	0.2	0.34
(29,2080)	1:35:A:LEU:H	1:35:A:LEU:HD22	2	0.34	0.2	0.34
(29,2080)	1:35:A:LEU:H	1:35:A:LEU:HD23	2	0.34	0.2	0.34
(30,39)	1:43:A:MET:HA	1:47:A:ALA:H	2	0.34	0.06	0.34
(34,810)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	2	0.34	0.1	0.34
(34,810)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	2	0.34	0.1	0.34
(34,810)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	2	0.34	0.1	0.34
(34,810)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	2	0.34	0.1	0.34
(34,810)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	2	0.34	0.1	0.34
(34,810)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	2	0.34	0.1	0.34
(1,1406)	1:132:A:ALA:HB1	1:133:A:ASN:HD22	2	0.34	0.08	0.34
(1,1406)	1:132:A:ALA:HB2	1:133:A:ASN:HD22	2	0.34	0.08	0.34
(1,1406)	1:132:A:ALA:HB3	1:133:A:ASN:HD22	2	0.34	0.08	0.34
(2,706)	1:24:A:ASP:HA	1:27:A:ARG:HE	2	0.34	0.01	0.34
(2,1910)	1:104:A:PHE:HE1	1:105:A:LYS:H	2	0.34	0.13	0.34
(2,1910)	1:104:A:PHE:HE2	1:105:A:LYS:H	2	0.34	0.13	0.34
(3,716)	1:24:A:ASP:HA	1:27:A:ARG:HE	2	0.34	0.01	0.34
(3,1911)	1:104:A:PHE:HE1	1:105:A:LYS:H	2	0.34	0.13	0.34
(3,1911)	1:104:A:PHE:HE2	1:105:A:LYS:H	2	0.34	0.13	0.34
(4,1383)	1:132:A:ALA:HB1	1:133:A:ASN:HD22	2	0.34	0.08	0.34
(4,1383)	1:132:A:ALA:HB2	1:133:A:ASN:HD22	2	0.34	0.08	0.34
(4,1383)	1:132:A:ALA:HB3	1:133:A:ASN:HD22	2	0.34	0.08	0.34
(4,1859)	1:104:A:PHE:HE1	1:105:A:LYS:H	2	0.34	0.13	0.34
(4,1859)	1:104:A:PHE:HE2	1:105:A:LYS:H	2	0.34	0.13	0.34
(6,1893)	1:104:A:PHE:HE1	1:105:A:LYS:H	2	0.34	0.13	0.34
(6,1893)	1:104:A:PHE:HE2	1:105:A:LYS:H	2	0.34	0.13	0.34
(7,703)	1:24:A:ASP:HA	1:27:A:ARG:HE	2	0.34	0.01	0.34
(7,1383)	1:132:A:ALA:HB1	1:133:A:ASN:HD22	2	0.34	0.08	0.34
(7,1383)	1:132:A:ALA:HB2	1:133:A:ASN:HD22	2	0.34	0.08	0.34
(7,1383)	1:132:A:ALA:HB3	1:133:A:ASN:HD22	2	0.34	0.08	0.34
(7,1855)	1:104:A:PHE:HE1	1:105:A:LYS:H	2	0.34	0.13	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1855)	1:104:A:PHE:HE2	1:105:A:LYS:H	2	0.34	0.13	0.34
(9,703)	1:24:A:ASP:HA	1:27:A:ARG:HE	2	0.34	0.01	0.34
(11,1902)	1:104:A:PHE:HE1	1:105:A:LYS:H	2	0.34	0.13	0.34
(11,1902)	1:104:A:PHE:HE2	1:105:A:LYS:H	2	0.34	0.13	0.34
(13,1841)	1:104:A:PHE:HE1	1:105:A:LYS:H	2	0.34	0.13	0.34
(13,1841)	1:104:A:PHE:HE2	1:105:A:LYS:H	2	0.34	0.13	0.34
(15,710)	1:24:A:ASP:HA	1:27:A:ARG:HE	2	0.34	0.01	0.34
(15,1400)	1:132:A:ALA:HB1	1:133:A:ASN:HD22	2	0.34	0.08	0.34
(15,1400)	1:132:A:ALA:HB2	1:133:A:ASN:HD22	2	0.34	0.08	0.34
(15,1400)	1:132:A:ALA:HB3	1:133:A:ASN:HD22	2	0.34	0.08	0.34
(16,716)	1:24:A:ASP:HA	1:27:A:ARG:HE	2	0.34	0.01	0.34
(17,710)	1:24:A:ASP:HA	1:27:A:ARG:HE	2	0.34	0.01	0.34
(17,1420)	1:132:A:ALA:HB1	1:133:A:ASN:HD22	2	0.34	0.08	0.34
(17,1420)	1:132:A:ALA:HB2	1:133:A:ASN:HD22	2	0.34	0.08	0.34
(17,1420)	1:132:A:ALA:HB3	1:133:A:ASN:HD22	2	0.34	0.08	0.34
(17,1900)	1:104:A:PHE:HE1	1:105:A:LYS:H	2	0.34	0.13	0.34
(17,1900)	1:104:A:PHE:HE2	1:105:A:LYS:H	2	0.34	0.13	0.34
(18,721)	1:24:A:ASP:HA	1:27:A:ARG:HE	2	0.34	0.01	0.34
(18,1871)	1:104:A:PHE:HE1	1:105:A:LYS:H	2	0.34	0.13	0.34
(18,1871)	1:104:A:PHE:HE2	1:105:A:LYS:H	2	0.34	0.13	0.34
(29,716)	1:24:A:ASP:HA	1:27:A:ARG:HE	2	0.34	0.01	0.34
(29,1411)	1:132:A:ALA:HB1	1:133:A:ASN:HD22	2	0.34	0.08	0.34
(29,1411)	1:132:A:ALA:HB2	1:133:A:ASN:HD22	2	0.34	0.08	0.34
(29,1411)	1:132:A:ALA:HB3	1:133:A:ASN:HD22	2	0.34	0.08	0.34
(30,705)	1:24:A:ASP:HA	1:27:A:ARG:HE	2	0.34	0.01	0.34
(30,1403)	1:132:A:ALA:HB1	1:133:A:ASN:HD22	2	0.34	0.08	0.34
(30,1403)	1:132:A:ALA:HB2	1:133:A:ASN:HD22	2	0.34	0.08	0.34
(30,1403)	1:132:A:ALA:HB3	1:133:A:ASN:HD22	2	0.34	0.08	0.34
(32,689)	1:24:A:ASP:HA	1:27:A:ARG:HE	2	0.34	0.01	0.34
(33,707)	1:24:A:ASP:HA	1:27:A:ARG:HE	2	0.34	0.01	0.34
(33,770)	1:73:A:ILE:HD11	1:113:A:PHE:HA	2	0.34	0.14	0.34
(33,770)	1:73:A:ILE:HD12	1:113:A:PHE:HA	2	0.34	0.14	0.34
(33,770)	1:73:A:ILE:HD13	1:113:A:PHE:HA	2	0.34	0.14	0.34
(34,1891)	1:104:A:PHE:HE1	1:105:A:LYS:H	2	0.34	0.13	0.34
(34,1891)	1:104:A:PHE:HE2	1:105:A:LYS:H	2	0.34	0.13	0.34
(1,592)	1:126:A:GLY:H	1:128:A:LEU:HB2	2	0.33	0.05	0.33
(3,590)	1:126:A:GLY:H	1:128:A:LEU:HB2	2	0.33	0.05	0.33
(6,1094)	1:41:A:LYS:HA	1:44:A:GLU:HG2	2	0.33	0.05	0.33
(11,587)	1:126:A:GLY:H	1:128:A:LEU:HB2	2	0.33	0.05	0.33
(13,579)	1:126:A:GLY:H	1:128:A:LEU:HB2	2	0.33	0.05	0.33
(16,591)	1:126:A:GLY:H	1:128:A:LEU:HB2	2	0.33	0.05	0.33
(17,582)	1:126:A:GLY:H	1:128:A:LEU:HB2	2	0.33	0.05	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,597)	1:126:A:GLY:H	1:128:A:LEU:HB2	2	0.33	0.05	0.33
(29,591)	1:126:A:GLY:H	1:128:A:LEU:HB2	2	0.33	0.05	0.33
(32,1861)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	2	0.33	0.18	0.33
(32,1861)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	2	0.33	0.18	0.33
(33,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	2	0.33	0.0	0.33
(33,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	2	0.33	0.0	0.33
(33,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	2	0.33	0.0	0.33
(33,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	2	0.33	0.0	0.33
(33,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	2	0.33	0.0	0.33
(33,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	2	0.33	0.0	0.33
(33,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	2	0.33	0.0	0.33
(33,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	2	0.33	0.0	0.33
(33,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	2	0.33	0.0	0.33
(33,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	2	0.33	0.0	0.33
(33,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	2	0.33	0.0	0.33
(33,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	2	0.33	0.0	0.33
(33,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	2	0.33	0.0	0.33
(33,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	2	0.33	0.0	0.33
(33,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	2	0.33	0.0	0.33
(33,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	2	0.33	0.0	0.33
(33,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	2	0.33	0.0	0.33
(33,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	2	0.33	0.0	0.33
(34,839)	1:69:A:MET:HE1	1:114:A:ILE:HD11	2	0.33	0.12	0.33
(34,839)	1:69:A:MET:HE1	1:114:A:ILE:HD12	2	0.33	0.12	0.33
(34,839)	1:69:A:MET:HE1	1:114:A:ILE:HD13	2	0.33	0.12	0.33
(34,839)	1:69:A:MET:HE2	1:114:A:ILE:HD11	2	0.33	0.12	0.33
(34,839)	1:69:A:MET:HE2	1:114:A:ILE:HD12	2	0.33	0.12	0.33
(34,839)	1:69:A:MET:HE2	1:114:A:ILE:HD13	2	0.33	0.12	0.33
(34,839)	1:69:A:MET:HE3	1:114:A:ILE:HD11	2	0.33	0.12	0.33
(34,839)	1:69:A:MET:HE3	1:114:A:ILE:HD12	2	0.33	0.12	0.33
(34,839)	1:69:A:MET:HE3	1:114:A:ILE:HD13	2	0.33	0.12	0.33
(7,1714)	1:36:A:PRO:HA	1:37:A:LEU:HD21	2	0.33	0.04	0.33
(7,1714)	1:36:A:PRO:HA	1:37:A:LEU:HD22	2	0.33	0.04	0.33
(7,1714)	1:36:A:PRO:HA	1:37:A:LEU:HD23	2	0.33	0.04	0.33
(16,2144)	1:41:A:LYS:HA	1:44:A:GLU:HG2	2	0.33	0.14	0.33
(16,2144)	1:41:A:LYS:HA	1:44:A:GLU:HG3	2	0.33	0.14	0.33
(2,799)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	2	0.32	0.1	0.32
(2,799)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	2	0.32	0.1	0.32
(2,799)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	2	0.32	0.1	0.32
(2,799)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	2	0.32	0.1	0.32
(2,799)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	2	0.32	0.1	0.32
(2,799)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	2	0.32	0.1	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,2363)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	2	0.32	0.18	0.32
(4,2363)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	2	0.32	0.18	0.32
(4,2363)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	2	0.32	0.18	0.32
(4,2363)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	2	0.32	0.18	0.32
(4,2363)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	2	0.32	0.18	0.32
(4,2363)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	2	0.32	0.18	0.32
(4,2363)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	2	0.32	0.18	0.32
(4,2363)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	2	0.32	0.18	0.32
(4,2363)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	2	0.32	0.18	0.32
(4,2363)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	2	0.32	0.18	0.32
(4,2363)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	2	0.32	0.18	0.32
(4,2363)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	2	0.32	0.18	0.32
(4,2363)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	2	0.32	0.18	0.32
(4,2363)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	2	0.32	0.18	0.32
(4,2363)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	2	0.32	0.18	0.32
(4,2363)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	2	0.32	0.18	0.32
(4,2363)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	2	0.32	0.18	0.32
(4,2363)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	2	0.32	0.18	0.32
(16,2361)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	2	0.32	0.18	0.32
(16,2361)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	2	0.32	0.18	0.32
(16,2361)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	2	0.32	0.18	0.32
(16,2361)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	2	0.32	0.18	0.32
(16,2361)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	2	0.32	0.18	0.32
(16,2361)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	2	0.32	0.18	0.32
(16,2361)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	2	0.32	0.18	0.32
(16,2361)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	2	0.32	0.18	0.32
(16,2361)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	2	0.32	0.18	0.32
(16,2361)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	2	0.32	0.18	0.32
(16,2361)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	2	0.32	0.18	0.32
(16,2361)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	2	0.32	0.18	0.32
(16,2361)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	2	0.32	0.18	0.32
(16,2361)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	2	0.32	0.18	0.32
(16,2361)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	2	0.32	0.18	0.32
(16,2361)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	2	0.32	0.18	0.32
(16,2361)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	2	0.32	0.18	0.32
(16,2361)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	2	0.32	0.18	0.32
(18,2342)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	2	0.32	0.18	0.32
(18,2342)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	2	0.32	0.18	0.32
(18,2342)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	2	0.32	0.18	0.32
(18,2342)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	2	0.32	0.18	0.32
(18,2342)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	2	0.32	0.18	0.32
(18,2342)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	2	0.32	0.18	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,2342)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	2	0.32	0.18	0.32
(18,2342)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	2	0.32	0.18	0.32
(18,2342)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	2	0.32	0.18	0.32
(18,2342)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	2	0.32	0.18	0.32
(18,2342)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	2	0.32	0.18	0.32
(18,2342)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	2	0.32	0.18	0.32
(18,2342)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	2	0.32	0.18	0.32
(18,2342)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	2	0.32	0.18	0.32
(18,2342)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	2	0.32	0.18	0.32
(18,2342)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	2	0.32	0.18	0.32
(18,2342)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	2	0.32	0.18	0.32
(18,2342)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	2	0.32	0.18	0.32
(32,2356)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	2	0.32	0.18	0.32
(32,2356)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	2	0.32	0.18	0.32
(32,2356)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	2	0.32	0.18	0.32
(32,2356)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	2	0.32	0.18	0.32
(32,2356)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	2	0.32	0.18	0.32
(32,2356)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	2	0.32	0.18	0.32
(32,2356)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	2	0.32	0.18	0.32
(32,2356)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	2	0.32	0.18	0.32
(32,2356)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	2	0.32	0.18	0.32
(32,2356)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	2	0.32	0.18	0.32
(32,2356)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	2	0.32	0.18	0.32
(32,2356)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	2	0.32	0.18	0.32
(32,2356)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	2	0.32	0.18	0.32
(32,2356)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	2	0.32	0.18	0.32
(32,2356)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	2	0.32	0.18	0.32
(32,2356)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	2	0.32	0.18	0.32
(32,2356)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	2	0.32	0.18	0.32
(32,2356)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	2	0.32	0.18	0.32
(32,2414)	1:129:A:LYS:HG2	1:130:A:GLY:H	2	0.32	0.04	0.32
(32,2414)	1:129:A:LYS:HG3	1:130:A:GLY:H	2	0.32	0.04	0.32
(33,1116)	1:66:A:THR:HG21	1:105:A:LYS:HA	2	0.32	0.18	0.32
(33,1116)	1:66:A:THR:HG22	1:105:A:LYS:HA	2	0.32	0.18	0.32
(33,1116)	1:66:A:THR:HG23	1:105:A:LYS:HA	2	0.32	0.18	0.32
(34,1220)	1:38:A:GLU:HA	1:139:A:LEU:HD11	2	0.32	0.16	0.32
(34,1220)	1:38:A:GLU:HA	1:139:A:LEU:HD12	2	0.32	0.16	0.32
(34,1220)	1:38:A:GLU:HA	1:139:A:LEU:HD13	2	0.32	0.16	0.32
(2,887)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	2	0.32	0.04	0.32
(2,887)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	2	0.32	0.04	0.32
(2,887)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	2	0.32	0.04	0.32
(4,1953)	1:12:A:VAL:HA	1:40:A:LEU:HD11	2	0.32	0.02	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1953)	1:12:A:VAL:HA	1:40:A:LEU:HD12	2	0.32	0.02	0.32
(4,1953)	1:12:A:VAL:HA	1:40:A:LEU:HD13	2	0.32	0.02	0.32
(4,1953)	1:12:A:VAL:HA	1:40:A:LEU:HD21	2	0.32	0.02	0.32
(4,1953)	1:12:A:VAL:HA	1:40:A:LEU:HD22	2	0.32	0.02	0.32
(4,1953)	1:12:A:VAL:HA	1:40:A:LEU:HD23	2	0.32	0.02	0.32
(1,829)	1:98:A:ILE:HD11	1:104:A:PHE:HB2	2	0.32	0.12	0.32
(1,829)	1:98:A:ILE:HD12	1:104:A:PHE:HB2	2	0.32	0.12	0.32
(1,829)	1:98:A:ILE:HD13	1:104:A:PHE:HB2	2	0.32	0.12	0.32
(2,880)	1:117:A:VAL:HG11	1:118:A:ASP:HB2	2	0.32	0.16	0.32
(2,880)	1:117:A:VAL:HG12	1:118:A:ASP:HB2	2	0.32	0.16	0.32
(2,880)	1:117:A:VAL:HG13	1:118:A:ASP:HB2	2	0.32	0.16	0.32
(4,1749)	1:63:A:ILE:HG21	1:116:A:GLN:HG2	2	0.32	0.07	0.32
(4,1749)	1:63:A:ILE:HG22	1:116:A:GLN:HG2	2	0.32	0.07	0.32
(4,1749)	1:63:A:ILE:HG23	1:116:A:GLN:HG2	2	0.32	0.07	0.32
(5,1815)	1:13:A:ALA:HA	1:80:A:TYR:HD1	2	0.32	0.07	0.32
(5,1815)	1:13:A:ALA:HA	1:80:A:TYR:HD2	2	0.32	0.07	0.32
(9,1657)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	2	0.32	0.05	0.32
(9,1657)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	2	0.32	0.05	0.32
(9,1657)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	2	0.32	0.05	0.32
(9,1657)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	2	0.32	0.05	0.32
(16,806)	1:11:A:ILE:HD11	1:47:A:ALA:HB1	2	0.32	0.18	0.32
(16,806)	1:11:A:ILE:HD11	1:47:A:ALA:HB2	2	0.32	0.18	0.32
(16,806)	1:11:A:ILE:HD11	1:47:A:ALA:HB3	2	0.32	0.18	0.32
(16,806)	1:11:A:ILE:HD12	1:47:A:ALA:HB1	2	0.32	0.18	0.32
(16,806)	1:11:A:ILE:HD12	1:47:A:ALA:HB2	2	0.32	0.18	0.32
(16,806)	1:11:A:ILE:HD12	1:47:A:ALA:HB3	2	0.32	0.18	0.32
(16,806)	1:11:A:ILE:HD13	1:47:A:ALA:HB1	2	0.32	0.18	0.32
(16,806)	1:11:A:ILE:HD13	1:47:A:ALA:HB2	2	0.32	0.18	0.32
(16,806)	1:11:A:ILE:HD13	1:47:A:ALA:HB3	2	0.32	0.18	0.32
(34,985)	1:11:A:ILE:HD11	1:43:A:MET:HB3	2	0.32	0.17	0.32
(34,985)	1:11:A:ILE:HD12	1:43:A:MET:HB3	2	0.32	0.17	0.32
(34,985)	1:11:A:ILE:HD13	1:43:A:MET:HB3	2	0.32	0.17	0.32
(1,906)	1:63:A:ILE:HG21	1:113:A:PHE:HB2	2	0.32	0.08	0.32
(1,906)	1:63:A:ILE:HG22	1:113:A:PHE:HB2	2	0.32	0.08	0.32
(1,906)	1:63:A:ILE:HG23	1:113:A:PHE:HB2	2	0.32	0.08	0.32
(3,717)	1:23:A:LEU:HD11	1:27:A:ARG:HE	2	0.32	0.06	0.32
(3,717)	1:23:A:LEU:HD12	1:27:A:ARG:HE	2	0.32	0.06	0.32
(3,717)	1:23:A:LEU:HD13	1:27:A:ARG:HE	2	0.32	0.06	0.32
(5,2189)	1:57:A:LEU:HG	1:60:A:LEU:HD11	2	0.32	0.16	0.32
(5,2189)	1:57:A:LEU:HG	1:60:A:LEU:HD12	2	0.32	0.16	0.32
(5,2189)	1:57:A:LEU:HG	1:60:A:LEU:HD13	2	0.32	0.16	0.32
(5,2189)	1:57:A:LEU:HG	1:60:A:LEU:HD21	2	0.32	0.16	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,2189)	1:57:A:LEU:HG	1:60:A:LEU:HD22	2	0.32	0.16	0.32
(5,2189)	1:57:A:LEU:HG	1:60:A:LEU:HD23	2	0.32	0.16	0.32
(6,1002)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	2	0.32	0.14	0.32
(6,1002)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	2	0.32	0.14	0.32
(9,1016)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	2	0.32	0.14	0.32
(9,1016)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	2	0.32	0.14	0.32
(13,999)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	2	0.32	0.14	0.32
(13,999)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	2	0.32	0.14	0.32
(13,1940)	1:13:A:ALA:H	1:14:A:VAL:HG11	2	0.32	0.02	0.32
(13,1940)	1:13:A:ALA:H	1:14:A:VAL:HG12	2	0.32	0.02	0.32
(13,1940)	1:13:A:ALA:H	1:14:A:VAL:HG13	2	0.32	0.02	0.32
(13,1940)	1:13:A:ALA:H	1:14:A:VAL:HG21	2	0.32	0.02	0.32
(13,1940)	1:13:A:ALA:H	1:14:A:VAL:HG22	2	0.32	0.02	0.32
(13,1940)	1:13:A:ALA:H	1:14:A:VAL:HG23	2	0.32	0.02	0.32
(13,2096)	1:43:A:MET:HG3	1:46:A:ASN:HD21	2	0.32	0.2	0.32
(13,2096)	1:43:A:MET:HG3	1:46:A:ASN:HD22	2	0.32	0.2	0.32
(15,1020)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	2	0.32	0.14	0.32
(15,1020)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	2	0.32	0.14	0.32
(15,2172)	1:57:A:LEU:HG	1:60:A:LEU:HD11	2	0.32	0.16	0.32
(15,2172)	1:57:A:LEU:HG	1:60:A:LEU:HD12	2	0.32	0.16	0.32
(15,2172)	1:57:A:LEU:HG	1:60:A:LEU:HD13	2	0.32	0.16	0.32
(15,2172)	1:57:A:LEU:HG	1:60:A:LEU:HD21	2	0.32	0.16	0.32
(15,2172)	1:57:A:LEU:HG	1:60:A:LEU:HD22	2	0.32	0.16	0.32
(15,2172)	1:57:A:LEU:HG	1:60:A:LEU:HD23	2	0.32	0.16	0.32
(18,41)	1:43:A:MET:HA	1:47:A:ALA:H	2	0.32	0.06	0.32
(18,722)	1:23:A:LEU:HD11	1:27:A:ARG:HE	2	0.32	0.06	0.32
(18,722)	1:23:A:LEU:HD12	1:27:A:ARG:HE	2	0.32	0.06	0.32
(18,722)	1:23:A:LEU:HD13	1:27:A:ARG:HE	2	0.32	0.06	0.32
(18,965)	1:12:A:VAL:HA	1:43:A:MET:HG3	2	0.32	0.2	0.32
(30,2025)	1:18:A:PHE:HZ	1:131:A:LEU:HD11	2	0.32	0.08	0.32
(30,2025)	1:18:A:PHE:HZ	1:131:A:LEU:HD12	2	0.32	0.08	0.32
(30,2025)	1:18:A:PHE:HZ	1:131:A:LEU:HD13	2	0.32	0.08	0.32
(30,2025)	1:18:A:PHE:HZ	1:131:A:LEU:HD21	2	0.32	0.08	0.32
(30,2025)	1:18:A:PHE:HZ	1:131:A:LEU:HD22	2	0.32	0.08	0.32
(30,2025)	1:18:A:PHE:HZ	1:131:A:LEU:HD23	2	0.32	0.08	0.32
(32,782)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	2	0.32	0.1	0.32
(32,782)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	2	0.32	0.1	0.32
(32,782)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	2	0.32	0.1	0.32
(32,782)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	2	0.32	0.1	0.32
(32,782)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	2	0.32	0.1	0.32
(32,782)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	2	0.32	0.1	0.32
(34,2152)	1:43:A:MET:HG3	1:46:A:ASN:HD21	2	0.32	0.2	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,2152)	1:43:A:MET:HG3	1:46:A:ASN:HD22	2	0.32	0.2	0.32
(34,2408)	1:125:A:THR:HB	1:128:A:LEU:HD11	2	0.32	0.2	0.32
(34,2408)	1:125:A:THR:HB	1:128:A:LEU:HD12	2	0.32	0.2	0.32
(34,2408)	1:125:A:THR:HB	1:128:A:LEU:HD13	2	0.32	0.2	0.32
(34,2408)	1:125:A:THR:HB	1:128:A:LEU:HD21	2	0.32	0.2	0.32
(34,2408)	1:125:A:THR:HB	1:128:A:LEU:HD22	2	0.32	0.2	0.32
(34,2408)	1:125:A:THR:HB	1:128:A:LEU:HD23	2	0.32	0.2	0.32
(1,2108)	1:39:A:VAL:HG11	1:140:A:LEU:HG	2	0.31	0.03	0.31
(1,2108)	1:39:A:VAL:HG12	1:140:A:LEU:HG	2	0.31	0.03	0.31
(1,2108)	1:39:A:VAL:HG13	1:140:A:LEU:HG	2	0.31	0.03	0.31
(1,2108)	1:39:A:VAL:HG21	1:140:A:LEU:HG	2	0.31	0.03	0.31
(1,2108)	1:39:A:VAL:HG22	1:140:A:LEU:HG	2	0.31	0.03	0.31
(1,2108)	1:39:A:VAL:HG23	1:140:A:LEU:HG	2	0.31	0.03	0.31
(13,2065)	1:39:A:VAL:HG11	1:140:A:LEU:HG	2	0.31	0.03	0.31
(13,2065)	1:39:A:VAL:HG12	1:140:A:LEU:HG	2	0.31	0.03	0.31
(13,2065)	1:39:A:VAL:HG13	1:140:A:LEU:HG	2	0.31	0.03	0.31
(13,2065)	1:39:A:VAL:HG21	1:140:A:LEU:HG	2	0.31	0.03	0.31
(13,2065)	1:39:A:VAL:HG22	1:140:A:LEU:HG	2	0.31	0.03	0.31
(13,2065)	1:39:A:VAL:HG23	1:140:A:LEU:HG	2	0.31	0.03	0.31
(15,595)	1:70:A:LYS:HB2	1:75:A:GLY:H	2	0.31	0.03	0.31
(15,595)	1:70:A:LYS:HB3	1:75:A:GLY:H	2	0.31	0.03	0.31
(32,2097)	1:39:A:VAL:HG11	1:140:A:LEU:HG	2	0.31	0.03	0.31
(32,2097)	1:39:A:VAL:HG12	1:140:A:LEU:HG	2	0.31	0.03	0.31
(32,2097)	1:39:A:VAL:HG13	1:140:A:LEU:HG	2	0.31	0.03	0.31
(32,2097)	1:39:A:VAL:HG21	1:140:A:LEU:HG	2	0.31	0.03	0.31
(32,2097)	1:39:A:VAL:HG22	1:140:A:LEU:HG	2	0.31	0.03	0.31
(32,2097)	1:39:A:VAL:HG23	1:140:A:LEU:HG	2	0.31	0.03	0.31
(1,637)	1:9:A:PHE:HE1	1:58:A:ILE:H	2	0.31	0.06	0.31
(1,637)	1:9:A:PHE:HE2	1:58:A:ILE:H	2	0.31	0.06	0.31
(1,988)	1:66:A:THR:HG21	1:96:A:VAL:HB	2	0.31	0.1	0.31
(1,988)	1:66:A:THR:HG22	1:96:A:VAL:HB	2	0.31	0.1	0.31
(1,988)	1:66:A:THR:HG23	1:96:A:VAL:HB	2	0.31	0.1	0.31
(2,2150)	1:41:A:LYS:HA	1:44:A:GLU:HG2	2	0.31	0.14	0.31
(2,2150)	1:41:A:LYS:HA	1:44:A:GLU:HG3	2	0.31	0.14	0.31
(3,2027)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	2	0.31	0.18	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,2027)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	2	0.31	0.18	0.31
(3,2027)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	2	0.31	0.18	0.31
(5,1918)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	2	0.31	0.18	0.31
(5,1918)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	2	0.31	0.18	0.31
(6,625)	1:9:A:PHE:HE1	1:58:A:ILE:H	2	0.31	0.06	0.31
(6,625)	1:9:A:PHE:HE2	1:58:A:ILE:H	2	0.31	0.06	0.31
(7,1955)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	2	0.31	0.0	0.31
(7,1955)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	2	0.31	0.0	0.31
(7,1955)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	2	0.31	0.0	0.31
(7,1955)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	2	0.31	0.0	0.31
(7,1955)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	2	0.31	0.0	0.31
(7,1955)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	2	0.31	0.0	0.31
(7,1955)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	2	0.31	0.0	0.31
(7,1955)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	2	0.31	0.0	0.31
(7,1955)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	2	0.31	0.0	0.31
(7,1955)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	2	0.31	0.0	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1955)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	2	0.31	0.0	0.31
(7,1955)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	2	0.31	0.0	0.31
(7,1955)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	2	0.31	0.0	0.31
(7,1955)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	2	0.31	0.0	0.31
(7,1955)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	2	0.31	0.0	0.31
(7,1955)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	2	0.31	0.0	0.31
(7,1955)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	2	0.31	0.0	0.31
(7,1955)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	2	0.31	0.0	0.31
(11,632)	1:9:A:PHE:HE1	1:58:A:ILE:H	2	0.31	0.06	0.31
(11,632)	1:9:A:PHE:HE2	1:58:A:ILE:H	2	0.31	0.06	0.31
(15,1978)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	2	0.31	0.0	0.31
(15,1978)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	2	0.31	0.0	0.31
(15,1978)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	2	0.31	0.0	0.31
(15,1978)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	2	0.31	0.0	0.31
(15,1978)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	2	0.31	0.0	0.31
(15,1978)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	2	0.31	0.0	0.31
(15,1978)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	2	0.31	0.0	0.31
(15,1978)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	2	0.31	0.0	0.31
(15,1978)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	2	0.31	0.0	0.31
(15,1978)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	2	0.31	0.0	0.31
(15,1978)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	2	0.31	0.0	0.31
(15,1978)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	2	0.31	0.0	0.31
(15,1978)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	2	0.31	0.0	0.31
(15,1978)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	2	0.31	0.0	0.31
(15,1978)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	2	0.31	0.0	0.31
(15,1978)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	2	0.31	0.0	0.31
(15,1978)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	2	0.31	0.0	0.31
(15,1978)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	2	0.31	0.0	0.31
(16,748)	1:42:A:GLU:HB3	1:46:A:ASN:HD22	2	0.31	0.0	0.31
(17,631)	1:9:A:PHE:HE1	1:58:A:ILE:H	2	0.31	0.06	0.31
(17,631)	1:9:A:PHE:HE2	1:58:A:ILE:H	2	0.31	0.06	0.31
(17,655)	1:66:A:THR:H	1:116:A:GLN:HE22	2	0.31	0.19	0.31
(17,871)	1:56:A:CYS:H	1:122:A:ASP:HB3	2	0.31	0.11	0.31
(18,642)	1:9:A:PHE:HE1	1:58:A:ILE:H	2	0.31	0.06	0.31
(18,642)	1:9:A:PHE:HE2	1:58:A:ILE:H	2	0.31	0.06	0.31
(18,666)	1:66:A:THR:H	1:116:A:GLN:HE22	2	0.31	0.19	0.31
(33,839)	1:69:A:MET:HE1	1:114:A:ILE:HD11	2	0.31	0.12	0.31
(33,839)	1:69:A:MET:HE1	1:114:A:ILE:HD12	2	0.31	0.12	0.31
(33,839)	1:69:A:MET:HE1	1:114:A:ILE:HD13	2	0.31	0.12	0.31
(33,839)	1:69:A:MET:HE2	1:114:A:ILE:HD11	2	0.31	0.12	0.31
(33,839)	1:69:A:MET:HE2	1:114:A:ILE:HD12	2	0.31	0.12	0.31
(33,839)	1:69:A:MET:HE2	1:114:A:ILE:HD13	2	0.31	0.12	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,839)	1:69:A:MET:HE3	1:114:A:ILE:HD11	2	0.31	0.12	0.31
(33,839)	1:69:A:MET:HE3	1:114:A:ILE:HD12	2	0.31	0.12	0.31
(33,839)	1:69:A:MET:HE3	1:114:A:ILE:HD13	2	0.31	0.12	0.31
(34,638)	1:9:A:PHE:HE1	1:58:A:ILE:H	2	0.31	0.06	0.31
(34,638)	1:9:A:PHE:HE2	1:58:A:ILE:H	2	0.31	0.06	0.31
(3,1819)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	2	0.31	0.04	0.31
(3,1819)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	2	0.31	0.04	0.31
(3,1819)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	2	0.31	0.04	0.31
(3,1819)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	2	0.31	0.04	0.31
(3,1819)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	2	0.31	0.04	0.31
(3,1819)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	2	0.31	0.04	0.31
(3,1963)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	2	0.31	0.02	0.31
(3,1963)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	2	0.31	0.02	0.31
(3,1963)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	2	0.31	0.02	0.31
(3,1963)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	2	0.31	0.02	0.31
(3,1963)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	2	0.31	0.02	0.31
(3,1963)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	2	0.31	0.02	0.31
(4,1920)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	2	0.31	0.02	0.31
(4,1920)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	2	0.31	0.02	0.31
(4,1920)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	2	0.31	0.02	0.31
(4,1920)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	2	0.31	0.02	0.31
(4,1920)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	2	0.31	0.02	0.31
(4,1920)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	2	0.31	0.02	0.31
(6,1951)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	2	0.31	0.02	0.31
(6,1951)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	2	0.31	0.02	0.31
(6,1951)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	2	0.31	0.02	0.31
(6,1951)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	2	0.31	0.02	0.31
(6,1951)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	2	0.31	0.02	0.31
(6,1951)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	2	0.31	0.02	0.31
(9,1934)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	2	0.31	0.02	0.31
(9,1934)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	2	0.31	0.02	0.31
(9,1934)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	2	0.31	0.02	0.31
(9,1934)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	2	0.31	0.02	0.31
(9,1934)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	2	0.31	0.02	0.31
(9,1934)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	2	0.31	0.02	0.31
(11,1958)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	2	0.31	0.02	0.31
(11,1958)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	2	0.31	0.02	0.31
(11,1958)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	2	0.31	0.02	0.31
(11,1958)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	2	0.31	0.02	0.31
(11,1958)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	2	0.31	0.02	0.31
(11,1958)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	2	0.31	0.02	0.31
(18,1934)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	2	0.31	0.02	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,1934)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	2	0.31	0.02	0.31
(18,1934)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	2	0.31	0.02	0.31
(18,1934)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	2	0.31	0.02	0.31
(18,1934)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	2	0.31	0.02	0.31
(18,1934)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	2	0.31	0.02	0.31
(30,1946)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	2	0.31	0.02	0.31
(30,1946)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	2	0.31	0.02	0.31
(30,1946)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	2	0.31	0.02	0.31
(30,1946)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	2	0.31	0.02	0.31
(30,1946)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	2	0.31	0.02	0.31
(30,1946)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	2	0.31	0.02	0.31
(32,1906)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	2	0.31	0.02	0.31
(32,1906)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	2	0.31	0.02	0.31
(32,1906)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	2	0.31	0.02	0.31
(32,1906)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	2	0.31	0.02	0.31
(32,1906)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	2	0.31	0.02	0.31
(32,1906)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	2	0.31	0.02	0.31
(1,1973)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	2	0.3	0.06	0.3
(1,1973)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	2	0.3	0.06	0.3
(1,1973)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	2	0.3	0.06	0.3
(1,1973)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	2	0.3	0.06	0.3
(1,1973)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	2	0.3	0.06	0.3
(1,1973)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	2	0.3	0.06	0.3
(1,2243)	1:75:A:GLY:H	1:76:A:ARG:HB2	2	0.3	0.08	0.3
(1,2243)	1:75:A:GLY:H	1:76:A:ARG:HB3	2	0.3	0.08	0.3
(3,2294)	1:75:A:GLY:H	1:76:A:ARG:HB2	2	0.3	0.08	0.3
(3,2294)	1:75:A:GLY:H	1:76:A:ARG:HB3	2	0.3	0.08	0.3
(5,2268)	1:75:A:GLY:H	1:76:A:ARG:HB2	2	0.3	0.08	0.3
(5,2268)	1:75:A:GLY:H	1:76:A:ARG:HB3	2	0.3	0.08	0.3
(6,2269)	1:75:A:GLY:H	1:76:A:ARG:HB2	2	0.3	0.08	0.3
(6,2269)	1:75:A:GLY:H	1:76:A:ARG:HB3	2	0.3	0.08	0.3
(7,2242)	1:75:A:GLY:H	1:76:A:ARG:HB2	2	0.3	0.08	0.3
(7,2242)	1:75:A:GLY:H	1:76:A:ARG:HB3	2	0.3	0.08	0.3
(9,2218)	1:75:A:GLY:H	1:76:A:ARG:HB2	2	0.3	0.08	0.3
(9,2218)	1:75:A:GLY:H	1:76:A:ARG:HB3	2	0.3	0.08	0.3
(11,2281)	1:75:A:GLY:H	1:76:A:ARG:HB2	2	0.3	0.08	0.3
(11,2281)	1:75:A:GLY:H	1:76:A:ARG:HB3	2	0.3	0.08	0.3
(17,428)	1:68:A:LYS:H	1:68:A:LYS:HE2	2	0.3	0.06	0.3
(17,428)	1:68:A:LYS:H	1:68:A:LYS:HE3	2	0.3	0.06	0.3
(17,2440)	1:139:A:LEU:H	1:140:A:LEU:HD11	2	0.3	0.2	0.3
(17,2440)	1:139:A:LEU:H	1:140:A:LEU:HD12	2	0.3	0.2	0.3
(17,2440)	1:139:A:LEU:H	1:140:A:LEU:HD13	2	0.3	0.2	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,2440)	1:139:A:LEU:H	1:140:A:LEU:HD21	2	0.3	0.2	0.3
(17,2440)	1:139:A:LEU:H	1:140:A:LEU:HD22	2	0.3	0.2	0.3
(17,2440)	1:139:A:LEU:H	1:140:A:LEU:HD23	2	0.3	0.2	0.3
(33,2143)	1:42:A:GLU:HB2	1:140:A:LEU:HD21	2	0.3	0.12	0.3
(33,2143)	1:42:A:GLU:HB2	1:140:A:LEU:HD22	2	0.3	0.12	0.3
(33,2143)	1:42:A:GLU:HB2	1:140:A:LEU:HD23	2	0.3	0.12	0.3
(33,2143)	1:42:A:GLU:HB3	1:140:A:LEU:HD21	2	0.3	0.12	0.3
(33,2143)	1:42:A:GLU:HB3	1:140:A:LEU:HD22	2	0.3	0.12	0.3
(33,2143)	1:42:A:GLU:HB3	1:140:A:LEU:HD23	2	0.3	0.12	0.3
(33,2279)	1:75:A:GLY:H	1:76:A:ARG:HB2	2	0.3	0.08	0.3
(33,2279)	1:75:A:GLY:H	1:76:A:ARG:HB3	2	0.3	0.08	0.3
(3,1090)	1:38:A:GLU:HA	1:42:A:GLU:H	2	0.3	0.02	0.3
(1,68)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3	0.0	0.3
(1,1386)	1:49:A:LYS:HG2	1:50:A:ALA:HA	2	0.3	0.17	0.3
(1,1386)	1:49:A:LYS:HG3	1:50:A:ALA:HA	2	0.3	0.17	0.3
(2,64)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3	0.0	0.3
(2,1056)	1:71:A:LYS:HG3	1:72:A:PHE:HA	2	0.3	0.05	0.3
(2,2092)	1:35:A:LEU:HD11	1:39:A:VAL:HB	2	0.3	0.05	0.3
(2,2092)	1:35:A:LEU:HD12	1:39:A:VAL:HB	2	0.3	0.05	0.3
(2,2092)	1:35:A:LEU:HD13	1:39:A:VAL:HB	2	0.3	0.05	0.3
(2,2092)	1:35:A:LEU:HD21	1:39:A:VAL:HB	2	0.3	0.05	0.3
(2,2092)	1:35:A:LEU:HD22	1:39:A:VAL:HB	2	0.3	0.05	0.3
(2,2092)	1:35:A:LEU:HD23	1:39:A:VAL:HB	2	0.3	0.05	0.3
(3,67)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3	0.0	0.3
(3,1408)	1:49:A:LYS:HG2	1:50:A:ALA:HA	2	0.3	0.17	0.3
(3,1408)	1:49:A:LYS:HG3	1:50:A:ALA:HA	2	0.3	0.17	0.3
(5,61)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3	0.0	0.3
(5,2039)	1:29:A:LYS:HB2	1:30:A:LEU:HD11	2	0.3	0.09	0.3
(5,2039)	1:29:A:LYS:HB2	1:30:A:LEU:HD12	2	0.3	0.09	0.3
(5,2039)	1:29:A:LYS:HB2	1:30:A:LEU:HD13	2	0.3	0.09	0.3
(5,2039)	1:29:A:LYS:HB2	1:30:A:LEU:HD21	2	0.3	0.09	0.3
(5,2039)	1:29:A:LYS:HB2	1:30:A:LEU:HD22	2	0.3	0.09	0.3
(5,2039)	1:29:A:LYS:HB2	1:30:A:LEU:HD23	2	0.3	0.09	0.3
(5,2039)	1:29:A:LYS:HB3	1:30:A:LEU:HD11	2	0.3	0.09	0.3
(5,2039)	1:29:A:LYS:HB3	1:30:A:LEU:HD12	2	0.3	0.09	0.3
(5,2039)	1:29:A:LYS:HB3	1:30:A:LEU:HD13	2	0.3	0.09	0.3
(5,2039)	1:29:A:LYS:HB3	1:30:A:LEU:HD21	2	0.3	0.09	0.3
(5,2039)	1:29:A:LYS:HB3	1:30:A:LEU:HD22	2	0.3	0.09	0.3
(5,2039)	1:29:A:LYS:HB3	1:30:A:LEU:HD23	2	0.3	0.09	0.3
(5,2061)	1:35:A:LEU:HD11	1:39:A:VAL:HB	2	0.3	0.05	0.3
(5,2061)	1:35:A:LEU:HD12	1:39:A:VAL:HB	2	0.3	0.05	0.3
(5,2061)	1:35:A:LEU:HD13	1:39:A:VAL:HB	2	0.3	0.05	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,2061)	1:35:A:LEU:HD21	1:39:A:VAL:HB	2	0.3	0.05	0.3
(5,2061)	1:35:A:LEU:HD22	1:39:A:VAL:HB	2	0.3	0.05	0.3
(5,2061)	1:35:A:LEU:HD23	1:39:A:VAL:HB	2	0.3	0.05	0.3
(5,2388)	1:125:A:THR:HB	1:129:A:LYS:HG2	2	0.3	0.05	0.3
(5,2388)	1:125:A:THR:HB	1:129:A:LYS:HG3	2	0.3	0.05	0.3
(6,1378)	1:49:A:LYS:HG2	1:50:A:ALA:HA	2	0.3	0.17	0.3
(6,1378)	1:49:A:LYS:HG3	1:50:A:ALA:HA	2	0.3	0.17	0.3
(7,63)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3	0.0	0.3
(7,2044)	1:35:A:LEU:HD11	1:39:A:VAL:HB	2	0.3	0.05	0.3
(7,2044)	1:35:A:LEU:HD12	1:39:A:VAL:HB	2	0.3	0.05	0.3
(7,2044)	1:35:A:LEU:HD13	1:39:A:VAL:HB	2	0.3	0.05	0.3
(7,2044)	1:35:A:LEU:HD21	1:39:A:VAL:HB	2	0.3	0.05	0.3
(7,2044)	1:35:A:LEU:HD22	1:39:A:VAL:HB	2	0.3	0.05	0.3
(7,2044)	1:35:A:LEU:HD23	1:39:A:VAL:HB	2	0.3	0.05	0.3
(9,66)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3	0.0	0.3
(11,70)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3	0.0	0.3
(11,1402)	1:49:A:LYS:HG2	1:50:A:ALA:HA	2	0.3	0.17	0.3
(11,1402)	1:49:A:LYS:HG3	1:50:A:ALA:HA	2	0.3	0.17	0.3
(11,2089)	1:35:A:LEU:HD11	1:39:A:VAL:HB	2	0.3	0.05	0.3
(11,2089)	1:35:A:LEU:HD12	1:39:A:VAL:HB	2	0.3	0.05	0.3
(11,2089)	1:35:A:LEU:HD13	1:39:A:VAL:HB	2	0.3	0.05	0.3
(11,2089)	1:35:A:LEU:HD21	1:39:A:VAL:HB	2	0.3	0.05	0.3
(11,2089)	1:35:A:LEU:HD22	1:39:A:VAL:HB	2	0.3	0.05	0.3
(11,2089)	1:35:A:LEU:HD23	1:39:A:VAL:HB	2	0.3	0.05	0.3
(11,2392)	1:125:A:THR:HB	1:129:A:LYS:HG2	2	0.3	0.05	0.3
(11,2392)	1:125:A:THR:HB	1:129:A:LYS:HG3	2	0.3	0.05	0.3
(13,63)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3	0.0	0.3
(13,1359)	1:49:A:LYS:HG2	1:50:A:ALA:HA	2	0.3	0.17	0.3
(13,1359)	1:49:A:LYS:HG3	1:50:A:ALA:HA	2	0.3	0.17	0.3
(13,2033)	1:35:A:LEU:HD11	1:39:A:VAL:HB	2	0.3	0.05	0.3
(13,2033)	1:35:A:LEU:HD12	1:39:A:VAL:HB	2	0.3	0.05	0.3
(13,2033)	1:35:A:LEU:HD13	1:39:A:VAL:HB	2	0.3	0.05	0.3
(13,2033)	1:35:A:LEU:HD21	1:39:A:VAL:HB	2	0.3	0.05	0.3
(13,2033)	1:35:A:LEU:HD22	1:39:A:VAL:HB	2	0.3	0.05	0.3
(13,2033)	1:35:A:LEU:HD23	1:39:A:VAL:HB	2	0.3	0.05	0.3
(15,69)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3	0.0	0.3
(15,2049)	1:35:A:LEU:HD11	1:39:A:VAL:HB	2	0.3	0.05	0.3
(15,2049)	1:35:A:LEU:HD12	1:39:A:VAL:HB	2	0.3	0.05	0.3
(15,2049)	1:35:A:LEU:HD13	1:39:A:VAL:HB	2	0.3	0.05	0.3
(15,2049)	1:35:A:LEU:HD21	1:39:A:VAL:HB	2	0.3	0.05	0.3
(15,2049)	1:35:A:LEU:HD22	1:39:A:VAL:HB	2	0.3	0.05	0.3
(15,2049)	1:35:A:LEU:HD23	1:39:A:VAL:HB	2	0.3	0.05	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,64)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3	0.0	0.3
(16,2085)	1:35:A:LEU:HD11	1:39:A:VAL:HB	2	0.3	0.05	0.3
(16,2085)	1:35:A:LEU:HD12	1:39:A:VAL:HB	2	0.3	0.05	0.3
(16,2085)	1:35:A:LEU:HD13	1:39:A:VAL:HB	2	0.3	0.05	0.3
(16,2085)	1:35:A:LEU:HD21	1:39:A:VAL:HB	2	0.3	0.05	0.3
(16,2085)	1:35:A:LEU:HD22	1:39:A:VAL:HB	2	0.3	0.05	0.3
(16,2085)	1:35:A:LEU:HD23	1:39:A:VAL:HB	2	0.3	0.05	0.3
(17,65)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3	0.0	0.3
(18,70)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3	0.0	0.3
(18,2072)	1:35:A:LEU:HD11	1:39:A:VAL:HB	2	0.3	0.05	0.3
(18,2072)	1:35:A:LEU:HD12	1:39:A:VAL:HB	2	0.3	0.05	0.3
(18,2072)	1:35:A:LEU:HD13	1:39:A:VAL:HB	2	0.3	0.05	0.3
(18,2072)	1:35:A:LEU:HD21	1:39:A:VAL:HB	2	0.3	0.05	0.3
(18,2072)	1:35:A:LEU:HD22	1:39:A:VAL:HB	2	0.3	0.05	0.3
(18,2072)	1:35:A:LEU:HD23	1:39:A:VAL:HB	2	0.3	0.05	0.3
(29,68)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3	0.0	0.3
(29,2090)	1:35:A:LEU:HD11	1:39:A:VAL:HB	2	0.3	0.05	0.3
(29,2090)	1:35:A:LEU:HD12	1:39:A:VAL:HB	2	0.3	0.05	0.3
(29,2090)	1:35:A:LEU:HD13	1:39:A:VAL:HB	2	0.3	0.05	0.3
(29,2090)	1:35:A:LEU:HD21	1:39:A:VAL:HB	2	0.3	0.05	0.3
(29,2090)	1:35:A:LEU:HD22	1:39:A:VAL:HB	2	0.3	0.05	0.3
(29,2090)	1:35:A:LEU:HD23	1:39:A:VAL:HB	2	0.3	0.05	0.3
(30,65)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3	0.0	0.3
(30,2077)	1:35:A:LEU:HD11	1:39:A:VAL:HB	2	0.3	0.05	0.3
(30,2077)	1:35:A:LEU:HD12	1:39:A:VAL:HB	2	0.3	0.05	0.3
(30,2077)	1:35:A:LEU:HD13	1:39:A:VAL:HB	2	0.3	0.05	0.3
(30,2077)	1:35:A:LEU:HD21	1:39:A:VAL:HB	2	0.3	0.05	0.3
(30,2077)	1:35:A:LEU:HD22	1:39:A:VAL:HB	2	0.3	0.05	0.3
(30,2077)	1:35:A:LEU:HD23	1:39:A:VAL:HB	2	0.3	0.05	0.3
(32,61)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3	0.0	0.3
(32,1349)	1:49:A:LYS:HG2	1:50:A:ALA:HA	2	0.3	0.17	0.3
(32,1349)	1:49:A:LYS:HG3	1:50:A:ALA:HA	2	0.3	0.17	0.3
(33,71)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3	0.0	0.3
(2,1230)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(2,1230)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(2,1230)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(3,1016)	1:31:A:PRO:HA	1:32:A:GLY:H	2	0.3	0.05	0.3
(4,986)	1:31:A:PRO:HA	1:32:A:GLY:H	2	0.3	0.05	0.3
(4,1213)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(4,1213)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(4,1213)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(5,1002)	1:31:A:PRO:HA	1:32:A:GLY:H	2	0.3	0.05	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,986)	1:31:A:PRO:HA	1:32:A:GLY:H	2	0.3	0.05	0.3
(6,1230)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(6,1230)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(6,1230)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(7,1214)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(7,1214)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(7,1214)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(9,998)	1:31:A:PRO:HA	1:32:A:GLY:H	2	0.3	0.05	0.3
(11,1007)	1:31:A:PRO:HA	1:32:A:GLY:H	2	0.3	0.05	0.3
(11,1253)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(11,1253)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(11,1253)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(13,979)	1:31:A:PRO:HA	1:32:A:GLY:H	2	0.3	0.05	0.3
(13,1212)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(13,1212)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(13,1212)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(15,804)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	2	0.3	0.11	0.3
(15,804)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	2	0.3	0.11	0.3
(15,804)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	2	0.3	0.11	0.3
(15,804)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	2	0.3	0.11	0.3
(15,804)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	2	0.3	0.11	0.3
(15,804)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	2	0.3	0.11	0.3
(15,1004)	1:31:A:PRO:HA	1:32:A:GLY:H	2	0.3	0.05	0.3
(15,1236)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(15,1236)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(15,1236)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(16,1019)	1:31:A:PRO:HA	1:32:A:GLY:H	2	0.3	0.05	0.3
(16,1242)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(16,1242)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(16,1242)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(17,1005)	1:31:A:PRO:HA	1:32:A:GLY:H	2	0.3	0.05	0.3
(17,2443)	1:139:A:LEU:HB2	1:140:A:LEU:HD11	2	0.3	0.16	0.3
(17,2443)	1:139:A:LEU:HB2	1:140:A:LEU:HD12	2	0.3	0.16	0.3
(17,2443)	1:139:A:LEU:HB2	1:140:A:LEU:HD13	2	0.3	0.16	0.3
(17,2443)	1:139:A:LEU:HB2	1:140:A:LEU:HD21	2	0.3	0.16	0.3
(17,2443)	1:139:A:LEU:HB2	1:140:A:LEU:HD22	2	0.3	0.16	0.3
(17,2443)	1:139:A:LEU:HB2	1:140:A:LEU:HD23	2	0.3	0.16	0.3
(17,2443)	1:139:A:LEU:HB3	1:140:A:LEU:HD11	2	0.3	0.16	0.3
(17,2443)	1:139:A:LEU:HB3	1:140:A:LEU:HD12	2	0.3	0.16	0.3
(17,2443)	1:139:A:LEU:HB3	1:140:A:LEU:HD13	2	0.3	0.16	0.3
(17,2443)	1:139:A:LEU:HB3	1:140:A:LEU:HD21	2	0.3	0.16	0.3
(17,2443)	1:139:A:LEU:HB3	1:140:A:LEU:HD22	2	0.3	0.16	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,2443)	1:139:A:LEU:HB3	1:140:A:LEU:HD23	2	0.3	0.16	0.3
(18,1011)	1:31:A:PRO:HA	1:32:A:GLY:H	2	0.3	0.05	0.3
(29,1010)	1:31:A:PRO:HA	1:32:A:GLY:H	2	0.3	0.05	0.3
(29,1250)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(29,1250)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(29,1250)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(30,1232)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(30,1232)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(30,1232)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(32,1204)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(32,1204)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(32,1204)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(33,1243)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(33,1243)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(33,1243)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	2	0.3	0.04	0.3
(33,2428)	1:129:A:LYS:HG2	1:130:A:GLY:H	2	0.3	0.05	0.3
(33,2428)	1:129:A:LYS:HG3	1:130:A:GLY:H	2	0.3	0.05	0.3
(34,1025)	1:31:A:PRO:HA	1:32:A:GLY:H	2	0.3	0.05	0.3
(2,2311)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(2,2311)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(2,2311)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(2,2311)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(2,2311)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(2,2311)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(2,2311)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(2,2311)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(2,2311)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(2,2311)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(2,2311)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(2,2311)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(3,2321)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(3,2321)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(3,2321)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(3,2321)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(3,2321)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(3,2321)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(3,2321)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(3,2321)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(3,2321)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(3,2321)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(3,2321)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(3,2321)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	2	0.3	0.15	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1965)	1:13:A:ALA:H	1:40:A:LEU:HD11	2	0.3	0.12	0.3
(4,1965)	1:13:A:ALA:H	1:40:A:LEU:HD12	2	0.3	0.12	0.3
(4,1965)	1:13:A:ALA:H	1:40:A:LEU:HD13	2	0.3	0.12	0.3
(4,1965)	1:13:A:ALA:H	1:40:A:LEU:HD21	2	0.3	0.12	0.3
(4,1965)	1:13:A:ALA:H	1:40:A:LEU:HD22	2	0.3	0.12	0.3
(4,1965)	1:13:A:ALA:H	1:40:A:LEU:HD23	2	0.3	0.12	0.3
(4,2284)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(4,2284)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(4,2284)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(4,2284)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(4,2284)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(4,2284)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(4,2284)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(4,2284)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(4,2284)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(4,2284)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(4,2284)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(4,2284)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(5,1987)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	2	0.3	0.12	0.3
(5,1987)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	2	0.3	0.12	0.3
(5,1987)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	2	0.3	0.12	0.3
(5,1987)	1:14:A:VAL:HG21	1:60:A:LEU:HD21	2	0.3	0.12	0.3
(5,1987)	1:14:A:VAL:HG21	1:60:A:LEU:HD22	2	0.3	0.12	0.3
(5,1987)	1:14:A:VAL:HG21	1:60:A:LEU:HD23	2	0.3	0.12	0.3
(5,1987)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	2	0.3	0.12	0.3
(5,1987)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	2	0.3	0.12	0.3
(5,1987)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	2	0.3	0.12	0.3
(5,1987)	1:14:A:VAL:HG22	1:60:A:LEU:HD21	2	0.3	0.12	0.3
(5,1987)	1:14:A:VAL:HG22	1:60:A:LEU:HD22	2	0.3	0.12	0.3
(5,1987)	1:14:A:VAL:HG22	1:60:A:LEU:HD23	2	0.3	0.12	0.3
(5,1987)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	2	0.3	0.12	0.3
(5,1987)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	2	0.3	0.12	0.3
(5,1987)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	2	0.3	0.12	0.3
(5,1987)	1:14:A:VAL:HG23	1:60:A:LEU:HD21	2	0.3	0.12	0.3
(5,1987)	1:14:A:VAL:HG23	1:60:A:LEU:HD22	2	0.3	0.12	0.3
(5,1987)	1:14:A:VAL:HG23	1:60:A:LEU:HD23	2	0.3	0.12	0.3
(7,2266)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(7,2266)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(7,2266)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(7,2266)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(7,2266)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(7,2266)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	2	0.3	0.15	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,2266)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(7,2266)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(7,2266)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(7,2266)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(7,2266)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(7,2266)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(13,430)	1:68:A:LYS:H	1:68:A:LYS:HE2	2	0.3	0.06	0.3
(13,430)	1:68:A:LYS:H	1:68:A:LYS:HE3	2	0.3	0.06	0.3
(13,2265)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(13,2265)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(13,2265)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(13,2265)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(13,2265)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(13,2265)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(13,2265)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(13,2265)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(13,2265)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(13,2265)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(13,2265)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(13,2265)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(17,1131)	1:143:A:TRP:HA	1:143:A:TRP:HE3	2	0.3	0.15	0.3
(17,2279)	1:76:A:ARG:HB2	1:113:A:PHE:HE1	2	0.3	0.19	0.3
(17,2279)	1:76:A:ARG:HB2	1:113:A:PHE:HE2	2	0.3	0.19	0.3
(17,2279)	1:76:A:ARG:HB3	1:113:A:PHE:HE1	2	0.3	0.19	0.3
(17,2279)	1:76:A:ARG:HB3	1:113:A:PHE:HE2	2	0.3	0.19	0.3
(29,2284)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(29,2284)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(29,2284)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(29,2284)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(29,2284)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(29,2284)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(29,2284)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(29,2284)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(29,2284)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(29,2284)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(29,2284)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(29,2284)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(30,2300)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(30,2300)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(30,2300)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(30,2300)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(30,2300)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	2	0.3	0.15	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,2300)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(30,2300)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(30,2300)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(30,2300)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(30,2300)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(30,2300)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	2	0.3	0.15	0.3
(30,2300)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	2	0.3	0.15	0.3
(32,567)	1:129:A:LYS:HG2	1:130:A:GLY:H	2	0.3	0.12	0.3
(33,580)	1:129:A:LYS:HG2	1:130:A:GLY:H	2	0.3	0.12	0.3
(33,1118)	1:143:A:TRP:HA	1:143:A:TRP:HE3	2	0.3	0.15	0.3
(1,1780)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(1,1780)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(1,1780)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(2,911)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(2,911)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(2,911)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(3,1799)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(3,1799)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(3,1799)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(4,1748)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(4,1748)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(4,1748)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(5,1507)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	2	0.29	0.16	0.29
(5,1507)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	2	0.29	0.16	0.29
(5,1507)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	2	0.29	0.16	0.29
(5,1507)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	2	0.29	0.16	0.29
(5,1507)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	2	0.29	0.16	0.29
(5,1507)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	2	0.29	0.16	0.29
(5,1507)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	2	0.29	0.16	0.29
(5,1507)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	2	0.29	0.16	0.29
(5,1507)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	2	0.29	0.16	0.29
(5,1793)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(5,1793)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(5,1793)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(6,1772)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(6,1772)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(6,1772)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(7,908)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(7,908)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(7,908)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(11,1803)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(11,1803)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	2	0.29	0.05	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,1803)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(13,900)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(13,900)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(13,900)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(17,1782)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(17,1782)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(17,1782)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(17,1834)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	2	0.29	0.09	0.29
(17,1834)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	2	0.29	0.09	0.29
(17,1834)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	2	0.29	0.09	0.29
(17,1834)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	2	0.29	0.09	0.29
(17,1834)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	2	0.29	0.09	0.29
(17,1834)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	2	0.29	0.09	0.29
(18,1750)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(18,1750)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(18,1750)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(29,1787)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(29,1787)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(29,1787)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(30,1770)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(30,1770)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(30,1770)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(32,1782)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	2	0.29	0.09	0.29
(32,1782)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	2	0.29	0.09	0.29
(32,1782)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	2	0.29	0.09	0.29
(32,1782)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	2	0.29	0.09	0.29
(32,1782)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	2	0.29	0.09	0.29
(32,1782)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	2	0.29	0.09	0.29
(32,1898)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	2	0.29	0.17	0.29
(32,1898)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	2	0.29	0.17	0.29
(33,1378)	1:103:A:ARG:HD2	1:107:A:LEU:HD11	2	0.29	0.03	0.29
(33,1378)	1:103:A:ARG:HD2	1:107:A:LEU:HD12	2	0.29	0.03	0.29
(33,1378)	1:103:A:ARG:HD2	1:107:A:LEU:HD13	2	0.29	0.03	0.29
(33,1378)	1:103:A:ARG:HD3	1:107:A:LEU:HD11	2	0.29	0.03	0.29
(33,1378)	1:103:A:ARG:HD3	1:107:A:LEU:HD12	2	0.29	0.03	0.29
(33,1378)	1:103:A:ARG:HD3	1:107:A:LEU:HD13	2	0.29	0.03	0.29
(34,599)	1:70:A:LYS:HB2	1:75:A:GLY:H	2	0.29	0.03	0.29
(34,599)	1:70:A:LYS:HB3	1:75:A:GLY:H	2	0.29	0.03	0.29
(34,1779)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(34,1779)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(34,1779)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	2	0.29	0.05	0.29
(2,829)	1:69:A:MET:HE1	1:114:A:ILE:HD11	2	0.29	0.12	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,829)	1:69:A:MET:HE1	1:114:A:ILE:HD12	2	0.29	0.12	0.29
(2,829)	1:69:A:MET:HE1	1:114:A:ILE:HD13	2	0.29	0.12	0.29
(2,829)	1:69:A:MET:HE2	1:114:A:ILE:HD11	2	0.29	0.12	0.29
(2,829)	1:69:A:MET:HE2	1:114:A:ILE:HD12	2	0.29	0.12	0.29
(2,829)	1:69:A:MET:HE2	1:114:A:ILE:HD13	2	0.29	0.12	0.29
(2,829)	1:69:A:MET:HE3	1:114:A:ILE:HD11	2	0.29	0.12	0.29
(2,829)	1:69:A:MET:HE3	1:114:A:ILE:HD12	2	0.29	0.12	0.29
(2,829)	1:69:A:MET:HE3	1:114:A:ILE:HD13	2	0.29	0.12	0.29
(4,1750)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	2	0.29	0.18	0.29
(5,1572)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	2	0.29	0.19	0.29
(5,1572)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	2	0.29	0.19	0.29
(5,1572)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	2	0.29	0.19	0.29
(5,1572)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	2	0.29	0.19	0.29
(5,1572)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	2	0.29	0.19	0.29
(5,1572)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	2	0.29	0.19	0.29
(5,1572)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	2	0.29	0.19	0.29
(5,1572)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	2	0.29	0.19	0.29
(5,1572)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	2	0.29	0.19	0.29
(13,2035)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	2	0.29	0.07	0.29
(13,2035)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	2	0.29	0.07	0.29
(13,2035)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	2	0.29	0.07	0.29
(13,2035)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	2	0.29	0.07	0.29
(13,2035)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	2	0.29	0.07	0.29
(13,2035)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	2	0.29	0.07	0.29
(16,2318)	1:106:A:ASP:H	1:107:A:LEU:HD11	2	0.29	0.12	0.29
(16,2318)	1:106:A:ASP:H	1:107:A:LEU:HD12	2	0.29	0.12	0.29
(16,2318)	1:106:A:ASP:H	1:107:A:LEU:HD13	2	0.29	0.12	0.29
(16,2318)	1:106:A:ASP:H	1:107:A:LEU:HD21	2	0.29	0.12	0.29
(16,2318)	1:106:A:ASP:H	1:107:A:LEU:HD22	2	0.29	0.12	0.29
(16,2318)	1:106:A:ASP:H	1:107:A:LEU:HD23	2	0.29	0.12	0.29
(34,803)	1:11:A:ILE:HD11	1:47:A:ALA:HB1	2	0.29	0.18	0.29
(34,803)	1:11:A:ILE:HD11	1:47:A:ALA:HB2	2	0.29	0.18	0.29
(34,803)	1:11:A:ILE:HD11	1:47:A:ALA:HB3	2	0.29	0.18	0.29
(34,803)	1:11:A:ILE:HD12	1:47:A:ALA:HB1	2	0.29	0.18	0.29
(34,803)	1:11:A:ILE:HD12	1:47:A:ALA:HB2	2	0.29	0.18	0.29
(34,803)	1:11:A:ILE:HD12	1:47:A:ALA:HB3	2	0.29	0.18	0.29
(34,803)	1:11:A:ILE:HD13	1:47:A:ALA:HB1	2	0.29	0.18	0.29
(34,803)	1:11:A:ILE:HD13	1:47:A:ALA:HB2	2	0.29	0.18	0.29
(34,803)	1:11:A:ILE:HD13	1:47:A:ALA:HB3	2	0.29	0.18	0.29
(1,732)	1:76:A:ARG:HA	1:76:A:ARG:HE	2	0.29	0.01	0.29
(1,1784)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(1,1784)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	2	0.29	0.18	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,716)	1:76:A:ARG:HA	1:76:A:ARG:HE	2	0.29	0.01	0.29
(2,1791)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(2,1791)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(2,2465)	1:141:A:LYS:H	1:148:A:CYS:HB2	2	0.29	0.12	0.29
(2,2465)	1:141:A:LYS:H	1:148:A:CYS:HB3	2	0.29	0.12	0.29
(3,1802)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(3,1802)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(4,951)	1:70:A:LYS:HB2	1:74:A:PRO:HA	2	0.29	0.0	0.29
(4,951)	1:70:A:LYS:HB3	1:74:A:PRO:HA	2	0.29	0.0	0.29
(4,2464)	1:141:A:LYS:H	1:148:A:CYS:HB2	2	0.29	0.12	0.29
(4,2464)	1:141:A:LYS:H	1:148:A:CYS:HB3	2	0.29	0.12	0.29
(5,724)	1:76:A:ARG:HA	1:76:A:ARG:HE	2	0.29	0.01	0.29
(5,1798)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(5,1798)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(6,1779)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(6,1779)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(6,2465)	1:141:A:LYS:H	1:148:A:CYS:HB2	2	0.29	0.12	0.29
(6,2465)	1:141:A:LYS:H	1:148:A:CYS:HB3	2	0.29	0.12	0.29
(7,715)	1:76:A:ARG:HA	1:76:A:ARG:HE	2	0.29	0.01	0.29
(7,1733)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(7,1733)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(7,1824)	1:9:A:PHE:HZ	1:11:A:ILE:HA	2	0.29	0.02	0.29
(9,714)	1:76:A:ARG:HA	1:76:A:ARG:HE	2	0.29	0.01	0.29
(9,1736)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	2	0.29	0.06	0.29
(9,1736)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	2	0.29	0.06	0.29
(9,1736)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	2	0.29	0.06	0.29
(9,1736)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	2	0.29	0.06	0.29
(9,1766)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(9,1766)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(11,723)	1:76:A:ARG:HA	1:76:A:ARG:HE	2	0.29	0.01	0.29
(11,1807)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(11,1807)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(11,1877)	1:9:A:PHE:HZ	1:11:A:ILE:HA	2	0.29	0.02	0.29
(11,2309)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	2	0.29	0.11	0.29
(11,2309)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	2	0.29	0.11	0.29
(11,2309)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	2	0.29	0.11	0.29
(11,2309)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	2	0.29	0.11	0.29
(11,2309)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	2	0.29	0.11	0.29
(11,2309)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	2	0.29	0.11	0.29
(11,2309)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	2	0.29	0.11	0.29
(11,2309)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	2	0.29	0.11	0.29
(11,2309)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	2	0.29	0.11	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,2309)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	2	0.29	0.11	0.29
(11,2309)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	2	0.29	0.11	0.29
(11,2309)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	2	0.29	0.11	0.29
(11,2309)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	2	0.29	0.11	0.29
(11,2309)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	2	0.29	0.11	0.29
(11,2309)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	2	0.29	0.11	0.29
(11,2309)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	2	0.29	0.11	0.29
(11,2309)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	2	0.29	0.11	0.29
(11,2309)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	2	0.29	0.11	0.29
(11,2451)	1:141:A:LYS:H	1:148:A:CYS:HB2	2	0.29	0.12	0.29
(11,2451)	1:141:A:LYS:H	1:148:A:CYS:HB3	2	0.29	0.12	0.29
(13,1736)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(13,1736)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(13,1815)	1:9:A:PHE:HZ	1:11:A:ILE:HA	2	0.29	0.02	0.29
(13,2451)	1:141:A:LYS:H	1:148:A:CYS:HB2	2	0.29	0.12	0.29
(13,2451)	1:141:A:LYS:H	1:148:A:CYS:HB3	2	0.29	0.12	0.29
(15,1760)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(15,1760)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(15,2468)	1:141:A:LYS:H	1:148:A:CYS:HB2	2	0.29	0.12	0.29
(15,2468)	1:141:A:LYS:H	1:148:A:CYS:HB3	2	0.29	0.12	0.29
(16,732)	1:76:A:ARG:HA	1:76:A:ARG:HE	2	0.29	0.01	0.29
(16,1765)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(16,1765)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(16,2465)	1:141:A:LYS:H	1:148:A:CYS:HB2	2	0.29	0.12	0.29
(16,2465)	1:141:A:LYS:H	1:148:A:CYS:HB3	2	0.29	0.12	0.29
(17,728)	1:76:A:ARG:HA	1:76:A:ARG:HE	2	0.29	0.01	0.29
(18,712)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	2	0.29	0.02	0.29
(18,712)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	2	0.29	0.02	0.29
(18,712)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	2	0.29	0.02	0.29
(18,1753)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(18,1753)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(18,2451)	1:141:A:LYS:H	1:148:A:CYS:HB2	2	0.29	0.12	0.29
(18,2451)	1:141:A:LYS:H	1:148:A:CYS:HB3	2	0.29	0.12	0.29
(29,1793)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(29,1793)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(29,2425)	1:141:A:LYS:H	1:148:A:CYS:HB2	2	0.29	0.12	0.29
(29,2425)	1:141:A:LYS:H	1:148:A:CYS:HB3	2	0.29	0.12	0.29
(30,1457)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	2	0.29	0.02	0.29
(30,1457)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	2	0.29	0.02	0.29
(30,1457)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	2	0.29	0.02	0.29
(30,1774)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(30,1774)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	2	0.29	0.18	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,2114)	1:39:A:VAL:HA	1:140:A:LEU:HD11	2	0.29	0.0	0.29
(30,2114)	1:39:A:VAL:HA	1:140:A:LEU:HD12	2	0.29	0.0	0.29
(30,2114)	1:39:A:VAL:HA	1:140:A:LEU:HD13	2	0.29	0.0	0.29
(30,2114)	1:39:A:VAL:HA	1:140:A:LEU:HD21	2	0.29	0.0	0.29
(30,2114)	1:39:A:VAL:HA	1:140:A:LEU:HD22	2	0.29	0.0	0.29
(30,2114)	1:39:A:VAL:HA	1:140:A:LEU:HD23	2	0.29	0.0	0.29
(32,1733)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(32,1733)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(32,1823)	1:9:A:PHE:HZ	1:11:A:ILE:HA	2	0.29	0.02	0.29
(32,2471)	1:141:A:LYS:H	1:148:A:CYS:HB2	2	0.29	0.12	0.29
(32,2471)	1:141:A:LYS:H	1:148:A:CYS:HB3	2	0.29	0.12	0.29
(33,720)	1:76:A:ARG:HA	1:76:A:ARG:HE	2	0.29	0.01	0.29
(33,1768)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(33,1768)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(33,1853)	1:9:A:PHE:HZ	1:11:A:ILE:HA	2	0.29	0.02	0.29
(33,2477)	1:141:A:LYS:H	1:148:A:CYS:HB2	2	0.29	0.12	0.29
(33,2477)	1:141:A:LYS:H	1:148:A:CYS:HB3	2	0.29	0.12	0.29
(34,1785)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(34,1785)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	2	0.29	0.18	0.29
(34,2479)	1:141:A:LYS:H	1:148:A:CYS:HB2	2	0.29	0.12	0.29
(34,2479)	1:141:A:LYS:H	1:148:A:CYS:HB3	2	0.29	0.12	0.29
(4,583)	1:75:A:GLY:H	1:76:A:ARG:HB2	2	0.28	0.06	0.28
(15,439)	1:68:A:LYS:H	1:68:A:LYS:HE2	2	0.28	0.06	0.28
(15,439)	1:68:A:LYS:H	1:68:A:LYS:HE3	2	0.28	0.06	0.28
(30,437)	1:68:A:LYS:H	1:68:A:LYS:HE2	2	0.28	0.06	0.28
(30,437)	1:68:A:LYS:H	1:68:A:LYS:HE3	2	0.28	0.06	0.28
(32,420)	1:68:A:LYS:H	1:68:A:LYS:HE2	2	0.28	0.06	0.28
(32,420)	1:68:A:LYS:H	1:68:A:LYS:HE3	2	0.28	0.06	0.28
(2,1867)	1:61:A:SER:HA	1:62:A:HIS:HD2	2	0.28	0.11	0.28
(3,1870)	1:61:A:SER:HA	1:62:A:HIS:HD2	2	0.28	0.11	0.28
(4,827)	1:114:A:ILE:HA	1:114:A:ILE:HD11	2	0.28	0.15	0.28
(4,827)	1:114:A:ILE:HA	1:114:A:ILE:HD12	2	0.28	0.15	0.28
(4,827)	1:114:A:ILE:HA	1:114:A:ILE:HD13	2	0.28	0.15	0.28
(4,1820)	1:61:A:SER:HA	1:62:A:HIS:HD2	2	0.28	0.11	0.28
(6,1223)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	2	0.28	0.16	0.28
(6,1223)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	2	0.28	0.16	0.28
(6,1223)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	2	0.28	0.16	0.28
(6,1846)	1:61:A:SER:HA	1:62:A:HIS:HD2	2	0.28	0.11	0.28
(7,1810)	1:61:A:SER:HA	1:62:A:HIS:HD2	2	0.28	0.11	0.28
(9,1833)	1:61:A:SER:HA	1:62:A:HIS:HD2	2	0.28	0.11	0.28
(11,1868)	1:61:A:SER:HA	1:62:A:HIS:HD2	2	0.28	0.11	0.28
(13,820)	1:69:A:MET:HE1	1:114:A:ILE:HD11	2	0.28	0.12	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,820)	1:69:A:MET:HE1	1:114:A:ILE:HD12	2	0.28	0.12	0.28
(13,820)	1:69:A:MET:HE1	1:114:A:ILE:HD13	2	0.28	0.12	0.28
(13,820)	1:69:A:MET:HE2	1:114:A:ILE:HD11	2	0.28	0.12	0.28
(13,820)	1:69:A:MET:HE2	1:114:A:ILE:HD12	2	0.28	0.12	0.28
(13,820)	1:69:A:MET:HE2	1:114:A:ILE:HD13	2	0.28	0.12	0.28
(13,820)	1:69:A:MET:HE3	1:114:A:ILE:HD11	2	0.28	0.12	0.28
(13,820)	1:69:A:MET:HE3	1:114:A:ILE:HD12	2	0.28	0.12	0.28
(13,820)	1:69:A:MET:HE3	1:114:A:ILE:HD13	2	0.28	0.12	0.28
(13,1799)	1:61:A:SER:HA	1:62:A:HIS:HD2	2	0.28	0.11	0.28
(15,835)	1:114:A:ILE:HA	1:114:A:ILE:HD11	2	0.28	0.15	0.28
(15,835)	1:114:A:ILE:HA	1:114:A:ILE:HD12	2	0.28	0.15	0.28
(15,835)	1:114:A:ILE:HA	1:114:A:ILE:HD13	2	0.28	0.15	0.28
(15,1825)	1:61:A:SER:HA	1:62:A:HIS:HD2	2	0.28	0.11	0.28
(29,784)	1:73:A:ILE:HD11	1:113:A:PHE:HD1	2	0.28	0.17	0.28
(29,784)	1:73:A:ILE:HD11	1:113:A:PHE:HD2	2	0.28	0.17	0.28
(29,784)	1:73:A:ILE:HD12	1:113:A:PHE:HD1	2	0.28	0.17	0.28
(29,784)	1:73:A:ILE:HD12	1:113:A:PHE:HD2	2	0.28	0.17	0.28
(29,784)	1:73:A:ILE:HD13	1:113:A:PHE:HD1	2	0.28	0.17	0.28
(29,784)	1:73:A:ILE:HD13	1:113:A:PHE:HD2	2	0.28	0.17	0.28
(29,972)	1:11:A:ILE:HD11	1:43:A:MET:HB3	2	0.28	0.17	0.28
(29,972)	1:11:A:ILE:HD12	1:43:A:MET:HB3	2	0.28	0.17	0.28
(29,972)	1:11:A:ILE:HD13	1:43:A:MET:HB3	2	0.28	0.17	0.28
(33,1060)	1:71:A:LYS:HG3	1:72:A:PHE:HA	2	0.28	0.05	0.28
(33,1838)	1:61:A:SER:HA	1:62:A:HIS:HD2	2	0.28	0.11	0.28
(1,815)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	2	0.28	0.1	0.28
(1,815)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	2	0.28	0.1	0.28
(1,815)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	2	0.28	0.1	0.28
(2,289)	1:121:A:VAL:H	1:123:A:CYS:H	2	0.28	0.16	0.28
(2,1414)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	2	0.28	0.04	0.28
(2,1414)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	2	0.28	0.04	0.28
(2,1414)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	2	0.28	0.04	0.28
(2,1414)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	2	0.28	0.04	0.28
(2,1414)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	2	0.28	0.04	0.28
(2,1414)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	2	0.28	0.04	0.28
(2,2319)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	2	0.28	0.1	0.28
(2,2319)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	2	0.28	0.1	0.28
(2,2319)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	2	0.28	0.1	0.28
(2,2319)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	2	0.28	0.1	0.28
(2,2319)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	2	0.28	0.1	0.28
(2,2319)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	2	0.28	0.1	0.28
(2,2319)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	2	0.28	0.1	0.28
(2,2319)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	2	0.28	0.1	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2319)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	2	0.28	0.1	0.28
(2,2319)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	2	0.28	0.1	0.28
(2,2319)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	2	0.28	0.1	0.28
(2,2319)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	2	0.28	0.1	0.28
(2,2319)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	2	0.28	0.1	0.28
(2,2319)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	2	0.28	0.1	0.28
(2,2319)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	2	0.28	0.1	0.28
(2,2319)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	2	0.28	0.1	0.28
(2,2319)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	2	0.28	0.1	0.28
(2,2319)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	2	0.28	0.1	0.28
(3,1431)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	2	0.28	0.04	0.28
(3,1431)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	2	0.28	0.04	0.28
(3,1431)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	2	0.28	0.04	0.28
(3,1431)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	2	0.28	0.04	0.28
(3,1431)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	2	0.28	0.04	0.28
(3,1431)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	2	0.28	0.04	0.28
(3,2142)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	2	0.28	0.01	0.28
(3,2142)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	2	0.28	0.01	0.28
(3,2142)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	2	0.28	0.01	0.28
(3,2142)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	2	0.28	0.01	0.28
(3,2142)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	2	0.28	0.01	0.28
(3,2142)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	2	0.28	0.01	0.28
(5,287)	1:121:A:VAL:H	1:123:A:CYS:H	2	0.28	0.16	0.28
(5,426)	1:68:A:LYS:H	1:68:A:LYS:HE2	2	0.28	0.07	0.28
(5,426)	1:68:A:LYS:H	1:68:A:LYS:HE3	2	0.28	0.07	0.28
(6,2116)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	2	0.28	0.01	0.28
(6,2116)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	2	0.28	0.01	0.28
(6,2116)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	2	0.28	0.01	0.28
(6,2116)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	2	0.28	0.01	0.28
(6,2116)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	2	0.28	0.01	0.28
(6,2116)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	2	0.28	0.01	0.28
(6,2302)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	2	0.28	0.1	0.28
(6,2302)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	2	0.28	0.1	0.28
(6,2302)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	2	0.28	0.1	0.28
(6,2302)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	2	0.28	0.1	0.28
(6,2302)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	2	0.28	0.1	0.28
(6,2302)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	2	0.28	0.1	0.28
(6,2302)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	2	0.28	0.1	0.28
(6,2302)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	2	0.28	0.1	0.28
(6,2302)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	2	0.28	0.1	0.28
(6,2302)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	2	0.28	0.1	0.28
(6,2302)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	2	0.28	0.1	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,2302)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	2	0.28	0.1	0.28
(6,2302)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	2	0.28	0.1	0.28
(6,2302)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	2	0.28	0.1	0.28
(6,2302)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	2	0.28	0.1	0.28
(6,2302)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	2	0.28	0.1	0.28
(6,2302)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	2	0.28	0.1	0.28
(6,2302)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	2	0.28	0.1	0.28
(7,945)	1:70:A:LYS:HB2	1:74:A:PRO:HA	2	0.28	0.01	0.28
(7,945)	1:70:A:LYS:HB3	1:74:A:PRO:HA	2	0.28	0.01	0.28
(7,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	2	0.28	0.04	0.28
(7,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	2	0.28	0.04	0.28
(7,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	2	0.28	0.04	0.28
(7,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	2	0.28	0.04	0.28
(7,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	2	0.28	0.04	0.28
(7,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	2	0.28	0.04	0.28
(7,2093)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	2	0.28	0.01	0.28
(7,2093)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	2	0.28	0.01	0.28
(7,2093)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	2	0.28	0.01	0.28
(7,2093)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	2	0.28	0.01	0.28
(7,2093)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	2	0.28	0.01	0.28
(7,2093)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	2	0.28	0.01	0.28
(7,2276)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	2	0.28	0.1	0.28
(7,2276)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	2	0.28	0.1	0.28
(7,2276)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	2	0.28	0.1	0.28
(7,2276)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	2	0.28	0.1	0.28
(7,2276)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	2	0.28	0.1	0.28
(7,2276)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	2	0.28	0.1	0.28
(7,2276)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	2	0.28	0.1	0.28
(7,2276)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	2	0.28	0.1	0.28
(7,2276)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	2	0.28	0.1	0.28
(7,2276)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	2	0.28	0.1	0.28
(7,2276)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	2	0.28	0.1	0.28
(7,2276)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	2	0.28	0.1	0.28
(7,2276)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	2	0.28	0.1	0.28
(7,2276)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	2	0.28	0.1	0.28
(7,2276)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	2	0.28	0.1	0.28
(7,2276)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	2	0.28	0.1	0.28
(7,2276)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	2	0.28	0.1	0.28
(7,2276)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	2	0.28	0.1	0.28
(7,2400)	1:129:A:LYS:HG2	1:130:A:GLY:H	2	0.28	0.04	0.28
(7,2400)	1:129:A:LYS:HG3	1:130:A:GLY:H	2	0.28	0.04	0.28
(9,1403)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	2	0.28	0.04	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,1403)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	2	0.28	0.04	0.28
(9,1403)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	2	0.28	0.04	0.28
(9,1403)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	2	0.28	0.04	0.28
(9,1403)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	2	0.28	0.04	0.28
(9,1403)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	2	0.28	0.04	0.28
(11,1429)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	2	0.28	0.04	0.28
(11,1429)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	2	0.28	0.04	0.28
(11,1429)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	2	0.28	0.04	0.28
(11,1429)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	2	0.28	0.04	0.28
(11,1429)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	2	0.28	0.04	0.28
(11,1429)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	2	0.28	0.04	0.28
(13,1384)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	2	0.28	0.04	0.28
(13,1384)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	2	0.28	0.04	0.28
(13,1384)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	2	0.28	0.04	0.28
(13,1384)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	2	0.28	0.04	0.28
(13,1384)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	2	0.28	0.04	0.28
(13,1384)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	2	0.28	0.04	0.28
(16,296)	1:121:A:VAL:H	1:123:A:CYS:H	2	0.28	0.16	0.28
(16,1409)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	2	0.28	0.04	0.28
(16,1409)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	2	0.28	0.04	0.28
(16,1409)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	2	0.28	0.04	0.28
(16,1409)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	2	0.28	0.04	0.28
(16,1409)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	2	0.28	0.04	0.28
(16,1409)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	2	0.28	0.04	0.28
(16,1461)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	2	0.28	0.04	0.28
(16,1461)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	2	0.28	0.04	0.28
(16,1461)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	2	0.28	0.04	0.28
(17,289)	1:121:A:VAL:H	1:123:A:CYS:H	2	0.28	0.16	0.28
(17,1415)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	2	0.28	0.14	0.28
(17,1415)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	2	0.28	0.14	0.28
(17,1415)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	2	0.28	0.14	0.28
(17,1415)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	2	0.28	0.14	0.28
(17,1415)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	2	0.28	0.14	0.28
(17,1415)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	2	0.28	0.14	0.28
(18,1402)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	2	0.28	0.04	0.28
(18,1402)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	2	0.28	0.04	0.28
(18,1402)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	2	0.28	0.04	0.28
(18,1402)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	2	0.28	0.04	0.28
(18,1402)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	2	0.28	0.04	0.28
(18,1402)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	2	0.28	0.04	0.28
(29,291)	1:121:A:VAL:H	1:123:A:CYS:H	2	0.28	0.16	0.28
(29,1416)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	2	0.28	0.04	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,1416)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	2	0.28	0.04	0.28
(29,1416)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	2	0.28	0.04	0.28
(29,1416)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	2	0.28	0.04	0.28
(29,1416)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	2	0.28	0.04	0.28
(29,1416)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	2	0.28	0.04	0.28
(30,292)	1:121:A:VAL:H	1:123:A:CYS:H	2	0.28	0.16	0.28
(32,791)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	2	0.28	0.13	0.28
(32,791)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	2	0.28	0.13	0.28
(32,791)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	2	0.28	0.13	0.28
(32,791)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	2	0.28	0.13	0.28
(32,791)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	2	0.28	0.13	0.28
(32,791)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	2	0.28	0.13	0.28
(32,791)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	2	0.28	0.13	0.28
(32,791)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	2	0.28	0.13	0.28
(32,791)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	2	0.28	0.13	0.28
(33,288)	1:121:A:VAL:H	1:123:A:CYS:H	2	0.28	0.16	0.28
(33,1405)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	2	0.28	0.04	0.28
(33,1405)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	2	0.28	0.04	0.28
(33,1405)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	2	0.28	0.04	0.28
(33,1405)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	2	0.28	0.04	0.28
(33,1405)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	2	0.28	0.04	0.28
(33,1405)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	2	0.28	0.04	0.28
(1,766)	1:38:A:GLU:H	1:41:A:LYS:HG2	2	0.27	0.06	0.27
(2,2396)	1:121:A:VAL:HA	1:123:A:CYS:HB2	2	0.27	0.05	0.27
(2,2396)	1:121:A:VAL:HA	1:123:A:CYS:HB3	2	0.27	0.05	0.27
(4,1909)	1:9:A:PHE:HE1	1:14:A:VAL:HG11	2	0.27	0.11	0.27
(4,1909)	1:9:A:PHE:HE1	1:14:A:VAL:HG12	2	0.27	0.11	0.27
(4,1909)	1:9:A:PHE:HE1	1:14:A:VAL:HG13	2	0.27	0.11	0.27
(4,1909)	1:9:A:PHE:HE1	1:14:A:VAL:HG21	2	0.27	0.11	0.27
(4,1909)	1:9:A:PHE:HE1	1:14:A:VAL:HG22	2	0.27	0.11	0.27
(4,1909)	1:9:A:PHE:HE1	1:14:A:VAL:HG23	2	0.27	0.11	0.27
(4,1909)	1:9:A:PHE:HE2	1:14:A:VAL:HG11	2	0.27	0.11	0.27
(4,1909)	1:9:A:PHE:HE2	1:14:A:VAL:HG12	2	0.27	0.11	0.27
(4,1909)	1:9:A:PHE:HE2	1:14:A:VAL:HG13	2	0.27	0.11	0.27
(4,1909)	1:9:A:PHE:HE2	1:14:A:VAL:HG21	2	0.27	0.11	0.27
(4,1909)	1:9:A:PHE:HE2	1:14:A:VAL:HG22	2	0.27	0.11	0.27
(4,1909)	1:9:A:PHE:HE2	1:14:A:VAL:HG23	2	0.27	0.11	0.27
(11,2123)	1:39:A:VAL:HG11	1:43:A:MET:HB2	2	0.27	0.16	0.27
(11,2123)	1:39:A:VAL:HG12	1:43:A:MET:HB2	2	0.27	0.16	0.27
(11,2123)	1:39:A:VAL:HG13	1:43:A:MET:HB2	2	0.27	0.16	0.27
(11,2123)	1:39:A:VAL:HG21	1:43:A:MET:HB2	2	0.27	0.16	0.27
(11,2123)	1:39:A:VAL:HG22	1:43:A:MET:HB2	2	0.27	0.16	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,2123)	1:39:A:VAL:HG23	1:43:A:MET:HB2	2	0.27	0.16	0.27
(15,1738)	1:36:A:PRO:HA	1:37:A:LEU:HD21	2	0.27	0.04	0.27
(15,1738)	1:36:A:PRO:HA	1:37:A:LEU:HD22	2	0.27	0.04	0.27
(15,1738)	1:36:A:PRO:HA	1:37:A:LEU:HD23	2	0.27	0.04	0.27
(17,758)	1:38:A:GLU:H	1:41:A:LYS:HG2	2	0.27	0.06	0.27
(29,766)	1:38:A:GLU:H	1:41:A:LYS:HG2	2	0.27	0.06	0.27
(29,2026)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	2	0.27	0.0	0.27
(29,2026)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	2	0.27	0.0	0.27
(29,2026)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	2	0.27	0.0	0.27
(29,2026)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	2	0.27	0.0	0.27
(29,2026)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	2	0.27	0.0	0.27
(29,2026)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	2	0.27	0.0	0.27
(29,2026)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	2	0.27	0.0	0.27
(29,2026)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	2	0.27	0.0	0.27
(29,2026)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	2	0.27	0.0	0.27
(29,2026)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	2	0.27	0.0	0.27
(29,2026)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	2	0.27	0.0	0.27
(29,2026)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	2	0.27	0.0	0.27
(29,2026)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	2	0.27	0.0	0.27
(29,2026)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	2	0.27	0.0	0.27
(29,2026)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	2	0.27	0.0	0.27
(29,2026)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	2	0.27	0.0	0.27
(29,2026)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	2	0.27	0.0	0.27
(29,2026)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	2	0.27	0.0	0.27
(29,2122)	1:39:A:VAL:HG11	1:43:A:MET:HB2	2	0.27	0.16	0.27
(29,2122)	1:39:A:VAL:HG12	1:43:A:MET:HB2	2	0.27	0.16	0.27
(29,2122)	1:39:A:VAL:HG13	1:43:A:MET:HB2	2	0.27	0.16	0.27
(29,2122)	1:39:A:VAL:HG21	1:43:A:MET:HB2	2	0.27	0.16	0.27
(29,2122)	1:39:A:VAL:HG22	1:43:A:MET:HB2	2	0.27	0.16	0.27
(29,2122)	1:39:A:VAL:HG23	1:43:A:MET:HB2	2	0.27	0.16	0.27
(33,2115)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	2	0.27	0.05	0.27
(33,2115)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	2	0.27	0.05	0.27
(33,2115)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	2	0.27	0.05	0.27
(33,2115)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	2	0.27	0.05	0.27
(33,2115)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	2	0.27	0.05	0.27
(33,2115)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	2	0.27	0.05	0.27
(33,2115)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	2	0.27	0.05	0.27
(33,2115)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	2	0.27	0.05	0.27
(33,2115)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	2	0.27	0.05	0.27
(33,2115)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	2	0.27	0.05	0.27
(33,2115)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	2	0.27	0.05	0.27
(33,2115)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	2	0.27	0.05	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1472)	1:95:A:ILE:HG21	1:96:A:VAL:H	2	0.26	0.14	0.26
(1,1472)	1:95:A:ILE:HG22	1:96:A:VAL:H	2	0.26	0.14	0.26
(1,1472)	1:95:A:ILE:HG23	1:96:A:VAL:H	2	0.26	0.14	0.26
(1,1596)	1:97:A:ASP:H	1:98:A:ILE:HD11	2	0.26	0.06	0.26
(1,1596)	1:97:A:ASP:H	1:98:A:ILE:HD12	2	0.26	0.06	0.26
(1,1596)	1:97:A:ASP:H	1:98:A:ILE:HD13	2	0.26	0.06	0.26
(2,1472)	1:95:A:ILE:HG21	1:96:A:VAL:H	2	0.26	0.14	0.26
(2,1472)	1:95:A:ILE:HG22	1:96:A:VAL:H	2	0.26	0.14	0.26
(2,1472)	1:95:A:ILE:HG23	1:96:A:VAL:H	2	0.26	0.14	0.26
(3,1490)	1:95:A:ILE:HG21	1:96:A:VAL:H	2	0.26	0.14	0.26
(3,1490)	1:95:A:ILE:HG22	1:96:A:VAL:H	2	0.26	0.14	0.26
(3,1490)	1:95:A:ILE:HG23	1:96:A:VAL:H	2	0.26	0.14	0.26
(4,1448)	1:95:A:ILE:HG21	1:96:A:VAL:H	2	0.26	0.14	0.26
(4,1448)	1:95:A:ILE:HG22	1:96:A:VAL:H	2	0.26	0.14	0.26
(4,1448)	1:95:A:ILE:HG23	1:96:A:VAL:H	2	0.26	0.14	0.26
(5,1484)	1:95:A:ILE:HG21	1:96:A:VAL:H	2	0.26	0.14	0.26
(5,1484)	1:95:A:ILE:HG22	1:96:A:VAL:H	2	0.26	0.14	0.26
(5,1484)	1:95:A:ILE:HG23	1:96:A:VAL:H	2	0.26	0.14	0.26
(6,1460)	1:95:A:ILE:HG21	1:96:A:VAL:H	2	0.26	0.14	0.26
(6,1460)	1:95:A:ILE:HG22	1:96:A:VAL:H	2	0.26	0.14	0.26
(6,1460)	1:95:A:ILE:HG23	1:96:A:VAL:H	2	0.26	0.14	0.26
(6,1582)	1:97:A:ASP:H	1:98:A:ILE:HD11	2	0.26	0.06	0.26
(6,1582)	1:97:A:ASP:H	1:98:A:ILE:HD12	2	0.26	0.06	0.26
(6,1582)	1:97:A:ASP:H	1:98:A:ILE:HD13	2	0.26	0.06	0.26
(6,1988)	1:13:A:ALA:H	1:40:A:LEU:HD11	2	0.26	0.12	0.26
(6,1988)	1:13:A:ALA:H	1:40:A:LEU:HD12	2	0.26	0.12	0.26
(6,1988)	1:13:A:ALA:H	1:40:A:LEU:HD13	2	0.26	0.12	0.26
(6,1988)	1:13:A:ALA:H	1:40:A:LEU:HD21	2	0.26	0.12	0.26
(6,1988)	1:13:A:ALA:H	1:40:A:LEU:HD22	2	0.26	0.12	0.26
(6,1988)	1:13:A:ALA:H	1:40:A:LEU:HD23	2	0.26	0.12	0.26
(7,790)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	2	0.26	0.1	0.26
(7,790)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	2	0.26	0.1	0.26
(7,790)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	2	0.26	0.1	0.26
(7,790)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	2	0.26	0.1	0.26
(7,790)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	2	0.26	0.1	0.26
(7,790)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	2	0.26	0.1	0.26
(7,1442)	1:95:A:ILE:HG21	1:96:A:VAL:H	2	0.26	0.14	0.26
(7,1442)	1:95:A:ILE:HG22	1:96:A:VAL:H	2	0.26	0.14	0.26
(7,1442)	1:95:A:ILE:HG23	1:96:A:VAL:H	2	0.26	0.14	0.26
(9,1457)	1:95:A:ILE:HG21	1:96:A:VAL:H	2	0.26	0.14	0.26
(9,1457)	1:95:A:ILE:HG22	1:96:A:VAL:H	2	0.26	0.14	0.26
(9,1457)	1:95:A:ILE:HG23	1:96:A:VAL:H	2	0.26	0.14	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,1451)	1:50:A:ALA:HB1	1:127:A:CYS:HA	2	0.26	0.1	0.26
(11,1451)	1:50:A:ALA:HB2	1:127:A:CYS:HA	2	0.26	0.1	0.26
(11,1451)	1:50:A:ALA:HB3	1:127:A:CYS:HA	2	0.26	0.1	0.26
(11,1485)	1:95:A:ILE:HG21	1:96:A:VAL:H	2	0.26	0.14	0.26
(11,1485)	1:95:A:ILE:HG22	1:96:A:VAL:H	2	0.26	0.14	0.26
(11,1485)	1:95:A:ILE:HG23	1:96:A:VAL:H	2	0.26	0.14	0.26
(15,1457)	1:95:A:ILE:HG21	1:96:A:VAL:H	2	0.26	0.14	0.26
(15,1457)	1:95:A:ILE:HG22	1:96:A:VAL:H	2	0.26	0.14	0.26
(15,1457)	1:95:A:ILE:HG23	1:96:A:VAL:H	2	0.26	0.14	0.26
(16,1398)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	2	0.26	0.14	0.26
(16,1398)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	2	0.26	0.14	0.26
(16,1398)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	2	0.26	0.14	0.26
(16,1398)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	2	0.26	0.14	0.26
(16,1398)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	2	0.26	0.14	0.26
(16,1398)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	2	0.26	0.14	0.26
(16,1463)	1:95:A:ILE:HG21	1:96:A:VAL:H	2	0.26	0.14	0.26
(16,1463)	1:95:A:ILE:HG22	1:96:A:VAL:H	2	0.26	0.14	0.26
(16,1463)	1:95:A:ILE:HG23	1:96:A:VAL:H	2	0.26	0.14	0.26
(17,1483)	1:95:A:ILE:HG21	1:96:A:VAL:H	2	0.26	0.14	0.26
(17,1483)	1:95:A:ILE:HG22	1:96:A:VAL:H	2	0.26	0.14	0.26
(17,1483)	1:95:A:ILE:HG23	1:96:A:VAL:H	2	0.26	0.14	0.26
(17,1599)	1:97:A:ASP:H	1:98:A:ILE:HD11	2	0.26	0.06	0.26
(17,1599)	1:97:A:ASP:H	1:98:A:ILE:HD12	2	0.26	0.06	0.26
(17,1599)	1:97:A:ASP:H	1:98:A:ILE:HD13	2	0.26	0.06	0.26
(18,1567)	1:97:A:ASP:H	1:98:A:ILE:HD11	2	0.26	0.06	0.26
(18,1567)	1:97:A:ASP:H	1:98:A:ILE:HD12	2	0.26	0.06	0.26
(18,1567)	1:97:A:ASP:H	1:98:A:ILE:HD13	2	0.26	0.06	0.26
(18,1953)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	2	0.26	0.08	0.26
(18,1953)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	2	0.26	0.08	0.26
(18,1953)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	2	0.26	0.08	0.26
(18,1953)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	2	0.26	0.08	0.26
(18,1953)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	2	0.26	0.08	0.26
(18,1953)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	2	0.26	0.08	0.26
(32,1398)	1:50:A:ALA:HB1	1:127:A:CYS:HA	2	0.26	0.1	0.26
(32,1398)	1:50:A:ALA:HB2	1:127:A:CYS:HA	2	0.26	0.1	0.26
(32,1398)	1:50:A:ALA:HB3	1:127:A:CYS:HA	2	0.26	0.1	0.26
(32,1428)	1:95:A:ILE:HG21	1:96:A:VAL:H	2	0.26	0.14	0.26
(32,1428)	1:95:A:ILE:HG22	1:96:A:VAL:H	2	0.26	0.14	0.26
(32,1428)	1:95:A:ILE:HG23	1:96:A:VAL:H	2	0.26	0.14	0.26
(32,1544)	1:97:A:ASP:H	1:98:A:ILE:HD11	2	0.26	0.06	0.26
(32,1544)	1:97:A:ASP:H	1:98:A:ILE:HD12	2	0.26	0.06	0.26
(32,1544)	1:97:A:ASP:H	1:98:A:ILE:HD13	2	0.26	0.06	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,964)	1:70:A:LYS:HB2	1:74:A:PRO:HA	2	0.26	0.01	0.26
(33,964)	1:70:A:LYS:HB3	1:74:A:PRO:HA	2	0.26	0.01	0.26
(33,1459)	1:95:A:ILE:HG21	1:96:A:VAL:H	2	0.26	0.14	0.26
(33,1459)	1:95:A:ILE:HG22	1:96:A:VAL:H	2	0.26	0.14	0.26
(33,1459)	1:95:A:ILE:HG23	1:96:A:VAL:H	2	0.26	0.14	0.26
(33,2231)	1:65:A:CYS:HB2	1:70:A:LYS:H	2	0.26	0.16	0.26
(33,2231)	1:65:A:CYS:HB3	1:70:A:LYS:H	2	0.26	0.16	0.26
(1,526)	1:74:A:PRO:HA	1:77:A:CYS:H	2	0.26	0.14	0.26
(2,523)	1:74:A:PRO:HA	1:77:A:CYS:H	2	0.26	0.14	0.26
(2,1312)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(2,1312)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(2,1312)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(2,1312)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(2,1312)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(2,1312)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(2,1312)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(2,1312)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(2,1312)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(2,1573)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	2	0.26	0.09	0.26
(2,1573)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	2	0.26	0.09	0.26
(2,1573)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	2	0.26	0.09	0.26
(2,1573)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	2	0.26	0.09	0.26
(2,1573)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	2	0.26	0.09	0.26
(2,1573)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	2	0.26	0.09	0.26
(3,526)	1:74:A:PRO:HA	1:77:A:CYS:H	2	0.26	0.14	0.26
(3,1338)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(3,1338)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(3,1338)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(3,1338)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(3,1338)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(3,1338)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(3,1338)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(3,1338)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(3,1338)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(4,514)	1:74:A:PRO:HA	1:77:A:CYS:H	2	0.26	0.14	0.26
(4,1294)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(4,1294)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(4,1294)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(4,1294)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(4,1294)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(4,1294)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(4,1294)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.26	0.08	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1294)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(4,1294)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(4,1907)	1:9:A:PHE:HD1	1:57:A:LEU:HD11	2	0.26	0.05	0.26
(4,1907)	1:9:A:PHE:HD1	1:57:A:LEU:HD12	2	0.26	0.05	0.26
(4,1907)	1:9:A:PHE:HD1	1:57:A:LEU:HD13	2	0.26	0.05	0.26
(4,1907)	1:9:A:PHE:HD1	1:57:A:LEU:HD21	2	0.26	0.05	0.26
(4,1907)	1:9:A:PHE:HD1	1:57:A:LEU:HD22	2	0.26	0.05	0.26
(4,1907)	1:9:A:PHE:HD1	1:57:A:LEU:HD23	2	0.26	0.05	0.26
(4,1907)	1:9:A:PHE:HD2	1:57:A:LEU:HD11	2	0.26	0.05	0.26
(4,1907)	1:9:A:PHE:HD2	1:57:A:LEU:HD12	2	0.26	0.05	0.26
(4,1907)	1:9:A:PHE:HD2	1:57:A:LEU:HD13	2	0.26	0.05	0.26
(4,1907)	1:9:A:PHE:HD2	1:57:A:LEU:HD21	2	0.26	0.05	0.26
(4,1907)	1:9:A:PHE:HD2	1:57:A:LEU:HD22	2	0.26	0.05	0.26
(4,1907)	1:9:A:PHE:HD2	1:57:A:LEU:HD23	2	0.26	0.05	0.26
(4,2324)	1:107:A:LEU:H	1:107:A:LEU:HD11	2	0.26	0.12	0.26
(4,2324)	1:107:A:LEU:H	1:107:A:LEU:HD12	2	0.26	0.12	0.26
(4,2324)	1:107:A:LEU:H	1:107:A:LEU:HD13	2	0.26	0.12	0.26
(4,2324)	1:107:A:LEU:H	1:107:A:LEU:HD21	2	0.26	0.12	0.26
(4,2324)	1:107:A:LEU:H	1:107:A:LEU:HD22	2	0.26	0.12	0.26
(4,2324)	1:107:A:LEU:H	1:107:A:LEU:HD23	2	0.26	0.12	0.26
(5,1559)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(5,1559)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(5,1559)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(5,1559)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(5,1559)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(5,1559)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(5,1559)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(5,1559)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(5,1559)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(6,521)	1:74:A:PRO:HA	1:77:A:CYS:H	2	0.26	0.14	0.26
(6,1301)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(6,1301)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(6,1301)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(6,1301)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(6,1301)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(6,1301)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(6,1301)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(6,1301)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(6,1301)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(7,1040)	1:71:A:LYS:HG3	1:72:A:PHE:HA	2	0.26	0.05	0.26
(7,1295)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(7,1295)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.26	0.08	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1295)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(7,1295)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(7,1295)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(7,1295)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(7,1295)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(7,1295)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(7,1295)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(9,530)	1:74:A:PRO:HA	1:77:A:CYS:H	2	0.26	0.14	0.26
(9,1308)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(9,1308)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(9,1308)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(9,1308)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(9,1308)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(9,1308)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(9,1308)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(9,1308)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(9,1308)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(9,1555)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	2	0.26	0.09	0.26
(9,1555)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	2	0.26	0.09	0.26
(9,1555)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	2	0.26	0.09	0.26
(9,1555)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	2	0.26	0.09	0.26
(9,1555)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	2	0.26	0.09	0.26
(9,1555)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	2	0.26	0.09	0.26
(9,1560)	1:11:A:ILE:HD11	1:45:A:ALA:H	2	0.26	0.15	0.26
(9,1560)	1:11:A:ILE:HD12	1:45:A:ALA:H	2	0.26	0.15	0.26
(9,1560)	1:11:A:ILE:HD13	1:45:A:ALA:H	2	0.26	0.15	0.26
(11,525)	1:74:A:PRO:HA	1:77:A:CYS:H	2	0.26	0.14	0.26
(11,1328)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(11,1328)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(11,1328)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(11,1328)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(11,1328)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(11,1328)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(11,1328)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(11,1328)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(11,1328)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(11,1589)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	2	0.26	0.09	0.26
(11,1589)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	2	0.26	0.09	0.26
(11,1589)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	2	0.26	0.09	0.26
(11,1589)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	2	0.26	0.09	0.26
(11,1589)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	2	0.26	0.09	0.26
(11,1589)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	2	0.26	0.09	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,518)	1:74:A:PRO:HA	1:77:A:CYS:H	2	0.26	0.14	0.26
(13,1284)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(13,1284)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(13,1284)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(13,1284)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(13,1284)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(13,1284)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(13,1284)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(13,1284)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(13,1284)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(15,1311)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(15,1311)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(15,1311)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(15,1311)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(15,1311)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(15,1311)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(15,1311)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(15,1311)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(15,1311)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(16,528)	1:74:A:PRO:HA	1:77:A:CYS:H	2	0.26	0.14	0.26
(16,1144)	1:70:A:LYS:HA	1:70:A:LYS:HG2	2	0.26	0.0	0.26
(16,1316)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(16,1316)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(16,1316)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(16,1316)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(16,1316)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(16,1316)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(16,1316)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(16,1316)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(16,1316)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(17,518)	1:74:A:PRO:HA	1:77:A:CYS:H	2	0.26	0.14	0.26
(17,1147)	1:70:A:LYS:HA	1:70:A:LYS:HG2	2	0.26	0.0	0.26
(17,1320)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(17,1320)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(17,1320)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(17,1320)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(17,1320)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(17,1320)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(17,1320)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(17,1320)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(17,1320)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(17,1584)	1:11:A:ILE:HD11	1:45:A:ALA:H	2	0.26	0.15	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,1584)	1:11:A:ILE:HD12	1:45:A:ALA:H	2	0.26	0.15	0.26
(17,1584)	1:11:A:ILE:HD13	1:45:A:ALA:H	2	0.26	0.15	0.26
(18,538)	1:74:A:PRO:HA	1:77:A:CYS:H	2	0.26	0.14	0.26
(18,1306)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(18,1306)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(18,1306)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(18,1306)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(18,1306)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(18,1306)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(18,1306)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(18,1306)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(18,1306)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(18,1545)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	2	0.26	0.09	0.26
(18,1545)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	2	0.26	0.09	0.26
(18,1545)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	2	0.26	0.09	0.26
(18,1545)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	2	0.26	0.09	0.26
(18,1545)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	2	0.26	0.09	0.26
(18,1545)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	2	0.26	0.09	0.26
(29,526)	1:74:A:PRO:HA	1:77:A:CYS:H	2	0.26	0.14	0.26
(29,1322)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(29,1322)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(29,1322)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(29,1322)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(29,1322)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(29,1322)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(29,1322)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(29,1322)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(29,1322)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(29,1573)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	2	0.26	0.09	0.26
(29,1573)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	2	0.26	0.09	0.26
(29,1573)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	2	0.26	0.09	0.26
(29,1573)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	2	0.26	0.09	0.26
(29,1573)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	2	0.26	0.09	0.26
(29,1573)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	2	0.26	0.09	0.26
(30,1306)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(30,1306)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(30,1306)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(30,1306)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(30,1306)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.26	0.08	0.26
(30,1306)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(30,1306)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.26	0.08	0.26
(30,1306)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.26	0.08	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,1306)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.26	0.08	0.26
(30,1562)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	2	0.26	0.09	0.26
(30,1562)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	2	0.26	0.09	0.26
(30,1562)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	2	0.26	0.09	0.26
(30,1562)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	2	0.26	0.09	0.26
(30,1562)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	2	0.26	0.09	0.26
(30,1562)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	2	0.26	0.09	0.26
(32,511)	1:74:A:PRO:HA	1:77:A:CYS:H	2	0.26	0.14	0.26
(32,1969)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	2	0.26	0.0	0.26
(32,1969)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	2	0.26	0.0	0.26
(32,1969)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	2	0.26	0.0	0.26
(32,1969)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	2	0.26	0.0	0.26
(32,1969)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	2	0.26	0.0	0.26
(32,1969)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	2	0.26	0.0	0.26
(32,1969)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	2	0.26	0.0	0.26
(32,1969)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	2	0.26	0.0	0.26
(32,1969)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	2	0.26	0.0	0.26
(32,1969)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	2	0.26	0.0	0.26
(32,1969)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	2	0.26	0.0	0.26
(32,1969)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	2	0.26	0.0	0.26
(32,1969)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	2	0.26	0.0	0.26
(32,1969)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	2	0.26	0.0	0.26
(32,1969)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	2	0.26	0.0	0.26
(32,1969)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	2	0.26	0.0	0.26
(32,1969)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	2	0.26	0.0	0.26
(32,1969)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	2	0.26	0.0	0.26
(32,2400)	1:127:A:CYS:H	1:129:A:LYS:HG2	2	0.26	0.15	0.26
(32,2400)	1:127:A:CYS:H	1:129:A:LYS:HG3	2	0.26	0.15	0.26
(33,523)	1:74:A:PRO:HA	1:77:A:CYS:H	2	0.26	0.14	0.26
(34,538)	1:74:A:PRO:HA	1:77:A:CYS:H	2	0.26	0.14	0.26
(34,1166)	1:70:A:LYS:HA	1:70:A:LYS:HG2	2	0.26	0.0	0.26
(1,1177)	1:140:A:LEU:HA	1:140:A:LEU:HD21	2	0.26	0.03	0.26
(1,1177)	1:140:A:LEU:HA	1:140:A:LEU:HD22	2	0.26	0.03	0.26
(1,1177)	1:140:A:LEU:HA	1:140:A:LEU:HD23	2	0.26	0.03	0.26
(1,1438)	1:50:A:ALA:HB1	1:127:A:CYS:HA	2	0.26	0.1	0.26
(1,1438)	1:50:A:ALA:HB2	1:127:A:CYS:HA	2	0.26	0.1	0.26
(1,1438)	1:50:A:ALA:HB3	1:127:A:CYS:HA	2	0.26	0.1	0.26
(1,1996)	1:17:A:ASN:HB2	1:18:A:PHE:HD1	2	0.26	0.15	0.26
(1,1996)	1:17:A:ASN:HB2	1:18:A:PHE:HD2	2	0.26	0.15	0.26
(1,1996)	1:17:A:ASN:HB3	1:18:A:PHE:HD1	2	0.26	0.15	0.26
(1,1996)	1:17:A:ASN:HB3	1:18:A:PHE:HD2	2	0.26	0.15	0.26
(2,2037)	1:17:A:ASN:HB2	1:18:A:PHE:HD1	2	0.26	0.15	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2037)	1:17:A:ASN:HB2	1:18:A:PHE:HD2	2	0.26	0.15	0.26
(2,2037)	1:17:A:ASN:HB3	1:18:A:PHE:HD1	2	0.26	0.15	0.26
(2,2037)	1:17:A:ASN:HB3	1:18:A:PHE:HD2	2	0.26	0.15	0.26
(3,630)	1:44:A:GLU:HA	1:48:A:ARG:H	2	0.26	0.02	0.26
(3,893)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	2	0.26	0.14	0.26
(3,893)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	2	0.26	0.14	0.26
(3,893)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	2	0.26	0.14	0.26
(3,935)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	2	0.26	0.03	0.26
(3,935)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	2	0.26	0.03	0.26
(3,935)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	2	0.26	0.03	0.26
(4,616)	1:44:A:GLU:HA	1:48:A:ARG:H	2	0.26	0.02	0.26
(4,874)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	2	0.26	0.14	0.26
(4,874)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	2	0.26	0.14	0.26
(4,874)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	2	0.26	0.14	0.26
(5,624)	1:44:A:GLU:HA	1:48:A:ARG:H	2	0.26	0.02	0.26
(5,959)	1:70:A:LYS:HB2	1:74:A:PRO:HA	2	0.26	0.01	0.26
(5,959)	1:70:A:LYS:HB3	1:74:A:PRO:HA	2	0.26	0.01	0.26
(6,700)	1:27:A:ARG:HB3	1:27:A:ARG:HE	2	0.26	0.02	0.26
(6,700)	1:27:A:ARG:HB2	1:27:A:ARG:HE	2	0.26	0.02	0.26
(6,1957)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	2	0.26	0.01	0.26
(6,1957)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	2	0.26	0.01	0.26
(6,1957)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	2	0.26	0.01	0.26
(6,1957)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	2	0.26	0.01	0.26
(7,433)	1:68:A:LYS:H	1:68:A:LYS:HE2	2	0.26	0.06	0.26
(7,433)	1:68:A:LYS:H	1:68:A:LYS:HE3	2	0.26	0.06	0.26
(7,623)	1:44:A:GLU:HA	1:48:A:ARG:H	2	0.26	0.02	0.26
(9,624)	1:44:A:GLU:HA	1:48:A:ARG:H	2	0.26	0.02	0.26
(9,915)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	2	0.26	0.03	0.26
(9,915)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	2	0.26	0.03	0.26
(9,915)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	2	0.26	0.03	0.26
(9,929)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	2	0.26	0.1	0.26
(9,929)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	2	0.26	0.1	0.26
(9,1391)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	2	0.26	0.08	0.26
(9,1391)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	2	0.26	0.08	0.26
(9,1391)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	2	0.26	0.08	0.26
(11,625)	1:44:A:GLU:HA	1:48:A:ARG:H	2	0.26	0.02	0.26
(11,880)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	2	0.26	0.14	0.26
(11,880)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	2	0.26	0.14	0.26
(11,880)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	2	0.26	0.14	0.26
(13,691)	1:27:A:ARG:HB3	1:27:A:ARG:HE	2	0.26	0.02	0.26
(13,691)	1:27:A:ARG:HB2	1:27:A:ARG:HE	2	0.26	0.02	0.26
(15,42)	1:43:A:MET:HA	1:47:A:ALA:H	2	0.26	0.06	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,631)	1:44:A:GLU:HA	1:48:A:ARG:H	2	0.26	0.02	0.26
(16,631)	1:44:A:GLU:HA	1:48:A:ARG:H	2	0.26	0.02	0.26
(16,1940)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	2	0.26	0.01	0.26
(16,1940)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	2	0.26	0.01	0.26
(16,1940)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	2	0.26	0.01	0.26
(16,1940)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	2	0.26	0.01	0.26
(16,1987)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	2	0.26	0.1	0.26
(16,1987)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	2	0.26	0.1	0.26
(16,1987)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	2	0.26	0.1	0.26
(16,1987)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	2	0.26	0.1	0.26
(16,1987)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	2	0.26	0.1	0.26
(16,1987)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	2	0.26	0.1	0.26
(17,625)	1:44:A:GLU:HA	1:48:A:ARG:H	2	0.26	0.02	0.26
(17,883)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	2	0.26	0.14	0.26
(17,883)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	2	0.26	0.14	0.26
(17,883)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	2	0.26	0.14	0.26
(17,922)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	2	0.26	0.03	0.26
(17,922)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	2	0.26	0.03	0.26
(17,922)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	2	0.26	0.03	0.26
(17,936)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	2	0.26	0.1	0.26
(17,936)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	2	0.26	0.1	0.26
(18,636)	1:44:A:GLU:HA	1:48:A:ARG:H	2	0.26	0.02	0.26
(29,713)	1:27:A:ARG:HB3	1:27:A:ARG:HE	2	0.26	0.02	0.26
(29,713)	1:27:A:ARG:HB2	1:27:A:ARG:HE	2	0.26	0.02	0.26
(29,937)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	2	0.26	0.1	0.26
(29,937)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	2	0.26	0.1	0.26
(32,611)	1:44:A:GLU:HA	1:48:A:ARG:H	2	0.26	0.02	0.26
(32,858)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	2	0.26	0.14	0.26
(32,858)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	2	0.26	0.14	0.26
(32,858)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	2	0.26	0.14	0.26
(33,624)	1:44:A:GLU:HA	1:48:A:ARG:H	2	0.26	0.02	0.26
(33,933)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	2	0.26	0.1	0.26
(33,933)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	2	0.26	0.1	0.26
(34,632)	1:44:A:GLU:HA	1:48:A:ARG:H	2	0.26	0.02	0.26
(34,946)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	2	0.26	0.1	0.26
(34,946)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	2	0.26	0.1	0.26
(1,516)	1:105:A:LYS:H	1:106:A:ASP:HB3	2	0.25	0.12	0.25
(2,511)	1:105:A:LYS:H	1:106:A:ASP:HB3	2	0.25	0.12	0.25
(3,799)	1:63:A:ILE:HD11	1:64:A:LYS:H	2	0.25	0.01	0.25
(3,799)	1:63:A:ILE:HD12	1:64:A:LYS:H	2	0.25	0.01	0.25
(3,799)	1:63:A:ILE:HD13	1:64:A:LYS:H	2	0.25	0.01	0.25
(4,503)	1:105:A:LYS:H	1:106:A:ASP:HB3	2	0.25	0.12	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,2394)	1:127:A:CYS:H	1:129:A:LYS:HG2	2	0.25	0.15	0.25
(5,2394)	1:127:A:CYS:H	1:129:A:LYS:HG3	2	0.25	0.15	0.25
(6,509)	1:105:A:LYS:H	1:106:A:ASP:HB3	2	0.25	0.12	0.25
(6,778)	1:63:A:ILE:HD11	1:64:A:LYS:H	2	0.25	0.01	0.25
(6,778)	1:63:A:ILE:HD12	1:64:A:LYS:H	2	0.25	0.01	0.25
(6,778)	1:63:A:ILE:HD13	1:64:A:LYS:H	2	0.25	0.01	0.25
(6,1572)	1:61:A:SER:HA	1:63:A:ILE:HD11	2	0.25	0.01	0.25
(6,1572)	1:61:A:SER:HA	1:63:A:ILE:HD12	2	0.25	0.01	0.25
(6,1572)	1:61:A:SER:HA	1:63:A:ILE:HD13	2	0.25	0.01	0.25
(7,514)	1:105:A:LYS:H	1:106:A:ASP:HB3	2	0.25	0.12	0.25
(9,1568)	1:61:A:SER:HA	1:63:A:ILE:HD11	2	0.25	0.01	0.25
(9,1568)	1:61:A:SER:HA	1:63:A:ILE:HD12	2	0.25	0.01	0.25
(9,1568)	1:61:A:SER:HA	1:63:A:ILE:HD13	2	0.25	0.01	0.25
(11,513)	1:105:A:LYS:H	1:106:A:ASP:HB3	2	0.25	0.12	0.25
(11,2290)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	2	0.25	0.02	0.25
(11,2290)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	2	0.25	0.02	0.25
(13,1543)	1:61:A:SER:HA	1:63:A:ILE:HD11	2	0.25	0.01	0.25
(13,1543)	1:61:A:SER:HA	1:63:A:ILE:HD12	2	0.25	0.01	0.25
(13,1543)	1:61:A:SER:HA	1:63:A:ILE:HD13	2	0.25	0.01	0.25
(15,1908)	1:9:A:PHE:HD1	1:40:A:LEU:HD11	2	0.25	0.1	0.25
(15,1908)	1:9:A:PHE:HD1	1:40:A:LEU:HD12	2	0.25	0.1	0.25
(15,1908)	1:9:A:PHE:HD1	1:40:A:LEU:HD13	2	0.25	0.1	0.25
(15,1908)	1:9:A:PHE:HD1	1:40:A:LEU:HD21	2	0.25	0.1	0.25
(15,1908)	1:9:A:PHE:HD1	1:40:A:LEU:HD22	2	0.25	0.1	0.25
(15,1908)	1:9:A:PHE:HD1	1:40:A:LEU:HD23	2	0.25	0.1	0.25
(15,1908)	1:9:A:PHE:HD2	1:40:A:LEU:HD11	2	0.25	0.1	0.25
(15,1908)	1:9:A:PHE:HD2	1:40:A:LEU:HD12	2	0.25	0.1	0.25
(15,1908)	1:9:A:PHE:HD2	1:40:A:LEU:HD13	2	0.25	0.1	0.25
(15,1908)	1:9:A:PHE:HD2	1:40:A:LEU:HD21	2	0.25	0.1	0.25
(15,1908)	1:9:A:PHE:HD2	1:40:A:LEU:HD22	2	0.25	0.1	0.25
(15,1908)	1:9:A:PHE:HD2	1:40:A:LEU:HD23	2	0.25	0.1	0.25
(17,506)	1:105:A:LYS:H	1:106:A:ASP:HB3	2	0.25	0.12	0.25
(17,1033)	1:11:A:ILE:HG12	1:44:A:GLU:HB2	2	0.25	0.13	0.25
(17,1033)	1:11:A:ILE:HG12	1:44:A:GLU:HB3	2	0.25	0.13	0.25
(17,1591)	1:61:A:SER:HA	1:63:A:ILE:HD11	2	0.25	0.01	0.25
(17,1591)	1:61:A:SER:HA	1:63:A:ILE:HD12	2	0.25	0.01	0.25
(17,1591)	1:61:A:SER:HA	1:63:A:ILE:HD13	2	0.25	0.01	0.25
(17,1927)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	2	0.25	0.09	0.25
(17,1927)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	2	0.25	0.09	0.25
(17,1927)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	2	0.25	0.09	0.25
(17,1927)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	2	0.25	0.09	0.25
(17,1927)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	2	0.25	0.09	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,1927)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	2	0.25	0.09	0.25
(18,528)	1:105:A:LYS:H	1:106:A:ASP:HB3	2	0.25	0.12	0.25
(18,2074)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	2	0.25	0.07	0.25
(18,2074)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	2	0.25	0.07	0.25
(18,2074)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	2	0.25	0.07	0.25
(18,2074)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	2	0.25	0.07	0.25
(18,2074)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	2	0.25	0.07	0.25
(18,2074)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	2	0.25	0.07	0.25
(29,1586)	1:61:A:SER:HA	1:63:A:ILE:HD11	2	0.25	0.01	0.25
(29,1586)	1:61:A:SER:HA	1:63:A:ILE:HD12	2	0.25	0.01	0.25
(29,1586)	1:61:A:SER:HA	1:63:A:ILE:HD13	2	0.25	0.01	0.25
(29,2093)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	2	0.25	0.07	0.25
(29,2093)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	2	0.25	0.07	0.25
(29,2093)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	2	0.25	0.07	0.25
(29,2093)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	2	0.25	0.07	0.25
(29,2093)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	2	0.25	0.07	0.25
(29,2093)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	2	0.25	0.07	0.25
(30,511)	1:105:A:LYS:H	1:106:A:ASP:HB3	2	0.25	0.12	0.25
(33,2416)	1:127:A:CYS:H	1:129:A:LYS:HG2	2	0.25	0.15	0.25
(33,2416)	1:127:A:CYS:H	1:129:A:LYS:HG3	2	0.25	0.15	0.25
(34,525)	1:105:A:LYS:H	1:106:A:ASP:HB3	2	0.25	0.12	0.25
(34,2228)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	2	0.25	0.08	0.25
(34,2228)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	2	0.25	0.08	0.25
(34,2228)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	2	0.25	0.08	0.25
(34,2228)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	2	0.25	0.08	0.25
(1,1475)	1:42:A:GLU:H	1:45:A:ALA:HB1	2	0.24	0.06	0.24
(1,1475)	1:42:A:GLU:H	1:45:A:ALA:HB2	2	0.24	0.06	0.24
(1,1475)	1:42:A:GLU:H	1:45:A:ALA:HB3	2	0.24	0.06	0.24
(1,1698)	1:69:A:MET:HG3	1:109:A:PRO:HA	2	0.24	0.12	0.24
(2,1476)	1:42:A:GLU:H	1:45:A:ALA:HB1	2	0.24	0.06	0.24
(2,1476)	1:42:A:GLU:H	1:45:A:ALA:HB2	2	0.24	0.06	0.24
(2,1476)	1:42:A:GLU:H	1:45:A:ALA:HB3	2	0.24	0.06	0.24
(2,2191)	1:47:A:ALA:HA	1:131:A:LEU:HD11	2	0.24	0.04	0.24
(2,2191)	1:47:A:ALA:HA	1:131:A:LEU:HD12	2	0.24	0.04	0.24
(2,2191)	1:47:A:ALA:HA	1:131:A:LEU:HD13	2	0.24	0.04	0.24
(2,2191)	1:47:A:ALA:HA	1:131:A:LEU:HD21	2	0.24	0.04	0.24
(2,2191)	1:47:A:ALA:HA	1:131:A:LEU:HD22	2	0.24	0.04	0.24
(2,2191)	1:47:A:ALA:HA	1:131:A:LEU:HD23	2	0.24	0.04	0.24
(2,2318)	1:98:A:ILE:HD11	1:116:A:GLN:HE21	2	0.24	0.08	0.24
(2,2318)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	2	0.24	0.08	0.24
(2,2318)	1:98:A:ILE:HD12	1:116:A:GLN:HE21	2	0.24	0.08	0.24
(2,2318)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	2	0.24	0.08	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2318)	1:98:A:ILE:HD13	1:116:A:GLN:HE21	2	0.24	0.08	0.24
(2,2318)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	2	0.24	0.08	0.24
(3,1714)	1:69:A:MET:HG3	1:109:A:PRO:HA	2	0.24	0.12	0.24
(3,2194)	1:47:A:ALA:HA	1:131:A:LEU:HD11	2	0.24	0.04	0.24
(3,2194)	1:47:A:ALA:HA	1:131:A:LEU:HD12	2	0.24	0.04	0.24
(3,2194)	1:47:A:ALA:HA	1:131:A:LEU:HD13	2	0.24	0.04	0.24
(3,2194)	1:47:A:ALA:HA	1:131:A:LEU:HD21	2	0.24	0.04	0.24
(3,2194)	1:47:A:ALA:HA	1:131:A:LEU:HD22	2	0.24	0.04	0.24
(3,2194)	1:47:A:ALA:HA	1:131:A:LEU:HD23	2	0.24	0.04	0.24
(4,2233)	1:69:A:MET:H	1:70:A:LYS:HG2	2	0.24	0.12	0.24
(4,2233)	1:69:A:MET:H	1:70:A:LYS:HG3	2	0.24	0.12	0.24
(4,2294)	1:98:A:ILE:HD11	1:116:A:GLN:HE21	2	0.24	0.08	0.24
(4,2294)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	2	0.24	0.08	0.24
(4,2294)	1:98:A:ILE:HD12	1:116:A:GLN:HE21	2	0.24	0.08	0.24
(4,2294)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	2	0.24	0.08	0.24
(4,2294)	1:98:A:ILE:HD13	1:116:A:GLN:HE21	2	0.24	0.08	0.24
(4,2294)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	2	0.24	0.08	0.24
(5,1234)	1:37:A:LEU:H	1:37:A:LEU:HD11	2	0.24	0.01	0.24
(5,1234)	1:37:A:LEU:H	1:37:A:LEU:HD12	2	0.24	0.01	0.24
(5,1234)	1:37:A:LEU:H	1:37:A:LEU:HD13	2	0.24	0.01	0.24
(5,1707)	1:69:A:MET:HG3	1:109:A:PRO:HA	2	0.24	0.12	0.24
(7,1947)	1:14:A:VAL:HG11	1:61:A:SER:H	2	0.24	0.04	0.24
(7,1947)	1:14:A:VAL:HG12	1:61:A:SER:H	2	0.24	0.04	0.24
(7,1947)	1:14:A:VAL:HG13	1:61:A:SER:H	2	0.24	0.04	0.24
(7,1947)	1:14:A:VAL:HG21	1:61:A:SER:H	2	0.24	0.04	0.24
(7,1947)	1:14:A:VAL:HG22	1:61:A:SER:H	2	0.24	0.04	0.24
(7,1947)	1:14:A:VAL:HG23	1:61:A:SER:H	2	0.24	0.04	0.24
(9,1461)	1:42:A:GLU:H	1:45:A:ALA:HB1	2	0.24	0.06	0.24
(9,1461)	1:42:A:GLU:H	1:45:A:ALA:HB2	2	0.24	0.06	0.24
(9,1461)	1:42:A:GLU:H	1:45:A:ALA:HB3	2	0.24	0.06	0.24
(11,1489)	1:42:A:GLU:H	1:45:A:ALA:HB1	2	0.24	0.06	0.24
(11,1489)	1:42:A:GLU:H	1:45:A:ALA:HB2	2	0.24	0.06	0.24
(11,1489)	1:42:A:GLU:H	1:45:A:ALA:HB3	2	0.24	0.06	0.24
(11,1721)	1:69:A:MET:HG3	1:109:A:PRO:HA	2	0.24	0.12	0.24
(11,2250)	1:69:A:MET:H	1:70:A:LYS:HG2	2	0.24	0.12	0.24
(11,2250)	1:69:A:MET:H	1:70:A:LYS:HG3	2	0.24	0.12	0.24
(11,2308)	1:98:A:ILE:HD11	1:116:A:GLN:HE21	2	0.24	0.08	0.24
(11,2308)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	2	0.24	0.08	0.24
(11,2308)	1:98:A:ILE:HD12	1:116:A:GLN:HE21	2	0.24	0.08	0.24
(11,2308)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	2	0.24	0.08	0.24
(11,2308)	1:98:A:ILE:HD13	1:116:A:GLN:HE21	2	0.24	0.08	0.24
(11,2308)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	2	0.24	0.08	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1444)	1:42:A:GLU:H	1:45:A:ALA:HB1	2	0.24	0.06	0.24
(13,1444)	1:42:A:GLU:H	1:45:A:ALA:HB2	2	0.24	0.06	0.24
(13,1444)	1:42:A:GLU:H	1:45:A:ALA:HB3	2	0.24	0.06	0.24
(15,957)	1:70:A:LYS:HB2	1:74:A:PRO:HA	2	0.24	0.01	0.24
(15,957)	1:70:A:LYS:HB3	1:74:A:PRO:HA	2	0.24	0.01	0.24
(15,1681)	1:69:A:MET:HG3	1:109:A:PRO:HA	2	0.24	0.12	0.24
(16,1467)	1:42:A:GLU:H	1:45:A:ALA:HB1	2	0.24	0.06	0.24
(16,1467)	1:42:A:GLU:H	1:45:A:ALA:HB2	2	0.24	0.06	0.24
(16,1467)	1:42:A:GLU:H	1:45:A:ALA:HB3	2	0.24	0.06	0.24
(16,1679)	1:69:A:MET:HG3	1:109:A:PRO:HA	2	0.24	0.12	0.24
(16,2166)	1:47:A:ALA:HA	1:131:A:LEU:HD11	2	0.24	0.04	0.24
(16,2166)	1:47:A:ALA:HA	1:131:A:LEU:HD12	2	0.24	0.04	0.24
(16,2166)	1:47:A:ALA:HA	1:131:A:LEU:HD13	2	0.24	0.04	0.24
(16,2166)	1:47:A:ALA:HA	1:131:A:LEU:HD21	2	0.24	0.04	0.24
(16,2166)	1:47:A:ALA:HA	1:131:A:LEU:HD22	2	0.24	0.04	0.24
(16,2166)	1:47:A:ALA:HA	1:131:A:LEU:HD23	2	0.24	0.04	0.24
(17,1486)	1:42:A:GLU:H	1:45:A:ALA:HB1	2	0.24	0.06	0.24
(17,1486)	1:42:A:GLU:H	1:45:A:ALA:HB2	2	0.24	0.06	0.24
(17,1486)	1:42:A:GLU:H	1:45:A:ALA:HB3	2	0.24	0.06	0.24
(17,1703)	1:69:A:MET:HG3	1:109:A:PRO:HA	2	0.24	0.12	0.24
(17,1991)	1:13:A:ALA:H	1:40:A:LEU:HD11	2	0.24	0.12	0.24
(17,1991)	1:13:A:ALA:H	1:40:A:LEU:HD12	2	0.24	0.12	0.24
(17,1991)	1:13:A:ALA:H	1:40:A:LEU:HD13	2	0.24	0.12	0.24
(17,1991)	1:13:A:ALA:H	1:40:A:LEU:HD21	2	0.24	0.12	0.24
(17,1991)	1:13:A:ALA:H	1:40:A:LEU:HD22	2	0.24	0.12	0.24
(17,1991)	1:13:A:ALA:H	1:40:A:LEU:HD23	2	0.24	0.12	0.24
(29,1238)	1:37:A:LEU:H	1:37:A:LEU:HD11	2	0.24	0.01	0.24
(29,1238)	1:37:A:LEU:H	1:37:A:LEU:HD12	2	0.24	0.01	0.24
(29,1238)	1:37:A:LEU:H	1:37:A:LEU:HD13	2	0.24	0.01	0.24
(29,1473)	1:42:A:GLU:H	1:45:A:ALA:HB1	2	0.24	0.06	0.24
(29,1473)	1:42:A:GLU:H	1:45:A:ALA:HB2	2	0.24	0.06	0.24
(29,1473)	1:42:A:GLU:H	1:45:A:ALA:HB3	2	0.24	0.06	0.24
(29,1963)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	2	0.24	0.03	0.24
(29,1963)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	2	0.24	0.03	0.24
(29,1963)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	2	0.24	0.03	0.24
(29,1963)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	2	0.24	0.03	0.24
(29,1963)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	2	0.24	0.03	0.24
(29,1963)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	2	0.24	0.03	0.24
(30,1433)	1:50:A:ALA:HB1	1:127:A:CYS:HA	2	0.24	0.1	0.24
(30,1433)	1:50:A:ALA:HB2	1:127:A:CYS:HA	2	0.24	0.1	0.24
(30,1433)	1:50:A:ALA:HB3	1:127:A:CYS:HA	2	0.24	0.1	0.24
(30,2247)	1:69:A:MET:H	1:70:A:LYS:HG2	2	0.24	0.12	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,2247)	1:69:A:MET:H	1:70:A:LYS:HG3	2	0.24	0.12	0.24
(32,1192)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	2	0.24	0.01	0.24
(32,1192)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	2	0.24	0.01	0.24
(32,1192)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	2	0.24	0.01	0.24
(33,1463)	1:42:A:GLU:H	1:45:A:ALA:HB1	2	0.24	0.06	0.24
(33,1463)	1:42:A:GLU:H	1:45:A:ALA:HB2	2	0.24	0.06	0.24
(33,1463)	1:42:A:GLU:H	1:45:A:ALA:HB3	2	0.24	0.06	0.24
(33,2308)	1:98:A:ILE:HD11	1:116:A:GLN:HE21	2	0.24	0.08	0.24
(33,2308)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	2	0.24	0.08	0.24
(33,2308)	1:98:A:ILE:HD12	1:116:A:GLN:HE21	2	0.24	0.08	0.24
(33,2308)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	2	0.24	0.08	0.24
(33,2308)	1:98:A:ILE:HD13	1:116:A:GLN:HE21	2	0.24	0.08	0.24
(33,2308)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	2	0.24	0.08	0.24
(34,1482)	1:42:A:GLU:H	1:45:A:ALA:HB1	2	0.24	0.06	0.24
(34,1482)	1:42:A:GLU:H	1:45:A:ALA:HB2	2	0.24	0.06	0.24
(34,1482)	1:42:A:GLU:H	1:45:A:ALA:HB3	2	0.24	0.06	0.24
(34,1800)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	2	0.24	0.12	0.24
(34,1800)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	2	0.24	0.12	0.24
(34,1800)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	2	0.24	0.12	0.24
(34,1800)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	2	0.24	0.12	0.24
(34,1807)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	2	0.24	0.04	0.24
(34,1807)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	2	0.24	0.04	0.24
(34,1807)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	2	0.24	0.04	0.24
(34,1807)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	2	0.24	0.04	0.24
(34,1807)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	2	0.24	0.04	0.24
(34,1807)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	2	0.24	0.04	0.24
(34,2302)	1:98:A:ILE:HD11	1:116:A:GLN:HE21	2	0.24	0.08	0.24
(34,2302)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	2	0.24	0.08	0.24
(34,2302)	1:98:A:ILE:HD12	1:116:A:GLN:HE21	2	0.24	0.08	0.24
(34,2302)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	2	0.24	0.08	0.24
(34,2302)	1:98:A:ILE:HD13	1:116:A:GLN:HE21	2	0.24	0.08	0.24
(34,2302)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	2	0.24	0.08	0.24
(11,1426)	1:132:A:ALA:HB1	1:133:A:ASN:HB2	2	0.24	0.04	0.24
(11,1426)	1:132:A:ALA:HB2	1:133:A:ASN:HB2	2	0.24	0.04	0.24
(11,1426)	1:132:A:ALA:HB3	1:133:A:ASN:HB2	2	0.24	0.04	0.24
(1,1862)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(1,1862)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(1,1862)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(1,1862)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(1,1862)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(1,1862)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(1,2081)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	2	0.24	0.11	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2081)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	2	0.24	0.11	0.24
(1,2081)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	2	0.24	0.11	0.24
(1,2081)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	2	0.24	0.11	0.24
(1,2081)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	2	0.24	0.11	0.24
(1,2081)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	2	0.24	0.11	0.24
(2,1426)	1:73:A:ILE:HG21	1:110:A:MET:HG2	2	0.24	0.0	0.24
(2,1426)	1:73:A:ILE:HG21	1:110:A:MET:HG3	2	0.24	0.0	0.24
(2,1426)	1:73:A:ILE:HG22	1:110:A:MET:HG2	2	0.24	0.0	0.24
(2,1426)	1:73:A:ILE:HG22	1:110:A:MET:HG3	2	0.24	0.0	0.24
(2,1426)	1:73:A:ILE:HG23	1:110:A:MET:HG2	2	0.24	0.0	0.24
(2,1426)	1:73:A:ILE:HG23	1:110:A:MET:HG3	2	0.24	0.0	0.24
(2,2101)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	2	0.24	0.11	0.24
(2,2101)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	2	0.24	0.11	0.24
(2,2101)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	2	0.24	0.11	0.24
(2,2101)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	2	0.24	0.11	0.24
(2,2101)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	2	0.24	0.11	0.24
(2,2101)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	2	0.24	0.11	0.24
(3,1877)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(3,1877)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(3,1877)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(3,1877)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(3,1877)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(3,1877)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(3,2113)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	2	0.24	0.11	0.24
(3,2113)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	2	0.24	0.11	0.24
(3,2113)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	2	0.24	0.11	0.24
(3,2113)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	2	0.24	0.11	0.24
(3,2113)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	2	0.24	0.11	0.24
(3,2113)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	2	0.24	0.11	0.24
(4,1401)	1:73:A:ILE:HG21	1:110:A:MET:HG2	2	0.24	0.0	0.24
(4,1401)	1:73:A:ILE:HG21	1:110:A:MET:HG3	2	0.24	0.0	0.24
(4,1401)	1:73:A:ILE:HG22	1:110:A:MET:HG2	2	0.24	0.0	0.24
(4,1401)	1:73:A:ILE:HG22	1:110:A:MET:HG3	2	0.24	0.0	0.24
(4,1401)	1:73:A:ILE:HG23	1:110:A:MET:HG2	2	0.24	0.0	0.24
(4,1401)	1:73:A:ILE:HG23	1:110:A:MET:HG3	2	0.24	0.0	0.24
(4,1525)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	2	0.24	0.01	0.24
(4,1525)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	2	0.24	0.01	0.24
(4,1525)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	2	0.24	0.01	0.24
(4,1525)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	2	0.24	0.01	0.24
(4,1525)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	2	0.24	0.01	0.24
(4,1525)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	2	0.24	0.01	0.24
(4,1825)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	2	0.24	0.06	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1825)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(4,1825)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(4,1825)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(4,1825)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(4,1825)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(5,1875)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(5,1875)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(5,1875)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(5,1875)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(5,1875)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(5,1875)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(5,2071)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	2	0.24	0.11	0.24
(5,2071)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	2	0.24	0.11	0.24
(5,2071)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	2	0.24	0.11	0.24
(5,2071)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	2	0.24	0.11	0.24
(5,2071)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	2	0.24	0.11	0.24
(5,2071)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	2	0.24	0.11	0.24
(6,107)	1:69:A:MET:H	1:70:A:LYS:HG3	2	0.24	0.08	0.24
(6,1416)	1:73:A:ILE:HG21	1:110:A:MET:HG2	2	0.24	0.0	0.24
(6,1416)	1:73:A:ILE:HG21	1:110:A:MET:HG3	2	0.24	0.0	0.24
(6,1416)	1:73:A:ILE:HG22	1:110:A:MET:HG2	2	0.24	0.0	0.24
(6,1416)	1:73:A:ILE:HG22	1:110:A:MET:HG3	2	0.24	0.0	0.24
(6,1416)	1:73:A:ILE:HG23	1:110:A:MET:HG2	2	0.24	0.0	0.24
(6,1416)	1:73:A:ILE:HG23	1:110:A:MET:HG3	2	0.24	0.0	0.24
(6,1851)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(6,1851)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(6,1851)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(6,1851)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(6,1851)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(6,1851)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(6,2085)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	2	0.24	0.11	0.24
(6,2085)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	2	0.24	0.11	0.24
(6,2085)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	2	0.24	0.11	0.24
(6,2085)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	2	0.24	0.11	0.24
(6,2085)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	2	0.24	0.11	0.24
(6,2085)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	2	0.24	0.11	0.24
(7,1817)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(7,1817)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(7,1817)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(7,1817)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(7,1817)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(7,1817)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	2	0.24	0.06	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,1415)	1:73:A:ILE:HG21	1:110:A:MET:HG2	2	0.24	0.0	0.24
(9,1415)	1:73:A:ILE:HG21	1:110:A:MET:HG3	2	0.24	0.0	0.24
(9,1415)	1:73:A:ILE:HG22	1:110:A:MET:HG2	2	0.24	0.0	0.24
(9,1415)	1:73:A:ILE:HG22	1:110:A:MET:HG3	2	0.24	0.0	0.24
(9,1415)	1:73:A:ILE:HG23	1:110:A:MET:HG2	2	0.24	0.0	0.24
(9,1415)	1:73:A:ILE:HG23	1:110:A:MET:HG3	2	0.24	0.0	0.24
(9,1839)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(9,1839)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(9,1839)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(9,1839)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(9,1839)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(9,1839)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(9,2065)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	2	0.24	0.11	0.24
(9,2065)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	2	0.24	0.11	0.24
(9,2065)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	2	0.24	0.11	0.24
(9,2065)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	2	0.24	0.11	0.24
(9,2065)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	2	0.24	0.11	0.24
(9,2065)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	2	0.24	0.11	0.24
(11,1439)	1:73:A:ILE:HG21	1:110:A:MET:HG2	2	0.24	0.0	0.24
(11,1439)	1:73:A:ILE:HG21	1:110:A:MET:HG3	2	0.24	0.0	0.24
(11,1439)	1:73:A:ILE:HG22	1:110:A:MET:HG2	2	0.24	0.0	0.24
(11,1439)	1:73:A:ILE:HG22	1:110:A:MET:HG3	2	0.24	0.0	0.24
(11,1439)	1:73:A:ILE:HG23	1:110:A:MET:HG2	2	0.24	0.0	0.24
(11,1439)	1:73:A:ILE:HG23	1:110:A:MET:HG3	2	0.24	0.0	0.24
(11,1872)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(11,1872)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(11,1872)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(11,1872)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(11,1872)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(11,1872)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(13,624)	1:9:A:PHE:HE1	1:58:A:ILE:H	2	0.24	0.06	0.24
(13,624)	1:9:A:PHE:HE2	1:58:A:ILE:H	2	0.24	0.06	0.24
(13,1395)	1:73:A:ILE:HG21	1:110:A:MET:HG2	2	0.24	0.0	0.24
(13,1395)	1:73:A:ILE:HG21	1:110:A:MET:HG3	2	0.24	0.0	0.24
(13,1395)	1:73:A:ILE:HG22	1:110:A:MET:HG2	2	0.24	0.0	0.24
(13,1395)	1:73:A:ILE:HG22	1:110:A:MET:HG3	2	0.24	0.0	0.24
(13,1395)	1:73:A:ILE:HG23	1:110:A:MET:HG2	2	0.24	0.0	0.24
(13,1395)	1:73:A:ILE:HG23	1:110:A:MET:HG3	2	0.24	0.0	0.24
(13,1511)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	2	0.24	0.01	0.24
(13,1511)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	2	0.24	0.01	0.24
(13,1511)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	2	0.24	0.01	0.24
(13,1511)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	2	0.24	0.01	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1511)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	2	0.24	0.01	0.24
(13,1511)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	2	0.24	0.01	0.24
(13,2040)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	2	0.24	0.11	0.24
(13,2040)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	2	0.24	0.11	0.24
(13,2040)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	2	0.24	0.11	0.24
(13,2040)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	2	0.24	0.11	0.24
(13,2040)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	2	0.24	0.11	0.24
(13,2040)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	2	0.24	0.11	0.24
(15,1832)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(15,1832)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(15,1832)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(15,1832)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(15,1832)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(15,1832)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(15,2060)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	2	0.24	0.11	0.24
(15,2060)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	2	0.24	0.11	0.24
(15,2060)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	2	0.24	0.11	0.24
(15,2060)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	2	0.24	0.11	0.24
(15,2060)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	2	0.24	0.11	0.24
(15,2060)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	2	0.24	0.11	0.24
(16,1836)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(16,1836)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(16,1836)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(16,1836)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(16,1836)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(16,1836)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(16,2124)	1:39:A:VAL:HG11	1:43:A:MET:HG3	2	0.24	0.01	0.24
(16,2124)	1:39:A:VAL:HG12	1:43:A:MET:HG3	2	0.24	0.01	0.24
(16,2124)	1:39:A:VAL:HG13	1:43:A:MET:HG3	2	0.24	0.01	0.24
(16,2124)	1:39:A:VAL:HG21	1:43:A:MET:HG3	2	0.24	0.01	0.24
(16,2124)	1:39:A:VAL:HG22	1:43:A:MET:HG3	2	0.24	0.01	0.24
(16,2124)	1:39:A:VAL:HG23	1:43:A:MET:HG3	2	0.24	0.01	0.24
(16,2243)	1:70:A:LYS:H	1:70:A:LYS:HD2	2	0.24	0.06	0.24
(16,2243)	1:70:A:LYS:H	1:70:A:LYS:HD3	2	0.24	0.06	0.24
(17,1439)	1:73:A:ILE:HG21	1:110:A:MET:HG2	2	0.24	0.0	0.24
(17,1439)	1:73:A:ILE:HG21	1:110:A:MET:HG3	2	0.24	0.0	0.24
(17,1439)	1:73:A:ILE:HG22	1:110:A:MET:HG2	2	0.24	0.0	0.24
(17,1439)	1:73:A:ILE:HG22	1:110:A:MET:HG3	2	0.24	0.0	0.24
(17,1439)	1:73:A:ILE:HG23	1:110:A:MET:HG2	2	0.24	0.0	0.24
(17,1439)	1:73:A:ILE:HG23	1:110:A:MET:HG3	2	0.24	0.0	0.24
(17,1561)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	2	0.24	0.01	0.24
(17,1561)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	2	0.24	0.01	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,1561)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	2	0.24	0.01	0.24
(17,1561)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	2	0.24	0.01	0.24
(17,1561)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	2	0.24	0.01	0.24
(17,1561)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	2	0.24	0.01	0.24
(17,1864)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(17,1864)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(17,1864)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(17,1864)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(17,1864)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(17,1864)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(18,1414)	1:73:A:ILE:HG21	1:110:A:MET:HG2	2	0.24	0.0	0.24
(18,1414)	1:73:A:ILE:HG21	1:110:A:MET:HG3	2	0.24	0.0	0.24
(18,1414)	1:73:A:ILE:HG22	1:110:A:MET:HG2	2	0.24	0.0	0.24
(18,1414)	1:73:A:ILE:HG22	1:110:A:MET:HG3	2	0.24	0.0	0.24
(18,1414)	1:73:A:ILE:HG23	1:110:A:MET:HG2	2	0.24	0.0	0.24
(18,1414)	1:73:A:ILE:HG23	1:110:A:MET:HG3	2	0.24	0.0	0.24
(18,1836)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(18,1836)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(18,1836)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(18,1836)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(18,1836)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(18,1836)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(18,2080)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	2	0.24	0.11	0.24
(18,2080)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	2	0.24	0.11	0.24
(18,2080)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	2	0.24	0.11	0.24
(18,2080)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	2	0.24	0.11	0.24
(18,2080)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	2	0.24	0.11	0.24
(18,2080)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	2	0.24	0.11	0.24
(29,111)	1:69:A:MET:H	1:70:A:LYS:HG3	2	0.24	0.08	0.24
(29,1868)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(29,1868)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(29,1868)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(29,1868)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(29,1868)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(29,1868)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(29,2099)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	2	0.24	0.11	0.24
(29,2099)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	2	0.24	0.11	0.24
(29,2099)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	2	0.24	0.11	0.24
(29,2099)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	2	0.24	0.11	0.24
(29,2099)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	2	0.24	0.11	0.24
(29,2099)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	2	0.24	0.11	0.24
(30,1847)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	2	0.24	0.06	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,1847)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(30,1847)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(30,1847)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(30,1847)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(30,1847)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(30,2090)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	2	0.24	0.11	0.24
(30,2090)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	2	0.24	0.11	0.24
(30,2090)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	2	0.24	0.11	0.24
(30,2090)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	2	0.24	0.11	0.24
(30,2090)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	2	0.24	0.11	0.24
(30,2090)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	2	0.24	0.11	0.24
(32,1502)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	2	0.24	0.01	0.24
(32,1502)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	2	0.24	0.01	0.24
(32,1502)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	2	0.24	0.01	0.24
(32,1502)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	2	0.24	0.01	0.24
(32,1502)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	2	0.24	0.01	0.24
(32,1502)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	2	0.24	0.01	0.24
(32,1815)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(32,1815)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(32,1815)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(32,1815)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(32,1815)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(32,1815)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(33,1417)	1:73:A:ILE:HG21	1:110:A:MET:HG2	2	0.24	0.0	0.24
(33,1417)	1:73:A:ILE:HG21	1:110:A:MET:HG3	2	0.24	0.0	0.24
(33,1417)	1:73:A:ILE:HG22	1:110:A:MET:HG2	2	0.24	0.0	0.24
(33,1417)	1:73:A:ILE:HG22	1:110:A:MET:HG3	2	0.24	0.0	0.24
(33,1417)	1:73:A:ILE:HG23	1:110:A:MET:HG2	2	0.24	0.0	0.24
(33,1417)	1:73:A:ILE:HG23	1:110:A:MET:HG3	2	0.24	0.0	0.24
(33,1534)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	2	0.24	0.01	0.24
(33,1534)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	2	0.24	0.01	0.24
(33,1534)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	2	0.24	0.01	0.24
(33,1534)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	2	0.24	0.01	0.24
(33,1534)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	2	0.24	0.01	0.24
(33,1534)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	2	0.24	0.01	0.24
(33,1845)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(33,1845)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(33,1845)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(33,1845)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(33,1845)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(33,1845)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(33,2092)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	2	0.24	0.11	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,2092)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	2	0.24	0.11	0.24
(33,2092)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	2	0.24	0.11	0.24
(33,2092)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	2	0.24	0.11	0.24
(33,2092)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	2	0.24	0.11	0.24
(33,2092)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	2	0.24	0.11	0.24
(34,1435)	1:73:A:ILE:HG21	1:110:A:MET:HG2	2	0.24	0.0	0.24
(34,1435)	1:73:A:ILE:HG21	1:110:A:MET:HG3	2	0.24	0.0	0.24
(34,1435)	1:73:A:ILE:HG22	1:110:A:MET:HG2	2	0.24	0.0	0.24
(34,1435)	1:73:A:ILE:HG22	1:110:A:MET:HG3	2	0.24	0.0	0.24
(34,1435)	1:73:A:ILE:HG23	1:110:A:MET:HG2	2	0.24	0.0	0.24
(34,1435)	1:73:A:ILE:HG23	1:110:A:MET:HG3	2	0.24	0.0	0.24
(34,1858)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(34,1858)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(34,1858)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(34,1858)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(34,1858)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	2	0.24	0.06	0.24
(34,1858)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	2	0.24	0.06	0.24
(34,2091)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	2	0.24	0.11	0.24
(34,2091)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	2	0.24	0.11	0.24
(34,2091)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	2	0.24	0.11	0.24
(34,2091)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	2	0.24	0.11	0.24
(34,2091)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	2	0.24	0.11	0.24
(34,2091)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	2	0.24	0.11	0.24
(3,1969)	1:10:A:ASN:HD21	1:13:A:ALA:HB1	2	0.24	0.1	0.24
(3,1969)	1:10:A:ASN:HD21	1:13:A:ALA:HB2	2	0.24	0.1	0.24
(3,1969)	1:10:A:ASN:HD21	1:13:A:ALA:HB3	2	0.24	0.1	0.24
(3,1969)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	2	0.24	0.1	0.24
(3,1969)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	2	0.24	0.1	0.24
(3,1969)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	2	0.24	0.1	0.24
(5,1960)	1:10:A:ASN:HD21	1:13:A:ALA:HB1	2	0.24	0.1	0.24
(5,1960)	1:10:A:ASN:HD21	1:13:A:ALA:HB2	2	0.24	0.1	0.24
(5,1960)	1:10:A:ASN:HD21	1:13:A:ALA:HB3	2	0.24	0.1	0.24
(5,1960)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	2	0.24	0.1	0.24
(5,1960)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	2	0.24	0.1	0.24
(5,1960)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	2	0.24	0.1	0.24
(6,1956)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	2	0.24	0.04	0.24
(6,1956)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	2	0.24	0.04	0.24
(6,1956)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	2	0.24	0.04	0.24
(6,1956)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	2	0.24	0.04	0.24
(7,1907)	1:10:A:ASN:HD21	1:13:A:ALA:HB1	2	0.24	0.1	0.24
(7,1907)	1:10:A:ASN:HD21	1:13:A:ALA:HB2	2	0.24	0.1	0.24
(7,1907)	1:10:A:ASN:HD21	1:13:A:ALA:HB3	2	0.24	0.1	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1907)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	2	0.24	0.1	0.24
(7,1907)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	2	0.24	0.1	0.24
(7,1907)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	2	0.24	0.1	0.24
(11,1965)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	2	0.24	0.04	0.24
(11,1965)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	2	0.24	0.04	0.24
(11,1965)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	2	0.24	0.04	0.24
(11,1965)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	2	0.24	0.04	0.24
(13,1904)	1:10:A:ASN:HD21	1:13:A:ALA:HB1	2	0.24	0.1	0.24
(13,1904)	1:10:A:ASN:HD21	1:13:A:ALA:HB2	2	0.24	0.1	0.24
(13,1904)	1:10:A:ASN:HD21	1:13:A:ALA:HB3	2	0.24	0.1	0.24
(13,1904)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	2	0.24	0.1	0.24
(13,1904)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	2	0.24	0.1	0.24
(13,1904)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	2	0.24	0.1	0.24
(16,1935)	1:10:A:ASN:HD21	1:13:A:ALA:HB1	2	0.24	0.1	0.24
(16,1935)	1:10:A:ASN:HD21	1:13:A:ALA:HB2	2	0.24	0.1	0.24
(16,1935)	1:10:A:ASN:HD21	1:13:A:ALA:HB3	2	0.24	0.1	0.24
(16,1935)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	2	0.24	0.1	0.24
(16,1935)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	2	0.24	0.1	0.24
(16,1935)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	2	0.24	0.1	0.24
(17,1965)	1:10:A:ASN:HD21	1:13:A:ALA:HB1	2	0.24	0.1	0.24
(17,1965)	1:10:A:ASN:HD21	1:13:A:ALA:HB2	2	0.24	0.1	0.24
(17,1965)	1:10:A:ASN:HD21	1:13:A:ALA:HB3	2	0.24	0.1	0.24
(17,1965)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	2	0.24	0.1	0.24
(17,1965)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	2	0.24	0.1	0.24
(17,1965)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	2	0.24	0.1	0.24
(17,1969)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	2	0.24	0.04	0.24
(17,1969)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	2	0.24	0.04	0.24
(17,1969)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	2	0.24	0.04	0.24
(17,1969)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	2	0.24	0.04	0.24
(29,1966)	1:10:A:ASN:HD21	1:13:A:ALA:HB1	2	0.24	0.1	0.24
(29,1966)	1:10:A:ASN:HD21	1:13:A:ALA:HB2	2	0.24	0.1	0.24
(29,1966)	1:10:A:ASN:HD21	1:13:A:ALA:HB3	2	0.24	0.1	0.24
(29,1966)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	2	0.24	0.1	0.24
(29,1966)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	2	0.24	0.1	0.24
(29,1966)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	2	0.24	0.1	0.24
(33,1940)	1:10:A:ASN:HD21	1:13:A:ALA:HB1	2	0.24	0.1	0.24
(33,1940)	1:10:A:ASN:HD21	1:13:A:ALA:HB2	2	0.24	0.1	0.24
(33,1940)	1:10:A:ASN:HD21	1:13:A:ALA:HB3	2	0.24	0.1	0.24
(33,1940)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	2	0.24	0.1	0.24
(33,1940)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	2	0.24	0.1	0.24
(33,1940)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	2	0.24	0.1	0.24
(1,834)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	2	0.24	0.05	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,834)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	2	0.24	0.05	0.24
(1,834)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	2	0.24	0.05	0.24
(1,834)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	2	0.24	0.05	0.24
(1,834)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	2	0.24	0.05	0.24
(1,834)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	2	0.24	0.05	0.24
(4,1880)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	2	0.24	0.0	0.24
(4,1880)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	2	0.24	0.0	0.24
(4,1880)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	2	0.24	0.0	0.24
(4,1880)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	2	0.24	0.0	0.24
(4,1880)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	2	0.24	0.0	0.24
(4,1880)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	2	0.24	0.0	0.24
(13,1953)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	2	0.24	0.06	0.24
(13,1953)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	2	0.24	0.06	0.24
(13,1953)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	2	0.24	0.06	0.24
(13,1953)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	2	0.24	0.06	0.24
(13,1953)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	2	0.24	0.06	0.24
(13,1953)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	2	0.24	0.06	0.24
(15,1923)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	2	0.24	0.03	0.24
(15,1923)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	2	0.24	0.03	0.24
(15,1923)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	2	0.24	0.03	0.24
(15,1923)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	2	0.24	0.03	0.24
(15,1923)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	2	0.24	0.03	0.24
(15,1923)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	2	0.24	0.03	0.24
(18,832)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	2	0.24	0.05	0.24
(18,832)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	2	0.24	0.05	0.24
(18,832)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	2	0.24	0.05	0.24
(18,832)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	2	0.24	0.05	0.24
(18,832)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	2	0.24	0.05	0.24
(18,832)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	2	0.24	0.05	0.24
(18,1897)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	2	0.24	0.0	0.24
(18,1897)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	2	0.24	0.0	0.24
(18,1897)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	2	0.24	0.0	0.24
(18,1897)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	2	0.24	0.0	0.24
(18,1897)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	2	0.24	0.0	0.24
(18,1897)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	2	0.24	0.0	0.24
(18,2263)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	2	0.24	0.12	0.24
(18,2263)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	2	0.24	0.12	0.24
(18,2263)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	2	0.24	0.12	0.24
(18,2263)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	2	0.24	0.12	0.24
(29,1924)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	2	0.24	0.0	0.24
(29,1924)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	2	0.24	0.0	0.24
(29,1924)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	2	0.24	0.0	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,1924)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	2	0.24	0.0	0.24
(29,1924)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	2	0.24	0.0	0.24
(29,1924)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	2	0.24	0.0	0.24
(30,1906)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	2	0.24	0.0	0.24
(30,1906)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	2	0.24	0.0	0.24
(30,1906)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	2	0.24	0.0	0.24
(30,1906)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	2	0.24	0.0	0.24
(30,1906)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	2	0.24	0.0	0.24
(30,1906)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	2	0.24	0.0	0.24
(32,1868)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	2	0.24	0.0	0.24
(32,1868)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	2	0.24	0.0	0.24
(32,1868)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	2	0.24	0.0	0.24
(32,1868)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	2	0.24	0.0	0.24
(32,1868)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	2	0.24	0.0	0.24
(32,1868)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	2	0.24	0.0	0.24
(34,1912)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	2	0.24	0.0	0.24
(34,1912)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	2	0.24	0.0	0.24
(34,1912)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	2	0.24	0.0	0.24
(34,1912)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	2	0.24	0.0	0.24
(34,1912)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	2	0.24	0.0	0.24
(34,1912)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	2	0.24	0.0	0.24
(3,890)	1:72:A:PHE:HB3	1:73:A:ILE:HD11	2	0.23	0.03	0.23
(3,890)	1:72:A:PHE:HB3	1:73:A:ILE:HD12	2	0.23	0.03	0.23
(3,890)	1:72:A:PHE:HB3	1:73:A:ILE:HD13	2	0.23	0.03	0.23
(3,1991)	1:12:A:VAL:HA	1:43:A:MET:HG2	2	0.23	0.05	0.23
(3,1991)	1:12:A:VAL:HA	1:43:A:MET:HG3	2	0.23	0.05	0.23
(4,1954)	1:12:A:VAL:HA	1:43:A:MET:HG2	2	0.23	0.05	0.23
(4,1954)	1:12:A:VAL:HA	1:43:A:MET:HG3	2	0.23	0.05	0.23
(5,2068)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	2	0.23	0.03	0.23
(5,2068)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	2	0.23	0.03	0.23
(5,2068)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	2	0.23	0.03	0.23
(5,2068)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	2	0.23	0.03	0.23
(5,2068)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	2	0.23	0.03	0.23
(5,2068)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	2	0.23	0.03	0.23
(5,2326)	1:107:A:LEU:HD11	1:108:A:GLU:H	2	0.23	0.09	0.23
(5,2326)	1:107:A:LEU:HD12	1:108:A:GLU:H	2	0.23	0.09	0.23
(5,2326)	1:107:A:LEU:HD13	1:108:A:GLU:H	2	0.23	0.09	0.23
(5,2326)	1:107:A:LEU:HD21	1:108:A:GLU:H	2	0.23	0.09	0.23
(5,2326)	1:107:A:LEU:HD22	1:108:A:GLU:H	2	0.23	0.09	0.23
(5,2326)	1:107:A:LEU:HD23	1:108:A:GLU:H	2	0.23	0.09	0.23
(6,1975)	1:12:A:VAL:HA	1:43:A:MET:HG2	2	0.23	0.05	0.23
(6,1975)	1:12:A:VAL:HA	1:43:A:MET:HG3	2	0.23	0.05	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1928)	1:12:A:VAL:HA	1:43:A:MET:HG2	2	0.23	0.05	0.23
(7,1928)	1:12:A:VAL:HA	1:43:A:MET:HG3	2	0.23	0.05	0.23
(33,1963)	1:12:A:VAL:HA	1:43:A:MET:HG2	2	0.23	0.05	0.23
(33,1963)	1:12:A:VAL:HA	1:43:A:MET:HG3	2	0.23	0.05	0.23
(34,2332)	1:107:A:LEU:HD11	1:108:A:GLU:H	2	0.23	0.09	0.23
(34,2332)	1:107:A:LEU:HD12	1:108:A:GLU:H	2	0.23	0.09	0.23
(34,2332)	1:107:A:LEU:HD13	1:108:A:GLU:H	2	0.23	0.09	0.23
(34,2332)	1:107:A:LEU:HD21	1:108:A:GLU:H	2	0.23	0.09	0.23
(34,2332)	1:107:A:LEU:HD22	1:108:A:GLU:H	2	0.23	0.09	0.23
(34,2332)	1:107:A:LEU:HD23	1:108:A:GLU:H	2	0.23	0.09	0.23
(1,1181)	1:43:A:MET:HB2	1:140:A:LEU:HD21	2	0.23	0.12	0.23
(1,1181)	1:43:A:MET:HB2	1:140:A:LEU:HD22	2	0.23	0.12	0.23
(1,1181)	1:43:A:MET:HB2	1:140:A:LEU:HD23	2	0.23	0.12	0.23
(4,1536)	1:139:A:LEU:HD21	1:142:A:LYS:HE2	2	0.23	0.08	0.23
(4,1536)	1:139:A:LEU:HD21	1:142:A:LYS:HE3	2	0.23	0.08	0.23
(4,1536)	1:139:A:LEU:HD22	1:142:A:LYS:HE2	2	0.23	0.08	0.23
(4,1536)	1:139:A:LEU:HD22	1:142:A:LYS:HE3	2	0.23	0.08	0.23
(4,1536)	1:139:A:LEU:HD23	1:142:A:LYS:HE2	2	0.23	0.08	0.23
(4,1536)	1:139:A:LEU:HD23	1:142:A:LYS:HE3	2	0.23	0.08	0.23
(4,2242)	1:70:A:LYS:H	1:70:A:LYS:HD2	2	0.23	0.06	0.23
(4,2242)	1:70:A:LYS:H	1:70:A:LYS:HD3	2	0.23	0.06	0.23
(6,1552)	1:139:A:LEU:HD21	1:142:A:LYS:HE2	2	0.23	0.08	0.23
(6,1552)	1:139:A:LEU:HD21	1:142:A:LYS:HE3	2	0.23	0.08	0.23
(6,1552)	1:139:A:LEU:HD22	1:142:A:LYS:HE2	2	0.23	0.08	0.23
(6,1552)	1:139:A:LEU:HD22	1:142:A:LYS:HE3	2	0.23	0.08	0.23
(6,1552)	1:139:A:LEU:HD23	1:142:A:LYS:HE2	2	0.23	0.08	0.23
(6,1552)	1:139:A:LEU:HD23	1:142:A:LYS:HE3	2	0.23	0.08	0.23
(11,1572)	1:139:A:LEU:HD21	1:142:A:LYS:HE2	2	0.23	0.08	0.23
(11,1572)	1:139:A:LEU:HD21	1:142:A:LYS:HE3	2	0.23	0.08	0.23
(11,1572)	1:139:A:LEU:HD22	1:142:A:LYS:HE2	2	0.23	0.08	0.23
(11,1572)	1:139:A:LEU:HD22	1:142:A:LYS:HE3	2	0.23	0.08	0.23
(11,1572)	1:139:A:LEU:HD23	1:142:A:LYS:HE2	2	0.23	0.08	0.23
(11,1572)	1:139:A:LEU:HD23	1:142:A:LYS:HE3	2	0.23	0.08	0.23
(11,1686)	1:46:A:ASN:HD22	1:134:A:VAL:HG21	2	0.23	0.12	0.23
(11,1686)	1:46:A:ASN:HD22	1:134:A:VAL:HG22	2	0.23	0.12	0.23
(11,1686)	1:46:A:ASN:HD22	1:134:A:VAL:HG23	2	0.23	0.12	0.23
(13,1520)	1:139:A:LEU:HD21	1:142:A:LYS:HE2	2	0.23	0.08	0.23
(13,1520)	1:139:A:LEU:HD21	1:142:A:LYS:HE3	2	0.23	0.08	0.23
(13,1520)	1:139:A:LEU:HD22	1:142:A:LYS:HE2	2	0.23	0.08	0.23
(13,1520)	1:139:A:LEU:HD22	1:142:A:LYS:HE3	2	0.23	0.08	0.23
(13,1520)	1:139:A:LEU:HD23	1:142:A:LYS:HE2	2	0.23	0.08	0.23
(13,1520)	1:139:A:LEU:HD23	1:142:A:LYS:HE3	2	0.23	0.08	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,1405)	1:94:A:ALA:H	1:94:A:ALA:HB1	2	0.23	0.06	0.23
(15,1405)	1:94:A:ALA:H	1:94:A:ALA:HB2	2	0.23	0.06	0.23
(15,1405)	1:94:A:ALA:H	1:94:A:ALA:HB3	2	0.23	0.06	0.23
(15,1541)	1:139:A:LEU:HD21	1:142:A:LYS:HE2	2	0.23	0.08	0.23
(15,1541)	1:139:A:LEU:HD21	1:142:A:LYS:HE3	2	0.23	0.08	0.23
(15,1541)	1:139:A:LEU:HD22	1:142:A:LYS:HE2	2	0.23	0.08	0.23
(15,1541)	1:139:A:LEU:HD22	1:142:A:LYS:HE3	2	0.23	0.08	0.23
(15,1541)	1:139:A:LEU:HD23	1:142:A:LYS:HE2	2	0.23	0.08	0.23
(15,1541)	1:139:A:LEU:HD23	1:142:A:LYS:HE3	2	0.23	0.08	0.23
(15,1972)	1:15:A:ALA:H	1:131:A:LEU:HD11	2	0.23	0.02	0.23
(15,1972)	1:15:A:ALA:H	1:131:A:LEU:HD12	2	0.23	0.02	0.23
(15,1972)	1:15:A:ALA:H	1:131:A:LEU:HD13	2	0.23	0.02	0.23
(15,1972)	1:15:A:ALA:H	1:131:A:LEU:HD21	2	0.23	0.02	0.23
(15,1972)	1:15:A:ALA:H	1:131:A:LEU:HD22	2	0.23	0.02	0.23
(15,1972)	1:15:A:ALA:H	1:131:A:LEU:HD23	2	0.23	0.02	0.23
(17,568)	1:12:A:VAL:HG11	1:16:A:SER:H	2	0.23	0.01	0.23
(17,568)	1:12:A:VAL:HG12	1:16:A:SER:H	2	0.23	0.01	0.23
(17,568)	1:12:A:VAL:HG13	1:16:A:SER:H	2	0.23	0.01	0.23
(17,788)	1:101:A:ILE:HD11	1:119:A:LEU:HG	2	0.23	0.01	0.23
(17,788)	1:101:A:ILE:HD12	1:119:A:LEU:HG	2	0.23	0.01	0.23
(17,788)	1:101:A:ILE:HD13	1:119:A:LEU:HG	2	0.23	0.01	0.23
(30,831)	1:69:A:MET:HE1	1:114:A:ILE:HD11	2	0.23	0.12	0.23
(30,831)	1:69:A:MET:HE1	1:114:A:ILE:HD12	2	0.23	0.12	0.23
(30,831)	1:69:A:MET:HE1	1:114:A:ILE:HD13	2	0.23	0.12	0.23
(30,831)	1:69:A:MET:HE2	1:114:A:ILE:HD11	2	0.23	0.12	0.23
(30,831)	1:69:A:MET:HE2	1:114:A:ILE:HD12	2	0.23	0.12	0.23
(30,831)	1:69:A:MET:HE2	1:114:A:ILE:HD13	2	0.23	0.12	0.23
(30,831)	1:69:A:MET:HE3	1:114:A:ILE:HD11	2	0.23	0.12	0.23
(30,831)	1:69:A:MET:HE3	1:114:A:ILE:HD12	2	0.23	0.12	0.23
(30,831)	1:69:A:MET:HE3	1:114:A:ILE:HD13	2	0.23	0.12	0.23
(32,1513)	1:139:A:LEU:HD21	1:142:A:LYS:HE2	2	0.23	0.08	0.23
(32,1513)	1:139:A:LEU:HD21	1:142:A:LYS:HE3	2	0.23	0.08	0.23
(32,1513)	1:139:A:LEU:HD22	1:142:A:LYS:HE2	2	0.23	0.08	0.23
(32,1513)	1:139:A:LEU:HD22	1:142:A:LYS:HE3	2	0.23	0.08	0.23
(32,1513)	1:139:A:LEU:HD23	1:142:A:LYS:HE2	2	0.23	0.08	0.23
(32,1513)	1:139:A:LEU:HD23	1:142:A:LYS:HE3	2	0.23	0.08	0.23
(33,1541)	1:139:A:LEU:HD21	1:142:A:LYS:HE2	2	0.23	0.08	0.23
(33,1541)	1:139:A:LEU:HD21	1:142:A:LYS:HE3	2	0.23	0.08	0.23
(33,1541)	1:139:A:LEU:HD22	1:142:A:LYS:HE2	2	0.23	0.08	0.23
(33,1541)	1:139:A:LEU:HD22	1:142:A:LYS:HE3	2	0.23	0.08	0.23
(33,1541)	1:139:A:LEU:HD23	1:142:A:LYS:HE2	2	0.23	0.08	0.23
(33,1541)	1:139:A:LEU:HD23	1:142:A:LYS:HE3	2	0.23	0.08	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1222)	1:110:A:MET:HA	1:113:A:PHE:HB2	2	0.23	0.06	0.23
(2,1215)	1:110:A:MET:HA	1:113:A:PHE:HB2	2	0.23	0.06	0.23
(3,1242)	1:110:A:MET:HA	1:113:A:PHE:HB2	2	0.23	0.06	0.23
(5,1232)	1:110:A:MET:HA	1:113:A:PHE:HB2	2	0.23	0.06	0.23
(6,1213)	1:110:A:MET:HA	1:113:A:PHE:HB2	2	0.23	0.06	0.23
(9,1094)	1:141:A:LYS:HA	1:148:A:CYS:HB2	2	0.23	0.06	0.23
(11,1236)	1:110:A:MET:HA	1:113:A:PHE:HB2	2	0.23	0.06	0.23
(13,1196)	1:110:A:MET:HA	1:113:A:PHE:HB2	2	0.23	0.06	0.23
(29,1236)	1:110:A:MET:HA	1:113:A:PHE:HB2	2	0.23	0.06	0.23
(1,712)	1:23:A:LEU:HB2	1:25:A:ALA:H	2	0.22	0.02	0.22
(1,712)	1:23:A:LEU:HB3	1:25:A:ALA:H	2	0.22	0.02	0.22
(2,1293)	1:18:A:PHE:HZ	1:60:A:LEU:HD21	2	0.22	0.02	0.22
(2,1293)	1:18:A:PHE:HZ	1:60:A:LEU:HD22	2	0.22	0.02	0.22
(2,1293)	1:18:A:PHE:HZ	1:60:A:LEU:HD23	2	0.22	0.02	0.22
(5,703)	1:23:A:LEU:HB2	1:25:A:ALA:H	2	0.22	0.02	0.22
(5,703)	1:23:A:LEU:HB3	1:25:A:ALA:H	2	0.22	0.02	0.22
(11,704)	1:23:A:LEU:HB2	1:25:A:ALA:H	2	0.22	0.02	0.22
(11,704)	1:23:A:LEU:HB3	1:25:A:ALA:H	2	0.22	0.02	0.22
(15,2212)	1:66:A:THR:H	1:96:A:VAL:HG11	2	0.22	0.04	0.22
(15,2212)	1:66:A:THR:H	1:96:A:VAL:HG12	2	0.22	0.04	0.22
(15,2212)	1:66:A:THR:H	1:96:A:VAL:HG13	2	0.22	0.04	0.22
(15,2212)	1:66:A:THR:H	1:96:A:VAL:HG21	2	0.22	0.04	0.22
(15,2212)	1:66:A:THR:H	1:96:A:VAL:HG22	2	0.22	0.04	0.22
(15,2212)	1:66:A:THR:H	1:96:A:VAL:HG23	2	0.22	0.04	0.22
(16,712)	1:23:A:LEU:HB2	1:25:A:ALA:H	2	0.22	0.02	0.22
(16,712)	1:23:A:LEU:HB3	1:25:A:ALA:H	2	0.22	0.02	0.22
(16,1433)	1:50:A:ALA:HB1	1:127:A:CYS:HA	2	0.22	0.11	0.22
(16,1433)	1:50:A:ALA:HB2	1:127:A:CYS:HA	2	0.22	0.11	0.22
(16,1433)	1:50:A:ALA:HB3	1:127:A:CYS:HA	2	0.22	0.11	0.22
(17,705)	1:23:A:LEU:HB2	1:25:A:ALA:H	2	0.22	0.02	0.22
(17,705)	1:23:A:LEU:HB3	1:25:A:ALA:H	2	0.22	0.02	0.22
(32,685)	1:23:A:LEU:HB2	1:25:A:ALA:H	2	0.22	0.02	0.22
(32,685)	1:23:A:LEU:HB3	1:25:A:ALA:H	2	0.22	0.02	0.22
(33,703)	1:23:A:LEU:HB2	1:25:A:ALA:H	2	0.22	0.02	0.22
(33,703)	1:23:A:LEU:HB3	1:25:A:ALA:H	2	0.22	0.02	0.22
(3,73)	1:29:A:LYS:H	1:30:A:LEU:H	2	0.22	0.02	0.22
(5,69)	1:29:A:LYS:H	1:30:A:LEU:H	2	0.22	0.02	0.22
(7,71)	1:29:A:LYS:H	1:30:A:LEU:H	2	0.22	0.02	0.22
(11,2132)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	2	0.22	0.02	0.22
(11,2132)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	2	0.22	0.02	0.22
(11,2132)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	2	0.22	0.02	0.22
(11,2132)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	2	0.22	0.02	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,2132)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	2	0.22	0.02	0.22
(11,2132)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	2	0.22	0.02	0.22
(13,69)	1:29:A:LYS:H	1:30:A:LEU:H	2	0.22	0.02	0.22
(15,76)	1:29:A:LYS:H	1:30:A:LEU:H	2	0.22	0.02	0.22
(16,69)	1:29:A:LYS:H	1:30:A:LEU:H	2	0.22	0.02	0.22
(29,76)	1:29:A:LYS:H	1:30:A:LEU:H	2	0.22	0.02	0.22
(32,68)	1:29:A:LYS:H	1:30:A:LEU:H	2	0.22	0.02	0.22
(33,78)	1:29:A:LYS:H	1:30:A:LEU:H	2	0.22	0.02	0.22
(34,72)	1:29:A:LYS:H	1:30:A:LEU:H	2	0.22	0.02	0.22
(2,1389)	1:94:A:ALA:HA	1:95:A:ILE:HB	2	0.22	0.05	0.22
(4,1366)	1:94:A:ALA:HA	1:95:A:ILE:HB	2	0.22	0.05	0.22
(5,1405)	1:94:A:ALA:HA	1:95:A:ILE:HB	2	0.22	0.05	0.22
(5,2030)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	2	0.22	0.05	0.22
(5,2030)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	2	0.22	0.05	0.22
(5,2030)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	2	0.22	0.05	0.22
(5,2030)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	2	0.22	0.05	0.22
(5,2030)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	2	0.22	0.05	0.22
(5,2030)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	2	0.22	0.05	0.22
(5,2030)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	2	0.22	0.05	0.22
(5,2030)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	2	0.22	0.05	0.22
(5,2030)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	2	0.22	0.05	0.22
(5,2030)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	2	0.22	0.05	0.22
(5,2030)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	2	0.22	0.05	0.22
(5,2030)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	2	0.22	0.05	0.22
(5,2482)	1:150:A:THR:H	1:151:A:PHE:HB2	2	0.22	0.05	0.22
(5,2482)	1:150:A:THR:H	1:151:A:PHE:HB3	2	0.22	0.05	0.22
(6,1654)	1:46:A:ASN:HD22	1:134:A:VAL:HG21	2	0.22	0.12	0.22
(6,1654)	1:46:A:ASN:HD22	1:134:A:VAL:HG22	2	0.22	0.12	0.22
(6,1654)	1:46:A:ASN:HD22	1:134:A:VAL:HG23	2	0.22	0.12	0.22
(6,2479)	1:150:A:THR:H	1:151:A:PHE:HB2	2	0.22	0.05	0.22
(6,2479)	1:150:A:THR:H	1:151:A:PHE:HB3	2	0.22	0.05	0.22
(9,831)	1:69:A:MET:HE1	1:114:A:ILE:HD11	2	0.22	0.12	0.22
(9,831)	1:69:A:MET:HE1	1:114:A:ILE:HD12	2	0.22	0.12	0.22
(9,831)	1:69:A:MET:HE1	1:114:A:ILE:HD13	2	0.22	0.12	0.22
(9,831)	1:69:A:MET:HE2	1:114:A:ILE:HD11	2	0.22	0.12	0.22
(9,831)	1:69:A:MET:HE2	1:114:A:ILE:HD12	2	0.22	0.12	0.22
(9,831)	1:69:A:MET:HE2	1:114:A:ILE:HD13	2	0.22	0.12	0.22
(9,831)	1:69:A:MET:HE3	1:114:A:ILE:HD11	2	0.22	0.12	0.22
(9,831)	1:69:A:MET:HE3	1:114:A:ILE:HD12	2	0.22	0.12	0.22
(9,831)	1:69:A:MET:HE3	1:114:A:ILE:HD13	2	0.22	0.12	0.22
(9,1379)	1:94:A:ALA:HA	1:95:A:ILE:HB	2	0.22	0.05	0.22
(11,1405)	1:94:A:ALA:HA	1:95:A:ILE:HB	2	0.22	0.05	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,2463)	1:150:A:THR:H	1:151:A:PHE:HB2	2	0.22	0.05	0.22
(11,2463)	1:150:A:THR:H	1:151:A:PHE:HB3	2	0.22	0.05	0.22
(17,1404)	1:94:A:ALA:HA	1:95:A:ILE:HB	2	0.22	0.05	0.22
(18,1380)	1:94:A:ALA:HA	1:95:A:ILE:HB	2	0.22	0.05	0.22
(30,1384)	1:94:A:ALA:HA	1:95:A:ILE:HB	2	0.22	0.05	0.22
(32,1352)	1:94:A:ALA:HA	1:95:A:ILE:HB	2	0.22	0.05	0.22
(33,1384)	1:94:A:ALA:HA	1:95:A:ILE:HB	2	0.22	0.05	0.22
(33,1642)	1:46:A:ASN:HD22	1:134:A:VAL:HG21	2	0.22	0.12	0.22
(33,1642)	1:46:A:ASN:HD22	1:134:A:VAL:HG22	2	0.22	0.12	0.22
(33,1642)	1:46:A:ASN:HD22	1:134:A:VAL:HG23	2	0.22	0.12	0.22
(34,2246)	1:70:A:LYS:H	1:70:A:LYS:HD2	2	0.22	0.06	0.22
(34,2246)	1:70:A:LYS:H	1:70:A:LYS:HD3	2	0.22	0.06	0.22
(6,1483)	1:47:A:ALA:HB1	1:57:A:LEU:HD21	2	0.22	0.02	0.22
(6,1483)	1:47:A:ALA:HB1	1:57:A:LEU:HD22	2	0.22	0.02	0.22
(6,1483)	1:47:A:ALA:HB1	1:57:A:LEU:HD23	2	0.22	0.02	0.22
(6,1483)	1:47:A:ALA:HB2	1:57:A:LEU:HD21	2	0.22	0.02	0.22
(6,1483)	1:47:A:ALA:HB2	1:57:A:LEU:HD22	2	0.22	0.02	0.22
(6,1483)	1:47:A:ALA:HB2	1:57:A:LEU:HD23	2	0.22	0.02	0.22
(6,1483)	1:47:A:ALA:HB3	1:57:A:LEU:HD21	2	0.22	0.02	0.22
(6,1483)	1:47:A:ALA:HB3	1:57:A:LEU:HD22	2	0.22	0.02	0.22
(6,1483)	1:47:A:ALA:HB3	1:57:A:LEU:HD23	2	0.22	0.02	0.22
(34,904)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	2	0.22	0.08	0.22
(34,904)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	2	0.22	0.08	0.22
(34,904)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	2	0.22	0.08	0.22
(2,1522)	1:110:A:MET:HE1	1:113:A:PHE:HE1	2	0.22	0.06	0.22
(2,1522)	1:110:A:MET:HE1	1:113:A:PHE:HE2	2	0.22	0.06	0.22
(2,1522)	1:110:A:MET:HE2	1:113:A:PHE:HE1	2	0.22	0.06	0.22
(2,1522)	1:110:A:MET:HE2	1:113:A:PHE:HE2	2	0.22	0.06	0.22
(2,1522)	1:110:A:MET:HE3	1:113:A:PHE:HE1	2	0.22	0.06	0.22
(2,1522)	1:110:A:MET:HE3	1:113:A:PHE:HE2	2	0.22	0.06	0.22
(6,1516)	1:110:A:MET:HE1	1:113:A:PHE:HE1	2	0.22	0.06	0.22
(6,1516)	1:110:A:MET:HE1	1:113:A:PHE:HE2	2	0.22	0.06	0.22
(6,1516)	1:110:A:MET:HE2	1:113:A:PHE:HE1	2	0.22	0.06	0.22
(6,1516)	1:110:A:MET:HE2	1:113:A:PHE:HE2	2	0.22	0.06	0.22
(6,1516)	1:110:A:MET:HE3	1:113:A:PHE:HE1	2	0.22	0.06	0.22
(6,1516)	1:110:A:MET:HE3	1:113:A:PHE:HE2	2	0.22	0.06	0.22
(9,1223)	1:110:A:MET:HA	1:113:A:PHE:HB2	2	0.22	0.06	0.22
(13,1492)	1:110:A:MET:HE1	1:113:A:PHE:HE1	2	0.22	0.06	0.22
(13,1492)	1:110:A:MET:HE1	1:113:A:PHE:HE2	2	0.22	0.06	0.22
(13,1492)	1:110:A:MET:HE2	1:113:A:PHE:HE1	2	0.22	0.06	0.22
(13,1492)	1:110:A:MET:HE2	1:113:A:PHE:HE2	2	0.22	0.06	0.22
(13,1492)	1:110:A:MET:HE3	1:113:A:PHE:HE1	2	0.22	0.06	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1492)	1:110:A:MET:HE3	1:113:A:PHE:HE2	2	0.22	0.06	0.22
(15,1511)	1:110:A:MET:HE1	1:113:A:PHE:HE1	2	0.22	0.06	0.22
(15,1511)	1:110:A:MET:HE1	1:113:A:PHE:HE2	2	0.22	0.06	0.22
(15,1511)	1:110:A:MET:HE2	1:113:A:PHE:HE1	2	0.22	0.06	0.22
(15,1511)	1:110:A:MET:HE2	1:113:A:PHE:HE2	2	0.22	0.06	0.22
(15,1511)	1:110:A:MET:HE3	1:113:A:PHE:HE1	2	0.22	0.06	0.22
(15,1511)	1:110:A:MET:HE3	1:113:A:PHE:HE2	2	0.22	0.06	0.22
(16,1519)	1:110:A:MET:HE1	1:113:A:PHE:HE1	2	0.22	0.06	0.22
(16,1519)	1:110:A:MET:HE1	1:113:A:PHE:HE2	2	0.22	0.06	0.22
(16,1519)	1:110:A:MET:HE2	1:113:A:PHE:HE1	2	0.22	0.06	0.22
(16,1519)	1:110:A:MET:HE2	1:113:A:PHE:HE2	2	0.22	0.06	0.22
(16,1519)	1:110:A:MET:HE3	1:113:A:PHE:HE1	2	0.22	0.06	0.22
(16,1519)	1:110:A:MET:HE3	1:113:A:PHE:HE2	2	0.22	0.06	0.22
(18,1236)	1:136:A:CYS:HA	1:140:A:LEU:HD11	2	0.22	0.07	0.22
(18,1236)	1:136:A:CYS:HA	1:140:A:LEU:HD12	2	0.22	0.07	0.22
(18,1236)	1:136:A:CYS:HA	1:140:A:LEU:HD13	2	0.22	0.07	0.22
(18,1511)	1:110:A:MET:HE1	1:113:A:PHE:HE1	2	0.22	0.06	0.22
(18,1511)	1:110:A:MET:HE1	1:113:A:PHE:HE2	2	0.22	0.06	0.22
(18,1511)	1:110:A:MET:HE2	1:113:A:PHE:HE1	2	0.22	0.06	0.22
(18,1511)	1:110:A:MET:HE2	1:113:A:PHE:HE2	2	0.22	0.06	0.22
(18,1511)	1:110:A:MET:HE3	1:113:A:PHE:HE1	2	0.22	0.06	0.22
(18,1511)	1:110:A:MET:HE3	1:113:A:PHE:HE2	2	0.22	0.06	0.22
(29,1245)	1:136:A:CYS:HA	1:140:A:LEU:HD11	2	0.22	0.07	0.22
(29,1245)	1:136:A:CYS:HA	1:140:A:LEU:HD12	2	0.22	0.07	0.22
(29,1245)	1:136:A:CYS:HA	1:140:A:LEU:HD13	2	0.22	0.07	0.22
(32,1186)	1:110:A:MET:HA	1:113:A:PHE:HB2	2	0.22	0.06	0.22
(33,1229)	1:110:A:MET:HA	1:113:A:PHE:HB2	2	0.22	0.06	0.22
(34,1259)	1:136:A:CYS:HA	1:140:A:LEU:HD11	2	0.22	0.07	0.22
(34,1259)	1:136:A:CYS:HA	1:140:A:LEU:HD12	2	0.22	0.07	0.22
(34,1259)	1:136:A:CYS:HA	1:140:A:LEU:HD13	2	0.22	0.07	0.22
(1,1291)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(1,1291)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(1,1291)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(3,931)	1:44:A:GLU:H	1:44:A:GLU:HG3	2	0.22	0.02	0.22
(3,931)	1:44:A:GLU:H	1:44:A:GLU:HG2	2	0.22	0.02	0.22
(3,1208)	1:23:A:LEU:HD21	1:24:A:ASP:H	2	0.22	0.02	0.22
(3,1208)	1:23:A:LEU:HD22	1:24:A:ASP:H	2	0.22	0.02	0.22
(3,1208)	1:23:A:LEU:HD23	1:24:A:ASP:H	2	0.22	0.02	0.22
(3,1311)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(3,1311)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(3,1311)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(4,1265)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	2	0.22	0.01	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1265)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(4,1265)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(5,1307)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(5,1307)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(5,1307)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(7,1268)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(7,1268)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(7,1268)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(7,2356)	1:116:A:GLN:HA	1:116:A:GLN:HG2	2	0.22	0.01	0.22
(7,2356)	1:116:A:GLN:HA	1:116:A:GLN:HG3	2	0.22	0.01	0.22
(9,1148)	1:78:A:HIS:HA	1:79:A:THR:HB	2	0.22	0.01	0.22
(11,915)	1:44:A:GLU:H	1:44:A:GLU:HG3	2	0.22	0.02	0.22
(11,915)	1:44:A:GLU:H	1:44:A:GLU:HG2	2	0.22	0.02	0.22
(11,1602)	1:58:A:ILE:HD11	1:59:A:CYS:H	2	0.22	0.08	0.22
(11,1602)	1:58:A:ILE:HD12	1:59:A:CYS:H	2	0.22	0.08	0.22
(11,1602)	1:58:A:ILE:HD13	1:59:A:CYS:H	2	0.22	0.08	0.22
(13,1259)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(13,1259)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(13,1259)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(15,1287)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(15,1287)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(15,1287)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(16,1288)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(16,1288)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(16,1288)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(17,1296)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(17,1296)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(17,1296)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(18,1284)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(18,1284)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(18,1284)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(29,1299)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(29,1299)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(29,1299)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(30,1282)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(30,1282)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(30,1282)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(32,236)	1:23:A:LEU:HD21	1:24:A:ASP:H	2	0.22	0.02	0.22
(32,236)	1:23:A:LEU:HD22	1:24:A:ASP:H	2	0.22	0.02	0.22
(32,236)	1:23:A:LEU:HD23	1:24:A:ASP:H	2	0.22	0.02	0.22
(32,1257)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(32,1257)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	2	0.22	0.01	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,1257)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(33,1293)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(33,1293)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(33,1293)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	2	0.22	0.01	0.22
(34,1015)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.22	0.01	0.22
(34,2134)	1:40:A:LEU:HD11	1:41:A:LYS:H	2	0.22	0.04	0.22
(34,2134)	1:40:A:LEU:HD12	1:41:A:LYS:H	2	0.22	0.04	0.22
(34,2134)	1:40:A:LEU:HD13	1:41:A:LYS:H	2	0.22	0.04	0.22
(34,2134)	1:40:A:LEU:HD21	1:41:A:LYS:H	2	0.22	0.04	0.22
(34,2134)	1:40:A:LEU:HD22	1:41:A:LYS:H	2	0.22	0.04	0.22
(34,2134)	1:40:A:LEU:HD23	1:41:A:LYS:H	2	0.22	0.04	0.22
(1,724)	1:9:A:PHE:HD1	1:54:A:ARG:HE	2	0.21	0.05	0.21
(1,724)	1:9:A:PHE:HD2	1:54:A:ARG:HE	2	0.21	0.05	0.21
(2,1105)	1:129:A:LYS:HA	1:132:A:ALA:HB1	2	0.21	0.01	0.21
(2,1105)	1:129:A:LYS:HA	1:132:A:ALA:HB2	2	0.21	0.01	0.21
(2,1105)	1:129:A:LYS:HA	1:132:A:ALA:HB3	2	0.21	0.01	0.21
(2,2422)	1:132:A:ALA:HA	1:133:A:ASN:HB2	2	0.21	0.02	0.21
(2,2422)	1:132:A:ALA:HA	1:133:A:ASN:HB3	2	0.21	0.02	0.21
(3,216)	1:44:A:GLU:HB2	1:48:A:ARG:H	2	0.21	0.01	0.21
(3,216)	1:44:A:GLU:HB3	1:48:A:ARG:H	2	0.21	0.01	0.21
(3,1053)	1:63:A:ILE:H	1:63:A:ILE:HG12	2	0.21	0.04	0.21
(3,1207)	1:23:A:LEU:H	1:23:A:LEU:HD21	2	0.21	0.06	0.21
(3,1207)	1:23:A:LEU:H	1:23:A:LEU:HD22	2	0.21	0.06	0.21
(3,1207)	1:23:A:LEU:H	1:23:A:LEU:HD23	2	0.21	0.06	0.21
(3,2454)	1:132:A:ALA:HA	1:133:A:ASN:HB2	2	0.21	0.02	0.21
(3,2454)	1:132:A:ALA:HA	1:133:A:ASN:HB3	2	0.21	0.02	0.21
(5,1122)	1:129:A:LYS:HA	1:132:A:ALA:HB1	2	0.21	0.01	0.21
(5,1122)	1:129:A:LYS:HA	1:132:A:ALA:HB2	2	0.21	0.01	0.21
(5,1122)	1:129:A:LYS:HA	1:132:A:ALA:HB3	2	0.21	0.01	0.21
(6,1097)	1:129:A:LYS:HA	1:132:A:ALA:HB1	2	0.21	0.01	0.21
(6,1097)	1:129:A:LYS:HA	1:132:A:ALA:HB2	2	0.21	0.01	0.21
(6,1097)	1:129:A:LYS:HA	1:132:A:ALA:HB3	2	0.21	0.01	0.21
(7,712)	1:9:A:PHE:HD1	1:54:A:ARG:HE	2	0.21	0.05	0.21
(7,712)	1:9:A:PHE:HD2	1:54:A:ARG:HE	2	0.21	0.05	0.21
(7,2412)	1:132:A:ALA:HA	1:133:A:ASN:HB2	2	0.21	0.02	0.21
(7,2412)	1:132:A:ALA:HA	1:133:A:ASN:HB3	2	0.21	0.02	0.21
(9,1113)	1:129:A:LYS:HA	1:132:A:ALA:HB1	2	0.21	0.01	0.21
(9,1113)	1:129:A:LYS:HA	1:132:A:ALA:HB2	2	0.21	0.01	0.21
(9,1113)	1:129:A:LYS:HA	1:132:A:ALA:HB3	2	0.21	0.01	0.21
(13,216)	1:44:A:GLU:HB2	1:48:A:ARG:H	2	0.21	0.01	0.21
(13,216)	1:44:A:GLU:HB3	1:48:A:ARG:H	2	0.21	0.01	0.21
(13,2408)	1:132:A:ALA:HA	1:133:A:ASN:HB2	2	0.21	0.02	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,2408)	1:132:A:ALA:HA	1:133:A:ASN:HB3	2	0.21	0.02	0.21
(15,719)	1:9:A:PHE:HD1	1:54:A:ARG:HE	2	0.21	0.05	0.21
(15,719)	1:9:A:PHE:HD2	1:54:A:ARG:HE	2	0.21	0.05	0.21
(15,2053)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	2	0.21	0.07	0.21
(15,2053)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	2	0.21	0.07	0.21
(15,2053)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	2	0.21	0.07	0.21
(15,2053)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	2	0.21	0.07	0.21
(15,2053)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	2	0.21	0.07	0.21
(15,2053)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	2	0.21	0.07	0.21
(15,2353)	1:113:A:PHE:HE1	1:114:A:ILE:HG12	2	0.21	0.02	0.21
(15,2353)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	2	0.21	0.02	0.21
(15,2353)	1:113:A:PHE:HE2	1:114:A:ILE:HG12	2	0.21	0.02	0.21
(15,2353)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	2	0.21	0.02	0.21
(17,720)	1:9:A:PHE:HD1	1:54:A:ARG:HE	2	0.21	0.05	0.21
(17,720)	1:9:A:PHE:HD2	1:54:A:ARG:HE	2	0.21	0.05	0.21
(29,222)	1:44:A:GLU:HB2	1:48:A:ARG:H	2	0.21	0.01	0.21
(29,222)	1:44:A:GLU:HB3	1:48:A:ARG:H	2	0.21	0.01	0.21
(29,2243)	1:70:A:LYS:H	1:70:A:LYS:HD2	2	0.21	0.06	0.21
(29,2243)	1:70:A:LYS:H	1:70:A:LYS:HD3	2	0.21	0.06	0.21
(29,2390)	1:132:A:ALA:HA	1:133:A:ASN:HB2	2	0.21	0.02	0.21
(29,2390)	1:132:A:ALA:HA	1:133:A:ASN:HB3	2	0.21	0.02	0.21
(30,2255)	1:70:A:LYS:H	1:70:A:LYS:HD2	2	0.21	0.06	0.21
(30,2255)	1:70:A:LYS:H	1:70:A:LYS:HD3	2	0.21	0.06	0.21
(32,209)	1:44:A:GLU:HB2	1:48:A:ARG:H	2	0.21	0.01	0.21
(32,209)	1:44:A:GLU:HB3	1:48:A:ARG:H	2	0.21	0.01	0.21
(33,2261)	1:70:A:LYS:H	1:70:A:LYS:HD2	2	0.21	0.06	0.21
(33,2261)	1:70:A:LYS:H	1:70:A:LYS:HD3	2	0.21	0.06	0.21
(34,222)	1:44:A:GLU:HB2	1:48:A:ARG:H	2	0.21	0.01	0.21
(34,222)	1:44:A:GLU:HB3	1:48:A:ARG:H	2	0.21	0.01	0.21
(34,727)	1:9:A:PHE:HD1	1:54:A:ARG:HE	2	0.21	0.05	0.21
(34,727)	1:9:A:PHE:HD2	1:54:A:ARG:HE	2	0.21	0.05	0.21
(1,1042)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	2	0.21	0.08	0.21
(1,1777)	1:39:A:VAL:HG21	1:41:A:LYS:H	2	0.21	0.0	0.21
(1,1777)	1:39:A:VAL:HG22	1:41:A:LYS:H	2	0.21	0.0	0.21
(1,1777)	1:39:A:VAL:HG23	1:41:A:LYS:H	2	0.21	0.0	0.21
(1,1927)	1:13:A:ALA:H	1:80:A:TYR:HE1	2	0.21	0.03	0.21
(1,1927)	1:13:A:ALA:H	1:80:A:TYR:HE2	2	0.21	0.03	0.21
(2,1936)	1:13:A:ALA:H	1:80:A:TYR:HE1	2	0.21	0.03	0.21
(2,1936)	1:13:A:ALA:H	1:80:A:TYR:HE2	2	0.21	0.03	0.21
(3,1049)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	2	0.21	0.08	0.21
(3,1936)	1:13:A:ALA:H	1:80:A:TYR:HE1	2	0.21	0.03	0.21
(3,1936)	1:13:A:ALA:H	1:80:A:TYR:HE2	2	0.21	0.03	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,1039)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	2	0.21	0.08	0.21
(5,1787)	1:39:A:VAL:HG21	1:41:A:LYS:H	2	0.21	0.0	0.21
(5,1787)	1:39:A:VAL:HG22	1:41:A:LYS:H	2	0.21	0.0	0.21
(5,1787)	1:39:A:VAL:HG23	1:41:A:LYS:H	2	0.21	0.0	0.21
(6,1768)	1:39:A:VAL:HG21	1:41:A:LYS:H	2	0.21	0.0	0.21
(6,1768)	1:39:A:VAL:HG22	1:41:A:LYS:H	2	0.21	0.0	0.21
(6,1768)	1:39:A:VAL:HG23	1:41:A:LYS:H	2	0.21	0.0	0.21
(7,1725)	1:39:A:VAL:HG21	1:41:A:LYS:H	2	0.21	0.0	0.21
(7,1725)	1:39:A:VAL:HG22	1:41:A:LYS:H	2	0.21	0.0	0.21
(7,1725)	1:39:A:VAL:HG23	1:41:A:LYS:H	2	0.21	0.0	0.21
(9,1756)	1:39:A:VAL:HG21	1:41:A:LYS:H	2	0.21	0.0	0.21
(9,1756)	1:39:A:VAL:HG22	1:41:A:LYS:H	2	0.21	0.0	0.21
(9,1756)	1:39:A:VAL:HG23	1:41:A:LYS:H	2	0.21	0.0	0.21
(13,1730)	1:39:A:VAL:HG21	1:41:A:LYS:H	2	0.21	0.0	0.21
(13,1730)	1:39:A:VAL:HG22	1:41:A:LYS:H	2	0.21	0.0	0.21
(13,1730)	1:39:A:VAL:HG23	1:41:A:LYS:H	2	0.21	0.0	0.21
(13,1983)	1:18:A:PHE:HD1	1:60:A:LEU:HD11	2	0.21	0.09	0.21
(13,1983)	1:18:A:PHE:HD1	1:60:A:LEU:HD12	2	0.21	0.09	0.21
(13,1983)	1:18:A:PHE:HD1	1:60:A:LEU:HD13	2	0.21	0.09	0.21
(13,1983)	1:18:A:PHE:HD1	1:60:A:LEU:HD21	2	0.21	0.09	0.21
(13,1983)	1:18:A:PHE:HD1	1:60:A:LEU:HD22	2	0.21	0.09	0.21
(13,1983)	1:18:A:PHE:HD1	1:60:A:LEU:HD23	2	0.21	0.09	0.21
(13,1983)	1:18:A:PHE:HD2	1:60:A:LEU:HD11	2	0.21	0.09	0.21
(13,1983)	1:18:A:PHE:HD2	1:60:A:LEU:HD12	2	0.21	0.09	0.21
(13,1983)	1:18:A:PHE:HD2	1:60:A:LEU:HD13	2	0.21	0.09	0.21
(13,1983)	1:18:A:PHE:HD2	1:60:A:LEU:HD21	2	0.21	0.09	0.21
(13,1983)	1:18:A:PHE:HD2	1:60:A:LEU:HD22	2	0.21	0.09	0.21
(13,1983)	1:18:A:PHE:HD2	1:60:A:LEU:HD23	2	0.21	0.09	0.21
(16,1755)	1:39:A:VAL:HG21	1:41:A:LYS:H	2	0.21	0.0	0.21
(16,1755)	1:39:A:VAL:HG22	1:41:A:LYS:H	2	0.21	0.0	0.21
(16,1755)	1:39:A:VAL:HG23	1:41:A:LYS:H	2	0.21	0.0	0.21
(17,1039)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	2	0.21	0.08	0.21
(17,1777)	1:39:A:VAL:HG21	1:41:A:LYS:H	2	0.21	0.0	0.21
(17,1777)	1:39:A:VAL:HG22	1:41:A:LYS:H	2	0.21	0.0	0.21
(17,1777)	1:39:A:VAL:HG23	1:41:A:LYS:H	2	0.21	0.0	0.21
(18,1045)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	2	0.21	0.08	0.21
(18,1746)	1:39:A:VAL:HG21	1:41:A:LYS:H	2	0.21	0.0	0.21
(18,1746)	1:39:A:VAL:HG22	1:41:A:LYS:H	2	0.21	0.0	0.21
(18,1746)	1:39:A:VAL:HG23	1:41:A:LYS:H	2	0.21	0.0	0.21
(29,1045)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	2	0.21	0.08	0.21
(29,1783)	1:39:A:VAL:HG21	1:41:A:LYS:H	2	0.21	0.0	0.21
(29,1783)	1:39:A:VAL:HG22	1:41:A:LYS:H	2	0.21	0.0	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,1783)	1:39:A:VAL:HG23	1:41:A:LYS:H	2	0.21	0.0	0.21
(30,1911)	1:13:A:ALA:H	1:80:A:TYR:HE1	2	0.21	0.03	0.21
(30,1911)	1:13:A:ALA:H	1:80:A:TYR:HE2	2	0.21	0.03	0.21
(32,1725)	1:39:A:VAL:HG21	1:41:A:LYS:H	2	0.21	0.0	0.21
(32,1725)	1:39:A:VAL:HG22	1:41:A:LYS:H	2	0.21	0.0	0.21
(32,1725)	1:39:A:VAL:HG23	1:41:A:LYS:H	2	0.21	0.0	0.21
(33,1760)	1:39:A:VAL:HG21	1:41:A:LYS:H	2	0.21	0.0	0.21
(33,1760)	1:39:A:VAL:HG22	1:41:A:LYS:H	2	0.21	0.0	0.21
(33,1760)	1:39:A:VAL:HG23	1:41:A:LYS:H	2	0.21	0.0	0.21
(34,1396)	1:103:A:ARG:HD2	1:107:A:LEU:HD11	2	0.21	0.03	0.21
(34,1396)	1:103:A:ARG:HD2	1:107:A:LEU:HD12	2	0.21	0.03	0.21
(34,1396)	1:103:A:ARG:HD2	1:107:A:LEU:HD13	2	0.21	0.03	0.21
(34,1396)	1:103:A:ARG:HD3	1:107:A:LEU:HD11	2	0.21	0.03	0.21
(34,1396)	1:103:A:ARG:HD3	1:107:A:LEU:HD12	2	0.21	0.03	0.21
(34,1396)	1:103:A:ARG:HD3	1:107:A:LEU:HD13	2	0.21	0.03	0.21
(34,1773)	1:39:A:VAL:HG21	1:41:A:LYS:H	2	0.21	0.0	0.21
(34,1773)	1:39:A:VAL:HG22	1:41:A:LYS:H	2	0.21	0.0	0.21
(34,1773)	1:39:A:VAL:HG23	1:41:A:LYS:H	2	0.21	0.0	0.21
(1,1778)	1:66:A:THR:HG21	1:97:A:ASP:HA	2	0.2	0.02	0.2
(1,1778)	1:66:A:THR:HG22	1:97:A:ASP:HA	2	0.2	0.02	0.2
(1,1778)	1:66:A:THR:HG23	1:97:A:ASP:HA	2	0.2	0.02	0.2
(2,950)	1:70:A:LYS:HB2	1:74:A:PRO:HA	2	0.2	0.0	0.2
(2,950)	1:70:A:LYS:HB3	1:74:A:PRO:HA	2	0.2	0.0	0.2
(2,1785)	1:66:A:THR:HG21	1:97:A:ASP:HA	2	0.2	0.02	0.2
(2,1785)	1:66:A:THR:HG22	1:97:A:ASP:HA	2	0.2	0.02	0.2
(2,1785)	1:66:A:THR:HG23	1:97:A:ASP:HA	2	0.2	0.02	0.2
(3,1284)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	2	0.2	0.03	0.2
(3,1284)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	2	0.2	0.03	0.2
(3,1284)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	2	0.2	0.03	0.2
(3,1600)	1:11:A:ILE:HD11	1:14:A:VAL:H	2	0.2	0.02	0.2
(3,1600)	1:11:A:ILE:HD12	1:14:A:VAL:H	2	0.2	0.02	0.2
(3,1600)	1:11:A:ILE:HD13	1:14:A:VAL:H	2	0.2	0.02	0.2
(4,1549)	1:11:A:ILE:HD11	1:14:A:VAL:H	2	0.2	0.02	0.2
(4,1549)	1:11:A:ILE:HD12	1:14:A:VAL:H	2	0.2	0.02	0.2
(4,1549)	1:11:A:ILE:HD13	1:14:A:VAL:H	2	0.2	0.02	0.2
(6,948)	1:70:A:LYS:HB2	1:74:A:PRO:HA	2	0.2	0.0	0.2
(6,948)	1:70:A:LYS:HB3	1:74:A:PRO:HA	2	0.2	0.0	0.2
(6,1199)	1:41:A:LYS:H	1:41:A:LYS:HG3	2	0.2	0.02	0.2
(6,1853)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	2	0.2	0.03	0.2
(6,1853)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	2	0.2	0.03	0.2
(7,1182)	1:41:A:LYS:H	1:41:A:LYS:HG3	2	0.2	0.02	0.2
(7,1728)	1:66:A:THR:HG21	1:97:A:ASP:HA	2	0.2	0.02	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1728)	1:66:A:THR:HG22	1:97:A:ASP:HA	2	0.2	0.02	0.2
(7,1728)	1:66:A:THR:HG23	1:97:A:ASP:HA	2	0.2	0.02	0.2
(7,1819)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	2	0.2	0.03	0.2
(7,1819)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	2	0.2	0.03	0.2
(9,961)	1:70:A:LYS:HB2	1:74:A:PRO:HA	2	0.2	0.0	0.2
(9,961)	1:70:A:LYS:HB3	1:74:A:PRO:HA	2	0.2	0.0	0.2
(9,1840)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	2	0.2	0.03	0.2
(9,1840)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	2	0.2	0.03	0.2
(11,1216)	1:41:A:LYS:H	1:41:A:LYS:HG3	2	0.2	0.02	0.2
(11,1272)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	2	0.2	0.03	0.2
(11,1272)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	2	0.2	0.03	0.2
(11,1272)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	2	0.2	0.03	0.2
(11,1801)	1:66:A:THR:HG21	1:97:A:ASP:HA	2	0.2	0.02	0.2
(11,1801)	1:66:A:THR:HG22	1:97:A:ASP:HA	2	0.2	0.02	0.2
(11,1801)	1:66:A:THR:HG23	1:97:A:ASP:HA	2	0.2	0.02	0.2
(13,1178)	1:41:A:LYS:H	1:41:A:LYS:HG3	2	0.2	0.02	0.2
(15,1202)	1:41:A:LYS:H	1:41:A:LYS:HG3	2	0.2	0.02	0.2
(15,1752)	1:66:A:THR:HG21	1:97:A:ASP:HA	2	0.2	0.02	0.2
(15,1752)	1:66:A:THR:HG22	1:97:A:ASP:HA	2	0.2	0.02	0.2
(15,1752)	1:66:A:THR:HG23	1:97:A:ASP:HA	2	0.2	0.02	0.2
(15,1835)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	2	0.2	0.03	0.2
(15,1835)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	2	0.2	0.03	0.2
(15,1998)	1:18:A:PHE:HE1	1:57:A:LEU:HD11	2	0.2	0.06	0.2
(15,1998)	1:18:A:PHE:HE1	1:57:A:LEU:HD12	2	0.2	0.06	0.2
(15,1998)	1:18:A:PHE:HE1	1:57:A:LEU:HD13	2	0.2	0.06	0.2
(15,1998)	1:18:A:PHE:HE1	1:57:A:LEU:HD21	2	0.2	0.06	0.2
(15,1998)	1:18:A:PHE:HE1	1:57:A:LEU:HD22	2	0.2	0.06	0.2
(15,1998)	1:18:A:PHE:HE1	1:57:A:LEU:HD23	2	0.2	0.06	0.2
(15,1998)	1:18:A:PHE:HE2	1:57:A:LEU:HD11	2	0.2	0.06	0.2
(15,1998)	1:18:A:PHE:HE2	1:57:A:LEU:HD12	2	0.2	0.06	0.2
(15,1998)	1:18:A:PHE:HE2	1:57:A:LEU:HD13	2	0.2	0.06	0.2
(15,1998)	1:18:A:PHE:HE2	1:57:A:LEU:HD21	2	0.2	0.06	0.2
(15,1998)	1:18:A:PHE:HE2	1:57:A:LEU:HD22	2	0.2	0.06	0.2
(15,1998)	1:18:A:PHE:HE2	1:57:A:LEU:HD23	2	0.2	0.06	0.2
(16,1759)	1:66:A:THR:HG21	1:97:A:ASP:HA	2	0.2	0.02	0.2
(16,1759)	1:66:A:THR:HG22	1:97:A:ASP:HA	2	0.2	0.02	0.2
(16,1759)	1:66:A:THR:HG23	1:97:A:ASP:HA	2	0.2	0.02	0.2
(17,1212)	1:41:A:LYS:H	1:41:A:LYS:HG3	2	0.2	0.02	0.2
(17,1867)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	2	0.2	0.03	0.2
(17,1867)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	2	0.2	0.03	0.2
(18,1551)	1:11:A:ILE:HD11	1:14:A:VAL:H	2	0.2	0.02	0.2
(18,1551)	1:11:A:ILE:HD12	1:14:A:VAL:H	2	0.2	0.02	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,1551)	1:11:A:ILE:HD13	1:14:A:VAL:H	2	0.2	0.02	0.2
(29,1580)	1:11:A:ILE:HD11	1:14:A:VAL:H	2	0.2	0.02	0.2
(29,1580)	1:11:A:ILE:HD12	1:14:A:VAL:H	2	0.2	0.02	0.2
(29,1580)	1:11:A:ILE:HD13	1:14:A:VAL:H	2	0.2	0.02	0.2
(29,1871)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	2	0.2	0.03	0.2
(29,1871)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	2	0.2	0.03	0.2
(30,1768)	1:66:A:THR:HG21	1:97:A:ASP:HA	2	0.2	0.02	0.2
(30,1768)	1:66:A:THR:HG22	1:97:A:ASP:HA	2	0.2	0.02	0.2
(30,1768)	1:66:A:THR:HG23	1:97:A:ASP:HA	2	0.2	0.02	0.2
(32,1528)	1:11:A:ILE:HD11	1:14:A:VAL:H	2	0.2	0.02	0.2
(32,1528)	1:11:A:ILE:HD12	1:14:A:VAL:H	2	0.2	0.02	0.2
(32,1528)	1:11:A:ILE:HD13	1:14:A:VAL:H	2	0.2	0.02	0.2
(32,1727)	1:66:A:THR:HG21	1:97:A:ASP:HA	2	0.2	0.02	0.2
(32,1727)	1:66:A:THR:HG22	1:97:A:ASP:HA	2	0.2	0.02	0.2
(32,1727)	1:66:A:THR:HG23	1:97:A:ASP:HA	2	0.2	0.02	0.2
(32,1818)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	2	0.2	0.03	0.2
(32,1818)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	2	0.2	0.03	0.2
(33,1762)	1:66:A:THR:HG21	1:97:A:ASP:HA	2	0.2	0.02	0.2
(33,1762)	1:66:A:THR:HG22	1:97:A:ASP:HA	2	0.2	0.02	0.2
(33,1762)	1:66:A:THR:HG23	1:97:A:ASP:HA	2	0.2	0.02	0.2
(33,2403)	1:123:A:CYS:H	1:128:A:LEU:HD11	2	0.2	0.06	0.2
(33,2403)	1:123:A:CYS:H	1:128:A:LEU:HD12	2	0.2	0.06	0.2
(33,2403)	1:123:A:CYS:H	1:128:A:LEU:HD13	2	0.2	0.06	0.2
(33,2403)	1:123:A:CYS:H	1:128:A:LEU:HD21	2	0.2	0.06	0.2
(33,2403)	1:123:A:CYS:H	1:128:A:LEU:HD22	2	0.2	0.06	0.2
(33,2403)	1:123:A:CYS:H	1:128:A:LEU:HD23	2	0.2	0.06	0.2
(4,2177)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	2	0.2	0.09	0.2
(4,2177)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	2	0.2	0.09	0.2
(4,2177)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	2	0.2	0.09	0.2
(4,2177)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	2	0.2	0.09	0.2
(4,2177)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	2	0.2	0.09	0.2
(4,2177)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	2	0.2	0.09	0.2
(9,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	2	0.2	0.09	0.2
(9,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	2	0.2	0.09	0.2
(9,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	2	0.2	0.09	0.2
(9,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	2	0.2	0.09	0.2
(9,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	2	0.2	0.09	0.2
(9,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	2	0.2	0.09	0.2
(9,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	2	0.2	0.09	0.2
(9,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	2	0.2	0.09	0.2
(9,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	2	0.2	0.09	0.2
(9,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	2	0.2	0.09	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	2	0.2	0.09	0.2
(9,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	2	0.2	0.09	0.2
(9,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	2	0.2	0.09	0.2
(9,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	2	0.2	0.09	0.2
(9,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	2	0.2	0.09	0.2
(9,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	2	0.2	0.09	0.2
(9,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	2	0.2	0.09	0.2
(9,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	2	0.2	0.09	0.2
(11,1982)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	2	0.2	0.09	0.2
(11,1982)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	2	0.2	0.09	0.2
(11,1982)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	2	0.2	0.09	0.2
(11,1982)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	2	0.2	0.09	0.2
(11,1982)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	2	0.2	0.09	0.2
(11,1982)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	2	0.2	0.09	0.2
(11,1982)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	2	0.2	0.09	0.2
(11,1982)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	2	0.2	0.09	0.2
(11,1982)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	2	0.2	0.09	0.2
(11,1982)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	2	0.2	0.09	0.2
(11,1982)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	2	0.2	0.09	0.2
(11,1982)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	2	0.2	0.09	0.2
(11,1982)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	2	0.2	0.09	0.2
(11,1982)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	2	0.2	0.09	0.2
(11,1982)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	2	0.2	0.09	0.2
(11,1982)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	2	0.2	0.09	0.2
(11,1982)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	2	0.2	0.09	0.2
(11,1982)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	2	0.2	0.09	0.2
(13,2144)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	2	0.2	0.09	0.2
(13,2144)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	2	0.2	0.09	0.2
(13,2144)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	2	0.2	0.09	0.2
(13,2144)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	2	0.2	0.09	0.2
(13,2144)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	2	0.2	0.09	0.2
(13,2144)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	2	0.2	0.09	0.2
(15,1942)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	2	0.2	0.09	0.2
(15,1942)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	2	0.2	0.09	0.2
(15,1942)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	2	0.2	0.09	0.2
(15,1942)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	2	0.2	0.09	0.2
(15,1942)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	2	0.2	0.09	0.2
(15,1942)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	2	0.2	0.09	0.2
(15,1942)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	2	0.2	0.09	0.2
(15,1942)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	2	0.2	0.09	0.2
(15,1942)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	2	0.2	0.09	0.2
(15,1942)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	2	0.2	0.09	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,1942)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	2	0.2	0.09	0.2
(15,1942)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	2	0.2	0.09	0.2
(15,1942)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	2	0.2	0.09	0.2
(15,1942)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	2	0.2	0.09	0.2
(15,1942)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	2	0.2	0.09	0.2
(15,1942)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	2	0.2	0.09	0.2
(15,1942)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	2	0.2	0.09	0.2
(15,1942)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	2	0.2	0.09	0.2
(16,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	2	0.2	0.09	0.2
(16,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	2	0.2	0.09	0.2
(16,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	2	0.2	0.09	0.2
(16,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	2	0.2	0.09	0.2
(16,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	2	0.2	0.09	0.2
(16,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	2	0.2	0.09	0.2
(16,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	2	0.2	0.09	0.2
(16,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	2	0.2	0.09	0.2
(16,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	2	0.2	0.09	0.2
(16,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	2	0.2	0.09	0.2
(16,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	2	0.2	0.09	0.2
(16,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	2	0.2	0.09	0.2
(16,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	2	0.2	0.09	0.2
(16,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	2	0.2	0.09	0.2
(16,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	2	0.2	0.09	0.2
(16,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	2	0.2	0.09	0.2
(16,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	2	0.2	0.09	0.2
(16,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	2	0.2	0.09	0.2
(18,1960)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	2	0.2	0.09	0.2
(18,1960)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	2	0.2	0.09	0.2
(18,1960)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	2	0.2	0.09	0.2
(18,1960)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	2	0.2	0.09	0.2
(18,1960)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	2	0.2	0.09	0.2
(18,1960)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	2	0.2	0.09	0.2
(18,1960)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	2	0.2	0.09	0.2
(18,1960)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	2	0.2	0.09	0.2
(18,1960)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	2	0.2	0.09	0.2
(18,1960)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	2	0.2	0.09	0.2
(18,1960)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	2	0.2	0.09	0.2
(18,1960)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	2	0.2	0.09	0.2
(18,1960)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	2	0.2	0.09	0.2
(18,1960)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	2	0.2	0.09	0.2
(18,1960)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	2	0.2	0.09	0.2
(18,1960)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	2	0.2	0.09	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,1960)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	2	0.2	0.09	0.2
(18,1960)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	2	0.2	0.09	0.2
(30,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	2	0.2	0.09	0.2
(30,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	2	0.2	0.09	0.2
(30,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	2	0.2	0.09	0.2
(30,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	2	0.2	0.09	0.2
(30,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	2	0.2	0.09	0.2
(30,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	2	0.2	0.09	0.2
(30,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	2	0.2	0.09	0.2
(30,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	2	0.2	0.09	0.2
(30,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	2	0.2	0.09	0.2
(30,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	2	0.2	0.09	0.2
(30,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	2	0.2	0.09	0.2
(30,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	2	0.2	0.09	0.2
(30,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	2	0.2	0.09	0.2
(30,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	2	0.2	0.09	0.2
(30,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	2	0.2	0.09	0.2
(30,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	2	0.2	0.09	0.2
(30,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	2	0.2	0.09	0.2
(30,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	2	0.2	0.09	0.2
(33,2110)	1:39:A:VAL:HA	1:139:A:LEU:HD11	2	0.2	0.09	0.2
(33,2110)	1:39:A:VAL:HA	1:139:A:LEU:HD12	2	0.2	0.09	0.2
(33,2110)	1:39:A:VAL:HA	1:139:A:LEU:HD13	2	0.2	0.09	0.2
(33,2110)	1:39:A:VAL:HA	1:139:A:LEU:HD21	2	0.2	0.09	0.2
(33,2110)	1:39:A:VAL:HA	1:139:A:LEU:HD22	2	0.2	0.09	0.2
(33,2110)	1:39:A:VAL:HA	1:139:A:LEU:HD23	2	0.2	0.09	0.2
(34,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	2	0.2	0.09	0.2
(34,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	2	0.2	0.09	0.2
(34,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	2	0.2	0.09	0.2
(34,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	2	0.2	0.09	0.2
(34,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	2	0.2	0.09	0.2
(34,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	2	0.2	0.09	0.2
(34,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	2	0.2	0.09	0.2
(34,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	2	0.2	0.09	0.2
(34,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	2	0.2	0.09	0.2
(34,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	2	0.2	0.09	0.2
(34,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	2	0.2	0.09	0.2
(34,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	2	0.2	0.09	0.2
(34,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	2	0.2	0.09	0.2
(34,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	2	0.2	0.09	0.2
(34,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	2	0.2	0.09	0.2
(34,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	2	0.2	0.09	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	2	0.2	0.09	0.2
(34,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	2	0.2	0.09	0.2
(1,373)	1:132:A:ALA:H	1:133:A:ASN:HD22	2	0.2	0.03	0.2
(2,603)	1:55:A:GLY:H	1:58:A:ILE:HD11	2	0.2	0.03	0.2
(2,603)	1:55:A:GLY:H	1:58:A:ILE:HD12	2	0.2	0.03	0.2
(2,603)	1:55:A:GLY:H	1:58:A:ILE:HD13	2	0.2	0.03	0.2
(2,1265)	1:113:A:PHE:HD1	1:117:A:VAL:HG21	2	0.2	0.0	0.2
(2,1265)	1:113:A:PHE:HD1	1:117:A:VAL:HG22	2	0.2	0.0	0.2
(2,1265)	1:113:A:PHE:HD1	1:117:A:VAL:HG23	2	0.2	0.0	0.2
(2,1265)	1:113:A:PHE:HD2	1:117:A:VAL:HG21	2	0.2	0.0	0.2
(2,1265)	1:113:A:PHE:HD2	1:117:A:VAL:HG22	2	0.2	0.0	0.2
(2,1265)	1:113:A:PHE:HD2	1:117:A:VAL:HG23	2	0.2	0.0	0.2
(3,371)	1:132:A:ALA:H	1:133:A:ASN:HD22	2	0.2	0.03	0.2
(3,608)	1:55:A:GLY:H	1:58:A:ILE:HD11	2	0.2	0.03	0.2
(3,608)	1:55:A:GLY:H	1:58:A:ILE:HD12	2	0.2	0.03	0.2
(3,608)	1:55:A:GLY:H	1:58:A:ILE:HD13	2	0.2	0.03	0.2
(4,358)	1:132:A:ALA:H	1:133:A:ASN:HD22	2	0.2	0.03	0.2
(4,586)	1:27:A:ARG:HB2	1:28:A:GLY:H	2	0.2	0.06	0.2
(4,596)	1:55:A:GLY:H	1:58:A:ILE:HD11	2	0.2	0.03	0.2
(4,596)	1:55:A:GLY:H	1:58:A:ILE:HD12	2	0.2	0.03	0.2
(4,596)	1:55:A:GLY:H	1:58:A:ILE:HD13	2	0.2	0.03	0.2
(5,362)	1:132:A:ALA:H	1:133:A:ASN:HD22	2	0.2	0.03	0.2
(6,366)	1:132:A:ALA:H	1:133:A:ASN:HD22	2	0.2	0.03	0.2
(7,602)	1:55:A:GLY:H	1:58:A:ILE:HD11	2	0.2	0.03	0.2
(7,602)	1:55:A:GLY:H	1:58:A:ILE:HD12	2	0.2	0.03	0.2
(7,602)	1:55:A:GLY:H	1:58:A:ILE:HD13	2	0.2	0.03	0.2
(7,1224)	1:40:A:LEU:HA	1:40:A:LEU:HD11	2	0.2	0.02	0.2
(7,1224)	1:40:A:LEU:HA	1:40:A:LEU:HD12	2	0.2	0.02	0.2
(7,1224)	1:40:A:LEU:HA	1:40:A:LEU:HD13	2	0.2	0.02	0.2
(7,2461)	1:143:A:TRP:H	1:144:A:LEU:HD11	2	0.2	0.02	0.2
(7,2461)	1:143:A:TRP:H	1:144:A:LEU:HD12	2	0.2	0.02	0.2
(7,2461)	1:143:A:TRP:H	1:144:A:LEU:HD13	2	0.2	0.02	0.2
(7,2461)	1:143:A:TRP:H	1:144:A:LEU:HD21	2	0.2	0.02	0.2
(7,2461)	1:143:A:TRP:H	1:144:A:LEU:HD22	2	0.2	0.02	0.2
(7,2461)	1:143:A:TRP:H	1:144:A:LEU:HD23	2	0.2	0.02	0.2
(11,1288)	1:113:A:PHE:HD1	1:117:A:VAL:HG21	2	0.2	0.0	0.2
(11,1288)	1:113:A:PHE:HD1	1:117:A:VAL:HG22	2	0.2	0.0	0.2
(11,1288)	1:113:A:PHE:HD1	1:117:A:VAL:HG23	2	0.2	0.0	0.2
(11,1288)	1:113:A:PHE:HD2	1:117:A:VAL:HG21	2	0.2	0.0	0.2
(11,1288)	1:113:A:PHE:HD2	1:117:A:VAL:HG22	2	0.2	0.0	0.2
(11,1288)	1:113:A:PHE:HD2	1:117:A:VAL:HG23	2	0.2	0.0	0.2
(13,596)	1:55:A:GLY:H	1:58:A:ILE:HD11	2	0.2	0.03	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,596)	1:55:A:GLY:H	1:58:A:ILE:HD12	2	0.2	0.03	0.2
(13,596)	1:55:A:GLY:H	1:58:A:ILE:HD13	2	0.2	0.03	0.2
(15,373)	1:132:A:ALA:H	1:133:A:ASN:HD22	2	0.2	0.03	0.2
(15,609)	1:55:A:GLY:H	1:58:A:ILE:HD11	2	0.2	0.03	0.2
(15,609)	1:55:A:GLY:H	1:58:A:ILE:HD12	2	0.2	0.03	0.2
(15,609)	1:55:A:GLY:H	1:58:A:ILE:HD13	2	0.2	0.03	0.2
(16,1942)	1:11:A:ILE:HA	1:14:A:VAL:HG11	2	0.2	0.04	0.2
(16,1942)	1:11:A:ILE:HA	1:14:A:VAL:HG12	2	0.2	0.04	0.2
(16,1942)	1:11:A:ILE:HA	1:14:A:VAL:HG13	2	0.2	0.04	0.2
(16,1942)	1:11:A:ILE:HA	1:14:A:VAL:HG21	2	0.2	0.04	0.2
(16,1942)	1:11:A:ILE:HA	1:14:A:VAL:HG22	2	0.2	0.04	0.2
(16,1942)	1:11:A:ILE:HA	1:14:A:VAL:HG23	2	0.2	0.04	0.2
(17,601)	1:55:A:GLY:H	1:58:A:ILE:HD11	2	0.2	0.03	0.2
(17,601)	1:55:A:GLY:H	1:58:A:ILE:HD12	2	0.2	0.03	0.2
(17,601)	1:55:A:GLY:H	1:58:A:ILE:HD13	2	0.2	0.03	0.2
(17,2254)	1:70:A:LYS:H	1:70:A:LYS:HD2	2	0.2	0.06	0.2
(17,2254)	1:70:A:LYS:H	1:70:A:LYS:HD3	2	0.2	0.06	0.2
(17,2381)	1:117:A:VAL:HG11	1:120:A:CYS:HB2	2	0.2	0.03	0.2
(17,2381)	1:117:A:VAL:HG12	1:120:A:CYS:HB2	2	0.2	0.03	0.2
(17,2381)	1:117:A:VAL:HG13	1:120:A:CYS:HB2	2	0.2	0.03	0.2
(17,2381)	1:117:A:VAL:HG21	1:120:A:CYS:HB2	2	0.2	0.03	0.2
(17,2381)	1:117:A:VAL:HG22	1:120:A:CYS:HB2	2	0.2	0.03	0.2
(17,2381)	1:117:A:VAL:HG23	1:120:A:CYS:HB2	2	0.2	0.03	0.2
(18,378)	1:132:A:ALA:H	1:133:A:ASN:HD22	2	0.2	0.03	0.2
(29,369)	1:132:A:ALA:H	1:133:A:ASN:HD22	2	0.2	0.03	0.2
(30,372)	1:132:A:ALA:H	1:133:A:ASN:HD22	2	0.2	0.03	0.2
(30,592)	1:27:A:ARG:HB2	1:28:A:GLY:H	2	0.2	0.06	0.2
(30,1263)	1:113:A:PHE:HD1	1:117:A:VAL:HG21	2	0.2	0.0	0.2
(30,1263)	1:113:A:PHE:HD1	1:117:A:VAL:HG22	2	0.2	0.0	0.2
(30,1263)	1:113:A:PHE:HD1	1:117:A:VAL:HG23	2	0.2	0.0	0.2
(30,1263)	1:113:A:PHE:HD2	1:117:A:VAL:HG21	2	0.2	0.0	0.2
(30,1263)	1:113:A:PHE:HD2	1:117:A:VAL:HG22	2	0.2	0.0	0.2
(30,1263)	1:113:A:PHE:HD2	1:117:A:VAL:HG23	2	0.2	0.0	0.2
(30,1771)	1:63:A:ILE:HG21	1:116:A:GLN:HG2	2	0.2	0.07	0.2
(30,1771)	1:63:A:ILE:HG22	1:116:A:GLN:HG2	2	0.2	0.07	0.2
(30,1771)	1:63:A:ILE:HG23	1:116:A:GLN:HG2	2	0.2	0.07	0.2
(30,2001)	1:15:A:ALA:H	1:131:A:LEU:HD11	2	0.2	0.02	0.2
(30,2001)	1:15:A:ALA:H	1:131:A:LEU:HD12	2	0.2	0.02	0.2
(30,2001)	1:15:A:ALA:H	1:131:A:LEU:HD13	2	0.2	0.02	0.2
(30,2001)	1:15:A:ALA:H	1:131:A:LEU:HD21	2	0.2	0.02	0.2
(30,2001)	1:15:A:ALA:H	1:131:A:LEU:HD22	2	0.2	0.02	0.2
(30,2001)	1:15:A:ALA:H	1:131:A:LEU:HD23	2	0.2	0.02	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,360)	1:132:A:ALA:H	1:133:A:ASN:HD22	2	0.2	0.03	0.2
(32,2250)	1:70:A:LYS:H	1:70:A:LYS:HD2	2	0.2	0.06	0.2
(32,2250)	1:70:A:LYS:H	1:70:A:LYS:HD3	2	0.2	0.06	0.2
(33,603)	1:55:A:GLY:H	1:58:A:ILE:HD11	2	0.2	0.03	0.2
(33,603)	1:55:A:GLY:H	1:58:A:ILE:HD12	2	0.2	0.03	0.2
(33,603)	1:55:A:GLY:H	1:58:A:ILE:HD13	2	0.2	0.03	0.2
(1,135)	1:46:A:ASN:HB3	1:49:A:LYS:H	2	0.2	0.09	0.2
(4,1637)	1:69:A:MET:H	1:69:A:MET:HE1	2	0.2	0.09	0.2
(4,1637)	1:69:A:MET:H	1:69:A:MET:HE2	2	0.2	0.09	0.2
(4,1637)	1:69:A:MET:H	1:69:A:MET:HE3	2	0.2	0.09	0.2
(5,1678)	1:69:A:MET:H	1:69:A:MET:HE1	2	0.2	0.09	0.2
(5,1678)	1:69:A:MET:H	1:69:A:MET:HE2	2	0.2	0.09	0.2
(5,1678)	1:69:A:MET:H	1:69:A:MET:HE3	2	0.2	0.09	0.2
(6,125)	1:46:A:ASN:HB3	1:49:A:LYS:H	2	0.2	0.09	0.2
(7,1360)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	2	0.2	0.09	0.2
(7,1360)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	2	0.2	0.09	0.2
(7,1360)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	2	0.2	0.09	0.2
(7,1360)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	2	0.2	0.09	0.2
(7,1360)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	2	0.2	0.09	0.2
(7,1360)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	2	0.2	0.09	0.2
(7,1630)	1:69:A:MET:H	1:69:A:MET:HE1	2	0.2	0.09	0.2
(7,1630)	1:69:A:MET:H	1:69:A:MET:HE2	2	0.2	0.09	0.2
(7,1630)	1:69:A:MET:H	1:69:A:MET:HE3	2	0.2	0.09	0.2
(9,125)	1:46:A:ASN:HB3	1:49:A:LYS:H	2	0.2	0.09	0.2
(11,1693)	1:69:A:MET:H	1:69:A:MET:HE1	2	0.2	0.09	0.2
(11,1693)	1:69:A:MET:H	1:69:A:MET:HE2	2	0.2	0.09	0.2
(11,1693)	1:69:A:MET:H	1:69:A:MET:HE3	2	0.2	0.09	0.2
(13,1627)	1:69:A:MET:H	1:69:A:MET:HE1	2	0.2	0.09	0.2
(13,1627)	1:69:A:MET:H	1:69:A:MET:HE2	2	0.2	0.09	0.2
(13,1627)	1:69:A:MET:H	1:69:A:MET:HE3	2	0.2	0.09	0.2
(15,133)	1:46:A:ASN:HB3	1:49:A:LYS:H	2	0.2	0.09	0.2
(16,127)	1:46:A:ASN:HB3	1:49:A:LYS:H	2	0.2	0.09	0.2
(17,126)	1:46:A:ASN:HB3	1:49:A:LYS:H	2	0.2	0.09	0.2
(29,131)	1:46:A:ASN:HB3	1:49:A:LYS:H	2	0.2	0.09	0.2
(30,1664)	1:69:A:MET:H	1:69:A:MET:HE1	2	0.2	0.09	0.2
(30,1664)	1:69:A:MET:H	1:69:A:MET:HE2	2	0.2	0.09	0.2
(30,1664)	1:69:A:MET:H	1:69:A:MET:HE3	2	0.2	0.09	0.2
(32,1617)	1:69:A:MET:H	1:69:A:MET:HE1	2	0.2	0.09	0.2
(32,1617)	1:69:A:MET:H	1:69:A:MET:HE2	2	0.2	0.09	0.2
(32,1617)	1:69:A:MET:H	1:69:A:MET:HE3	2	0.2	0.09	0.2
(34,1671)	1:69:A:MET:H	1:69:A:MET:HE1	2	0.2	0.09	0.2
(34,1671)	1:69:A:MET:H	1:69:A:MET:HE2	2	0.2	0.09	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,1671)	1:69:A:MET:H	1:69:A:MET:HE3	2	0.2	0.09	0.2
(1,794)	1:101:A:ILE:HD11	1:116:A:GLN:HA	2	0.2	0.06	0.2
(1,794)	1:101:A:ILE:HD12	1:116:A:GLN:HA	2	0.2	0.06	0.2
(1,794)	1:101:A:ILE:HD13	1:116:A:GLN:HA	2	0.2	0.06	0.2
(1,1015)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	2	0.2	0.02	0.2
(1,1015)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	2	0.2	0.02	0.2
(1,1015)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	2	0.2	0.02	0.2
(2,123)	1:80:A:TYR:H	1:80:A:TYR:HB3	2	0.2	0.01	0.2
(2,123)	1:80:A:TYR:H	1:80:A:TYR:HB2	2	0.2	0.01	0.2
(2,772)	1:101:A:ILE:HD11	1:116:A:GLN:HA	2	0.2	0.06	0.2
(2,772)	1:101:A:ILE:HD12	1:116:A:GLN:HA	2	0.2	0.06	0.2
(2,772)	1:101:A:ILE:HD13	1:116:A:GLN:HA	2	0.2	0.06	0.2
(4,768)	1:101:A:ILE:HD11	1:116:A:GLN:HA	2	0.2	0.06	0.2
(4,768)	1:101:A:ILE:HD12	1:116:A:GLN:HA	2	0.2	0.06	0.2
(4,768)	1:101:A:ILE:HD13	1:116:A:GLN:HA	2	0.2	0.06	0.2
(5,120)	1:80:A:TYR:H	1:80:A:TYR:HB3	2	0.2	0.01	0.2
(5,120)	1:80:A:TYR:H	1:80:A:TYR:HB2	2	0.2	0.01	0.2
(5,776)	1:101:A:ILE:HD11	1:116:A:GLN:HA	2	0.2	0.06	0.2
(5,776)	1:101:A:ILE:HD12	1:116:A:GLN:HA	2	0.2	0.06	0.2
(5,776)	1:101:A:ILE:HD13	1:116:A:GLN:HA	2	0.2	0.06	0.2
(6,123)	1:80:A:TYR:H	1:80:A:TYR:HB3	2	0.2	0.01	0.2
(6,123)	1:80:A:TYR:H	1:80:A:TYR:HB2	2	0.2	0.01	0.2
(6,770)	1:101:A:ILE:HD11	1:116:A:GLN:HA	2	0.2	0.06	0.2
(6,770)	1:101:A:ILE:HD12	1:116:A:GLN:HA	2	0.2	0.06	0.2
(6,770)	1:101:A:ILE:HD13	1:116:A:GLN:HA	2	0.2	0.06	0.2
(7,124)	1:80:A:TYR:H	1:80:A:TYR:HB3	2	0.2	0.01	0.2
(7,124)	1:80:A:TYR:H	1:80:A:TYR:HB2	2	0.2	0.01	0.2
(7,768)	1:101:A:ILE:HD11	1:116:A:GLN:HA	2	0.2	0.06	0.2
(7,768)	1:101:A:ILE:HD12	1:116:A:GLN:HA	2	0.2	0.06	0.2
(7,768)	1:101:A:ILE:HD13	1:116:A:GLN:HA	2	0.2	0.06	0.2
(7,2078)	1:39:A:VAL:HA	1:140:A:LEU:HD11	2	0.2	0.01	0.2
(7,2078)	1:39:A:VAL:HA	1:140:A:LEU:HD12	2	0.2	0.01	0.2
(7,2078)	1:39:A:VAL:HA	1:140:A:LEU:HD13	2	0.2	0.01	0.2
(7,2078)	1:39:A:VAL:HA	1:140:A:LEU:HD21	2	0.2	0.01	0.2
(7,2078)	1:39:A:VAL:HA	1:140:A:LEU:HD22	2	0.2	0.01	0.2
(7,2078)	1:39:A:VAL:HA	1:140:A:LEU:HD23	2	0.2	0.01	0.2
(9,775)	1:101:A:ILE:HD11	1:116:A:GLN:HA	2	0.2	0.06	0.2
(9,775)	1:101:A:ILE:HD12	1:116:A:GLN:HA	2	0.2	0.06	0.2
(9,775)	1:101:A:ILE:HD13	1:116:A:GLN:HA	2	0.2	0.06	0.2
(11,775)	1:101:A:ILE:HD11	1:116:A:GLN:HA	2	0.2	0.06	0.2
(11,775)	1:101:A:ILE:HD12	1:116:A:GLN:HA	2	0.2	0.06	0.2
(11,775)	1:101:A:ILE:HD13	1:116:A:GLN:HA	2	0.2	0.06	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,123)	1:80:A:TYR:H	1:80:A:TYR:HB3	2	0.2	0.01	0.2
(13,123)	1:80:A:TYR:H	1:80:A:TYR:HB2	2	0.2	0.01	0.2
(13,763)	1:101:A:ILE:HD11	1:116:A:GLN:HA	2	0.2	0.06	0.2
(13,763)	1:101:A:ILE:HD12	1:116:A:GLN:HA	2	0.2	0.06	0.2
(13,763)	1:101:A:ILE:HD13	1:116:A:GLN:HA	2	0.2	0.06	0.2
(15,131)	1:80:A:TYR:H	1:80:A:TYR:HB3	2	0.2	0.01	0.2
(15,131)	1:80:A:TYR:H	1:80:A:TYR:HB2	2	0.2	0.01	0.2
(15,784)	1:101:A:ILE:HD11	1:116:A:GLN:HA	2	0.2	0.06	0.2
(15,784)	1:101:A:ILE:HD12	1:116:A:GLN:HA	2	0.2	0.06	0.2
(15,784)	1:101:A:ILE:HD13	1:116:A:GLN:HA	2	0.2	0.06	0.2
(16,785)	1:101:A:ILE:HD11	1:116:A:GLN:HA	2	0.2	0.06	0.2
(16,785)	1:101:A:ILE:HD12	1:116:A:GLN:HA	2	0.2	0.06	0.2
(16,785)	1:101:A:ILE:HD13	1:116:A:GLN:HA	2	0.2	0.06	0.2
(16,1910)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	2	0.2	0.02	0.2
(16,1910)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	2	0.2	0.02	0.2
(16,1910)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	2	0.2	0.02	0.2
(16,1910)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	2	0.2	0.02	0.2
(16,1910)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	2	0.2	0.02	0.2
(16,1910)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	2	0.2	0.02	0.2
(17,786)	1:101:A:ILE:HD11	1:116:A:GLN:HA	2	0.2	0.06	0.2
(17,786)	1:101:A:ILE:HD12	1:116:A:GLN:HA	2	0.2	0.06	0.2
(17,786)	1:101:A:ILE:HD13	1:116:A:GLN:HA	2	0.2	0.06	0.2
(18,1043)	1:41:A:LYS:HA	1:44:A:GLU:HB2	2	0.2	0.02	0.2
(18,1043)	1:41:A:LYS:HA	1:44:A:GLU:HB3	2	0.2	0.02	0.2
(18,1210)	1:41:A:LYS:H	1:41:A:LYS:HG3	2	0.2	0.02	0.2
(18,1432)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	2	0.2	0.04	0.2
(18,1432)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	2	0.2	0.04	0.2
(18,1432)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	2	0.2	0.04	0.2
(18,1914)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	2	0.2	0.02	0.2
(18,1914)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	2	0.2	0.02	0.2
(18,1914)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	2	0.2	0.02	0.2
(18,1914)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	2	0.2	0.02	0.2
(18,1914)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	2	0.2	0.02	0.2
(18,1914)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	2	0.2	0.02	0.2
(29,793)	1:101:A:ILE:HD11	1:116:A:GLN:HA	2	0.2	0.06	0.2
(29,793)	1:101:A:ILE:HD12	1:116:A:GLN:HA	2	0.2	0.06	0.2
(29,793)	1:101:A:ILE:HD13	1:116:A:GLN:HA	2	0.2	0.06	0.2
(30,126)	1:80:A:TYR:H	1:80:A:TYR:HB3	2	0.2	0.01	0.2
(30,126)	1:80:A:TYR:H	1:80:A:TYR:HB2	2	0.2	0.01	0.2
(30,772)	1:101:A:ILE:HD11	1:116:A:GLN:HA	2	0.2	0.06	0.2
(30,772)	1:101:A:ILE:HD12	1:116:A:GLN:HA	2	0.2	0.06	0.2
(30,772)	1:101:A:ILE:HD13	1:116:A:GLN:HA	2	0.2	0.06	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,953)	1:70:A:LYS:HB2	1:74:A:PRO:HA	2	0.2	0.01	0.2
(30,953)	1:70:A:LYS:HB3	1:74:A:PRO:HA	2	0.2	0.01	0.2
(30,1460)	1:15:A:ALA:HB1	1:18:A:PHE:HB2	2	0.2	0.02	0.2
(30,1460)	1:15:A:ALA:HB2	1:18:A:PHE:HB2	2	0.2	0.02	0.2
(30,1460)	1:15:A:ALA:HB3	1:18:A:PHE:HB2	2	0.2	0.02	0.2
(30,1927)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	2	0.2	0.02	0.2
(30,1927)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	2	0.2	0.02	0.2
(30,1927)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	2	0.2	0.02	0.2
(30,1927)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	2	0.2	0.02	0.2
(30,1927)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	2	0.2	0.02	0.2
(30,1927)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	2	0.2	0.02	0.2
(32,122)	1:80:A:TYR:H	1:80:A:TYR:HB3	2	0.2	0.01	0.2
(32,122)	1:80:A:TYR:H	1:80:A:TYR:HB2	2	0.2	0.01	0.2
(32,758)	1:101:A:ILE:HD11	1:116:A:GLN:HA	2	0.2	0.06	0.2
(32,758)	1:101:A:ILE:HD12	1:116:A:GLN:HA	2	0.2	0.06	0.2
(32,758)	1:101:A:ILE:HD13	1:116:A:GLN:HA	2	0.2	0.06	0.2
(32,996)	1:41:A:LYS:HA	1:44:A:GLU:HB2	2	0.2	0.02	0.2
(32,996)	1:41:A:LYS:HA	1:44:A:GLU:HB3	2	0.2	0.02	0.2
(32,1165)	1:41:A:LYS:H	1:41:A:LYS:HG3	2	0.2	0.02	0.2
(33,122)	1:80:A:TYR:H	1:80:A:TYR:HB3	2	0.2	0.01	0.2
(33,122)	1:80:A:TYR:H	1:80:A:TYR:HB2	2	0.2	0.01	0.2
(33,778)	1:101:A:ILE:HD11	1:116:A:GLN:HA	2	0.2	0.06	0.2
(33,778)	1:101:A:ILE:HD12	1:116:A:GLN:HA	2	0.2	0.06	0.2
(33,778)	1:101:A:ILE:HD13	1:116:A:GLN:HA	2	0.2	0.06	0.2
(33,1210)	1:41:A:LYS:H	1:41:A:LYS:HG3	2	0.2	0.02	0.2
(34,784)	1:101:A:ILE:HD11	1:116:A:GLN:HA	2	0.2	0.06	0.2
(34,784)	1:101:A:ILE:HD12	1:116:A:GLN:HA	2	0.2	0.06	0.2
(34,784)	1:101:A:ILE:HD13	1:116:A:GLN:HA	2	0.2	0.06	0.2
(34,1055)	1:41:A:LYS:HA	1:44:A:GLU:HB2	2	0.2	0.02	0.2
(34,1055)	1:41:A:LYS:HA	1:44:A:GLU:HB3	2	0.2	0.02	0.2
(34,1933)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	2	0.2	0.02	0.2
(34,1933)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	2	0.2	0.02	0.2
(34,1933)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	2	0.2	0.02	0.2
(34,1933)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	2	0.2	0.02	0.2
(34,1933)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	2	0.2	0.02	0.2
(34,1933)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	2	0.2	0.02	0.2
(1,1364)	1:39:A:VAL:HG11	1:41:A:LYS:H	2	0.19	0.01	0.19
(1,1364)	1:39:A:VAL:HG12	1:41:A:LYS:H	2	0.19	0.01	0.19
(1,1364)	1:39:A:VAL:HG13	1:41:A:LYS:H	2	0.19	0.01	0.19
(2,2478)	1:150:A:THR:H	1:151:A:PHE:HB2	2	0.19	0.05	0.19
(2,2478)	1:150:A:THR:H	1:151:A:PHE:HB3	2	0.19	0.05	0.19
(3,826)	1:98:A:ILE:HD11	1:101:A:ILE:H	2	0.19	0.03	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,826)	1:98:A:ILE:HD12	1:101:A:ILE:H	2	0.19	0.03	0.19
(3,826)	1:98:A:ILE:HD13	1:101:A:ILE:H	2	0.19	0.03	0.19
(3,1283)	1:40:A:LEU:HB2	1:40:A:LEU:HD21	2	0.19	0.0	0.19
(3,1283)	1:40:A:LEU:HB2	1:40:A:LEU:HD22	2	0.19	0.0	0.19
(3,1283)	1:40:A:LEU:HB2	1:40:A:LEU:HD23	2	0.19	0.0	0.19
(3,2513)	1:150:A:THR:H	1:151:A:PHE:HB2	2	0.19	0.05	0.19
(3,2513)	1:150:A:THR:H	1:151:A:PHE:HB3	2	0.19	0.05	0.19
(4,2477)	1:150:A:THR:H	1:151:A:PHE:HB2	2	0.19	0.05	0.19
(4,2477)	1:150:A:THR:H	1:151:A:PHE:HB3	2	0.19	0.05	0.19
(5,1380)	1:39:A:VAL:HG11	1:41:A:LYS:H	2	0.19	0.01	0.19
(5,1380)	1:39:A:VAL:HG12	1:41:A:LYS:H	2	0.19	0.01	0.19
(5,1380)	1:39:A:VAL:HG13	1:41:A:LYS:H	2	0.19	0.01	0.19
(5,2332)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	2	0.19	0.02	0.19
(5,2332)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	2	0.19	0.02	0.19
(5,2332)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	2	0.19	0.02	0.19
(5,2332)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	2	0.19	0.02	0.19
(5,2332)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	2	0.19	0.02	0.19
(5,2332)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	2	0.19	0.02	0.19
(6,1359)	1:39:A:VAL:HG11	1:41:A:LYS:H	2	0.19	0.01	0.19
(6,1359)	1:39:A:VAL:HG12	1:41:A:LYS:H	2	0.19	0.01	0.19
(6,1359)	1:39:A:VAL:HG13	1:41:A:LYS:H	2	0.19	0.01	0.19
(7,368)	1:132:A:ALA:H	1:133:A:ASN:HD22	2	0.19	0.03	0.19
(7,1347)	1:39:A:VAL:HG11	1:41:A:LYS:H	2	0.19	0.01	0.19
(7,1347)	1:39:A:VAL:HG12	1:41:A:LYS:H	2	0.19	0.01	0.19
(7,1347)	1:39:A:VAL:HG13	1:41:A:LYS:H	2	0.19	0.01	0.19
(9,1358)	1:39:A:VAL:HG11	1:41:A:LYS:H	2	0.19	0.01	0.19
(9,1358)	1:39:A:VAL:HG12	1:41:A:LYS:H	2	0.19	0.01	0.19
(9,1358)	1:39:A:VAL:HG13	1:41:A:LYS:H	2	0.19	0.01	0.19
(11,373)	1:132:A:ALA:H	1:133:A:ASN:HD22	2	0.19	0.03	0.19
(13,366)	1:132:A:ALA:H	1:133:A:ASN:HD22	2	0.19	0.03	0.19
(13,1335)	1:39:A:VAL:HG11	1:41:A:LYS:H	2	0.19	0.01	0.19
(13,1335)	1:39:A:VAL:HG12	1:41:A:LYS:H	2	0.19	0.01	0.19
(13,1335)	1:39:A:VAL:HG13	1:41:A:LYS:H	2	0.19	0.01	0.19
(13,1753)	1:13:A:ALA:HA	1:80:A:TYR:HD1	2	0.19	0.07	0.19
(13,1753)	1:13:A:ALA:HA	1:80:A:TYR:HD2	2	0.19	0.07	0.19
(13,2471)	1:150:A:THR:H	1:151:A:PHE:HB2	2	0.19	0.05	0.19
(13,2471)	1:150:A:THR:H	1:151:A:PHE:HB3	2	0.19	0.05	0.19
(15,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG21	2	0.19	0.01	0.19
(15,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG22	2	0.19	0.01	0.19
(15,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG23	2	0.19	0.01	0.19
(15,2505)	1:150:A:THR:H	1:151:A:PHE:HB2	2	0.19	0.05	0.19
(15,2505)	1:150:A:THR:H	1:151:A:PHE:HB3	2	0.19	0.05	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,821)	1:98:A:ILE:HD11	1:101:A:ILE:H	2	0.19	0.03	0.19
(16,821)	1:98:A:ILE:HD12	1:101:A:ILE:H	2	0.19	0.03	0.19
(16,821)	1:98:A:ILE:HD13	1:101:A:ILE:H	2	0.19	0.03	0.19
(16,1366)	1:39:A:VAL:HG11	1:41:A:LYS:H	2	0.19	0.01	0.19
(16,1366)	1:39:A:VAL:HG12	1:41:A:LYS:H	2	0.19	0.01	0.19
(16,1366)	1:39:A:VAL:HG13	1:41:A:LYS:H	2	0.19	0.01	0.19
(16,2494)	1:150:A:THR:H	1:151:A:PHE:HB2	2	0.19	0.05	0.19
(16,2494)	1:150:A:THR:H	1:151:A:PHE:HB3	2	0.19	0.05	0.19
(17,822)	1:98:A:ILE:HD11	1:101:A:ILE:H	2	0.19	0.03	0.19
(17,822)	1:98:A:ILE:HD12	1:101:A:ILE:H	2	0.19	0.03	0.19
(17,822)	1:98:A:ILE:HD13	1:101:A:ILE:H	2	0.19	0.03	0.19
(17,1378)	1:39:A:VAL:HG11	1:41:A:LYS:H	2	0.19	0.01	0.19
(17,1378)	1:39:A:VAL:HG12	1:41:A:LYS:H	2	0.19	0.01	0.19
(17,1378)	1:39:A:VAL:HG13	1:41:A:LYS:H	2	0.19	0.01	0.19
(17,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG21	2	0.19	0.01	0.19
(17,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG22	2	0.19	0.01	0.19
(17,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG23	2	0.19	0.01	0.19
(17,2489)	1:150:A:THR:H	1:151:A:PHE:HB2	2	0.19	0.05	0.19
(17,2489)	1:150:A:THR:H	1:151:A:PHE:HB3	2	0.19	0.05	0.19
(18,825)	1:98:A:ILE:HD11	1:101:A:ILE:H	2	0.19	0.03	0.19
(18,825)	1:98:A:ILE:HD12	1:101:A:ILE:H	2	0.19	0.03	0.19
(18,825)	1:98:A:ILE:HD13	1:101:A:ILE:H	2	0.19	0.03	0.19
(18,1357)	1:39:A:VAL:HG11	1:41:A:LYS:H	2	0.19	0.01	0.19
(18,1357)	1:39:A:VAL:HG12	1:41:A:LYS:H	2	0.19	0.01	0.19
(18,1357)	1:39:A:VAL:HG13	1:41:A:LYS:H	2	0.19	0.01	0.19
(18,2324)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	2	0.19	0.02	0.19
(18,2324)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	2	0.19	0.02	0.19
(18,2324)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	2	0.19	0.02	0.19
(18,2324)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	2	0.19	0.02	0.19
(18,2324)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	2	0.19	0.02	0.19
(18,2324)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	2	0.19	0.02	0.19
(18,2472)	1:150:A:THR:H	1:151:A:PHE:HB2	2	0.19	0.05	0.19
(18,2472)	1:150:A:THR:H	1:151:A:PHE:HB3	2	0.19	0.05	0.19
(29,1368)	1:39:A:VAL:HG11	1:41:A:LYS:H	2	0.19	0.01	0.19
(29,1368)	1:39:A:VAL:HG12	1:41:A:LYS:H	2	0.19	0.01	0.19
(29,1368)	1:39:A:VAL:HG13	1:41:A:LYS:H	2	0.19	0.01	0.19
(29,1437)	1:119:A:LEU:HA	1:121:A:VAL:HG21	2	0.19	0.01	0.19
(29,1437)	1:119:A:LEU:HA	1:121:A:VAL:HG22	2	0.19	0.01	0.19
(29,1437)	1:119:A:LEU:HA	1:121:A:VAL:HG23	2	0.19	0.01	0.19
(29,1979)	1:11:A:ILE:HG12	1:40:A:LEU:HD11	2	0.19	0.07	0.19
(29,1979)	1:11:A:ILE:HG12	1:40:A:LEU:HD12	2	0.19	0.07	0.19
(29,1979)	1:11:A:ILE:HG12	1:40:A:LEU:HD13	2	0.19	0.07	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,1979)	1:11:A:ILE:HG12	1:40:A:LEU:HD21	2	0.19	0.07	0.19
(29,1979)	1:11:A:ILE:HG12	1:40:A:LEU:HD22	2	0.19	0.07	0.19
(29,1979)	1:11:A:ILE:HG12	1:40:A:LEU:HD23	2	0.19	0.07	0.19
(29,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	2	0.19	0.07	0.19
(29,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	2	0.19	0.07	0.19
(29,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	2	0.19	0.07	0.19
(29,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD21	2	0.19	0.07	0.19
(29,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD22	2	0.19	0.07	0.19
(29,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD23	2	0.19	0.07	0.19
(29,2452)	1:150:A:THR:H	1:151:A:PHE:HB2	2	0.19	0.05	0.19
(29,2452)	1:150:A:THR:H	1:151:A:PHE:HB3	2	0.19	0.05	0.19
(32,1329)	1:39:A:VAL:HG11	1:41:A:LYS:H	2	0.19	0.01	0.19
(32,1329)	1:39:A:VAL:HG12	1:41:A:LYS:H	2	0.19	0.01	0.19
(32,1329)	1:39:A:VAL:HG13	1:41:A:LYS:H	2	0.19	0.01	0.19
(32,2495)	1:150:A:THR:H	1:151:A:PHE:HB2	2	0.19	0.05	0.19
(32,2495)	1:150:A:THR:H	1:151:A:PHE:HB3	2	0.19	0.05	0.19
(33,815)	1:98:A:ILE:HD11	1:101:A:ILE:H	2	0.19	0.03	0.19
(33,815)	1:98:A:ILE:HD12	1:101:A:ILE:H	2	0.19	0.03	0.19
(33,815)	1:98:A:ILE:HD13	1:101:A:ILE:H	2	0.19	0.03	0.19
(33,1365)	1:39:A:VAL:HG11	1:41:A:LYS:H	2	0.19	0.01	0.19
(33,1365)	1:39:A:VAL:HG12	1:41:A:LYS:H	2	0.19	0.01	0.19
(33,1365)	1:39:A:VAL:HG13	1:41:A:LYS:H	2	0.19	0.01	0.19
(33,2507)	1:150:A:THR:H	1:151:A:PHE:HB2	2	0.19	0.05	0.19
(33,2507)	1:150:A:THR:H	1:151:A:PHE:HB3	2	0.19	0.05	0.19
(34,1382)	1:39:A:VAL:HG11	1:41:A:LYS:H	2	0.19	0.01	0.19
(34,1382)	1:39:A:VAL:HG12	1:41:A:LYS:H	2	0.19	0.01	0.19
(34,1382)	1:39:A:VAL:HG13	1:41:A:LYS:H	2	0.19	0.01	0.19
(34,2492)	1:150:A:THR:H	1:151:A:PHE:HB2	2	0.19	0.05	0.19
(34,2492)	1:150:A:THR:H	1:151:A:PHE:HB3	2	0.19	0.05	0.19
(1,1803)	1:15:A:ALA:HA	1:18:A:PHE:HD1	2	0.18	0.05	0.18
(1,1803)	1:15:A:ALA:HA	1:18:A:PHE:HD2	2	0.18	0.05	0.18
(2,180)	1:93:A:GLU:H	1:93:A:GLU:HG2	2	0.18	0.01	0.18
(2,180)	1:93:A:GLU:H	1:93:A:GLU:HG3	2	0.18	0.01	0.18
(2,1745)	1:68:A:LYS:HA	1:71:A:LYS:HB2	2	0.18	0.04	0.18
(2,1816)	1:15:A:ALA:HA	1:18:A:PHE:HD1	2	0.18	0.05	0.18
(2,1816)	1:15:A:ALA:HA	1:18:A:PHE:HD2	2	0.18	0.05	0.18
(3,825)	1:64:A:LYS:H	1:98:A:ILE:HD11	2	0.18	0.02	0.18
(3,825)	1:64:A:LYS:H	1:98:A:ILE:HD12	2	0.18	0.02	0.18
(3,825)	1:64:A:LYS:H	1:98:A:ILE:HD13	2	0.18	0.02	0.18
(3,1818)	1:15:A:ALA:HA	1:18:A:PHE:HD1	2	0.18	0.05	0.18
(3,1818)	1:15:A:ALA:HA	1:18:A:PHE:HD2	2	0.18	0.05	0.18
(4,847)	1:142:A:LYS:HE2	1:143:A:TRP:HD1	2	0.18	0.06	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,847)	1:142:A:LYS:HE3	1:143:A:TRP:HD1	2	0.18	0.06	0.18
(4,863)	1:35:A:LEU:HB3	1:39:A:VAL:HB	2	0.18	0.02	0.18
(4,1707)	1:68:A:LYS:HA	1:71:A:LYS:HB2	2	0.18	0.04	0.18
(4,1770)	1:15:A:ALA:HA	1:18:A:PHE:HD1	2	0.18	0.05	0.18
(4,1770)	1:15:A:ALA:HA	1:18:A:PHE:HD2	2	0.18	0.05	0.18
(5,1753)	1:68:A:LYS:HA	1:71:A:LYS:HB2	2	0.18	0.04	0.18
(5,1817)	1:15:A:ALA:HA	1:18:A:PHE:HD1	2	0.18	0.05	0.18
(5,1817)	1:15:A:ALA:HA	1:18:A:PHE:HD2	2	0.18	0.05	0.18
(5,2019)	1:18:A:PHE:HE1	1:131:A:LEU:HB2	2	0.18	0.06	0.18
(5,2019)	1:18:A:PHE:HE1	1:131:A:LEU:HB3	2	0.18	0.06	0.18
(5,2019)	1:18:A:PHE:HE2	1:131:A:LEU:HB2	2	0.18	0.06	0.18
(5,2019)	1:18:A:PHE:HE2	1:131:A:LEU:HB3	2	0.18	0.06	0.18
(6,178)	1:93:A:GLU:H	1:93:A:GLU:HG2	2	0.18	0.01	0.18
(6,178)	1:93:A:GLU:H	1:93:A:GLU:HG3	2	0.18	0.01	0.18
(6,1545)	1:11:A:ILE:HD11	1:46:A:ASN:HB2	2	0.18	0.04	0.18
(6,1545)	1:11:A:ILE:HD12	1:46:A:ASN:HB2	2	0.18	0.04	0.18
(6,1545)	1:11:A:ILE:HD13	1:46:A:ASN:HB2	2	0.18	0.04	0.18
(6,1728)	1:68:A:LYS:HA	1:71:A:LYS:HB2	2	0.18	0.04	0.18
(6,1797)	1:15:A:ALA:HA	1:18:A:PHE:HD1	2	0.18	0.05	0.18
(6,1797)	1:15:A:ALA:HA	1:18:A:PHE:HD2	2	0.18	0.05	0.18
(7,803)	1:64:A:LYS:H	1:98:A:ILE:HD11	2	0.18	0.02	0.18
(7,803)	1:64:A:LYS:H	1:98:A:ILE:HD12	2	0.18	0.02	0.18
(7,803)	1:64:A:LYS:H	1:98:A:ILE:HD13	2	0.18	0.02	0.18
(7,1695)	1:68:A:LYS:HA	1:71:A:LYS:HB2	2	0.18	0.04	0.18
(7,1757)	1:15:A:ALA:HA	1:18:A:PHE:HD1	2	0.18	0.05	0.18
(7,1757)	1:15:A:ALA:HA	1:18:A:PHE:HD2	2	0.18	0.05	0.18
(9,1720)	1:68:A:LYS:HA	1:71:A:LYS:HB2	2	0.18	0.04	0.18
(9,1783)	1:15:A:ALA:HA	1:18:A:PHE:HD1	2	0.18	0.05	0.18
(9,1783)	1:15:A:ALA:HA	1:18:A:PHE:HD2	2	0.18	0.05	0.18
(9,2174)	1:64:A:LYS:H	1:116:A:GLN:HE21	2	0.18	0.04	0.18
(9,2174)	1:64:A:LYS:H	1:116:A:GLN:HE22	2	0.18	0.04	0.18
(11,1821)	1:15:A:ALA:HA	1:18:A:PHE:HD1	2	0.18	0.05	0.18
(11,1821)	1:15:A:ALA:HA	1:18:A:PHE:HD2	2	0.18	0.05	0.18
(13,178)	1:93:A:GLU:H	1:93:A:GLU:HG2	2	0.18	0.01	0.18
(13,178)	1:93:A:GLU:H	1:93:A:GLU:HG3	2	0.18	0.01	0.18
(13,849)	1:35:A:LEU:HB3	1:39:A:VAL:HB	2	0.18	0.02	0.18
(13,1755)	1:15:A:ALA:HA	1:18:A:PHE:HD1	2	0.18	0.05	0.18
(13,1755)	1:15:A:ALA:HA	1:18:A:PHE:HD2	2	0.18	0.05	0.18
(15,864)	1:35:A:LEU:HB3	1:39:A:VAL:HB	2	0.18	0.02	0.18
(15,1717)	1:68:A:LYS:HA	1:71:A:LYS:HB2	2	0.18	0.04	0.18
(16,184)	1:93:A:GLU:H	1:93:A:GLU:HG2	2	0.18	0.01	0.18
(16,184)	1:93:A:GLU:H	1:93:A:GLU:HG3	2	0.18	0.01	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1723)	1:68:A:LYS:HA	1:71:A:LYS:HB2	2	0.18	0.04	0.18
(16,1780)	1:15:A:ALA:HA	1:18:A:PHE:HD1	2	0.18	0.05	0.18
(16,1780)	1:15:A:ALA:HA	1:18:A:PHE:HD2	2	0.18	0.05	0.18
(17,178)	1:93:A:GLU:H	1:93:A:GLU:HG2	2	0.18	0.01	0.18
(17,178)	1:93:A:GLU:H	1:93:A:GLU:HG3	2	0.18	0.01	0.18
(17,1303)	1:18:A:PHE:HZ	1:60:A:LEU:HD21	2	0.18	0.02	0.18
(17,1303)	1:18:A:PHE:HZ	1:60:A:LEU:HD22	2	0.18	0.02	0.18
(17,1303)	1:18:A:PHE:HZ	1:60:A:LEU:HD23	2	0.18	0.02	0.18
(17,1742)	1:68:A:LYS:HA	1:71:A:LYS:HB2	2	0.18	0.04	0.18
(17,1805)	1:15:A:ALA:HA	1:18:A:PHE:HD1	2	0.18	0.05	0.18
(17,1805)	1:15:A:ALA:HA	1:18:A:PHE:HD2	2	0.18	0.05	0.18
(18,824)	1:64:A:LYS:H	1:98:A:ILE:HD11	2	0.18	0.02	0.18
(18,824)	1:64:A:LYS:H	1:98:A:ILE:HD12	2	0.18	0.02	0.18
(18,824)	1:64:A:LYS:H	1:98:A:ILE:HD13	2	0.18	0.02	0.18
(18,871)	1:35:A:LEU:HB3	1:39:A:VAL:HB	2	0.18	0.02	0.18
(18,1772)	1:15:A:ALA:HA	1:18:A:PHE:HD1	2	0.18	0.05	0.18
(18,1772)	1:15:A:ALA:HA	1:18:A:PHE:HD2	2	0.18	0.05	0.18
(29,185)	1:93:A:GLU:H	1:93:A:GLU:HG2	2	0.18	0.01	0.18
(29,185)	1:93:A:GLU:H	1:93:A:GLU:HG3	2	0.18	0.01	0.18
(29,1812)	1:15:A:ALA:HA	1:18:A:PHE:HD1	2	0.18	0.05	0.18
(29,1812)	1:15:A:ALA:HA	1:18:A:PHE:HD2	2	0.18	0.05	0.18
(30,1733)	1:68:A:LYS:HA	1:71:A:LYS:HB2	2	0.18	0.04	0.18
(30,1792)	1:15:A:ALA:HA	1:18:A:PHE:HD1	2	0.18	0.05	0.18
(30,1792)	1:15:A:ALA:HA	1:18:A:PHE:HD2	2	0.18	0.05	0.18
(32,842)	1:35:A:LEU:HB3	1:39:A:VAL:HB	2	0.18	0.02	0.18
(32,1685)	1:68:A:LYS:HA	1:71:A:LYS:HB2	2	0.18	0.04	0.18
(32,1753)	1:15:A:ALA:HA	1:18:A:PHE:HD1	2	0.18	0.05	0.18
(32,1753)	1:15:A:ALA:HA	1:18:A:PHE:HD2	2	0.18	0.05	0.18
(33,1718)	1:68:A:LYS:HA	1:71:A:LYS:HB2	2	0.18	0.04	0.18
(34,819)	1:64:A:LYS:H	1:98:A:ILE:HD11	2	0.18	0.02	0.18
(34,819)	1:64:A:LYS:H	1:98:A:ILE:HD12	2	0.18	0.02	0.18
(34,819)	1:64:A:LYS:H	1:98:A:ILE:HD13	2	0.18	0.02	0.18
(34,1737)	1:68:A:LYS:HA	1:71:A:LYS:HB2	2	0.18	0.04	0.18
(34,1806)	1:15:A:ALA:HA	1:18:A:PHE:HD1	2	0.18	0.05	0.18
(34,1806)	1:15:A:ALA:HA	1:18:A:PHE:HD2	2	0.18	0.05	0.18
(1,315)	1:46:A:ASN:H	1:47:A:ALA:HB1	2	0.18	0.02	0.18
(1,315)	1:46:A:ASN:H	1:47:A:ALA:HB2	2	0.18	0.02	0.18
(1,315)	1:46:A:ASN:H	1:47:A:ALA:HB3	2	0.18	0.02	0.18
(1,1547)	1:69:A:MET:HE1	1:76:A:ARG:HG2	2	0.18	0.03	0.18
(1,1547)	1:69:A:MET:HE1	1:76:A:ARG:HG3	2	0.18	0.03	0.18
(1,1547)	1:69:A:MET:HE2	1:76:A:ARG:HG2	2	0.18	0.03	0.18
(1,1547)	1:69:A:MET:HE2	1:76:A:ARG:HG3	2	0.18	0.03	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1547)	1:69:A:MET:HE3	1:76:A:ARG:HG2	2	0.18	0.03	0.18
(1,1547)	1:69:A:MET:HE3	1:76:A:ARG:HG3	2	0.18	0.03	0.18
(1,2151)	1:48:A:ARG:H	1:57:A:LEU:HD11	2	0.18	0.05	0.18
(1,2151)	1:48:A:ARG:H	1:57:A:LEU:HD12	2	0.18	0.05	0.18
(1,2151)	1:48:A:ARG:H	1:57:A:LEU:HD13	2	0.18	0.05	0.18
(1,2151)	1:48:A:ARG:H	1:57:A:LEU:HD21	2	0.18	0.05	0.18
(1,2151)	1:48:A:ARG:H	1:57:A:LEU:HD22	2	0.18	0.05	0.18
(1,2151)	1:48:A:ARG:H	1:57:A:LEU:HD23	2	0.18	0.05	0.18
(2,309)	1:46:A:ASN:H	1:47:A:ALA:HB1	2	0.18	0.02	0.18
(2,309)	1:46:A:ASN:H	1:47:A:ALA:HB2	2	0.18	0.02	0.18
(2,309)	1:46:A:ASN:H	1:47:A:ALA:HB3	2	0.18	0.02	0.18
(2,945)	1:11:A:ILE:HG21	1:43:A:MET:HG2	2	0.18	0.02	0.18
(2,945)	1:11:A:ILE:HG22	1:43:A:MET:HG2	2	0.18	0.02	0.18
(2,945)	1:11:A:ILE:HG23	1:43:A:MET:HG2	2	0.18	0.02	0.18
(2,1800)	1:58:A:ILE:HG21	1:62:A:HIS:HE1	2	0.18	0.0	0.18
(2,1800)	1:58:A:ILE:HG22	1:62:A:HIS:HE1	2	0.18	0.0	0.18
(2,1800)	1:58:A:ILE:HG23	1:62:A:HIS:HE1	2	0.18	0.0	0.18
(3,232)	1:110:A:MET:HE1	1:114:A:ILE:H	2	0.18	0.04	0.18
(3,232)	1:110:A:MET:HE2	1:114:A:ILE:H	2	0.18	0.04	0.18
(3,232)	1:110:A:MET:HE3	1:114:A:ILE:H	2	0.18	0.04	0.18
(4,227)	1:110:A:MET:HE1	1:114:A:ILE:H	2	0.18	0.04	0.18
(4,227)	1:110:A:MET:HE2	1:114:A:ILE:H	2	0.18	0.04	0.18
(4,227)	1:110:A:MET:HE3	1:114:A:ILE:H	2	0.18	0.04	0.18
(4,2039)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	2	0.18	0.03	0.18
(4,2039)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	2	0.18	0.03	0.18
(4,2039)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	2	0.18	0.03	0.18
(4,2039)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	2	0.18	0.03	0.18
(5,955)	1:11:A:ILE:HG21	1:43:A:MET:HG2	2	0.18	0.02	0.18
(5,955)	1:11:A:ILE:HG22	1:43:A:MET:HG2	2	0.18	0.02	0.18
(5,955)	1:11:A:ILE:HG23	1:43:A:MET:HG2	2	0.18	0.02	0.18
(5,1805)	1:58:A:ILE:HG21	1:62:A:HIS:HE1	2	0.18	0.0	0.18
(5,1805)	1:58:A:ILE:HG22	1:62:A:HIS:HE1	2	0.18	0.0	0.18
(5,1805)	1:58:A:ILE:HG23	1:62:A:HIS:HE1	2	0.18	0.0	0.18
(7,235)	1:110:A:MET:HE1	1:114:A:ILE:H	2	0.18	0.04	0.18
(7,235)	1:110:A:MET:HE2	1:114:A:ILE:H	2	0.18	0.04	0.18
(7,235)	1:110:A:MET:HE3	1:114:A:ILE:H	2	0.18	0.04	0.18
(7,1998)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	2	0.18	0.05	0.18
(7,1998)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	2	0.18	0.05	0.18
(7,1998)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	2	0.18	0.05	0.18
(7,1998)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	2	0.18	0.05	0.18
(7,1998)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	2	0.18	0.05	0.18
(7,1998)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	2	0.18	0.05	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,1998)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	2	0.18	0.05	0.18
(7,1998)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	2	0.18	0.05	0.18
(7,1998)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	2	0.18	0.05	0.18
(7,1998)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	2	0.18	0.05	0.18
(7,1998)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	2	0.18	0.05	0.18
(7,1998)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	2	0.18	0.05	0.18
(9,235)	1:110:A:MET:HE1	1:114:A:ILE:H	2	0.18	0.04	0.18
(9,235)	1:110:A:MET:HE2	1:114:A:ILE:H	2	0.18	0.04	0.18
(9,235)	1:110:A:MET:HE3	1:114:A:ILE:H	2	0.18	0.04	0.18
(9,320)	1:46:A:ASN:H	1:47:A:ALA:HB1	2	0.18	0.02	0.18
(9,320)	1:46:A:ASN:H	1:47:A:ALA:HB2	2	0.18	0.02	0.18
(9,320)	1:46:A:ASN:H	1:47:A:ALA:HB3	2	0.18	0.02	0.18
(9,1774)	1:58:A:ILE:HG21	1:62:A:HIS:HE1	2	0.18	0.0	0.18
(9,1774)	1:58:A:ILE:HG22	1:62:A:HIS:HE1	2	0.18	0.0	0.18
(9,1774)	1:58:A:ILE:HG23	1:62:A:HIS:HE1	2	0.18	0.0	0.18
(11,229)	1:110:A:MET:HE1	1:114:A:ILE:H	2	0.18	0.04	0.18
(11,229)	1:110:A:MET:HE2	1:114:A:ILE:H	2	0.18	0.04	0.18
(11,229)	1:110:A:MET:HE3	1:114:A:ILE:H	2	0.18	0.04	0.18
(11,2304)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	2	0.18	0.06	0.18
(11,2304)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	2	0.18	0.06	0.18
(11,2304)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	2	0.18	0.06	0.18
(11,2304)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	2	0.18	0.06	0.18
(11,2304)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	2	0.18	0.06	0.18
(11,2304)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	2	0.18	0.06	0.18
(11,2304)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	2	0.18	0.06	0.18
(11,2304)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	2	0.18	0.06	0.18
(11,2304)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	2	0.18	0.06	0.18
(11,2304)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	2	0.18	0.06	0.18
(11,2304)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	2	0.18	0.06	0.18
(11,2304)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	2	0.18	0.06	0.18
(13,232)	1:110:A:MET:HE1	1:114:A:ILE:H	2	0.18	0.04	0.18
(13,232)	1:110:A:MET:HE2	1:114:A:ILE:H	2	0.18	0.04	0.18
(13,232)	1:110:A:MET:HE3	1:114:A:ILE:H	2	0.18	0.04	0.18
(13,1741)	1:58:A:ILE:HG21	1:62:A:HIS:HE1	2	0.18	0.0	0.18
(13,1741)	1:58:A:ILE:HG22	1:62:A:HIS:HE1	2	0.18	0.0	0.18
(13,1741)	1:58:A:ILE:HG23	1:62:A:HIS:HE1	2	0.18	0.0	0.18
(13,1968)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	2	0.18	0.0	0.18
(13,1968)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	2	0.18	0.0	0.18
(13,1968)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	2	0.18	0.0	0.18
(13,1968)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	2	0.18	0.0	0.18
(13,1968)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	2	0.18	0.0	0.18
(13,1968)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	2	0.18	0.0	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,1968)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	2	0.18	0.0	0.18
(13,1968)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	2	0.18	0.0	0.18
(13,1968)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	2	0.18	0.0	0.18
(13,1968)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	2	0.18	0.0	0.18
(13,1968)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	2	0.18	0.0	0.18
(13,1968)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	2	0.18	0.0	0.18
(13,1968)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	2	0.18	0.0	0.18
(13,1968)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	2	0.18	0.0	0.18
(13,1968)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	2	0.18	0.0	0.18
(13,1968)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	2	0.18	0.0	0.18
(13,1968)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	2	0.18	0.0	0.18
(13,1968)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	2	0.18	0.0	0.18
(15,238)	1:110:A:MET:HE1	1:114:A:ILE:H	2	0.18	0.04	0.18
(15,238)	1:110:A:MET:HE2	1:114:A:ILE:H	2	0.18	0.04	0.18
(15,238)	1:110:A:MET:HE3	1:114:A:ILE:H	2	0.18	0.04	0.18
(15,314)	1:46:A:ASN:H	1:47:A:ALA:HB1	2	0.18	0.02	0.18
(15,314)	1:46:A:ASN:H	1:47:A:ALA:HB2	2	0.18	0.02	0.18
(15,314)	1:46:A:ASN:H	1:47:A:ALA:HB3	2	0.18	0.02	0.18
(15,1444)	1:47:A:ALA:HA	1:50:A:ALA:HB1	2	0.18	0.01	0.18
(15,1444)	1:47:A:ALA:HA	1:50:A:ALA:HB2	2	0.18	0.01	0.18
(15,1444)	1:47:A:ALA:HA	1:50:A:ALA:HB3	2	0.18	0.01	0.18
(16,237)	1:110:A:MET:HE1	1:114:A:ILE:H	2	0.18	0.04	0.18
(16,237)	1:110:A:MET:HE2	1:114:A:ILE:H	2	0.18	0.04	0.18
(16,237)	1:110:A:MET:HE3	1:114:A:ILE:H	2	0.18	0.04	0.18
(16,971)	1:11:A:ILE:HG21	1:43:A:MET:HG2	2	0.18	0.02	0.18
(16,971)	1:11:A:ILE:HG22	1:43:A:MET:HG2	2	0.18	0.02	0.18
(16,971)	1:11:A:ILE:HG23	1:43:A:MET:HG2	2	0.18	0.02	0.18
(16,1762)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	2	0.18	0.05	0.18
(16,1762)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	2	0.18	0.05	0.18
(16,1762)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	2	0.18	0.05	0.18
(16,2041)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	2	0.18	0.03	0.18
(16,2041)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	2	0.18	0.03	0.18
(16,2041)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	2	0.18	0.03	0.18
(16,2041)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	2	0.18	0.03	0.18
(17,229)	1:110:A:MET:HE1	1:114:A:ILE:H	2	0.18	0.04	0.18
(17,229)	1:110:A:MET:HE2	1:114:A:ILE:H	2	0.18	0.04	0.18
(17,229)	1:110:A:MET:HE3	1:114:A:ILE:H	2	0.18	0.04	0.18
(17,2189)	1:48:A:ARG:H	1:57:A:LEU:HD11	2	0.18	0.05	0.18
(17,2189)	1:48:A:ARG:H	1:57:A:LEU:HD12	2	0.18	0.05	0.18
(17,2189)	1:48:A:ARG:H	1:57:A:LEU:HD13	2	0.18	0.05	0.18
(17,2189)	1:48:A:ARG:H	1:57:A:LEU:HD21	2	0.18	0.05	0.18
(17,2189)	1:48:A:ARG:H	1:57:A:LEU:HD22	2	0.18	0.05	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,2189)	1:48:A:ARG:H	1:57:A:LEU:HD23	2	0.18	0.05	0.18
(18,237)	1:110:A:MET:HE1	1:114:A:ILE:H	2	0.18	0.04	0.18
(18,237)	1:110:A:MET:HE2	1:114:A:ILE:H	2	0.18	0.04	0.18
(18,237)	1:110:A:MET:HE3	1:114:A:ILE:H	2	0.18	0.04	0.18
(18,1761)	1:58:A:ILE:HG21	1:62:A:HIS:HE1	2	0.18	0.0	0.18
(18,1761)	1:58:A:ILE:HG22	1:62:A:HIS:HE1	2	0.18	0.0	0.18
(18,1761)	1:58:A:ILE:HG23	1:62:A:HIS:HE1	2	0.18	0.0	0.18
(29,235)	1:110:A:MET:HE1	1:114:A:ILE:H	2	0.18	0.04	0.18
(29,235)	1:110:A:MET:HE2	1:114:A:ILE:H	2	0.18	0.04	0.18
(29,235)	1:110:A:MET:HE3	1:114:A:ILE:H	2	0.18	0.04	0.18
(29,1311)	1:11:A:ILE:HA	1:14:A:VAL:HG11	2	0.18	0.07	0.18
(29,1311)	1:11:A:ILE:HA	1:14:A:VAL:HG12	2	0.18	0.07	0.18
(29,1311)	1:11:A:ILE:HA	1:14:A:VAL:HG13	2	0.18	0.07	0.18
(29,2168)	1:48:A:ARG:H	1:57:A:LEU:HD11	2	0.18	0.05	0.18
(29,2168)	1:48:A:ARG:H	1:57:A:LEU:HD12	2	0.18	0.05	0.18
(29,2168)	1:48:A:ARG:H	1:57:A:LEU:HD13	2	0.18	0.05	0.18
(29,2168)	1:48:A:ARG:H	1:57:A:LEU:HD21	2	0.18	0.05	0.18
(29,2168)	1:48:A:ARG:H	1:57:A:LEU:HD22	2	0.18	0.05	0.18
(29,2168)	1:48:A:ARG:H	1:57:A:LEU:HD23	2	0.18	0.05	0.18
(30,234)	1:110:A:MET:HE1	1:114:A:ILE:H	2	0.18	0.04	0.18
(30,234)	1:110:A:MET:HE2	1:114:A:ILE:H	2	0.18	0.04	0.18
(30,234)	1:110:A:MET:HE3	1:114:A:ILE:H	2	0.18	0.04	0.18
(30,312)	1:46:A:ASN:H	1:47:A:ALA:HB1	2	0.18	0.02	0.18
(30,312)	1:46:A:ASN:H	1:47:A:ALA:HB2	2	0.18	0.02	0.18
(30,312)	1:46:A:ASN:H	1:47:A:ALA:HB3	2	0.18	0.02	0.18
(30,1781)	1:58:A:ILE:HG21	1:62:A:HIS:HE1	2	0.18	0.0	0.18
(30,1781)	1:58:A:ILE:HG22	1:62:A:HIS:HE1	2	0.18	0.0	0.18
(30,1781)	1:58:A:ILE:HG23	1:62:A:HIS:HE1	2	0.18	0.0	0.18
(30,2036)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	2	0.18	0.03	0.18
(30,2036)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	2	0.18	0.03	0.18
(30,2036)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	2	0.18	0.03	0.18
(30,2036)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	2	0.18	0.03	0.18
(32,223)	1:110:A:MET:HE1	1:114:A:ILE:H	2	0.18	0.04	0.18
(32,223)	1:110:A:MET:HE2	1:114:A:ILE:H	2	0.18	0.04	0.18
(32,223)	1:110:A:MET:HE3	1:114:A:ILE:H	2	0.18	0.04	0.18
(32,796)	1:98:A:ILE:HA	1:98:A:ILE:HD11	2	0.18	0.03	0.18
(32,796)	1:98:A:ILE:HA	1:98:A:ILE:HD12	2	0.18	0.03	0.18
(32,796)	1:98:A:ILE:HA	1:98:A:ILE:HD13	2	0.18	0.03	0.18
(32,1741)	1:58:A:ILE:HG21	1:62:A:HIS:HE1	2	0.18	0.0	0.18
(32,1741)	1:58:A:ILE:HG22	1:62:A:HIS:HE1	2	0.18	0.0	0.18
(32,1741)	1:58:A:ILE:HG23	1:62:A:HIS:HE1	2	0.18	0.0	0.18
(33,231)	1:110:A:MET:HE1	1:114:A:ILE:H	2	0.18	0.04	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,231)	1:110:A:MET:HE2	1:114:A:ILE:H	2	0.18	0.04	0.18
(33,231)	1:110:A:MET:HE3	1:114:A:ILE:H	2	0.18	0.04	0.18
(33,311)	1:46:A:ASN:H	1:47:A:ALA:HB1	2	0.18	0.02	0.18
(33,311)	1:46:A:ASN:H	1:47:A:ALA:HB2	2	0.18	0.02	0.18
(33,311)	1:46:A:ASN:H	1:47:A:ALA:HB3	2	0.18	0.02	0.18
(33,1754)	1:140:A:LEU:HD11	1:141:A:LYS:H	2	0.18	0.03	0.18
(33,1754)	1:140:A:LEU:HD12	1:141:A:LYS:H	2	0.18	0.03	0.18
(33,1754)	1:140:A:LEU:HD13	1:141:A:LYS:H	2	0.18	0.03	0.18
(33,2044)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	2	0.18	0.03	0.18
(33,2044)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	2	0.18	0.03	0.18
(33,2044)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	2	0.18	0.03	0.18
(33,2044)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	2	0.18	0.03	0.18
(34,238)	1:110:A:MET:HE1	1:114:A:ILE:H	2	0.18	0.04	0.18
(34,238)	1:110:A:MET:HE2	1:114:A:ILE:H	2	0.18	0.04	0.18
(34,238)	1:110:A:MET:HE3	1:114:A:ILE:H	2	0.18	0.04	0.18
(34,317)	1:46:A:ASN:H	1:47:A:ALA:HB1	2	0.18	0.02	0.18
(34,317)	1:46:A:ASN:H	1:47:A:ALA:HB2	2	0.18	0.02	0.18
(34,317)	1:46:A:ASN:H	1:47:A:ALA:HB3	2	0.18	0.02	0.18
(34,1792)	1:58:A:ILE:HG21	1:62:A:HIS:HE1	2	0.18	0.0	0.18
(34,1792)	1:58:A:ILE:HG22	1:62:A:HIS:HE1	2	0.18	0.0	0.18
(34,1792)	1:58:A:ILE:HG23	1:62:A:HIS:HE1	2	0.18	0.0	0.18
(34,1993)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	2	0.18	0.05	0.18
(34,1993)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	2	0.18	0.05	0.18
(34,1993)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	2	0.18	0.05	0.18
(34,1993)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	2	0.18	0.05	0.18
(34,1993)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	2	0.18	0.05	0.18
(34,1993)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	2	0.18	0.05	0.18
(34,1993)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	2	0.18	0.05	0.18
(34,1993)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	2	0.18	0.05	0.18
(34,1993)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	2	0.18	0.05	0.18
(34,1993)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	2	0.18	0.05	0.18
(34,1993)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	2	0.18	0.05	0.18
(34,1993)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	2	0.18	0.05	0.18
(1,49)	1:98:A:ILE:H	1:104:A:PHE:HB3	2	0.18	0.06	0.18
(1,848)	1:110:A:MET:HG2	1:114:A:ILE:HD11	2	0.18	0.03	0.18
(1,848)	1:110:A:MET:HG2	1:114:A:ILE:HD12	2	0.18	0.03	0.18
(1,848)	1:110:A:MET:HG2	1:114:A:ILE:HD13	2	0.18	0.03	0.18
(1,848)	1:110:A:MET:HG3	1:114:A:ILE:HD11	2	0.18	0.03	0.18
(1,848)	1:110:A:MET:HG3	1:114:A:ILE:HD12	2	0.18	0.03	0.18
(1,848)	1:110:A:MET:HG3	1:114:A:ILE:HD13	2	0.18	0.03	0.18
(1,2112)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	2	0.18	0.02	0.18
(1,2112)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	2	0.18	0.02	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2112)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	2	0.18	0.02	0.18
(1,2112)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	2	0.18	0.02	0.18
(1,2112)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	2	0.18	0.02	0.18
(1,2112)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	2	0.18	0.02	0.18
(2,393)	1:105:A:LYS:HG3	1:106:A:ASP:H	2	0.18	0.02	0.18
(2,798)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	2	0.18	0.02	0.18
(2,798)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	2	0.18	0.02	0.18
(2,798)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	2	0.18	0.02	0.18
(2,798)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	2	0.18	0.02	0.18
(2,798)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	2	0.18	0.02	0.18
(2,798)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	2	0.18	0.02	0.18
(2,828)	1:110:A:MET:HG2	1:114:A:ILE:HD11	2	0.18	0.03	0.18
(2,828)	1:110:A:MET:HG2	1:114:A:ILE:HD12	2	0.18	0.03	0.18
(2,828)	1:110:A:MET:HG2	1:114:A:ILE:HD13	2	0.18	0.03	0.18
(2,828)	1:110:A:MET:HG3	1:114:A:ILE:HD11	2	0.18	0.03	0.18
(2,828)	1:110:A:MET:HG3	1:114:A:ILE:HD12	2	0.18	0.03	0.18
(2,828)	1:110:A:MET:HG3	1:114:A:ILE:HD13	2	0.18	0.03	0.18
(2,1313)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	2	0.18	0.0	0.18
(2,1313)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	2	0.18	0.0	0.18
(2,1313)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	2	0.18	0.0	0.18
(2,1313)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	2	0.18	0.0	0.18
(2,1313)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	2	0.18	0.0	0.18
(2,1313)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	2	0.18	0.0	0.18
(2,1313)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	2	0.18	0.0	0.18
(2,1313)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	2	0.18	0.0	0.18
(2,1313)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	2	0.18	0.0	0.18
(2,1411)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	2	0.18	0.04	0.18
(2,1411)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	2	0.18	0.04	0.18
(2,1411)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	2	0.18	0.04	0.18
(3,132)	1:12:A:VAL:H	1:13:A:ALA:HB1	2	0.18	0.0	0.18
(3,132)	1:12:A:VAL:H	1:13:A:ALA:HB2	2	0.18	0.0	0.18
(3,132)	1:12:A:VAL:H	1:13:A:ALA:HB3	2	0.18	0.0	0.18
(3,399)	1:105:A:LYS:HG3	1:106:A:ASP:H	2	0.18	0.02	0.18
(3,2420)	1:123:A:CYS:H	1:128:A:LEU:HD11	2	0.18	0.06	0.18
(3,2420)	1:123:A:CYS:H	1:128:A:LEU:HD12	2	0.18	0.06	0.18
(3,2420)	1:123:A:CYS:H	1:128:A:LEU:HD13	2	0.18	0.06	0.18
(3,2420)	1:123:A:CYS:H	1:128:A:LEU:HD21	2	0.18	0.06	0.18
(3,2420)	1:123:A:CYS:H	1:128:A:LEU:HD22	2	0.18	0.06	0.18
(3,2420)	1:123:A:CYS:H	1:128:A:LEU:HD23	2	0.18	0.06	0.18
(4,131)	1:12:A:VAL:H	1:13:A:ALA:HB1	2	0.18	0.0	0.18
(4,131)	1:12:A:VAL:H	1:13:A:ALA:HB2	2	0.18	0.0	0.18
(4,131)	1:12:A:VAL:H	1:13:A:ALA:HB3	2	0.18	0.0	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,387)	1:105:A:LYS:HG3	1:106:A:ASP:H	2	0.18	0.02	0.18
(4,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	2	0.18	0.0	0.18
(4,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	2	0.18	0.0	0.18
(5,128)	1:12:A:VAL:H	1:13:A:ALA:HB1	2	0.18	0.0	0.18
(5,128)	1:12:A:VAL:H	1:13:A:ALA:HB2	2	0.18	0.0	0.18
(5,128)	1:12:A:VAL:H	1:13:A:ALA:HB3	2	0.18	0.0	0.18
(5,832)	1:110:A:MET:HG2	1:114:A:ILE:HD11	2	0.18	0.03	0.18
(5,832)	1:110:A:MET:HG2	1:114:A:ILE:HD12	2	0.18	0.03	0.18
(5,832)	1:110:A:MET:HG2	1:114:A:ILE:HD13	2	0.18	0.03	0.18
(5,832)	1:110:A:MET:HG3	1:114:A:ILE:HD11	2	0.18	0.03	0.18
(5,832)	1:110:A:MET:HG3	1:114:A:ILE:HD12	2	0.18	0.03	0.18
(5,832)	1:110:A:MET:HG3	1:114:A:ILE:HD13	2	0.18	0.03	0.18
(5,1292)	1:45:A:ALA:HA	1:48:A:ARG:HG2	2	0.18	0.06	0.18
(5,1292)	1:45:A:ALA:HA	1:48:A:ARG:HG3	2	0.18	0.06	0.18
(5,2090)	1:39:A:VAL:HA	1:43:A:MET:HG2	2	0.18	0.04	0.18
(5,2090)	1:39:A:VAL:HA	1:43:A:MET:HG3	2	0.18	0.04	0.18
(6,1303)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	2	0.18	0.0	0.18
(6,1303)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	2	0.18	0.0	0.18
(6,1303)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	2	0.18	0.0	0.18
(6,1303)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	2	0.18	0.0	0.18
(6,1303)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	2	0.18	0.0	0.18
(6,1303)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	2	0.18	0.0	0.18
(6,1303)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	2	0.18	0.0	0.18
(6,1303)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	2	0.18	0.0	0.18
(6,1303)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	2	0.18	0.0	0.18
(7,1094)	1:40:A:LEU:HB3	1:41:A:LYS:HA	2	0.18	0.0	0.18
(7,2203)	1:64:A:LYS:H	1:116:A:GLN:HE21	2	0.18	0.03	0.18
(7,2203)	1:64:A:LYS:H	1:116:A:GLN:HE22	2	0.18	0.03	0.18
(9,1309)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	2	0.18	0.0	0.18
(9,1309)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	2	0.18	0.0	0.18
(9,1309)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	2	0.18	0.0	0.18
(9,1309)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	2	0.18	0.0	0.18
(9,1309)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	2	0.18	0.0	0.18
(9,1309)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	2	0.18	0.0	0.18
(9,1309)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	2	0.18	0.0	0.18
(9,1309)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	2	0.18	0.0	0.18
(9,1309)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	2	0.18	0.0	0.18
(11,134)	1:12:A:VAL:H	1:13:A:ALA:HB1	2	0.18	0.0	0.18
(11,134)	1:12:A:VAL:H	1:13:A:ALA:HB2	2	0.18	0.0	0.18
(11,134)	1:12:A:VAL:H	1:13:A:ALA:HB3	2	0.18	0.0	0.18
(11,1329)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	2	0.18	0.0	0.18
(11,1329)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	2	0.18	0.0	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,1329)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	2	0.18	0.0	0.18
(11,1329)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	2	0.18	0.0	0.18
(11,1329)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	2	0.18	0.0	0.18
(11,1329)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	2	0.18	0.0	0.18
(11,1329)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	2	0.18	0.0	0.18
(11,1329)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	2	0.18	0.0	0.18
(11,1329)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	2	0.18	0.0	0.18
(13,1165)	1:40:A:LEU:H	1:40:A:LEU:HD21	2	0.18	0.04	0.18
(13,1165)	1:40:A:LEU:H	1:40:A:LEU:HD22	2	0.18	0.04	0.18
(13,1165)	1:40:A:LEU:H	1:40:A:LEU:HD23	2	0.18	0.04	0.18
(15,140)	1:12:A:VAL:H	1:13:A:ALA:HB1	2	0.18	0.0	0.18
(15,140)	1:12:A:VAL:H	1:13:A:ALA:HB2	2	0.18	0.0	0.18
(15,140)	1:12:A:VAL:H	1:13:A:ALA:HB3	2	0.18	0.0	0.18
(15,2074)	1:39:A:VAL:HA	1:43:A:MET:HG2	2	0.18	0.04	0.18
(15,2074)	1:39:A:VAL:HA	1:43:A:MET:HG3	2	0.18	0.04	0.18
(16,401)	1:105:A:LYS:HG3	1:106:A:ASP:H	2	0.18	0.02	0.18
(16,1098)	1:45:A:ALA:HA	1:48:A:ARG:HG2	2	0.18	0.06	0.18
(16,1098)	1:45:A:ALA:HA	1:48:A:ARG:HG3	2	0.18	0.06	0.18
(17,1321)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	2	0.18	0.0	0.18
(17,1321)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	2	0.18	0.0	0.18
(17,1321)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	2	0.18	0.0	0.18
(17,1321)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	2	0.18	0.0	0.18
(17,1321)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	2	0.18	0.0	0.18
(17,1321)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	2	0.18	0.0	0.18
(17,1321)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	2	0.18	0.0	0.18
(17,1321)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	2	0.18	0.0	0.18
(17,1321)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	2	0.18	0.0	0.18
(17,2116)	1:39:A:VAL:HA	1:43:A:MET:HG2	2	0.18	0.04	0.18
(17,2116)	1:39:A:VAL:HA	1:43:A:MET:HG3	2	0.18	0.04	0.18
(18,136)	1:12:A:VAL:H	1:13:A:ALA:HB1	2	0.18	0.0	0.18
(18,136)	1:12:A:VAL:H	1:13:A:ALA:HB2	2	0.18	0.0	0.18
(18,136)	1:12:A:VAL:H	1:13:A:ALA:HB3	2	0.18	0.0	0.18
(18,812)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	2	0.18	0.02	0.18
(18,812)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	2	0.18	0.02	0.18
(18,812)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	2	0.18	0.02	0.18
(18,812)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	2	0.18	0.02	0.18
(18,812)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	2	0.18	0.02	0.18
(18,812)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	2	0.18	0.02	0.18
(29,1878)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	2	0.18	0.0	0.18
(29,1878)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	2	0.18	0.0	0.18
(29,2129)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	2	0.18	0.02	0.18
(29,2129)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	2	0.18	0.02	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,2129)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	2	0.18	0.02	0.18
(29,2129)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	2	0.18	0.02	0.18
(29,2129)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	2	0.18	0.02	0.18
(29,2129)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	2	0.18	0.02	0.18
(30,134)	1:12:A:VAL:H	1:13:A:ALA:HB1	2	0.18	0.0	0.18
(30,134)	1:12:A:VAL:H	1:13:A:ALA:HB2	2	0.18	0.0	0.18
(30,134)	1:12:A:VAL:H	1:13:A:ALA:HB3	2	0.18	0.0	0.18
(30,399)	1:105:A:LYS:HG3	1:106:A:ASP:H	2	0.18	0.02	0.18
(30,2112)	1:39:A:VAL:HA	1:43:A:MET:HG2	2	0.18	0.04	0.18
(30,2112)	1:39:A:VAL:HA	1:43:A:MET:HG3	2	0.18	0.04	0.18
(32,1968)	1:15:A:ALA:HB1	1:18:A:PHE:HB2	2	0.18	0.03	0.18
(32,1968)	1:15:A:ALA:HB1	1:18:A:PHE:HB3	2	0.18	0.03	0.18
(32,1968)	1:15:A:ALA:HB2	1:18:A:PHE:HB2	2	0.18	0.03	0.18
(32,1968)	1:15:A:ALA:HB2	1:18:A:PHE:HB3	2	0.18	0.03	0.18
(32,1968)	1:15:A:ALA:HB3	1:18:A:PHE:HB2	2	0.18	0.03	0.18
(32,1968)	1:15:A:ALA:HB3	1:18:A:PHE:HB3	2	0.18	0.03	0.18
(34,137)	1:12:A:VAL:H	1:13:A:ALA:HB1	2	0.18	0.0	0.18
(34,137)	1:12:A:VAL:H	1:13:A:ALA:HB2	2	0.18	0.0	0.18
(34,137)	1:12:A:VAL:H	1:13:A:ALA:HB3	2	0.18	0.0	0.18
(34,809)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	2	0.18	0.02	0.18
(34,809)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	2	0.18	0.02	0.18
(34,809)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	2	0.18	0.02	0.18
(34,809)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	2	0.18	0.02	0.18
(34,809)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	2	0.18	0.02	0.18
(34,809)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	2	0.18	0.02	0.18
(34,838)	1:110:A:MET:HG2	1:114:A:ILE:HD11	2	0.18	0.03	0.18
(34,838)	1:110:A:MET:HG2	1:114:A:ILE:HD12	2	0.18	0.03	0.18
(34,838)	1:110:A:MET:HG2	1:114:A:ILE:HD13	2	0.18	0.03	0.18
(34,838)	1:110:A:MET:HG3	1:114:A:ILE:HD11	2	0.18	0.03	0.18
(34,838)	1:110:A:MET:HG3	1:114:A:ILE:HD12	2	0.18	0.03	0.18
(34,838)	1:110:A:MET:HG3	1:114:A:ILE:HD13	2	0.18	0.03	0.18
(34,982)	1:70:A:LYS:HB2	1:74:A:PRO:HA	2	0.18	0.0	0.18
(34,982)	1:70:A:LYS:HB3	1:74:A:PRO:HA	2	0.18	0.0	0.18
(34,1334)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	2	0.18	0.0	0.18
(34,1334)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	2	0.18	0.0	0.18
(34,1334)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	2	0.18	0.0	0.18
(34,1334)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	2	0.18	0.0	0.18
(34,1334)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	2	0.18	0.0	0.18
(34,1334)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	2	0.18	0.0	0.18
(34,1334)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	2	0.18	0.0	0.18
(34,1334)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	2	0.18	0.0	0.18
(34,1334)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	2	0.18	0.0	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,1441)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	2	0.17	0.03	0.17
(2,1441)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	2	0.17	0.03	0.17
(2,1441)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	2	0.17	0.03	0.17
(2,1441)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	2	0.17	0.03	0.17
(2,1441)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	2	0.17	0.03	0.17
(2,1441)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	2	0.17	0.03	0.17
(9,1430)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	2	0.17	0.03	0.17
(9,1430)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	2	0.17	0.03	0.17
(9,1430)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	2	0.17	0.03	0.17
(9,1430)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	2	0.17	0.03	0.17
(9,1430)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	2	0.17	0.03	0.17
(9,1430)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	2	0.17	0.03	0.17
(9,2242)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	2	0.17	0.06	0.17
(9,2242)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	2	0.17	0.06	0.17
(9,2242)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	2	0.17	0.06	0.17
(9,2242)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	2	0.17	0.06	0.17
(9,2242)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	2	0.17	0.06	0.17
(9,2242)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	2	0.17	0.06	0.17
(9,2242)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	2	0.17	0.06	0.17
(9,2242)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	2	0.17	0.06	0.17
(9,2242)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	2	0.17	0.06	0.17
(9,2242)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	2	0.17	0.06	0.17
(9,2242)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	2	0.17	0.06	0.17
(9,2242)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	2	0.17	0.06	0.17
(13,1407)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	2	0.17	0.03	0.17
(13,1407)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	2	0.17	0.03	0.17
(13,1407)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	2	0.17	0.03	0.17
(13,1407)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	2	0.17	0.03	0.17
(13,1407)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	2	0.17	0.03	0.17
(13,1407)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	2	0.17	0.03	0.17
(15,1431)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	2	0.17	0.03	0.17
(15,1431)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	2	0.17	0.03	0.17
(15,1431)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	2	0.17	0.03	0.17
(15,1431)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	2	0.17	0.03	0.17
(15,1431)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	2	0.17	0.03	0.17
(15,1431)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	2	0.17	0.03	0.17
(33,2304)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	2	0.17	0.06	0.17
(33,2304)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	2	0.17	0.06	0.17
(33,2304)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	2	0.17	0.06	0.17
(33,2304)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	2	0.17	0.06	0.17
(33,2304)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	2	0.17	0.06	0.17
(33,2304)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	2	0.17	0.06	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,2304)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	2	0.17	0.06	0.17
(33,2304)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	2	0.17	0.06	0.17
(33,2304)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	2	0.17	0.06	0.17
(33,2304)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	2	0.17	0.06	0.17
(33,2304)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	2	0.17	0.06	0.17
(33,2304)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	2	0.17	0.06	0.17
(34,1449)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	2	0.17	0.03	0.17
(34,1449)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	2	0.17	0.03	0.17
(34,1449)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	2	0.17	0.03	0.17
(34,1449)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	2	0.17	0.03	0.17
(34,1449)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	2	0.17	0.03	0.17
(34,1449)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	2	0.17	0.03	0.17
(1,187)	1:93:A:GLU:H	1:93:A:GLU:HB2	2	0.17	0.02	0.17
(1,187)	1:93:A:GLU:H	1:93:A:GLU:HB3	2	0.17	0.02	0.17
(1,1546)	1:66:A:THR:HG21	1:69:A:MET:HE1	2	0.17	0.02	0.17
(1,1546)	1:66:A:THR:HG21	1:69:A:MET:HE2	2	0.17	0.02	0.17
(1,1546)	1:66:A:THR:HG21	1:69:A:MET:HE3	2	0.17	0.02	0.17
(1,1546)	1:66:A:THR:HG22	1:69:A:MET:HE1	2	0.17	0.02	0.17
(1,1546)	1:66:A:THR:HG22	1:69:A:MET:HE2	2	0.17	0.02	0.17
(1,1546)	1:66:A:THR:HG22	1:69:A:MET:HE3	2	0.17	0.02	0.17
(1,1546)	1:66:A:THR:HG23	1:69:A:MET:HE1	2	0.17	0.02	0.17
(1,1546)	1:66:A:THR:HG23	1:69:A:MET:HE2	2	0.17	0.02	0.17
(1,1546)	1:66:A:THR:HG23	1:69:A:MET:HE3	2	0.17	0.02	0.17
(2,181)	1:93:A:GLU:H	1:93:A:GLU:HB2	2	0.17	0.02	0.17
(2,181)	1:93:A:GLU:H	1:93:A:GLU:HB3	2	0.17	0.02	0.17
(2,936)	1:39:A:VAL:HA	1:140:A:LEU:HD11	2	0.17	0.04	0.17
(2,936)	1:39:A:VAL:HA	1:140:A:LEU:HD12	2	0.17	0.04	0.17
(2,936)	1:39:A:VAL:HA	1:140:A:LEU:HD13	2	0.17	0.04	0.17
(3,181)	1:93:A:GLU:H	1:93:A:GLU:HB2	2	0.17	0.02	0.17
(3,181)	1:93:A:GLU:H	1:93:A:GLU:HB3	2	0.17	0.02	0.17
(4,177)	1:93:A:GLU:H	1:93:A:GLU:HB2	2	0.17	0.02	0.17
(4,177)	1:93:A:GLU:H	1:93:A:GLU:HB3	2	0.17	0.02	0.17
(5,173)	1:93:A:GLU:H	1:93:A:GLU:HB2	2	0.17	0.02	0.17
(5,173)	1:93:A:GLU:H	1:93:A:GLU:HB3	2	0.17	0.02	0.17
(5,1547)	1:66:A:THR:HG21	1:69:A:MET:HE1	2	0.17	0.02	0.17
(5,1547)	1:66:A:THR:HG21	1:69:A:MET:HE2	2	0.17	0.02	0.17
(5,1547)	1:66:A:THR:HG21	1:69:A:MET:HE3	2	0.17	0.02	0.17
(5,1547)	1:66:A:THR:HG22	1:69:A:MET:HE1	2	0.17	0.02	0.17
(5,1547)	1:66:A:THR:HG22	1:69:A:MET:HE2	2	0.17	0.02	0.17
(5,1547)	1:66:A:THR:HG22	1:69:A:MET:HE3	2	0.17	0.02	0.17
(5,1547)	1:66:A:THR:HG23	1:69:A:MET:HE1	2	0.17	0.02	0.17
(5,1547)	1:66:A:THR:HG23	1:69:A:MET:HE2	2	0.17	0.02	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,1547)	1:66:A:THR:HG23	1:69:A:MET:HE3	2	0.17	0.02	0.17
(6,1528)	1:66:A:THR:HG21	1:69:A:MET:HE1	2	0.17	0.02	0.17
(6,1528)	1:66:A:THR:HG21	1:69:A:MET:HE2	2	0.17	0.02	0.17
(6,1528)	1:66:A:THR:HG21	1:69:A:MET:HE3	2	0.17	0.02	0.17
(6,1528)	1:66:A:THR:HG22	1:69:A:MET:HE1	2	0.17	0.02	0.17
(6,1528)	1:66:A:THR:HG22	1:69:A:MET:HE2	2	0.17	0.02	0.17
(6,1528)	1:66:A:THR:HG22	1:69:A:MET:HE3	2	0.17	0.02	0.17
(6,1528)	1:66:A:THR:HG23	1:69:A:MET:HE1	2	0.17	0.02	0.17
(6,1528)	1:66:A:THR:HG23	1:69:A:MET:HE2	2	0.17	0.02	0.17
(6,1528)	1:66:A:THR:HG23	1:69:A:MET:HE3	2	0.17	0.02	0.17
(6,2011)	1:15:A:ALA:H	1:131:A:LEU:HD11	2	0.17	0.02	0.17
(6,2011)	1:15:A:ALA:H	1:131:A:LEU:HD12	2	0.17	0.02	0.17
(6,2011)	1:15:A:ALA:H	1:131:A:LEU:HD13	2	0.17	0.02	0.17
(6,2011)	1:15:A:ALA:H	1:131:A:LEU:HD21	2	0.17	0.02	0.17
(6,2011)	1:15:A:ALA:H	1:131:A:LEU:HD22	2	0.17	0.02	0.17
(6,2011)	1:15:A:ALA:H	1:131:A:LEU:HD23	2	0.17	0.02	0.17
(7,180)	1:93:A:GLU:H	1:93:A:GLU:HB2	2	0.17	0.02	0.17
(7,180)	1:93:A:GLU:H	1:93:A:GLU:HB3	2	0.17	0.02	0.17
(11,179)	1:93:A:GLU:H	1:93:A:GLU:HB2	2	0.17	0.02	0.17
(11,179)	1:93:A:GLU:H	1:93:A:GLU:HB3	2	0.17	0.02	0.17
(15,185)	1:93:A:GLU:H	1:93:A:GLU:HB2	2	0.17	0.02	0.17
(15,185)	1:93:A:GLU:H	1:93:A:GLU:HB3	2	0.17	0.02	0.17
(15,2015)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	2	0.17	0.05	0.17
(15,2015)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	2	0.17	0.05	0.17
(15,2015)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	2	0.17	0.05	0.17
(15,2015)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	2	0.17	0.05	0.17
(15,2015)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	2	0.17	0.05	0.17
(15,2015)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	2	0.17	0.05	0.17
(15,2015)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	2	0.17	0.05	0.17
(15,2015)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	2	0.17	0.05	0.17
(15,2015)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	2	0.17	0.05	0.17
(15,2015)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	2	0.17	0.05	0.17
(15,2015)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	2	0.17	0.05	0.17
(15,2015)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	2	0.17	0.05	0.17
(16,2125)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	2	0.17	0.05	0.17
(16,2125)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	2	0.17	0.05	0.17
(16,2125)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	2	0.17	0.05	0.17
(16,2125)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	2	0.17	0.05	0.17
(16,2125)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	2	0.17	0.05	0.17
(16,2125)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	2	0.17	0.05	0.17
(16,2125)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	2	0.17	0.05	0.17
(16,2125)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	2	0.17	0.05	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,2125)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	2	0.17	0.05	0.17
(16,2125)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	2	0.17	0.05	0.17
(16,2125)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	2	0.17	0.05	0.17
(16,2125)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	2	0.17	0.05	0.17
(18,184)	1:93:A:GLU:H	1:93:A:GLU:HB2	2	0.17	0.02	0.17
(18,184)	1:93:A:GLU:H	1:93:A:GLU:HB3	2	0.17	0.02	0.17
(30,1529)	1:66:A:THR:HG21	1:69:A:MET:HE1	2	0.17	0.02	0.17
(30,1529)	1:66:A:THR:HG21	1:69:A:MET:HE2	2	0.17	0.02	0.17
(30,1529)	1:66:A:THR:HG21	1:69:A:MET:HE3	2	0.17	0.02	0.17
(30,1529)	1:66:A:THR:HG22	1:69:A:MET:HE1	2	0.17	0.02	0.17
(30,1529)	1:66:A:THR:HG22	1:69:A:MET:HE2	2	0.17	0.02	0.17
(30,1529)	1:66:A:THR:HG22	1:69:A:MET:HE3	2	0.17	0.02	0.17
(30,1529)	1:66:A:THR:HG23	1:69:A:MET:HE1	2	0.17	0.02	0.17
(30,1529)	1:66:A:THR:HG23	1:69:A:MET:HE2	2	0.17	0.02	0.17
(30,1529)	1:66:A:THR:HG23	1:69:A:MET:HE3	2	0.17	0.02	0.17
(33,178)	1:93:A:GLU:H	1:93:A:GLU:HB2	2	0.17	0.02	0.17
(33,178)	1:93:A:GLU:H	1:93:A:GLU:HB3	2	0.17	0.02	0.17
(34,186)	1:93:A:GLU:H	1:93:A:GLU:HB2	2	0.17	0.02	0.17
(34,186)	1:93:A:GLU:H	1:93:A:GLU:HB3	2	0.17	0.02	0.17
(2,619)	1:118:A:ASP:HB3	1:120:A:CYS:H	2	0.16	0.02	0.16
(3,625)	1:118:A:ASP:HB3	1:120:A:CYS:H	2	0.16	0.02	0.16
(4,700)	1:23:A:LEU:HD11	1:27:A:ARG:HE	2	0.16	0.06	0.16
(4,700)	1:23:A:LEU:HD12	1:27:A:ARG:HE	2	0.16	0.06	0.16
(4,700)	1:23:A:LEU:HD13	1:27:A:ARG:HE	2	0.16	0.06	0.16
(6,615)	1:118:A:ASP:HB3	1:120:A:CYS:H	2	0.16	0.02	0.16
(7,619)	1:118:A:ASP:HB3	1:120:A:CYS:H	2	0.16	0.02	0.16
(11,2344)	1:107:A:LEU:HD11	1:112:A:GLN:H	2	0.16	0.02	0.16
(11,2344)	1:107:A:LEU:HD12	1:112:A:GLN:H	2	0.16	0.02	0.16
(11,2344)	1:107:A:LEU:HD13	1:112:A:GLN:H	2	0.16	0.02	0.16
(11,2344)	1:107:A:LEU:HD21	1:112:A:GLN:H	2	0.16	0.02	0.16
(11,2344)	1:107:A:LEU:HD22	1:112:A:GLN:H	2	0.16	0.02	0.16
(11,2344)	1:107:A:LEU:HD23	1:112:A:GLN:H	2	0.16	0.02	0.16
(13,616)	1:118:A:ASP:HB3	1:120:A:CYS:H	2	0.16	0.02	0.16
(13,695)	1:23:A:LEU:HD11	1:27:A:ARG:HE	2	0.16	0.06	0.16
(13,695)	1:23:A:LEU:HD12	1:27:A:ARG:HE	2	0.16	0.06	0.16
(13,695)	1:23:A:LEU:HD13	1:27:A:ARG:HE	2	0.16	0.06	0.16
(15,627)	1:118:A:ASP:HB3	1:120:A:CYS:H	2	0.16	0.02	0.16
(17,619)	1:118:A:ASP:HB3	1:120:A:CYS:H	2	0.16	0.02	0.16
(18,633)	1:118:A:ASP:HB3	1:120:A:CYS:H	2	0.16	0.02	0.16
(29,625)	1:118:A:ASP:HB3	1:120:A:CYS:H	2	0.16	0.02	0.16
(29,2363)	1:123:A:CYS:H	1:128:A:LEU:HD11	2	0.16	0.06	0.16
(29,2363)	1:123:A:CYS:H	1:128:A:LEU:HD12	2	0.16	0.06	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(29,2363)	1:123:A:CYS:H	1:128:A:LEU:HD13	2	0.16	0.06	0.16
(29,2363)	1:123:A:CYS:H	1:128:A:LEU:HD21	2	0.16	0.06	0.16
(29,2363)	1:123:A:CYS:H	1:128:A:LEU:HD22	2	0.16	0.06	0.16
(29,2363)	1:123:A:CYS:H	1:128:A:LEU:HD23	2	0.16	0.06	0.16
(30,706)	1:23:A:LEU:HD11	1:27:A:ARG:HE	2	0.16	0.06	0.16
(30,706)	1:23:A:LEU:HD12	1:27:A:ARG:HE	2	0.16	0.06	0.16
(30,706)	1:23:A:LEU:HD13	1:27:A:ARG:HE	2	0.16	0.06	0.16
(32,605)	1:118:A:ASP:HB3	1:120:A:CYS:H	2	0.16	0.02	0.16
(34,2398)	1:123:A:CYS:H	1:128:A:LEU:HD11	2	0.16	0.06	0.16
(34,2398)	1:123:A:CYS:H	1:128:A:LEU:HD12	2	0.16	0.06	0.16
(34,2398)	1:123:A:CYS:H	1:128:A:LEU:HD13	2	0.16	0.06	0.16
(34,2398)	1:123:A:CYS:H	1:128:A:LEU:HD21	2	0.16	0.06	0.16
(34,2398)	1:123:A:CYS:H	1:128:A:LEU:HD22	2	0.16	0.06	0.16
(34,2398)	1:123:A:CYS:H	1:128:A:LEU:HD23	2	0.16	0.06	0.16
(7,1285)	1:123:A:CYS:HB3	1:128:A:LEU:HD11	2	0.16	0.02	0.16
(7,1285)	1:123:A:CYS:HB3	1:128:A:LEU:HD12	2	0.16	0.02	0.16
(7,1285)	1:123:A:CYS:HB3	1:128:A:LEU:HD13	2	0.16	0.02	0.16
(24,4)	1:66:A:THR:OG1	1:69:A:MET:H	2	0.16	0.04	0.16
(33,2316)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	2	0.16	0.04	0.16
(33,2316)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	2	0.16	0.04	0.16
(33,2316)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	2	0.16	0.04	0.16
(33,2316)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	2	0.16	0.04	0.16
(33,2316)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	2	0.16	0.04	0.16
(33,2316)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	2	0.16	0.04	0.16
(1,1765)	1:36:A:PRO:HA	1:37:A:LEU:HG	2	0.16	0.0	0.16
(1,1986)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	2	0.16	0.0	0.16
(1,1986)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	2	0.16	0.0	0.16
(1,1986)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	2	0.16	0.0	0.16
(1,1986)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	2	0.16	0.0	0.16
(1,1986)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	2	0.16	0.0	0.16
(1,1986)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	2	0.16	0.0	0.16
(1,1986)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	2	0.16	0.0	0.16
(1,1986)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	2	0.16	0.0	0.16
(1,1986)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	2	0.16	0.0	0.16
(1,1986)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	2	0.16	0.0	0.16
(1,1986)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	2	0.16	0.0	0.16
(1,1986)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	2	0.16	0.0	0.16
(1,1986)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	2	0.16	0.0	0.16
(1,1986)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	2	0.16	0.0	0.16
(1,1986)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	2	0.16	0.0	0.16
(1,1986)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	2	0.16	0.0	0.16
(1,1986)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	2	0.16	0.0	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1986)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	2	0.16	0.0	0.16
(2,1527)	1:110:A:MET:HE1	1:113:A:PHE:HA	2	0.16	0.01	0.16
(2,1527)	1:110:A:MET:HE2	1:113:A:PHE:HA	2	0.16	0.01	0.16
(2,1527)	1:110:A:MET:HE3	1:113:A:PHE:HA	2	0.16	0.01	0.16
(2,1768)	1:36:A:PRO:HA	1:37:A:LEU:HG	2	0.16	0.0	0.16
(2,1960)	1:9:A:PHE:HD1	1:57:A:LEU:HD11	2	0.16	0.05	0.16
(2,1960)	1:9:A:PHE:HD1	1:57:A:LEU:HD12	2	0.16	0.05	0.16
(2,1960)	1:9:A:PHE:HD1	1:57:A:LEU:HD13	2	0.16	0.05	0.16
(2,1960)	1:9:A:PHE:HD1	1:57:A:LEU:HD21	2	0.16	0.05	0.16
(2,1960)	1:9:A:PHE:HD1	1:57:A:LEU:HD22	2	0.16	0.05	0.16
(2,1960)	1:9:A:PHE:HD1	1:57:A:LEU:HD23	2	0.16	0.05	0.16
(2,1960)	1:9:A:PHE:HD2	1:57:A:LEU:HD11	2	0.16	0.05	0.16
(2,1960)	1:9:A:PHE:HD2	1:57:A:LEU:HD12	2	0.16	0.05	0.16
(2,1960)	1:9:A:PHE:HD2	1:57:A:LEU:HD13	2	0.16	0.05	0.16
(2,1960)	1:9:A:PHE:HD2	1:57:A:LEU:HD21	2	0.16	0.05	0.16
(2,1960)	1:9:A:PHE:HD2	1:57:A:LEU:HD22	2	0.16	0.05	0.16
(2,1960)	1:9:A:PHE:HD2	1:57:A:LEU:HD23	2	0.16	0.05	0.16
(3,1551)	1:110:A:MET:HE1	1:113:A:PHE:HA	2	0.16	0.01	0.16
(3,1551)	1:110:A:MET:HE2	1:113:A:PHE:HA	2	0.16	0.01	0.16
(3,1551)	1:110:A:MET:HE3	1:113:A:PHE:HA	2	0.16	0.01	0.16
(3,1783)	1:36:A:PRO:HA	1:37:A:LEU:HG	2	0.16	0.0	0.16
(4,15)	1:64:A:LYS:H	1:64:A:LYS:HD2	2	0.16	0.05	0.16
(4,15)	1:64:A:LYS:H	1:64:A:LYS:HD3	2	0.16	0.05	0.16
(4,1732)	1:36:A:PRO:HA	1:37:A:LEU:HG	2	0.16	0.0	0.16
(5,277)	1:73:A:ILE:HD11	1:112:A:GLN:H	2	0.16	0.03	0.16
(5,277)	1:73:A:ILE:HD12	1:112:A:GLN:H	2	0.16	0.03	0.16
(5,277)	1:73:A:ILE:HD13	1:112:A:GLN:H	2	0.16	0.03	0.16
(5,1256)	1:40:A:LEU:HA	1:40:A:LEU:HD11	2	0.16	0.02	0.16
(5,1256)	1:40:A:LEU:HA	1:40:A:LEU:HD12	2	0.16	0.02	0.16
(5,1256)	1:40:A:LEU:HA	1:40:A:LEU:HD13	2	0.16	0.02	0.16
(5,1477)	1:13:A:ALA:HB1	1:61:A:SER:HA	2	0.16	0.02	0.16
(5,1477)	1:13:A:ALA:HB2	1:61:A:SER:HA	2	0.16	0.02	0.16
(5,1477)	1:13:A:ALA:HB3	1:61:A:SER:HA	2	0.16	0.02	0.16
(5,1776)	1:36:A:PRO:HA	1:37:A:LEU:HG	2	0.16	0.0	0.16
(5,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD11	2	0.16	0.05	0.16
(5,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD12	2	0.16	0.05	0.16
(5,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD13	2	0.16	0.05	0.16
(5,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD21	2	0.16	0.05	0.16
(5,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD22	2	0.16	0.05	0.16
(5,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD23	2	0.16	0.05	0.16
(5,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD11	2	0.16	0.05	0.16
(5,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD12	2	0.16	0.05	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD13	2	0.16	0.05	0.16
(5,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD21	2	0.16	0.05	0.16
(5,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD22	2	0.16	0.05	0.16
(5,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD23	2	0.16	0.05	0.16
(6,1756)	1:36:A:PRO:HA	1:37:A:LEU:HG	2	0.16	0.0	0.16
(7,13)	1:64:A:LYS:H	1:64:A:LYS:HD2	2	0.16	0.05	0.16
(7,13)	1:64:A:LYS:H	1:64:A:LYS:HD3	2	0.16	0.05	0.16
(7,1716)	1:36:A:PRO:HA	1:37:A:LEU:HG	2	0.16	0.0	0.16
(9,1522)	1:110:A:MET:HE1	1:113:A:PHE:HA	2	0.16	0.01	0.16
(9,1522)	1:110:A:MET:HE2	1:113:A:PHE:HA	2	0.16	0.01	0.16
(9,1522)	1:110:A:MET:HE3	1:113:A:PHE:HA	2	0.16	0.01	0.16
(9,1923)	1:9:A:PHE:HD1	1:57:A:LEU:HD11	2	0.16	0.05	0.16
(9,1923)	1:9:A:PHE:HD1	1:57:A:LEU:HD12	2	0.16	0.05	0.16
(9,1923)	1:9:A:PHE:HD1	1:57:A:LEU:HD13	2	0.16	0.05	0.16
(9,1923)	1:9:A:PHE:HD1	1:57:A:LEU:HD21	2	0.16	0.05	0.16
(9,1923)	1:9:A:PHE:HD1	1:57:A:LEU:HD22	2	0.16	0.05	0.16
(9,1923)	1:9:A:PHE:HD1	1:57:A:LEU:HD23	2	0.16	0.05	0.16
(9,1923)	1:9:A:PHE:HD2	1:57:A:LEU:HD11	2	0.16	0.05	0.16
(9,1923)	1:9:A:PHE:HD2	1:57:A:LEU:HD12	2	0.16	0.05	0.16
(9,1923)	1:9:A:PHE:HD2	1:57:A:LEU:HD13	2	0.16	0.05	0.16
(9,1923)	1:9:A:PHE:HD2	1:57:A:LEU:HD21	2	0.16	0.05	0.16
(9,1923)	1:9:A:PHE:HD2	1:57:A:LEU:HD22	2	0.16	0.05	0.16
(9,1923)	1:9:A:PHE:HD2	1:57:A:LEU:HD23	2	0.16	0.05	0.16
(11,17)	1:64:A:LYS:H	1:64:A:LYS:HD2	2	0.16	0.05	0.16
(11,17)	1:64:A:LYS:H	1:64:A:LYS:HD3	2	0.16	0.05	0.16
(11,1785)	1:36:A:PRO:HA	1:37:A:LEU:HG	2	0.16	0.0	0.16
(11,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD11	2	0.16	0.05	0.16
(11,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD12	2	0.16	0.05	0.16
(11,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD13	2	0.16	0.05	0.16
(11,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD21	2	0.16	0.05	0.16
(11,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD22	2	0.16	0.05	0.16
(11,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD23	2	0.16	0.05	0.16
(11,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD11	2	0.16	0.05	0.16
(11,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD12	2	0.16	0.05	0.16
(11,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD13	2	0.16	0.05	0.16
(11,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD21	2	0.16	0.05	0.16
(11,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD22	2	0.16	0.05	0.16
(11,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD23	2	0.16	0.05	0.16
(13,1498)	1:110:A:MET:HE1	1:113:A:PHE:HA	2	0.16	0.01	0.16
(13,1498)	1:110:A:MET:HE2	1:113:A:PHE:HA	2	0.16	0.01	0.16
(13,1498)	1:110:A:MET:HE3	1:113:A:PHE:HA	2	0.16	0.01	0.16
(13,1716)	1:36:A:PRO:HA	1:37:A:LEU:HG	2	0.16	0.0	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(15,16)	1:64:A:LYS:H	1:64:A:LYS:HD2	2	0.16	0.05	0.16
(15,16)	1:64:A:LYS:H	1:64:A:LYS:HD3	2	0.16	0.05	0.16
(15,1740)	1:36:A:PRO:HA	1:37:A:LEU:HG	2	0.16	0.0	0.16
(15,1910)	1:9:A:PHE:HD1	1:57:A:LEU:HD11	2	0.16	0.05	0.16
(15,1910)	1:9:A:PHE:HD1	1:57:A:LEU:HD12	2	0.16	0.05	0.16
(15,1910)	1:9:A:PHE:HD1	1:57:A:LEU:HD13	2	0.16	0.05	0.16
(15,1910)	1:9:A:PHE:HD1	1:57:A:LEU:HD21	2	0.16	0.05	0.16
(15,1910)	1:9:A:PHE:HD1	1:57:A:LEU:HD22	2	0.16	0.05	0.16
(15,1910)	1:9:A:PHE:HD1	1:57:A:LEU:HD23	2	0.16	0.05	0.16
(15,1910)	1:9:A:PHE:HD2	1:57:A:LEU:HD11	2	0.16	0.05	0.16
(15,1910)	1:9:A:PHE:HD2	1:57:A:LEU:HD12	2	0.16	0.05	0.16
(15,1910)	1:9:A:PHE:HD2	1:57:A:LEU:HD13	2	0.16	0.05	0.16
(15,1910)	1:9:A:PHE:HD2	1:57:A:LEU:HD21	2	0.16	0.05	0.16
(15,1910)	1:9:A:PHE:HD2	1:57:A:LEU:HD22	2	0.16	0.05	0.16
(15,1910)	1:9:A:PHE:HD2	1:57:A:LEU:HD23	2	0.16	0.05	0.16
(16,1524)	1:110:A:MET:HE1	1:113:A:PHE:HA	2	0.16	0.01	0.16
(16,1524)	1:110:A:MET:HE2	1:113:A:PHE:HA	2	0.16	0.01	0.16
(16,1524)	1:110:A:MET:HE3	1:113:A:PHE:HA	2	0.16	0.01	0.16
(16,1744)	1:36:A:PRO:HA	1:37:A:LEU:HG	2	0.16	0.0	0.16
(16,1916)	1:9:A:PHE:HD1	1:57:A:LEU:HD11	2	0.16	0.05	0.16
(16,1916)	1:9:A:PHE:HD1	1:57:A:LEU:HD12	2	0.16	0.05	0.16
(16,1916)	1:9:A:PHE:HD1	1:57:A:LEU:HD13	2	0.16	0.05	0.16
(16,1916)	1:9:A:PHE:HD1	1:57:A:LEU:HD21	2	0.16	0.05	0.16
(16,1916)	1:9:A:PHE:HD1	1:57:A:LEU:HD22	2	0.16	0.05	0.16
(16,1916)	1:9:A:PHE:HD1	1:57:A:LEU:HD23	2	0.16	0.05	0.16
(16,1916)	1:9:A:PHE:HD2	1:57:A:LEU:HD11	2	0.16	0.05	0.16
(16,1916)	1:9:A:PHE:HD2	1:57:A:LEU:HD12	2	0.16	0.05	0.16
(16,1916)	1:9:A:PHE:HD2	1:57:A:LEU:HD13	2	0.16	0.05	0.16
(16,1916)	1:9:A:PHE:HD2	1:57:A:LEU:HD21	2	0.16	0.05	0.16
(16,1916)	1:9:A:PHE:HD2	1:57:A:LEU:HD22	2	0.16	0.05	0.16
(16,1916)	1:9:A:PHE:HD2	1:57:A:LEU:HD23	2	0.16	0.05	0.16
(17,1546)	1:110:A:MET:HE1	1:113:A:PHE:HA	2	0.16	0.01	0.16
(17,1546)	1:110:A:MET:HE2	1:113:A:PHE:HA	2	0.16	0.01	0.16
(17,1546)	1:110:A:MET:HE3	1:113:A:PHE:HA	2	0.16	0.01	0.16
(17,1767)	1:36:A:PRO:HA	1:37:A:LEU:HG	2	0.16	0.0	0.16
(18,952)	1:14:A:VAL:HA	1:17:A:ASN:HD22	2	0.16	0.01	0.16
(18,1271)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	2	0.16	0.0	0.16
(18,1271)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	2	0.16	0.0	0.16
(18,1271)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	2	0.16	0.0	0.16
(18,1271)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	2	0.16	0.0	0.16
(18,1271)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	2	0.16	0.0	0.16
(18,1271)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	2	0.16	0.0	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,1734)	1:36:A:PRO:HA	1:37:A:LEU:HG	2	0.16	0.0	0.16
(29,1772)	1:36:A:PRO:HA	1:37:A:LEU:HG	2	0.16	0.0	0.16
(32,14)	1:64:A:LYS:H	1:64:A:LYS:HD2	2	0.16	0.05	0.16
(32,14)	1:64:A:LYS:H	1:64:A:LYS:HD3	2	0.16	0.05	0.16
(32,1413)	1:47:A:ALA:HA	1:50:A:ALA:HB1	2	0.16	0.01	0.16
(32,1413)	1:47:A:ALA:HA	1:50:A:ALA:HB2	2	0.16	0.01	0.16
(32,1413)	1:47:A:ALA:HA	1:50:A:ALA:HB3	2	0.16	0.01	0.16
(32,1711)	1:36:A:PRO:HA	1:37:A:LEU:HG	2	0.16	0.0	0.16
(32,1893)	1:9:A:PHE:HD1	1:57:A:LEU:HD11	2	0.16	0.05	0.16
(32,1893)	1:9:A:PHE:HD1	1:57:A:LEU:HD12	2	0.16	0.05	0.16
(32,1893)	1:9:A:PHE:HD1	1:57:A:LEU:HD13	2	0.16	0.05	0.16
(32,1893)	1:9:A:PHE:HD1	1:57:A:LEU:HD21	2	0.16	0.05	0.16
(32,1893)	1:9:A:PHE:HD1	1:57:A:LEU:HD22	2	0.16	0.05	0.16
(32,1893)	1:9:A:PHE:HD1	1:57:A:LEU:HD23	2	0.16	0.05	0.16
(32,1893)	1:9:A:PHE:HD2	1:57:A:LEU:HD11	2	0.16	0.05	0.16
(32,1893)	1:9:A:PHE:HD2	1:57:A:LEU:HD12	2	0.16	0.05	0.16
(32,1893)	1:9:A:PHE:HD2	1:57:A:LEU:HD13	2	0.16	0.05	0.16
(32,1893)	1:9:A:PHE:HD2	1:57:A:LEU:HD21	2	0.16	0.05	0.16
(32,1893)	1:9:A:PHE:HD2	1:57:A:LEU:HD22	2	0.16	0.05	0.16
(32,1893)	1:9:A:PHE:HD2	1:57:A:LEU:HD23	2	0.16	0.05	0.16
(33,18)	1:64:A:LYS:H	1:64:A:LYS:HD2	2	0.16	0.05	0.16
(33,18)	1:64:A:LYS:H	1:64:A:LYS:HD3	2	0.16	0.05	0.16
(33,1746)	1:36:A:PRO:HA	1:37:A:LEU:HG	2	0.16	0.0	0.16
(34,1540)	1:110:A:MET:HE1	1:113:A:PHE:HA	2	0.16	0.01	0.16
(34,1540)	1:110:A:MET:HE2	1:113:A:PHE:HA	2	0.16	0.01	0.16
(34,1540)	1:110:A:MET:HE3	1:113:A:PHE:HA	2	0.16	0.01	0.16
(34,1762)	1:36:A:PRO:HA	1:37:A:LEU:HG	2	0.16	0.0	0.16
(15,2092)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	2	0.16	0.02	0.16
(15,2092)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	2	0.16	0.02	0.16
(15,2092)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	2	0.16	0.02	0.16
(15,2092)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	2	0.16	0.02	0.16
(15,2092)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	2	0.16	0.02	0.16
(15,2092)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	2	0.16	0.02	0.16
(1,863)	1:49:A:LYS:HA	1:49:A:LYS:HE2	2	0.16	0.01	0.16
(1,863)	1:49:A:LYS:HA	1:49:A:LYS:HE3	2	0.16	0.01	0.16
(1,895)	1:138:A:ASP:HB2	1:141:A:LYS:HB2	2	0.16	0.04	0.16
(1,895)	1:138:A:ASP:HB2	1:141:A:LYS:HB3	2	0.16	0.04	0.16
(1,895)	1:138:A:ASP:HB3	1:141:A:LYS:HB2	2	0.16	0.04	0.16
(1,895)	1:138:A:ASP:HB3	1:141:A:LYS:HB3	2	0.16	0.04	0.16
(1,1358)	1:121:A:VAL:H	1:121:A:VAL:HG11	2	0.16	0.01	0.16
(1,1358)	1:121:A:VAL:H	1:121:A:VAL:HG12	2	0.16	0.01	0.16
(1,1358)	1:121:A:VAL:H	1:121:A:VAL:HG13	2	0.16	0.01	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,843)	1:49:A:LYS:HA	1:49:A:LYS:HE2	2	0.16	0.01	0.16
(2,843)	1:49:A:LYS:HA	1:49:A:LYS:HE3	2	0.16	0.01	0.16
(2,1361)	1:121:A:VAL:H	1:121:A:VAL:HG11	2	0.16	0.01	0.16
(2,1361)	1:121:A:VAL:H	1:121:A:VAL:HG12	2	0.16	0.01	0.16
(2,1361)	1:121:A:VAL:H	1:121:A:VAL:HG13	2	0.16	0.01	0.16
(2,2258)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(2,2258)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(2,2258)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(2,2258)	1:66:A:THR:HG21	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(2,2258)	1:66:A:THR:HG21	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(2,2258)	1:66:A:THR:HG21	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(2,2258)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(2,2258)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(2,2258)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(2,2258)	1:66:A:THR:HG22	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(2,2258)	1:66:A:THR:HG22	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(2,2258)	1:66:A:THR:HG22	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(2,2258)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(2,2258)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(2,2258)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(2,2258)	1:66:A:THR:HG23	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(2,2258)	1:66:A:THR:HG23	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(2,2258)	1:66:A:THR:HG23	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(3,865)	1:49:A:LYS:HA	1:49:A:LYS:HE2	2	0.16	0.01	0.16
(3,865)	1:49:A:LYS:HA	1:49:A:LYS:HE3	2	0.16	0.01	0.16
(3,1383)	1:121:A:VAL:H	1:121:A:VAL:HG11	2	0.16	0.01	0.16
(3,1383)	1:121:A:VAL:H	1:121:A:VAL:HG12	2	0.16	0.01	0.16
(3,1383)	1:121:A:VAL:H	1:121:A:VAL:HG13	2	0.16	0.01	0.16
(4,845)	1:49:A:LYS:HA	1:49:A:LYS:HE2	2	0.16	0.01	0.16
(4,845)	1:49:A:LYS:HA	1:49:A:LYS:HE3	2	0.16	0.01	0.16
(4,1339)	1:121:A:VAL:H	1:121:A:VAL:HG11	2	0.16	0.01	0.16
(4,1339)	1:121:A:VAL:H	1:121:A:VAL:HG12	2	0.16	0.01	0.16
(4,1339)	1:121:A:VAL:H	1:121:A:VAL:HG13	2	0.16	0.01	0.16
(4,2227)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(4,2227)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(4,2227)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(4,2227)	1:66:A:THR:HG21	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(4,2227)	1:66:A:THR:HG21	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(4,2227)	1:66:A:THR:HG21	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(4,2227)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(4,2227)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(4,2227)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.16	0.05	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,2227)	1:66:A:THR:HG22	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(4,2227)	1:66:A:THR:HG22	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(4,2227)	1:66:A:THR:HG22	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(4,2227)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(4,2227)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(4,2227)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(4,2227)	1:66:A:THR:HG23	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(4,2227)	1:66:A:THR:HG23	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(4,2227)	1:66:A:THR:HG23	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(5,846)	1:49:A:LYS:HA	1:49:A:LYS:HE2	2	0.16	0.01	0.16
(5,846)	1:49:A:LYS:HA	1:49:A:LYS:HE3	2	0.16	0.01	0.16
(5,1373)	1:121:A:VAL:H	1:121:A:VAL:HG11	2	0.16	0.01	0.16
(5,1373)	1:121:A:VAL:H	1:121:A:VAL:HG12	2	0.16	0.01	0.16
(5,1373)	1:121:A:VAL:H	1:121:A:VAL:HG13	2	0.16	0.01	0.16
(5,2374)	1:121:A:VAL:H	1:122:A:ASP:HB2	2	0.16	0.04	0.16
(5,2374)	1:121:A:VAL:H	1:122:A:ASP:HB3	2	0.16	0.04	0.16
(6,839)	1:49:A:LYS:HA	1:49:A:LYS:HE2	2	0.16	0.01	0.16
(6,839)	1:49:A:LYS:HA	1:49:A:LYS:HE3	2	0.16	0.01	0.16
(6,1353)	1:121:A:VAL:H	1:121:A:VAL:HG11	2	0.16	0.01	0.16
(6,1353)	1:121:A:VAL:H	1:121:A:VAL:HG12	2	0.16	0.01	0.16
(6,1353)	1:121:A:VAL:H	1:121:A:VAL:HG13	2	0.16	0.01	0.16
(7,838)	1:49:A:LYS:HA	1:49:A:LYS:HE2	2	0.16	0.01	0.16
(7,838)	1:49:A:LYS:HA	1:49:A:LYS:HE3	2	0.16	0.01	0.16
(7,1338)	1:121:A:VAL:H	1:121:A:VAL:HG11	2	0.16	0.01	0.16
(7,1338)	1:121:A:VAL:H	1:121:A:VAL:HG12	2	0.16	0.01	0.16
(7,1338)	1:121:A:VAL:H	1:121:A:VAL:HG13	2	0.16	0.01	0.16
(7,1686)	1:19:A:ALA:HB1	1:20:A:THR:HG21	2	0.16	0.01	0.16
(7,1686)	1:19:A:ALA:HB1	1:20:A:THR:HG22	2	0.16	0.01	0.16
(7,1686)	1:19:A:ALA:HB1	1:20:A:THR:HG23	2	0.16	0.01	0.16
(7,1686)	1:19:A:ALA:HB2	1:20:A:THR:HG21	2	0.16	0.01	0.16
(7,1686)	1:19:A:ALA:HB2	1:20:A:THR:HG22	2	0.16	0.01	0.16
(7,1686)	1:19:A:ALA:HB2	1:20:A:THR:HG23	2	0.16	0.01	0.16
(7,1686)	1:19:A:ALA:HB3	1:20:A:THR:HG21	2	0.16	0.01	0.16
(7,1686)	1:19:A:ALA:HB3	1:20:A:THR:HG22	2	0.16	0.01	0.16
(7,1686)	1:19:A:ALA:HB3	1:20:A:THR:HG23	2	0.16	0.01	0.16
(7,2220)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(7,2220)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(7,2220)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(7,2220)	1:66:A:THR:HG21	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(7,2220)	1:66:A:THR:HG21	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(7,2220)	1:66:A:THR:HG21	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(7,2220)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.16	0.05	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(7,2220)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(7,2220)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(7,2220)	1:66:A:THR:HG22	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(7,2220)	1:66:A:THR:HG22	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(7,2220)	1:66:A:THR:HG22	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(7,2220)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(7,2220)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(7,2220)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(7,2220)	1:66:A:THR:HG23	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(7,2220)	1:66:A:THR:HG23	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(7,2220)	1:66:A:THR:HG23	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(9,844)	1:49:A:LYS:HA	1:49:A:LYS:HE2	2	0.16	0.01	0.16
(9,844)	1:49:A:LYS:HA	1:49:A:LYS:HE3	2	0.16	0.01	0.16
(9,1114)	1:41:A:LYS:HA	1:41:A:LYS:HG3	2	0.16	0.01	0.16
(9,1351)	1:121:A:VAL:H	1:121:A:VAL:HG11	2	0.16	0.01	0.16
(9,1351)	1:121:A:VAL:H	1:121:A:VAL:HG12	2	0.16	0.01	0.16
(9,1351)	1:121:A:VAL:H	1:121:A:VAL:HG13	2	0.16	0.01	0.16
(9,2190)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(9,2190)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(9,2190)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(9,2190)	1:66:A:THR:HG21	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(9,2190)	1:66:A:THR:HG21	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(9,2190)	1:66:A:THR:HG21	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(9,2190)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(9,2190)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(9,2190)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(9,2190)	1:66:A:THR:HG22	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(9,2190)	1:66:A:THR:HG22	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(9,2190)	1:66:A:THR:HG22	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(9,2190)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(9,2190)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(9,2190)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(9,2190)	1:66:A:THR:HG23	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(9,2190)	1:66:A:THR:HG23	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(9,2190)	1:66:A:THR:HG23	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(11,846)	1:49:A:LYS:HA	1:49:A:LYS:HE2	2	0.16	0.01	0.16
(11,846)	1:49:A:LYS:HA	1:49:A:LYS:HE3	2	0.16	0.01	0.16
(11,2241)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(11,2241)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(11,2241)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(11,2241)	1:66:A:THR:HG21	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(11,2241)	1:66:A:THR:HG21	1:96:A:VAL:HG22	2	0.16	0.05	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,2241)	1:66:A:THR:HG21	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(11,2241)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(11,2241)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(11,2241)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(11,2241)	1:66:A:THR:HG22	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(11,2241)	1:66:A:THR:HG22	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(11,2241)	1:66:A:THR:HG22	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(11,2241)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(11,2241)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(11,2241)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(11,2241)	1:66:A:THR:HG23	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(11,2241)	1:66:A:THR:HG23	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(11,2241)	1:66:A:THR:HG23	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(13,832)	1:49:A:LYS:HA	1:49:A:LYS:HE2	2	0.16	0.01	0.16
(13,832)	1:49:A:LYS:HA	1:49:A:LYS:HE3	2	0.16	0.01	0.16
(13,865)	1:138:A:ASP:HB2	1:141:A:LYS:HB2	2	0.16	0.04	0.16
(13,865)	1:138:A:ASP:HB2	1:141:A:LYS:HB3	2	0.16	0.04	0.16
(13,865)	1:138:A:ASP:HB3	1:141:A:LYS:HB2	2	0.16	0.04	0.16
(13,865)	1:138:A:ASP:HB3	1:141:A:LYS:HB3	2	0.16	0.04	0.16
(13,1330)	1:121:A:VAL:H	1:121:A:VAL:HG11	2	0.16	0.01	0.16
(13,1330)	1:121:A:VAL:H	1:121:A:VAL:HG12	2	0.16	0.01	0.16
(13,1330)	1:121:A:VAL:H	1:121:A:VAL:HG13	2	0.16	0.01	0.16
(13,1689)	1:19:A:ALA:HB1	1:20:A:THR:HG21	2	0.16	0.01	0.16
(13,1689)	1:19:A:ALA:HB1	1:20:A:THR:HG22	2	0.16	0.01	0.16
(13,1689)	1:19:A:ALA:HB1	1:20:A:THR:HG23	2	0.16	0.01	0.16
(13,1689)	1:19:A:ALA:HB2	1:20:A:THR:HG21	2	0.16	0.01	0.16
(13,1689)	1:19:A:ALA:HB2	1:20:A:THR:HG22	2	0.16	0.01	0.16
(13,1689)	1:19:A:ALA:HB2	1:20:A:THR:HG23	2	0.16	0.01	0.16
(13,1689)	1:19:A:ALA:HB3	1:20:A:THR:HG21	2	0.16	0.01	0.16
(13,1689)	1:19:A:ALA:HB3	1:20:A:THR:HG22	2	0.16	0.01	0.16
(13,1689)	1:19:A:ALA:HB3	1:20:A:THR:HG23	2	0.16	0.01	0.16
(13,1830)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	2	0.16	0.04	0.16
(13,1830)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	2	0.16	0.04	0.16
(13,1830)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	2	0.16	0.04	0.16
(13,1830)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	2	0.16	0.04	0.16
(13,1830)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	2	0.16	0.04	0.16
(13,1830)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	2	0.16	0.04	0.16
(13,2204)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(13,2204)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(13,2204)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(13,2204)	1:66:A:THR:HG21	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(13,2204)	1:66:A:THR:HG21	1:96:A:VAL:HG22	2	0.16	0.05	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(13,2204)	1:66:A:THR:HG21	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(13,2204)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(13,2204)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(13,2204)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(13,2204)	1:66:A:THR:HG22	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(13,2204)	1:66:A:THR:HG22	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(13,2204)	1:66:A:THR:HG22	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(13,2204)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(13,2204)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(13,2204)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(13,2204)	1:66:A:THR:HG23	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(13,2204)	1:66:A:THR:HG23	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(13,2204)	1:66:A:THR:HG23	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(15,849)	1:49:A:LYS:HA	1:49:A:LYS:HE2	2	0.16	0.01	0.16
(15,849)	1:49:A:LYS:HA	1:49:A:LYS:HE3	2	0.16	0.01	0.16
(15,1356)	1:121:A:VAL:H	1:121:A:VAL:HG11	2	0.16	0.01	0.16
(15,1356)	1:121:A:VAL:H	1:121:A:VAL:HG12	2	0.16	0.01	0.16
(15,1356)	1:121:A:VAL:H	1:121:A:VAL:HG13	2	0.16	0.01	0.16
(15,2216)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(15,2216)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(15,2216)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(15,2216)	1:66:A:THR:HG21	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(15,2216)	1:66:A:THR:HG21	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(15,2216)	1:66:A:THR:HG21	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(15,2216)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(15,2216)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(15,2216)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(15,2216)	1:66:A:THR:HG22	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(15,2216)	1:66:A:THR:HG22	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(15,2216)	1:66:A:THR:HG22	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(15,2216)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(15,2216)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(15,2216)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(15,2216)	1:66:A:THR:HG23	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(15,2216)	1:66:A:THR:HG23	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(15,2216)	1:66:A:THR:HG23	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(16,856)	1:49:A:LYS:HA	1:49:A:LYS:HE2	2	0.16	0.01	0.16
(16,856)	1:49:A:LYS:HA	1:49:A:LYS:HE3	2	0.16	0.01	0.16
(16,1714)	1:19:A:ALA:HB1	1:20:A:THR:HG21	2	0.16	0.01	0.16
(16,1714)	1:19:A:ALA:HB1	1:20:A:THR:HG22	2	0.16	0.01	0.16
(16,1714)	1:19:A:ALA:HB1	1:20:A:THR:HG23	2	0.16	0.01	0.16
(16,1714)	1:19:A:ALA:HB2	1:20:A:THR:HG21	2	0.16	0.01	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1714)	1:19:A:ALA:HB2	1:20:A:THR:HG22	2	0.16	0.01	0.16
(16,1714)	1:19:A:ALA:HB2	1:20:A:THR:HG23	2	0.16	0.01	0.16
(16,1714)	1:19:A:ALA:HB3	1:20:A:THR:HG21	2	0.16	0.01	0.16
(16,1714)	1:19:A:ALA:HB3	1:20:A:THR:HG22	2	0.16	0.01	0.16
(16,1714)	1:19:A:ALA:HB3	1:20:A:THR:HG23	2	0.16	0.01	0.16
(16,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(16,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(16,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(16,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(16,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(16,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(16,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(16,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(16,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(16,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(16,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(16,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(16,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(16,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(16,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(16,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(16,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(16,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(17,855)	1:49:A:LYS:HA	1:49:A:LYS:HE2	2	0.16	0.01	0.16
(17,855)	1:49:A:LYS:HA	1:49:A:LYS:HE3	2	0.16	0.01	0.16
(17,1123)	1:41:A:LYS:HA	1:41:A:LYS:HG3	2	0.16	0.01	0.16
(17,1371)	1:121:A:VAL:H	1:121:A:VAL:HG11	2	0.16	0.01	0.16
(17,1371)	1:121:A:VAL:H	1:121:A:VAL:HG12	2	0.16	0.01	0.16
(17,1371)	1:121:A:VAL:H	1:121:A:VAL:HG13	2	0.16	0.01	0.16
(17,1736)	1:19:A:ALA:HB1	1:20:A:THR:HG21	2	0.16	0.01	0.16
(17,1736)	1:19:A:ALA:HB1	1:20:A:THR:HG22	2	0.16	0.01	0.16
(17,1736)	1:19:A:ALA:HB1	1:20:A:THR:HG23	2	0.16	0.01	0.16
(17,1736)	1:19:A:ALA:HB2	1:20:A:THR:HG21	2	0.16	0.01	0.16
(17,1736)	1:19:A:ALA:HB2	1:20:A:THR:HG22	2	0.16	0.01	0.16
(17,1736)	1:19:A:ALA:HB2	1:20:A:THR:HG23	2	0.16	0.01	0.16
(17,1736)	1:19:A:ALA:HB3	1:20:A:THR:HG21	2	0.16	0.01	0.16
(17,1736)	1:19:A:ALA:HB3	1:20:A:THR:HG22	2	0.16	0.01	0.16
(17,1736)	1:19:A:ALA:HB3	1:20:A:THR:HG23	2	0.16	0.01	0.16
(18,855)	1:49:A:LYS:HA	1:49:A:LYS:HE2	2	0.16	0.01	0.16
(18,855)	1:49:A:LYS:HA	1:49:A:LYS:HE3	2	0.16	0.01	0.16
(18,1348)	1:121:A:VAL:H	1:121:A:VAL:HG11	2	0.16	0.01	0.16
(18,1348)	1:121:A:VAL:H	1:121:A:VAL:HG12	2	0.16	0.01	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,1348)	1:121:A:VAL:H	1:121:A:VAL:HG13	2	0.16	0.01	0.16
(18,2245)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(18,2245)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(18,2245)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(18,2245)	1:66:A:THR:HG21	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(18,2245)	1:66:A:THR:HG21	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(18,2245)	1:66:A:THR:HG21	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(18,2245)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(18,2245)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(18,2245)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(18,2245)	1:66:A:THR:HG22	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(18,2245)	1:66:A:THR:HG22	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(18,2245)	1:66:A:THR:HG22	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(18,2245)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(18,2245)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(18,2245)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(18,2245)	1:66:A:THR:HG23	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(18,2245)	1:66:A:THR:HG23	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(18,2245)	1:66:A:THR:HG23	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(29,858)	1:49:A:LYS:HA	1:49:A:LYS:HE2	2	0.16	0.01	0.16
(29,858)	1:49:A:LYS:HA	1:49:A:LYS:HE3	2	0.16	0.01	0.16
(29,1362)	1:121:A:VAL:H	1:121:A:VAL:HG11	2	0.16	0.01	0.16
(29,1362)	1:121:A:VAL:H	1:121:A:VAL:HG12	2	0.16	0.01	0.16
(29,1362)	1:121:A:VAL:H	1:121:A:VAL:HG13	2	0.16	0.01	0.16
(29,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(29,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(29,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(29,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(29,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(29,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(29,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(29,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(29,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(29,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(29,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(29,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(29,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(29,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(29,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(29,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(29,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(29,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG23	2	0.16	0.05	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,1353)	1:121:A:VAL:H	1:121:A:VAL:HG11	2	0.16	0.01	0.16
(30,1353)	1:121:A:VAL:H	1:121:A:VAL:HG12	2	0.16	0.01	0.16
(30,1353)	1:121:A:VAL:H	1:121:A:VAL:HG13	2	0.16	0.01	0.16
(30,1728)	1:19:A:ALA:HB1	1:20:A:THR:HG21	2	0.16	0.01	0.16
(30,1728)	1:19:A:ALA:HB1	1:20:A:THR:HG22	2	0.16	0.01	0.16
(30,1728)	1:19:A:ALA:HB1	1:20:A:THR:HG23	2	0.16	0.01	0.16
(30,1728)	1:19:A:ALA:HB2	1:20:A:THR:HG21	2	0.16	0.01	0.16
(30,1728)	1:19:A:ALA:HB2	1:20:A:THR:HG22	2	0.16	0.01	0.16
(30,1728)	1:19:A:ALA:HB2	1:20:A:THR:HG23	2	0.16	0.01	0.16
(30,1728)	1:19:A:ALA:HB3	1:20:A:THR:HG21	2	0.16	0.01	0.16
(30,1728)	1:19:A:ALA:HB3	1:20:A:THR:HG22	2	0.16	0.01	0.16
(30,1728)	1:19:A:ALA:HB3	1:20:A:THR:HG23	2	0.16	0.01	0.16
(30,2238)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(30,2238)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(30,2238)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(30,2238)	1:66:A:THR:HG21	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(30,2238)	1:66:A:THR:HG21	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(30,2238)	1:66:A:THR:HG21	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(30,2238)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(30,2238)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(30,2238)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(30,2238)	1:66:A:THR:HG22	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(30,2238)	1:66:A:THR:HG22	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(30,2238)	1:66:A:THR:HG22	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(30,2238)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.16	0.05	0.16
(30,2238)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.16	0.05	0.16
(30,2238)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.16	0.05	0.16
(30,2238)	1:66:A:THR:HG23	1:96:A:VAL:HG21	2	0.16	0.05	0.16
(30,2238)	1:66:A:THR:HG23	1:96:A:VAL:HG22	2	0.16	0.05	0.16
(30,2238)	1:66:A:THR:HG23	1:96:A:VAL:HG23	2	0.16	0.05	0.16
(32,826)	1:49:A:LYS:HA	1:49:A:LYS:HE2	2	0.16	0.01	0.16
(32,826)	1:49:A:LYS:HA	1:49:A:LYS:HE3	2	0.16	0.01	0.16
(32,1324)	1:121:A:VAL:H	1:121:A:VAL:HG11	2	0.16	0.01	0.16
(32,1324)	1:121:A:VAL:H	1:121:A:VAL:HG12	2	0.16	0.01	0.16
(32,1324)	1:121:A:VAL:H	1:121:A:VAL:HG13	2	0.16	0.01	0.16
(32,1678)	1:19:A:ALA:HB1	1:20:A:THR:HG21	2	0.16	0.01	0.16
(32,1678)	1:19:A:ALA:HB1	1:20:A:THR:HG22	2	0.16	0.01	0.16
(32,1678)	1:19:A:ALA:HB1	1:20:A:THR:HG23	2	0.16	0.01	0.16
(32,1678)	1:19:A:ALA:HB2	1:20:A:THR:HG21	2	0.16	0.01	0.16
(32,1678)	1:19:A:ALA:HB2	1:20:A:THR:HG22	2	0.16	0.01	0.16
(32,1678)	1:19:A:ALA:HB2	1:20:A:THR:HG23	2	0.16	0.01	0.16
(32,1678)	1:19:A:ALA:HB3	1:20:A:THR:HG21	2	0.16	0.01	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(32,1678)	1:19:A:ALA:HB3	1:20:A:THR:HG22	2	0.16	0.01	0.16
(32,1678)	1:19:A:ALA:HB3	1:20:A:THR:HG23	2	0.16	0.01	0.16
(33,852)	1:49:A:LYS:HA	1:49:A:LYS:HE2	2	0.16	0.01	0.16
(33,852)	1:49:A:LYS:HA	1:49:A:LYS:HE3	2	0.16	0.01	0.16
(33,1356)	1:121:A:VAL:H	1:121:A:VAL:HG11	2	0.16	0.01	0.16
(33,1356)	1:121:A:VAL:H	1:121:A:VAL:HG12	2	0.16	0.01	0.16
(33,1356)	1:121:A:VAL:H	1:121:A:VAL:HG13	2	0.16	0.01	0.16
(34,852)	1:49:A:LYS:HA	1:49:A:LYS:HE2	2	0.16	0.01	0.16
(34,852)	1:49:A:LYS:HA	1:49:A:LYS:HE3	2	0.16	0.01	0.16
(34,1376)	1:121:A:VAL:H	1:121:A:VAL:HG11	2	0.16	0.01	0.16
(34,1376)	1:121:A:VAL:H	1:121:A:VAL:HG12	2	0.16	0.01	0.16
(34,1376)	1:121:A:VAL:H	1:121:A:VAL:HG13	2	0.16	0.01	0.16
(1,959)	1:69:A:MET:HG2	1:109:A:PRO:HA	2	0.15	0.02	0.15
(1,1196)	1:23:A:LEU:HA	1:23:A:LEU:HD21	2	0.15	0.02	0.15
(1,1196)	1:23:A:LEU:HA	1:23:A:LEU:HD22	2	0.15	0.02	0.15
(1,1196)	1:23:A:LEU:HA	1:23:A:LEU:HD23	2	0.15	0.02	0.15
(1,1423)	1:69:A:MET:HA	1:73:A:ILE:HG21	2	0.15	0.05	0.15
(1,1423)	1:69:A:MET:HA	1:73:A:ILE:HG22	2	0.15	0.05	0.15
(1,1423)	1:69:A:MET:HA	1:73:A:ILE:HG23	2	0.15	0.05	0.15
(2,2105)	1:37:A:LEU:HA	1:39:A:VAL:HG11	2	0.15	0.01	0.15
(2,2105)	1:37:A:LEU:HA	1:39:A:VAL:HG12	2	0.15	0.01	0.15
(2,2105)	1:37:A:LEU:HA	1:39:A:VAL:HG13	2	0.15	0.01	0.15
(2,2105)	1:37:A:LEU:HA	1:39:A:VAL:HG21	2	0.15	0.01	0.15
(2,2105)	1:37:A:LEU:HA	1:39:A:VAL:HG22	2	0.15	0.01	0.15
(2,2105)	1:37:A:LEU:HA	1:39:A:VAL:HG23	2	0.15	0.01	0.15
(3,515)	1:67:A:PRO:HB2	1:71:A:LYS:H	2	0.15	0.02	0.15
(3,515)	1:67:A:PRO:HB3	1:71:A:LYS:H	2	0.15	0.02	0.15
(3,955)	1:69:A:MET:HG2	1:109:A:PRO:HA	2	0.15	0.02	0.15
(4,504)	1:67:A:PRO:HB2	1:71:A:LYS:H	2	0.15	0.02	0.15
(4,504)	1:67:A:PRO:HB3	1:71:A:LYS:H	2	0.15	0.02	0.15
(5,942)	1:69:A:MET:HG2	1:109:A:PRO:HA	2	0.15	0.02	0.15
(5,1308)	1:13:A:ALA:HB1	1:14:A:VAL:HG21	2	0.15	0.01	0.15
(5,1308)	1:13:A:ALA:HB1	1:14:A:VAL:HG22	2	0.15	0.01	0.15
(5,1308)	1:13:A:ALA:HB1	1:14:A:VAL:HG23	2	0.15	0.01	0.15
(5,1308)	1:13:A:ALA:HB2	1:14:A:VAL:HG21	2	0.15	0.01	0.15
(5,1308)	1:13:A:ALA:HB2	1:14:A:VAL:HG22	2	0.15	0.01	0.15
(5,1308)	1:13:A:ALA:HB2	1:14:A:VAL:HG23	2	0.15	0.01	0.15
(5,1308)	1:13:A:ALA:HB3	1:14:A:VAL:HG21	2	0.15	0.01	0.15
(5,1308)	1:13:A:ALA:HB3	1:14:A:VAL:HG22	2	0.15	0.01	0.15
(5,1308)	1:13:A:ALA:HB3	1:14:A:VAL:HG23	2	0.15	0.01	0.15
(5,1436)	1:69:A:MET:HA	1:73:A:ILE:HG21	2	0.15	0.05	0.15
(5,1436)	1:69:A:MET:HA	1:73:A:ILE:HG22	2	0.15	0.05	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,1436)	1:69:A:MET:HA	1:73:A:ILE:HG23	2	0.15	0.05	0.15
(6,510)	1:67:A:PRO:HB2	1:71:A:LYS:H	2	0.15	0.02	0.15
(6,510)	1:67:A:PRO:HB3	1:71:A:LYS:H	2	0.15	0.02	0.15
(6,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD21	2	0.15	0.02	0.15
(6,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD22	2	0.15	0.02	0.15
(6,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD23	2	0.15	0.02	0.15
(6,1413)	1:69:A:MET:HA	1:73:A:ILE:HG21	2	0.15	0.05	0.15
(6,1413)	1:69:A:MET:HA	1:73:A:ILE:HG22	2	0.15	0.05	0.15
(6,1413)	1:69:A:MET:HA	1:73:A:ILE:HG23	2	0.15	0.05	0.15
(6,1906)	1:18:A:PHE:HE1	1:60:A:LEU:HB2	2	0.15	0.01	0.15
(6,1906)	1:18:A:PHE:HE2	1:60:A:LEU:HB2	2	0.15	0.01	0.15
(9,519)	1:67:A:PRO:HB2	1:71:A:LYS:H	2	0.15	0.02	0.15
(9,519)	1:67:A:PRO:HB3	1:71:A:LYS:H	2	0.15	0.02	0.15
(9,1209)	1:41:A:LYS:HA	1:41:A:LYS:HG2	2	0.15	0.01	0.15
(11,514)	1:67:A:PRO:HB2	1:71:A:LYS:H	2	0.15	0.02	0.15
(11,514)	1:67:A:PRO:HB3	1:71:A:LYS:H	2	0.15	0.02	0.15
(11,943)	1:69:A:MET:HG2	1:109:A:PRO:HA	2	0.15	0.02	0.15
(11,1914)	1:18:A:PHE:HE1	1:60:A:LEU:HB2	2	0.15	0.01	0.15
(11,1914)	1:18:A:PHE:HE2	1:60:A:LEU:HB2	2	0.15	0.01	0.15
(13,1392)	1:69:A:MET:HA	1:73:A:ILE:HG21	2	0.15	0.05	0.15
(13,1392)	1:69:A:MET:HA	1:73:A:ILE:HG22	2	0.15	0.05	0.15
(13,1392)	1:69:A:MET:HA	1:73:A:ILE:HG23	2	0.15	0.05	0.15
(13,2141)	1:54:A:ARG:HB2	1:58:A:ILE:HD11	2	0.15	0.01	0.15
(13,2141)	1:54:A:ARG:HB2	1:58:A:ILE:HD12	2	0.15	0.01	0.15
(13,2141)	1:54:A:ARG:HB2	1:58:A:ILE:HD13	2	0.15	0.01	0.15
(13,2141)	1:54:A:ARG:HB3	1:58:A:ILE:HD11	2	0.15	0.01	0.15
(13,2141)	1:54:A:ARG:HB3	1:58:A:ILE:HD12	2	0.15	0.01	0.15
(13,2141)	1:54:A:ARG:HB3	1:58:A:ILE:HD13	2	0.15	0.01	0.15
(15,935)	1:69:A:MET:HG2	1:109:A:PRO:HA	2	0.15	0.02	0.15
(15,2477)	1:143:A:TRP:H	1:144:A:LEU:HD11	2	0.15	0.02	0.15
(15,2477)	1:143:A:TRP:H	1:144:A:LEU:HD12	2	0.15	0.02	0.15
(15,2477)	1:143:A:TRP:H	1:144:A:LEU:HD13	2	0.15	0.02	0.15
(15,2477)	1:143:A:TRP:H	1:144:A:LEU:HD21	2	0.15	0.02	0.15
(15,2477)	1:143:A:TRP:H	1:144:A:LEU:HD22	2	0.15	0.02	0.15
(15,2477)	1:143:A:TRP:H	1:144:A:LEU:HD23	2	0.15	0.02	0.15
(16,515)	1:67:A:PRO:HB2	1:71:A:LYS:H	2	0.15	0.02	0.15
(16,515)	1:67:A:PRO:HB3	1:71:A:LYS:H	2	0.15	0.02	0.15
(16,954)	1:69:A:MET:HG2	1:109:A:PRO:HA	2	0.15	0.02	0.15
(16,2473)	1:143:A:TRP:H	1:144:A:LEU:HD11	2	0.15	0.02	0.15
(16,2473)	1:143:A:TRP:H	1:144:A:LEU:HD12	2	0.15	0.02	0.15
(16,2473)	1:143:A:TRP:H	1:144:A:LEU:HD13	2	0.15	0.02	0.15
(16,2473)	1:143:A:TRP:H	1:144:A:LEU:HD21	2	0.15	0.02	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,2473)	1:143:A:TRP:H	1:144:A:LEU:HD22	2	0.15	0.02	0.15
(16,2473)	1:143:A:TRP:H	1:144:A:LEU:HD23	2	0.15	0.02	0.15
(17,945)	1:69:A:MET:HG2	1:109:A:PRO:HA	2	0.15	0.02	0.15
(17,1437)	1:69:A:MET:HA	1:73:A:ILE:HG21	2	0.15	0.05	0.15
(17,1437)	1:69:A:MET:HA	1:73:A:ILE:HG22	2	0.15	0.05	0.15
(17,1437)	1:69:A:MET:HA	1:73:A:ILE:HG23	2	0.15	0.05	0.15
(17,2467)	1:143:A:TRP:H	1:144:A:LEU:HD11	2	0.15	0.02	0.15
(17,2467)	1:143:A:TRP:H	1:144:A:LEU:HD12	2	0.15	0.02	0.15
(17,2467)	1:143:A:TRP:H	1:144:A:LEU:HD13	2	0.15	0.02	0.15
(17,2467)	1:143:A:TRP:H	1:144:A:LEU:HD21	2	0.15	0.02	0.15
(17,2467)	1:143:A:TRP:H	1:144:A:LEU:HD22	2	0.15	0.02	0.15
(17,2467)	1:143:A:TRP:H	1:144:A:LEU:HD23	2	0.15	0.02	0.15
(29,516)	1:67:A:PRO:HB2	1:71:A:LYS:H	2	0.15	0.02	0.15
(29,516)	1:67:A:PRO:HB3	1:71:A:LYS:H	2	0.15	0.02	0.15
(32,500)	1:67:A:PRO:HB2	1:71:A:LYS:H	2	0.15	0.02	0.15
(32,500)	1:67:A:PRO:HB3	1:71:A:LYS:H	2	0.15	0.02	0.15
(32,1383)	1:69:A:MET:HA	1:73:A:ILE:HG21	2	0.15	0.05	0.15
(32,1383)	1:69:A:MET:HA	1:73:A:ILE:HG22	2	0.15	0.05	0.15
(32,1383)	1:69:A:MET:HA	1:73:A:ILE:HG23	2	0.15	0.05	0.15
(33,511)	1:67:A:PRO:HB2	1:71:A:LYS:H	2	0.15	0.02	0.15
(33,511)	1:67:A:PRO:HB3	1:71:A:LYS:H	2	0.15	0.02	0.15
(34,526)	1:67:A:PRO:HB2	1:71:A:LYS:H	2	0.15	0.02	0.15
(34,526)	1:67:A:PRO:HB3	1:71:A:LYS:H	2	0.15	0.02	0.15
(34,1432)	1:69:A:MET:HA	1:73:A:ILE:HG21	2	0.15	0.05	0.15
(34,1432)	1:69:A:MET:HA	1:73:A:ILE:HG22	2	0.15	0.05	0.15
(34,1432)	1:69:A:MET:HA	1:73:A:ILE:HG23	2	0.15	0.05	0.15
(34,2189)	1:54:A:ARG:HB2	1:58:A:ILE:HD11	2	0.15	0.01	0.15
(34,2189)	1:54:A:ARG:HB2	1:58:A:ILE:HD12	2	0.15	0.01	0.15
(34,2189)	1:54:A:ARG:HB2	1:58:A:ILE:HD13	2	0.15	0.01	0.15
(34,2189)	1:54:A:ARG:HB3	1:58:A:ILE:HD11	2	0.15	0.01	0.15
(34,2189)	1:54:A:ARG:HB3	1:58:A:ILE:HD12	2	0.15	0.01	0.15
(34,2189)	1:54:A:ARG:HB3	1:58:A:ILE:HD13	2	0.15	0.01	0.15
(1,1763)	1:36:A:PRO:HA	1:37:A:LEU:HD21	2	0.15	0.04	0.15
(1,1763)	1:36:A:PRO:HA	1:37:A:LEU:HD22	2	0.15	0.04	0.15
(1,1763)	1:36:A:PRO:HA	1:37:A:LEU:HD23	2	0.15	0.04	0.15
(3,1871)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	2	0.15	0.04	0.15
(3,1871)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	2	0.15	0.04	0.15
(3,1871)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	2	0.15	0.04	0.15
(4,1821)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	2	0.15	0.04	0.15
(4,1821)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	2	0.15	0.04	0.15
(4,1821)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	2	0.15	0.04	0.15
(6,68)	1:13:A:ALA:HB1	1:81:A:GLU:H	2	0.15	0.03	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,68)	1:13:A:ALA:HB2	1:81:A:GLU:H	2	0.15	0.03	0.15
(6,68)	1:13:A:ALA:HB3	1:81:A:GLU:H	2	0.15	0.03	0.15
(6,1847)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	2	0.15	0.04	0.15
(6,1847)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	2	0.15	0.04	0.15
(6,1847)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	2	0.15	0.04	0.15
(7,65)	1:13:A:ALA:HB1	1:81:A:GLU:H	2	0.15	0.03	0.15
(7,65)	1:13:A:ALA:HB2	1:81:A:GLU:H	2	0.15	0.03	0.15
(7,65)	1:13:A:ALA:HB3	1:81:A:GLU:H	2	0.15	0.03	0.15
(17,1860)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	2	0.15	0.04	0.15
(17,1860)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	2	0.15	0.04	0.15
(17,1860)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	2	0.15	0.04	0.15
(29,1863)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	2	0.15	0.04	0.15
(29,1863)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	2	0.15	0.04	0.15
(29,1863)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	2	0.15	0.04	0.15
(30,68)	1:13:A:ALA:HB1	1:81:A:GLU:H	2	0.15	0.03	0.15
(30,68)	1:13:A:ALA:HB2	1:81:A:GLU:H	2	0.15	0.03	0.15
(30,68)	1:13:A:ALA:HB3	1:81:A:GLU:H	2	0.15	0.03	0.15
(32,64)	1:13:A:ALA:HB1	1:81:A:GLU:H	2	0.15	0.03	0.15
(32,64)	1:13:A:ALA:HB2	1:81:A:GLU:H	2	0.15	0.03	0.15
(32,64)	1:13:A:ALA:HB3	1:81:A:GLU:H	2	0.15	0.03	0.15
(33,679)	1:137:A:SER:H	1:140:A:LEU:HD11	2	0.15	0.04	0.15
(33,679)	1:137:A:SER:H	1:140:A:LEU:HD12	2	0.15	0.04	0.15
(33,679)	1:137:A:SER:H	1:140:A:LEU:HD13	2	0.15	0.04	0.15
(33,1839)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	2	0.15	0.04	0.15
(33,1839)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	2	0.15	0.04	0.15
(33,1839)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	2	0.15	0.04	0.15
(1,1339)	1:131:A:LEU:H	1:131:A:LEU:HD21	2	0.15	0.02	0.15
(1,1339)	1:131:A:LEU:H	1:131:A:LEU:HD22	2	0.15	0.02	0.15
(1,1339)	1:131:A:LEU:H	1:131:A:LEU:HD23	2	0.15	0.02	0.15
(1,1852)	1:61:A:SER:H	1:62:A:HIS:HD2	2	0.15	0.0	0.15
(2,745)	1:103:A:ARG:HB2	1:103:A:ARG:HE	2	0.15	0.03	0.15
(2,745)	1:103:A:ARG:HB3	1:103:A:ARG:HE	2	0.15	0.03	0.15
(2,1342)	1:117:A:VAL:HG11	1:118:A:ASP:H	2	0.15	0.03	0.15
(2,1342)	1:117:A:VAL:HG12	1:118:A:ASP:H	2	0.15	0.03	0.15
(2,1342)	1:117:A:VAL:HG13	1:118:A:ASP:H	2	0.15	0.03	0.15
(2,1864)	1:61:A:SER:H	1:62:A:HIS:HD2	2	0.15	0.0	0.15
(3,763)	1:103:A:ARG:HB2	1:103:A:ARG:HE	2	0.15	0.03	0.15
(3,763)	1:103:A:ARG:HB3	1:103:A:ARG:HE	2	0.15	0.03	0.15
(3,2411)	1:119:A:LEU:HD11	1:120:A:CYS:H	2	0.15	0.0	0.15
(3,2411)	1:119:A:LEU:HD12	1:120:A:CYS:H	2	0.15	0.0	0.15
(3,2411)	1:119:A:LEU:HD13	1:120:A:CYS:H	2	0.15	0.0	0.15
(3,2411)	1:119:A:LEU:HD21	1:120:A:CYS:H	2	0.15	0.0	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,2411)	1:119:A:LEU:HD22	1:120:A:CYS:H	2	0.15	0.0	0.15
(3,2411)	1:119:A:LEU:HD23	1:120:A:CYS:H	2	0.15	0.0	0.15
(4,1817)	1:61:A:SER:H	1:62:A:HIS:HD2	2	0.15	0.0	0.15
(5,745)	1:103:A:ARG:HB2	1:103:A:ARG:HE	2	0.15	0.03	0.15
(5,745)	1:103:A:ARG:HB3	1:103:A:ARG:HE	2	0.15	0.03	0.15
(5,1244)	1:139:A:LEU:H	1:139:A:LEU:HD21	2	0.15	0.03	0.15
(5,1244)	1:139:A:LEU:H	1:139:A:LEU:HD22	2	0.15	0.03	0.15
(5,1244)	1:139:A:LEU:H	1:139:A:LEU:HD23	2	0.15	0.03	0.15
(5,1355)	1:131:A:LEU:H	1:131:A:LEU:HD21	2	0.15	0.02	0.15
(5,1355)	1:131:A:LEU:H	1:131:A:LEU:HD22	2	0.15	0.02	0.15
(5,1355)	1:131:A:LEU:H	1:131:A:LEU:HD23	2	0.15	0.02	0.15
(5,1865)	1:61:A:SER:H	1:62:A:HIS:HD2	2	0.15	0.0	0.15
(6,10)	1:64:A:LYS:H	1:64:A:LYS:HE2	2	0.15	0.0	0.15
(6,10)	1:64:A:LYS:H	1:64:A:LYS:HE3	2	0.15	0.0	0.15
(6,1332)	1:131:A:LEU:H	1:131:A:LEU:HD21	2	0.15	0.02	0.15
(6,1332)	1:131:A:LEU:H	1:131:A:LEU:HD22	2	0.15	0.02	0.15
(6,1332)	1:131:A:LEU:H	1:131:A:LEU:HD23	2	0.15	0.02	0.15
(6,1778)	1:67:A:PRO:HA	1:71:A:LYS:H	2	0.15	0.0	0.15
(6,1843)	1:61:A:SER:H	1:62:A:HIS:HD2	2	0.15	0.0	0.15
(7,1807)	1:61:A:SER:H	1:62:A:HIS:HD2	2	0.15	0.0	0.15
(7,1992)	1:23:A:LEU:H	1:23:A:LEU:HD11	2	0.15	0.0	0.15
(7,1992)	1:23:A:LEU:H	1:23:A:LEU:HD12	2	0.15	0.0	0.15
(7,1992)	1:23:A:LEU:H	1:23:A:LEU:HD13	2	0.15	0.0	0.15
(7,1992)	1:23:A:LEU:H	1:23:A:LEU:HD21	2	0.15	0.0	0.15
(7,1992)	1:23:A:LEU:H	1:23:A:LEU:HD22	2	0.15	0.0	0.15
(7,1992)	1:23:A:LEU:H	1:23:A:LEU:HD23	2	0.15	0.0	0.15
(9,747)	1:103:A:ARG:HB2	1:103:A:ARG:HE	2	0.15	0.03	0.15
(9,747)	1:103:A:ARG:HB3	1:103:A:ARG:HE	2	0.15	0.03	0.15
(9,1765)	1:67:A:PRO:HA	1:71:A:LYS:H	2	0.15	0.0	0.15
(9,1830)	1:61:A:SER:H	1:62:A:HIS:HD2	2	0.15	0.0	0.15
(11,750)	1:103:A:ARG:HB2	1:103:A:ARG:HE	2	0.15	0.03	0.15
(11,750)	1:103:A:ARG:HB3	1:103:A:ARG:HE	2	0.15	0.03	0.15
(11,1364)	1:117:A:VAL:HG11	1:118:A:ASP:H	2	0.15	0.03	0.15
(11,1364)	1:117:A:VAL:HG12	1:118:A:ASP:H	2	0.15	0.03	0.15
(11,1364)	1:117:A:VAL:HG13	1:118:A:ASP:H	2	0.15	0.03	0.15
(13,735)	1:103:A:ARG:HB2	1:103:A:ARG:HE	2	0.15	0.03	0.15
(13,735)	1:103:A:ARG:HB3	1:103:A:ARG:HE	2	0.15	0.03	0.15
(15,1822)	1:61:A:SER:H	1:62:A:HIS:HD2	2	0.15	0.0	0.15
(16,761)	1:103:A:ARG:HB2	1:103:A:ARG:HE	2	0.15	0.03	0.15
(16,761)	1:103:A:ARG:HB3	1:103:A:ARG:HE	2	0.15	0.03	0.15
(16,1297)	1:18:A:PHE:HZ	1:60:A:LEU:HD21	2	0.15	0.03	0.15
(16,1297)	1:18:A:PHE:HZ	1:60:A:LEU:HD22	2	0.15	0.03	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1297)	1:18:A:PHE:HZ	1:60:A:LEU:HD23	2	0.15	0.03	0.15
(16,1341)	1:131:A:LEU:H	1:131:A:LEU:HD21	2	0.15	0.02	0.15
(16,1341)	1:131:A:LEU:H	1:131:A:LEU:HD22	2	0.15	0.02	0.15
(16,1341)	1:131:A:LEU:H	1:131:A:LEU:HD23	2	0.15	0.02	0.15
(16,1828)	1:61:A:SER:H	1:62:A:HIS:HD2	2	0.15	0.0	0.15
(17,754)	1:103:A:ARG:HB2	1:103:A:ARG:HE	2	0.15	0.03	0.15
(17,754)	1:103:A:ARG:HB3	1:103:A:ARG:HE	2	0.15	0.03	0.15
(18,372)	1:70:A:LYS:H	1:70:A:LYS:HE2	2	0.15	0.03	0.15
(18,372)	1:70:A:LYS:H	1:70:A:LYS:HE3	2	0.15	0.03	0.15
(18,766)	1:103:A:ARG:HB2	1:103:A:ARG:HE	2	0.15	0.03	0.15
(18,766)	1:103:A:ARG:HB3	1:103:A:ARG:HE	2	0.15	0.03	0.15
(29,1792)	1:67:A:PRO:HA	1:71:A:LYS:H	2	0.15	0.0	0.15
(30,1336)	1:117:A:VAL:HG11	1:118:A:ASP:H	2	0.15	0.03	0.15
(30,1336)	1:117:A:VAL:HG12	1:118:A:ASP:H	2	0.15	0.03	0.15
(30,1336)	1:117:A:VAL:HG13	1:118:A:ASP:H	2	0.15	0.03	0.15
(32,735)	1:103:A:ARG:HB2	1:103:A:ARG:HE	2	0.15	0.03	0.15
(32,735)	1:103:A:ARG:HB3	1:103:A:ARG:HE	2	0.15	0.03	0.15
(32,790)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	2	0.15	0.0	0.15
(32,790)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	2	0.15	0.0	0.15
(32,790)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	2	0.15	0.0	0.15
(33,751)	1:103:A:ARG:HB2	1:103:A:ARG:HE	2	0.15	0.03	0.15
(33,751)	1:103:A:ARG:HB3	1:103:A:ARG:HE	2	0.15	0.03	0.15
(34,757)	1:103:A:ARG:HB2	1:103:A:ARG:HE	2	0.15	0.03	0.15
(34,757)	1:103:A:ARG:HB3	1:103:A:ARG:HE	2	0.15	0.03	0.15
(34,1266)	1:139:A:LEU:H	1:139:A:LEU:HD21	2	0.15	0.03	0.15
(34,1266)	1:139:A:LEU:H	1:139:A:LEU:HD22	2	0.15	0.03	0.15
(34,1266)	1:139:A:LEU:H	1:139:A:LEU:HD23	2	0.15	0.03	0.15
(1,71)	1:13:A:ALA:HB1	1:81:A:GLU:H	2	0.14	0.03	0.14
(1,71)	1:13:A:ALA:HB2	1:81:A:GLU:H	2	0.14	0.03	0.14
(1,71)	1:13:A:ALA:HB3	1:81:A:GLU:H	2	0.14	0.03	0.14
(2,190)	1:44:A:GLU:H	1:44:A:GLU:HG3	2	0.14	0.02	0.14
(2,190)	1:44:A:GLU:H	1:44:A:GLU:HG2	2	0.14	0.02	0.14
(3,69)	1:13:A:ALA:HB1	1:81:A:GLU:H	2	0.14	0.03	0.14
(3,69)	1:13:A:ALA:HB2	1:81:A:GLU:H	2	0.14	0.03	0.14
(3,69)	1:13:A:ALA:HB3	1:81:A:GLU:H	2	0.14	0.03	0.14
(3,1152)	1:40:A:LEU:HA	1:40:A:LEU:HD11	2	0.14	0.02	0.14
(3,1152)	1:40:A:LEU:HA	1:40:A:LEU:HD12	2	0.14	0.02	0.14
(3,1152)	1:40:A:LEU:HA	1:40:A:LEU:HD13	2	0.14	0.02	0.14
(3,2399)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	2	0.14	0.03	0.14
(3,2399)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	2	0.14	0.03	0.14
(3,2399)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	2	0.14	0.03	0.14
(3,2399)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	2	0.14	0.03	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(3,2399)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	2	0.14	0.03	0.14
(3,2399)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	2	0.14	0.03	0.14
(4,1430)	1:47:A:ALA:HA	1:50:A:ALA:HB1	2	0.14	0.01	0.14
(4,1430)	1:47:A:ALA:HA	1:50:A:ALA:HB2	2	0.14	0.01	0.14
(4,1430)	1:47:A:ALA:HA	1:50:A:ALA:HB3	2	0.14	0.01	0.14
(5,64)	1:13:A:ALA:HB1	1:81:A:GLU:H	2	0.14	0.03	0.14
(5,64)	1:13:A:ALA:HB2	1:81:A:GLU:H	2	0.14	0.03	0.14
(5,64)	1:13:A:ALA:HB3	1:81:A:GLU:H	2	0.14	0.03	0.14
(6,2234)	1:65:A:CYS:HB2	1:69:A:MET:HE1	2	0.14	0.02	0.14
(6,2234)	1:65:A:CYS:HB2	1:69:A:MET:HE2	2	0.14	0.02	0.14
(6,2234)	1:65:A:CYS:HB2	1:69:A:MET:HE3	2	0.14	0.02	0.14
(6,2234)	1:65:A:CYS:HB3	1:69:A:MET:HE1	2	0.14	0.02	0.14
(6,2234)	1:65:A:CYS:HB3	1:69:A:MET:HE2	2	0.14	0.02	0.14
(6,2234)	1:65:A:CYS:HB3	1:69:A:MET:HE3	2	0.14	0.02	0.14
(7,2053)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	2	0.14	0.03	0.14
(7,2053)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	2	0.14	0.03	0.14
(7,2053)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	2	0.14	0.03	0.14
(7,2053)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	2	0.14	0.03	0.14
(7,2053)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	2	0.14	0.03	0.14
(7,2053)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	2	0.14	0.03	0.14
(9,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB1	2	0.14	0.01	0.14
(9,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB2	2	0.14	0.01	0.14
(9,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB3	2	0.14	0.01	0.14
(11,72)	1:13:A:ALA:HB1	1:81:A:GLU:H	2	0.14	0.03	0.14
(11,72)	1:13:A:ALA:HB2	1:81:A:GLU:H	2	0.14	0.03	0.14
(11,72)	1:13:A:ALA:HB3	1:81:A:GLU:H	2	0.14	0.03	0.14
(11,348)	1:122:A:ASP:HB3	1:123:A:CYS:H	2	0.14	0.0	0.14
(11,1178)	1:30:A:LEU:H	1:30:A:LEU:HD21	2	0.14	0.02	0.14
(11,1178)	1:30:A:LEU:H	1:30:A:LEU:HD22	2	0.14	0.02	0.14
(11,1178)	1:30:A:LEU:H	1:30:A:LEU:HD23	2	0.14	0.02	0.14
(11,1596)	1:11:A:ILE:HD11	1:12:A:VAL:H	2	0.14	0.01	0.14
(11,1596)	1:11:A:ILE:HD12	1:12:A:VAL:H	2	0.14	0.01	0.14
(11,1596)	1:11:A:ILE:HD13	1:12:A:VAL:H	2	0.14	0.01	0.14
(13,189)	1:44:A:GLU:H	1:44:A:GLU:HG3	2	0.14	0.02	0.14
(13,189)	1:44:A:GLU:H	1:44:A:GLU:HG2	2	0.14	0.02	0.14
(15,196)	1:44:A:GLU:H	1:44:A:GLU:HG3	2	0.14	0.02	0.14
(15,196)	1:44:A:GLU:H	1:44:A:GLU:HG2	2	0.14	0.02	0.14
(16,66)	1:13:A:ALA:HB1	1:81:A:GLU:H	2	0.14	0.03	0.14
(16,66)	1:13:A:ALA:HB2	1:81:A:GLU:H	2	0.14	0.03	0.14
(16,66)	1:13:A:ALA:HB3	1:81:A:GLU:H	2	0.14	0.03	0.14
(16,196)	1:44:A:GLU:H	1:44:A:GLU:HG3	2	0.14	0.02	0.14
(16,196)	1:44:A:GLU:H	1:44:A:GLU:HG2	2	0.14	0.02	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,68)	1:13:A:ALA:HB1	1:81:A:GLU:H	2	0.14	0.03	0.14
(17,68)	1:13:A:ALA:HB2	1:81:A:GLU:H	2	0.14	0.03	0.14
(17,68)	1:13:A:ALA:HB3	1:81:A:GLU:H	2	0.14	0.03	0.14
(18,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB1	2	0.14	0.01	0.14
(18,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB2	2	0.14	0.01	0.14
(18,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB3	2	0.14	0.01	0.14
(18,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	2	0.14	0.0	0.14
(18,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	2	0.14	0.0	0.14
(18,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	2	0.14	0.0	0.14
(18,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	2	0.14	0.0	0.14
(18,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	2	0.14	0.0	0.14
(18,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	2	0.14	0.0	0.14
(18,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	2	0.14	0.0	0.14
(18,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	2	0.14	0.0	0.14
(18,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	2	0.14	0.0	0.14
(18,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	2	0.14	0.0	0.14
(18,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	2	0.14	0.0	0.14
(18,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	2	0.14	0.0	0.14
(18,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	2	0.14	0.0	0.14
(18,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	2	0.14	0.0	0.14
(18,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	2	0.14	0.0	0.14
(18,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	2	0.14	0.0	0.14
(18,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	2	0.14	0.0	0.14
(18,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	2	0.14	0.0	0.14
(24,43)	1:128:A:LEU:H	1:124:A:THR:O	2	0.14	0.03	0.14
(29,71)	1:13:A:ALA:HB1	1:81:A:GLU:H	2	0.14	0.03	0.14
(29,71)	1:13:A:ALA:HB2	1:81:A:GLU:H	2	0.14	0.03	0.14
(29,71)	1:13:A:ALA:HB3	1:81:A:GLU:H	2	0.14	0.03	0.14
(30,1992)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	2	0.14	0.01	0.14
(30,1992)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	2	0.14	0.01	0.14
(30,1992)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	2	0.14	0.01	0.14
(30,1992)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	2	0.14	0.01	0.14
(30,1992)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	2	0.14	0.01	0.14
(30,1992)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	2	0.14	0.01	0.14
(30,1992)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	2	0.14	0.01	0.14
(30,1992)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	2	0.14	0.01	0.14
(30,1992)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	2	0.14	0.01	0.14
(30,1992)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	2	0.14	0.01	0.14
(30,1992)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	2	0.14	0.01	0.14
(30,1992)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	2	0.14	0.01	0.14
(33,73)	1:13:A:ALA:HB1	1:81:A:GLU:H	2	0.14	0.03	0.14
(33,73)	1:13:A:ALA:HB2	1:81:A:GLU:H	2	0.14	0.03	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,73)	1:13:A:ALA:HB3	1:81:A:GLU:H	2	0.14	0.03	0.14
(34,67)	1:13:A:ALA:HB1	1:81:A:GLU:H	2	0.14	0.03	0.14
(34,67)	1:13:A:ALA:HB2	1:81:A:GLU:H	2	0.14	0.03	0.14
(34,67)	1:13:A:ALA:HB3	1:81:A:GLU:H	2	0.14	0.03	0.14
(1,622)	1:29:A:LYS:H	1:30:A:LEU:H	2	0.14	0.02	0.14
(1,1251)	1:37:A:LEU:H	1:37:A:LEU:HD11	2	0.14	0.01	0.14
(1,1251)	1:37:A:LEU:H	1:37:A:LEU:HD12	2	0.14	0.01	0.14
(1,1251)	1:37:A:LEU:H	1:37:A:LEU:HD13	2	0.14	0.01	0.14
(1,1428)	1:149:A:ALA:HB1	1:150:A:THR:HG21	2	0.14	0.02	0.14
(1,1428)	1:149:A:ALA:HB1	1:150:A:THR:HG22	2	0.14	0.02	0.14
(1,1428)	1:149:A:ALA:HB1	1:150:A:THR:HG23	2	0.14	0.02	0.14
(1,1428)	1:149:A:ALA:HB2	1:150:A:THR:HG21	2	0.14	0.02	0.14
(1,1428)	1:149:A:ALA:HB2	1:150:A:THR:HG22	2	0.14	0.02	0.14
(1,1428)	1:149:A:ALA:HB2	1:150:A:THR:HG23	2	0.14	0.02	0.14
(1,1428)	1:149:A:ALA:HB3	1:150:A:THR:HG21	2	0.14	0.02	0.14
(1,1428)	1:149:A:ALA:HB3	1:150:A:THR:HG22	2	0.14	0.02	0.14
(1,1428)	1:149:A:ALA:HB3	1:150:A:THR:HG23	2	0.14	0.02	0.14
(2,618)	1:118:A:ASP:H	1:120:A:CYS:H	2	0.14	0.01	0.14
(2,1244)	1:37:A:LEU:H	1:37:A:LEU:HD11	2	0.14	0.01	0.14
(2,1244)	1:37:A:LEU:H	1:37:A:LEU:HD12	2	0.14	0.01	0.14
(2,1244)	1:37:A:LEU:H	1:37:A:LEU:HD13	2	0.14	0.01	0.14
(2,1917)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	2	0.14	0.04	0.14
(2,1917)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	2	0.14	0.04	0.14
(2,1917)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	2	0.14	0.04	0.14
(3,624)	1:118:A:ASP:H	1:120:A:CYS:H	2	0.14	0.01	0.14
(3,1277)	1:37:A:LEU:H	1:37:A:LEU:HD11	2	0.14	0.01	0.14
(3,1277)	1:37:A:LEU:H	1:37:A:LEU:HD12	2	0.14	0.01	0.14
(3,1277)	1:37:A:LEU:H	1:37:A:LEU:HD13	2	0.14	0.01	0.14
(4,611)	1:118:A:ASP:H	1:120:A:CYS:H	2	0.14	0.01	0.14
(4,1225)	1:37:A:LEU:H	1:37:A:LEU:HD11	2	0.14	0.01	0.14
(4,1225)	1:37:A:LEU:H	1:37:A:LEU:HD12	2	0.14	0.01	0.14
(4,1225)	1:37:A:LEU:H	1:37:A:LEU:HD13	2	0.14	0.01	0.14
(4,1600)	1:149:A:ALA:HB1	1:151:A:PHE:HA	2	0.14	0.02	0.14
(4,1600)	1:149:A:ALA:HB2	1:151:A:PHE:HA	2	0.14	0.02	0.14
(4,1600)	1:149:A:ALA:HB3	1:151:A:PHE:HA	2	0.14	0.02	0.14
(4,2387)	1:119:A:LEU:HD11	1:121:A:VAL:H	2	0.14	0.02	0.14
(4,2387)	1:119:A:LEU:HD12	1:121:A:VAL:H	2	0.14	0.02	0.14
(4,2387)	1:119:A:LEU:HD13	1:121:A:VAL:H	2	0.14	0.02	0.14
(4,2387)	1:119:A:LEU:HD21	1:121:A:VAL:H	2	0.14	0.02	0.14
(4,2387)	1:119:A:LEU:HD22	1:121:A:VAL:H	2	0.14	0.02	0.14
(4,2387)	1:119:A:LEU:HD23	1:121:A:VAL:H	2	0.14	0.02	0.14
(5,1314)	1:18:A:PHE:HZ	1:60:A:LEU:HD21	2	0.14	0.02	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(5,1314)	1:18:A:PHE:HZ	1:60:A:LEU:HD22	2	0.14	0.02	0.14
(5,1314)	1:18:A:PHE:HZ	1:60:A:LEU:HD23	2	0.14	0.02	0.14
(5,1636)	1:149:A:ALA:HB1	1:151:A:PHE:HA	2	0.14	0.02	0.14
(5,1636)	1:149:A:ALA:HB2	1:151:A:PHE:HA	2	0.14	0.02	0.14
(5,1636)	1:149:A:ALA:HB3	1:151:A:PHE:HA	2	0.14	0.02	0.14
(5,1916)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	2	0.14	0.04	0.14
(5,1916)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	2	0.14	0.04	0.14
(5,1916)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	2	0.14	0.04	0.14
(6,613)	1:118:A:ASP:H	1:120:A:CYS:H	2	0.14	0.01	0.14
(6,1241)	1:37:A:LEU:H	1:37:A:LEU:HD11	2	0.14	0.01	0.14
(6,1241)	1:37:A:LEU:H	1:37:A:LEU:HD12	2	0.14	0.01	0.14
(6,1241)	1:37:A:LEU:H	1:37:A:LEU:HD13	2	0.14	0.01	0.14
(6,1418)	1:149:A:ALA:HB1	1:150:A:THR:HG21	2	0.14	0.02	0.14
(6,1418)	1:149:A:ALA:HB1	1:150:A:THR:HG22	2	0.14	0.02	0.14
(6,1418)	1:149:A:ALA:HB1	1:150:A:THR:HG23	2	0.14	0.02	0.14
(6,1418)	1:149:A:ALA:HB2	1:150:A:THR:HG21	2	0.14	0.02	0.14
(6,1418)	1:149:A:ALA:HB2	1:150:A:THR:HG22	2	0.14	0.02	0.14
(6,1418)	1:149:A:ALA:HB2	1:150:A:THR:HG23	2	0.14	0.02	0.14
(6,1418)	1:149:A:ALA:HB3	1:150:A:THR:HG21	2	0.14	0.02	0.14
(6,1418)	1:149:A:ALA:HB3	1:150:A:THR:HG22	2	0.14	0.02	0.14
(6,1418)	1:149:A:ALA:HB3	1:150:A:THR:HG23	2	0.14	0.02	0.14
(6,1620)	1:149:A:ALA:HB1	1:151:A:PHE:HA	2	0.14	0.02	0.14
(6,1620)	1:149:A:ALA:HB2	1:151:A:PHE:HA	2	0.14	0.02	0.14
(6,1620)	1:149:A:ALA:HB3	1:151:A:PHE:HA	2	0.14	0.02	0.14
(6,2383)	1:119:A:LEU:HD11	1:121:A:VAL:H	2	0.14	0.02	0.14
(6,2383)	1:119:A:LEU:HD12	1:121:A:VAL:H	2	0.14	0.02	0.14
(6,2383)	1:119:A:LEU:HD13	1:121:A:VAL:H	2	0.14	0.02	0.14
(6,2383)	1:119:A:LEU:HD21	1:121:A:VAL:H	2	0.14	0.02	0.14
(6,2383)	1:119:A:LEU:HD22	1:121:A:VAL:H	2	0.14	0.02	0.14
(6,2383)	1:119:A:LEU:HD23	1:121:A:VAL:H	2	0.14	0.02	0.14
(7,618)	1:118:A:ASP:H	1:120:A:CYS:H	2	0.14	0.01	0.14
(7,1226)	1:37:A:LEU:H	1:37:A:LEU:HD11	2	0.14	0.01	0.14
(7,1226)	1:37:A:LEU:H	1:37:A:LEU:HD12	2	0.14	0.01	0.14
(7,1226)	1:37:A:LEU:H	1:37:A:LEU:HD13	2	0.14	0.01	0.14
(7,2375)	1:119:A:LEU:HD11	1:121:A:VAL:H	2	0.14	0.02	0.14
(7,2375)	1:119:A:LEU:HD12	1:121:A:VAL:H	2	0.14	0.02	0.14
(7,2375)	1:119:A:LEU:HD13	1:121:A:VAL:H	2	0.14	0.02	0.14
(7,2375)	1:119:A:LEU:HD21	1:121:A:VAL:H	2	0.14	0.02	0.14
(7,2375)	1:119:A:LEU:HD22	1:121:A:VAL:H	2	0.14	0.02	0.14
(7,2375)	1:119:A:LEU:HD23	1:121:A:VAL:H	2	0.14	0.02	0.14
(9,617)	1:29:A:LYS:H	1:30:A:LEU:H	2	0.14	0.02	0.14
(9,1417)	1:149:A:ALA:HB1	1:150:A:THR:HG21	2	0.14	0.02	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,1417)	1:149:A:ALA:HB1	1:150:A:THR:HG22	2	0.14	0.02	0.14
(9,1417)	1:149:A:ALA:HB1	1:150:A:THR:HG23	2	0.14	0.02	0.14
(9,1417)	1:149:A:ALA:HB2	1:150:A:THR:HG21	2	0.14	0.02	0.14
(9,1417)	1:149:A:ALA:HB2	1:150:A:THR:HG22	2	0.14	0.02	0.14
(9,1417)	1:149:A:ALA:HB2	1:150:A:THR:HG23	2	0.14	0.02	0.14
(9,1417)	1:149:A:ALA:HB3	1:150:A:THR:HG21	2	0.14	0.02	0.14
(9,1417)	1:149:A:ALA:HB3	1:150:A:THR:HG22	2	0.14	0.02	0.14
(9,1417)	1:149:A:ALA:HB3	1:150:A:THR:HG23	2	0.14	0.02	0.14
(9,2322)	1:119:A:LEU:HD11	1:121:A:VAL:H	2	0.14	0.02	0.14
(9,2322)	1:119:A:LEU:HD12	1:121:A:VAL:H	2	0.14	0.02	0.14
(9,2322)	1:119:A:LEU:HD13	1:121:A:VAL:H	2	0.14	0.02	0.14
(9,2322)	1:119:A:LEU:HD21	1:121:A:VAL:H	2	0.14	0.02	0.14
(9,2322)	1:119:A:LEU:HD22	1:121:A:VAL:H	2	0.14	0.02	0.14
(9,2322)	1:119:A:LEU:HD23	1:121:A:VAL:H	2	0.14	0.02	0.14
(11,619)	1:29:A:LYS:H	1:30:A:LEU:H	2	0.14	0.02	0.14
(11,620)	1:118:A:ASP:H	1:120:A:CYS:H	2	0.14	0.01	0.14
(11,1267)	1:37:A:LEU:H	1:37:A:LEU:HD11	2	0.14	0.01	0.14
(11,1267)	1:37:A:LEU:H	1:37:A:LEU:HD12	2	0.14	0.01	0.14
(11,1267)	1:37:A:LEU:H	1:37:A:LEU:HD13	2	0.14	0.01	0.14
(11,1653)	1:149:A:ALA:HB1	1:151:A:PHE:HA	2	0.14	0.02	0.14
(11,1653)	1:149:A:ALA:HB2	1:151:A:PHE:HA	2	0.14	0.02	0.14
(11,1653)	1:149:A:ALA:HB3	1:151:A:PHE:HA	2	0.14	0.02	0.14
(11,2383)	1:119:A:LEU:HD11	1:121:A:VAL:H	2	0.14	0.02	0.14
(11,2383)	1:119:A:LEU:HD12	1:121:A:VAL:H	2	0.14	0.02	0.14
(11,2383)	1:119:A:LEU:HD13	1:121:A:VAL:H	2	0.14	0.02	0.14
(11,2383)	1:119:A:LEU:HD21	1:121:A:VAL:H	2	0.14	0.02	0.14
(11,2383)	1:119:A:LEU:HD22	1:121:A:VAL:H	2	0.14	0.02	0.14
(11,2383)	1:119:A:LEU:HD23	1:121:A:VAL:H	2	0.14	0.02	0.14
(13,1590)	1:149:A:ALA:HB1	1:151:A:PHE:HA	2	0.14	0.02	0.14
(13,1590)	1:149:A:ALA:HB2	1:151:A:PHE:HA	2	0.14	0.02	0.14
(13,1590)	1:149:A:ALA:HB3	1:151:A:PHE:HA	2	0.14	0.02	0.14
(15,625)	1:118:A:ASP:H	1:120:A:CYS:H	2	0.14	0.01	0.14
(15,1248)	1:37:A:LEU:H	1:37:A:LEU:HD11	2	0.14	0.01	0.14
(15,1248)	1:37:A:LEU:H	1:37:A:LEU:HD12	2	0.14	0.01	0.14
(15,1248)	1:37:A:LEU:H	1:37:A:LEU:HD13	2	0.14	0.01	0.14
(16,129)	1:42:A:GLU:H	1:42:A:GLU:HB3	2	0.14	0.01	0.14
(16,1251)	1:37:A:LEU:H	1:37:A:LEU:HD11	2	0.14	0.01	0.14
(16,1251)	1:37:A:LEU:H	1:37:A:LEU:HD12	2	0.14	0.01	0.14
(16,1251)	1:37:A:LEU:H	1:37:A:LEU:HD13	2	0.14	0.01	0.14
(16,1609)	1:149:A:ALA:HB1	1:151:A:PHE:HA	2	0.14	0.02	0.14
(16,1609)	1:149:A:ALA:HB2	1:151:A:PHE:HA	2	0.14	0.02	0.14
(16,1609)	1:149:A:ALA:HB3	1:151:A:PHE:HA	2	0.14	0.02	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(16,1876)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	2	0.14	0.04	0.14
(16,1876)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	2	0.14	0.04	0.14
(16,1876)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	2	0.14	0.04	0.14
(17,389)	1:105:A:LYS:HD2	1:106:A:ASP:H	2	0.14	0.02	0.14
(17,389)	1:105:A:LYS:HD3	1:106:A:ASP:H	2	0.14	0.02	0.14
(17,1257)	1:37:A:LEU:H	1:37:A:LEU:HD11	2	0.14	0.01	0.14
(17,1257)	1:37:A:LEU:H	1:37:A:LEU:HD12	2	0.14	0.01	0.14
(17,1257)	1:37:A:LEU:H	1:37:A:LEU:HD13	2	0.14	0.01	0.14
(17,1442)	1:149:A:ALA:HB1	1:150:A:THR:HG21	2	0.14	0.02	0.14
(17,1442)	1:149:A:ALA:HB1	1:150:A:THR:HG22	2	0.14	0.02	0.14
(17,1442)	1:149:A:ALA:HB1	1:150:A:THR:HG23	2	0.14	0.02	0.14
(17,1442)	1:149:A:ALA:HB2	1:150:A:THR:HG21	2	0.14	0.02	0.14
(17,1442)	1:149:A:ALA:HB2	1:150:A:THR:HG22	2	0.14	0.02	0.14
(17,1442)	1:149:A:ALA:HB2	1:150:A:THR:HG23	2	0.14	0.02	0.14
(17,1442)	1:149:A:ALA:HB3	1:150:A:THR:HG21	2	0.14	0.02	0.14
(17,1442)	1:149:A:ALA:HB3	1:150:A:THR:HG22	2	0.14	0.02	0.14
(17,1442)	1:149:A:ALA:HB3	1:150:A:THR:HG23	2	0.14	0.02	0.14
(17,1637)	1:149:A:ALA:HB1	1:151:A:PHE:HA	2	0.14	0.02	0.14
(17,1637)	1:149:A:ALA:HB2	1:151:A:PHE:HA	2	0.14	0.02	0.14
(17,1637)	1:149:A:ALA:HB3	1:151:A:PHE:HA	2	0.14	0.02	0.14
(18,631)	1:29:A:LYS:H	1:30:A:LEU:H	2	0.14	0.02	0.14
(18,632)	1:118:A:ASP:H	1:120:A:CYS:H	2	0.14	0.01	0.14
(18,1416)	1:149:A:ALA:HB1	1:150:A:THR:HG21	2	0.14	0.02	0.14
(18,1416)	1:149:A:ALA:HB1	1:150:A:THR:HG22	2	0.14	0.02	0.14
(18,1416)	1:149:A:ALA:HB1	1:150:A:THR:HG23	2	0.14	0.02	0.14
(18,1416)	1:149:A:ALA:HB2	1:150:A:THR:HG21	2	0.14	0.02	0.14
(18,1416)	1:149:A:ALA:HB2	1:150:A:THR:HG22	2	0.14	0.02	0.14
(18,1416)	1:149:A:ALA:HB2	1:150:A:THR:HG23	2	0.14	0.02	0.14
(18,1416)	1:149:A:ALA:HB3	1:150:A:THR:HG21	2	0.14	0.02	0.14
(18,1416)	1:149:A:ALA:HB3	1:150:A:THR:HG22	2	0.14	0.02	0.14
(18,1416)	1:149:A:ALA:HB3	1:150:A:THR:HG23	2	0.14	0.02	0.14
(18,1608)	1:149:A:ALA:HB1	1:151:A:PHE:HA	2	0.14	0.02	0.14
(18,1608)	1:149:A:ALA:HB2	1:151:A:PHE:HA	2	0.14	0.02	0.14
(18,1608)	1:149:A:ALA:HB3	1:151:A:PHE:HA	2	0.14	0.02	0.14
(29,624)	1:118:A:ASP:H	1:120:A:CYS:H	2	0.14	0.01	0.14
(30,1423)	1:149:A:ALA:HB1	1:150:A:THR:HG21	2	0.14	0.02	0.14
(30,1423)	1:149:A:ALA:HB1	1:150:A:THR:HG22	2	0.14	0.02	0.14
(30,1423)	1:149:A:ALA:HB1	1:150:A:THR:HG23	2	0.14	0.02	0.14
(30,1423)	1:149:A:ALA:HB2	1:150:A:THR:HG21	2	0.14	0.02	0.14
(30,1423)	1:149:A:ALA:HB2	1:150:A:THR:HG22	2	0.14	0.02	0.14
(30,1423)	1:149:A:ALA:HB2	1:150:A:THR:HG23	2	0.14	0.02	0.14
(30,1423)	1:149:A:ALA:HB3	1:150:A:THR:HG21	2	0.14	0.02	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,1423)	1:149:A:ALA:HB3	1:150:A:THR:HG22	2	0.14	0.02	0.14
(30,1423)	1:149:A:ALA:HB3	1:150:A:THR:HG23	2	0.14	0.02	0.14
(32,1217)	1:37:A:LEU:H	1:37:A:LEU:HD11	2	0.14	0.01	0.14
(32,1217)	1:37:A:LEU:H	1:37:A:LEU:HD12	2	0.14	0.01	0.14
(32,1217)	1:37:A:LEU:H	1:37:A:LEU:HD13	2	0.14	0.01	0.14
(32,1583)	1:149:A:ALA:HB1	1:151:A:PHE:HA	2	0.14	0.02	0.14
(32,1583)	1:149:A:ALA:HB2	1:151:A:PHE:HA	2	0.14	0.02	0.14
(32,1583)	1:149:A:ALA:HB3	1:151:A:PHE:HA	2	0.14	0.02	0.14
(32,2380)	1:119:A:LEU:HD11	1:121:A:VAL:H	2	0.14	0.02	0.14
(32,2380)	1:119:A:LEU:HD12	1:121:A:VAL:H	2	0.14	0.02	0.14
(32,2380)	1:119:A:LEU:HD13	1:121:A:VAL:H	2	0.14	0.02	0.14
(32,2380)	1:119:A:LEU:HD21	1:121:A:VAL:H	2	0.14	0.02	0.14
(32,2380)	1:119:A:LEU:HD22	1:121:A:VAL:H	2	0.14	0.02	0.14
(32,2380)	1:119:A:LEU:HD23	1:121:A:VAL:H	2	0.14	0.02	0.14
(33,619)	1:118:A:ASP:H	1:120:A:CYS:H	2	0.14	0.01	0.14
(33,1255)	1:37:A:LEU:H	1:37:A:LEU:HD11	2	0.14	0.01	0.14
(33,1255)	1:37:A:LEU:H	1:37:A:LEU:HD12	2	0.14	0.01	0.14
(33,1255)	1:37:A:LEU:H	1:37:A:LEU:HD13	2	0.14	0.01	0.14
(33,1419)	1:149:A:ALA:HB1	1:150:A:THR:HG21	2	0.14	0.02	0.14
(33,1419)	1:149:A:ALA:HB1	1:150:A:THR:HG22	2	0.14	0.02	0.14
(33,1419)	1:149:A:ALA:HB1	1:150:A:THR:HG23	2	0.14	0.02	0.14
(33,1419)	1:149:A:ALA:HB2	1:150:A:THR:HG21	2	0.14	0.02	0.14
(33,1419)	1:149:A:ALA:HB2	1:150:A:THR:HG22	2	0.14	0.02	0.14
(33,1419)	1:149:A:ALA:HB2	1:150:A:THR:HG23	2	0.14	0.02	0.14
(33,1419)	1:149:A:ALA:HB3	1:150:A:THR:HG21	2	0.14	0.02	0.14
(33,1419)	1:149:A:ALA:HB3	1:150:A:THR:HG22	2	0.14	0.02	0.14
(33,1419)	1:149:A:ALA:HB3	1:150:A:THR:HG23	2	0.14	0.02	0.14
(33,2398)	1:119:A:LEU:HD11	1:121:A:VAL:H	2	0.14	0.02	0.14
(33,2398)	1:119:A:LEU:HD12	1:121:A:VAL:H	2	0.14	0.02	0.14
(33,2398)	1:119:A:LEU:HD13	1:121:A:VAL:H	2	0.14	0.02	0.14
(33,2398)	1:119:A:LEU:HD21	1:121:A:VAL:H	2	0.14	0.02	0.14
(33,2398)	1:119:A:LEU:HD22	1:121:A:VAL:H	2	0.14	0.02	0.14
(33,2398)	1:119:A:LEU:HD23	1:121:A:VAL:H	2	0.14	0.02	0.14
(34,1635)	1:149:A:ALA:HB1	1:151:A:PHE:HA	2	0.14	0.02	0.14
(34,1635)	1:149:A:ALA:HB2	1:151:A:PHE:HA	2	0.14	0.02	0.14
(34,1635)	1:149:A:ALA:HB3	1:151:A:PHE:HA	2	0.14	0.02	0.14
(34,2395)	1:119:A:LEU:HD11	1:121:A:VAL:H	2	0.14	0.02	0.14
(34,2395)	1:119:A:LEU:HD12	1:121:A:VAL:H	2	0.14	0.02	0.14
(34,2395)	1:119:A:LEU:HD13	1:121:A:VAL:H	2	0.14	0.02	0.14
(34,2395)	1:119:A:LEU:HD21	1:121:A:VAL:H	2	0.14	0.02	0.14
(34,2395)	1:119:A:LEU:HD22	1:121:A:VAL:H	2	0.14	0.02	0.14
(34,2395)	1:119:A:LEU:HD23	1:121:A:VAL:H	2	0.14	0.02	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1113)	1:42:A:GLU:HA	1:44:A:GLU:H	2	0.13	0.02	0.13
(1,1508)	1:47:A:ALA:HB1	1:48:A:ARG:HB2	2	0.13	0.01	0.13
(1,1508)	1:47:A:ALA:HB1	1:48:A:ARG:HB3	2	0.13	0.01	0.13
(1,1508)	1:47:A:ALA:HB2	1:48:A:ARG:HB2	2	0.13	0.01	0.13
(1,1508)	1:47:A:ALA:HB2	1:48:A:ARG:HB3	2	0.13	0.01	0.13
(1,1508)	1:47:A:ALA:HB3	1:48:A:ARG:HB2	2	0.13	0.01	0.13
(1,1508)	1:47:A:ALA:HB3	1:48:A:ARG:HB3	2	0.13	0.01	0.13
(1,2387)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	2	0.13	0.01	0.13
(1,2387)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	2	0.13	0.01	0.13
(2,737)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	2	0.13	0.02	0.13
(2,737)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	2	0.13	0.02	0.13
(2,1094)	1:42:A:GLU:HA	1:44:A:GLU:H	2	0.13	0.02	0.13
(2,2479)	1:151:A:PHE:H	1:151:A:PHE:HB2	2	0.13	0.0	0.13
(2,2479)	1:151:A:PHE:H	1:151:A:PHE:HB3	2	0.13	0.0	0.13
(3,1522)	1:47:A:ALA:HB1	1:48:A:ARG:HB2	2	0.13	0.01	0.13
(3,1522)	1:47:A:ALA:HB1	1:48:A:ARG:HB3	2	0.13	0.01	0.13
(3,1522)	1:47:A:ALA:HB2	1:48:A:ARG:HB2	2	0.13	0.01	0.13
(3,1522)	1:47:A:ALA:HB2	1:48:A:ARG:HB3	2	0.13	0.01	0.13
(3,1522)	1:47:A:ALA:HB3	1:48:A:ARG:HB2	2	0.13	0.01	0.13
(3,1522)	1:47:A:ALA:HB3	1:48:A:ARG:HB3	2	0.13	0.01	0.13
(3,2336)	1:100:A:ALA:HA	1:119:A:LEU:HD11	2	0.13	0.02	0.13
(3,2336)	1:100:A:ALA:HA	1:119:A:LEU:HD12	2	0.13	0.02	0.13
(3,2336)	1:100:A:ALA:HA	1:119:A:LEU:HD13	2	0.13	0.02	0.13
(3,2336)	1:100:A:ALA:HA	1:119:A:LEU:HD21	2	0.13	0.02	0.13
(3,2336)	1:100:A:ALA:HA	1:119:A:LEU:HD22	2	0.13	0.02	0.13
(3,2336)	1:100:A:ALA:HA	1:119:A:LEU:HD23	2	0.13	0.02	0.13
(3,2444)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	2	0.13	0.01	0.13
(3,2444)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	2	0.13	0.01	0.13
(4,265)	1:39:A:VAL:H	1:139:A:LEU:HD11	2	0.13	0.01	0.13
(4,265)	1:39:A:VAL:H	1:139:A:LEU:HD12	2	0.13	0.01	0.13
(4,265)	1:39:A:VAL:H	1:139:A:LEU:HD13	2	0.13	0.01	0.13
(4,1084)	1:42:A:GLU:HA	1:44:A:GLU:H	2	0.13	0.02	0.13
(4,1479)	1:47:A:ALA:HB1	1:48:A:ARG:HB2	2	0.13	0.01	0.13
(4,1479)	1:47:A:ALA:HB1	1:48:A:ARG:HB3	2	0.13	0.01	0.13
(4,1479)	1:47:A:ALA:HB2	1:48:A:ARG:HB2	2	0.13	0.01	0.13
(4,1479)	1:47:A:ALA:HB2	1:48:A:ARG:HB3	2	0.13	0.01	0.13
(4,1479)	1:47:A:ALA:HB3	1:48:A:ARG:HB2	2	0.13	0.01	0.13
(4,1479)	1:47:A:ALA:HB3	1:48:A:ARG:HB3	2	0.13	0.01	0.13
(4,2414)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	2	0.13	0.01	0.13
(4,2414)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	2	0.13	0.01	0.13
(6,733)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	2	0.13	0.02	0.13
(6,733)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	2	0.13	0.02	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(6,1495)	1:47:A:ALA:HB1	1:48:A:ARG:HB2	2	0.13	0.01	0.13
(6,1495)	1:47:A:ALA:HB1	1:48:A:ARG:HB3	2	0.13	0.01	0.13
(6,1495)	1:47:A:ALA:HB2	1:48:A:ARG:HB2	2	0.13	0.01	0.13
(6,1495)	1:47:A:ALA:HB2	1:48:A:ARG:HB3	2	0.13	0.01	0.13
(6,1495)	1:47:A:ALA:HB3	1:48:A:ARG:HB2	2	0.13	0.01	0.13
(6,1495)	1:47:A:ALA:HB3	1:48:A:ARG:HB3	2	0.13	0.01	0.13
(7,1480)	1:47:A:ALA:HB1	1:48:A:ARG:HB2	2	0.13	0.01	0.13
(7,1480)	1:47:A:ALA:HB1	1:48:A:ARG:HB3	2	0.13	0.01	0.13
(7,1480)	1:47:A:ALA:HB2	1:48:A:ARG:HB2	2	0.13	0.01	0.13
(7,1480)	1:47:A:ALA:HB2	1:48:A:ARG:HB3	2	0.13	0.01	0.13
(7,1480)	1:47:A:ALA:HB3	1:48:A:ARG:HB2	2	0.13	0.01	0.13
(7,1480)	1:47:A:ALA:HB3	1:48:A:ARG:HB3	2	0.13	0.01	0.13
(7,2401)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	2	0.13	0.01	0.13
(7,2401)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	2	0.13	0.01	0.13
(9,738)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	2	0.13	0.02	0.13
(9,738)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	2	0.13	0.02	0.13
(9,935)	1:117:A:VAL:HA	1:119:A:LEU:H	2	0.13	0.01	0.13
(9,1547)	1:139:A:LEU:H	1:139:A:LEU:HD11	2	0.13	0.02	0.13
(9,1547)	1:139:A:LEU:H	1:139:A:LEU:HD12	2	0.13	0.02	0.13
(9,1547)	1:139:A:LEU:H	1:139:A:LEU:HD13	2	0.13	0.02	0.13
(9,2135)	1:47:A:ALA:HB1	1:131:A:LEU:HD11	2	0.13	0.02	0.13
(9,2135)	1:47:A:ALA:HB1	1:131:A:LEU:HD12	2	0.13	0.02	0.13
(9,2135)	1:47:A:ALA:HB1	1:131:A:LEU:HD13	2	0.13	0.02	0.13
(9,2135)	1:47:A:ALA:HB1	1:131:A:LEU:HD21	2	0.13	0.02	0.13
(9,2135)	1:47:A:ALA:HB1	1:131:A:LEU:HD22	2	0.13	0.02	0.13
(9,2135)	1:47:A:ALA:HB1	1:131:A:LEU:HD23	2	0.13	0.02	0.13
(9,2135)	1:47:A:ALA:HB2	1:131:A:LEU:HD11	2	0.13	0.02	0.13
(9,2135)	1:47:A:ALA:HB2	1:131:A:LEU:HD12	2	0.13	0.02	0.13
(9,2135)	1:47:A:ALA:HB2	1:131:A:LEU:HD13	2	0.13	0.02	0.13
(9,2135)	1:47:A:ALA:HB2	1:131:A:LEU:HD21	2	0.13	0.02	0.13
(9,2135)	1:47:A:ALA:HB2	1:131:A:LEU:HD22	2	0.13	0.02	0.13
(9,2135)	1:47:A:ALA:HB2	1:131:A:LEU:HD23	2	0.13	0.02	0.13
(9,2135)	1:47:A:ALA:HB3	1:131:A:LEU:HD11	2	0.13	0.02	0.13
(9,2135)	1:47:A:ALA:HB3	1:131:A:LEU:HD12	2	0.13	0.02	0.13
(9,2135)	1:47:A:ALA:HB3	1:131:A:LEU:HD13	2	0.13	0.02	0.13
(9,2135)	1:47:A:ALA:HB3	1:131:A:LEU:HD21	2	0.13	0.02	0.13
(9,2135)	1:47:A:ALA:HB3	1:131:A:LEU:HD22	2	0.13	0.02	0.13
(9,2135)	1:47:A:ALA:HB3	1:131:A:LEU:HD23	2	0.13	0.02	0.13
(11,2121)	1:39:A:VAL:HG11	1:42:A:GLU:HB2	2	0.13	0.0	0.13
(11,2121)	1:39:A:VAL:HG11	1:42:A:GLU:HB3	2	0.13	0.0	0.13
(11,2121)	1:39:A:VAL:HG12	1:42:A:GLU:HB2	2	0.13	0.0	0.13
(11,2121)	1:39:A:VAL:HG12	1:42:A:GLU:HB3	2	0.13	0.0	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(11,2121)	1:39:A:VAL:HG13	1:42:A:GLU:HB2	2	0.13	0.0	0.13
(11,2121)	1:39:A:VAL:HG13	1:42:A:GLU:HB3	2	0.13	0.0	0.13
(11,2121)	1:39:A:VAL:HG21	1:42:A:GLU:HB2	2	0.13	0.0	0.13
(11,2121)	1:39:A:VAL:HG21	1:42:A:GLU:HB3	2	0.13	0.0	0.13
(11,2121)	1:39:A:VAL:HG22	1:42:A:GLU:HB2	2	0.13	0.0	0.13
(11,2121)	1:39:A:VAL:HG22	1:42:A:GLU:HB3	2	0.13	0.0	0.13
(11,2121)	1:39:A:VAL:HG23	1:42:A:GLU:HB2	2	0.13	0.0	0.13
(11,2121)	1:39:A:VAL:HG23	1:42:A:GLU:HB3	2	0.13	0.0	0.13
(11,2404)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	2	0.13	0.01	0.13
(11,2404)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	2	0.13	0.01	0.13
(13,1081)	1:42:A:GLU:HA	1:44:A:GLU:H	2	0.13	0.02	0.13
(13,2395)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	2	0.13	0.01	0.13
(13,2395)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	2	0.13	0.01	0.13
(15,745)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	2	0.13	0.02	0.13
(15,745)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	2	0.13	0.02	0.13
(16,948)	1:117:A:VAL:HA	1:119:A:LEU:H	2	0.13	0.01	0.13
(16,1112)	1:42:A:GLU:HA	1:44:A:GLU:H	2	0.13	0.02	0.13
(16,2168)	1:47:A:ALA:HB1	1:131:A:LEU:HD11	2	0.13	0.02	0.13
(16,2168)	1:47:A:ALA:HB1	1:131:A:LEU:HD12	2	0.13	0.02	0.13
(16,2168)	1:47:A:ALA:HB1	1:131:A:LEU:HD13	2	0.13	0.02	0.13
(16,2168)	1:47:A:ALA:HB1	1:131:A:LEU:HD21	2	0.13	0.02	0.13
(16,2168)	1:47:A:ALA:HB1	1:131:A:LEU:HD22	2	0.13	0.02	0.13
(16,2168)	1:47:A:ALA:HB1	1:131:A:LEU:HD23	2	0.13	0.02	0.13
(16,2168)	1:47:A:ALA:HB2	1:131:A:LEU:HD11	2	0.13	0.02	0.13
(16,2168)	1:47:A:ALA:HB2	1:131:A:LEU:HD12	2	0.13	0.02	0.13
(16,2168)	1:47:A:ALA:HB2	1:131:A:LEU:HD13	2	0.13	0.02	0.13
(16,2168)	1:47:A:ALA:HB2	1:131:A:LEU:HD21	2	0.13	0.02	0.13
(16,2168)	1:47:A:ALA:HB2	1:131:A:LEU:HD22	2	0.13	0.02	0.13
(16,2168)	1:47:A:ALA:HB2	1:131:A:LEU:HD23	2	0.13	0.02	0.13
(16,2168)	1:47:A:ALA:HB3	1:131:A:LEU:HD11	2	0.13	0.02	0.13
(16,2168)	1:47:A:ALA:HB3	1:131:A:LEU:HD12	2	0.13	0.02	0.13
(16,2168)	1:47:A:ALA:HB3	1:131:A:LEU:HD13	2	0.13	0.02	0.13
(16,2168)	1:47:A:ALA:HB3	1:131:A:LEU:HD21	2	0.13	0.02	0.13
(16,2168)	1:47:A:ALA:HB3	1:131:A:LEU:HD22	2	0.13	0.02	0.13
(16,2168)	1:47:A:ALA:HB3	1:131:A:LEU:HD23	2	0.13	0.02	0.13
(17,1111)	1:42:A:GLU:HA	1:44:A:GLU:H	2	0.13	0.02	0.13
(17,1521)	1:47:A:ALA:HB1	1:48:A:ARG:HB2	2	0.13	0.01	0.13
(17,1521)	1:47:A:ALA:HB1	1:48:A:ARG:HB3	2	0.13	0.01	0.13
(17,1521)	1:47:A:ALA:HB2	1:48:A:ARG:HB2	2	0.13	0.01	0.13
(17,1521)	1:47:A:ALA:HB2	1:48:A:ARG:HB3	2	0.13	0.01	0.13
(17,1521)	1:47:A:ALA:HB3	1:48:A:ARG:HB2	2	0.13	0.01	0.13
(17,1521)	1:47:A:ALA:HB3	1:48:A:ARG:HB3	2	0.13	0.01	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(18,272)	1:39:A:VAL:H	1:139:A:LEU:HD11	2	0.13	0.01	0.13
(18,272)	1:39:A:VAL:H	1:139:A:LEU:HD12	2	0.13	0.01	0.13
(18,272)	1:39:A:VAL:H	1:139:A:LEU:HD13	2	0.13	0.01	0.13
(18,893)	1:101:A:ILE:HG13	1:104:A:PHE:HB2	2	0.13	0.01	0.13
(18,2291)	1:100:A:ALA:HA	1:119:A:LEU:HD11	2	0.13	0.02	0.13
(18,2291)	1:100:A:ALA:HA	1:119:A:LEU:HD12	2	0.13	0.02	0.13
(18,2291)	1:100:A:ALA:HA	1:119:A:LEU:HD13	2	0.13	0.02	0.13
(18,2291)	1:100:A:ALA:HA	1:119:A:LEU:HD21	2	0.13	0.02	0.13
(18,2291)	1:100:A:ALA:HA	1:119:A:LEU:HD22	2	0.13	0.02	0.13
(18,2291)	1:100:A:ALA:HA	1:119:A:LEU:HD23	2	0.13	0.02	0.13
(29,1508)	1:47:A:ALA:HB1	1:48:A:ARG:HB2	2	0.13	0.01	0.13
(29,1508)	1:47:A:ALA:HB1	1:48:A:ARG:HB3	2	0.13	0.01	0.13
(29,1508)	1:47:A:ALA:HB2	1:48:A:ARG:HB2	2	0.13	0.01	0.13
(29,1508)	1:47:A:ALA:HB2	1:48:A:ARG:HB3	2	0.13	0.01	0.13
(29,1508)	1:47:A:ALA:HB3	1:48:A:ARG:HB2	2	0.13	0.01	0.13
(29,1508)	1:47:A:ALA:HB3	1:48:A:ARG:HB3	2	0.13	0.01	0.13
(30,740)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	2	0.13	0.02	0.13
(30,740)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	2	0.13	0.02	0.13
(32,727)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	2	0.13	0.02	0.13
(32,727)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	2	0.13	0.02	0.13
(33,741)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	2	0.13	0.02	0.13
(33,741)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	2	0.13	0.02	0.13
(33,842)	1:45:A:ALA:HA	1:48:A:ARG:HD2	2	0.13	0.02	0.13
(33,842)	1:45:A:ALA:HA	1:48:A:ARG:HD3	2	0.13	0.02	0.13
(33,1252)	1:40:A:LEU:HA	1:40:A:LEU:HD11	2	0.13	0.02	0.13
(33,1252)	1:40:A:LEU:HA	1:40:A:LEU:HD12	2	0.13	0.02	0.13
(33,1252)	1:40:A:LEU:HA	1:40:A:LEU:HD13	2	0.13	0.02	0.13
(33,1490)	1:47:A:ALA:HB1	1:48:A:ARG:HB2	2	0.13	0.01	0.13
(33,1490)	1:47:A:ALA:HB1	1:48:A:ARG:HB3	2	0.13	0.01	0.13
(33,1490)	1:47:A:ALA:HB2	1:48:A:ARG:HB2	2	0.13	0.01	0.13
(33,1490)	1:47:A:ALA:HB2	1:48:A:ARG:HB3	2	0.13	0.01	0.13
(33,1490)	1:47:A:ALA:HB3	1:48:A:ARG:HB2	2	0.13	0.01	0.13
(33,1490)	1:47:A:ALA:HB3	1:48:A:ARG:HB3	2	0.13	0.01	0.13
(33,2508)	1:151:A:PHE:H	1:151:A:PHE:HB2	2	0.13	0.0	0.13
(33,2508)	1:151:A:PHE:H	1:151:A:PHE:HB3	2	0.13	0.0	0.13
(34,953)	1:117:A:VAL:HA	1:119:A:LEU:H	2	0.13	0.01	0.13
(34,2171)	1:47:A:ALA:HB1	1:131:A:LEU:HD11	2	0.13	0.02	0.13
(34,2171)	1:47:A:ALA:HB1	1:131:A:LEU:HD12	2	0.13	0.02	0.13
(34,2171)	1:47:A:ALA:HB1	1:131:A:LEU:HD13	2	0.13	0.02	0.13
(34,2171)	1:47:A:ALA:HB1	1:131:A:LEU:HD21	2	0.13	0.02	0.13
(34,2171)	1:47:A:ALA:HB1	1:131:A:LEU:HD22	2	0.13	0.02	0.13
(34,2171)	1:47:A:ALA:HB1	1:131:A:LEU:HD23	2	0.13	0.02	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(34,2171)	1:47:A:ALA:HB2	1:131:A:LEU:HD11	2	0.13	0.02	0.13
(34,2171)	1:47:A:ALA:HB2	1:131:A:LEU:HD12	2	0.13	0.02	0.13
(34,2171)	1:47:A:ALA:HB2	1:131:A:LEU:HD13	2	0.13	0.02	0.13
(34,2171)	1:47:A:ALA:HB2	1:131:A:LEU:HD21	2	0.13	0.02	0.13
(34,2171)	1:47:A:ALA:HB2	1:131:A:LEU:HD22	2	0.13	0.02	0.13
(34,2171)	1:47:A:ALA:HB2	1:131:A:LEU:HD23	2	0.13	0.02	0.13
(34,2171)	1:47:A:ALA:HB3	1:131:A:LEU:HD11	2	0.13	0.02	0.13
(34,2171)	1:47:A:ALA:HB3	1:131:A:LEU:HD12	2	0.13	0.02	0.13
(34,2171)	1:47:A:ALA:HB3	1:131:A:LEU:HD13	2	0.13	0.02	0.13
(34,2171)	1:47:A:ALA:HB3	1:131:A:LEU:HD21	2	0.13	0.02	0.13
(34,2171)	1:47:A:ALA:HB3	1:131:A:LEU:HD22	2	0.13	0.02	0.13
(34,2171)	1:47:A:ALA:HB3	1:131:A:LEU:HD23	2	0.13	0.02	0.13
(2,316)	1:56:A:CYS:HA	1:122:A:ASP:H	2	0.12	0.02	0.12
(3,321)	1:56:A:CYS:HA	1:122:A:ASP:H	2	0.12	0.02	0.12
(4,1565)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	2	0.12	0.02	0.12
(4,1565)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	2	0.12	0.02	0.12
(4,1565)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	2	0.12	0.02	0.12
(5,311)	1:56:A:CYS:HA	1:122:A:ASP:H	2	0.12	0.02	0.12
(5,1598)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	2	0.12	0.02	0.12
(5,1598)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	2	0.12	0.02	0.12
(5,1598)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	2	0.12	0.02	0.12
(6,1584)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	2	0.12	0.02	0.12
(6,1584)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	2	0.12	0.02	0.12
(6,1584)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	2	0.12	0.02	0.12
(9,2100)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	2	0.12	0.02	0.12
(9,2100)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	2	0.12	0.02	0.12
(9,2100)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	2	0.12	0.02	0.12
(9,2100)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	2	0.12	0.02	0.12
(9,2100)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	2	0.12	0.02	0.12
(9,2100)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	2	0.12	0.02	0.12
(11,1614)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	2	0.12	0.02	0.12
(11,1614)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	2	0.12	0.02	0.12
(11,1614)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	2	0.12	0.02	0.12
(13,316)	1:56:A:CYS:HA	1:122:A:ASP:H	2	0.12	0.02	0.12
(15,322)	1:137:A:SER:HB3	1:140:A:LEU:H	2	0.12	0.02	0.12
(16,324)	1:56:A:CYS:HA	1:122:A:ASP:H	2	0.12	0.02	0.12
(16,1571)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	2	0.12	0.02	0.12
(16,1571)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	2	0.12	0.02	0.12
(16,1571)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	2	0.12	0.02	0.12
(17,316)	1:56:A:CYS:HA	1:122:A:ASP:H	2	0.12	0.02	0.12
(17,1601)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	2	0.12	0.02	0.12
(17,1601)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	2	0.12	0.02	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,1601)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	2	0.12	0.02	0.12
(18,329)	1:56:A:CYS:HA	1:122:A:ASP:H	2	0.12	0.02	0.12
(29,317)	1:56:A:CYS:HA	1:122:A:ASP:H	2	0.12	0.02	0.12
(30,319)	1:56:A:CYS:HA	1:122:A:ASP:H	2	0.12	0.02	0.12
(30,1587)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	2	0.12	0.02	0.12
(30,1587)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	2	0.12	0.02	0.12
(30,1587)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	2	0.12	0.02	0.12
(32,1401)	1:115:A:ALA:HB1	1:116:A:GLN:HB2	2	0.12	0.02	0.12
(32,1401)	1:115:A:ALA:HB1	1:116:A:GLN:HB3	2	0.12	0.02	0.12
(32,1401)	1:115:A:ALA:HB2	1:116:A:GLN:HB2	2	0.12	0.02	0.12
(32,1401)	1:115:A:ALA:HB2	1:116:A:GLN:HB3	2	0.12	0.02	0.12
(32,1401)	1:115:A:ALA:HB3	1:116:A:GLN:HB2	2	0.12	0.02	0.12
(32,1401)	1:115:A:ALA:HB3	1:116:A:GLN:HB3	2	0.12	0.02	0.12
(34,326)	1:56:A:CYS:HA	1:122:A:ASP:H	2	0.12	0.02	0.12
(1,1950)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	2	0.12	0.02	0.12
(1,1950)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	2	0.12	0.02	0.12
(1,1950)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	2	0.12	0.02	0.12
(1,1950)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	2	0.12	0.02	0.12
(1,1950)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	2	0.12	0.02	0.12
(1,1950)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	2	0.12	0.02	0.12
(1,1950)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	2	0.12	0.02	0.12
(1,1950)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	2	0.12	0.02	0.12
(1,1950)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	2	0.12	0.02	0.12
(1,1950)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	2	0.12	0.02	0.12
(1,1950)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	2	0.12	0.02	0.12
(1,1950)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	2	0.12	0.02	0.12
(1,1950)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	2	0.12	0.02	0.12
(1,1950)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	2	0.12	0.02	0.12
(1,1950)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	2	0.12	0.02	0.12
(1,1950)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	2	0.12	0.02	0.12
(1,1950)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	2	0.12	0.02	0.12
(1,1950)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	2	0.12	0.02	0.12
(4,1939)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	2	0.12	0.02	0.12
(4,1939)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	2	0.12	0.02	0.12
(4,1939)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	2	0.12	0.02	0.12
(4,1939)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	2	0.12	0.02	0.12
(4,1939)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	2	0.12	0.02	0.12
(4,1939)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	2	0.12	0.02	0.12
(4,1939)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	2	0.12	0.02	0.12
(4,1939)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	2	0.12	0.02	0.12
(4,1939)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	2	0.12	0.02	0.12
(4,1939)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	2	0.12	0.02	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(4,1939)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	2	0.12	0.02	0.12
(4,1939)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	2	0.12	0.02	0.12
(4,1939)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	2	0.12	0.02	0.12
(4,1939)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	2	0.12	0.02	0.12
(4,1939)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	2	0.12	0.02	0.12
(4,1939)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	2	0.12	0.02	0.12
(4,1939)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	2	0.12	0.02	0.12
(4,1939)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	2	0.12	0.02	0.12
(11,1974)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	2	0.12	0.02	0.12
(11,1974)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	2	0.12	0.02	0.12
(11,1974)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	2	0.12	0.02	0.12
(11,1974)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	2	0.12	0.02	0.12
(11,1974)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	2	0.12	0.02	0.12
(11,1974)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	2	0.12	0.02	0.12
(11,1974)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	2	0.12	0.02	0.12
(11,1974)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	2	0.12	0.02	0.12
(11,1974)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	2	0.12	0.02	0.12
(11,1974)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	2	0.12	0.02	0.12
(11,1974)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	2	0.12	0.02	0.12
(11,1974)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	2	0.12	0.02	0.12
(11,1974)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	2	0.12	0.02	0.12
(11,1974)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	2	0.12	0.02	0.12
(11,1974)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	2	0.12	0.02	0.12
(11,1974)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	2	0.12	0.02	0.12
(11,1974)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	2	0.12	0.02	0.12
(11,1974)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	2	0.12	0.02	0.12
(17,1977)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	2	0.12	0.02	0.12
(17,1977)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	2	0.12	0.02	0.12
(17,1977)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	2	0.12	0.02	0.12
(17,1977)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	2	0.12	0.02	0.12
(17,1977)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	2	0.12	0.02	0.12
(17,1977)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	2	0.12	0.02	0.12
(17,1977)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	2	0.12	0.02	0.12
(17,1977)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	2	0.12	0.02	0.12
(17,1977)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	2	0.12	0.02	0.12
(17,1977)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	2	0.12	0.02	0.12
(17,1977)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	2	0.12	0.02	0.12
(17,1977)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	2	0.12	0.02	0.12
(17,1977)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	2	0.12	0.02	0.12
(17,1977)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	2	0.12	0.02	0.12
(17,1977)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	2	0.12	0.02	0.12
(17,1977)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	2	0.12	0.02	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,1977)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	2	0.12	0.02	0.12
(17,1977)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	2	0.12	0.02	0.12
(32,1844)	1:71:A:LYS:HG3	1:72:A:PHE:HD1	2	0.12	0.02	0.12
(32,1844)	1:71:A:LYS:HG3	1:72:A:PHE:HD2	2	0.12	0.02	0.12
(33,1949)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	2	0.12	0.02	0.12
(33,1949)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	2	0.12	0.02	0.12
(33,1949)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	2	0.12	0.02	0.12
(33,1949)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	2	0.12	0.02	0.12
(33,1949)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	2	0.12	0.02	0.12
(33,1949)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	2	0.12	0.02	0.12
(33,1949)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	2	0.12	0.02	0.12
(33,1949)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	2	0.12	0.02	0.12
(33,1949)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	2	0.12	0.02	0.12
(33,1949)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	2	0.12	0.02	0.12
(33,1949)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	2	0.12	0.02	0.12
(33,1949)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	2	0.12	0.02	0.12
(33,1949)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	2	0.12	0.02	0.12
(33,1949)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	2	0.12	0.02	0.12
(33,1949)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	2	0.12	0.02	0.12
(33,1949)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	2	0.12	0.02	0.12
(33,1949)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	2	0.12	0.02	0.12
(33,1949)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	2	0.12	0.02	0.12
(1,1408)	1:129:A:LYS:HA	1:132:A:ALA:HB1	2	0.12	0.01	0.12
(1,1408)	1:129:A:LYS:HA	1:132:A:ALA:HB2	2	0.12	0.01	0.12
(1,1408)	1:129:A:LYS:HA	1:132:A:ALA:HB3	2	0.12	0.01	0.12
(2,397)	1:128:A:LEU:H	1:128:A:LEU:HD11	2	0.12	0.0	0.12
(2,397)	1:128:A:LEU:H	1:128:A:LEU:HD12	2	0.12	0.0	0.12
(2,397)	1:128:A:LEU:H	1:128:A:LEU:HD13	2	0.12	0.0	0.12
(2,705)	1:23:A:LEU:HD21	1:27:A:ARG:HE	2	0.12	0.0	0.12
(2,705)	1:23:A:LEU:HD22	1:27:A:ARG:HE	2	0.12	0.0	0.12
(2,705)	1:23:A:LEU:HD23	1:27:A:ARG:HE	2	0.12	0.0	0.12
(3,1428)	1:129:A:LYS:HA	1:132:A:ALA:HB1	2	0.12	0.01	0.12
(3,1428)	1:129:A:LYS:HA	1:132:A:ALA:HB2	2	0.12	0.01	0.12
(3,1428)	1:129:A:LYS:HA	1:132:A:ALA:HB3	2	0.12	0.01	0.12
(4,1385)	1:129:A:LYS:HA	1:132:A:ALA:HB1	2	0.12	0.01	0.12
(4,1385)	1:129:A:LYS:HA	1:132:A:ALA:HB2	2	0.12	0.01	0.12
(4,1385)	1:129:A:LYS:HA	1:132:A:ALA:HB3	2	0.12	0.01	0.12
(7,1385)	1:129:A:LYS:HA	1:132:A:ALA:HB1	2	0.12	0.01	0.12
(7,1385)	1:129:A:LYS:HA	1:132:A:ALA:HB2	2	0.12	0.01	0.12
(7,1385)	1:129:A:LYS:HA	1:132:A:ALA:HB3	2	0.12	0.01	0.12
(9,702)	1:23:A:LEU:HD21	1:27:A:ARG:HE	2	0.12	0.0	0.12
(9,702)	1:23:A:LEU:HD22	1:27:A:ARG:HE	2	0.12	0.0	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(9,702)	1:23:A:LEU:HD23	1:27:A:ARG:HE	2	0.12	0.0	0.12
(11,1424)	1:129:A:LYS:HA	1:132:A:ALA:HB1	2	0.12	0.01	0.12
(11,1424)	1:129:A:LYS:HA	1:132:A:ALA:HB2	2	0.12	0.01	0.12
(11,1424)	1:129:A:LYS:HA	1:132:A:ALA:HB3	2	0.12	0.01	0.12
(18,880)	1:121:A:VAL:HA	1:122:A:ASP:HB2	2	0.12	0.0	0.12
(18,1398)	1:129:A:LYS:HA	1:132:A:ALA:HB1	2	0.12	0.01	0.12
(18,1398)	1:129:A:LYS:HA	1:132:A:ALA:HB2	2	0.12	0.01	0.12
(18,1398)	1:129:A:LYS:HA	1:132:A:ALA:HB3	2	0.12	0.01	0.12
(24,3)	1:66:A:THR:HG1	1:112:A:GLN:OE1	2	0.12	0.01	0.12
(33,1403)	1:129:A:LYS:HA	1:132:A:ALA:HB1	2	0.12	0.01	0.12
(33,1403)	1:129:A:LYS:HA	1:132:A:ALA:HB2	2	0.12	0.01	0.12
(33,1403)	1:129:A:LYS:HA	1:132:A:ALA:HB3	2	0.12	0.01	0.12
(34,880)	1:121:A:VAL:HA	1:122:A:ASP:HB2	2	0.12	0.0	0.12
(34,2009)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	2	0.12	0.0	0.12
(34,2009)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	2	0.12	0.0	0.12
(34,2009)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	2	0.12	0.0	0.12
(34,2009)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	2	0.12	0.0	0.12
(34,2009)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	2	0.12	0.0	0.12
(34,2009)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	2	0.12	0.0	0.12
(34,2009)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	2	0.12	0.0	0.12
(34,2009)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	2	0.12	0.0	0.12
(34,2009)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	2	0.12	0.0	0.12
(34,2009)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	2	0.12	0.0	0.12
(34,2009)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	2	0.12	0.0	0.12
(34,2009)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	2	0.12	0.0	0.12
(34,2009)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	2	0.12	0.0	0.12
(34,2009)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	2	0.12	0.0	0.12
(34,2009)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	2	0.12	0.0	0.12
(34,2009)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	2	0.12	0.0	0.12
(34,2009)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	2	0.12	0.0	0.12
(34,2009)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	2	0.12	0.0	0.12
(1,213)	1:99:A:PRO:HA	1:101:A:ILE:H	2	0.12	0.02	0.12
(6,200)	1:99:A:PRO:HA	1:101:A:ILE:H	2	0.12	0.02	0.12
(7,202)	1:99:A:PRO:HA	1:101:A:ILE:H	2	0.12	0.02	0.12
(9,204)	1:99:A:PRO:HA	1:101:A:ILE:H	2	0.12	0.02	0.12
(11,199)	1:99:A:PRO:HA	1:101:A:ILE:H	2	0.12	0.02	0.12
(13,199)	1:99:A:PRO:HA	1:101:A:ILE:H	2	0.12	0.02	0.12
(19,22)	1:59:A:CYS:SG	1:120:A:CYS:CB	2	0.12	0.02	0.12
(28,2)	1:59:A:CYS:SG	1:120:A:CYS:CB	2	0.12	0.02	0.12
(30,200)	1:99:A:PRO:HA	1:101:A:ILE:H	2	0.12	0.02	0.12
(1,1702)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.12	0.0	0.12
(1,1702)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.12	0.0	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1702)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.12	0.0	0.12
(2,1706)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.12	0.0	0.12
(2,1706)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.12	0.0	0.12
(2,1706)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.12	0.0	0.12
(3,1718)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.12	0.0	0.12
(3,1718)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.12	0.0	0.12
(3,1718)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.12	0.0	0.12
(4,1668)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.12	0.0	0.12
(4,1668)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.12	0.0	0.12
(4,1668)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.12	0.0	0.12
(5,1711)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.12	0.0	0.12
(5,1711)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.12	0.0	0.12
(5,1711)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.12	0.0	0.12
(6,1690)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.12	0.0	0.12
(6,1690)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.12	0.0	0.12
(6,1690)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.12	0.0	0.12
(7,1658)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.12	0.0	0.12
(7,1658)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.12	0.0	0.12
(7,1658)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.12	0.0	0.12
(9,1683)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.12	0.0	0.12
(9,1683)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.12	0.0	0.12
(9,1683)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.12	0.0	0.12
(11,1725)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.12	0.0	0.12
(11,1725)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.12	0.0	0.12
(11,1725)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.12	0.0	0.12
(13,1657)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.12	0.0	0.12
(13,1657)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.12	0.0	0.12
(13,1657)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.12	0.0	0.12
(13,1999)	1:23:A:LEU:H	1:23:A:LEU:HD11	2	0.12	0.0	0.12
(13,1999)	1:23:A:LEU:H	1:23:A:LEU:HD12	2	0.12	0.0	0.12
(13,1999)	1:23:A:LEU:H	1:23:A:LEU:HD13	2	0.12	0.0	0.12
(13,1999)	1:23:A:LEU:H	1:23:A:LEU:HD21	2	0.12	0.0	0.12
(13,1999)	1:23:A:LEU:H	1:23:A:LEU:HD22	2	0.12	0.0	0.12
(13,1999)	1:23:A:LEU:H	1:23:A:LEU:HD23	2	0.12	0.0	0.12
(15,1685)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.12	0.0	0.12
(15,1685)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.12	0.0	0.12
(15,1685)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.12	0.0	0.12
(16,1683)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.12	0.0	0.12
(16,1683)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.12	0.0	0.12
(16,1683)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.12	0.0	0.12
(17,1707)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.12	0.0	0.12
(17,1707)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.12	0.0	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(17,1707)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.12	0.0	0.12
(18,1675)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.12	0.0	0.12
(18,1675)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.12	0.0	0.12
(18,1675)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.12	0.0	0.12
(29,1709)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.12	0.0	0.12
(29,1709)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.12	0.0	0.12
(29,1709)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.12	0.0	0.12
(30,1695)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.12	0.0	0.12
(30,1695)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.12	0.0	0.12
(30,1695)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.12	0.0	0.12
(32,1645)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.12	0.0	0.12
(32,1645)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.12	0.0	0.12
(32,1645)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.12	0.0	0.12
(33,1681)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.12	0.0	0.12
(33,1681)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.12	0.0	0.12
(33,1681)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.12	0.0	0.12
(34,1701)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.12	0.0	0.12
(34,1701)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.12	0.0	0.12
(34,1701)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.12	0.0	0.12
(1,1252)	1:37:A:LEU:HD11	1:38:A:GLU:HA	2	0.11	0.0	0.11
(1,1252)	1:37:A:LEU:HD12	1:38:A:GLU:HA	2	0.11	0.0	0.11
(1,1252)	1:37:A:LEU:HD13	1:38:A:GLU:HA	2	0.11	0.0	0.11
(2,2004)	1:14:A:VAL:HB	1:57:A:LEU:HD11	2	0.11	0.01	0.11
(2,2004)	1:14:A:VAL:HB	1:57:A:LEU:HD12	2	0.11	0.01	0.11
(2,2004)	1:14:A:VAL:HB	1:57:A:LEU:HD13	2	0.11	0.01	0.11
(2,2004)	1:14:A:VAL:HB	1:57:A:LEU:HD21	2	0.11	0.01	0.11
(2,2004)	1:14:A:VAL:HB	1:57:A:LEU:HD22	2	0.11	0.01	0.11
(2,2004)	1:14:A:VAL:HB	1:57:A:LEU:HD23	2	0.11	0.01	0.11
(7,1227)	1:37:A:LEU:HD11	1:38:A:GLU:HA	2	0.11	0.0	0.11
(7,1227)	1:37:A:LEU:HD12	1:38:A:GLU:HA	2	0.11	0.0	0.11
(7,1227)	1:37:A:LEU:HD13	1:38:A:GLU:HA	2	0.11	0.0	0.11
(17,1258)	1:37:A:LEU:HD11	1:38:A:GLU:HA	2	0.11	0.0	0.11
(17,1258)	1:37:A:LEU:HD12	1:38:A:GLU:HA	2	0.11	0.0	0.11
(17,1258)	1:37:A:LEU:HD13	1:38:A:GLU:HA	2	0.11	0.0	0.11
(24,17)	1:60:A:LEU:H	1:56:A:CYS:O	2	0.11	0.0	0.11
(32,1219)	1:37:A:LEU:HD11	1:38:A:GLU:HA	2	0.11	0.0	0.11
(32,1219)	1:37:A:LEU:HD12	1:38:A:GLU:HA	2	0.11	0.0	0.11
(32,1219)	1:37:A:LEU:HD13	1:38:A:GLU:HA	2	0.11	0.0	0.11
(33,1948)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	2	0.11	0.01	0.11
(33,1948)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	2	0.11	0.01	0.11
(33,1948)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	2	0.11	0.01	0.11
(33,1948)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	2	0.11	0.01	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(33,1948)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	2	0.11	0.01	0.11
(33,1948)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	2	0.11	0.01	0.11
(33,1948)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	2	0.11	0.01	0.11
(33,1948)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	2	0.11	0.01	0.11
(33,1948)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	2	0.11	0.01	0.11
(33,1948)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	2	0.11	0.01	0.11
(33,1948)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	2	0.11	0.01	0.11
(33,1948)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	2	0.11	0.01	0.11
(33,1948)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	2	0.11	0.01	0.11
(33,1948)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	2	0.11	0.01	0.11
(33,1948)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	2	0.11	0.01	0.11
(33,1948)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	2	0.11	0.01	0.11
(33,1948)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	2	0.11	0.01	0.11
(33,1948)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	2	0.11	0.01	0.11
(34,1901)	1:18:A:PHE:HE1	1:60:A:LEU:HB2	2	0.11	0.01	0.11
(34,1901)	1:18:A:PHE:HE2	1:60:A:LEU:HB2	2	0.11	0.01	0.11
(1,2144)	1:47:A:ALA:H	1:57:A:LEU:HD11	2	0.11	0.0	0.11
(1,2144)	1:47:A:ALA:H	1:57:A:LEU:HD12	2	0.11	0.0	0.11
(1,2144)	1:47:A:ALA:H	1:57:A:LEU:HD13	2	0.11	0.0	0.11
(1,2144)	1:47:A:ALA:H	1:57:A:LEU:HD21	2	0.11	0.0	0.11
(1,2144)	1:47:A:ALA:H	1:57:A:LEU:HD22	2	0.11	0.0	0.11
(1,2144)	1:47:A:ALA:H	1:57:A:LEU:HD23	2	0.11	0.0	0.11
(1,2331)	1:114:A:ILE:H	1:114:A:ILE:HG12	2	0.11	0.0	0.11
(1,2331)	1:114:A:ILE:H	1:114:A:ILE:HG13	2	0.11	0.0	0.11
(3,1637)	1:119:A:LEU:HB3	1:121:A:VAL:HG21	2	0.11	0.0	0.11
(3,1637)	1:119:A:LEU:HB3	1:121:A:VAL:HG22	2	0.11	0.0	0.11
(3,1637)	1:119:A:LEU:HB3	1:121:A:VAL:HG23	2	0.11	0.0	0.11
(9,2017)	1:23:A:LEU:H	1:23:A:LEU:HD11	2	0.11	0.0	0.11
(9,2017)	1:23:A:LEU:H	1:23:A:LEU:HD12	2	0.11	0.0	0.11
(9,2017)	1:23:A:LEU:H	1:23:A:LEU:HD13	2	0.11	0.0	0.11
(9,2017)	1:23:A:LEU:H	1:23:A:LEU:HD21	2	0.11	0.0	0.11
(9,2017)	1:23:A:LEU:H	1:23:A:LEU:HD22	2	0.11	0.0	0.11
(9,2017)	1:23:A:LEU:H	1:23:A:LEU:HD23	2	0.11	0.0	0.11
(16,1593)	1:119:A:LEU:HB3	1:121:A:VAL:HG21	2	0.11	0.0	0.11
(16,1593)	1:119:A:LEU:HB3	1:121:A:VAL:HG22	2	0.11	0.0	0.11
(16,1593)	1:119:A:LEU:HB3	1:121:A:VAL:HG23	2	0.11	0.0	0.11
(18,1589)	1:119:A:LEU:HB3	1:121:A:VAL:HG21	2	0.11	0.0	0.11
(18,1589)	1:119:A:LEU:HB3	1:121:A:VAL:HG22	2	0.11	0.0	0.11
(18,1589)	1:119:A:LEU:HB3	1:121:A:VAL:HG23	2	0.11	0.0	0.11
(30,2029)	1:23:A:LEU:H	1:23:A:LEU:HD11	2	0.11	0.0	0.11
(30,2029)	1:23:A:LEU:H	1:23:A:LEU:HD12	2	0.11	0.0	0.11
(30,2029)	1:23:A:LEU:H	1:23:A:LEU:HD13	2	0.11	0.0	0.11

Continued on next page...

Continued from previous page...

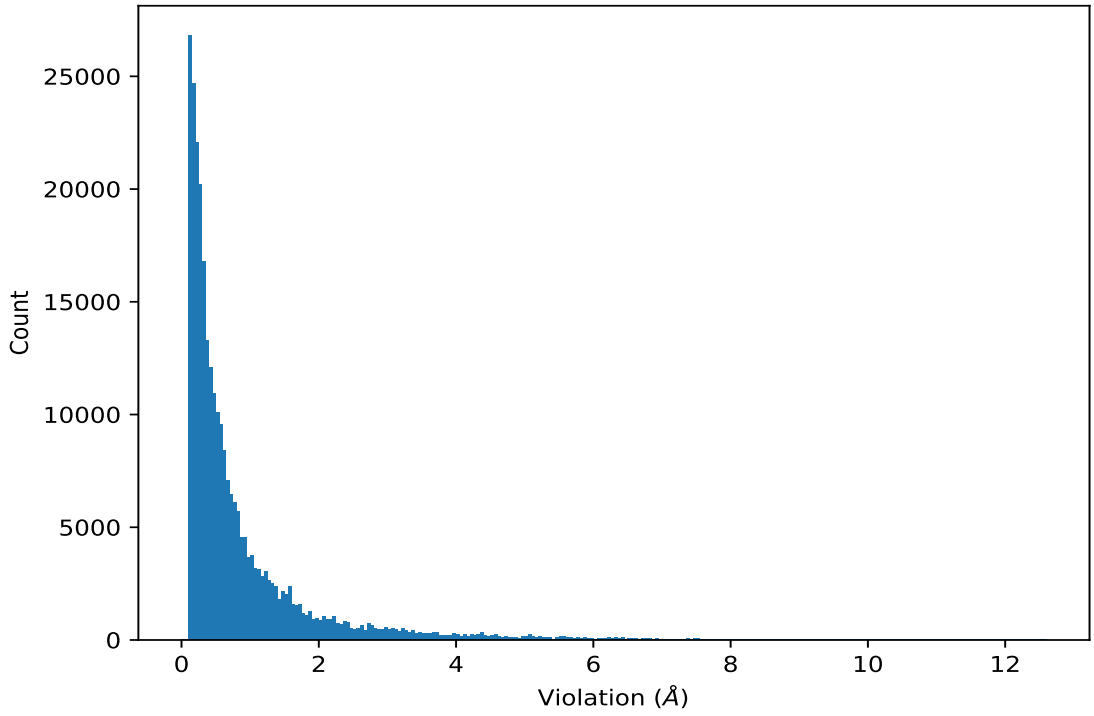
Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(30,2029)	1:23:A:LEU:H	1:23:A:LEU:HD21	2	0.11	0.0	0.11
(30,2029)	1:23:A:LEU:H	1:23:A:LEU:HD22	2	0.11	0.0	0.11
(30,2029)	1:23:A:LEU:H	1:23:A:LEU:HD23	2	0.11	0.0	0.11
(34,2459)	1:139:A:LEU:H	1:139:A:LEU:HD11	2	0.11	0.0	0.11
(34,2459)	1:139:A:LEU:H	1:139:A:LEU:HD12	2	0.11	0.0	0.11
(34,2459)	1:139:A:LEU:H	1:139:A:LEU:HD13	2	0.11	0.0	0.11
(34,2459)	1:139:A:LEU:H	1:139:A:LEU:HD21	2	0.11	0.0	0.11
(34,2459)	1:139:A:LEU:H	1:139:A:LEU:HD22	2	0.11	0.0	0.11
(34,2459)	1:139:A:LEU:H	1:139:A:LEU:HD23	2	0.11	0.0	0.11
(1,2385)	1:129:A:LYS:HA	1:129:A:LYS:HG2	2	0.1	0.0	0.1
(1,2385)	1:129:A:LYS:HA	1:129:A:LYS:HG3	2	0.1	0.0	0.1
(4,2411)	1:129:A:LYS:HA	1:129:A:LYS:HG2	2	0.1	0.0	0.1
(4,2411)	1:129:A:LYS:HA	1:129:A:LYS:HG3	2	0.1	0.0	0.1

[1]Number of violated models, [2]Standard deviation

9.5 All violated distance restraints

9.5.1 Histogram : Distribution of distance violations

The following histogram shows the distribution of the absolute value of the violation for all violated restraints in the ensemble.



9.5.2 Table : All distance violations (i)

The following table lists the absolute value of the violation for each restraint in the ensemble sorted by its value. The Key (restraint list ID, restraint ID) is the unique identifier for a given restraint. Rows with same key represent combinatorial or ambiguous restraints and are counted as a single restraint.

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,748)	1:43:A:MET:HE1	1:147:A:ARG:HE	9	12.56
(5,748)	1:43:A:MET:HE2	1:147:A:ARG:HE	9	12.56
(5,748)	1:43:A:MET:HE3	1:147:A:ARG:HE	9	12.56
(17,756)	1:43:A:MET:HE1	1:147:A:ARG:HE	9	12.3
(17,756)	1:43:A:MET:HE2	1:147:A:ARG:HE	9	12.3
(17,756)	1:43:A:MET:HE3	1:147:A:ARG:HE	9	12.3
(5,748)	1:43:A:MET:HE1	1:147:A:ARG:HE	6	12.21
(5,748)	1:43:A:MET:HE2	1:147:A:ARG:HE	6	12.21
(5,748)	1:43:A:MET:HE3	1:147:A:ARG:HE	6	12.21
(5,748)	1:43:A:MET:HE1	1:147:A:ARG:HE	19	12.19
(5,748)	1:43:A:MET:HE2	1:147:A:ARG:HE	19	12.19
(5,748)	1:43:A:MET:HE3	1:147:A:ARG:HE	19	12.19
(17,756)	1:43:A:MET:HE1	1:147:A:ARG:HE	6	11.95
(17,756)	1:43:A:MET:HE2	1:147:A:ARG:HE	6	11.95
(17,756)	1:43:A:MET:HE3	1:147:A:ARG:HE	6	11.95
(17,756)	1:43:A:MET:HE1	1:147:A:ARG:HE	19	11.93
(17,756)	1:43:A:MET:HE2	1:147:A:ARG:HE	19	11.93
(17,756)	1:43:A:MET:HE3	1:147:A:ARG:HE	19	11.93
(5,748)	1:43:A:MET:HE1	1:147:A:ARG:HE	3	11.71
(5,748)	1:43:A:MET:HE2	1:147:A:ARG:HE	3	11.71
(5,748)	1:43:A:MET:HE3	1:147:A:ARG:HE	3	11.71
(17,756)	1:43:A:MET:HE1	1:147:A:ARG:HE	3	11.45
(17,756)	1:43:A:MET:HE2	1:147:A:ARG:HE	3	11.45
(17,756)	1:43:A:MET:HE3	1:147:A:ARG:HE	3	11.45
(1,192)	1:68:A:LYS:HE2	1:93:A:GLU:H	12	11.3
(1,192)	1:68:A:LYS:HE3	1:93:A:GLU:H	12	11.3
(5,748)	1:43:A:MET:HE1	1:147:A:ARG:HE	15	11.24
(5,748)	1:43:A:MET:HE2	1:147:A:ARG:HE	15	11.24
(5,748)	1:43:A:MET:HE3	1:147:A:ARG:HE	15	11.24
(17,756)	1:43:A:MET:HE1	1:147:A:ARG:HE	15	10.98
(17,756)	1:43:A:MET:HE2	1:147:A:ARG:HE	15	10.98
(17,756)	1:43:A:MET:HE3	1:147:A:ARG:HE	15	10.98
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD2	19	10.95
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD3	19	10.95
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD2	19	10.95
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD3	19	10.95
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD2	19	10.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD3	19	10.95
(5,748)	1:43:A:MET:HE1	1:147:A:ARG:HE	4	10.7
(5,748)	1:43:A:MET:HE2	1:147:A:ARG:HE	4	10.7
(5,748)	1:43:A:MET:HE3	1:147:A:ARG:HE	4	10.7
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD2	19	10.61
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD3	19	10.61
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD2	19	10.61
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD3	19	10.61
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD2	19	10.61
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD3	19	10.61
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD2	6	10.57
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD3	6	10.57
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD2	6	10.57
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD3	6	10.57
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD2	6	10.57
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD3	6	10.57
(5,748)	1:43:A:MET:HE1	1:147:A:ARG:HE	11	10.49
(5,748)	1:43:A:MET:HE2	1:147:A:ARG:HE	11	10.49
(5,748)	1:43:A:MET:HE3	1:147:A:ARG:HE	11	10.49
(17,756)	1:43:A:MET:HE1	1:147:A:ARG:HE	4	10.44
(17,756)	1:43:A:MET:HE2	1:147:A:ARG:HE	4	10.44
(17,756)	1:43:A:MET:HE3	1:147:A:ARG:HE	4	10.44
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG2	10	10.34
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG3	10	10.34
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG2	10	10.34
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG3	10	10.34
(17,756)	1:43:A:MET:HE1	1:147:A:ARG:HE	11	10.23
(17,756)	1:43:A:MET:HE2	1:147:A:ARG:HE	11	10.23
(17,756)	1:43:A:MET:HE3	1:147:A:ARG:HE	11	10.23
(1,192)	1:68:A:LYS:HE2	1:93:A:GLU:H	16	10.2
(1,192)	1:68:A:LYS:HE3	1:93:A:GLU:H	16	10.2
(7,742)	1:20:A:THR:HB	1:134:A:VAL:H	13	10.19
(16,2060)	1:30:A:LEU:HD11	1:79:A:THR:HB	16	10.1
(16,2060)	1:30:A:LEU:HD12	1:79:A:THR:HB	16	10.1
(16,2060)	1:30:A:LEU:HD13	1:79:A:THR:HB	16	10.1
(16,2060)	1:30:A:LEU:HD21	1:79:A:THR:HB	16	10.1
(16,2060)	1:30:A:LEU:HD22	1:79:A:THR:HB	16	10.1
(16,2060)	1:30:A:LEU:HD23	1:79:A:THR:HB	16	10.1
(7,1688)	1:20:A:THR:HG21	1:134:A:VAL:HB	13	10.1
(7,1688)	1:20:A:THR:HG22	1:134:A:VAL:HB	13	10.1
(7,1688)	1:20:A:THR:HG23	1:134:A:VAL:HB	13	10.1
(7,1688)	1:20:A:THR:HG21	1:134:A:VAL:HB	2	10.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1688)	1:20:A:THR:HG22	1:134:A:VAL:HB	2	10.02
(7,1688)	1:20:A:THR:HG23	1:134:A:VAL:HB	2	10.02
(7,742)	1:20:A:THR:HB	1:134:A:VAL:H	2	10.01
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD2	6	9.99
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD3	6	9.99
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD2	6	9.99
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD3	6	9.99
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD2	6	9.99
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD3	6	9.99
(1,763)	1:20:A:THR:HB	1:134:A:VAL:H	13	9.97
(16,1716)	1:21:A:THR:HG21	1:147:A:ARG:HE	19	9.82
(16,1716)	1:21:A:THR:HG22	1:147:A:ARG:HE	19	9.82
(16,1716)	1:21:A:THR:HG23	1:147:A:ARG:HE	19	9.82
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD2	19	9.81
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD3	19	9.81
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD2	19	9.81
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD3	19	9.81
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD2	19	9.81
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD3	19	9.81
(5,748)	1:43:A:MET:HE1	1:147:A:ARG:HE	12	9.81
(5,748)	1:43:A:MET:HE2	1:147:A:ARG:HE	12	9.81
(5,748)	1:43:A:MET:HE3	1:147:A:ARG:HE	12	9.81
(1,763)	1:20:A:THR:HB	1:134:A:VAL:H	2	9.79
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD2	9	9.71
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD3	9	9.71
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD2	9	9.71
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD3	9	9.71
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD2	9	9.71
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD3	9	9.71
(1,192)	1:68:A:LYS:HE2	1:93:A:GLU:H	18	9.61
(1,192)	1:68:A:LYS:HE3	1:93:A:GLU:H	18	9.61
(17,756)	1:43:A:MET:HE1	1:147:A:ARG:HE	12	9.55
(17,756)	1:43:A:MET:HE2	1:147:A:ARG:HE	12	9.55
(17,756)	1:43:A:MET:HE3	1:147:A:ARG:HE	12	9.55
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG2	15	9.55
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG3	15	9.55
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG2	15	9.55
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG3	15	9.55
(7,1690)	1:21:A:THR:HG21	1:147:A:ARG:HE	19	9.53
(7,1690)	1:21:A:THR:HG22	1:147:A:ARG:HE	19	9.53
(7,1690)	1:21:A:THR:HG23	1:147:A:ARG:HE	19	9.53
(1,1736)	1:20:A:THR:HG21	1:134:A:VAL:HB	13	9.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1736)	1:20:A:THR:HG22	1:134:A:VAL:HB	13	9.52
(1,1736)	1:20:A:THR:HG23	1:134:A:VAL:HB	13	9.52
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD2	9	9.51
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD3	9	9.51
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD2	9	9.51
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD3	9	9.51
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD2	9	9.51
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD3	9	9.51
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD2	19	9.48
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD3	19	9.48
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD2	19	9.48
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD3	19	9.48
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD2	19	9.48
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD3	19	9.48
(1,1736)	1:20:A:THR:HG21	1:134:A:VAL:HB	2	9.44
(1,1736)	1:20:A:THR:HG22	1:134:A:VAL:HB	2	9.44
(1,1736)	1:20:A:THR:HG23	1:134:A:VAL:HB	2	9.44
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD2	6	9.43
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD3	6	9.43
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD2	6	9.43
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD3	6	9.43
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD2	6	9.43
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD3	6	9.43
(1,192)	1:68:A:LYS:HE2	1:93:A:GLU:H	15	9.33
(1,192)	1:68:A:LYS:HE3	1:93:A:GLU:H	15	9.33
(1,192)	1:68:A:LYS:HE2	1:93:A:GLU:H	7	9.28
(1,192)	1:68:A:LYS:HE3	1:93:A:GLU:H	7	9.28
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG2	15	9.26
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG3	15	9.26
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG2	15	9.26
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG3	15	9.26
(7,742)	1:20:A:THR:HB	1:134:A:VAL:H	12	9.21
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD2	19	9.19
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD3	19	9.19
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD2	19	9.19
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD3	19	9.19
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD2	19	9.19
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD3	19	9.19
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG2	5	9.19
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG3	5	9.19
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG2	5	9.19
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG3	5	9.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2060)	1:30:A:LEU:HD11	1:79:A:THR:HB	6	9.18
(16,2060)	1:30:A:LEU:HD12	1:79:A:THR:HB	6	9.18
(16,2060)	1:30:A:LEU:HD13	1:79:A:THR:HB	6	9.18
(16,2060)	1:30:A:LEU:HD21	1:79:A:THR:HB	6	9.18
(16,2060)	1:30:A:LEU:HD22	1:79:A:THR:HB	6	9.18
(16,2060)	1:30:A:LEU:HD23	1:79:A:THR:HB	6	9.18
(7,742)	1:20:A:THR:HB	1:134:A:VAL:H	18	9.16
(7,742)	1:20:A:THR:HB	1:134:A:VAL:H	8	9.14
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG2	18	9.1
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG3	18	9.1
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG2	18	9.1
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG3	18	9.1
(16,2059)	1:30:A:LEU:HD11	1:79:A:THR:HA	16	9.09
(16,2059)	1:30:A:LEU:HD12	1:79:A:THR:HA	16	9.09
(16,2059)	1:30:A:LEU:HD13	1:79:A:THR:HA	16	9.09
(16,2059)	1:30:A:LEU:HD21	1:79:A:THR:HA	16	9.09
(16,2059)	1:30:A:LEU:HD22	1:79:A:THR:HA	16	9.09
(16,2059)	1:30:A:LEU:HD23	1:79:A:THR:HA	16	9.09
(29,1560)	1:144:A:LEU:HD21	1:147:A:ARG:HE	4	9.07
(29,1560)	1:144:A:LEU:HD22	1:147:A:ARG:HE	4	9.07
(29,1560)	1:144:A:LEU:HD23	1:147:A:ARG:HE	4	9.07
(15,1536)	1:144:A:LEU:HD21	1:147:A:ARG:HE	4	9.07
(15,1536)	1:144:A:LEU:HD22	1:147:A:ARG:HE	4	9.07
(15,1536)	1:144:A:LEU:HD23	1:147:A:ARG:HE	4	9.07
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG2	7	9.07
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG3	7	9.07
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG2	7	9.07
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG3	7	9.07
(1,192)	1:68:A:LYS:HE2	1:93:A:GLU:H	17	9.05
(1,192)	1:68:A:LYS:HE3	1:93:A:GLU:H	17	9.05
(16,2060)	1:30:A:LEU:HD11	1:79:A:THR:HB	4	9.04
(16,2060)	1:30:A:LEU:HD12	1:79:A:THR:HB	4	9.04
(16,2060)	1:30:A:LEU:HD13	1:79:A:THR:HB	4	9.04
(16,2060)	1:30:A:LEU:HD21	1:79:A:THR:HB	4	9.04
(16,2060)	1:30:A:LEU:HD22	1:79:A:THR:HB	4	9.04
(16,2060)	1:30:A:LEU:HD23	1:79:A:THR:HB	4	9.04
(1,763)	1:20:A:THR:HB	1:134:A:VAL:H	12	8.99
(1,763)	1:20:A:THR:HB	1:134:A:VAL:H	18	8.94
(16,2059)	1:30:A:LEU:HD11	1:79:A:THR:HA	6	8.93
(16,2059)	1:30:A:LEU:HD12	1:79:A:THR:HA	6	8.93
(16,2059)	1:30:A:LEU:HD13	1:79:A:THR:HA	6	8.93
(16,2059)	1:30:A:LEU:HD21	1:79:A:THR:HA	6	8.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2059)	1:30:A:LEU:HD22	1:79:A:THR:HA	6	8.93
(16,2059)	1:30:A:LEU:HD23	1:79:A:THR:HA	6	8.93
(18,1439)	1:31:A:PRO:HD3	1:140:A:LEU:HG	7	8.92
(1,763)	1:20:A:THR:HB	1:134:A:VAL:H	8	8.92
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD2	11	8.9
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD3	11	8.9
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD2	11	8.9
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD3	11	8.9
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD2	11	8.9
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD3	11	8.9
(18,1439)	1:31:A:PRO:HD3	1:140:A:LEU:HG	18	8.86
(33,1618)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	4	8.79
(33,1538)	1:144:A:LEU:HD21	1:147:A:ARG:HE	4	8.79
(33,1538)	1:144:A:LEU:HD22	1:147:A:ARG:HE	4	8.79
(33,1538)	1:144:A:LEU:HD23	1:147:A:ARG:HE	4	8.79
(17,1566)	1:144:A:LEU:HD21	1:147:A:ARG:HE	4	8.79
(17,1566)	1:144:A:LEU:HD22	1:147:A:ARG:HE	4	8.79
(17,1566)	1:144:A:LEU:HD23	1:147:A:ARG:HE	4	8.79
(16,1615)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	4	8.79
(9,1543)	1:144:A:LEU:HD21	1:147:A:ARG:HE	4	8.79
(9,1543)	1:144:A:LEU:HD22	1:147:A:ARG:HE	4	8.79
(9,1543)	1:144:A:LEU:HD23	1:147:A:ARG:HE	4	8.79
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD2	3	8.65
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD3	3	8.65
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD2	3	8.65
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD3	3	8.65
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD2	3	8.65
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD3	3	8.65
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD2	9	8.57
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD3	9	8.57
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD2	9	8.57
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD3	9	8.57
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD2	9	8.57
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD3	9	8.57
(16,2060)	1:30:A:LEU:HD11	1:79:A:THR:HB	18	8.54
(16,2060)	1:30:A:LEU:HD12	1:79:A:THR:HB	18	8.54
(16,2060)	1:30:A:LEU:HD13	1:79:A:THR:HB	18	8.54
(16,2060)	1:30:A:LEU:HD21	1:79:A:THR:HB	18	8.54
(16,2060)	1:30:A:LEU:HD22	1:79:A:THR:HB	18	8.54
(16,2060)	1:30:A:LEU:HD23	1:79:A:THR:HB	18	8.54
(16,2059)	1:30:A:LEU:HD11	1:79:A:THR:HA	18	8.54
(16,2059)	1:30:A:LEU:HD12	1:79:A:THR:HA	18	8.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2059)	1:30:A:LEU:HD13	1:79:A:THR:HA	18	8.54
(16,2059)	1:30:A:LEU:HD21	1:79:A:THR:HA	18	8.54
(16,2059)	1:30:A:LEU:HD22	1:79:A:THR:HA	18	8.54
(16,2059)	1:30:A:LEU:HD23	1:79:A:THR:HA	18	8.54
(1,192)	1:68:A:LYS:HE2	1:93:A:GLU:H	10	8.53
(1,192)	1:68:A:LYS:HE3	1:93:A:GLU:H	10	8.53
(29,1560)	1:144:A:LEU:HD21	1:147:A:ARG:HE	12	8.52
(29,1560)	1:144:A:LEU:HD22	1:147:A:ARG:HE	12	8.52
(29,1560)	1:144:A:LEU:HD23	1:147:A:ARG:HE	12	8.52
(15,1536)	1:144:A:LEU:HD21	1:147:A:ARG:HE	12	8.52
(15,1536)	1:144:A:LEU:HD22	1:147:A:ARG:HE	12	8.52
(15,1536)	1:144:A:LEU:HD23	1:147:A:ARG:HE	12	8.52
(1,192)	1:68:A:LYS:HE2	1:93:A:GLU:H	14	8.5
(1,192)	1:68:A:LYS:HE3	1:93:A:GLU:H	14	8.5
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG2	16	8.41
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG3	16	8.41
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG2	16	8.41
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG3	16	8.41
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG2	12	8.38
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG3	12	8.38
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG2	12	8.38
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG3	12	8.38
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG2	1	8.36
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG3	1	8.36
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG2	1	8.36
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG3	1	8.36
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD2	3	8.35
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD3	3	8.35
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD2	3	8.35
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD3	3	8.35
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD2	3	8.35
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD3	3	8.35
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB2	10	8.35
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB3	10	8.35
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB2	10	8.35
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB3	10	8.35
(29,709)	1:144:A:LEU:HD11	1:147:A:ARG:HE	4	8.3
(29,709)	1:144:A:LEU:HD12	1:147:A:ARG:HE	4	8.3
(29,709)	1:144:A:LEU:HD13	1:147:A:ARG:HE	4	8.3
(15,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	4	8.3
(15,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	4	8.3
(15,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	4	8.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,192)	1:68:A:LYS:HE2	1:93:A:GLU:H	5	8.3
(1,192)	1:68:A:LYS:HE3	1:93:A:GLU:H	5	8.3
(20,4)	1:52:A:CYS:SG	1:123:A:CYS:SG	6	8.28
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE1	11	8.28
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE2	11	8.28
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE3	11	8.28
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE1	11	8.28
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE2	11	8.28
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE3	11	8.28
(33,1538)	1:144:A:LEU:HD21	1:147:A:ARG:HE	12	8.24
(33,1538)	1:144:A:LEU:HD22	1:147:A:ARG:HE	12	8.24
(33,1538)	1:144:A:LEU:HD23	1:147:A:ARG:HE	12	8.24
(17,1566)	1:144:A:LEU:HD21	1:147:A:ARG:HE	12	8.24
(17,1566)	1:144:A:LEU:HD22	1:147:A:ARG:HE	12	8.24
(17,1566)	1:144:A:LEU:HD23	1:147:A:ARG:HE	12	8.24
(9,1543)	1:144:A:LEU:HD21	1:147:A:ARG:HE	12	8.24
(9,1543)	1:144:A:LEU:HD22	1:147:A:ARG:HE	12	8.24
(9,1543)	1:144:A:LEU:HD23	1:147:A:ARG:HE	12	8.24
(15,2495)	1:144:A:LEU:HD11	1:147:A:ARG:HE	4	8.23
(15,2495)	1:144:A:LEU:HD12	1:147:A:ARG:HE	4	8.23
(15,2495)	1:144:A:LEU:HD13	1:147:A:ARG:HE	4	8.23
(15,2495)	1:144:A:LEU:HD21	1:147:A:ARG:HE	4	8.23
(15,2495)	1:144:A:LEU:HD22	1:147:A:ARG:HE	4	8.23
(15,2495)	1:144:A:LEU:HD23	1:147:A:ARG:HE	4	8.23
(29,2444)	1:144:A:LEU:HD11	1:147:A:ARG:HE	4	8.21
(29,2444)	1:144:A:LEU:HD12	1:147:A:ARG:HE	4	8.21
(29,2444)	1:144:A:LEU:HD13	1:147:A:ARG:HE	4	8.21
(29,2444)	1:144:A:LEU:HD21	1:147:A:ARG:HE	4	8.21
(29,2444)	1:144:A:LEU:HD22	1:147:A:ARG:HE	4	8.21
(29,2444)	1:144:A:LEU:HD23	1:147:A:ARG:HE	4	8.21
(9,2432)	1:144:A:LEU:HD11	1:147:A:ARG:HE	4	8.18
(9,2432)	1:144:A:LEU:HD12	1:147:A:ARG:HE	4	8.18
(9,2432)	1:144:A:LEU:HD13	1:147:A:ARG:HE	4	8.18
(9,2432)	1:144:A:LEU:HD21	1:147:A:ARG:HE	4	8.18
(9,2432)	1:144:A:LEU:HD22	1:147:A:ARG:HE	4	8.18
(9,2432)	1:144:A:LEU:HD23	1:147:A:ARG:HE	4	8.18
(33,2494)	1:144:A:LEU:HB2	1:147:A:ARG:HE	4	8.17
(33,2494)	1:144:A:LEU:HB3	1:147:A:ARG:HE	4	8.17
(17,2482)	1:144:A:LEU:HD11	1:147:A:ARG:HE	4	8.16
(17,2482)	1:144:A:LEU:HD12	1:147:A:ARG:HE	4	8.16
(17,2482)	1:144:A:LEU:HD13	1:147:A:ARG:HE	4	8.16
(17,2482)	1:144:A:LEU:HD21	1:147:A:ARG:HE	4	8.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2482)	1:144:A:LEU:HD22	1:147:A:ARG:HE	4	8.16
(17,2482)	1:144:A:LEU:HD23	1:147:A:ARG:HE	4	8.16
(7,742)	1:20:A:THR:HB	1:134:A:VAL:H	19	8.14
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD2	12	8.13
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD3	12	8.13
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD2	12	8.13
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD3	12	8.13
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD2	12	8.13
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD3	12	8.13
(33,2499)	1:144:A:LEU:HD11	1:147:A:ARG:HE	4	8.12
(33,2499)	1:144:A:LEU:HD12	1:147:A:ARG:HE	4	8.12
(33,2499)	1:144:A:LEU:HD13	1:147:A:ARG:HE	4	8.12
(33,2499)	1:144:A:LEU:HD21	1:147:A:ARG:HE	4	8.12
(33,2499)	1:144:A:LEU:HD22	1:147:A:ARG:HE	4	8.12
(33,2499)	1:144:A:LEU:HD23	1:147:A:ARG:HE	4	8.12
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD2	12	8.11
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD3	12	8.11
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD2	12	8.11
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD3	12	8.11
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD2	12	8.11
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD3	12	8.11
(7,742)	1:20:A:THR:HB	1:134:A:VAL:H	7	8.07
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB2	5	8.07
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB3	5	8.07
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB2	5	8.07
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB3	5	8.07
(5,748)	1:43:A:MET:HE1	1:147:A:ARG:HE	8	8.06
(5,748)	1:43:A:MET:HE2	1:147:A:ARG:HE	8	8.06
(5,748)	1:43:A:MET:HE3	1:147:A:ARG:HE	8	8.06
(29,2440)	1:144:A:LEU:HB2	1:147:A:ARG:HE	4	8.05
(29,2440)	1:144:A:LEU:HB3	1:147:A:ARG:HE	4	8.05
(33,701)	1:144:A:LEU:HD11	1:147:A:ARG:HE	4	8.02
(33,701)	1:144:A:LEU:HD12	1:147:A:ARG:HE	4	8.02
(33,701)	1:144:A:LEU:HD13	1:147:A:ARG:HE	4	8.02
(17,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	4	8.02
(17,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	4	8.02
(17,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	4	8.02
(9,696)	1:144:A:LEU:HD11	1:147:A:ARG:HE	4	8.02
(9,696)	1:144:A:LEU:HD12	1:147:A:ARG:HE	4	8.02
(9,696)	1:144:A:LEU:HD13	1:147:A:ARG:HE	4	8.02
(7,742)	1:20:A:THR:HB	1:134:A:VAL:H	4	7.96
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD2	15	7.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD3	15	7.95
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD2	15	7.95
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD3	15	7.95
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD2	15	7.95
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD3	15	7.95
(7,742)	1:20:A:THR:HB	1:134:A:VAL:H	14	7.94
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG2	7	7.93
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG3	7	7.93
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG2	7	7.93
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG3	7	7.93
(1,763)	1:20:A:THR:HB	1:134:A:VAL:H	19	7.92
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD11	18	7.91
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD12	18	7.91
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD13	18	7.91
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG2	12	7.91
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG3	12	7.91
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG2	12	7.91
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG3	12	7.91
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	7	7.9
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	7	7.9
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	7	7.9
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	7	7.9
(7,1688)	1:20:A:THR:HG21	1:134:A:VAL:HB	14	7.87
(7,1688)	1:20:A:THR:HG22	1:134:A:VAL:HB	14	7.87
(7,1688)	1:20:A:THR:HG23	1:134:A:VAL:HB	14	7.87
(29,1560)	1:144:A:LEU:HD21	1:147:A:ARG:HE	19	7.86
(29,1560)	1:144:A:LEU:HD22	1:147:A:ARG:HE	19	7.86
(29,1560)	1:144:A:LEU:HD23	1:147:A:ARG:HE	19	7.86
(16,2059)	1:30:A:LEU:HD11	1:79:A:THR:HA	4	7.86
(16,2059)	1:30:A:LEU:HD12	1:79:A:THR:HA	4	7.86
(16,2059)	1:30:A:LEU:HD13	1:79:A:THR:HA	4	7.86
(16,2059)	1:30:A:LEU:HD21	1:79:A:THR:HA	4	7.86
(16,2059)	1:30:A:LEU:HD22	1:79:A:THR:HA	4	7.86
(16,2059)	1:30:A:LEU:HD23	1:79:A:THR:HA	4	7.86
(15,1536)	1:144:A:LEU:HD21	1:147:A:ARG:HE	19	7.86
(15,1536)	1:144:A:LEU:HD22	1:147:A:ARG:HE	19	7.86
(15,1536)	1:144:A:LEU:HD23	1:147:A:ARG:HE	19	7.86
(29,1560)	1:144:A:LEU:HD21	1:147:A:ARG:HE	8	7.85
(29,1560)	1:144:A:LEU:HD22	1:147:A:ARG:HE	8	7.85
(29,1560)	1:144:A:LEU:HD23	1:147:A:ARG:HE	8	7.85
(15,1536)	1:144:A:LEU:HD21	1:147:A:ARG:HE	8	7.85
(15,1536)	1:144:A:LEU:HD22	1:147:A:ARG:HE	8	7.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1536)	1:144:A:LEU:HD23	1:147:A:ARG:HE	8	7.85
(1,763)	1:20:A:THR:HB	1:134:A:VAL:H	7	7.85
(18,1439)	1:31:A:PRO:HD3	1:140:A:LEU:HG	14	7.84
(17,756)	1:43:A:MET:HE1	1:147:A:ARG:HE	8	7.8
(17,756)	1:43:A:MET:HE2	1:147:A:ARG:HE	8	7.8
(17,756)	1:43:A:MET:HE3	1:147:A:ARG:HE	8	7.8
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	18	7.8
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	18	7.8
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	18	7.8
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	18	7.8
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	18	7.8
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	18	7.8
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	18	7.8
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	18	7.8
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	18	7.8
(29,709)	1:144:A:LEU:HD11	1:147:A:ARG:HE	19	7.78
(29,709)	1:144:A:LEU:HD12	1:147:A:ARG:HE	19	7.78
(29,709)	1:144:A:LEU:HD13	1:147:A:ARG:HE	19	7.78
(15,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	19	7.78
(15,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	19	7.78
(15,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	19	7.78
(7,1688)	1:20:A:THR:HG21	1:134:A:VAL:HB	18	7.78
(7,1688)	1:20:A:THR:HG22	1:134:A:VAL:HB	18	7.78
(7,1688)	1:20:A:THR:HG23	1:134:A:VAL:HB	18	7.78
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD2	11	7.76
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD3	11	7.76
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD2	11	7.76
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD3	11	7.76
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD2	11	7.76
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD3	11	7.76
(1,763)	1:20:A:THR:HB	1:134:A:VAL:H	4	7.74
(1,763)	1:20:A:THR:HB	1:134:A:VAL:H	14	7.72
(29,1560)	1:144:A:LEU:HD21	1:147:A:ARG:HE	15	7.7
(29,1560)	1:144:A:LEU:HD22	1:147:A:ARG:HE	15	7.7
(29,1560)	1:144:A:LEU:HD23	1:147:A:ARG:HE	15	7.7
(15,1536)	1:144:A:LEU:HD21	1:147:A:ARG:HE	15	7.7
(15,1536)	1:144:A:LEU:HD22	1:147:A:ARG:HE	15	7.7
(15,1536)	1:144:A:LEU:HD23	1:147:A:ARG:HE	15	7.7
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD2	8	7.7
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD3	8	7.7
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD2	8	7.7
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD3	8	7.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD2	8	7.7
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD3	8	7.7
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD2	4	7.68
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD3	4	7.68
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD2	4	7.68
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD3	4	7.68
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD2	4	7.68
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD3	4	7.68
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB2	7	7.67
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB3	7	7.67
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB2	7	7.67
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB3	7	7.67
(1,192)	1:68:A:LYS:HE2	1:93:A:GLU:H	1	7.67
(1,192)	1:68:A:LYS:HE3	1:93:A:GLU:H	1	7.67
(29,709)	1:144:A:LEU:HD11	1:147:A:ARG:HE	15	7.66
(29,709)	1:144:A:LEU:HD12	1:147:A:ARG:HE	15	7.66
(29,709)	1:144:A:LEU:HD13	1:147:A:ARG:HE	15	7.66
(15,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	15	7.66
(15,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	15	7.66
(15,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	15	7.66
(7,1688)	1:20:A:THR:HG21	1:134:A:VAL:HB	4	7.64
(7,1688)	1:20:A:THR:HG22	1:134:A:VAL:HB	4	7.64
(7,1688)	1:20:A:THR:HG23	1:134:A:VAL:HB	4	7.64
(7,1688)	1:20:A:THR:HG21	1:134:A:VAL:HB	7	7.63
(7,1688)	1:20:A:THR:HG22	1:134:A:VAL:HB	7	7.63
(7,1688)	1:20:A:THR:HG23	1:134:A:VAL:HB	7	7.63
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB2	12	7.61
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB3	12	7.61
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB2	12	7.61
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB3	12	7.61
(33,1538)	1:144:A:LEU:HD21	1:147:A:ARG:HE	19	7.58
(33,1538)	1:144:A:LEU:HD22	1:147:A:ARG:HE	19	7.58
(33,1538)	1:144:A:LEU:HD23	1:147:A:ARG:HE	19	7.58
(17,1566)	1:144:A:LEU:HD21	1:147:A:ARG:HE	19	7.58
(17,1566)	1:144:A:LEU:HD22	1:147:A:ARG:HE	19	7.58
(17,1566)	1:144:A:LEU:HD23	1:147:A:ARG:HE	19	7.58
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	14	7.58
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	14	7.58
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	14	7.58
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	14	7.58
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	14	7.58
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	14	7.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	14	7.58
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	14	7.58
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	14	7.58
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD11	14	7.58
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD12	14	7.58
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD13	14	7.58
(9,1543)	1:144:A:LEU:HD21	1:147:A:ARG:HE	19	7.58
(9,1543)	1:144:A:LEU:HD22	1:147:A:ARG:HE	19	7.58
(9,1543)	1:144:A:LEU:HD23	1:147:A:ARG:HE	19	7.58
(33,1618)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	16	7.57
(33,1538)	1:144:A:LEU:HD21	1:147:A:ARG:HE	8	7.57
(33,1538)	1:144:A:LEU:HD22	1:147:A:ARG:HE	8	7.57
(33,1538)	1:144:A:LEU:HD23	1:147:A:ARG:HE	8	7.57
(17,1566)	1:144:A:LEU:HD21	1:147:A:ARG:HE	8	7.57
(17,1566)	1:144:A:LEU:HD22	1:147:A:ARG:HE	8	7.57
(17,1566)	1:144:A:LEU:HD23	1:147:A:ARG:HE	8	7.57
(16,1615)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	16	7.57
(9,1543)	1:144:A:LEU:HD21	1:147:A:ARG:HE	8	7.57
(9,1543)	1:144:A:LEU:HD22	1:147:A:ARG:HE	8	7.57
(9,1543)	1:144:A:LEU:HD23	1:147:A:ARG:HE	8	7.57
(33,2494)	1:144:A:LEU:HB2	1:147:A:ARG:HE	12	7.56
(33,2494)	1:144:A:LEU:HB3	1:147:A:ARG:HE	12	7.56
(16,2060)	1:30:A:LEU:HD11	1:79:A:THR:HB	13	7.53
(16,2060)	1:30:A:LEU:HD12	1:79:A:THR:HB	13	7.53
(16,2060)	1:30:A:LEU:HD13	1:79:A:THR:HB	13	7.53
(16,2060)	1:30:A:LEU:HD21	1:79:A:THR:HB	13	7.53
(16,2060)	1:30:A:LEU:HD22	1:79:A:THR:HB	13	7.53
(16,2060)	1:30:A:LEU:HD23	1:79:A:THR:HB	13	7.53
(15,2495)	1:144:A:LEU:HD11	1:147:A:ARG:HE	12	7.53
(15,2495)	1:144:A:LEU:HD12	1:147:A:ARG:HE	12	7.53
(15,2495)	1:144:A:LEU:HD13	1:147:A:ARG:HE	12	7.53
(15,2495)	1:144:A:LEU:HD21	1:147:A:ARG:HE	12	7.53
(15,2495)	1:144:A:LEU:HD22	1:147:A:ARG:HE	12	7.53
(15,2495)	1:144:A:LEU:HD23	1:147:A:ARG:HE	12	7.53
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG2	10	7.53
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG3	10	7.53
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG2	10	7.53
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG3	10	7.53
(29,2444)	1:144:A:LEU:HD11	1:147:A:ARG:HE	12	7.51
(29,2444)	1:144:A:LEU:HD12	1:147:A:ARG:HE	12	7.51
(29,2444)	1:144:A:LEU:HD13	1:147:A:ARG:HE	12	7.51
(29,2444)	1:144:A:LEU:HD21	1:147:A:ARG:HE	12	7.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2444)	1:144:A:LEU:HD22	1:147:A:ARG:HE	12	7.51
(29,2444)	1:144:A:LEU:HD23	1:147:A:ARG:HE	12	7.51
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD2	3	7.51
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD3	3	7.51
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD2	3	7.51
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD3	3	7.51
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD2	3	7.51
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD3	3	7.51
(7,1688)	1:20:A:THR:HG21	1:134:A:VAL:HB	8	7.51
(7,1688)	1:20:A:THR:HG22	1:134:A:VAL:HB	8	7.51
(7,1688)	1:20:A:THR:HG23	1:134:A:VAL:HB	8	7.51
(33,701)	1:144:A:LEU:HD11	1:147:A:ARG:HE	19	7.5
(33,701)	1:144:A:LEU:HD12	1:147:A:ARG:HE	19	7.5
(33,701)	1:144:A:LEU:HD13	1:147:A:ARG:HE	19	7.5
(17,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	19	7.5
(17,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	19	7.5
(17,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	19	7.5
(15,2495)	1:144:A:LEU:HD11	1:147:A:ARG:HE	19	7.5
(15,2495)	1:144:A:LEU:HD12	1:147:A:ARG:HE	19	7.5
(15,2495)	1:144:A:LEU:HD13	1:147:A:ARG:HE	19	7.5
(15,2495)	1:144:A:LEU:HD21	1:147:A:ARG:HE	19	7.5
(15,2495)	1:144:A:LEU:HD22	1:147:A:ARG:HE	19	7.5
(15,2495)	1:144:A:LEU:HD23	1:147:A:ARG:HE	19	7.5
(9,696)	1:144:A:LEU:HD11	1:147:A:ARG:HE	19	7.5
(9,696)	1:144:A:LEU:HD12	1:147:A:ARG:HE	19	7.5
(9,696)	1:144:A:LEU:HD13	1:147:A:ARG:HE	19	7.5
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG2	1	7.49
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG3	1	7.49
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG2	1	7.49
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG3	1	7.49
(29,2444)	1:144:A:LEU:HD11	1:147:A:ARG:HE	19	7.48
(29,2444)	1:144:A:LEU:HD12	1:147:A:ARG:HE	19	7.48
(29,2444)	1:144:A:LEU:HD13	1:147:A:ARG:HE	19	7.48
(29,2444)	1:144:A:LEU:HD21	1:147:A:ARG:HE	19	7.48
(29,2444)	1:144:A:LEU:HD22	1:147:A:ARG:HE	19	7.48
(29,2444)	1:144:A:LEU:HD23	1:147:A:ARG:HE	19	7.48
(9,2432)	1:144:A:LEU:HD11	1:147:A:ARG:HE	12	7.48
(9,2432)	1:144:A:LEU:HD12	1:147:A:ARG:HE	12	7.48
(9,2432)	1:144:A:LEU:HD13	1:147:A:ARG:HE	12	7.48
(9,2432)	1:144:A:LEU:HD21	1:147:A:ARG:HE	12	7.48
(9,2432)	1:144:A:LEU:HD22	1:147:A:ARG:HE	12	7.48
(9,2432)	1:144:A:LEU:HD23	1:147:A:ARG:HE	12	7.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	16	7.47
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	16	7.47
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	16	7.47
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	16	7.47
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	16	7.47
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	16	7.47
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	16	7.47
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	16	7.47
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	16	7.47
(17,2482)	1:144:A:LEU:HD11	1:147:A:ARG:HE	12	7.46
(17,2482)	1:144:A:LEU:HD12	1:147:A:ARG:HE	12	7.46
(17,2482)	1:144:A:LEU:HD13	1:147:A:ARG:HE	12	7.46
(17,2482)	1:144:A:LEU:HD21	1:147:A:ARG:HE	12	7.46
(17,2482)	1:144:A:LEU:HD22	1:147:A:ARG:HE	12	7.46
(17,2482)	1:144:A:LEU:HD23	1:147:A:ARG:HE	12	7.46
(5,2473)	1:144:A:LEU:HD11	1:147:A:ARG:HE	4	7.46
(5,2473)	1:144:A:LEU:HD12	1:147:A:ARG:HE	4	7.46
(5,2473)	1:144:A:LEU:HD13	1:147:A:ARG:HE	4	7.46
(5,2473)	1:144:A:LEU:HD21	1:147:A:ARG:HE	4	7.46
(5,2473)	1:144:A:LEU:HD22	1:147:A:ARG:HE	4	7.46
(5,2473)	1:144:A:LEU:HD23	1:147:A:ARG:HE	4	7.46
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE1	3	7.45
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE2	3	7.45
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE3	3	7.45
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE1	3	7.45
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE2	3	7.45
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE3	3	7.45
(9,2432)	1:144:A:LEU:HD11	1:147:A:ARG:HE	19	7.45
(9,2432)	1:144:A:LEU:HD12	1:147:A:ARG:HE	19	7.45
(9,2432)	1:144:A:LEU:HD13	1:147:A:ARG:HE	19	7.45
(9,2432)	1:144:A:LEU:HD21	1:147:A:ARG:HE	19	7.45
(9,2432)	1:144:A:LEU:HD22	1:147:A:ARG:HE	19	7.45
(9,2432)	1:144:A:LEU:HD23	1:147:A:ARG:HE	19	7.45
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB2	15	7.45
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB3	15	7.45
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB2	15	7.45
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB3	15	7.45
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE1	11	7.44
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE2	11	7.44
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE3	11	7.44
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE1	11	7.44
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE2	11	7.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE3	11	7.44
(29,2440)	1:144:A:LEU:HB2	1:147:A:ARG:HE	12	7.44
(29,2440)	1:144:A:LEU:HB3	1:147:A:ARG:HE	12	7.44
(20,4)	1:52:A:CYS:SG	1:123:A:CYS:SG	4	7.43
(17,2482)	1:144:A:LEU:HD11	1:147:A:ARG:HE	19	7.43
(17,2482)	1:144:A:LEU:HD12	1:147:A:ARG:HE	19	7.43
(17,2482)	1:144:A:LEU:HD13	1:147:A:ARG:HE	19	7.43
(17,2482)	1:144:A:LEU:HD21	1:147:A:ARG:HE	19	7.43
(17,2482)	1:144:A:LEU:HD22	1:147:A:ARG:HE	19	7.43
(17,2482)	1:144:A:LEU:HD23	1:147:A:ARG:HE	19	7.43
(33,2499)	1:144:A:LEU:HD11	1:147:A:ARG:HE	12	7.42
(33,2499)	1:144:A:LEU:HD12	1:147:A:ARG:HE	12	7.42
(33,2499)	1:144:A:LEU:HD13	1:147:A:ARG:HE	12	7.42
(33,2499)	1:144:A:LEU:HD21	1:147:A:ARG:HE	12	7.42
(33,2499)	1:144:A:LEU:HD22	1:147:A:ARG:HE	12	7.42
(33,2499)	1:144:A:LEU:HD23	1:147:A:ARG:HE	12	7.42
(33,1538)	1:144:A:LEU:HD21	1:147:A:ARG:HE	15	7.42
(33,1538)	1:144:A:LEU:HD22	1:147:A:ARG:HE	15	7.42
(33,1538)	1:144:A:LEU:HD23	1:147:A:ARG:HE	15	7.42
(17,1566)	1:144:A:LEU:HD21	1:147:A:ARG:HE	15	7.42
(17,1566)	1:144:A:LEU:HD22	1:147:A:ARG:HE	15	7.42
(17,1566)	1:144:A:LEU:HD23	1:147:A:ARG:HE	15	7.42
(9,1543)	1:144:A:LEU:HD21	1:147:A:ARG:HE	15	7.42
(9,1543)	1:144:A:LEU:HD22	1:147:A:ARG:HE	15	7.42
(9,1543)	1:144:A:LEU:HD23	1:147:A:ARG:HE	15	7.42
(5,748)	1:43:A:MET:HE1	1:147:A:ARG:HE	17	7.42
(5,748)	1:43:A:MET:HE2	1:147:A:ARG:HE	17	7.42
(5,748)	1:43:A:MET:HE3	1:147:A:ARG:HE	17	7.42
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	7	7.39
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	7	7.39
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	7	7.39
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	7	7.39
(33,2499)	1:144:A:LEU:HD11	1:147:A:ARG:HE	19	7.39
(33,2499)	1:144:A:LEU:HD12	1:147:A:ARG:HE	19	7.39
(33,2499)	1:144:A:LEU:HD13	1:147:A:ARG:HE	19	7.39
(33,2499)	1:144:A:LEU:HD21	1:147:A:ARG:HE	19	7.39
(33,2499)	1:144:A:LEU:HD22	1:147:A:ARG:HE	19	7.39
(33,2499)	1:144:A:LEU:HD23	1:147:A:ARG:HE	19	7.39
(7,1688)	1:20:A:THR:HG21	1:134:A:VAL:HB	12	7.39
(7,1688)	1:20:A:THR:HG22	1:134:A:VAL:HB	12	7.39
(7,1688)	1:20:A:THR:HG23	1:134:A:VAL:HB	12	7.39
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB2	15	7.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB3	15	7.39
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB2	15	7.39
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB3	15	7.39
(33,701)	1:144:A:LEU:HD11	1:147:A:ARG:HE	15	7.38
(33,701)	1:144:A:LEU:HD12	1:147:A:ARG:HE	15	7.38
(33,701)	1:144:A:LEU:HD13	1:147:A:ARG:HE	15	7.38
(18,2054)	1:30:A:LEU:HD11	1:136:A:CYS:HA	10	7.38
(18,2054)	1:30:A:LEU:HD12	1:136:A:CYS:HA	10	7.38
(18,2054)	1:30:A:LEU:HD13	1:136:A:CYS:HA	10	7.38
(18,2054)	1:30:A:LEU:HD21	1:136:A:CYS:HA	10	7.38
(18,2054)	1:30:A:LEU:HD22	1:136:A:CYS:HA	10	7.38
(18,2054)	1:30:A:LEU:HD23	1:136:A:CYS:HA	10	7.38
(17,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	15	7.38
(17,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	15	7.38
(17,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	15	7.38
(16,1716)	1:21:A:THR:HG21	1:147:A:ARG:HE	15	7.38
(16,1716)	1:21:A:THR:HG22	1:147:A:ARG:HE	15	7.38
(16,1716)	1:21:A:THR:HG23	1:147:A:ARG:HE	15	7.38
(9,696)	1:144:A:LEU:HD11	1:147:A:ARG:HE	15	7.38
(9,696)	1:144:A:LEU:HD12	1:147:A:ARG:HE	15	7.38
(9,696)	1:144:A:LEU:HD13	1:147:A:ARG:HE	15	7.38
(29,709)	1:144:A:LEU:HD11	1:147:A:ARG:HE	12	7.37
(29,709)	1:144:A:LEU:HD12	1:147:A:ARG:HE	12	7.37
(29,709)	1:144:A:LEU:HD13	1:147:A:ARG:HE	12	7.37
(15,2495)	1:144:A:LEU:HD11	1:147:A:ARG:HE	15	7.37
(15,2495)	1:144:A:LEU:HD12	1:147:A:ARG:HE	15	7.37
(15,2495)	1:144:A:LEU:HD13	1:147:A:ARG:HE	15	7.37
(15,2495)	1:144:A:LEU:HD21	1:147:A:ARG:HE	15	7.37
(15,2495)	1:144:A:LEU:HD22	1:147:A:ARG:HE	15	7.37
(15,2495)	1:144:A:LEU:HD23	1:147:A:ARG:HE	15	7.37
(15,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	12	7.37
(15,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	12	7.37
(15,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	12	7.37
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD2	11	7.36
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD3	11	7.36
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD2	11	7.36
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD3	11	7.36
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD2	11	7.36
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD3	11	7.36
(29,2444)	1:144:A:LEU:HD11	1:147:A:ARG:HE	15	7.35
(29,2444)	1:144:A:LEU:HD12	1:147:A:ARG:HE	15	7.35
(29,2444)	1:144:A:LEU:HD13	1:147:A:ARG:HE	15	7.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2444)	1:144:A:LEU:HD21	1:147:A:ARG:HE	15	7.35
(29,2444)	1:144:A:LEU:HD22	1:147:A:ARG:HE	15	7.35
(29,2444)	1:144:A:LEU:HD23	1:147:A:ARG:HE	15	7.35
(29,1560)	1:144:A:LEU:HD21	1:147:A:ARG:HE	9	7.35
(29,1560)	1:144:A:LEU:HD22	1:147:A:ARG:HE	9	7.35
(29,1560)	1:144:A:LEU:HD23	1:147:A:ARG:HE	9	7.35
(15,1536)	1:144:A:LEU:HD21	1:147:A:ARG:HE	9	7.35
(15,1536)	1:144:A:LEU:HD22	1:147:A:ARG:HE	9	7.35
(15,1536)	1:144:A:LEU:HD23	1:147:A:ARG:HE	9	7.35
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD11	16	7.34
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD12	16	7.34
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD13	16	7.34
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB2	18	7.34
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB3	18	7.34
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB2	18	7.34
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB3	18	7.34
(9,2432)	1:144:A:LEU:HD11	1:147:A:ARG:HE	15	7.32
(9,2432)	1:144:A:LEU:HD12	1:147:A:ARG:HE	15	7.32
(9,2432)	1:144:A:LEU:HD13	1:147:A:ARG:HE	15	7.32
(9,2432)	1:144:A:LEU:HD21	1:147:A:ARG:HE	15	7.32
(9,2432)	1:144:A:LEU:HD22	1:147:A:ARG:HE	15	7.32
(9,2432)	1:144:A:LEU:HD23	1:147:A:ARG:HE	15	7.32
(7,742)	1:20:A:THR:HB	1:134:A:VAL:H	5	7.32
(17,2482)	1:144:A:LEU:HD11	1:147:A:ARG:HE	15	7.3
(17,2482)	1:144:A:LEU:HD12	1:147:A:ARG:HE	15	7.3
(17,2482)	1:144:A:LEU:HD13	1:147:A:ARG:HE	15	7.3
(17,2482)	1:144:A:LEU:HD21	1:147:A:ARG:HE	15	7.3
(17,2482)	1:144:A:LEU:HD22	1:147:A:ARG:HE	15	7.3
(17,2482)	1:144:A:LEU:HD23	1:147:A:ARG:HE	15	7.3
(6,979)	1:31:A:PRO:HB2	1:144:A:LEU:HB3	3	7.29
(6,979)	1:31:A:PRO:HB3	1:144:A:LEU:HB3	3	7.29
(1,1736)	1:20:A:THR:HG21	1:134:A:VAL:HB	14	7.29
(1,1736)	1:20:A:THR:HG22	1:134:A:VAL:HB	14	7.29
(1,1736)	1:20:A:THR:HG23	1:134:A:VAL:HB	14	7.29
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB2	11	7.27
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB3	11	7.27
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB2	11	7.27
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB3	11	7.27
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB2	11	7.27
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB3	11	7.27
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB2	12	7.27
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB3	12	7.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB2	12	7.27
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB3	12	7.27
(33,2499)	1:144:A:LEU:HD11	1:147:A:ARG:HE	15	7.26
(33,2499)	1:144:A:LEU:HD12	1:147:A:ARG:HE	15	7.26
(33,2499)	1:144:A:LEU:HD13	1:147:A:ARG:HE	15	7.26
(33,2499)	1:144:A:LEU:HD21	1:147:A:ARG:HE	15	7.26
(33,2499)	1:144:A:LEU:HD22	1:147:A:ARG:HE	15	7.26
(33,2499)	1:144:A:LEU:HD23	1:147:A:ARG:HE	15	7.26
(33,1618)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	6	7.25
(20,1)	1:120:A:CYS:SG	1:123:A:CYS:SG	15	7.25
(16,1615)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	6	7.25
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD11	10	7.23
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD12	10	7.23
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD13	10	7.23
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD21	10	7.23
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD22	10	7.23
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD23	10	7.23
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD11	10	7.23
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD12	10	7.23
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD13	10	7.23
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD21	10	7.23
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD22	10	7.23
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD23	10	7.23
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB2	3	7.21
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB3	3	7.21
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB2	3	7.21
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB3	3	7.21
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB2	3	7.21
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB3	3	7.21
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD2	13	7.21
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD3	13	7.21
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD2	13	7.21
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD3	13	7.21
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD2	13	7.21
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD3	13	7.21
(29,1560)	1:144:A:LEU:HD21	1:147:A:ARG:HE	11	7.2
(29,1560)	1:144:A:LEU:HD22	1:147:A:ARG:HE	11	7.2
(29,1560)	1:144:A:LEU:HD23	1:147:A:ARG:HE	11	7.2
(16,2060)	1:30:A:LEU:HD11	1:79:A:THR:HB	7	7.2
(16,2060)	1:30:A:LEU:HD12	1:79:A:THR:HB	7	7.2
(16,2060)	1:30:A:LEU:HD13	1:79:A:THR:HB	7	7.2
(16,2060)	1:30:A:LEU:HD21	1:79:A:THR:HB	7	7.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2060)	1:30:A:LEU:HD22	1:79:A:THR:HB	7	7.2
(16,2060)	1:30:A:LEU:HD23	1:79:A:THR:HB	7	7.2
(15,1536)	1:144:A:LEU:HD21	1:147:A:ARG:HE	11	7.2
(15,1536)	1:144:A:LEU:HD22	1:147:A:ARG:HE	11	7.2
(15,1536)	1:144:A:LEU:HD23	1:147:A:ARG:HE	11	7.2
(1,1736)	1:20:A:THR:HG21	1:134:A:VAL:HB	18	7.2
(1,1736)	1:20:A:THR:HG22	1:134:A:VAL:HB	18	7.2
(1,1736)	1:20:A:THR:HG23	1:134:A:VAL:HB	18	7.2
(32,2035)	1:30:A:LEU:HD11	1:143:A:TRP:HH2	12	7.19
(32,2035)	1:30:A:LEU:HD12	1:143:A:TRP:HH2	12	7.19
(32,2035)	1:30:A:LEU:HD13	1:143:A:TRP:HH2	12	7.19
(32,2035)	1:30:A:LEU:HD21	1:143:A:TRP:HH2	12	7.19
(32,2035)	1:30:A:LEU:HD22	1:143:A:TRP:HH2	12	7.19
(32,2035)	1:30:A:LEU:HD23	1:143:A:TRP:HH2	12	7.19
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD2	15	7.18
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD3	15	7.18
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD2	15	7.18
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD3	15	7.18
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD2	15	7.18
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD3	15	7.18
(33,677)	1:20:A:THR:H	1:133:A:ASN:H	13	7.17
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	15	7.16
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	15	7.16
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	15	7.16
(17,756)	1:43:A:MET:HE1	1:147:A:ARG:HE	17	7.16
(17,756)	1:43:A:MET:HE2	1:147:A:ARG:HE	17	7.16
(17,756)	1:43:A:MET:HE3	1:147:A:ARG:HE	17	7.16
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	15	7.16
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	15	7.16
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	15	7.16
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD11	5	7.15
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD12	5	7.15
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD13	5	7.15
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD21	5	7.15
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD22	5	7.15
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD23	5	7.15
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD11	5	7.15
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD12	5	7.15
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD13	5	7.15
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD21	5	7.15
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD22	5	7.15
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD23	5	7.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1716)	1:21:A:THR:HG21	1:147:A:ARG:HE	9	7.15
(16,1716)	1:21:A:THR:HG22	1:147:A:ARG:HE	9	7.15
(16,1716)	1:21:A:THR:HG23	1:147:A:ARG:HE	9	7.15
(32,2034)	1:30:A:LEU:HD11	1:143:A:TRP:HZ3	12	7.14
(32,2034)	1:30:A:LEU:HD12	1:143:A:TRP:HZ3	12	7.14
(32,2034)	1:30:A:LEU:HD13	1:143:A:TRP:HZ3	12	7.14
(32,2034)	1:30:A:LEU:HD21	1:143:A:TRP:HZ3	12	7.14
(32,2034)	1:30:A:LEU:HD22	1:143:A:TRP:HZ3	12	7.14
(32,2034)	1:30:A:LEU:HD23	1:143:A:TRP:HZ3	12	7.14
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	4	7.14
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	4	7.14
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	4	7.14
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	4	7.14
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	4	7.14
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	4	7.14
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	4	7.14
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	4	7.14
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	4	7.14
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	18	7.13
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	18	7.13
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	18	7.13
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	18	7.13
(20,12)	1:59:A:CYS:SG	1:123:A:CYS:SG	15	7.12
(7,742)	1:20:A:THR:HB	1:134:A:VAL:H	16	7.12
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	18	7.1
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	18	7.1
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	18	7.1
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	18	7.1
(1,763)	1:20:A:THR:HB	1:134:A:VAL:H	5	7.1
(33,701)	1:144:A:LEU:HD11	1:147:A:ARG:HE	12	7.09
(33,701)	1:144:A:LEU:HD12	1:147:A:ARG:HE	12	7.09
(33,701)	1:144:A:LEU:HD13	1:147:A:ARG:HE	12	7.09
(17,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	12	7.09
(17,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	12	7.09
(17,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	12	7.09
(9,696)	1:144:A:LEU:HD11	1:147:A:ARG:HE	12	7.09
(9,696)	1:144:A:LEU:HD12	1:147:A:ARG:HE	12	7.09
(9,696)	1:144:A:LEU:HD13	1:147:A:ARG:HE	12	7.09
(7,1690)	1:21:A:THR:HG21	1:147:A:ARG:HE	15	7.09
(7,1690)	1:21:A:THR:HG22	1:147:A:ARG:HE	15	7.09
(7,1690)	1:21:A:THR:HG23	1:147:A:ARG:HE	15	7.09
(33,1538)	1:144:A:LEU:HD21	1:147:A:ARG:HE	9	7.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1538)	1:144:A:LEU:HD22	1:147:A:ARG:HE	9	7.07
(33,1538)	1:144:A:LEU:HD23	1:147:A:ARG:HE	9	7.07
(17,1566)	1:144:A:LEU:HD21	1:147:A:ARG:HE	9	7.07
(17,1566)	1:144:A:LEU:HD22	1:147:A:ARG:HE	9	7.07
(17,1566)	1:144:A:LEU:HD23	1:147:A:ARG:HE	9	7.07
(9,1543)	1:144:A:LEU:HD21	1:147:A:ARG:HE	9	7.07
(9,1543)	1:144:A:LEU:HD22	1:147:A:ARG:HE	9	7.07
(9,1543)	1:144:A:LEU:HD23	1:147:A:ARG:HE	9	7.07
(33,2494)	1:144:A:LEU:HB2	1:147:A:ARG:HE	19	7.06
(33,2494)	1:144:A:LEU:HB3	1:147:A:ARG:HE	19	7.06
(1,1736)	1:20:A:THR:HG21	1:134:A:VAL:HB	4	7.06
(1,1736)	1:20:A:THR:HG22	1:134:A:VAL:HB	4	7.06
(1,1736)	1:20:A:THR:HG23	1:134:A:VAL:HB	4	7.06
(1,1736)	1:20:A:THR:HG21	1:134:A:VAL:HB	7	7.05
(1,1736)	1:20:A:THR:HG22	1:134:A:VAL:HB	7	7.05
(1,1736)	1:20:A:THR:HG23	1:134:A:VAL:HB	7	7.05
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG11	13	7.04
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG12	13	7.04
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG13	13	7.04
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG21	13	7.04
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG22	13	7.04
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG23	13	7.04
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG11	13	7.04
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG12	13	7.04
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG13	13	7.04
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG21	13	7.04
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG22	13	7.04
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG23	13	7.04
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG11	13	7.04
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG12	13	7.04
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG13	13	7.04
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG21	13	7.04
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG22	13	7.04
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG23	13	7.04
(29,1560)	1:144:A:LEU:HD21	1:147:A:ARG:HE	7	7.01
(29,1560)	1:144:A:LEU:HD22	1:147:A:ARG:HE	7	7.01
(29,1560)	1:144:A:LEU:HD23	1:147:A:ARG:HE	7	7.01
(15,1536)	1:144:A:LEU:HD21	1:147:A:ARG:HE	7	7.01
(15,1536)	1:144:A:LEU:HD22	1:147:A:ARG:HE	7	7.01
(15,1536)	1:144:A:LEU:HD23	1:147:A:ARG:HE	7	7.01
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB2	16	7.0
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB3	16	7.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB2	16	7.0
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB3	16	7.0
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD2	12	6.99
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD3	12	6.99
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD2	12	6.99
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD3	12	6.99
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD2	12	6.99
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD3	12	6.99
(32,2034)	1:30:A:LEU:HD11	1:143:A:TRP:HZ3	19	6.98
(32,2034)	1:30:A:LEU:HD12	1:143:A:TRP:HZ3	19	6.98
(32,2034)	1:30:A:LEU:HD13	1:143:A:TRP:HZ3	19	6.98
(32,2034)	1:30:A:LEU:HD21	1:143:A:TRP:HZ3	19	6.98
(32,2034)	1:30:A:LEU:HD22	1:143:A:TRP:HZ3	19	6.98
(32,2034)	1:30:A:LEU:HD23	1:143:A:TRP:HZ3	19	6.98
(16,2059)	1:30:A:LEU:HD11	1:79:A:THR:HA	7	6.95
(16,2059)	1:30:A:LEU:HD12	1:79:A:THR:HA	7	6.95
(16,2059)	1:30:A:LEU:HD13	1:79:A:THR:HA	7	6.95
(16,2059)	1:30:A:LEU:HD21	1:79:A:THR:HA	7	6.95
(16,2059)	1:30:A:LEU:HD22	1:79:A:THR:HA	7	6.95
(16,2059)	1:30:A:LEU:HD23	1:79:A:THR:HA	7	6.95
(7,1688)	1:20:A:THR:HG21	1:134:A:VAL:HB	19	6.95
(7,1688)	1:20:A:THR:HG22	1:134:A:VAL:HB	19	6.95
(7,1688)	1:20:A:THR:HG23	1:134:A:VAL:HB	19	6.95
(7,742)	1:20:A:THR:HB	1:134:A:VAL:H	3	6.95
(1,192)	1:68:A:LYS:HE2	1:93:A:GLU:H	11	6.95
(1,192)	1:68:A:LYS:HE3	1:93:A:GLU:H	11	6.95
(29,2440)	1:144:A:LEU:HB2	1:147:A:ARG:HE	19	6.94
(29,2440)	1:144:A:LEU:HB3	1:147:A:ARG:HE	19	6.94
(20,12)	1:59:A:CYS:SG	1:123:A:CYS:SG	2	6.94
(13,829)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	7	6.93
(13,829)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	7	6.93
(1,1736)	1:20:A:THR:HG21	1:134:A:VAL:HB	8	6.93
(1,1736)	1:20:A:THR:HG22	1:134:A:VAL:HB	8	6.93
(1,1736)	1:20:A:THR:HG23	1:134:A:VAL:HB	8	6.93
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG2	17	6.93
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG3	17	6.93
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG2	17	6.93
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG3	17	6.93
(33,1538)	1:144:A:LEU:HD21	1:147:A:ARG:HE	11	6.92
(33,1538)	1:144:A:LEU:HD22	1:147:A:ARG:HE	11	6.92
(33,1538)	1:144:A:LEU:HD23	1:147:A:ARG:HE	11	6.92
(20,12)	1:59:A:CYS:SG	1:123:A:CYS:SG	12	6.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	14	6.92
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	14	6.92
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	14	6.92
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	14	6.92
(17,1566)	1:144:A:LEU:HD21	1:147:A:ARG:HE	11	6.92
(17,1566)	1:144:A:LEU:HD22	1:147:A:ARG:HE	11	6.92
(17,1566)	1:144:A:LEU:HD23	1:147:A:ARG:HE	11	6.92
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD11	18	6.92
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD12	18	6.92
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD13	18	6.92
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD21	18	6.92
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD22	18	6.92
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD23	18	6.92
(9,1543)	1:144:A:LEU:HD21	1:147:A:ARG:HE	11	6.92
(9,1543)	1:144:A:LEU:HD22	1:147:A:ARG:HE	11	6.92
(9,1543)	1:144:A:LEU:HD23	1:147:A:ARG:HE	11	6.92
(33,2494)	1:144:A:LEU:HB2	1:147:A:ARG:HE	15	6.91
(33,2494)	1:144:A:LEU:HB3	1:147:A:ARG:HE	15	6.91
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	15	6.91
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	15	6.91
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	15	6.91
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	15	6.91
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	15	6.91
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	15	6.91
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	15	6.91
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	15	6.91
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	15	6.91
(20,1)	1:120:A:CYS:SG	1:123:A:CYS:SG	19	6.9
(1,763)	1:20:A:THR:HB	1:134:A:VAL:H	16	6.9
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG11	2	6.89
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG12	2	6.89
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG13	2	6.89
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG21	2	6.89
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG22	2	6.89
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG23	2	6.89
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD11	6	6.88
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD12	6	6.88
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD13	6	6.88
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	6	6.87
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	6	6.87
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	6	6.87
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	6	6.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	6	6.87
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	6	6.87
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	6	6.87
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	6	6.87
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	6	6.87
(33,1618)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	18	6.86
(16,1615)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	18	6.86
(7,1690)	1:21:A:THR:HG21	1:147:A:ARG:HE	9	6.86
(7,1690)	1:21:A:THR:HG22	1:147:A:ARG:HE	9	6.86
(7,1690)	1:21:A:THR:HG23	1:147:A:ARG:HE	9	6.86
(20,7)	1:56:A:CYS:SG	1:120:A:CYS:SG	19	6.85
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE1	11	6.85
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE2	11	6.85
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE3	11	6.85
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	15	6.84
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	15	6.84
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	15	6.84
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	15	6.84
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	15	6.84
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	15	6.84
(20,12)	1:59:A:CYS:SG	1:123:A:CYS:SG	11	6.84
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	15	6.84
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	15	6.84
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	15	6.84
(15,2495)	1:144:A:LEU:HD11	1:147:A:ARG:HE	8	6.84
(15,2495)	1:144:A:LEU:HD12	1:147:A:ARG:HE	8	6.84
(15,2495)	1:144:A:LEU:HD13	1:147:A:ARG:HE	8	6.84
(15,2495)	1:144:A:LEU:HD21	1:147:A:ARG:HE	8	6.84
(15,2495)	1:144:A:LEU:HD22	1:147:A:ARG:HE	8	6.84
(15,2495)	1:144:A:LEU:HD23	1:147:A:ARG:HE	8	6.84
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	15	6.84
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	15	6.84
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	15	6.84
(29,1560)	1:144:A:LEU:HD21	1:147:A:ARG:HE	6	6.83
(29,1560)	1:144:A:LEU:HD22	1:147:A:ARG:HE	6	6.83
(29,1560)	1:144:A:LEU:HD23	1:147:A:ARG:HE	6	6.83
(29,709)	1:144:A:LEU:HD11	1:147:A:ARG:HE	9	6.83
(29,709)	1:144:A:LEU:HD12	1:147:A:ARG:HE	9	6.83
(29,709)	1:144:A:LEU:HD13	1:147:A:ARG:HE	9	6.83
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD11	4	6.83
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD12	4	6.83
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD13	4	6.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	7	6.83
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	7	6.83
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	7	6.83
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	7	6.83
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	7	6.83
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	7	6.83
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	7	6.83
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	7	6.83
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	7	6.83
(15,2495)	1:144:A:LEU:HD11	1:147:A:ARG:HE	9	6.83
(15,2495)	1:144:A:LEU:HD12	1:147:A:ARG:HE	9	6.83
(15,2495)	1:144:A:LEU:HD13	1:147:A:ARG:HE	9	6.83
(15,2495)	1:144:A:LEU:HD21	1:147:A:ARG:HE	9	6.83
(15,2495)	1:144:A:LEU:HD22	1:147:A:ARG:HE	9	6.83
(15,2495)	1:144:A:LEU:HD23	1:147:A:ARG:HE	9	6.83
(15,1536)	1:144:A:LEU:HD21	1:147:A:ARG:HE	6	6.83
(15,1536)	1:144:A:LEU:HD22	1:147:A:ARG:HE	6	6.83
(15,1536)	1:144:A:LEU:HD23	1:147:A:ARG:HE	6	6.83
(15,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	9	6.83
(15,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	9	6.83
(15,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	9	6.83
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD2	4	6.83
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD3	4	6.83
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD2	4	6.83
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD3	4	6.83
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD2	4	6.83
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD3	4	6.83
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB2	1	6.83
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB3	1	6.83
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB2	1	6.83
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB3	1	6.83
(29,2444)	1:144:A:LEU:HD11	1:147:A:ARG:HE	8	6.82
(29,2444)	1:144:A:LEU:HD12	1:147:A:ARG:HE	8	6.82
(29,2444)	1:144:A:LEU:HD13	1:147:A:ARG:HE	8	6.82
(29,2444)	1:144:A:LEU:HD21	1:147:A:ARG:HE	8	6.82
(29,2444)	1:144:A:LEU:HD22	1:147:A:ARG:HE	8	6.82
(29,2444)	1:144:A:LEU:HD23	1:147:A:ARG:HE	8	6.82
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	15	6.82
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	15	6.82
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	15	6.82
(29,2444)	1:144:A:LEU:HD11	1:147:A:ARG:HE	9	6.81
(29,2444)	1:144:A:LEU:HD12	1:147:A:ARG:HE	9	6.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2444)	1:144:A:LEU:HD13	1:147:A:ARG:HE	9	6.81
(29,2444)	1:144:A:LEU:HD21	1:147:A:ARG:HE	9	6.81
(29,2444)	1:144:A:LEU:HD22	1:147:A:ARG:HE	9	6.81
(29,2444)	1:144:A:LEU:HD23	1:147:A:ARG:HE	9	6.81
(20,12)	1:59:A:CYS:SG	1:123:A:CYS:SG	14	6.81
(20,7)	1:56:A:CYS:SG	1:120:A:CYS:SG	15	6.81
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD2	15	6.81
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD3	15	6.81
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD2	15	6.81
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD3	15	6.81
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD2	15	6.81
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD3	15	6.81
(1,1736)	1:20:A:THR:HG21	1:134:A:VAL:HB	12	6.81
(1,1736)	1:20:A:THR:HG22	1:134:A:VAL:HB	12	6.81
(1,1736)	1:20:A:THR:HG23	1:134:A:VAL:HB	12	6.81
(18,1439)	1:31:A:PRO:HD3	1:140:A:LEU:HG	8	6.8
(29,2440)	1:144:A:LEU:HB2	1:147:A:ARG:HE	15	6.79
(29,2440)	1:144:A:LEU:HB3	1:147:A:ARG:HE	15	6.79
(20,1)	1:120:A:CYS:SG	1:123:A:CYS:SG	2	6.79
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG21	18	6.79
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG22	18	6.79
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG23	18	6.79
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG21	18	6.79
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG22	18	6.79
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG23	18	6.79
(9,2432)	1:144:A:LEU:HD11	1:147:A:ARG:HE	8	6.79
(9,2432)	1:144:A:LEU:HD12	1:147:A:ARG:HE	8	6.79
(9,2432)	1:144:A:LEU:HD13	1:147:A:ARG:HE	8	6.79
(9,2432)	1:144:A:LEU:HD21	1:147:A:ARG:HE	8	6.79
(9,2432)	1:144:A:LEU:HD22	1:147:A:ARG:HE	8	6.79
(9,2432)	1:144:A:LEU:HD23	1:147:A:ARG:HE	8	6.79
(20,12)	1:59:A:CYS:SG	1:123:A:CYS:SG	9	6.78
(9,2432)	1:144:A:LEU:HD11	1:147:A:ARG:HE	9	6.78
(9,2432)	1:144:A:LEU:HD12	1:147:A:ARG:HE	9	6.78
(9,2432)	1:144:A:LEU:HD13	1:147:A:ARG:HE	9	6.78
(9,2432)	1:144:A:LEU:HD21	1:147:A:ARG:HE	9	6.78
(9,2432)	1:144:A:LEU:HD22	1:147:A:ARG:HE	9	6.78
(9,2432)	1:144:A:LEU:HD23	1:147:A:ARG:HE	9	6.78
(17,2482)	1:144:A:LEU:HD11	1:147:A:ARG:HE	8	6.77
(17,2482)	1:144:A:LEU:HD12	1:147:A:ARG:HE	8	6.77
(17,2482)	1:144:A:LEU:HD13	1:147:A:ARG:HE	8	6.77
(17,2482)	1:144:A:LEU:HD21	1:147:A:ARG:HE	8	6.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2482)	1:144:A:LEU:HD22	1:147:A:ARG:HE	8	6.77
(17,2482)	1:144:A:LEU:HD23	1:147:A:ARG:HE	8	6.77
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD11	8	6.76
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD12	8	6.76
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD13	8	6.76
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD21	8	6.76
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD22	8	6.76
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD23	8	6.76
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD11	8	6.76
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD12	8	6.76
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD13	8	6.76
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD21	8	6.76
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD22	8	6.76
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD23	8	6.76
(17,2482)	1:144:A:LEU:HD11	1:147:A:ARG:HE	9	6.76
(17,2482)	1:144:A:LEU:HD12	1:147:A:ARG:HE	9	6.76
(17,2482)	1:144:A:LEU:HD13	1:147:A:ARG:HE	9	6.76
(17,2482)	1:144:A:LEU:HD21	1:147:A:ARG:HE	9	6.76
(17,2482)	1:144:A:LEU:HD22	1:147:A:ARG:HE	9	6.76
(17,2482)	1:144:A:LEU:HD23	1:147:A:ARG:HE	9	6.76
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG11	2	6.76
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG12	2	6.76
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG13	2	6.76
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG21	2	6.76
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG22	2	6.76
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG23	2	6.76
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG11	2	6.76
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG12	2	6.76
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG13	2	6.76
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG21	2	6.76
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG22	2	6.76
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG23	2	6.76
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG11	2	6.76
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG12	2	6.76
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG13	2	6.76
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG21	2	6.76
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG22	2	6.76
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG23	2	6.76
(7,1688)	1:20:A:THR:HG21	1:134:A:VAL:HB	5	6.76
(7,1688)	1:20:A:THR:HG22	1:134:A:VAL:HB	5	6.76
(7,1688)	1:20:A:THR:HG23	1:134:A:VAL:HB	5	6.76
(5,2473)	1:144:A:LEU:HD11	1:147:A:ARG:HE	12	6.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2473)	1:144:A:LEU:HD12	1:147:A:ARG:HE	12	6.76
(5,2473)	1:144:A:LEU:HD13	1:147:A:ARG:HE	12	6.76
(5,2473)	1:144:A:LEU:HD21	1:147:A:ARG:HE	12	6.76
(5,2473)	1:144:A:LEU:HD22	1:147:A:ARG:HE	12	6.76
(5,2473)	1:144:A:LEU:HD23	1:147:A:ARG:HE	12	6.76
(16,2060)	1:30:A:LEU:HD11	1:79:A:THR:HB	2	6.74
(16,2060)	1:30:A:LEU:HD12	1:79:A:THR:HB	2	6.74
(16,2060)	1:30:A:LEU:HD13	1:79:A:THR:HB	2	6.74
(16,2060)	1:30:A:LEU:HD21	1:79:A:THR:HB	2	6.74
(16,2060)	1:30:A:LEU:HD22	1:79:A:THR:HB	2	6.74
(16,2060)	1:30:A:LEU:HD23	1:79:A:THR:HB	2	6.74
(33,2499)	1:144:A:LEU:HD11	1:147:A:ARG:HE	8	6.73
(33,2499)	1:144:A:LEU:HD12	1:147:A:ARG:HE	8	6.73
(33,2499)	1:144:A:LEU:HD13	1:147:A:ARG:HE	8	6.73
(33,2499)	1:144:A:LEU:HD21	1:147:A:ARG:HE	8	6.73
(33,2499)	1:144:A:LEU:HD22	1:147:A:ARG:HE	8	6.73
(33,2499)	1:144:A:LEU:HD23	1:147:A:ARG:HE	8	6.73
(33,1538)	1:144:A:LEU:HD21	1:147:A:ARG:HE	7	6.73
(33,1538)	1:144:A:LEU:HD22	1:147:A:ARG:HE	7	6.73
(33,1538)	1:144:A:LEU:HD23	1:147:A:ARG:HE	7	6.73
(17,1566)	1:144:A:LEU:HD21	1:147:A:ARG:HE	7	6.73
(17,1566)	1:144:A:LEU:HD22	1:147:A:ARG:HE	7	6.73
(17,1566)	1:144:A:LEU:HD23	1:147:A:ARG:HE	7	6.73
(9,1543)	1:144:A:LEU:HD21	1:147:A:ARG:HE	7	6.73
(9,1543)	1:144:A:LEU:HD22	1:147:A:ARG:HE	7	6.73
(9,1543)	1:144:A:LEU:HD23	1:147:A:ARG:HE	7	6.73
(5,2473)	1:144:A:LEU:HD11	1:147:A:ARG:HE	19	6.73
(5,2473)	1:144:A:LEU:HD12	1:147:A:ARG:HE	19	6.73
(5,2473)	1:144:A:LEU:HD13	1:147:A:ARG:HE	19	6.73
(5,2473)	1:144:A:LEU:HD21	1:147:A:ARG:HE	19	6.73
(5,2473)	1:144:A:LEU:HD22	1:147:A:ARG:HE	19	6.73
(5,2473)	1:144:A:LEU:HD23	1:147:A:ARG:HE	19	6.73
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG11	13	6.73
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG12	13	6.73
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG13	13	6.73
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG21	13	6.73
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG22	13	6.73
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG23	13	6.73
(1,763)	1:20:A:THR:HB	1:134:A:VAL:H	3	6.73
(33,2499)	1:144:A:LEU:HD11	1:147:A:ARG:HE	9	6.72
(33,2499)	1:144:A:LEU:HD12	1:147:A:ARG:HE	9	6.72
(33,2499)	1:144:A:LEU:HD13	1:147:A:ARG:HE	9	6.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2499)	1:144:A:LEU:HD21	1:147:A:ARG:HE	9	6.72
(33,2499)	1:144:A:LEU:HD22	1:147:A:ARG:HE	9	6.72
(33,2499)	1:144:A:LEU:HD23	1:147:A:ARG:HE	9	6.72
(29,709)	1:144:A:LEU:HD11	1:147:A:ARG:HE	7	6.72
(29,709)	1:144:A:LEU:HD12	1:147:A:ARG:HE	7	6.72
(29,709)	1:144:A:LEU:HD13	1:147:A:ARG:HE	7	6.72
(15,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	7	6.72
(15,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	7	6.72
(15,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	7	6.72
(18,1439)	1:31:A:PRO:HD3	1:140:A:LEU:HG	6	6.71
(33,2494)	1:144:A:LEU:HB2	1:147:A:ARG:HE	8	6.7
(33,2494)	1:144:A:LEU:HB3	1:147:A:ARG:HE	8	6.7
(29,1560)	1:144:A:LEU:HD21	1:147:A:ARG:HE	3	6.7
(29,1560)	1:144:A:LEU:HD22	1:147:A:ARG:HE	3	6.7
(29,1560)	1:144:A:LEU:HD23	1:147:A:ARG:HE	3	6.7
(15,1536)	1:144:A:LEU:HD21	1:147:A:ARG:HE	3	6.7
(15,1536)	1:144:A:LEU:HD22	1:147:A:ARG:HE	3	6.7
(15,1536)	1:144:A:LEU:HD23	1:147:A:ARG:HE	3	6.7
(20,7)	1:56:A:CYS:SG	1:120:A:CYS:SG	8	6.68
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	17	6.68
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	17	6.68
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	17	6.68
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	17	6.68
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	17	6.68
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	17	6.68
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE1	9	6.68
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE2	9	6.68
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE3	9	6.68
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE1	9	6.68
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE2	9	6.68
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE3	9	6.68
(2,1272)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	19	6.68
(2,1272)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	19	6.68
(2,1272)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	19	6.68
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	14	6.66
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	14	6.66
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	14	6.66
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	14	6.66
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	4	6.66
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	4	6.66
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	4	6.66
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	4	6.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG2	11	6.66
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG3	11	6.66
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG2	11	6.66
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG3	11	6.66
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG2	11	6.66
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG3	11	6.66
(7,742)	1:20:A:THR:HB	1:134:A:VAL:H	15	6.65
(33,1618)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	7	6.64
(16,1615)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	7	6.64
(15,2495)	1:144:A:LEU:HD11	1:147:A:ARG:HE	7	6.64
(15,2495)	1:144:A:LEU:HD12	1:147:A:ARG:HE	7	6.64
(15,2495)	1:144:A:LEU:HD13	1:147:A:ARG:HE	7	6.64
(15,2495)	1:144:A:LEU:HD21	1:147:A:ARG:HE	7	6.64
(15,2495)	1:144:A:LEU:HD22	1:147:A:ARG:HE	7	6.64
(15,2495)	1:144:A:LEU:HD23	1:147:A:ARG:HE	7	6.64
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG11	13	6.63
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG12	13	6.63
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG13	13	6.63
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG21	13	6.63
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG22	13	6.63
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG23	13	6.63
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG11	13	6.63
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG12	13	6.63
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG13	13	6.63
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG21	13	6.63
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG22	13	6.63
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG23	13	6.63
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG11	13	6.63
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG12	13	6.63
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG13	13	6.63
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG21	13	6.63
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG22	13	6.63
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG23	13	6.63
(33,1539)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	8	6.62
(33,1539)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	8	6.62
(33,1539)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	8	6.62
(33,1539)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	8	6.62
(33,1539)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	8	6.62
(33,1539)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	8	6.62
(29,2444)	1:144:A:LEU:HD11	1:147:A:ARG:HE	7	6.62
(29,2444)	1:144:A:LEU:HD12	1:147:A:ARG:HE	7	6.62
(29,2444)	1:144:A:LEU:HD13	1:147:A:ARG:HE	7	6.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2444)	1:144:A:LEU:HD21	1:147:A:ARG:HE	7	6.62
(29,2444)	1:144:A:LEU:HD22	1:147:A:ARG:HE	7	6.62
(29,2444)	1:144:A:LEU:HD23	1:147:A:ARG:HE	7	6.62
(20,1)	1:120:A:CYS:SG	1:123:A:CYS:SG	11	6.62
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE1	3	6.61
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE2	3	6.61
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE3	3	6.61
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE1	3	6.61
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE2	3	6.61
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE3	3	6.61
(32,2034)	1:30:A:LEU:HD11	1:143:A:TRP:HZ3	13	6.61
(32,2034)	1:30:A:LEU:HD12	1:143:A:TRP:HZ3	13	6.61
(32,2034)	1:30:A:LEU:HD13	1:143:A:TRP:HZ3	13	6.61
(32,2034)	1:30:A:LEU:HD21	1:143:A:TRP:HZ3	13	6.61
(32,2034)	1:30:A:LEU:HD22	1:143:A:TRP:HZ3	13	6.61
(32,2034)	1:30:A:LEU:HD23	1:143:A:TRP:HZ3	13	6.61
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE1	14	6.61
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE2	14	6.61
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE3	14	6.61
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG11	2	6.61
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG12	2	6.61
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG13	2	6.61
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG21	2	6.61
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG22	2	6.61
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG23	2	6.61
(5,2473)	1:144:A:LEU:HD11	1:147:A:ARG:HE	15	6.6
(5,2473)	1:144:A:LEU:HD12	1:147:A:ARG:HE	15	6.6
(5,2473)	1:144:A:LEU:HD13	1:147:A:ARG:HE	15	6.6
(5,2473)	1:144:A:LEU:HD21	1:147:A:ARG:HE	15	6.6
(5,2473)	1:144:A:LEU:HD22	1:147:A:ARG:HE	15	6.6
(5,2473)	1:144:A:LEU:HD23	1:147:A:ARG:HE	15	6.6
(9,2432)	1:144:A:LEU:HD11	1:147:A:ARG:HE	7	6.59
(9,2432)	1:144:A:LEU:HD12	1:147:A:ARG:HE	7	6.59
(9,2432)	1:144:A:LEU:HD13	1:147:A:ARG:HE	7	6.59
(9,2432)	1:144:A:LEU:HD21	1:147:A:ARG:HE	7	6.59
(9,2432)	1:144:A:LEU:HD22	1:147:A:ARG:HE	7	6.59
(9,2432)	1:144:A:LEU:HD23	1:147:A:ARG:HE	7	6.59
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG11	13	6.59
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG12	13	6.59
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG13	13	6.59
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG21	13	6.59
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG22	13	6.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG23	13	6.59
(7,742)	1:20:A:THR:HB	1:134:A:VAL:H	10	6.59
(33,677)	1:20:A:THR:H	1:133:A:ASN:H	18	6.58
(32,2035)	1:30:A:LEU:HD11	1:143:A:TRP:HH2	5	6.58
(32,2035)	1:30:A:LEU:HD12	1:143:A:TRP:HH2	5	6.58
(32,2035)	1:30:A:LEU:HD13	1:143:A:TRP:HH2	5	6.58
(32,2035)	1:30:A:LEU:HD21	1:143:A:TRP:HH2	5	6.58
(32,2035)	1:30:A:LEU:HD22	1:143:A:TRP:HH2	5	6.58
(32,2035)	1:30:A:LEU:HD23	1:143:A:TRP:HH2	5	6.58
(29,2440)	1:144:A:LEU:HB2	1:147:A:ARG:HE	8	6.58
(29,2440)	1:144:A:LEU:HB3	1:147:A:ARG:HE	8	6.58
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	15	6.57
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	15	6.57
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	15	6.57
(17,2482)	1:144:A:LEU:HD11	1:147:A:ARG:HE	7	6.57
(17,2482)	1:144:A:LEU:HD12	1:147:A:ARG:HE	7	6.57
(17,2482)	1:144:A:LEU:HD13	1:147:A:ARG:HE	7	6.57
(17,2482)	1:144:A:LEU:HD21	1:147:A:ARG:HE	7	6.57
(17,2482)	1:144:A:LEU:HD22	1:147:A:ARG:HE	7	6.57
(17,2482)	1:144:A:LEU:HD23	1:147:A:ARG:HE	7	6.57
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	15	6.57
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	15	6.57
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	15	6.57
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD2	8	6.56
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD3	8	6.56
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD2	8	6.56
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD3	8	6.56
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD2	8	6.56
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD3	8	6.56
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	15	6.56
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	15	6.56
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	15	6.56
(33,1538)	1:144:A:LEU:HD21	1:147:A:ARG:HE	6	6.55
(33,1538)	1:144:A:LEU:HD22	1:147:A:ARG:HE	6	6.55
(33,1538)	1:144:A:LEU:HD23	1:147:A:ARG:HE	6	6.55
(33,701)	1:144:A:LEU:HD11	1:147:A:ARG:HE	9	6.55
(33,701)	1:144:A:LEU:HD12	1:147:A:ARG:HE	9	6.55
(33,701)	1:144:A:LEU:HD13	1:147:A:ARG:HE	9	6.55
(17,1566)	1:144:A:LEU:HD21	1:147:A:ARG:HE	6	6.55
(17,1566)	1:144:A:LEU:HD22	1:147:A:ARG:HE	6	6.55
(17,1566)	1:144:A:LEU:HD23	1:147:A:ARG:HE	6	6.55
(17,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	9	6.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	9	6.55
(17,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	9	6.55
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG2	3	6.55
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG3	3	6.55
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG2	3	6.55
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG3	3	6.55
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG2	3	6.55
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG3	3	6.55
(9,1543)	1:144:A:LEU:HD21	1:147:A:ARG:HE	6	6.55
(9,1543)	1:144:A:LEU:HD22	1:147:A:ARG:HE	6	6.55
(9,1543)	1:144:A:LEU:HD23	1:147:A:ARG:HE	6	6.55
(9,696)	1:144:A:LEU:HD11	1:147:A:ARG:HE	9	6.55
(9,696)	1:144:A:LEU:HD12	1:147:A:ARG:HE	9	6.55
(9,696)	1:144:A:LEU:HD13	1:147:A:ARG:HE	9	6.55
(29,709)	1:144:A:LEU:HD11	1:147:A:ARG:HE	8	6.54
(29,709)	1:144:A:LEU:HD12	1:147:A:ARG:HE	8	6.54
(29,709)	1:144:A:LEU:HD13	1:147:A:ARG:HE	8	6.54
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD2	4	6.54
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD3	4	6.54
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD2	4	6.54
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD3	4	6.54
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD2	4	6.54
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD3	4	6.54
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD11	14	6.54
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD12	14	6.54
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD13	14	6.54
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD21	14	6.54
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD22	14	6.54
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD23	14	6.54
(15,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	8	6.54
(15,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	8	6.54
(15,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	8	6.54
(33,2499)	1:144:A:LEU:HD11	1:147:A:ARG:HE	7	6.53
(33,2499)	1:144:A:LEU:HD12	1:147:A:ARG:HE	7	6.53
(33,2499)	1:144:A:LEU:HD13	1:147:A:ARG:HE	7	6.53
(33,2499)	1:144:A:LEU:HD21	1:147:A:ARG:HE	7	6.53
(33,2499)	1:144:A:LEU:HD22	1:147:A:ARG:HE	7	6.53
(33,2499)	1:144:A:LEU:HD23	1:147:A:ARG:HE	7	6.53
(32,2034)	1:30:A:LEU:HD11	1:143:A:TRP:HZ3	1	6.53
(32,2034)	1:30:A:LEU:HD12	1:143:A:TRP:HZ3	1	6.53
(32,2034)	1:30:A:LEU:HD13	1:143:A:TRP:HZ3	1	6.53
(32,2034)	1:30:A:LEU:HD21	1:143:A:TRP:HZ3	1	6.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2034)	1:30:A:LEU:HD22	1:143:A:TRP:HZ3	1	6.53
(32,2034)	1:30:A:LEU:HD23	1:143:A:TRP:HZ3	1	6.53
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD21	7	6.53
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD22	7	6.53
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD23	7	6.53
(5,748)	1:43:A:MET:HE1	1:147:A:ARG:HE	7	6.53
(5,748)	1:43:A:MET:HE2	1:147:A:ARG:HE	7	6.53
(5,748)	1:43:A:MET:HE3	1:147:A:ARG:HE	7	6.53
(32,2035)	1:30:A:LEU:HD11	1:143:A:TRP:HH2	19	6.52
(32,2035)	1:30:A:LEU:HD12	1:143:A:TRP:HH2	19	6.52
(32,2035)	1:30:A:LEU:HD13	1:143:A:TRP:HH2	19	6.52
(32,2035)	1:30:A:LEU:HD21	1:143:A:TRP:HH2	19	6.52
(32,2035)	1:30:A:LEU:HD22	1:143:A:TRP:HH2	19	6.52
(32,2035)	1:30:A:LEU:HD23	1:143:A:TRP:HH2	19	6.52
(7,1688)	1:20:A:THR:HG21	1:134:A:VAL:HB	16	6.52
(7,1688)	1:20:A:THR:HG22	1:134:A:VAL:HB	16	6.52
(7,1688)	1:20:A:THR:HG23	1:134:A:VAL:HB	16	6.52
(32,2035)	1:30:A:LEU:HD11	1:143:A:TRP:HH2	13	6.51
(32,2035)	1:30:A:LEU:HD12	1:143:A:TRP:HH2	13	6.51
(32,2035)	1:30:A:LEU:HD13	1:143:A:TRP:HH2	13	6.51
(32,2035)	1:30:A:LEU:HD21	1:143:A:TRP:HH2	13	6.51
(32,2035)	1:30:A:LEU:HD22	1:143:A:TRP:HH2	13	6.51
(32,2035)	1:30:A:LEU:HD23	1:143:A:TRP:HH2	13	6.51
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	18	6.51
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	18	6.51
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	18	6.51
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	18	6.51
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	18	6.51
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	18	6.51
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	18	6.51
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	18	6.51
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	18	6.51
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	18	6.51
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	18	6.51
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	18	6.51
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	18	6.51
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	18	6.51
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	18	6.51
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	18	6.51
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	18	6.51
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	18	6.51
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	18	6.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	18	6.51
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	18	6.51
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	18	6.51
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	18	6.51
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	18	6.51
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	18	6.51
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	18	6.51
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	18	6.51
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG2	14	6.5
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG3	14	6.5
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG2	14	6.5
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG3	14	6.5
(19,23)	1:59:A:CYS:SG	1:123:A:CYS:CB	12	6.49
(18,1439)	1:31:A:PRO:HD3	1:140:A:LEU:HG	4	6.49
(18,1439)	1:31:A:PRO:HD3	1:140:A:LEU:HG	5	6.48
(1,192)	1:68:A:LYS:HE2	1:93:A:GLU:H	13	6.48
(1,192)	1:68:A:LYS:HE3	1:93:A:GLU:H	13	6.48
(20,12)	1:59:A:CYS:SG	1:123:A:CYS:SG	7	6.47
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD11	10	6.47
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD12	10	6.47
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD13	10	6.47
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD21	10	6.47
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD22	10	6.47
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD23	10	6.47
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG11	13	6.45
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG12	13	6.45
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG13	13	6.45
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG21	13	6.45
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG22	13	6.45
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG23	13	6.45
(33,701)	1:144:A:LEU:HD11	1:147:A:ARG:HE	7	6.44
(33,701)	1:144:A:LEU:HD12	1:147:A:ARG:HE	7	6.44
(33,701)	1:144:A:LEU:HD13	1:147:A:ARG:HE	7	6.44
(32,2035)	1:30:A:LEU:HD11	1:143:A:TRP:HH2	1	6.44
(32,2035)	1:30:A:LEU:HD12	1:143:A:TRP:HH2	1	6.44
(32,2035)	1:30:A:LEU:HD13	1:143:A:TRP:HH2	1	6.44
(32,2035)	1:30:A:LEU:HD21	1:143:A:TRP:HH2	1	6.44
(32,2035)	1:30:A:LEU:HD22	1:143:A:TRP:HH2	1	6.44
(32,2035)	1:30:A:LEU:HD23	1:143:A:TRP:HH2	1	6.44
(20,1)	1:120:A:CYS:SG	1:123:A:CYS:SG	8	6.44
(17,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	7	6.44
(17,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	7	6.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	7	6.44
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD11	16	6.44
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD12	16	6.44
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD13	16	6.44
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD21	16	6.44
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD22	16	6.44
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD23	16	6.44
(9,696)	1:144:A:LEU:HD11	1:147:A:ARG:HE	7	6.44
(9,696)	1:144:A:LEU:HD12	1:147:A:ARG:HE	7	6.44
(9,696)	1:144:A:LEU:HD13	1:147:A:ARG:HE	7	6.44
(2,1272)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	1	6.44
(2,1272)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	1	6.44
(2,1272)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	1	6.44
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	17	6.43
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	17	6.43
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	17	6.43
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	17	6.43
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	17	6.43
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	17	6.43
(20,7)	1:56:A:CYS:SG	1:120:A:CYS:SG	5	6.43
(7,1688)	1:20:A:THR:HG21	1:134:A:VAL:HB	3	6.43
(7,1688)	1:20:A:THR:HG22	1:134:A:VAL:HB	3	6.43
(7,1688)	1:20:A:THR:HG23	1:134:A:VAL:HB	3	6.43
(1,763)	1:20:A:THR:HB	1:134:A:VAL:H	15	6.43
(33,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	15	6.42
(33,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	15	6.42
(33,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	15	6.42
(33,1538)	1:144:A:LEU:HD21	1:147:A:ARG:HE	3	6.42
(33,1538)	1:144:A:LEU:HD22	1:147:A:ARG:HE	3	6.42
(33,1538)	1:144:A:LEU:HD23	1:147:A:ARG:HE	3	6.42
(32,1585)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	15	6.42
(32,1585)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	15	6.42
(32,1585)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	15	6.42
(20,1)	1:120:A:CYS:SG	1:123:A:CYS:SG	12	6.42
(19,23)	1:59:A:CYS:SG	1:123:A:CYS:CB	2	6.42
(17,1566)	1:144:A:LEU:HD21	1:147:A:ARG:HE	3	6.42
(17,1566)	1:144:A:LEU:HD22	1:147:A:ARG:HE	3	6.42
(17,1566)	1:144:A:LEU:HD23	1:147:A:ARG:HE	3	6.42
(15,2495)	1:144:A:LEU:HD11	1:147:A:ARG:HE	6	6.42
(15,2495)	1:144:A:LEU:HD12	1:147:A:ARG:HE	6	6.42
(15,2495)	1:144:A:LEU:HD13	1:147:A:ARG:HE	6	6.42
(15,2495)	1:144:A:LEU:HD21	1:147:A:ARG:HE	6	6.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2495)	1:144:A:LEU:HD22	1:147:A:ARG:HE	6	6.42
(15,2495)	1:144:A:LEU:HD23	1:147:A:ARG:HE	6	6.42
(9,1543)	1:144:A:LEU:HD21	1:147:A:ARG:HE	3	6.42
(9,1543)	1:144:A:LEU:HD22	1:147:A:ARG:HE	3	6.42
(9,1543)	1:144:A:LEU:HD23	1:147:A:ARG:HE	3	6.42
(3,1653)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	15	6.42
(3,1653)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	15	6.42
(3,1653)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	15	6.42
(2,1638)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	15	6.42
(2,1638)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	15	6.42
(2,1638)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	15	6.42
(33,677)	1:20:A:THR:H	1:133:A:ASN:H	2	6.41
(32,2034)	1:30:A:LEU:HD11	1:143:A:TRP:HZ3	5	6.41
(32,2034)	1:30:A:LEU:HD12	1:143:A:TRP:HZ3	5	6.41
(32,2034)	1:30:A:LEU:HD13	1:143:A:TRP:HZ3	5	6.41
(32,2034)	1:30:A:LEU:HD21	1:143:A:TRP:HZ3	5	6.41
(32,2034)	1:30:A:LEU:HD22	1:143:A:TRP:HZ3	5	6.41
(32,2034)	1:30:A:LEU:HD23	1:143:A:TRP:HZ3	5	6.41
(32,2034)	1:30:A:LEU:HD11	1:143:A:TRP:HZ3	15	6.4
(32,2034)	1:30:A:LEU:HD12	1:143:A:TRP:HZ3	15	6.4
(32,2034)	1:30:A:LEU:HD13	1:143:A:TRP:HZ3	15	6.4
(32,2034)	1:30:A:LEU:HD21	1:143:A:TRP:HZ3	15	6.4
(32,2034)	1:30:A:LEU:HD22	1:143:A:TRP:HZ3	15	6.4
(32,2034)	1:30:A:LEU:HD23	1:143:A:TRP:HZ3	15	6.4
(29,2444)	1:144:A:LEU:HD11	1:147:A:ARG:HE	6	6.4
(29,2444)	1:144:A:LEU:HD12	1:147:A:ARG:HE	6	6.4
(29,2444)	1:144:A:LEU:HD13	1:147:A:ARG:HE	6	6.4
(29,2444)	1:144:A:LEU:HD21	1:147:A:ARG:HE	6	6.4
(29,2444)	1:144:A:LEU:HD22	1:147:A:ARG:HE	6	6.4
(29,2444)	1:144:A:LEU:HD23	1:147:A:ARG:HE	6	6.4
(29,709)	1:144:A:LEU:HD11	1:147:A:ARG:HE	6	6.4
(29,709)	1:144:A:LEU:HD12	1:147:A:ARG:HE	6	6.4
(29,709)	1:144:A:LEU:HD13	1:147:A:ARG:HE	6	6.4
(15,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	6	6.4
(15,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	6	6.4
(15,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	6	6.4
(17,2049)	1:23:A:LEU:HB2	1:146:A:GLN:HG2	1	6.38
(17,2049)	1:23:A:LEU:HB2	1:146:A:GLN:HG3	1	6.38
(17,2049)	1:23:A:LEU:HB3	1:146:A:GLN:HG2	1	6.38
(17,2049)	1:23:A:LEU:HB3	1:146:A:GLN:HG3	1	6.38
(9,2023)	1:23:A:LEU:HD11	1:147:A:ARG:H	19	6.38
(9,2023)	1:23:A:LEU:HD12	1:147:A:ARG:H	19	6.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2023)	1:23:A:LEU:HD13	1:147:A:ARG:H	19	6.38
(9,2023)	1:23:A:LEU:HD21	1:147:A:ARG:H	19	6.38
(9,2023)	1:23:A:LEU:HD22	1:147:A:ARG:H	19	6.38
(9,2023)	1:23:A:LEU:HD23	1:147:A:ARG:H	19	6.38
(7,1994)	1:23:A:LEU:HB2	1:146:A:GLN:HG2	1	6.38
(7,1994)	1:23:A:LEU:HB2	1:146:A:GLN:HG3	1	6.38
(7,1994)	1:23:A:LEU:HB3	1:146:A:GLN:HG2	1	6.38
(7,1994)	1:23:A:LEU:HB3	1:146:A:GLN:HG3	1	6.38
(32,2033)	1:30:A:LEU:HD11	1:143:A:TRP:HE3	12	6.37
(32,2033)	1:30:A:LEU:HD12	1:143:A:TRP:HE3	12	6.37
(32,2033)	1:30:A:LEU:HD13	1:143:A:TRP:HE3	12	6.37
(32,2033)	1:30:A:LEU:HD21	1:143:A:TRP:HE3	12	6.37
(32,2033)	1:30:A:LEU:HD22	1:143:A:TRP:HE3	12	6.37
(32,2033)	1:30:A:LEU:HD23	1:143:A:TRP:HE3	12	6.37
(9,2432)	1:144:A:LEU:HD11	1:147:A:ARG:HE	6	6.37
(9,2432)	1:144:A:LEU:HD12	1:147:A:ARG:HE	6	6.37
(9,2432)	1:144:A:LEU:HD13	1:147:A:ARG:HE	6	6.37
(9,2432)	1:144:A:LEU:HD21	1:147:A:ARG:HE	6	6.37
(9,2432)	1:144:A:LEU:HD22	1:147:A:ARG:HE	6	6.37
(9,2432)	1:144:A:LEU:HD23	1:147:A:ARG:HE	6	6.37
(5,748)	1:43:A:MET:HE1	1:147:A:ARG:HE	13	6.37
(5,748)	1:43:A:MET:HE2	1:147:A:ARG:HE	13	6.37
(5,748)	1:43:A:MET:HE3	1:147:A:ARG:HE	13	6.37
(1,1736)	1:20:A:THR:HG21	1:134:A:VAL:HB	19	6.37
(1,1736)	1:20:A:THR:HG22	1:134:A:VAL:HB	19	6.37
(1,1736)	1:20:A:THR:HG23	1:134:A:VAL:HB	19	6.37
(1,763)	1:20:A:THR:HB	1:134:A:VAL:H	10	6.37
(18,1439)	1:31:A:PRO:HD3	1:140:A:LEU:HG	11	6.36
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG21	13	6.36
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG22	13	6.36
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG23	13	6.36
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG21	13	6.36
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG22	13	6.36
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG23	13	6.36
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG21	13	6.36
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG22	13	6.36
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG23	13	6.36
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG11	13	6.36
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG12	13	6.36
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG13	13	6.36
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG11	13	6.36
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG12	13	6.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG13	13	6.36
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG11	13	6.36
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG12	13	6.36
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG13	13	6.36
(33,1539)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	12	6.35
(33,1539)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	12	6.35
(33,1539)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	12	6.35
(33,1539)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	12	6.35
(33,1539)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	12	6.35
(33,1539)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	12	6.35
(17,2482)	1:144:A:LEU:HD11	1:147:A:ARG:HE	6	6.35
(17,2482)	1:144:A:LEU:HD12	1:147:A:ARG:HE	6	6.35
(17,2482)	1:144:A:LEU:HD13	1:147:A:ARG:HE	6	6.35
(17,2482)	1:144:A:LEU:HD21	1:147:A:ARG:HE	6	6.35
(17,2482)	1:144:A:LEU:HD22	1:147:A:ARG:HE	6	6.35
(17,2482)	1:144:A:LEU:HD23	1:147:A:ARG:HE	6	6.35
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG11	2	6.35
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG12	2	6.35
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG13	2	6.35
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG21	2	6.35
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG22	2	6.35
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG23	2	6.35
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG11	2	6.35
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG12	2	6.35
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG13	2	6.35
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG21	2	6.35
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG22	2	6.35
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG23	2	6.35
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG11	2	6.35
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG12	2	6.35
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG13	2	6.35
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG21	2	6.35
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG22	2	6.35
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG23	2	6.35
(16,1698)	1:27:A:ARG:HA	1:31:A:PRO:HD2	10	6.34
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG2	4	6.34
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG3	4	6.34
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG2	4	6.34
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG3	4	6.34
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG2	4	6.34
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG3	4	6.34
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB2	9	6.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB3	9	6.34
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB2	9	6.34
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB3	9	6.34
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB2	9	6.34
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB3	9	6.34
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	17	6.34
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	17	6.34
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	17	6.34
(32,2035)	1:30:A:LEU:HD11	1:143:A:TRP:HH2	15	6.33
(32,2035)	1:30:A:LEU:HD12	1:143:A:TRP:HH2	15	6.33
(32,2035)	1:30:A:LEU:HD13	1:143:A:TRP:HH2	15	6.33
(32,2035)	1:30:A:LEU:HD21	1:143:A:TRP:HH2	15	6.33
(32,2035)	1:30:A:LEU:HD22	1:143:A:TRP:HH2	15	6.33
(32,2035)	1:30:A:LEU:HD23	1:143:A:TRP:HH2	15	6.33
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD11	6	6.33
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD12	6	6.33
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD13	6	6.33
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD21	6	6.33
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD22	6	6.33
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD23	6	6.33
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG2	16	6.33
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG3	16	6.33
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG2	16	6.33
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG3	16	6.33
(33,2494)	1:144:A:LEU:HB2	1:147:A:ARG:HE	9	6.32
(33,2494)	1:144:A:LEU:HB3	1:147:A:ARG:HE	9	6.32
(29,709)	1:144:A:LEU:HD11	1:147:A:ARG:HE	3	6.32
(29,709)	1:144:A:LEU:HD12	1:147:A:ARG:HE	3	6.32
(29,709)	1:144:A:LEU:HD13	1:147:A:ARG:HE	3	6.32
(20,7)	1:56:A:CYS:SG	1:120:A:CYS:SG	16	6.32
(15,2495)	1:144:A:LEU:HD11	1:147:A:ARG:HE	3	6.32
(15,2495)	1:144:A:LEU:HD12	1:147:A:ARG:HE	3	6.32
(15,2495)	1:144:A:LEU:HD13	1:147:A:ARG:HE	3	6.32
(15,2495)	1:144:A:LEU:HD21	1:147:A:ARG:HE	3	6.32
(15,2495)	1:144:A:LEU:HD22	1:147:A:ARG:HE	3	6.32
(15,2495)	1:144:A:LEU:HD23	1:147:A:ARG:HE	3	6.32
(15,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	3	6.32
(15,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	3	6.32
(15,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	3	6.32
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB2	7	6.32
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB3	7	6.32
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB2	7	6.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB3	7	6.32
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	4	6.31
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	4	6.31
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	4	6.31
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	4	6.31
(33,2499)	1:144:A:LEU:HD11	1:147:A:ARG:HE	6	6.31
(33,2499)	1:144:A:LEU:HD12	1:147:A:ARG:HE	6	6.31
(33,2499)	1:144:A:LEU:HD13	1:147:A:ARG:HE	6	6.31
(33,2499)	1:144:A:LEU:HD21	1:147:A:ARG:HE	6	6.31
(33,2499)	1:144:A:LEU:HD22	1:147:A:ARG:HE	6	6.31
(33,2499)	1:144:A:LEU:HD23	1:147:A:ARG:HE	6	6.31
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD11	19	6.31
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD12	19	6.31
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD13	19	6.31
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD21	19	6.31
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD22	19	6.31
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD23	19	6.31
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD11	19	6.31
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD12	19	6.31
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD13	19	6.31
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD21	19	6.31
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD22	19	6.31
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD23	19	6.31
(32,1378)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	15	6.31
(32,1378)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	15	6.31
(32,1378)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	15	6.31
(17,2049)	1:23:A:LEU:HB2	1:146:A:GLN:HG2	19	6.31
(17,2049)	1:23:A:LEU:HB2	1:146:A:GLN:HG3	19	6.31
(17,2049)	1:23:A:LEU:HB3	1:146:A:GLN:HG2	19	6.31
(17,2049)	1:23:A:LEU:HB3	1:146:A:GLN:HG3	19	6.31
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG2	14	6.31
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG3	14	6.31
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG2	14	6.31
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG3	14	6.31
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG2	14	6.31
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG3	14	6.31
(7,1994)	1:23:A:LEU:HB2	1:146:A:GLN:HG2	19	6.31
(7,1994)	1:23:A:LEU:HB2	1:146:A:GLN:HG3	19	6.31
(7,1994)	1:23:A:LEU:HB3	1:146:A:GLN:HG2	19	6.31
(7,1994)	1:23:A:LEU:HB3	1:146:A:GLN:HG3	19	6.31
(3,1435)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	15	6.31
(3,1435)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	15	6.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1435)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	15	6.31
(32,839)	1:30:A:LEU:HB2	1:143:A:TRP:HZ3	12	6.3
(32,839)	1:30:A:LEU:HB3	1:143:A:TRP:HZ3	12	6.3
(29,2444)	1:144:A:LEU:HD11	1:147:A:ARG:HE	3	6.3
(29,2444)	1:144:A:LEU:HD12	1:147:A:ARG:HE	3	6.3
(29,2444)	1:144:A:LEU:HD13	1:147:A:ARG:HE	3	6.3
(29,2444)	1:144:A:LEU:HD21	1:147:A:ARG:HE	3	6.3
(29,2444)	1:144:A:LEU:HD22	1:147:A:ARG:HE	3	6.3
(29,2444)	1:144:A:LEU:HD23	1:147:A:ARG:HE	3	6.3
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB2	8	6.29
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB3	8	6.29
(5,1561)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	8	6.29
(5,1561)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	8	6.29
(5,1561)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	8	6.29
(5,1561)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	8	6.29
(5,1561)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	8	6.29
(5,1561)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	8	6.29
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD11	9	6.28
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD12	9	6.28
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD13	9	6.28
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD11	9	6.28
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD12	9	6.28
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD13	9	6.28
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD11	9	6.28
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD12	9	6.28
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD13	9	6.28
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG2	7	6.28
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG3	7	6.28
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG2	7	6.28
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG3	7	6.28
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG2	7	6.28
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG3	7	6.28
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	15	6.28
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	15	6.28
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	15	6.28
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	15	6.28
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	15	6.28
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	15	6.28
(17,2049)	1:23:A:LEU:HB2	1:146:A:GLN:HG2	2	6.27
(17,2049)	1:23:A:LEU:HB2	1:146:A:GLN:HG3	2	6.27
(17,2049)	1:23:A:LEU:HB3	1:146:A:GLN:HG2	2	6.27
(17,2049)	1:23:A:LEU:HB3	1:146:A:GLN:HG3	2	6.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,756)	1:43:A:MET:HE1	1:147:A:ARG:HE	7	6.27
(17,756)	1:43:A:MET:HE2	1:147:A:ARG:HE	7	6.27
(17,756)	1:43:A:MET:HE3	1:147:A:ARG:HE	7	6.27
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG21	4	6.27
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG22	4	6.27
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG23	4	6.27
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG21	4	6.27
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG22	4	6.27
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG23	4	6.27
(9,2432)	1:144:A:LEU:HD11	1:147:A:ARG:HE	3	6.27
(9,2432)	1:144:A:LEU:HD12	1:147:A:ARG:HE	3	6.27
(9,2432)	1:144:A:LEU:HD13	1:147:A:ARG:HE	3	6.27
(9,2432)	1:144:A:LEU:HD21	1:147:A:ARG:HE	3	6.27
(9,2432)	1:144:A:LEU:HD22	1:147:A:ARG:HE	3	6.27
(9,2432)	1:144:A:LEU:HD23	1:147:A:ARG:HE	3	6.27
(7,1994)	1:23:A:LEU:HB2	1:146:A:GLN:HG2	2	6.27
(7,1994)	1:23:A:LEU:HB2	1:146:A:GLN:HG3	2	6.27
(7,1994)	1:23:A:LEU:HB3	1:146:A:GLN:HG2	2	6.27
(7,1994)	1:23:A:LEU:HB3	1:146:A:GLN:HG3	2	6.27
(33,701)	1:144:A:LEU:HD11	1:147:A:ARG:HE	8	6.26
(33,701)	1:144:A:LEU:HD12	1:147:A:ARG:HE	8	6.26
(33,701)	1:144:A:LEU:HD13	1:147:A:ARG:HE	8	6.26
(20,12)	1:59:A:CYS:SG	1:123:A:CYS:SG	19	6.26
(17,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	8	6.26
(17,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	8	6.26
(17,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	8	6.26
(16,2060)	1:30:A:LEU:HD11	1:79:A:THR:HB	5	6.26
(16,2060)	1:30:A:LEU:HD12	1:79:A:THR:HB	5	6.26
(16,2060)	1:30:A:LEU:HD13	1:79:A:THR:HB	5	6.26
(16,2060)	1:30:A:LEU:HD21	1:79:A:THR:HB	5	6.26
(16,2060)	1:30:A:LEU:HD22	1:79:A:THR:HB	5	6.26
(16,2060)	1:30:A:LEU:HD23	1:79:A:THR:HB	5	6.26
(9,696)	1:144:A:LEU:HD11	1:147:A:ARG:HE	8	6.26
(9,696)	1:144:A:LEU:HD12	1:147:A:ARG:HE	8	6.26
(9,696)	1:144:A:LEU:HD13	1:147:A:ARG:HE	8	6.26
(18,1439)	1:31:A:PRO:HD3	1:140:A:LEU:HG	16	6.25
(17,2482)	1:144:A:LEU:HD11	1:147:A:ARG:HE	3	6.25
(17,2482)	1:144:A:LEU:HD12	1:147:A:ARG:HE	3	6.25
(17,2482)	1:144:A:LEU:HD13	1:147:A:ARG:HE	3	6.25
(17,2482)	1:144:A:LEU:HD21	1:147:A:ARG:HE	3	6.25
(17,2482)	1:144:A:LEU:HD22	1:147:A:ARG:HE	3	6.25
(17,2482)	1:144:A:LEU:HD23	1:147:A:ARG:HE	3	6.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE1	14	6.25
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE2	14	6.25
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE3	14	6.25
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE1	14	6.25
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE2	14	6.25
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE3	14	6.25
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD2	13	6.25
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD3	13	6.25
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD2	13	6.25
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD3	13	6.25
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD2	13	6.25
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD3	13	6.25
(32,839)	1:30:A:LEU:HB2	1:143:A:TRP:HZ3	19	6.24
(32,839)	1:30:A:LEU:HB3	1:143:A:TRP:HZ3	19	6.24
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	14	6.24
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	14	6.24
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	14	6.24
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	14	6.24
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	14	6.24
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	14	6.24
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	14	6.24
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	14	6.24
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	14	6.24
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	14	6.24
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	14	6.24
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	14	6.24
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	14	6.24
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	14	6.24
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	14	6.24
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	14	6.24
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	14	6.24
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	14	6.24
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	16	6.24
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	16	6.24
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	16	6.24
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	16	6.24
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	16	6.24
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	16	6.24
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	16	6.24
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	16	6.24
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	16	6.24
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	16	6.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	16	6.24
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	16	6.24
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	16	6.24
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	16	6.24
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	16	6.24
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	16	6.24
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	16	6.24
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	16	6.24
(7,1688)	1:20:A:THR:HG21	1:134:A:VAL:HB	10	6.24
(7,1688)	1:20:A:THR:HG22	1:134:A:VAL:HB	10	6.24
(7,1688)	1:20:A:THR:HG23	1:134:A:VAL:HB	10	6.24
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG2	18	6.24
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG3	18	6.24
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG2	18	6.24
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG3	18	6.24
(20,1)	1:120:A:CYS:SG	1:123:A:CYS:SG	14	6.23
(20,7)	1:56:A:CYS:SG	1:120:A:CYS:SG	18	6.22
(17,1567)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	8	6.22
(17,1567)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	8	6.22
(17,1567)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	8	6.22
(17,1567)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	8	6.22
(17,1567)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	8	6.22
(17,1567)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	8	6.22
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	16	6.22
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	16	6.22
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	16	6.22
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	16	6.22
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	16	6.22
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	16	6.22
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	16	6.22
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	16	6.22
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	16	6.22
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG11	2	6.22
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG12	2	6.22
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG13	2	6.22
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG21	2	6.22
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG22	2	6.22
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG23	2	6.22
(33,2499)	1:144:A:LEU:HD11	1:147:A:ARG:HE	3	6.21
(33,2499)	1:144:A:LEU:HD12	1:147:A:ARG:HE	3	6.21
(33,2499)	1:144:A:LEU:HD13	1:147:A:ARG:HE	3	6.21
(33,2499)	1:144:A:LEU:HD21	1:147:A:ARG:HE	3	6.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2499)	1:144:A:LEU:HD22	1:147:A:ARG:HE	3	6.21
(33,2499)	1:144:A:LEU:HD23	1:147:A:ARG:HE	3	6.21
(32,2033)	1:30:A:LEU:HD11	1:143:A:TRP:HE3	19	6.2
(32,2033)	1:30:A:LEU:HD12	1:143:A:TRP:HE3	19	6.2
(32,2033)	1:30:A:LEU:HD13	1:143:A:TRP:HE3	19	6.2
(32,2033)	1:30:A:LEU:HD21	1:143:A:TRP:HE3	19	6.2
(32,2033)	1:30:A:LEU:HD22	1:143:A:TRP:HE3	19	6.2
(32,2033)	1:30:A:LEU:HD23	1:143:A:TRP:HE3	19	6.2
(29,2440)	1:144:A:LEU:HB2	1:147:A:ARG:HE	9	6.2
(29,2440)	1:144:A:LEU:HB3	1:147:A:ARG:HE	9	6.2
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG2	6	6.2
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG3	6	6.2
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG2	6	6.2
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG3	6	6.2
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG2	6	6.2
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG3	6	6.2
(1,192)	1:68:A:LYS:HE2	1:93:A:GLU:H	2	6.2
(1,192)	1:68:A:LYS:HE3	1:93:A:GLU:H	2	6.2
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	17	6.19
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	17	6.19
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	17	6.19
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD2	17	6.19
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD3	17	6.19
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD2	17	6.19
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD3	17	6.19
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD2	17	6.19
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD3	17	6.19
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	12	6.18
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	12	6.18
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	12	6.18
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	12	6.18
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD21	18	6.18
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD22	18	6.18
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD23	18	6.18
(1,1736)	1:20:A:THR:HG21	1:134:A:VAL:HB	5	6.18
(1,1736)	1:20:A:THR:HG22	1:134:A:VAL:HB	5	6.18
(1,1736)	1:20:A:THR:HG23	1:134:A:VAL:HB	5	6.18
(33,1539)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	4	6.17
(33,1539)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	4	6.17
(33,1539)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	4	6.17
(33,1539)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	4	6.17
(33,1539)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	4	6.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1539)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	4	6.17
(20,7)	1:56:A:CYS:SG	1:120:A:CYS:SG	3	6.17
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	14	6.17
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	14	6.17
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	14	6.17
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	14	6.17
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	14	6.17
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	14	6.17
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	14	6.17
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	14	6.17
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	14	6.17
(3,2044)	1:17:A:ASN:HD21	1:78:A:HIS:H	13	6.17
(3,2044)	1:17:A:ASN:HD22	1:78:A:HIS:H	13	6.17
(16,2060)	1:30:A:LEU:HD11	1:79:A:THR:HB	15	6.16
(16,2060)	1:30:A:LEU:HD12	1:79:A:THR:HB	15	6.16
(16,2060)	1:30:A:LEU:HD13	1:79:A:THR:HB	15	6.16
(16,2060)	1:30:A:LEU:HD21	1:79:A:THR:HB	15	6.16
(16,2060)	1:30:A:LEU:HD22	1:79:A:THR:HB	15	6.16
(16,2060)	1:30:A:LEU:HD23	1:79:A:THR:HB	15	6.16
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD11	7	6.16
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD12	7	6.16
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD13	7	6.16
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD21	7	6.16
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD22	7	6.16
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD23	7	6.16
(20,1)	1:120:A:CYS:SG	1:123:A:CYS:SG	7	6.15
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG2	18	6.15
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG3	18	6.15
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG2	18	6.15
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG3	18	6.15
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG2	18	6.15
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG3	18	6.15
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG11	12	6.14
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG12	12	6.14
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG13	12	6.14
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG21	12	6.14
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG22	12	6.14
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG23	12	6.14
(16,2059)	1:30:A:LEU:HD11	1:79:A:THR:HA	13	6.13
(16,2059)	1:30:A:LEU:HD12	1:79:A:THR:HA	13	6.13
(16,2059)	1:30:A:LEU:HD13	1:79:A:THR:HA	13	6.13
(16,2059)	1:30:A:LEU:HD21	1:79:A:THR:HA	13	6.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2059)	1:30:A:LEU:HD22	1:79:A:THR:HA	13	6.13
(16,2059)	1:30:A:LEU:HD23	1:79:A:THR:HA	13	6.13
(13,829)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	18	6.13
(13,829)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	18	6.13
(33,701)	1:144:A:LEU:HD11	1:147:A:ARG:HE	6	6.12
(33,701)	1:144:A:LEU:HD12	1:147:A:ARG:HE	6	6.12
(33,701)	1:144:A:LEU:HD13	1:147:A:ARG:HE	6	6.12
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	17	6.12
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	17	6.12
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	17	6.12
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	17	6.12
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	17	6.12
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	17	6.12
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	17	6.12
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	17	6.12
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	17	6.12
(17,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	6	6.12
(17,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	6	6.12
(17,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	6	6.12
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	17	6.12
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	17	6.12
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	17	6.12
(9,2001)	1:17:A:ASN:HD21	1:78:A:HIS:H	13	6.12
(9,2001)	1:17:A:ASN:HD22	1:78:A:HIS:H	13	6.12
(9,696)	1:144:A:LEU:HD11	1:147:A:ARG:HE	6	6.12
(9,696)	1:144:A:LEU:HD12	1:147:A:ARG:HE	6	6.12
(9,696)	1:144:A:LEU:HD13	1:147:A:ARG:HE	6	6.12
(6,2028)	1:17:A:ASN:HD21	1:78:A:HIS:H	13	6.12
(6,2028)	1:17:A:ASN:HD22	1:78:A:HIS:H	13	6.12
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	12	6.11
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	12	6.11
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	12	6.11
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	12	6.11
(17,756)	1:43:A:MET:HE1	1:147:A:ARG:HE	13	6.11
(17,756)	1:43:A:MET:HE2	1:147:A:ARG:HE	13	6.11
(17,756)	1:43:A:MET:HE3	1:147:A:ARG:HE	13	6.11
(19,6)	1:123:A:CYS:SG	1:52:A:CYS:CB	13	6.1
(33,2494)	1:144:A:LEU:HB2	1:147:A:ARG:HE	11	6.09
(33,2494)	1:144:A:LEU:HB3	1:147:A:ARG:HE	11	6.09
(20,7)	1:56:A:CYS:SG	1:120:A:CYS:SG	13	6.08
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG21	2	6.08
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG22	2	6.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG23	2	6.08
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG21	2	6.08
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG22	2	6.08
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG23	2	6.08
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG21	2	6.08
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG22	2	6.08
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG23	2	6.08
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG11	2	6.08
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG12	2	6.08
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG13	2	6.08
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG11	2	6.08
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG12	2	6.08
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG13	2	6.08
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG11	2	6.08
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG12	2	6.08
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG13	2	6.08
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	17	6.08
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	17	6.08
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	17	6.08
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD2	8	6.08
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD3	8	6.08
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD2	8	6.08
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD3	8	6.08
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD2	8	6.08
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD3	8	6.08
(18,1439)	1:31:A:PRO:HD3	1:140:A:LEU:HG	12	6.07
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD2	13	6.07
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD3	13	6.07
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD2	13	6.07
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD3	13	6.07
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD2	13	6.07
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD3	13	6.07
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	6	6.07
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	6	6.07
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	6	6.07
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	6	6.07
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	6	6.07
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	6	6.07
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	6	6.07
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	6	6.07
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	6	6.07
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG2	4	6.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG3	4	6.07
(5,2473)	1:144:A:LEU:HD11	1:147:A:ARG:HE	8	6.07
(5,2473)	1:144:A:LEU:HD12	1:147:A:ARG:HE	8	6.07
(5,2473)	1:144:A:LEU:HD13	1:147:A:ARG:HE	8	6.07
(5,2473)	1:144:A:LEU:HD21	1:147:A:ARG:HE	8	6.07
(5,2473)	1:144:A:LEU:HD22	1:147:A:ARG:HE	8	6.07
(5,2473)	1:144:A:LEU:HD23	1:147:A:ARG:HE	8	6.07
(33,2494)	1:144:A:LEU:HB2	1:147:A:ARG:HE	7	6.06
(33,2494)	1:144:A:LEU:HB3	1:147:A:ARG:HE	7	6.06
(33,1539)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	11	6.06
(33,1539)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	11	6.06
(33,1539)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	11	6.06
(33,1539)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	11	6.06
(33,1539)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	11	6.06
(33,1539)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	11	6.06
(5,2473)	1:144:A:LEU:HD11	1:147:A:ARG:HE	9	6.06
(5,2473)	1:144:A:LEU:HD12	1:147:A:ARG:HE	9	6.06
(5,2473)	1:144:A:LEU:HD13	1:147:A:ARG:HE	9	6.06
(5,2473)	1:144:A:LEU:HD21	1:147:A:ARG:HE	9	6.06
(5,2473)	1:144:A:LEU:HD22	1:147:A:ARG:HE	9	6.06
(5,2473)	1:144:A:LEU:HD23	1:147:A:ARG:HE	9	6.06
(20,12)	1:59:A:CYS:SG	1:123:A:CYS:SG	4	6.05
(19,6)	1:123:A:CYS:SG	1:52:A:CYS:CB	6	6.05
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE1	17	6.05
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE2	17	6.05
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE3	17	6.05
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB2	17	6.05
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB3	17	6.05
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB2	17	6.05
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB3	17	6.05
(33,701)	1:144:A:LEU:HD11	1:147:A:ARG:HE	3	6.04
(33,701)	1:144:A:LEU:HD12	1:147:A:ARG:HE	3	6.04
(33,701)	1:144:A:LEU:HD13	1:147:A:ARG:HE	3	6.04
(19,6)	1:123:A:CYS:SG	1:52:A:CYS:CB	16	6.04
(19,3)	1:120:A:CYS:SG	1:123:A:CYS:CB	2	6.04
(18,2054)	1:30:A:LEU:HD11	1:136:A:CYS:HA	11	6.04
(18,2054)	1:30:A:LEU:HD12	1:136:A:CYS:HA	11	6.04
(18,2054)	1:30:A:LEU:HD13	1:136:A:CYS:HA	11	6.04
(18,2054)	1:30:A:LEU:HD21	1:136:A:CYS:HA	11	6.04
(18,2054)	1:30:A:LEU:HD22	1:136:A:CYS:HA	11	6.04
(18,2054)	1:30:A:LEU:HD23	1:136:A:CYS:HA	11	6.04
(17,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	3	6.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	3	6.04
(17,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	3	6.04
(9,696)	1:144:A:LEU:HD11	1:147:A:ARG:HE	3	6.04
(9,696)	1:144:A:LEU:HD12	1:147:A:ARG:HE	3	6.04
(9,696)	1:144:A:LEU:HD13	1:147:A:ARG:HE	3	6.04
(2,1418)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	15	6.04
(2,1418)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	15	6.04
(2,1418)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	15	6.04
(20,10)	1:56:A:CYS:SG	1:59:A:CYS:SG	4	6.03
(18,1439)	1:31:A:PRO:HD3	1:140:A:LEU:HG	3	6.03
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD11	3	6.03
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD12	3	6.03
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD13	3	6.03
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE1	11	6.02
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE2	11	6.02
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE3	11	6.02
(5,1561)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	12	6.02
(5,1561)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	12	6.02
(5,1561)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	12	6.02
(5,1561)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	12	6.02
(5,1561)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	12	6.02
(5,1561)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	12	6.02
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD2	17	6.02
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD3	17	6.02
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD2	17	6.02
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD3	17	6.02
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD2	17	6.02
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD3	17	6.02
(19,6)	1:123:A:CYS:SG	1:52:A:CYS:CB	18	5.98
(15,2495)	1:144:A:LEU:HD11	1:147:A:ARG:HE	11	5.98
(15,2495)	1:144:A:LEU:HD12	1:147:A:ARG:HE	11	5.98
(15,2495)	1:144:A:LEU:HD13	1:147:A:ARG:HE	11	5.98
(15,2495)	1:144:A:LEU:HD21	1:147:A:ARG:HE	11	5.98
(15,2495)	1:144:A:LEU:HD22	1:147:A:ARG:HE	11	5.98
(15,2495)	1:144:A:LEU:HD23	1:147:A:ARG:HE	11	5.98
(32,839)	1:30:A:LEU:HB2	1:143:A:TRP:HZ3	1	5.97
(32,839)	1:30:A:LEU:HB3	1:143:A:TRP:HZ3	1	5.97
(29,2440)	1:144:A:LEU:HB2	1:147:A:ARG:HE	11	5.97
(29,2440)	1:144:A:LEU:HB3	1:147:A:ARG:HE	11	5.97
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD1	4	5.96
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD2	4	5.96
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD1	4	5.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD2	4	5.96
(29,2444)	1:144:A:LEU:HD11	1:147:A:ARG:HE	11	5.96
(29,2444)	1:144:A:LEU:HD12	1:147:A:ARG:HE	11	5.96
(29,2444)	1:144:A:LEU:HD13	1:147:A:ARG:HE	11	5.96
(29,2444)	1:144:A:LEU:HD21	1:147:A:ARG:HE	11	5.96
(29,2444)	1:144:A:LEU:HD22	1:147:A:ARG:HE	11	5.96
(29,2444)	1:144:A:LEU:HD23	1:147:A:ARG:HE	11	5.96
(20,12)	1:59:A:CYS:SG	1:123:A:CYS:SG	8	5.96
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	6	5.96
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	6	5.96
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	6	5.96
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	6	5.96
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	6	5.96
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	6	5.96
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	6	5.96
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	6	5.96
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	6	5.96
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	6	5.96
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	6	5.96
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	6	5.96
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	6	5.96
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	6	5.96
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	6	5.96
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	6	5.96
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	6	5.96
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	6	5.96
(32,2033)	1:30:A:LEU:HD11	1:143:A:TRP:HE3	1	5.95
(32,2033)	1:30:A:LEU:HD12	1:143:A:TRP:HE3	1	5.95
(32,2033)	1:30:A:LEU:HD13	1:143:A:TRP:HE3	1	5.95
(32,2033)	1:30:A:LEU:HD21	1:143:A:TRP:HE3	1	5.95
(32,2033)	1:30:A:LEU:HD22	1:143:A:TRP:HE3	1	5.95
(32,2033)	1:30:A:LEU:HD23	1:143:A:TRP:HE3	1	5.95
(32,2033)	1:30:A:LEU:HD11	1:143:A:TRP:HE3	5	5.95
(32,2033)	1:30:A:LEU:HD12	1:143:A:TRP:HE3	5	5.95
(32,2033)	1:30:A:LEU:HD13	1:143:A:TRP:HE3	5	5.95
(32,2033)	1:30:A:LEU:HD21	1:143:A:TRP:HE3	5	5.95
(32,2033)	1:30:A:LEU:HD22	1:143:A:TRP:HE3	5	5.95
(32,2033)	1:30:A:LEU:HD23	1:143:A:TRP:HE3	5	5.95
(17,1567)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	12	5.95
(17,1567)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	12	5.95
(17,1567)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	12	5.95
(17,1567)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	12	5.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1567)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	12	5.95
(17,1567)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	12	5.95
(13,829)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	14	5.95
(13,829)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	14	5.95
(33,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	17	5.94
(33,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	17	5.94
(33,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	17	5.94
(32,1585)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	17	5.94
(32,1585)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	17	5.94
(32,1585)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	17	5.94
(29,2440)	1:144:A:LEU:HB2	1:147:A:ARG:HE	7	5.94
(29,2440)	1:144:A:LEU:HB3	1:147:A:ARG:HE	7	5.94
(3,1653)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	17	5.94
(3,1653)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	17	5.94
(3,1653)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	17	5.94
(2,1638)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	17	5.94
(2,1638)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	17	5.94
(2,1638)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	17	5.94
(1,1736)	1:20:A:THR:HG21	1:134:A:VAL:HB	16	5.94
(1,1736)	1:20:A:THR:HG22	1:134:A:VAL:HB	16	5.94
(1,1736)	1:20:A:THR:HG23	1:134:A:VAL:HB	16	5.94
(9,2432)	1:144:A:LEU:HD11	1:147:A:ARG:HE	11	5.93
(9,2432)	1:144:A:LEU:HD12	1:147:A:ARG:HE	11	5.93
(9,2432)	1:144:A:LEU:HD13	1:147:A:ARG:HE	11	5.93
(9,2432)	1:144:A:LEU:HD21	1:147:A:ARG:HE	11	5.93
(9,2432)	1:144:A:LEU:HD22	1:147:A:ARG:HE	11	5.93
(9,2432)	1:144:A:LEU:HD23	1:147:A:ARG:HE	11	5.93
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG11	8	5.93
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG12	8	5.93
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG13	8	5.93
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG21	8	5.93
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG22	8	5.93
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG23	8	5.93
(33,1539)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	6	5.92
(33,1539)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	6	5.92
(33,1539)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	6	5.92
(33,1539)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	6	5.92
(33,1539)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	6	5.92
(33,1539)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	6	5.92
(33,1539)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	19	5.92
(33,1539)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	19	5.92
(33,1539)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	19	5.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1539)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	19	5.92
(33,1539)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	19	5.92
(33,1539)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	19	5.92
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD11	4	5.92
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD12	4	5.92
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD13	4	5.92
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD21	4	5.92
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD22	4	5.92
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD23	4	5.92
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD11	4	5.92
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD12	4	5.92
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD13	4	5.92
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD21	4	5.92
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD22	4	5.92
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD23	4	5.92
(20,7)	1:56:A:CYS:SG	1:120:A:CYS:SG	10	5.92
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG2	2	5.92
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG3	2	5.92
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG2	2	5.92
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG3	2	5.92
(33,2494)	1:144:A:LEU:HB2	1:147:A:ARG:HE	6	5.91
(33,2494)	1:144:A:LEU:HB3	1:147:A:ARG:HE	6	5.91
(17,2482)	1:144:A:LEU:HD11	1:147:A:ARG:HE	11	5.91
(17,2482)	1:144:A:LEU:HD12	1:147:A:ARG:HE	11	5.91
(17,2482)	1:144:A:LEU:HD13	1:147:A:ARG:HE	11	5.91
(17,2482)	1:144:A:LEU:HD21	1:147:A:ARG:HE	11	5.91
(17,2482)	1:144:A:LEU:HD22	1:147:A:ARG:HE	11	5.91
(17,2482)	1:144:A:LEU:HD23	1:147:A:ARG:HE	11	5.91
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG2	4	5.91
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG3	4	5.91
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG2	4	5.91
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG3	4	5.91
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD11	19	5.89
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD12	19	5.89
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD13	19	5.89
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD11	19	5.89
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD12	19	5.89
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD13	19	5.89
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD11	19	5.89
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD12	19	5.89
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD13	19	5.89
(29,1560)	1:144:A:LEU:HD21	1:147:A:ARG:HE	17	5.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1560)	1:144:A:LEU:HD22	1:147:A:ARG:HE	17	5.89
(29,1560)	1:144:A:LEU:HD23	1:147:A:ARG:HE	17	5.89
(20,10)	1:56:A:CYS:SG	1:59:A:CYS:SG	15	5.89
(18,2054)	1:30:A:LEU:HD11	1:136:A:CYS:HA	7	5.89
(18,2054)	1:30:A:LEU:HD12	1:136:A:CYS:HA	7	5.89
(18,2054)	1:30:A:LEU:HD13	1:136:A:CYS:HA	7	5.89
(18,2054)	1:30:A:LEU:HD21	1:136:A:CYS:HA	7	5.89
(18,2054)	1:30:A:LEU:HD22	1:136:A:CYS:HA	7	5.89
(18,2054)	1:30:A:LEU:HD23	1:136:A:CYS:HA	7	5.89
(15,1536)	1:144:A:LEU:HD21	1:147:A:ARG:HE	17	5.89
(15,1536)	1:144:A:LEU:HD22	1:147:A:ARG:HE	17	5.89
(15,1536)	1:144:A:LEU:HD23	1:147:A:ARG:HE	17	5.89
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG2	14	5.89
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG3	14	5.89
(1,192)	1:68:A:LYS:HE2	1:93:A:GLU:H	8	5.89
(1,192)	1:68:A:LYS:HE3	1:93:A:GLU:H	8	5.89
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	7	5.87
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	7	5.87
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	7	5.87
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	7	5.87
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	7	5.87
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	7	5.87
(33,2499)	1:144:A:LEU:HD11	1:147:A:ARG:HE	11	5.87
(33,2499)	1:144:A:LEU:HD12	1:147:A:ARG:HE	11	5.87
(33,2499)	1:144:A:LEU:HD13	1:147:A:ARG:HE	11	5.87
(33,2499)	1:144:A:LEU:HD21	1:147:A:ARG:HE	11	5.87
(33,2499)	1:144:A:LEU:HD22	1:147:A:ARG:HE	11	5.87
(33,2499)	1:144:A:LEU:HD23	1:147:A:ARG:HE	11	5.87
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD11	9	5.87
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD12	9	5.87
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD13	9	5.87
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD11	9	5.87
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD12	9	5.87
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD13	9	5.87
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD11	9	5.87
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD12	9	5.87
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD13	9	5.87
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	7	5.87
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	7	5.87
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	7	5.87
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	7	5.87
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	7	5.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	7	5.87
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	7	5.87
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	7	5.87
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	7	5.87
(5,2473)	1:144:A:LEU:HD11	1:147:A:ARG:HE	7	5.87
(5,2473)	1:144:A:LEU:HD12	1:147:A:ARG:HE	7	5.87
(5,2473)	1:144:A:LEU:HD13	1:147:A:ARG:HE	7	5.87
(5,2473)	1:144:A:LEU:HD21	1:147:A:ARG:HE	7	5.87
(5,2473)	1:144:A:LEU:HD22	1:147:A:ARG:HE	7	5.87
(5,2473)	1:144:A:LEU:HD23	1:147:A:ARG:HE	7	5.87
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG11	12	5.86
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG12	12	5.86
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG13	12	5.86
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG21	12	5.86
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG22	12	5.86
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG23	12	5.86
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG21	13	5.86
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG22	13	5.86
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG23	13	5.86
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG21	13	5.86
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG22	13	5.86
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG23	13	5.86
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG21	13	5.86
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG22	13	5.86
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG23	13	5.86
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG11	13	5.86
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG12	13	5.86
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG13	13	5.86
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG11	13	5.86
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG12	13	5.86
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG13	13	5.86
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG11	13	5.86
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG12	13	5.86
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG13	13	5.86
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	17	5.85
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	17	5.85
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	17	5.85
(20,10)	1:56:A:CYS:SG	1:59:A:CYS:SG	8	5.85
(20,10)	1:56:A:CYS:SG	1:59:A:CYS:SG	19	5.85
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	17	5.85
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	17	5.85
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	17	5.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1736)	1:20:A:THR:HG21	1:134:A:VAL:HB	3	5.85
(1,1736)	1:20:A:THR:HG22	1:134:A:VAL:HB	3	5.85
(1,1736)	1:20:A:THR:HG23	1:134:A:VAL:HB	3	5.85
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE1	9	5.84
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE2	9	5.84
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE3	9	5.84
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE1	9	5.84
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE2	9	5.84
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE3	9	5.84
(19,3)	1:120:A:CYS:SG	1:123:A:CYS:CB	12	5.84
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	7	5.84
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	7	5.84
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	7	5.84
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	7	5.84
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	7	5.84
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	7	5.84
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	7	5.84
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	7	5.84
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	7	5.84
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	7	5.84
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	7	5.84
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	7	5.84
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	7	5.84
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	7	5.84
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	7	5.84
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	7	5.84
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	7	5.84
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	7	5.84
(5,1561)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	4	5.84
(5,1561)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	4	5.84
(5,1561)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	4	5.84
(5,1561)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	4	5.84
(5,1561)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	4	5.84
(5,1561)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	4	5.84
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG2	4	5.83
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG3	4	5.83
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG2	4	5.83
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG3	4	5.83
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB2	1	5.83
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB3	1	5.83
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB2	1	5.83
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB3	1	5.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB2	1	5.83
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB3	1	5.83
(7,1688)	1:20:A:THR:HG21	1:134:A:VAL:HB	15	5.82
(7,1688)	1:20:A:THR:HG22	1:134:A:VAL:HB	15	5.82
(7,1688)	1:20:A:THR:HG23	1:134:A:VAL:HB	15	5.82
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE1	12	5.82
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE2	12	5.82
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE3	12	5.82
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE1	12	5.82
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE2	12	5.82
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE3	12	5.82
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE1	12	5.82
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE2	12	5.82
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE3	12	5.82
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE1	12	5.82
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE2	12	5.82
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE3	12	5.82
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG21	16	5.81
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG22	16	5.81
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG23	16	5.81
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG21	16	5.81
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG22	16	5.81
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG23	16	5.81
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	18	5.79
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	18	5.79
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	18	5.79
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	18	5.79
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	18	5.79
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	18	5.79
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	18	5.79
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	18	5.79
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	18	5.79
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	18	5.79
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	18	5.79
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	18	5.79
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	18	5.79
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	18	5.79
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	18	5.79
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	18	5.79
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	18	5.79
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	18	5.79
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD11	5	5.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD12	5	5.79
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD13	5	5.79
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD21	5	5.79
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD22	5	5.79
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD23	5	5.79
(29,2440)	1:144:A:LEU:HB2	1:147:A:ARG:HE	6	5.79
(29,2440)	1:144:A:LEU:HB3	1:147:A:ARG:HE	6	5.79
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE1	14	5.78
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE2	14	5.78
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE3	14	5.78
(17,2049)	1:23:A:LEU:HB2	1:146:A:GLN:HG2	9	5.78
(17,2049)	1:23:A:LEU:HB2	1:146:A:GLN:HG3	9	5.78
(17,2049)	1:23:A:LEU:HB3	1:146:A:GLN:HG2	9	5.78
(17,2049)	1:23:A:LEU:HB3	1:146:A:GLN:HG3	9	5.78
(7,1994)	1:23:A:LEU:HB2	1:146:A:GLN:HG2	9	5.78
(7,1994)	1:23:A:LEU:HB2	1:146:A:GLN:HG3	9	5.78
(7,1994)	1:23:A:LEU:HB3	1:146:A:GLN:HG2	9	5.78
(7,1994)	1:23:A:LEU:HB3	1:146:A:GLN:HG3	9	5.78
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG11	12	5.78
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG12	12	5.78
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG13	12	5.78
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG21	12	5.78
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG22	12	5.78
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG23	12	5.78
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG11	12	5.78
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG12	12	5.78
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG13	12	5.78
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG21	12	5.78
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG22	12	5.78
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG23	12	5.78
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG11	12	5.78
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG12	12	5.78
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG13	12	5.78
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG21	12	5.78
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG22	12	5.78
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG23	12	5.78
(33,2498)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	8	5.77
(33,2498)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	8	5.77
(33,2498)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	8	5.77
(33,2498)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	8	5.77
(33,2498)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	8	5.77
(33,2498)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	8	5.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2498)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	8	5.77
(33,2498)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	8	5.77
(33,2498)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	8	5.77
(33,2498)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	8	5.77
(33,2498)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	8	5.77
(33,2498)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	8	5.77
(20,10)	1:56:A:CYS:SG	1:59:A:CYS:SG	5	5.77
(17,1567)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	4	5.77
(17,1567)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	4	5.77
(17,1567)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	4	5.77
(17,1567)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	4	5.77
(17,1567)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	4	5.77
(17,1567)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	4	5.77
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE1	12	5.77
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE2	12	5.77
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE3	12	5.77
(32,2034)	1:30:A:LEU:HD11	1:143:A:TRP:HZ3	2	5.76
(32,2034)	1:30:A:LEU:HD12	1:143:A:TRP:HZ3	2	5.76
(32,2034)	1:30:A:LEU:HD13	1:143:A:TRP:HZ3	2	5.76
(32,2034)	1:30:A:LEU:HD21	1:143:A:TRP:HZ3	2	5.76
(32,2034)	1:30:A:LEU:HD22	1:143:A:TRP:HZ3	2	5.76
(32,2034)	1:30:A:LEU:HD23	1:143:A:TRP:HZ3	2	5.76
(20,4)	1:52:A:CYS:SG	1:123:A:CYS:SG	16	5.76
(32,1188)	1:33:A:LYS:HB2	1:81:A:GLU:HA	19	5.75
(32,1188)	1:33:A:LYS:HB3	1:81:A:GLU:HA	19	5.75
(30,1217)	1:33:A:LYS:HB2	1:81:A:GLU:HA	19	5.75
(30,1217)	1:33:A:LYS:HB3	1:81:A:GLU:HA	19	5.75
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG2	4	5.75
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG3	4	5.75
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG2	4	5.75
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG3	4	5.75
(20,10)	1:56:A:CYS:SG	1:59:A:CYS:SG	16	5.74
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	17	5.74
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	17	5.74
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	17	5.74
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	17	5.74
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	17	5.74
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	17	5.74
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB2	10	5.74
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB3	10	5.74
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB2	10	5.74
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB3	10	5.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2033)	1:30:A:LEU:HD11	1:143:A:TRP:HE3	13	5.73
(32,2033)	1:30:A:LEU:HD12	1:143:A:TRP:HE3	13	5.73
(32,2033)	1:30:A:LEU:HD13	1:143:A:TRP:HE3	13	5.73
(32,2033)	1:30:A:LEU:HD21	1:143:A:TRP:HE3	13	5.73
(32,2033)	1:30:A:LEU:HD22	1:143:A:TRP:HE3	13	5.73
(32,2033)	1:30:A:LEU:HD23	1:143:A:TRP:HE3	13	5.73
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD21	14	5.73
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD22	14	5.73
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD23	14	5.73
(5,2044)	1:31:A:PRO:HB2	1:144:A:LEU:HB2	3	5.73
(5,2044)	1:31:A:PRO:HB2	1:144:A:LEU:HB3	3	5.73
(5,2044)	1:31:A:PRO:HB3	1:144:A:LEU:HB2	3	5.73
(5,2044)	1:31:A:PRO:HB3	1:144:A:LEU:HB3	3	5.73
(5,1561)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	11	5.73
(5,1561)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	11	5.73
(5,1561)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	11	5.73
(5,1561)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	11	5.73
(5,1561)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	11	5.73
(5,1561)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	11	5.73
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	16	5.72
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	16	5.72
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	16	5.72
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	16	5.72
(13,1422)	1:31:A:PRO:HD2	1:144:A:LEU:HB3	3	5.71
(5,2472)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	8	5.71
(5,2472)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	8	5.71
(5,2472)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	8	5.71
(5,2472)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	8	5.71
(5,2472)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	8	5.71
(5,2472)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	8	5.71
(5,2472)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	8	5.71
(5,2472)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	8	5.71
(5,2472)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	8	5.71
(5,2472)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	8	5.71
(5,2472)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	8	5.71
(5,2472)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	8	5.71
(33,2498)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	4	5.7
(33,2498)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	4	5.7
(33,2498)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	4	5.7
(33,2498)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	4	5.7
(33,2498)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	4	5.7
(33,2498)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	4	5.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2498)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	4	5.7
(33,2498)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	4	5.7
(33,2498)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	4	5.7
(33,2498)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	4	5.7
(33,2498)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	4	5.7
(33,2498)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	4	5.7
(33,1131)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	4	5.7
(33,1131)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	4	5.7
(33,1131)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	4	5.7
(33,1131)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	4	5.7
(33,1131)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	4	5.7
(33,1131)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	4	5.7
(32,2033)	1:30:A:LEU:HD11	1:143:A:TRP:HE3	15	5.7
(32,2033)	1:30:A:LEU:HD12	1:143:A:TRP:HE3	15	5.7
(32,2033)	1:30:A:LEU:HD13	1:143:A:TRP:HE3	15	5.7
(32,2033)	1:30:A:LEU:HD21	1:143:A:TRP:HE3	15	5.7
(32,2033)	1:30:A:LEU:HD22	1:143:A:TRP:HE3	15	5.7
(32,2033)	1:30:A:LEU:HD23	1:143:A:TRP:HE3	15	5.7
(19,1)	1:120:A:CYS:SG	1:56:A:CYS:CB	19	5.7
(17,2481)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	8	5.7
(17,2481)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	8	5.7
(17,2481)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	8	5.7
(17,2481)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	8	5.7
(17,2481)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	8	5.7
(17,2481)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	8	5.7
(17,2481)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	8	5.7
(17,2481)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	8	5.7
(17,2481)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	8	5.7
(17,2481)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	8	5.7
(17,2481)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	8	5.7
(17,2481)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	8	5.7
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD21	6	5.7
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD22	6	5.7
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD23	6	5.7
(33,2498)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	12	5.69
(33,2498)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	12	5.69
(33,2498)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	12	5.69
(33,2498)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	12	5.69
(33,2498)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	12	5.69
(33,2498)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	12	5.69
(33,2498)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	12	5.69
(33,2498)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	12	5.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2498)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	12	5.69
(33,2498)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	12	5.69
(33,2498)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	12	5.69
(33,2498)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	12	5.69
(33,2494)	1:144:A:LEU:HB2	1:147:A:ARG:HE	3	5.69
(33,2494)	1:144:A:LEU:HB3	1:147:A:ARG:HE	3	5.69
(33,677)	1:20:A:THR:H	1:133:A:ASN:H	8	5.69
(30,66)	1:33:A:LYS:HB2	1:81:A:GLU:H	1	5.69
(30,66)	1:33:A:LYS:HB3	1:81:A:GLU:H	1	5.69
(20,7)	1:56:A:CYS:SG	1:120:A:CYS:SG	17	5.69
(15,70)	1:33:A:LYS:HB2	1:81:A:GLU:H	1	5.69
(15,70)	1:33:A:LYS:HB3	1:81:A:GLU:H	1	5.69
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG2	9	5.69
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG3	9	5.69
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG2	9	5.69
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG3	9	5.69
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG2	9	5.69
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG3	9	5.69
(13,829)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	4	5.69
(13,829)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	4	5.69
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD11	15	5.68
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD12	15	5.68
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD13	15	5.68
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD21	15	5.68
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD22	15	5.68
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD23	15	5.68
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD11	15	5.68
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD12	15	5.68
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD13	15	5.68
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD21	15	5.68
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD22	15	5.68
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD23	15	5.68
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD21	16	5.68
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD22	16	5.68
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD23	16	5.68
(1,913)	1:66:A:THR:HG21	1:95:A:ILE:HB	12	5.68
(1,913)	1:66:A:THR:HG22	1:95:A:ILE:HB	12	5.68
(1,913)	1:66:A:THR:HG23	1:95:A:ILE:HB	12	5.68
(1,192)	1:68:A:LYS:HE2	1:93:A:GLU:H	9	5.68
(1,192)	1:68:A:LYS:HE3	1:93:A:GLU:H	9	5.68
(20,10)	1:56:A:CYS:SG	1:59:A:CYS:SG	18	5.67
(20,4)	1:52:A:CYS:SG	1:123:A:CYS:SG	18	5.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB2	7	5.67
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB3	7	5.67
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB2	7	5.67
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB3	7	5.67
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB2	7	5.67
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB3	7	5.67
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG2	18	5.67
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG3	18	5.67
(2,1272)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	9	5.67
(2,1272)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	9	5.67
(2,1272)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	9	5.67
(33,1618)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	19	5.66
(17,1567)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	11	5.66
(17,1567)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	11	5.66
(17,1567)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	11	5.66
(17,1567)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	11	5.66
(17,1567)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	11	5.66
(17,1567)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	11	5.66
(16,1615)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	19	5.66
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB2	14	5.66
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB3	14	5.66
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB2	14	5.66
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB3	14	5.66
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB2	14	5.66
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB3	14	5.66
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD11	9	5.66
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD12	9	5.66
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD13	9	5.66
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD11	9	5.66
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD12	9	5.66
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD13	9	5.66
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD11	9	5.66
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD12	9	5.66
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD13	9	5.66
(1,1736)	1:20:A:THR:HG21	1:134:A:VAL:HB	10	5.66
(1,1736)	1:20:A:THR:HG22	1:134:A:VAL:HB	10	5.66
(1,1736)	1:20:A:THR:HG23	1:134:A:VAL:HB	10	5.66
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG11	8	5.65
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG12	8	5.65
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG13	8	5.65
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG21	8	5.65
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG22	8	5.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG23	8	5.65
(5,2473)	1:144:A:LEU:HD11	1:147:A:ARG:HE	6	5.65
(5,2473)	1:144:A:LEU:HD12	1:147:A:ARG:HE	6	5.65
(5,2473)	1:144:A:LEU:HD13	1:147:A:ARG:HE	6	5.65
(5,2473)	1:144:A:LEU:HD21	1:147:A:ARG:HE	6	5.65
(5,2473)	1:144:A:LEU:HD22	1:147:A:ARG:HE	6	5.65
(5,2473)	1:144:A:LEU:HD23	1:147:A:ARG:HE	6	5.65
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD11	9	5.65
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD12	9	5.65
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD13	9	5.65
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD11	9	5.65
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD12	9	5.65
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD13	9	5.65
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD11	9	5.65
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD12	9	5.65
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD13	9	5.65
(33,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB2	6	5.64
(33,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB2	6	5.64
(33,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB2	6	5.64
(33,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB2	6	5.64
(33,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB2	6	5.64
(33,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB2	6	5.64
(33,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB3	6	5.64
(33,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB3	6	5.64
(33,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB3	6	5.64
(33,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB3	6	5.64
(33,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB3	6	5.64
(33,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB3	6	5.64
(20,12)	1:59:A:CYS:SG	1:123:A:CYS:SG	13	5.64
(20,1)	1:120:A:CYS:SG	1:123:A:CYS:SG	9	5.64
(16,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB2	6	5.64
(16,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB2	6	5.64
(16,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB2	6	5.64
(16,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB2	6	5.64
(16,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB2	6	5.64
(16,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB2	6	5.64
(16,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB3	6	5.64
(16,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB3	6	5.64
(16,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB3	6	5.64
(16,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB3	6	5.64
(16,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB3	6	5.64
(16,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB3	6	5.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2472)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	4	5.64
(5,2472)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	4	5.64
(5,2472)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	4	5.64
(5,2472)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	4	5.64
(5,2472)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	4	5.64
(5,2472)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	4	5.64
(5,2472)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	4	5.64
(5,2472)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	4	5.64
(5,2472)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	4	5.64
(5,2472)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	4	5.64
(5,2472)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	4	5.64
(5,2472)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	4	5.64
(17,2481)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	4	5.63
(17,2481)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	4	5.63
(17,2481)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	4	5.63
(17,2481)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	4	5.63
(17,2481)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	4	5.63
(17,2481)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	4	5.63
(17,2481)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	4	5.63
(17,2481)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	4	5.63
(17,2481)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	4	5.63
(17,2481)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	4	5.63
(17,2481)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	4	5.63
(17,2481)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	4	5.63
(5,2472)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	12	5.63
(5,2472)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	12	5.63
(5,2472)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	12	5.63
(5,2472)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	12	5.63
(5,2472)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	12	5.63
(5,2472)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	12	5.63
(5,2472)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	12	5.63
(5,2472)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	12	5.63
(5,2472)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	12	5.63
(5,2472)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	12	5.63
(5,2472)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	12	5.63
(5,2472)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	12	5.63
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG11	19	5.63
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG12	19	5.63
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG13	19	5.63
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG21	19	5.63
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG22	19	5.63
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG23	19	5.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(20,10)	1:56:A:CYS:SG	1:59:A:CYS:SG	13	5.62
(17,2481)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	12	5.62
(17,2481)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	12	5.62
(17,2481)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	12	5.62
(17,2481)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	12	5.62
(17,2481)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	12	5.62
(17,2481)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	12	5.62
(17,2481)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	12	5.62
(17,2481)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	12	5.62
(17,2481)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	12	5.62
(17,2481)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	12	5.62
(17,2481)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	12	5.62
(17,2481)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	12	5.62
(33,1538)	1:144:A:LEU:HD21	1:147:A:ARG:HE	17	5.61
(33,1538)	1:144:A:LEU:HD22	1:147:A:ARG:HE	17	5.61
(33,1538)	1:144:A:LEU:HD23	1:147:A:ARG:HE	17	5.61
(33,1131)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	19	5.61
(33,1131)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	19	5.61
(33,1131)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	19	5.61
(33,1131)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	19	5.61
(33,1131)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	19	5.61
(33,1131)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	19	5.61
(20,4)	1:52:A:CYS:SG	1:123:A:CYS:SG	13	5.61
(19,23)	1:59:A:CYS:SG	1:123:A:CYS:CB	14	5.61
(17,1566)	1:144:A:LEU:HD21	1:147:A:ARG:HE	17	5.61
(17,1566)	1:144:A:LEU:HD22	1:147:A:ARG:HE	17	5.61
(17,1566)	1:144:A:LEU:HD23	1:147:A:ARG:HE	17	5.61
(9,1543)	1:144:A:LEU:HD21	1:147:A:ARG:HE	17	5.61
(9,1543)	1:144:A:LEU:HD22	1:147:A:ARG:HE	17	5.61
(9,1543)	1:144:A:LEU:HD23	1:147:A:ARG:HE	17	5.61
(30,66)	1:33:A:LYS:HB2	1:81:A:GLU:H	19	5.6
(30,66)	1:33:A:LYS:HB3	1:81:A:GLU:H	19	5.6
(20,7)	1:56:A:CYS:SG	1:120:A:CYS:SG	11	5.6
(19,1)	1:120:A:CYS:SG	1:56:A:CYS:CB	8	5.6
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	8	5.6
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	8	5.6
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	8	5.6
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	8	5.6
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD11	4	5.6
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD12	4	5.6
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD13	4	5.6
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD21	4	5.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD22	4	5.6
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD23	4	5.6
(16,1617)	1:31:A:PRO:HG2	1:80:A:TYR:HB3	4	5.6
(16,1617)	1:31:A:PRO:HG3	1:80:A:TYR:HB3	4	5.6
(15,70)	1:33:A:LYS:HB2	1:81:A:GLU:H	19	5.6
(15,70)	1:33:A:LYS:HB3	1:81:A:GLU:H	19	5.6
(33,1131)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	15	5.59
(33,1131)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	15	5.59
(33,1131)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	15	5.59
(33,1131)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	15	5.59
(33,1131)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	15	5.59
(33,1131)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	15	5.59
(32,1418)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	13	5.59
(32,1418)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	13	5.59
(32,1378)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	17	5.59
(32,1378)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	17	5.59
(32,1378)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	17	5.59
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB2	10	5.59
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB3	10	5.59
(5,1561)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	6	5.59
(5,1561)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	6	5.59
(5,1561)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	6	5.59
(5,1561)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	6	5.59
(5,1561)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	6	5.59
(5,1561)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	6	5.59
(5,1561)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	19	5.59
(5,1561)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	19	5.59
(5,1561)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	19	5.59
(5,1561)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	19	5.59
(5,1561)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	19	5.59
(5,1561)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	19	5.59
(3,1435)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	17	5.59
(3,1435)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	17	5.59
(3,1435)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	17	5.59
(19,14)	1:52:A:CYS:SG	1:123:A:CYS:CB	6	5.58
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD11	7	5.58
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD12	7	5.58
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD13	7	5.58
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD11	9	5.58
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD12	9	5.58
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD13	9	5.58
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG21	2	5.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG22	2	5.58
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG23	2	5.58
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG21	2	5.58
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG22	2	5.58
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG23	2	5.58
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG21	2	5.58
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG22	2	5.58
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG23	2	5.58
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG11	2	5.58
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG12	2	5.58
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG13	2	5.58
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG11	2	5.58
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG12	2	5.58
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG13	2	5.58
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG11	2	5.58
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG12	2	5.58
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG13	2	5.58
(33,1131)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	12	5.57
(33,1131)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	12	5.57
(33,1131)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	12	5.57
(33,1131)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	12	5.57
(33,1131)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	12	5.57
(33,1131)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	12	5.57
(32,2035)	1:30:A:LEU:HD11	1:143:A:TRP:HH2	2	5.57
(32,2035)	1:30:A:LEU:HD12	1:143:A:TRP:HH2	2	5.57
(32,2035)	1:30:A:LEU:HD13	1:143:A:TRP:HH2	2	5.57
(32,2035)	1:30:A:LEU:HD21	1:143:A:TRP:HH2	2	5.57
(32,2035)	1:30:A:LEU:HD22	1:143:A:TRP:HH2	2	5.57
(32,2035)	1:30:A:LEU:HD23	1:143:A:TRP:HH2	2	5.57
(29,2443)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	8	5.57
(29,2443)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	8	5.57
(29,2443)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	8	5.57
(29,2443)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	8	5.57
(29,2443)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	8	5.57
(29,2443)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	8	5.57
(29,2443)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	8	5.57
(29,2443)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	8	5.57
(29,2443)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	8	5.57
(29,2443)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	8	5.57
(29,2443)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	8	5.57
(29,2443)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	8	5.57
(29,2440)	1:144:A:LEU:HB2	1:147:A:ARG:HE	3	5.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2440)	1:144:A:LEU:HB3	1:147:A:ARG:HE	3	5.57
(16,2059)	1:30:A:LEU:HD11	1:79:A:THR:HA	2	5.57
(16,2059)	1:30:A:LEU:HD12	1:79:A:THR:HA	2	5.57
(16,2059)	1:30:A:LEU:HD13	1:79:A:THR:HA	2	5.57
(16,2059)	1:30:A:LEU:HD21	1:79:A:THR:HA	2	5.57
(16,2059)	1:30:A:LEU:HD22	1:79:A:THR:HA	2	5.57
(16,2059)	1:30:A:LEU:HD23	1:79:A:THR:HA	2	5.57
(15,2494)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	8	5.57
(15,2494)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	8	5.57
(15,2494)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	8	5.57
(15,2494)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	8	5.57
(15,2494)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	8	5.57
(15,2494)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	8	5.57
(15,2494)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	8	5.57
(15,2494)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	8	5.57
(15,2494)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	8	5.57
(15,2494)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	8	5.57
(15,2494)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	8	5.57
(15,2494)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	8	5.57
(9,2431)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	8	5.57
(9,2431)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	8	5.57
(9,2431)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	8	5.57
(9,2431)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	8	5.57
(9,2431)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	8	5.57
(9,2431)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	8	5.57
(9,2431)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	8	5.57
(9,2431)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	8	5.57
(9,2431)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	8	5.57
(9,2431)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	8	5.57
(9,2431)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	8	5.57
(9,2431)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	8	5.57
(6,62)	1:32:A:GLY:HA2	1:81:A:GLU:H	6	5.57
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB2	1	5.57
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB3	1	5.57
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB2	1	5.57
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB3	1	5.57
(1,913)	1:66:A:THR:HG21	1:95:A:ILE:HB	13	5.57
(1,913)	1:66:A:THR:HG22	1:95:A:ILE:HB	13	5.57
(1,913)	1:66:A:THR:HG23	1:95:A:ILE:HB	13	5.57
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD11	18	5.56
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD12	18	5.56
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD13	18	5.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD21	18	5.56
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD22	18	5.56
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD23	18	5.56
(33,1131)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	8	5.56
(33,1131)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	8	5.56
(33,1131)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	8	5.56
(33,1131)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	8	5.56
(33,1131)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	8	5.56
(33,1131)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	8	5.56
(33,677)	1:20:A:THR:H	1:133:A:ASN:H	14	5.56
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	4	5.56
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	4	5.56
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	4	5.56
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	4	5.56
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	4	5.56
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	4	5.56
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	4	5.56
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	4	5.56
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	4	5.56
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	4	5.56
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	4	5.56
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	4	5.56
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	4	5.56
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	4	5.56
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	4	5.56
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	4	5.56
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	4	5.56
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	4	5.56
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG2	7	5.56
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG3	7	5.56
(33,2498)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	19	5.55
(33,2498)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	19	5.55
(33,2498)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	19	5.55
(33,2498)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	19	5.55
(33,2498)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	19	5.55
(33,2498)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	19	5.55
(33,2498)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	19	5.55
(33,2498)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	19	5.55
(33,2498)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	19	5.55
(33,2498)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	19	5.55
(33,2498)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	19	5.55
(33,2498)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	19	5.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1620)	1:31:A:PRO:HG2	1:80:A:TYR:HB3	4	5.55
(33,1620)	1:31:A:PRO:HG3	1:80:A:TYR:HB3	4	5.55
(19,17)	1:56:A:CYS:SG	1:120:A:CYS:CB	19	5.55
(5,2473)	1:144:A:LEU:HD11	1:147:A:ARG:HE	3	5.55
(5,2473)	1:144:A:LEU:HD12	1:147:A:ARG:HE	3	5.55
(5,2473)	1:144:A:LEU:HD13	1:147:A:ARG:HE	3	5.55
(5,2473)	1:144:A:LEU:HD21	1:147:A:ARG:HE	3	5.55
(5,2473)	1:144:A:LEU:HD22	1:147:A:ARG:HE	3	5.55
(5,2473)	1:144:A:LEU:HD23	1:147:A:ARG:HE	3	5.55
(20,10)	1:56:A:CYS:SG	1:59:A:CYS:SG	10	5.54
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG11	19	5.54
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG12	19	5.54
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG13	19	5.54
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG21	19	5.54
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG22	19	5.54
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG23	19	5.54
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG11	19	5.54
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG12	19	5.54
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG13	19	5.54
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG21	19	5.54
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG22	19	5.54
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG23	19	5.54
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG11	19	5.54
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG12	19	5.54
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG13	19	5.54
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG21	19	5.54
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG22	19	5.54
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG23	19	5.54
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG2	11	5.54
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG3	11	5.54
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG2	11	5.54
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG3	11	5.54
(20,7)	1:56:A:CYS:SG	1:120:A:CYS:SG	1	5.53
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	4	5.52
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	4	5.52
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	4	5.52
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	4	5.52
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	4	5.52
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	4	5.52
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	14	5.52
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	14	5.52
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	14	5.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	14	5.52
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	14	5.52
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	14	5.52
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	14	5.52
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	14	5.52
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	14	5.52
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	14	5.52
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	14	5.52
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	14	5.52
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	14	5.52
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	14	5.52
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	14	5.52
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	14	5.52
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	14	5.52
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	14	5.52
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	16	5.52
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	16	5.52
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	16	5.52
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	16	5.52
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	16	5.52
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	16	5.52
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	16	5.52
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	16	5.52
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	16	5.52
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	16	5.52
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	16	5.52
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	16	5.52
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	16	5.52
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	16	5.52
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	16	5.52
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	16	5.52
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	16	5.52
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	16	5.52
(17,1567)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	6	5.52
(17,1567)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	6	5.52
(17,1567)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	6	5.52
(17,1567)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	6	5.52
(17,1567)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	6	5.52
(17,1567)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	6	5.52
(17,1567)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	19	5.52
(17,1567)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	19	5.52
(17,1567)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	19	5.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1567)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	19	5.52
(17,1567)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	19	5.52
(17,1567)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	19	5.52
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB2	4	5.52
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB3	4	5.52
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB2	4	5.52
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB3	4	5.52
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB2	4	5.52
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB3	4	5.52
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG2	4	5.52
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG3	4	5.52
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD11	7	5.51
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD12	7	5.51
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD13	7	5.51
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD11	19	5.51
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD12	19	5.51
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD13	19	5.51
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB2	14	5.51
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB3	14	5.51
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB2	14	5.51
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB3	14	5.51
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD11	7	5.5
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD12	7	5.5
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD13	7	5.5
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD21	7	5.5
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD22	7	5.5
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD23	7	5.5
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD11	7	5.5
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD12	7	5.5
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD13	7	5.5
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD21	7	5.5
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD22	7	5.5
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD23	7	5.5
(29,2443)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	4	5.5
(29,2443)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	4	5.5
(29,2443)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	4	5.5
(29,2443)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	4	5.5
(29,2443)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	4	5.5
(29,2443)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	4	5.5
(29,2443)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	4	5.5
(29,2443)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	4	5.5
(29,2443)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	4	5.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2443)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	4	5.5
(29,2443)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	4	5.5
(29,2443)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	4	5.5
(15,2494)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	4	5.5
(15,2494)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	4	5.5
(15,2494)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	4	5.5
(15,2494)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	4	5.5
(15,2494)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	4	5.5
(15,2494)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	4	5.5
(15,2494)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	4	5.5
(15,2494)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	4	5.5
(15,2494)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	4	5.5
(15,2494)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	4	5.5
(15,2494)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	4	5.5
(15,2494)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	4	5.5
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB2	18	5.5
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB3	18	5.5
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB2	18	5.5
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB3	18	5.5
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB2	18	5.5
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB3	18	5.5
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG2	14	5.5
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG3	14	5.5
(9,2431)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	4	5.5
(9,2431)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	4	5.5
(9,2431)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	4	5.5
(9,2431)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	4	5.5
(9,2431)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	4	5.5
(9,2431)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	4	5.5
(9,2431)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	4	5.5
(9,2431)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	4	5.5
(9,2431)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	4	5.5
(9,2431)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	4	5.5
(9,2431)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	4	5.5
(9,2431)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	4	5.5
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG2	9	5.5
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG3	9	5.5
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG2	9	5.5
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG3	9	5.5
(29,2443)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	12	5.49
(29,2443)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	12	5.49
(29,2443)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	12	5.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2443)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	12	5.49
(29,2443)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	12	5.49
(29,2443)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	12	5.49
(29,2443)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	12	5.49
(29,2443)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	12	5.49
(29,2443)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	12	5.49
(29,2443)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	12	5.49
(29,2443)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	12	5.49
(29,2443)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	12	5.49
(20,10)	1:56:A:CYS:SG	1:59:A:CYS:SG	3	5.49
(15,2494)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	12	5.49
(15,2494)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	12	5.49
(15,2494)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	12	5.49
(15,2494)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	12	5.49
(15,2494)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	12	5.49
(15,2494)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	12	5.49
(15,2494)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	12	5.49
(15,2494)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	12	5.49
(15,2494)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	12	5.49
(15,2494)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	12	5.49
(15,2494)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	12	5.49
(15,2494)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	12	5.49
(9,2431)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	12	5.49
(9,2431)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	12	5.49
(9,2431)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	12	5.49
(9,2431)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	12	5.49
(9,2431)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	12	5.49
(9,2431)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	12	5.49
(9,2431)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	12	5.49
(9,2431)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	12	5.49
(9,2431)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	12	5.49
(9,2431)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	12	5.49
(9,2431)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	12	5.49
(9,2431)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	12	5.49
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG11	8	5.49
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG12	8	5.49
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG13	8	5.49
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG21	8	5.49
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG22	8	5.49
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG23	8	5.49
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG11	8	5.49
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG12	8	5.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG13	8	5.49
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG21	8	5.49
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG22	8	5.49
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG23	8	5.49
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG11	8	5.49
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG12	8	5.49
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG13	8	5.49
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG21	8	5.49
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG22	8	5.49
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG23	8	5.49
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD2	9	5.49
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD3	9	5.49
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD2	9	5.49
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD3	9	5.49
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD2	9	5.49
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD3	9	5.49
(5,2472)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	19	5.49
(5,2472)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	19	5.49
(5,2472)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	19	5.49
(5,2472)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	19	5.49
(5,2472)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	19	5.49
(5,2472)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	19	5.49
(5,2472)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	19	5.49
(5,2472)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	19	5.49
(5,2472)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	19	5.49
(5,2472)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	19	5.49
(5,2472)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	19	5.49
(5,2472)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	19	5.49
(29,709)	1:144:A:LEU:HD11	1:147:A:ARG:HE	11	5.48
(29,709)	1:144:A:LEU:HD12	1:147:A:ARG:HE	11	5.48
(29,709)	1:144:A:LEU:HD13	1:147:A:ARG:HE	11	5.48
(17,2481)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	19	5.48
(17,2481)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	19	5.48
(17,2481)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	19	5.48
(17,2481)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	19	5.48
(17,2481)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	19	5.48
(17,2481)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	19	5.48
(17,2481)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	19	5.48
(17,2481)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	19	5.48
(17,2481)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	19	5.48
(17,2481)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	19	5.48
(17,2481)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	19	5.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2481)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	19	5.48
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD11	19	5.48
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD12	19	5.48
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD13	19	5.48
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD11	19	5.48
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD12	19	5.48
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD13	19	5.48
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD11	19	5.48
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD12	19	5.48
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD13	19	5.48
(15,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	11	5.48
(15,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	11	5.48
(15,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	11	5.48
(2,1272)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	2	5.48
(2,1272)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	2	5.48
(2,1272)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	2	5.48
(20,10)	1:56:A:CYS:SG	1:59:A:CYS:SG	1	5.47
(19,1)	1:120:A:CYS:SG	1:56:A:CYS:CB	5	5.47
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD2	2	5.46
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD3	2	5.46
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD2	2	5.46
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD3	2	5.46
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD2	2	5.46
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD3	2	5.46
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD11	12	5.45
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD12	12	5.45
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD13	12	5.45
(2,1458)	1:30:A:LEU:HB2	1:145:A:PRO:HD2	19	5.45
(2,1458)	1:30:A:LEU:HB3	1:145:A:PRO:HD2	19	5.45
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD11	9	5.45
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD12	9	5.45
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD13	9	5.45
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD11	9	5.45
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD12	9	5.45
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD13	9	5.45
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD11	9	5.45
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD12	9	5.45
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD13	9	5.45
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD1	6	5.44
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD2	6	5.44
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD1	6	5.44
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD2	6	5.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,66)	1:33:A:LYS:HB2	1:81:A:GLU:H	11	5.44
(30,66)	1:33:A:LYS:HB3	1:81:A:GLU:H	11	5.44
(15,70)	1:33:A:LYS:HB2	1:81:A:GLU:H	11	5.44
(15,70)	1:33:A:LYS:HB3	1:81:A:GLU:H	11	5.44
(20,10)	1:56:A:CYS:SG	1:59:A:CYS:SG	17	5.43
(3,992)	1:31:A:PRO:HB2	1:143:A:TRP:HA	3	5.43
(3,992)	1:31:A:PRO:HB3	1:143:A:TRP:HA	3	5.43
(20,1)	1:120:A:CYS:SG	1:123:A:CYS:SG	13	5.42
(3,863)	1:43:A:MET:HE1	1:144:A:LEU:HB3	9	5.42
(3,863)	1:43:A:MET:HE2	1:144:A:LEU:HB3	9	5.42
(3,863)	1:43:A:MET:HE3	1:144:A:LEU:HB3	9	5.42
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE1	14	5.41
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE2	14	5.41
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE3	14	5.41
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE1	14	5.41
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE2	14	5.41
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE3	14	5.41
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG2	5	5.41
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG3	5	5.41
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG2	5	5.41
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG3	5	5.41
(20,10)	1:56:A:CYS:SG	1:59:A:CYS:SG	6	5.4
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	12	5.4
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	12	5.4
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	12	5.4
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	12	5.4
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD11	18	5.39
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD12	18	5.39
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD13	18	5.39
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD21	18	5.39
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD22	18	5.39
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD23	18	5.39
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD11	18	5.39
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD12	18	5.39
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD13	18	5.39
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD21	18	5.39
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD22	18	5.39
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD23	18	5.39
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD11	13	5.38
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD12	13	5.38
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD13	13	5.38
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD21	13	5.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD22	13	5.38
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD23	13	5.38
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD11	13	5.38
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD12	13	5.38
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD13	13	5.38
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD21	13	5.38
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD22	13	5.38
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD23	13	5.38
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD11	2	5.38
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD12	2	5.38
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD13	2	5.38
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	16	5.37
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	16	5.37
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	16	5.37
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	16	5.37
(32,839)	1:30:A:LEU:HB2	1:143:A:TRP:HZ3	15	5.37
(32,839)	1:30:A:LEU:HB3	1:143:A:TRP:HZ3	15	5.37
(5,1143)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	4	5.37
(5,1143)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	4	5.37
(5,1143)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	4	5.37
(5,1143)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	4	5.37
(5,1143)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	4	5.37
(5,1143)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	4	5.37
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG11	12	5.37
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG12	12	5.37
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG13	12	5.37
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG21	12	5.37
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG22	12	5.37
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG23	12	5.37
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG11	12	5.37
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG12	12	5.37
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG13	12	5.37
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG21	12	5.37
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG22	12	5.37
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG23	12	5.37
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG11	12	5.37
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG12	12	5.37
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG13	12	5.37
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG21	12	5.37
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG22	12	5.37
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG23	12	5.37
(1,913)	1:66:A:THR:HG21	1:95:A:ILE:HB	11	5.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,913)	1:66:A:THR:HG22	1:95:A:ILE:HB	11	5.37
(1,913)	1:66:A:THR:HG23	1:95:A:ILE:HB	11	5.37
(33,2498)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	6	5.36
(33,2498)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	6	5.36
(33,2498)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	6	5.36
(33,2498)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	6	5.36
(33,2498)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	6	5.36
(33,2498)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	6	5.36
(33,2498)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	6	5.36
(33,2498)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	6	5.36
(33,2498)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	6	5.36
(33,2498)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	6	5.36
(33,2498)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	6	5.36
(33,2498)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	6	5.36
(33,677)	1:20:A:THR:H	1:133:A:ASN:H	4	5.36
(19,17)	1:56:A:CYS:SG	1:120:A:CYS:CB	8	5.36
(7,2004)	1:27:A:ARG:HA	1:31:A:PRO:HD2	10	5.36
(7,2004)	1:27:A:ARG:HA	1:31:A:PRO:HD3	10	5.36
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	6	5.35
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	6	5.35
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	6	5.35
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	6	5.35
(29,2443)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	19	5.35
(29,2443)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	19	5.35
(29,2443)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	19	5.35
(29,2443)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	19	5.35
(29,2443)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	19	5.35
(29,2443)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	19	5.35
(29,2443)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	19	5.35
(29,2443)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	19	5.35
(29,2443)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	19	5.35
(29,2443)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	19	5.35
(29,2443)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	19	5.35
(29,2443)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	19	5.35
(20,10)	1:56:A:CYS:SG	1:59:A:CYS:SG	9	5.35
(19,23)	1:59:A:CYS:SG	1:123:A:CYS:CB	17	5.35
(19,1)	1:120:A:CYS:SG	1:56:A:CYS:CB	16	5.35
(15,2494)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	19	5.35
(15,2494)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	19	5.35
(15,2494)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	19	5.35
(15,2494)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	19	5.35
(15,2494)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	19	5.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2494)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	19	5.35
(15,2494)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	19	5.35
(15,2494)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	19	5.35
(15,2494)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	19	5.35
(15,2494)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	19	5.35
(15,2494)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	19	5.35
(15,2494)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	19	5.35
(9,2431)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	19	5.35
(9,2431)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	19	5.35
(9,2431)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	19	5.35
(9,2431)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	19	5.35
(9,2431)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	19	5.35
(9,2431)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	19	5.35
(9,2431)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	19	5.35
(9,2431)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	19	5.35
(9,2431)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	19	5.35
(9,2431)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	19	5.35
(9,2431)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	19	5.35
(9,2431)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	19	5.35
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG11	19	5.35
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG12	19	5.35
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG13	19	5.35
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG21	19	5.35
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG22	19	5.35
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG23	19	5.35
(33,1539)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	15	5.34
(33,1539)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	15	5.34
(33,1539)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	15	5.34
(33,1539)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	15	5.34
(33,1539)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	15	5.34
(33,1539)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	15	5.34
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB2	9	5.34
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB2	9	5.34
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB2	9	5.34
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB3	9	5.34
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB3	9	5.34
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB3	9	5.34
(16,1617)	1:31:A:PRO:HG2	1:80:A:TYR:HB3	6	5.34
(16,1617)	1:31:A:PRO:HG3	1:80:A:TYR:HB3	6	5.34
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG2	1	5.34
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG3	1	5.34
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG2	1	5.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG3	1	5.34
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG2	1	5.34
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG3	1	5.34
(11,843)	1:43:A:MET:HE1	1:144:A:LEU:HB2	9	5.34
(11,843)	1:43:A:MET:HE2	1:144:A:LEU:HB2	9	5.34
(11,843)	1:43:A:MET:HE3	1:144:A:LEU:HB2	9	5.34
(11,843)	1:43:A:MET:HE1	1:144:A:LEU:HB3	9	5.34
(11,843)	1:43:A:MET:HE2	1:144:A:LEU:HB3	9	5.34
(11,843)	1:43:A:MET:HE3	1:144:A:LEU:HB3	9	5.34
(32,839)	1:30:A:LEU:HB2	1:143:A:TRP:HZ3	13	5.33
(32,839)	1:30:A:LEU:HB3	1:143:A:TRP:HZ3	13	5.33
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD11	6	5.33
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD12	6	5.33
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD13	6	5.33
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD21	6	5.33
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD22	6	5.33
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD23	6	5.33
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG2	3	5.33
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG3	3	5.33
(1,913)	1:66:A:THR:HG21	1:95:A:ILE:HB	16	5.33
(1,913)	1:66:A:THR:HG22	1:95:A:ILE:HB	16	5.33
(1,913)	1:66:A:THR:HG23	1:95:A:ILE:HB	16	5.33
(2,1418)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	17	5.32
(2,1418)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	17	5.32
(2,1418)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	17	5.32
(32,1709)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	15	5.31
(32,1709)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	15	5.31
(6,2029)	1:17:A:ASN:HD21	1:79:A:THR:H	13	5.31
(6,2029)	1:17:A:ASN:HD22	1:79:A:THR:H	13	5.31
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	6	5.3
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	6	5.3
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	6	5.3
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	6	5.3
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	6	5.3
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	6	5.3
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	6	5.3
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	6	5.3
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	6	5.3
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	6	5.3
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	6	5.3
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	6	5.3
(18,1439)	1:31:A:PRO:HD3	1:140:A:LEU:HG	17	5.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1141)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	4	5.3
(17,1141)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	4	5.3
(17,1141)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	4	5.3
(17,1141)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	4	5.3
(17,1141)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	4	5.3
(17,1141)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	4	5.3
(17,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	14	5.3
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	4	5.3
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	4	5.3
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	4	5.3
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	4	5.3
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	4	5.3
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	4	5.3
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	4	5.3
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	4	5.3
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	4	5.3
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG2	6	5.3
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG3	6	5.3
(5,2472)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	6	5.3
(5,2472)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	6	5.3
(5,2472)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	6	5.3
(5,2472)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	6	5.3
(5,2472)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	6	5.3
(5,2472)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	6	5.3
(5,2472)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	6	5.3
(5,2472)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	6	5.3
(5,2472)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	6	5.3
(5,2472)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	6	5.3
(5,2472)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	6	5.3
(5,2472)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	6	5.3
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	6	5.29
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	6	5.29
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	6	5.29
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	6	5.29
(33,2498)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	15	5.29
(33,2498)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	15	5.29
(33,2498)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	15	5.29
(33,2498)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	15	5.29
(33,2498)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	15	5.29
(33,2498)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	15	5.29
(33,2498)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	15	5.29
(33,2498)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	15	5.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2498)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	15	5.29
(33,2498)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	15	5.29
(33,2498)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	15	5.29
(33,2498)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	15	5.29
(33,1620)	1:31:A:PRO:HG2	1:80:A:TYR:HB3	6	5.29
(33,1620)	1:31:A:PRO:HG3	1:80:A:TYR:HB3	6	5.29
(20,10)	1:56:A:CYS:SG	1:59:A:CYS:SG	11	5.29
(17,2481)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	6	5.29
(17,2481)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	6	5.29
(17,2481)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	6	5.29
(17,2481)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	6	5.29
(17,2481)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	6	5.29
(17,2481)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	6	5.29
(17,2481)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	6	5.29
(17,2481)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	6	5.29
(17,2481)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	6	5.29
(17,2481)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	6	5.29
(17,2481)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	6	5.29
(17,2481)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	6	5.29
(16,1716)	1:21:A:THR:HG21	1:147:A:ARG:HE	3	5.28
(16,1716)	1:21:A:THR:HG22	1:147:A:ARG:HE	3	5.28
(16,1716)	1:21:A:THR:HG23	1:147:A:ARG:HE	3	5.28
(5,1143)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	19	5.28
(5,1143)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	19	5.28
(5,1143)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	19	5.28
(5,1143)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	19	5.28
(5,1143)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	19	5.28
(5,1143)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	19	5.28
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD1	7	5.27
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD2	7	5.27
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD1	7	5.27
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD2	7	5.27
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE1	1	5.27
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE2	1	5.27
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE3	1	5.27
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE1	1	5.27
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE2	1	5.27
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE3	1	5.27
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD11	19	5.27
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD12	19	5.27
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD13	19	5.27
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD11	19	5.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD12	19	5.27
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD13	19	5.27
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD11	19	5.27
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD12	19	5.27
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD13	19	5.27
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG2	14	5.26
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG3	14	5.26
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG2	14	5.26
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG3	14	5.26
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD11	8	5.26
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD12	8	5.26
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD13	8	5.26
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD21	8	5.26
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD22	8	5.26
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD23	8	5.26
(5,1143)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	15	5.26
(5,1143)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	15	5.26
(5,1143)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	15	5.26
(5,1143)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	15	5.26
(5,1143)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	15	5.26
(5,1143)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	15	5.26
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD11	19	5.26
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD12	19	5.26
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD13	19	5.26
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD11	19	5.26
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD12	19	5.26
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD13	19	5.26
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD11	19	5.26
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD12	19	5.26
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD13	19	5.26
(19,17)	1:56:A:CYS:SG	1:120:A:CYS:CB	15	5.25
(19,3)	1:120:A:CYS:SG	1:123:A:CYS:CB	17	5.25
(19,1)	1:120:A:CYS:SG	1:56:A:CYS:CB	3	5.25
(16,2060)	1:30:A:LEU:HD11	1:79:A:THR:HB	14	5.25
(16,2060)	1:30:A:LEU:HD12	1:79:A:THR:HB	14	5.25
(16,2060)	1:30:A:LEU:HD13	1:79:A:THR:HB	14	5.25
(16,2060)	1:30:A:LEU:HD21	1:79:A:THR:HB	14	5.25
(16,2060)	1:30:A:LEU:HD22	1:79:A:THR:HB	14	5.25
(16,2060)	1:30:A:LEU:HD23	1:79:A:THR:HB	14	5.25
(1,192)	1:68:A:LYS:HE2	1:93:A:GLU:H	19	5.25
(1,192)	1:68:A:LYS:HE3	1:93:A:GLU:H	19	5.25
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	6	5.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	6	5.24
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	6	5.24
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	6	5.24
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	6	5.24
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	6	5.24
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	6	5.24
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	6	5.24
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	6	5.24
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	6	5.24
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	6	5.24
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	6	5.24
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	6	5.24
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	6	5.24
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	6	5.24
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	6	5.24
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	6	5.24
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	6	5.24
(33,1539)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	9	5.24
(33,1539)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	9	5.24
(33,1539)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	9	5.24
(33,1539)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	9	5.24
(33,1539)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	9	5.24
(33,1539)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	9	5.24
(33,1131)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	6	5.24
(33,1131)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	6	5.24
(33,1131)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	6	5.24
(33,1131)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	6	5.24
(33,1131)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	6	5.24
(33,1131)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	6	5.24
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	13	5.24
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	13	5.24
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	13	5.24
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	13	5.24
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	13	5.24
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	13	5.24
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	13	5.24
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	13	5.24
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	13	5.24
(5,1143)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	12	5.24
(5,1143)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	12	5.24
(5,1143)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	12	5.24
(5,1143)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	12	5.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1143)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	12	5.24
(5,1143)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	12	5.24
(1,1736)	1:20:A:THR:HG21	1:134:A:VAL:HB	15	5.24
(1,1736)	1:20:A:THR:HG22	1:134:A:VAL:HB	15	5.24
(1,1736)	1:20:A:THR:HG23	1:134:A:VAL:HB	15	5.24
(19,23)	1:59:A:CYS:SG	1:123:A:CYS:CB	9	5.23
(5,2472)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	15	5.23
(5,2472)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	15	5.23
(5,2472)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	15	5.23
(5,2472)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	15	5.23
(5,2472)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	15	5.23
(5,2472)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	15	5.23
(5,2472)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	15	5.23
(5,2472)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	15	5.23
(5,2472)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	15	5.23
(5,2472)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	15	5.23
(5,2472)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	15	5.23
(5,2472)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	15	5.23
(5,1143)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	8	5.23
(5,1143)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	8	5.23
(5,1143)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	8	5.23
(5,1143)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	8	5.23
(5,1143)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	8	5.23
(5,1143)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	8	5.23
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD11	10	5.22
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD12	10	5.22
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD13	10	5.22
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD21	10	5.22
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD22	10	5.22
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD23	10	5.22
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	6	5.22
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	6	5.22
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	6	5.22
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	6	5.22
(17,2481)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	15	5.22
(17,2481)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	15	5.22
(17,2481)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	15	5.22
(17,2481)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	15	5.22
(17,2481)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	15	5.22
(17,2481)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	15	5.22
(17,2481)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	15	5.22
(17,2481)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	15	5.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2481)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	15	5.22
(17,2481)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	15	5.22
(17,2481)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	15	5.22
(17,2481)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	15	5.22
(16,2059)	1:30:A:LEU:HD11	1:79:A:THR:HA	5	5.22
(16,2059)	1:30:A:LEU:HD12	1:79:A:THR:HA	5	5.22
(16,2059)	1:30:A:LEU:HD13	1:79:A:THR:HA	5	5.22
(16,2059)	1:30:A:LEU:HD21	1:79:A:THR:HA	5	5.22
(16,2059)	1:30:A:LEU:HD22	1:79:A:THR:HA	5	5.22
(16,2059)	1:30:A:LEU:HD23	1:79:A:THR:HA	5	5.22
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG21	7	5.22
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG22	7	5.22
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG23	7	5.22
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG21	7	5.22
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG22	7	5.22
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG23	7	5.22
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB2	4	5.21
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB3	4	5.21
(20,7)	1:56:A:CYS:SG	1:120:A:CYS:SG	7	5.21
(17,1141)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	19	5.21
(17,1141)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	19	5.21
(17,1141)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	19	5.21
(17,1141)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	19	5.21
(17,1141)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	19	5.21
(17,1141)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	19	5.21
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE1	6	5.21
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE2	6	5.21
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE3	6	5.21
(5,2473)	1:144:A:LEU:HD11	1:147:A:ARG:HE	11	5.21
(5,2473)	1:144:A:LEU:HD12	1:147:A:ARG:HE	11	5.21
(5,2473)	1:144:A:LEU:HD13	1:147:A:ARG:HE	11	5.21
(5,2473)	1:144:A:LEU:HD21	1:147:A:ARG:HE	11	5.21
(5,2473)	1:144:A:LEU:HD22	1:147:A:ARG:HE	11	5.21
(5,2473)	1:144:A:LEU:HD23	1:147:A:ARG:HE	11	5.21
(33,701)	1:144:A:LEU:HD11	1:147:A:ARG:HE	11	5.2
(33,701)	1:144:A:LEU:HD12	1:147:A:ARG:HE	11	5.2
(33,701)	1:144:A:LEU:HD13	1:147:A:ARG:HE	11	5.2
(33,697)	1:10:A:ASN:HD22	1:14:A:VAL:HB	14	5.2
(20,12)	1:59:A:CYS:SG	1:123:A:CYS:SG	18	5.2
(19,1)	1:120:A:CYS:SG	1:56:A:CYS:CB	18	5.2
(17,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	11	5.2
(17,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	11	5.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	11	5.2
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD2	9	5.2
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD3	9	5.2
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD2	9	5.2
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD3	9	5.2
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD2	9	5.2
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD3	9	5.2
(16,706)	1:10:A:ASN:HD22	1:14:A:VAL:HB	14	5.2
(13,684)	1:10:A:ASN:HD22	1:14:A:VAL:HB	14	5.2
(9,696)	1:144:A:LEU:HD11	1:147:A:ARG:HE	11	5.2
(9,696)	1:144:A:LEU:HD12	1:147:A:ARG:HE	11	5.2
(9,696)	1:144:A:LEU:HD13	1:147:A:ARG:HE	11	5.2
(7,694)	1:10:A:ASN:HD22	1:14:A:VAL:HB	14	5.2
(5,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	14	5.2
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG2	19	5.2
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG3	19	5.2
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG2	19	5.2
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG3	19	5.2
(1,707)	1:10:A:ASN:HD22	1:14:A:VAL:HB	14	5.2
(19,23)	1:59:A:CYS:SG	1:123:A:CYS:CB	1	5.19
(19,4)	1:123:A:CYS:SG	1:120:A:CYS:CB	19	5.19
(17,1141)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	15	5.19
(17,1141)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	15	5.19
(17,1141)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	15	5.19
(17,1141)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	15	5.19
(17,1141)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	15	5.19
(17,1141)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	15	5.19
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	17	5.18
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	17	5.18
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	17	5.18
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	17	5.18
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	17	5.18
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	17	5.18
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD11	14	5.18
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD12	14	5.18
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD13	14	5.18
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD21	14	5.18
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD22	14	5.18
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD23	14	5.18
(19,4)	1:123:A:CYS:SG	1:120:A:CYS:CB	15	5.18
(17,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	19	5.18
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD11	11	5.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD12	11	5.17
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD13	11	5.17
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD11	11	5.17
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD12	11	5.17
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD13	11	5.17
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD11	11	5.17
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD12	11	5.17
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD13	11	5.17
(17,1141)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	12	5.17
(17,1141)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	12	5.17
(17,1141)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	12	5.17
(17,1141)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	12	5.17
(17,1141)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	12	5.17
(17,1141)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	12	5.17
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD2	2	5.17
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD3	2	5.17
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD2	2	5.17
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD3	2	5.17
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD2	2	5.17
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD3	2	5.17
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	8	5.16
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	8	5.16
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	8	5.16
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	8	5.16
(30,66)	1:33:A:LYS:HB2	1:81:A:GLU:H	10	5.16
(30,66)	1:33:A:LYS:HB3	1:81:A:GLU:H	10	5.16
(29,2443)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	6	5.16
(29,2443)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	6	5.16
(29,2443)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	6	5.16
(29,2443)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	6	5.16
(29,2443)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	6	5.16
(29,2443)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	6	5.16
(29,2443)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	6	5.16
(29,2443)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	6	5.16
(29,2443)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	6	5.16
(29,2443)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	6	5.16
(29,2443)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	6	5.16
(29,2443)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	6	5.16
(19,1)	1:120:A:CYS:SG	1:56:A:CYS:CB	13	5.16
(17,1141)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	8	5.16
(17,1141)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	8	5.16
(17,1141)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	8	5.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1141)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	8	5.16
(17,1141)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	8	5.16
(17,1141)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	8	5.16
(15,2494)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	6	5.16
(15,2494)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	6	5.16
(15,2494)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	6	5.16
(15,2494)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	6	5.16
(15,2494)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	6	5.16
(15,2494)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	6	5.16
(15,2494)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	6	5.16
(15,2494)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	6	5.16
(15,2494)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	6	5.16
(15,2494)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	6	5.16
(15,2494)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	6	5.16
(15,2494)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	6	5.16
(15,70)	1:33:A:LYS:HB2	1:81:A:GLU:H	10	5.16
(15,70)	1:33:A:LYS:HB3	1:81:A:GLU:H	10	5.16
(9,2431)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	6	5.16
(9,2431)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	6	5.16
(9,2431)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	6	5.16
(9,2431)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	6	5.16
(9,2431)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	6	5.16
(9,2431)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	6	5.16
(9,2431)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	6	5.16
(9,2431)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	6	5.16
(9,2431)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	6	5.16
(9,2431)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	6	5.16
(9,2431)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	6	5.16
(9,2431)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	6	5.16
(33,2498)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	11	5.15
(33,2498)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	11	5.15
(33,2498)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	11	5.15
(33,2498)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	11	5.15
(33,2498)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	11	5.15
(33,2498)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	11	5.15
(33,2498)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	11	5.15
(33,2498)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	11	5.15
(33,2498)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	11	5.15
(33,2498)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	11	5.15
(33,2498)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	11	5.15
(33,2498)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	11	5.15
(20,10)	1:56:A:CYS:SG	1:59:A:CYS:SG	7	5.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(19,8)	1:123:A:CYS:SG	1:59:A:CYS:CB	15	5.15
(19,6)	1:123:A:CYS:SG	1:52:A:CYS:CB	10	5.15
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG2	7	5.15
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG3	7	5.15
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG2	2	5.15
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG3	2	5.15
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG2	2	5.15
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG3	2	5.15
(33,1131)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	9	5.14
(33,1131)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	9	5.14
(33,1131)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	9	5.14
(33,1131)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	9	5.14
(33,1131)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	9	5.14
(33,1131)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	9	5.14
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD11	2	5.14
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD12	2	5.14
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD13	2	5.14
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD21	2	5.14
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD22	2	5.14
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD23	2	5.14
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD11	2	5.14
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD12	2	5.14
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD13	2	5.14
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD21	2	5.14
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD22	2	5.14
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD23	2	5.14
(13,829)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	12	5.14
(13,829)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	12	5.14
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	5	5.13
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	5	5.13
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	5	5.13
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	5	5.13
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	5	5.13
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	5	5.13
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD11	3	5.13
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD12	3	5.13
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD13	3	5.13
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD11	3	5.13
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD12	3	5.13
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD13	3	5.13
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD11	3	5.13
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD12	3	5.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD13	3	5.13
(9,2023)	1:23:A:LEU:HD11	1:147:A:ARG:H	3	5.13
(9,2023)	1:23:A:LEU:HD12	1:147:A:ARG:H	3	5.13
(9,2023)	1:23:A:LEU:HD13	1:147:A:ARG:H	3	5.13
(9,2023)	1:23:A:LEU:HD21	1:147:A:ARG:H	3	5.13
(9,2023)	1:23:A:LEU:HD22	1:147:A:ARG:H	3	5.13
(9,2023)	1:23:A:LEU:HD23	1:147:A:ARG:H	3	5.13
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG11	19	5.13
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG12	19	5.13
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG13	19	5.13
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG21	19	5.13
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG22	19	5.13
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG23	19	5.13
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG11	19	5.13
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG12	19	5.13
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG13	19	5.13
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG21	19	5.13
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG22	19	5.13
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG23	19	5.13
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG11	19	5.13
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG12	19	5.13
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG13	19	5.13
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG21	19	5.13
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG22	19	5.13
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG23	19	5.13
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	12	5.13
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	12	5.13
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	12	5.13
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	12	5.13
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	7	5.12
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	7	5.12
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	7	5.12
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	7	5.12
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	7	5.12
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	7	5.12
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	7	5.12
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	7	5.12
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	7	5.12
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	7	5.12
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	7	5.12
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	7	5.12
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	7	5.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	7	5.12
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	7	5.12
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	7	5.12
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	7	5.12
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	7	5.12
(18,2054)	1:30:A:LEU:HD11	1:136:A:CYS:HA	8	5.12
(18,2054)	1:30:A:LEU:HD12	1:136:A:CYS:HA	8	5.12
(18,2054)	1:30:A:LEU:HD13	1:136:A:CYS:HA	8	5.12
(18,2054)	1:30:A:LEU:HD21	1:136:A:CYS:HA	8	5.12
(18,2054)	1:30:A:LEU:HD22	1:136:A:CYS:HA	8	5.12
(18,2054)	1:30:A:LEU:HD23	1:136:A:CYS:HA	8	5.12
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	18	5.11
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	18	5.11
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	18	5.11
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	18	5.11
(18,2054)	1:30:A:LEU:HD11	1:136:A:CYS:HA	17	5.11
(18,2054)	1:30:A:LEU:HD12	1:136:A:CYS:HA	17	5.11
(18,2054)	1:30:A:LEU:HD13	1:136:A:CYS:HA	17	5.11
(18,2054)	1:30:A:LEU:HD21	1:136:A:CYS:HA	17	5.11
(18,2054)	1:30:A:LEU:HD22	1:136:A:CYS:HA	17	5.11
(18,2054)	1:30:A:LEU:HD23	1:136:A:CYS:HA	17	5.11
(11,2075)	1:32:A:GLY:HA2	1:81:A:GLU:H	6	5.11
(11,2075)	1:32:A:GLY:HA3	1:81:A:GLU:H	6	5.11
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD11	4	5.11
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD12	4	5.11
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD13	4	5.11
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD21	4	5.11
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD22	4	5.11
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD23	4	5.11
(1,1132)	1:31:A:PRO:HD2	1:143:A:TRP:HA	19	5.11
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD1	18	5.1
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD2	18	5.1
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD1	18	5.1
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD2	18	5.1
(32,1418)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	15	5.1
(32,1418)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	15	5.1
(18,1373)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	4	5.1
(18,1373)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	4	5.1
(18,1373)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	4	5.1
(18,1373)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	4	5.1
(18,1373)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	4	5.1
(18,1373)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	4	5.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1698)	1:27:A:ARG:HA	1:31:A:PRO:HD2	8	5.1
(15,2495)	1:144:A:LEU:HD11	1:147:A:ARG:HE	17	5.1
(15,2495)	1:144:A:LEU:HD12	1:147:A:ARG:HE	17	5.1
(15,2495)	1:144:A:LEU:HD13	1:147:A:ARG:HE	17	5.1
(15,2495)	1:144:A:LEU:HD21	1:147:A:ARG:HE	17	5.1
(15,2495)	1:144:A:LEU:HD22	1:147:A:ARG:HE	17	5.1
(15,2495)	1:144:A:LEU:HD23	1:147:A:ARG:HE	17	5.1
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB2	17	5.1
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB3	17	5.1
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB2	17	5.1
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB3	17	5.1
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB2	17	5.1
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB3	17	5.1
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG21	12	5.1
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG22	12	5.1
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG23	12	5.1
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG21	12	5.1
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG22	12	5.1
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG23	12	5.1
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG21	12	5.1
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG22	12	5.1
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG23	12	5.1
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG11	12	5.1
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG12	12	5.1
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG13	12	5.1
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG11	12	5.1
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG12	12	5.1
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG13	12	5.1
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG11	12	5.1
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG12	12	5.1
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG13	12	5.1
(34,1362)	1:17:A:ASN:HA	1:76:A:ARG:HA	17	5.09
(29,2443)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	15	5.09
(29,2443)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	15	5.09
(29,2443)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	15	5.09
(29,2443)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	15	5.09
(29,2443)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	15	5.09
(29,2443)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	15	5.09
(29,2443)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	15	5.09
(29,2443)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	15	5.09
(29,2443)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	15	5.09
(29,2443)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	15	5.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2443)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	15	5.09
(29,2443)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	15	5.09
(20,7)	1:56:A:CYS:SG	1:120:A:CYS:SG	4	5.09
(18,2054)	1:30:A:LEU:HD11	1:136:A:CYS:HA	12	5.09
(18,2054)	1:30:A:LEU:HD12	1:136:A:CYS:HA	12	5.09
(18,2054)	1:30:A:LEU:HD13	1:136:A:CYS:HA	12	5.09
(18,2054)	1:30:A:LEU:HD21	1:136:A:CYS:HA	12	5.09
(18,2054)	1:30:A:LEU:HD22	1:136:A:CYS:HA	12	5.09
(18,2054)	1:30:A:LEU:HD23	1:136:A:CYS:HA	12	5.09
(17,1356)	1:17:A:ASN:HA	1:76:A:ARG:HA	17	5.09
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	6	5.09
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	6	5.09
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	6	5.09
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	6	5.09
(15,2494)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	15	5.09
(15,2494)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	15	5.09
(15,2494)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	15	5.09
(15,2494)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	15	5.09
(15,2494)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	15	5.09
(15,2494)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	15	5.09
(15,2494)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	15	5.09
(15,2494)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	15	5.09
(15,2494)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	15	5.09
(15,2494)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	15	5.09
(15,2494)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	15	5.09
(15,2494)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	15	5.09
(9,2431)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	15	5.09
(9,2431)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	15	5.09
(9,2431)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	15	5.09
(9,2431)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	15	5.09
(9,2431)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	15	5.09
(9,2431)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	15	5.09
(9,2431)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	15	5.09
(9,2431)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	15	5.09
(9,2431)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	15	5.09
(9,2431)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	15	5.09
(9,2431)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	15	5.09
(9,2431)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	15	5.09
(6,1340)	1:17:A:ASN:HA	1:76:A:ARG:HA	17	5.09
(5,2472)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	11	5.09
(5,2472)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	11	5.09
(5,2472)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	11	5.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2472)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	11	5.09
(5,2472)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	11	5.09
(5,2472)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	11	5.09
(5,2472)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	11	5.09
(5,2472)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	11	5.09
(5,2472)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	11	5.09
(5,2472)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	11	5.09
(5,2472)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	11	5.09
(5,2472)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	11	5.09
(3,1368)	1:17:A:ASN:HA	1:76:A:ARG:HA	17	5.09
(2,1462)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	9	5.09
(2,1462)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	9	5.09
(2,1462)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	9	5.09
(2,1345)	1:17:A:ASN:HA	1:76:A:ARG:HA	17	5.09
(33,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB2	16	5.08
(33,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB2	16	5.08
(33,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB2	16	5.08
(33,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB2	16	5.08
(33,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB2	16	5.08
(33,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB2	16	5.08
(33,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB3	16	5.08
(33,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB3	16	5.08
(33,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB3	16	5.08
(33,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB3	16	5.08
(33,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB3	16	5.08
(33,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB3	16	5.08
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD11	16	5.08
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD12	16	5.08
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD13	16	5.08
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD21	16	5.08
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD22	16	5.08
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD23	16	5.08
(33,697)	1:10:A:ASN:HD22	1:14:A:VAL:HB	19	5.08
(29,2444)	1:144:A:LEU:HD11	1:147:A:ARG:HE	17	5.08
(29,2444)	1:144:A:LEU:HD12	1:147:A:ARG:HE	17	5.08
(29,2444)	1:144:A:LEU:HD13	1:147:A:ARG:HE	17	5.08
(29,2444)	1:144:A:LEU:HD21	1:147:A:ARG:HE	17	5.08
(29,2444)	1:144:A:LEU:HD22	1:147:A:ARG:HE	17	5.08
(29,2444)	1:144:A:LEU:HD23	1:147:A:ARG:HE	17	5.08
(19,1)	1:120:A:CYS:SG	1:56:A:CYS:CB	10	5.08
(17,2481)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	11	5.08
(17,2481)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	11	5.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2481)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	11	5.08
(17,2481)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	11	5.08
(17,2481)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	11	5.08
(17,2481)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	11	5.08
(17,2481)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	11	5.08
(17,2481)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	11	5.08
(17,2481)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	11	5.08
(17,2481)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	11	5.08
(17,2481)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	11	5.08
(17,2481)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	11	5.08
(17,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	9	5.08
(16,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB2	16	5.08
(16,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB2	16	5.08
(16,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB2	16	5.08
(16,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB2	16	5.08
(16,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB2	16	5.08
(16,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB2	16	5.08
(16,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB3	16	5.08
(16,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB3	16	5.08
(16,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB3	16	5.08
(16,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB3	16	5.08
(16,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB3	16	5.08
(16,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB3	16	5.08
(16,706)	1:10:A:ASN:HD22	1:14:A:VAL:HB	19	5.08
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG2	16	5.08
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG3	16	5.08
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG2	16	5.08
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG3	16	5.08
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG2	16	5.08
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG3	16	5.08
(13,684)	1:10:A:ASN:HD22	1:14:A:VAL:HB	19	5.08
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG11	7	5.08
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG12	7	5.08
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG13	7	5.08
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG21	7	5.08
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG22	7	5.08
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG23	7	5.08
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG11	7	5.08
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG12	7	5.08
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG13	7	5.08
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG21	7	5.08
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG22	7	5.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG23	7	5.08
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG11	7	5.08
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG12	7	5.08
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG13	7	5.08
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG21	7	5.08
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG22	7	5.08
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG23	7	5.08
(7,694)	1:10:A:ASN:HD22	1:14:A:VAL:HB	19	5.08
(5,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	19	5.08
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG11	8	5.08
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG12	8	5.08
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG13	8	5.08
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG21	8	5.08
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG22	8	5.08
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG23	8	5.08
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG11	8	5.08
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG12	8	5.08
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG13	8	5.08
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG21	8	5.08
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG22	8	5.08
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG23	8	5.08
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG11	8	5.08
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG12	8	5.08
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG13	8	5.08
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG21	8	5.08
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG22	8	5.08
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG23	8	5.08
(1,707)	1:10:A:ASN:HD22	1:14:A:VAL:HB	19	5.08
(19,6)	1:123:A:CYS:SG	1:52:A:CYS:CB	4	5.07
(2,841)	1:43:A:MET:HE1	1:144:A:LEU:HB2	9	5.07
(2,841)	1:43:A:MET:HE2	1:144:A:LEU:HB2	9	5.07
(2,841)	1:43:A:MET:HE3	1:144:A:LEU:HB2	9	5.07
(2,841)	1:43:A:MET:HE1	1:144:A:LEU:HB3	9	5.07
(2,841)	1:43:A:MET:HE2	1:144:A:LEU:HB3	9	5.07
(2,841)	1:43:A:MET:HE3	1:144:A:LEU:HB3	9	5.07
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD11	5	5.06
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD12	5	5.06
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD13	5	5.06
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD21	5	5.06
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD22	5	5.06
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD23	5	5.06
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD11	19	5.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD12	19	5.06
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD13	19	5.06
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD11	19	5.06
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD12	19	5.06
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD13	19	5.06
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD11	19	5.06
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD12	19	5.06
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD13	19	5.06
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG11	7	5.06
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG12	7	5.06
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG13	7	5.06
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG21	7	5.06
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG22	7	5.06
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG23	7	5.06
(33,2498)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	9	5.05
(33,2498)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	9	5.05
(33,2498)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	9	5.05
(33,2498)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	9	5.05
(33,2498)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	9	5.05
(33,2498)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	9	5.05
(33,2498)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	9	5.05
(33,2498)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	9	5.05
(33,2498)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	9	5.05
(33,2498)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	9	5.05
(33,2498)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	9	5.05
(33,2498)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	9	5.05
(32,2033)	1:30:A:LEU:HD11	1:143:A:TRP:HE3	2	5.05
(32,2033)	1:30:A:LEU:HD12	1:143:A:TRP:HE3	2	5.05
(32,2033)	1:30:A:LEU:HD13	1:143:A:TRP:HE3	2	5.05
(32,2033)	1:30:A:LEU:HD21	1:143:A:TRP:HE3	2	5.05
(32,2033)	1:30:A:LEU:HD22	1:143:A:TRP:HE3	2	5.05
(32,2033)	1:30:A:LEU:HD23	1:143:A:TRP:HE3	2	5.05
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD2	17	5.05
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD3	17	5.05
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD2	17	5.05
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD3	17	5.05
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD2	17	5.05
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD3	17	5.05
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG21	6	5.05
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG22	6	5.05
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG23	6	5.05
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG21	6	5.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG22	6	5.05
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG23	6	5.05
(9,2432)	1:144:A:LEU:HD11	1:147:A:ARG:HE	17	5.05
(9,2432)	1:144:A:LEU:HD12	1:147:A:ARG:HE	17	5.05
(9,2432)	1:144:A:LEU:HD13	1:147:A:ARG:HE	17	5.05
(9,2432)	1:144:A:LEU:HD21	1:147:A:ARG:HE	17	5.05
(9,2432)	1:144:A:LEU:HD22	1:147:A:ARG:HE	17	5.05
(9,2432)	1:144:A:LEU:HD23	1:147:A:ARG:HE	17	5.05
(3,1143)	1:31:A:PRO:HD2	1:143:A:TRP:HA	19	5.05
(32,2035)	1:30:A:LEU:HD11	1:143:A:TRP:HH2	8	5.04
(32,2035)	1:30:A:LEU:HD12	1:143:A:TRP:HH2	8	5.04
(32,2035)	1:30:A:LEU:HD13	1:143:A:TRP:HH2	8	5.04
(32,2035)	1:30:A:LEU:HD21	1:143:A:TRP:HH2	8	5.04
(32,2035)	1:30:A:LEU:HD22	1:143:A:TRP:HH2	8	5.04
(32,2035)	1:30:A:LEU:HD23	1:143:A:TRP:HH2	8	5.04
(32,2034)	1:30:A:LEU:HD11	1:143:A:TRP:HZ3	8	5.04
(32,2034)	1:30:A:LEU:HD12	1:143:A:TRP:HZ3	8	5.04
(32,2034)	1:30:A:LEU:HD13	1:143:A:TRP:HZ3	8	5.04
(32,2034)	1:30:A:LEU:HD21	1:143:A:TRP:HZ3	8	5.04
(32,2034)	1:30:A:LEU:HD22	1:143:A:TRP:HZ3	8	5.04
(32,2034)	1:30:A:LEU:HD23	1:143:A:TRP:HZ3	8	5.04
(30,1096)	1:31:A:PRO:HG2	1:143:A:TRP:HA	2	5.04
(30,1096)	1:31:A:PRO:HG3	1:143:A:TRP:HA	2	5.04
(19,8)	1:123:A:CYS:SG	1:59:A:CYS:CB	14	5.04
(18,908)	1:67:A:PRO:HD3	1:95:A:ILE:HB	12	5.04
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	18	5.03
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	18	5.03
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	18	5.03
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	18	5.03
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	18	5.03
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	18	5.03
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	18	5.03
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	18	5.03
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	18	5.03
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	18	5.03
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	18	5.03
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	18	5.03
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD11	15	5.03
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD12	15	5.03
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD13	15	5.03
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD11	15	5.03
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD12	15	5.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD13	15	5.03
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD11	15	5.03
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD12	15	5.03
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD13	15	5.03
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB2	19	5.03
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB2	19	5.03
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB2	19	5.03
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB3	19	5.03
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB3	19	5.03
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB3	19	5.03
(17,2482)	1:144:A:LEU:HD11	1:147:A:ARG:HE	17	5.03
(17,2482)	1:144:A:LEU:HD12	1:147:A:ARG:HE	17	5.03
(17,2482)	1:144:A:LEU:HD13	1:147:A:ARG:HE	17	5.03
(17,2482)	1:144:A:LEU:HD21	1:147:A:ARG:HE	17	5.03
(17,2482)	1:144:A:LEU:HD22	1:147:A:ARG:HE	17	5.03
(17,2482)	1:144:A:LEU:HD23	1:147:A:ARG:HE	17	5.03
(16,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	6	5.03
(16,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	6	5.03
(16,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	6	5.03
(16,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	6	5.03
(16,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	6	5.03
(16,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	6	5.03
(16,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	6	5.03
(16,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	6	5.03
(16,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	6	5.03
(16,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	6	5.03
(16,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	6	5.03
(16,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	6	5.03
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB2	6	5.03
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB3	6	5.03
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB2	6	5.03
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB3	6	5.03
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB2	6	5.03
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB3	6	5.03
(11,843)	1:43:A:MET:HE1	1:144:A:LEU:HB2	19	5.03
(11,843)	1:43:A:MET:HE2	1:144:A:LEU:HB2	19	5.03
(11,843)	1:43:A:MET:HE3	1:144:A:LEU:HB2	19	5.03
(11,843)	1:43:A:MET:HE1	1:144:A:LEU:HB3	19	5.03
(11,843)	1:43:A:MET:HE2	1:144:A:LEU:HB3	19	5.03
(11,843)	1:43:A:MET:HE3	1:144:A:LEU:HB3	19	5.03
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG11	14	5.03
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG12	14	5.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG13	14	5.03
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG21	14	5.03
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG22	14	5.03
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG23	14	5.03
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG11	14	5.03
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG12	14	5.03
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG13	14	5.03
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG21	14	5.03
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG22	14	5.03
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG23	14	5.03
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG11	14	5.03
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG12	14	5.03
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG13	14	5.03
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG21	14	5.03
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG22	14	5.03
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG23	14	5.03
(2,1458)	1:30:A:LEU:HB2	1:145:A:PRO:HD2	1	5.03
(2,1458)	1:30:A:LEU:HB3	1:145:A:PRO:HD2	1	5.03
(16,1716)	1:21:A:THR:HG21	1:147:A:ARG:HE	2	5.02
(16,1716)	1:21:A:THR:HG22	1:147:A:ARG:HE	2	5.02
(16,1716)	1:21:A:THR:HG23	1:147:A:ARG:HE	2	5.02
(6,1911)	1:18:A:PHE:HA	1:113:A:PHE:HE1	17	5.02
(6,1911)	1:18:A:PHE:HA	1:113:A:PHE:HE2	17	5.02
(6,743)	1:43:A:MET:HE1	1:134:A:VAL:H	7	5.02
(6,743)	1:43:A:MET:HE2	1:134:A:VAL:H	7	5.02
(6,743)	1:43:A:MET:HE3	1:134:A:VAL:H	7	5.02
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD11	9	5.02
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD12	9	5.02
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD13	9	5.02
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD21	9	5.02
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD22	9	5.02
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD23	9	5.02
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD11	9	5.02
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD12	9	5.02
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD13	9	5.02
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD21	9	5.02
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD22	9	5.02
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD23	9	5.02
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD11	9	5.02
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD12	9	5.02
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD13	9	5.02
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD21	9	5.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD22	9	5.02
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD23	9	5.02
(2,1095)	1:31:A:PRO:HG2	1:143:A:TRP:HA	2	5.02
(2,1095)	1:31:A:PRO:HG3	1:143:A:TRP:HA	2	5.02
(16,1698)	1:27:A:ARG:HA	1:31:A:PRO:HD2	5	5.01
(5,1561)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	15	5.01
(5,1561)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	15	5.01
(5,1561)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	15	5.01
(5,1561)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	15	5.01
(5,1561)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	15	5.01
(5,1561)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	15	5.01
(3,863)	1:43:A:MET:HE1	1:144:A:LEU:HB3	19	5.01
(3,863)	1:43:A:MET:HE2	1:144:A:LEU:HB3	19	5.01
(3,863)	1:43:A:MET:HE3	1:144:A:LEU:HB3	19	5.01
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG11	18	5.01
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG12	18	5.01
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG13	18	5.01
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG21	18	5.01
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG22	18	5.01
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG23	18	5.01
(19,23)	1:59:A:CYS:SG	1:123:A:CYS:CB	7	5.0
(19,8)	1:123:A:CYS:SG	1:59:A:CYS:CB	12	5.0
(16,1698)	1:27:A:ARG:HA	1:31:A:PRO:HD2	4	5.0
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB2	14	5.0
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB3	14	5.0
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG2	13	5.0
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG3	13	5.0
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG2	13	5.0
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG3	13	5.0
(1,1132)	1:31:A:PRO:HD2	1:143:A:TRP:HA	1	5.0
(33,2499)	1:144:A:LEU:HD11	1:147:A:ARG:HE	17	4.99
(33,2499)	1:144:A:LEU:HD12	1:147:A:ARG:HE	17	4.99
(33,2499)	1:144:A:LEU:HD13	1:147:A:ARG:HE	17	4.99
(33,2499)	1:144:A:LEU:HD21	1:147:A:ARG:HE	17	4.99
(33,2499)	1:144:A:LEU:HD22	1:147:A:ARG:HE	17	4.99
(33,2499)	1:144:A:LEU:HD23	1:147:A:ARG:HE	17	4.99
(30,1096)	1:31:A:PRO:HG2	1:143:A:TRP:HA	13	4.99
(30,1096)	1:31:A:PRO:HG3	1:143:A:TRP:HA	13	4.99
(19,17)	1:56:A:CYS:SG	1:120:A:CYS:CB	4	4.99
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG11	15	4.99
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG12	15	4.99
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG13	15	4.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1690)	1:21:A:THR:HG21	1:147:A:ARG:HE	3	4.99
(7,1690)	1:21:A:THR:HG22	1:147:A:ARG:HE	3	4.99
(7,1690)	1:21:A:THR:HG23	1:147:A:ARG:HE	3	4.99
(5,2472)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	9	4.99
(5,2472)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	9	4.99
(5,2472)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	9	4.99
(5,2472)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	9	4.99
(5,2472)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	9	4.99
(5,2472)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	9	4.99
(5,2472)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	9	4.99
(5,2472)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	9	4.99
(5,2472)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	9	4.99
(5,2472)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	9	4.99
(5,2472)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	9	4.99
(5,2472)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	9	4.99
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG2	19	4.99
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG3	19	4.99
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG2	19	4.99
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG3	19	4.99
(33,1616)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	6	4.98
(33,1616)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	6	4.98
(33,697)	1:10:A:ASN:HD22	1:14:A:VAL:HB	9	4.98
(29,1447)	1:31:A:PRO:HD3	1:144:A:LEU:HA	3	4.98
(17,2481)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	9	4.98
(17,2481)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	9	4.98
(17,2481)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	9	4.98
(17,2481)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	9	4.98
(17,2481)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	9	4.98
(17,2481)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	9	4.98
(17,2481)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	9	4.98
(17,2481)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	9	4.98
(17,2481)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	9	4.98
(17,2481)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	9	4.98
(17,2481)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	9	4.98
(17,2481)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	9	4.98
(16,1613)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	6	4.98
(16,1613)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	6	4.98
(16,1443)	1:31:A:PRO:HD3	1:144:A:LEU:HA	3	4.98
(16,706)	1:10:A:ASN:HD22	1:14:A:VAL:HB	9	4.98
(13,684)	1:10:A:ASN:HD22	1:14:A:VAL:HB	9	4.98
(11,1657)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	6	4.98
(11,1657)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	6	4.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1460)	1:31:A:PRO:HD3	1:144:A:LEU:HA	3	4.98
(7,694)	1:10:A:ASN:HD22	1:14:A:VAL:HB	9	4.98
(5,1459)	1:31:A:PRO:HD3	1:144:A:LEU:HA	3	4.98
(5,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	9	4.98
(3,1656)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	6	4.98
(3,1656)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	6	4.98
(3,1463)	1:31:A:PRO:HD3	1:144:A:LEU:HA	3	4.98
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG2	11	4.98
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG3	11	4.98
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG2	11	4.98
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG3	11	4.98
(1,707)	1:10:A:ASN:HD22	1:14:A:VAL:HB	9	4.98
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD11	6	4.97
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD12	6	4.97
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD13	6	4.97
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD21	6	4.97
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD22	6	4.97
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD23	6	4.97
(18,2054)	1:30:A:LEU:HD11	1:136:A:CYS:HA	5	4.97
(18,2054)	1:30:A:LEU:HD12	1:136:A:CYS:HA	5	4.97
(18,2054)	1:30:A:LEU:HD13	1:136:A:CYS:HA	5	4.97
(18,2054)	1:30:A:LEU:HD21	1:136:A:CYS:HA	5	4.97
(18,2054)	1:30:A:LEU:HD22	1:136:A:CYS:HA	5	4.97
(18,2054)	1:30:A:LEU:HD23	1:136:A:CYS:HA	5	4.97
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG11	18	4.97
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG12	18	4.97
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG13	18	4.97
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG21	18	4.97
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG22	18	4.97
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG23	18	4.97
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG11	18	4.97
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG12	18	4.97
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG13	18	4.97
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG21	18	4.97
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG22	18	4.97
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG23	18	4.97
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG11	18	4.97
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG12	18	4.97
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG13	18	4.97
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG21	18	4.97
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG22	18	4.97
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG23	18	4.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1095)	1:31:A:PRO:HG2	1:143:A:TRP:HA	13	4.97
(2,1095)	1:31:A:PRO:HG3	1:143:A:TRP:HA	13	4.97
(33,677)	1:20:A:THR:H	1:133:A:ASN:H	12	4.96
(20,10)	1:56:A:CYS:SG	1:59:A:CYS:SG	2	4.96
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	6	4.96
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	6	4.96
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	6	4.96
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	6	4.96
(2,1272)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	3	4.96
(2,1272)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	3	4.96
(2,1272)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	3	4.96
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB2	16	4.96
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB3	16	4.96
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB2	16	4.96
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB3	16	4.96
(32,839)	1:30:A:LEU:HB2	1:143:A:TRP:HZ3	5	4.95
(32,839)	1:30:A:LEU:HB3	1:143:A:TRP:HZ3	5	4.95
(29,2443)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	11	4.95
(29,2443)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	11	4.95
(29,2443)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	11	4.95
(29,2443)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	11	4.95
(29,2443)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	11	4.95
(29,2443)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	11	4.95
(29,2443)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	11	4.95
(29,2443)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	11	4.95
(29,2443)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	11	4.95
(29,2443)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	11	4.95
(29,2443)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	11	4.95
(29,2443)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	11	4.95
(20,10)	1:56:A:CYS:SG	1:59:A:CYS:SG	14	4.95
(19,23)	1:59:A:CYS:SG	1:123:A:CYS:CB	11	4.95
(19,19)	1:56:A:CYS:SG	1:127:A:CYS:CB	2	4.95
(19,1)	1:120:A:CYS:SG	1:56:A:CYS:CB	11	4.95
(15,2494)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	11	4.95
(15,2494)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	11	4.95
(15,2494)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	11	4.95
(15,2494)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	11	4.95
(15,2494)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	11	4.95
(15,2494)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	11	4.95
(15,2494)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	11	4.95
(15,2494)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	11	4.95
(15,2494)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	11	4.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2494)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	11	4.95
(15,2494)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	11	4.95
(15,2494)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	11	4.95
(9,2431)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	11	4.95
(9,2431)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	11	4.95
(9,2431)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	11	4.95
(9,2431)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	11	4.95
(9,2431)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	11	4.95
(9,2431)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	11	4.95
(9,2431)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	11	4.95
(9,2431)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	11	4.95
(9,2431)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	11	4.95
(9,2431)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	11	4.95
(9,2431)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	11	4.95
(9,2431)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	11	4.95
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD11	6	4.95
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD12	6	4.95
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD13	6	4.95
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD21	6	4.95
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD22	6	4.95
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD23	6	4.95
(1,913)	1:66:A:THR:HG21	1:95:A:ILE:HB	9	4.95
(1,913)	1:66:A:THR:HG22	1:95:A:ILE:HB	9	4.95
(1,913)	1:66:A:THR:HG23	1:95:A:ILE:HB	9	4.95
(20,1)	1:120:A:CYS:SG	1:123:A:CYS:SG	18	4.94
(19,3)	1:120:A:CYS:SG	1:123:A:CYS:CB	14	4.94
(17,1567)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	15	4.94
(17,1567)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	15	4.94
(17,1567)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	15	4.94
(17,1567)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	15	4.94
(17,1567)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	15	4.94
(17,1567)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	15	4.94
(3,1143)	1:31:A:PRO:HD2	1:143:A:TRP:HA	1	4.94
(19,3)	1:120:A:CYS:SG	1:123:A:CYS:CB	15	4.93
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD11	5	4.93
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD12	5	4.93
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD13	5	4.93
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD21	5	4.93
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD22	5	4.93
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD23	5	4.93
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB2	13	4.93
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB3	13	4.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB2	13	4.93
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB3	13	4.93
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB2	18	4.93
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB3	18	4.93
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB2	18	4.93
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB3	18	4.93
(20,7)	1:56:A:CYS:SG	1:120:A:CYS:SG	2	4.92
(2,1458)	1:30:A:LEU:HB2	1:145:A:PRO:HD2	3	4.92
(2,1458)	1:30:A:LEU:HB3	1:145:A:PRO:HD2	3	4.92
(2,1458)	1:30:A:LEU:HB2	1:145:A:PRO:HD2	15	4.92
(2,1458)	1:30:A:LEU:HB3	1:145:A:PRO:HD2	15	4.92
(1,913)	1:66:A:THR:HG21	1:95:A:ILE:HB	7	4.92
(1,913)	1:66:A:THR:HG22	1:95:A:ILE:HB	7	4.92
(1,913)	1:66:A:THR:HG23	1:95:A:ILE:HB	7	4.92
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB2	11	4.91
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB3	11	4.91
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG2	7	4.91
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG3	7	4.91
(33,1539)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	17	4.91
(33,1539)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	17	4.91
(33,1539)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	17	4.91
(33,1539)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	17	4.91
(33,1539)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	17	4.91
(33,1539)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	17	4.91
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG2	7	4.91
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG3	7	4.91
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG11	12	4.91
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG12	12	4.91
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG13	12	4.91
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG21	12	4.91
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG22	12	4.91
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG23	12	4.91
(5,1561)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	9	4.91
(5,1561)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	9	4.91
(5,1561)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	9	4.91
(5,1561)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	9	4.91
(5,1561)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	9	4.91
(5,1561)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	9	4.91
(5,1143)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	6	4.91
(5,1143)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	6	4.91
(5,1143)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	6	4.91
(5,1143)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	6	4.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1143)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	6	4.91
(5,1143)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	6	4.91
(1,913)	1:66:A:THR:HG21	1:95:A:ILE:HB	3	4.91
(1,913)	1:66:A:THR:HG22	1:95:A:ILE:HB	3	4.91
(1,913)	1:66:A:THR:HG23	1:95:A:ILE:HB	3	4.91
(17,2049)	1:23:A:LEU:HB2	1:146:A:GLN:HG2	13	4.9
(17,2049)	1:23:A:LEU:HB2	1:146:A:GLN:HG3	13	4.9
(17,2049)	1:23:A:LEU:HB3	1:146:A:GLN:HG2	13	4.9
(17,2049)	1:23:A:LEU:HB3	1:146:A:GLN:HG3	13	4.9
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD11	7	4.9
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD12	7	4.9
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD13	7	4.9
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD21	7	4.9
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD22	7	4.9
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD23	7	4.9
(7,1994)	1:23:A:LEU:HB2	1:146:A:GLN:HG2	13	4.9
(7,1994)	1:23:A:LEU:HB2	1:146:A:GLN:HG3	13	4.9
(7,1994)	1:23:A:LEU:HB3	1:146:A:GLN:HG2	13	4.9
(7,1994)	1:23:A:LEU:HB3	1:146:A:GLN:HG3	13	4.9
(1,1626)	1:21:A:THR:HB	1:24:A:ASP:HA	11	4.9
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	14	4.89
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	14	4.89
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	14	4.89
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	14	4.89
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	14	4.89
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	14	4.89
(19,23)	1:59:A:CYS:SG	1:123:A:CYS:CB	15	4.89
(19,14)	1:52:A:CYS:SG	1:123:A:CYS:CB	4	4.89
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD11	4	4.89
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD12	4	4.89
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD13	4	4.89
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD21	4	4.89
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD22	4	4.89
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD23	4	4.89
(9,2002)	1:17:A:ASN:HD21	1:79:A:THR:H	13	4.89
(9,2002)	1:17:A:ASN:HD22	1:79:A:THR:H	13	4.89
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	18	4.88
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	18	4.88
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	18	4.88
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	18	4.88
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	18	4.88
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	18	4.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(20,12)	1:59:A:CYS:SG	1:123:A:CYS:SG	6	4.88
(18,1439)	1:31:A:PRO:HD3	1:140:A:LEU:HG	1	4.88
(32,1709)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	13	4.87
(32,1709)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	13	4.87
(20,10)	1:56:A:CYS:SG	1:59:A:CYS:SG	12	4.87
(1,192)	1:68:A:LYS:HE2	1:93:A:GLU:H	3	4.87
(1,192)	1:68:A:LYS:HE3	1:93:A:GLU:H	3	4.87
(33,677)	1:20:A:THR:H	1:133:A:ASN:H	7	4.86
(19,3)	1:120:A:CYS:SG	1:123:A:CYS:CB	1	4.86
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG21	19	4.86
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG22	19	4.86
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG23	19	4.86
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG21	19	4.86
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG22	19	4.86
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG23	19	4.86
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG21	19	4.86
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG22	19	4.86
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG23	19	4.86
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG11	19	4.86
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG12	19	4.86
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG13	19	4.86
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG11	19	4.86
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG12	19	4.86
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG13	19	4.86
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG11	19	4.86
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG12	19	4.86
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG13	19	4.86
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG11	14	4.86
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG12	14	4.86
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG13	14	4.86
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG21	14	4.86
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG22	14	4.86
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG23	14	4.86
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD11	19	4.85
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD12	19	4.85
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD13	19	4.85
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD21	19	4.85
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD22	19	4.85
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD23	19	4.85
(29,2443)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	9	4.85
(29,2443)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	9	4.85
(29,2443)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	9	4.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2443)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	9	4.85
(29,2443)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	9	4.85
(29,2443)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	9	4.85
(29,2443)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	9	4.85
(29,2443)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	9	4.85
(29,2443)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	9	4.85
(29,2443)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	9	4.85
(29,2443)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	9	4.85
(29,2443)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	9	4.85
(19,8)	1:123:A:CYS:SG	1:59:A:CYS:CB	9	4.85
(19,1)	1:120:A:CYS:SG	1:56:A:CYS:CB	17	4.85
(15,2494)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	9	4.85
(15,2494)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	9	4.85
(15,2494)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	9	4.85
(15,2494)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	9	4.85
(15,2494)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	9	4.85
(15,2494)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	9	4.85
(15,2494)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	9	4.85
(15,2494)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	9	4.85
(15,2494)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	9	4.85
(15,2494)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	9	4.85
(15,2494)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	9	4.85
(15,2494)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	9	4.85
(9,2431)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	9	4.85
(9,2431)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	9	4.85
(9,2431)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	9	4.85
(9,2431)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	9	4.85
(9,2431)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	9	4.85
(9,2431)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	9	4.85
(9,2431)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	9	4.85
(9,2431)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	9	4.85
(9,2431)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	9	4.85
(9,2431)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	9	4.85
(9,2431)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	9	4.85
(9,2431)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	9	4.85
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	4	4.84
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	4	4.84
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	4	4.84
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	4	4.84
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	4	4.84
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	4	4.84
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	4	4.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	4	4.84
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	4	4.84
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	4	4.84
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	4	4.84
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	4	4.84
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	4	4.84
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	4	4.84
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	4	4.84
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	4	4.84
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	4	4.84
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	4	4.84
(20,12)	1:59:A:CYS:SG	1:123:A:CYS:SG	17	4.84
(19,17)	1:56:A:CYS:SG	1:120:A:CYS:CB	5	4.84
(19,17)	1:56:A:CYS:SG	1:120:A:CYS:CB	6	4.84
(19,8)	1:123:A:CYS:SG	1:59:A:CYS:CB	2	4.84
(19,8)	1:123:A:CYS:SG	1:59:A:CYS:CB	11	4.84
(17,1567)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	9	4.84
(17,1567)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	9	4.84
(17,1567)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	9	4.84
(17,1567)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	9	4.84
(17,1567)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	9	4.84
(17,1567)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	9	4.84
(17,1141)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	6	4.84
(17,1141)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	6	4.84
(17,1141)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	6	4.84
(17,1141)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	6	4.84
(17,1141)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	6	4.84
(17,1141)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	6	4.84
(16,2071)	1:32:A:GLY:HA2	1:81:A:GLU:H	6	4.84
(16,2071)	1:32:A:GLY:HA3	1:81:A:GLU:H	6	4.84
(1,913)	1:66:A:THR:HG21	1:95:A:ILE:HB	18	4.84
(1,913)	1:66:A:THR:HG22	1:95:A:ILE:HB	18	4.84
(1,913)	1:66:A:THR:HG23	1:95:A:ILE:HB	18	4.84
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	18	4.82
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	18	4.82
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	18	4.82
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	18	4.82
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD11	8	4.82
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD12	8	4.82
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD13	8	4.82
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD21	8	4.82
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD22	8	4.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD23	8	4.82
(32,1709)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	12	4.82
(32,1709)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	12	4.82
(19,4)	1:123:A:CYS:SG	1:120:A:CYS:CB	9	4.82
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB1	1	4.82
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB2	1	4.82
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB3	1	4.82
(3,2045)	1:17:A:ASN:HD21	1:79:A:THR:H	13	4.82
(3,2045)	1:17:A:ASN:HD22	1:79:A:THR:H	13	4.82
(33,2494)	1:144:A:LEU:HB2	1:147:A:ARG:HE	17	4.81
(33,2494)	1:144:A:LEU:HB3	1:147:A:ARG:HE	17	4.81
(33,1131)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	11	4.81
(33,1131)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	11	4.81
(33,1131)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	11	4.81
(33,1131)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	11	4.81
(33,1131)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	11	4.81
(33,1131)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	11	4.81
(18,2054)	1:30:A:LEU:HD11	1:136:A:CYS:HA	18	4.81
(18,2054)	1:30:A:LEU:HD12	1:136:A:CYS:HA	18	4.81
(18,2054)	1:30:A:LEU:HD13	1:136:A:CYS:HA	18	4.81
(18,2054)	1:30:A:LEU:HD21	1:136:A:CYS:HA	18	4.81
(18,2054)	1:30:A:LEU:HD22	1:136:A:CYS:HA	18	4.81
(18,2054)	1:30:A:LEU:HD23	1:136:A:CYS:HA	18	4.81
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG11	8	4.81
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG12	8	4.81
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG13	8	4.81
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG21	8	4.81
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG22	8	4.81
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG23	8	4.81
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG21	8	4.81
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG22	8	4.81
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG23	8	4.81
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG21	8	4.81
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG22	8	4.81
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG23	8	4.81
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG11	8	4.81
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG12	8	4.81
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG13	8	4.81
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG11	8	4.81
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG12	8	4.81
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG13	8	4.81
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG11	8	4.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG12	8	4.81
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG13	8	4.81
(5,1143)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	9	4.81
(5,1143)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	9	4.81
(5,1143)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	9	4.81
(5,1143)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	9	4.81
(5,1143)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	9	4.81
(5,1143)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	9	4.81
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD11	7	4.8
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD12	7	4.8
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD13	7	4.8
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD21	7	4.8
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD22	7	4.8
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD23	7	4.8
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	15	4.8
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	15	4.8
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	15	4.8
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	15	4.8
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB2	3	4.8
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB2	3	4.8
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB2	3	4.8
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB3	3	4.8
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB3	3	4.8
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB3	3	4.8
(29,1349)	1:17:A:ASN:HA	1:76:A:ARG:HA	17	4.8
(19,23)	1:59:A:CYS:SG	1:123:A:CYS:CB	4	4.8
(17,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	3	4.8
(11,843)	1:43:A:MET:HE1	1:144:A:LEU:HB2	3	4.8
(11,843)	1:43:A:MET:HE2	1:144:A:LEU:HB2	3	4.8
(11,843)	1:43:A:MET:HE3	1:144:A:LEU:HB2	3	4.8
(11,843)	1:43:A:MET:HE1	1:144:A:LEU:HB3	3	4.8
(11,843)	1:43:A:MET:HE2	1:144:A:LEU:HB3	3	4.8
(11,843)	1:43:A:MET:HE3	1:144:A:LEU:HB3	3	4.8
(3,861)	1:43:A:MET:HE1	1:144:A:LEU:HB2	9	4.8
(3,861)	1:43:A:MET:HE2	1:144:A:LEU:HB2	9	4.8
(3,861)	1:43:A:MET:HE3	1:144:A:LEU:HB2	9	4.8
(1,913)	1:66:A:THR:HG21	1:95:A:ILE:HB	8	4.8
(1,913)	1:66:A:THR:HG22	1:95:A:ILE:HB	8	4.8
(1,913)	1:66:A:THR:HG23	1:95:A:ILE:HB	8	4.8
(18,2054)	1:30:A:LEU:HD11	1:136:A:CYS:HA	14	4.79
(18,2054)	1:30:A:LEU:HD12	1:136:A:CYS:HA	14	4.79
(18,2054)	1:30:A:LEU:HD13	1:136:A:CYS:HA	14	4.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2054)	1:30:A:LEU:HD21	1:136:A:CYS:HA	14	4.79
(18,2054)	1:30:A:LEU:HD22	1:136:A:CYS:HA	14	4.79
(18,2054)	1:30:A:LEU:HD23	1:136:A:CYS:HA	14	4.79
(17,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	4	4.79
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG11	4	4.79
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG12	4	4.79
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG13	4	4.79
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG21	4	4.79
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG22	4	4.79
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG23	4	4.79
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG11	4	4.79
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG12	4	4.79
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG13	4	4.79
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG21	4	4.79
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG22	4	4.79
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG23	4	4.79
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG11	4	4.79
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG12	4	4.79
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG13	4	4.79
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG21	4	4.79
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG22	4	4.79
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG23	4	4.79
(1,1132)	1:31:A:PRO:HD2	1:143:A:TRP:HA	2	4.79
(34,1910)	1:18:A:PHE:HA	1:113:A:PHE:HE1	17	4.78
(34,1910)	1:18:A:PHE:HA	1:113:A:PHE:HE2	17	4.78
(20,7)	1:56:A:CYS:SG	1:120:A:CYS:SG	14	4.78
(19,4)	1:123:A:CYS:SG	1:120:A:CYS:CB	11	4.78
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG11	7	4.78
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG12	7	4.78
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG13	7	4.78
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG21	7	4.78
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG22	7	4.78
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG23	7	4.78
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB2	6	4.78
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB3	6	4.78
(33,712)	1:44:A:GLU:HG2	1:48:A:ARG:HE	7	4.77
(33,712)	1:44:A:GLU:HG3	1:48:A:ARG:HE	7	4.77
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD11	15	4.77
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD12	15	4.77
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD13	15	4.77
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD21	15	4.77
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD22	15	4.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD23	15	4.77
(30,709)	1:44:A:GLU:HG2	1:48:A:ARG:HE	7	4.77
(30,709)	1:44:A:GLU:HG3	1:48:A:ARG:HE	7	4.77
(19,8)	1:123:A:CYS:SG	1:59:A:CYS:CB	4	4.77
(11,714)	1:44:A:GLU:HG2	1:48:A:ARG:HE	7	4.77
(11,714)	1:44:A:GLU:HG3	1:48:A:ARG:HE	7	4.77
(9,708)	1:44:A:GLU:HG2	1:48:A:ARG:HE	7	4.77
(9,708)	1:44:A:GLU:HG3	1:48:A:ARG:HE	7	4.77
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG11	13	4.77
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG12	13	4.77
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG13	13	4.77
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG21	13	4.77
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG22	13	4.77
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG23	13	4.77
(6,707)	1:44:A:GLU:HG2	1:48:A:ARG:HE	7	4.77
(6,707)	1:44:A:GLU:HG3	1:48:A:ARG:HE	7	4.77
(3,863)	1:43:A:MET:HE1	1:144:A:LEU:HB3	3	4.77
(3,863)	1:43:A:MET:HE2	1:144:A:LEU:HB3	3	4.77
(3,863)	1:43:A:MET:HE3	1:144:A:LEU:HB3	3	4.77
(3,721)	1:44:A:GLU:HG2	1:48:A:ARG:HE	7	4.77
(3,721)	1:44:A:GLU:HG3	1:48:A:ARG:HE	7	4.77
(34,1041)	1:34:A:LYS:H	1:81:A:GLU:HB2	14	4.76
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD11	11	4.76
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD12	11	4.76
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD13	11	4.76
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD11	11	4.76
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD12	11	4.76
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD13	11	4.76
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD11	11	4.76
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD12	11	4.76
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD13	11	4.76
(16,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	18	4.76
(16,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	18	4.76
(16,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	18	4.76
(16,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	18	4.76
(16,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	18	4.76
(16,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	18	4.76
(16,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	18	4.76
(16,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	18	4.76
(16,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	18	4.76
(16,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	18	4.76
(16,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	18	4.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	18	4.76
(13,997)	1:34:A:LYS:H	1:81:A:GLU:HB2	14	4.76
(7,743)	1:43:A:MET:HE1	1:134:A:VAL:H	7	4.76
(7,743)	1:43:A:MET:HE2	1:134:A:VAL:H	7	4.76
(7,743)	1:43:A:MET:HE3	1:134:A:VAL:H	7	4.76
(4,740)	1:43:A:MET:HE1	1:134:A:VAL:H	7	4.76
(4,740)	1:43:A:MET:HE2	1:134:A:VAL:H	7	4.76
(4,740)	1:43:A:MET:HE3	1:134:A:VAL:H	7	4.76
(2,1008)	1:34:A:LYS:H	1:81:A:GLU:HB2	14	4.76
(2,841)	1:43:A:MET:HE1	1:144:A:LEU:HB2	19	4.76
(2,841)	1:43:A:MET:HE2	1:144:A:LEU:HB2	19	4.76
(2,841)	1:43:A:MET:HE3	1:144:A:LEU:HB2	19	4.76
(2,841)	1:43:A:MET:HE1	1:144:A:LEU:HB3	19	4.76
(2,841)	1:43:A:MET:HE2	1:144:A:LEU:HB3	19	4.76
(2,841)	1:43:A:MET:HE3	1:144:A:LEU:HB3	19	4.76
(33,1539)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	13	4.75
(33,1539)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	13	4.75
(33,1539)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	13	4.75
(33,1539)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	13	4.75
(33,1539)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	13	4.75
(33,1539)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	13	4.75
(19,1)	1:120:A:CYS:SG	1:56:A:CYS:CB	15	4.75
(18,1373)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	18	4.75
(18,1373)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	18	4.75
(18,1373)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	18	4.75
(18,1373)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	18	4.75
(18,1373)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	18	4.75
(18,1373)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	18	4.75
(16,1617)	1:31:A:PRO:HG2	1:80:A:TYR:HB3	16	4.75
(16,1617)	1:31:A:PRO:HG3	1:80:A:TYR:HB3	16	4.75
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG11	11	4.75
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG12	11	4.75
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG13	11	4.75
(13,829)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	16	4.75
(13,829)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	16	4.75
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	11	4.74
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	11	4.74
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	11	4.74
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	11	4.74
(20,1)	1:120:A:CYS:SG	1:123:A:CYS:SG	17	4.74
(17,2170)	1:43:A:MET:HE1	1:144:A:LEU:HB2	9	4.74
(17,2170)	1:43:A:MET:HE1	1:144:A:LEU:HB3	9	4.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2170)	1:43:A:MET:HE2	1:144:A:LEU:HB2	9	4.74
(17,2170)	1:43:A:MET:HE2	1:144:A:LEU:HB3	9	4.74
(17,2170)	1:43:A:MET:HE3	1:144:A:LEU:HB2	9	4.74
(17,2170)	1:43:A:MET:HE3	1:144:A:LEU:HB3	9	4.74
(17,1141)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	9	4.74
(17,1141)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	9	4.74
(17,1141)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	9	4.74
(17,1141)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	9	4.74
(17,1141)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	9	4.74
(17,1141)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	9	4.74
(16,2060)	1:30:A:LEU:HD11	1:79:A:THR:HB	11	4.74
(16,2060)	1:30:A:LEU:HD12	1:79:A:THR:HB	11	4.74
(16,2060)	1:30:A:LEU:HD13	1:79:A:THR:HB	11	4.74
(16,2060)	1:30:A:LEU:HD21	1:79:A:THR:HB	11	4.74
(16,2060)	1:30:A:LEU:HD22	1:79:A:THR:HB	11	4.74
(16,2060)	1:30:A:LEU:HD23	1:79:A:THR:HB	11	4.74
(9,2023)	1:23:A:LEU:HD11	1:147:A:ARG:H	10	4.74
(9,2023)	1:23:A:LEU:HD12	1:147:A:ARG:H	10	4.74
(9,2023)	1:23:A:LEU:HD13	1:147:A:ARG:H	10	4.74
(9,2023)	1:23:A:LEU:HD21	1:147:A:ARG:H	10	4.74
(9,2023)	1:23:A:LEU:HD22	1:147:A:ARG:H	10	4.74
(9,2023)	1:23:A:LEU:HD23	1:147:A:ARG:H	10	4.74
(19,4)	1:123:A:CYS:SG	1:120:A:CYS:CB	8	4.73
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG11	18	4.73
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG12	18	4.73
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG13	18	4.73
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG21	18	4.73
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG22	18	4.73
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG23	18	4.73
(7,1690)	1:21:A:THR:HG21	1:147:A:ARG:HE	2	4.73
(7,1690)	1:21:A:THR:HG22	1:147:A:ARG:HE	2	4.73
(7,1690)	1:21:A:THR:HG23	1:147:A:ARG:HE	2	4.73
(3,1143)	1:31:A:PRO:HD2	1:143:A:TRP:HA	2	4.73
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	12	4.72
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	12	4.72
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	12	4.72
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	12	4.72
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	12	4.72
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	12	4.72
(20,1)	1:120:A:CYS:SG	1:123:A:CYS:SG	4	4.72
(19,17)	1:56:A:CYS:SG	1:120:A:CYS:CB	3	4.72
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD11	3	4.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD12	3	4.72
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD13	3	4.72
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD11	3	4.72
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD12	3	4.72
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD13	3	4.72
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD11	3	4.72
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD12	3	4.72
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD13	3	4.72
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB2	7	4.72
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB3	7	4.72
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB2	7	4.72
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB3	7	4.72
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB2	7	4.72
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB3	7	4.72
(3,1875)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	18	4.72
(3,1875)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	18	4.72
(3,1875)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	18	4.72
(3,1875)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	18	4.72
(30,66)	1:33:A:LYS:HB2	1:81:A:GLU:H	9	4.71
(30,66)	1:33:A:LYS:HB3	1:81:A:GLU:H	9	4.71
(19,1)	1:120:A:CYS:SG	1:56:A:CYS:CB	1	4.71
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD11	9	4.71
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD12	9	4.71
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD13	9	4.71
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD21	9	4.71
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD22	9	4.71
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD23	9	4.71
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD11	9	4.71
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD12	9	4.71
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD13	9	4.71
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD21	9	4.71
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD22	9	4.71
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD23	9	4.71
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD11	9	4.71
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD12	9	4.71
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD13	9	4.71
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD21	9	4.71
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD22	9	4.71
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD23	9	4.71
(15,70)	1:33:A:LYS:HB2	1:81:A:GLU:H	9	4.71
(15,70)	1:33:A:LYS:HB3	1:81:A:GLU:H	9	4.71
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	12	4.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	12	4.71
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	12	4.71
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	12	4.71
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD11	19	4.71
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD12	19	4.71
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD13	19	4.71
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD21	19	4.71
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD22	19	4.71
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD23	19	4.71
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD11	19	4.71
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD12	19	4.71
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD13	19	4.71
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD21	19	4.71
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD22	19	4.71
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD23	19	4.71
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD11	19	4.71
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD12	19	4.71
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD13	19	4.71
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD21	19	4.71
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD22	19	4.71
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD23	19	4.71
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD11	16	4.71
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD12	16	4.71
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD13	16	4.71
(2,2077)	1:31:A:PRO:HD2	1:143:A:TRP:HA	1	4.71
(2,2077)	1:31:A:PRO:HD3	1:143:A:TRP:HA	1	4.71
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG11	4	4.71
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG12	4	4.71
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG13	4	4.71
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG21	4	4.71
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG22	4	4.71
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG23	4	4.71
(1,1132)	1:31:A:PRO:HD2	1:143:A:TRP:HA	15	4.71
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB2	11	4.71
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB3	11	4.71
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB2	11	4.71
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB3	11	4.71
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD11	13	4.7
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD12	13	4.7
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD13	13	4.7
(33,1620)	1:31:A:PRO:HG2	1:80:A:TYR:HB3	16	4.7
(33,1620)	1:31:A:PRO:HG3	1:80:A:TYR:HB3	16	4.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,697)	1:10:A:ASN:HD22	1:14:A:VAL:HB	3	4.7
(32,2035)	1:30:A:LEU:HD11	1:143:A:TRP:HH2	17	4.7
(32,2035)	1:30:A:LEU:HD12	1:143:A:TRP:HH2	17	4.7
(32,2035)	1:30:A:LEU:HD13	1:143:A:TRP:HH2	17	4.7
(32,2035)	1:30:A:LEU:HD21	1:143:A:TRP:HH2	17	4.7
(32,2035)	1:30:A:LEU:HD22	1:143:A:TRP:HH2	17	4.7
(32,2035)	1:30:A:LEU:HD23	1:143:A:TRP:HH2	17	4.7
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	11	4.7
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	11	4.7
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	11	4.7
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	11	4.7
(16,706)	1:10:A:ASN:HD22	1:14:A:VAL:HB	3	4.7
(13,684)	1:10:A:ASN:HD22	1:14:A:VAL:HB	3	4.7
(7,694)	1:10:A:ASN:HD22	1:14:A:VAL:HB	3	4.7
(5,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	3	4.7
(1,707)	1:10:A:ASN:HD22	1:14:A:VAL:HB	3	4.7
(33,697)	1:10:A:ASN:HD22	1:14:A:VAL:HB	4	4.69
(29,2440)	1:144:A:LEU:HB2	1:147:A:ARG:HE	17	4.69
(29,2440)	1:144:A:LEU:HB3	1:147:A:ARG:HE	17	4.69
(20,12)	1:59:A:CYS:SG	1:123:A:CYS:SG	1	4.69
(18,908)	1:67:A:PRO:HD3	1:95:A:ILE:HB	7	4.69
(16,706)	1:10:A:ASN:HD22	1:14:A:VAL:HB	4	4.69
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG2	18	4.69
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG3	18	4.69
(13,684)	1:10:A:ASN:HD22	1:14:A:VAL:HB	4	4.69
(7,694)	1:10:A:ASN:HD22	1:14:A:VAL:HB	4	4.69
(5,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	4	4.69
(1,707)	1:10:A:ASN:HD22	1:14:A:VAL:HB	4	4.69
(33,677)	1:20:A:THR:H	1:133:A:ASN:H	10	4.68
(19,8)	1:123:A:CYS:SG	1:59:A:CYS:CB	7	4.68
(18,1373)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	6	4.68
(18,1373)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	6	4.68
(18,1373)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	6	4.68
(18,1373)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	6	4.68
(18,1373)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	6	4.68
(18,1373)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	6	4.68
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD2	12	4.68
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD3	12	4.68
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD2	12	4.68
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD3	12	4.68
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD2	12	4.68
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD3	12	4.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1462)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	19	4.68
(2,1462)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	19	4.68
(2,1462)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	19	4.68
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB2	7	4.67
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB3	7	4.67
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG11	7	4.67
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG12	7	4.67
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG13	7	4.67
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG21	7	4.67
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG22	7	4.67
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG23	7	4.67
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE1	13	4.67
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE2	13	4.67
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE3	13	4.67
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE1	13	4.67
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE2	13	4.67
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE3	13	4.67
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG11	7	4.67
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG12	7	4.67
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG13	7	4.67
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG21	7	4.67
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG22	7	4.67
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG23	7	4.67
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG11	7	4.67
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG12	7	4.67
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG13	7	4.67
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG21	7	4.67
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG22	7	4.67
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG23	7	4.67
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG11	7	4.67
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG12	7	4.67
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG13	7	4.67
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG21	7	4.67
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG22	7	4.67
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG23	7	4.67
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE1	13	4.67
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE2	13	4.67
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE3	13	4.67
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE1	13	4.67
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE2	13	4.67
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE3	13	4.67
(33,677)	1:20:A:THR:H	1:133:A:ASN:H	5	4.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2034)	1:30:A:LEU:HD11	1:143:A:TRP:HZ3	17	4.66
(32,2034)	1:30:A:LEU:HD12	1:143:A:TRP:HZ3	17	4.66
(32,2034)	1:30:A:LEU:HD13	1:143:A:TRP:HZ3	17	4.66
(32,2034)	1:30:A:LEU:HD21	1:143:A:TRP:HZ3	17	4.66
(32,2034)	1:30:A:LEU:HD22	1:143:A:TRP:HZ3	17	4.66
(32,2034)	1:30:A:LEU:HD23	1:143:A:TRP:HZ3	17	4.66
(20,7)	1:56:A:CYS:SG	1:120:A:CYS:SG	6	4.66
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	5	4.66
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	5	4.66
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	5	4.66
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	5	4.66
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	5	4.66
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	5	4.66
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	5	4.66
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	5	4.66
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	5	4.66
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG2	11	4.66
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG3	11	4.66
(19,3)	1:120:A:CYS:SG	1:123:A:CYS:CB	7	4.65
(16,2059)	1:30:A:LEU:HD11	1:79:A:THR:HA	19	4.65
(16,2059)	1:30:A:LEU:HD12	1:79:A:THR:HA	19	4.65
(16,2059)	1:30:A:LEU:HD13	1:79:A:THR:HA	19	4.65
(16,2059)	1:30:A:LEU:HD21	1:79:A:THR:HA	19	4.65
(16,2059)	1:30:A:LEU:HD22	1:79:A:THR:HA	19	4.65
(16,2059)	1:30:A:LEU:HD23	1:79:A:THR:HA	19	4.65
(3,1143)	1:31:A:PRO:HD2	1:143:A:TRP:HA	15	4.65
(32,2033)	1:30:A:LEU:HD11	1:143:A:TRP:HE3	10	4.64
(32,2033)	1:30:A:LEU:HD12	1:143:A:TRP:HE3	10	4.64
(32,2033)	1:30:A:LEU:HD13	1:143:A:TRP:HE3	10	4.64
(32,2033)	1:30:A:LEU:HD21	1:143:A:TRP:HE3	10	4.64
(32,2033)	1:30:A:LEU:HD22	1:143:A:TRP:HE3	10	4.64
(32,2033)	1:30:A:LEU:HD23	1:143:A:TRP:HE3	10	4.64
(32,1830)	1:18:A:PHE:HA	1:113:A:PHE:HE1	17	4.64
(32,1830)	1:18:A:PHE:HA	1:113:A:PHE:HE2	17	4.64
(29,1882)	1:18:A:PHE:HA	1:113:A:PHE:HE1	17	4.64
(29,1882)	1:18:A:PHE:HA	1:113:A:PHE:HE2	17	4.64
(20,2)	1:123:A:CYS:SG	1:127:A:CYS:SG	13	4.64
(19,3)	1:120:A:CYS:SG	1:123:A:CYS:CB	11	4.64
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD11	10	4.64
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD12	10	4.64
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD13	10	4.64
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD21	10	4.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD22	10	4.64
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD23	10	4.64
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE1	3	4.64
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE2	3	4.64
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE3	3	4.64
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG2	11	4.64
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG3	11	4.64
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG11	8	4.64
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG12	8	4.64
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG13	8	4.64
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG21	8	4.64
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG22	8	4.64
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG23	8	4.64
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD21	16	4.64
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD22	16	4.64
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD23	16	4.64
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	12	4.64
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	12	4.64
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	12	4.64
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	12	4.64
(33,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB2	18	4.63
(33,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB2	18	4.63
(33,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB2	18	4.63
(33,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB2	18	4.63
(33,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB2	18	4.63
(33,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB2	18	4.63
(33,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB3	18	4.63
(33,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB3	18	4.63
(33,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB3	18	4.63
(33,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB3	18	4.63
(33,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB3	18	4.63
(33,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB3	18	4.63
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	6	4.63
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	6	4.63
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	6	4.63
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	6	4.63
(20,4)	1:52:A:CYS:SG	1:123:A:CYS:SG	10	4.63
(16,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB2	18	4.63
(16,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB2	18	4.63
(16,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB2	18	4.63
(16,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB2	18	4.63
(16,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB2	18	4.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB2	18	4.63
(16,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB3	18	4.63
(16,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB3	18	4.63
(16,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB3	18	4.63
(16,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB3	18	4.63
(16,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB3	18	4.63
(16,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB3	18	4.63
(13,829)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	8	4.63
(13,829)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	8	4.63
(29,709)	1:144:A:LEU:HD11	1:147:A:ARG:HE	17	4.62
(29,709)	1:144:A:LEU:HD12	1:147:A:ARG:HE	17	4.62
(29,709)	1:144:A:LEU:HD13	1:147:A:ARG:HE	17	4.62
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD11	15	4.62
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD12	15	4.62
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD13	15	4.62
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD11	15	4.62
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD12	15	4.62
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD13	15	4.62
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD11	15	4.62
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD12	15	4.62
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD13	15	4.62
(16,1716)	1:21:A:THR:HG21	1:147:A:ARG:HE	12	4.62
(16,1716)	1:21:A:THR:HG22	1:147:A:ARG:HE	12	4.62
(16,1716)	1:21:A:THR:HG23	1:147:A:ARG:HE	12	4.62
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD21	4	4.62
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD22	4	4.62
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD23	4	4.62
(15,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	17	4.62
(15,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	17	4.62
(15,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	17	4.62
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG11	14	4.62
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG12	14	4.62
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG13	14	4.62
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG21	14	4.62
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG22	14	4.62
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG23	14	4.62
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG11	14	4.62
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG12	14	4.62
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG13	14	4.62
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG21	14	4.62
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG22	14	4.62
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG23	14	4.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG11	14	4.62
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG12	14	4.62
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG13	14	4.62
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG21	14	4.62
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG22	14	4.62
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG23	14	4.62
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE1	6	4.61
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE2	6	4.61
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE3	6	4.61
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE1	6	4.61
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE2	6	4.61
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE3	6	4.61
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD2	15	4.61
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD3	15	4.61
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD2	15	4.61
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD3	15	4.61
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD2	15	4.61
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD3	15	4.61
(30,1096)	1:31:A:PRO:HG2	1:143:A:TRP:HA	3	4.6
(30,1096)	1:31:A:PRO:HG3	1:143:A:TRP:HA	3	4.6
(16,1698)	1:27:A:ARG:HA	1:31:A:PRO:HD2	6	4.6
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	2	4.6
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	2	4.6
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	2	4.6
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	2	4.6
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	2	4.6
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	2	4.6
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	2	4.6
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	2	4.6
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	2	4.6
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE1	4	4.6
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE2	4	4.6
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE3	4	4.6
(13,1596)	1:12:A:VAL:HA	1:80:A:TYR:HB3	9	4.6
(5,748)	1:43:A:MET:HE1	1:147:A:ARG:HE	14	4.6
(5,748)	1:43:A:MET:HE2	1:147:A:ARG:HE	14	4.6
(5,748)	1:43:A:MET:HE3	1:147:A:ARG:HE	14	4.6
(2,2077)	1:31:A:PRO:HD2	1:143:A:TRP:HA	19	4.6
(2,2077)	1:31:A:PRO:HD3	1:143:A:TRP:HA	19	4.6
(2,1645)	1:12:A:VAL:HA	1:80:A:TYR:HB3	9	4.6
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG21	12	4.6
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG22	12	4.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG23	12	4.6
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG21	12	4.6
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG22	12	4.6
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG23	12	4.6
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG21	12	4.6
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG22	12	4.6
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG23	12	4.6
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG11	12	4.6
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG12	12	4.6
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG13	12	4.6
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG11	12	4.6
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG12	12	4.6
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG13	12	4.6
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG11	12	4.6
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG12	12	4.6
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG13	12	4.6
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB2	5	4.6
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB3	5	4.6
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB2	5	4.6
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB3	5	4.6
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB2	14	4.59
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB3	14	4.59
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB2	14	4.59
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB3	14	4.59
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB2	14	4.59
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB3	14	4.59
(7,1688)	1:20:A:THR:HG21	1:134:A:VAL:HB	17	4.59
(7,1688)	1:20:A:THR:HG22	1:134:A:VAL:HB	17	4.59
(7,1688)	1:20:A:THR:HG23	1:134:A:VAL:HB	17	4.59
(7,998)	1:34:A:LYS:H	1:81:A:GLU:HB2	14	4.59
(30,1096)	1:31:A:PRO:HG2	1:143:A:TRP:HA	19	4.58
(30,1096)	1:31:A:PRO:HG3	1:143:A:TRP:HA	19	4.58
(19,17)	1:56:A:CYS:SG	1:120:A:CYS:CB	16	4.58
(19,6)	1:123:A:CYS:SG	1:52:A:CYS:CB	3	4.58
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG11	14	4.58
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG12	14	4.58
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG13	14	4.58
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG21	14	4.58
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG22	14	4.58
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG23	14	4.58
(5,1561)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	17	4.58
(5,1561)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	17	4.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1561)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	17	4.58
(5,1561)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	17	4.58
(5,1561)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	17	4.58
(5,1561)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	17	4.58
(2,1095)	1:31:A:PRO:HG2	1:143:A:TRP:HA	3	4.58
(2,1095)	1:31:A:PRO:HG3	1:143:A:TRP:HA	3	4.58
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE1	3	4.57
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE2	3	4.57
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE3	3	4.57
(19,6)	1:123:A:CYS:SG	1:52:A:CYS:CB	5	4.57
(17,556)	1:10:A:ASN:HD21	1:14:A:VAL:HB	4	4.57
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG2	17	4.57
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG3	17	4.57
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG2	17	4.57
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG3	17	4.57
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG2	17	4.57
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG3	17	4.57
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD21	9	4.57
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD22	9	4.57
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD23	9	4.57
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD21	9	4.57
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD22	9	4.57
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD23	9	4.57
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD21	9	4.57
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD22	9	4.57
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD23	9	4.57
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG11	19	4.57
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG12	19	4.57
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG13	19	4.57
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG21	19	4.57
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG22	19	4.57
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG23	19	4.57
(1,913)	1:66:A:THR:HG21	1:95:A:ILE:HB	14	4.57
(1,913)	1:66:A:THR:HG22	1:95:A:ILE:HB	14	4.57
(1,913)	1:66:A:THR:HG23	1:95:A:ILE:HB	14	4.57
(33,1616)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	4	4.56
(33,1616)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	4	4.56
(32,2035)	1:30:A:LEU:HD11	1:143:A:TRP:HH2	10	4.56
(32,2035)	1:30:A:LEU:HD12	1:143:A:TRP:HH2	10	4.56
(32,2035)	1:30:A:LEU:HD13	1:143:A:TRP:HH2	10	4.56
(32,2035)	1:30:A:LEU:HD21	1:143:A:TRP:HH2	10	4.56
(32,2035)	1:30:A:LEU:HD22	1:143:A:TRP:HH2	10	4.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2035)	1:30:A:LEU:HD23	1:143:A:TRP:HH2	10	4.56
(19,1)	1:120:A:CYS:SG	1:56:A:CYS:CB	7	4.56
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	18	4.56
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	18	4.56
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	18	4.56
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	18	4.56
(16,1613)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	4	4.56
(16,1613)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	4	4.56
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG2	6	4.56
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG3	6	4.56
(11,1657)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	4	4.56
(11,1657)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	4	4.56
(7,742)	1:20:A:THR:HB	1:134:A:VAL:H	17	4.56
(3,1656)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	4	4.56
(3,1656)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	4	4.56
(2,1095)	1:31:A:PRO:HG2	1:143:A:TRP:HA	19	4.56
(2,1095)	1:31:A:PRO:HG3	1:143:A:TRP:HA	19	4.56
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG11	18	4.56
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG12	18	4.56
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG13	18	4.56
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG21	18	4.56
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG22	18	4.56
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG23	18	4.56
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG11	18	4.56
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG12	18	4.56
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG13	18	4.56
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG21	18	4.56
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG22	18	4.56
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG23	18	4.56
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG11	18	4.56
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG12	18	4.56
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG13	18	4.56
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG21	18	4.56
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG22	18	4.56
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG23	18	4.56
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	6	4.55
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	6	4.55
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	6	4.55
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	6	4.55
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	6	4.55
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	6	4.55
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	6	4.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	6	4.55
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	6	4.55
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	6	4.55
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	6	4.55
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	6	4.55
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	6	4.55
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	6	4.55
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	6	4.55
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	6	4.55
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	6	4.55
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	6	4.55
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	6	4.55
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	6	4.55
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	6	4.55
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	6	4.55
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	6	4.55
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	6	4.55
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	6	4.55
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	6	4.55
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	6	4.55
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	6	4.55
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	6	4.55
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	6	4.55
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	6	4.55
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	6	4.55
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	6	4.55
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	6	4.55
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	6	4.55
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	6	4.55
(19,6)	1:123:A:CYS:SG	1:52:A:CYS:CB	1	4.55
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	6	4.55
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	6	4.55
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	6	4.55
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	6	4.55
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	6	4.55
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	6	4.55
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	6	4.55
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	6	4.55
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	6	4.55
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	6	4.55
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	6	4.55
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	6	4.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	6	4.55
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	6	4.55
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	6	4.55
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	6	4.55
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	6	4.55
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	6	4.55
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	6	4.55
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	6	4.55
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	6	4.55
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	6	4.55
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	6	4.55
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	6	4.55
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	6	4.55
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	6	4.55
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	6	4.55
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	6	4.55
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	6	4.55
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	6	4.55
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	6	4.55
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	6	4.55
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	6	4.55
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	6	4.55
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	6	4.55
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	6	4.55
(16,1698)	1:27:A:ARG:HA	1:31:A:PRO:HD2	14	4.55
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	6	4.55
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	6	4.55
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	6	4.55
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	6	4.55
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	6	4.55
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	6	4.55
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	6	4.55
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	6	4.55
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	6	4.55
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	6	4.55
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	6	4.55
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	6	4.55
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	6	4.55
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	6	4.55
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	6	4.55
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	6	4.55
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	6	4.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	6	4.55
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE1	7	4.55
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE2	7	4.55
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE3	7	4.55
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG11	12	4.55
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG12	12	4.55
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG13	12	4.55
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD11	11	4.55
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD12	11	4.55
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD13	11	4.55
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD11	11	4.55
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD12	11	4.55
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD13	11	4.55
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD11	11	4.55
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD12	11	4.55
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD13	11	4.55
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB2	7	4.55
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB3	7	4.55
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD11	5	4.55
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD12	5	4.55
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD13	5	4.55
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD21	5	4.55
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD22	5	4.55
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD23	5	4.55
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	6	4.55
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	6	4.55
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	6	4.55
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	6	4.55
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	6	4.55
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	6	4.55
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	6	4.55
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	6	4.55
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	6	4.55
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	6	4.55
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	6	4.55
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	6	4.55
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	6	4.55
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	6	4.55
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	6	4.55
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	6	4.55
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	6	4.55
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	6	4.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1132)	1:31:A:PRO:HD2	1:143:A:TRP:HA	13	4.55
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD11	14	4.54
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD12	14	4.54
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD13	14	4.54
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD21	14	4.54
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD22	14	4.54
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD23	14	4.54
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD11	14	4.54
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD12	14	4.54
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD13	14	4.54
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD21	14	4.54
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD22	14	4.54
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD23	14	4.54
(19,17)	1:56:A:CYS:SG	1:120:A:CYS:CB	13	4.54
(16,2059)	1:30:A:LEU:HD11	1:79:A:THR:HA	15	4.54
(16,2059)	1:30:A:LEU:HD12	1:79:A:THR:HA	15	4.54
(16,2059)	1:30:A:LEU:HD13	1:79:A:THR:HA	15	4.54
(16,2059)	1:30:A:LEU:HD21	1:79:A:THR:HA	15	4.54
(16,2059)	1:30:A:LEU:HD22	1:79:A:THR:HA	15	4.54
(16,2059)	1:30:A:LEU:HD23	1:79:A:THR:HA	15	4.54
(7,742)	1:20:A:THR:HB	1:134:A:VAL:H	9	4.54
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD11	11	4.54
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD12	11	4.54
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD13	11	4.54
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD11	11	4.54
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD12	11	4.54
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD13	11	4.54
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD11	11	4.54
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD12	11	4.54
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD13	11	4.54
(2,1458)	1:30:A:LEU:HB2	1:145:A:PRO:HD2	2	4.54
(2,1458)	1:30:A:LEU:HB3	1:145:A:PRO:HD2	2	4.54
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD11	6	4.53
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD12	6	4.53
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD13	6	4.53
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD21	6	4.53
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD22	6	4.53
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD23	6	4.53
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD21	9	4.53
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD22	9	4.53
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD23	9	4.53
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD21	9	4.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD22	9	4.53
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD23	9	4.53
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD21	9	4.53
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD22	9	4.53
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD23	9	4.53
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD11	6	4.53
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD12	6	4.53
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD13	6	4.53
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD21	6	4.53
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD22	6	4.53
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD23	6	4.53
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD11	6	4.53
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD12	6	4.53
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD13	6	4.53
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD21	6	4.53
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD22	6	4.53
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD23	6	4.53
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD11	6	4.53
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD12	6	4.53
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD13	6	4.53
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD21	6	4.53
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD22	6	4.53
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD23	6	4.53
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD11	6	4.53
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD12	6	4.53
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD13	6	4.53
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD21	6	4.53
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD22	6	4.53
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD23	6	4.53
(2,841)	1:43:A:MET:HE1	1:144:A:LEU:HB2	3	4.53
(2,841)	1:43:A:MET:HE2	1:144:A:LEU:HB2	3	4.53
(2,841)	1:43:A:MET:HE3	1:144:A:LEU:HB2	3	4.53
(2,841)	1:43:A:MET:HE1	1:144:A:LEU:HB3	3	4.53
(2,841)	1:43:A:MET:HE2	1:144:A:LEU:HB3	3	4.53
(2,841)	1:43:A:MET:HE3	1:144:A:LEU:HB3	3	4.53
(1,1132)	1:31:A:PRO:HD2	1:143:A:TRP:HA	12	4.53
(32,2033)	1:30:A:LEU:HD11	1:143:A:TRP:HE3	8	4.52
(32,2033)	1:30:A:LEU:HD12	1:143:A:TRP:HE3	8	4.52
(32,2033)	1:30:A:LEU:HD13	1:143:A:TRP:HE3	8	4.52
(32,2033)	1:30:A:LEU:HD21	1:143:A:TRP:HE3	8	4.52
(32,2033)	1:30:A:LEU:HD22	1:143:A:TRP:HE3	8	4.52
(32,2033)	1:30:A:LEU:HD23	1:143:A:TRP:HE3	8	4.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD11	6	4.52
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD12	6	4.52
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD13	6	4.52
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD21	6	4.52
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD22	6	4.52
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD23	6	4.52
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD11	6	4.52
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD12	6	4.52
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD13	6	4.52
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD21	6	4.52
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD22	6	4.52
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD23	6	4.52
(32,1418)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	2	4.52
(32,1418)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	2	4.52
(32,1188)	1:33:A:LYS:HB2	1:81:A:GLU:HA	1	4.52
(32,1188)	1:33:A:LYS:HB3	1:81:A:GLU:HA	1	4.52
(30,2060)	1:31:A:PRO:HD2	1:143:A:TRP:HA	1	4.52
(30,2060)	1:31:A:PRO:HD3	1:143:A:TRP:HA	1	4.52
(30,1217)	1:33:A:LYS:HB2	1:81:A:GLU:HA	1	4.52
(30,1217)	1:33:A:LYS:HB3	1:81:A:GLU:HA	1	4.52
(3,2044)	1:17:A:ASN:HD21	1:78:A:HIS:H	19	4.52
(3,2044)	1:17:A:ASN:HD22	1:78:A:HIS:H	19	4.52
(32,1709)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	5	4.51
(32,1709)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	5	4.51
(20,12)	1:59:A:CYS:SG	1:123:A:CYS:SG	16	4.51
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	7	4.51
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	7	4.51
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	7	4.51
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD21	7	4.51
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD22	7	4.51
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD23	7	4.51
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	7	4.51
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	7	4.51
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	7	4.51
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD21	7	4.51
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD22	7	4.51
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD23	7	4.51
(18,1684)	1:43:A:MET:HE1	1:131:A:LEU:HB3	18	4.51
(18,1684)	1:43:A:MET:HE2	1:131:A:LEU:HB3	18	4.51
(18,1684)	1:43:A:MET:HE3	1:131:A:LEU:HB3	18	4.51
(17,1567)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	17	4.51
(17,1567)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	17	4.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1567)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	17	4.51
(17,1567)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	17	4.51
(17,1567)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	17	4.51
(17,1567)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	17	4.51
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE1	17	4.51
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE2	17	4.51
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE3	17	4.51
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE1	17	4.51
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE2	17	4.51
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE3	17	4.51
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE1	9	4.51
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE2	9	4.51
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE3	9	4.51
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD11	3	4.51
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD12	3	4.51
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD13	3	4.51
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD11	3	4.51
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD12	3	4.51
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD13	3	4.51
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD11	3	4.51
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD12	3	4.51
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD13	3	4.51
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD2	14	4.51
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD3	14	4.51
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD2	14	4.51
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD3	14	4.51
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD2	14	4.51
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD3	14	4.51
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE1	19	4.5
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE2	19	4.5
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE3	19	4.5
(33,935)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	14	4.5
(33,935)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	14	4.5
(33,935)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	14	4.5
(33,935)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	14	4.5
(32,1709)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	10	4.5
(32,1709)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	10	4.5
(32,1312)	1:17:A:ASN:HA	1:76:A:ARG:HA	17	4.5
(32,902)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	14	4.5
(32,902)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	14	4.5
(32,902)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	14	4.5
(32,902)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	14	4.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,926)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	14	4.5
(30,926)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	14	4.5
(30,926)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	14	4.5
(30,926)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	14	4.5
(29,940)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	14	4.5
(29,940)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	14	4.5
(29,940)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	14	4.5
(29,940)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	14	4.5
(19,6)	1:123:A:CYS:SG	1:52:A:CYS:CB	17	4.5
(15,1343)	1:17:A:ASN:HA	1:76:A:ARG:HA	17	4.5
(13,911)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	14	4.5
(13,911)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	14	4.5
(13,911)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	14	4.5
(13,911)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	14	4.5
(7,919)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	14	4.5
(7,919)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	14	4.5
(7,919)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	14	4.5
(7,919)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	14	4.5
(5,2146)	1:43:A:MET:HE1	1:144:A:LEU:HB2	9	4.5
(5,2146)	1:43:A:MET:HE1	1:144:A:LEU:HB3	9	4.5
(5,2146)	1:43:A:MET:HE2	1:144:A:LEU:HB2	9	4.5
(5,2146)	1:43:A:MET:HE2	1:144:A:LEU:HB3	9	4.5
(5,2146)	1:43:A:MET:HE3	1:144:A:LEU:HB2	9	4.5
(5,2146)	1:43:A:MET:HE3	1:144:A:LEU:HB3	9	4.5
(5,932)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	14	4.5
(5,932)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	14	4.5
(5,932)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	14	4.5
(5,932)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	14	4.5
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD11	3	4.5
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD12	3	4.5
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD13	3	4.5
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD11	3	4.5
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD12	3	4.5
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD13	3	4.5
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD11	3	4.5
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD12	3	4.5
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD13	3	4.5
(2,919)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	14	4.5
(2,919)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	14	4.5
(2,919)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	14	4.5
(2,919)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	14	4.5
(1,952)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	14	4.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,952)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	14	4.5
(1,952)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	14	4.5
(1,952)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	14	4.5
(33,1131)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	3	4.49
(33,1131)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	3	4.49
(33,1131)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	3	4.49
(33,1131)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	3	4.49
(33,1131)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	3	4.49
(33,1131)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	3	4.49
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE1	8	4.49
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE2	8	4.49
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE3	8	4.49
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE1	8	4.49
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE2	8	4.49
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE3	8	4.49
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG21	4	4.49
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG22	4	4.49
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG23	4	4.49
(9,750)	1:43:A:MET:HE1	1:134:A:VAL:H	7	4.49
(9,750)	1:43:A:MET:HE2	1:134:A:VAL:H	7	4.49
(9,750)	1:43:A:MET:HE3	1:134:A:VAL:H	7	4.49
(3,1143)	1:31:A:PRO:HD2	1:143:A:TRP:HA	13	4.49
(3,861)	1:43:A:MET:HE1	1:144:A:LEU:HB2	19	4.49
(3,861)	1:43:A:MET:HE2	1:144:A:LEU:HB2	19	4.49
(3,861)	1:43:A:MET:HE3	1:144:A:LEU:HB2	19	4.49
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD11	5	4.48
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD12	5	4.48
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD13	5	4.48
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD21	5	4.48
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD22	5	4.48
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD23	5	4.48
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	12	4.48
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	12	4.48
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	12	4.48
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	12	4.48
(29,1027)	1:34:A:LYS:H	1:81:A:GLU:HB2	14	4.48
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD11	5	4.48
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD12	5	4.48
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD13	5	4.48
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD21	5	4.48
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD22	5	4.48
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD23	5	4.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1019)	1:34:A:LYS:H	1:81:A:GLU:HB2	14	4.48
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD11	5	4.48
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD12	5	4.48
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD13	5	4.48
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD21	5	4.48
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD22	5	4.48
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD23	5	4.48
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD11	5	4.48
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD12	5	4.48
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD13	5	4.48
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD21	5	4.48
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD22	5	4.48
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD23	5	4.48
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG2	3	4.48
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG3	3	4.48
(11,1025)	1:34:A:LYS:H	1:81:A:GLU:HB2	14	4.48
(5,1143)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	11	4.48
(5,1143)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	11	4.48
(5,1143)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	11	4.48
(5,1143)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	11	4.48
(5,1143)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	11	4.48
(5,1143)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	11	4.48
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD11	5	4.48
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD12	5	4.48
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD13	5	4.48
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD21	5	4.48
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD22	5	4.48
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD23	5	4.48
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD11	6	4.48
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD12	6	4.48
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD13	6	4.48
(33,558)	1:10:A:ASN:HD21	1:14:A:VAL:HB	4	4.47
(20,2)	1:123:A:CYS:SG	1:127:A:CYS:SG	6	4.47
(17,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	8	4.47
(16,1698)	1:27:A:ARG:HA	1:31:A:PRO:HD2	13	4.47
(16,566)	1:10:A:ASN:HD21	1:14:A:VAL:HB	4	4.47
(13,555)	1:10:A:ASN:HD21	1:14:A:VAL:HB	4	4.47
(9,2001)	1:17:A:ASN:HD21	1:78:A:HIS:H	19	4.47
(9,2001)	1:17:A:ASN:HD22	1:78:A:HIS:H	19	4.47
(7,560)	1:10:A:ASN:HD21	1:14:A:VAL:HB	4	4.47
(6,2028)	1:17:A:ASN:HD21	1:78:A:HIS:H	19	4.47
(6,2028)	1:17:A:ASN:HD22	1:78:A:HIS:H	19	4.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1727)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	7	4.47
(5,1727)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	7	4.47
(5,1727)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	7	4.47
(5,555)	1:10:A:ASN:HD21	1:14:A:VAL:HB	4	4.47
(3,1143)	1:31:A:PRO:HD2	1:143:A:TRP:HA	12	4.47
(1,1626)	1:21:A:THR:HB	1:24:A:ASP:HA	3	4.47
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG2	9	4.47
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG3	9	4.47
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG2	9	4.47
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG3	9	4.47
(1,913)	1:66:A:THR:HG21	1:95:A:ILE:HB	1	4.47
(1,913)	1:66:A:THR:HG22	1:95:A:ILE:HB	1	4.47
(1,913)	1:66:A:THR:HG23	1:95:A:ILE:HB	1	4.47
(1,564)	1:10:A:ASN:HD21	1:14:A:VAL:HB	4	4.47
(20,7)	1:56:A:CYS:SG	1:120:A:CYS:SG	9	4.46
(19,3)	1:120:A:CYS:SG	1:123:A:CYS:CB	19	4.46
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG21	3	4.46
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG22	3	4.46
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG23	3	4.46
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB1	2	4.46
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB2	2	4.46
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB3	2	4.46
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB1	2	4.46
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB2	2	4.46
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB3	2	4.46
(3,1122)	1:31:A:PRO:HG2	1:143:A:TRP:HA	2	4.46
(3,1122)	1:31:A:PRO:HG3	1:143:A:TRP:HA	2	4.46
(3,992)	1:31:A:PRO:HB2	1:143:A:TRP:HA	13	4.46
(3,992)	1:31:A:PRO:HB3	1:143:A:TRP:HA	13	4.46
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB1	2	4.46
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB2	2	4.46
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB3	2	4.46
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG2	8	4.46
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG3	8	4.46
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG2	8	4.46
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG3	8	4.46
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG2	18	4.45
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG3	18	4.45
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	7	4.45
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	7	4.45
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	7	4.45
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	7	4.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1539)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	3	4.45
(33,1539)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	3	4.45
(33,1539)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	3	4.45
(33,1539)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	3	4.45
(33,1539)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	3	4.45
(33,1539)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	3	4.45
(29,720)	1:44:A:GLU:HG3	1:48:A:ARG:HE	7	4.45
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG2	18	4.45
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG3	18	4.45
(17,1112)	1:31:A:PRO:HG2	1:143:A:TRP:HA	2	4.45
(17,1112)	1:31:A:PRO:HG3	1:143:A:TRP:HA	2	4.45
(17,715)	1:44:A:GLU:HG3	1:48:A:ARG:HE	7	4.45
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD11	13	4.45
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD12	13	4.45
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD13	13	4.45
(7,707)	1:44:A:GLU:HG2	1:48:A:ARG:HE	7	4.45
(7,707)	1:44:A:GLU:HG3	1:48:A:ARG:HE	7	4.45
(1,1626)	1:21:A:THR:HB	1:24:A:ASP:HA	14	4.45
(19,17)	1:56:A:CYS:SG	1:120:A:CYS:CB	18	4.44
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB2	4	4.44
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB3	4	4.44
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB2	4	4.44
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB3	4	4.44
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB2	4	4.44
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB3	4	4.44
(6,1911)	1:18:A:PHE:HA	1:113:A:PHE:HE1	12	4.44
(6,1911)	1:18:A:PHE:HA	1:113:A:PHE:HE2	12	4.44
(3,992)	1:31:A:PRO:HB2	1:143:A:TRP:HA	2	4.44
(3,992)	1:31:A:PRO:HB3	1:143:A:TRP:HA	2	4.44
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG11	11	4.44
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG12	11	4.44
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG13	11	4.44
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG21	11	4.44
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG22	11	4.44
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG23	11	4.44
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG2	8	4.44
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG3	8	4.44
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG2	8	4.44
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG3	8	4.44
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE1	1	4.43
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE2	1	4.43
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE3	1	4.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE1	1	4.43
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE2	1	4.43
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE3	1	4.43
(34,1655)	1:31:A:PRO:HD3	1:140:A:LEU:HA	18	4.43
(20,7)	1:56:A:CYS:SG	1:120:A:CYS:SG	12	4.43
(20,2)	1:123:A:CYS:SG	1:127:A:CYS:SG	16	4.43
(19,8)	1:123:A:CYS:SG	1:59:A:CYS:CB	13	4.43
(19,4)	1:123:A:CYS:SG	1:120:A:CYS:CB	2	4.43
(18,1629)	1:31:A:PRO:HD3	1:140:A:LEU:HA	18	4.43
(17,2170)	1:43:A:MET:HE1	1:144:A:LEU:HB2	19	4.43
(17,2170)	1:43:A:MET:HE1	1:144:A:LEU:HB3	19	4.43
(17,2170)	1:43:A:MET:HE2	1:144:A:LEU:HB2	19	4.43
(17,2170)	1:43:A:MET:HE2	1:144:A:LEU:HB3	19	4.43
(17,2170)	1:43:A:MET:HE3	1:144:A:LEU:HB2	19	4.43
(17,2170)	1:43:A:MET:HE3	1:144:A:LEU:HB3	19	4.43
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	18	4.43
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	18	4.43
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	18	4.43
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	18	4.43
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG11	4	4.43
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG12	4	4.43
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG13	4	4.43
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG21	4	4.43
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG22	4	4.43
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG23	4	4.43
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD11	3	4.43
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD12	3	4.43
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD13	3	4.43
(2,1462)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	15	4.43
(2,1462)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	15	4.43
(2,1462)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	15	4.43
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD11	16	4.42
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD12	16	4.42
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD13	16	4.42
(19,24)	1:59:A:CYS:SG	1:56:A:CYS:CB	5	4.42
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	6	4.42
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	6	4.42
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	6	4.42
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	6	4.42
(5,1561)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	13	4.42
(5,1561)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	13	4.42
(5,1561)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	13	4.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1561)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	13	4.42
(5,1561)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	13	4.42
(5,1561)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	13	4.42
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG11	15	4.42
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG12	15	4.42
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG13	15	4.42
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG21	15	4.42
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG22	15	4.42
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG23	15	4.42
(32,1188)	1:33:A:LYS:HB2	1:81:A:GLU:HA	10	4.41
(32,1188)	1:33:A:LYS:HB3	1:81:A:GLU:HA	10	4.41
(30,2060)	1:31:A:PRO:HD2	1:143:A:TRP:HA	19	4.41
(30,2060)	1:31:A:PRO:HD3	1:143:A:TRP:HA	19	4.41
(30,1217)	1:33:A:LYS:HB2	1:81:A:GLU:HA	10	4.41
(30,1217)	1:33:A:LYS:HB3	1:81:A:GLU:HA	10	4.41
(17,1141)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	11	4.41
(17,1141)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	11	4.41
(17,1141)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	11	4.41
(17,1141)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	11	4.41
(17,1141)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	11	4.41
(17,1141)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	11	4.41
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE1	4	4.41
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE2	4	4.41
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE3	4	4.41
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE1	4	4.41
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE2	4	4.41
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE3	4	4.41
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG21	5	4.41
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG22	5	4.41
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG23	5	4.41
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD11	15	4.41
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD12	15	4.41
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD13	15	4.41
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD11	15	4.41
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD12	15	4.41
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD13	15	4.41
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD11	15	4.41
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD12	15	4.41
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD13	15	4.41
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE1	18	4.41
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE2	18	4.41
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD11	13	4.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD12	13	4.41
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD13	13	4.41
(3,1122)	1:31:A:PRO:HG2	1:143:A:TRP:HA	13	4.41
(3,1122)	1:31:A:PRO:HG3	1:143:A:TRP:HA	13	4.41
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG2	11	4.4
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG3	11	4.4
(33,2498)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	3	4.4
(33,2498)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	3	4.4
(33,2498)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	3	4.4
(33,2498)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	3	4.4
(33,2498)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	3	4.4
(33,2498)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	3	4.4
(33,2498)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	3	4.4
(33,2498)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	3	4.4
(33,2498)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	3	4.4
(33,2498)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	3	4.4
(33,2498)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	3	4.4
(33,2498)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	3	4.4
(19,24)	1:59:A:CYS:SG	1:56:A:CYS:CB	8	4.4
(19,17)	1:56:A:CYS:SG	1:120:A:CYS:CB	10	4.4
(19,3)	1:120:A:CYS:SG	1:123:A:CYS:CB	13	4.4
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG2	11	4.4
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG3	11	4.4
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD11	19	4.4
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD12	19	4.4
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD13	19	4.4
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD21	19	4.4
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD22	19	4.4
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD23	19	4.4
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD11	19	4.4
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD12	19	4.4
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD13	19	4.4
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD21	19	4.4
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD22	19	4.4
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD23	19	4.4
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD11	19	4.4
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD12	19	4.4
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD13	19	4.4
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD21	19	4.4
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD22	19	4.4
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD23	19	4.4
(17,1112)	1:31:A:PRO:HG2	1:143:A:TRP:HA	13	4.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1112)	1:31:A:PRO:HG3	1:143:A:TRP:HA	13	4.4
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG21	7	4.4
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG22	7	4.4
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG23	7	4.4
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG21	7	4.4
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG22	7	4.4
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG23	7	4.4
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG21	7	4.4
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG22	7	4.4
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG23	7	4.4
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG11	7	4.4
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG12	7	4.4
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG13	7	4.4
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG11	7	4.4
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG12	7	4.4
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG13	7	4.4
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG11	7	4.4
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG12	7	4.4
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG13	7	4.4
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD11	15	4.4
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD12	15	4.4
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD13	15	4.4
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD11	15	4.4
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD12	15	4.4
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD13	15	4.4
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD11	15	4.4
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD12	15	4.4
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD13	15	4.4
(1,1114)	1:31:A:PRO:HG2	1:143:A:TRP:HA	2	4.4
(1,1114)	1:31:A:PRO:HG3	1:143:A:TRP:HA	2	4.4
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB2	4	4.4
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB3	4	4.4
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB2	4	4.4
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB3	4	4.4
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE1	9	4.39
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE2	9	4.39
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE3	9	4.39
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	8	4.39
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	8	4.39
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	8	4.39
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	8	4.39
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	8	4.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	8	4.39
(34,722)	1:44:A:GLU:HG2	1:48:A:ARG:HE	7	4.39
(34,722)	1:44:A:GLU:HG3	1:48:A:ARG:HE	7	4.39
(33,1131)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	7	4.39
(33,1131)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	7	4.39
(33,1131)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	7	4.39
(33,1131)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	7	4.39
(33,1131)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	7	4.39
(33,1131)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	7	4.39
(32,839)	1:30:A:LEU:HB2	1:143:A:TRP:HZ3	2	4.39
(32,839)	1:30:A:LEU:HB3	1:143:A:TRP:HZ3	2	4.39
(29,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HB	4	4.39
(29,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HB	4	4.39
(20,1)	1:120:A:CYS:SG	1:123:A:CYS:SG	1	4.39
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD2	12	4.39
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD3	12	4.39
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD2	12	4.39
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD3	12	4.39
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD2	12	4.39
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD3	12	4.39
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD11	10	4.39
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD12	10	4.39
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD13	10	4.39
(4,1423)	1:31:A:PRO:HD3	1:144:A:LEU:HA	3	4.39
(3,1933)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	6	4.39
(3,1933)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	6	4.39
(3,1933)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	6	4.39
(3,1933)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	6	4.39
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	10	4.38
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	10	4.38
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	10	4.38
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	10	4.38
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	10	4.38
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	10	4.38
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	10	4.38
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	10	4.38
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	10	4.38
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	10	4.38
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	10	4.38
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	10	4.38
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	10	4.38
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	10	4.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	10	4.38
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	10	4.38
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	10	4.38
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	10	4.38
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE1	6	4.38
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE2	6	4.38
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE3	6	4.38
(33,677)	1:20:A:THR:H	1:133:A:ASN:H	19	4.38
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	10	4.38
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	10	4.38
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	10	4.38
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	10	4.38
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	10	4.38
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	10	4.38
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	10	4.38
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	10	4.38
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	10	4.38
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	10	4.38
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	10	4.38
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	10	4.38
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	10	4.38
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	10	4.38
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	10	4.38
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	10	4.38
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	10	4.38
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	10	4.38
(29,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HB	14	4.38
(29,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HB	14	4.38
(19,24)	1:59:A:CYS:SG	1:56:A:CYS:CB	19	4.38
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	10	4.38
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	10	4.38
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	10	4.38
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	10	4.38
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	10	4.38
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	10	4.38
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	10	4.38
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	10	4.38
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	10	4.38
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	10	4.38
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	10	4.38
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	10	4.38
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	10	4.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	10	4.38
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	10	4.38
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	10	4.38
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	10	4.38
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	10	4.38
(17,1879)	1:18:A:PHE:HA	1:113:A:PHE:HE1	17	4.38
(17,1879)	1:18:A:PHE:HA	1:113:A:PHE:HE2	17	4.38
(16,2060)	1:30:A:LEU:HD11	1:79:A:THR:HB	19	4.38
(16,2060)	1:30:A:LEU:HD12	1:79:A:THR:HB	19	4.38
(16,2060)	1:30:A:LEU:HD13	1:79:A:THR:HB	19	4.38
(16,2060)	1:30:A:LEU:HD21	1:79:A:THR:HB	19	4.38
(16,2060)	1:30:A:LEU:HD22	1:79:A:THR:HB	19	4.38
(16,2060)	1:30:A:LEU:HD23	1:79:A:THR:HB	19	4.38
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	10	4.38
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	10	4.38
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	10	4.38
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	10	4.38
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	10	4.38
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	10	4.38
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	10	4.38
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	10	4.38
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	10	4.38
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	10	4.38
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	10	4.38
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	10	4.38
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	10	4.38
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	10	4.38
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	10	4.38
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	10	4.38
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	10	4.38
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	10	4.38
(15,1846)	1:18:A:PHE:HA	1:113:A:PHE:HE1	17	4.38
(15,1846)	1:18:A:PHE:HA	1:113:A:PHE:HE2	17	4.38
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	10	4.38
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	10	4.38
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	10	4.38
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	10	4.38
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	10	4.38
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	10	4.38
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	10	4.38
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	10	4.38
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	10	4.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	10	4.38
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	10	4.38
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	10	4.38
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	10	4.38
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	10	4.38
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	10	4.38
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	10	4.38
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	10	4.38
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	10	4.38
(7,1833)	1:18:A:PHE:HA	1:113:A:PHE:HE1	17	4.38
(7,1833)	1:18:A:PHE:HA	1:113:A:PHE:HE2	17	4.38
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	10	4.38
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	10	4.38
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	10	4.38
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	10	4.38
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	10	4.38
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	10	4.38
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	10	4.38
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	10	4.38
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	10	4.38
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	10	4.38
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	10	4.38
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	10	4.38
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	10	4.38
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	10	4.38
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	10	4.38
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	10	4.38
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	10	4.38
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	10	4.38
(3,1891)	1:18:A:PHE:HA	1:113:A:PHE:HE1	17	4.38
(3,1891)	1:18:A:PHE:HA	1:113:A:PHE:HE2	17	4.38
(2,2077)	1:31:A:PRO:HD2	1:143:A:TRP:HA	2	4.38
(2,2077)	1:31:A:PRO:HD3	1:143:A:TRP:HA	2	4.38
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG11	4	4.38
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG12	4	4.38
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG13	4	4.38
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG21	4	4.38
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG22	4	4.38
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG23	4	4.38
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG11	4	4.38
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG12	4	4.38
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG13	4	4.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG21	4	4.38
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG22	4	4.38
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG23	4	4.38
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG11	4	4.38
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG12	4	4.38
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG13	4	4.38
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG21	4	4.38
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG22	4	4.38
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG23	4	4.38
(1,1877)	1:18:A:PHE:HA	1:113:A:PHE:HE1	17	4.38
(1,1877)	1:18:A:PHE:HA	1:113:A:PHE:HE2	17	4.38
(34,1655)	1:31:A:PRO:HD3	1:140:A:LEU:HA	7	4.37
(33,1618)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	5	4.37
(33,697)	1:10:A:ASN:HD22	1:14:A:VAL:HB	8	4.37
(32,1707)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	13	4.37
(32,1707)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	13	4.37
(19,1)	1:120:A:CYS:SG	1:56:A:CYS:CB	2	4.37
(18,1629)	1:31:A:PRO:HD3	1:140:A:LEU:HA	7	4.37
(16,1615)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	5	4.37
(16,706)	1:10:A:ASN:HD22	1:14:A:VAL:HB	8	4.37
(13,684)	1:10:A:ASN:HD22	1:14:A:VAL:HB	8	4.37
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	13	4.37
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	13	4.37
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	13	4.37
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	13	4.37
(7,694)	1:10:A:ASN:HD22	1:14:A:VAL:HB	8	4.37
(5,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	8	4.37
(1,1626)	1:21:A:THR:HB	1:24:A:ASP:HA	17	4.37
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB2	2	4.37
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB3	2	4.37
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB2	2	4.37
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB3	2	4.37
(1,707)	1:10:A:ASN:HD22	1:14:A:VAL:HB	8	4.37
(34,1655)	1:31:A:PRO:HD3	1:140:A:LEU:HA	4	4.36
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	13	4.36
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	13	4.36
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	13	4.36
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	13	4.36
(32,2034)	1:30:A:LEU:HD11	1:143:A:TRP:HZ3	10	4.36
(32,2034)	1:30:A:LEU:HD12	1:143:A:TRP:HZ3	10	4.36
(32,2034)	1:30:A:LEU:HD13	1:143:A:TRP:HZ3	10	4.36
(32,2034)	1:30:A:LEU:HD21	1:143:A:TRP:HZ3	10	4.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2034)	1:30:A:LEU:HD22	1:143:A:TRP:HZ3	10	4.36
(32,2034)	1:30:A:LEU:HD23	1:143:A:TRP:HZ3	10	4.36
(19,24)	1:59:A:CYS:SG	1:56:A:CYS:CB	16	4.36
(18,1629)	1:31:A:PRO:HD3	1:140:A:LEU:HA	4	4.36
(16,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB2	19	4.36
(16,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB2	19	4.36
(16,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB2	19	4.36
(16,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB2	19	4.36
(16,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB2	19	4.36
(16,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB2	19	4.36
(16,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB3	19	4.36
(16,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB3	19	4.36
(16,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB3	19	4.36
(16,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB3	19	4.36
(16,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB3	19	4.36
(16,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB3	19	4.36
(3,1465)	1:31:A:PRO:HD3	1:143:A:TRP:HA	1	4.36
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG21	19	4.36
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG22	19	4.36
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG23	19	4.36
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG21	19	4.36
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG22	19	4.36
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG23	19	4.36
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG21	19	4.36
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG22	19	4.36
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG23	19	4.36
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG11	19	4.36
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG12	19	4.36
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG13	19	4.36
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG11	19	4.36
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG12	19	4.36
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG13	19	4.36
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG11	19	4.36
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG12	19	4.36
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG13	19	4.36
(1,1626)	1:21:A:THR:HB	1:24:A:ASP:HA	4	4.36
(33,2498)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	13	4.35
(33,2498)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	13	4.35
(33,2498)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	13	4.35
(33,2498)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	13	4.35
(33,2498)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	13	4.35
(33,2498)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	13	4.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2498)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	13	4.35
(33,2498)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	13	4.35
(33,2498)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	13	4.35
(33,2498)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	13	4.35
(33,2498)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	13	4.35
(33,2498)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	13	4.35
(18,1947)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	5	4.35
(18,1947)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	5	4.35
(18,1947)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	5	4.35
(18,1947)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	5	4.35
(17,1567)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	13	4.35
(17,1567)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	13	4.35
(17,1567)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	13	4.35
(17,1567)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	13	4.35
(17,1567)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	13	4.35
(17,1567)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	13	4.35
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB2	16	4.35
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB3	16	4.35
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB2	16	4.35
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB3	16	4.35
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB2	16	4.35
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB3	16	4.35
(11,1967)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	5	4.35
(11,1967)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	5	4.35
(11,1967)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	5	4.35
(11,1967)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	5	4.35
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB2	18	4.35
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB3	18	4.35
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB2	18	4.35
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB3	18	4.35
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB2	18	4.35
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB3	18	4.35
(9,1942)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	5	4.35
(9,1942)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	5	4.35
(9,1942)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	5	4.35
(9,1942)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	5	4.35
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG21	14	4.35
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG22	14	4.35
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG23	14	4.35
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG21	14	4.35
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG22	14	4.35
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG23	14	4.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG21	14	4.35
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG22	14	4.35
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG23	14	4.35
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG11	14	4.35
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG12	14	4.35
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG13	14	4.35
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG11	14	4.35
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG12	14	4.35
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG13	14	4.35
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG11	14	4.35
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG12	14	4.35
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG13	14	4.35
(6,2029)	1:17:A:ASN:HD21	1:79:A:THR:H	19	4.35
(6,2029)	1:17:A:ASN:HD22	1:79:A:THR:H	19	4.35
(3,1975)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	5	4.35
(3,1975)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	5	4.35
(3,1975)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	5	4.35
(3,1975)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	5	4.35
(1,1114)	1:31:A:PRO:HG2	1:143:A:TRP:HA	13	4.35
(1,1114)	1:31:A:PRO:HG3	1:143:A:TRP:HA	13	4.35
(33,701)	1:144:A:LEU:HD11	1:147:A:ARG:HE	17	4.34
(33,701)	1:144:A:LEU:HD12	1:147:A:ARG:HE	17	4.34
(33,701)	1:144:A:LEU:HD13	1:147:A:ARG:HE	17	4.34
(32,1418)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	5	4.34
(32,1418)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	5	4.34
(19,3)	1:120:A:CYS:SG	1:123:A:CYS:CB	5	4.34
(17,756)	1:43:A:MET:HE1	1:147:A:ARG:HE	14	4.34
(17,756)	1:43:A:MET:HE2	1:147:A:ARG:HE	14	4.34
(17,756)	1:43:A:MET:HE3	1:147:A:ARG:HE	14	4.34
(17,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	17	4.34
(17,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	17	4.34
(17,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	17	4.34
(16,1716)	1:21:A:THR:HG21	1:147:A:ARG:HE	6	4.34
(16,1716)	1:21:A:THR:HG22	1:147:A:ARG:HE	6	4.34
(16,1716)	1:21:A:THR:HG23	1:147:A:ARG:HE	6	4.34
(9,696)	1:144:A:LEU:HD11	1:147:A:ARG:HE	17	4.34
(9,696)	1:144:A:LEU:HD12	1:147:A:ARG:HE	17	4.34
(9,696)	1:144:A:LEU:HD13	1:147:A:ARG:HE	17	4.34
(5,2472)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	3	4.34
(5,2472)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	3	4.34
(5,2472)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	3	4.34
(5,2472)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	3	4.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2472)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	3	4.34
(5,2472)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	3	4.34
(5,2472)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	3	4.34
(5,2472)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	3	4.34
(5,2472)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	3	4.34
(5,2472)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	3	4.34
(5,2472)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	3	4.34
(5,2472)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	3	4.34
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD21	3	4.34
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD22	3	4.34
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD23	3	4.34
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD11	11	4.34
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD12	11	4.34
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD13	11	4.34
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD11	11	4.34
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD12	11	4.34
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD13	11	4.34
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD11	11	4.34
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD12	11	4.34
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD13	11	4.34
(1,763)	1:20:A:THR:HB	1:134:A:VAL:H	17	4.34
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	16	4.33
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	16	4.33
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	16	4.33
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	16	4.33
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	16	4.33
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	16	4.33
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	16	4.33
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	16	4.33
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	16	4.33
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	16	4.33
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	16	4.33
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	16	4.33
(20,2)	1:123:A:CYS:SG	1:127:A:CYS:SG	18	4.33
(17,2481)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	3	4.33
(17,2481)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	3	4.33
(17,2481)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	3	4.33
(17,2481)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	3	4.33
(17,2481)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	3	4.33
(17,2481)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	3	4.33
(17,2481)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	3	4.33
(17,2481)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	3	4.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2481)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	3	4.33
(17,2481)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	3	4.33
(17,2481)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	3	4.33
(17,2481)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	3	4.33
(13,701)	1:45:A:ALA:H	1:48:A:ARG:HE	7	4.33
(7,1690)	1:21:A:THR:HG21	1:147:A:ARG:HE	12	4.33
(7,1690)	1:21:A:THR:HG22	1:147:A:ARG:HE	12	4.33
(7,1690)	1:21:A:THR:HG23	1:147:A:ARG:HE	12	4.33
(5,2473)	1:144:A:LEU:HD11	1:147:A:ARG:HE	17	4.33
(5,2473)	1:144:A:LEU:HD12	1:147:A:ARG:HE	17	4.33
(5,2473)	1:144:A:LEU:HD13	1:147:A:ARG:HE	17	4.33
(5,2473)	1:144:A:LEU:HD21	1:147:A:ARG:HE	17	4.33
(5,2473)	1:144:A:LEU:HD22	1:147:A:ARG:HE	17	4.33
(5,2473)	1:144:A:LEU:HD23	1:147:A:ARG:HE	17	4.33
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG11	15	4.33
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG12	15	4.33
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG13	15	4.33
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG21	15	4.33
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG22	15	4.33
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG23	15	4.33
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD21	9	4.33
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD22	9	4.33
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD23	9	4.33
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD21	9	4.33
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD22	9	4.33
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD23	9	4.33
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD21	9	4.33
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD22	9	4.33
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD23	9	4.33
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB2	4	4.33
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB3	4	4.33
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB2	4	4.33
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB3	4	4.33
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG2	6	4.32
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG3	6	4.32
(33,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB2	19	4.32
(33,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB2	19	4.32
(33,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB2	19	4.32
(33,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB2	19	4.32
(33,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB2	19	4.32
(33,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB2	19	4.32
(33,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB3	19	4.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB3	19	4.32
(33,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB3	19	4.32
(33,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB3	19	4.32
(33,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB3	19	4.32
(33,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB3	19	4.32
(33,1539)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	7	4.32
(33,1539)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	7	4.32
(33,1539)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	7	4.32
(33,1539)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	7	4.32
(33,1539)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	7	4.32
(33,1539)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	7	4.32
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG2	6	4.32
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG3	6	4.32
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD2	15	4.32
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD3	15	4.32
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD2	15	4.32
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD3	15	4.32
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD2	15	4.32
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD3	15	4.32
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG11	15	4.32
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG12	15	4.32
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG13	15	4.32
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG21	15	4.32
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG22	15	4.32
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG23	15	4.32
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG11	15	4.32
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG12	15	4.32
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG13	15	4.32
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG21	15	4.32
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG22	15	4.32
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG23	15	4.32
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG11	15	4.32
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG12	15	4.32
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG13	15	4.32
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG21	15	4.32
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG22	15	4.32
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG23	15	4.32
(1,763)	1:20:A:THR:HB	1:134:A:VAL:H	9	4.32
(34,1134)	1:18:A:PHE:HA	1:113:A:PHE:HZ	17	4.31
(32,1072)	1:18:A:PHE:HA	1:113:A:PHE:HZ	17	4.31
(29,1117)	1:18:A:PHE:HA	1:113:A:PHE:HZ	17	4.31
(17,1915)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	12	4.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1915)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	12	4.31
(17,1915)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	12	4.31
(17,1915)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	12	4.31
(17,1115)	1:18:A:PHE:HA	1:113:A:PHE:HZ	17	4.31
(15,1106)	1:18:A:PHE:HA	1:113:A:PHE:HZ	17	4.31
(9,2023)	1:23:A:LEU:HD11	1:147:A:ARG:H	2	4.31
(9,2023)	1:23:A:LEU:HD12	1:147:A:ARG:H	2	4.31
(9,2023)	1:23:A:LEU:HD13	1:147:A:ARG:H	2	4.31
(9,2023)	1:23:A:LEU:HD21	1:147:A:ARG:H	2	4.31
(9,2023)	1:23:A:LEU:HD22	1:147:A:ARG:H	2	4.31
(9,2023)	1:23:A:LEU:HD23	1:147:A:ARG:H	2	4.31
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG11	7	4.31
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG12	7	4.31
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG13	7	4.31
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG21	7	4.31
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG22	7	4.31
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG23	7	4.31
(6,1088)	1:18:A:PHE:HA	1:113:A:PHE:HZ	17	4.31
(4,1088)	1:18:A:PHE:HA	1:113:A:PHE:HZ	17	4.31
(3,1126)	1:18:A:PHE:HA	1:113:A:PHE:HZ	17	4.31
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB1	4	4.31
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB2	4	4.31
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB3	4	4.31
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG21	8	4.31
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG22	8	4.31
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG23	8	4.31
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG21	8	4.31
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG22	8	4.31
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG23	8	4.31
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG21	8	4.31
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG22	8	4.31
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG23	8	4.31
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG11	8	4.31
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG12	8	4.31
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG13	8	4.31
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG11	8	4.31
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG12	8	4.31
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG13	8	4.31
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG11	8	4.31
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG12	8	4.31
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG13	8	4.31
(33,2498)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	7	4.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2498)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	7	4.3
(33,2498)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	7	4.3
(33,2498)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	7	4.3
(33,2498)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	7	4.3
(33,2498)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	7	4.3
(33,2498)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	7	4.3
(33,2498)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	7	4.3
(33,2498)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	7	4.3
(33,2498)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	7	4.3
(33,2498)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	7	4.3
(33,2498)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	7	4.3
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD1	16	4.3
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD2	16	4.3
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD1	16	4.3
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD2	16	4.3
(33,1618)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	13	4.3
(30,66)	1:33:A:LYS:HB2	1:81:A:GLU:H	13	4.3
(30,66)	1:33:A:LYS:HB3	1:81:A:GLU:H	13	4.3
(16,1615)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	13	4.3
(15,70)	1:33:A:LYS:HB2	1:81:A:GLU:H	13	4.3
(15,70)	1:33:A:LYS:HB3	1:81:A:GLU:H	13	4.3
(4,1325)	1:17:A:ASN:HA	1:76:A:ARG:HA	17	4.3
(3,2087)	1:32:A:GLY:HA2	1:81:A:GLU:H	6	4.3
(3,2087)	1:32:A:GLY:HA3	1:81:A:GLU:H	6	4.3
(2,2077)	1:31:A:PRO:HD2	1:143:A:TRP:HA	15	4.3
(2,2077)	1:31:A:PRO:HD3	1:143:A:TRP:HA	15	4.3
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD11	3	4.3
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD12	3	4.3
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD13	3	4.3
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD11	3	4.3
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD12	3	4.3
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD13	3	4.3
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD11	3	4.3
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD12	3	4.3
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD13	3	4.3
(17,2074)	1:31:A:PRO:HD2	1:143:A:TRP:HA	1	4.29
(17,2074)	1:31:A:PRO:HD3	1:143:A:TRP:HA	1	4.29
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD21	11	4.29
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD22	11	4.29
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD23	11	4.29
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	2	4.29
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	2	4.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	2	4.29
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	2	4.29
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG21	18	4.29
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG22	18	4.29
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG23	18	4.29
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG21	18	4.29
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG22	18	4.29
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG23	18	4.29
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG21	18	4.29
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG22	18	4.29
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG23	18	4.29
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG11	18	4.29
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG12	18	4.29
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG13	18	4.29
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG11	18	4.29
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG12	18	4.29
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG13	18	4.29
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG11	18	4.29
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG12	18	4.29
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG13	18	4.29
(5,2472)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	13	4.29
(5,2472)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	13	4.29
(5,2472)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	13	4.29
(5,2472)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	13	4.29
(5,2472)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	13	4.29
(5,2472)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	13	4.29
(5,2472)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	13	4.29
(5,2472)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	13	4.29
(5,2472)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	13	4.29
(5,2472)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	13	4.29
(5,2472)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	13	4.29
(5,2472)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	13	4.29
(5,1961)	1:10:A:ASN:HD21	1:14:A:VAL:HB	4	4.29
(5,1961)	1:10:A:ASN:HD22	1:14:A:VAL:HB	4	4.29
(33,1388)	1:19:A:ALA:HB1	1:132:A:ALA:HA	13	4.28
(33,1388)	1:19:A:ALA:HB2	1:132:A:ALA:HA	13	4.28
(33,1388)	1:19:A:ALA:HB3	1:132:A:ALA:HA	13	4.28
(33,971)	1:141:A:LYS:HB2	1:149:A:ALA:HA	10	4.28
(33,971)	1:141:A:LYS:HB3	1:149:A:ALA:HA	10	4.28
(32,1706)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	15	4.28
(32,1706)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	15	4.28
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	7	4.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	7	4.28
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	7	4.28
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	7	4.28
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	7	4.28
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	7	4.28
(17,2481)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	13	4.28
(17,2481)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	13	4.28
(17,2481)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	13	4.28
(17,2481)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	13	4.28
(17,2481)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	13	4.28
(17,2481)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	13	4.28
(17,2481)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	13	4.28
(17,2481)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	13	4.28
(17,2481)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	13	4.28
(17,2481)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	13	4.28
(17,2481)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	13	4.28
(17,2481)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	13	4.28
(5,1961)	1:10:A:ASN:HD21	1:14:A:VAL:HB	14	4.28
(5,1961)	1:10:A:ASN:HD22	1:14:A:VAL:HB	14	4.28
(4,924)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	14	4.28
(4,924)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	14	4.28
(4,924)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	14	4.28
(4,924)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	14	4.28
(19,24)	1:59:A:CYS:SG	1:56:A:CYS:CB	13	4.27
(16,1698)	1:27:A:ARG:HA	1:31:A:PRO:HD2	7	4.27
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB1	10	4.27
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB2	10	4.27
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB3	10	4.27
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG2	16	4.27
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG3	16	4.27
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB1	10	4.27
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB2	10	4.27
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB3	10	4.27
(2,1462)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	13	4.27
(2,1462)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	13	4.27
(2,1462)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	13	4.27
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB1	10	4.27
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB2	10	4.27
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB3	10	4.27
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	4	4.26
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	4	4.26
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	4	4.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	4	4.26
(30,66)	1:33:A:LYS:HB2	1:81:A:GLU:H	5	4.26
(30,66)	1:33:A:LYS:HB3	1:81:A:GLU:H	5	4.26
(19,24)	1:59:A:CYS:SG	1:56:A:CYS:CB	10	4.26
(19,23)	1:59:A:CYS:SG	1:123:A:CYS:CB	13	4.26
(17,1966)	1:10:A:ASN:HD21	1:14:A:VAL:HB	4	4.26
(17,1966)	1:10:A:ASN:HD22	1:14:A:VAL:HB	4	4.26
(15,70)	1:33:A:LYS:HB2	1:81:A:GLU:H	5	4.26
(15,70)	1:33:A:LYS:HB3	1:81:A:GLU:H	5	4.26
(13,1596)	1:12:A:VAL:HA	1:80:A:TYR:HB3	19	4.26
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB1	5	4.26
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB2	5	4.26
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB3	5	4.26
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG2	9	4.26
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG3	9	4.26
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB2	18	4.26
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB3	18	4.26
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD11	11	4.26
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD12	11	4.26
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD13	11	4.26
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD21	11	4.26
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD22	11	4.26
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD23	11	4.26
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD11	11	4.26
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD12	11	4.26
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD13	11	4.26
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD21	11	4.26
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD22	11	4.26
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD23	11	4.26
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD11	11	4.26
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD12	11	4.26
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD13	11	4.26
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD21	11	4.26
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD22	11	4.26
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD23	11	4.26
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD11	10	4.26
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD12	10	4.26
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD13	10	4.26
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD21	10	4.26
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD22	10	4.26
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD23	10	4.26
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB1	5	4.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB2	5	4.26
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB3	5	4.26
(3,861)	1:43:A:MET:HE1	1:144:A:LEU:HB2	3	4.26
(3,861)	1:43:A:MET:HE2	1:144:A:LEU:HB2	3	4.26
(3,861)	1:43:A:MET:HE3	1:144:A:LEU:HB2	3	4.26
(2,1645)	1:12:A:VAL:HA	1:80:A:TYR:HB3	19	4.26
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB1	5	4.26
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB2	5	4.26
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB3	5	4.26
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD11	10	4.25
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD12	10	4.25
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD13	10	4.25
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD21	10	4.25
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD22	10	4.25
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD23	10	4.25
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	7	4.25
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	7	4.25
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	7	4.25
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	7	4.25
(29,1560)	1:144:A:LEU:HD21	1:147:A:ARG:HE	13	4.25
(29,1560)	1:144:A:LEU:HD22	1:147:A:ARG:HE	13	4.25
(29,1560)	1:144:A:LEU:HD23	1:147:A:ARG:HE	13	4.25
(20,9)	1:56:A:CYS:SG	1:127:A:CYS:SG	2	4.25
(19,1)	1:120:A:CYS:SG	1:56:A:CYS:CB	14	4.25
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD11	10	4.25
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD12	10	4.25
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD13	10	4.25
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD21	10	4.25
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD22	10	4.25
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD23	10	4.25
(17,1966)	1:10:A:ASN:HD21	1:14:A:VAL:HB	14	4.25
(17,1966)	1:10:A:ASN:HD22	1:14:A:VAL:HB	14	4.25
(17,938)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	14	4.25
(17,938)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	14	4.25
(17,938)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	14	4.25
(17,938)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	14	4.25
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD11	10	4.25
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD12	10	4.25
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD13	10	4.25
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD21	10	4.25
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD22	10	4.25
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD23	10	4.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1536)	1:144:A:LEU:HD21	1:147:A:ARG:HE	13	4.25
(15,1536)	1:144:A:LEU:HD22	1:147:A:ARG:HE	13	4.25
(15,1536)	1:144:A:LEU:HD23	1:147:A:ARG:HE	13	4.25
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD11	10	4.25
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD12	10	4.25
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD13	10	4.25
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD21	10	4.25
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD22	10	4.25
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD23	10	4.25
(13,1596)	1:12:A:VAL:HA	1:80:A:TYR:HB3	8	4.25
(13,829)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	6	4.25
(13,829)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	6	4.25
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB2	5	4.25
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB3	5	4.25
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD2	7	4.25
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD3	7	4.25
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD2	7	4.25
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD3	7	4.25
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD2	7	4.25
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD3	7	4.25
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD11	10	4.25
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD12	10	4.25
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD13	10	4.25
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD21	10	4.25
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD22	10	4.25
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD23	10	4.25
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB1	1	4.25
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB2	1	4.25
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB3	1	4.25
(2,1645)	1:12:A:VAL:HA	1:80:A:TYR:HB3	8	4.25
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB2	9	4.25
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB3	9	4.25
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB2	9	4.25
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB3	9	4.25
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	12	4.24
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	12	4.24
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	12	4.24
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG2	3	4.24
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG3	3	4.24
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD11	4	4.24
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD12	4	4.24
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD13	4	4.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD21	4	4.24
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD22	4	4.24
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD23	4	4.24
(32,2033)	1:30:A:LEU:HD11	1:143:A:TRP:HE3	17	4.24
(32,2033)	1:30:A:LEU:HD12	1:143:A:TRP:HE3	17	4.24
(32,2033)	1:30:A:LEU:HD13	1:143:A:TRP:HE3	17	4.24
(32,2033)	1:30:A:LEU:HD21	1:143:A:TRP:HE3	17	4.24
(32,2033)	1:30:A:LEU:HD22	1:143:A:TRP:HE3	17	4.24
(32,2033)	1:30:A:LEU:HD23	1:143:A:TRP:HE3	17	4.24
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD11	7	4.24
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD12	7	4.24
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD13	7	4.24
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD21	7	4.24
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD22	7	4.24
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD23	7	4.24
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG2	3	4.24
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG3	3	4.24
(18,908)	1:67:A:PRO:HD3	1:95:A:ILE:HB	13	4.24
(16,1617)	1:31:A:PRO:HG2	1:80:A:TYR:HB3	18	4.24
(16,1617)	1:31:A:PRO:HG3	1:80:A:TYR:HB3	18	4.24
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD21	19	4.24
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD22	19	4.24
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD23	19	4.24
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD21	19	4.24
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD22	19	4.24
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD23	19	4.24
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD21	19	4.24
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD22	19	4.24
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD23	19	4.24
(7,2004)	1:27:A:ARG:HA	1:31:A:PRO:HD2	4	4.24
(7,2004)	1:27:A:ARG:HA	1:31:A:PRO:HD3	4	4.24
(7,1666)	1:43:A:MET:HE1	1:131:A:LEU:HA	18	4.24
(7,1666)	1:43:A:MET:HE2	1:131:A:LEU:HA	18	4.24
(7,1666)	1:43:A:MET:HE3	1:131:A:LEU:HA	18	4.24
(6,1699)	1:43:A:MET:HE1	1:131:A:LEU:HA	18	4.24
(6,1699)	1:43:A:MET:HE2	1:131:A:LEU:HA	18	4.24
(6,1699)	1:43:A:MET:HE3	1:131:A:LEU:HA	18	4.24
(5,2472)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	7	4.24
(5,2472)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	7	4.24
(5,2472)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	7	4.24
(5,2472)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	7	4.24
(5,2472)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	7	4.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2472)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	7	4.24
(5,2472)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	7	4.24
(5,2472)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	7	4.24
(5,2472)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	7	4.24
(5,2472)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	7	4.24
(5,2472)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	7	4.24
(5,2472)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	7	4.24
(4,1677)	1:43:A:MET:HE1	1:131:A:LEU:HA	18	4.24
(4,1677)	1:43:A:MET:HE2	1:131:A:LEU:HA	18	4.24
(4,1677)	1:43:A:MET:HE3	1:131:A:LEU:HA	18	4.24
(3,1875)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	6	4.24
(3,1875)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	6	4.24
(3,1875)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	6	4.24
(3,1875)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	6	4.24
(3,1729)	1:43:A:MET:HE1	1:131:A:LEU:HA	18	4.24
(3,1729)	1:43:A:MET:HE2	1:131:A:LEU:HA	18	4.24
(3,1729)	1:43:A:MET:HE3	1:131:A:LEU:HA	18	4.24
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	17	4.23
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	17	4.23
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	17	4.23
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	17	4.23
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD11	12	4.23
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD12	12	4.23
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD13	12	4.23
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD21	12	4.23
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD22	12	4.23
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD23	12	4.23
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD11	12	4.23
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD12	12	4.23
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD13	12	4.23
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD21	12	4.23
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD22	12	4.23
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD23	12	4.23
(20,1)	1:120:A:CYS:SG	1:123:A:CYS:SG	5	4.23
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD11	18	4.23
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD12	18	4.23
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD13	18	4.23
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD21	18	4.23
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD22	18	4.23
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD23	18	4.23
(17,2481)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	7	4.23
(17,2481)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	7	4.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2481)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	7	4.23
(17,2481)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	7	4.23
(17,2481)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	7	4.23
(17,2481)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	7	4.23
(17,2481)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	7	4.23
(17,2481)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	7	4.23
(17,2481)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	7	4.23
(17,2481)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	7	4.23
(17,2481)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	7	4.23
(17,2481)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	7	4.23
(17,556)	1:10:A:ASN:HD21	1:14:A:VAL:HB	14	4.23
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	2	4.23
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	2	4.23
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	2	4.23
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	2	4.23
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	2	4.23
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	2	4.23
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE1	17	4.23
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE2	17	4.23
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE3	17	4.23
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE1	17	4.23
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE2	17	4.23
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE3	17	4.23
(2,2077)	1:31:A:PRO:HD2	1:143:A:TRP:HA	12	4.23
(2,2077)	1:31:A:PRO:HD3	1:143:A:TRP:HA	12	4.23
(2,1462)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	1	4.23
(2,1462)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	1	4.23
(2,1462)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	1	4.23
(1,2053)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	9	4.23
(1,2053)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	9	4.23
(1,2053)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	9	4.23
(1,2053)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	9	4.23
(1,2053)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	9	4.23
(1,2053)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	9	4.23
(1,2053)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	9	4.23
(1,2053)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	9	4.23
(1,2053)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	9	4.23
(1,2053)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	9	4.23
(1,2053)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	9	4.23
(1,2053)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	9	4.23
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE1	17	4.23
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE2	17	4.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE3	17	4.23
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE1	17	4.23
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE2	17	4.23
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE3	17	4.23
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	13	4.22
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	13	4.22
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	13	4.22
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	13	4.22
(30,66)	1:33:A:LYS:HB2	1:81:A:GLU:H	15	4.22
(30,66)	1:33:A:LYS:HB3	1:81:A:GLU:H	15	4.22
(20,1)	1:120:A:CYS:SG	1:123:A:CYS:SG	16	4.22
(19,24)	1:59:A:CYS:SG	1:56:A:CYS:CB	4	4.22
(19,24)	1:59:A:CYS:SG	1:56:A:CYS:CB	18	4.22
(17,2170)	1:43:A:MET:HE1	1:144:A:LEU:HB2	3	4.22
(17,2170)	1:43:A:MET:HE1	1:144:A:LEU:HB3	3	4.22
(17,2170)	1:43:A:MET:HE2	1:144:A:LEU:HB2	3	4.22
(17,2170)	1:43:A:MET:HE2	1:144:A:LEU:HB3	3	4.22
(17,2170)	1:43:A:MET:HE3	1:144:A:LEU:HB2	3	4.22
(17,2170)	1:43:A:MET:HE3	1:144:A:LEU:HB3	3	4.22
(15,70)	1:33:A:LYS:HB2	1:81:A:GLU:H	15	4.22
(15,70)	1:33:A:LYS:HB3	1:81:A:GLU:H	15	4.22
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG11	11	4.22
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG12	11	4.22
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG13	11	4.22
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD11	2	4.22
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD12	2	4.22
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD13	2	4.22
(1,915)	1:67:A:PRO:HD3	1:95:A:ILE:HB	12	4.22
(33,1439)	1:31:A:PRO:HD3	1:144:A:LEU:HA	3	4.21
(32,839)	1:30:A:LEU:HB2	1:143:A:TRP:HZ3	10	4.21
(32,839)	1:30:A:LEU:HB3	1:143:A:TRP:HZ3	10	4.21
(30,686)	1:39:A:VAL:HB	1:144:A:LEU:H	3	4.21
(19,3)	1:120:A:CYS:SG	1:123:A:CYS:CB	18	4.21
(17,2075)	1:31:A:PRO:HD2	1:144:A:LEU:HA	3	4.21
(17,2075)	1:31:A:PRO:HD3	1:144:A:LEU:HA	3	4.21
(15,2034)	1:31:A:PRO:HD2	1:144:A:LEU:HA	3	4.21
(15,2034)	1:31:A:PRO:HD3	1:144:A:LEU:HA	3	4.21
(13,1412)	1:31:A:PRO:HD3	1:144:A:LEU:HA	3	4.21
(7,2026)	1:31:A:PRO:HD2	1:144:A:LEU:HA	3	4.21
(7,2026)	1:31:A:PRO:HD3	1:144:A:LEU:HA	3	4.21
(6,1437)	1:31:A:PRO:HD3	1:144:A:LEU:HA	3	4.21
(2,684)	1:39:A:VAL:HB	1:144:A:LEU:H	3	4.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2057)	1:31:A:PRO:HD2	1:144:A:LEU:HA	3	4.21
(1,2057)	1:31:A:PRO:HD3	1:144:A:LEU:HA	3	4.21
(34,1910)	1:18:A:PHE:HA	1:113:A:PHE:HE1	12	4.2
(34,1910)	1:18:A:PHE:HA	1:113:A:PHE:HE2	12	4.2
(32,1709)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	19	4.2
(32,1709)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	19	4.2
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD21	19	4.2
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD22	19	4.2
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD23	19	4.2
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD21	19	4.2
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD22	19	4.2
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD23	19	4.2
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD21	19	4.2
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD22	19	4.2
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD23	19	4.2
(29,2443)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	3	4.2
(29,2443)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	3	4.2
(29,2443)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	3	4.2
(29,2443)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	3	4.2
(29,2443)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	3	4.2
(29,2443)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	3	4.2
(29,2443)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	3	4.2
(29,2443)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	3	4.2
(29,2443)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	3	4.2
(29,2443)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	3	4.2
(29,2443)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	3	4.2
(29,2443)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	3	4.2
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	4	4.2
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	4	4.2
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	4	4.2
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD21	4	4.2
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD22	4	4.2
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD23	4	4.2
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	4	4.2
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	4	4.2
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	4	4.2
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD21	4	4.2
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD22	4	4.2
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD23	4	4.2
(16,1698)	1:27:A:ARG:HA	1:31:A:PRO:HD2	16	4.2
(15,2494)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	3	4.2
(15,2494)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	3	4.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2494)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	3	4.2
(15,2494)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	3	4.2
(15,2494)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	3	4.2
(15,2494)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	3	4.2
(15,2494)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	3	4.2
(15,2494)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	3	4.2
(15,2494)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	3	4.2
(15,2494)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	3	4.2
(15,2494)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	3	4.2
(15,2494)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	3	4.2
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG21	11	4.2
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG22	11	4.2
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG23	11	4.2
(9,2431)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	3	4.2
(9,2431)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	3	4.2
(9,2431)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	3	4.2
(9,2431)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	3	4.2
(9,2431)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	3	4.2
(9,2431)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	3	4.2
(9,2431)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	3	4.2
(9,2431)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	3	4.2
(9,2431)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	3	4.2
(9,2431)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	3	4.2
(9,2431)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	3	4.2
(9,2431)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	3	4.2
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB2	16	4.2
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB3	16	4.2
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB1	4	4.2
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB2	4	4.2
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB3	4	4.2
(2,2077)	1:31:A:PRO:HD2	1:143:A:TRP:HA	13	4.2
(2,2077)	1:31:A:PRO:HD3	1:143:A:TRP:HA	13	4.2
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD11	15	4.2
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD12	15	4.2
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD13	15	4.2
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD11	15	4.2
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD12	15	4.2
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD13	15	4.2
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD11	15	4.2
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD12	15	4.2
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD13	15	4.2
(1,1626)	1:21:A:THR:HB	1:24:A:ASP:HA	13	4.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1626)	1:21:A:THR:HB	1:24:A:ASP:HA	19	4.2
(33,1620)	1:31:A:PRO:HG2	1:80:A:TYR:HB3	18	4.19
(33,1620)	1:31:A:PRO:HG3	1:80:A:TYR:HB3	18	4.19
(32,1418)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	12	4.19
(32,1418)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	12	4.19
(30,2060)	1:31:A:PRO:HD2	1:143:A:TRP:HA	2	4.19
(30,2060)	1:31:A:PRO:HD3	1:143:A:TRP:HA	2	4.19
(19,24)	1:59:A:CYS:SG	1:56:A:CYS:CB	1	4.19
(18,1373)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	16	4.19
(18,1373)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	16	4.19
(18,1373)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	16	4.19
(18,1373)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	16	4.19
(18,1373)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	16	4.19
(18,1373)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	16	4.19
(7,2004)	1:27:A:ARG:HA	1:31:A:PRO:HD2	8	4.19
(7,2004)	1:27:A:ARG:HA	1:31:A:PRO:HD3	8	4.19
(5,2146)	1:43:A:MET:HE1	1:144:A:LEU:HB2	19	4.19
(5,2146)	1:43:A:MET:HE1	1:144:A:LEU:HB3	19	4.19
(5,2146)	1:43:A:MET:HE2	1:144:A:LEU:HB2	19	4.19
(5,2146)	1:43:A:MET:HE2	1:144:A:LEU:HB3	19	4.19
(5,2146)	1:43:A:MET:HE3	1:144:A:LEU:HB2	19	4.19
(5,2146)	1:43:A:MET:HE3	1:144:A:LEU:HB3	19	4.19
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB2	11	4.19
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB3	11	4.19
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB2	11	4.19
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB3	11	4.19
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	5	4.18
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	5	4.18
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	5	4.18
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	5	4.18
(30,66)	1:33:A:LYS:HB2	1:81:A:GLU:H	17	4.18
(30,66)	1:33:A:LYS:HB3	1:81:A:GLU:H	17	4.18
(19,24)	1:59:A:CYS:SG	1:56:A:CYS:CB	11	4.18
(17,2074)	1:31:A:PRO:HD2	1:143:A:TRP:HA	19	4.18
(17,2074)	1:31:A:PRO:HD3	1:143:A:TRP:HA	19	4.18
(16,720)	1:44:A:GLU:HB2	1:48:A:ARG:HE	7	4.18
(16,720)	1:44:A:GLU:HB3	1:48:A:ARG:HE	7	4.18
(15,714)	1:44:A:GLU:HB2	1:48:A:ARG:HE	7	4.18
(15,714)	1:44:A:GLU:HB3	1:48:A:ARG:HE	7	4.18
(15,70)	1:33:A:LYS:HB2	1:81:A:GLU:H	17	4.18
(15,70)	1:33:A:LYS:HB3	1:81:A:GLU:H	17	4.18
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE1	7	4.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE2	7	4.18
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE3	7	4.18
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE1	7	4.18
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE2	7	4.18
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE3	7	4.18
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG2	16	4.18
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG3	16	4.18
(19,24)	1:59:A:CYS:SG	1:56:A:CYS:CB	3	4.17
(18,1439)	1:31:A:PRO:HD3	1:140:A:LEU:HG	10	4.17
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG11	14	4.17
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG12	14	4.17
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG13	14	4.17
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG21	14	4.17
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG22	14	4.17
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG23	14	4.17
(3,1465)	1:31:A:PRO:HD3	1:143:A:TRP:HA	19	4.17
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB2	3	4.16
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB3	3	4.16
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD11	1	4.16
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD12	1	4.16
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD13	1	4.16
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	10	4.16
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	10	4.16
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	10	4.16
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	10	4.16
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	17	4.16
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	17	4.16
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	17	4.16
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	17	4.16
(5,1143)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	3	4.16
(5,1143)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	3	4.16
(5,1143)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	3	4.16
(5,1143)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	3	4.16
(5,1143)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	3	4.16
(5,1143)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	3	4.16
(30,922)	1:34:A:LYS:H	1:81:A:GLU:HG2	14	4.15
(30,922)	1:34:A:LYS:H	1:81:A:GLU:HG3	14	4.15
(29,2443)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	13	4.15
(29,2443)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	13	4.15
(29,2443)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	13	4.15
(29,2443)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	13	4.15
(29,2443)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	13	4.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2443)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	13	4.15
(29,2443)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	13	4.15
(29,2443)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	13	4.15
(29,2443)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	13	4.15
(29,2443)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	13	4.15
(29,2443)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	13	4.15
(29,2443)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	13	4.15
(19,17)	1:56:A:CYS:SG	1:120:A:CYS:CB	11	4.15
(19,3)	1:120:A:CYS:SG	1:123:A:CYS:CB	3	4.15
(16,1834)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	18	4.15
(16,1834)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	18	4.15
(16,1834)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	18	4.15
(16,1834)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	18	4.15
(15,2494)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	13	4.15
(15,2494)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	13	4.15
(15,2494)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	13	4.15
(15,2494)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	13	4.15
(15,2494)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	13	4.15
(15,2494)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	13	4.15
(15,2494)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	13	4.15
(15,2494)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	13	4.15
(15,2494)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	13	4.15
(15,2494)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	13	4.15
(15,2494)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	13	4.15
(15,2494)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	13	4.15
(13,908)	1:34:A:LYS:H	1:81:A:GLU:HG2	14	4.15
(13,908)	1:34:A:LYS:H	1:81:A:GLU:HG3	14	4.15
(9,2431)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	13	4.15
(9,2431)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	13	4.15
(9,2431)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	13	4.15
(9,2431)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	13	4.15
(9,2431)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	13	4.15
(9,2431)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	13	4.15
(9,2431)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	13	4.15
(9,2431)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	13	4.15
(9,2431)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	13	4.15
(9,2431)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	13	4.15
(9,2431)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	13	4.15
(9,2431)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	13	4.15
(7,914)	1:34:A:LYS:H	1:81:A:GLU:HG2	14	4.15
(7,914)	1:34:A:LYS:H	1:81:A:GLU:HG3	14	4.15
(5,925)	1:34:A:LYS:H	1:81:A:GLU:HG2	14	4.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,925)	1:34:A:LYS:H	1:81:A:GLU:HG3	14	4.15
(3,943)	1:34:A:LYS:H	1:81:A:GLU:HG2	14	4.15
(3,943)	1:34:A:LYS:H	1:81:A:GLU:HG3	14	4.15
(2,917)	1:34:A:LYS:H	1:81:A:GLU:HG2	14	4.15
(2,917)	1:34:A:LYS:H	1:81:A:GLU:HG3	14	4.15
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG11	5	4.15
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG12	5	4.15
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG13	5	4.15
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG21	5	4.15
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG22	5	4.15
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG23	5	4.15
(1,1626)	1:21:A:THR:HB	1:24:A:ASP:HA	2	4.15
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	7	4.14
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	7	4.14
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	7	4.14
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD21	4	4.14
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD22	4	4.14
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD23	4	4.14
(33,1131)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	13	4.14
(33,1131)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	13	4.14
(33,1131)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	13	4.14
(33,1131)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	13	4.14
(33,1131)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	13	4.14
(33,1131)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	13	4.14
(32,2034)	1:30:A:LEU:HD11	1:143:A:TRP:HZ3	6	4.14
(32,2034)	1:30:A:LEU:HD12	1:143:A:TRP:HZ3	6	4.14
(32,2034)	1:30:A:LEU:HD13	1:143:A:TRP:HZ3	6	4.14
(32,2034)	1:30:A:LEU:HD21	1:143:A:TRP:HZ3	6	4.14
(32,2034)	1:30:A:LEU:HD22	1:143:A:TRP:HZ3	6	4.14
(32,2034)	1:30:A:LEU:HD23	1:143:A:TRP:HZ3	6	4.14
(29,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HB	3	4.14
(29,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HB	3	4.14
(19,24)	1:59:A:CYS:SG	1:56:A:CYS:CB	17	4.14
(19,3)	1:120:A:CYS:SG	1:123:A:CYS:CB	8	4.14
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD21	4	4.14
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD22	4	4.14
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD23	4	4.14
(11,936)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	14	4.14
(11,936)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	14	4.14
(11,936)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	14	4.14
(11,936)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	14	4.14
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG11	15	4.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG12	15	4.14
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG13	15	4.14
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG21	15	4.14
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG22	15	4.14
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG23	15	4.14
(7,918)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	14	4.14
(7,918)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	14	4.14
(7,918)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	14	4.14
(7,918)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	14	4.14
(6,921)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	14	4.14
(6,921)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	14	4.14
(6,921)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	14	4.14
(6,921)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	14	4.14
(5,1206)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	11	4.14
(5,1206)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	11	4.14
(5,1206)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	11	4.14
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB1	1	4.14
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB2	1	4.14
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB3	1	4.14
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG21	13	4.14
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG22	13	4.14
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG23	13	4.14
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG21	13	4.14
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG22	13	4.14
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG23	13	4.14
(33,1618)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	2	4.13
(33,558)	1:10:A:ASN:HD21	1:14:A:VAL:HB	14	4.13
(32,2035)	1:30:A:LEU:HD11	1:143:A:TRP:HH2	6	4.13
(32,2035)	1:30:A:LEU:HD12	1:143:A:TRP:HH2	6	4.13
(32,2035)	1:30:A:LEU:HD13	1:143:A:TRP:HH2	6	4.13
(32,2035)	1:30:A:LEU:HD21	1:143:A:TRP:HH2	6	4.13
(32,2035)	1:30:A:LEU:HD22	1:143:A:TRP:HH2	6	4.13
(32,2035)	1:30:A:LEU:HD23	1:143:A:TRP:HH2	6	4.13
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD11	12	4.13
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD12	12	4.13
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD13	12	4.13
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD21	12	4.13
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD22	12	4.13
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD23	12	4.13
(32,1418)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	10	4.13
(32,1418)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	10	4.13
(16,1615)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	2	4.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,566)	1:10:A:ASN:HD21	1:14:A:VAL:HB	14	4.13
(13,555)	1:10:A:ASN:HD21	1:14:A:VAL:HB	14	4.13
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD2	5	4.13
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD3	5	4.13
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD2	5	4.13
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD3	5	4.13
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD2	5	4.13
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD3	5	4.13
(7,560)	1:10:A:ASN:HD21	1:14:A:VAL:HB	14	4.13
(5,555)	1:10:A:ASN:HD21	1:14:A:VAL:HB	14	4.13
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	6	4.13
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	6	4.13
(1,564)	1:10:A:ASN:HD21	1:14:A:VAL:HB	14	4.13
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD11	11	4.12
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD12	11	4.12
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD13	11	4.12
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG21	14	4.12
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG22	14	4.12
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG23	14	4.12
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG11	5	4.12
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG12	5	4.12
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG13	5	4.12
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG21	5	4.12
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG22	5	4.12
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG23	5	4.12
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG11	5	4.12
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG12	5	4.12
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG13	5	4.12
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG21	5	4.12
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG22	5	4.12
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG23	5	4.12
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG11	5	4.12
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG12	5	4.12
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG13	5	4.12
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG21	5	4.12
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG22	5	4.12
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG23	5	4.12
(5,1561)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	3	4.12
(5,1561)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	3	4.12
(5,1561)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	3	4.12
(5,1561)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	3	4.12
(5,1561)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	3	4.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1561)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	3	4.12
(4,1930)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	5	4.12
(4,1930)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	5	4.12
(4,1930)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	5	4.12
(4,1930)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	5	4.12
(1,913)	1:66:A:THR:HG21	1:95:A:ILE:HB	17	4.12
(1,913)	1:66:A:THR:HG22	1:95:A:ILE:HB	17	4.12
(1,913)	1:66:A:THR:HG23	1:95:A:ILE:HB	17	4.12
(30,2060)	1:31:A:PRO:HD2	1:143:A:TRP:HA	15	4.11
(30,2060)	1:31:A:PRO:HD3	1:143:A:TRP:HA	15	4.11
(19,8)	1:123:A:CYS:SG	1:59:A:CYS:CB	19	4.11
(17,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	15	4.11
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG21	4	4.11
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG22	4	4.11
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG23	4	4.11
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG21	4	4.11
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG22	4	4.11
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG23	4	4.11
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG21	4	4.11
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG22	4	4.11
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG23	4	4.11
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG11	4	4.11
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG12	4	4.11
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG13	4	4.11
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG11	4	4.11
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG12	4	4.11
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG13	4	4.11
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG11	4	4.11
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG12	4	4.11
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG13	4	4.11
(1,2053)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	19	4.11
(1,2053)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	19	4.11
(1,2053)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	19	4.11
(1,2053)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	19	4.11
(1,2053)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	19	4.11
(1,2053)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	19	4.11
(1,2053)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	19	4.11
(1,2053)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	19	4.11
(1,2053)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	19	4.11
(1,2053)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	19	4.11
(1,2053)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	19	4.11
(1,2053)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	19	4.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG2	13	4.11
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG3	13	4.11
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG2	13	4.11
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG3	13	4.11
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD11	5	4.1
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD12	5	4.1
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD13	5	4.1
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB1	15	4.1
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB2	15	4.1
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB3	15	4.1
(29,2443)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	7	4.1
(29,2443)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	7	4.1
(29,2443)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	7	4.1
(29,2443)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	7	4.1
(29,2443)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	7	4.1
(29,2443)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	7	4.1
(29,2443)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	7	4.1
(29,2443)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	7	4.1
(29,2443)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	7	4.1
(29,2443)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	7	4.1
(29,2443)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	7	4.1
(29,2443)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	7	4.1
(20,6)	1:52:A:CYS:SG	1:56:A:CYS:SG	4	4.1
(17,853)	1:43:A:MET:HE1	1:144:A:LEU:HB3	9	4.1
(17,853)	1:43:A:MET:HE2	1:144:A:LEU:HB3	9	4.1
(17,853)	1:43:A:MET:HE3	1:144:A:LEU:HB3	9	4.1
(17,853)	1:43:A:MET:HE1	1:144:A:LEU:HB2	9	4.1
(17,853)	1:43:A:MET:HE2	1:144:A:LEU:HB2	9	4.1
(17,853)	1:43:A:MET:HE3	1:144:A:LEU:HB2	9	4.1
(15,2494)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	7	4.1
(15,2494)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	7	4.1
(15,2494)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	7	4.1
(15,2494)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	7	4.1
(15,2494)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	7	4.1
(15,2494)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	7	4.1
(15,2494)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	7	4.1
(15,2494)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	7	4.1
(15,2494)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	7	4.1
(15,2494)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	7	4.1
(15,2494)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	7	4.1
(15,2494)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	7	4.1
(9,2431)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	7	4.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2431)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	7	4.1
(9,2431)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	7	4.1
(9,2431)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	7	4.1
(9,2431)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	7	4.1
(9,2431)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	7	4.1
(9,2431)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	7	4.1
(9,2431)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	7	4.1
(9,2431)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	7	4.1
(9,2431)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	7	4.1
(9,2431)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	7	4.1
(9,2431)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	7	4.1
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB1	15	4.1
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB2	15	4.1
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB3	15	4.1
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG11	16	4.1
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG12	16	4.1
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG13	16	4.1
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG21	16	4.1
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG22	16	4.1
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG23	16	4.1
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	13	4.1
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	13	4.1
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	13	4.1
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	13	4.1
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE1	12	4.09
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE2	12	4.09
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE3	12	4.09
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB2	2	4.09
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB2	2	4.09
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB2	2	4.09
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB3	2	4.09
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB3	2	4.09
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB3	2	4.09
(20,1)	1:120:A:CYS:SG	1:123:A:CYS:SG	3	4.09
(18,2054)	1:30:A:LEU:HD11	1:136:A:CYS:HA	4	4.09
(18,2054)	1:30:A:LEU:HD12	1:136:A:CYS:HA	4	4.09
(18,2054)	1:30:A:LEU:HD13	1:136:A:CYS:HA	4	4.09
(18,2054)	1:30:A:LEU:HD21	1:136:A:CYS:HA	4	4.09
(18,2054)	1:30:A:LEU:HD22	1:136:A:CYS:HA	4	4.09
(18,2054)	1:30:A:LEU:HD23	1:136:A:CYS:HA	4	4.09
(17,1141)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	3	4.09
(17,1141)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	3	4.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1141)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	3	4.09
(17,1141)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	3	4.09
(17,1141)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	3	4.09
(17,1141)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	3	4.09
(11,843)	1:43:A:MET:HE1	1:144:A:LEU:HB2	2	4.09
(11,843)	1:43:A:MET:HE2	1:144:A:LEU:HB2	2	4.09
(11,843)	1:43:A:MET:HE3	1:144:A:LEU:HB2	2	4.09
(11,843)	1:43:A:MET:HE1	1:144:A:LEU:HB3	2	4.09
(11,843)	1:43:A:MET:HE2	1:144:A:LEU:HB3	2	4.09
(11,843)	1:43:A:MET:HE3	1:144:A:LEU:HB3	2	4.09
(32,1709)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	2	4.08
(32,1709)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	2	4.08
(19,24)	1:59:A:CYS:SG	1:56:A:CYS:CB	9	4.08
(17,556)	1:10:A:ASN:HD21	1:14:A:VAL:HB	3	4.08
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG11	19	4.08
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG12	19	4.08
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG13	19	4.08
(13,698)	1:44:A:GLU:HB2	1:48:A:ARG:HE	7	4.08
(13,698)	1:44:A:GLU:HB3	1:48:A:ARG:HE	7	4.08
(9,2023)	1:23:A:LEU:HD11	1:147:A:ARG:H	9	4.08
(9,2023)	1:23:A:LEU:HD12	1:147:A:ARG:H	9	4.08
(9,2023)	1:23:A:LEU:HD13	1:147:A:ARG:H	9	4.08
(9,2023)	1:23:A:LEU:HD21	1:147:A:ARG:H	9	4.08
(9,2023)	1:23:A:LEU:HD22	1:147:A:ARG:H	9	4.08
(9,2023)	1:23:A:LEU:HD23	1:147:A:ARG:H	9	4.08
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE1	15	4.07
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE2	15	4.07
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE3	15	4.07
(34,1655)	1:31:A:PRO:HD3	1:140:A:LEU:HA	12	4.07
(18,1629)	1:31:A:PRO:HD3	1:140:A:LEU:HA	12	4.07
(17,714)	1:44:A:GLU:HB2	1:48:A:ARG:HE	7	4.07
(17,714)	1:44:A:GLU:HB3	1:48:A:ARG:HE	7	4.07
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG11	6	4.07
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG12	6	4.07
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG13	6	4.07
(9,965)	1:141:A:LYS:HB2	1:149:A:ALA:HA	10	4.07
(9,965)	1:141:A:LYS:HB3	1:149:A:ALA:HA	10	4.07
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD11	3	4.07
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD12	3	4.07
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD13	3	4.07
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD21	3	4.07
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD22	3	4.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD23	3	4.07
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD11	3	4.07
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD12	3	4.07
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD13	3	4.07
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD21	3	4.07
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD22	3	4.07
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD23	3	4.07
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD11	3	4.07
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD12	3	4.07
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD13	3	4.07
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD21	3	4.07
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD22	3	4.07
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD23	3	4.07
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE1	9	4.07
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE2	9	4.07
(32,1830)	1:18:A:PHE:HA	1:113:A:PHE:HE1	12	4.06
(32,1830)	1:18:A:PHE:HA	1:113:A:PHE:HE2	12	4.06
(29,1882)	1:18:A:PHE:HA	1:113:A:PHE:HE1	12	4.06
(29,1882)	1:18:A:PHE:HA	1:113:A:PHE:HE2	12	4.06
(16,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	16	4.06
(16,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	16	4.06
(16,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	16	4.06
(16,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	16	4.06
(16,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	16	4.06
(16,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	16	4.06
(16,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	16	4.06
(16,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	16	4.06
(16,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	16	4.06
(16,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	16	4.06
(16,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	16	4.06
(16,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	16	4.06
(15,2495)	1:144:A:LEU:HD11	1:147:A:ARG:HE	13	4.06
(15,2495)	1:144:A:LEU:HD12	1:147:A:ARG:HE	13	4.06
(15,2495)	1:144:A:LEU:HD13	1:147:A:ARG:HE	13	4.06
(15,2495)	1:144:A:LEU:HD21	1:147:A:ARG:HE	13	4.06
(15,2495)	1:144:A:LEU:HD22	1:147:A:ARG:HE	13	4.06
(15,2495)	1:144:A:LEU:HD23	1:147:A:ARG:HE	13	4.06
(5,1143)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	7	4.06
(5,1143)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	7	4.06
(5,1143)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	7	4.06
(5,1143)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	7	4.06
(5,1143)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	7	4.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1143)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	7	4.06
(3,1875)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	7	4.06
(3,1875)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	7	4.06
(3,1875)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	7	4.06
(3,1875)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	7	4.06
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD21	16	4.06
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD22	16	4.06
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD23	16	4.06
(33,2498)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	17	4.05
(33,2498)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	17	4.05
(33,2498)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	17	4.05
(33,2498)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	17	4.05
(33,2498)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	17	4.05
(33,2498)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	17	4.05
(33,2498)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	17	4.05
(33,2498)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	17	4.05
(33,2498)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	17	4.05
(33,2498)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	17	4.05
(33,2498)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	17	4.05
(33,2498)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	17	4.05
(29,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HB	19	4.05
(29,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HB	19	4.05
(17,1567)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	3	4.05
(17,1567)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	3	4.05
(17,1567)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	3	4.05
(17,1567)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	3	4.05
(17,1567)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	3	4.05
(17,1567)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	3	4.05
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	19	4.05
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	19	4.05
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	19	4.05
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	19	4.05
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	19	4.05
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	19	4.05
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	19	4.05
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	19	4.05
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	19	4.05
(13,1934)	1:12:A:VAL:HG11	1:32:A:GLY:HA2	1	4.05
(13,1934)	1:12:A:VAL:HG12	1:32:A:GLY:HA2	1	4.05
(13,1934)	1:12:A:VAL:HG13	1:32:A:GLY:HA2	1	4.05
(13,1934)	1:12:A:VAL:HG21	1:32:A:GLY:HA2	1	4.05
(13,1934)	1:12:A:VAL:HG22	1:32:A:GLY:HA2	1	4.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1934)	1:12:A:VAL:HG23	1:32:A:GLY:HA2	1	4.05
(11,1239)	1:34:A:LYS:H	1:81:A:GLU:HA	14	4.05
(7,1690)	1:21:A:THR:HG21	1:147:A:ARG:HE	6	4.05
(7,1690)	1:21:A:THR:HG22	1:147:A:ARG:HE	6	4.05
(7,1690)	1:21:A:THR:HG23	1:147:A:ARG:HE	6	4.05
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG21	13	4.05
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG22	13	4.05
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG23	13	4.05
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG21	13	4.05
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG22	13	4.05
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG23	13	4.05
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG21	13	4.05
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG22	13	4.05
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG23	13	4.05
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD21	7	4.04
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD22	7	4.04
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD23	7	4.04
(33,1618)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	14	4.04
(30,2060)	1:31:A:PRO:HD2	1:143:A:TRP:HA	12	4.04
(30,2060)	1:31:A:PRO:HD3	1:143:A:TRP:HA	12	4.04
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB2	15	4.04
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB2	15	4.04
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB2	15	4.04
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB3	15	4.04
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB3	15	4.04
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB3	15	4.04
(29,2444)	1:144:A:LEU:HD11	1:147:A:ARG:HE	13	4.04
(29,2444)	1:144:A:LEU:HD12	1:147:A:ARG:HE	13	4.04
(29,2444)	1:144:A:LEU:HD13	1:147:A:ARG:HE	13	4.04
(29,2444)	1:144:A:LEU:HD21	1:147:A:ARG:HE	13	4.04
(29,2444)	1:144:A:LEU:HD22	1:147:A:ARG:HE	13	4.04
(29,2444)	1:144:A:LEU:HD23	1:147:A:ARG:HE	13	4.04
(20,4)	1:52:A:CYS:SG	1:123:A:CYS:SG	5	4.04
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD11	9	4.04
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD12	9	4.04
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD13	9	4.04
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD21	9	4.04
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD22	9	4.04
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD23	9	4.04
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD11	9	4.04
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD12	9	4.04
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD13	9	4.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD21	9	4.04
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD22	9	4.04
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD23	9	4.04
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD11	9	4.04
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD12	9	4.04
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD13	9	4.04
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD21	9	4.04
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD22	9	4.04
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD23	9	4.04
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	2	4.04
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	2	4.04
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	2	4.04
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	2	4.04
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	2	4.04
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	2	4.04
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	2	4.04
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	2	4.04
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	2	4.04
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	2	4.04
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	2	4.04
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	2	4.04
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	2	4.04
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	2	4.04
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	2	4.04
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	2	4.04
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	2	4.04
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	2	4.04
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD11	3	4.04
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD12	3	4.04
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD13	3	4.04
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD21	3	4.04
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD22	3	4.04
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD23	3	4.04
(16,1698)	1:27:A:ARG:HA	1:31:A:PRO:HD2	15	4.04
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG11	11	4.04
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG12	11	4.04
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG13	11	4.04
(16,1615)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	14	4.04
(16,942)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	14	4.04
(16,942)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	14	4.04
(16,942)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	14	4.04
(16,942)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	14	4.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD21	7	4.04
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD22	7	4.04
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD23	7	4.04
(11,843)	1:43:A:MET:HE1	1:144:A:LEU:HB2	15	4.04
(11,843)	1:43:A:MET:HE2	1:144:A:LEU:HB2	15	4.04
(11,843)	1:43:A:MET:HE3	1:144:A:LEU:HB2	15	4.04
(11,843)	1:43:A:MET:HE1	1:144:A:LEU:HB3	15	4.04
(11,843)	1:43:A:MET:HE2	1:144:A:LEU:HB3	15	4.04
(11,843)	1:43:A:MET:HE3	1:144:A:LEU:HB3	15	4.04
(7,835)	1:43:A:MET:HE1	1:131:A:LEU:HB3	18	4.04
(7,835)	1:43:A:MET:HE2	1:131:A:LEU:HB3	18	4.04
(7,835)	1:43:A:MET:HE3	1:131:A:LEU:HB3	18	4.04
(5,1961)	1:10:A:ASN:HD21	1:14:A:VAL:HB	3	4.04
(5,1961)	1:10:A:ASN:HD22	1:14:A:VAL:HB	3	4.04
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG11	11	4.04
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG12	11	4.04
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG13	11	4.04
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG11	12	4.04
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG12	12	4.04
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG13	12	4.04
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG21	12	4.04
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG22	12	4.04
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG23	12	4.04
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG11	11	4.04
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG12	11	4.04
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG13	11	4.04
(1,1626)	1:21:A:THR:HB	1:24:A:ASP:HA	7	4.04
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB2	14	4.03
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB3	14	4.03
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG2	16	4.03
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG3	16	4.03
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD11	16	4.03
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD12	16	4.03
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD13	16	4.03
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD21	16	4.03
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD22	16	4.03
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD23	16	4.03
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD11	16	4.03
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD12	16	4.03
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD13	16	4.03
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD21	16	4.03
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD22	16	4.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD23	16	4.03
(19,24)	1:59:A:CYS:SG	1:56:A:CYS:CB	7	4.03
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG2	16	4.03
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG3	16	4.03
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	15	4.03
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	15	4.03
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	15	4.03
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	15	4.03
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	12	4.03
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	12	4.03
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	12	4.03
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG11	8	4.03
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG12	8	4.03
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG13	8	4.03
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG21	8	4.03
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG22	8	4.03
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG23	8	4.03
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	12	4.03
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	12	4.03
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	12	4.03
(29,939)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	14	4.02
(29,939)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	14	4.02
(29,939)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	14	4.02
(29,939)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	14	4.02
(19,23)	1:59:A:CYS:SG	1:123:A:CYS:CB	18	4.02
(5,931)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	14	4.02
(5,931)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	14	4.02
(5,931)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	14	4.02
(5,931)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	14	4.02
(3,1122)	1:31:A:PRO:HG2	1:143:A:TRP:HA	3	4.02
(3,1122)	1:31:A:PRO:HG3	1:143:A:TRP:HA	3	4.02
(3,946)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	14	4.02
(3,946)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	14	4.02
(3,946)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	14	4.02
(3,946)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	14	4.02
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD11	9	4.02
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD12	9	4.02
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD13	9	4.02
(1,1626)	1:21:A:THR:HB	1:24:A:ASP:HA	9	4.02
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE1	14	4.01
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE2	14	4.01
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE3	14	4.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,697)	1:10:A:ASN:HD22	1:14:A:VAL:HB	15	4.01
(30,2060)	1:31:A:PRO:HD2	1:143:A:TRP:HA	13	4.01
(30,2060)	1:31:A:PRO:HD3	1:143:A:TRP:HA	13	4.01
(30,1096)	1:31:A:PRO:HG2	1:143:A:TRP:HA	15	4.01
(30,1096)	1:31:A:PRO:HG3	1:143:A:TRP:HA	15	4.01
(20,9)	1:56:A:CYS:SG	1:127:A:CYS:SG	12	4.01
(20,8)	1:56:A:CYS:SG	1:123:A:CYS:SG	4	4.01
(17,1966)	1:10:A:ASN:HD21	1:14:A:VAL:HB	3	4.01
(17,1966)	1:10:A:ASN:HD22	1:14:A:VAL:HB	3	4.01
(17,1112)	1:31:A:PRO:HG2	1:143:A:TRP:HA	3	4.01
(17,1112)	1:31:A:PRO:HG3	1:143:A:TRP:HA	3	4.01
(17,937)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	14	4.01
(17,937)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	14	4.01
(17,937)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	14	4.01
(17,937)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	14	4.01
(16,1033)	1:34:A:LYS:H	1:81:A:GLU:HB2	14	4.01
(16,706)	1:10:A:ASN:HD22	1:14:A:VAL:HB	15	4.01
(13,684)	1:10:A:ASN:HD22	1:14:A:VAL:HB	15	4.01
(9,2432)	1:144:A:LEU:HD11	1:147:A:ARG:HE	13	4.01
(9,2432)	1:144:A:LEU:HD12	1:147:A:ARG:HE	13	4.01
(9,2432)	1:144:A:LEU:HD13	1:147:A:ARG:HE	13	4.01
(9,2432)	1:144:A:LEU:HD21	1:147:A:ARG:HE	13	4.01
(9,2432)	1:144:A:LEU:HD22	1:147:A:ARG:HE	13	4.01
(9,2432)	1:144:A:LEU:HD23	1:147:A:ARG:HE	13	4.01
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG11	4	4.01
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG12	4	4.01
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG13	4	4.01
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG21	4	4.01
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG22	4	4.01
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG23	4	4.01
(7,694)	1:10:A:ASN:HD22	1:14:A:VAL:HB	15	4.01
(6,62)	1:32:A:GLY:HA2	1:81:A:GLU:H	18	4.01
(5,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	15	4.01
(4,1002)	1:34:A:LYS:H	1:81:A:GLU:HB2	14	4.01
(3,1030)	1:34:A:LYS:H	1:81:A:GLU:HB2	14	4.01
(1,1736)	1:20:A:THR:HG21	1:134:A:VAL:HB	17	4.01
(1,1736)	1:20:A:THR:HG22	1:134:A:VAL:HB	17	4.01
(1,1736)	1:20:A:THR:HG23	1:134:A:VAL:HB	17	4.01
(1,707)	1:10:A:ASN:HD22	1:14:A:VAL:HB	15	4.01
(33,573)	1:16:A:SER:H	1:131:A:LEU:HB3	13	4.0
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD11	4	4.0
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD12	4	4.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD13	4	4.0
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD21	4	4.0
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD22	4	4.0
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD23	4	4.0
(32,1706)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	12	4.0
(32,1706)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	12	4.0
(19,24)	1:59:A:CYS:SG	1:56:A:CYS:CB	6	4.0
(19,24)	1:59:A:CYS:SG	1:56:A:CYS:CB	15	4.0
(19,17)	1:56:A:CYS:SG	1:120:A:CYS:CB	9	4.0
(19,4)	1:123:A:CYS:SG	1:120:A:CYS:CB	14	4.0
(18,939)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	14	4.0
(18,939)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	14	4.0
(18,939)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	14	4.0
(18,939)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	14	4.0
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	4	4.0
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	4	4.0
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	4	4.0
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	4	4.0
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG11	9	4.0
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG12	9	4.0
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG13	9	4.0
(6,62)	1:32:A:GLY:HA2	1:81:A:GLU:H	7	4.0
(3,1122)	1:31:A:PRO:HG2	1:143:A:TRP:HA	19	4.0
(3,1122)	1:31:A:PRO:HG3	1:143:A:TRP:HA	19	4.0
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD21	19	4.0
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD22	19	4.0
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD23	19	4.0
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD21	19	4.0
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD22	19	4.0
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD23	19	4.0
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD21	19	4.0
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD22	19	4.0
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD23	19	4.0
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD11	2	3.99
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD12	2	3.99
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD13	2	3.99
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD11	2	3.99
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD12	2	3.99
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD13	2	3.99
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD11	2	3.99
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD12	2	3.99
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD13	2	3.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1682)	1:43:A:MET:HE1	1:131:A:LEU:HA	18	3.99
(18,1682)	1:43:A:MET:HE2	1:131:A:LEU:HA	18	3.99
(18,1682)	1:43:A:MET:HE3	1:131:A:LEU:HA	18	3.99
(17,2482)	1:144:A:LEU:HD11	1:147:A:ARG:HE	13	3.99
(17,2482)	1:144:A:LEU:HD12	1:147:A:ARG:HE	13	3.99
(17,2482)	1:144:A:LEU:HD13	1:147:A:ARG:HE	13	3.99
(17,2482)	1:144:A:LEU:HD21	1:147:A:ARG:HE	13	3.99
(17,2482)	1:144:A:LEU:HD22	1:147:A:ARG:HE	13	3.99
(17,2482)	1:144:A:LEU:HD23	1:147:A:ARG:HE	13	3.99
(17,1141)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	7	3.99
(17,1141)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	7	3.99
(17,1141)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	7	3.99
(17,1141)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	7	3.99
(17,1141)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	7	3.99
(17,1141)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	7	3.99
(17,1112)	1:31:A:PRO:HG2	1:143:A:TRP:HA	19	3.99
(17,1112)	1:31:A:PRO:HG3	1:143:A:TRP:HA	19	3.99
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	7	3.99
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	7	3.99
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	7	3.99
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	7	3.99
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	2	3.99
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	2	3.99
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	2	3.99
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	2	3.99
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	2	3.99
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	2	3.99
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	2	3.99
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	2	3.99
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	2	3.99
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD11	18	3.99
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD12	18	3.99
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD13	18	3.99
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD21	18	3.99
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD22	18	3.99
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD23	18	3.99
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG11	16	3.99
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG12	16	3.99
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG13	16	3.99
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG21	16	3.99
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG22	16	3.99
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG23	16	3.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG11	16	3.99
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG12	16	3.99
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG13	16	3.99
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG21	16	3.99
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG22	16	3.99
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG23	16	3.99
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG11	16	3.99
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG12	16	3.99
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG13	16	3.99
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG21	16	3.99
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG22	16	3.99
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG23	16	3.99
(5,2472)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	17	3.99
(5,2472)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	17	3.99
(5,2472)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	17	3.99
(5,2472)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	17	3.99
(5,2472)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	17	3.99
(5,2472)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	17	3.99
(5,2472)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	17	3.99
(5,2472)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	17	3.99
(5,2472)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	17	3.99
(5,2472)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	17	3.99
(5,2472)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	17	3.99
(5,2472)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	17	3.99
(5,1561)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	7	3.99
(5,1561)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	7	3.99
(5,1561)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	7	3.99
(5,1561)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	7	3.99
(5,1561)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	7	3.99
(5,1561)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	7	3.99
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD11	15	3.99
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD12	15	3.99
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD13	15	3.99
(2,1095)	1:31:A:PRO:HG2	1:143:A:TRP:HA	15	3.99
(2,1095)	1:31:A:PRO:HG3	1:143:A:TRP:HA	15	3.99
(1,2053)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	1	3.99
(1,2053)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	1	3.99
(1,2053)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	1	3.99
(1,2053)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	1	3.99
(1,2053)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	1	3.99
(1,2053)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	1	3.99
(1,2053)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	1	3.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2053)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	1	3.99
(1,2053)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	1	3.99
(1,2053)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	1	3.99
(1,2053)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	1	3.99
(1,2053)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	1	3.99
(1,1626)	1:21:A:THR:HB	1:24:A:ASP:HA	1	3.99
(1,192)	1:68:A:LYS:HE2	1:93:A:GLU:H	4	3.99
(1,192)	1:68:A:LYS:HE3	1:93:A:GLU:H	4	3.99
(33,558)	1:10:A:ASN:HD21	1:14:A:VAL:HB	3	3.98
(20,4)	1:52:A:CYS:SG	1:123:A:CYS:SG	1	3.98
(19,4)	1:123:A:CYS:SG	1:120:A:CYS:CB	7	3.98
(17,2481)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	17	3.98
(17,2481)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	17	3.98
(17,2481)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	17	3.98
(17,2481)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	17	3.98
(17,2481)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	17	3.98
(17,2481)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	17	3.98
(17,2481)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	17	3.98
(17,2481)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	17	3.98
(17,2481)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	17	3.98
(17,2481)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	17	3.98
(17,2481)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	17	3.98
(17,2481)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	17	3.98
(16,566)	1:10:A:ASN:HD21	1:14:A:VAL:HB	3	3.98
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG11	1	3.98
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG12	1	3.98
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG13	1	3.98
(13,555)	1:10:A:ASN:HD21	1:14:A:VAL:HB	3	3.98
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD11	14	3.98
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD12	14	3.98
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD13	14	3.98
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD21	14	3.98
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD22	14	3.98
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD23	14	3.98
(7,2004)	1:27:A:ARG:HA	1:31:A:PRO:HD2	5	3.98
(7,2004)	1:27:A:ARG:HA	1:31:A:PRO:HD3	5	3.98
(7,560)	1:10:A:ASN:HD21	1:14:A:VAL:HB	3	3.98
(5,2146)	1:43:A:MET:HE1	1:144:A:LEU:HB2	3	3.98
(5,2146)	1:43:A:MET:HE1	1:144:A:LEU:HB3	3	3.98
(5,2146)	1:43:A:MET:HE2	1:144:A:LEU:HB2	3	3.98
(5,2146)	1:43:A:MET:HE2	1:144:A:LEU:HB3	3	3.98
(5,2146)	1:43:A:MET:HE3	1:144:A:LEU:HB2	3	3.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2146)	1:43:A:MET:HE3	1:144:A:LEU:HB3	3	3.98
(5,555)	1:10:A:ASN:HD21	1:14:A:VAL:HB	3	3.98
(2,1272)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	17	3.98
(2,1272)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	17	3.98
(2,1272)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	17	3.98
(2,1136)	1:10:A:ASN:HD22	1:80:A:TYR:HA	17	3.98
(1,564)	1:10:A:ASN:HD21	1:14:A:VAL:HB	3	3.98
(33,1538)	1:144:A:LEU:HD21	1:147:A:ARG:HE	13	3.97
(33,1538)	1:144:A:LEU:HD22	1:147:A:ARG:HE	13	3.97
(33,1538)	1:144:A:LEU:HD23	1:147:A:ARG:HE	13	3.97
(20,4)	1:52:A:CYS:SG	1:123:A:CYS:SG	3	3.97
(17,1566)	1:144:A:LEU:HD21	1:147:A:ARG:HE	13	3.97
(17,1566)	1:144:A:LEU:HD22	1:147:A:ARG:HE	13	3.97
(17,1566)	1:144:A:LEU:HD23	1:147:A:ARG:HE	13	3.97
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	8	3.97
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	8	3.97
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	8	3.97
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	8	3.97
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	8	3.97
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	8	3.97
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	8	3.97
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	8	3.97
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	8	3.97
(11,2075)	1:32:A:GLY:HA2	1:81:A:GLU:H	7	3.97
(11,2075)	1:32:A:GLY:HA3	1:81:A:GLU:H	7	3.97
(9,1749)	1:39:A:VAL:HB	1:139:A:LEU:HA	13	3.97
(9,1543)	1:144:A:LEU:HD21	1:147:A:ARG:HE	13	3.97
(9,1543)	1:144:A:LEU:HD22	1:147:A:ARG:HE	13	3.97
(9,1543)	1:144:A:LEU:HD23	1:147:A:ARG:HE	13	3.97
(7,1831)	1:18:A:PHE:HD1	1:113:A:PHE:HE1	12	3.97
(7,1831)	1:18:A:PHE:HD1	1:113:A:PHE:HE2	12	3.97
(7,1831)	1:18:A:PHE:HD2	1:113:A:PHE:HE1	12	3.97
(7,1831)	1:18:A:PHE:HD2	1:113:A:PHE:HE2	12	3.97
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD11	11	3.97
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD12	11	3.97
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD13	11	3.97
(3,947)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	14	3.97
(3,947)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	14	3.97
(3,947)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	14	3.97
(3,947)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	14	3.97
(2,1458)	1:30:A:LEU:HB2	1:145:A:PRO:HD2	9	3.97
(2,1458)	1:30:A:LEU:HB3	1:145:A:PRO:HD2	9	3.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(19,3)	1:120:A:CYS:SG	1:123:A:CYS:CB	10	3.96
(17,2074)	1:31:A:PRO:HD2	1:143:A:TRP:HA	2	3.96
(17,2074)	1:31:A:PRO:HD3	1:143:A:TRP:HA	2	3.96
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD21	9	3.96
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD22	9	3.96
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD23	9	3.96
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD21	9	3.96
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD22	9	3.96
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD23	9	3.96
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD21	9	3.96
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD22	9	3.96
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD23	9	3.96
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	13	3.96
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	13	3.96
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	13	3.96
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	13	3.96
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	13	3.96
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	13	3.96
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	13	3.96
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	13	3.96
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	13	3.96
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	13	3.96
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	13	3.96
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	13	3.96
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	13	3.96
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	13	3.96
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	13	3.96
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	13	3.96
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	13	3.96
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	13	3.96
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	3	3.96
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	3	3.96
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	3	3.96
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	3	3.96
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	3	3.96
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	3	3.96
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	3	3.96
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	3	3.96
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	3	3.96
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	3	3.96
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	3	3.96
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	3	3.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2075)	1:32:A:GLY:HA2	1:81:A:GLU:H	18	3.96
(11,2075)	1:32:A:GLY:HA3	1:81:A:GLU:H	18	3.96
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD11	15	3.96
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD12	15	3.96
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD13	15	3.96
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD21	15	3.96
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD22	15	3.96
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD23	15	3.96
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD11	15	3.96
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD12	15	3.96
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD13	15	3.96
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD21	15	3.96
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD22	15	3.96
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD23	15	3.96
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD11	15	3.96
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD12	15	3.96
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD13	15	3.96
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD21	15	3.96
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD22	15	3.96
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD23	15	3.96
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD21	2	3.96
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD22	2	3.96
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD23	2	3.96
(1,1114)	1:31:A:PRO:HG2	1:143:A:TRP:HA	3	3.96
(1,1114)	1:31:A:PRO:HG3	1:143:A:TRP:HA	3	3.96
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD11	14	3.95
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD12	14	3.95
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD13	14	3.95
(33,2499)	1:144:A:LEU:HD11	1:147:A:ARG:HE	13	3.95
(33,2499)	1:144:A:LEU:HD12	1:147:A:ARG:HE	13	3.95
(33,2499)	1:144:A:LEU:HD13	1:147:A:ARG:HE	13	3.95
(33,2499)	1:144:A:LEU:HD21	1:147:A:ARG:HE	13	3.95
(33,2499)	1:144:A:LEU:HD22	1:147:A:ARG:HE	13	3.95
(33,2499)	1:144:A:LEU:HD23	1:147:A:ARG:HE	13	3.95
(32,1188)	1:33:A:LYS:HB2	1:81:A:GLU:HA	11	3.95
(32,1188)	1:33:A:LYS:HB3	1:81:A:GLU:HA	11	3.95
(30,1217)	1:33:A:LYS:HB2	1:81:A:GLU:HA	11	3.95
(30,1217)	1:33:A:LYS:HB3	1:81:A:GLU:HA	11	3.95
(19,14)	1:52:A:CYS:SG	1:123:A:CYS:CB	10	3.95
(19,3)	1:120:A:CYS:SG	1:123:A:CYS:CB	16	3.95
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD11	11	3.95
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD12	11	3.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD13	11	3.95
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD21	11	3.95
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD22	11	3.95
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD23	11	3.95
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD11	11	3.95
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD12	11	3.95
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD13	11	3.95
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD21	11	3.95
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD22	11	3.95
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD23	11	3.95
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD11	11	3.95
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD12	11	3.95
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD13	11	3.95
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD21	11	3.95
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD22	11	3.95
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD23	11	3.95
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD21	1	3.95
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD22	1	3.95
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD23	1	3.95
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD21	1	3.95
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD22	1	3.95
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD23	1	3.95
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD21	1	3.95
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD22	1	3.95
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD23	1	3.95
(5,1961)	1:10:A:ASN:HD21	1:14:A:VAL:HB	19	3.95
(5,1961)	1:10:A:ASN:HD22	1:14:A:VAL:HB	19	3.95
(4,1839)	1:18:A:PHE:HA	1:113:A:PHE:HE1	17	3.95
(4,1839)	1:18:A:PHE:HA	1:113:A:PHE:HE2	17	3.95
(3,1465)	1:31:A:PRO:HD3	1:143:A:TRP:HA	2	3.95
(1,2056)	1:31:A:PRO:HD2	1:143:A:TRP:HA	1	3.95
(1,2056)	1:31:A:PRO:HD3	1:143:A:TRP:HA	1	3.95
(34,913)	1:67:A:PRO:HD3	1:95:A:ILE:HB	12	3.94
(32,1707)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	15	3.94
(32,1707)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	15	3.94
(30,888)	1:67:A:PRO:HD3	1:95:A:ILE:HB	12	3.94
(20,4)	1:52:A:CYS:SG	1:123:A:CYS:SG	17	3.94
(15,762)	1:13:A:ALA:HB1	1:34:A:LYS:H	14	3.94
(15,762)	1:13:A:ALA:HB2	1:34:A:LYS:H	14	3.94
(15,762)	1:13:A:ALA:HB3	1:34:A:LYS:H	14	3.94
(1,1114)	1:31:A:PRO:HG2	1:143:A:TRP:HA	19	3.94
(1,1114)	1:31:A:PRO:HG3	1:143:A:TRP:HA	19	3.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB2	13	3.94
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB3	13	3.94
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB2	13	3.94
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB3	13	3.94
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	14	3.93
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	14	3.93
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	14	3.93
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	14	3.93
(19,24)	1:59:A:CYS:SG	1:56:A:CYS:CB	2	3.93
(19,23)	1:59:A:CYS:SG	1:123:A:CYS:CB	5	3.93
(19,19)	1:56:A:CYS:SG	1:127:A:CYS:CB	12	3.93
(11,1239)	1:34:A:LYS:H	1:81:A:GLU:HA	6	3.93
(9,2002)	1:17:A:ASN:HD21	1:79:A:THR:H	19	3.93
(9,2002)	1:17:A:ASN:HD22	1:79:A:THR:H	19	3.93
(3,863)	1:43:A:MET:HE1	1:144:A:LEU:HB3	15	3.93
(3,863)	1:43:A:MET:HE2	1:144:A:LEU:HB3	15	3.93
(3,863)	1:43:A:MET:HE3	1:144:A:LEU:HB3	15	3.93
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG11	3	3.93
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG12	3	3.93
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG13	3	3.93
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG21	3	3.93
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG22	3	3.93
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG23	3	3.93
(1,1626)	1:21:A:THR:HB	1:24:A:ASP:HA	12	3.93
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB2	19	3.93
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB3	19	3.93
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB2	19	3.93
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB3	19	3.93
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	10	3.92
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	10	3.92
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	10	3.92
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	10	3.92
(32,1914)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	5	3.92
(32,1914)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	5	3.92
(32,1914)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	5	3.92
(32,1914)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	5	3.92
(19,24)	1:59:A:CYS:SG	1:56:A:CYS:CB	14	3.92
(17,2069)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	9	3.92
(17,2069)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	9	3.92
(17,2069)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	9	3.92
(17,2069)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	9	3.92
(17,2069)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	9	3.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2069)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	9	3.92
(17,2069)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	9	3.92
(17,2069)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	9	3.92
(17,2069)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	9	3.92
(17,2069)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	9	3.92
(17,2069)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	9	3.92
(17,2069)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	9	3.92
(17,1966)	1:10:A:ASN:HD21	1:14:A:VAL:HB	19	3.92
(17,1966)	1:10:A:ASN:HD22	1:14:A:VAL:HB	19	3.92
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	9	3.92
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	9	3.92
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	9	3.92
(17,1567)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	7	3.92
(17,1567)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	7	3.92
(17,1567)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	7	3.92
(17,1567)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	7	3.92
(17,1567)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	7	3.92
(17,1567)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	7	3.92
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD21	5	3.92
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD22	5	3.92
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD23	5	3.92
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	9	3.92
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	9	3.92
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	9	3.92
(9,2041)	1:31:A:PRO:HD2	1:144:A:LEU:HA	3	3.92
(9,2041)	1:31:A:PRO:HD3	1:144:A:LEU:HA	3	3.92
(6,1959)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	5	3.92
(6,1959)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	5	3.92
(6,1959)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	5	3.92
(6,1959)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	5	3.92
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB2	19	3.92
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB3	19	3.92
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB2	19	3.92
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB3	19	3.92
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD21	1	3.91
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD22	1	3.91
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD23	1	3.91
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD21	1	3.91
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD22	1	3.91
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD23	1	3.91
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD21	1	3.91
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD22	1	3.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD23	1	3.91
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	14	3.91
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	14	3.91
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	14	3.91
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	14	3.91
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	14	3.91
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	14	3.91
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG11	15	3.91
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG12	15	3.91
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG13	15	3.91
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG21	15	3.91
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG22	15	3.91
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG23	15	3.91
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG11	15	3.91
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG12	15	3.91
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG13	15	3.91
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG21	15	3.91
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG22	15	3.91
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG23	15	3.91
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG11	15	3.91
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG12	15	3.91
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG13	15	3.91
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG21	15	3.91
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG22	15	3.91
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG23	15	3.91
(34,721)	1:44:A:GLU:HB2	1:48:A:ARG:HE	7	3.9
(34,721)	1:44:A:GLU:HB3	1:48:A:ARG:HE	7	3.9
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD11	10	3.9
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD12	10	3.9
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD13	10	3.9
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD11	10	3.9
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD12	10	3.9
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD13	10	3.9
(32,901)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	14	3.9
(32,901)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	14	3.9
(32,901)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	14	3.9
(32,901)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	14	3.9
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD21	16	3.9
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD22	16	3.9
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD23	16	3.9
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD21	16	3.9
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD22	16	3.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD23	16	3.9
(20,9)	1:56:A:CYS:SG	1:127:A:CYS:SG	15	3.9
(19,4)	1:123:A:CYS:SG	1:120:A:CYS:CB	12	3.9
(18,938)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	14	3.9
(18,938)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	14	3.9
(18,938)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	14	3.9
(18,938)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	14	3.9
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD11	10	3.9
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD12	10	3.9
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD13	10	3.9
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	6	3.9
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	6	3.9
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	6	3.9
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	6	3.9
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	6	3.9
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	6	3.9
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	6	3.9
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	6	3.9
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	6	3.9
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	6	3.9
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	6	3.9
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	6	3.9
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	6	3.9
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	6	3.9
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	6	3.9
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	6	3.9
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	6	3.9
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	6	3.9
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	17	3.9
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	17	3.9
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	17	3.9
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	17	3.9
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG21	7	3.9
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG22	7	3.9
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG23	7	3.9
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG21	7	3.9
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG22	7	3.9
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG23	7	3.9
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG21	7	3.9
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG22	7	3.9
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG23	7	3.9
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG11	7	3.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG12	7	3.9
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG13	7	3.9
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG11	7	3.9
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG12	7	3.9
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG13	7	3.9
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG11	7	3.9
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG12	7	3.9
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG13	7	3.9
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB2	9	3.89
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB3	9	3.89
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD11	9	3.89
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD12	9	3.89
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD13	9	3.89
(33,1616)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	16	3.89
(33,1616)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	16	3.89
(32,1084)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	13	3.89
(32,1084)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	13	3.89
(30,59)	1:34:A:LYS:H	1:81:A:GLU:H	14	3.89
(29,977)	1:141:A:LYS:HB2	1:149:A:ALA:HA	10	3.89
(29,977)	1:141:A:LYS:HB3	1:149:A:ALA:HA	10	3.89
(16,1613)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	16	3.89
(16,1613)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	16	3.89
(15,927)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	14	3.89
(15,927)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	14	3.89
(15,927)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	14	3.89
(15,927)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	14	3.89
(15,63)	1:34:A:LYS:H	1:81:A:GLU:H	14	3.89
(11,1657)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	16	3.89
(11,1657)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	16	3.89
(11,64)	1:34:A:LYS:H	1:81:A:GLU:H	14	3.89
(9,707)	1:44:A:GLU:HB2	1:48:A:ARG:HE	7	3.89
(9,707)	1:44:A:GLU:HB3	1:48:A:ARG:HE	7	3.89
(7,2004)	1:27:A:ARG:HA	1:31:A:PRO:HD2	6	3.89
(7,2004)	1:27:A:ARG:HA	1:31:A:PRO:HD3	6	3.89
(3,1656)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	16	3.89
(3,1656)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	16	3.89
(2,1272)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	5	3.89
(2,1272)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	5	3.89
(2,1272)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	5	3.89
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	10	3.88
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	10	3.88
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	10	3.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	10	3.88
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	10	3.88
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	10	3.88
(34,945)	1:34:A:LYS:H	1:81:A:GLU:HG2	14	3.88
(34,945)	1:34:A:LYS:H	1:81:A:GLU:HG3	14	3.88
(29,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HB	9	3.88
(29,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HB	9	3.88
(29,936)	1:34:A:LYS:H	1:81:A:GLU:HG2	14	3.88
(29,936)	1:34:A:LYS:H	1:81:A:GLU:HG3	14	3.88
(19,21)	1:56:A:CYS:SG	1:59:A:CYS:CB	4	3.88
(19,17)	1:56:A:CYS:SG	1:120:A:CYS:CB	17	3.88
(19,11)	1:127:A:CYS:SG	1:56:A:CYS:CB	2	3.88
(17,2074)	1:31:A:PRO:HD2	1:143:A:TRP:HA	15	3.88
(17,2074)	1:31:A:PRO:HD3	1:143:A:TRP:HA	15	3.88
(16,939)	1:34:A:LYS:H	1:81:A:GLU:HG2	14	3.88
(16,939)	1:34:A:LYS:H	1:81:A:GLU:HG3	14	3.88
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD21	16	3.88
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD22	16	3.88
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD23	16	3.88
(11,930)	1:34:A:LYS:H	1:81:A:GLU:HG2	14	3.88
(11,930)	1:34:A:LYS:H	1:81:A:GLU:HG3	14	3.88
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG11	3	3.88
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG12	3	3.88
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG13	3	3.88
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG21	3	3.88
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG22	3	3.88
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG23	3	3.88
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG11	3	3.88
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG12	3	3.88
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG13	3	3.88
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG21	3	3.88
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG22	3	3.88
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG23	3	3.88
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG11	3	3.88
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG12	3	3.88
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG13	3	3.88
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG21	3	3.88
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG22	3	3.88
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG23	3	3.88
(4,921)	1:34:A:LYS:H	1:81:A:GLU:HG2	14	3.88
(4,921)	1:34:A:LYS:H	1:81:A:GLU:HG3	14	3.88
(32,2035)	1:30:A:LEU:HD11	1:143:A:TRP:HH2	14	3.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2035)	1:30:A:LEU:HD12	1:143:A:TRP:HH2	14	3.87
(32,2035)	1:30:A:LEU:HD13	1:143:A:TRP:HH2	14	3.87
(32,2035)	1:30:A:LEU:HD21	1:143:A:TRP:HH2	14	3.87
(32,2035)	1:30:A:LEU:HD22	1:143:A:TRP:HH2	14	3.87
(32,2035)	1:30:A:LEU:HD23	1:143:A:TRP:HH2	14	3.87
(32,1709)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	1	3.87
(32,1709)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	1	3.87
(20,12)	1:59:A:CYS:SG	1:123:A:CYS:SG	5	3.87
(16,1698)	1:27:A:ARG:HA	1:31:A:PRO:HD2	18	3.87
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG21	15	3.87
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG22	15	3.87
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG23	15	3.87
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG21	17	3.87
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG22	17	3.87
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG23	17	3.87
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	4	3.87
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	4	3.87
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	4	3.87
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	4	3.87
(7,2004)	1:27:A:ARG:HA	1:31:A:PRO:HD2	14	3.87
(7,2004)	1:27:A:ARG:HA	1:31:A:PRO:HD3	14	3.87
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG11	5	3.87
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG12	5	3.87
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG13	5	3.87
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG21	5	3.87
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG22	5	3.87
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG23	5	3.87
(1,915)	1:67:A:PRO:HD3	1:95:A:ILE:HB	7	3.87
(32,2035)	1:30:A:LEU:HD11	1:143:A:TRP:HH2	16	3.86
(32,2035)	1:30:A:LEU:HD12	1:143:A:TRP:HH2	16	3.86
(32,2035)	1:30:A:LEU:HD13	1:143:A:TRP:HH2	16	3.86
(32,2035)	1:30:A:LEU:HD21	1:143:A:TRP:HH2	16	3.86
(32,2035)	1:30:A:LEU:HD22	1:143:A:TRP:HH2	16	3.86
(32,2035)	1:30:A:LEU:HD23	1:143:A:TRP:HH2	16	3.86
(30,1865)	1:18:A:PHE:HA	1:113:A:PHE:HE1	17	3.86
(30,1865)	1:18:A:PHE:HA	1:113:A:PHE:HE2	17	3.86
(30,925)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	14	3.86
(30,925)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	14	3.86
(30,925)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	14	3.86
(30,925)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	14	3.86
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	7	3.86
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	7	3.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	7	3.86
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	7	3.86
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB2	3	3.86
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB3	3	3.86
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB2	3	3.86
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB3	3	3.86
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB2	3	3.86
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB3	3	3.86
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG11	18	3.86
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG12	18	3.86
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG13	18	3.86
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG21	18	3.86
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG22	18	3.86
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG23	18	3.86
(6,743)	1:43:A:MET:HE1	1:134:A:VAL:H	13	3.86
(6,743)	1:43:A:MET:HE2	1:134:A:VAL:H	13	3.86
(6,743)	1:43:A:MET:HE3	1:134:A:VAL:H	13	3.86
(6,743)	1:43:A:MET:HE1	1:134:A:VAL:H	18	3.86
(6,743)	1:43:A:MET:HE2	1:134:A:VAL:H	18	3.86
(6,743)	1:43:A:MET:HE3	1:134:A:VAL:H	18	3.86
(4,1200)	1:34:A:LYS:H	1:81:A:GLU:HA	14	3.86
(3,2045)	1:17:A:ASN:HD21	1:79:A:THR:H	19	3.86
(3,2045)	1:17:A:ASN:HD22	1:79:A:THR:H	19	3.86
(3,1933)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	18	3.86
(3,1933)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	18	3.86
(3,1933)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	18	3.86
(3,1933)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	18	3.86
(3,1465)	1:31:A:PRO:HD3	1:143:A:TRP:HA	15	3.86
(3,992)	1:31:A:PRO:HB2	1:143:A:TRP:HA	19	3.86
(3,992)	1:31:A:PRO:HB3	1:143:A:TRP:HA	19	3.86
(3,863)	1:43:A:MET:HE1	1:144:A:LEU:HB3	2	3.86
(3,863)	1:43:A:MET:HE2	1:144:A:LEU:HB3	2	3.86
(3,863)	1:43:A:MET:HE3	1:144:A:LEU:HB3	2	3.86
(29,2443)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	17	3.85
(29,2443)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	17	3.85
(29,2443)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	17	3.85
(29,2443)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	17	3.85
(29,2443)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	17	3.85
(29,2443)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	17	3.85
(29,2443)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	17	3.85
(29,2443)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	17	3.85
(29,2443)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	17	3.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2443)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	17	3.85
(29,2443)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	17	3.85
(29,2443)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	17	3.85
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	10	3.85
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	10	3.85
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	10	3.85
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	10	3.85
(15,2494)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	17	3.85
(15,2494)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	17	3.85
(15,2494)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	17	3.85
(15,2494)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	17	3.85
(15,2494)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	17	3.85
(15,2494)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	17	3.85
(15,2494)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	17	3.85
(15,2494)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	17	3.85
(15,2494)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	17	3.85
(15,2494)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	17	3.85
(15,2494)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	17	3.85
(15,2494)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	17	3.85
(9,2431)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	17	3.85
(9,2431)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	17	3.85
(9,2431)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	17	3.85
(9,2431)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	17	3.85
(9,2431)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	17	3.85
(9,2431)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	17	3.85
(9,2431)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	17	3.85
(9,2431)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	17	3.85
(9,2431)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	17	3.85
(9,2431)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	17	3.85
(9,2431)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	17	3.85
(9,2431)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	17	3.85
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG21	14	3.85
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG22	14	3.85
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG23	14	3.85
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG21	14	3.85
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG22	14	3.85
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG23	14	3.85
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG21	14	3.85
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG22	14	3.85
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG23	14	3.85
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG11	14	3.85
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG12	14	3.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG13	14	3.85
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG11	14	3.85
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG12	14	3.85
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG13	14	3.85
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG11	14	3.85
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG12	14	3.85
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG13	14	3.85
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD11	9	3.84
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD12	9	3.84
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD13	9	3.84
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD21	9	3.84
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD22	9	3.84
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD23	9	3.84
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD11	9	3.84
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD12	9	3.84
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD13	9	3.84
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD21	9	3.84
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD22	9	3.84
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD23	9	3.84
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD11	9	3.84
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD12	9	3.84
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD13	9	3.84
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD21	9	3.84
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD22	9	3.84
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD23	9	3.84
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD2	5	3.84
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD3	5	3.84
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD2	5	3.84
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD3	5	3.84
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD2	5	3.84
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD3	5	3.84
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	4	3.84
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	4	3.84
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	4	3.84
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	4	3.84
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	4	3.84
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	4	3.84
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	4	3.84
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	4	3.84
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	4	3.84
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	4	3.84
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	4	3.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	4	3.84
(1,2056)	1:31:A:PRO:HD2	1:143:A:TRP:HA	19	3.84
(1,2056)	1:31:A:PRO:HD3	1:143:A:TRP:HA	19	3.84
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG11	9	3.84
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG12	9	3.84
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG13	9	3.84
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG21	9	3.84
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG22	9	3.84
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG23	9	3.84
(32,1418)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	19	3.83
(32,1418)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	19	3.83
(30,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	6	3.83
(30,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	6	3.83
(30,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	6	3.83
(30,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	6	3.83
(16,2059)	1:30:A:LEU:HD11	1:79:A:THR:HA	14	3.83
(16,2059)	1:30:A:LEU:HD12	1:79:A:THR:HA	14	3.83
(16,2059)	1:30:A:LEU:HD13	1:79:A:THR:HA	14	3.83
(16,2059)	1:30:A:LEU:HD21	1:79:A:THR:HA	14	3.83
(16,2059)	1:30:A:LEU:HD22	1:79:A:THR:HA	14	3.83
(16,2059)	1:30:A:LEU:HD23	1:79:A:THR:HA	14	3.83
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE1	1	3.83
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE2	1	3.83
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE3	1	3.83
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG11	15	3.83
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG12	15	3.83
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG13	15	3.83
(13,1596)	1:12:A:VAL:HA	1:80:A:TYR:HB3	1	3.83
(5,843)	1:43:A:MET:HE1	1:144:A:LEU:HB3	9	3.83
(5,843)	1:43:A:MET:HE2	1:144:A:LEU:HB3	9	3.83
(5,843)	1:43:A:MET:HE3	1:144:A:LEU:HB3	9	3.83
(5,843)	1:43:A:MET:HE1	1:144:A:LEU:HB2	9	3.83
(5,843)	1:43:A:MET:HE2	1:144:A:LEU:HB2	9	3.83
(5,843)	1:43:A:MET:HE3	1:144:A:LEU:HB2	9	3.83
(3,1875)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	13	3.83
(3,1875)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	13	3.83
(3,1875)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	13	3.83
(3,1875)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	13	3.83
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD11	9	3.83
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD12	9	3.83
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD13	9	3.83
(2,1645)	1:12:A:VAL:HA	1:80:A:TYR:HB3	1	3.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1709)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	17	3.82
(32,1709)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	17	3.82
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	3	3.82
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	3	3.82
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	3	3.82
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	3	3.82
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	3	3.82
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	3	3.82
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	11	3.82
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	11	3.82
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	11	3.82
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	11	3.82
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	11	3.82
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	11	3.82
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	11	3.82
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	11	3.82
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	11	3.82
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB1	18	3.82
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB2	18	3.82
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB3	18	3.82
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG11	16	3.82
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG12	16	3.82
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG13	16	3.82
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG21	16	3.82
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG22	16	3.82
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG23	16	3.82
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB1	18	3.82
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB2	18	3.82
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB3	18	3.82
(2,841)	1:43:A:MET:HE1	1:144:A:LEU:HB2	2	3.82
(2,841)	1:43:A:MET:HE2	1:144:A:LEU:HB2	2	3.82
(2,841)	1:43:A:MET:HE3	1:144:A:LEU:HB2	2	3.82
(2,841)	1:43:A:MET:HE1	1:144:A:LEU:HB3	2	3.82
(2,841)	1:43:A:MET:HE2	1:144:A:LEU:HB3	2	3.82
(2,841)	1:43:A:MET:HE3	1:144:A:LEU:HB3	2	3.82
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB1	18	3.82
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB2	18	3.82
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB3	18	3.82
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE1	3	3.81
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE2	3	3.81
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE3	3	3.81
(32,2034)	1:30:A:LEU:HD11	1:143:A:TRP:HZ3	16	3.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2034)	1:30:A:LEU:HD12	1:143:A:TRP:HZ3	16	3.81
(32,2034)	1:30:A:LEU:HD13	1:143:A:TRP:HZ3	16	3.81
(32,2034)	1:30:A:LEU:HD21	1:143:A:TRP:HZ3	16	3.81
(32,2034)	1:30:A:LEU:HD22	1:143:A:TRP:HZ3	16	3.81
(32,2034)	1:30:A:LEU:HD23	1:143:A:TRP:HZ3	16	3.81
(30,686)	1:39:A:VAL:HB	1:144:A:LEU:H	9	3.81
(29,159)	1:67:A:PRO:HD3	1:95:A:ILE:H	1	3.81
(20,1)	1:120:A:CYS:SG	1:123:A:CYS:SG	10	3.81
(19,23)	1:59:A:CYS:SG	1:123:A:CYS:CB	10	3.81
(19,23)	1:59:A:CYS:SG	1:123:A:CYS:CB	19	3.81
(19,8)	1:123:A:CYS:SG	1:59:A:CYS:CB	8	3.81
(18,1947)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	10	3.81
(18,1947)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	10	3.81
(18,1947)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	10	3.81
(18,1947)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	10	3.81
(18,1684)	1:43:A:MET:HE1	1:131:A:LEU:HB3	13	3.81
(18,1684)	1:43:A:MET:HE2	1:131:A:LEU:HB3	13	3.81
(18,1684)	1:43:A:MET:HE3	1:131:A:LEU:HB3	13	3.81
(17,2074)	1:31:A:PRO:HD2	1:143:A:TRP:HA	12	3.81
(17,2074)	1:31:A:PRO:HD3	1:143:A:TRP:HA	12	3.81
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG21	16	3.81
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG22	16	3.81
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG23	16	3.81
(11,1967)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	10	3.81
(11,1967)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	10	3.81
(11,1967)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	10	3.81
(11,1967)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	10	3.81
(9,1942)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	10	3.81
(9,1942)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	10	3.81
(9,1942)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	10	3.81
(9,1942)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	10	3.81
(6,152)	1:67:A:PRO:HD3	1:95:A:ILE:H	1	3.81
(5,1143)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	13	3.81
(5,1143)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	13	3.81
(5,1143)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	13	3.81
(5,1143)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	13	3.81
(5,1143)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	13	3.81
(5,1143)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	13	3.81
(5,147)	1:67:A:PRO:HD3	1:95:A:ILE:H	1	3.81
(3,1975)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	10	3.81
(3,1975)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	10	3.81
(3,1975)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	10	3.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1975)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	10	3.81
(3,1465)	1:31:A:PRO:HD3	1:143:A:TRP:HA	12	3.81
(2,684)	1:39:A:VAL:HB	1:144:A:LEU:H	9	3.81
(19,1)	1:120:A:CYS:SG	1:56:A:CYS:CB	12	3.8
(17,2069)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	19	3.8
(17,2069)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	19	3.8
(17,2069)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	19	3.8
(17,2069)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	19	3.8
(17,2069)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	19	3.8
(17,2069)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	19	3.8
(17,2069)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	19	3.8
(17,2069)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	19	3.8
(17,2069)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	19	3.8
(17,2069)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	19	3.8
(17,2069)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	19	3.8
(17,2069)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	19	3.8
(17,2049)	1:23:A:LEU:HB2	1:146:A:GLN:HG2	8	3.8
(17,2049)	1:23:A:LEU:HB2	1:146:A:GLN:HG3	8	3.8
(17,2049)	1:23:A:LEU:HB3	1:146:A:GLN:HG2	8	3.8
(17,2049)	1:23:A:LEU:HB3	1:146:A:GLN:HG3	8	3.8
(17,1879)	1:18:A:PHE:HA	1:113:A:PHE:HE1	12	3.8
(17,1879)	1:18:A:PHE:HA	1:113:A:PHE:HE2	12	3.8
(17,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	16	3.8
(15,1846)	1:18:A:PHE:HA	1:113:A:PHE:HE1	12	3.8
(15,1846)	1:18:A:PHE:HA	1:113:A:PHE:HE2	12	3.8
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD21	11	3.8
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD22	11	3.8
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD23	11	3.8
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD21	11	3.8
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD22	11	3.8
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD23	11	3.8
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD21	11	3.8
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD22	11	3.8
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD23	11	3.8
(7,1994)	1:23:A:LEU:HB2	1:146:A:GLN:HG2	8	3.8
(7,1994)	1:23:A:LEU:HB2	1:146:A:GLN:HG3	8	3.8
(7,1994)	1:23:A:LEU:HB3	1:146:A:GLN:HG2	8	3.8
(7,1994)	1:23:A:LEU:HB3	1:146:A:GLN:HG3	8	3.8
(7,1833)	1:18:A:PHE:HA	1:113:A:PHE:HE1	12	3.8
(7,1833)	1:18:A:PHE:HA	1:113:A:PHE:HE2	12	3.8
(3,1891)	1:18:A:PHE:HA	1:113:A:PHE:HE1	12	3.8
(3,1891)	1:18:A:PHE:HA	1:113:A:PHE:HE2	12	3.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,720)	1:44:A:GLU:HB2	1:48:A:ARG:HE	7	3.8
(3,720)	1:44:A:GLU:HB3	1:48:A:ARG:HE	7	3.8
(1,1877)	1:18:A:PHE:HA	1:113:A:PHE:HE1	12	3.8
(1,1877)	1:18:A:PHE:HA	1:113:A:PHE:HE2	12	3.8
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD11	1	3.79
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD12	1	3.79
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD13	1	3.79
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD21	1	3.79
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD22	1	3.79
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD23	1	3.79
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD11	1	3.79
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD12	1	3.79
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD13	1	3.79
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD21	1	3.79
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD22	1	3.79
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD23	1	3.79
(19,3)	1:120:A:CYS:SG	1:123:A:CYS:CB	9	3.79
(17,853)	1:43:A:MET:HE1	1:144:A:LEU:HB3	19	3.79
(17,853)	1:43:A:MET:HE2	1:144:A:LEU:HB3	19	3.79
(17,853)	1:43:A:MET:HE3	1:144:A:LEU:HB3	19	3.79
(17,853)	1:43:A:MET:HE1	1:144:A:LEU:HB2	19	3.79
(17,853)	1:43:A:MET:HE2	1:144:A:LEU:HB2	19	3.79
(17,853)	1:43:A:MET:HE3	1:144:A:LEU:HB2	19	3.79
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD11	16	3.79
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD12	16	3.79
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD13	16	3.79
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD21	16	3.79
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD22	16	3.79
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD23	16	3.79
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE1	8	3.79
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE2	8	3.79
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE3	8	3.79
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	14	3.79
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	14	3.79
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	14	3.79
(7,742)	1:20:A:THR:HB	1:134:A:VAL:H	1	3.79
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD11	19	3.79
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD12	19	3.79
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD13	19	3.79
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG21	18	3.79
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG22	18	3.79
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG23	18	3.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG21	18	3.79
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG22	18	3.79
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG23	18	3.79
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG21	18	3.79
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG22	18	3.79
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG23	18	3.79
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG11	18	3.79
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG12	18	3.79
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG13	18	3.79
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG11	18	3.79
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG12	18	3.79
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG13	18	3.79
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG11	18	3.79
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG12	18	3.79
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG13	18	3.79
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD1	19	3.78
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD2	19	3.78
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD1	19	3.78
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD2	19	3.78
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD11	13	3.78
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD12	13	3.78
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD13	13	3.78
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD21	13	3.78
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD22	13	3.78
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD23	13	3.78
(32,1706)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	13	3.78
(32,1706)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	13	3.78
(32,823)	1:43:A:MET:HE1	1:131:A:LEU:HB3	18	3.78
(32,823)	1:43:A:MET:HE2	1:131:A:LEU:HB3	18	3.78
(32,823)	1:43:A:MET:HE3	1:131:A:LEU:HB3	18	3.78
(17,2074)	1:31:A:PRO:HD2	1:143:A:TRP:HA	13	3.78
(17,2074)	1:31:A:PRO:HD3	1:143:A:TRP:HA	13	3.78
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG11	10	3.78
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG12	10	3.78
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG13	10	3.78
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG21	10	3.78
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG22	10	3.78
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG23	10	3.78
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG11	10	3.78
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG12	10	3.78
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG13	10	3.78
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG21	10	3.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG22	10	3.78
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG23	10	3.78
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG11	10	3.78
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG12	10	3.78
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG13	10	3.78
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG21	10	3.78
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG22	10	3.78
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG23	10	3.78
(6,836)	1:43:A:MET:HE1	1:131:A:LEU:HB3	18	3.78
(6,836)	1:43:A:MET:HE2	1:131:A:LEU:HB3	18	3.78
(6,836)	1:43:A:MET:HE3	1:131:A:LEU:HB3	18	3.78
(5,1961)	1:10:A:ASN:HD21	1:14:A:VAL:HB	9	3.78
(5,1961)	1:10:A:ASN:HD22	1:14:A:VAL:HB	9	3.78
(4,841)	1:43:A:MET:HE1	1:131:A:LEU:HB3	18	3.78
(4,841)	1:43:A:MET:HE2	1:131:A:LEU:HB3	18	3.78
(4,841)	1:43:A:MET:HE3	1:131:A:LEU:HB3	18	3.78
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE1	6	3.77
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE2	6	3.77
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE3	6	3.77
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE1	6	3.77
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE2	6	3.77
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE3	6	3.77
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE1	4	3.77
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE2	4	3.77
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE3	4	3.77
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD11	2	3.77
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD12	2	3.77
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD13	2	3.77
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD21	2	3.77
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD22	2	3.77
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD23	2	3.77
(19,21)	1:56:A:CYS:SG	1:59:A:CYS:CB	15	3.77
(15,717)	1:45:A:ALA:H	1:48:A:ARG:HE	7	3.77
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB2	8	3.77
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB3	8	3.77
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB2	8	3.77
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB3	8	3.77
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB2	8	3.77
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB3	8	3.77
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG2	9	3.77
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG3	9	3.77
(9,1749)	1:39:A:VAL:HB	1:139:A:LEU:HA	5	3.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2004)	1:27:A:ARG:HA	1:31:A:PRO:HD2	13	3.77
(7,2004)	1:27:A:ARG:HA	1:31:A:PRO:HD3	13	3.77
(3,2080)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	9	3.77
(3,2080)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	9	3.77
(3,2080)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	9	3.77
(3,2080)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	9	3.77
(3,2080)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	9	3.77
(3,2080)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	9	3.77
(2,1272)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	10	3.77
(2,1272)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	10	3.77
(2,1272)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	10	3.77
(2,841)	1:43:A:MET:HE1	1:144:A:LEU:HB2	15	3.77
(2,841)	1:43:A:MET:HE2	1:144:A:LEU:HB2	15	3.77
(2,841)	1:43:A:MET:HE3	1:144:A:LEU:HB2	15	3.77
(2,841)	1:43:A:MET:HE1	1:144:A:LEU:HB3	15	3.77
(2,841)	1:43:A:MET:HE2	1:144:A:LEU:HB3	15	3.77
(2,841)	1:43:A:MET:HE3	1:144:A:LEU:HB3	15	3.77
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD21	11	3.76
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD22	11	3.76
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD23	11	3.76
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD21	11	3.76
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD22	11	3.76
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD23	11	3.76
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD21	11	3.76
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD22	11	3.76
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD23	11	3.76
(19,8)	1:123:A:CYS:SG	1:59:A:CYS:CB	18	3.76
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD11	3	3.76
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD12	3	3.76
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD13	3	3.76
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD21	3	3.76
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD22	3	3.76
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD23	3	3.76
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD11	3	3.76
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD12	3	3.76
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD13	3	3.76
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD21	3	3.76
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD22	3	3.76
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD23	3	3.76
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD11	3	3.76
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD12	3	3.76
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD13	3	3.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD21	3	3.76
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD22	3	3.76
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD23	3	3.76
(17,556)	1:10:A:ASN:HD21	1:14:A:VAL:HB	19	3.76
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	15	3.76
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	15	3.76
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	15	3.76
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	15	3.76
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	15	3.76
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	15	3.76
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	15	3.76
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	15	3.76
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	15	3.76
(3,1465)	1:31:A:PRO:HD3	1:143:A:TRP:HA	13	3.76
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD11	7	3.75
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD12	7	3.75
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD13	7	3.75
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD21	7	3.75
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD22	7	3.75
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD23	7	3.75
(20,2)	1:123:A:CYS:SG	1:127:A:CYS:SG	4	3.75
(19,23)	1:59:A:CYS:SG	1:123:A:CYS:CB	3	3.75
(17,1966)	1:10:A:ASN:HD21	1:14:A:VAL:HB	9	3.75
(17,1966)	1:10:A:ASN:HD22	1:14:A:VAL:HB	9	3.75
(16,1716)	1:21:A:THR:HG21	1:147:A:ARG:HE	5	3.75
(16,1716)	1:21:A:THR:HG22	1:147:A:ARG:HE	5	3.75
(16,1716)	1:21:A:THR:HG23	1:147:A:ARG:HE	5	3.75
(15,928)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	14	3.75
(15,928)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	14	3.75
(15,928)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	14	3.75
(15,928)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	14	3.75
(11,1943)	1:11:A:ILE:HD11	1:18:A:PHE:HZ	1	3.75
(11,1943)	1:11:A:ILE:HD12	1:18:A:PHE:HZ	1	3.75
(11,1943)	1:11:A:ILE:HD13	1:18:A:PHE:HZ	1	3.75
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG11	9	3.75
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG12	9	3.75
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG13	9	3.75
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG21	9	3.75
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG22	9	3.75
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG23	9	3.75
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG11	9	3.75
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG12	9	3.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG13	9	3.75
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG21	9	3.75
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG22	9	3.75
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG23	9	3.75
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG11	9	3.75
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG12	9	3.75
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG13	9	3.75
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG21	9	3.75
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG22	9	3.75
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG23	9	3.75
(34,1631)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	10	3.74
(34,1631)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	10	3.74
(34,1631)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	10	3.74
(34,1631)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	10	3.74
(34,1631)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	10	3.74
(34,1631)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	10	3.74
(32,1653)	1:43:A:MET:HE1	1:131:A:LEU:HA	18	3.74
(32,1653)	1:43:A:MET:HE2	1:131:A:LEU:HA	18	3.74
(32,1653)	1:43:A:MET:HE3	1:131:A:LEU:HA	18	3.74
(30,1618)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	10	3.74
(30,1618)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	10	3.74
(30,1618)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	10	3.74
(30,1618)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	10	3.74
(30,1618)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	10	3.74
(30,1618)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	10	3.74
(30,66)	1:33:A:LYS:HB2	1:81:A:GLU:H	14	3.74
(30,66)	1:33:A:LYS:HB3	1:81:A:GLU:H	14	3.74
(29,159)	1:67:A:PRO:HD3	1:95:A:ILE:H	12	3.74
(19,23)	1:59:A:CYS:SG	1:123:A:CYS:CB	16	3.74
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	18	3.74
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	18	3.74
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	18	3.74
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD21	18	3.74
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD22	18	3.74
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD23	18	3.74
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	18	3.74
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	18	3.74
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	18	3.74
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD21	18	3.74
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD22	18	3.74
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD23	18	3.74
(17,1141)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	13	3.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1141)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	13	3.74
(17,1141)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	13	3.74
(17,1141)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	13	3.74
(17,1141)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	13	3.74
(17,1141)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	13	3.74
(15,1609)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	10	3.74
(15,1609)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	10	3.74
(15,1609)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	10	3.74
(15,1609)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	10	3.74
(15,1609)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	10	3.74
(15,1609)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	10	3.74
(15,70)	1:33:A:LYS:HB2	1:81:A:GLU:H	14	3.74
(15,70)	1:33:A:LYS:HB3	1:81:A:GLU:H	14	3.74
(13,1823)	1:18:A:PHE:HA	1:113:A:PHE:HE1	17	3.74
(13,1823)	1:18:A:PHE:HA	1:113:A:PHE:HE2	17	3.74
(13,1586)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	10	3.74
(13,1586)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	10	3.74
(13,1586)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	10	3.74
(13,1586)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	10	3.74
(13,1586)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	10	3.74
(13,1586)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	10	3.74
(9,1692)	1:43:A:MET:HE1	1:131:A:LEU:HA	18	3.74
(9,1692)	1:43:A:MET:HE2	1:131:A:LEU:HA	18	3.74
(9,1692)	1:43:A:MET:HE3	1:131:A:LEU:HA	18	3.74
(9,1608)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	10	3.74
(9,1608)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	10	3.74
(9,1608)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	10	3.74
(9,1608)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	10	3.74
(9,1608)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	10	3.74
(9,1608)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	10	3.74
(7,1589)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	10	3.74
(7,1589)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	10	3.74
(7,1589)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	10	3.74
(7,1589)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	10	3.74
(7,1589)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	10	3.74
(7,1589)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	10	3.74
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG11	7	3.74
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG12	7	3.74
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG13	7	3.74
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG21	7	3.74
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG22	7	3.74
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG23	7	3.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG11	7	3.74
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG12	7	3.74
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG13	7	3.74
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG21	7	3.74
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG22	7	3.74
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG23	7	3.74
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG11	7	3.74
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG12	7	3.74
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG13	7	3.74
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG21	7	3.74
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG22	7	3.74
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG23	7	3.74
(6,152)	1:67:A:PRO:HD3	1:95:A:ILE:H	12	3.74
(5,147)	1:67:A:PRO:HD3	1:95:A:ILE:H	12	3.74
(4,1596)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	10	3.74
(4,1596)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	10	3.74
(4,1596)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	10	3.74
(4,1596)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	10	3.74
(4,1596)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	10	3.74
(4,1596)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	10	3.74
(4,1200)	1:34:A:LYS:H	1:81:A:GLU:HA	6	3.74
(2,1631)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	10	3.74
(2,1631)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	10	3.74
(2,1631)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	10	3.74
(2,1631)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	10	3.74
(2,1631)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	10	3.74
(2,1631)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	10	3.74
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG21	13	3.74
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG22	13	3.74
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG23	13	3.74
(20,2)	1:123:A:CYS:SG	1:127:A:CYS:SG	17	3.73
(19,20)	1:56:A:CYS:SG	1:52:A:CYS:CB	12	3.73
(18,908)	1:67:A:PRO:HD3	1:95:A:ILE:HB	16	3.73
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD11	19	3.73
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD12	19	3.73
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD13	19	3.73
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD21	19	3.73
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD22	19	3.73
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD23	19	3.73
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD11	19	3.73
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD12	19	3.73
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD13	19	3.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD21	19	3.73
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD22	19	3.73
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD23	19	3.73
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD11	19	3.73
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD12	19	3.73
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD13	19	3.73
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD21	19	3.73
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD22	19	3.73
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD23	19	3.73
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	5	3.73
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	5	3.73
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	5	3.73
(13,829)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	11	3.73
(13,829)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	11	3.73
(9,1749)	1:39:A:VAL:HB	1:139:A:LEU:HA	12	3.73
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	10	3.73
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	10	3.73
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	10	3.73
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	10	3.73
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	10	3.73
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	10	3.73
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	10	3.73
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	10	3.73
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	10	3.73
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	10	3.73
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	10	3.73
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	10	3.73
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	10	3.73
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	10	3.73
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	10	3.73
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	10	3.73
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	10	3.73
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	10	3.73
(5,1727)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	14	3.73
(5,1727)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	14	3.73
(5,1727)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	14	3.73
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE1	7	3.72
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE2	7	3.72
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE3	7	3.72
(33,677)	1:20:A:THR:H	1:133:A:ASN:H	3	3.72
(32,2034)	1:30:A:LEU:HD11	1:143:A:TRP:HZ3	18	3.72
(32,2034)	1:30:A:LEU:HD12	1:143:A:TRP:HZ3	18	3.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2034)	1:30:A:LEU:HD13	1:143:A:TRP:HZ3	18	3.72
(32,2034)	1:30:A:LEU:HD21	1:143:A:TRP:HZ3	18	3.72
(32,2034)	1:30:A:LEU:HD22	1:143:A:TRP:HZ3	18	3.72
(32,2034)	1:30:A:LEU:HD23	1:143:A:TRP:HZ3	18	3.72
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD21	1	3.72
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD22	1	3.72
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD23	1	3.72
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD11	14	3.72
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD12	14	3.72
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD13	14	3.72
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD11	14	3.72
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD12	14	3.72
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD13	14	3.72
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD11	14	3.72
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD12	14	3.72
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD13	14	3.72
(29,709)	1:144:A:LEU:HD11	1:147:A:ARG:HE	13	3.72
(29,709)	1:144:A:LEU:HD12	1:147:A:ARG:HE	13	3.72
(29,709)	1:144:A:LEU:HD13	1:147:A:ARG:HE	13	3.72
(19,24)	1:59:A:CYS:SG	1:56:A:CYS:CB	12	3.72
(17,2049)	1:23:A:LEU:HB2	1:146:A:GLN:HG2	3	3.72
(17,2049)	1:23:A:LEU:HB2	1:146:A:GLN:HG3	3	3.72
(17,2049)	1:23:A:LEU:HB3	1:146:A:GLN:HG2	3	3.72
(17,2049)	1:23:A:LEU:HB3	1:146:A:GLN:HG3	3	3.72
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	6	3.72
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	6	3.72
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	6	3.72
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD21	2	3.72
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD22	2	3.72
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD23	2	3.72
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	6	3.72
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	6	3.72
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	6	3.72
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	10	3.72
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	10	3.72
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	10	3.72
(15,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	13	3.72
(15,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	13	3.72
(15,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	13	3.72
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD21	1	3.72
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD22	1	3.72
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD23	1	3.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1994)	1:23:A:LEU:HB2	1:146:A:GLN:HG2	3	3.72
(7,1994)	1:23:A:LEU:HB2	1:146:A:GLN:HG3	3	3.72
(7,1994)	1:23:A:LEU:HB3	1:146:A:GLN:HG2	3	3.72
(7,1994)	1:23:A:LEU:HB3	1:146:A:GLN:HG3	3	3.72
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	3	3.72
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	3	3.72
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	3	3.72
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	3	3.72
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	3	3.72
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	3	3.72
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	3	3.72
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	3	3.72
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	3	3.72
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	3	3.72
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	3	3.72
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	3	3.72
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	11	3.72
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	11	3.72
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	11	3.72
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	11	3.72
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	11	3.72
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	11	3.72
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	11	3.72
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	11	3.72
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	11	3.72
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	15	3.72
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	15	3.72
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	15	3.72
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	15	3.72
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	15	3.72
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	15	3.72
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	15	3.72
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	15	3.72
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	15	3.72
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD21	1	3.72
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD22	1	3.72
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD23	1	3.72
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	1	3.71
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	1	3.71
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	1	3.71
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	1	3.71
(32,2035)	1:30:A:LEU:HD11	1:143:A:TRP:HH2	18	3.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2035)	1:30:A:LEU:HD12	1:143:A:TRP:HH2	18	3.71
(32,2035)	1:30:A:LEU:HD13	1:143:A:TRP:HH2	18	3.71
(32,2035)	1:30:A:LEU:HD21	1:143:A:TRP:HH2	18	3.71
(32,2035)	1:30:A:LEU:HD22	1:143:A:TRP:HH2	18	3.71
(32,2035)	1:30:A:LEU:HD23	1:143:A:TRP:HH2	18	3.71
(20,12)	1:59:A:CYS:SG	1:123:A:CYS:SG	10	3.71
(19,23)	1:59:A:CYS:SG	1:123:A:CYS:CB	6	3.71
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD11	14	3.71
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD12	14	3.71
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD13	14	3.71
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD21	14	3.71
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD22	14	3.71
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD23	14	3.71
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	4	3.71
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	4	3.71
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	4	3.71
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	4	3.71
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	4	3.71
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	4	3.71
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	4	3.71
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	4	3.71
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	4	3.71
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	4	3.71
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	4	3.71
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	4	3.71
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD11	2	3.71
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD12	2	3.71
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD13	2	3.71
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD21	2	3.71
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD22	2	3.71
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD23	2	3.71
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD11	10	3.71
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD12	10	3.71
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD13	10	3.71
(4,1371)	1:19:A:ALA:HB1	1:132:A:ALA:HA	13	3.71
(4,1371)	1:19:A:ALA:HB2	1:132:A:ALA:HA	13	3.71
(4,1371)	1:19:A:ALA:HB3	1:132:A:ALA:HA	13	3.71
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD21	1	3.71
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD22	1	3.71
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD23	1	3.71
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD21	1	3.71
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD22	1	3.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD23	1	3.71
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD21	1	3.71
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD22	1	3.71
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD23	1	3.71
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG11	5	3.71
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG12	5	3.71
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG13	5	3.71
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG21	5	3.71
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG22	5	3.71
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG23	5	3.71
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG11	5	3.71
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG12	5	3.71
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG13	5	3.71
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG21	5	3.71
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG22	5	3.71
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG23	5	3.71
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG11	5	3.71
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG12	5	3.71
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG13	5	3.71
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG21	5	3.71
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG22	5	3.71
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG23	5	3.71
(34,1362)	1:17:A:ASN:HA	1:76:A:ARG:HA	12	3.7
(33,697)	1:10:A:ASN:HD22	1:14:A:VAL:HB	16	3.7
(32,2034)	1:30:A:LEU:HD11	1:143:A:TRP:HZ3	14	3.7
(32,2034)	1:30:A:LEU:HD12	1:143:A:TRP:HZ3	14	3.7
(32,2034)	1:30:A:LEU:HD13	1:143:A:TRP:HZ3	14	3.7
(32,2034)	1:30:A:LEU:HD21	1:143:A:TRP:HZ3	14	3.7
(32,2034)	1:30:A:LEU:HD22	1:143:A:TRP:HZ3	14	3.7
(32,2034)	1:30:A:LEU:HD23	1:143:A:TRP:HZ3	14	3.7
(30,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	2	3.7
(30,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	2	3.7
(30,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	2	3.7
(30,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	2	3.7
(20,12)	1:59:A:CYS:SG	1:123:A:CYS:SG	3	3.7
(17,1356)	1:17:A:ASN:HA	1:76:A:ARG:HA	12	3.7
(16,2071)	1:32:A:GLY:HA2	1:81:A:GLU:H	7	3.7
(16,2071)	1:32:A:GLY:HA3	1:81:A:GLU:H	7	3.7
(16,706)	1:10:A:ASN:HD22	1:14:A:VAL:HB	16	3.7
(13,684)	1:10:A:ASN:HD22	1:14:A:VAL:HB	16	3.7
(7,694)	1:10:A:ASN:HD22	1:14:A:VAL:HB	16	3.7
(6,1340)	1:17:A:ASN:HA	1:76:A:ARG:HA	12	3.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	16	3.7
(3,1368)	1:17:A:ASN:HA	1:76:A:ARG:HA	12	3.7
(2,1462)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	12	3.7
(2,1462)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	12	3.7
(2,1462)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	12	3.7
(2,1345)	1:17:A:ASN:HA	1:76:A:ARG:HA	12	3.7
(1,707)	1:10:A:ASN:HD22	1:14:A:VAL:HB	16	3.7
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG11	11	3.69
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG12	11	3.69
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG13	11	3.69
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG21	11	3.69
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG22	11	3.69
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG23	11	3.69
(32,2034)	1:30:A:LEU:HD11	1:143:A:TRP:HZ3	7	3.69
(32,2034)	1:30:A:LEU:HD12	1:143:A:TRP:HZ3	7	3.69
(32,2034)	1:30:A:LEU:HD13	1:143:A:TRP:HZ3	7	3.69
(32,2034)	1:30:A:LEU:HD21	1:143:A:TRP:HZ3	7	3.69
(32,2034)	1:30:A:LEU:HD22	1:143:A:TRP:HZ3	7	3.69
(32,2034)	1:30:A:LEU:HD23	1:143:A:TRP:HZ3	7	3.69
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	4	3.69
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	4	3.69
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	4	3.69
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	4	3.69
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	4	3.69
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	4	3.69
(17,1772)	1:39:A:VAL:HB	1:139:A:LEU:HA	13	3.69
(16,2071)	1:32:A:GLY:HA2	1:81:A:GLU:H	18	3.69
(16,2071)	1:32:A:GLY:HA3	1:81:A:GLU:H	18	3.69
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG21	13	3.69
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG22	13	3.69
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG23	13	3.69
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG21	13	3.69
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG22	13	3.69
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG23	13	3.69
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	18	3.69
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	18	3.69
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	18	3.69
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	18	3.69
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG11	12	3.69
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG12	12	3.69
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG13	12	3.69
(7,2004)	1:27:A:ARG:HA	1:31:A:PRO:HD2	7	3.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2004)	1:27:A:ARG:HA	1:31:A:PRO:HD3	7	3.69
(3,2080)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	1	3.69
(3,2080)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	1	3.69
(3,2080)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	1	3.69
(3,2080)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	1	3.69
(3,2080)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	1	3.69
(3,2080)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	1	3.69
(2,1462)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	3	3.69
(2,1462)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	3	3.69
(2,1462)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	3	3.69
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG21	12	3.69
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG22	12	3.69
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG23	12	3.69
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG21	12	3.69
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG22	12	3.69
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG23	12	3.69
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG21	12	3.69
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG22	12	3.69
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG23	12	3.69
(1,913)	1:66:A:THR:HG21	1:95:A:ILE:HB	15	3.69
(1,913)	1:66:A:THR:HG22	1:95:A:ILE:HB	15	3.69
(1,913)	1:66:A:THR:HG23	1:95:A:ILE:HB	15	3.69
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE1	9	3.68
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE2	9	3.68
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE3	9	3.68
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	5	3.68
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	5	3.68
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	5	3.68
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	5	3.68
(30,1713)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	9	3.68
(30,1713)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	9	3.68
(30,1713)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	9	3.68
(30,1713)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	9	3.68
(30,1713)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	9	3.68
(30,1713)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	9	3.68
(20,6)	1:52:A:CYS:SG	1:56:A:CYS:SG	6	3.68
(18,1947)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	18	3.68
(18,1947)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	18	3.68
(18,1947)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	18	3.68
(18,1947)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	18	3.68
(17,2069)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	1	3.68
(17,2069)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	1	3.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2069)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	1	3.68
(17,2069)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	1	3.68
(17,2069)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	1	3.68
(17,2069)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	1	3.68
(17,2069)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	1	3.68
(17,2069)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	1	3.68
(17,2069)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	1	3.68
(17,2069)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	1	3.68
(17,2069)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	1	3.68
(17,2069)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	1	3.68
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG21	4	3.68
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG22	4	3.68
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG23	4	3.68
(11,1967)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	18	3.68
(11,1967)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	18	3.68
(11,1967)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	18	3.68
(11,1967)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	18	3.68
(9,1942)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	18	3.68
(9,1942)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	18	3.68
(9,1942)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	18	3.68
(9,1942)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	18	3.68
(7,2029)	1:34:A:LYS:H	1:81:A:GLU:HB2	14	3.68
(7,2029)	1:34:A:LYS:H	1:81:A:GLU:HB3	14	3.68
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD2	2	3.68
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD3	2	3.68
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD2	2	3.68
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD3	2	3.68
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD2	2	3.68
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD3	2	3.68
(3,1975)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	18	3.68
(3,1975)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	18	3.68
(3,1975)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	18	3.68
(3,1975)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	18	3.68
(2,1727)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	9	3.68
(2,1727)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	9	3.68
(2,1727)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	9	3.68
(2,1727)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	9	3.68
(2,1727)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	9	3.68
(2,1727)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	9	3.68
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG2	14	3.68
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG3	14	3.68
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG2	14	3.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG3	14	3.68
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE1	17	3.67
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE2	17	3.67
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE3	17	3.67
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE1	17	3.67
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE2	17	3.67
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE3	17	3.67
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	5	3.67
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	5	3.67
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	5	3.67
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	5	3.67
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	19	3.67
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	19	3.67
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	19	3.67
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	19	3.67
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	9	3.67
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	9	3.67
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	9	3.67
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	9	3.67
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	9	3.67
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	9	3.67
(29,159)	1:67:A:PRO:HD3	1:95:A:ILE:H	7	3.67
(16,1834)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	6	3.67
(16,1834)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	6	3.67
(16,1834)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	6	3.67
(16,1834)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	6	3.67
(15,2493)	1:144:A:LEU:HD11	1:147:A:ARG:HA	4	3.67
(15,2493)	1:144:A:LEU:HD12	1:147:A:ARG:HA	4	3.67
(15,2493)	1:144:A:LEU:HD13	1:147:A:ARG:HA	4	3.67
(15,2493)	1:144:A:LEU:HD21	1:147:A:ARG:HA	4	3.67
(15,2493)	1:144:A:LEU:HD22	1:147:A:ARG:HA	4	3.67
(15,2493)	1:144:A:LEU:HD23	1:147:A:ARG:HA	4	3.67
(9,1749)	1:39:A:VAL:HB	1:139:A:LEU:HA	8	3.67
(6,152)	1:67:A:PRO:HD3	1:95:A:ILE:H	7	3.67
(5,2470)	1:144:A:LEU:HD11	1:147:A:ARG:HA	4	3.67
(5,2470)	1:144:A:LEU:HD12	1:147:A:ARG:HA	4	3.67
(5,2470)	1:144:A:LEU:HD13	1:147:A:ARG:HA	4	3.67
(5,2470)	1:144:A:LEU:HD21	1:147:A:ARG:HA	4	3.67
(5,2470)	1:144:A:LEU:HD22	1:147:A:ARG:HA	4	3.67
(5,2470)	1:144:A:LEU:HD23	1:147:A:ARG:HA	4	3.67
(5,147)	1:67:A:PRO:HD3	1:95:A:ILE:H	7	3.67
(34,1248)	1:34:A:LYS:H	1:81:A:GLU:HA	14	3.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,725)	1:45:A:ALA:H	1:48:A:ARG:HE	7	3.66
(33,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB2	4	3.66
(33,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB2	4	3.66
(33,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB2	4	3.66
(33,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB2	4	3.66
(33,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB2	4	3.66
(33,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB2	4	3.66
(33,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB3	4	3.66
(33,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB3	4	3.66
(33,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB3	4	3.66
(33,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB3	4	3.66
(33,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB3	4	3.66
(33,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB3	4	3.66
(33,715)	1:45:A:ALA:H	1:48:A:ARG:HE	7	3.66
(33,558)	1:10:A:ASN:HD21	1:14:A:VAL:HB	19	3.66
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD11	18	3.66
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD12	18	3.66
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD13	18	3.66
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD21	18	3.66
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD22	18	3.66
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD23	18	3.66
(32,1706)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	5	3.66
(32,1706)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	5	3.66
(32,1190)	1:34:A:LYS:H	1:81:A:GLU:HA	14	3.66
(32,697)	1:45:A:ALA:H	1:48:A:ARG:HE	7	3.66
(30,1219)	1:34:A:LYS:H	1:81:A:GLU:HA	14	3.66
(30,712)	1:45:A:ALA:H	1:48:A:ARG:HE	7	3.66
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	14	3.66
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	14	3.66
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	14	3.66
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD21	14	3.66
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD22	14	3.66
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD23	14	3.66
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	14	3.66
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	14	3.66
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	14	3.66
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD21	14	3.66
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD22	14	3.66
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD23	14	3.66
(18,729)	1:45:A:ALA:H	1:48:A:ARG:HE	7	3.66
(17,718)	1:45:A:ALA:H	1:48:A:ARG:HE	7	3.66
(16,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB2	4	3.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB2	4	3.66
(16,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB2	4	3.66
(16,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB2	4	3.66
(16,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB2	4	3.66
(16,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB2	4	3.66
(16,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB3	4	3.66
(16,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB3	4	3.66
(16,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB3	4	3.66
(16,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB3	4	3.66
(16,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB3	4	3.66
(16,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB3	4	3.66
(16,1698)	1:27:A:ARG:HA	1:31:A:PRO:HD2	19	3.66
(16,1231)	1:34:A:LYS:H	1:81:A:GLU:HA	14	3.66
(16,723)	1:45:A:ALA:H	1:48:A:ARG:HE	7	3.66
(16,566)	1:10:A:ASN:HD21	1:14:A:VAL:HB	19	3.66
(15,1224)	1:34:A:LYS:H	1:81:A:GLU:HA	14	3.66
(13,555)	1:10:A:ASN:HD21	1:14:A:VAL:HB	19	3.66
(11,717)	1:45:A:ALA:H	1:48:A:ARG:HE	7	3.66
(9,711)	1:45:A:ALA:H	1:48:A:ARG:HE	7	3.66
(7,1666)	1:43:A:MET:HE1	1:131:A:LEU:HA	7	3.66
(7,1666)	1:43:A:MET:HE2	1:131:A:LEU:HA	7	3.66
(7,1666)	1:43:A:MET:HE3	1:131:A:LEU:HA	7	3.66
(7,710)	1:45:A:ALA:H	1:48:A:ARG:HE	7	3.66
(7,560)	1:10:A:ASN:HD21	1:14:A:VAL:HB	19	3.66
(6,1699)	1:43:A:MET:HE1	1:131:A:LEU:HA	7	3.66
(6,1699)	1:43:A:MET:HE2	1:131:A:LEU:HA	7	3.66
(6,1699)	1:43:A:MET:HE3	1:131:A:LEU:HA	7	3.66
(5,715)	1:45:A:ALA:H	1:48:A:ARG:HE	7	3.66
(5,555)	1:10:A:ASN:HD21	1:14:A:VAL:HB	19	3.66
(4,1677)	1:43:A:MET:HE1	1:131:A:LEU:HA	7	3.66
(4,1677)	1:43:A:MET:HE2	1:131:A:LEU:HA	7	3.66
(4,1677)	1:43:A:MET:HE3	1:131:A:LEU:HA	7	3.66
(3,1729)	1:43:A:MET:HE1	1:131:A:LEU:HA	7	3.66
(3,1729)	1:43:A:MET:HE2	1:131:A:LEU:HA	7	3.66
(3,1729)	1:43:A:MET:HE3	1:131:A:LEU:HA	7	3.66
(3,1245)	1:34:A:LYS:H	1:81:A:GLU:HA	14	3.66
(3,724)	1:45:A:ALA:H	1:48:A:ARG:HE	7	3.66
(2,1272)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	15	3.66
(2,1272)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	15	3.66
(2,1272)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	15	3.66
(2,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	6	3.66
(2,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	6	3.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	6	3.66
(2,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	6	3.66
(1,722)	1:45:A:ALA:H	1:48:A:ARG:HE	7	3.66
(1,564)	1:10:A:ASN:HD21	1:14:A:VAL:HB	19	3.66
(34,2069)	1:34:A:LYS:H	1:81:A:GLU:HB2	14	3.65
(34,2069)	1:34:A:LYS:H	1:81:A:GLU:HB3	14	3.65
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE1	8	3.65
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE2	8	3.65
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE3	8	3.65
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE1	8	3.65
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE2	8	3.65
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE3	8	3.65
(32,1084)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	15	3.65
(32,1084)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	15	3.65
(29,660)	1:96:A:VAL:HA	1:116:A:GLN:HE22	10	3.65
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	12	3.65
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	12	3.65
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	12	3.65
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD21	12	3.65
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD22	12	3.65
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD23	12	3.65
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	12	3.65
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	12	3.65
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	12	3.65
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD21	12	3.65
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD22	12	3.65
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD23	12	3.65
(18,667)	1:96:A:VAL:HA	1:116:A:GLN:HE22	10	3.65
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD11	15	3.65
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD12	15	3.65
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD13	15	3.65
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD21	15	3.65
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD22	15	3.65
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD23	15	3.65
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD11	15	3.65
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD12	15	3.65
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD13	15	3.65
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD21	15	3.65
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD22	15	3.65
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD23	15	3.65
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD11	15	3.65
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD12	15	3.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD13	15	3.65
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD21	15	3.65
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD22	15	3.65
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD23	15	3.65
(16,2162)	1:44:A:GLU:HG2	1:48:A:ARG:HE	7	3.65
(16,2162)	1:44:A:GLU:HG3	1:48:A:ARG:HE	7	3.65
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG11	15	3.65
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG12	15	3.65
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG13	15	3.65
(15,2131)	1:44:A:GLU:HG2	1:48:A:ARG:HE	7	3.65
(15,2131)	1:44:A:GLU:HG3	1:48:A:ARG:HE	7	3.65
(13,2106)	1:44:A:GLU:HG2	1:48:A:ARG:HE	7	3.65
(13,2106)	1:44:A:GLU:HG3	1:48:A:ARG:HE	7	3.65
(13,2021)	1:34:A:LYS:H	1:81:A:GLU:HB2	14	3.65
(13,2021)	1:34:A:LYS:H	1:81:A:GLU:HB3	14	3.65
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE1	16	3.65
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE2	16	3.65
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE3	16	3.65
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG11	3	3.65
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG12	3	3.65
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG13	3	3.65
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG21	3	3.65
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG22	3	3.65
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG23	3	3.65
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG21	15	3.65
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG22	15	3.65
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG23	15	3.65
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG11	15	3.65
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG12	15	3.65
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG13	15	3.65
(2,2081)	1:34:A:LYS:H	1:81:A:GLU:HB2	14	3.65
(2,2081)	1:34:A:LYS:H	1:81:A:GLU:HB3	14	3.65
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG11	15	3.65
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG12	15	3.65
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG13	15	3.65
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG11	10	3.65
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG12	10	3.65
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG13	10	3.65
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG21	10	3.65
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG22	10	3.65
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG23	10	3.65
(1,662)	1:96:A:VAL:HA	1:116:A:GLN:HE22	10	3.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(19,19)	1:56:A:CYS:SG	1:127:A:CYS:CB	15	3.64
(18,1602)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	10	3.64
(18,1602)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	10	3.64
(18,1602)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	10	3.64
(18,1602)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	10	3.64
(18,1602)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	10	3.64
(18,1602)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	10	3.64
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	19	3.64
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	19	3.64
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	19	3.64
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	19	3.64
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG21	15	3.64
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG22	15	3.64
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG23	15	3.64
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG21	15	3.64
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG22	15	3.64
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG23	15	3.64
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG21	15	3.64
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG22	15	3.64
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG23	15	3.64
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG11	15	3.64
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG12	15	3.64
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG13	15	3.64
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG11	15	3.64
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG12	15	3.64
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG13	15	3.64
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG11	15	3.64
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG12	15	3.64
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG13	15	3.64
(5,1123)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	7	3.64
(5,1123)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	7	3.64
(5,1123)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	7	3.64
(5,1123)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	7	3.64
(5,1123)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	7	3.64
(5,1123)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	7	3.64
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG11	11	3.64
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG12	11	3.64
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG13	11	3.64
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG21	11	3.64
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG22	11	3.64
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG23	11	3.64
(2,1888)	1:18:A:PHE:HA	1:113:A:PHE:HE1	17	3.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1888)	1:18:A:PHE:HA	1:113:A:PHE:HE2	17	3.64
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	8	3.64
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	8	3.64
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	8	3.64
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	8	3.64
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	8	3.64
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	8	3.64
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	8	3.64
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	8	3.64
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	8	3.64
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	13	3.63
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	13	3.63
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	13	3.63
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	13	3.63
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	13	3.63
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	13	3.63
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	13	3.63
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	13	3.63
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	13	3.63
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	13	3.63
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	13	3.63
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	13	3.63
(33,1616)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	19	3.63
(33,1616)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	19	3.63
(33,832)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	6	3.63
(33,832)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	6	3.63
(33,832)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	6	3.63
(33,832)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	6	3.63
(32,809)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	6	3.63
(32,809)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	6	3.63
(32,809)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	6	3.63
(32,809)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	6	3.63
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD11	19	3.63
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD12	19	3.63
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD13	19	3.63
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD21	19	3.63
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD22	19	3.63
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD23	19	3.63
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG11	13	3.63
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG12	13	3.63
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG13	13	3.63
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD11	19	3.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD12	19	3.63
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD13	19	3.63
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD21	19	3.63
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD22	19	3.63
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD23	19	3.63
(19,1)	1:120:A:CYS:SG	1:56:A:CYS:CB	4	3.63
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD21	19	3.63
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD22	19	3.63
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD23	19	3.63
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD21	19	3.63
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD22	19	3.63
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD23	19	3.63
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD21	19	3.63
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD22	19	3.63
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD23	19	3.63
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD11	2	3.63
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD12	2	3.63
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD13	2	3.63
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD21	2	3.63
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD22	2	3.63
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD23	2	3.63
(16,1613)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	19	3.63
(16,1613)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	19	3.63
(13,813)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	6	3.63
(13,813)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	6	3.63
(13,813)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	6	3.63
(13,813)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	6	3.63
(11,1657)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	19	3.63
(11,1657)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	19	3.63
(11,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	6	3.63
(11,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	6	3.63
(11,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	6	3.63
(11,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	6	3.63
(9,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	6	3.63
(9,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	6	3.63
(9,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	6	3.63
(9,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	6	3.63
(4,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	6	3.63
(4,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	6	3.63
(4,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	6	3.63
(4,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	6	3.63
(3,1656)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	19	3.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1656)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	19	3.63
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	17	3.63
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	17	3.63
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	17	3.63
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	17	3.63
(1,1626)	1:21:A:THR:HB	1:24:A:ASP:HA	15	3.63
(1,1132)	1:31:A:PRO:HD2	1:143:A:TRP:HA	5	3.63
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE1	16	3.62
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE2	16	3.62
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE3	16	3.62
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	16	3.62
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	16	3.62
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	16	3.62
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	16	3.62
(32,1706)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	10	3.62
(32,1706)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	10	3.62
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD11	14	3.62
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD12	14	3.62
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD13	14	3.62
(1,2056)	1:31:A:PRO:HD2	1:143:A:TRP:HA	2	3.62
(1,2056)	1:31:A:PRO:HD3	1:143:A:TRP:HA	2	3.62
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB2	2	3.62
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB3	2	3.62
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB2	2	3.62
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB3	2	3.62
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	1	3.61
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	1	3.61
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	1	3.61
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	1	3.61
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	1	3.61
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	1	3.61
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD11	11	3.61
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD12	11	3.61
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD13	11	3.61
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD21	11	3.61
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD22	11	3.61
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD23	11	3.61
(19,23)	1:59:A:CYS:SG	1:123:A:CYS:CB	8	3.61
(19,8)	1:123:A:CYS:SG	1:59:A:CYS:CB	6	3.61
(18,1947)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	11	3.61
(18,1947)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	11	3.61
(18,1947)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	11	3.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1947)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	11	3.61
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	5	3.61
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	5	3.61
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	5	3.61
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	5	3.61
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG21	10	3.61
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG22	10	3.61
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG23	10	3.61
(11,1967)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	11	3.61
(11,1967)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	11	3.61
(11,1967)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	11	3.61
(11,1967)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	11	3.61
(9,1942)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	11	3.61
(9,1942)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	11	3.61
(9,1942)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	11	3.61
(9,1942)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	11	3.61
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD11	11	3.61
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD12	11	3.61
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD13	11	3.61
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD21	11	3.61
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD22	11	3.61
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD23	11	3.61
(3,1975)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	11	3.61
(3,1975)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	11	3.61
(3,1975)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	11	3.61
(3,1975)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	11	3.61
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD21	2	3.61
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD22	2	3.61
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD23	2	3.61
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD21	19	3.61
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD22	19	3.61
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD23	19	3.61
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG21	4	3.61
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG22	4	3.61
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG23	4	3.61
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG21	4	3.61
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG22	4	3.61
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG23	4	3.61
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG21	4	3.61
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG22	4	3.61
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG23	4	3.61
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG11	4	3.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG12	4	3.61
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG13	4	3.61
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG11	4	3.61
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG12	4	3.61
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG13	4	3.61
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG11	4	3.61
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG12	4	3.61
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG13	4	3.61
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	3	3.6
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	3	3.6
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	3	3.6
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	3	3.6
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	3	3.6
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	3	3.6
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	3	3.6
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	3	3.6
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	3	3.6
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	3	3.6
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	3	3.6
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	3	3.6
(34,908)	1:10:A:ASN:HD22	1:11:A:ILE:HB	9	3.6
(30,1713)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	1	3.6
(30,1713)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	1	3.6
(30,1713)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	1	3.6
(30,1713)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	1	3.6
(30,1713)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	1	3.6
(30,1713)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	1	3.6
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB1	15	3.6
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB2	15	3.6
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB3	15	3.6
(19,11)	1:127:A:CYS:SG	1:56:A:CYS:CB	12	3.6
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB1	15	3.6
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB2	15	3.6
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB3	15	3.6
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	19	3.6
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	19	3.6
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	19	3.6
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	19	3.6
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	19	3.6
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	19	3.6
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	19	3.6
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	19	3.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	19	3.6
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	19	3.6
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	19	3.6
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	19	3.6
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	19	3.6
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	19	3.6
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	19	3.6
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	19	3.6
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	19	3.6
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	19	3.6
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	13	3.6
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	13	3.6
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	13	3.6
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	13	3.6
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	13	3.6
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	13	3.6
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	13	3.6
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	13	3.6
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	13	3.6
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	13	3.6
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	13	3.6
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	13	3.6
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	13	3.6
(7,743)	1:43:A:MET:HE1	1:134:A:VAL:H	13	3.6
(7,743)	1:43:A:MET:HE2	1:134:A:VAL:H	13	3.6
(7,743)	1:43:A:MET:HE3	1:134:A:VAL:H	13	3.6
(7,743)	1:43:A:MET:HE1	1:134:A:VAL:H	18	3.6
(7,743)	1:43:A:MET:HE2	1:134:A:VAL:H	18	3.6
(7,743)	1:43:A:MET:HE3	1:134:A:VAL:H	18	3.6
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	4	3.6
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	4	3.6
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	4	3.6
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	4	3.6
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	4	3.6
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	4	3.6
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	4	3.6
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	4	3.6
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	4	3.6
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	4	3.6
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	4	3.6
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	4	3.6
(4,740)	1:43:A:MET:HE1	1:134:A:VAL:H	13	3.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,740)	1:43:A:MET:HE2	1:134:A:VAL:H	13	3.6
(4,740)	1:43:A:MET:HE3	1:134:A:VAL:H	13	3.6
(4,740)	1:43:A:MET:HE1	1:134:A:VAL:H	18	3.6
(4,740)	1:43:A:MET:HE2	1:134:A:VAL:H	18	3.6
(4,740)	1:43:A:MET:HE3	1:134:A:VAL:H	18	3.6
(2,1727)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	1	3.6
(2,1727)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	1	3.6
(2,1727)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	1	3.6
(2,1727)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	1	3.6
(2,1727)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	1	3.6
(2,1727)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	1	3.6
(1,1449)	1:31:A:PRO:HD3	1:143:A:TRP:HA	1	3.6
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB2	8	3.6
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB3	8	3.6
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB2	8	3.6
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB3	8	3.6
(34,1046)	1:34:A:LYS:H	1:81:A:GLU:HB3	14	3.59
(34,913)	1:67:A:PRO:HD3	1:95:A:ILE:HB	7	3.59
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	17	3.59
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	17	3.59
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	17	3.59
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	17	3.59
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD21	14	3.59
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD22	14	3.59
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD23	14	3.59
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD21	14	3.59
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD22	14	3.59
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD23	14	3.59
(30,888)	1:67:A:PRO:HD3	1:95:A:ILE:HB	7	3.59
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG11	13	3.59
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG12	13	3.59
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG13	13	3.59
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG21	12	3.59
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG22	12	3.59
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG23	12	3.59
(13,1002)	1:34:A:LYS:H	1:81:A:GLU:HB3	14	3.59
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB2	11	3.59
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB3	11	3.59
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB2	11	3.59
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB3	11	3.59
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB2	11	3.59
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB3	11	3.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2004)	1:27:A:ARG:HA	1:31:A:PRO:HD2	16	3.59
(7,2004)	1:27:A:ARG:HA	1:31:A:PRO:HD3	16	3.59
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE1	5	3.59
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE2	5	3.59
(2,1013)	1:34:A:LYS:H	1:81:A:GLU:HB3	14	3.59
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG21	16	3.59
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG22	16	3.59
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG23	16	3.59
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG21	16	3.59
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG22	16	3.59
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG23	16	3.59
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG21	16	3.59
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG22	16	3.59
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG23	16	3.59
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG11	15	3.58
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG12	15	3.58
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG13	15	3.58
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG21	15	3.58
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG22	15	3.58
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG23	15	3.58
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD1	13	3.58
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD2	13	3.58
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD1	13	3.58
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD2	13	3.58
(33,981)	1:15:A:ALA:HB1	1:134:A:VAL:HB	13	3.58
(33,981)	1:15:A:ALA:HB2	1:134:A:VAL:HB	13	3.58
(33,981)	1:15:A:ALA:HB3	1:134:A:VAL:HB	13	3.58
(33,677)	1:20:A:THR:H	1:133:A:ASN:H	16	3.58
(30,1096)	1:31:A:PRO:HG2	1:143:A:TRP:HA	1	3.58
(30,1096)	1:31:A:PRO:HG3	1:143:A:TRP:HA	1	3.58
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	4	3.58
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	4	3.58
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	4	3.58
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	4	3.58
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	4	3.58
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	4	3.58
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD11	2	3.58
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD12	2	3.58
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD13	2	3.58
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD11	2	3.58
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD12	2	3.58
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD13	2	3.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD11	2	3.58
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD12	2	3.58
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD13	2	3.58
(17,853)	1:43:A:MET:HE1	1:144:A:LEU:HB3	3	3.58
(17,853)	1:43:A:MET:HE2	1:144:A:LEU:HB3	3	3.58
(17,853)	1:43:A:MET:HE3	1:144:A:LEU:HB3	3	3.58
(17,853)	1:43:A:MET:HE1	1:144:A:LEU:HB2	3	3.58
(17,853)	1:43:A:MET:HE2	1:144:A:LEU:HB2	3	3.58
(17,853)	1:43:A:MET:HE3	1:144:A:LEU:HB2	3	3.58
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	9	3.58
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	9	3.58
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	9	3.58
(7,1688)	1:20:A:THR:HG21	1:134:A:VAL:HB	1	3.58
(7,1688)	1:20:A:THR:HG22	1:134:A:VAL:HB	1	3.58
(7,1688)	1:20:A:THR:HG23	1:134:A:VAL:HB	1	3.58
(7,960)	1:15:A:ALA:HB1	1:134:A:VAL:HB	13	3.58
(7,960)	1:15:A:ALA:HB2	1:134:A:VAL:HB	13	3.58
(7,960)	1:15:A:ALA:HB3	1:134:A:VAL:HB	13	3.58
(6,963)	1:15:A:ALA:HB1	1:134:A:VAL:HB	13	3.58
(6,963)	1:15:A:ALA:HB2	1:134:A:VAL:HB	13	3.58
(6,963)	1:15:A:ALA:HB3	1:134:A:VAL:HB	13	3.58
(4,1930)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	10	3.58
(4,1930)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	10	3.58
(4,1930)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	10	3.58
(4,1930)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	10	3.58
(4,965)	1:15:A:ALA:HB1	1:134:A:VAL:HB	13	3.58
(4,965)	1:15:A:ALA:HB2	1:134:A:VAL:HB	13	3.58
(4,965)	1:15:A:ALA:HB3	1:134:A:VAL:HB	13	3.58
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG11	16	3.58
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG12	16	3.58
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG13	16	3.58
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG21	16	3.58
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG22	16	3.58
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG23	16	3.58
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG11	16	3.58
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG12	16	3.58
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG13	16	3.58
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG21	16	3.58
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG22	16	3.58
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG23	16	3.58
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG11	16	3.58
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG12	16	3.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG13	16	3.58
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG21	16	3.58
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG22	16	3.58
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG23	16	3.58
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE1	4	3.57
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE2	4	3.57
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE3	4	3.57
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE1	4	3.57
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE2	4	3.57
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE3	4	3.57
(34,908)	1:10:A:ASN:HD22	1:11:A:ILE:HB	19	3.57
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	14	3.57
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	14	3.57
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	14	3.57
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	14	3.57
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	14	3.57
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	14	3.57
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	14	3.57
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	14	3.57
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	14	3.57
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	14	3.57
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	14	3.57
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	14	3.57
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	2	3.57
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	2	3.57
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	2	3.57
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	2	3.57
(20,2)	1:123:A:CYS:SG	1:127:A:CYS:SG	10	3.57
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE1	18	3.57
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE2	18	3.57
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE3	18	3.57
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE1	7	3.57
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE2	7	3.57
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE3	7	3.57
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE1	7	3.57
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE2	7	3.57
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE3	7	3.57
(3,1143)	1:31:A:PRO:HD2	1:143:A:TRP:HA	5	3.57
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE1	7	3.57
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE2	7	3.57
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE3	7	3.57
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE1	7	3.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE2	7	3.57
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE3	7	3.57
(1,991)	1:11:A:ILE:HG12	1:14:A:VAL:HB	14	3.57
(1,763)	1:20:A:THR:HB	1:134:A:VAL:H	1	3.57
(33,1131)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	17	3.56
(33,1131)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	17	3.56
(33,1131)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	17	3.56
(33,1131)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	17	3.56
(33,1131)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	17	3.56
(33,1131)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	17	3.56
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD11	9	3.56
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD12	9	3.56
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD13	9	3.56
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD11	9	3.56
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD12	9	3.56
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD13	9	3.56
(29,2035)	1:17:A:ASN:HB2	1:76:A:ARG:HA	12	3.56
(29,2035)	1:17:A:ASN:HB3	1:76:A:ARG:HA	12	3.56
(17,2027)	1:17:A:ASN:HB2	1:76:A:ARG:HA	12	3.56
(17,2027)	1:17:A:ASN:HB3	1:76:A:ARG:HA	12	3.56
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD11	13	3.56
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD12	13	3.56
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD13	13	3.56
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD21	13	3.56
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD22	13	3.56
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD23	13	3.56
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	6	3.56
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	6	3.56
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	6	3.56
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	6	3.56
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	6	3.56
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	6	3.56
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG11	8	3.56
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG12	8	3.56
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG13	8	3.56
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD21	3	3.56
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD22	3	3.56
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD23	3	3.56
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD21	3	3.56
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD22	3	3.56
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD23	3	3.56
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD21	3	3.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD22	3	3.56
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD23	3	3.56
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	7	3.56
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	7	3.56
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	7	3.56
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	7	3.56
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG11	9	3.56
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG12	9	3.56
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG13	9	3.56
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG21	9	3.56
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG22	9	3.56
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG23	9	3.56
(6,2025)	1:17:A:ASN:HB2	1:76:A:ARG:HA	12	3.56
(6,2025)	1:17:A:ASN:HB3	1:76:A:ARG:HA	12	3.56
(3,2042)	1:17:A:ASN:HB2	1:76:A:ARG:HA	12	3.56
(3,2042)	1:17:A:ASN:HB3	1:76:A:ARG:HA	12	3.56
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	7	3.56
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	7	3.56
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	7	3.56
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	7	3.56
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD21	11	3.56
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD22	11	3.56
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD23	11	3.56
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD21	11	3.56
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD22	11	3.56
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD23	11	3.56
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD21	11	3.56
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD22	11	3.56
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD23	11	3.56
(2,1095)	1:31:A:PRO:HG2	1:143:A:TRP:HA	1	3.56
(2,1095)	1:31:A:PRO:HG3	1:143:A:TRP:HA	1	3.56
(1,1158)	1:39:A:VAL:HB	1:139:A:LEU:HA	13	3.56
(34,1134)	1:18:A:PHE:HA	1:113:A:PHE:HZ	12	3.55
(32,2035)	1:30:A:LEU:HD11	1:143:A:TRP:HH2	7	3.55
(32,2035)	1:30:A:LEU:HD12	1:143:A:TRP:HH2	7	3.55
(32,2035)	1:30:A:LEU:HD13	1:143:A:TRP:HH2	7	3.55
(32,2035)	1:30:A:LEU:HD21	1:143:A:TRP:HH2	7	3.55
(32,2035)	1:30:A:LEU:HD22	1:143:A:TRP:HH2	7	3.55
(32,2035)	1:30:A:LEU:HD23	1:143:A:TRP:HH2	7	3.55
(32,1072)	1:18:A:PHE:HA	1:113:A:PHE:HZ	12	3.55
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB2	14	3.55
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB2	14	3.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB2	14	3.55
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB3	14	3.55
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB3	14	3.55
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB3	14	3.55
(29,2079)	1:34:A:LYS:H	1:81:A:GLU:HB2	14	3.55
(29,2079)	1:34:A:LYS:H	1:81:A:GLU:HB3	14	3.55
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD11	9	3.55
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD12	9	3.55
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD13	9	3.55
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD21	9	3.55
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD22	9	3.55
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD23	9	3.55
(29,1117)	1:18:A:PHE:HA	1:113:A:PHE:HZ	12	3.55
(18,153)	1:67:A:PRO:HD3	1:95:A:ILE:H	1	3.55
(17,2078)	1:34:A:LYS:H	1:81:A:GLU:HB2	14	3.55
(17,2078)	1:34:A:LYS:H	1:81:A:GLU:HB3	14	3.55
(17,1115)	1:18:A:PHE:HA	1:113:A:PHE:HZ	12	3.55
(15,2035)	1:31:A:PRO:HD2	1:144:A:LEU:HB2	3	3.55
(15,2035)	1:31:A:PRO:HD2	1:144:A:LEU:HB3	3	3.55
(15,2035)	1:31:A:PRO:HD3	1:144:A:LEU:HB2	3	3.55
(15,2035)	1:31:A:PRO:HD3	1:144:A:LEU:HB3	3	3.55
(15,1106)	1:18:A:PHE:HA	1:113:A:PHE:HZ	12	3.55
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	2	3.55
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	2	3.55
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	2	3.55
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	2	3.55
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	2	3.55
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	2	3.55
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB1	16	3.55
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB2	16	3.55
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB3	16	3.55
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	11	3.55
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	11	3.55
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	11	3.55
(11,843)	1:43:A:MET:HE1	1:144:A:LEU:HB2	14	3.55
(11,843)	1:43:A:MET:HE2	1:144:A:LEU:HB2	14	3.55
(11,843)	1:43:A:MET:HE3	1:144:A:LEU:HB2	14	3.55
(11,843)	1:43:A:MET:HE1	1:144:A:LEU:HB3	14	3.55
(11,843)	1:43:A:MET:HE2	1:144:A:LEU:HB3	14	3.55
(11,843)	1:43:A:MET:HE3	1:144:A:LEU:HB3	14	3.55
(6,1088)	1:18:A:PHE:HA	1:113:A:PHE:HZ	12	3.55
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD11	9	3.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD12	9	3.55
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD13	9	3.55
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD21	9	3.55
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD22	9	3.55
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD23	9	3.55
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB1	16	3.55
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB2	16	3.55
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB3	16	3.55
(4,1088)	1:18:A:PHE:HA	1:113:A:PHE:HZ	12	3.55
(3,1126)	1:18:A:PHE:HA	1:113:A:PHE:HZ	12	3.55
(3,861)	1:43:A:MET:HE1	1:144:A:LEU:HB2	2	3.55
(3,861)	1:43:A:MET:HE2	1:144:A:LEU:HB2	2	3.55
(3,861)	1:43:A:MET:HE3	1:144:A:LEU:HB2	2	3.55
(3,152)	1:67:A:PRO:HD3	1:95:A:ILE:H	1	3.55
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB1	16	3.55
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB2	16	3.55
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB3	16	3.55
(34,1248)	1:34:A:LYS:H	1:81:A:GLU:HA	6	3.54
(33,2069)	1:34:A:LYS:H	1:81:A:GLU:HB2	14	3.54
(33,2069)	1:34:A:LYS:H	1:81:A:GLU:HB3	14	3.54
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	13	3.54
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	13	3.54
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	13	3.54
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	13	3.54
(32,1190)	1:34:A:LYS:H	1:81:A:GLU:HA	6	3.54
(30,1219)	1:34:A:LYS:H	1:81:A:GLU:HA	6	3.54
(29,660)	1:96:A:VAL:HA	1:116:A:GLN:HE22	11	3.54
(19,3)	1:120:A:CYS:SG	1:123:A:CYS:CB	4	3.54
(18,2054)	1:30:A:LEU:HD11	1:136:A:CYS:HA	3	3.54
(18,2054)	1:30:A:LEU:HD12	1:136:A:CYS:HA	3	3.54
(18,2054)	1:30:A:LEU:HD13	1:136:A:CYS:HA	3	3.54
(18,2054)	1:30:A:LEU:HD21	1:136:A:CYS:HA	3	3.54
(18,2054)	1:30:A:LEU:HD22	1:136:A:CYS:HA	3	3.54
(18,2054)	1:30:A:LEU:HD23	1:136:A:CYS:HA	3	3.54
(18,667)	1:96:A:VAL:HA	1:116:A:GLN:HE22	11	3.54
(17,556)	1:10:A:ASN:HD21	1:14:A:VAL:HB	9	3.54
(16,1617)	1:31:A:PRO:HG2	1:80:A:TYR:HB3	7	3.54
(16,1617)	1:31:A:PRO:HG3	1:80:A:TYR:HB3	7	3.54
(16,1231)	1:34:A:LYS:H	1:81:A:GLU:HA	6	3.54
(15,1224)	1:34:A:LYS:H	1:81:A:GLU:HA	6	3.54
(13,1596)	1:12:A:VAL:HA	1:80:A:TYR:HB3	17	3.54
(3,1875)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	14	3.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1875)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	14	3.54
(3,1875)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	14	3.54
(3,1875)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	14	3.54
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD21	9	3.54
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD22	9	3.54
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD23	9	3.54
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD21	9	3.54
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD22	9	3.54
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD23	9	3.54
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD21	9	3.54
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD22	9	3.54
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD23	9	3.54
(3,1245)	1:34:A:LYS:H	1:81:A:GLU:HA	6	3.54
(2,1645)	1:12:A:VAL:HA	1:80:A:TYR:HB3	17	3.54
(2,1458)	1:30:A:LEU:HB2	1:145:A:PRO:HD2	12	3.54
(2,1458)	1:30:A:LEU:HB3	1:145:A:PRO:HD2	12	3.54
(1,2056)	1:31:A:PRO:HD2	1:143:A:TRP:HA	15	3.54
(1,2056)	1:31:A:PRO:HD3	1:143:A:TRP:HA	15	3.54
(1,662)	1:96:A:VAL:HA	1:116:A:GLN:HE22	11	3.54
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG2	9	3.53
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG3	9	3.53
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD11	6	3.53
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD12	6	3.53
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD13	6	3.53
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD11	6	3.53
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD12	6	3.53
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD13	6	3.53
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD11	6	3.53
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD12	6	3.53
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD13	6	3.53
(30,1096)	1:31:A:PRO:HG2	1:143:A:TRP:HA	12	3.53
(30,1096)	1:31:A:PRO:HG3	1:143:A:TRP:HA	12	3.53
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD11	19	3.53
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD12	19	3.53
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD13	19	3.53
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD21	19	3.53
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD22	19	3.53
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD23	19	3.53
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD11	19	3.53
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD12	19	3.53
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD13	19	3.53
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD21	19	3.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD22	19	3.53
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD23	19	3.53
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD11	19	3.53
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD12	19	3.53
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD13	19	3.53
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD21	19	3.53
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD22	19	3.53
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD23	19	3.53
(19,5)	1:123:A:CYS:SG	1:127:A:CYS:CB	13	3.53
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG2	9	3.53
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG3	9	3.53
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	19	3.53
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	19	3.53
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	19	3.53
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	19	3.53
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	19	3.53
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	19	3.53
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	19	3.53
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	19	3.53
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	19	3.53
(13,1846)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	2	3.53
(13,1846)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	2	3.53
(13,1846)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	19	3.53
(13,1846)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	19	3.53
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB2	4	3.53
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB3	4	3.53
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD21	9	3.53
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD22	9	3.53
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD23	9	3.53
(2,1462)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	2	3.53
(2,1462)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	2	3.53
(2,1462)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	2	3.53
(2,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	2	3.53
(2,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	2	3.53
(2,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	2	3.53
(2,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	2	3.53
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	13	3.53
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	13	3.53
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	13	3.53
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	13	3.53
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	16	3.52
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	16	3.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	16	3.52
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	16	3.52
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	16	3.52
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	16	3.52
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB1	18	3.52
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB2	18	3.52
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB3	18	3.52
(32,2488)	1:144:A:LEU:HD11	1:146:A:GLN:HE21	2	3.52
(32,2488)	1:144:A:LEU:HD11	1:146:A:GLN:HE22	2	3.52
(32,2488)	1:144:A:LEU:HD12	1:146:A:GLN:HE21	2	3.52
(32,2488)	1:144:A:LEU:HD12	1:146:A:GLN:HE22	2	3.52
(32,2488)	1:144:A:LEU:HD13	1:146:A:GLN:HE21	2	3.52
(32,2488)	1:144:A:LEU:HD13	1:146:A:GLN:HE22	2	3.52
(32,2488)	1:144:A:LEU:HD21	1:146:A:GLN:HE21	2	3.52
(32,2488)	1:144:A:LEU:HD21	1:146:A:GLN:HE22	2	3.52
(32,2488)	1:144:A:LEU:HD22	1:146:A:GLN:HE21	2	3.52
(32,2488)	1:144:A:LEU:HD22	1:146:A:GLN:HE22	2	3.52
(32,2488)	1:144:A:LEU:HD23	1:146:A:GLN:HE21	2	3.52
(32,2488)	1:144:A:LEU:HD23	1:146:A:GLN:HE22	2	3.52
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD21	3	3.52
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD22	3	3.52
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD23	3	3.52
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD21	3	3.52
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD22	3	3.52
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD23	3	3.52
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD21	3	3.52
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD22	3	3.52
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD23	3	3.52
(19,17)	1:56:A:CYS:SG	1:120:A:CYS:CB	1	3.52
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	3	3.52
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	3	3.52
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	3	3.52
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	3	3.52
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	3	3.52
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	3	3.52
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	3	3.52
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	3	3.52
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	3	3.52
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	3	3.52
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	3	3.52
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	3	3.52
(17,2170)	1:43:A:MET:HE1	1:144:A:LEU:HB2	2	3.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2170)	1:43:A:MET:HE1	1:144:A:LEU:HB3	2	3.52
(17,2170)	1:43:A:MET:HE2	1:144:A:LEU:HB2	2	3.52
(17,2170)	1:43:A:MET:HE2	1:144:A:LEU:HB3	2	3.52
(17,2170)	1:43:A:MET:HE3	1:144:A:LEU:HB2	2	3.52
(17,2170)	1:43:A:MET:HE3	1:144:A:LEU:HB3	2	3.52
(16,1698)	1:27:A:ARG:HA	1:31:A:PRO:HD2	2	3.52
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG21	4	3.52
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG22	4	3.52
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG23	4	3.52
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG21	5	3.52
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG22	5	3.52
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG23	5	3.52
(5,843)	1:43:A:MET:HE1	1:144:A:LEU:HB3	19	3.52
(5,843)	1:43:A:MET:HE2	1:144:A:LEU:HB3	19	3.52
(5,843)	1:43:A:MET:HE3	1:144:A:LEU:HB3	19	3.52
(5,843)	1:43:A:MET:HE1	1:144:A:LEU:HB2	19	3.52
(5,843)	1:43:A:MET:HE2	1:144:A:LEU:HB2	19	3.52
(5,843)	1:43:A:MET:HE3	1:144:A:LEU:HB2	19	3.52
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB1	5	3.52
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB2	5	3.52
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB3	5	3.52
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG21	11	3.52
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG22	11	3.52
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG23	11	3.52
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG21	11	3.52
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG22	11	3.52
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG23	11	3.52
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG21	11	3.52
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG22	11	3.52
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG23	11	3.52
(1,861)	1:43:A:MET:HE1	1:131:A:LEU:HB3	18	3.52
(1,861)	1:43:A:MET:HE2	1:131:A:LEU:HB3	18	3.52
(1,861)	1:43:A:MET:HE3	1:131:A:LEU:HB3	18	3.52
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD11	4	3.51
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD12	4	3.51
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD13	4	3.51
(17,2170)	1:43:A:MET:HE1	1:144:A:LEU:HB2	15	3.51
(17,2170)	1:43:A:MET:HE1	1:144:A:LEU:HB3	15	3.51
(17,2170)	1:43:A:MET:HE2	1:144:A:LEU:HB2	15	3.51
(17,2170)	1:43:A:MET:HE2	1:144:A:LEU:HB3	15	3.51
(17,2170)	1:43:A:MET:HE3	1:144:A:LEU:HB2	15	3.51
(17,2170)	1:43:A:MET:HE3	1:144:A:LEU:HB3	15	3.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	5	3.51
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	5	3.51
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	5	3.51
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	5	3.51
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	5	3.51
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	5	3.51
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	5	3.51
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	5	3.51
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	5	3.51
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	5	3.51
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	5	3.51
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	5	3.51
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	5	3.51
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	5	3.51
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	5	3.51
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	5	3.51
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	5	3.51
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	5	3.51
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG11	12	3.51
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG12	12	3.51
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG13	12	3.51
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE1	18	3.51
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE2	18	3.51
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE3	18	3.51
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE1	18	3.51
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE2	18	3.51
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE3	18	3.51
(13,1596)	1:12:A:VAL:HA	1:80:A:TYR:HB3	15	3.51
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG11	12	3.51
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG12	12	3.51
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG13	12	3.51
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE1	2	3.51
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE2	2	3.51
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD21	3	3.51
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD22	3	3.51
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD23	3	3.51
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG11	12	3.51
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG12	12	3.51
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG13	12	3.51
(2,1645)	1:12:A:VAL:HA	1:80:A:TYR:HB3	15	3.51
(2,1095)	1:31:A:PRO:HG2	1:143:A:TRP:HA	12	3.51
(2,1095)	1:31:A:PRO:HG3	1:143:A:TRP:HA	12	3.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,949)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	14	3.5
(34,949)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	14	3.5
(34,949)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	14	3.5
(34,949)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	14	3.5
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB1	13	3.5
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB2	13	3.5
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB3	13	3.5
(33,832)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	2	3.5
(33,832)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	2	3.5
(33,832)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	2	3.5
(33,832)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	2	3.5
(32,809)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	2	3.5
(32,809)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	2	3.5
(32,809)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	2	3.5
(32,809)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	2	3.5
(30,1953)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	5	3.5
(30,1953)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	5	3.5
(30,1953)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	5	3.5
(30,1953)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	5	3.5
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD11	1	3.5
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD12	1	3.5
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD13	1	3.5
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD21	1	3.5
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD22	1	3.5
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD23	1	3.5
(19,1)	1:120:A:CYS:SG	1:56:A:CYS:CB	6	3.5
(15,1931)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	5	3.5
(15,1931)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	5	3.5
(15,1931)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	5	3.5
(15,1931)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	5	3.5
(13,813)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	2	3.5
(13,813)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	2	3.5
(13,813)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	2	3.5
(13,813)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	2	3.5
(11,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	2	3.5
(11,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	2	3.5
(11,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	2	3.5
(11,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	2	3.5
(9,1749)	1:39:A:VAL:HB	1:139:A:LEU:HA	17	3.5
(9,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	2	3.5
(9,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	2	3.5
(9,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	2	3.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	2	3.5
(6,922)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	14	3.5
(6,922)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	14	3.5
(6,922)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	14	3.5
(6,922)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	14	3.5
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD11	1	3.5
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD12	1	3.5
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD13	1	3.5
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD21	1	3.5
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD22	1	3.5
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD23	1	3.5
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD2	14	3.5
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD3	14	3.5
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD2	14	3.5
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD3	14	3.5
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD2	14	3.5
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD3	14	3.5
(4,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	2	3.5
(4,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	2	3.5
(4,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	2	3.5
(4,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	2	3.5
(3,861)	1:43:A:MET:HE1	1:144:A:LEU:HB2	15	3.5
(3,861)	1:43:A:MET:HE2	1:144:A:LEU:HB2	15	3.5
(3,861)	1:43:A:MET:HE3	1:144:A:LEU:HB2	15	3.5
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG21	4	3.5
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG22	4	3.5
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG23	4	3.5
(1,1876)	1:18:A:PHE:HD1	1:113:A:PHE:HE1	12	3.5
(1,1876)	1:18:A:PHE:HD1	1:113:A:PHE:HE2	12	3.5
(1,1876)	1:18:A:PHE:HD2	1:113:A:PHE:HE1	12	3.5
(1,1876)	1:18:A:PHE:HD2	1:113:A:PHE:HE2	12	3.5
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	4	3.49
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	4	3.49
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	4	3.49
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	4	3.49
(33,1620)	1:31:A:PRO:HG2	1:80:A:TYR:HB3	7	3.49
(33,1620)	1:31:A:PRO:HG3	1:80:A:TYR:HB3	7	3.49
(33,1616)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	18	3.49
(33,1616)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	18	3.49
(32,2035)	1:30:A:LEU:HD11	1:143:A:TRP:HH2	11	3.49
(32,2035)	1:30:A:LEU:HD12	1:143:A:TRP:HH2	11	3.49
(32,2035)	1:30:A:LEU:HD13	1:143:A:TRP:HH2	11	3.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2035)	1:30:A:LEU:HD21	1:143:A:TRP:HH2	11	3.49
(32,2035)	1:30:A:LEU:HD22	1:143:A:TRP:HH2	11	3.49
(32,2035)	1:30:A:LEU:HD23	1:143:A:TRP:HH2	11	3.49
(32,694)	1:44:A:GLU:HG2	1:48:A:ARG:HE	7	3.49
(32,694)	1:44:A:GLU:HG3	1:48:A:ARG:HE	7	3.49
(30,1099)	1:18:A:PHE:HA	1:113:A:PHE:HZ	17	3.49
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB2	6	3.49
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB2	6	3.49
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB2	6	3.49
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB3	6	3.49
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB3	6	3.49
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB3	6	3.49
(18,726)	1:44:A:GLU:HG2	1:48:A:ARG:HE	7	3.49
(18,726)	1:44:A:GLU:HG3	1:48:A:ARG:HE	7	3.49
(17,1772)	1:39:A:VAL:HB	1:139:A:LEU:HA	5	3.49
(16,1834)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	7	3.49
(16,1834)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	7	3.49
(16,1834)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	7	3.49
(16,1834)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	7	3.49
(16,1613)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	18	3.49
(16,1613)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	18	3.49
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE1	12	3.49
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE2	12	3.49
(11,1657)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	18	3.49
(11,1657)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	18	3.49
(11,843)	1:43:A:MET:HE1	1:144:A:LEU:HB2	6	3.49
(11,843)	1:43:A:MET:HE2	1:144:A:LEU:HB2	6	3.49
(11,843)	1:43:A:MET:HE3	1:144:A:LEU:HB2	6	3.49
(11,843)	1:43:A:MET:HE1	1:144:A:LEU:HB3	6	3.49
(11,843)	1:43:A:MET:HE2	1:144:A:LEU:HB3	6	3.49
(11,843)	1:43:A:MET:HE3	1:144:A:LEU:HB3	6	3.49
(9,1749)	1:39:A:VAL:HB	1:139:A:LEU:HA	3	3.49
(7,1688)	1:20:A:THR:HG21	1:134:A:VAL:HB	9	3.49
(7,1688)	1:20:A:THR:HG22	1:134:A:VAL:HB	9	3.49
(7,1688)	1:20:A:THR:HG23	1:134:A:VAL:HB	9	3.49
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB1	7	3.49
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB2	7	3.49
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB3	7	3.49
(3,1656)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	18	3.49
(3,1656)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	18	3.49
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG11	11	3.49
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG12	11	3.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG13	11	3.49
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG21	11	3.49
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG22	11	3.49
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG23	11	3.49
(1,1709)	1:43:A:MET:HE1	1:131:A:LEU:HA	18	3.49
(1,1709)	1:43:A:MET:HE2	1:131:A:LEU:HA	18	3.49
(1,1709)	1:43:A:MET:HE3	1:131:A:LEU:HA	18	3.49
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	4	3.48
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	4	3.48
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	4	3.48
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	4	3.48
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	4	3.48
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	4	3.48
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	4	3.48
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	4	3.48
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	4	3.48
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	4	3.48
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	4	3.48
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	4	3.48
(32,1084)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	12	3.48
(32,1084)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	12	3.48
(30,686)	1:39:A:VAL:HB	1:144:A:LEU:H	2	3.48
(29,2035)	1:17:A:ASN:HB2	1:76:A:ARG:HA	17	3.48
(29,2035)	1:17:A:ASN:HB3	1:76:A:ARG:HA	17	3.48
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG11	13	3.48
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG12	13	3.48
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG13	13	3.48
(18,153)	1:67:A:PRO:HD3	1:95:A:ILE:H	12	3.48
(17,2027)	1:17:A:ASN:HB2	1:76:A:ARG:HA	17	3.48
(17,2027)	1:17:A:ASN:HB3	1:76:A:ARG:HA	17	3.48
(16,2060)	1:30:A:LEU:HD11	1:79:A:THR:HB	10	3.48
(16,2060)	1:30:A:LEU:HD12	1:79:A:THR:HB	10	3.48
(16,2060)	1:30:A:LEU:HD13	1:79:A:THR:HB	10	3.48
(16,2060)	1:30:A:LEU:HD21	1:79:A:THR:HB	10	3.48
(16,2060)	1:30:A:LEU:HD22	1:79:A:THR:HB	10	3.48
(16,2060)	1:30:A:LEU:HD23	1:79:A:THR:HB	10	3.48
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE1	16	3.48
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE2	16	3.48
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE3	16	3.48
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE1	16	3.48
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE2	16	3.48
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE3	16	3.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1239)	1:34:A:LYS:H	1:81:A:GLU:HA	19	3.48
(6,2025)	1:17:A:ASN:HB2	1:76:A:ARG:HA	17	3.48
(6,2025)	1:17:A:ASN:HB3	1:76:A:ARG:HA	17	3.48
(3,2042)	1:17:A:ASN:HB2	1:76:A:ARG:HA	17	3.48
(3,2042)	1:17:A:ASN:HB3	1:76:A:ARG:HA	17	3.48
(3,152)	1:67:A:PRO:HD3	1:95:A:ILE:H	12	3.48
(2,2078)	1:31:A:PRO:HD2	1:144:A:LEU:HA	3	3.48
(2,2078)	1:31:A:PRO:HD3	1:144:A:LEU:HA	3	3.48
(2,684)	1:39:A:VAL:HB	1:144:A:LEU:H	2	3.48
(32,2044)	1:34:A:LYS:H	1:81:A:GLU:HB2	14	3.47
(32,2044)	1:34:A:LYS:H	1:81:A:GLU:HB3	14	3.47
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	6	3.47
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	6	3.47
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	6	3.47
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	6	3.47
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	6	3.47
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	6	3.47
(19,5)	1:123:A:CYS:SG	1:127:A:CYS:CB	6	3.47
(19,5)	1:123:A:CYS:SG	1:127:A:CYS:CB	16	3.47
(18,2054)	1:30:A:LEU:HD11	1:136:A:CYS:HA	1	3.47
(18,2054)	1:30:A:LEU:HD12	1:136:A:CYS:HA	1	3.47
(18,2054)	1:30:A:LEU:HD13	1:136:A:CYS:HA	1	3.47
(18,2054)	1:30:A:LEU:HD21	1:136:A:CYS:HA	1	3.47
(18,2054)	1:30:A:LEU:HD22	1:136:A:CYS:HA	1	3.47
(18,2054)	1:30:A:LEU:HD23	1:136:A:CYS:HA	1	3.47
(15,2038)	1:34:A:LYS:H	1:81:A:GLU:HB2	14	3.47
(15,2038)	1:34:A:LYS:H	1:81:A:GLU:HB3	14	3.47
(15,2019)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	10	3.47
(15,2019)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	10	3.47
(15,2019)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	10	3.47
(15,2019)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	10	3.47
(15,2019)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	10	3.47
(15,2019)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	10	3.47
(15,2019)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	10	3.47
(15,2019)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	10	3.47
(15,2019)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	10	3.47
(15,2019)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	10	3.47
(15,2019)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	10	3.47
(15,2019)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	10	3.47
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG21	8	3.47
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG22	8	3.47
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG23	8	3.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,62)	1:32:A:GLY:HA2	1:81:A:GLU:H	4	3.47
(4,2049)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	10	3.47
(4,2049)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	10	3.47
(4,2049)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	10	3.47
(4,2049)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	10	3.47
(4,2049)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	10	3.47
(4,2049)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	10	3.47
(4,2049)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	10	3.47
(4,2049)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	10	3.47
(4,2049)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	10	3.47
(4,2049)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	10	3.47
(4,2049)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	10	3.47
(4,2049)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	10	3.47
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB1	12	3.47
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB2	12	3.47
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB3	12	3.47
(2,2062)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	10	3.47
(2,2062)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	10	3.47
(2,2062)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	10	3.47
(2,2062)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	10	3.47
(2,2062)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	10	3.47
(2,2062)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	10	3.47
(2,2062)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	10	3.47
(2,2062)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	10	3.47
(2,2062)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	10	3.47
(2,2062)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	10	3.47
(2,2062)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	10	3.47
(2,2062)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	10	3.47
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	4	3.47
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	4	3.47
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	4	3.47
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	4	3.47
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	4	3.47
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	4	3.47
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	4	3.47
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	4	3.47
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	4	3.47
(1,2056)	1:31:A:PRO:HD2	1:143:A:TRP:HA	12	3.47
(1,2056)	1:31:A:PRO:HD3	1:143:A:TRP:HA	12	3.47
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG11	3	3.47
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG12	3	3.47
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG13	3	3.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG21	3	3.47
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG22	3	3.47
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG23	3	3.47
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG11	3	3.47
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG12	3	3.47
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG13	3	3.47
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG21	3	3.47
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG22	3	3.47
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG23	3	3.47
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG11	3	3.47
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG12	3	3.47
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG13	3	3.47
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG21	3	3.47
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG22	3	3.47
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG23	3	3.47
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	19	3.46
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	19	3.46
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	19	3.46
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	19	3.46
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	19	3.46
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	19	3.46
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	19	3.46
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	19	3.46
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	19	3.46
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	19	3.46
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	19	3.46
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	19	3.46
(33,1729)	1:19:A:ALA:H	1:132:A:ALA:HA	13	3.46
(32,2035)	1:30:A:LEU:HD11	1:143:A:TRP:HH2	4	3.46
(32,2035)	1:30:A:LEU:HD12	1:143:A:TRP:HH2	4	3.46
(32,2035)	1:30:A:LEU:HD13	1:143:A:TRP:HH2	4	3.46
(32,2035)	1:30:A:LEU:HD21	1:143:A:TRP:HH2	4	3.46
(32,2035)	1:30:A:LEU:HD22	1:143:A:TRP:HH2	4	3.46
(32,2035)	1:30:A:LEU:HD23	1:143:A:TRP:HH2	4	3.46
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	11	3.46
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	11	3.46
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	11	3.46
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	11	3.46
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	11	3.46
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	11	3.46
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	11	3.46
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	11	3.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	11	3.46
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG21	18	3.46
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG22	18	3.46
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG23	18	3.46
(7,1690)	1:21:A:THR:HG21	1:147:A:ARG:HE	5	3.46
(7,1690)	1:21:A:THR:HG22	1:147:A:ARG:HE	5	3.46
(7,1690)	1:21:A:THR:HG23	1:147:A:ARG:HE	5	3.46
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	11	3.46
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	11	3.46
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	11	3.46
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	11	3.46
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	11	3.46
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	11	3.46
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	11	3.46
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	11	3.46
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	11	3.46
(1,913)	1:66:A:THR:HG21	1:95:A:ILE:HB	2	3.46
(1,913)	1:66:A:THR:HG22	1:95:A:ILE:HB	2	3.46
(1,913)	1:66:A:THR:HG23	1:95:A:ILE:HB	2	3.46
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD21	18	3.45
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD22	18	3.45
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD23	18	3.45
(34,572)	1:10:A:ASN:HD21	1:11:A:ILE:HB	9	3.45
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD11	7	3.45
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD12	7	3.45
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD13	7	3.45
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD1	14	3.45
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD2	14	3.45
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD1	14	3.45
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD2	14	3.45
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	12	3.45
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	12	3.45
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	12	3.45
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	12	3.45
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	12	3.45
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	12	3.45
(20,9)	1:56:A:CYS:SG	1:127:A:CYS:SG	4	3.45
(18,908)	1:67:A:PRO:HD3	1:95:A:ILE:HB	11	3.45
(17,1772)	1:39:A:VAL:HB	1:139:A:LEU:HA	12	3.45
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	12	3.45
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	12	3.45
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	12	3.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	12	3.45
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	12	3.45
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	12	3.45
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	12	3.45
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	12	3.45
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	12	3.45
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	12	3.45
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	12	3.45
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	12	3.45
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD21	18	3.45
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD22	18	3.45
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD23	18	3.45
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE1	1	3.45
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE2	1	3.45
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE3	1	3.45
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE1	1	3.45
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE2	1	3.45
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE3	1	3.45
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	12	3.45
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	12	3.45
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	12	3.45
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	12	3.45
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	12	3.45
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	12	3.45
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	12	3.45
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	12	3.45
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	12	3.45
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	12	3.45
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	12	3.45
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	12	3.45
(4,1930)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	18	3.45
(4,1930)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	18	3.45
(4,1930)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	18	3.45
(4,1930)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	18	3.45
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	12	3.45
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	12	3.45
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	12	3.45
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	12	3.45
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	12	3.45
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	12	3.45
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	12	3.45
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	12	3.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	12	3.45
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	12	3.45
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	12	3.45
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	12	3.45
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG11	6	3.45
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG12	6	3.45
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG13	6	3.45
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG21	6	3.45
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG22	6	3.45
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG23	6	3.45
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	12	3.45
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	12	3.45
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	12	3.45
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	12	3.45
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	12	3.45
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	12	3.45
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	12	3.45
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	12	3.45
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	12	3.45
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE1	1	3.45
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE2	1	3.45
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE3	1	3.45
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE1	1	3.45
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE2	1	3.45
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE3	1	3.45
(34,1655)	1:31:A:PRO:HD3	1:140:A:LEU:HA	14	3.44
(34,60)	1:34:A:LYS:H	1:81:A:GLU:H	14	3.44
(33,701)	1:144:A:LEU:HD11	1:147:A:ARG:HE	13	3.44
(33,701)	1:144:A:LEU:HD12	1:147:A:ARG:HE	13	3.44
(33,701)	1:144:A:LEU:HD13	1:147:A:ARG:HE	13	3.44
(33,558)	1:10:A:ASN:HD21	1:14:A:VAL:HB	9	3.44
(32,2034)	1:30:A:LEU:HD11	1:143:A:TRP:HZ3	4	3.44
(32,2034)	1:30:A:LEU:HD12	1:143:A:TRP:HZ3	4	3.44
(32,2034)	1:30:A:LEU:HD13	1:143:A:TRP:HZ3	4	3.44
(32,2034)	1:30:A:LEU:HD21	1:143:A:TRP:HZ3	4	3.44
(32,2034)	1:30:A:LEU:HD22	1:143:A:TRP:HZ3	4	3.44
(32,2034)	1:30:A:LEU:HD23	1:143:A:TRP:HZ3	4	3.44
(32,57)	1:34:A:LYS:H	1:81:A:GLU:H	14	3.44
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD21	16	3.44
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD22	16	3.44
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD23	16	3.44
(30,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	15	3.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	15	3.44
(30,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	15	3.44
(30,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	15	3.44
(30,482)	1:145:A:PRO:HB2	1:148:A:CYS:H	15	3.44
(19,21)	1:56:A:CYS:SG	1:59:A:CYS:CB	19	3.44
(18,1629)	1:31:A:PRO:HD3	1:140:A:LEU:HA	14	3.44
(17,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	13	3.44
(17,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	13	3.44
(17,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	13	3.44
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD11	18	3.44
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD12	18	3.44
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD13	18	3.44
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD21	18	3.44
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD22	18	3.44
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD23	18	3.44
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG21	5	3.44
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG22	5	3.44
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG23	5	3.44
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG21	5	3.44
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG22	5	3.44
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG23	5	3.44
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD11	6	3.44
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD12	6	3.44
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD13	6	3.44
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD11	6	3.44
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD12	6	3.44
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD13	6	3.44
(16,566)	1:10:A:ASN:HD21	1:14:A:VAL:HB	9	3.44
(16,59)	1:34:A:LYS:H	1:81:A:GLU:H	14	3.44
(13,555)	1:10:A:ASN:HD21	1:14:A:VAL:HB	9	3.44
(13,85)	1:30:A:LEU:H	1:144:A:LEU:HA	7	3.44
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD21	15	3.44
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD22	15	3.44
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD23	15	3.44
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD21	15	3.44
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD22	15	3.44
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD23	15	3.44
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD21	15	3.44
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD22	15	3.44
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD23	15	3.44
(9,696)	1:144:A:LEU:HD11	1:147:A:ARG:HE	13	3.44
(9,696)	1:144:A:LEU:HD12	1:147:A:ARG:HE	13	3.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,696)	1:144:A:LEU:HD13	1:147:A:ARG:HE	13	3.44
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG21	5	3.44
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG22	5	3.44
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG23	5	3.44
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG21	5	3.44
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG22	5	3.44
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG23	5	3.44
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG21	5	3.44
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG22	5	3.44
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG23	5	3.44
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG11	5	3.44
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG12	5	3.44
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG13	5	3.44
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG11	5	3.44
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG12	5	3.44
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG13	5	3.44
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG11	5	3.44
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG12	5	3.44
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG13	5	3.44
(7,560)	1:10:A:ASN:HD21	1:14:A:VAL:HB	9	3.44
(5,555)	1:10:A:ASN:HD21	1:14:A:VAL:HB	9	3.44
(3,1010)	1:35:A:LEU:HG	1:143:A:TRP:HB3	3	3.44
(3,63)	1:34:A:LYS:H	1:81:A:GLU:H	14	3.44
(1,2056)	1:31:A:PRO:HD2	1:143:A:TRP:HA	13	3.44
(1,2056)	1:31:A:PRO:HD3	1:143:A:TRP:HA	13	3.44
(1,564)	1:10:A:ASN:HD21	1:14:A:VAL:HB	9	3.44
(30,2063)	1:34:A:LYS:H	1:81:A:GLU:HB2	14	3.43
(30,2063)	1:34:A:LYS:H	1:81:A:GLU:HB3	14	3.43
(30,686)	1:39:A:VAL:HB	1:144:A:LEU:H	19	3.43
(19,21)	1:56:A:CYS:SG	1:59:A:CYS:CB	5	3.43
(19,21)	1:56:A:CYS:SG	1:59:A:CYS:CB	8	3.43
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD11	19	3.43
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD12	19	3.43
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD13	19	3.43
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD21	19	3.43
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD22	19	3.43
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD23	19	3.43
(7,1831)	1:18:A:PHE:HD1	1:113:A:PHE:HE1	17	3.43
(7,1831)	1:18:A:PHE:HD1	1:113:A:PHE:HE2	17	3.43
(7,1831)	1:18:A:PHE:HD2	1:113:A:PHE:HE1	17	3.43
(7,1831)	1:18:A:PHE:HD2	1:113:A:PHE:HE2	17	3.43
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD2	3	3.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD3	3	3.43
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD2	3	3.43
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD3	3	3.43
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD2	3	3.43
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD3	3	3.43
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD21	4	3.43
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD22	4	3.43
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD23	4	3.43
(6,2064)	1:34:A:LYS:H	1:81:A:GLU:HB2	14	3.43
(6,2064)	1:34:A:LYS:H	1:81:A:GLU:HB3	14	3.43
(5,2048)	1:34:A:LYS:H	1:81:A:GLU:HB2	14	3.43
(5,2048)	1:34:A:LYS:H	1:81:A:GLU:HB3	14	3.43
(3,2080)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	19	3.43
(3,2080)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	19	3.43
(3,2080)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	19	3.43
(3,2080)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	19	3.43
(3,2080)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	19	3.43
(3,2080)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	19	3.43
(3,1577)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	3	3.43
(3,1577)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	3	3.43
(3,1577)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	3	3.43
(3,1577)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	3	3.43
(3,1577)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	3	3.43
(3,1577)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	3	3.43
(3,1122)	1:31:A:PRO:HG2	1:143:A:TRP:HA	15	3.43
(3,1122)	1:31:A:PRO:HG3	1:143:A:TRP:HA	15	3.43
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	11	3.43
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	11	3.43
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	11	3.43
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	11	3.43
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	11	3.43
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	11	3.43
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	11	3.43
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	11	3.43
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	11	3.43
(2,684)	1:39:A:VAL:HB	1:144:A:LEU:H	19	3.43
(33,1618)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	15	3.42
(32,2033)	1:30:A:LEU:HD11	1:143:A:TRP:HE3	9	3.42
(32,2033)	1:30:A:LEU:HD12	1:143:A:TRP:HE3	9	3.42
(32,2033)	1:30:A:LEU:HD13	1:143:A:TRP:HE3	9	3.42
(32,2033)	1:30:A:LEU:HD21	1:143:A:TRP:HE3	9	3.42
(32,2033)	1:30:A:LEU:HD22	1:143:A:TRP:HE3	9	3.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2033)	1:30:A:LEU:HD23	1:143:A:TRP:HE3	9	3.42
(30,686)	1:39:A:VAL:HB	1:144:A:LEU:H	16	3.42
(17,1112)	1:31:A:PRO:HG2	1:143:A:TRP:HA	15	3.42
(17,1112)	1:31:A:PRO:HG3	1:143:A:TRP:HA	15	3.42
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD11	16	3.42
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD12	16	3.42
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD13	16	3.42
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD21	16	3.42
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD22	16	3.42
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD23	16	3.42
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD11	19	3.42
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD12	19	3.42
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD13	19	3.42
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD21	19	3.42
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD22	19	3.42
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD23	19	3.42
(16,1615)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	15	3.42
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG11	11	3.42
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG12	11	3.42
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG13	11	3.42
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG21	11	3.42
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG22	11	3.42
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG23	11	3.42
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD2	13	3.42
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD3	13	3.42
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD2	13	3.42
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD3	13	3.42
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD2	13	3.42
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD3	13	3.42
(7,1004)	1:34:A:LYS:H	1:81:A:GLU:HB3	14	3.42
(5,748)	1:43:A:MET:HE1	1:147:A:ARG:HE	2	3.42
(5,748)	1:43:A:MET:HE2	1:147:A:ARG:HE	2	3.42
(5,748)	1:43:A:MET:HE3	1:147:A:ARG:HE	2	3.42
(2,684)	1:39:A:VAL:HB	1:144:A:LEU:H	16	3.42
(1,915)	1:67:A:PRO:HD3	1:95:A:ILE:HB	13	3.42
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB1	17	3.41
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB2	17	3.41
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB3	17	3.41
(29,1349)	1:17:A:ASN:HA	1:76:A:ARG:HA	12	3.41
(18,1682)	1:43:A:MET:HE1	1:131:A:LEU:HA	7	3.41
(18,1682)	1:43:A:MET:HE2	1:131:A:LEU:HA	7	3.41
(18,1682)	1:43:A:MET:HE3	1:131:A:LEU:HA	7	3.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,153)	1:67:A:PRO:HD3	1:95:A:ILE:H	7	3.41
(16,2060)	1:30:A:LEU:HD11	1:79:A:THR:HB	3	3.41
(16,2060)	1:30:A:LEU:HD12	1:79:A:THR:HB	3	3.41
(16,2060)	1:30:A:LEU:HD13	1:79:A:THR:HB	3	3.41
(16,2060)	1:30:A:LEU:HD21	1:79:A:THR:HB	3	3.41
(16,2060)	1:30:A:LEU:HD22	1:79:A:THR:HB	3	3.41
(16,2060)	1:30:A:LEU:HD23	1:79:A:THR:HB	3	3.41
(15,2493)	1:144:A:LEU:HD11	1:147:A:ARG:HA	12	3.41
(15,2493)	1:144:A:LEU:HD12	1:147:A:ARG:HA	12	3.41
(15,2493)	1:144:A:LEU:HD13	1:147:A:ARG:HA	12	3.41
(15,2493)	1:144:A:LEU:HD21	1:147:A:ARG:HA	12	3.41
(15,2493)	1:144:A:LEU:HD22	1:147:A:ARG:HA	12	3.41
(15,2493)	1:144:A:LEU:HD23	1:147:A:ARG:HA	12	3.41
(15,2493)	1:144:A:LEU:HD11	1:147:A:ARG:HA	19	3.41
(15,2493)	1:144:A:LEU:HD12	1:147:A:ARG:HA	19	3.41
(15,2493)	1:144:A:LEU:HD13	1:147:A:ARG:HA	19	3.41
(15,2493)	1:144:A:LEU:HD21	1:147:A:ARG:HA	19	3.41
(15,2493)	1:144:A:LEU:HD22	1:147:A:ARG:HA	19	3.41
(15,2493)	1:144:A:LEU:HD23	1:147:A:ARG:HA	19	3.41
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE1	1	3.41
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE2	1	3.41
(9,2023)	1:23:A:LEU:HD11	1:147:A:ARG:H	17	3.41
(9,2023)	1:23:A:LEU:HD12	1:147:A:ARG:H	17	3.41
(9,2023)	1:23:A:LEU:HD13	1:147:A:ARG:H	17	3.41
(9,2023)	1:23:A:LEU:HD21	1:147:A:ARG:H	17	3.41
(9,2023)	1:23:A:LEU:HD22	1:147:A:ARG:H	17	3.41
(9,2023)	1:23:A:LEU:HD23	1:147:A:ARG:H	17	3.41
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB1	17	3.41
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB2	17	3.41
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB3	17	3.41
(7,954)	1:11:A:ILE:HG12	1:14:A:VAL:HB	14	3.41
(5,2470)	1:144:A:LEU:HD11	1:147:A:ARG:HA	12	3.41
(5,2470)	1:144:A:LEU:HD12	1:147:A:ARG:HA	12	3.41
(5,2470)	1:144:A:LEU:HD13	1:147:A:ARG:HA	12	3.41
(5,2470)	1:144:A:LEU:HD21	1:147:A:ARG:HA	12	3.41
(5,2470)	1:144:A:LEU:HD22	1:147:A:ARG:HA	12	3.41
(5,2470)	1:144:A:LEU:HD23	1:147:A:ARG:HA	12	3.41
(5,2470)	1:144:A:LEU:HD11	1:147:A:ARG:HA	19	3.41
(5,2470)	1:144:A:LEU:HD12	1:147:A:ARG:HA	19	3.41
(5,2470)	1:144:A:LEU:HD13	1:147:A:ARG:HA	19	3.41
(5,2470)	1:144:A:LEU:HD21	1:147:A:ARG:HA	19	3.41
(5,2470)	1:144:A:LEU:HD22	1:147:A:ARG:HA	19	3.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2470)	1:144:A:LEU:HD23	1:147:A:ARG:HA	19	3.41
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB1	5	3.41
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB2	5	3.41
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB3	5	3.41
(3,152)	1:67:A:PRO:HD3	1:95:A:ILE:H	7	3.41
(1,1449)	1:31:A:PRO:HD3	1:143:A:TRP:HA	19	3.41
(33,677)	1:20:A:THR:H	1:133:A:ASN:H	15	3.4
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG11	13	3.4
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG12	13	3.4
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG13	13	3.4
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD21	15	3.4
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD22	15	3.4
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD23	15	3.4
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD21	15	3.4
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD22	15	3.4
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD23	15	3.4
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD21	15	3.4
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD22	15	3.4
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD23	15	3.4
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	12	3.4
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	12	3.4
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	12	3.4
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	4	3.4
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	4	3.4
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	4	3.4
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	4	3.4
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	4	3.4
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	4	3.4
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	4	3.4
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	4	3.4
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	4	3.4
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	4	3.4
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	4	3.4
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	4	3.4
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	7	3.4
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	7	3.4
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	7	3.4
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	7	3.4
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	7	3.4
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	7	3.4
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	7	3.4
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	7	3.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	7	3.4
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	7	3.4
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	7	3.4
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	7	3.4
(16,1716)	1:21:A:THR:HG21	1:147:A:ARG:HE	4	3.4
(16,1716)	1:21:A:THR:HG22	1:147:A:ARG:HE	4	3.4
(16,1716)	1:21:A:THR:HG23	1:147:A:ARG:HE	4	3.4
(11,2076)	1:34:A:LYS:H	1:81:A:GLU:HB2	14	3.4
(11,2076)	1:34:A:LYS:H	1:81:A:GLU:HB3	14	3.4
(32,2021)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	10	3.39
(32,2021)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	10	3.39
(32,2021)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	10	3.39
(32,2021)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	10	3.39
(32,2021)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	10	3.39
(32,2021)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	10	3.39
(32,2021)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	10	3.39
(32,2021)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	10	3.39
(32,2021)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	10	3.39
(32,2021)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	10	3.39
(32,2021)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	10	3.39
(32,2021)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	10	3.39
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	2	3.39
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	2	3.39
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	2	3.39
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	2	3.39
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	2	3.39
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	2	3.39
(32,839)	1:30:A:LEU:HB2	1:143:A:TRP:HZ3	17	3.39
(32,839)	1:30:A:LEU:HB3	1:143:A:TRP:HZ3	17	3.39
(18,1373)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	7	3.39
(18,1373)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	7	3.39
(18,1373)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	7	3.39
(18,1373)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	7	3.39
(18,1373)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	7	3.39
(18,1373)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	7	3.39
(17,1772)	1:39:A:VAL:HB	1:139:A:LEU:HA	8	3.39
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD11	7	3.39
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD12	7	3.39
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD13	7	3.39
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD21	7	3.39
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD22	7	3.39
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD23	7	3.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1013)	1:35:A:LEU:HG	1:143:A:TRP:HB3	3	3.39
(15,2493)	1:144:A:LEU:HD11	1:147:A:ARG:HA	13	3.39
(15,2493)	1:144:A:LEU:HD12	1:147:A:ARG:HA	13	3.39
(15,2493)	1:144:A:LEU:HD13	1:147:A:ARG:HA	13	3.39
(15,2493)	1:144:A:LEU:HD21	1:147:A:ARG:HA	13	3.39
(15,2493)	1:144:A:LEU:HD22	1:147:A:ARG:HA	13	3.39
(15,2493)	1:144:A:LEU:HD23	1:147:A:ARG:HA	13	3.39
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG2	8	3.39
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG3	8	3.39
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG2	8	3.39
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG3	8	3.39
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG2	8	3.39
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG3	8	3.39
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG11	15	3.39
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG12	15	3.39
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG13	15	3.39
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG21	15	3.39
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG22	15	3.39
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG23	15	3.39
(6,956)	1:11:A:ILE:HG13	1:14:A:VAL:HB	4	3.39
(5,2470)	1:144:A:LEU:HD11	1:147:A:ARG:HA	13	3.39
(5,2470)	1:144:A:LEU:HD12	1:147:A:ARG:HA	13	3.39
(5,2470)	1:144:A:LEU:HD13	1:147:A:ARG:HA	13	3.39
(5,2470)	1:144:A:LEU:HD21	1:147:A:ARG:HA	13	3.39
(5,2470)	1:144:A:LEU:HD22	1:147:A:ARG:HA	13	3.39
(5,2470)	1:144:A:LEU:HD23	1:147:A:ARG:HA	13	3.39
(5,1727)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	4	3.39
(5,1727)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	4	3.39
(5,1727)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	4	3.39
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD21	16	3.39
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD22	16	3.39
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD23	16	3.39
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD11	19	3.39
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD12	19	3.39
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD13	19	3.39
(1,881)	1:8:A:ASP:HB2	1:54:A:ARG:HE	2	3.39
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD11	17	3.38
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD12	17	3.38
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD13	17	3.38
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	7	3.38
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	7	3.38
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	7	3.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	7	3.38
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	7	3.38
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	7	3.38
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	7	3.38
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	7	3.38
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	7	3.38
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	7	3.38
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	7	3.38
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	7	3.38
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	14	3.38
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	14	3.38
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	14	3.38
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	14	3.38
(32,1914)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	10	3.38
(32,1914)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	10	3.38
(32,1914)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	10	3.38
(32,1914)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	10	3.38
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD21	16	3.38
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD22	16	3.38
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD23	16	3.38
(19,17)	1:56:A:CYS:SG	1:120:A:CYS:CB	7	3.38
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG11	8	3.38
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG12	8	3.38
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG13	8	3.38
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD21	16	3.38
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD22	16	3.38
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD23	16	3.38
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	6	3.38
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	6	3.38
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	6	3.38
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG12	13	3.38
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG13	13	3.38
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG21	2	3.38
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG22	2	3.38
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG23	2	3.38
(6,1959)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	10	3.38
(6,1959)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	10	3.38
(6,1959)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	10	3.38
(6,1959)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	10	3.38
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG11	8	3.38
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG12	8	3.38
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG13	8	3.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,994)	1:35:A:LEU:HG	1:143:A:TRP:HB3	3	3.38
(4,1930)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	11	3.38
(4,1930)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	11	3.38
(4,1930)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	11	3.38
(4,1930)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	11	3.38
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG11	8	3.38
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG12	8	3.38
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG13	8	3.38
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD21	16	3.38
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD22	16	3.38
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD23	16	3.38
(34,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	10	3.37
(34,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	10	3.37
(34,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	10	3.37
(18,1603)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	10	3.37
(18,1603)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	10	3.37
(18,1603)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	10	3.37
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD2	14	3.37
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD3	14	3.37
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD2	14	3.37
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD3	14	3.37
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD2	14	3.37
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD3	14	3.37
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD11	9	3.37
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD12	9	3.37
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD13	9	3.37
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD21	9	3.37
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD22	9	3.37
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD23	9	3.37
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE1	15	3.37
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE2	15	3.37
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE3	15	3.37
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE1	15	3.37
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE2	15	3.37
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE3	15	3.37
(13,1587)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	10	3.37
(13,1587)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	10	3.37
(13,1587)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	10	3.37
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD11	2	3.37
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD12	2	3.37
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD13	2	3.37
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD11	2	3.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD12	2	3.37
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD13	2	3.37
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD11	2	3.37
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD12	2	3.37
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD13	2	3.37
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG11	10	3.37
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG12	10	3.37
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG13	10	3.37
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG21	10	3.37
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG22	10	3.37
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG23	10	3.37
(6,1696)	1:43:A:MET:HE1	1:135:A:GLN:H	7	3.37
(6,1696)	1:43:A:MET:HE2	1:135:A:GLN:H	7	3.37
(6,1696)	1:43:A:MET:HE3	1:135:A:GLN:H	7	3.37
(4,1839)	1:18:A:PHE:HA	1:113:A:PHE:HE1	12	3.37
(4,1839)	1:18:A:PHE:HA	1:113:A:PHE:HE2	12	3.37
(4,1675)	1:43:A:MET:HE1	1:135:A:GLN:H	7	3.37
(4,1675)	1:43:A:MET:HE2	1:135:A:GLN:H	7	3.37
(4,1675)	1:43:A:MET:HE3	1:135:A:GLN:H	7	3.37
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	16	3.37
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	16	3.37
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG11	10	3.37
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG12	10	3.37
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG13	10	3.37
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG21	10	3.37
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG22	10	3.37
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG23	10	3.37
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG11	10	3.37
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG12	10	3.37
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG13	10	3.37
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG21	10	3.37
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG22	10	3.37
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG23	10	3.37
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG11	10	3.37
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG12	10	3.37
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG13	10	3.37
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG21	10	3.37
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG22	10	3.37
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG23	10	3.37
(1,1114)	1:31:A:PRO:HG2	1:143:A:TRP:HA	15	3.37
(1,1114)	1:31:A:PRO:HG3	1:143:A:TRP:HA	15	3.37
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG11	11	3.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG12	11	3.36
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG13	11	3.36
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG21	11	3.36
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG22	11	3.36
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG23	11	3.36
(34,1161)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	3	3.36
(34,1161)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	3	3.36
(34,1161)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	3	3.36
(34,1161)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	3	3.36
(34,1161)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	3	3.36
(34,1161)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	3	3.36
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG21	6	3.36
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG22	6	3.36
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG23	6	3.36
(33,1540)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	3	3.36
(33,1540)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	3	3.36
(33,1540)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	3	3.36
(33,1540)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	3	3.36
(33,1540)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	3	3.36
(33,1540)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	3	3.36
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG21	6	3.36
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG22	6	3.36
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG23	6	3.36
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD11	17	3.36
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD12	17	3.36
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD13	17	3.36
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD21	17	3.36
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD22	17	3.36
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD23	17	3.36
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	4	3.36
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	4	3.36
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	4	3.36
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	4	3.36
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	4	3.36
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	4	3.36
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	4	3.36
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	4	3.36
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	4	3.36
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	4	3.36
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	4	3.36
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	4	3.36
(18,1539)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	3	3.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1539)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	3	3.36
(18,1539)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	3	3.36
(18,1539)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	3	3.36
(18,1539)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	3	3.36
(18,1539)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	3	3.36
(17,1129)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	13	3.36
(17,1129)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	13	3.36
(16,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	13	3.36
(16,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	13	3.36
(16,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	13	3.36
(16,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	13	3.36
(16,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	13	3.36
(16,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	13	3.36
(16,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	13	3.36
(16,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	13	3.36
(16,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	13	3.36
(16,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	13	3.36
(16,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	13	3.36
(16,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	13	3.36
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	16	3.36
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	16	3.36
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	16	3.36
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	16	3.36
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG21	11	3.36
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG22	11	3.36
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG23	11	3.36
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG21	11	3.36
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG22	11	3.36
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG23	11	3.36
(13,1846)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	15	3.36
(13,1846)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	15	3.36
(13,1109)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	3	3.36
(13,1109)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	3	3.36
(13,1109)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	3	3.36
(13,1109)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	3	3.36
(13,1109)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	3	3.36
(13,1109)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	3	3.36
(11,1145)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	3	3.36
(11,1145)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	3	3.36
(11,1145)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	3	3.36
(11,1145)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	3	3.36
(11,1145)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	3	3.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1145)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	3	3.36
(11,1001)	1:35:A:LEU:HG	1:143:A:TRP:HB3	3	3.36
(9,1855)	1:18:A:PHE:HA	1:113:A:PHE:HE1	17	3.36
(9,1855)	1:18:A:PHE:HA	1:113:A:PHE:HE2	17	3.36
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG11	5	3.36
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG12	5	3.36
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG13	5	3.36
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG21	5	3.36
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG22	5	3.36
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG23	5	3.36
(6,1121)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	3	3.36
(6,1121)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	3	3.36
(6,1121)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	3	3.36
(6,1121)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	3	3.36
(6,1121)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	3	3.36
(6,1121)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	3	3.36
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD11	17	3.36
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD12	17	3.36
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD13	17	3.36
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD21	17	3.36
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD22	17	3.36
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD23	17	3.36
(5,1562)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	3	3.36
(5,1562)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	3	3.36
(5,1562)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	3	3.36
(5,1562)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	3	3.36
(5,1562)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	3	3.36
(5,1562)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	3	3.36
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD11	2	3.36
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD12	2	3.36
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD13	2	3.36
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD11	2	3.36
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD12	2	3.36
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD13	2	3.36
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD11	2	3.36
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD12	2	3.36
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD13	2	3.36
(2,1110)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	13	3.36
(2,1110)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	13	3.36
(1,1563)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	3	3.36
(1,1563)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	3	3.36
(1,1563)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	3	3.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1563)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	3	3.36
(1,1563)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	3	3.36
(1,1563)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	3	3.36
(1,1158)	1:39:A:VAL:HB	1:139:A:LEU:HA	5	3.36
(34,1564)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	3	3.35
(34,1564)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	3	3.35
(34,1564)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	3	3.35
(34,1564)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	3	3.35
(34,1564)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	3	3.35
(34,1564)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	3	3.35
(34,572)	1:10:A:ASN:HD21	1:11:A:ILE:HB	19	3.35
(34,467)	1:18:A:PHE:H	1:113:A:PHE:HE1	12	3.35
(34,467)	1:18:A:PHE:H	1:113:A:PHE:HE2	12	3.35
(33,932)	1:34:A:LYS:H	1:81:A:GLU:HG2	14	3.35
(33,932)	1:34:A:LYS:H	1:81:A:GLU:HG3	14	3.35
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	14	3.35
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	14	3.35
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	14	3.35
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	14	3.35
(32,2033)	1:30:A:LEU:HD11	1:143:A:TRP:HE3	6	3.35
(32,2033)	1:30:A:LEU:HD12	1:143:A:TRP:HE3	6	3.35
(32,2033)	1:30:A:LEU:HD13	1:143:A:TRP:HE3	6	3.35
(32,2033)	1:30:A:LEU:HD21	1:143:A:TRP:HE3	6	3.35
(32,2033)	1:30:A:LEU:HD22	1:143:A:TRP:HE3	6	3.35
(32,2033)	1:30:A:LEU:HD23	1:143:A:TRP:HE3	6	3.35
(32,899)	1:34:A:LYS:H	1:81:A:GLU:HG2	14	3.35
(32,899)	1:34:A:LYS:H	1:81:A:GLU:HG3	14	3.35
(32,446)	1:18:A:PHE:H	1:113:A:PHE:HE1	12	3.35
(32,446)	1:18:A:PHE:H	1:113:A:PHE:HE2	12	3.35
(30,1546)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	3	3.35
(30,1546)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	3	3.35
(30,1546)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	3	3.35
(30,1546)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	3	3.35
(30,1546)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	3	3.35
(30,1546)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	3	3.35
(30,461)	1:18:A:PHE:H	1:113:A:PHE:HE1	12	3.35
(30,461)	1:18:A:PHE:H	1:113:A:PHE:HE2	12	3.35
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB1	15	3.35
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB2	15	3.35
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB3	15	3.35
(29,464)	1:18:A:PHE:H	1:113:A:PHE:HE1	12	3.35
(29,464)	1:18:A:PHE:H	1:113:A:PHE:HE2	12	3.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(19,5)	1:123:A:CYS:SG	1:127:A:CYS:CB	17	3.35
(18,933)	1:34:A:LYS:H	1:81:A:GLU:HG2	14	3.35
(18,933)	1:34:A:LYS:H	1:81:A:GLU:HG3	14	3.35
(17,454)	1:18:A:PHE:H	1:113:A:PHE:HE1	12	3.35
(17,454)	1:18:A:PHE:H	1:113:A:PHE:HE2	12	3.35
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE1	11	3.35
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE2	11	3.35
(15,924)	1:34:A:LYS:H	1:81:A:GLU:HG2	14	3.35
(15,924)	1:34:A:LYS:H	1:81:A:GLU:HG3	14	3.35
(13,1518)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	3	3.35
(13,1518)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	3	3.35
(13,1518)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	3	3.35
(13,1518)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	3	3.35
(13,1518)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	3	3.35
(13,1518)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	3	3.35
(11,1570)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	3	3.35
(11,1570)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	3	3.35
(11,1570)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	3	3.35
(11,1570)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	3	3.35
(11,1570)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	3	3.35
(11,1570)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	3	3.35
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB1	15	3.35
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB2	15	3.35
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB3	15	3.35
(7,460)	1:18:A:PHE:H	1:113:A:PHE:HE1	12	3.35
(7,460)	1:18:A:PHE:H	1:113:A:PHE:HE2	12	3.35
(6,1549)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	3	3.35
(6,1549)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	3	3.35
(6,1549)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	3	3.35
(6,1549)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	3	3.35
(6,1549)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	3	3.35
(6,1549)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	3	3.35
(6,917)	1:34:A:LYS:H	1:81:A:GLU:HG2	14	3.35
(6,917)	1:34:A:LYS:H	1:81:A:GLU:HG3	14	3.35
(6,455)	1:18:A:PHE:H	1:113:A:PHE:HE1	12	3.35
(6,455)	1:18:A:PHE:H	1:113:A:PHE:HE2	12	3.35
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE1	13	3.35
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE2	13	3.35
(4,1533)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	3	3.35
(4,1533)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	3	3.35
(4,1533)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	3	3.35
(4,1533)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	3	3.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1533)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	3	3.35
(4,1533)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	3	3.35
(4,451)	1:18:A:PHE:H	1:113:A:PHE:HE1	12	3.35
(4,451)	1:18:A:PHE:H	1:113:A:PHE:HE2	12	3.35
(3,462)	1:18:A:PHE:H	1:113:A:PHE:HE1	12	3.35
(3,462)	1:18:A:PHE:H	1:113:A:PHE:HE2	12	3.35
(2,1552)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	3	3.35
(2,1552)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	3	3.35
(2,1552)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	3	3.35
(2,1552)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	3	3.35
(2,1552)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	3	3.35
(2,1552)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	3	3.35
(1,948)	1:34:A:LYS:H	1:81:A:GLU:HG2	14	3.35
(1,948)	1:34:A:LYS:H	1:81:A:GLU:HG3	14	3.35
(1,461)	1:18:A:PHE:H	1:113:A:PHE:HE1	12	3.35
(1,461)	1:18:A:PHE:H	1:113:A:PHE:HE2	12	3.35
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE1	7	3.34
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE2	7	3.34
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE3	7	3.34
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE1	7	3.34
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE2	7	3.34
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE3	7	3.34
(30,1713)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	19	3.34
(30,1713)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	19	3.34
(30,1713)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	19	3.34
(30,1713)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	19	3.34
(30,1713)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	19	3.34
(30,1713)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	19	3.34
(18,2054)	1:30:A:LEU:HD11	1:136:A:CYS:HA	9	3.34
(18,2054)	1:30:A:LEU:HD12	1:136:A:CYS:HA	9	3.34
(18,2054)	1:30:A:LEU:HD13	1:136:A:CYS:HA	9	3.34
(18,2054)	1:30:A:LEU:HD21	1:136:A:CYS:HA	9	3.34
(18,2054)	1:30:A:LEU:HD22	1:136:A:CYS:HA	9	3.34
(18,2054)	1:30:A:LEU:HD23	1:136:A:CYS:HA	9	3.34
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD21	1	3.34
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD22	1	3.34
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD23	1	3.34
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD21	1	3.34
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD22	1	3.34
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD23	1	3.34
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD21	1	3.34
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD22	1	3.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD23	1	3.34
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG21	3	3.34
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG22	3	3.34
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG23	3	3.34
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB2	16	3.34
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB3	16	3.34
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB2	16	3.34
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB3	16	3.34
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB2	16	3.34
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB3	16	3.34
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	9	3.34
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	9	3.34
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	9	3.34
(7,835)	1:43:A:MET:HE1	1:131:A:LEU:HB3	13	3.34
(7,835)	1:43:A:MET:HE2	1:131:A:LEU:HB3	13	3.34
(7,835)	1:43:A:MET:HE3	1:131:A:LEU:HB3	13	3.34
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG11	7	3.34
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG12	7	3.34
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG13	7	3.34
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG21	7	3.34
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG22	7	3.34
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG23	7	3.34
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG11	7	3.34
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG12	7	3.34
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG13	7	3.34
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG21	7	3.34
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG22	7	3.34
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG23	7	3.34
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG11	7	3.34
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG12	7	3.34
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG13	7	3.34
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG21	7	3.34
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG22	7	3.34
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG23	7	3.34
(3,863)	1:43:A:MET:HE1	1:144:A:LEU:HB3	14	3.34
(3,863)	1:43:A:MET:HE2	1:144:A:LEU:HB3	14	3.34
(3,863)	1:43:A:MET:HE3	1:144:A:LEU:HB3	14	3.34
(2,1727)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	19	3.34
(2,1727)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	19	3.34
(2,1727)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	19	3.34
(2,1727)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	19	3.34
(2,1727)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	19	3.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1727)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	19	3.34
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	3	3.34
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	3	3.34
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	3	3.34
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	3	3.34
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	3	3.34
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	3	3.34
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	3	3.34
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	3	3.34
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	3	3.34
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG11	9	3.34
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG12	9	3.34
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG13	9	3.34
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG21	9	3.34
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG22	9	3.34
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG23	9	3.34
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG11	9	3.34
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG12	9	3.34
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG13	9	3.34
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG21	9	3.34
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG22	9	3.34
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG23	9	3.34
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG11	9	3.34
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG12	9	3.34
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG13	9	3.34
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG21	9	3.34
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG22	9	3.34
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG23	9	3.34
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG21	15	3.34
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG22	15	3.34
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG23	15	3.34
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD2	11	3.33
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD3	11	3.33
(32,1707)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	12	3.33
(32,1707)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	12	3.33
(20,6)	1:52:A:CYS:SG	1:56:A:CYS:SG	12	3.33
(19,21)	1:56:A:CYS:SG	1:59:A:CYS:CB	13	3.33
(18,908)	1:67:A:PRO:HD3	1:95:A:ILE:HB	1	3.33
(15,995)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	3	3.33
(15,995)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	3	3.33
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD2	11	3.33
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD3	11	3.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,750)	1:43:A:MET:HE1	1:134:A:VAL:H	13	3.33
(9,750)	1:43:A:MET:HE2	1:134:A:VAL:H	13	3.33
(9,750)	1:43:A:MET:HE3	1:134:A:VAL:H	13	3.33
(9,750)	1:43:A:MET:HE1	1:134:A:VAL:H	18	3.33
(9,750)	1:43:A:MET:HE2	1:134:A:VAL:H	18	3.33
(9,750)	1:43:A:MET:HE3	1:134:A:VAL:H	18	3.33
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD11	5	3.33
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD12	5	3.33
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD13	5	3.33
(6,1616)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	10	3.33
(6,1616)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	10	3.33
(6,1616)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	10	3.33
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	2	3.32
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	2	3.32
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	2	3.32
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	2	3.32
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	2	3.32
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	2	3.32
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	2	3.32
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	2	3.32
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	2	3.32
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	2	3.32
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	2	3.32
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	2	3.32
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	2	3.32
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	2	3.32
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	2	3.32
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	2	3.32
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	2	3.32
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	2	3.32
(33,1968)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	4	3.32
(33,1968)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	4	3.32
(33,1968)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	4	3.32
(33,1968)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	4	3.32
(33,1968)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	4	3.32
(33,1968)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	4	3.32
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG11	7	3.32
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG12	7	3.32
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG13	7	3.32
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG21	7	3.32
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG22	7	3.32
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG23	7	3.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG11	7	3.32
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG12	7	3.32
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG13	7	3.32
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG21	7	3.32
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG22	7	3.32
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG23	7	3.32
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG11	7	3.32
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG12	7	3.32
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG13	7	3.32
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG21	7	3.32
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG22	7	3.32
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG23	7	3.32
(17,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	12	3.32
(16,1963)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	4	3.32
(16,1963)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	4	3.32
(16,1963)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	4	3.32
(16,1963)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	4	3.32
(16,1963)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	4	3.32
(16,1963)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	4	3.32
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	9	3.32
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	9	3.32
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	9	3.32
(6,1982)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	4	3.32
(6,1982)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	4	3.32
(6,1982)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	4	3.32
(6,1982)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	4	3.32
(6,1982)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	4	3.32
(6,1982)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	4	3.32
(4,925)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	14	3.32
(4,925)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	14	3.32
(4,925)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	14	3.32
(4,925)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	14	3.32
(3,1004)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	3	3.32
(3,1004)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	3	3.32
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD21	3	3.32
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD22	3	3.32
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD23	3	3.32
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD21	3	3.32
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD22	3	3.32
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD23	3	3.32
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD21	3	3.32
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD22	3	3.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD23	3	3.32
(1,1158)	1:39:A:VAL:HB	1:139:A:LEU:HA	12	3.32
(1,1011)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	3	3.32
(1,1011)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	3	3.32
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB2	18	3.31
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB3	18	3.31
(32,2033)	1:30:A:LEU:HD11	1:143:A:TRP:HE3	18	3.31
(32,2033)	1:30:A:LEU:HD12	1:143:A:TRP:HE3	18	3.31
(32,2033)	1:30:A:LEU:HD13	1:143:A:TRP:HE3	18	3.31
(32,2033)	1:30:A:LEU:HD21	1:143:A:TRP:HE3	18	3.31
(32,2033)	1:30:A:LEU:HD22	1:143:A:TRP:HE3	18	3.31
(32,2033)	1:30:A:LEU:HD23	1:143:A:TRP:HE3	18	3.31
(30,989)	1:35:A:LEU:HG	1:143:A:TRP:HB3	3	3.31
(29,1031)	1:34:A:LYS:H	1:81:A:GLU:HB3	14	3.31
(19,1)	1:120:A:CYS:SG	1:56:A:CYS:CB	9	3.31
(18,908)	1:67:A:PRO:HD3	1:95:A:ILE:HB	17	3.31
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD11	14	3.31
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD12	14	3.31
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD13	14	3.31
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD11	14	3.31
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD12	14	3.31
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD13	14	3.31
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD11	14	3.31
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD12	14	3.31
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD13	14	3.31
(17,1023)	1:34:A:LYS:H	1:81:A:GLU:HB3	14	3.31
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	6	3.31
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	6	3.31
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	6	3.31
(11,1029)	1:34:A:LYS:H	1:81:A:GLU:HB3	14	3.31
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	2	3.31
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	2	3.31
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	2	3.31
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	2	3.31
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG21	16	3.31
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG22	16	3.31
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG23	16	3.31
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG21	16	3.31
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG22	16	3.31
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG23	16	3.31
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG21	16	3.31
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG22	16	3.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG23	16	3.31
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG11	16	3.31
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG12	16	3.31
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG13	16	3.31
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG11	16	3.31
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG12	16	3.31
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG13	16	3.31
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG11	16	3.31
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG12	16	3.31
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG13	16	3.31
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	10	3.31
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	10	3.31
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	10	3.31
(5,843)	1:43:A:MET:HE1	1:144:A:LEU:HB3	3	3.31
(5,843)	1:43:A:MET:HE2	1:144:A:LEU:HB3	3	3.31
(5,843)	1:43:A:MET:HE3	1:144:A:LEU:HB3	3	3.31
(5,843)	1:43:A:MET:HE1	1:144:A:LEU:HB2	3	3.31
(5,843)	1:43:A:MET:HE2	1:144:A:LEU:HB2	3	3.31
(5,843)	1:43:A:MET:HE3	1:144:A:LEU:HB2	3	3.31
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	2	3.31
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	2	3.31
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	2	3.31
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	2	3.31
(2,1462)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	11	3.31
(2,1462)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	11	3.31
(2,1462)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	11	3.31
(32,2034)	1:30:A:LEU:HD11	1:143:A:TRP:HZ3	9	3.3
(32,2034)	1:30:A:LEU:HD12	1:143:A:TRP:HZ3	9	3.3
(32,2034)	1:30:A:LEU:HD13	1:143:A:TRP:HZ3	9	3.3
(32,2034)	1:30:A:LEU:HD21	1:143:A:TRP:HZ3	9	3.3
(32,2034)	1:30:A:LEU:HD22	1:143:A:TRP:HZ3	9	3.3
(32,2034)	1:30:A:LEU:HD23	1:143:A:TRP:HZ3	9	3.3
(32,2034)	1:30:A:LEU:HD11	1:143:A:TRP:HZ3	11	3.3
(32,2034)	1:30:A:LEU:HD12	1:143:A:TRP:HZ3	11	3.3
(32,2034)	1:30:A:LEU:HD13	1:143:A:TRP:HZ3	11	3.3
(32,2034)	1:30:A:LEU:HD21	1:143:A:TRP:HZ3	11	3.3
(32,2034)	1:30:A:LEU:HD22	1:143:A:TRP:HZ3	11	3.3
(32,2034)	1:30:A:LEU:HD23	1:143:A:TRP:HZ3	11	3.3
(32,1709)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	14	3.3
(32,1709)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	14	3.3
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	7	3.3
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	7	3.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	7	3.3
(29,660)	1:96:A:VAL:HA	1:116:A:GLN:HE22	15	3.3
(19,14)	1:52:A:CYS:SG	1:123:A:CYS:CB	3	3.3
(18,667)	1:96:A:VAL:HA	1:116:A:GLN:HE22	15	3.3
(16,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	14	3.3
(16,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	14	3.3
(16,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	14	3.3
(16,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	14	3.3
(16,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	14	3.3
(16,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	14	3.3
(16,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	14	3.3
(16,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	14	3.3
(16,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	14	3.3
(16,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	14	3.3
(16,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	14	3.3
(16,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	14	3.3
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD11	5	3.3
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD12	5	3.3
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD13	5	3.3
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD21	5	3.3
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD22	5	3.3
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD23	5	3.3
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD21	8	3.3
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD22	8	3.3
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD23	8	3.3
(16,943)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	14	3.3
(16,943)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	14	3.3
(16,943)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	14	3.3
(16,943)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	14	3.3
(15,2493)	1:144:A:LEU:HD11	1:147:A:ARG:HA	6	3.3
(15,2493)	1:144:A:LEU:HD12	1:147:A:ARG:HA	6	3.3
(15,2493)	1:144:A:LEU:HD13	1:147:A:ARG:HA	6	3.3
(15,2493)	1:144:A:LEU:HD21	1:147:A:ARG:HA	6	3.3
(15,2493)	1:144:A:LEU:HD22	1:147:A:ARG:HA	6	3.3
(15,2493)	1:144:A:LEU:HD23	1:147:A:ARG:HA	6	3.3
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG21	5	3.3
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG22	5	3.3
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG23	5	3.3
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG11	7	3.3
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG12	7	3.3
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG13	7	3.3
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG21	7	3.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG22	7	3.3
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG23	7	3.3
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG11	7	3.3
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG12	7	3.3
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG13	7	3.3
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG21	7	3.3
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG22	7	3.3
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG23	7	3.3
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG11	7	3.3
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG12	7	3.3
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG13	7	3.3
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG21	7	3.3
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG22	7	3.3
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG23	7	3.3
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG12	17	3.3
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG13	17	3.3
(5,2470)	1:144:A:LEU:HD11	1:147:A:ARG:HA	6	3.3
(5,2470)	1:144:A:LEU:HD12	1:147:A:ARG:HA	6	3.3
(5,2470)	1:144:A:LEU:HD13	1:147:A:ARG:HA	6	3.3
(5,2470)	1:144:A:LEU:HD21	1:147:A:ARG:HA	6	3.3
(5,2470)	1:144:A:LEU:HD22	1:147:A:ARG:HA	6	3.3
(5,2470)	1:144:A:LEU:HD23	1:147:A:ARG:HA	6	3.3
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE1	3	3.3
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE2	3	3.3
(4,862)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	6	3.3
(4,862)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	6	3.3
(3,1933)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	4	3.3
(3,1933)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	4	3.3
(3,1933)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	4	3.3
(3,1933)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	4	3.3
(2,1272)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	11	3.3
(2,1272)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	11	3.3
(2,1272)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	11	3.3
(1,662)	1:96:A:VAL:HA	1:116:A:GLN:HE22	15	3.3
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG11	12	3.29
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG12	12	3.29
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG13	12	3.29
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG21	12	3.29
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG22	12	3.29
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG23	12	3.29
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD11	10	3.29
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD12	10	3.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD13	10	3.29
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD21	10	3.29
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD22	10	3.29
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD23	10	3.29
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD11	10	3.29
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD12	10	3.29
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD13	10	3.29
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD21	10	3.29
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD22	10	3.29
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD23	10	3.29
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD11	10	3.29
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD12	10	3.29
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD13	10	3.29
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD21	10	3.29
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD22	10	3.29
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD23	10	3.29
(34,156)	1:67:A:PRO:HD3	1:95:A:ILE:H	1	3.29
(32,1981)	1:17:A:ASN:HB2	1:76:A:ARG:HA	12	3.29
(32,1981)	1:17:A:ASN:HB3	1:76:A:ARG:HA	12	3.29
(32,1707)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	5	3.29
(32,1707)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	5	3.29
(30,2046)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	10	3.29
(30,2046)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	10	3.29
(30,2046)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	10	3.29
(30,2046)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	10	3.29
(30,2046)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	10	3.29
(30,2046)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	10	3.29
(30,2046)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	10	3.29
(30,2046)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	10	3.29
(30,2046)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	10	3.29
(30,2046)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	10	3.29
(30,2046)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	10	3.29
(30,2046)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	10	3.29
(19,21)	1:56:A:CYS:SG	1:59:A:CYS:CB	16	3.29
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	3	3.29
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	3	3.29
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	3	3.29
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	3	3.29
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	3	3.29
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	3	3.29
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	3	3.29
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	3	3.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	3	3.29
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	3	3.29
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	3	3.29
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	3	3.29
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD11	10	3.29
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD12	10	3.29
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD13	10	3.29
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD21	10	3.29
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD22	10	3.29
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD23	10	3.29
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD11	10	3.29
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD12	10	3.29
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD13	10	3.29
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD21	10	3.29
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD22	10	3.29
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD23	10	3.29
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD11	10	3.29
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD12	10	3.29
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD13	10	3.29
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD21	10	3.29
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD22	10	3.29
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD23	10	3.29
(13,2009)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	10	3.29
(13,2009)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	10	3.29
(13,2009)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	10	3.29
(13,2009)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	10	3.29
(13,2009)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	10	3.29
(13,2009)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	10	3.29
(13,2009)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	10	3.29
(13,2009)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	10	3.29
(13,2009)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	10	3.29
(13,2009)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	10	3.29
(13,2009)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	10	3.29
(13,2009)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	10	3.29
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD11	10	3.29
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD12	10	3.29
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD13	10	3.29
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD21	10	3.29
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD22	10	3.29
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD23	10	3.29
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD11	10	3.29
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD12	10	3.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD13	10	3.29
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD21	10	3.29
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD22	10	3.29
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD23	10	3.29
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD11	10	3.29
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD12	10	3.29
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD13	10	3.29
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD21	10	3.29
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD22	10	3.29
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD23	10	3.29
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	2	3.29
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	2	3.29
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	2	3.29
(7,973)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	3	3.29
(7,973)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	3	3.29
(5,2473)	1:144:A:LEU:HD11	1:147:A:ARG:HE	13	3.29
(5,2473)	1:144:A:LEU:HD12	1:147:A:ARG:HE	13	3.29
(5,2473)	1:144:A:LEU:HD13	1:147:A:ARG:HE	13	3.29
(5,2473)	1:144:A:LEU:HD21	1:147:A:ARG:HE	13	3.29
(5,2473)	1:144:A:LEU:HD22	1:147:A:ARG:HE	13	3.29
(5,2473)	1:144:A:LEU:HD23	1:147:A:ARG:HE	13	3.29
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG11	13	3.29
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG12	13	3.29
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG13	13	3.29
(4,1200)	1:34:A:LYS:H	1:81:A:GLU:HA	19	3.29
(3,1933)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	7	3.29
(3,1933)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	7	3.29
(3,1933)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	7	3.29
(3,1933)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	7	3.29
(2,2077)	1:31:A:PRO:HD2	1:143:A:TRP:HA	5	3.29
(2,2077)	1:31:A:PRO:HD3	1:143:A:TRP:HA	5	3.29
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG11	8	3.28
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG12	8	3.28
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG13	8	3.28
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG21	8	3.28
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG22	8	3.28
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG23	8	3.28
(34,908)	1:10:A:ASN:HD22	1:11:A:ILE:HB	3	3.28
(33,1133)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	3	3.28
(33,1133)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	3	3.28
(33,1133)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	3	3.28
(33,1133)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	3	3.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1133)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	3	3.28
(33,1133)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	3	3.28
(33,975)	1:11:A:ILE:HG12	1:14:A:VAL:HB	14	3.28
(30,1865)	1:18:A:PHE:HA	1:113:A:PHE:HE1	12	3.28
(30,1865)	1:18:A:PHE:HA	1:113:A:PHE:HE2	12	3.28
(19,21)	1:56:A:CYS:SG	1:59:A:CYS:CB	10	3.28
(19,14)	1:52:A:CYS:SG	1:123:A:CYS:CB	5	3.28
(18,1141)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	3	3.28
(18,1141)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	3	3.28
(18,1141)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	3	3.28
(18,1141)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	3	3.28
(18,1141)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	3	3.28
(18,1141)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	3	3.28
(17,1915)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	13	3.28
(17,1915)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	13	3.28
(17,1915)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	13	3.28
(17,1915)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	13	3.28
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD11	11	3.28
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD12	11	3.28
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD13	11	3.28
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD21	11	3.28
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD22	11	3.28
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD23	11	3.28
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD11	11	3.28
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD12	11	3.28
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD13	11	3.28
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD21	11	3.28
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD22	11	3.28
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD23	11	3.28
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD11	11	3.28
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD12	11	3.28
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD13	11	3.28
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD21	11	3.28
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD22	11	3.28
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD23	11	3.28
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	13	3.28
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	13	3.28
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	13	3.28
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	13	3.28
(5,2146)	1:43:A:MET:HE1	1:144:A:LEU:HB2	2	3.28
(5,2146)	1:43:A:MET:HE1	1:144:A:LEU:HB3	2	3.28
(5,2146)	1:43:A:MET:HE2	1:144:A:LEU:HB2	2	3.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2146)	1:43:A:MET:HE2	1:144:A:LEU:HB3	2	3.28
(5,2146)	1:43:A:MET:HE3	1:144:A:LEU:HB2	2	3.28
(5,2146)	1:43:A:MET:HE3	1:144:A:LEU:HB3	2	3.28
(5,1145)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	3	3.28
(5,1145)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	3	3.28
(5,1145)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	3	3.28
(5,1145)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	3	3.28
(5,1145)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	3	3.28
(5,1145)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	3	3.28
(3,1875)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	5	3.28
(3,1875)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	5	3.28
(3,1875)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	5	3.28
(3,1875)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	5	3.28
(2,841)	1:43:A:MET:HE1	1:144:A:LEU:HB2	14	3.28
(2,841)	1:43:A:MET:HE2	1:144:A:LEU:HB2	14	3.28
(2,841)	1:43:A:MET:HE3	1:144:A:LEU:HB2	14	3.28
(2,841)	1:43:A:MET:HE1	1:144:A:LEU:HB3	14	3.28
(2,841)	1:43:A:MET:HE2	1:144:A:LEU:HB3	14	3.28
(2,841)	1:43:A:MET:HE3	1:144:A:LEU:HB3	14	3.28
(1,2053)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	2	3.28
(1,2053)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	2	3.28
(1,2053)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	2	3.28
(1,2053)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	2	3.28
(1,2053)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	2	3.28
(1,2053)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	2	3.28
(1,2053)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	2	3.28
(1,2053)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	2	3.28
(1,2053)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	2	3.28
(1,2053)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	2	3.28
(1,2053)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	2	3.28
(1,2053)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	2	3.28
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG21	3	3.28
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG22	3	3.28
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG23	3	3.28
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG21	3	3.28
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG22	3	3.28
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG23	3	3.28
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG21	3	3.28
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG22	3	3.28
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG23	3	3.28
(1,1141)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	3	3.28
(1,1141)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	3	3.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1141)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	3	3.28
(1,1141)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	3	3.28
(1,1141)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	3	3.28
(1,1141)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	3	3.28
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	4	3.27
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	4	3.27
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	4	3.27
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	4	3.27
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	4	3.27
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	4	3.27
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	4	3.27
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	4	3.27
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	4	3.27
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	4	3.27
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	4	3.27
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	4	3.27
(33,2070)	1:34:A:LYS:HG2	1:81:A:GLU:HB2	14	3.27
(33,2070)	1:34:A:LYS:HG2	1:81:A:GLU:HB3	14	3.27
(33,2070)	1:34:A:LYS:HG3	1:81:A:GLU:HB2	14	3.27
(33,2070)	1:34:A:LYS:HG3	1:81:A:GLU:HB3	14	3.27
(32,2485)	1:144:A:LEU:HB3	1:146:A:GLN:HG2	13	3.27
(32,2485)	1:144:A:LEU:HB3	1:146:A:GLN:HG3	13	3.27
(32,2033)	1:30:A:LEU:HD11	1:143:A:TRP:HE3	14	3.27
(32,2033)	1:30:A:LEU:HD12	1:143:A:TRP:HE3	14	3.27
(32,2033)	1:30:A:LEU:HD13	1:143:A:TRP:HE3	14	3.27
(32,2033)	1:30:A:LEU:HD21	1:143:A:TRP:HE3	14	3.27
(32,2033)	1:30:A:LEU:HD22	1:143:A:TRP:HE3	14	3.27
(32,2033)	1:30:A:LEU:HD23	1:143:A:TRP:HE3	14	3.27
(32,1665)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	12	3.27
(32,1665)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	12	3.27
(32,1665)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	12	3.27
(30,1715)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	12	3.27
(30,1715)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	12	3.27
(30,1715)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	12	3.27
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD21	9	3.27
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD22	9	3.27
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD23	9	3.27
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	9	3.27
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	9	3.27
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	9	3.27
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB2	11	3.27
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB2	11	3.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB2	11	3.27
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB3	11	3.27
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB3	11	3.27
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB3	11	3.27
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	9	3.27
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	9	3.27
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	9	3.27
(18,1947)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	13	3.27
(18,1947)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	13	3.27
(18,1947)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	13	3.27
(18,1947)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	13	3.27
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	17	3.27
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	17	3.27
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	17	3.27
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	17	3.27
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	17	3.27
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	17	3.27
(18,1695)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	12	3.27
(18,1695)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	12	3.27
(18,1695)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	12	3.27
(18,1439)	1:31:A:PRO:HD3	1:140:A:LEU:HG	15	3.27
(17,1723)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	12	3.27
(17,1723)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	12	3.27
(17,1723)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	12	3.27
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	9	3.27
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	9	3.27
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	9	3.27
(17,1234)	1:34:A:LYS:H	1:81:A:GLU:HA	14	3.27
(17,995)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	3	3.27
(17,995)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	3	3.27
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	9	3.27
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	9	3.27
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	9	3.27
(11,1967)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	13	3.27
(11,1967)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	13	3.27
(11,1967)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	13	3.27
(11,1967)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	13	3.27
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD21	9	3.27
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD22	9	3.27
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD23	9	3.27
(11,1022)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	10	3.27
(11,1022)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	10	3.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1022)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	10	3.27
(11,843)	1:43:A:MET:HE1	1:144:A:LEU:HB2	11	3.27
(11,843)	1:43:A:MET:HE2	1:144:A:LEU:HB2	11	3.27
(11,843)	1:43:A:MET:HE3	1:144:A:LEU:HB2	11	3.27
(11,843)	1:43:A:MET:HE1	1:144:A:LEU:HB3	11	3.27
(11,843)	1:43:A:MET:HE2	1:144:A:LEU:HB3	11	3.27
(11,843)	1:43:A:MET:HE3	1:144:A:LEU:HB3	11	3.27
(9,1942)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	13	3.27
(9,1942)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	13	3.27
(9,1942)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	13	3.27
(9,1942)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	13	3.27
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG21	19	3.27
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG22	19	3.27
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG23	19	3.27
(6,1711)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	12	3.27
(6,1711)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	12	3.27
(6,1711)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	12	3.27
(5,2146)	1:43:A:MET:HE1	1:144:A:LEU:HB2	15	3.27
(5,2146)	1:43:A:MET:HE1	1:144:A:LEU:HB3	15	3.27
(5,2146)	1:43:A:MET:HE2	1:144:A:LEU:HB2	15	3.27
(5,2146)	1:43:A:MET:HE2	1:144:A:LEU:HB3	15	3.27
(5,2146)	1:43:A:MET:HE3	1:144:A:LEU:HB2	15	3.27
(5,2146)	1:43:A:MET:HE3	1:144:A:LEU:HB3	15	3.27
(5,1732)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	12	3.27
(5,1732)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	12	3.27
(5,1732)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	12	3.27
(5,1123)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	14	3.27
(5,1123)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	14	3.27
(5,1123)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	14	3.27
(5,1123)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	14	3.27
(5,1123)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	14	3.27
(5,1123)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	14	3.27
(3,1975)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	13	3.27
(3,1975)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	13	3.27
(3,1975)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	13	3.27
(3,1975)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	13	3.27
(3,1741)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	12	3.27
(3,1741)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	12	3.27
(3,1741)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	12	3.27
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	5	3.27
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	5	3.27
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	5	3.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	5	3.27
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	5	3.27
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	5	3.27
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	5	3.27
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	5	3.27
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	5	3.27
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD21	9	3.27
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD22	9	3.27
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD23	9	3.27
(2,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	15	3.27
(2,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	15	3.27
(2,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	15	3.27
(2,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	15	3.27
(32,2033)	1:30:A:LEU:HD11	1:143:A:TRP:HE3	7	3.26
(32,2033)	1:30:A:LEU:HD12	1:143:A:TRP:HE3	7	3.26
(32,2033)	1:30:A:LEU:HD13	1:143:A:TRP:HE3	7	3.26
(32,2033)	1:30:A:LEU:HD21	1:143:A:TRP:HE3	7	3.26
(32,2033)	1:30:A:LEU:HD22	1:143:A:TRP:HE3	7	3.26
(32,2033)	1:30:A:LEU:HD23	1:143:A:TRP:HE3	7	3.26
(29,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HB	8	3.26
(29,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HB	8	3.26
(19,5)	1:123:A:CYS:SG	1:127:A:CYS:CB	18	3.26
(16,1834)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	13	3.26
(16,1834)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	13	3.26
(16,1834)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	13	3.26
(16,1834)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	13	3.26
(7,2004)	1:27:A:ARG:HA	1:31:A:PRO:HD2	18	3.26
(7,2004)	1:27:A:ARG:HA	1:31:A:PRO:HD3	18	3.26
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG21	3	3.26
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG22	3	3.26
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG23	3	3.26
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG21	12	3.26
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG22	12	3.26
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG23	12	3.26
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG21	9	3.26
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG22	9	3.26
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG23	9	3.26
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG21	9	3.26
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG22	9	3.26
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG23	9	3.26
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG21	9	3.26
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG22	9	3.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG23	9	3.26
(1,1158)	1:39:A:VAL:HB	1:139:A:LEU:HA	8	3.26
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB2	8	3.26
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB3	8	3.26
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB2	8	3.26
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB3	8	3.26
(32,1914)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	18	3.25
(32,1914)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	18	3.25
(32,1914)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	18	3.25
(32,1914)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	18	3.25
(30,686)	1:39:A:VAL:HB	1:144:A:LEU:H	13	3.25
(19,21)	1:56:A:CYS:SG	1:59:A:CYS:CB	18	3.25
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG11	2	3.25
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG12	2	3.25
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG13	2	3.25
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG21	2	3.25
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG22	2	3.25
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG23	2	3.25
(6,1959)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	18	3.25
(6,1959)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	18	3.25
(6,1959)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	18	3.25
(6,1959)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	18	3.25
(2,684)	1:39:A:VAL:HB	1:144:A:LEU:H	13	3.25
(1,2053)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	15	3.25
(1,2053)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	15	3.25
(1,2053)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	15	3.25
(1,2053)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	15	3.25
(1,2053)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	15	3.25
(1,2053)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	15	3.25
(1,2053)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	15	3.25
(1,2053)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	15	3.25
(1,2053)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	15	3.25
(1,2053)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	15	3.25
(1,2053)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	15	3.25
(1,2053)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	15	3.25
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD11	8	3.24
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD12	8	3.24
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD13	8	3.24
(34,467)	1:18:A:PHE:H	1:113:A:PHE:HE1	17	3.24
(34,467)	1:18:A:PHE:H	1:113:A:PHE:HE2	17	3.24
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	13	3.24
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	13	3.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	13	3.24
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	13	3.24
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	13	3.24
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	13	3.24
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	13	3.24
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	13	3.24
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	13	3.24
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	13	3.24
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	13	3.24
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	13	3.24
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	13	3.24
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	13	3.24
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	13	3.24
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	13	3.24
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	13	3.24
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	13	3.24
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	5	3.24
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	5	3.24
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	5	3.24
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	5	3.24
(33,832)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	15	3.24
(33,832)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	15	3.24
(33,832)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	15	3.24
(33,832)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	15	3.24
(32,809)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	15	3.24
(32,809)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	15	3.24
(32,809)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	15	3.24
(32,809)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	15	3.24
(32,446)	1:18:A:PHE:H	1:113:A:PHE:HE1	17	3.24
(32,446)	1:18:A:PHE:H	1:113:A:PHE:HE2	17	3.24
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD11	6	3.24
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD12	6	3.24
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD13	6	3.24
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD21	6	3.24
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD22	6	3.24
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD23	6	3.24
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	10	3.24
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	10	3.24
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	10	3.24
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD11	13	3.24
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD12	13	3.24
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD13	13	3.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD11	13	3.24
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD12	13	3.24
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD13	13	3.24
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD11	13	3.24
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD12	13	3.24
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD13	13	3.24
(30,461)	1:18:A:PHE:H	1:113:A:PHE:HE1	17	3.24
(30,461)	1:18:A:PHE:H	1:113:A:PHE:HE2	17	3.24
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD11	6	3.24
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD12	6	3.24
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD13	6	3.24
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD21	6	3.24
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD22	6	3.24
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD23	6	3.24
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	10	3.24
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	10	3.24
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	10	3.24
(29,464)	1:18:A:PHE:H	1:113:A:PHE:HE1	17	3.24
(29,464)	1:18:A:PHE:H	1:113:A:PHE:HE2	17	3.24
(20,2)	1:123:A:CYS:SG	1:127:A:CYS:SG	1	3.24
(19,19)	1:56:A:CYS:SG	1:127:A:CYS:CB	14	3.24
(18,1898)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	7	3.24
(18,1898)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	7	3.24
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	10	3.24
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	10	3.24
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	10	3.24
(17,454)	1:18:A:PHE:H	1:113:A:PHE:HE1	17	3.24
(17,454)	1:18:A:PHE:H	1:113:A:PHE:HE2	17	3.24
(16,1009)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	3	3.24
(16,1009)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	3	3.24
(15,1610)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	10	3.24
(15,1610)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	10	3.24
(15,1610)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	10	3.24
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	10	3.24
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	10	3.24
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	10	3.24
(13,1846)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	6	3.24
(13,1846)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	6	3.24
(13,877)	1:13:A:ALA:H	1:80:A:TYR:HB2	9	3.24
(13,813)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	15	3.24
(13,813)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	15	3.24
(13,813)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	15	3.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,813)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	15	3.24
(11,1942)	1:14:A:VAL:HB	1:18:A:PHE:HZ	1	3.24
(11,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	15	3.24
(11,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	15	3.24
(11,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	15	3.24
(11,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	15	3.24
(9,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	15	3.24
(9,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	15	3.24
(9,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	15	3.24
(9,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	15	3.24
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	1	3.24
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	1	3.24
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	1	3.24
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	1	3.24
(7,460)	1:18:A:PHE:H	1:113:A:PHE:HE1	17	3.24
(7,460)	1:18:A:PHE:H	1:113:A:PHE:HE2	17	3.24
(6,1915)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	7	3.24
(6,1915)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	7	3.24
(6,455)	1:18:A:PHE:H	1:113:A:PHE:HE1	17	3.24
(6,455)	1:18:A:PHE:H	1:113:A:PHE:HE2	17	3.24
(5,1928)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	7	3.24
(5,1928)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	7	3.24
(4,1897)	1:14:A:VAL:HB	1:18:A:PHE:HZ	1	3.24
(4,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	15	3.24
(4,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	15	3.24
(4,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	15	3.24
(4,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	15	3.24
(4,451)	1:18:A:PHE:H	1:113:A:PHE:HE1	17	3.24
(4,451)	1:18:A:PHE:H	1:113:A:PHE:HE2	17	3.24
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG21	19	3.24
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG22	19	3.24
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG23	19	3.24
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG21	19	3.24
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG22	19	3.24
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG23	19	3.24
(3,462)	1:18:A:PHE:H	1:113:A:PHE:HE1	17	3.24
(3,462)	1:18:A:PHE:H	1:113:A:PHE:HE2	17	3.24
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG11	11	3.24
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG12	11	3.24
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG13	11	3.24
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG21	11	3.24
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG22	11	3.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG23	11	3.24
(1,461)	1:18:A:PHE:H	1:113:A:PHE:HE1	17	3.24
(1,461)	1:18:A:PHE:H	1:113:A:PHE:HE2	17	3.24
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	5	3.23
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	5	3.23
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	5	3.23
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	5	3.23
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	5	3.23
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	5	3.23
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	5	3.23
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	5	3.23
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	5	3.23
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	5	3.23
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	5	3.23
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	5	3.23
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	5	3.23
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	5	3.23
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	5	3.23
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	5	3.23
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	5	3.23
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	5	3.23
(33,711)	1:44:A:GLU:HB2	1:48:A:ARG:HE	7	3.23
(33,711)	1:44:A:GLU:HB3	1:48:A:ARG:HE	7	3.23
(32,2035)	1:30:A:LEU:HD11	1:143:A:TRP:HH2	9	3.23
(32,2035)	1:30:A:LEU:HD12	1:143:A:TRP:HH2	9	3.23
(32,2035)	1:30:A:LEU:HD13	1:143:A:TRP:HH2	9	3.23
(32,2035)	1:30:A:LEU:HD21	1:143:A:TRP:HH2	9	3.23
(32,2035)	1:30:A:LEU:HD22	1:143:A:TRP:HH2	9	3.23
(32,2035)	1:30:A:LEU:HD23	1:143:A:TRP:HH2	9	3.23
(32,2033)	1:30:A:LEU:HD11	1:143:A:TRP:HE3	11	3.23
(32,2033)	1:30:A:LEU:HD12	1:143:A:TRP:HE3	11	3.23
(32,2033)	1:30:A:LEU:HD13	1:143:A:TRP:HE3	11	3.23
(32,2033)	1:30:A:LEU:HD21	1:143:A:TRP:HE3	11	3.23
(32,2033)	1:30:A:LEU:HD22	1:143:A:TRP:HE3	11	3.23
(32,2033)	1:30:A:LEU:HD23	1:143:A:TRP:HE3	11	3.23
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	5	3.23
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	5	3.23
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	5	3.23
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	5	3.23
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	5	3.23
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	5	3.23
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	5	3.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	5	3.23
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	5	3.23
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	5	3.23
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	5	3.23
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	5	3.23
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	5	3.23
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	5	3.23
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	5	3.23
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	5	3.23
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	5	3.23
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	5	3.23
(32,1188)	1:33:A:LYS:HB2	1:81:A:GLU:HA	15	3.23
(32,1188)	1:33:A:LYS:HB3	1:81:A:GLU:HA	15	3.23
(32,839)	1:30:A:LEU:HB2	1:143:A:TRP:HZ3	6	3.23
(32,839)	1:30:A:LEU:HB3	1:143:A:TRP:HZ3	6	3.23
(32,693)	1:44:A:GLU:HB2	1:48:A:ARG:HE	7	3.23
(32,693)	1:44:A:GLU:HB3	1:48:A:ARG:HE	7	3.23
(30,1217)	1:33:A:LYS:HB2	1:81:A:GLU:HA	15	3.23
(30,1217)	1:33:A:LYS:HB3	1:81:A:GLU:HA	15	3.23
(19,21)	1:56:A:CYS:SG	1:59:A:CYS:CB	17	3.23
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	5	3.23
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	5	3.23
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	5	3.23
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	5	3.23
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	5	3.23
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	5	3.23
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	5	3.23
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	5	3.23
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	5	3.23
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	5	3.23
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	5	3.23
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	5	3.23
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	5	3.23
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	5	3.23
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	5	3.23
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	5	3.23
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	5	3.23
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	5	3.23
(18,725)	1:44:A:GLU:HB2	1:48:A:ARG:HE	7	3.23
(18,725)	1:44:A:GLU:HB3	1:48:A:ARG:HE	7	3.23
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	5	3.23
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	5	3.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	5	3.23
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	5	3.23
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	5	3.23
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	5	3.23
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	5	3.23
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	5	3.23
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	5	3.23
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	5	3.23
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	5	3.23
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	5	3.23
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	5	3.23
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	5	3.23
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	5	3.23
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	5	3.23
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	5	3.23
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	5	3.23
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	5	3.23
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	5	3.23
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	5	3.23
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	5	3.23
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	5	3.23
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	5	3.23
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	5	3.23
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	5	3.23
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	5	3.23
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	5	3.23
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	5	3.23
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	5	3.23
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	5	3.23
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	5	3.23
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	5	3.23
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	5	3.23
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	5	3.23
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	5	3.23
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	16	3.23
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	16	3.23
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	16	3.23
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	16	3.23
(11,713)	1:44:A:GLU:HB2	1:48:A:ARG:HE	7	3.23
(11,713)	1:44:A:GLU:HB3	1:48:A:ARG:HE	7	3.23
(7,978)	1:35:A:LEU:HG	1:143:A:TRP:HB3	3	3.23
(5,1143)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	17	3.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1143)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	17	3.23
(5,1143)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	17	3.23
(5,1143)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	17	3.23
(5,1143)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	17	3.23
(5,1143)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	17	3.23
(5,712)	1:44:A:GLU:HB2	1:48:A:ARG:HE	7	3.23
(5,712)	1:44:A:GLU:HB3	1:48:A:ARG:HE	7	3.23
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	5	3.23
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	5	3.23
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	5	3.23
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	5	3.23
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	5	3.23
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	5	3.23
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	5	3.23
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	5	3.23
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	5	3.23
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	5	3.23
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	5	3.23
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	5	3.23
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	5	3.23
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	5	3.23
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	5	3.23
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	5	3.23
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	5	3.23
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	5	3.23
(2,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	10	3.23
(2,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	10	3.23
(2,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	10	3.23
(1,2052)	1:30:A:LEU:HD11	1:144:A:LEU:HA	9	3.23
(1,2052)	1:30:A:LEU:HD12	1:144:A:LEU:HA	9	3.23
(1,2052)	1:30:A:LEU:HD13	1:144:A:LEU:HA	9	3.23
(1,2052)	1:30:A:LEU:HD21	1:144:A:LEU:HA	9	3.23
(1,2052)	1:30:A:LEU:HD22	1:144:A:LEU:HA	9	3.23
(1,2052)	1:30:A:LEU:HD23	1:144:A:LEU:HA	9	3.23
(34,908)	1:10:A:ASN:HD22	1:11:A:ILE:HB	12	3.22
(34,156)	1:67:A:PRO:HD3	1:95:A:ILE:H	12	3.22
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD11	17	3.22
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD12	17	3.22
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD13	17	3.22
(33,697)	1:10:A:ASN:HD22	1:14:A:VAL:HB	12	3.22
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	2	3.22
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	2	3.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	2	3.22
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	2	3.22
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	2	3.22
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	2	3.22
(19,11)	1:127:A:CYS:SG	1:56:A:CYS:CB	14	3.22
(18,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	6	3.22
(18,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	6	3.22
(18,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	6	3.22
(18,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	6	3.22
(17,1772)	1:39:A:VAL:HB	1:139:A:LEU:HA	17	3.22
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	2	3.22
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	2	3.22
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	2	3.22
(16,1874)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	2	3.22
(16,1874)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	2	3.22
(16,1874)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	19	3.22
(16,1874)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	19	3.22
(16,706)	1:10:A:ASN:HD22	1:14:A:VAL:HB	12	3.22
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	2	3.22
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	2	3.22
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	2	3.22
(13,684)	1:10:A:ASN:HD22	1:14:A:VAL:HB	12	3.22
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG2	1	3.22
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG3	1	3.22
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	9	3.22
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	9	3.22
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	9	3.22
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	9	3.22
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	9	3.22
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	9	3.22
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD2	1	3.22
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD3	1	3.22
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD2	1	3.22
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD3	1	3.22
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD2	1	3.22
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD3	1	3.22
(7,694)	1:10:A:ASN:HD22	1:14:A:VAL:HB	12	3.22
(5,1257)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	16	3.22
(5,1257)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	16	3.22
(5,1257)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	16	3.22
(5,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	12	3.22
(2,841)	1:43:A:MET:HE1	1:144:A:LEU:HB2	6	3.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,841)	1:43:A:MET:HE2	1:144:A:LEU:HB2	6	3.22
(2,841)	1:43:A:MET:HE3	1:144:A:LEU:HB2	6	3.22
(2,841)	1:43:A:MET:HE1	1:144:A:LEU:HB3	6	3.22
(2,841)	1:43:A:MET:HE2	1:144:A:LEU:HB3	6	3.22
(2,841)	1:43:A:MET:HE3	1:144:A:LEU:HB3	6	3.22
(1,707)	1:10:A:ASN:HD22	1:14:A:VAL:HB	12	3.22
(1,648)	1:66:A:THR:H	1:96:A:VAL:H	4	3.22
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	1	3.21
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	1	3.21
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	1	3.21
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD2	8	3.21
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD3	8	3.21
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	5	3.21
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	5	3.21
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	5	3.21
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	5	3.21
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	5	3.21
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	5	3.21
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	5	3.21
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	5	3.21
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	5	3.21
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	5	3.21
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	5	3.21
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	5	3.21
(32,1981)	1:17:A:ASN:HB2	1:76:A:ARG:HA	17	3.21
(32,1981)	1:17:A:ASN:HB3	1:76:A:ARG:HA	17	3.21
(19,21)	1:56:A:CYS:SG	1:59:A:CYS:CB	1	3.21
(18,1947)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	17	3.21
(18,1947)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	17	3.21
(18,1947)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	17	3.21
(18,1947)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	17	3.21
(17,1772)	1:39:A:VAL:HB	1:139:A:LEU:HA	3	3.21
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD11	19	3.21
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD12	19	3.21
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD13	19	3.21
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD21	19	3.21
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD22	19	3.21
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD23	19	3.21
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG21	11	3.21
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG22	11	3.21
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG23	11	3.21
(13,1084)	1:18:A:PHE:HA	1:113:A:PHE:HZ	17	3.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,877)	1:13:A:ALA:H	1:80:A:TYR:HB2	19	3.21
(11,1967)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	17	3.21
(11,1967)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	17	3.21
(11,1967)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	17	3.21
(11,1967)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	17	3.21
(9,1942)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	17	3.21
(9,1942)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	17	3.21
(9,1942)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	17	3.21
(9,1942)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	17	3.21
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD2	8	3.21
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD3	8	3.21
(6,60)	1:34:A:LYS:H	1:81:A:GLU:H	14	3.21
(3,1975)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	17	3.21
(3,1975)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	17	3.21
(3,1975)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	17	3.21
(3,1975)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	17	3.21
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD21	19	3.21
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD22	19	3.21
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD23	19	3.21
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD21	19	3.21
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD22	19	3.21
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD23	19	3.21
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD21	19	3.21
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD22	19	3.21
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD23	19	3.21
(2,1845)	1:9:A:PHE:HZ	1:54:A:ARG:HE	17	3.21
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG21	4	3.21
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG22	4	3.21
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG23	4	3.21
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG21	5	3.21
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG22	5	3.21
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG23	5	3.21
(1,1211)	1:41:A:LYS:HG3	1:44:A:GLU:HG3	11	3.21
(1,1118)	1:18:A:PHE:HA	1:113:A:PHE:HZ	17	3.21
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	3	3.2
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	3	3.2
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	3	3.2
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	3	3.2
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	3	3.2
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	3	3.2
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	3	3.2
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	3	3.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	3	3.2
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	3	3.2
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	3	3.2
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	3	3.2
(32,2488)	1:144:A:LEU:HD11	1:146:A:GLN:HE21	16	3.2
(32,2488)	1:144:A:LEU:HD11	1:146:A:GLN:HE22	16	3.2
(32,2488)	1:144:A:LEU:HD12	1:146:A:GLN:HE21	16	3.2
(32,2488)	1:144:A:LEU:HD12	1:146:A:GLN:HE22	16	3.2
(32,2488)	1:144:A:LEU:HD13	1:146:A:GLN:HE21	16	3.2
(32,2488)	1:144:A:LEU:HD13	1:146:A:GLN:HE22	16	3.2
(32,2488)	1:144:A:LEU:HD21	1:146:A:GLN:HE21	16	3.2
(32,2488)	1:144:A:LEU:HD21	1:146:A:GLN:HE22	16	3.2
(32,2488)	1:144:A:LEU:HD22	1:146:A:GLN:HE21	16	3.2
(32,2488)	1:144:A:LEU:HD22	1:146:A:GLN:HE22	16	3.2
(32,2488)	1:144:A:LEU:HD23	1:146:A:GLN:HE21	16	3.2
(32,2488)	1:144:A:LEU:HD23	1:146:A:GLN:HE22	16	3.2
(30,2058)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	9	3.2
(30,2058)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	9	3.2
(30,2058)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	9	3.2
(30,2058)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	9	3.2
(30,2058)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	9	3.2
(30,2058)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	9	3.2
(30,2058)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	19	3.2
(30,2058)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	19	3.2
(30,2058)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	19	3.2
(30,2058)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	19	3.2
(30,2058)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	19	3.2
(30,2058)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	19	3.2
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB2	1	3.2
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB2	1	3.2
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB2	1	3.2
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB3	1	3.2
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB3	1	3.2
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB3	1	3.2
(11,843)	1:43:A:MET:HE1	1:144:A:LEU:HB2	1	3.2
(11,843)	1:43:A:MET:HE2	1:144:A:LEU:HB2	1	3.2
(11,843)	1:43:A:MET:HE3	1:144:A:LEU:HB2	1	3.2
(11,843)	1:43:A:MET:HE1	1:144:A:LEU:HB3	1	3.2
(11,843)	1:43:A:MET:HE2	1:144:A:LEU:HB3	1	3.2
(11,843)	1:43:A:MET:HE3	1:144:A:LEU:HB3	1	3.2
(9,1749)	1:39:A:VAL:HB	1:139:A:LEU:HA	19	3.2
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG21	3	3.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG22	3	3.2
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG23	3	3.2
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG21	3	3.2
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG22	3	3.2
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG23	3	3.2
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG21	3	3.2
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG22	3	3.2
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG23	3	3.2
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG11	3	3.2
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG12	3	3.2
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG13	3	3.2
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG11	3	3.2
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG12	3	3.2
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG13	3	3.2
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG11	3	3.2
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG12	3	3.2
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG13	3	3.2
(3,1028)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	10	3.2
(3,1028)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	10	3.2
(3,1028)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	10	3.2
(2,1643)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	17	3.2
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD21	15	3.2
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD22	15	3.2
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD23	15	3.2
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD21	15	3.2
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD22	15	3.2
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD23	15	3.2
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD21	15	3.2
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD22	15	3.2
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD23	15	3.2
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD11	5	3.19
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD12	5	3.19
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD13	5	3.19
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD21	5	3.19
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD22	5	3.19
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD23	5	3.19
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD11	5	3.19
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD12	5	3.19
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD13	5	3.19
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD21	5	3.19
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD22	5	3.19
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD23	5	3.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD11	5	3.19
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD12	5	3.19
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD13	5	3.19
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD21	5	3.19
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD22	5	3.19
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD23	5	3.19
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD1	5	3.19
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD2	5	3.19
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD1	5	3.19
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD2	5	3.19
(29,660)	1:96:A:VAL:HA	1:116:A:GLN:HE22	3	3.19
(19,21)	1:56:A:CYS:SG	1:59:A:CYS:CB	9	3.19
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD11	5	3.19
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD12	5	3.19
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD13	5	3.19
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD21	5	3.19
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD22	5	3.19
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD23	5	3.19
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD11	5	3.19
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD12	5	3.19
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD13	5	3.19
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD21	5	3.19
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD22	5	3.19
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD23	5	3.19
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD11	5	3.19
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD12	5	3.19
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD13	5	3.19
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD21	5	3.19
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD22	5	3.19
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD23	5	3.19
(18,667)	1:96:A:VAL:HA	1:116:A:GLN:HE22	3	3.19
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD21	11	3.19
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD22	11	3.19
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD23	11	3.19
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD21	11	3.19
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD22	11	3.19
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD23	11	3.19
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD21	11	3.19
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD22	11	3.19
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD23	11	3.19
(16,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	19	3.19
(16,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	19	3.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	19	3.19
(16,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	19	3.19
(16,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	19	3.19
(16,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	19	3.19
(16,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	19	3.19
(16,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	19	3.19
(16,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	19	3.19
(16,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	19	3.19
(16,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	19	3.19
(16,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	19	3.19
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD11	5	3.19
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD12	5	3.19
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD13	5	3.19
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD21	5	3.19
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD22	5	3.19
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD23	5	3.19
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD11	5	3.19
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD12	5	3.19
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD13	5	3.19
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD21	5	3.19
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD22	5	3.19
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD23	5	3.19
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD11	5	3.19
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD12	5	3.19
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD13	5	3.19
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD21	5	3.19
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD22	5	3.19
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD23	5	3.19
(13,829)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	17	3.19
(13,829)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	17	3.19
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	15	3.19
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	15	3.19
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	15	3.19
(11,1943)	1:11:A:ILE:HD11	1:18:A:PHE:HZ	9	3.19
(11,1943)	1:11:A:ILE:HD12	1:18:A:PHE:HZ	9	3.19
(11,1943)	1:11:A:ILE:HD13	1:18:A:PHE:HZ	9	3.19
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG12	12	3.19
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG13	12	3.19
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD11	2	3.19
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD12	2	3.19
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD13	2	3.19
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD21	2	3.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD22	2	3.19
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD23	2	3.19
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD11	2	3.19
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD12	2	3.19
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD13	2	3.19
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD21	2	3.19
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD22	2	3.19
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD23	2	3.19
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD11	2	3.19
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD12	2	3.19
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD13	2	3.19
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD21	2	3.19
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD22	2	3.19
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD23	2	3.19
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE1	6	3.19
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE2	6	3.19
(2,1458)	1:30:A:LEU:HB2	1:145:A:PRO:HD2	13	3.19
(2,1458)	1:30:A:LEU:HB3	1:145:A:PRO:HD2	13	3.19
(1,1449)	1:31:A:PRO:HD3	1:143:A:TRP:HA	2	3.19
(1,662)	1:96:A:VAL:HA	1:116:A:GLN:HE22	3	3.19
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD2	17	3.18
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD3	17	3.18
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD21	12	3.18
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD22	12	3.18
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD23	12	3.18
(34,572)	1:10:A:ASN:HD21	1:11:A:ILE:HB	12	3.18
(33,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	9	3.18
(33,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	9	3.18
(33,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	9	3.18
(32,1914)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	11	3.18
(32,1914)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	11	3.18
(32,1914)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	11	3.18
(32,1914)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	11	3.18
(32,1707)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	2	3.18
(32,1707)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	2	3.18
(32,1706)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	1	3.18
(32,1706)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	1	3.18
(32,1585)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	9	3.18
(32,1585)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	9	3.18
(32,1585)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	9	3.18
(30,59)	1:34:A:LYS:H	1:81:A:GLU:H	6	3.18
(20,1)	1:120:A:CYS:SG	1:123:A:CYS:SG	6	3.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(19,21)	1:56:A:CYS:SG	1:59:A:CYS:CB	3	3.18
(16,2151)	1:43:A:MET:HE1	1:131:A:LEU:HB2	18	3.18
(16,2151)	1:43:A:MET:HE1	1:131:A:LEU:HB3	18	3.18
(16,2151)	1:43:A:MET:HE2	1:131:A:LEU:HB2	18	3.18
(16,2151)	1:43:A:MET:HE2	1:131:A:LEU:HB3	18	3.18
(16,2151)	1:43:A:MET:HE3	1:131:A:LEU:HB2	18	3.18
(16,2151)	1:43:A:MET:HE3	1:131:A:LEU:HB3	18	3.18
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG11	13	3.18
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG12	13	3.18
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG13	13	3.18
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	19	3.18
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	19	3.18
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	19	3.18
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	19	3.18
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	19	3.18
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	19	3.18
(15,2493)	1:144:A:LEU:HD11	1:147:A:ARG:HA	8	3.18
(15,2493)	1:144:A:LEU:HD12	1:147:A:ARG:HA	8	3.18
(15,2493)	1:144:A:LEU:HD13	1:147:A:ARG:HA	8	3.18
(15,2493)	1:144:A:LEU:HD21	1:147:A:ARG:HA	8	3.18
(15,2493)	1:144:A:LEU:HD22	1:147:A:ARG:HA	8	3.18
(15,2493)	1:144:A:LEU:HD23	1:147:A:ARG:HA	8	3.18
(15,63)	1:34:A:LYS:H	1:81:A:GLU:H	6	3.18
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD21	12	3.18
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD22	12	3.18
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD23	12	3.18
(11,64)	1:34:A:LYS:H	1:81:A:GLU:H	6	3.18
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD2	17	3.18
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD3	17	3.18
(6,1959)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	11	3.18
(6,1959)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	11	3.18
(6,1959)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	11	3.18
(6,1959)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	11	3.18
(5,2470)	1:144:A:LEU:HD11	1:147:A:ARG:HA	8	3.18
(5,2470)	1:144:A:LEU:HD12	1:147:A:ARG:HA	8	3.18
(5,2470)	1:144:A:LEU:HD13	1:147:A:ARG:HA	8	3.18
(5,2470)	1:144:A:LEU:HD21	1:147:A:ARG:HA	8	3.18
(5,2470)	1:144:A:LEU:HD22	1:147:A:ARG:HA	8	3.18
(5,2470)	1:144:A:LEU:HD23	1:147:A:ARG:HA	8	3.18
(5,1663)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	3	3.18
(5,1663)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	3	3.18
(5,1663)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	3	3.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1663)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	3	3.18
(5,1663)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	3	3.18
(5,1663)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	3	3.18
(3,1653)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	9	3.18
(3,1653)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	9	3.18
(3,1653)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	9	3.18
(2,1638)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	9	3.18
(2,1638)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	9	3.18
(2,1638)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	9	3.18
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	13	3.18
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	13	3.18
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	13	3.18
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE1	11	3.17
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE2	11	3.17
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE3	11	3.17
(34,1655)	1:31:A:PRO:HD3	1:140:A:LEU:HA	17	3.17
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD21	6	3.17
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD22	6	3.17
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD23	6	3.17
(33,1618)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	11	3.17
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	16	3.17
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	16	3.17
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	16	3.17
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	16	3.17
(32,1665)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	7	3.17
(32,1665)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	7	3.17
(32,1665)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	7	3.17
(30,1715)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	7	3.17
(30,1715)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	7	3.17
(30,1715)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	7	3.17
(30,686)	1:39:A:VAL:HB	1:144:A:LEU:H	15	3.17
(30,66)	1:33:A:LYS:HB2	1:81:A:GLU:H	2	3.17
(30,66)	1:33:A:LYS:HB3	1:81:A:GLU:H	2	3.17
(18,2054)	1:30:A:LEU:HD11	1:136:A:CYS:HA	6	3.17
(18,2054)	1:30:A:LEU:HD12	1:136:A:CYS:HA	6	3.17
(18,2054)	1:30:A:LEU:HD13	1:136:A:CYS:HA	6	3.17
(18,2054)	1:30:A:LEU:HD21	1:136:A:CYS:HA	6	3.17
(18,2054)	1:30:A:LEU:HD22	1:136:A:CYS:HA	6	3.17
(18,2054)	1:30:A:LEU:HD23	1:136:A:CYS:HA	6	3.17
(18,1695)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	7	3.17
(18,1695)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	7	3.17
(18,1695)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	7	3.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1684)	1:43:A:MET:HE1	1:131:A:LEU:HB3	7	3.17
(18,1684)	1:43:A:MET:HE2	1:131:A:LEU:HB3	7	3.17
(18,1684)	1:43:A:MET:HE3	1:131:A:LEU:HB3	7	3.17
(18,1629)	1:31:A:PRO:HD3	1:140:A:LEU:HA	17	3.17
(17,1725)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	14	3.17
(17,1723)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	7	3.17
(17,1723)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	7	3.17
(17,1723)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	7	3.17
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD11	18	3.17
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD12	18	3.17
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD13	18	3.17
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD21	18	3.17
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD22	18	3.17
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD23	18	3.17
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD11	18	3.17
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD12	18	3.17
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD13	18	3.17
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD21	18	3.17
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD22	18	3.17
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD23	18	3.17
(16,1701)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	14	3.17
(16,1615)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	11	3.17
(15,70)	1:33:A:LYS:HB2	1:81:A:GLU:H	2	3.17
(15,70)	1:33:A:LYS:HB3	1:81:A:GLU:H	2	3.17
(11,2075)	1:32:A:GLY:HA2	1:81:A:GLU:H	4	3.17
(11,2075)	1:32:A:GLY:HA3	1:81:A:GLU:H	4	3.17
(6,1711)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	7	3.17
(6,1711)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	7	3.17
(6,1711)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	7	3.17
(5,1732)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	7	3.17
(5,1732)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	7	3.17
(5,1732)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	7	3.17
(3,1741)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	7	3.17
(3,1741)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	7	3.17
(3,1741)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	7	3.17
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG11	3	3.17
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG12	3	3.17
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG13	3	3.17
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG21	3	3.17
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG22	3	3.17
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG23	3	3.17
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG11	4	3.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG12	4	3.17
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG13	4	3.17
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG21	4	3.17
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG22	4	3.17
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG23	4	3.17
(2,684)	1:39:A:VAL:HB	1:144:A:LEU:H	15	3.17
(34,1655)	1:31:A:PRO:HD3	1:140:A:LEU:HA	6	3.16
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB2	16	3.16
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB3	16	3.16
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	6	3.16
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	6	3.16
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	6	3.16
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	6	3.16
(32,1653)	1:43:A:MET:HE1	1:131:A:LEU:HA	7	3.16
(32,1653)	1:43:A:MET:HE2	1:131:A:LEU:HA	7	3.16
(32,1653)	1:43:A:MET:HE3	1:131:A:LEU:HA	7	3.16
(18,2054)	1:30:A:LEU:HD11	1:136:A:CYS:HA	16	3.16
(18,2054)	1:30:A:LEU:HD12	1:136:A:CYS:HA	16	3.16
(18,2054)	1:30:A:LEU:HD13	1:136:A:CYS:HA	16	3.16
(18,2054)	1:30:A:LEU:HD21	1:136:A:CYS:HA	16	3.16
(18,2054)	1:30:A:LEU:HD22	1:136:A:CYS:HA	16	3.16
(18,2054)	1:30:A:LEU:HD23	1:136:A:CYS:HA	16	3.16
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	18	3.16
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	18	3.16
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	18	3.16
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	18	3.16
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	18	3.16
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	18	3.16
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	18	3.16
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	18	3.16
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	18	3.16
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	18	3.16
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	18	3.16
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	18	3.16
(18,1629)	1:31:A:PRO:HD3	1:140:A:LEU:HA	6	3.16
(17,1141)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	17	3.16
(17,1141)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	17	3.16
(17,1141)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	17	3.16
(17,1141)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	17	3.16
(17,1141)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	17	3.16
(17,1141)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	17	3.16
(17,756)	1:43:A:MET:HE1	1:147:A:ARG:HE	2	3.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,756)	1:43:A:MET:HE2	1:147:A:ARG:HE	2	3.16
(17,756)	1:43:A:MET:HE3	1:147:A:ARG:HE	2	3.16
(16,1716)	1:21:A:THR:HG21	1:147:A:ARG:HE	13	3.16
(16,1716)	1:21:A:THR:HG22	1:147:A:ARG:HE	13	3.16
(16,1716)	1:21:A:THR:HG23	1:147:A:ARG:HE	13	3.16
(13,1823)	1:18:A:PHE:HA	1:113:A:PHE:HE1	12	3.16
(13,1823)	1:18:A:PHE:HA	1:113:A:PHE:HE2	12	3.16
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG21	13	3.16
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG22	13	3.16
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG23	13	3.16
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG21	13	3.16
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG22	13	3.16
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG23	13	3.16
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB2	6	3.16
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB3	6	3.16
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB2	6	3.16
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB3	6	3.16
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB2	6	3.16
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB3	6	3.16
(9,1692)	1:43:A:MET:HE1	1:131:A:LEU:HA	7	3.16
(9,1692)	1:43:A:MET:HE2	1:131:A:LEU:HA	7	3.16
(9,1692)	1:43:A:MET:HE3	1:131:A:LEU:HA	7	3.16
(5,1961)	1:10:A:ASN:HD21	1:14:A:VAL:HB	8	3.16
(5,1961)	1:10:A:ASN:HD22	1:14:A:VAL:HB	8	3.16
(3,2087)	1:32:A:GLY:HA2	1:81:A:GLU:H	7	3.16
(3,2087)	1:32:A:GLY:HA3	1:81:A:GLU:H	7	3.16
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG21	3	3.16
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG22	3	3.16
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG23	3	3.16
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD11	2	3.16
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD12	2	3.16
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD13	2	3.16
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD11	2	3.16
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD12	2	3.16
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD13	2	3.16
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD11	2	3.16
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD12	2	3.16
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD13	2	3.16
(34,1928)	1:14:A:VAL:HB	1:18:A:PHE:HZ	1	3.15
(34,156)	1:67:A:PRO:HD3	1:95:A:ILE:H	7	3.15
(32,1884)	1:14:A:VAL:HB	1:18:A:PHE:HZ	1	3.15
(30,1921)	1:14:A:VAL:HB	1:18:A:PHE:HZ	1	3.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1938)	1:14:A:VAL:HB	1:18:A:PHE:HZ	1	3.15
(20,9)	1:56:A:CYS:SG	1:127:A:CYS:SG	14	3.15
(18,1910)	1:14:A:VAL:HB	1:18:A:PHE:HZ	1	3.15
(17,1938)	1:14:A:VAL:HB	1:18:A:PHE:HZ	1	3.15
(17,1234)	1:34:A:LYS:H	1:81:A:GLU:HA	6	3.15
(16,1907)	1:14:A:VAL:HB	1:18:A:PHE:HZ	1	3.15
(15,2493)	1:144:A:LEU:HD11	1:147:A:ARG:HA	11	3.15
(15,2493)	1:144:A:LEU:HD12	1:147:A:ARG:HA	11	3.15
(15,2493)	1:144:A:LEU:HD13	1:147:A:ARG:HA	11	3.15
(15,2493)	1:144:A:LEU:HD21	1:147:A:ARG:HA	11	3.15
(15,2493)	1:144:A:LEU:HD22	1:147:A:ARG:HA	11	3.15
(15,2493)	1:144:A:LEU:HD23	1:147:A:ARG:HA	11	3.15
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	13	3.15
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	13	3.15
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	13	3.15
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	13	3.15
(9,1919)	1:14:A:VAL:HB	1:18:A:PHE:HZ	1	3.15
(7,1527)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	3	3.15
(7,1527)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	3	3.15
(7,1527)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	3	3.15
(7,1527)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	3	3.15
(7,1527)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	3	3.15
(7,1527)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	3	3.15
(5,2470)	1:144:A:LEU:HD11	1:147:A:ARG:HA	11	3.15
(5,2470)	1:144:A:LEU:HD12	1:147:A:ARG:HA	11	3.15
(5,2470)	1:144:A:LEU:HD13	1:147:A:ARG:HA	11	3.15
(5,2470)	1:144:A:LEU:HD21	1:147:A:ARG:HA	11	3.15
(5,2470)	1:144:A:LEU:HD22	1:147:A:ARG:HA	11	3.15
(5,2470)	1:144:A:LEU:HD23	1:147:A:ARG:HA	11	3.15
(4,833)	1:48:A:ARG:HD2	1:49:A:LYS:HA	12	3.15
(4,833)	1:48:A:ARG:HD3	1:49:A:LYS:HA	12	3.15
(3,2087)	1:32:A:GLY:HA2	1:81:A:GLU:H	18	3.15
(3,2087)	1:32:A:GLY:HA3	1:81:A:GLU:H	18	3.15
(3,1950)	1:14:A:VAL:HB	1:18:A:PHE:HZ	1	3.15
(2,1949)	1:14:A:VAL:HB	1:18:A:PHE:HZ	1	3.15
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG21	8	3.15
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG22	8	3.15
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG23	8	3.15
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG21	8	3.15
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG22	8	3.15
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG23	8	3.15
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG21	8	3.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG22	8	3.15
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG23	8	3.15
(34,2055)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	10	3.14
(34,2055)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	10	3.14
(34,2055)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	10	3.14
(34,2055)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	10	3.14
(34,2055)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	10	3.14
(34,2055)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	10	3.14
(34,2055)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	10	3.14
(34,2055)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	10	3.14
(34,2055)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	10	3.14
(34,2055)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	10	3.14
(34,2055)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	10	3.14
(34,2055)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	10	3.14
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD11	6	3.14
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD12	6	3.14
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD13	6	3.14
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD21	6	3.14
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD22	6	3.14
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD23	6	3.14
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD11	6	3.14
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD12	6	3.14
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD13	6	3.14
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD21	6	3.14
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD22	6	3.14
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD23	6	3.14
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD11	6	3.14
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD12	6	3.14
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD13	6	3.14
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD21	6	3.14
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD22	6	3.14
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD23	6	3.14
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	4	3.14
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	4	3.14
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	4	3.14
(34,913)	1:67:A:PRO:HD3	1:95:A:ILE:HB	13	3.14
(32,1707)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	10	3.14
(32,1707)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	10	3.14
(30,888)	1:67:A:PRO:HD3	1:95:A:ILE:HB	13	3.14
(19,14)	1:52:A:CYS:SG	1:123:A:CYS:CB	16	3.14
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD11	6	3.14
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD12	6	3.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD13	6	3.14
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD21	6	3.14
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD22	6	3.14
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD23	6	3.14
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD11	6	3.14
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD12	6	3.14
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD13	6	3.14
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD21	6	3.14
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD22	6	3.14
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD23	6	3.14
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD11	6	3.14
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD12	6	3.14
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD13	6	3.14
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD21	6	3.14
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD22	6	3.14
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD23	6	3.14
(18,1939)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	7	3.14
(18,1939)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	7	3.14
(18,1939)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	7	3.14
(18,1939)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	7	3.14
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD2	3	3.14
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD3	3	3.14
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD2	3	3.14
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD3	3	3.14
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD2	3	3.14
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD3	3	3.14
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD11	6	3.14
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD12	6	3.14
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD13	6	3.14
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD21	6	3.14
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD22	6	3.14
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD23	6	3.14
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD11	6	3.14
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD12	6	3.14
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD13	6	3.14
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD21	6	3.14
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD22	6	3.14
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD23	6	3.14
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD11	6	3.14
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD12	6	3.14
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD13	6	3.14
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD21	6	3.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD22	6	3.14
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD23	6	3.14
(3,992)	1:31:A:PRO:HB2	1:143:A:TRP:HA	15	3.14
(3,992)	1:31:A:PRO:HB3	1:143:A:TRP:HA	15	3.14
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG11	5	3.14
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG12	5	3.14
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG13	5	3.14
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG21	5	3.14
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG22	5	3.14
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG23	5	3.14
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG21	15	3.14
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG22	15	3.14
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG23	15	3.14
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG21	15	3.14
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG22	15	3.14
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG23	15	3.14
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG21	15	3.14
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG22	15	3.14
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG23	15	3.14
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG11	15	3.14
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG12	15	3.14
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG13	15	3.14
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG11	15	3.14
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG12	15	3.14
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG13	15	3.14
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG11	15	3.14
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG12	15	3.14
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG13	15	3.14
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD21	8	3.13
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD22	8	3.13
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD23	8	3.13
(33,1640)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	13	3.13
(33,1640)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	13	3.13
(33,1640)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	13	3.13
(33,1640)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	13	3.13
(33,1640)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	13	3.13
(33,1640)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	13	3.13
(33,1640)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	13	3.13
(33,1640)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	13	3.13
(33,1640)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	13	3.13
(32,1709)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	16	3.13
(32,1709)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	16	3.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1898)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	6	3.13
(18,1898)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	6	3.13
(17,1966)	1:10:A:ASN:HD21	1:14:A:VAL:HB	8	3.13
(17,1966)	1:10:A:ASN:HD22	1:14:A:VAL:HB	8	3.13
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD2	13	3.13
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD3	13	3.13
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD2	13	3.13
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD3	13	3.13
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD2	13	3.13
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD3	13	3.13
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	5	3.13
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	5	3.13
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	5	3.13
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	5	3.13
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	5	3.13
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	5	3.13
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	5	3.13
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	5	3.13
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	5	3.13
(15,2493)	1:144:A:LEU:HD11	1:147:A:ARG:HA	7	3.13
(15,2493)	1:144:A:LEU:HD12	1:147:A:ARG:HA	7	3.13
(15,2493)	1:144:A:LEU:HD13	1:147:A:ARG:HA	7	3.13
(15,2493)	1:144:A:LEU:HD21	1:147:A:ARG:HA	7	3.13
(15,2493)	1:144:A:LEU:HD22	1:147:A:ARG:HA	7	3.13
(15,2493)	1:144:A:LEU:HD23	1:147:A:ARG:HA	7	3.13
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD21	8	3.13
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD22	8	3.13
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD23	8	3.13
(6,1915)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	6	3.13
(6,1915)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	6	3.13
(5,2470)	1:144:A:LEU:HD11	1:147:A:ARG:HA	7	3.13
(5,2470)	1:144:A:LEU:HD12	1:147:A:ARG:HA	7	3.13
(5,2470)	1:144:A:LEU:HD13	1:147:A:ARG:HA	7	3.13
(5,2470)	1:144:A:LEU:HD21	1:147:A:ARG:HA	7	3.13
(5,2470)	1:144:A:LEU:HD22	1:147:A:ARG:HA	7	3.13
(5,2470)	1:144:A:LEU:HD23	1:147:A:ARG:HA	7	3.13
(5,1928)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	6	3.13
(5,1928)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	6	3.13
(4,833)	1:48:A:ARG:HD2	1:49:A:LYS:HA	10	3.13
(4,833)	1:48:A:ARG:HD3	1:49:A:LYS:HA	10	3.13
(3,863)	1:43:A:MET:HE1	1:144:A:LEU:HB3	11	3.13
(3,863)	1:43:A:MET:HE2	1:144:A:LEU:HB3	11	3.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,863)	1:43:A:MET:HE3	1:144:A:LEU:HB3	11	3.13
(1,1132)	1:31:A:PRO:HD2	1:143:A:TRP:HA	10	3.13
(34,1046)	1:34:A:LYS:H	1:81:A:GLU:HB3	6	3.12
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD11	8	3.12
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD12	8	3.12
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD13	8	3.12
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE1	18	3.12
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE2	18	3.12
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE3	18	3.12
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE1	18	3.12
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE2	18	3.12
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE3	18	3.12
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE1	18	3.12
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE2	18	3.12
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE3	18	3.12
(19,20)	1:56:A:CYS:SG	1:52:A:CYS:CB	2	3.12
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	14	3.12
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	14	3.12
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	14	3.12
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	14	3.12
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	14	3.12
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	14	3.12
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	14	3.12
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	14	3.12
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	14	3.12
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	14	3.12
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	14	3.12
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	14	3.12
(18,1343)	1:141:A:LYS:HB2	1:149:A:ALA:HA	10	3.12
(18,1343)	1:141:A:LYS:HB3	1:149:A:ALA:HA	10	3.12
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD11	6	3.12
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD12	6	3.12
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD13	6	3.12
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD11	6	3.12
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD12	6	3.12
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD13	6	3.12
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD11	6	3.12
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD12	6	3.12
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD13	6	3.12
(17,1365)	1:141:A:LYS:HB2	1:149:A:ALA:HA	10	3.12
(17,1365)	1:141:A:LYS:HB3	1:149:A:ALA:HA	10	3.12
(17,1129)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	15	3.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1129)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	15	3.12
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	14	3.12
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	14	3.12
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	14	3.12
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	14	3.12
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD21	19	3.12
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD22	19	3.12
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD23	19	3.12
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG21	14	3.12
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG22	14	3.12
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG23	14	3.12
(13,1002)	1:34:A:LYS:H	1:81:A:GLU:HB3	6	3.12
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE1	18	3.12
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE2	18	3.12
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE3	18	3.12
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE1	18	3.12
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE2	18	3.12
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE3	18	3.12
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE1	18	3.12
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE2	18	3.12
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE3	18	3.12
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	6	3.12
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	6	3.12
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	6	3.12
(4,1334)	1:141:A:LYS:HB2	1:149:A:ALA:HA	10	3.12
(4,1334)	1:141:A:LYS:HB3	1:149:A:ALA:HA	10	3.12
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE1	18	3.12
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE2	18	3.12
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE3	18	3.12
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE1	18	3.12
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE2	18	3.12
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE3	18	3.12
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE1	18	3.12
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE2	18	3.12
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE3	18	3.12
(2,2077)	1:31:A:PRO:HD2	1:143:A:TRP:HA	3	3.12
(2,2077)	1:31:A:PRO:HD3	1:143:A:TRP:HA	3	3.12
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG21	5	3.12
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG22	5	3.12
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG23	5	3.12
(2,1110)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	15	3.12
(2,1110)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	15	3.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1013)	1:34:A:LYS:H	1:81:A:GLU:HB3	6	3.12
(1,2052)	1:30:A:LEU:HD11	1:144:A:LEU:HA	19	3.12
(1,2052)	1:30:A:LEU:HD12	1:144:A:LEU:HA	19	3.12
(1,2052)	1:30:A:LEU:HD13	1:144:A:LEU:HA	19	3.12
(1,2052)	1:30:A:LEU:HD21	1:144:A:LEU:HA	19	3.12
(1,2052)	1:30:A:LEU:HD22	1:144:A:LEU:HA	19	3.12
(1,2052)	1:30:A:LEU:HD23	1:144:A:LEU:HA	19	3.12
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE1	18	3.12
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE2	18	3.12
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE3	18	3.12
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE1	18	3.12
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE2	18	3.12
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE3	18	3.12
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE1	18	3.12
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE2	18	3.12
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE3	18	3.12
(1,1353)	1:141:A:LYS:HB2	1:149:A:ALA:HA	10	3.12
(1,1353)	1:141:A:LYS:HB3	1:149:A:ALA:HA	10	3.12
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD2	19	3.11
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD3	19	3.11
(32,1312)	1:17:A:ASN:HA	1:76:A:ARG:HA	12	3.11
(18,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	4	3.11
(18,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	4	3.11
(18,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	4	3.11
(18,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	4	3.11
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	18	3.11
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	18	3.11
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	18	3.11
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD2	7	3.11
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD3	7	3.11
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD2	7	3.11
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD3	7	3.11
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD2	7	3.11
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD3	7	3.11
(16,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	7	3.11
(16,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	7	3.11
(16,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	7	3.11
(16,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	7	3.11
(16,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	7	3.11
(16,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	7	3.11
(16,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	7	3.11
(16,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	7	3.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	7	3.11
(16,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	7	3.11
(16,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	7	3.11
(16,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	7	3.11
(15,1343)	1:17:A:ASN:HA	1:76:A:ARG:HA	12	3.11
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG11	6	3.11
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG12	6	3.11
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG13	6	3.11
(9,1749)	1:39:A:VAL:HB	1:139:A:LEU:HA	15	3.11
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD2	19	3.11
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD3	19	3.11
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD11	12	3.11
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD12	12	3.11
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD13	12	3.11
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD21	12	3.11
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD22	12	3.11
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD23	12	3.11
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD11	12	3.11
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD12	12	3.11
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD13	12	3.11
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD21	12	3.11
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD22	12	3.11
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD23	12	3.11
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD11	12	3.11
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD12	12	3.11
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD13	12	3.11
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD21	12	3.11
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD22	12	3.11
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD23	12	3.11
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD11	12	3.11
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD12	12	3.11
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD13	12	3.11
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD21	12	3.11
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD22	12	3.11
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD23	12	3.11
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD11	12	3.11
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD12	12	3.11
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD13	12	3.11
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD21	12	3.11
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD22	12	3.11
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD23	12	3.11
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD11	12	3.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD12	12	3.11
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD13	12	3.11
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD21	12	3.11
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD22	12	3.11
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD23	12	3.11
(7,1690)	1:21:A:THR:HG21	1:147:A:ARG:HE	4	3.11
(7,1690)	1:21:A:THR:HG22	1:147:A:ARG:HE	4	3.11
(7,1690)	1:21:A:THR:HG23	1:147:A:ARG:HE	4	3.11
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD11	14	3.11
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD12	14	3.11
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD13	14	3.11
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD21	14	3.11
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD22	14	3.11
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD23	14	3.11
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD11	14	3.11
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD12	14	3.11
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD13	14	3.11
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD21	14	3.11
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD22	14	3.11
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD23	14	3.11
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD11	14	3.11
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD12	14	3.11
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD13	14	3.11
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD21	14	3.11
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD22	14	3.11
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD23	14	3.11
(4,833)	1:48:A:ARG:HD2	1:49:A:LYS:HA	3	3.11
(4,833)	1:48:A:ARG:HD3	1:49:A:LYS:HA	3	3.11
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG21	12	3.11
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG22	12	3.11
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG23	12	3.11
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD11	10	3.1
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD12	10	3.1
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD13	10	3.1
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD21	10	3.1
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD22	10	3.1
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD23	10	3.1
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD11	3	3.1
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD12	3	3.1
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD13	3	3.1
(30,2060)	1:31:A:PRO:HD2	1:143:A:TRP:HA	5	3.1
(30,2060)	1:31:A:PRO:HD3	1:143:A:TRP:HA	5	3.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD11	10	3.1
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD12	10	3.1
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD13	10	3.1
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD21	10	3.1
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD22	10	3.1
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD23	10	3.1
(30,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	18	3.1
(30,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	18	3.1
(30,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	18	3.1
(30,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	18	3.1
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD11	10	3.1
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD12	10	3.1
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD13	10	3.1
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD21	10	3.1
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD22	10	3.1
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD23	10	3.1
(18,1373)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	14	3.1
(18,1373)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	14	3.1
(18,1373)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	14	3.1
(18,1373)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	14	3.1
(18,1373)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	14	3.1
(18,1373)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	14	3.1
(17,1097)	1:141:A:LYS:HA	1:149:A:ALA:HB1	15	3.1
(17,1097)	1:141:A:LYS:HA	1:149:A:ALA:HB2	15	3.1
(17,1097)	1:141:A:LYS:HA	1:149:A:ALA:HB3	15	3.1
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD11	14	3.1
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD12	14	3.1
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD13	14	3.1
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD21	14	3.1
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD22	14	3.1
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD23	14	3.1
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD11	10	3.1
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD12	10	3.1
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD13	10	3.1
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD21	10	3.1
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD22	10	3.1
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD23	10	3.1
(13,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB1	15	3.1
(13,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB2	15	3.1
(13,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB3	15	3.1
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD11	14	3.1
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD12	14	3.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD13	14	3.1
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD11	14	3.1
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD12	14	3.1
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD13	14	3.1
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD11	14	3.1
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD12	14	3.1
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD13	14	3.1
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG21	13	3.1
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG22	13	3.1
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG23	13	3.1
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG21	10	3.1
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG22	10	3.1
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG23	10	3.1
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG21	10	3.1
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG22	10	3.1
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG23	10	3.1
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG21	10	3.1
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG22	10	3.1
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG23	10	3.1
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG11	10	3.1
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG12	10	3.1
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG13	10	3.1
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG11	10	3.1
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG12	10	3.1
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG13	10	3.1
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG11	10	3.1
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG12	10	3.1
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG13	10	3.1
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD11	10	3.1
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD12	10	3.1
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD13	10	3.1
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD21	10	3.1
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD22	10	3.1
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD23	10	3.1
(4,1069)	1:141:A:LYS:HA	1:149:A:ALA:HB1	15	3.1
(4,1069)	1:141:A:LYS:HA	1:149:A:ALA:HB2	15	3.1
(4,1069)	1:141:A:LYS:HA	1:149:A:ALA:HB3	15	3.1
(4,833)	1:48:A:ARG:HD2	1:49:A:LYS:HA	19	3.1
(4,833)	1:48:A:ARG:HD3	1:49:A:LYS:HA	19	3.1
(3,1875)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	4	3.1
(3,1875)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	4	3.1
(3,1875)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	4	3.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1875)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	4	3.1
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD11	10	3.1
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD12	10	3.1
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD13	10	3.1
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD21	10	3.1
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD22	10	3.1
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD23	10	3.1
(1,1449)	1:31:A:PRO:HD3	1:143:A:TRP:HA	15	3.1
(1,1100)	1:141:A:LYS:HA	1:149:A:ALA:HB1	15	3.1
(1,1100)	1:141:A:LYS:HA	1:149:A:ALA:HB2	15	3.1
(1,1100)	1:141:A:LYS:HA	1:149:A:ALA:HB3	15	3.1
(34,1248)	1:34:A:LYS:H	1:81:A:GLU:HA	19	3.09
(32,2487)	1:144:A:LEU:HD11	1:146:A:GLN:HG2	13	3.09
(32,2487)	1:144:A:LEU:HD11	1:146:A:GLN:HG3	13	3.09
(32,2487)	1:144:A:LEU:HD12	1:146:A:GLN:HG2	13	3.09
(32,2487)	1:144:A:LEU:HD12	1:146:A:GLN:HG3	13	3.09
(32,2487)	1:144:A:LEU:HD13	1:146:A:GLN:HG2	13	3.09
(32,2487)	1:144:A:LEU:HD13	1:146:A:GLN:HG3	13	3.09
(32,2487)	1:144:A:LEU:HD21	1:146:A:GLN:HG2	13	3.09
(32,2487)	1:144:A:LEU:HD21	1:146:A:GLN:HG3	13	3.09
(32,2487)	1:144:A:LEU:HD22	1:146:A:GLN:HG2	13	3.09
(32,2487)	1:144:A:LEU:HD22	1:146:A:GLN:HG3	13	3.09
(32,2487)	1:144:A:LEU:HD23	1:146:A:GLN:HG2	13	3.09
(32,2487)	1:144:A:LEU:HD23	1:146:A:GLN:HG3	13	3.09
(32,2033)	1:30:A:LEU:HD11	1:143:A:TRP:HE3	16	3.09
(32,2033)	1:30:A:LEU:HD12	1:143:A:TRP:HE3	16	3.09
(32,2033)	1:30:A:LEU:HD13	1:143:A:TRP:HE3	16	3.09
(32,2033)	1:30:A:LEU:HD21	1:143:A:TRP:HE3	16	3.09
(32,2033)	1:30:A:LEU:HD22	1:143:A:TRP:HE3	16	3.09
(32,2033)	1:30:A:LEU:HD23	1:143:A:TRP:HE3	16	3.09
(32,1190)	1:34:A:LYS:H	1:81:A:GLU:HA	19	3.09
(32,1188)	1:33:A:LYS:HB2	1:81:A:GLU:HA	9	3.09
(32,1188)	1:33:A:LYS:HB3	1:81:A:GLU:HA	9	3.09
(30,1219)	1:34:A:LYS:H	1:81:A:GLU:HA	19	3.09
(30,1217)	1:33:A:LYS:HB2	1:81:A:GLU:HA	9	3.09
(30,1217)	1:33:A:LYS:HB3	1:81:A:GLU:HA	9	3.09
(19,4)	1:123:A:CYS:SG	1:120:A:CYS:CB	4	3.09
(17,1634)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	10	3.09
(17,1634)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	10	3.09
(17,1634)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	10	3.09
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD11	3	3.09
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD12	3	3.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD13	3	3.09
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD21	3	3.09
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD22	3	3.09
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD23	3	3.09
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD11	3	3.09
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD12	3	3.09
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD13	3	3.09
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD21	3	3.09
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD22	3	3.09
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD23	3	3.09
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD11	3	3.09
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD12	3	3.09
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD13	3	3.09
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD21	3	3.09
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD22	3	3.09
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD23	3	3.09
(16,1231)	1:34:A:LYS:H	1:81:A:GLU:HA	19	3.09
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD11	2	3.09
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD12	2	3.09
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD13	2	3.09
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD11	2	3.09
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD12	2	3.09
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD13	2	3.09
(15,1224)	1:34:A:LYS:H	1:81:A:GLU:HA	19	3.09
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	7	3.09
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	7	3.09
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	7	3.09
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	7	3.09
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	7	3.09
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	7	3.09
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	7	3.09
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	7	3.09
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	7	3.09
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	7	3.09
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	7	3.09
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	7	3.09
(9,1013)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	10	3.09
(9,1013)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	10	3.09
(9,1013)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	10	3.09
(6,956)	1:11:A:ILE:HG13	1:14:A:VAL:HB	3	3.09
(3,1245)	1:34:A:LYS:H	1:81:A:GLU:HA	19	3.09
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD11	14	3.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD12	14	3.09
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD13	14	3.09
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD11	14	3.09
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD12	14	3.09
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD13	14	3.09
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD11	14	3.09
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD12	14	3.09
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD13	14	3.09
(1,2053)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	3	3.09
(1,2053)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	3	3.09
(1,2053)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	3	3.09
(1,2053)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	3	3.09
(1,2053)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	3	3.09
(1,2053)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	3	3.09
(1,2053)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	3	3.09
(1,2053)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	3	3.09
(1,2053)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	3	3.09
(1,2053)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	3	3.09
(1,2053)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	3	3.09
(1,2053)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	3	3.09
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG2	17	3.09
(1,1307)	1:68:A:LYS:HG2	1:93:A:GLU:HG3	17	3.09
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG2	17	3.09
(1,1307)	1:68:A:LYS:HG3	1:93:A:GLU:HG3	17	3.09
(1,1158)	1:39:A:VAL:HB	1:139:A:LEU:HA	17	3.09
(1,913)	1:66:A:THR:HG21	1:95:A:ILE:HB	10	3.09
(1,913)	1:66:A:THR:HG22	1:95:A:ILE:HB	10	3.09
(1,913)	1:66:A:THR:HG23	1:95:A:ILE:HB	10	3.09
(1,881)	1:8:A:ASP:HB2	1:54:A:ARG:HE	4	3.09
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	19	3.08
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	19	3.08
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	19	3.08
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	19	3.08
(32,839)	1:30:A:LEU:HB2	1:143:A:TRP:HZ3	8	3.08
(32,839)	1:30:A:LEU:HB3	1:143:A:TRP:HZ3	8	3.08
(32,823)	1:43:A:MET:HE1	1:131:A:LEU:HB3	13	3.08
(32,823)	1:43:A:MET:HE2	1:131:A:LEU:HB3	13	3.08
(32,823)	1:43:A:MET:HE3	1:131:A:LEU:HB3	13	3.08
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD11	11	3.08
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD12	11	3.08
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD13	11	3.08
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD21	11	3.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD22	11	3.08
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD23	11	3.08
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD11	11	3.08
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD12	11	3.08
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD13	11	3.08
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD21	11	3.08
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD22	11	3.08
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD23	11	3.08
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD11	11	3.08
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD12	11	3.08
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD13	11	3.08
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD21	11	3.08
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD22	11	3.08
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD23	11	3.08
(19,14)	1:52:A:CYS:SG	1:123:A:CYS:CB	1	3.08
(18,1439)	1:31:A:PRO:HD3	1:140:A:LEU:HG	9	3.08
(17,933)	1:34:A:LYS:H	1:81:A:GLU:HG2	14	3.08
(17,933)	1:34:A:LYS:H	1:81:A:GLU:HG3	14	3.08
(15,2493)	1:144:A:LEU:HD11	1:147:A:ARG:HA	9	3.08
(15,2493)	1:144:A:LEU:HD12	1:147:A:ARG:HA	9	3.08
(15,2493)	1:144:A:LEU:HD13	1:147:A:ARG:HA	9	3.08
(15,2493)	1:144:A:LEU:HD21	1:147:A:ARG:HA	9	3.08
(15,2493)	1:144:A:LEU:HD22	1:147:A:ARG:HA	9	3.08
(15,2493)	1:144:A:LEU:HD23	1:147:A:ARG:HA	9	3.08
(15,2493)	1:144:A:LEU:HD11	1:147:A:ARG:HA	15	3.08
(15,2493)	1:144:A:LEU:HD12	1:147:A:ARG:HA	15	3.08
(15,2493)	1:144:A:LEU:HD13	1:147:A:ARG:HA	15	3.08
(15,2493)	1:144:A:LEU:HD21	1:147:A:ARG:HA	15	3.08
(15,2493)	1:144:A:LEU:HD22	1:147:A:ARG:HA	15	3.08
(15,2493)	1:144:A:LEU:HD23	1:147:A:ARG:HA	15	3.08
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG11	19	3.08
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG12	19	3.08
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG13	19	3.08
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD11	6	3.08
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD12	6	3.08
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD13	6	3.08
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD11	6	3.08
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD12	6	3.08
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD13	6	3.08
(6,836)	1:43:A:MET:HE1	1:131:A:LEU:HB3	13	3.08
(6,836)	1:43:A:MET:HE2	1:131:A:LEU:HB3	13	3.08
(6,836)	1:43:A:MET:HE3	1:131:A:LEU:HB3	13	3.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2470)	1:144:A:LEU:HD11	1:147:A:ARG:HA	9	3.08
(5,2470)	1:144:A:LEU:HD12	1:147:A:ARG:HA	9	3.08
(5,2470)	1:144:A:LEU:HD13	1:147:A:ARG:HA	9	3.08
(5,2470)	1:144:A:LEU:HD21	1:147:A:ARG:HA	9	3.08
(5,2470)	1:144:A:LEU:HD22	1:147:A:ARG:HA	9	3.08
(5,2470)	1:144:A:LEU:HD23	1:147:A:ARG:HA	9	3.08
(5,2470)	1:144:A:LEU:HD11	1:147:A:ARG:HA	15	3.08
(5,2470)	1:144:A:LEU:HD12	1:147:A:ARG:HA	15	3.08
(5,2470)	1:144:A:LEU:HD13	1:147:A:ARG:HA	15	3.08
(5,2470)	1:144:A:LEU:HD21	1:147:A:ARG:HA	15	3.08
(5,2470)	1:144:A:LEU:HD22	1:147:A:ARG:HA	15	3.08
(5,2470)	1:144:A:LEU:HD23	1:147:A:ARG:HA	15	3.08
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE1	16	3.08
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE2	16	3.08
(4,841)	1:43:A:MET:HE1	1:131:A:LEU:HB3	13	3.08
(4,841)	1:43:A:MET:HE2	1:131:A:LEU:HB3	13	3.08
(4,841)	1:43:A:MET:HE3	1:131:A:LEU:HB3	13	3.08
(1,1158)	1:39:A:VAL:HB	1:139:A:LEU:HA	3	3.08
(29,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HB	15	3.07
(29,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HB	15	3.07
(20,2)	1:123:A:CYS:SG	1:127:A:CYS:SG	3	3.07
(19,21)	1:56:A:CYS:SG	1:59:A:CYS:CB	6	3.07
(19,21)	1:56:A:CYS:SG	1:59:A:CYS:CB	7	3.07
(19,8)	1:123:A:CYS:SG	1:59:A:CYS:CB	17	3.07
(18,908)	1:67:A:PRO:HD3	1:95:A:ILE:HB	9	3.07
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD11	12	3.07
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD12	12	3.07
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD13	12	3.07
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE1	17	3.07
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE2	17	3.07
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE3	17	3.07
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG21	7	3.07
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG22	7	3.07
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG23	7	3.07
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG21	9	3.07
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG22	9	3.07
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG23	9	3.07
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG21	9	3.07
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG22	9	3.07
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG23	9	3.07
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG21	9	3.07
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG22	9	3.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG23	9	3.07
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG11	9	3.07
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG12	9	3.07
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG13	9	3.07
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG11	9	3.07
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG12	9	3.07
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG13	9	3.07
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG11	9	3.07
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG12	9	3.07
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG13	9	3.07
(7,1112)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	3	3.07
(7,1112)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	3	3.07
(7,1112)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	3	3.07
(7,1112)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	3	3.07
(7,1112)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	3	3.07
(7,1112)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	3	3.07
(5,2471)	1:144:A:LEU:HD11	1:147:A:ARG:HB2	12	3.07
(5,2471)	1:144:A:LEU:HD11	1:147:A:ARG:HB3	12	3.07
(5,2471)	1:144:A:LEU:HD12	1:147:A:ARG:HB2	12	3.07
(5,2471)	1:144:A:LEU:HD12	1:147:A:ARG:HB3	12	3.07
(5,2471)	1:144:A:LEU:HD13	1:147:A:ARG:HB2	12	3.07
(5,2471)	1:144:A:LEU:HD13	1:147:A:ARG:HB3	12	3.07
(5,2471)	1:144:A:LEU:HD21	1:147:A:ARG:HB2	12	3.07
(5,2471)	1:144:A:LEU:HD21	1:147:A:ARG:HB3	12	3.07
(5,2471)	1:144:A:LEU:HD22	1:147:A:ARG:HB2	12	3.07
(5,2471)	1:144:A:LEU:HD22	1:147:A:ARG:HB3	12	3.07
(5,2471)	1:144:A:LEU:HD23	1:147:A:ARG:HB2	12	3.07
(5,2471)	1:144:A:LEU:HD23	1:147:A:ARG:HB3	12	3.07
(4,2062)	1:34:A:LYS:H	1:81:A:GLU:HB2	14	3.07
(4,2062)	1:34:A:LYS:H	1:81:A:GLU:HB3	14	3.07
(4,1117)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	3	3.07
(4,1117)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	3	3.07
(4,1117)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	3	3.07
(4,1117)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	3	3.07
(4,1117)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	3	3.07
(4,1117)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	3	3.07
(3,1143)	1:31:A:PRO:HD2	1:143:A:TRP:HA	10	3.07
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG21	2	3.07
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG22	2	3.07
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG23	2	3.07
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB2	3	3.07
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB3	3	3.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB2	3	3.07
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB3	3	3.07
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG11	11	3.06
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG12	11	3.06
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG13	11	3.06
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG21	11	3.06
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG22	11	3.06
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG23	11	3.06
(34,1973)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	4	3.06
(34,1973)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	4	3.06
(34,1973)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	4	3.06
(34,1973)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	4	3.06
(34,1973)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	4	3.06
(34,1973)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	4	3.06
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD2	5	3.06
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD3	5	3.06
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE1	13	3.06
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE2	13	3.06
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE1	13	3.06
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE2	13	3.06
(29,1993)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	4	3.06
(29,1993)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	4	3.06
(29,1993)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	4	3.06
(29,1993)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	4	3.06
(29,1993)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	4	3.06
(29,1993)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	4	3.06
(18,2044)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	10	3.06
(18,2044)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	10	3.06
(18,2044)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	10	3.06
(18,2044)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	10	3.06
(18,2044)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	10	3.06
(18,2044)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	10	3.06
(18,2044)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	10	3.06
(18,2044)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	10	3.06
(18,2044)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	10	3.06
(18,2044)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	10	3.06
(18,2044)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	10	3.06
(18,2044)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	10	3.06
(18,1972)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	4	3.06
(18,1972)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	4	3.06
(18,1972)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	4	3.06
(18,1972)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	4	3.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1972)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	4	3.06
(18,1972)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	4	3.06
(15,2493)	1:144:A:LEU:HD11	1:147:A:ARG:HA	17	3.06
(15,2493)	1:144:A:LEU:HD12	1:147:A:ARG:HA	17	3.06
(15,2493)	1:144:A:LEU:HD13	1:147:A:ARG:HA	17	3.06
(15,2493)	1:144:A:LEU:HD21	1:147:A:ARG:HA	17	3.06
(15,2493)	1:144:A:LEU:HD22	1:147:A:ARG:HA	17	3.06
(15,2493)	1:144:A:LEU:HD23	1:147:A:ARG:HA	17	3.06
(13,1933)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	4	3.06
(13,1933)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	4	3.06
(13,1933)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	4	3.06
(13,1933)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	4	3.06
(13,1933)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	4	3.06
(13,1933)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	4	3.06
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	18	3.06
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	18	3.06
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	18	3.06
(11,1994)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	4	3.06
(11,1994)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	4	3.06
(11,1994)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	4	3.06
(11,1994)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	4	3.06
(11,1994)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	4	3.06
(11,1994)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	4	3.06
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	1	3.06
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	1	3.06
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	1	3.06
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD2	5	3.06
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD3	5	3.06
(7,2010)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	10	3.06
(7,2010)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	10	3.06
(7,2010)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	10	3.06
(7,2010)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	10	3.06
(7,2010)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	10	3.06
(7,2010)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	10	3.06
(7,2010)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	10	3.06
(7,2010)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	10	3.06
(7,2010)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	10	3.06
(7,2010)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	10	3.06
(7,2010)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	10	3.06
(7,2010)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	10	3.06
(5,2470)	1:144:A:LEU:HD11	1:147:A:ARG:HA	17	3.06
(5,2470)	1:144:A:LEU:HD12	1:147:A:ARG:HA	17	3.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2470)	1:144:A:LEU:HD13	1:147:A:ARG:HA	17	3.06
(5,2470)	1:144:A:LEU:HD21	1:147:A:ARG:HA	17	3.06
(5,2470)	1:144:A:LEU:HD22	1:147:A:ARG:HA	17	3.06
(5,2470)	1:144:A:LEU:HD23	1:147:A:ARG:HA	17	3.06
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD11	18	3.06
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD12	18	3.06
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD13	18	3.06
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD21	18	3.06
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD22	18	3.06
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD23	18	3.06
(4,1960)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	4	3.06
(4,1960)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	4	3.06
(4,1960)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	4	3.06
(4,1960)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	4	3.06
(4,1960)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	4	3.06
(4,1960)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	4	3.06
(4,833)	1:48:A:ARG:HD2	1:49:A:LYS:HA	13	3.06
(4,833)	1:48:A:ARG:HD3	1:49:A:LYS:HA	13	3.06
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE1	13	3.06
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE2	13	3.06
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE1	13	3.06
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE2	13	3.06
(3,1997)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	4	3.06
(3,1997)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	4	3.06
(3,1997)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	4	3.06
(3,1997)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	4	3.06
(3,1997)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	4	3.06
(3,1997)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	4	3.06
(2,1888)	1:18:A:PHE:HA	1:113:A:PHE:HE1	12	3.06
(2,1888)	1:18:A:PHE:HA	1:113:A:PHE:HE2	12	3.06
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	14	3.06
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	14	3.06
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	14	3.06
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	14	3.06
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	14	3.06
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	14	3.06
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	14	3.06
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	14	3.06
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	14	3.06
(1,1638)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	17	3.06
(33,2494)	1:144:A:LEU:HB2	1:147:A:ARG:HE	13	3.05
(33,2494)	1:144:A:LEU:HB3	1:147:A:ARG:HE	13	3.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD21	13	3.05
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD22	13	3.05
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD23	13	3.05
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	8	3.05
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	8	3.05
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	8	3.05
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	8	3.05
(32,1709)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	8	3.05
(32,1709)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	8	3.05
(32,1084)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	1	3.05
(32,1084)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	1	3.05
(30,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	19	3.05
(30,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	19	3.05
(30,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	19	3.05
(30,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	19	3.05
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD11	3	3.05
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD12	3	3.05
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD13	3	3.05
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD21	3	3.05
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD22	3	3.05
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD23	3	3.05
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	18	3.05
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	18	3.05
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	18	3.05
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	18	3.05
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	18	3.05
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	18	3.05
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	15	3.05
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	15	3.05
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	15	3.05
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	15	3.05
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	15	3.05
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	15	3.05
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	15	3.05
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	15	3.05
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	15	3.05
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	15	3.05
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	15	3.05
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	15	3.05
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	15	3.05
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	15	3.05
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	15	3.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	15	3.05
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	15	3.05
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	15	3.05
(16,1874)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	15	3.05
(16,1874)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	15	3.05
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE1	15	3.05
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE2	15	3.05
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE3	15	3.05
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	11	3.05
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	11	3.05
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	11	3.05
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	11	3.05
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	11	3.05
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	11	3.05
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	11	3.05
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	11	3.05
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	11	3.05
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	15	3.05
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	15	3.05
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	15	3.05
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	15	3.05
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	15	3.05
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	15	3.05
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	15	3.05
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	15	3.05
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	15	3.05
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG11	1	3.05
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG12	1	3.05
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG13	1	3.05
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG21	1	3.05
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG22	1	3.05
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG23	1	3.05
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG11	1	3.05
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG12	1	3.05
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG13	1	3.05
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG21	1	3.05
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG22	1	3.05
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG23	1	3.05
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG11	1	3.05
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG12	1	3.05
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG13	1	3.05
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG21	1	3.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG22	1	3.05
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG23	1	3.05
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG11	10	3.05
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG12	10	3.05
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG13	10	3.05
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG21	10	3.05
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG22	10	3.05
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG23	10	3.05
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	17	3.05
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	17	3.05
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	17	3.05
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	17	3.05
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD11	3	3.05
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD12	3	3.05
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD13	3	3.05
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD21	3	3.05
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD22	3	3.05
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD23	3	3.05
(3,863)	1:43:A:MET:HE1	1:144:A:LEU:HB3	6	3.05
(3,863)	1:43:A:MET:HE2	1:144:A:LEU:HB3	6	3.05
(3,863)	1:43:A:MET:HE3	1:144:A:LEU:HB3	6	3.05
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG11	19	3.05
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG12	19	3.05
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG13	19	3.05
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG21	19	3.05
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG22	19	3.05
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG23	19	3.05
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	15	3.05
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	15	3.05
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	15	3.05
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	15	3.05
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	15	3.05
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	15	3.05
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	15	3.05
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	15	3.05
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	15	3.05
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	9	3.05
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	9	3.05
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	9	3.05
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	9	3.05
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	9	3.05
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	9	3.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	9	3.05
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	9	3.05
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	9	3.05
(1,1449)	1:31:A:PRO:HD3	1:143:A:TRP:HA	12	3.05
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	3	3.04
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	3	3.04
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	3	3.04
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	3	3.04
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	3	3.04
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	3	3.04
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	3	3.04
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	3	3.04
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	3	3.04
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	3	3.04
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	3	3.04
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	3	3.04
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	3	3.04
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	3	3.04
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	3	3.04
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	3	3.04
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	3	3.04
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	3	3.04
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	18	3.04
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	18	3.04
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	18	3.04
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	18	3.04
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	18	3.04
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	18	3.04
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	18	3.04
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	18	3.04
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	18	3.04
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	18	3.04
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	18	3.04
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	18	3.04
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	18	3.04
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	18	3.04
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	18	3.04
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	18	3.04
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	18	3.04
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	18	3.04
(34,1655)	1:31:A:PRO:HD3	1:140:A:LEU:HA	8	3.04
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	16	3.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	16	3.04
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	16	3.04
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	16	3.04
(33,1618)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	3	3.04
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	18	3.04
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	18	3.04
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	18	3.04
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	18	3.04
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	18	3.04
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	18	3.04
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	18	3.04
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	18	3.04
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	18	3.04
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	18	3.04
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	18	3.04
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	18	3.04
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	18	3.04
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	18	3.04
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	18	3.04
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	18	3.04
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	18	3.04
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	18	3.04
(30,1658)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	11	3.04
(30,1658)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	11	3.04
(30,1658)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	11	3.04
(30,1658)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	11	3.04
(30,1658)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	11	3.04
(30,1658)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	11	3.04
(30,1658)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	11	3.04
(30,1658)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	11	3.04
(30,1658)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	11	3.04
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD11	9	3.04
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD12	9	3.04
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD13	9	3.04
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD21	9	3.04
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD22	9	3.04
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD23	9	3.04
(19,5)	1:123:A:CYS:SG	1:127:A:CYS:CB	1	3.04
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	8	3.04
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	8	3.04
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	8	3.04
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD21	8	3.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD22	8	3.04
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD23	8	3.04
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	8	3.04
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	8	3.04
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	8	3.04
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD21	8	3.04
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD22	8	3.04
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD23	8	3.04
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	18	3.04
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	18	3.04
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	18	3.04
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	18	3.04
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	18	3.04
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	18	3.04
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	18	3.04
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	18	3.04
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	18	3.04
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	18	3.04
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	18	3.04
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	18	3.04
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	18	3.04
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	18	3.04
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	18	3.04
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	18	3.04
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	18	3.04
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	18	3.04
(18,1629)	1:31:A:PRO:HD3	1:140:A:LEU:HA	8	3.04
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE1	18	3.04
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE2	18	3.04
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE3	18	3.04
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE1	18	3.04
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE2	18	3.04
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE3	18	3.04
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE1	18	3.04
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE2	18	3.04
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE3	18	3.04
(17,2170)	1:43:A:MET:HE1	1:144:A:LEU:HB2	14	3.04
(17,2170)	1:43:A:MET:HE1	1:144:A:LEU:HB3	14	3.04
(17,2170)	1:43:A:MET:HE2	1:144:A:LEU:HB2	14	3.04
(17,2170)	1:43:A:MET:HE2	1:144:A:LEU:HB3	14	3.04
(17,2170)	1:43:A:MET:HE3	1:144:A:LEU:HB2	14	3.04
(17,2170)	1:43:A:MET:HE3	1:144:A:LEU:HB3	14	3.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	18	3.04
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	18	3.04
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	18	3.04
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	18	3.04
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	18	3.04
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	18	3.04
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	18	3.04
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	18	3.04
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	18	3.04
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	18	3.04
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	18	3.04
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	18	3.04
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	18	3.04
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	18	3.04
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	18	3.04
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	18	3.04
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	18	3.04
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	18	3.04
(16,1615)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	3	3.04
(15,956)	1:74:A:PRO:HA	1:77:A:CYS:HB2	15	3.04
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG11	11	3.04
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG12	11	3.04
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG13	11	3.04
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG21	11	3.04
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG22	11	3.04
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG23	11	3.04
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	18	3.04
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	18	3.04
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	18	3.04
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	18	3.04
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	18	3.04
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	18	3.04
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	18	3.04
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	18	3.04
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	18	3.04
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	18	3.04
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	18	3.04
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	18	3.04
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	18	3.04
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	18	3.04
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	18	3.04
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	18	3.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	18	3.04
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	18	3.04
(9,1441)	1:145:A:PRO:HD2	1:147:A:ARG:H	13	3.04
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	12	3.04
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	12	3.04
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	12	3.04
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	12	3.04
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	12	3.04
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	12	3.04
(7,1209)	1:79:A:THR:HG21	1:81:A:GLU:HA	18	3.04
(7,1209)	1:79:A:THR:HG22	1:81:A:GLU:HA	18	3.04
(7,1209)	1:79:A:THR:HG23	1:81:A:GLU:HA	18	3.04
(5,1465)	1:145:A:PRO:HD2	1:147:A:ARG:H	13	3.04
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD11	16	3.04
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD12	16	3.04
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD13	16	3.04
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD21	16	3.04
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD22	16	3.04
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD23	16	3.04
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	18	3.04
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	18	3.04
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	18	3.04
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	18	3.04
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	18	3.04
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	18	3.04
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	18	3.04
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	18	3.04
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	18	3.04
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	18	3.04
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	18	3.04
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	18	3.04
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	18	3.04
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	18	3.04
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	18	3.04
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	18	3.04
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	18	3.04
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	18	3.04
(4,1930)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	13	3.04
(4,1930)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	13	3.04
(4,1930)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	13	3.04
(4,1930)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	13	3.04
(3,992)	1:31:A:PRO:HB2	1:143:A:TRP:HA	1	3.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,992)	1:31:A:PRO:HB3	1:143:A:TRP:HA	1	3.04
(3,807)	1:11:A:ILE:HD11	1:43:A:MET:HG3	14	3.04
(3,807)	1:11:A:ILE:HD12	1:43:A:MET:HG3	14	3.04
(3,807)	1:11:A:ILE:HD13	1:43:A:MET:HG3	14	3.04
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG21	2	3.04
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG22	2	3.04
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG23	2	3.04
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG21	2	3.04
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG22	2	3.04
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG23	2	3.04
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG21	2	3.04
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG22	2	3.04
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG23	2	3.04
(1,1132)	1:31:A:PRO:HD2	1:143:A:TRP:HA	3	3.04
(1,913)	1:66:A:THR:HG21	1:95:A:ILE:HB	19	3.04
(1,913)	1:66:A:THR:HG22	1:95:A:ILE:HB	19	3.04
(1,913)	1:66:A:THR:HG23	1:95:A:ILE:HB	19	3.04
(34,1655)	1:31:A:PRO:HD3	1:140:A:LEU:HA	3	3.03
(33,1968)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	7	3.03
(33,1968)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	7	3.03
(33,1968)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	7	3.03
(33,1968)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	7	3.03
(33,1968)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	7	3.03
(33,1968)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	7	3.03
(18,1629)	1:31:A:PRO:HD3	1:140:A:LEU:HA	3	3.03
(17,2073)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	13	3.03
(17,2073)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	13	3.03
(17,2073)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	13	3.03
(17,2073)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	13	3.03
(17,154)	1:67:A:PRO:HD3	1:95:A:ILE:H	1	3.03
(16,1963)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	7	3.03
(16,1963)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	7	3.03
(16,1963)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	7	3.03
(16,1963)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	7	3.03
(16,1963)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	7	3.03
(16,1963)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	7	3.03
(13,1596)	1:12:A:VAL:HA	1:80:A:TYR:HB3	12	3.03
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD11	6	3.03
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD12	6	3.03
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD13	6	3.03
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD21	6	3.03
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD22	6	3.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD23	6	3.03
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG21	9	3.03
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG22	9	3.03
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG23	9	3.03
(6,1982)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	7	3.03
(6,1982)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	7	3.03
(6,1982)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	7	3.03
(6,1982)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	7	3.03
(6,1982)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	7	3.03
(6,1982)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	7	3.03
(6,1696)	1:43:A:MET:HE1	1:135:A:GLN:H	18	3.03
(6,1696)	1:43:A:MET:HE2	1:135:A:GLN:H	18	3.03
(6,1696)	1:43:A:MET:HE3	1:135:A:GLN:H	18	3.03
(4,1675)	1:43:A:MET:HE1	1:135:A:GLN:H	18	3.03
(4,1675)	1:43:A:MET:HE2	1:135:A:GLN:H	18	3.03
(4,1675)	1:43:A:MET:HE3	1:135:A:GLN:H	18	3.03
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD2	3	3.03
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD3	3	3.03
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD2	3	3.03
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD3	3	3.03
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD2	3	3.03
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD3	3	3.03
(2,2076)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	13	3.03
(2,2076)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	13	3.03
(2,2076)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	13	3.03
(2,2076)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	13	3.03
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG21	11	3.03
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG22	11	3.03
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG23	11	3.03
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	6	3.03
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	6	3.03
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	6	3.03
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	6	3.03
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	6	3.03
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	6	3.03
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	6	3.03
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	6	3.03
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	6	3.03
(2,1645)	1:12:A:VAL:HA	1:80:A:TYR:HB3	12	3.03
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG21	17	3.03
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG22	17	3.03
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG23	17	3.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG21	17	3.03
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG22	17	3.03
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG23	17	3.03
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG21	17	3.03
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG22	17	3.03
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG23	17	3.03
(1,162)	1:67:A:PRO:HD3	1:95:A:ILE:H	1	3.03
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG11	7	3.02
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG12	7	3.02
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG13	7	3.02
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG21	7	3.02
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG22	7	3.02
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG23	7	3.02
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG11	7	3.02
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG12	7	3.02
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG13	7	3.02
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG21	7	3.02
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG22	7	3.02
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG23	7	3.02
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG11	7	3.02
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG12	7	3.02
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG13	7	3.02
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG21	7	3.02
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG22	7	3.02
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG23	7	3.02
(32,1709)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	6	3.02
(32,1709)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	6	3.02
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG11	7	3.02
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG12	7	3.02
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG13	7	3.02
(30,856)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	6	3.02
(30,856)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	6	3.02
(19,21)	1:56:A:CYS:SG	1:59:A:CYS:CB	12	3.02
(19,14)	1:52:A:CYS:SG	1:123:A:CYS:CB	7	3.02
(19,8)	1:123:A:CYS:SG	1:59:A:CYS:CB	16	3.02
(17,2049)	1:23:A:LEU:HB2	1:146:A:GLN:HG2	16	3.02
(17,2049)	1:23:A:LEU:HB2	1:146:A:GLN:HG3	16	3.02
(17,2049)	1:23:A:LEU:HB3	1:146:A:GLN:HG2	16	3.02
(17,2049)	1:23:A:LEU:HB3	1:146:A:GLN:HG3	16	3.02
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD11	13	3.02
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD12	13	3.02
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD13	13	3.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,944)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	6	3.02
(16,944)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	6	3.02
(7,1994)	1:23:A:LEU:HB2	1:146:A:GLN:HG2	16	3.02
(7,1994)	1:23:A:LEU:HB2	1:146:A:GLN:HG3	16	3.02
(7,1994)	1:23:A:LEU:HB3	1:146:A:GLN:HG2	16	3.02
(7,1994)	1:23:A:LEU:HB3	1:146:A:GLN:HG3	16	3.02
(6,956)	1:11:A:ILE:HG13	1:14:A:VAL:HB	19	3.02
(5,969)	1:11:A:ILE:HG12	1:14:A:VAL:HB	14	3.02
(3,2088)	1:34:A:LYS:H	1:81:A:GLU:HB2	14	3.02
(3,2088)	1:34:A:LYS:H	1:81:A:GLU:HB3	14	3.02
(3,2044)	1:17:A:ASN:HD21	1:78:A:HIS:H	17	3.02
(3,2044)	1:17:A:ASN:HD22	1:78:A:HIS:H	17	3.02
(3,1010)	1:35:A:LEU:HG	1:143:A:TRP:HB3	9	3.02
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	11	3.01
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	11	3.01
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	11	3.01
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	11	3.01
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	11	3.01
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	11	3.01
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	11	3.01
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	11	3.01
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	11	3.01
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	11	3.01
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	11	3.01
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	11	3.01
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	11	3.01
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	11	3.01
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	11	3.01
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	11	3.01
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	11	3.01
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	11	3.01
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	13	3.01
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	13	3.01
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	13	3.01
(33,2497)	1:144:A:LEU:HD11	1:147:A:ARG:HB2	12	3.01
(33,2497)	1:144:A:LEU:HD11	1:147:A:ARG:HB3	12	3.01
(33,2497)	1:144:A:LEU:HD12	1:147:A:ARG:HB2	12	3.01
(33,2497)	1:144:A:LEU:HD12	1:147:A:ARG:HB3	12	3.01
(33,2497)	1:144:A:LEU:HD13	1:147:A:ARG:HB2	12	3.01
(33,2497)	1:144:A:LEU:HD13	1:147:A:ARG:HB3	12	3.01
(33,2497)	1:144:A:LEU:HD21	1:147:A:ARG:HB2	12	3.01
(33,2497)	1:144:A:LEU:HD21	1:147:A:ARG:HB3	12	3.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2497)	1:144:A:LEU:HD22	1:147:A:ARG:HB2	12	3.01
(33,2497)	1:144:A:LEU:HD22	1:147:A:ARG:HB3	12	3.01
(33,2497)	1:144:A:LEU:HD23	1:147:A:ARG:HB2	12	3.01
(33,2497)	1:144:A:LEU:HD23	1:147:A:ARG:HB3	12	3.01
(32,1706)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	17	3.01
(32,1706)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	17	3.01
(32,1188)	1:33:A:LYS:HB2	1:81:A:GLU:HA	8	3.01
(32,1188)	1:33:A:LYS:HB3	1:81:A:GLU:HA	8	3.01
(30,1347)	1:141:A:LYS:HB2	1:149:A:ALA:HA	10	3.01
(30,1347)	1:141:A:LYS:HB3	1:149:A:ALA:HA	10	3.01
(30,1217)	1:33:A:LYS:HB2	1:81:A:GLU:HA	8	3.01
(30,1217)	1:33:A:LYS:HB3	1:81:A:GLU:HA	8	3.01
(29,1711)	1:53:A:THR:H	1:124:A:THR:HB	9	3.01
(19,21)	1:56:A:CYS:SG	1:59:A:CYS:CB	11	3.01
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	11	3.01
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	11	3.01
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	11	3.01
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	11	3.01
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	11	3.01
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	11	3.01
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	11	3.01
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	11	3.01
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	11	3.01
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	11	3.01
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	11	3.01
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	11	3.01
(13,1596)	1:12:A:VAL:HA	1:80:A:TYR:HB3	3	3.01
(6,956)	1:11:A:ILE:HG13	1:14:A:VAL:HB	9	3.01
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD11	9	3.01
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD12	9	3.01
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD13	9	3.01
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD21	9	3.01
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD22	9	3.01
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD23	9	3.01
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD2	16	3.01
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD3	16	3.01
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD2	16	3.01
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD3	16	3.01
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD2	16	3.01
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD3	16	3.01
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG21	13	3.01
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG22	13	3.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG23	13	3.01
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD11	7	3.01
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD12	7	3.01
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD13	7	3.01
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD21	7	3.01
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD22	7	3.01
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD23	7	3.01
(3,861)	1:43:A:MET:HE1	1:144:A:LEU:HB2	14	3.01
(3,861)	1:43:A:MET:HE2	1:144:A:LEU:HB2	14	3.01
(3,861)	1:43:A:MET:HE3	1:144:A:LEU:HB2	14	3.01
(2,1645)	1:12:A:VAL:HA	1:80:A:TYR:HB3	3	3.01
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	12	3.01
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	12	3.01
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	12	3.01
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	12	3.01
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	12	3.01
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	12	3.01
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE1	1	3.0
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE2	1	3.0
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE3	1	3.0
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	9	3.0
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	9	3.0
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	9	3.0
(19,21)	1:56:A:CYS:SG	1:59:A:CYS:CB	14	3.0
(19,14)	1:52:A:CYS:SG	1:123:A:CYS:CB	13	3.0
(19,14)	1:52:A:CYS:SG	1:123:A:CYS:CB	18	3.0
(17,1725)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	15	3.0
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD11	15	3.0
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD12	15	3.0
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD13	15	3.0
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD21	15	3.0
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD22	15	3.0
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD23	15	3.0
(16,1701)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	15	3.0
(15,762)	1:13:A:ALA:HB1	1:34:A:LYS:H	1	3.0
(15,762)	1:13:A:ALA:HB2	1:34:A:LYS:H	1	3.0
(15,762)	1:13:A:ALA:HB3	1:34:A:LYS:H	1	3.0
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	9	3.0
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	9	3.0
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	9	3.0
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG21	1	3.0
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG22	1	3.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG23	1	3.0
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD21	6	3.0
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD22	6	3.0
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD23	6	3.0
(3,1122)	1:31:A:PRO:HG2	1:143:A:TRP:HA	1	3.0
(3,1122)	1:31:A:PRO:HG3	1:143:A:TRP:HA	1	3.0
(2,841)	1:43:A:MET:HE1	1:144:A:LEU:HB2	11	3.0
(2,841)	1:43:A:MET:HE2	1:144:A:LEU:HB2	11	3.0
(2,841)	1:43:A:MET:HE3	1:144:A:LEU:HB2	11	3.0
(2,841)	1:43:A:MET:HE1	1:144:A:LEU:HB3	11	3.0
(2,841)	1:43:A:MET:HE2	1:144:A:LEU:HB3	11	3.0
(2,841)	1:43:A:MET:HE3	1:144:A:LEU:HB3	11	3.0
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG11	1	3.0
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG12	1	3.0
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG13	1	3.0
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG21	1	3.0
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG22	1	3.0
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG23	1	3.0
(1,1736)	1:20:A:THR:HG21	1:134:A:VAL:HB	1	3.0
(1,1736)	1:20:A:THR:HG22	1:134:A:VAL:HB	1	3.0
(1,1736)	1:20:A:THR:HG23	1:134:A:VAL:HB	1	3.0
(1,1449)	1:31:A:PRO:HD3	1:143:A:TRP:HA	13	3.0
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD2	4	2.99
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD3	4	2.99
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD21	5	2.99
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD22	5	2.99
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD23	5	2.99
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG11	7	2.99
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG12	7	2.99
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG13	7	2.99
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG21	7	2.99
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG22	7	2.99
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG23	7	2.99
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG11	7	2.99
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG12	7	2.99
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG13	7	2.99
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG21	7	2.99
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG22	7	2.99
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG23	7	2.99
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG11	7	2.99
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG12	7	2.99
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG13	7	2.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG21	7	2.99
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG22	7	2.99
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG23	7	2.99
(32,1084)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	10	2.99
(32,1084)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	10	2.99
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE1	12	2.99
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE2	12	2.99
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD21	14	2.99
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD22	14	2.99
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD23	14	2.99
(19,5)	1:123:A:CYS:SG	1:127:A:CYS:CB	2	2.99
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	6	2.99
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	6	2.99
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	6	2.99
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	6	2.99
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	6	2.99
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	6	2.99
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	6	2.99
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	6	2.99
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	6	2.99
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	6	2.99
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	6	2.99
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	6	2.99
(18,1898)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	4	2.99
(18,1898)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	4	2.99
(18,1898)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	18	2.99
(18,1898)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	18	2.99
(18,931)	1:108:A:GLU:HG3	1:112:A:GLN:H	16	2.99
(17,1112)	1:31:A:PRO:HG2	1:143:A:TRP:HA	1	2.99
(17,1112)	1:31:A:PRO:HG3	1:143:A:TRP:HA	1	2.99
(17,60)	1:34:A:LYS:H	1:81:A:GLU:H	14	2.99
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	8	2.99
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	8	2.99
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	8	2.99
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	8	2.99
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	8	2.99
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	8	2.99
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	8	2.99
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	8	2.99
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	8	2.99
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	8	2.99
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	8	2.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	8	2.99
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	8	2.99
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	8	2.99
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	8	2.99
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	8	2.99
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	8	2.99
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	8	2.99
(13,57)	1:34:A:LYS:H	1:81:A:GLU:H	14	2.99
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	14	2.99
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	14	2.99
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	14	2.99
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	14	2.99
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD21	14	2.99
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD22	14	2.99
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD23	14	2.99
(11,974)	1:11:A:ILE:HG12	1:14:A:VAL:HB	14	2.99
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD2	4	2.99
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD3	4	2.99
(6,1915)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	4	2.99
(6,1915)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	4	2.99
(6,1915)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	18	2.99
(6,1915)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	18	2.99
(5,1928)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	4	2.99
(5,1928)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	4	2.99
(5,1928)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	18	2.99
(5,1928)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	18	2.99
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE1	17	2.99
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE2	17	2.99
(3,1157)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	3	2.99
(3,1157)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	3	2.99
(3,1157)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	3	2.99
(3,1157)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	3	2.99
(3,1157)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	3	2.99
(3,1157)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	3	2.99
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD21	14	2.99
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD22	14	2.99
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD23	14	2.99
(1,1076)	1:66:A:THR:HG21	1:95:A:ILE:HA	12	2.99
(1,1076)	1:66:A:THR:HG22	1:95:A:ILE:HA	12	2.99
(1,1076)	1:66:A:THR:HG23	1:95:A:ILE:HA	12	2.99
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD11	16	2.98
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD12	16	2.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD13	16	2.98
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD21	16	2.98
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD22	16	2.98
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD23	16	2.98
(33,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	6	2.98
(33,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	6	2.98
(33,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	6	2.98
(32,1784)	1:9:A:PHE:HZ	1:54:A:ARG:HE	17	2.98
(32,1585)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	6	2.98
(32,1585)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	6	2.98
(32,1585)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	6	2.98
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG11	7	2.98
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG12	7	2.98
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG13	7	2.98
(19,19)	1:56:A:CYS:SG	1:127:A:CYS:CB	4	2.98
(19,7)	1:123:A:CYS:SG	1:56:A:CYS:CB	13	2.98
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD11	16	2.98
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD12	16	2.98
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD13	16	2.98
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD21	16	2.98
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD22	16	2.98
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD23	16	2.98
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	12	2.98
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	12	2.98
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	12	2.98
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	12	2.98
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	12	2.98
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	12	2.98
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	10	2.98
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	10	2.98
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	10	2.98
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD11	15	2.98
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD12	15	2.98
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD13	15	2.98
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD21	15	2.98
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD22	15	2.98
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD23	15	2.98
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD11	15	2.98
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD12	15	2.98
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD13	15	2.98
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD21	15	2.98
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD22	15	2.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD23	15	2.98
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD11	15	2.98
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD12	15	2.98
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD13	15	2.98
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD21	15	2.98
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD22	15	2.98
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD23	15	2.98
(16,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB2	14	2.98
(16,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB2	14	2.98
(16,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB2	14	2.98
(16,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB2	14	2.98
(16,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB2	14	2.98
(16,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB2	14	2.98
(16,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB3	14	2.98
(16,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB3	14	2.98
(16,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB3	14	2.98
(16,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB3	14	2.98
(16,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB3	14	2.98
(16,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB3	14	2.98
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD11	16	2.98
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD12	16	2.98
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD13	16	2.98
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD21	16	2.98
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD22	16	2.98
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD23	16	2.98
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	5	2.98
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	5	2.98
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	5	2.98
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	5	2.98
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	10	2.98
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	10	2.98
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	10	2.98
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	18	2.98
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	18	2.98
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	18	2.98
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	18	2.98
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	18	2.98
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	18	2.98
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	18	2.98
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	18	2.98
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	18	2.98
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	18	2.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	18	2.98
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	18	2.98
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD11	16	2.98
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD12	16	2.98
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD13	16	2.98
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD21	16	2.98
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD22	16	2.98
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD23	16	2.98
(7,2004)	1:27:A:ARG:HA	1:31:A:PRO:HD2	15	2.98
(7,2004)	1:27:A:ARG:HA	1:31:A:PRO:HD3	15	2.98
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD11	6	2.98
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD12	6	2.98
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD13	6	2.98
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD21	6	2.98
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD22	6	2.98
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD23	6	2.98
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD11	6	2.98
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD12	6	2.98
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD13	6	2.98
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD21	6	2.98
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD22	6	2.98
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD23	6	2.98
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD11	6	2.98
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD12	6	2.98
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD13	6	2.98
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD21	6	2.98
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD22	6	2.98
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD23	6	2.98
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD11	16	2.98
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD12	16	2.98
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD13	16	2.98
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD21	16	2.98
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD22	16	2.98
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD23	16	2.98
(4,1930)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	17	2.98
(4,1930)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	17	2.98
(4,1930)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	17	2.98
(4,1930)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	17	2.98
(3,1847)	1:9:A:PHE:HZ	1:54:A:ARG:HE	17	2.98
(3,1653)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	6	2.98
(3,1653)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	6	2.98
(3,1653)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	6	2.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD21	1	2.98
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD22	1	2.98
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD23	1	2.98
(3,1143)	1:31:A:PRO:HD2	1:143:A:TRP:HA	3	2.98
(2,1638)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	6	2.98
(2,1638)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	6	2.98
(2,1638)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	6	2.98
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD21	16	2.98
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD22	16	2.98
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD23	16	2.98
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	17	2.98
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	17	2.98
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	17	2.98
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	17	2.98
(34,908)	1:10:A:ASN:HD22	1:11:A:ILE:HB	14	2.97
(33,2496)	1:144:A:LEU:HD11	1:147:A:ARG:H	13	2.97
(33,2496)	1:144:A:LEU:HD12	1:147:A:ARG:H	13	2.97
(33,2496)	1:144:A:LEU:HD13	1:147:A:ARG:H	13	2.97
(33,2496)	1:144:A:LEU:HD21	1:147:A:ARG:H	13	2.97
(33,2496)	1:144:A:LEU:HD22	1:147:A:ARG:H	13	2.97
(33,2496)	1:144:A:LEU:HD23	1:147:A:ARG:H	13	2.97
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	10	2.97
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	10	2.97
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	10	2.97
(29,2442)	1:144:A:LEU:HD11	1:147:A:ARG:H	13	2.97
(29,2442)	1:144:A:LEU:HD12	1:147:A:ARG:H	13	2.97
(29,2442)	1:144:A:LEU:HD13	1:147:A:ARG:H	13	2.97
(29,2442)	1:144:A:LEU:HD21	1:147:A:ARG:H	13	2.97
(29,2442)	1:144:A:LEU:HD22	1:147:A:ARG:H	13	2.97
(29,2442)	1:144:A:LEU:HD23	1:147:A:ARG:H	13	2.97
(20,6)	1:52:A:CYS:SG	1:56:A:CYS:SG	15	2.97
(19,5)	1:123:A:CYS:SG	1:127:A:CYS:CB	10	2.97
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	7	2.97
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	7	2.97
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	7	2.97
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	7	2.97
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	7	2.97
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	7	2.97
(17,2480)	1:144:A:LEU:HD11	1:147:A:ARG:H	13	2.97
(17,2480)	1:144:A:LEU:HD12	1:147:A:ARG:H	13	2.97
(17,2480)	1:144:A:LEU:HD13	1:147:A:ARG:H	13	2.97
(17,2480)	1:144:A:LEU:HD21	1:147:A:ARG:H	13	2.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2480)	1:144:A:LEU:HD22	1:147:A:ARG:H	13	2.97
(17,2480)	1:144:A:LEU:HD23	1:147:A:ARG:H	13	2.97
(17,2069)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	2	2.97
(17,2069)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	2	2.97
(17,2069)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	2	2.97
(17,2069)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	2	2.97
(17,2069)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	2	2.97
(17,2069)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	2	2.97
(17,2069)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	2	2.97
(17,2069)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	2	2.97
(17,2069)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	2	2.97
(17,2069)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	2	2.97
(17,2069)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	2	2.97
(17,2069)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	2	2.97
(16,2059)	1:30:A:LEU:HD11	1:79:A:THR:HA	3	2.97
(16,2059)	1:30:A:LEU:HD12	1:79:A:THR:HA	3	2.97
(16,2059)	1:30:A:LEU:HD13	1:79:A:THR:HA	3	2.97
(16,2059)	1:30:A:LEU:HD21	1:79:A:THR:HA	3	2.97
(16,2059)	1:30:A:LEU:HD22	1:79:A:THR:HA	3	2.97
(16,2059)	1:30:A:LEU:HD23	1:79:A:THR:HA	3	2.97
(16,1834)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	14	2.97
(16,1834)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	14	2.97
(16,1834)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	14	2.97
(16,1834)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	14	2.97
(16,1013)	1:35:A:LEU:HG	1:143:A:TRP:HB3	9	2.97
(15,2492)	1:144:A:LEU:HD11	1:147:A:ARG:H	13	2.97
(15,2492)	1:144:A:LEU:HD12	1:147:A:ARG:H	13	2.97
(15,2492)	1:144:A:LEU:HD13	1:147:A:ARG:H	13	2.97
(15,2492)	1:144:A:LEU:HD21	1:147:A:ARG:H	13	2.97
(15,2492)	1:144:A:LEU:HD22	1:147:A:ARG:H	13	2.97
(15,2492)	1:144:A:LEU:HD23	1:147:A:ARG:H	13	2.97
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	11	2.97
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	11	2.97
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	11	2.97
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	11	2.97
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	11	2.97
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	11	2.97
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	11	2.97
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	11	2.97
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	11	2.97
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	11	2.97
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	11	2.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	11	2.97
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	11	2.97
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	11	2.97
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	11	2.97
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	11	2.97
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	11	2.97
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	11	2.97
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	8	2.97
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	8	2.97
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	8	2.97
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	8	2.97
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	8	2.97
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	8	2.97
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	8	2.97
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	8	2.97
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	8	2.97
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE1	18	2.97
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE2	18	2.97
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE3	18	2.97
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE1	18	2.97
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE2	18	2.97
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE3	18	2.97
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE1	18	2.97
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE2	18	2.97
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE3	18	2.97
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	14	2.97
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	14	2.97
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	14	2.97
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	16	2.97
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	16	2.97
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	16	2.97
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD2	3	2.97
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD3	3	2.97
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD2	3	2.97
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD3	3	2.97
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD2	3	2.97
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD3	3	2.97
(9,2430)	1:144:A:LEU:HD11	1:147:A:ARG:H	13	2.97
(9,2430)	1:144:A:LEU:HD12	1:147:A:ARG:H	13	2.97
(9,2430)	1:144:A:LEU:HD13	1:147:A:ARG:H	13	2.97
(9,2430)	1:144:A:LEU:HD21	1:147:A:ARG:H	13	2.97
(9,2430)	1:144:A:LEU:HD22	1:147:A:ARG:H	13	2.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2430)	1:144:A:LEU:HD23	1:147:A:ARG:H	13	2.97
(9,2001)	1:17:A:ASN:HD21	1:78:A:HIS:H	17	2.97
(9,2001)	1:17:A:ASN:HD22	1:78:A:HIS:H	17	2.97
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	10	2.97
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	10	2.97
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	10	2.97
(6,2028)	1:17:A:ASN:HD21	1:78:A:HIS:H	17	2.97
(6,2028)	1:17:A:ASN:HD22	1:78:A:HIS:H	17	2.97
(6,1505)	1:43:A:MET:HE1	1:46:A:ASN:HB2	18	2.97
(6,1505)	1:43:A:MET:HE2	1:46:A:ASN:HB2	18	2.97
(6,1505)	1:43:A:MET:HE3	1:46:A:ASN:HB2	18	2.97
(5,2469)	1:144:A:LEU:HD11	1:147:A:ARG:H	13	2.97
(5,2469)	1:144:A:LEU:HD12	1:147:A:ARG:H	13	2.97
(5,2469)	1:144:A:LEU:HD13	1:147:A:ARG:H	13	2.97
(5,2469)	1:144:A:LEU:HD21	1:147:A:ARG:H	13	2.97
(5,2469)	1:144:A:LEU:HD22	1:147:A:ARG:H	13	2.97
(5,2469)	1:144:A:LEU:HD23	1:147:A:ARG:H	13	2.97
(5,1961)	1:10:A:ASN:HD21	1:14:A:VAL:HB	15	2.97
(5,1961)	1:10:A:ASN:HD22	1:14:A:VAL:HB	15	2.97
(5,52)	1:47:A:ALA:H	1:134:A:VAL:HG11	11	2.97
(5,52)	1:47:A:ALA:H	1:134:A:VAL:HG12	11	2.97
(5,52)	1:47:A:ALA:H	1:134:A:VAL:HG13	11	2.97
(4,1882)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	7	2.97
(4,1882)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	7	2.97
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD2	7	2.97
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD3	7	2.97
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD2	7	2.97
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD3	7	2.97
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD2	7	2.97
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD3	7	2.97
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	1	2.97
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	1	2.97
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	1	2.97
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	1	2.97
(1,1626)	1:21:A:THR:HB	1:24:A:ASP:HA	16	2.97
(1,913)	1:66:A:THR:HG21	1:95:A:ILE:HB	4	2.97
(1,913)	1:66:A:THR:HG22	1:95:A:ILE:HB	4	2.97
(1,913)	1:66:A:THR:HG23	1:95:A:ILE:HB	4	2.97
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE1	8	2.96
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE2	8	2.96
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE3	8	2.96
(33,981)	1:15:A:ALA:HB1	1:134:A:VAL:HB	7	2.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,981)	1:15:A:ALA:HB2	1:134:A:VAL:HB	7	2.96
(33,981)	1:15:A:ALA:HB3	1:134:A:VAL:HB	7	2.96
(32,1706)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	19	2.96
(32,1706)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	19	2.96
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD11	19	2.96
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD12	19	2.96
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD13	19	2.96
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD11	19	2.96
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD12	19	2.96
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD13	19	2.96
(30,1953)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	10	2.96
(30,1953)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	10	2.96
(30,1953)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	10	2.96
(30,1953)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	10	2.96
(17,154)	1:67:A:PRO:HD3	1:95:A:ILE:H	12	2.96
(16,1393)	1:19:A:ALA:HB1	1:132:A:ALA:HA	13	2.96
(16,1393)	1:19:A:ALA:HB2	1:132:A:ALA:HA	13	2.96
(16,1393)	1:19:A:ALA:HB3	1:132:A:ALA:HA	13	2.96
(15,1931)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	10	2.96
(15,1931)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	10	2.96
(15,1931)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	10	2.96
(15,1931)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	10	2.96
(7,960)	1:15:A:ALA:HB1	1:134:A:VAL:HB	7	2.96
(7,960)	1:15:A:ALA:HB2	1:134:A:VAL:HB	7	2.96
(7,960)	1:15:A:ALA:HB3	1:134:A:VAL:HB	7	2.96
(6,963)	1:15:A:ALA:HB1	1:134:A:VAL:HB	7	2.96
(6,963)	1:15:A:ALA:HB2	1:134:A:VAL:HB	7	2.96
(6,963)	1:15:A:ALA:HB3	1:134:A:VAL:HB	7	2.96
(5,994)	1:35:A:LEU:HG	1:143:A:TRP:HB3	9	2.96
(4,965)	1:15:A:ALA:HB1	1:134:A:VAL:HB	7	2.96
(4,965)	1:15:A:ALA:HB2	1:134:A:VAL:HB	7	2.96
(4,965)	1:15:A:ALA:HB3	1:134:A:VAL:HB	7	2.96
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	14	2.96
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	14	2.96
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	14	2.96
(2,1136)	1:10:A:ASN:HD22	1:80:A:TYR:HA	5	2.96
(1,1876)	1:18:A:PHE:HD1	1:113:A:PHE:HE1	17	2.96
(1,1876)	1:18:A:PHE:HD1	1:113:A:PHE:HE2	17	2.96
(1,1876)	1:18:A:PHE:HD2	1:113:A:PHE:HE1	17	2.96
(1,1876)	1:18:A:PHE:HD2	1:113:A:PHE:HE2	17	2.96
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG21	19	2.96
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG22	19	2.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG23	19	2.96
(1,1076)	1:66:A:THR:HG21	1:95:A:ILE:HA	13	2.96
(1,1076)	1:66:A:THR:HG22	1:95:A:ILE:HA	13	2.96
(1,1076)	1:66:A:THR:HG23	1:95:A:ILE:HA	13	2.96
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB2	9	2.96
(1,1032)	1:68:A:LYS:HE2	1:93:A:GLU:HB3	9	2.96
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB2	9	2.96
(1,1032)	1:68:A:LYS:HE3	1:93:A:GLU:HB3	9	2.96
(1,162)	1:67:A:PRO:HD3	1:95:A:ILE:H	12	2.96
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	2	2.95
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	2	2.95
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	2	2.95
(32,1188)	1:33:A:LYS:HB2	1:81:A:GLU:HA	17	2.95
(32,1188)	1:33:A:LYS:HB3	1:81:A:GLU:HA	17	2.95
(30,1217)	1:33:A:LYS:HB2	1:81:A:GLU:HA	17	2.95
(30,1217)	1:33:A:LYS:HB3	1:81:A:GLU:HA	17	2.95
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD11	6	2.95
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD12	6	2.95
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD13	6	2.95
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD21	6	2.95
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD22	6	2.95
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD23	6	2.95
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD21	3	2.95
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD22	3	2.95
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD23	3	2.95
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD21	3	2.95
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD22	3	2.95
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD23	3	2.95
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD21	3	2.95
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD22	3	2.95
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD23	3	2.95
(17,1129)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	12	2.95
(17,1129)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	12	2.95
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD11	11	2.95
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD12	11	2.95
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD13	11	2.95
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD21	11	2.95
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD22	11	2.95
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD23	11	2.95
(16,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	6	2.95
(16,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	6	2.95
(16,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	6	2.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	6	2.95
(16,54)	1:47:A:ALA:H	1:134:A:VAL:HG11	11	2.95
(16,54)	1:47:A:ALA:H	1:134:A:VAL:HG12	11	2.95
(16,54)	1:47:A:ALA:H	1:134:A:VAL:HG13	11	2.95
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD2	11	2.95
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD3	11	2.95
(15,1386)	1:19:A:ALA:HB1	1:132:A:ALA:HA	13	2.95
(15,1386)	1:19:A:ALA:HB2	1:132:A:ALA:HA	13	2.95
(15,1386)	1:19:A:ALA:HB3	1:132:A:ALA:HA	13	2.95
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	4	2.95
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	4	2.95
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	4	2.95
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	4	2.95
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	4	2.95
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	4	2.95
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	4	2.95
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	4	2.95
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	4	2.95
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	4	2.95
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	4	2.95
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	4	2.95
(9,2027)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	10	2.95
(9,2027)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	10	2.95
(9,2027)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	10	2.95
(9,2027)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	10	2.95
(9,2027)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	10	2.95
(9,2027)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	10	2.95
(9,2027)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	10	2.95
(9,2027)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	10	2.95
(9,2027)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	10	2.95
(9,2027)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	10	2.95
(9,2027)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	10	2.95
(9,2027)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	10	2.95
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	2	2.95
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	2	2.95
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	2	2.95
(7,1004)	1:34:A:LYS:H	1:81:A:GLU:HB3	6	2.95
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD2	11	2.95
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD3	11	2.95
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD2	16	2.95
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD3	16	2.95
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD2	16	2.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD3	16	2.95
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD2	16	2.95
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD3	16	2.95
(5,936)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	3	2.95
(5,936)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	3	2.95
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE1	4	2.95
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE2	4	2.95
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	13	2.95
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	13	2.95
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	13	2.95
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD21	14	2.95
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD22	14	2.95
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD23	14	2.95
(3,1414)	1:19:A:ALA:HB1	1:132:A:ALA:HA	13	2.95
(3,1414)	1:19:A:ALA:HB2	1:132:A:ALA:HA	13	2.95
(3,1414)	1:19:A:ALA:HB3	1:132:A:ALA:HA	13	2.95
(3,1122)	1:31:A:PRO:HG2	1:143:A:TRP:HA	12	2.95
(3,1122)	1:31:A:PRO:HG3	1:143:A:TRP:HA	12	2.95
(3,861)	1:43:A:MET:HE1	1:144:A:LEU:HB2	6	2.95
(3,861)	1:43:A:MET:HE2	1:144:A:LEU:HB2	6	2.95
(3,861)	1:43:A:MET:HE3	1:144:A:LEU:HB2	6	2.95
(2,1110)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	12	2.95
(2,1110)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	12	2.95
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG21	3	2.95
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG22	3	2.95
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG23	3	2.95
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG21	12	2.95
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG22	12	2.95
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG23	12	2.95
(34,1046)	1:34:A:LYS:H	1:81:A:GLU:HB3	19	2.94
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	1	2.94
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	1	2.94
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	1	2.94
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	1	2.94
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	4	2.94
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	4	2.94
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	4	2.94
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	4	2.94
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	4	2.94
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	4	2.94
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	4	2.94
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	4	2.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	4	2.94
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	4	2.94
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	4	2.94
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	4	2.94
(33,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB2	14	2.94
(33,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB2	14	2.94
(33,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB2	14	2.94
(33,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB2	14	2.94
(33,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB2	14	2.94
(33,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB2	14	2.94
(33,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB3	14	2.94
(33,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB3	14	2.94
(33,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB3	14	2.94
(33,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB3	14	2.94
(33,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB3	14	2.94
(33,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB3	14	2.94
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD21	4	2.94
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD22	4	2.94
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD23	4	2.94
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD21	4	2.94
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD22	4	2.94
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD23	4	2.94
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	18	2.94
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	18	2.94
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	18	2.94
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	18	2.94
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	18	2.94
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	18	2.94
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	11	2.94
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	11	2.94
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	11	2.94
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	11	2.94
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	11	2.94
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	11	2.94
(18,931)	1:108:A:GLU:HG3	1:112:A:GLN:H	1	2.94
(17,2069)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	15	2.94
(17,2069)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	15	2.94
(17,2069)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	15	2.94
(17,2069)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	15	2.94
(17,2069)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	15	2.94
(17,2069)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	15	2.94
(17,2069)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	15	2.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2069)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	15	2.94
(17,2069)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	15	2.94
(17,2069)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	15	2.94
(17,2069)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	15	2.94
(17,2069)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	15	2.94
(17,1966)	1:10:A:ASN:HD21	1:14:A:VAL:HB	15	2.94
(17,1966)	1:10:A:ASN:HD22	1:14:A:VAL:HB	15	2.94
(17,1112)	1:31:A:PRO:HG2	1:143:A:TRP:HA	12	2.94
(17,1112)	1:31:A:PRO:HG3	1:143:A:TRP:HA	12	2.94
(16,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	5	2.94
(16,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	5	2.94
(16,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	5	2.94
(16,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	5	2.94
(16,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	5	2.94
(16,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	5	2.94
(16,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	5	2.94
(16,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	5	2.94
(16,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	5	2.94
(16,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	5	2.94
(16,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	5	2.94
(16,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	5	2.94
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG21	2	2.94
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG22	2	2.94
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG23	2	2.94
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG21	2	2.94
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG22	2	2.94
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG23	2	2.94
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD21	4	2.94
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD22	4	2.94
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD23	4	2.94
(13,1846)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	18	2.94
(13,1846)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	18	2.94
(13,1002)	1:34:A:LYS:H	1:81:A:GLU:HB3	19	2.94
(13,85)	1:30:A:LEU:H	1:144:A:LEU:HA	4	2.94
(11,1001)	1:35:A:LEU:HG	1:143:A:TRP:HB3	9	2.94
(9,1749)	1:39:A:VAL:HB	1:139:A:LEU:HA	10	2.94
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	6	2.94
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	6	2.94
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	6	2.94
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE1	1	2.94
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE2	1	2.94
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE3	1	2.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1123)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	4	2.94
(5,1123)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	4	2.94
(5,1123)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	4	2.94
(5,1123)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	4	2.94
(5,1123)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	4	2.94
(5,1123)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	4	2.94
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD11	11	2.94
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD12	11	2.94
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD13	11	2.94
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD21	11	2.94
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD22	11	2.94
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD23	11	2.94
(3,485)	1:145:A:PRO:HB2	1:148:A:CYS:H	15	2.94
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG21	14	2.94
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG22	14	2.94
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG23	14	2.94
(2,1013)	1:34:A:LYS:H	1:81:A:GLU:HB3	19	2.94
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG21	5	2.94
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG22	5	2.94
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG23	5	2.94
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG21	5	2.94
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG22	5	2.94
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG23	5	2.94
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG21	5	2.94
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG22	5	2.94
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG23	5	2.94
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG11	5	2.94
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG12	5	2.94
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG13	5	2.94
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG11	5	2.94
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG12	5	2.94
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG13	5	2.94
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG11	5	2.94
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG12	5	2.94
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG13	5	2.94
(1,1114)	1:31:A:PRO:HG2	1:143:A:TRP:HA	1	2.94
(1,1114)	1:31:A:PRO:HG3	1:143:A:TRP:HA	1	2.94
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE1	5	2.93
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE2	5	2.93
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE3	5	2.93
(30,2060)	1:31:A:PRO:HD2	1:143:A:TRP:HA	3	2.93
(30,2060)	1:31:A:PRO:HD3	1:143:A:TRP:HA	3	2.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD21	19	2.93
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD22	19	2.93
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD23	19	2.93
(29,2440)	1:144:A:LEU:HB2	1:147:A:ARG:HE	13	2.93
(29,2440)	1:144:A:LEU:HB3	1:147:A:ARG:HE	13	2.93
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	2	2.93
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	2	2.93
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	2	2.93
(16,1874)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	6	2.93
(16,1874)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	6	2.93
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD2	1	2.93
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD3	1	2.93
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD2	1	2.93
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD3	1	2.93
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD2	1	2.93
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD3	1	2.93
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG11	6	2.93
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG12	6	2.93
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG13	6	2.93
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD21	15	2.93
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD22	15	2.93
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD23	15	2.93
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	2	2.93
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	2	2.93
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	2	2.93
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD21	19	2.93
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD22	19	2.93
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD23	19	2.93
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	6	2.93
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	6	2.93
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	6	2.93
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	6	2.93
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	6	2.93
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	6	2.93
(5,2120)	1:40:A:LEU:HB2	1:44:A:GLU:HG3	4	2.93
(5,2120)	1:40:A:LEU:HB3	1:44:A:GLU:HG3	4	2.93
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG11	6	2.93
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG12	6	2.93
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG13	6	2.93
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD21	13	2.93
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD22	13	2.93
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD23	13	2.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG11	6	2.93
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG12	6	2.93
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG13	6	2.93
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD21	19	2.93
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD22	19	2.93
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD23	19	2.93
(2,841)	1:43:A:MET:HE1	1:144:A:LEU:HB2	1	2.93
(2,841)	1:43:A:MET:HE2	1:144:A:LEU:HB2	1	2.93
(2,841)	1:43:A:MET:HE3	1:144:A:LEU:HB2	1	2.93
(2,841)	1:43:A:MET:HE1	1:144:A:LEU:HB3	1	2.93
(2,841)	1:43:A:MET:HE2	1:144:A:LEU:HB3	1	2.93
(2,841)	1:43:A:MET:HE3	1:144:A:LEU:HB3	1	2.93
(2,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	18	2.93
(2,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	18	2.93
(2,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	18	2.93
(2,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	18	2.93
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD11	18	2.92
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD12	18	2.92
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD13	18	2.92
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD21	18	2.92
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD22	18	2.92
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD23	18	2.92
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD2	6	2.92
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD3	6	2.92
(32,1418)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	1	2.92
(32,1418)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	1	2.92
(19,4)	1:123:A:CYS:SG	1:120:A:CYS:CB	13	2.92
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD11	18	2.92
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD12	18	2.92
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD13	18	2.92
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD21	18	2.92
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD22	18	2.92
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD23	18	2.92
(18,1373)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	11	2.92
(18,1373)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	11	2.92
(18,1373)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	11	2.92
(18,1373)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	11	2.92
(18,1373)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	11	2.92
(18,1373)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	11	2.92
(18,942)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	3	2.92
(18,942)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	3	2.92
(17,1772)	1:39:A:VAL:HB	1:139:A:LEU:HA	19	2.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD11	18	2.92
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD12	18	2.92
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD13	18	2.92
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD21	18	2.92
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD22	18	2.92
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD23	18	2.92
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD11	8	2.92
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD12	8	2.92
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD13	8	2.92
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD21	8	2.92
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD22	8	2.92
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD23	8	2.92
(15,2493)	1:144:A:LEU:HD11	1:147:A:ARG:HA	3	2.92
(15,2493)	1:144:A:LEU:HD12	1:147:A:ARG:HA	3	2.92
(15,2493)	1:144:A:LEU:HD13	1:147:A:ARG:HA	3	2.92
(15,2493)	1:144:A:LEU:HD21	1:147:A:ARG:HA	3	2.92
(15,2493)	1:144:A:LEU:HD22	1:147:A:ARG:HA	3	2.92
(15,2493)	1:144:A:LEU:HD23	1:147:A:ARG:HA	3	2.92
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD11	18	2.92
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD12	18	2.92
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD13	18	2.92
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD21	18	2.92
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD22	18	2.92
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD23	18	2.92
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD2	6	2.92
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD3	6	2.92
(5,2470)	1:144:A:LEU:HD11	1:147:A:ARG:HA	3	2.92
(5,2470)	1:144:A:LEU:HD12	1:147:A:ARG:HA	3	2.92
(5,2470)	1:144:A:LEU:HD13	1:147:A:ARG:HA	3	2.92
(5,2470)	1:144:A:LEU:HD21	1:147:A:ARG:HA	3	2.92
(5,2470)	1:144:A:LEU:HD22	1:147:A:ARG:HA	3	2.92
(5,2470)	1:144:A:LEU:HD23	1:147:A:ARG:HA	3	2.92
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD11	18	2.92
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD12	18	2.92
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD13	18	2.92
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD21	18	2.92
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD22	18	2.92
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD23	18	2.92
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD21	16	2.92
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD22	16	2.92
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD23	16	2.92
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD21	1	2.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD22	1	2.92
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD23	1	2.92
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD21	1	2.92
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD22	1	2.92
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD23	1	2.92
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD21	1	2.92
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD22	1	2.92
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD23	1	2.92
(3,863)	1:43:A:MET:HE1	1:144:A:LEU:HB3	1	2.92
(3,863)	1:43:A:MET:HE2	1:144:A:LEU:HB3	1	2.92
(3,863)	1:43:A:MET:HE3	1:144:A:LEU:HB3	1	2.92
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	12	2.92
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	12	2.92
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	12	2.92
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	12	2.92
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	12	2.92
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	12	2.92
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	12	2.92
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	12	2.92
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	12	2.92
(2,1458)	1:30:A:LEU:HB2	1:145:A:PRO:HD2	17	2.92
(2,1458)	1:30:A:LEU:HB3	1:145:A:PRO:HD2	17	2.92
(33,677)	1:20:A:THR:H	1:133:A:ASN:H	6	2.91
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD11	7	2.91
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD12	7	2.91
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD13	7	2.91
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD21	7	2.91
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD22	7	2.91
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD23	7	2.91
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE1	1	2.91
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE2	1	2.91
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB1	17	2.91
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB2	17	2.91
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB3	17	2.91
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD11	7	2.91
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD12	7	2.91
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD13	7	2.91
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD21	7	2.91
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD22	7	2.91
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD23	7	2.91
(19,21)	1:56:A:CYS:SG	1:59:A:CYS:CB	2	2.91
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB1	17	2.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB2	17	2.91
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB3	17	2.91
(18,931)	1:108:A:GLU:HG3	1:112:A:GLN:H	6	2.91
(17,2170)	1:43:A:MET:HE1	1:144:A:LEU:HB2	6	2.91
(17,2170)	1:43:A:MET:HE1	1:144:A:LEU:HB3	6	2.91
(17,2170)	1:43:A:MET:HE2	1:144:A:LEU:HB2	6	2.91
(17,2170)	1:43:A:MET:HE2	1:144:A:LEU:HB3	6	2.91
(17,2170)	1:43:A:MET:HE3	1:144:A:LEU:HB2	6	2.91
(17,2170)	1:43:A:MET:HE3	1:144:A:LEU:HB3	6	2.91
(16,1617)	1:31:A:PRO:HG2	1:80:A:TYR:HB3	19	2.91
(16,1617)	1:31:A:PRO:HG3	1:80:A:TYR:HB3	19	2.91
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD11	2	2.91
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD12	2	2.91
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD13	2	2.91
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB1	3	2.91
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB2	3	2.91
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB3	3	2.91
(11,2074)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	7	2.91
(11,2074)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	7	2.91
(11,2074)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	7	2.91
(11,2074)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	7	2.91
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD2	7	2.91
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD3	7	2.91
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD2	7	2.91
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD3	7	2.91
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD2	7	2.91
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD3	7	2.91
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD11	6	2.91
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD12	6	2.91
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD13	6	2.91
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD11	6	2.91
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD12	6	2.91
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD13	6	2.91
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD11	6	2.91
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD12	6	2.91
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD13	6	2.91
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	7	2.91
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	7	2.91
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	7	2.91
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	7	2.91
(6,828)	1:48:A:ARG:HD2	1:49:A:LYS:HA	12	2.91
(6,828)	1:48:A:ARG:HD3	1:49:A:LYS:HA	12	2.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD11	11	2.91
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD12	11	2.91
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD13	11	2.91
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD21	11	2.91
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD22	11	2.91
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD23	11	2.91
(4,1325)	1:17:A:ASN:HA	1:76:A:ARG:HA	12	2.91
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB1	3	2.91
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB2	3	2.91
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB3	3	2.91
(1,1736)	1:20:A:THR:HG21	1:134:A:VAL:HB	9	2.91
(1,1736)	1:20:A:THR:HG22	1:134:A:VAL:HB	9	2.91
(1,1736)	1:20:A:THR:HG23	1:134:A:VAL:HB	9	2.91
(1,1709)	1:43:A:MET:HE1	1:131:A:LEU:HA	7	2.91
(1,1709)	1:43:A:MET:HE2	1:131:A:LEU:HA	7	2.91
(1,1709)	1:43:A:MET:HE3	1:131:A:LEU:HA	7	2.91
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB1	3	2.91
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB2	3	2.91
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB3	3	2.91
(1,915)	1:67:A:PRO:HD3	1:95:A:ILE:HB	16	2.91
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	16	2.9
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	16	2.9
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	16	2.9
(33,1388)	1:19:A:ALA:HB1	1:132:A:ALA:HA	7	2.9
(33,1388)	1:19:A:ALA:HB2	1:132:A:ALA:HA	7	2.9
(33,1388)	1:19:A:ALA:HB3	1:132:A:ALA:HA	7	2.9
(33,971)	1:141:A:LYS:HB2	1:149:A:ALA:HA	12	2.9
(33,971)	1:141:A:LYS:HB3	1:149:A:ALA:HA	12	2.9
(33,832)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	18	2.9
(33,832)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	18	2.9
(33,832)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	18	2.9
(33,832)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	18	2.9
(32,1706)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	14	2.9
(32,1706)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	14	2.9
(32,1676)	1:14:A:VAL:H	1:79:A:THR:HG21	11	2.9
(32,1676)	1:14:A:VAL:H	1:79:A:THR:HG22	11	2.9
(32,1676)	1:14:A:VAL:H	1:79:A:THR:HG23	11	2.9
(32,809)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	18	2.9
(32,809)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	18	2.9
(32,809)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	18	2.9
(32,809)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	18	2.9
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG11	7	2.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG12	7	2.9
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG13	7	2.9
(19,7)	1:123:A:CYS:SG	1:56:A:CYS:CB	6	2.9
(18,908)	1:67:A:PRO:HD3	1:95:A:ILE:HB	14	2.9
(16,2071)	1:32:A:GLY:HA2	1:81:A:GLU:H	4	2.9
(16,2071)	1:32:A:GLY:HA3	1:81:A:GLU:H	4	2.9
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD11	14	2.9
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD12	14	2.9
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD13	14	2.9
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD21	14	2.9
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD22	14	2.9
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD23	14	2.9
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD11	14	2.9
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD12	14	2.9
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD13	14	2.9
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD21	14	2.9
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD22	14	2.9
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD23	14	2.9
(16,1711)	1:14:A:VAL:H	1:79:A:THR:HG21	11	2.9
(16,1711)	1:14:A:VAL:H	1:79:A:THR:HG22	11	2.9
(16,1711)	1:14:A:VAL:H	1:79:A:THR:HG23	11	2.9
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG11	19	2.9
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG12	19	2.9
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG13	19	2.9
(13,873)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	8	2.9
(13,873)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	8	2.9
(13,873)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	8	2.9
(13,813)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	18	2.9
(13,813)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	18	2.9
(13,813)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	18	2.9
(13,813)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	18	2.9
(11,1755)	1:14:A:VAL:H	1:79:A:THR:HG21	11	2.9
(11,1755)	1:14:A:VAL:H	1:79:A:THR:HG22	11	2.9
(11,1755)	1:14:A:VAL:H	1:79:A:THR:HG23	11	2.9
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB2	9	2.9
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB3	9	2.9
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB2	9	2.9
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB3	9	2.9
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB2	9	2.9
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB3	9	2.9
(11,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	18	2.9
(11,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	18	2.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	18	2.9
(11,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	18	2.9
(9,2023)	1:23:A:LEU:HD11	1:147:A:ARG:H	13	2.9
(9,2023)	1:23:A:LEU:HD12	1:147:A:ARG:H	13	2.9
(9,2023)	1:23:A:LEU:HD13	1:147:A:ARG:H	13	2.9
(9,2023)	1:23:A:LEU:HD21	1:147:A:ARG:H	13	2.9
(9,2023)	1:23:A:LEU:HD22	1:147:A:ARG:H	13	2.9
(9,2023)	1:23:A:LEU:HD23	1:147:A:ARG:H	13	2.9
(9,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	18	2.9
(9,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	18	2.9
(9,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	18	2.9
(9,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	18	2.9
(7,2004)	1:27:A:ARG:HA	1:31:A:PRO:HD2	19	2.9
(7,2004)	1:27:A:ARG:HA	1:31:A:PRO:HD3	19	2.9
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD21	10	2.9
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD22	10	2.9
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD23	10	2.9
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG11	19	2.9
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG12	19	2.9
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG13	19	2.9
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD2	1	2.9
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD3	1	2.9
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD2	1	2.9
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD3	1	2.9
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD2	1	2.9
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD3	1	2.9
(4,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	18	2.9
(4,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	18	2.9
(4,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	18	2.9
(4,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	18	2.9
(3,2080)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	15	2.9
(3,2080)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	15	2.9
(3,2080)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	15	2.9
(3,2080)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	15	2.9
(3,2080)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	15	2.9
(3,2080)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	15	2.9
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD11	6	2.9
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD12	6	2.9
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD13	6	2.9
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD11	6	2.9
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD12	6	2.9
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD13	6	2.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD11	6	2.9
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD12	6	2.9
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD13	6	2.9
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG11	19	2.9
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG12	19	2.9
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG13	19	2.9
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD21	14	2.9
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD22	14	2.9
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD23	14	2.9
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	8	2.89
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	8	2.89
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	8	2.89
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	8	2.89
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	8	2.89
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	8	2.89
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	8	2.89
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	8	2.89
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	8	2.89
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	8	2.89
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	8	2.89
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	8	2.89
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	8	2.89
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	8	2.89
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	8	2.89
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	8	2.89
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	8	2.89
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	8	2.89
(32,1188)	1:33:A:LYS:HB2	1:81:A:GLU:HA	14	2.89
(32,1188)	1:33:A:LYS:HB3	1:81:A:GLU:HA	14	2.89
(30,1217)	1:33:A:LYS:HB2	1:81:A:GLU:HA	14	2.89
(30,1217)	1:33:A:LYS:HB3	1:81:A:GLU:HA	14	2.89
(30,989)	1:35:A:LEU:HG	1:143:A:TRP:HB3	9	2.89
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD11	3	2.89
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD12	3	2.89
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD13	3	2.89
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD21	3	2.89
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD22	3	2.89
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD23	3	2.89
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD11	3	2.89
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD12	3	2.89
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD13	3	2.89
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD21	3	2.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD22	3	2.89
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD23	3	2.89
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD11	3	2.89
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD12	3	2.89
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD13	3	2.89
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD21	3	2.89
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD22	3	2.89
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD23	3	2.89
(19,20)	1:56:A:CYS:SG	1:52:A:CYS:CB	7	2.89
(19,14)	1:52:A:CYS:SG	1:123:A:CYS:CB	17	2.89
(18,1939)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	2	2.89
(18,1939)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	2	2.89
(18,1939)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	2	2.89
(18,1939)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	2	2.89
(17,436)	1:68:A:LYS:H	1:70:A:LYS:HG2	14	2.89
(17,154)	1:67:A:PRO:HD3	1:95:A:ILE:H	7	2.89
(16,445)	1:68:A:LYS:H	1:70:A:LYS:HG2	14	2.89
(15,967)	1:33:A:LYS:HB2	1:80:A:TYR:HB2	1	2.89
(15,967)	1:33:A:LYS:HB3	1:80:A:TYR:HB2	1	2.89
(6,828)	1:48:A:ARG:HD2	1:49:A:LYS:HA	10	2.89
(6,828)	1:48:A:ARG:HD3	1:49:A:LYS:HA	10	2.89
(2,2077)	1:31:A:PRO:HD2	1:143:A:TRP:HA	10	2.89
(2,2077)	1:31:A:PRO:HD3	1:143:A:TRP:HA	10	2.89
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD21	3	2.89
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD22	3	2.89
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD23	3	2.89
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD11	14	2.89
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD12	14	2.89
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD13	14	2.89
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD11	14	2.89
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD12	14	2.89
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD13	14	2.89
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD11	14	2.89
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD12	14	2.89
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD13	14	2.89
(1,1114)	1:31:A:PRO:HG2	1:143:A:TRP:HA	12	2.89
(1,1114)	1:31:A:PRO:HG3	1:143:A:TRP:HA	12	2.89
(1,162)	1:67:A:PRO:HD3	1:95:A:ILE:H	7	2.89
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE1	10	2.88
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE2	10	2.88
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE3	10	2.88
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	19	2.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	19	2.88
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	19	2.88
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	19	2.88
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	19	2.88
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	19	2.88
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	19	2.88
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	19	2.88
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	19	2.88
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	19	2.88
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	19	2.88
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	19	2.88
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	19	2.88
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	19	2.88
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	19	2.88
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	19	2.88
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	19	2.88
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	19	2.88
(32,1418)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	17	2.88
(32,1418)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	17	2.88
(19,6)	1:123:A:CYS:SG	1:52:A:CYS:CB	7	2.88
(19,5)	1:123:A:CYS:SG	1:127:A:CYS:CB	4	2.88
(18,931)	1:108:A:GLU:HG3	1:112:A:GLN:H	3	2.88
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG11	11	2.88
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG12	11	2.88
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG13	11	2.88
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG21	11	2.88
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG22	11	2.88
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG23	11	2.88
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD11	2	2.88
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD12	2	2.88
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD13	2	2.88
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD21	2	2.88
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD22	2	2.88
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD23	2	2.88
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD11	2	2.88
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD12	2	2.88
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD13	2	2.88
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD21	2	2.88
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD22	2	2.88
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD23	2	2.88
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD11	2	2.88
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD12	2	2.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD13	2	2.88
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD21	2	2.88
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD22	2	2.88
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD23	2	2.88
(17,853)	1:43:A:MET:HE1	1:144:A:LEU:HB3	2	2.88
(17,853)	1:43:A:MET:HE2	1:144:A:LEU:HB3	2	2.88
(17,853)	1:43:A:MET:HE3	1:144:A:LEU:HB3	2	2.88
(17,853)	1:43:A:MET:HE1	1:144:A:LEU:HB2	2	2.88
(17,853)	1:43:A:MET:HE2	1:144:A:LEU:HB2	2	2.88
(17,853)	1:43:A:MET:HE3	1:144:A:LEU:HB2	2	2.88
(15,2496)	1:144:A:LEU:HD11	1:148:A:CYS:H	15	2.88
(15,2496)	1:144:A:LEU:HD12	1:148:A:CYS:H	15	2.88
(15,2496)	1:144:A:LEU:HD13	1:148:A:CYS:H	15	2.88
(15,2496)	1:144:A:LEU:HD21	1:148:A:CYS:H	15	2.88
(15,2496)	1:144:A:LEU:HD22	1:148:A:CYS:H	15	2.88
(15,2496)	1:144:A:LEU:HD23	1:148:A:CYS:H	15	2.88
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	3	2.88
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	3	2.88
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	3	2.88
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	3	2.88
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	3	2.88
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	3	2.88
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	3	2.88
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	3	2.88
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	3	2.88
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	3	2.88
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	3	2.88
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	3	2.88
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG21	6	2.88
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG22	6	2.88
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG23	6	2.88
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	6	2.88
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	6	2.88
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	6	2.88
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	6	2.88
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	6	2.88
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	6	2.88
(13,829)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	10	2.88
(13,829)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	10	2.88
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	19	2.88
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	19	2.88
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	19	2.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1943)	1:11:A:ILE:HD11	1:18:A:PHE:HZ	19	2.88
(11,1943)	1:11:A:ILE:HD12	1:18:A:PHE:HZ	19	2.88
(11,1943)	1:11:A:ILE:HD13	1:18:A:PHE:HZ	19	2.88
(7,1666)	1:43:A:MET:HE1	1:131:A:LEU:HA	13	2.88
(7,1666)	1:43:A:MET:HE2	1:131:A:LEU:HA	13	2.88
(7,1666)	1:43:A:MET:HE3	1:131:A:LEU:HA	13	2.88
(6,1699)	1:43:A:MET:HE1	1:131:A:LEU:HA	13	2.88
(6,1699)	1:43:A:MET:HE2	1:131:A:LEU:HA	13	2.88
(6,1699)	1:43:A:MET:HE3	1:131:A:LEU:HA	13	2.88
(5,755)	1:32:A:GLY:HA2	1:34:A:LYS:H	4	2.88
(4,1677)	1:43:A:MET:HE1	1:131:A:LEU:HA	13	2.88
(4,1677)	1:43:A:MET:HE2	1:131:A:LEU:HA	13	2.88
(4,1677)	1:43:A:MET:HE3	1:131:A:LEU:HA	13	2.88
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD11	9	2.88
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD12	9	2.88
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD13	9	2.88
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD21	9	2.88
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD22	9	2.88
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD23	9	2.88
(3,1729)	1:43:A:MET:HE1	1:131:A:LEU:HA	13	2.88
(3,1729)	1:43:A:MET:HE2	1:131:A:LEU:HA	13	2.88
(3,1729)	1:43:A:MET:HE3	1:131:A:LEU:HA	13	2.88
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG11	9	2.88
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG12	9	2.88
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG13	9	2.88
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG21	9	2.88
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG22	9	2.88
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG23	9	2.88
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG11	15	2.88
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG12	15	2.88
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG13	15	2.88
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG21	15	2.88
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG22	15	2.88
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG23	15	2.88
(2,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	19	2.88
(2,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	19	2.88
(2,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	19	2.88
(2,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	19	2.88
(1,2052)	1:30:A:LEU:HD11	1:144:A:LEU:HA	10	2.88
(1,2052)	1:30:A:LEU:HD12	1:144:A:LEU:HA	10	2.88
(1,2052)	1:30:A:LEU:HD13	1:144:A:LEU:HA	10	2.88
(1,2052)	1:30:A:LEU:HD21	1:144:A:LEU:HA	10	2.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2052)	1:30:A:LEU:HD22	1:144:A:LEU:HA	10	2.88
(1,2052)	1:30:A:LEU:HD23	1:144:A:LEU:HA	10	2.88
(34,2018)	1:17:A:ASN:HB2	1:76:A:ARG:HA	12	2.87
(34,2018)	1:17:A:ASN:HB3	1:76:A:ARG:HA	12	2.87
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD21	13	2.87
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD22	13	2.87
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD23	13	2.87
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB2	6	2.87
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB3	6	2.87
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	6	2.87
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	6	2.87
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	6	2.87
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	6	2.87
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	6	2.87
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	6	2.87
(19,5)	1:123:A:CYS:SG	1:127:A:CYS:CB	3	2.87
(18,1886)	1:18:A:PHE:HE1	1:128:A:LEU:HG	18	2.87
(18,1886)	1:18:A:PHE:HE2	1:128:A:LEU:HG	18	2.87
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	1	2.87
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	1	2.87
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	1	2.87
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	1	2.87
(17,2074)	1:31:A:PRO:HD2	1:143:A:TRP:HA	5	2.87
(17,2074)	1:31:A:PRO:HD3	1:143:A:TRP:HA	5	2.87
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	6	2.87
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	6	2.87
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	6	2.87
(17,853)	1:43:A:MET:HE1	1:144:A:LEU:HB3	15	2.87
(17,853)	1:43:A:MET:HE2	1:144:A:LEU:HB3	15	2.87
(17,853)	1:43:A:MET:HE3	1:144:A:LEU:HB3	15	2.87
(17,853)	1:43:A:MET:HE1	1:144:A:LEU:HB2	15	2.87
(17,853)	1:43:A:MET:HE2	1:144:A:LEU:HB2	15	2.87
(17,853)	1:43:A:MET:HE3	1:144:A:LEU:HB2	15	2.87
(16,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB2	2	2.87
(16,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB2	2	2.87
(16,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB2	2	2.87
(16,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB2	2	2.87
(16,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB2	2	2.87
(16,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB2	2	2.87
(16,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB3	2	2.87
(16,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB3	2	2.87
(16,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB3	2	2.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB3	2	2.87
(16,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB3	2	2.87
(16,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB3	2	2.87
(16,2059)	1:30:A:LEU:HD11	1:79:A:THR:HA	11	2.87
(16,2059)	1:30:A:LEU:HD12	1:79:A:THR:HA	11	2.87
(16,2059)	1:30:A:LEU:HD13	1:79:A:THR:HA	11	2.87
(16,2059)	1:30:A:LEU:HD21	1:79:A:THR:HA	11	2.87
(16,2059)	1:30:A:LEU:HD22	1:79:A:THR:HA	11	2.87
(16,2059)	1:30:A:LEU:HD23	1:79:A:THR:HA	11	2.87
(15,1988)	1:17:A:ASN:HB2	1:76:A:ARG:HA	12	2.87
(15,1988)	1:17:A:ASN:HB3	1:76:A:ARG:HA	12	2.87
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	6	2.87
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	6	2.87
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	6	2.87
(13,1853)	1:18:A:PHE:HE1	1:128:A:LEU:HG	18	2.87
(13,1853)	1:18:A:PHE:HE2	1:128:A:LEU:HG	18	2.87
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG11	1	2.87
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG12	1	2.87
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG13	1	2.87
(13,85)	1:30:A:LEU:H	1:144:A:LEU:HA	8	2.87
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG21	16	2.87
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG22	16	2.87
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG23	16	2.87
(7,1690)	1:21:A:THR:HG21	1:147:A:ARG:HE	13	2.87
(7,1690)	1:21:A:THR:HG22	1:147:A:ARG:HE	13	2.87
(7,1690)	1:21:A:THR:HG23	1:147:A:ARG:HE	13	2.87
(6,1505)	1:43:A:MET:HE1	1:46:A:ASN:HB2	7	2.87
(6,1505)	1:43:A:MET:HE2	1:46:A:ASN:HB2	7	2.87
(6,1505)	1:43:A:MET:HE3	1:46:A:ASN:HB2	7	2.87
(6,828)	1:48:A:ARG:HD2	1:49:A:LYS:HA	3	2.87
(6,828)	1:48:A:ARG:HD3	1:49:A:LYS:HA	3	2.87
(4,2006)	1:17:A:ASN:HB2	1:76:A:ARG:HA	12	2.87
(4,2006)	1:17:A:ASN:HB3	1:76:A:ARG:HA	12	2.87
(2,2038)	1:17:A:ASN:HB2	1:76:A:ARG:HA	12	2.87
(2,2038)	1:17:A:ASN:HB3	1:76:A:ARG:HA	12	2.87
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	19	2.86
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	19	2.86
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	19	2.86
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	19	2.86
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	19	2.86
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	19	2.86
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	19	2.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	19	2.86
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	19	2.86
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	19	2.86
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	19	2.86
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	19	2.86
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	19	2.86
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	19	2.86
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	19	2.86
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	19	2.86
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	19	2.86
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	19	2.86
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD2	18	2.86
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD3	18	2.86
(33,1620)	1:31:A:PRO:HG2	1:80:A:TYR:HB3	19	2.86
(33,1620)	1:31:A:PRO:HG3	1:80:A:TYR:HB3	19	2.86
(32,1706)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	2	2.86
(32,1706)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	2	2.86
(30,1056)	1:134:A:VAL:HG21	1:140:A:LEU:HG	13	2.86
(30,1056)	1:134:A:VAL:HG22	1:140:A:LEU:HG	13	2.86
(30,1056)	1:134:A:VAL:HG23	1:140:A:LEU:HG	13	2.86
(20,8)	1:56:A:CYS:SG	1:123:A:CYS:SG	6	2.86
(20,8)	1:56:A:CYS:SG	1:123:A:CYS:SG	13	2.86
(19,8)	1:123:A:CYS:SG	1:59:A:CYS:CB	1	2.86
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	19	2.86
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	19	2.86
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	19	2.86
(16,1626)	1:27:A:ARG:HA	1:30:A:LEU:H	15	2.86
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	19	2.86
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	19	2.86
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	19	2.86
(11,1968)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	6	2.86
(11,1968)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	6	2.86
(11,1968)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	6	2.86
(11,1968)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	6	2.86
(11,1682)	1:134:A:VAL:HG11	1:137:A:SER:H	7	2.86
(11,1682)	1:134:A:VAL:HG12	1:137:A:SER:H	7	2.86
(11,1682)	1:134:A:VAL:HG13	1:137:A:SER:H	7	2.86
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD2	18	2.86
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD3	18	2.86
(7,2024)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	3	2.86
(7,2024)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	3	2.86
(7,2024)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	3	2.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2024)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	3	2.86
(7,2024)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	3	2.86
(7,2024)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	3	2.86
(7,2024)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	3	2.86
(7,2024)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	3	2.86
(7,2024)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	3	2.86
(7,2024)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	3	2.86
(7,2024)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	3	2.86
(7,2024)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	3	2.86
(6,828)	1:48:A:ARG:HD2	1:49:A:LYS:HA	19	2.86
(6,828)	1:48:A:ARG:HD3	1:49:A:LYS:HA	19	2.86
(5,1663)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	7	2.86
(5,1663)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	7	2.86
(5,1663)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	7	2.86
(5,1663)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	7	2.86
(5,1663)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	7	2.86
(5,1663)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	7	2.86
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE1	19	2.86
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE2	19	2.86
(4,1882)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	6	2.86
(4,1882)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	6	2.86
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	19	2.86
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	19	2.86
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	19	2.86
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	19	2.86
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	19	2.86
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	19	2.86
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	19	2.86
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	19	2.86
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	19	2.86
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG21	7	2.86
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG22	7	2.86
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG23	7	2.86
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD21	9	2.85
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD22	9	2.85
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD23	9	2.85
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD11	10	2.85
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD12	10	2.85
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD13	10	2.85
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD21	10	2.85
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD22	10	2.85
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD23	10	2.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,832)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	19	2.85
(33,832)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	19	2.85
(33,832)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	19	2.85
(33,832)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	19	2.85
(33,677)	1:20:A:THR:H	1:133:A:ASN:H	11	2.85
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD11	10	2.85
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD12	10	2.85
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD13	10	2.85
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD21	10	2.85
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD22	10	2.85
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD23	10	2.85
(32,809)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	19	2.85
(32,809)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	19	2.85
(32,809)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	19	2.85
(32,809)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	19	2.85
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE1	11	2.85
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE2	11	2.85
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB2	16	2.85
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB2	16	2.85
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB2	16	2.85
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB3	16	2.85
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB3	16	2.85
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB3	16	2.85
(19,20)	1:56:A:CYS:SG	1:52:A:CYS:CB	17	2.85
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	14	2.85
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	14	2.85
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	14	2.85
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	14	2.85
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	14	2.85
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	14	2.85
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD11	10	2.85
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD12	10	2.85
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD13	10	2.85
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD21	10	2.85
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD22	10	2.85
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD23	10	2.85
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB2	10	2.85
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB3	10	2.85
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB2	10	2.85
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB3	10	2.85
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB2	10	2.85
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB3	10	2.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,813)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	19	2.85
(13,813)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	19	2.85
(13,813)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	19	2.85
(13,813)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	19	2.85
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	5	2.85
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	5	2.85
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	5	2.85
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	5	2.85
(11,843)	1:43:A:MET:HE1	1:144:A:LEU:HB2	16	2.85
(11,843)	1:43:A:MET:HE2	1:144:A:LEU:HB2	16	2.85
(11,843)	1:43:A:MET:HE3	1:144:A:LEU:HB2	16	2.85
(11,843)	1:43:A:MET:HE1	1:144:A:LEU:HB3	16	2.85
(11,843)	1:43:A:MET:HE2	1:144:A:LEU:HB3	16	2.85
(11,843)	1:43:A:MET:HE3	1:144:A:LEU:HB3	16	2.85
(11,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	19	2.85
(11,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	19	2.85
(11,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	19	2.85
(11,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	19	2.85
(9,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	19	2.85
(9,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	19	2.85
(9,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	19	2.85
(9,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	19	2.85
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	7	2.85
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	7	2.85
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	7	2.85
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	7	2.85
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	7	2.85
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	7	2.85
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	7	2.85
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	7	2.85
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	7	2.85
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	7	2.85
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	7	2.85
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	7	2.85
(4,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	19	2.85
(4,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	19	2.85
(4,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	19	2.85
(4,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	19	2.85
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG21	4	2.85
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG22	4	2.85
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG23	4	2.85
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG21	4	2.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG22	4	2.85
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG23	4	2.85
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG21	4	2.85
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG22	4	2.85
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG23	4	2.85
(33,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB2	13	2.84
(33,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB2	13	2.84
(33,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB2	13	2.84
(33,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB2	13	2.84
(33,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB2	13	2.84
(33,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB2	13	2.84
(33,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB3	13	2.84
(33,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB3	13	2.84
(33,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB3	13	2.84
(33,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB3	13	2.84
(33,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB3	13	2.84
(33,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB3	13	2.84
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD1	2	2.84
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD2	2	2.84
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD1	2	2.84
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD2	2	2.84
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD1	11	2.84
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD2	11	2.84
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD1	11	2.84
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD2	11	2.84
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD11	5	2.84
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD12	5	2.84
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD13	5	2.84
(32,1914)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	13	2.84
(32,1914)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	13	2.84
(32,1914)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	13	2.84
(32,1914)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	13	2.84
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD11	5	2.84
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD12	5	2.84
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD13	5	2.84
(29,1031)	1:34:A:LYS:H	1:81:A:GLU:HB3	6	2.84
(17,1023)	1:34:A:LYS:H	1:81:A:GLU:HB3	6	2.84
(17,556)	1:10:A:ASN:HD21	1:14:A:VAL:HB	8	2.84
(16,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB2	13	2.84
(16,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB2	13	2.84
(16,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB2	13	2.84
(16,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB2	13	2.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB2	13	2.84
(16,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB2	13	2.84
(16,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB3	13	2.84
(16,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB3	13	2.84
(16,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB3	13	2.84
(16,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB3	13	2.84
(16,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB3	13	2.84
(16,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB3	13	2.84
(16,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	4	2.84
(16,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	4	2.84
(16,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	4	2.84
(16,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	4	2.84
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD11	5	2.84
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD12	5	2.84
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD13	5	2.84
(16,1037)	1:34:A:LYS:H	1:81:A:GLU:HB3	14	2.84
(11,1029)	1:34:A:LYS:H	1:81:A:GLU:HB3	6	2.84
(7,2004)	1:27:A:ARG:HA	1:31:A:PRO:HD2	2	2.84
(7,2004)	1:27:A:ARG:HA	1:31:A:PRO:HD3	2	2.84
(7,1622)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	13	2.84
(7,1622)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	13	2.84
(7,1622)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	13	2.84
(7,1622)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	13	2.84
(7,1622)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	13	2.84
(7,1622)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	13	2.84
(7,1622)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	13	2.84
(7,1622)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	13	2.84
(7,1622)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	13	2.84
(6,1959)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	13	2.84
(6,1959)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	13	2.84
(6,1959)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	13	2.84
(6,1959)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	13	2.84
(6,956)	1:11:A:ILE:HG13	1:14:A:VAL:HB	8	2.84
(5,2471)	1:144:A:LEU:HD11	1:147:A:ARG:HB2	4	2.84
(5,2471)	1:144:A:LEU:HD11	1:147:A:ARG:HB3	4	2.84
(5,2471)	1:144:A:LEU:HD12	1:147:A:ARG:HB2	4	2.84
(5,2471)	1:144:A:LEU:HD12	1:147:A:ARG:HB3	4	2.84
(5,2471)	1:144:A:LEU:HD13	1:147:A:ARG:HB2	4	2.84
(5,2471)	1:144:A:LEU:HD13	1:147:A:ARG:HB3	4	2.84
(5,2471)	1:144:A:LEU:HD21	1:147:A:ARG:HB2	4	2.84
(5,2471)	1:144:A:LEU:HD21	1:147:A:ARG:HB3	4	2.84
(5,2471)	1:144:A:LEU:HD22	1:147:A:ARG:HB2	4	2.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2471)	1:144:A:LEU:HD22	1:147:A:ARG:HB3	4	2.84
(5,2471)	1:144:A:LEU:HD23	1:147:A:ARG:HB2	4	2.84
(5,2471)	1:144:A:LEU:HD23	1:147:A:ARG:HB3	4	2.84
(4,1005)	1:34:A:LYS:H	1:81:A:GLU:HB3	14	2.84
(3,1036)	1:34:A:LYS:H	1:81:A:GLU:HB3	14	2.84
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG11	1	2.84
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG12	1	2.84
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG13	1	2.84
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG21	1	2.84
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG22	1	2.84
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG23	1	2.84
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG11	12	2.84
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG12	12	2.84
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG13	12	2.84
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG21	12	2.84
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG22	12	2.84
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG23	12	2.84
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG11	12	2.84
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG12	12	2.84
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG13	12	2.84
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG21	12	2.84
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG22	12	2.84
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG23	12	2.84
(1,1211)	1:41:A:LYS:HG3	1:44:A:GLU:HG3	4	2.84
(33,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB2	2	2.83
(33,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB2	2	2.83
(33,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB2	2	2.83
(33,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB2	2	2.83
(33,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB2	2	2.83
(33,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB2	2	2.83
(33,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB3	2	2.83
(33,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB3	2	2.83
(33,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB3	2	2.83
(33,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB3	2	2.83
(33,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB3	2	2.83
(33,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB3	2	2.83
(32,1084)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	5	2.83
(32,1084)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	5	2.83
(30,1953)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	18	2.83
(30,1953)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	18	2.83
(30,1953)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	18	2.83
(30,1953)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	18	2.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1096)	1:31:A:PRO:HG2	1:143:A:TRP:HA	5	2.83
(30,1096)	1:31:A:PRO:HG3	1:143:A:TRP:HA	5	2.83
(20,8)	1:56:A:CYS:SG	1:123:A:CYS:SG	18	2.83
(17,1772)	1:39:A:VAL:HB	1:139:A:LEU:HA	15	2.83
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD11	13	2.83
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD12	13	2.83
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD13	13	2.83
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD11	13	2.83
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD12	13	2.83
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD13	13	2.83
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD11	13	2.83
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD12	13	2.83
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD13	13	2.83
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD21	15	2.83
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD22	15	2.83
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD23	15	2.83
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD21	15	2.83
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD22	15	2.83
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD23	15	2.83
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD21	15	2.83
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD22	15	2.83
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD23	15	2.83
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	8	2.83
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	8	2.83
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	8	2.83
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	8	2.83
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	8	2.83
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	8	2.83
(15,1931)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	18	2.83
(15,1931)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	18	2.83
(15,1931)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	18	2.83
(15,1931)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	18	2.83
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD2	8	2.83
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD3	8	2.83
(11,1943)	1:11:A:ILE:HD11	1:18:A:PHE:HZ	11	2.83
(11,1943)	1:11:A:ILE:HD12	1:18:A:PHE:HZ	11	2.83
(11,1943)	1:11:A:ILE:HD13	1:18:A:PHE:HZ	11	2.83
(9,1749)	1:39:A:VAL:HB	1:139:A:LEU:HA	16	2.83
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD2	8	2.83
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD3	8	2.83
(4,1330)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	12	2.83
(4,1330)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	12	2.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1330)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	12	2.83
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD11	1	2.83
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD12	1	2.83
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD13	1	2.83
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD21	1	2.83
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD22	1	2.83
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD23	1	2.83
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE1	12	2.83
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE2	12	2.83
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	12	2.83
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	12	2.83
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	12	2.83
(1,1211)	1:41:A:LYS:HG3	1:44:A:GLU:HG3	9	2.83
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE1	16	2.82
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE2	16	2.82
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE3	16	2.82
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	2	2.82
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	2	2.82
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	2	2.82
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	2	2.82
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	2	2.82
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	2	2.82
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	2	2.82
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	2	2.82
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	2	2.82
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	2	2.82
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	2	2.82
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	2	2.82
(30,2058)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	1	2.82
(30,2058)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	1	2.82
(30,2058)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	1	2.82
(30,2058)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	1	2.82
(30,2058)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	1	2.82
(30,2058)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	1	2.82
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG11	7	2.82
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG12	7	2.82
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG13	7	2.82
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	19	2.82
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	19	2.82
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	19	2.82
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	19	2.82
(16,1533)	1:69:A:MET:HE1	1:76:A:ARG:HB2	1	2.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1533)	1:69:A:MET:HE2	1:76:A:ARG:HB2	1	2.82
(16,1533)	1:69:A:MET:HE3	1:76:A:ARG:HB2	1	2.82
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE1	19	2.82
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE2	19	2.82
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE3	19	2.82
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE1	19	2.82
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE2	19	2.82
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE3	19	2.82
(13,1596)	1:12:A:VAL:HA	1:80:A:TYR:HB3	11	2.82
(13,85)	1:30:A:LEU:H	1:144:A:LEU:HA	14	2.82
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	6	2.82
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	6	2.82
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	6	2.82
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	6	2.82
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG11	16	2.82
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG12	16	2.82
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG13	16	2.82
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG21	16	2.82
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG22	16	2.82
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG23	16	2.82
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG21	10	2.82
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG22	10	2.82
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG23	10	2.82
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG11	13	2.82
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG12	13	2.82
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG13	13	2.82
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG21	13	2.82
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG22	13	2.82
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG23	13	2.82
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG11	13	2.82
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG12	13	2.82
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG13	13	2.82
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG21	13	2.82
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG22	13	2.82
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG23	13	2.82
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG11	13	2.82
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG12	13	2.82
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG13	13	2.82
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG21	13	2.82
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG22	13	2.82
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG23	13	2.82
(6,828)	1:48:A:ARG:HD2	1:49:A:LYS:HA	13	2.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,828)	1:48:A:ARG:HD3	1:49:A:LYS:HA	13	2.82
(5,1206)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	8	2.82
(5,1206)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	8	2.82
(5,1206)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	8	2.82
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB1	18	2.82
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB2	18	2.82
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB3	18	2.82
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG21	6	2.82
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG22	6	2.82
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG23	6	2.82
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG21	6	2.82
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG22	6	2.82
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG23	6	2.82
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	6	2.82
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	6	2.82
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	6	2.82
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	6	2.82
(2,1645)	1:12:A:VAL:HA	1:80:A:TYR:HB3	11	2.82
(1,861)	1:43:A:MET:HE1	1:131:A:LEU:HB3	13	2.82
(1,861)	1:43:A:MET:HE2	1:131:A:LEU:HB3	13	2.82
(1,861)	1:43:A:MET:HE3	1:131:A:LEU:HB3	13	2.82
(34,840)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	10	2.81
(34,840)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	10	2.81
(34,840)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	10	2.81
(34,840)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	10	2.81
(34,840)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	10	2.81
(34,840)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	10	2.81
(33,1388)	1:19:A:ALA:HB1	1:132:A:ALA:HA	2	2.81
(33,1388)	1:19:A:ALA:HB2	1:132:A:ALA:HA	2	2.81
(33,1388)	1:19:A:ALA:HB3	1:132:A:ALA:HA	2	2.81
(30,1713)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	15	2.81
(30,1713)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	15	2.81
(30,1713)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	15	2.81
(30,1713)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	15	2.81
(30,1713)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	15	2.81
(30,1713)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	15	2.81
(30,833)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	10	2.81
(30,833)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	10	2.81
(30,833)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	10	2.81
(30,833)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	10	2.81
(30,833)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	10	2.81
(30,833)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	10	2.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,482)	1:145:A:PRO:HB2	1:148:A:CYS:H	17	2.81
(17,2170)	1:43:A:MET:HE1	1:144:A:LEU:HB2	11	2.81
(17,2170)	1:43:A:MET:HE1	1:144:A:LEU:HB3	11	2.81
(17,2170)	1:43:A:MET:HE2	1:144:A:LEU:HB2	11	2.81
(17,2170)	1:43:A:MET:HE2	1:144:A:LEU:HB3	11	2.81
(17,2170)	1:43:A:MET:HE3	1:144:A:LEU:HB2	11	2.81
(17,2170)	1:43:A:MET:HE3	1:144:A:LEU:HB3	11	2.81
(17,1915)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	17	2.81
(17,1915)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	17	2.81
(17,1915)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	17	2.81
(17,1915)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	17	2.81
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD11	2	2.81
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD12	2	2.81
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD13	2	2.81
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD21	2	2.81
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD22	2	2.81
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD23	2	2.81
(15,838)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	10	2.81
(15,838)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	10	2.81
(15,838)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	10	2.81
(15,838)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	10	2.81
(15,838)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	10	2.81
(15,838)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	10	2.81
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG11	15	2.81
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG12	15	2.81
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG13	15	2.81
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG21	15	2.81
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG22	15	2.81
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG23	15	2.81
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG21	16	2.81
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG22	16	2.81
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG23	16	2.81
(13,1324)	1:141:A:LYS:HB2	1:149:A:ALA:HA	10	2.81
(13,1324)	1:141:A:LYS:HB3	1:149:A:ALA:HA	10	2.81
(13,821)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	10	2.81
(13,821)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	10	2.81
(13,821)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	10	2.81
(13,821)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	10	2.81
(13,821)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	10	2.81
(13,821)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	10	2.81
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	10	2.81
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	10	2.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	10	2.81
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	10	2.81
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	10	2.81
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	10	2.81
(9,832)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	10	2.81
(9,832)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	10	2.81
(9,832)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	10	2.81
(9,832)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	10	2.81
(9,832)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	10	2.81
(9,832)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	10	2.81
(7,978)	1:35:A:LEU:HG	1:143:A:TRP:HB3	9	2.81
(7,823)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	10	2.81
(7,823)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	10	2.81
(7,823)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	10	2.81
(7,823)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	10	2.81
(7,823)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	10	2.81
(7,823)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	10	2.81
(5,711)	1:45:A:ALA:HB1	1:48:A:ARG:HE	7	2.81
(5,711)	1:45:A:ALA:HB2	1:48:A:ARG:HE	7	2.81
(5,711)	1:45:A:ALA:HB3	1:48:A:ARG:HE	7	2.81
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE1	18	2.81
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE2	18	2.81
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE3	18	2.81
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE1	18	2.81
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE2	18	2.81
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE3	18	2.81
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE1	18	2.81
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE2	18	2.81
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE3	18	2.81
(4,830)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	10	2.81
(4,830)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	10	2.81
(4,830)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	10	2.81
(4,830)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	10	2.81
(4,830)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	10	2.81
(4,830)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	10	2.81
(2,1727)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	15	2.81
(2,1727)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	15	2.81
(2,1727)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	15	2.81
(2,1727)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	15	2.81
(2,1727)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	15	2.81
(2,1727)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	15	2.81
(2,1136)	1:10:A:ASN:HD22	1:80:A:TYR:HA	15	2.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1136)	1:10:A:ASN:HD22	1:80:A:TYR:HA	16	2.81
(2,1095)	1:31:A:PRO:HG2	1:143:A:TRP:HA	5	2.81
(2,1095)	1:31:A:PRO:HG3	1:143:A:TRP:HA	5	2.81
(2,831)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	10	2.81
(2,831)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	10	2.81
(2,831)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	10	2.81
(2,831)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	10	2.81
(2,831)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	10	2.81
(2,831)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	10	2.81
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG21	16	2.81
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG22	16	2.81
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG23	16	2.81
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG21	16	2.81
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG22	16	2.81
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG23	16	2.81
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG21	16	2.81
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG22	16	2.81
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG23	16	2.81
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG11	16	2.81
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG12	16	2.81
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG13	16	2.81
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG11	16	2.81
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG12	16	2.81
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG13	16	2.81
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG11	16	2.81
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG12	16	2.81
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG13	16	2.81
(34,1722)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	1	2.8
(34,1722)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	1	2.8
(34,1722)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	1	2.8
(33,1388)	1:19:A:ALA:HB1	1:132:A:ALA:HA	11	2.8
(33,1388)	1:19:A:ALA:HB2	1:132:A:ALA:HA	11	2.8
(33,1388)	1:19:A:ALA:HB3	1:132:A:ALA:HA	11	2.8
(32,2033)	1:30:A:LEU:HD11	1:143:A:TRP:HE3	4	2.8
(32,2033)	1:30:A:LEU:HD12	1:143:A:TRP:HE3	4	2.8
(32,2033)	1:30:A:LEU:HD13	1:143:A:TRP:HE3	4	2.8
(32,2033)	1:30:A:LEU:HD21	1:143:A:TRP:HE3	4	2.8
(32,2033)	1:30:A:LEU:HD22	1:143:A:TRP:HE3	4	2.8
(32,2033)	1:30:A:LEU:HD23	1:143:A:TRP:HE3	4	2.8
(29,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HB	16	2.8
(29,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HB	16	2.8
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD11	14	2.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD12	14	2.8
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD13	14	2.8
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD21	14	2.8
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD22	14	2.8
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD23	14	2.8
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD11	14	2.8
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD12	14	2.8
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD13	14	2.8
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD21	14	2.8
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD22	14	2.8
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD23	14	2.8
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD11	14	2.8
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD12	14	2.8
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD13	14	2.8
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD21	14	2.8
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD22	14	2.8
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD23	14	2.8
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	15	2.8
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	15	2.8
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	15	2.8
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	15	2.8
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	15	2.8
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	15	2.8
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	15	2.8
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	15	2.8
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	15	2.8
(16,1626)	1:27:A:ARG:HA	1:30:A:LEU:H	5	2.8
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD2	17	2.8
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD3	17	2.8
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	4	2.8
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	4	2.8
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	4	2.8
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	4	2.8
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	4	2.8
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	4	2.8
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	4	2.8
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	4	2.8
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	4	2.8
(11,122)	1:78:A:HIS:HA	1:80:A:TYR:H	10	2.8
(9,1704)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	1	2.8
(9,1704)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	1	2.8
(9,1704)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	1	2.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1713)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	1	2.8
(6,1713)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	1	2.8
(6,1713)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	1	2.8
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD2	17	2.8
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD3	17	2.8
(5,2471)	1:144:A:LEU:HD11	1:147:A:ARG:HB2	11	2.8
(5,2471)	1:144:A:LEU:HD11	1:147:A:ARG:HB3	11	2.8
(5,2471)	1:144:A:LEU:HD12	1:147:A:ARG:HB2	11	2.8
(5,2471)	1:144:A:LEU:HD12	1:147:A:ARG:HB3	11	2.8
(5,2471)	1:144:A:LEU:HD13	1:147:A:ARG:HB2	11	2.8
(5,2471)	1:144:A:LEU:HD13	1:147:A:ARG:HB3	11	2.8
(5,2471)	1:144:A:LEU:HD21	1:147:A:ARG:HB2	11	2.8
(5,2471)	1:144:A:LEU:HD21	1:147:A:ARG:HB3	11	2.8
(5,2471)	1:144:A:LEU:HD22	1:147:A:ARG:HB2	11	2.8
(5,2471)	1:144:A:LEU:HD22	1:147:A:ARG:HB3	11	2.8
(5,2471)	1:144:A:LEU:HD23	1:147:A:ARG:HB2	11	2.8
(5,2471)	1:144:A:LEU:HD23	1:147:A:ARG:HB3	11	2.8
(5,2471)	1:144:A:LEU:HD11	1:147:A:ARG:HB2	17	2.8
(5,2471)	1:144:A:LEU:HD11	1:147:A:ARG:HB3	17	2.8
(5,2471)	1:144:A:LEU:HD12	1:147:A:ARG:HB2	17	2.8
(5,2471)	1:144:A:LEU:HD12	1:147:A:ARG:HB3	17	2.8
(5,2471)	1:144:A:LEU:HD13	1:147:A:ARG:HB2	17	2.8
(5,2471)	1:144:A:LEU:HD13	1:147:A:ARG:HB3	17	2.8
(5,2471)	1:144:A:LEU:HD21	1:147:A:ARG:HB2	17	2.8
(5,2471)	1:144:A:LEU:HD21	1:147:A:ARG:HB3	17	2.8
(5,2471)	1:144:A:LEU:HD22	1:147:A:ARG:HB2	17	2.8
(5,2471)	1:144:A:LEU:HD22	1:147:A:ARG:HB3	17	2.8
(5,2471)	1:144:A:LEU:HD23	1:147:A:ARG:HB2	17	2.8
(5,2471)	1:144:A:LEU:HD23	1:147:A:ARG:HB3	17	2.8
(5,2146)	1:43:A:MET:HE1	1:144:A:LEU:HB2	14	2.8
(5,2146)	1:43:A:MET:HE1	1:144:A:LEU:HB3	14	2.8
(5,2146)	1:43:A:MET:HE2	1:144:A:LEU:HB2	14	2.8
(5,2146)	1:43:A:MET:HE2	1:144:A:LEU:HB3	14	2.8
(5,2146)	1:43:A:MET:HE3	1:144:A:LEU:HB2	14	2.8
(5,2146)	1:43:A:MET:HE3	1:144:A:LEU:HB3	14	2.8
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	15	2.8
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	15	2.8
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	15	2.8
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	15	2.8
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	15	2.8
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	15	2.8
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	15	2.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	15	2.8
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	15	2.8
(5,755)	1:32:A:GLY:HA2	1:34:A:LYS:H	16	2.8
(4,1689)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	1	2.8
(4,1689)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	1	2.8
(4,1689)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	1	2.8
(3,2172)	1:43:A:MET:HE1	1:131:A:LEU:HB2	18	2.8
(3,2172)	1:43:A:MET:HE1	1:131:A:LEU:HB3	18	2.8
(3,2172)	1:43:A:MET:HE2	1:131:A:LEU:HB2	18	2.8
(3,2172)	1:43:A:MET:HE2	1:131:A:LEU:HB3	18	2.8
(3,2172)	1:43:A:MET:HE3	1:131:A:LEU:HB2	18	2.8
(3,2172)	1:43:A:MET:HE3	1:131:A:LEU:HB3	18	2.8
(3,1743)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	1	2.8
(3,1743)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	1	2.8
(3,1743)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	1	2.8
(2,1462)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	17	2.8
(2,1462)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	17	2.8
(2,1462)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	17	2.8
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG21	14	2.8
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG22	14	2.8
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG23	14	2.8
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG21	14	2.8
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG22	14	2.8
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG23	14	2.8
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG21	14	2.8
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG22	14	2.8
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG23	14	2.8
(1,881)	1:8:A:ASP:HB2	1:54:A:ARG:HE	7	2.8
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	15	2.79
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	15	2.79
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	15	2.79
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	15	2.79
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	15	2.79
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	15	2.79
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	15	2.79
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	15	2.79
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	15	2.79
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	15	2.79
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	15	2.79
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	15	2.79
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	15	2.79
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	15	2.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	15	2.79
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	15	2.79
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	15	2.79
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	15	2.79
(34,2018)	1:17:A:ASN:HB2	1:76:A:ARG:HA	17	2.79
(34,2018)	1:17:A:ASN:HB3	1:76:A:ARG:HA	17	2.79
(34,1903)	1:18:A:PHE:HE1	1:57:A:LEU:HG	6	2.79
(34,1903)	1:18:A:PHE:HE2	1:57:A:LEU:HG	6	2.79
(34,1490)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	14	2.79
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	5	2.79
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	5	2.79
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	5	2.79
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	5	2.79
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	5	2.79
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	5	2.79
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	5	2.79
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	5	2.79
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	5	2.79
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	5	2.79
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	5	2.79
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	5	2.79
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	5	2.79
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	5	2.79
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	5	2.79
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	5	2.79
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	5	2.79
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	5	2.79
(33,1616)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	7	2.79
(33,1616)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	7	2.79
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE1	13	2.79
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE2	13	2.79
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE1	13	2.79
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE2	13	2.79
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD11	9	2.79
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD12	9	2.79
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD13	9	2.79
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD21	9	2.79
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD22	9	2.79
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD23	9	2.79
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	13	2.79
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	13	2.79
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	13	2.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	13	2.79
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	13	2.79
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	13	2.79
(20,8)	1:56:A:CYS:SG	1:123:A:CYS:SG	16	2.79
(19,20)	1:56:A:CYS:SG	1:52:A:CYS:CB	1	2.79
(19,7)	1:123:A:CYS:SG	1:56:A:CYS:CB	4	2.79
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	13	2.79
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	13	2.79
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	13	2.79
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	13	2.79
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	13	2.79
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	13	2.79
(17,1497)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	14	2.79
(16,2064)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	3	2.79
(16,2064)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	3	2.79
(16,2064)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	3	2.79
(16,2064)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	3	2.79
(16,2064)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	3	2.79
(16,2064)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	3	2.79
(16,2064)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	3	2.79
(16,2064)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	3	2.79
(16,2064)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	3	2.79
(16,2064)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	3	2.79
(16,2064)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	3	2.79
(16,2064)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	3	2.79
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD11	3	2.79
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD12	3	2.79
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD13	3	2.79
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD21	3	2.79
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD22	3	2.79
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD23	3	2.79
(16,1613)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	7	2.79
(16,1613)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	7	2.79
(16,1473)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	14	2.79
(15,1988)	1:17:A:ASN:HB2	1:76:A:ARG:HA	17	2.79
(15,1988)	1:17:A:ASN:HB3	1:76:A:ARG:HA	17	2.79
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	13	2.79
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	13	2.79
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	13	2.79
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	13	2.79
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	13	2.79
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	13	2.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1657)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	7	2.79
(11,1657)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	7	2.79
(11,122)	1:78:A:HIS:HA	1:80:A:TYR:H	4	2.79
(11,122)	1:78:A:HIS:HA	1:80:A:TYR:H	16	2.79
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG11	7	2.79
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG12	7	2.79
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG13	7	2.79
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG21	7	2.79
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG22	7	2.79
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG23	7	2.79
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG11	7	2.79
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG12	7	2.79
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG13	7	2.79
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG21	7	2.79
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG22	7	2.79
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG23	7	2.79
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG11	7	2.79
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG12	7	2.79
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG13	7	2.79
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG21	7	2.79
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG22	7	2.79
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG23	7	2.79
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	13	2.79
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	13	2.79
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	13	2.79
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	13	2.79
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	13	2.79
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	13	2.79
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	13	2.79
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	13	2.79
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	13	2.79
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	13	2.79
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	13	2.79
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	13	2.79
(6,979)	1:31:A:PRO:HB2	1:144:A:LEU:HB3	11	2.79
(6,979)	1:31:A:PRO:HB3	1:144:A:LEU:HB3	11	2.79
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD2	2	2.79
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD3	2	2.79
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD2	2	2.79
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD3	2	2.79
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD2	2	2.79
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD3	2	2.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2006)	1:17:A:ASN:HB2	1:76:A:ARG:HA	17	2.79
(4,2006)	1:17:A:ASN:HB3	1:76:A:ARG:HA	17	2.79
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	13	2.79
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	13	2.79
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	13	2.79
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	13	2.79
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	13	2.79
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	13	2.79
(3,1656)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	7	2.79
(3,1656)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	7	2.79
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	13	2.79
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	13	2.79
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	13	2.79
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	13	2.79
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	13	2.79
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	13	2.79
(2,2038)	1:17:A:ASN:HB2	1:76:A:ARG:HA	17	2.79
(2,2038)	1:17:A:ASN:HB3	1:76:A:ARG:HA	17	2.79
(2,1922)	1:18:A:PHE:HE1	1:57:A:LEU:HG	6	2.79
(2,1922)	1:18:A:PHE:HE2	1:57:A:LEU:HG	6	2.79
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG21	13	2.79
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG22	13	2.79
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG23	13	2.79
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	5	2.79
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	5	2.79
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	5	2.79
(1,1158)	1:39:A:VAL:HB	1:139:A:LEU:HA	19	2.79
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	6	2.78
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	6	2.78
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	6	2.78
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	6	2.78
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	6	2.78
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	6	2.78
(33,2497)	1:144:A:LEU:HD11	1:147:A:ARG:HB2	4	2.78
(33,2497)	1:144:A:LEU:HD11	1:147:A:ARG:HB3	4	2.78
(33,2497)	1:144:A:LEU:HD12	1:147:A:ARG:HB2	4	2.78
(33,2497)	1:144:A:LEU:HD12	1:147:A:ARG:HB3	4	2.78
(33,2497)	1:144:A:LEU:HD13	1:147:A:ARG:HB2	4	2.78
(33,2497)	1:144:A:LEU:HD13	1:147:A:ARG:HB3	4	2.78
(33,2497)	1:144:A:LEU:HD21	1:147:A:ARG:HB2	4	2.78
(33,2497)	1:144:A:LEU:HD21	1:147:A:ARG:HB3	4	2.78
(33,2497)	1:144:A:LEU:HD22	1:147:A:ARG:HB2	4	2.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2497)	1:144:A:LEU:HD22	1:147:A:ARG:HB3	4	2.78
(33,2497)	1:144:A:LEU:HD23	1:147:A:ARG:HB2	4	2.78
(33,2497)	1:144:A:LEU:HD23	1:147:A:ARG:HB3	4	2.78
(33,1710)	1:13:A:ALA:HA	1:79:A:THR:HG21	11	2.78
(33,1710)	1:13:A:ALA:HA	1:79:A:THR:HG22	11	2.78
(33,1710)	1:13:A:ALA:HA	1:79:A:THR:HG23	11	2.78
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	4	2.78
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	4	2.78
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	4	2.78
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	4	2.78
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD11	1	2.78
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD12	1	2.78
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD13	1	2.78
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD21	1	2.78
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD22	1	2.78
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD23	1	2.78
(32,1914)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	17	2.78
(32,1914)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	17	2.78
(32,1914)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	17	2.78
(32,1914)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	17	2.78
(32,1677)	1:13:A:ALA:HA	1:79:A:THR:HG21	11	2.78
(32,1677)	1:13:A:ALA:HA	1:79:A:THR:HG22	11	2.78
(32,1677)	1:13:A:ALA:HA	1:79:A:THR:HG23	11	2.78
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD11	15	2.78
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD12	15	2.78
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD13	15	2.78
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD21	15	2.78
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD22	15	2.78
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD23	15	2.78
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD11	15	2.78
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD12	15	2.78
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD13	15	2.78
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD21	15	2.78
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD22	15	2.78
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD23	15	2.78
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD11	15	2.78
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD12	15	2.78
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD13	15	2.78
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD21	15	2.78
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD22	15	2.78
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD23	15	2.78
(20,2)	1:123:A:CYS:SG	1:127:A:CYS:SG	5	2.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1704)	1:13:A:ALA:HA	1:79:A:THR:HG21	11	2.78
(18,1704)	1:13:A:ALA:HA	1:79:A:THR:HG22	11	2.78
(18,1704)	1:13:A:ALA:HA	1:79:A:THR:HG23	11	2.78
(17,2069)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	3	2.78
(17,2069)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	3	2.78
(17,2069)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	3	2.78
(17,2069)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	3	2.78
(17,2069)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	3	2.78
(17,2069)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	3	2.78
(17,2069)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	3	2.78
(17,2069)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	3	2.78
(17,2069)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	3	2.78
(17,2069)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	3	2.78
(17,2069)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	3	2.78
(17,2069)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	3	2.78
(17,436)	1:68:A:LYS:H	1:70:A:LYS:HG2	15	2.78
(16,1712)	1:13:A:ALA:HA	1:79:A:THR:HG21	11	2.78
(16,1712)	1:13:A:ALA:HA	1:79:A:THR:HG22	11	2.78
(16,1712)	1:13:A:ALA:HA	1:79:A:THR:HG23	11	2.78
(16,1545)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	3	2.78
(16,1545)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	3	2.78
(16,1545)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	3	2.78
(16,1545)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	3	2.78
(16,1545)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	3	2.78
(16,1545)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	3	2.78
(16,445)	1:68:A:LYS:H	1:70:A:LYS:HG2	15	2.78
(16,121)	1:78:A:HIS:HA	1:80:A:TYR:H	10	2.78
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	12	2.78
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	12	2.78
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	12	2.78
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	12	2.78
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	12	2.78
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	12	2.78
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	12	2.78
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	12	2.78
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	12	2.78
(13,1596)	1:12:A:VAL:HA	1:80:A:TYR:HB3	6	2.78
(11,1756)	1:13:A:ALA:HA	1:79:A:THR:HG21	11	2.78
(11,1756)	1:13:A:ALA:HA	1:79:A:THR:HG22	11	2.78
(11,1756)	1:13:A:ALA:HA	1:79:A:THR:HG23	11	2.78
(11,122)	1:78:A:HIS:HA	1:80:A:TYR:H	13	2.78
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	2	2.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	2	2.78
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	2	2.78
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	2	2.78
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	2	2.78
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	2	2.78
(9,1855)	1:18:A:PHE:HA	1:113:A:PHE:HE1	12	2.78
(9,1855)	1:18:A:PHE:HA	1:113:A:PHE:HE2	12	2.78
(9,1712)	1:13:A:ALA:HA	1:79:A:THR:HG21	11	2.78
(9,1712)	1:13:A:ALA:HA	1:79:A:THR:HG22	11	2.78
(9,1712)	1:13:A:ALA:HA	1:79:A:THR:HG23	11	2.78
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE1	10	2.78
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE2	10	2.78
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE3	10	2.78
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE1	10	2.78
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE2	10	2.78
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE3	10	2.78
(6,1959)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	17	2.78
(6,1959)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	17	2.78
(6,1959)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	17	2.78
(6,1959)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	17	2.78
(6,1721)	1:13:A:ALA:HA	1:79:A:THR:HG21	11	2.78
(6,1721)	1:13:A:ALA:HA	1:79:A:THR:HG22	11	2.78
(6,1721)	1:13:A:ALA:HA	1:79:A:THR:HG23	11	2.78
(4,1699)	1:13:A:ALA:HA	1:79:A:THR:HG21	11	2.78
(4,1699)	1:13:A:ALA:HA	1:79:A:THR:HG22	11	2.78
(4,1699)	1:13:A:ALA:HA	1:79:A:THR:HG23	11	2.78
(3,1752)	1:13:A:ALA:HA	1:79:A:THR:HG21	11	2.78
(3,1752)	1:13:A:ALA:HA	1:79:A:THR:HG22	11	2.78
(3,1752)	1:13:A:ALA:HA	1:79:A:THR:HG23	11	2.78
(3,122)	1:78:A:HIS:HA	1:80:A:TYR:H	10	2.78
(2,1739)	1:13:A:ALA:HA	1:79:A:THR:HG21	11	2.78
(2,1739)	1:13:A:ALA:HA	1:79:A:THR:HG22	11	2.78
(2,1739)	1:13:A:ALA:HA	1:79:A:THR:HG23	11	2.78
(2,1645)	1:12:A:VAL:HA	1:80:A:TYR:HB3	6	2.78
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD11	3	2.78
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD12	3	2.78
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD13	3	2.78
(2,1125)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	3	2.78
(2,1125)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	3	2.78
(2,1125)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	3	2.78
(2,1125)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	3	2.78
(2,1125)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	3	2.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1125)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	3	2.78
(1,2052)	1:30:A:LEU:HD11	1:144:A:LEU:HA	1	2.78
(1,2052)	1:30:A:LEU:HD12	1:144:A:LEU:HA	1	2.78
(1,2052)	1:30:A:LEU:HD13	1:144:A:LEU:HA	1	2.78
(1,2052)	1:30:A:LEU:HD21	1:144:A:LEU:HA	1	2.78
(1,2052)	1:30:A:LEU:HD22	1:144:A:LEU:HA	1	2.78
(1,2052)	1:30:A:LEU:HD23	1:144:A:LEU:HA	1	2.78
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE1	10	2.78
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE2	10	2.78
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE3	10	2.78
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE1	10	2.78
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE2	10	2.78
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE3	10	2.78
(34,1973)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	7	2.77
(34,1973)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	7	2.77
(34,1973)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	7	2.77
(34,1973)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	7	2.77
(34,1973)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	7	2.77
(34,1973)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	7	2.77
(29,1993)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	7	2.77
(29,1993)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	7	2.77
(29,1993)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	7	2.77
(29,1993)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	7	2.77
(29,1993)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	7	2.77
(29,1993)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	7	2.77
(18,1972)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	7	2.77
(18,1972)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	7	2.77
(18,1972)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	7	2.77
(18,1972)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	7	2.77
(18,1972)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	7	2.77
(18,1972)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	7	2.77
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	10	2.77
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	10	2.77
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	10	2.77
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	10	2.77
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	10	2.77
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	10	2.77
(18,1373)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	13	2.77
(18,1373)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	13	2.77
(18,1373)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	13	2.77
(18,1373)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	13	2.77
(18,1373)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	13	2.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1373)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	13	2.77
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD11	6	2.77
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD12	6	2.77
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD13	6	2.77
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD21	6	2.77
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD22	6	2.77
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD23	6	2.77
(16,121)	1:78:A:HIS:HA	1:80:A:TYR:H	4	2.77
(16,121)	1:78:A:HIS:HA	1:80:A:TYR:H	16	2.77
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG11	12	2.77
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG12	12	2.77
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG13	12	2.77
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG21	12	2.77
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG22	12	2.77
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG23	12	2.77
(13,1933)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	7	2.77
(13,1933)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	7	2.77
(13,1933)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	7	2.77
(13,1933)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	7	2.77
(13,1933)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	7	2.77
(13,1933)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	7	2.77
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG21	17	2.77
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG22	17	2.77
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG23	17	2.77
(11,1994)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	7	2.77
(11,1994)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	7	2.77
(11,1994)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	7	2.77
(11,1994)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	7	2.77
(11,1994)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	7	2.77
(11,1994)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	7	2.77
(9,153)	1:67:A:PRO:HD3	1:95:A:ILE:H	1	2.77
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	13	2.77
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	13	2.77
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	13	2.77
(7,1004)	1:34:A:LYS:H	1:81:A:GLU:HB3	19	2.77
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	11	2.77
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	11	2.77
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	11	2.77
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	11	2.77
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	11	2.77
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	11	2.77
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	11	2.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	11	2.77
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	11	2.77
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	11	2.77
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	11	2.77
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	11	2.77
(4,1960)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	7	2.77
(4,1960)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	7	2.77
(4,1960)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	7	2.77
(4,1960)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	7	2.77
(4,1960)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	7	2.77
(4,1960)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	7	2.77
(3,1997)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	7	2.77
(3,1997)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	7	2.77
(3,1997)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	7	2.77
(3,1997)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	7	2.77
(3,1997)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	7	2.77
(3,1997)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	7	2.77
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD21	11	2.77
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD22	11	2.77
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD23	11	2.77
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD21	11	2.77
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD22	11	2.77
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD23	11	2.77
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD21	11	2.77
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD22	11	2.77
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD23	11	2.77
(3,863)	1:43:A:MET:HE1	1:144:A:LEU:HB3	16	2.77
(3,863)	1:43:A:MET:HE2	1:144:A:LEU:HB3	16	2.77
(3,863)	1:43:A:MET:HE3	1:144:A:LEU:HB3	16	2.77
(3,122)	1:78:A:HIS:HA	1:80:A:TYR:H	4	2.77
(3,122)	1:78:A:HIS:HA	1:80:A:TYR:H	16	2.77
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	8	2.77
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	8	2.77
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	8	2.77
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	8	2.77
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	8	2.77
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	8	2.77
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	8	2.77
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	8	2.77
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	8	2.77
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	17	2.77
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	17	2.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	17	2.77
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	17	2.77
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	17	2.77
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	17	2.77
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	17	2.77
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	17	2.77
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	17	2.77
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	13	2.77
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	13	2.77
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	13	2.77
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD11	7	2.76
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD12	7	2.76
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD13	7	2.76
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD21	7	2.76
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD22	7	2.76
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD23	7	2.76
(34,1655)	1:31:A:PRO:HD3	1:140:A:LEU:HA	10	2.76
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD21	10	2.76
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD22	10	2.76
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD23	10	2.76
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	12	2.76
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	12	2.76
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	12	2.76
(30,1953)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	11	2.76
(30,1953)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	11	2.76
(30,1953)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	11	2.76
(30,1953)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	11	2.76
(30,66)	1:33:A:LYS:HB2	1:81:A:GLU:H	8	2.76
(30,66)	1:33:A:LYS:HB3	1:81:A:GLU:H	8	2.76
(29,2036)	1:17:A:ASN:HB2	1:76:A:ARG:HD2	12	2.76
(29,2036)	1:17:A:ASN:HB2	1:76:A:ARG:HD3	12	2.76
(29,2036)	1:17:A:ASN:HB3	1:76:A:ARG:HD2	12	2.76
(29,2036)	1:17:A:ASN:HB3	1:76:A:ARG:HD3	12	2.76
(19,17)	1:56:A:CYS:SG	1:120:A:CYS:CB	14	2.76
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD11	7	2.76
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD12	7	2.76
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD13	7	2.76
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD21	7	2.76
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD22	7	2.76
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD23	7	2.76
(18,1629)	1:31:A:PRO:HD3	1:140:A:LEU:HA	10	2.76
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD11	7	2.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD12	7	2.76
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD13	7	2.76
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD21	7	2.76
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD22	7	2.76
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD23	7	2.76
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD11	8	2.76
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD12	8	2.76
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD13	8	2.76
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD21	8	2.76
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD22	8	2.76
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD23	8	2.76
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	15	2.76
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	15	2.76
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	15	2.76
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	15	2.76
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	15	2.76
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	15	2.76
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	15	2.76
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	15	2.76
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	15	2.76
(16,121)	1:78:A:HIS:HA	1:80:A:TYR:H	13	2.76
(15,2496)	1:144:A:LEU:HD11	1:148:A:CYS:H	12	2.76
(15,2496)	1:144:A:LEU:HD12	1:148:A:CYS:H	12	2.76
(15,2496)	1:144:A:LEU:HD13	1:148:A:CYS:H	12	2.76
(15,2496)	1:144:A:LEU:HD21	1:148:A:CYS:H	12	2.76
(15,2496)	1:144:A:LEU:HD22	1:148:A:CYS:H	12	2.76
(15,2496)	1:144:A:LEU:HD23	1:148:A:CYS:H	12	2.76
(15,1931)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	11	2.76
(15,1931)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	11	2.76
(15,1931)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	11	2.76
(15,1931)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	11	2.76
(15,70)	1:33:A:LYS:HB2	1:81:A:GLU:H	8	2.76
(15,70)	1:33:A:LYS:HB3	1:81:A:GLU:H	8	2.76
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD11	7	2.76
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD12	7	2.76
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD13	7	2.76
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD21	7	2.76
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD22	7	2.76
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD23	7	2.76
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	11	2.76
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	11	2.76
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	11	2.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	11	2.76
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	11	2.76
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	11	2.76
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	11	2.76
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	11	2.76
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	11	2.76
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD21	10	2.76
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD22	10	2.76
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD23	10	2.76
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG11	9	2.76
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG12	9	2.76
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG13	9	2.76
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG21	9	2.76
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG22	9	2.76
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG23	9	2.76
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG21	17	2.76
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG22	17	2.76
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG23	17	2.76
(5,2471)	1:144:A:LEU:HD11	1:147:A:ARG:HB2	19	2.76
(5,2471)	1:144:A:LEU:HD11	1:147:A:ARG:HB3	19	2.76
(5,2471)	1:144:A:LEU:HD12	1:147:A:ARG:HB2	19	2.76
(5,2471)	1:144:A:LEU:HD12	1:147:A:ARG:HB3	19	2.76
(5,2471)	1:144:A:LEU:HD13	1:147:A:ARG:HB2	19	2.76
(5,2471)	1:144:A:LEU:HD13	1:147:A:ARG:HB3	19	2.76
(5,2471)	1:144:A:LEU:HD21	1:147:A:ARG:HB2	19	2.76
(5,2471)	1:144:A:LEU:HD21	1:147:A:ARG:HB3	19	2.76
(5,2471)	1:144:A:LEU:HD22	1:147:A:ARG:HB2	19	2.76
(5,2471)	1:144:A:LEU:HD22	1:147:A:ARG:HB3	19	2.76
(5,2471)	1:144:A:LEU:HD23	1:147:A:ARG:HB2	19	2.76
(5,2471)	1:144:A:LEU:HD23	1:147:A:ARG:HB3	19	2.76
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD11	7	2.76
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD12	7	2.76
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD13	7	2.76
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD21	7	2.76
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD22	7	2.76
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD23	7	2.76
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD11	12	2.76
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD12	12	2.76
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD13	12	2.76
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB1	19	2.76
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB2	19	2.76
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB3	19	2.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,122)	1:78:A:HIS:HA	1:80:A:TYR:H	13	2.76
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG21	7	2.76
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG22	7	2.76
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG23	7	2.76
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG11	15	2.75
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG12	15	2.75
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG13	15	2.75
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG21	15	2.75
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG22	15	2.75
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG23	15	2.75
(34,1655)	1:31:A:PRO:HD3	1:140:A:LEU:HA	1	2.75
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD21	10	2.75
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD22	10	2.75
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD23	10	2.75
(34,1094)	1:66:A:THR:HG21	1:95:A:ILE:HA	12	2.75
(34,1094)	1:66:A:THR:HG22	1:95:A:ILE:HA	12	2.75
(34,1094)	1:66:A:THR:HG23	1:95:A:ILE:HA	12	2.75
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB2	1	2.75
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB3	1	2.75
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG21	18	2.75
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG22	18	2.75
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG23	18	2.75
(33,1634)	1:102:A:PRO:HA	1:105:A:LYS:HD2	11	2.75
(33,1634)	1:102:A:PRO:HA	1:105:A:LYS:HD3	11	2.75
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG21	18	2.75
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG22	18	2.75
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG23	18	2.75
(29,1838)	1:9:A:PHE:HZ	1:54:A:ARG:HE	17	2.75
(18,1629)	1:31:A:PRO:HD3	1:140:A:LEU:HA	1	2.75
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	15	2.75
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	15	2.75
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	15	2.75
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	15	2.75
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	15	2.75
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	15	2.75
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	15	2.75
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	15	2.75
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	15	2.75
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	15	2.75
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	15	2.75
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	15	2.75
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	15	2.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	15	2.75
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	15	2.75
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	15	2.75
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	15	2.75
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	15	2.75
(13,1846)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	8	2.75
(13,1846)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	8	2.75
(13,1016)	1:60:A:LEU:H	1:63:A:ILE:HG13	11	2.75
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG21	8	2.75
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG22	8	2.75
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG23	8	2.75
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE1	13	2.75
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE2	13	2.75
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE1	13	2.75
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE2	13	2.75
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD21	4	2.75
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD22	4	2.75
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD23	4	2.75
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD11	9	2.75
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD12	9	2.75
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD13	9	2.75
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD21	9	2.75
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD22	9	2.75
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD23	9	2.75
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD11	16	2.75
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD12	16	2.75
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD13	16	2.75
(3,1465)	1:31:A:PRO:HD3	1:143:A:TRP:HA	5	2.75
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG21	11	2.75
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG22	11	2.75
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG23	11	2.75
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG11	11	2.75
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG12	11	2.75
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG13	11	2.75
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE1	1	2.75
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE2	1	2.75
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	9	2.75
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	9	2.75
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	9	2.75
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE1	18	2.74
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE2	18	2.74
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE3	18	2.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2497)	1:144:A:LEU:HD11	1:147:A:ARG:HB2	11	2.74
(33,2497)	1:144:A:LEU:HD11	1:147:A:ARG:HB3	11	2.74
(33,2497)	1:144:A:LEU:HD12	1:147:A:ARG:HB2	11	2.74
(33,2497)	1:144:A:LEU:HD12	1:147:A:ARG:HB3	11	2.74
(33,2497)	1:144:A:LEU:HD13	1:147:A:ARG:HB2	11	2.74
(33,2497)	1:144:A:LEU:HD13	1:147:A:ARG:HB3	11	2.74
(33,2497)	1:144:A:LEU:HD21	1:147:A:ARG:HB2	11	2.74
(33,2497)	1:144:A:LEU:HD21	1:147:A:ARG:HB3	11	2.74
(33,2497)	1:144:A:LEU:HD22	1:147:A:ARG:HB2	11	2.74
(33,2497)	1:144:A:LEU:HD22	1:147:A:ARG:HB3	11	2.74
(33,2497)	1:144:A:LEU:HD23	1:147:A:ARG:HB2	11	2.74
(33,2497)	1:144:A:LEU:HD23	1:147:A:ARG:HB3	11	2.74
(33,2497)	1:144:A:LEU:HD11	1:147:A:ARG:HB2	17	2.74
(33,2497)	1:144:A:LEU:HD11	1:147:A:ARG:HB3	17	2.74
(33,2497)	1:144:A:LEU:HD12	1:147:A:ARG:HB2	17	2.74
(33,2497)	1:144:A:LEU:HD12	1:147:A:ARG:HB3	17	2.74
(33,2497)	1:144:A:LEU:HD13	1:147:A:ARG:HB2	17	2.74
(33,2497)	1:144:A:LEU:HD13	1:147:A:ARG:HB3	17	2.74
(33,2497)	1:144:A:LEU:HD21	1:147:A:ARG:HB2	17	2.74
(33,2497)	1:144:A:LEU:HD21	1:147:A:ARG:HB3	17	2.74
(33,2497)	1:144:A:LEU:HD22	1:147:A:ARG:HB2	17	2.74
(33,2497)	1:144:A:LEU:HD22	1:147:A:ARG:HB3	17	2.74
(33,2497)	1:144:A:LEU:HD23	1:147:A:ARG:HB2	17	2.74
(33,2497)	1:144:A:LEU:HD23	1:147:A:ARG:HB3	17	2.74
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB1	2	2.74
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB2	2	2.74
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB3	2	2.74
(33,558)	1:10:A:ASN:HD21	1:14:A:VAL:HB	8	2.74
(32,1378)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	9	2.74
(32,1378)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	9	2.74
(32,1378)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	9	2.74
(32,1084)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	2	2.74
(32,1084)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	2	2.74
(19,6)	1:123:A:CYS:SG	1:52:A:CYS:CB	8	2.74
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	6	2.74
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	6	2.74
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	6	2.74
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	6	2.74
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	6	2.74
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	6	2.74
(17,992)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	13	2.74
(17,992)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	13	2.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,566)	1:10:A:ASN:HD21	1:14:A:VAL:HB	8	2.74
(15,967)	1:33:A:LYS:HB2	1:80:A:TYR:HB2	11	2.74
(15,967)	1:33:A:LYS:HB3	1:80:A:TYR:HB2	11	2.74
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB1	15	2.74
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB2	15	2.74
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB3	15	2.74
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG2	1	2.74
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG3	1	2.74
(13,555)	1:10:A:ASN:HD21	1:14:A:VAL:HB	8	2.74
(11,122)	1:78:A:HIS:HA	1:80:A:TYR:H	7	2.74
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	5	2.74
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	5	2.74
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	5	2.74
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	5	2.74
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB1	2	2.74
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB2	2	2.74
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB3	2	2.74
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG11	18	2.74
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG12	18	2.74
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG13	18	2.74
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG21	18	2.74
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG22	18	2.74
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG23	18	2.74
(7,560)	1:10:A:ASN:HD21	1:14:A:VAL:HB	8	2.74
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	18	2.74
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	18	2.74
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	18	2.74
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	18	2.74
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	18	2.74
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	18	2.74
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	18	2.74
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	18	2.74
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	18	2.74
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	18	2.74
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	18	2.74
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	18	2.74
(5,2471)	1:144:A:LEU:HD11	1:147:A:ARG:HB2	6	2.74
(5,2471)	1:144:A:LEU:HD11	1:147:A:ARG:HB3	6	2.74
(5,2471)	1:144:A:LEU:HD12	1:147:A:ARG:HB2	6	2.74
(5,2471)	1:144:A:LEU:HD12	1:147:A:ARG:HB3	6	2.74
(5,2471)	1:144:A:LEU:HD13	1:147:A:ARG:HB2	6	2.74
(5,2471)	1:144:A:LEU:HD13	1:147:A:ARG:HB3	6	2.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2471)	1:144:A:LEU:HD21	1:147:A:ARG:HB2	6	2.74
(5,2471)	1:144:A:LEU:HD21	1:147:A:ARG:HB3	6	2.74
(5,2471)	1:144:A:LEU:HD22	1:147:A:ARG:HB2	6	2.74
(5,2471)	1:144:A:LEU:HD22	1:147:A:ARG:HB3	6	2.74
(5,2471)	1:144:A:LEU:HD23	1:147:A:ARG:HB2	6	2.74
(5,2471)	1:144:A:LEU:HD23	1:147:A:ARG:HB3	6	2.74
(5,1257)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	15	2.74
(5,1257)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	15	2.74
(5,1257)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	15	2.74
(5,555)	1:10:A:ASN:HD21	1:14:A:VAL:HB	8	2.74
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB1	15	2.74
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB2	15	2.74
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB3	15	2.74
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	5	2.74
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	5	2.74
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	5	2.74
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	5	2.74
(3,1435)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	9	2.74
(3,1435)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	9	2.74
(3,1435)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	9	2.74
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	1	2.74
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	1	2.74
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	1	2.74
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	1	2.74
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	1	2.74
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	1	2.74
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	1	2.74
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	1	2.74
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	1	2.74
(2,1462)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	10	2.74
(2,1462)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	10	2.74
(2,1462)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	10	2.74
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG11	17	2.74
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG12	17	2.74
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG13	17	2.74
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG21	17	2.74
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG22	17	2.74
(1,2016)	1:20:A:THR:HB	1:134:A:VAL:HG23	17	2.74
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	17	2.74
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	17	2.74
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	17	2.74
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB1	15	2.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB2	15	2.74
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB3	15	2.74
(1,564)	1:10:A:ASN:HD21	1:14:A:VAL:HB	8	2.74
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	7	2.73
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	7	2.73
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	7	2.73
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	7	2.73
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	7	2.73
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	7	2.73
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	7	2.73
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	7	2.73
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	7	2.73
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	7	2.73
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	7	2.73
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	7	2.73
(34,60)	1:34:A:LYS:H	1:81:A:GLU:H	6	2.73
(33,718)	1:44:A:GLU:HB2	1:54:A:ARG:HE	11	2.73
(33,718)	1:44:A:GLU:HB3	1:54:A:ARG:HE	11	2.73
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	11	2.73
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	11	2.73
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	11	2.73
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	11	2.73
(32,57)	1:34:A:LYS:H	1:81:A:GLU:H	6	2.73
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	10	2.73
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	10	2.73
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	10	2.73
(30,1099)	1:18:A:PHE:HA	1:113:A:PHE:HZ	12	2.73
(29,2072)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	3	2.73
(29,2072)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	3	2.73
(29,2072)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	3	2.73
(29,2072)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	3	2.73
(29,2072)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	3	2.73
(29,2072)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	3	2.73
(29,2072)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	3	2.73
(29,2072)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	3	2.73
(29,2072)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	3	2.73
(29,2072)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	3	2.73
(29,2072)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	3	2.73
(29,2072)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	3	2.73
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	10	2.73
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	10	2.73
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	10	2.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(19,20)	1:56:A:CYS:SG	1:52:A:CYS:CB	10	2.73
(19,16)	1:52:A:CYS:SG	1:56:A:CYS:CB	4	2.73
(17,2071)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	3	2.73
(17,2071)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	3	2.73
(17,2071)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	3	2.73
(17,2071)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	3	2.73
(17,2071)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	3	2.73
(17,2071)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	3	2.73
(17,2071)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	3	2.73
(17,2071)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	3	2.73
(17,2071)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	3	2.73
(17,2071)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	3	2.73
(17,2071)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	3	2.73
(17,2071)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	3	2.73
(16,1937)	1:10:A:ASN:HD21	1:15:A:ALA:H	12	2.73
(16,1937)	1:10:A:ASN:HD22	1:15:A:ALA:H	12	2.73
(16,59)	1:34:A:LYS:H	1:81:A:GLU:H	6	2.73
(15,2032)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	3	2.73
(15,2032)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	3	2.73
(15,2032)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	3	2.73
(15,2032)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	3	2.73
(15,2032)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	3	2.73
(15,2032)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	3	2.73
(15,2032)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	3	2.73
(15,2032)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	3	2.73
(15,2032)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	3	2.73
(15,2032)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	3	2.73
(15,2032)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	3	2.73
(15,2032)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	3	2.73
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD2	19	2.73
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD3	19	2.73
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD11	2	2.73
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD12	2	2.73
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD13	2	2.73
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD11	2	2.73
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD12	2	2.73
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD13	2	2.73
(9,2039)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	3	2.73
(9,2039)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	3	2.73
(9,2039)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	3	2.73
(9,2039)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	3	2.73
(9,2039)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	3	2.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2039)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	3	2.73
(9,2039)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	3	2.73
(9,2039)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	3	2.73
(9,2039)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	3	2.73
(9,2039)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	3	2.73
(9,2039)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	3	2.73
(9,2039)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	3	2.73
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG11	3	2.73
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG12	3	2.73
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG13	3	2.73
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG21	3	2.73
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG22	3	2.73
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG23	3	2.73
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD21	13	2.73
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD22	13	2.73
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD23	13	2.73
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD2	19	2.73
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD3	19	2.73
(6,979)	1:31:A:PRO:HB2	1:144:A:LEU:HB3	4	2.73
(6,979)	1:31:A:PRO:HB3	1:144:A:LEU:HB3	4	2.73
(3,861)	1:43:A:MET:HE1	1:144:A:LEU:HB2	11	2.73
(3,861)	1:43:A:MET:HE2	1:144:A:LEU:HB2	11	2.73
(3,861)	1:43:A:MET:HE3	1:144:A:LEU:HB2	11	2.73
(3,728)	1:44:A:GLU:HB2	1:54:A:ARG:HE	11	2.73
(3,728)	1:44:A:GLU:HB3	1:54:A:ARG:HE	11	2.73
(3,63)	1:34:A:LYS:H	1:81:A:GLU:H	6	2.73
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	16	2.73
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	16	2.73
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	16	2.73
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	16	2.73
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	16	2.73
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	16	2.73
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	16	2.73
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	16	2.73
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	16	2.73
(2,714)	1:44:A:GLU:HB2	1:54:A:ARG:HE	11	2.73
(2,714)	1:44:A:GLU:HB3	1:54:A:ARG:HE	11	2.73
(34,1094)	1:66:A:THR:HG21	1:95:A:ILE:HA	13	2.72
(34,1094)	1:66:A:THR:HG22	1:95:A:ILE:HA	13	2.72
(34,1094)	1:66:A:THR:HG23	1:95:A:ILE:HA	13	2.72
(32,1706)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	6	2.72
(32,1706)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	6	2.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	6	2.72
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	6	2.72
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	6	2.72
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	6	2.72
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	6	2.72
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	6	2.72
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD11	9	2.72
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD12	9	2.72
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD13	9	2.72
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD21	9	2.72
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD22	9	2.72
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD23	9	2.72
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD11	7	2.72
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD12	7	2.72
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD13	7	2.72
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD21	7	2.72
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD22	7	2.72
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD23	7	2.72
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD11	9	2.72
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD12	9	2.72
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD13	9	2.72
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD21	9	2.72
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD22	9	2.72
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD23	9	2.72
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD11	19	2.72
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD12	19	2.72
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD13	19	2.72
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD21	19	2.72
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD22	19	2.72
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD23	19	2.72
(29,1711)	1:53:A:THR:H	1:124:A:THR:HB	14	2.72
(29,1040)	1:8:A:ASP:H	1:58:A:ILE:HG12	12	2.72
(29,660)	1:96:A:VAL:HA	1:116:A:GLN:HE22	7	2.72
(18,667)	1:96:A:VAL:HA	1:116:A:GLN:HE22	7	2.72
(16,121)	1:78:A:HIS:HA	1:80:A:TYR:H	7	2.72
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB2	12	2.72
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB3	12	2.72
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB2	12	2.72
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB3	12	2.72
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB2	12	2.72
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB3	12	2.72
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG11	1	2.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG12	1	2.72
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG13	1	2.72
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG21	1	2.72
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG22	1	2.72
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG23	1	2.72
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG21	14	2.72
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG22	14	2.72
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG23	14	2.72
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	4	2.72
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	4	2.72
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	4	2.72
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	4	2.72
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	4	2.72
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	4	2.72
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	4	2.72
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	4	2.72
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	4	2.72
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	4	2.72
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	4	2.72
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	4	2.72
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD11	14	2.72
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD12	14	2.72
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD13	14	2.72
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD21	14	2.72
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD22	14	2.72
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD23	14	2.72
(4,1882)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	4	2.72
(4,1882)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	4	2.72
(4,1882)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	18	2.72
(4,1882)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	18	2.72
(3,122)	1:78:A:HIS:HA	1:80:A:TYR:H	7	2.72
(2,978)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	13	2.72
(2,978)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	13	2.72
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG21	9	2.72
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG22	9	2.72
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG23	9	2.72
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG21	7	2.72
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG22	7	2.72
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG23	7	2.72
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG21	7	2.72
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG22	7	2.72
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG23	7	2.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG21	7	2.72
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG22	7	2.72
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG23	7	2.72
(1,662)	1:96:A:VAL:HA	1:116:A:GLN:HE22	7	2.72
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG11	12	2.71
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG12	12	2.71
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG13	12	2.71
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG21	12	2.71
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG22	12	2.71
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG23	12	2.71
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	16	2.71
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	16	2.71
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	16	2.71
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	16	2.71
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	16	2.71
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	16	2.71
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	16	2.71
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	16	2.71
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	16	2.71
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	16	2.71
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	16	2.71
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	16	2.71
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	16	2.71
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	16	2.71
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	16	2.71
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	16	2.71
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	16	2.71
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	16	2.71
(34,1977)	1:12:A:VAL:HG11	1:79:A:THR:HA	12	2.71
(34,1977)	1:12:A:VAL:HG12	1:79:A:THR:HA	12	2.71
(34,1977)	1:12:A:VAL:HG13	1:79:A:THR:HA	12	2.71
(34,1977)	1:12:A:VAL:HG21	1:79:A:THR:HA	12	2.71
(34,1977)	1:12:A:VAL:HG22	1:79:A:THR:HA	12	2.71
(34,1977)	1:12:A:VAL:HG23	1:79:A:THR:HA	12	2.71
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	16	2.71
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	16	2.71
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	16	2.71
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	16	2.71
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	16	2.71
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	16	2.71
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	16	2.71
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	16	2.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	16	2.71
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	16	2.71
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	16	2.71
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	16	2.71
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	16	2.71
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	16	2.71
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	16	2.71
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	16	2.71
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	16	2.71
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	16	2.71
(32,1378)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	10	2.71
(32,1378)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	10	2.71
(32,1378)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	10	2.71
(29,660)	1:96:A:VAL:HA	1:116:A:GLN:HE22	4	2.71
(18,2054)	1:30:A:LEU:HD11	1:136:A:CYS:HA	15	2.71
(18,2054)	1:30:A:LEU:HD12	1:136:A:CYS:HA	15	2.71
(18,2054)	1:30:A:LEU:HD13	1:136:A:CYS:HA	15	2.71
(18,2054)	1:30:A:LEU:HD21	1:136:A:CYS:HA	15	2.71
(18,2054)	1:30:A:LEU:HD22	1:136:A:CYS:HA	15	2.71
(18,2054)	1:30:A:LEU:HD23	1:136:A:CYS:HA	15	2.71
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	16	2.71
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	16	2.71
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	16	2.71
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	16	2.71
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	16	2.71
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	16	2.71
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	16	2.71
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	16	2.71
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	16	2.71
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	16	2.71
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	16	2.71
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	16	2.71
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	16	2.71
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	16	2.71
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	16	2.71
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	16	2.71
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	16	2.71
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	16	2.71
(18,843)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	10	2.71
(18,843)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	10	2.71
(18,843)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	10	2.71
(18,843)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	10	2.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,843)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	10	2.71
(18,843)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	10	2.71
(18,667)	1:96:A:VAL:HA	1:116:A:GLN:HE22	4	2.71
(17,2170)	1:43:A:MET:HE1	1:144:A:LEU:HB2	1	2.71
(17,2170)	1:43:A:MET:HE1	1:144:A:LEU:HB3	1	2.71
(17,2170)	1:43:A:MET:HE2	1:144:A:LEU:HB2	1	2.71
(17,2170)	1:43:A:MET:HE2	1:144:A:LEU:HB3	1	2.71
(17,2170)	1:43:A:MET:HE3	1:144:A:LEU:HB2	1	2.71
(17,2170)	1:43:A:MET:HE3	1:144:A:LEU:HB3	1	2.71
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	16	2.71
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	16	2.71
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	16	2.71
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	16	2.71
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	16	2.71
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	16	2.71
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	16	2.71
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	16	2.71
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	16	2.71
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	16	2.71
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	16	2.71
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	16	2.71
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	16	2.71
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	16	2.71
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	16	2.71
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	16	2.71
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	16	2.71
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	16	2.71
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD11	7	2.71
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD12	7	2.71
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD13	7	2.71
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD21	7	2.71
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD22	7	2.71
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD23	7	2.71
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD11	7	2.71
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD12	7	2.71
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD13	7	2.71
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD21	7	2.71
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD22	7	2.71
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD23	7	2.71
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD11	13	2.71
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD12	13	2.71
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD13	13	2.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD21	13	2.71
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD22	13	2.71
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD23	13	2.71
(16,1834)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	5	2.71
(16,1834)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	5	2.71
(16,1834)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	5	2.71
(16,1834)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	5	2.71
(15,2490)	1:144:A:LEU:HB2	1:148:A:CYS:H	12	2.71
(15,2490)	1:144:A:LEU:HB3	1:148:A:CYS:H	12	2.71
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	16	2.71
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	16	2.71
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	16	2.71
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	16	2.71
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	16	2.71
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	16	2.71
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	16	2.71
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	16	2.71
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	16	2.71
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	16	2.71
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	16	2.71
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	16	2.71
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	16	2.71
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	16	2.71
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	16	2.71
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	16	2.71
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	16	2.71
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	16	2.71
(13,1864)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	7	2.71
(13,1864)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	7	2.71
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD21	3	2.71
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD22	3	2.71
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD23	3	2.71
(9,1027)	1:60:A:LEU:H	1:63:A:ILE:HG13	11	2.71
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG11	7	2.71
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG12	7	2.71
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG13	7	2.71
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	16	2.71
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	16	2.71
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	16	2.71
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	16	2.71
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	16	2.71
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	16	2.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	16	2.71
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	16	2.71
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	16	2.71
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	16	2.71
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	16	2.71
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	16	2.71
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	16	2.71
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	16	2.71
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	16	2.71
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	16	2.71
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	16	2.71
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	16	2.71
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD11	13	2.71
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD12	13	2.71
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD13	13	2.71
(3,1435)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	10	2.71
(3,1435)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	10	2.71
(3,1435)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	10	2.71
(2,1272)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	12	2.71
(2,1272)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	12	2.71
(2,1272)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	12	2.71
(2,1026)	1:60:A:LEU:H	1:63:A:ILE:HG13	11	2.71
(1,1626)	1:21:A:THR:HB	1:24:A:ASP:HA	18	2.71
(1,662)	1:96:A:VAL:HA	1:116:A:GLN:HE22	4	2.71
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG11	6	2.7
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG12	6	2.7
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG13	6	2.7
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG21	6	2.7
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG22	6	2.7
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG23	6	2.7
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD21	1	2.7
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD22	1	2.7
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD23	1	2.7
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	11	2.7
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	11	2.7
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	11	2.7
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	11	2.7
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	11	2.7
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	11	2.7
(34,572)	1:10:A:ASN:HD21	1:11:A:ILE:HB	5	2.7
(33,2497)	1:144:A:LEU:HD11	1:147:A:ARG:HB2	19	2.7
(33,2497)	1:144:A:LEU:HD11	1:147:A:ARG:HB3	19	2.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2497)	1:144:A:LEU:HD12	1:147:A:ARG:HB2	19	2.7
(33,2497)	1:144:A:LEU:HD12	1:147:A:ARG:HB3	19	2.7
(33,2497)	1:144:A:LEU:HD13	1:147:A:ARG:HB2	19	2.7
(33,2497)	1:144:A:LEU:HD13	1:147:A:ARG:HB3	19	2.7
(33,2497)	1:144:A:LEU:HD21	1:147:A:ARG:HB2	19	2.7
(33,2497)	1:144:A:LEU:HD21	1:147:A:ARG:HB3	19	2.7
(33,2497)	1:144:A:LEU:HD22	1:147:A:ARG:HB2	19	2.7
(33,2497)	1:144:A:LEU:HD22	1:147:A:ARG:HB3	19	2.7
(33,2497)	1:144:A:LEU:HD23	1:147:A:ARG:HB2	19	2.7
(33,2497)	1:144:A:LEU:HD23	1:147:A:ARG:HB3	19	2.7
(33,1032)	1:60:A:LEU:H	1:63:A:ILE:HG13	11	2.7
(32,2038)	1:31:A:PRO:HD2	1:35:A:LEU:HG	4	2.7
(32,2038)	1:31:A:PRO:HD3	1:35:A:LEU:HG	4	2.7
(32,839)	1:30:A:LEU:HB2	1:143:A:TRP:HZ3	9	2.7
(32,839)	1:30:A:LEU:HB3	1:143:A:TRP:HZ3	9	2.7
(30,2060)	1:31:A:PRO:HD2	1:143:A:TRP:HA	10	2.7
(30,2060)	1:31:A:PRO:HD3	1:143:A:TRP:HA	10	2.7
(20,9)	1:56:A:CYS:SG	1:127:A:CYS:SG	17	2.7
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	7	2.7
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	7	2.7
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	7	2.7
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	7	2.7
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	7	2.7
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	7	2.7
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	7	2.7
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	7	2.7
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	7	2.7
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	7	2.7
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	7	2.7
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	7	2.7
(18,1947)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	6	2.7
(18,1947)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	6	2.7
(18,1947)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	6	2.7
(18,1947)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	6	2.7
(18,1684)	1:43:A:MET:HE1	1:131:A:LEU:HB3	4	2.7
(18,1684)	1:43:A:MET:HE2	1:131:A:LEU:HB3	4	2.7
(18,1684)	1:43:A:MET:HE3	1:131:A:LEU:HB3	4	2.7
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	8	2.7
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	8	2.7
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	8	2.7
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	8	2.7
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	8	2.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	8	2.7
(17,2074)	1:31:A:PRO:HD2	1:143:A:TRP:HA	3	2.7
(17,2074)	1:31:A:PRO:HD3	1:143:A:TRP:HA	3	2.7
(17,1234)	1:34:A:LYS:H	1:81:A:GLU:HA	19	2.7
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD11	4	2.7
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD12	4	2.7
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD13	4	2.7
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD21	4	2.7
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD22	4	2.7
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD23	4	2.7
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD11	6	2.7
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD12	6	2.7
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD13	6	2.7
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD21	6	2.7
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD22	6	2.7
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD23	6	2.7
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD11	6	2.7
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD12	6	2.7
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD13	6	2.7
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD21	6	2.7
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD22	6	2.7
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD23	6	2.7
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	12	2.7
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	12	2.7
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	12	2.7
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	12	2.7
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	12	2.7
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	12	2.7
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	12	2.7
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	12	2.7
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	12	2.7
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	18	2.7
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	18	2.7
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	18	2.7
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	18	2.7
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	18	2.7
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	18	2.7
(16,1141)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	3	2.7
(16,1141)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	3	2.7
(16,1141)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	3	2.7
(16,1141)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	3	2.7
(16,1141)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	3	2.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1141)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	3	2.7
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	17	2.7
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	17	2.7
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	17	2.7
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	17	2.7
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	17	2.7
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	17	2.7
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG11	9	2.7
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG12	9	2.7
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG13	9	2.7
(11,2074)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	18	2.7
(11,2074)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	18	2.7
(11,2074)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	18	2.7
(11,2074)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	18	2.7
(11,1967)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	6	2.7
(11,1967)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	6	2.7
(11,1967)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	6	2.7
(11,1967)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	6	2.7
(9,1943)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	6	2.7
(9,1943)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	6	2.7
(9,1943)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	6	2.7
(9,1943)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	6	2.7
(9,1942)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	6	2.7
(9,1942)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	6	2.7
(9,1942)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	6	2.7
(9,1942)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	6	2.7
(9,153)	1:67:A:PRO:HD3	1:95:A:ILE:H	12	2.7
(7,835)	1:43:A:MET:HE1	1:131:A:LEU:HB3	7	2.7
(7,835)	1:43:A:MET:HE2	1:131:A:LEU:HB3	7	2.7
(7,835)	1:43:A:MET:HE3	1:131:A:LEU:HB3	7	2.7
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	17	2.7
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	17	2.7
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	17	2.7
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	17	2.7
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	17	2.7
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	17	2.7
(5,1961)	1:10:A:ASN:HD21	1:14:A:VAL:HB	16	2.7
(5,1961)	1:10:A:ASN:HD22	1:14:A:VAL:HB	16	2.7
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	12	2.7
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	12	2.7
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	12	2.7
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	12	2.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	12	2.7
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	12	2.7
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	12	2.7
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	12	2.7
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	12	2.7
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	17	2.7
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	17	2.7
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	17	2.7
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	17	2.7
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	17	2.7
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	17	2.7
(3,2080)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	2	2.7
(3,2080)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	2	2.7
(3,2080)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	2	2.7
(3,2080)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	2	2.7
(3,2080)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	2	2.7
(3,2080)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	2	2.7
(3,1976)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	6	2.7
(3,1976)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	6	2.7
(3,1976)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	6	2.7
(3,1976)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	6	2.7
(3,1975)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	6	2.7
(3,1975)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	6	2.7
(3,1975)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	6	2.7
(3,1975)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	6	2.7
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD11	6	2.7
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD12	6	2.7
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD13	6	2.7
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD11	6	2.7
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD12	6	2.7
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD13	6	2.7
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD11	6	2.7
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD12	6	2.7
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD13	6	2.7
(1,2053)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	11	2.7
(1,2053)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	11	2.7
(1,2053)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	11	2.7
(1,2053)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	11	2.7
(1,2053)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	11	2.7
(1,2053)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	11	2.7
(1,2053)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	11	2.7
(1,2053)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	11	2.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2053)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	11	2.7
(1,2053)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	11	2.7
(1,2053)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	11	2.7
(1,2053)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	11	2.7
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG21	3	2.7
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG22	3	2.7
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG23	3	2.7
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG21	3	2.7
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG22	3	2.7
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG23	3	2.7
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG21	3	2.7
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG22	3	2.7
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG23	3	2.7
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG11	3	2.7
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG12	3	2.7
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG13	3	2.7
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG11	3	2.7
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG12	3	2.7
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG13	3	2.7
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG11	3	2.7
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG12	3	2.7
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG13	3	2.7
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG21	18	2.7
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG22	18	2.7
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG23	18	2.7
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG21	18	2.7
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG22	18	2.7
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG23	18	2.7
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG21	18	2.7
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG22	18	2.7
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG23	18	2.7
(1,1158)	1:39:A:VAL:HB	1:139:A:LEU:HA	15	2.7
(1,648)	1:66:A:THR:H	1:96:A:VAL:H	11	2.7
(1,648)	1:66:A:THR:H	1:96:A:VAL:H	17	2.7
(32,1378)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	2	2.69
(32,1378)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	2	2.69
(32,1378)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	2	2.69
(32,1357)	1:19:A:ALA:HB1	1:132:A:ALA:HA	13	2.69
(32,1357)	1:19:A:ALA:HB2	1:132:A:ALA:HA	13	2.69
(32,1357)	1:19:A:ALA:HB3	1:132:A:ALA:HA	13	2.69
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD11	11	2.69
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD12	11	2.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD13	11	2.69
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD21	11	2.69
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD22	11	2.69
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD23	11	2.69
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG11	11	2.69
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG12	11	2.69
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG13	11	2.69
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG21	11	2.69
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG22	11	2.69
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG23	11	2.69
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG11	1	2.69
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG12	1	2.69
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG13	1	2.69
(15,990)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	13	2.69
(15,990)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	13	2.69
(13,877)	1:13:A:ALA:H	1:80:A:TYR:HB2	8	2.69
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	19	2.69
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	19	2.69
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	19	2.69
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	19	2.69
(9,965)	1:141:A:LYS:HB2	1:149:A:ALA:HA	12	2.69
(9,965)	1:141:A:LYS:HB3	1:149:A:ALA:HA	12	2.69
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD11	8	2.69
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD12	8	2.69
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD13	8	2.69
(7,970)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	13	2.69
(7,970)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	13	2.69
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG11	1	2.69
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG12	1	2.69
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG13	1	2.69
(4,975)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	13	2.69
(4,975)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	13	2.69
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD11	17	2.69
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD12	17	2.69
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD13	17	2.69
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD21	17	2.69
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD22	17	2.69
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD23	17	2.69
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	15	2.69
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	15	2.69
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	15	2.69
(3,1435)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	2	2.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1435)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	2	2.69
(3,1435)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	2	2.69
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB1	7	2.69
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB2	7	2.69
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB3	7	2.69
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG11	1	2.69
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG12	1	2.69
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG13	1	2.69
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE1	11	2.69
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE2	11	2.69
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG21	1	2.69
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG22	1	2.69
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG23	1	2.69
(34,1972)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	4	2.68
(34,1972)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	4	2.68
(34,1972)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	4	2.68
(34,1972)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	4	2.68
(34,1972)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	4	2.68
(34,1972)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	4	2.68
(34,1972)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	4	2.68
(34,1972)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	4	2.68
(34,1972)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	4	2.68
(34,1972)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	4	2.68
(34,1972)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	4	2.68
(34,1972)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	4	2.68
(33,2497)	1:144:A:LEU:HD11	1:147:A:ARG:HB2	6	2.68
(33,2497)	1:144:A:LEU:HD11	1:147:A:ARG:HB3	6	2.68
(33,2497)	1:144:A:LEU:HD12	1:147:A:ARG:HB2	6	2.68
(33,2497)	1:144:A:LEU:HD12	1:147:A:ARG:HB3	6	2.68
(33,2497)	1:144:A:LEU:HD13	1:147:A:ARG:HB2	6	2.68
(33,2497)	1:144:A:LEU:HD13	1:147:A:ARG:HB3	6	2.68
(33,2497)	1:144:A:LEU:HD21	1:147:A:ARG:HB2	6	2.68
(33,2497)	1:144:A:LEU:HD21	1:147:A:ARG:HB3	6	2.68
(33,2497)	1:144:A:LEU:HD22	1:147:A:ARG:HB2	6	2.68
(33,2497)	1:144:A:LEU:HD22	1:147:A:ARG:HB3	6	2.68
(33,2497)	1:144:A:LEU:HD23	1:147:A:ARG:HB2	6	2.68
(33,2497)	1:144:A:LEU:HD23	1:147:A:ARG:HB3	6	2.68
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB1	2	2.68
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB2	2	2.68
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB3	2	2.68
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	2	2.68
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	2	2.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	2	2.68
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	2	2.68
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	2	2.68
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	2	2.68
(19,19)	1:56:A:CYS:SG	1:127:A:CYS:CB	17	2.68
(19,16)	1:52:A:CYS:SG	1:56:A:CYS:CB	6	2.68
(18,124)	1:78:A:HIS:HA	1:80:A:TYR:H	10	2.68
(17,556)	1:10:A:ASN:HD21	1:14:A:VAL:HB	15	2.68
(16,1962)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	4	2.68
(16,1962)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	4	2.68
(16,1962)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	4	2.68
(16,1962)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	4	2.68
(16,1962)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	4	2.68
(16,1962)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	4	2.68
(16,1962)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	4	2.68
(16,1962)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	4	2.68
(16,1962)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	4	2.68
(16,1962)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	4	2.68
(16,1962)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	4	2.68
(16,1962)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	4	2.68
(15,2490)	1:144:A:LEU:HB2	1:148:A:CYS:H	15	2.68
(15,2490)	1:144:A:LEU:HB3	1:148:A:CYS:H	15	2.68
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD2	5	2.68
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD3	5	2.68
(13,1932)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	4	2.68
(13,1932)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	4	2.68
(13,1932)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	4	2.68
(13,1932)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	4	2.68
(13,1932)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	4	2.68
(13,1932)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	4	2.68
(13,1932)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	4	2.68
(13,1932)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	4	2.68
(13,1932)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	4	2.68
(13,1932)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	4	2.68
(13,1932)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	4	2.68
(13,1932)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	4	2.68
(13,1848)	1:64:A:LYS:HD2	1:104:A:PHE:HZ	3	2.68
(13,1848)	1:64:A:LYS:HD3	1:104:A:PHE:HZ	3	2.68
(11,1993)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	4	2.68
(11,1993)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	4	2.68
(11,1993)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	4	2.68
(11,1993)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	4	2.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1993)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	4	2.68
(11,1993)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	4	2.68
(11,1993)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	4	2.68
(11,1993)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	4	2.68
(11,1993)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	4	2.68
(11,1993)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	4	2.68
(11,1993)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	4	2.68
(11,1993)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	4	2.68
(11,1042)	1:60:A:LEU:H	1:63:A:ILE:HG13	11	2.68
(7,1611)	1:27:A:ARG:HA	1:30:A:LEU:H	15	2.68
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	14	2.68
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	14	2.68
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	14	2.68
(6,1981)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	4	2.68
(6,1981)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	4	2.68
(6,1981)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	4	2.68
(6,1981)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	4	2.68
(6,1981)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	4	2.68
(6,1981)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	4	2.68
(6,1981)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	4	2.68
(6,1981)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	4	2.68
(6,1981)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	4	2.68
(6,1981)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	4	2.68
(6,1981)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	4	2.68
(6,1981)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	4	2.68
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD2	5	2.68
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD3	5	2.68
(3,1465)	1:31:A:PRO:HD3	1:143:A:TRP:HA	3	2.68
(3,807)	1:11:A:ILE:HD11	1:43:A:MET:HG3	15	2.68
(3,807)	1:11:A:ILE:HD12	1:43:A:MET:HG3	15	2.68
(3,807)	1:11:A:ILE:HD13	1:43:A:MET:HG3	15	2.68
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG11	15	2.68
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG12	15	2.68
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG13	15	2.68
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG21	15	2.68
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG22	15	2.68
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG23	15	2.68
(1,2053)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	17	2.68
(1,2053)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	17	2.68
(1,2053)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	17	2.68
(1,2053)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	17	2.68
(1,2053)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	17	2.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2053)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	17	2.68
(1,2053)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	17	2.68
(1,2053)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	17	2.68
(1,2053)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	17	2.68
(1,2053)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	17	2.68
(1,2053)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	17	2.68
(1,2053)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	17	2.68
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE1	18	2.67
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE2	18	2.67
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE3	18	2.67
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE1	18	2.67
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE2	18	2.67
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE3	18	2.67
(34,572)	1:10:A:ASN:HD21	1:11:A:ILE:HB	3	2.67
(33,718)	1:44:A:GLU:HB2	1:54:A:ARG:HE	17	2.67
(33,718)	1:44:A:GLU:HB3	1:54:A:ARG:HE	17	2.67
(32,1706)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	16	2.67
(32,1706)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	16	2.67
(32,1418)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	14	2.67
(32,1418)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	14	2.67
(30,980)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	13	2.67
(30,980)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	13	2.67
(30,66)	1:33:A:LYS:HB2	1:81:A:GLU:H	3	2.67
(30,66)	1:33:A:LYS:HB3	1:81:A:GLU:H	3	2.67
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD11	10	2.67
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD12	10	2.67
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD13	10	2.67
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD21	10	2.67
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD22	10	2.67
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD23	10	2.67
(18,124)	1:78:A:HIS:HA	1:80:A:TYR:H	4	2.67
(18,124)	1:78:A:HIS:HA	1:80:A:TYR:H	16	2.67
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD11	6	2.67
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD12	6	2.67
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD13	6	2.67
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD21	6	2.67
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD22	6	2.67
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD23	6	2.67
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD11	6	2.67
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD12	6	2.67
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD13	6	2.67
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD21	6	2.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD22	6	2.67
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD23	6	2.67
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD11	6	2.67
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD12	6	2.67
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD13	6	2.67
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD21	6	2.67
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD22	6	2.67
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD23	6	2.67
(17,1966)	1:10:A:ASN:HD21	1:14:A:VAL:HB	16	2.67
(17,1966)	1:10:A:ASN:HD22	1:14:A:VAL:HB	16	2.67
(16,2070)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	7	2.67
(16,2070)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	7	2.67
(16,2070)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	7	2.67
(16,2070)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	7	2.67
(16,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	4	2.67
(16,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	4	2.67
(16,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	4	2.67
(16,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	4	2.67
(16,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	4	2.67
(16,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	4	2.67
(16,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	4	2.67
(16,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	4	2.67
(16,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	4	2.67
(16,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	4	2.67
(16,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	4	2.67
(16,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	4	2.67
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD11	12	2.67
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD12	12	2.67
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD13	12	2.67
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD21	12	2.67
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD22	12	2.67
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD23	12	2.67
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE1	17	2.67
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE2	17	2.67
(15,1036)	1:60:A:LEU:H	1:63:A:ILE:HG13	11	2.67
(15,956)	1:74:A:PRO:HA	1:77:A:CYS:HB2	8	2.67
(15,70)	1:33:A:LYS:HB2	1:81:A:GLU:H	3	2.67
(15,70)	1:33:A:LYS:HB3	1:81:A:GLU:H	3	2.67
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	3	2.67
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	3	2.67
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	3	2.67
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	3	2.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	3	2.67
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	3	2.67
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	3	2.67
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	3	2.67
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	3	2.67
(13,877)	1:13:A:ALA:H	1:80:A:TYR:HB2	1	2.67
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	1	2.67
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	1	2.67
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	1	2.67
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	1	2.67
(5,2146)	1:43:A:MET:HE1	1:144:A:LEU:HB2	6	2.67
(5,2146)	1:43:A:MET:HE1	1:144:A:LEU:HB3	6	2.67
(5,2146)	1:43:A:MET:HE2	1:144:A:LEU:HB2	6	2.67
(5,2146)	1:43:A:MET:HE2	1:144:A:LEU:HB3	6	2.67
(5,2146)	1:43:A:MET:HE3	1:144:A:LEU:HB2	6	2.67
(5,2146)	1:43:A:MET:HE3	1:144:A:LEU:HB3	6	2.67
(3,1000)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	13	2.67
(3,1000)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	13	2.67
(3,728)	1:44:A:GLU:HB2	1:54:A:ARG:HE	17	2.67
(3,728)	1:44:A:GLU:HB3	1:54:A:ARG:HE	17	2.67
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD21	9	2.67
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD22	9	2.67
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD23	9	2.67
(2,714)	1:44:A:GLU:HB2	1:54:A:ARG:HE	17	2.67
(2,714)	1:44:A:GLU:HB3	1:54:A:ARG:HE	17	2.67
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	7	2.66
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	7	2.66
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	7	2.66
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB1	10	2.66
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB2	10	2.66
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB3	10	2.66
(33,718)	1:44:A:GLU:HB2	1:54:A:ARG:HE	9	2.66
(33,718)	1:44:A:GLU:HB3	1:54:A:ARG:HE	9	2.66
(32,1709)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	11	2.66
(32,1709)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	11	2.66
(29,1711)	1:53:A:THR:H	1:124:A:THR:HB	15	2.66
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB1	17	2.66
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB2	17	2.66
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB3	17	2.66
(29,1031)	1:34:A:LYS:H	1:81:A:GLU:HB3	19	2.66
(18,124)	1:78:A:HIS:HA	1:80:A:TYR:H	13	2.66
(17,1772)	1:39:A:VAL:HB	1:139:A:LEU:HA	10	2.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1023)	1:34:A:LYS:H	1:81:A:GLU:HB3	19	2.66
(16,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB2	5	2.66
(16,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB2	5	2.66
(16,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB2	5	2.66
(16,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB2	5	2.66
(16,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB2	5	2.66
(16,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB2	5	2.66
(16,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB3	5	2.66
(16,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB3	5	2.66
(16,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB3	5	2.66
(16,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB3	5	2.66
(16,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB3	5	2.66
(16,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB3	5	2.66
(11,1029)	1:34:A:LYS:H	1:81:A:GLU:HB3	19	2.66
(9,1749)	1:39:A:VAL:HB	1:139:A:LEU:HA	4	2.66
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB1	10	2.66
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB2	10	2.66
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB3	10	2.66
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB1	17	2.66
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB2	17	2.66
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB3	17	2.66
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG21	11	2.66
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG22	11	2.66
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG23	11	2.66
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG21	11	2.66
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG22	11	2.66
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG23	11	2.66
(3,1933)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	16	2.66
(3,1933)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	16	2.66
(3,1933)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	16	2.66
(3,1933)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	16	2.66
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	16	2.66
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	16	2.66
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	16	2.66
(3,861)	1:43:A:MET:HE1	1:144:A:LEU:HB2	1	2.66
(3,861)	1:43:A:MET:HE2	1:144:A:LEU:HB2	1	2.66
(3,861)	1:43:A:MET:HE3	1:144:A:LEU:HB2	1	2.66
(3,728)	1:44:A:GLU:HB2	1:54:A:ARG:HE	9	2.66
(3,728)	1:44:A:GLU:HB3	1:54:A:ARG:HE	9	2.66
(2,1136)	1:10:A:ASN:HD22	1:80:A:TYR:HA	4	2.66
(2,714)	1:44:A:GLU:HB2	1:54:A:ARG:HE	9	2.66
(2,714)	1:44:A:GLU:HB3	1:54:A:ARG:HE	9	2.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB2	14	2.66
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB3	14	2.66
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB2	14	2.66
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB3	14	2.66
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	11	2.65
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	11	2.65
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	11	2.65
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	11	2.65
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	11	2.65
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	11	2.65
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	11	2.65
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	11	2.65
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	11	2.65
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	11	2.65
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	11	2.65
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	11	2.65
(34,1903)	1:18:A:PHE:HE1	1:57:A:LEU:HG	15	2.65
(34,1903)	1:18:A:PHE:HE2	1:57:A:LEU:HG	15	2.65
(34,1058)	1:60:A:LEU:H	1:63:A:ILE:HG13	11	2.65
(32,1084)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	19	2.65
(32,1084)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	19	2.65
(32,839)	1:30:A:LEU:HB2	1:143:A:TRP:HZ3	16	2.65
(32,839)	1:30:A:LEU:HB3	1:143:A:TRP:HZ3	16	2.65
(30,482)	1:145:A:PRO:HB2	1:148:A:CYS:H	9	2.65
(19,17)	1:56:A:CYS:SG	1:120:A:CYS:CB	2	2.65
(19,11)	1:127:A:CYS:SG	1:56:A:CYS:CB	17	2.65
(19,6)	1:123:A:CYS:SG	1:52:A:CYS:CB	19	2.65
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	7	2.65
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	7	2.65
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	7	2.65
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	7	2.65
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	7	2.65
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	7	2.65
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	7	2.65
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	7	2.65
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	7	2.65
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	7	2.65
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	7	2.65
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	7	2.65
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	4	2.65
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	4	2.65
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	4	2.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	4	2.65
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	4	2.65
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	4	2.65
(13,1846)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	5	2.65
(13,1846)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	5	2.65
(11,2075)	1:32:A:GLY:HA2	1:81:A:GLU:H	19	2.65
(11,2075)	1:32:A:GLY:HA3	1:81:A:GLU:H	19	2.65
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD21	2	2.65
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD22	2	2.65
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD23	2	2.65
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD21	2	2.65
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD22	2	2.65
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD23	2	2.65
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD21	2	2.65
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD22	2	2.65
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD23	2	2.65
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	3	2.65
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	3	2.65
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	3	2.65
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	3	2.65
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	3	2.65
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	3	2.65
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	3	2.65
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	3	2.65
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	3	2.65
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	3	2.65
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	3	2.65
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	3	2.65
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD11	5	2.65
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD12	5	2.65
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD13	5	2.65
(4,1016)	1:60:A:LEU:H	1:63:A:ILE:HG13	11	2.65
(3,2086)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	7	2.65
(3,2086)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	7	2.65
(3,2086)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	7	2.65
(3,2086)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	7	2.65
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD11	11	2.65
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD12	11	2.65
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD13	11	2.65
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD21	11	2.65
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD22	11	2.65
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD23	11	2.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1875)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	16	2.65
(3,1875)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	16	2.65
(3,1875)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	16	2.65
(3,1875)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	16	2.65
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	14	2.65
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	14	2.65
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	14	2.65
(2,1922)	1:18:A:PHE:HE1	1:57:A:LEU:HG	15	2.65
(2,1922)	1:18:A:PHE:HE2	1:57:A:LEU:HG	15	2.65
(1,1385)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	11	2.65
(1,1385)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	11	2.65
(1,1385)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	11	2.65
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	12	2.64
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	12	2.64
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	12	2.64
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	12	2.64
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	12	2.64
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	12	2.64
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	12	2.64
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	12	2.64
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	12	2.64
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	12	2.64
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	12	2.64
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	12	2.64
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	12	2.64
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	12	2.64
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	12	2.64
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	12	2.64
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	12	2.64
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	12	2.64
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE1	16	2.64
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE2	16	2.64
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE3	16	2.64
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE1	16	2.64
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE2	16	2.64
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE3	16	2.64
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE1	13	2.64
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE2	13	2.64
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE3	13	2.64
(32,2134)	1:43:A:MET:HE1	1:46:A:ASN:HB2	18	2.64
(32,2134)	1:43:A:MET:HE1	1:46:A:ASN:HB3	18	2.64
(32,2134)	1:43:A:MET:HE2	1:46:A:ASN:HB2	18	2.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2134)	1:43:A:MET:HE2	1:46:A:ASN:HB3	18	2.64
(32,2134)	1:43:A:MET:HE3	1:46:A:ASN:HB2	18	2.64
(32,2134)	1:43:A:MET:HE3	1:46:A:ASN:HB3	18	2.64
(32,839)	1:30:A:LEU:HB2	1:143:A:TRP:HZ3	4	2.64
(32,839)	1:30:A:LEU:HB3	1:143:A:TRP:HZ3	4	2.64
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD11	15	2.64
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD12	15	2.64
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD13	15	2.64
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD21	15	2.64
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD22	15	2.64
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD23	15	2.64
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD11	15	2.64
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD12	15	2.64
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD13	15	2.64
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD21	15	2.64
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD22	15	2.64
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD23	15	2.64
(19,20)	1:56:A:CYS:SG	1:52:A:CYS:CB	15	2.64
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD11	8	2.64
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD12	8	2.64
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD13	8	2.64
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD21	8	2.64
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD22	8	2.64
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD23	8	2.64
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	18	2.64
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	18	2.64
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	18	2.64
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	18	2.64
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	18	2.64
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	18	2.64
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	18	2.64
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	18	2.64
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	18	2.64
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	18	2.64
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	18	2.64
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	18	2.64
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	5	2.64
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	5	2.64
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	5	2.64
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD21	5	2.64
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD22	5	2.64
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD23	5	2.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	5	2.64
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	5	2.64
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	5	2.64
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD21	5	2.64
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD22	5	2.64
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD23	5	2.64
(18,1376)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	11	2.64
(18,1376)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	11	2.64
(18,1376)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	11	2.64
(18,931)	1:108:A:GLU:HG3	1:112:A:GLN:H	8	2.64
(16,1937)	1:10:A:ASN:HD21	1:15:A:ALA:H	3	2.64
(16,1937)	1:10:A:ASN:HD22	1:15:A:ALA:H	3	2.64
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	15	2.64
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	15	2.64
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	15	2.64
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	15	2.64
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	15	2.64
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	15	2.64
(13,829)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	5	2.64
(13,829)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	5	2.64
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	10	2.64
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	10	2.64
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	10	2.64
(7,2120)	1:43:A:MET:HE1	1:46:A:ASN:HB2	18	2.64
(7,2120)	1:43:A:MET:HE1	1:46:A:ASN:HB3	18	2.64
(7,2120)	1:43:A:MET:HE2	1:46:A:ASN:HB2	18	2.64
(7,2120)	1:43:A:MET:HE2	1:46:A:ASN:HB3	18	2.64
(7,2120)	1:43:A:MET:HE3	1:46:A:ASN:HB2	18	2.64
(7,2120)	1:43:A:MET:HE3	1:46:A:ASN:HB3	18	2.64
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG21	18	2.64
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG22	18	2.64
(7,1735)	1:16:A:SER:HA	1:20:A:THR:HG23	18	2.64
(4,2145)	1:43:A:MET:HE1	1:46:A:ASN:HB2	18	2.64
(4,2145)	1:43:A:MET:HE1	1:46:A:ASN:HB3	18	2.64
(4,2145)	1:43:A:MET:HE2	1:46:A:ASN:HB2	18	2.64
(4,2145)	1:43:A:MET:HE2	1:46:A:ASN:HB3	18	2.64
(4,2145)	1:43:A:MET:HE3	1:46:A:ASN:HB2	18	2.64
(4,2145)	1:43:A:MET:HE3	1:46:A:ASN:HB3	18	2.64
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG11	1	2.64
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG12	1	2.64
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG13	1	2.64
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG21	1	2.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG22	1	2.64
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG23	1	2.64
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG11	1	2.64
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG12	1	2.64
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG13	1	2.64
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG21	1	2.64
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG22	1	2.64
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG23	1	2.64
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG11	1	2.64
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG12	1	2.64
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG13	1	2.64
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG21	1	2.64
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG22	1	2.64
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG23	1	2.64
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	7	2.64
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	7	2.64
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	7	2.64
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	7	2.64
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	1	2.63
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	1	2.63
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	1	2.63
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	1	2.63
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	1	2.63
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	1	2.63
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	1	2.63
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	1	2.63
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	1	2.63
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	1	2.63
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	1	2.63
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	1	2.63
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	1	2.63
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	1	2.63
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	1	2.63
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	1	2.63
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	1	2.63
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	1	2.63
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD21	3	2.63
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD22	3	2.63
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD23	3	2.63
(34,913)	1:67:A:PRO:HD3	1:95:A:ILE:HB	16	2.63
(34,908)	1:10:A:ASN:HD22	1:11:A:ILE:HB	15	2.63
(34,448)	1:68:A:LYS:H	1:70:A:LYS:HG2	14	2.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1634)	1:102:A:PRO:HA	1:105:A:LYS:HD2	8	2.63
(33,1634)	1:102:A:PRO:HA	1:105:A:LYS:HD3	8	2.63
(33,1388)	1:19:A:ALA:HB1	1:132:A:ALA:HA	4	2.63
(33,1388)	1:19:A:ALA:HB2	1:132:A:ALA:HA	4	2.63
(33,1388)	1:19:A:ALA:HB3	1:132:A:ALA:HA	4	2.63
(30,888)	1:67:A:PRO:HD3	1:95:A:ILE:HB	16	2.63
(18,1682)	1:43:A:MET:HE1	1:131:A:LEU:HA	13	2.63
(18,1682)	1:43:A:MET:HE2	1:131:A:LEU:HA	13	2.63
(18,1682)	1:43:A:MET:HE3	1:131:A:LEU:HA	13	2.63
(18,1373)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	5	2.63
(18,1373)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	5	2.63
(18,1373)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	5	2.63
(18,1373)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	5	2.63
(18,1373)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	5	2.63
(18,1373)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	5	2.63
(17,2073)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	15	2.63
(17,2073)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	15	2.63
(17,2073)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	15	2.63
(17,2073)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	15	2.63
(16,1874)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	18	2.63
(16,1874)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	18	2.63
(13,1848)	1:64:A:LYS:HD2	1:104:A:PHE:HZ	7	2.63
(13,1848)	1:64:A:LYS:HD3	1:104:A:PHE:HZ	7	2.63
(13,1848)	1:64:A:LYS:HD2	1:104:A:PHE:HZ	9	2.63
(13,1848)	1:64:A:LYS:HD3	1:104:A:PHE:HZ	9	2.63
(11,122)	1:78:A:HIS:HA	1:80:A:TYR:H	3	2.63
(9,153)	1:67:A:PRO:HD3	1:95:A:ILE:H	7	2.63
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD2	10	2.63
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD3	10	2.63
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD2	10	2.63
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD3	10	2.63
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD2	10	2.63
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD3	10	2.63
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE1	2	2.63
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE2	2	2.63
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE3	2	2.63
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE1	2	2.63
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE2	2	2.63
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE3	2	2.63
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD11	1	2.63
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD12	1	2.63
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD13	1	2.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD21	1	2.63
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD22	1	2.63
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD23	1	2.63
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD11	1	2.63
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD12	1	2.63
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD13	1	2.63
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD21	1	2.63
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD22	1	2.63
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD23	1	2.63
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD11	1	2.63
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD12	1	2.63
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD13	1	2.63
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD21	1	2.63
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD22	1	2.63
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD23	1	2.63
(5,1663)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	14	2.63
(5,1663)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	14	2.63
(5,1663)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	14	2.63
(5,1663)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	14	2.63
(5,1663)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	14	2.63
(5,1663)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	14	2.63
(5,916)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	1	2.63
(4,1627)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	13	2.63
(4,1627)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	13	2.63
(4,1627)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	13	2.63
(4,1627)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	13	2.63
(4,1627)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	13	2.63
(4,1627)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	13	2.63
(4,1627)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	13	2.63
(4,1627)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	13	2.63
(4,1627)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	13	2.63
(3,1643)	1:22:A:ASP:H	1:24:A:ASP:HA	11	2.63
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG11	14	2.63
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG12	14	2.63
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG13	14	2.63
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG21	14	2.63
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG22	14	2.63
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG23	14	2.63
(2,2076)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	15	2.63
(2,2076)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	15	2.63
(2,2076)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	15	2.63
(2,2076)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	15	2.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG21	16	2.63
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG22	16	2.63
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG23	16	2.63
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE1	2	2.63
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE2	2	2.63
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE3	2	2.63
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE1	2	2.63
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE2	2	2.63
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE3	2	2.63
(1,1076)	1:66:A:THR:HG21	1:95:A:ILE:HA	4	2.63
(1,1076)	1:66:A:THR:HG22	1:95:A:ILE:HA	4	2.63
(1,1076)	1:66:A:THR:HG23	1:95:A:ILE:HA	4	2.63
(1,915)	1:67:A:PRO:HD3	1:95:A:ILE:HB	11	2.63
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	18	2.62
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	18	2.62
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	18	2.62
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	18	2.62
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	18	2.62
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	18	2.62
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	18	2.62
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	18	2.62
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	18	2.62
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	18	2.62
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	18	2.62
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	18	2.62
(34,1490)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	15	2.62
(33,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB2	5	2.62
(33,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB2	5	2.62
(33,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB2	5	2.62
(33,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB2	5	2.62
(33,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB2	5	2.62
(33,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB2	5	2.62
(33,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB3	5	2.62
(33,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB3	5	2.62
(33,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB3	5	2.62
(33,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB3	5	2.62
(33,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB3	5	2.62
(33,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB3	5	2.62
(30,1343)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	12	2.62
(30,1343)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	12	2.62
(30,1343)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	12	2.62
(29,1676)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	11	2.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1676)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	11	2.62
(29,1676)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	11	2.62
(29,1676)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	11	2.62
(29,1676)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	11	2.62
(29,1676)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	11	2.62
(29,1676)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	11	2.62
(29,1676)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	11	2.62
(29,1676)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	11	2.62
(20,6)	1:52:A:CYS:SG	1:56:A:CYS:SG	2	2.62
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	10	2.62
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	10	2.62
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	10	2.62
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD21	10	2.62
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD22	10	2.62
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD23	10	2.62
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	10	2.62
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	10	2.62
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	10	2.62
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD21	10	2.62
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD22	10	2.62
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD23	10	2.62
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	1	2.62
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	1	2.62
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	1	2.62
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	1	2.62
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	1	2.62
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	1	2.62
(18,124)	1:78:A:HIS:HA	1:80:A:TYR:H	7	2.62
(17,2049)	1:23:A:LEU:HB2	1:146:A:GLN:HG2	15	2.62
(17,2049)	1:23:A:LEU:HB2	1:146:A:GLN:HG3	15	2.62
(17,2049)	1:23:A:LEU:HB3	1:146:A:GLN:HG2	15	2.62
(17,2049)	1:23:A:LEU:HB3	1:146:A:GLN:HG3	15	2.62
(17,1497)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	15	2.62
(16,1473)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	15	2.62
(15,2496)	1:144:A:LEU:HD11	1:148:A:CYS:H	4	2.62
(15,2496)	1:144:A:LEU:HD12	1:148:A:CYS:H	4	2.62
(15,2496)	1:144:A:LEU:HD13	1:148:A:CYS:H	4	2.62
(15,2496)	1:144:A:LEU:HD21	1:148:A:CYS:H	4	2.62
(15,2496)	1:144:A:LEU:HD22	1:148:A:CYS:H	4	2.62
(15,2496)	1:144:A:LEU:HD23	1:148:A:CYS:H	4	2.62
(13,85)	1:30:A:LEU:H	1:144:A:LEU:HA	1	2.62
(11,1943)	1:11:A:ILE:HD11	1:18:A:PHE:HZ	14	2.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1943)	1:11:A:ILE:HD12	1:18:A:PHE:HZ	14	2.62
(11,1943)	1:11:A:ILE:HD13	1:18:A:PHE:HZ	14	2.62
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD11	13	2.62
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD12	13	2.62
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD13	13	2.62
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD11	13	2.62
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD12	13	2.62
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD13	13	2.62
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD11	13	2.62
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD12	13	2.62
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD13	13	2.62
(7,1994)	1:23:A:LEU:HB2	1:146:A:GLN:HG2	15	2.62
(7,1994)	1:23:A:LEU:HB2	1:146:A:GLN:HG3	15	2.62
(7,1994)	1:23:A:LEU:HB3	1:146:A:GLN:HG2	15	2.62
(7,1994)	1:23:A:LEU:HB3	1:146:A:GLN:HG3	15	2.62
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	19	2.62
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	19	2.62
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	19	2.62
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	19	2.62
(7,1611)	1:27:A:ARG:HA	1:30:A:LEU:H	5	2.62
(7,1251)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	12	2.62
(7,1251)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	12	2.62
(7,1251)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	12	2.62
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD11	15	2.62
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD12	15	2.62
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD13	15	2.62
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD21	15	2.62
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD22	15	2.62
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD23	15	2.62
(1,1274)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	12	2.62
(1,1274)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	12	2.62
(1,1274)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	12	2.62
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	7	2.61
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	7	2.61
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	7	2.61
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	7	2.61
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	7	2.61
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	7	2.61
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	7	2.61
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	7	2.61
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	7	2.61
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	7	2.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	7	2.61
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	7	2.61
(34,1655)	1:31:A:PRO:HD3	1:140:A:LEU:HA	5	2.61
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD21	11	2.61
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD22	11	2.61
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD23	11	2.61
(33,971)	1:141:A:LYS:HB2	1:149:A:ALA:HA	15	2.61
(33,971)	1:141:A:LYS:HB3	1:149:A:ALA:HA	15	2.61
(30,1725)	1:14:A:VAL:H	1:79:A:THR:HG21	11	2.61
(30,1725)	1:14:A:VAL:H	1:79:A:THR:HG22	11	2.61
(30,1725)	1:14:A:VAL:H	1:79:A:THR:HG23	11	2.61
(30,1713)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	2	2.61
(30,1713)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	2	2.61
(30,1713)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	2	2.61
(30,1713)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	2	2.61
(30,1713)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	2	2.61
(30,1713)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	2	2.61
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	19	2.61
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	19	2.61
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	19	2.61
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD21	2	2.61
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD22	2	2.61
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD23	2	2.61
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD21	2	2.61
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD22	2	2.61
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD23	2	2.61
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD21	2	2.61
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD22	2	2.61
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD23	2	2.61
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	19	2.61
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	19	2.61
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	19	2.61
(19,14)	1:52:A:CYS:SG	1:123:A:CYS:CB	8	2.61
(19,7)	1:123:A:CYS:SG	1:56:A:CYS:CB	18	2.61
(18,1703)	1:14:A:VAL:H	1:79:A:THR:HG21	11	2.61
(18,1703)	1:14:A:VAL:H	1:79:A:THR:HG22	11	2.61
(18,1703)	1:14:A:VAL:H	1:79:A:THR:HG23	11	2.61
(18,1629)	1:31:A:PRO:HD3	1:140:A:LEU:HA	5	2.61
(16,121)	1:78:A:HIS:HA	1:80:A:TYR:H	3	2.61
(15,1708)	1:14:A:VAL:H	1:79:A:THR:HG21	11	2.61
(15,1708)	1:14:A:VAL:H	1:79:A:THR:HG22	11	2.61
(15,1708)	1:14:A:VAL:H	1:79:A:THR:HG23	11	2.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD2	4	2.61
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD3	4	2.61
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG21	10	2.61
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG22	10	2.61
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG23	10	2.61
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB1	7	2.61
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB2	7	2.61
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB3	7	2.61
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB1	14	2.61
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB2	14	2.61
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB3	14	2.61
(6,1720)	1:14:A:VAL:H	1:79:A:THR:HG21	11	2.61
(6,1720)	1:14:A:VAL:H	1:79:A:THR:HG22	11	2.61
(6,1720)	1:14:A:VAL:H	1:79:A:THR:HG23	11	2.61
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD2	4	2.61
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD3	4	2.61
(6,1505)	1:43:A:MET:HE1	1:46:A:ASN:HB2	4	2.61
(6,1505)	1:43:A:MET:HE2	1:46:A:ASN:HB2	4	2.61
(6,1505)	1:43:A:MET:HE3	1:46:A:ASN:HB2	4	2.61
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD2	1	2.61
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD3	1	2.61
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD2	1	2.61
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD3	1	2.61
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD2	1	2.61
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD3	1	2.61
(5,1040)	1:60:A:LEU:H	1:63:A:ILE:HG13	11	2.61
(5,843)	1:43:A:MET:HE1	1:144:A:LEU:HB3	2	2.61
(5,843)	1:43:A:MET:HE2	1:144:A:LEU:HB3	2	2.61
(5,843)	1:43:A:MET:HE3	1:144:A:LEU:HB3	2	2.61
(5,843)	1:43:A:MET:HE1	1:144:A:LEU:HB2	2	2.61
(5,843)	1:43:A:MET:HE2	1:144:A:LEU:HB2	2	2.61
(5,843)	1:43:A:MET:HE3	1:144:A:LEU:HB2	2	2.61
(4,1698)	1:14:A:VAL:H	1:79:A:THR:HG21	11	2.61
(4,1698)	1:14:A:VAL:H	1:79:A:THR:HG22	11	2.61
(4,1698)	1:14:A:VAL:H	1:79:A:THR:HG23	11	2.61
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB1	7	2.61
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB2	7	2.61
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB3	7	2.61
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB1	14	2.61
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB2	14	2.61
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB3	14	2.61
(3,1751)	1:14:A:VAL:H	1:79:A:THR:HG21	11	2.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1751)	1:14:A:VAL:H	1:79:A:THR:HG22	11	2.61
(3,1751)	1:14:A:VAL:H	1:79:A:THR:HG23	11	2.61
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD11	13	2.61
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD12	13	2.61
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD13	13	2.61
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD11	13	2.61
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD12	13	2.61
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD13	13	2.61
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD11	13	2.61
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD12	13	2.61
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD13	13	2.61
(3,122)	1:78:A:HIS:HA	1:80:A:TYR:H	3	2.61
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG11	12	2.61
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG12	12	2.61
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG13	12	2.61
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG21	12	2.61
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG22	12	2.61
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG23	12	2.61
(2,1727)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	2	2.61
(2,1727)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	2	2.61
(2,1727)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	2	2.61
(2,1727)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	2	2.61
(2,1727)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	2	2.61
(2,1727)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	2	2.61
(1,2053)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	10	2.61
(1,2053)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	10	2.61
(1,2053)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	10	2.61
(1,2053)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	10	2.61
(1,2053)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	10	2.61
(1,2053)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	10	2.61
(1,2053)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	10	2.61
(1,2053)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	10	2.61
(1,2053)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	10	2.61
(1,2053)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	10	2.61
(1,2053)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	10	2.61
(1,2053)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	10	2.61
(1,2053)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	12	2.61
(1,2053)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	12	2.61
(1,2053)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	12	2.61
(1,2053)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	12	2.61
(1,2053)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	12	2.61
(1,2053)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	12	2.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2053)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	12	2.61
(1,2053)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	12	2.61
(1,2053)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	12	2.61
(1,2053)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	12	2.61
(1,2053)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	12	2.61
(1,2053)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	12	2.61
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB1	7	2.61
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB2	7	2.61
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB3	7	2.61
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB1	14	2.61
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB2	14	2.61
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB3	14	2.61
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG21	16	2.61
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG22	16	2.61
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG23	16	2.61
(1,881)	1:8:A:ASP:HB2	1:54:A:ARG:HE	5	2.61
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	8	2.6
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	8	2.6
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	8	2.6
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	8	2.6
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	8	2.6
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	8	2.6
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	8	2.6
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	8	2.6
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	8	2.6
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	8	2.6
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	8	2.6
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	8	2.6
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	8	2.6
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	8	2.6
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	8	2.6
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	8	2.6
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	8	2.6
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	8	2.6
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD2	7	2.6
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD3	7	2.6
(33,1729)	1:19:A:ALA:H	1:132:A:ALA:HA	7	2.6
(33,1634)	1:102:A:PRO:HA	1:105:A:LYS:HD2	17	2.6
(33,1634)	1:102:A:PRO:HA	1:105:A:LYS:HD3	17	2.6
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	6	2.6
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	6	2.6
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	6	2.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD11	14	2.6
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD12	14	2.6
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD13	14	2.6
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD21	14	2.6
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD22	14	2.6
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD23	14	2.6
(30,1373)	1:47:A:ALA:H	1:134:A:VAL:HG11	11	2.6
(30,1373)	1:47:A:ALA:H	1:134:A:VAL:HG12	11	2.6
(30,1373)	1:47:A:ALA:H	1:134:A:VAL:HG13	11	2.6
(19,11)	1:127:A:CYS:SG	1:56:A:CYS:CB	9	2.6
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	3	2.6
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	3	2.6
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	3	2.6
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	3	2.6
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	3	2.6
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	3	2.6
(17,2028)	1:17:A:ASN:HB2	1:76:A:ARG:HD2	12	2.6
(17,2028)	1:17:A:ASN:HB2	1:76:A:ARG:HD3	12	2.6
(17,2028)	1:17:A:ASN:HB3	1:76:A:ARG:HD2	12	2.6
(17,2028)	1:17:A:ASN:HB3	1:76:A:ARG:HD3	12	2.6
(17,1040)	1:60:A:LEU:H	1:63:A:ILE:HG13	11	2.6
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG11	7	2.6
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG12	7	2.6
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG13	7	2.6
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	12	2.6
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	12	2.6
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	12	2.6
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	12	2.6
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	12	2.6
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	12	2.6
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	12	2.6
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	12	2.6
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	12	2.6
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	12	2.6
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	12	2.6
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	12	2.6
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	12	2.6
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	12	2.6
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	12	2.6
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	12	2.6
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	12	2.6
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	12	2.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1864)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	6	2.6
(13,1864)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	6	2.6
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	5	2.6
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	5	2.6
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	5	2.6
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	5	2.6
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	5	2.6
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	5	2.6
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	5	2.6
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	5	2.6
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	5	2.6
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD21	14	2.6
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD22	14	2.6
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD23	14	2.6
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD21	14	2.6
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD22	14	2.6
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD23	14	2.6
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD21	14	2.6
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD22	14	2.6
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD23	14	2.6
(11,122)	1:78:A:HIS:HA	1:80:A:TYR:H	1	2.6
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD2	7	2.6
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD3	7	2.6
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	6	2.6
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	6	2.6
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	6	2.6
(5,1109)	1:41:A:LYS:HG3	1:42:A:GLU:HA	19	2.6
(5,843)	1:43:A:MET:HE1	1:144:A:LEU:HB3	15	2.6
(5,843)	1:43:A:MET:HE2	1:144:A:LEU:HB3	15	2.6
(5,843)	1:43:A:MET:HE3	1:144:A:LEU:HB3	15	2.6
(5,843)	1:43:A:MET:HE1	1:144:A:LEU:HB2	15	2.6
(5,843)	1:43:A:MET:HE2	1:144:A:LEU:HB2	15	2.6
(5,843)	1:43:A:MET:HE3	1:144:A:LEU:HB2	15	2.6
(4,833)	1:48:A:ARG:HD2	1:49:A:LYS:HA	14	2.6
(4,833)	1:48:A:ARG:HD3	1:49:A:LYS:HA	14	2.6
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	3	2.6
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	3	2.6
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	3	2.6
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	3	2.6
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	3	2.6
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	3	2.6
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	3	2.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	3	2.6
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	3	2.6
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	3	2.6
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	3	2.6
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	3	2.6
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	3	2.6
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	3	2.6
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	3	2.6
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	3	2.6
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	3	2.6
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	3	2.6
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG11	15	2.6
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG12	15	2.6
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG13	15	2.6
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG21	15	2.6
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG22	15	2.6
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG23	15	2.6
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	1	2.6
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	1	2.6
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	1	2.6
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	1	2.6
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG21	10	2.6
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG22	10	2.6
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG23	10	2.6
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG21	10	2.6
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG22	10	2.6
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG23	10	2.6
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG21	10	2.6
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG22	10	2.6
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG23	10	2.6
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG11	10	2.6
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG12	10	2.6
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG13	10	2.6
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG11	10	2.6
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG12	10	2.6
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG13	10	2.6
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG11	10	2.6
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG12	10	2.6
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG13	10	2.6
(1,1076)	1:66:A:THR:HG21	1:95:A:ILE:HA	16	2.6
(1,1076)	1:66:A:THR:HG22	1:95:A:ILE:HA	16	2.6
(1,1076)	1:66:A:THR:HG23	1:95:A:ILE:HA	16	2.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	2	2.59
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	2	2.59
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	2	2.59
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	2	2.59
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD21	17	2.59
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD22	17	2.59
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD23	17	2.59
(29,2036)	1:17:A:ASN:HB2	1:76:A:ARG:HD2	17	2.59
(29,2036)	1:17:A:ASN:HB2	1:76:A:ARG:HD3	17	2.59
(29,2036)	1:17:A:ASN:HB3	1:76:A:ARG:HD2	17	2.59
(29,2036)	1:17:A:ASN:HB3	1:76:A:ARG:HD3	17	2.59
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	17	2.59
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	17	2.59
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	17	2.59
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	17	2.59
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	17	2.59
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	17	2.59
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	17	2.59
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	17	2.59
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	17	2.59
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	17	2.59
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	17	2.59
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	17	2.59
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	8	2.59
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	8	2.59
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	8	2.59
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	8	2.59
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	8	2.59
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	8	2.59
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	8	2.59
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	8	2.59
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	8	2.59
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	17	2.59
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	17	2.59
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	17	2.59
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	17	2.59
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	17	2.59
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	17	2.59
(13,1848)	1:64:A:LYS:HD2	1:104:A:PHE:HZ	8	2.59
(13,1848)	1:64:A:LYS:HD3	1:104:A:PHE:HZ	8	2.59
(13,857)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	18	2.59
(13,857)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	18	2.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2074)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	6	2.59
(11,2074)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	6	2.59
(11,2074)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	6	2.59
(11,2074)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	6	2.59
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD21	17	2.59
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD22	17	2.59
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD23	17	2.59
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	2	2.59
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	2	2.59
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	2	2.59
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	17	2.59
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	17	2.59
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	17	2.59
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	17	2.59
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	17	2.59
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	17	2.59
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	17	2.59
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	17	2.59
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	17	2.59
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	17	2.59
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	17	2.59
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	17	2.59
(5,936)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	17	2.59
(5,936)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	17	2.59
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	17	2.59
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	17	2.59
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	17	2.59
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	17	2.59
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	17	2.59
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	17	2.59
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	17	2.59
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	17	2.59
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	17	2.59
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD21	19	2.59
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD22	19	2.59
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD23	19	2.59
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	17	2.59
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	17	2.59
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	17	2.59
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	17	2.59
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	17	2.59
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	17	2.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1407)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	11	2.59
(3,1407)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	11	2.59
(3,1407)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	11	2.59
(3,992)	1:31:A:PRO:HB2	1:143:A:TRP:HA	12	2.59
(3,992)	1:31:A:PRO:HB3	1:143:A:TRP:HA	12	2.59
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	5	2.59
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	5	2.59
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG21	17	2.59
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG22	17	2.59
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG23	17	2.59
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD21	17	2.59
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD22	17	2.59
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD23	17	2.59
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG11	7	2.59
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG12	7	2.59
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG13	7	2.59
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG21	7	2.59
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG22	7	2.59
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG23	7	2.59
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG11	7	2.59
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG12	7	2.59
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG13	7	2.59
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG21	7	2.59
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG22	7	2.59
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG23	7	2.59
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG11	7	2.59
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG12	7	2.59
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG13	7	2.59
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG21	7	2.59
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG22	7	2.59
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG23	7	2.59
(34,908)	1:10:A:ASN:HD22	1:11:A:ILE:HB	8	2.58
(33,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB2	7	2.58
(33,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB2	7	2.58
(33,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB2	7	2.58
(33,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB2	7	2.58
(33,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB2	7	2.58
(33,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB2	7	2.58
(33,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB3	7	2.58
(33,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB3	7	2.58
(33,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB3	7	2.58
(33,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB3	7	2.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB3	7	2.58
(33,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB3	7	2.58
(33,558)	1:10:A:ASN:HD21	1:14:A:VAL:HB	15	2.58
(32,2134)	1:43:A:MET:HE1	1:46:A:ASN:HB2	7	2.58
(32,2134)	1:43:A:MET:HE1	1:46:A:ASN:HB3	7	2.58
(32,2134)	1:43:A:MET:HE2	1:46:A:ASN:HB2	7	2.58
(32,2134)	1:43:A:MET:HE2	1:46:A:ASN:HB3	7	2.58
(32,2134)	1:43:A:MET:HE3	1:46:A:ASN:HB2	7	2.58
(32,2134)	1:43:A:MET:HE3	1:46:A:ASN:HB3	7	2.58
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	16	2.58
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	16	2.58
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	16	2.58
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	16	2.58
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	16	2.58
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	16	2.58
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	16	2.58
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	16	2.58
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	16	2.58
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	16	2.58
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	16	2.58
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	16	2.58
(16,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB2	7	2.58
(16,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB2	7	2.58
(16,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB2	7	2.58
(16,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB2	7	2.58
(16,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB2	7	2.58
(16,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB2	7	2.58
(16,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB3	7	2.58
(16,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB3	7	2.58
(16,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB3	7	2.58
(16,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB3	7	2.58
(16,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB3	7	2.58
(16,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB3	7	2.58
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD11	15	2.58
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD12	15	2.58
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD13	15	2.58
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD21	15	2.58
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD22	15	2.58
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD23	15	2.58
(16,1716)	1:21:A:THR:HG21	1:147:A:ARG:HE	10	2.58
(16,1716)	1:21:A:THR:HG22	1:147:A:ARG:HE	10	2.58
(16,1716)	1:21:A:THR:HG23	1:147:A:ARG:HE	10	2.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,566)	1:10:A:ASN:HD21	1:14:A:VAL:HB	15	2.58
(16,121)	1:78:A:HIS:HA	1:80:A:TYR:H	1	2.58
(15,992)	1:12:A:VAL:HB	1:40:A:LEU:H	14	2.58
(13,1848)	1:64:A:LYS:HD2	1:104:A:PHE:HZ	2	2.58
(13,1848)	1:64:A:LYS:HD3	1:104:A:PHE:HZ	2	2.58
(13,873)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	19	2.58
(13,873)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	19	2.58
(13,873)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	19	2.58
(13,555)	1:10:A:ASN:HD21	1:14:A:VAL:HB	15	2.58
(11,122)	1:78:A:HIS:HA	1:80:A:TYR:H	15	2.58
(7,2120)	1:43:A:MET:HE1	1:46:A:ASN:HB2	7	2.58
(7,2120)	1:43:A:MET:HE1	1:46:A:ASN:HB3	7	2.58
(7,2120)	1:43:A:MET:HE2	1:46:A:ASN:HB2	7	2.58
(7,2120)	1:43:A:MET:HE2	1:46:A:ASN:HB3	7	2.58
(7,2120)	1:43:A:MET:HE3	1:46:A:ASN:HB2	7	2.58
(7,2120)	1:43:A:MET:HE3	1:46:A:ASN:HB3	7	2.58
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	5	2.58
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	5	2.58
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	5	2.58
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	5	2.58
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	5	2.58
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	5	2.58
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	5	2.58
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	5	2.58
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	5	2.58
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	5	2.58
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	5	2.58
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	5	2.58
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	5	2.58
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	5	2.58
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	5	2.58
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	5	2.58
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	5	2.58
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	5	2.58
(7,560)	1:10:A:ASN:HD21	1:14:A:VAL:HB	15	2.58
(5,1663)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	11	2.58
(5,1663)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	11	2.58
(5,1663)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	11	2.58
(5,1663)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	11	2.58
(5,1663)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	11	2.58
(5,1663)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	11	2.58
(5,555)	1:10:A:ASN:HD21	1:14:A:VAL:HB	15	2.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2145)	1:43:A:MET:HE1	1:46:A:ASN:HB2	7	2.58
(4,2145)	1:43:A:MET:HE1	1:46:A:ASN:HB3	7	2.58
(4,2145)	1:43:A:MET:HE2	1:46:A:ASN:HB2	7	2.58
(4,2145)	1:43:A:MET:HE2	1:46:A:ASN:HB3	7	2.58
(4,2145)	1:43:A:MET:HE3	1:46:A:ASN:HB2	7	2.58
(4,2145)	1:43:A:MET:HE3	1:46:A:ASN:HB3	7	2.58
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB1	7	2.58
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB2	7	2.58
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB3	7	2.58
(3,1933)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	13	2.58
(3,1933)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	13	2.58
(3,1933)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	13	2.58
(3,1933)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	13	2.58
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD11	6	2.58
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD12	6	2.58
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD13	6	2.58
(3,122)	1:78:A:HIS:HA	1:80:A:TYR:H	1	2.58
(2,1845)	1:9:A:PHE:HZ	1:54:A:ARG:HE	14	2.58
(2,841)	1:43:A:MET:HE1	1:144:A:LEU:HB2	16	2.58
(2,841)	1:43:A:MET:HE2	1:144:A:LEU:HB2	16	2.58
(2,841)	1:43:A:MET:HE3	1:144:A:LEU:HB2	16	2.58
(2,841)	1:43:A:MET:HE1	1:144:A:LEU:HB3	16	2.58
(2,841)	1:43:A:MET:HE2	1:144:A:LEU:HB3	16	2.58
(2,841)	1:43:A:MET:HE3	1:144:A:LEU:HB3	16	2.58
(1,564)	1:10:A:ASN:HD21	1:14:A:VAL:HB	15	2.58
(34,1655)	1:31:A:PRO:HD3	1:140:A:LEU:HA	16	2.57
(34,1362)	1:17:A:ASN:HA	1:76:A:ARG:HA	1	2.57
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG21	5	2.57
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG22	5	2.57
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG23	5	2.57
(32,1811)	1:13:A:ALA:HA	1:80:A:TYR:HE1	13	2.57
(32,1811)	1:13:A:ALA:HA	1:80:A:TYR:HE2	13	2.57
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG21	5	2.57
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG22	5	2.57
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG23	5	2.57
(30,1078)	1:136:A:CYS:HB2	1:141:A:LYS:HA	2	2.57
(19,14)	1:52:A:CYS:SG	1:123:A:CYS:CB	19	2.57
(19,7)	1:123:A:CYS:SG	1:56:A:CYS:CB	16	2.57
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	11	2.57
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	11	2.57
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	11	2.57
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	11	2.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	11	2.57
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	11	2.57
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	11	2.57
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	11	2.57
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	11	2.57
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	11	2.57
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	11	2.57
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	11	2.57
(18,1629)	1:31:A:PRO:HD3	1:140:A:LEU:HA	16	2.57
(18,931)	1:108:A:GLU:HG3	1:112:A:GLN:H	11	2.57
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD11	12	2.57
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD12	12	2.57
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD13	12	2.57
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD21	12	2.57
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD22	12	2.57
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD23	12	2.57
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD11	12	2.57
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD12	12	2.57
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD13	12	2.57
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD21	12	2.57
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD22	12	2.57
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD23	12	2.57
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD11	12	2.57
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD12	12	2.57
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD13	12	2.57
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD21	12	2.57
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD22	12	2.57
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD23	12	2.57
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD11	12	2.57
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD12	12	2.57
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD13	12	2.57
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD21	12	2.57
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD22	12	2.57
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD23	12	2.57
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD11	12	2.57
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD12	12	2.57
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD13	12	2.57
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD21	12	2.57
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD22	12	2.57
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD23	12	2.57
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD11	12	2.57
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD12	12	2.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD13	12	2.57
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD21	12	2.57
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD22	12	2.57
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD23	12	2.57
(17,1356)	1:17:A:ASN:HA	1:76:A:ARG:HA	1	2.57
(16,981)	1:43:A:MET:HB3	1:134:A:VAL:HG11	13	2.57
(16,981)	1:43:A:MET:HB3	1:134:A:VAL:HG12	13	2.57
(16,981)	1:43:A:MET:HB3	1:134:A:VAL:HG13	13	2.57
(6,1848)	1:13:A:ALA:HA	1:80:A:TYR:HE1	13	2.57
(6,1848)	1:13:A:ALA:HA	1:80:A:TYR:HE2	13	2.57
(6,1340)	1:17:A:ASN:HA	1:76:A:ARG:HA	1	2.57
(6,979)	1:31:A:PRO:HB2	1:144:A:LEU:HB3	16	2.57
(6,979)	1:31:A:PRO:HB3	1:144:A:LEU:HB3	16	2.57
(5,2146)	1:43:A:MET:HE1	1:144:A:LEU:HB2	11	2.57
(5,2146)	1:43:A:MET:HE1	1:144:A:LEU:HB3	11	2.57
(5,2146)	1:43:A:MET:HE2	1:144:A:LEU:HB2	11	2.57
(5,2146)	1:43:A:MET:HE2	1:144:A:LEU:HB3	11	2.57
(5,2146)	1:43:A:MET:HE3	1:144:A:LEU:HB2	11	2.57
(5,2146)	1:43:A:MET:HE3	1:144:A:LEU:HB3	11	2.57
(5,2127)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	11	2.57
(5,2127)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	11	2.57
(5,2127)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	11	2.57
(5,2127)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	11	2.57
(5,2127)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	11	2.57
(5,2127)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	11	2.57
(4,1436)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	3	2.57
(4,1436)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	3	2.57
(4,1436)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	3	2.57
(4,213)	1:44:A:GLU:HG2	1:48:A:ARG:H	6	2.57
(3,1873)	1:13:A:ALA:HA	1:80:A:TYR:HE1	13	2.57
(3,1873)	1:13:A:ALA:HA	1:80:A:TYR:HE2	13	2.57
(3,1679)	1:134:A:VAL:HG11	1:137:A:SER:H	7	2.57
(3,1679)	1:134:A:VAL:HG12	1:137:A:SER:H	7	2.57
(3,1679)	1:134:A:VAL:HG13	1:137:A:SER:H	7	2.57
(3,1368)	1:17:A:ASN:HA	1:76:A:ARG:HA	1	2.57
(2,1345)	1:17:A:ASN:HA	1:76:A:ARG:HA	1	2.57
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG21	9	2.57
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG22	9	2.57
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG23	9	2.57
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG21	9	2.57
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG22	9	2.57
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG23	9	2.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG21	9	2.57
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG22	9	2.57
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG23	9	2.57
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG11	9	2.57
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG12	9	2.57
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG13	9	2.57
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG11	9	2.57
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG12	9	2.57
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG13	9	2.57
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG11	9	2.57
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG12	9	2.57
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG13	9	2.57
(34,720)	1:45:A:ALA:HB1	1:48:A:ARG:HE	7	2.56
(34,720)	1:45:A:ALA:HB2	1:48:A:ARG:HE	7	2.56
(34,720)	1:45:A:ALA:HB3	1:48:A:ARG:HE	7	2.56
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD11	6	2.56
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD12	6	2.56
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD13	6	2.56
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD21	6	2.56
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD22	6	2.56
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD23	6	2.56
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD21	14	2.56
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD22	14	2.56
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD23	14	2.56
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD21	14	2.56
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD22	14	2.56
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD23	14	2.56
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD21	14	2.56
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD22	14	2.56
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD23	14	2.56
(30,708)	1:45:A:ALA:HB1	1:48:A:ARG:HE	7	2.56
(30,708)	1:45:A:ALA:HB2	1:48:A:ARG:HE	7	2.56
(30,708)	1:45:A:ALA:HB3	1:48:A:ARG:HE	7	2.56
(30,482)	1:145:A:PRO:HB2	1:148:A:CYS:H	2	2.56
(29,719)	1:45:A:ALA:HB1	1:48:A:ARG:HE	7	2.56
(29,719)	1:45:A:ALA:HB2	1:48:A:ARG:HE	7	2.56
(29,719)	1:45:A:ALA:HB3	1:48:A:ARG:HE	7	2.56
(18,942)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	17	2.56
(18,942)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	17	2.56
(18,931)	1:108:A:GLU:HG3	1:112:A:GLN:H	17	2.56
(16,673)	1:110:A:MET:H	1:111:A:GLU:HG2	1	2.56
(16,673)	1:110:A:MET:H	1:111:A:GLU:HG2	19	2.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,121)	1:78:A:HIS:HA	1:80:A:TYR:H	15	2.56
(15,2490)	1:144:A:LEU:HB2	1:148:A:CYS:H	4	2.56
(15,2490)	1:144:A:LEU:HB3	1:148:A:CYS:H	4	2.56
(15,2020)	1:27:A:ARG:HE	1:30:A:LEU:HD11	10	2.56
(15,2020)	1:27:A:ARG:HE	1:30:A:LEU:HD12	10	2.56
(15,2020)	1:27:A:ARG:HE	1:30:A:LEU:HD13	10	2.56
(15,2020)	1:27:A:ARG:HE	1:30:A:LEU:HD21	10	2.56
(15,2020)	1:27:A:ARG:HE	1:30:A:LEU:HD22	10	2.56
(15,2020)	1:27:A:ARG:HE	1:30:A:LEU:HD23	10	2.56
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	8	2.56
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	8	2.56
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	8	2.56
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	8	2.56
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	8	2.56
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	8	2.56
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	8	2.56
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	8	2.56
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	8	2.56
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	8	2.56
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	8	2.56
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	8	2.56
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	8	2.56
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	8	2.56
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	8	2.56
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	8	2.56
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	8	2.56
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	8	2.56
(11,2074)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	4	2.56
(11,2074)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	4	2.56
(11,2074)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	4	2.56
(11,2074)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	4	2.56
(11,712)	1:45:A:ALA:HB1	1:48:A:ARG:HE	7	2.56
(11,712)	1:45:A:ALA:HB2	1:48:A:ARG:HE	7	2.56
(11,712)	1:45:A:ALA:HB3	1:48:A:ARG:HE	7	2.56
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG11	17	2.56
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG12	17	2.56
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG13	17	2.56
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG21	17	2.56
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG22	17	2.56
(7,1987)	1:20:A:THR:HG21	1:134:A:VAL:HG23	17	2.56
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG11	17	2.56
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG12	17	2.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG13	17	2.56
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG21	17	2.56
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG22	17	2.56
(7,1987)	1:20:A:THR:HG22	1:134:A:VAL:HG23	17	2.56
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG11	17	2.56
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG12	17	2.56
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG13	17	2.56
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG21	17	2.56
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG22	17	2.56
(7,1987)	1:20:A:THR:HG23	1:134:A:VAL:HG23	17	2.56
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG12	1	2.56
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG13	1	2.56
(3,1905)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	6	2.56
(3,1905)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	6	2.56
(3,1905)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	6	2.56
(3,1905)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	6	2.56
(3,122)	1:78:A:HIS:HA	1:80:A:TYR:H	15	2.56
(2,2063)	1:27:A:ARG:HE	1:30:A:LEU:HD11	10	2.56
(2,2063)	1:27:A:ARG:HE	1:30:A:LEU:HD12	10	2.56
(2,2063)	1:27:A:ARG:HE	1:30:A:LEU:HD13	10	2.56
(2,2063)	1:27:A:ARG:HE	1:30:A:LEU:HD21	10	2.56
(2,2063)	1:27:A:ARG:HE	1:30:A:LEU:HD22	10	2.56
(2,2063)	1:27:A:ARG:HE	1:30:A:LEU:HD23	10	2.56
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD21	14	2.56
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD22	14	2.56
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD23	14	2.56
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG21	16	2.56
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG22	16	2.56
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG23	16	2.56
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG21	11	2.56
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG22	11	2.56
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG23	11	2.56
(1,919)	1:21:A:THR:HB	1:24:A:ASP:H	11	2.56
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	18	2.55
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	18	2.55
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	18	2.55
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	18	2.55
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	18	2.55
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	18	2.55
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	18	2.55
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	18	2.55
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	18	2.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	18	2.55
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	18	2.55
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	18	2.55
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	11	2.55
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	11	2.55
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	11	2.55
(33,1627)	1:27:A:ARG:HA	1:30:A:LEU:H	15	2.55
(19,4)	1:123:A:CYS:SG	1:120:A:CYS:CB	17	2.55
(17,1772)	1:39:A:VAL:HB	1:139:A:LEU:HA	16	2.55
(16,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	2	2.55
(16,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	2	2.55
(16,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	2	2.55
(16,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	2	2.55
(16,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	2	2.55
(16,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	2	2.55
(16,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	2	2.55
(16,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	2	2.55
(16,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	2	2.55
(16,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	2	2.55
(16,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	2	2.55
(16,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	2	2.55
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD11	1	2.55
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD12	1	2.55
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD13	1	2.55
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD21	1	2.55
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD22	1	2.55
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD23	1	2.55
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	9	2.55
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	9	2.55
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	9	2.55
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD11	13	2.55
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD12	13	2.55
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD13	13	2.55
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD21	13	2.55
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD22	13	2.55
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD23	13	2.55
(6,1015)	1:60:A:LEU:H	1:63:A:ILE:HG13	11	2.55
(5,1206)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	15	2.55
(5,1206)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	15	2.55
(5,1206)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	15	2.55
(5,1023)	1:27:A:ARG:HB3	1:29:A:LYS:HG2	9	2.55
(5,1023)	1:27:A:ARG:HB3	1:29:A:LYS:HG3	9	2.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	10	2.55
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	10	2.55
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	10	2.55
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	10	2.55
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	10	2.55
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	10	2.55
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	10	2.55
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	10	2.55
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	10	2.55
(33,2500)	1:144:A:LEU:HD11	1:148:A:CYS:H	15	2.54
(33,2500)	1:144:A:LEU:HD12	1:148:A:CYS:H	15	2.54
(33,2500)	1:144:A:LEU:HD13	1:148:A:CYS:H	15	2.54
(33,2500)	1:144:A:LEU:HD21	1:148:A:CYS:H	15	2.54
(33,2500)	1:144:A:LEU:HD22	1:148:A:CYS:H	15	2.54
(33,2500)	1:144:A:LEU:HD23	1:148:A:CYS:H	15	2.54
(32,701)	1:44:A:GLU:HB2	1:54:A:ARG:HE	11	2.54
(32,701)	1:44:A:GLU:HB3	1:54:A:ARG:HE	11	2.54
(30,716)	1:44:A:GLU:HB2	1:54:A:ARG:HE	11	2.54
(30,716)	1:44:A:GLU:HB3	1:54:A:ARG:HE	11	2.54
(29,2445)	1:144:A:LEU:HD11	1:148:A:CYS:H	15	2.54
(29,2445)	1:144:A:LEU:HD12	1:148:A:CYS:H	15	2.54
(29,2445)	1:144:A:LEU:HD13	1:148:A:CYS:H	15	2.54
(29,2445)	1:144:A:LEU:HD21	1:148:A:CYS:H	15	2.54
(29,2445)	1:144:A:LEU:HD22	1:148:A:CYS:H	15	2.54
(29,2445)	1:144:A:LEU:HD23	1:148:A:CYS:H	15	2.54
(29,726)	1:44:A:GLU:HB2	1:54:A:ARG:HE	11	2.54
(29,726)	1:44:A:GLU:HB3	1:54:A:ARG:HE	11	2.54
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD11	16	2.54
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD12	16	2.54
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD13	16	2.54
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD21	16	2.54
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD22	16	2.54
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD23	16	2.54
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	18	2.54
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	18	2.54
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	18	2.54
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	18	2.54
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	18	2.54
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	18	2.54
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	18	2.54
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	18	2.54
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	18	2.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	18	2.54
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	18	2.54
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	18	2.54
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD2	2	2.54
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD3	2	2.54
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD2	2	2.54
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD3	2	2.54
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD2	2	2.54
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD3	2	2.54
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD2	6	2.54
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD3	6	2.54
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG2	10	2.54
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG3	10	2.54
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG2	10	2.54
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG3	10	2.54
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG2	10	2.54
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG3	10	2.54
(11,1682)	1:134:A:VAL:HG11	1:137:A:SER:H	13	2.54
(11,1682)	1:134:A:VAL:HG12	1:137:A:SER:H	13	2.54
(11,1682)	1:134:A:VAL:HG13	1:137:A:SER:H	13	2.54
(9,2433)	1:144:A:LEU:HD11	1:148:A:CYS:H	15	2.54
(9,2433)	1:144:A:LEU:HD12	1:148:A:CYS:H	15	2.54
(9,2433)	1:144:A:LEU:HD13	1:148:A:CYS:H	15	2.54
(9,2433)	1:144:A:LEU:HD21	1:148:A:CYS:H	15	2.54
(9,2433)	1:144:A:LEU:HD22	1:148:A:CYS:H	15	2.54
(9,2433)	1:144:A:LEU:HD23	1:148:A:CYS:H	15	2.54
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD2	6	2.54
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD3	6	2.54
(5,2474)	1:144:A:LEU:HD11	1:148:A:CYS:H	15	2.54
(5,2474)	1:144:A:LEU:HD12	1:148:A:CYS:H	15	2.54
(5,2474)	1:144:A:LEU:HD13	1:148:A:CYS:H	15	2.54
(5,2474)	1:144:A:LEU:HD21	1:148:A:CYS:H	15	2.54
(5,2474)	1:144:A:LEU:HD22	1:148:A:CYS:H	15	2.54
(5,2474)	1:144:A:LEU:HD23	1:148:A:CYS:H	15	2.54
(4,862)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	16	2.54
(4,862)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	16	2.54
(3,811)	1:11:A:ILE:HD11	1:43:A:MET:HG2	14	2.54
(3,811)	1:11:A:ILE:HD12	1:43:A:MET:HG2	14	2.54
(3,811)	1:11:A:ILE:HD13	1:43:A:MET:HG2	14	2.54
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	14	2.54
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	14	2.54
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	14	2.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD11	15	2.53
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD12	15	2.53
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD13	15	2.53
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD21	15	2.53
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD22	15	2.53
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD23	15	2.53
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE1	15	2.53
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE2	15	2.53
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE3	15	2.53
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE1	15	2.53
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE2	15	2.53
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE3	15	2.53
(33,1634)	1:102:A:PRO:HA	1:105:A:LYS:HD2	19	2.53
(33,1634)	1:102:A:PRO:HA	1:105:A:LYS:HD3	19	2.53
(33,1507)	1:11:A:ILE:HD11	1:43:A:MET:HE1	18	2.53
(33,1507)	1:11:A:ILE:HD11	1:43:A:MET:HE2	18	2.53
(33,1507)	1:11:A:ILE:HD11	1:43:A:MET:HE3	18	2.53
(33,1507)	1:11:A:ILE:HD12	1:43:A:MET:HE1	18	2.53
(33,1507)	1:11:A:ILE:HD12	1:43:A:MET:HE2	18	2.53
(33,1507)	1:11:A:ILE:HD12	1:43:A:MET:HE3	18	2.53
(33,1507)	1:11:A:ILE:HD13	1:43:A:MET:HE1	18	2.53
(33,1507)	1:11:A:ILE:HD13	1:43:A:MET:HE2	18	2.53
(33,1507)	1:11:A:ILE:HD13	1:43:A:MET:HE3	18	2.53
(32,1418)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	8	2.53
(32,1418)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	8	2.53
(32,1418)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	16	2.53
(32,1418)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	16	2.53
(30,1127)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	3	2.53
(30,1127)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	3	2.53
(30,1127)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	3	2.53
(30,1127)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	3	2.53
(30,1127)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	3	2.53
(30,1127)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	3	2.53
(29,1561)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	3	2.53
(29,1561)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	3	2.53
(29,1561)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	3	2.53
(29,1561)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	3	2.53
(29,1561)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	3	2.53
(29,1561)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	3	2.53
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD11	15	2.53
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD12	15	2.53
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD13	15	2.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD21	15	2.53
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD22	15	2.53
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD23	15	2.53
(17,1568)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	3	2.53
(17,1568)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	3	2.53
(17,1568)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	3	2.53
(17,1568)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	3	2.53
(17,1568)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	3	2.53
(17,1568)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	3	2.53
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD11	15	2.53
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD12	15	2.53
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD13	15	2.53
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD21	15	2.53
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD22	15	2.53
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD23	15	2.53
(16,1937)	1:10:A:ASN:HD21	1:15:A:ALA:H	15	2.53
(16,1937)	1:10:A:ASN:HD22	1:15:A:ALA:H	15	2.53
(16,1834)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	4	2.53
(16,1834)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	4	2.53
(16,1834)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	4	2.53
(16,1834)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	4	2.53
(16,1626)	1:27:A:ARG:HA	1:30:A:LEU:H	10	2.53
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	10	2.53
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	10	2.53
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	10	2.53
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	10	2.53
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	10	2.53
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	10	2.53
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	10	2.53
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	10	2.53
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	10	2.53
(15,1538)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	3	2.53
(15,1538)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	3	2.53
(15,1538)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	3	2.53
(15,1538)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	3	2.53
(15,1538)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	3	2.53
(15,1538)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	3	2.53
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD11	15	2.53
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD12	15	2.53
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD13	15	2.53
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD21	15	2.53
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD22	15	2.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD23	15	2.53
(9,1544)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	3	2.53
(9,1544)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	3	2.53
(9,1544)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	3	2.53
(9,1544)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	3	2.53
(9,1544)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	3	2.53
(9,1544)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	3	2.53
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG11	8	2.53
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG12	8	2.53
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG13	8	2.53
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG21	8	2.53
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG22	8	2.53
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG23	8	2.53
(5,896)	1:21:A:THR:HB	1:24:A:ASP:H	11	2.53
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD11	15	2.53
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD12	15	2.53
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD13	15	2.53
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD21	15	2.53
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD22	15	2.53
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD23	15	2.53
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD21	3	2.53
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD22	3	2.53
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD23	3	2.53
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD21	3	2.53
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD22	3	2.53
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD23	3	2.53
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD21	3	2.53
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD22	3	2.53
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD23	3	2.53
(3,1119)	1:41:A:LYS:HG3	1:42:A:GLU:HA	19	2.53
(1,2056)	1:31:A:PRO:HD2	1:143:A:TRP:HA	5	2.53
(1,2056)	1:31:A:PRO:HD3	1:143:A:TRP:HA	5	2.53
(1,1158)	1:39:A:VAL:HB	1:139:A:LEU:HA	10	2.53
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD21	16	2.52
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD22	16	2.52
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD23	16	2.52
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD2	7	2.52
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD3	7	2.52
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD11	18	2.52
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD12	18	2.52
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD13	18	2.52
(34,448)	1:68:A:LYS:H	1:70:A:LYS:HG2	15	2.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	11	2.52
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	11	2.52
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	11	2.52
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	11	2.52
(32,1707)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	19	2.52
(32,1707)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	19	2.52
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD11	17	2.52
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD12	17	2.52
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD13	17	2.52
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD21	17	2.52
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD22	17	2.52
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD23	17	2.52
(17,1129)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	1	2.52
(17,1129)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	1	2.52
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG11	9	2.52
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG12	9	2.52
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG13	9	2.52
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG11	11	2.52
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG12	11	2.52
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG13	11	2.52
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG21	11	2.52
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG22	11	2.52
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG23	11	2.52
(13,1934)	1:12:A:VAL:HG11	1:32:A:GLY:HA2	9	2.52
(13,1934)	1:12:A:VAL:HG12	1:32:A:GLY:HA2	9	2.52
(13,1934)	1:12:A:VAL:HG13	1:32:A:GLY:HA2	9	2.52
(13,1934)	1:12:A:VAL:HG21	1:32:A:GLY:HA2	9	2.52
(13,1934)	1:12:A:VAL:HG22	1:32:A:GLY:HA2	9	2.52
(13,1934)	1:12:A:VAL:HG23	1:32:A:GLY:HA2	9	2.52
(13,877)	1:13:A:ALA:H	1:80:A:TYR:HB2	17	2.52
(11,122)	1:78:A:HIS:HA	1:80:A:TYR:H	2	2.52
(9,2428)	1:144:A:LEU:HB2	1:148:A:CYS:H	12	2.52
(9,2428)	1:144:A:LEU:HB3	1:148:A:CYS:H	12	2.52
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	19	2.52
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	19	2.52
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	19	2.52
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE1	8	2.52
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE2	8	2.52
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE3	8	2.52
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE1	8	2.52
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE2	8	2.52
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE3	8	2.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG11	9	2.52
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG12	9	2.52
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG13	9	2.52
(5,1023)	1:27:A:ARG:HB3	1:29:A:LYS:HG2	17	2.52
(5,1023)	1:27:A:ARG:HB3	1:29:A:LYS:HG3	17	2.52
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG2	14	2.52
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG3	14	2.52
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG2	14	2.52
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG3	14	2.52
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG2	14	2.52
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG3	14	2.52
(3,983)	1:11:A:ILE:HG12	1:14:A:VAL:HB	14	2.52
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG11	9	2.52
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG12	9	2.52
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG13	9	2.52
(2,1136)	1:10:A:ASN:HD22	1:80:A:TYR:HA	14	2.52
(2,1110)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	1	2.52
(2,1110)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	1	2.52
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE1	8	2.52
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE2	8	2.52
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE3	8	2.52
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE1	8	2.52
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE2	8	2.52
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE3	8	2.52
(1,648)	1:66:A:THR:H	1:96:A:VAL:H	13	2.52
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	5	2.51
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	5	2.51
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	5	2.51
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	5	2.51
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	5	2.51
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	5	2.51
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	5	2.51
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	5	2.51
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	5	2.51
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	5	2.51
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	5	2.51
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	5	2.51
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	5	2.51
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	5	2.51
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	5	2.51
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	5	2.51
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	5	2.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	5	2.51
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE1	8	2.51
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE2	8	2.51
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE3	8	2.51
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD2	4	2.51
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD3	4	2.51
(33,1817)	1:9:A:PHE:HZ	1:54:A:ARG:HE	17	2.51
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD11	13	2.51
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD12	13	2.51
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD13	13	2.51
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD21	13	2.51
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD22	13	2.51
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD23	13	2.51
(30,1820)	1:9:A:PHE:HZ	1:54:A:ARG:HE	17	2.51
(30,1096)	1:31:A:PRO:HG2	1:143:A:TRP:HA	10	2.51
(30,1096)	1:31:A:PRO:HG3	1:143:A:TRP:HA	10	2.51
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD11	13	2.51
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD12	13	2.51
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD13	13	2.51
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD21	13	2.51
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD22	13	2.51
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD23	13	2.51
(29,977)	1:141:A:LYS:HB2	1:149:A:ALA:HA	12	2.51
(29,977)	1:141:A:LYS:HB3	1:149:A:ALA:HA	12	2.51
(20,5)	1:52:A:CYS:SG	1:127:A:CYS:SG	6	2.51
(19,19)	1:56:A:CYS:SG	1:127:A:CYS:CB	9	2.51
(19,16)	1:52:A:CYS:SG	1:56:A:CYS:CB	12	2.51
(19,9)	1:127:A:CYS:SG	1:123:A:CYS:CB	10	2.51
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD11	5	2.51
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD12	5	2.51
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD13	5	2.51
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD21	5	2.51
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD22	5	2.51
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD23	5	2.51
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD11	11	2.51
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD12	11	2.51
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD13	11	2.51
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD21	11	2.51
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD22	11	2.51
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD23	11	2.51
(18,124)	1:78:A:HIS:HA	1:80:A:TYR:H	3	2.51
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD11	14	2.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD12	14	2.51
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD13	14	2.51
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD21	14	2.51
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD22	14	2.51
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD23	14	2.51
(16,673)	1:110:A:MET:H	1:111:A:GLU:HG2	5	2.51
(16,673)	1:110:A:MET:H	1:111:A:GLU:HG2	10	2.51
(15,2496)	1:144:A:LEU:HD11	1:148:A:CYS:H	13	2.51
(15,2496)	1:144:A:LEU:HD12	1:148:A:CYS:H	13	2.51
(15,2496)	1:144:A:LEU:HD13	1:148:A:CYS:H	13	2.51
(15,2496)	1:144:A:LEU:HD21	1:148:A:CYS:H	13	2.51
(15,2496)	1:144:A:LEU:HD22	1:148:A:CYS:H	13	2.51
(15,2496)	1:144:A:LEU:HD23	1:148:A:CYS:H	13	2.51
(13,1422)	1:31:A:PRO:HD2	1:144:A:LEU:HB3	7	2.51
(9,923)	1:108:A:GLU:HG3	1:112:A:GLN:H	16	2.51
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD11	16	2.51
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD12	16	2.51
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD13	16	2.51
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD21	16	2.51
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD22	16	2.51
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD23	16	2.51
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	10	2.51
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	10	2.51
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	10	2.51
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	10	2.51
(7,1209)	1:79:A:THR:HG21	1:81:A:GLU:HA	5	2.51
(7,1209)	1:79:A:THR:HG22	1:81:A:GLU:HA	5	2.51
(7,1209)	1:79:A:THR:HG23	1:81:A:GLU:HA	5	2.51
(7,1209)	1:79:A:THR:HG21	1:81:A:GLU:HA	16	2.51
(7,1209)	1:79:A:THR:HG22	1:81:A:GLU:HA	16	2.51
(7,1209)	1:79:A:THR:HG23	1:81:A:GLU:HA	16	2.51
(6,914)	1:108:A:GLU:HG3	1:112:A:GLN:H	16	2.51
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD11	1	2.51
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD12	1	2.51
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD13	1	2.51
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD21	1	2.51
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD22	1	2.51
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD23	1	2.51
(5,1846)	1:9:A:PHE:HZ	1:54:A:ARG:HE	17	2.51
(5,1257)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	12	2.51
(5,1257)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	12	2.51
(5,1257)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	12	2.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD11	10	2.51
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD12	10	2.51
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD13	10	2.51
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD21	10	2.51
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD22	10	2.51
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD23	10	2.51
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	14	2.51
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	14	2.51
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG21	10	2.51
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG22	10	2.51
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG23	10	2.51
(1,915)	1:67:A:PRO:HD3	1:95:A:ILE:HB	1	2.51
(1,648)	1:66:A:THR:H	1:96:A:VAL:H	16	2.51
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG2	1	2.5
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG3	1	2.5
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	18	2.5
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	18	2.5
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	18	2.5
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	18	2.5
(32,1706)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	8	2.5
(32,1706)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	8	2.5
(32,1084)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	17	2.5
(32,1084)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	17	2.5
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD11	16	2.5
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD12	16	2.5
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD13	16	2.5
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD21	16	2.5
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD22	16	2.5
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD23	16	2.5
(29,1711)	1:53:A:THR:H	1:124:A:THR:HB	11	2.5
(29,1382)	1:47:A:ALA:H	1:134:A:VAL:HG11	11	2.5
(29,1382)	1:47:A:ALA:H	1:134:A:VAL:HG12	11	2.5
(29,1382)	1:47:A:ALA:H	1:134:A:VAL:HG13	11	2.5
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	3	2.5
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	3	2.5
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	3	2.5
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	3	2.5
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	3	2.5
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	3	2.5
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG2	1	2.5
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG3	1	2.5
(16,1937)	1:10:A:ASN:HD21	1:15:A:ALA:H	9	2.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1937)	1:10:A:ASN:HD22	1:15:A:ALA:H	9	2.5
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	8	2.5
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	8	2.5
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	8	2.5
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	8	2.5
(16,121)	1:78:A:HIS:HA	1:80:A:TYR:H	2	2.5
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG21	18	2.5
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG22	18	2.5
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG23	18	2.5
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	19	2.5
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	19	2.5
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	19	2.5
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	19	2.5
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	19	2.5
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	19	2.5
(11,122)	1:78:A:HIS:HA	1:80:A:TYR:H	11	2.5
(7,1666)	1:43:A:MET:HE1	1:131:A:LEU:HA	4	2.5
(7,1666)	1:43:A:MET:HE2	1:131:A:LEU:HA	4	2.5
(7,1666)	1:43:A:MET:HE3	1:131:A:LEU:HA	4	2.5
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG11	18	2.5
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG12	18	2.5
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG13	18	2.5
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG21	18	2.5
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG22	18	2.5
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG23	18	2.5
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG11	18	2.5
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG12	18	2.5
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG13	18	2.5
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG21	18	2.5
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG22	18	2.5
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG23	18	2.5
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG11	18	2.5
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG12	18	2.5
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG13	18	2.5
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG21	18	2.5
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG22	18	2.5
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG23	18	2.5
(6,1699)	1:43:A:MET:HE1	1:131:A:LEU:HA	4	2.5
(6,1699)	1:43:A:MET:HE2	1:131:A:LEU:HA	4	2.5
(6,1699)	1:43:A:MET:HE3	1:131:A:LEU:HA	4	2.5
(6,60)	1:34:A:LYS:H	1:81:A:GLU:H	6	2.5
(5,1257)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	18	2.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1257)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	18	2.5
(5,1257)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	18	2.5
(4,1677)	1:43:A:MET:HE1	1:131:A:LEU:HA	4	2.5
(4,1677)	1:43:A:MET:HE2	1:131:A:LEU:HA	4	2.5
(4,1677)	1:43:A:MET:HE3	1:131:A:LEU:HA	4	2.5
(3,1729)	1:43:A:MET:HE1	1:131:A:LEU:HA	4	2.5
(3,1729)	1:43:A:MET:HE2	1:131:A:LEU:HA	4	2.5
(3,1729)	1:43:A:MET:HE3	1:131:A:LEU:HA	4	2.5
(3,1689)	1:69:A:MET:HE1	1:116:A:GLN:HG3	11	2.5
(3,1689)	1:69:A:MET:HE2	1:116:A:GLN:HG3	11	2.5
(3,1689)	1:69:A:MET:HE3	1:116:A:GLN:HG3	11	2.5
(3,1211)	1:34:A:LYS:HG2	1:81:A:GLU:HA	6	2.5
(3,1211)	1:34:A:LYS:HG3	1:81:A:GLU:HA	6	2.5
(3,1050)	1:60:A:LEU:H	1:63:A:ILE:HG13	11	2.5
(3,122)	1:78:A:HIS:HA	1:80:A:TYR:H	2	2.5
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB2	17	2.5
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB3	17	2.5
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB2	17	2.5
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB3	17	2.5
(34,1730)	1:13:A:ALA:HA	1:79:A:THR:HG21	11	2.49
(34,1730)	1:13:A:ALA:HA	1:79:A:THR:HG22	11	2.49
(34,1730)	1:13:A:ALA:HA	1:79:A:THR:HG23	11	2.49
(34,908)	1:10:A:ASN:HD22	1:11:A:ILE:HB	5	2.49
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG21	6	2.49
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG22	6	2.49
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG23	6	2.49
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG21	6	2.49
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG22	6	2.49
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG23	6	2.49
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG21	6	2.49
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG22	6	2.49
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG23	6	2.49
(33,1627)	1:27:A:ARG:HA	1:30:A:LEU:H	5	2.49
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG21	6	2.49
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG22	6	2.49
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG23	6	2.49
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG21	6	2.49
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG22	6	2.49
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG23	6	2.49
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG21	6	2.49
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG22	6	2.49
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG23	6	2.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,824)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	13	2.49
(32,824)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	13	2.49
(32,824)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	13	2.49
(30,1726)	1:13:A:ALA:HA	1:79:A:THR:HG21	11	2.49
(30,1726)	1:13:A:ALA:HA	1:79:A:THR:HG22	11	2.49
(30,1726)	1:13:A:ALA:HA	1:79:A:THR:HG23	11	2.49
(19,5)	1:123:A:CYS:SG	1:127:A:CYS:CB	5	2.49
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	18	2.49
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	18	2.49
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	18	2.49
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	18	2.49
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	18	2.49
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	18	2.49
(18,853)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	13	2.49
(18,853)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	13	2.49
(18,853)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	13	2.49
(17,1725)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	8	2.49
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	18	2.49
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	18	2.49
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	18	2.49
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	18	2.49
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	18	2.49
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	18	2.49
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG21	6	2.49
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG22	6	2.49
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG23	6	2.49
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG21	6	2.49
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG22	6	2.49
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG23	6	2.49
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG21	6	2.49
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG22	6	2.49
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG23	6	2.49
(16,1701)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	8	2.49
(15,1709)	1:13:A:ALA:HA	1:79:A:THR:HG21	11	2.49
(15,1709)	1:13:A:ALA:HA	1:79:A:THR:HG22	11	2.49
(15,1709)	1:13:A:ALA:HA	1:79:A:THR:HG23	11	2.49
(15,762)	1:13:A:ALA:HB1	1:34:A:LYS:H	11	2.49
(15,762)	1:13:A:ALA:HB2	1:34:A:LYS:H	11	2.49
(15,762)	1:13:A:ALA:HB3	1:34:A:LYS:H	11	2.49
(11,1943)	1:11:A:ILE:HD11	1:18:A:PHE:HZ	3	2.49
(11,1943)	1:11:A:ILE:HD12	1:18:A:PHE:HZ	3	2.49
(11,1943)	1:11:A:ILE:HD13	1:18:A:PHE:HZ	3	2.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD21	9	2.49
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD22	9	2.49
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD23	9	2.49
(11,1107)	1:41:A:LYS:HG3	1:42:A:GLU:HA	19	2.49
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	6	2.49
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	6	2.49
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	6	2.49
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	6	2.49
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	6	2.49
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	6	2.49
(9,2428)	1:144:A:LEU:HB2	1:148:A:CYS:H	15	2.49
(9,2428)	1:144:A:LEU:HB3	1:148:A:CYS:H	15	2.49
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD11	15	2.49
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD12	15	2.49
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD13	15	2.49
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD21	15	2.49
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD22	15	2.49
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD23	15	2.49
(7,1333)	1:141:A:LYS:HB2	1:149:A:ALA:HA	10	2.49
(7,1333)	1:141:A:LYS:HB3	1:149:A:ALA:HA	10	2.49
(7,836)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	13	2.49
(7,836)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	13	2.49
(7,836)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	13	2.49
(6,837)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	13	2.49
(6,837)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	13	2.49
(6,837)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	13	2.49
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG21	6	2.49
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG22	6	2.49
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG23	6	2.49
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG21	6	2.49
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG22	6	2.49
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG23	6	2.49
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG21	6	2.49
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG22	6	2.49
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG23	6	2.49
(4,842)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	13	2.49
(4,842)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	13	2.49
(4,842)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	13	2.49
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	6	2.49
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	6	2.49
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	6	2.49
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	6	2.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	6	2.49
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	6	2.49
(2,1095)	1:31:A:PRO:HG2	1:143:A:TRP:HA	10	2.49
(2,1095)	1:31:A:PRO:HG3	1:143:A:TRP:HA	10	2.49
(1,915)	1:67:A:PRO:HD3	1:95:A:ILE:HB	17	2.49
(1,862)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	13	2.49
(1,862)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	13	2.49
(1,862)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	13	2.49
(33,1968)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	18	2.48
(33,1968)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	18	2.48
(33,1968)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	18	2.48
(33,1968)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	18	2.48
(33,1968)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	18	2.48
(33,1968)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	18	2.48
(33,1634)	1:102:A:PRO:HA	1:105:A:LYS:HD2	5	2.48
(33,1634)	1:102:A:PRO:HA	1:105:A:LYS:HD3	5	2.48
(32,701)	1:44:A:GLU:HB2	1:54:A:ARG:HE	17	2.48
(32,701)	1:44:A:GLU:HB3	1:54:A:ARG:HE	17	2.48
(30,716)	1:44:A:GLU:HB2	1:54:A:ARG:HE	17	2.48
(30,716)	1:44:A:GLU:HB3	1:54:A:ARG:HE	17	2.48
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD11	9	2.48
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD12	9	2.48
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD13	9	2.48
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD21	9	2.48
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD22	9	2.48
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD23	9	2.48
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG11	11	2.48
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG12	11	2.48
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG13	11	2.48
(29,726)	1:44:A:GLU:HB2	1:54:A:ARG:HE	17	2.48
(29,726)	1:44:A:GLU:HB3	1:54:A:ARG:HE	17	2.48
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	17	2.48
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	17	2.48
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	17	2.48
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD21	17	2.48
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD22	17	2.48
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD23	17	2.48
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	17	2.48
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	17	2.48
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	17	2.48
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD21	17	2.48
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD22	17	2.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD23	17	2.48
(18,124)	1:78:A:HIS:HA	1:80:A:TYR:H	1	2.48
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	13	2.48
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	13	2.48
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	13	2.48
(16,1963)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	18	2.48
(16,1963)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	18	2.48
(16,1963)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	18	2.48
(16,1963)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	18	2.48
(16,1963)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	18	2.48
(16,1963)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	18	2.48
(16,121)	1:78:A:HIS:HA	1:80:A:TYR:H	11	2.48
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD2	18	2.48
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD3	18	2.48
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	13	2.48
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	13	2.48
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	13	2.48
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG11	12	2.48
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG12	12	2.48
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG13	12	2.48
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG21	12	2.48
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG22	12	2.48
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG23	12	2.48
(6,1982)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	18	2.48
(6,1982)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	18	2.48
(6,1982)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	18	2.48
(6,1982)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	18	2.48
(6,1982)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	18	2.48
(6,1982)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	18	2.48
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD2	18	2.48
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD3	18	2.48
(3,122)	1:78:A:HIS:HA	1:80:A:TYR:H	11	2.48
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	18	2.48
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	18	2.48
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	18	2.48
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	18	2.48
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	18	2.48
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	18	2.48
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	18	2.48
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	18	2.48
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	18	2.48
(34,1903)	1:18:A:PHE:HE1	1:57:A:LEU:HG	14	2.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1903)	1:18:A:PHE:HE2	1:57:A:LEU:HG	14	2.47
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB1	8	2.47
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB2	8	2.47
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB3	8	2.47
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	14	2.47
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	14	2.47
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	14	2.47
(32,701)	1:44:A:GLU:HB2	1:54:A:ARG:HE	9	2.47
(32,701)	1:44:A:GLU:HB3	1:54:A:ARG:HE	9	2.47
(30,716)	1:44:A:GLU:HB2	1:54:A:ARG:HE	9	2.47
(30,716)	1:44:A:GLU:HB3	1:54:A:ARG:HE	9	2.47
(29,726)	1:44:A:GLU:HB2	1:54:A:ARG:HE	9	2.47
(29,726)	1:44:A:GLU:HB3	1:54:A:ARG:HE	9	2.47
(17,2074)	1:31:A:PRO:HD2	1:143:A:TRP:HA	10	2.47
(17,2074)	1:31:A:PRO:HD3	1:143:A:TRP:HA	10	2.47
(16,884)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	18	2.47
(16,884)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	18	2.47
(16,673)	1:110:A:MET:H	1:111:A:GLU:HG2	3	2.47
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE1	19	2.47
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE2	19	2.47
(13,1934)	1:12:A:VAL:HG11	1:32:A:GLY:HA2	17	2.47
(13,1934)	1:12:A:VAL:HG12	1:32:A:GLY:HA2	17	2.47
(13,1934)	1:12:A:VAL:HG13	1:32:A:GLY:HA2	17	2.47
(13,1934)	1:12:A:VAL:HG21	1:32:A:GLY:HA2	17	2.47
(13,1934)	1:12:A:VAL:HG22	1:32:A:GLY:HA2	17	2.47
(13,1934)	1:12:A:VAL:HG23	1:32:A:GLY:HA2	17	2.47
(13,950)	1:11:A:ILE:HG12	1:14:A:VAL:HB	14	2.47
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD21	6	2.47
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD22	6	2.47
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD23	6	2.47
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD21	6	2.47
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD22	6	2.47
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD23	6	2.47
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD21	6	2.47
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD22	6	2.47
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD23	6	2.47
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG12	2	2.47
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG13	2	2.47
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG12	7	2.47
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG13	7	2.47
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	14	2.47
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	14	2.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	14	2.47
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	14	2.47
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE1	19	2.47
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE2	19	2.47
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE3	19	2.47
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE1	19	2.47
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE2	19	2.47
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE3	19	2.47
(7,484)	1:145:A:PRO:HB3	1:148:A:CYS:H	15	2.47
(5,2471)	1:144:A:LEU:HD11	1:147:A:ARG:HB2	8	2.47
(5,2471)	1:144:A:LEU:HD11	1:147:A:ARG:HB3	8	2.47
(5,2471)	1:144:A:LEU:HD12	1:147:A:ARG:HB2	8	2.47
(5,2471)	1:144:A:LEU:HD12	1:147:A:ARG:HB3	8	2.47
(5,2471)	1:144:A:LEU:HD13	1:147:A:ARG:HB2	8	2.47
(5,2471)	1:144:A:LEU:HD13	1:147:A:ARG:HB3	8	2.47
(5,2471)	1:144:A:LEU:HD21	1:147:A:ARG:HB2	8	2.47
(5,2471)	1:144:A:LEU:HD21	1:147:A:ARG:HB3	8	2.47
(5,2471)	1:144:A:LEU:HD22	1:147:A:ARG:HB2	8	2.47
(5,2471)	1:144:A:LEU:HD22	1:147:A:ARG:HB3	8	2.47
(5,2471)	1:144:A:LEU:HD23	1:147:A:ARG:HB2	8	2.47
(5,2471)	1:144:A:LEU:HD23	1:147:A:ARG:HB3	8	2.47
(5,2146)	1:43:A:MET:HE1	1:144:A:LEU:HB2	1	2.47
(5,2146)	1:43:A:MET:HE1	1:144:A:LEU:HB3	1	2.47
(5,2146)	1:43:A:MET:HE2	1:144:A:LEU:HB2	1	2.47
(5,2146)	1:43:A:MET:HE2	1:144:A:LEU:HB3	1	2.47
(5,2146)	1:43:A:MET:HE3	1:144:A:LEU:HB2	1	2.47
(5,2146)	1:43:A:MET:HE3	1:144:A:LEU:HB3	1	2.47
(5,2127)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	15	2.47
(5,2127)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	15	2.47
(5,2127)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	15	2.47
(5,2127)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	15	2.47
(5,2127)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	15	2.47
(5,2127)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	15	2.47
(4,1930)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	6	2.47
(4,1930)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	6	2.47
(4,1930)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	6	2.47
(4,1930)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	6	2.47
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG11	8	2.47
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG12	8	2.47
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG13	8	2.47
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG21	8	2.47
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG22	8	2.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG23	8	2.47
(2,1922)	1:18:A:PHE:HE1	1:57:A:LEU:HG	14	2.47
(2,1922)	1:18:A:PHE:HE2	1:57:A:LEU:HG	14	2.47
(2,1418)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	9	2.47
(2,1418)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	9	2.47
(2,1418)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	9	2.47
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE1	19	2.47
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE2	19	2.47
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE3	19	2.47
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE1	19	2.47
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE2	19	2.47
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE3	19	2.47
(1,1132)	1:31:A:PRO:HD2	1:143:A:TRP:HA	9	2.47
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	17	2.46
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	17	2.46
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	17	2.46
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	17	2.46
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	17	2.46
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	17	2.46
(32,1709)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	4	2.46
(32,1709)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	4	2.46
(32,1709)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	9	2.46
(32,1709)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	9	2.46
(32,1309)	1:105:A:LYS:HD2	1:106:A:ASP:HA	2	2.46
(32,1309)	1:105:A:LYS:HD3	1:106:A:ASP:HA	2	2.46
(30,1334)	1:105:A:LYS:HD2	1:106:A:ASP:HA	2	2.46
(30,1334)	1:105:A:LYS:HD3	1:106:A:ASP:HA	2	2.46
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	17	2.46
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	17	2.46
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	17	2.46
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	17	2.46
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	17	2.46
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	17	2.46
(29,1346)	1:105:A:LYS:HD2	1:106:A:ASP:HA	2	2.46
(29,1346)	1:105:A:LYS:HD3	1:106:A:ASP:HA	2	2.46
(18,1334)	1:105:A:LYS:HD2	1:106:A:ASP:HA	2	2.46
(18,1334)	1:105:A:LYS:HD3	1:106:A:ASP:HA	2	2.46
(18,124)	1:78:A:HIS:HA	1:80:A:TYR:H	15	2.46
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	17	2.46
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	17	2.46
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	17	2.46
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	17	2.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	17	2.46
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	17	2.46
(17,1353)	1:105:A:LYS:HD2	1:106:A:ASP:HA	2	2.46
(17,1353)	1:105:A:LYS:HD3	1:106:A:ASP:HA	2	2.46
(17,1129)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	10	2.46
(17,1129)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	10	2.46
(16,2070)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	18	2.46
(16,2070)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	18	2.46
(16,2070)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	18	2.46
(16,2070)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	18	2.46
(16,1345)	1:105:A:LYS:HD2	1:106:A:ASP:HA	2	2.46
(16,1345)	1:105:A:LYS:HD3	1:106:A:ASP:HA	2	2.46
(16,673)	1:110:A:MET:H	1:111:A:GLU:HG2	12	2.46
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	8	2.46
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	8	2.46
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	8	2.46
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	8	2.46
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	8	2.46
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	8	2.46
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	8	2.46
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	8	2.46
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	8	2.46
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	8	2.46
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	8	2.46
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	8	2.46
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	17	2.46
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	17	2.46
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	17	2.46
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	17	2.46
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	17	2.46
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	17	2.46
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	17	2.46
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	17	2.46
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	17	2.46
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	17	2.46
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	17	2.46
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	17	2.46
(13,1864)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	4	2.46
(13,1864)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	4	2.46
(13,1864)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	18	2.46
(13,1864)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	18	2.46
(13,1848)	1:64:A:LYS:HD2	1:104:A:PHE:HZ	1	2.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1848)	1:64:A:LYS:HD3	1:104:A:PHE:HZ	1	2.46
(13,1313)	1:105:A:LYS:HD2	1:106:A:ASP:HA	2	2.46
(13,1313)	1:105:A:LYS:HD3	1:106:A:ASP:HA	2	2.46
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	14	2.46
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	14	2.46
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	14	2.46
(9,923)	1:108:A:GLU:HG3	1:112:A:GLN:H	1	2.46
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG11	17	2.46
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG12	17	2.46
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG13	17	2.46
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG21	17	2.46
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG22	17	2.46
(7,1986)	1:20:A:THR:HB	1:134:A:VAL:HG23	17	2.46
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD2	6	2.46
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD3	6	2.46
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD2	6	2.46
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD3	6	2.46
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD2	6	2.46
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD3	6	2.46
(7,1321)	1:105:A:LYS:HD2	1:106:A:ASP:HA	2	2.46
(7,1321)	1:105:A:LYS:HD3	1:106:A:ASP:HA	2	2.46
(6,914)	1:108:A:GLU:HG3	1:112:A:GLN:H	1	2.46
(6,743)	1:43:A:MET:HE1	1:134:A:VAL:H	4	2.46
(6,743)	1:43:A:MET:HE2	1:134:A:VAL:H	4	2.46
(6,743)	1:43:A:MET:HE3	1:134:A:VAL:H	4	2.46
(5,1359)	1:105:A:LYS:HD2	1:106:A:ASP:HA	2	2.46
(5,1359)	1:105:A:LYS:HD3	1:106:A:ASP:HA	2	2.46
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	17	2.46
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	17	2.46
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	17	2.46
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	17	2.46
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	17	2.46
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	17	2.46
(3,1366)	1:105:A:LYS:HD2	1:106:A:ASP:HA	2	2.46
(3,1366)	1:105:A:LYS:HD3	1:106:A:ASP:HA	2	2.46
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD21	3	2.46
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD22	3	2.46
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD23	3	2.46
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB1	12	2.46
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB2	12	2.46
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB3	12	2.46
(3,917)	1:21:A:THR:HB	1:24:A:ASP:H	11	2.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1458)	1:30:A:LEU:HB2	1:145:A:PRO:HD2	5	2.46
(2,1458)	1:30:A:LEU:HB3	1:145:A:PRO:HD2	5	2.46
(2,1340)	1:105:A:LYS:HD2	1:106:A:ASP:HA	2	2.46
(2,1340)	1:105:A:LYS:HD3	1:106:A:ASP:HA	2	2.46
(2,1136)	1:10:A:ASN:HD22	1:80:A:TYR:HA	2	2.46
(2,1110)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	10	2.46
(2,1110)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	10	2.46
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	7	2.46
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	7	2.46
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	7	2.46
(1,1341)	1:105:A:LYS:HD2	1:106:A:ASP:HA	2	2.46
(1,1341)	1:105:A:LYS:HD3	1:106:A:ASP:HA	2	2.46
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG21	10	2.45
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG22	10	2.45
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG23	10	2.45
(33,881)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	18	2.45
(33,881)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	18	2.45
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG21	10	2.45
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG22	10	2.45
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG23	10	2.45
(29,1145)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	3	2.45
(29,1145)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	3	2.45
(29,1145)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	3	2.45
(29,1145)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	3	2.45
(29,1145)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	3	2.45
(29,1145)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	3	2.45
(17,2170)	1:43:A:MET:HE1	1:144:A:LEU:HB2	16	2.45
(17,2170)	1:43:A:MET:HE1	1:144:A:LEU:HB3	16	2.45
(17,2170)	1:43:A:MET:HE2	1:144:A:LEU:HB2	16	2.45
(17,2170)	1:43:A:MET:HE2	1:144:A:LEU:HB3	16	2.45
(17,2170)	1:43:A:MET:HE3	1:144:A:LEU:HB2	16	2.45
(17,2170)	1:43:A:MET:HE3	1:144:A:LEU:HB3	16	2.45
(17,1143)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	3	2.45
(17,1143)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	3	2.45
(17,1143)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	3	2.45
(17,1143)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	3	2.45
(17,1143)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	3	2.45
(17,1143)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	3	2.45
(16,1626)	1:27:A:ARG:HA	1:30:A:LEU:H	16	2.45
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	12	2.45
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	12	2.45
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	12	2.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	12	2.45
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	12	2.45
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	12	2.45
(15,1132)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	3	2.45
(15,1132)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	3	2.45
(15,1132)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	3	2.45
(15,1132)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	3	2.45
(15,1132)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	3	2.45
(15,1132)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	3	2.45
(13,1084)	1:18:A:PHE:HA	1:113:A:PHE:HZ	12	2.45
(9,1136)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	3	2.45
(9,1136)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	3	2.45
(9,1136)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	3	2.45
(9,1136)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	3	2.45
(9,1136)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	3	2.45
(9,1136)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	3	2.45
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG12	10	2.45
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG13	10	2.45
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	12	2.45
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	12	2.45
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	12	2.45
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	12	2.45
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	12	2.45
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	12	2.45
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	12	2.45
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	12	2.45
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	12	2.45
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	12	2.45
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	12	2.45
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	12	2.45
(3,2080)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	12	2.45
(3,2080)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	12	2.45
(3,2080)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	12	2.45
(3,2080)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	12	2.45
(3,2080)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	12	2.45
(3,2080)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	12	2.45
(3,1905)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	4	2.45
(3,1905)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	4	2.45
(3,1905)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	4	2.45
(3,1905)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	4	2.45
(3,1643)	1:22:A:ASP:H	1:24:A:ASP:HA	15	2.45
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	19	2.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	19	2.45
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	19	2.45
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	8	2.45
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	8	2.45
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	8	2.45
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	8	2.45
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	8	2.45
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	8	2.45
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	8	2.45
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	8	2.45
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	8	2.45
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	8	2.45
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	8	2.45
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	8	2.45
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	8	2.45
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	8	2.45
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	8	2.45
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	8	2.45
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	8	2.45
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	8	2.45
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG21	17	2.45
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG22	17	2.45
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG23	17	2.45
(1,1118)	1:18:A:PHE:HA	1:113:A:PHE:HZ	12	2.45
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD21	19	2.44
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD22	19	2.44
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD23	19	2.44
(33,1729)	1:19:A:ALA:H	1:132:A:ALA:HA	18	2.44
(33,1388)	1:19:A:ALA:HB1	1:132:A:ALA:HA	5	2.44
(33,1388)	1:19:A:ALA:HB2	1:132:A:ALA:HA	5	2.44
(33,1388)	1:19:A:ALA:HB3	1:132:A:ALA:HA	5	2.44
(32,2136)	1:43:A:MET:HE1	1:131:A:LEU:HD11	18	2.44
(32,2136)	1:43:A:MET:HE1	1:131:A:LEU:HD12	18	2.44
(32,2136)	1:43:A:MET:HE1	1:131:A:LEU:HD13	18	2.44
(32,2136)	1:43:A:MET:HE1	1:131:A:LEU:HD21	18	2.44
(32,2136)	1:43:A:MET:HE1	1:131:A:LEU:HD22	18	2.44
(32,2136)	1:43:A:MET:HE1	1:131:A:LEU:HD23	18	2.44
(32,2136)	1:43:A:MET:HE2	1:131:A:LEU:HD11	18	2.44
(32,2136)	1:43:A:MET:HE2	1:131:A:LEU:HD12	18	2.44
(32,2136)	1:43:A:MET:HE2	1:131:A:LEU:HD13	18	2.44
(32,2136)	1:43:A:MET:HE2	1:131:A:LEU:HD21	18	2.44
(32,2136)	1:43:A:MET:HE2	1:131:A:LEU:HD22	18	2.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2136)	1:43:A:MET:HE2	1:131:A:LEU:HD23	18	2.44
(32,2136)	1:43:A:MET:HE3	1:131:A:LEU:HD11	18	2.44
(32,2136)	1:43:A:MET:HE3	1:131:A:LEU:HD12	18	2.44
(32,2136)	1:43:A:MET:HE3	1:131:A:LEU:HD13	18	2.44
(32,2136)	1:43:A:MET:HE3	1:131:A:LEU:HD21	18	2.44
(32,2136)	1:43:A:MET:HE3	1:131:A:LEU:HD22	18	2.44
(32,2136)	1:43:A:MET:HE3	1:131:A:LEU:HD23	18	2.44
(32,823)	1:43:A:MET:HE1	1:131:A:LEU:HB3	7	2.44
(32,823)	1:43:A:MET:HE2	1:131:A:LEU:HB3	7	2.44
(32,823)	1:43:A:MET:HE3	1:131:A:LEU:HB3	7	2.44
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD11	1	2.44
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD12	1	2.44
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD13	1	2.44
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD21	1	2.44
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD22	1	2.44
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD23	1	2.44
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE1	11	2.44
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE2	11	2.44
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE1	11	2.44
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE2	11	2.44
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE1	11	2.44
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE2	11	2.44
(30,1807)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	3	2.44
(30,1807)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	3	2.44
(29,2157)	1:43:A:MET:HE1	1:131:A:LEU:HD11	18	2.44
(29,2157)	1:43:A:MET:HE1	1:131:A:LEU:HD12	18	2.44
(29,2157)	1:43:A:MET:HE1	1:131:A:LEU:HD13	18	2.44
(29,2157)	1:43:A:MET:HE1	1:131:A:LEU:HD21	18	2.44
(29,2157)	1:43:A:MET:HE1	1:131:A:LEU:HD22	18	2.44
(29,2157)	1:43:A:MET:HE1	1:131:A:LEU:HD23	18	2.44
(29,2157)	1:43:A:MET:HE2	1:131:A:LEU:HD11	18	2.44
(29,2157)	1:43:A:MET:HE2	1:131:A:LEU:HD12	18	2.44
(29,2157)	1:43:A:MET:HE2	1:131:A:LEU:HD13	18	2.44
(29,2157)	1:43:A:MET:HE2	1:131:A:LEU:HD21	18	2.44
(29,2157)	1:43:A:MET:HE2	1:131:A:LEU:HD22	18	2.44
(29,2157)	1:43:A:MET:HE2	1:131:A:LEU:HD23	18	2.44
(29,2157)	1:43:A:MET:HE3	1:131:A:LEU:HD11	18	2.44
(29,2157)	1:43:A:MET:HE3	1:131:A:LEU:HD12	18	2.44
(29,2157)	1:43:A:MET:HE3	1:131:A:LEU:HD13	18	2.44
(29,2157)	1:43:A:MET:HE3	1:131:A:LEU:HD21	18	2.44
(29,2157)	1:43:A:MET:HE3	1:131:A:LEU:HD22	18	2.44
(29,2157)	1:43:A:MET:HE3	1:131:A:LEU:HD23	18	2.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HB	12	2.44
(29,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HB	12	2.44
(29,660)	1:96:A:VAL:HA	1:116:A:GLN:HE22	17	2.44
(18,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD11	18	2.44
(18,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD12	18	2.44
(18,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD13	18	2.44
(18,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD21	18	2.44
(18,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD22	18	2.44
(18,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD23	18	2.44
(18,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD11	18	2.44
(18,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD12	18	2.44
(18,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD13	18	2.44
(18,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD21	18	2.44
(18,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD22	18	2.44
(18,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD23	18	2.44
(18,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD11	18	2.44
(18,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD12	18	2.44
(18,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD13	18	2.44
(18,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD21	18	2.44
(18,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD22	18	2.44
(18,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD23	18	2.44
(18,931)	1:108:A:GLU:HG3	1:112:A:GLN:H	5	2.44
(18,667)	1:96:A:VAL:HA	1:116:A:GLN:HE22	17	2.44
(16,2152)	1:43:A:MET:HE1	1:131:A:LEU:HD11	18	2.44
(16,2152)	1:43:A:MET:HE1	1:131:A:LEU:HD12	18	2.44
(16,2152)	1:43:A:MET:HE1	1:131:A:LEU:HD13	18	2.44
(16,2152)	1:43:A:MET:HE1	1:131:A:LEU:HD21	18	2.44
(16,2152)	1:43:A:MET:HE1	1:131:A:LEU:HD22	18	2.44
(16,2152)	1:43:A:MET:HE1	1:131:A:LEU:HD23	18	2.44
(16,2152)	1:43:A:MET:HE2	1:131:A:LEU:HD11	18	2.44
(16,2152)	1:43:A:MET:HE2	1:131:A:LEU:HD12	18	2.44
(16,2152)	1:43:A:MET:HE2	1:131:A:LEU:HD13	18	2.44
(16,2152)	1:43:A:MET:HE2	1:131:A:LEU:HD21	18	2.44
(16,2152)	1:43:A:MET:HE2	1:131:A:LEU:HD22	18	2.44
(16,2152)	1:43:A:MET:HE2	1:131:A:LEU:HD23	18	2.44
(16,2152)	1:43:A:MET:HE3	1:131:A:LEU:HD11	18	2.44
(16,2152)	1:43:A:MET:HE3	1:131:A:LEU:HD12	18	2.44
(16,2152)	1:43:A:MET:HE3	1:131:A:LEU:HD13	18	2.44
(16,2152)	1:43:A:MET:HE3	1:131:A:LEU:HD21	18	2.44
(16,2152)	1:43:A:MET:HE3	1:131:A:LEU:HD22	18	2.44
(16,2152)	1:43:A:MET:HE3	1:131:A:LEU:HD23	18	2.44
(16,1874)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	8	2.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1874)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	8	2.44
(16,1626)	1:27:A:ARG:HA	1:30:A:LEU:H	6	2.44
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD21	13	2.44
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD22	13	2.44
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD23	13	2.44
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	11	2.44
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	11	2.44
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	11	2.44
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	11	2.44
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE1	10	2.44
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE2	10	2.44
(13,873)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	15	2.44
(13,873)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	15	2.44
(13,873)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	15	2.44
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG2	17	2.44
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG3	17	2.44
(11,1682)	1:134:A:VAL:HG11	1:137:A:SER:H	17	2.44
(11,1682)	1:134:A:VAL:HG12	1:137:A:SER:H	17	2.44
(11,1682)	1:134:A:VAL:HG13	1:137:A:SER:H	17	2.44
(9,2126)	1:43:A:MET:HE1	1:131:A:LEU:HD11	18	2.44
(9,2126)	1:43:A:MET:HE1	1:131:A:LEU:HD12	18	2.44
(9,2126)	1:43:A:MET:HE1	1:131:A:LEU:HD13	18	2.44
(9,2126)	1:43:A:MET:HE1	1:131:A:LEU:HD21	18	2.44
(9,2126)	1:43:A:MET:HE1	1:131:A:LEU:HD22	18	2.44
(9,2126)	1:43:A:MET:HE1	1:131:A:LEU:HD23	18	2.44
(9,2126)	1:43:A:MET:HE2	1:131:A:LEU:HD11	18	2.44
(9,2126)	1:43:A:MET:HE2	1:131:A:LEU:HD12	18	2.44
(9,2126)	1:43:A:MET:HE2	1:131:A:LEU:HD13	18	2.44
(9,2126)	1:43:A:MET:HE2	1:131:A:LEU:HD21	18	2.44
(9,2126)	1:43:A:MET:HE2	1:131:A:LEU:HD22	18	2.44
(9,2126)	1:43:A:MET:HE2	1:131:A:LEU:HD23	18	2.44
(9,2126)	1:43:A:MET:HE3	1:131:A:LEU:HD11	18	2.44
(9,2126)	1:43:A:MET:HE3	1:131:A:LEU:HD12	18	2.44
(9,2126)	1:43:A:MET:HE3	1:131:A:LEU:HD13	18	2.44
(9,2126)	1:43:A:MET:HE3	1:131:A:LEU:HD21	18	2.44
(9,2126)	1:43:A:MET:HE3	1:131:A:LEU:HD22	18	2.44
(9,2126)	1:43:A:MET:HE3	1:131:A:LEU:HD23	18	2.44
(7,2122)	1:43:A:MET:HE1	1:131:A:LEU:HD11	18	2.44
(7,2122)	1:43:A:MET:HE1	1:131:A:LEU:HD12	18	2.44
(7,2122)	1:43:A:MET:HE1	1:131:A:LEU:HD13	18	2.44
(7,2122)	1:43:A:MET:HE1	1:131:A:LEU:HD21	18	2.44
(7,2122)	1:43:A:MET:HE1	1:131:A:LEU:HD22	18	2.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2122)	1:43:A:MET:HE1	1:131:A:LEU:HD23	18	2.44
(7,2122)	1:43:A:MET:HE2	1:131:A:LEU:HD11	18	2.44
(7,2122)	1:43:A:MET:HE2	1:131:A:LEU:HD12	18	2.44
(7,2122)	1:43:A:MET:HE2	1:131:A:LEU:HD13	18	2.44
(7,2122)	1:43:A:MET:HE2	1:131:A:LEU:HD21	18	2.44
(7,2122)	1:43:A:MET:HE2	1:131:A:LEU:HD22	18	2.44
(7,2122)	1:43:A:MET:HE2	1:131:A:LEU:HD23	18	2.44
(7,2122)	1:43:A:MET:HE3	1:131:A:LEU:HD11	18	2.44
(7,2122)	1:43:A:MET:HE3	1:131:A:LEU:HD12	18	2.44
(7,2122)	1:43:A:MET:HE3	1:131:A:LEU:HD13	18	2.44
(7,2122)	1:43:A:MET:HE3	1:131:A:LEU:HD21	18	2.44
(7,2122)	1:43:A:MET:HE3	1:131:A:LEU:HD22	18	2.44
(7,2122)	1:43:A:MET:HE3	1:131:A:LEU:HD23	18	2.44
(7,233)	1:44:A:GLU:HG3	1:48:A:ARG:H	10	2.44
(6,2150)	1:43:A:MET:HE1	1:131:A:LEU:HD11	18	2.44
(6,2150)	1:43:A:MET:HE1	1:131:A:LEU:HD12	18	2.44
(6,2150)	1:43:A:MET:HE1	1:131:A:LEU:HD13	18	2.44
(6,2150)	1:43:A:MET:HE1	1:131:A:LEU:HD21	18	2.44
(6,2150)	1:43:A:MET:HE1	1:131:A:LEU:HD22	18	2.44
(6,2150)	1:43:A:MET:HE1	1:131:A:LEU:HD23	18	2.44
(6,2150)	1:43:A:MET:HE2	1:131:A:LEU:HD11	18	2.44
(6,2150)	1:43:A:MET:HE2	1:131:A:LEU:HD12	18	2.44
(6,2150)	1:43:A:MET:HE2	1:131:A:LEU:HD13	18	2.44
(6,2150)	1:43:A:MET:HE2	1:131:A:LEU:HD21	18	2.44
(6,2150)	1:43:A:MET:HE2	1:131:A:LEU:HD22	18	2.44
(6,2150)	1:43:A:MET:HE2	1:131:A:LEU:HD23	18	2.44
(6,2150)	1:43:A:MET:HE3	1:131:A:LEU:HD11	18	2.44
(6,2150)	1:43:A:MET:HE3	1:131:A:LEU:HD12	18	2.44
(6,2150)	1:43:A:MET:HE3	1:131:A:LEU:HD13	18	2.44
(6,2150)	1:43:A:MET:HE3	1:131:A:LEU:HD21	18	2.44
(6,2150)	1:43:A:MET:HE3	1:131:A:LEU:HD22	18	2.44
(6,2150)	1:43:A:MET:HE3	1:131:A:LEU:HD23	18	2.44
(6,1811)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	3	2.44
(6,1811)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	3	2.44
(6,979)	1:31:A:PRO:HB2	1:144:A:LEU:HB3	7	2.44
(6,979)	1:31:A:PRO:HB3	1:144:A:LEU:HB3	7	2.44
(6,836)	1:43:A:MET:HE1	1:131:A:LEU:HB3	7	2.44
(6,836)	1:43:A:MET:HE2	1:131:A:LEU:HB3	7	2.44
(6,836)	1:43:A:MET:HE3	1:131:A:LEU:HB3	7	2.44
(6,230)	1:44:A:GLU:HG3	1:48:A:ARG:H	10	2.44
(5,1893)	1:9:A:PHE:HE1	1:14:A:VAL:HB	14	2.44
(5,1893)	1:9:A:PHE:HE2	1:14:A:VAL:HB	14	2.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1833)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	3	2.44
(5,1833)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	3	2.44
(4,1786)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	3	2.44
(4,1786)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	3	2.44
(4,841)	1:43:A:MET:HE1	1:131:A:LEU:HB3	7	2.44
(4,841)	1:43:A:MET:HE2	1:131:A:LEU:HB3	7	2.44
(4,841)	1:43:A:MET:HE3	1:131:A:LEU:HB3	7	2.44
(4,225)	1:44:A:GLU:HG3	1:48:A:ARG:H	10	2.44
(3,2086)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	18	2.44
(3,2086)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	18	2.44
(3,2086)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	18	2.44
(3,2086)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	18	2.44
(3,1996)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	4	2.44
(3,1996)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	4	2.44
(3,1996)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	4	2.44
(3,1996)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	4	2.44
(3,1996)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	4	2.44
(3,1996)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	4	2.44
(3,1996)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	4	2.44
(3,1996)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	4	2.44
(3,1996)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	4	2.44
(3,1996)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	4	2.44
(3,1996)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	4	2.44
(3,1996)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	4	2.44
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD2	11	2.44
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD3	11	2.44
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD2	11	2.44
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD3	11	2.44
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD2	11	2.44
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD3	11	2.44
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG11	17	2.44
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG12	17	2.44
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG13	17	2.44
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG21	17	2.44
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG22	17	2.44
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG23	17	2.44
(2,1643)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	15	2.44
(2,1418)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	10	2.44
(2,1418)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	10	2.44
(2,1418)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	10	2.44
(2,479)	1:145:A:PRO:HB2	1:148:A:CYS:H	15	2.44
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG21	8	2.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG22	8	2.44
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG23	8	2.44
(1,1385)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	7	2.44
(1,1385)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	7	2.44
(1,1385)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	7	2.44
(1,662)	1:96:A:VAL:HA	1:116:A:GLN:HE22	17	2.44
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG11	12	2.43
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG12	12	2.43
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG13	12	2.43
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG21	12	2.43
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG22	12	2.43
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG23	12	2.43
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	19	2.43
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	19	2.43
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	19	2.43
(33,1388)	1:19:A:ALA:HB1	1:132:A:ALA:HA	18	2.43
(33,1388)	1:19:A:ALA:HB2	1:132:A:ALA:HA	18	2.43
(33,1388)	1:19:A:ALA:HB3	1:132:A:ALA:HA	18	2.43
(33,573)	1:16:A:SER:H	1:131:A:LEU:HB3	18	2.43
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD11	16	2.43
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD12	16	2.43
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD13	16	2.43
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD21	16	2.43
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD22	16	2.43
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD23	16	2.43
(32,1706)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	4	2.43
(32,1706)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	4	2.43
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD21	3	2.43
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD22	3	2.43
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD23	3	2.43
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD21	6	2.43
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD22	6	2.43
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD23	6	2.43
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD21	6	2.43
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD22	6	2.43
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD23	6	2.43
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD21	6	2.43
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD22	6	2.43
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD23	6	2.43
(30,1087)	1:136:A:CYS:HB3	1:141:A:LYS:HA	12	2.43
(29,1024)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	10	2.43
(29,1024)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	10	2.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1024)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	10	2.43
(18,1947)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	1	2.43
(18,1947)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	1	2.43
(18,1947)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	1	2.43
(18,1947)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	1	2.43
(18,1376)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	7	2.43
(18,1376)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	7	2.43
(18,1376)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	7	2.43
(17,2028)	1:17:A:ASN:HB2	1:76:A:ARG:HD2	17	2.43
(17,2028)	1:17:A:ASN:HB2	1:76:A:ARG:HD3	17	2.43
(17,2028)	1:17:A:ASN:HB3	1:76:A:ARG:HD2	17	2.43
(17,2028)	1:17:A:ASN:HB3	1:76:A:ARG:HD3	17	2.43
(17,436)	1:68:A:LYS:H	1:70:A:LYS:HG2	8	2.43
(16,673)	1:110:A:MET:H	1:111:A:GLU:HG2	8	2.43
(16,445)	1:68:A:LYS:H	1:70:A:LYS:HG2	8	2.43
(15,2498)	1:145:A:PRO:HD2	1:147:A:ARG:H	13	2.43
(15,2498)	1:145:A:PRO:HD3	1:147:A:ARG:H	13	2.43
(15,762)	1:13:A:ALA:HB1	1:34:A:LYS:H	9	2.43
(15,762)	1:13:A:ALA:HB2	1:34:A:LYS:H	9	2.43
(15,762)	1:13:A:ALA:HB3	1:34:A:LYS:H	9	2.43
(13,1934)	1:12:A:VAL:HG11	1:32:A:GLY:HA2	4	2.43
(13,1934)	1:12:A:VAL:HG12	1:32:A:GLY:HA2	4	2.43
(13,1934)	1:12:A:VAL:HG13	1:32:A:GLY:HA2	4	2.43
(13,1934)	1:12:A:VAL:HG21	1:32:A:GLY:HA2	4	2.43
(13,1934)	1:12:A:VAL:HG22	1:32:A:GLY:HA2	4	2.43
(13,1934)	1:12:A:VAL:HG23	1:32:A:GLY:HA2	4	2.43
(13,85)	1:30:A:LEU:H	1:144:A:LEU:HA	15	2.43
(11,1967)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	1	2.43
(11,1967)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	1	2.43
(11,1967)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	1	2.43
(11,1967)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	1	2.43
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD21	3	2.43
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD22	3	2.43
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD23	3	2.43
(9,1942)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	1	2.43
(9,1942)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	1	2.43
(9,1942)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	1	2.43
(9,1942)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	1	2.43
(9,1800)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	3	2.43
(9,1800)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	3	2.43
(9,923)	1:108:A:GLU:HG3	1:112:A:GLN:H	6	2.43
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD11	19	2.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD12	19	2.43
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD13	19	2.43
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD21	19	2.43
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD22	19	2.43
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD23	19	2.43
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE1	13	2.43
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE2	13	2.43
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE3	13	2.43
(6,914)	1:108:A:GLU:HG3	1:112:A:GLN:H	6	2.43
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD11	13	2.43
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD12	13	2.43
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD13	13	2.43
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD21	13	2.43
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD22	13	2.43
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD23	13	2.43
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD11	13	2.43
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD12	13	2.43
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD13	13	2.43
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD21	13	2.43
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD22	13	2.43
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD23	13	2.43
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD11	13	2.43
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD12	13	2.43
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD13	13	2.43
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD21	13	2.43
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD22	13	2.43
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD23	13	2.43
(5,1727)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	18	2.43
(5,1727)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	18	2.43
(5,1727)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	18	2.43
(3,1975)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	1	2.43
(3,1975)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	1	2.43
(3,1975)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	1	2.43
(3,1975)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	1	2.43
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD21	5	2.43
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD22	5	2.43
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD23	5	2.43
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG11	10	2.43
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG12	10	2.43
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG13	10	2.43
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG21	10	2.43
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG22	10	2.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG23	10	2.43
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG21	10	2.43
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG22	10	2.43
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG23	10	2.43
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD21	3	2.43
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD22	3	2.43
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD23	3	2.43
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG21	17	2.43
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG22	17	2.43
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG23	17	2.43
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG11	3	2.42
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG12	3	2.42
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG13	3	2.42
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG21	3	2.42
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG22	3	2.42
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG23	3	2.42
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG11	4	2.42
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG12	4	2.42
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG13	4	2.42
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG21	4	2.42
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG22	4	2.42
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG23	4	2.42
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG11	15	2.42
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG12	15	2.42
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG13	15	2.42
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG21	15	2.42
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG22	15	2.42
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG23	15	2.42
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	5	2.42
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	5	2.42
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	5	2.42
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	5	2.42
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	5	2.42
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	5	2.42
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE1	18	2.42
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE2	18	2.42
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE3	18	2.42
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	5	2.42
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	5	2.42
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	5	2.42
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	9	2.42
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	9	2.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	9	2.42
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD21	8	2.42
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD22	8	2.42
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD23	8	2.42
(33,2500)	1:144:A:LEU:HD11	1:148:A:CYS:H	12	2.42
(33,2500)	1:144:A:LEU:HD12	1:148:A:CYS:H	12	2.42
(33,2500)	1:144:A:LEU:HD13	1:148:A:CYS:H	12	2.42
(33,2500)	1:144:A:LEU:HD21	1:148:A:CYS:H	12	2.42
(33,2500)	1:144:A:LEU:HD22	1:148:A:CYS:H	12	2.42
(33,2500)	1:144:A:LEU:HD23	1:148:A:CYS:H	12	2.42
(32,1188)	1:33:A:LYS:HB2	1:81:A:GLU:HA	13	2.42
(32,1188)	1:33:A:LYS:HB3	1:81:A:GLU:HA	13	2.42
(30,1953)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	13	2.42
(30,1953)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	13	2.42
(30,1953)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	13	2.42
(30,1953)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	13	2.42
(30,1217)	1:33:A:LYS:HB2	1:81:A:GLU:HA	13	2.42
(30,1217)	1:33:A:LYS:HB3	1:81:A:GLU:HA	13	2.42
(29,2445)	1:144:A:LEU:HD11	1:148:A:CYS:H	12	2.42
(29,2445)	1:144:A:LEU:HD12	1:148:A:CYS:H	12	2.42
(29,2445)	1:144:A:LEU:HD13	1:148:A:CYS:H	12	2.42
(29,2445)	1:144:A:LEU:HD21	1:148:A:CYS:H	12	2.42
(29,2445)	1:144:A:LEU:HD22	1:148:A:CYS:H	12	2.42
(29,2445)	1:144:A:LEU:HD23	1:148:A:CYS:H	12	2.42
(16,1626)	1:27:A:ARG:HA	1:30:A:LEU:H	18	2.42
(15,1931)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	13	2.42
(15,1931)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	13	2.42
(15,1931)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	13	2.42
(15,1931)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	13	2.42
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG21	15	2.42
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG22	15	2.42
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG23	15	2.42
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG2	5	2.42
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG3	5	2.42
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG2	5	2.42
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG3	5	2.42
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG2	5	2.42
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG3	5	2.42
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	5	2.42
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	5	2.42
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	5	2.42
(9,2433)	1:144:A:LEU:HD11	1:148:A:CYS:H	12	2.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2433)	1:144:A:LEU:HD12	1:148:A:CYS:H	12	2.42
(9,2433)	1:144:A:LEU:HD13	1:148:A:CYS:H	12	2.42
(9,2433)	1:144:A:LEU:HD21	1:148:A:CYS:H	12	2.42
(9,2433)	1:144:A:LEU:HD22	1:148:A:CYS:H	12	2.42
(9,2433)	1:144:A:LEU:HD23	1:148:A:CYS:H	12	2.42
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB2	12	2.42
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB3	12	2.42
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE1	14	2.42
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE2	14	2.42
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE3	14	2.42
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE1	14	2.42
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE2	14	2.42
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE3	14	2.42
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	2	2.42
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	2	2.42
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	2	2.42
(5,2474)	1:144:A:LEU:HD11	1:148:A:CYS:H	12	2.42
(5,2474)	1:144:A:LEU:HD12	1:148:A:CYS:H	12	2.42
(5,2474)	1:144:A:LEU:HD13	1:148:A:CYS:H	12	2.42
(5,2474)	1:144:A:LEU:HD21	1:148:A:CYS:H	12	2.42
(5,2474)	1:144:A:LEU:HD22	1:148:A:CYS:H	12	2.42
(5,2474)	1:144:A:LEU:HD23	1:148:A:CYS:H	12	2.42
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG11	13	2.42
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG12	13	2.42
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG13	13	2.42
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG21	13	2.42
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG22	13	2.42
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG23	13	2.42
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG11	13	2.42
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG12	13	2.42
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG13	13	2.42
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG21	13	2.42
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG22	13	2.42
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG23	13	2.42
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG11	13	2.42
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG12	13	2.42
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG13	13	2.42
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG21	13	2.42
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG22	13	2.42
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG23	13	2.42
(3,1933)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	14	2.42
(3,1933)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	14	2.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1933)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	14	2.42
(3,1933)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	14	2.42
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	13	2.42
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	13	2.42
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	13	2.42
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	13	2.42
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	13	2.42
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	13	2.42
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	19	2.42
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	19	2.42
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	19	2.42
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	19	2.42
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	19	2.42
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	19	2.42
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	19	2.42
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	19	2.42
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	19	2.42
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	19	2.42
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	19	2.42
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	19	2.42
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	19	2.42
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	19	2.42
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	19	2.42
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	19	2.42
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	19	2.42
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	19	2.42
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD11	2	2.42
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD12	2	2.42
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD13	2	2.42
(2,1418)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	2	2.42
(2,1418)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	2	2.42
(2,1418)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	2	2.42
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE1	14	2.42
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE2	14	2.42
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE3	14	2.42
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE1	14	2.42
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE2	14	2.42
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE3	14	2.42
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	2	2.42
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	2	2.42
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	2	2.42
(1,1158)	1:39:A:VAL:HB	1:139:A:LEU:HA	16	2.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,648)	1:66:A:THR:H	1:96:A:VAL:H	7	2.42
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD21	14	2.41
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD22	14	2.41
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD23	14	2.41
(33,2497)	1:144:A:LEU:HD11	1:147:A:ARG:HB2	8	2.41
(33,2497)	1:144:A:LEU:HD11	1:147:A:ARG:HB3	8	2.41
(33,2497)	1:144:A:LEU:HD12	1:147:A:ARG:HB2	8	2.41
(33,2497)	1:144:A:LEU:HD12	1:147:A:ARG:HB3	8	2.41
(33,2497)	1:144:A:LEU:HD13	1:147:A:ARG:HB2	8	2.41
(33,2497)	1:144:A:LEU:HD13	1:147:A:ARG:HB3	8	2.41
(33,2497)	1:144:A:LEU:HD21	1:147:A:ARG:HB2	8	2.41
(33,2497)	1:144:A:LEU:HD21	1:147:A:ARG:HB3	8	2.41
(33,2497)	1:144:A:LEU:HD22	1:147:A:ARG:HB2	8	2.41
(33,2497)	1:144:A:LEU:HD22	1:147:A:ARG:HB3	8	2.41
(33,2497)	1:144:A:LEU:HD23	1:147:A:ARG:HB2	8	2.41
(33,2497)	1:144:A:LEU:HD23	1:147:A:ARG:HB3	8	2.41
(33,1634)	1:102:A:PRO:HA	1:105:A:LYS:HD2	4	2.41
(33,1634)	1:102:A:PRO:HA	1:105:A:LYS:HD3	4	2.41
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD21	10	2.41
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD22	10	2.41
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD23	10	2.41
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD21	10	2.41
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD22	10	2.41
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD23	10	2.41
(19,4)	1:123:A:CYS:SG	1:120:A:CYS:CB	3	2.41
(19,4)	1:123:A:CYS:SG	1:120:A:CYS:CB	5	2.41
(17,1097)	1:141:A:LYS:HA	1:149:A:ALA:HB1	17	2.41
(17,1097)	1:141:A:LYS:HA	1:149:A:ALA:HB2	17	2.41
(17,1097)	1:141:A:LYS:HA	1:149:A:ALA:HB3	17	2.41
(16,1937)	1:10:A:ASN:HD21	1:15:A:ALA:H	19	2.41
(16,1937)	1:10:A:ASN:HD22	1:15:A:ALA:H	19	2.41
(16,1626)	1:27:A:ARG:HA	1:30:A:LEU:H	7	2.41
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD21	10	2.41
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD22	10	2.41
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD23	10	2.41
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG11	12	2.41
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG12	12	2.41
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG13	12	2.41
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG21	12	2.41
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG22	12	2.41
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG23	12	2.41
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG21	12	2.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG22	12	2.41
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG23	12	2.41
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD21	14	2.41
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD22	14	2.41
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD23	14	2.41
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	17	2.41
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	17	2.41
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	17	2.41
(13,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB1	17	2.41
(13,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB2	17	2.41
(13,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB3	17	2.41
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	18	2.41
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	18	2.41
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	18	2.41
(7,1209)	1:79:A:THR:HG21	1:81:A:GLU:HA	6	2.41
(7,1209)	1:79:A:THR:HG22	1:81:A:GLU:HA	6	2.41
(7,1209)	1:79:A:THR:HG23	1:81:A:GLU:HA	6	2.41
(7,995)	1:79:A:THR:HG21	1:81:A:GLU:HB2	18	2.41
(7,995)	1:79:A:THR:HG22	1:81:A:GLU:HB2	18	2.41
(7,995)	1:79:A:THR:HG23	1:81:A:GLU:HB2	18	2.41
(4,1069)	1:141:A:LYS:HA	1:149:A:ALA:HB1	17	2.41
(4,1069)	1:141:A:LYS:HA	1:149:A:ALA:HB2	17	2.41
(4,1069)	1:141:A:LYS:HA	1:149:A:ALA:HB3	17	2.41
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB1	4	2.41
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB2	4	2.41
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB3	4	2.41
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD21	15	2.41
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD22	15	2.41
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD23	15	2.41
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD21	15	2.41
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD22	15	2.41
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD23	15	2.41
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD21	15	2.41
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD22	15	2.41
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD23	15	2.41
(3,1143)	1:31:A:PRO:HD2	1:143:A:TRP:HA	9	2.41
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG11	16	2.41
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG12	16	2.41
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG13	16	2.41
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG21	16	2.41
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG22	16	2.41
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG23	16	2.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD11	13	2.41
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD12	13	2.41
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD13	13	2.41
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD11	13	2.41
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD12	13	2.41
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD13	13	2.41
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD11	13	2.41
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD12	13	2.41
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD13	13	2.41
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD21	2	2.41
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD22	2	2.41
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD23	2	2.41
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD21	2	2.41
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD22	2	2.41
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD23	2	2.41
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD21	2	2.41
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD22	2	2.41
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD23	2	2.41
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG21	14	2.41
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG22	14	2.41
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG23	14	2.41
(1,1100)	1:141:A:LYS:HA	1:149:A:ALA:HB1	17	2.41
(1,1100)	1:141:A:LYS:HA	1:149:A:ALA:HB2	17	2.41
(1,1100)	1:141:A:LYS:HA	1:149:A:ALA:HB3	17	2.41
(32,2488)	1:144:A:LEU:HD11	1:146:A:GLN:HE21	13	2.4
(32,2488)	1:144:A:LEU:HD11	1:146:A:GLN:HE22	13	2.4
(32,2488)	1:144:A:LEU:HD12	1:146:A:GLN:HE21	13	2.4
(32,2488)	1:144:A:LEU:HD12	1:146:A:GLN:HE22	13	2.4
(32,2488)	1:144:A:LEU:HD13	1:146:A:GLN:HE21	13	2.4
(32,2488)	1:144:A:LEU:HD13	1:146:A:GLN:HE22	13	2.4
(32,2488)	1:144:A:LEU:HD21	1:146:A:GLN:HE21	13	2.4
(32,2488)	1:144:A:LEU:HD21	1:146:A:GLN:HE22	13	2.4
(32,2488)	1:144:A:LEU:HD22	1:146:A:GLN:HE21	13	2.4
(32,2488)	1:144:A:LEU:HD22	1:146:A:GLN:HE22	13	2.4
(32,2488)	1:144:A:LEU:HD23	1:146:A:GLN:HE21	13	2.4
(32,2488)	1:144:A:LEU:HD23	1:146:A:GLN:HE22	13	2.4
(32,1724)	1:141:A:LYS:HA	1:149:A:ALA:H	12	2.4
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG11	11	2.4
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG12	11	2.4
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG13	11	2.4
(29,1392)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	11	2.4
(29,1392)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	11	2.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1392)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	11	2.4
(29,660)	1:96:A:VAL:HA	1:116:A:GLN:HE22	1	2.4
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG11	13	2.4
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG12	13	2.4
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG13	13	2.4
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG21	13	2.4
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG22	13	2.4
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG23	13	2.4
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG11	13	2.4
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG12	13	2.4
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG13	13	2.4
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG21	13	2.4
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG22	13	2.4
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG23	13	2.4
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG11	13	2.4
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG12	13	2.4
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG13	13	2.4
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG21	13	2.4
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG22	13	2.4
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG23	13	2.4
(18,1939)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	6	2.4
(18,1939)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	6	2.4
(18,1939)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	6	2.4
(18,1939)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	6	2.4
(18,1744)	1:141:A:LYS:HA	1:149:A:ALA:H	12	2.4
(18,667)	1:96:A:VAL:HA	1:116:A:GLN:HE22	1	2.4
(18,124)	1:78:A:HIS:HA	1:80:A:TYR:H	2	2.4
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	12	2.4
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	12	2.4
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	12	2.4
(17,853)	1:43:A:MET:HE1	1:144:A:LEU:HB3	14	2.4
(17,853)	1:43:A:MET:HE2	1:144:A:LEU:HB3	14	2.4
(17,853)	1:43:A:MET:HE3	1:144:A:LEU:HB3	14	2.4
(17,853)	1:43:A:MET:HE1	1:144:A:LEU:HB2	14	2.4
(17,853)	1:43:A:MET:HE2	1:144:A:LEU:HB2	14	2.4
(17,853)	1:43:A:MET:HE3	1:144:A:LEU:HB2	14	2.4
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	6	2.4
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	6	2.4
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	6	2.4
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	6	2.4
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	6	2.4
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	6	2.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	6	2.4
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	6	2.4
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	6	2.4
(15,2490)	1:144:A:LEU:HB2	1:148:A:CYS:H	11	2.4
(15,2490)	1:144:A:LEU:HB3	1:148:A:CYS:H	11	2.4
(15,1750)	1:141:A:LYS:HA	1:149:A:ALA:H	12	2.4
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	12	2.4
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	12	2.4
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	12	2.4
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG11	8	2.4
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG12	8	2.4
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG13	8	2.4
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG21	8	2.4
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG22	8	2.4
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG23	8	2.4
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG11	15	2.4
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG12	15	2.4
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG13	15	2.4
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG21	15	2.4
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG22	15	2.4
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG23	15	2.4
(13,1934)	1:12:A:VAL:HG11	1:32:A:GLY:HA2	3	2.4
(13,1934)	1:12:A:VAL:HG12	1:32:A:GLY:HA2	3	2.4
(13,1934)	1:12:A:VAL:HG13	1:32:A:GLY:HA2	3	2.4
(13,1934)	1:12:A:VAL:HG21	1:32:A:GLY:HA2	3	2.4
(13,1934)	1:12:A:VAL:HG22	1:32:A:GLY:HA2	3	2.4
(13,1934)	1:12:A:VAL:HG23	1:32:A:GLY:HA2	3	2.4
(13,1728)	1:141:A:LYS:HA	1:149:A:ALA:H	12	2.4
(9,1749)	1:39:A:VAL:HB	1:139:A:LEU:HA	9	2.4
(9,1505)	1:43:A:MET:HE1	1:46:A:ASN:HB2	18	2.4
(9,1505)	1:43:A:MET:HE2	1:46:A:ASN:HB2	18	2.4
(9,1505)	1:43:A:MET:HE3	1:46:A:ASN:HB2	18	2.4
(9,965)	1:141:A:LYS:HB2	1:149:A:ALA:HA	15	2.4
(9,965)	1:141:A:LYS:HB3	1:149:A:ALA:HA	15	2.4
(9,923)	1:108:A:GLU:HG3	1:112:A:GLN:H	3	2.4
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	2	2.4
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	2	2.4
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	2	2.4
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	2	2.4
(6,914)	1:108:A:GLU:HG3	1:112:A:GLN:H	3	2.4
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	6	2.4
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	6	2.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	6	2.4
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	6	2.4
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	6	2.4
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	6	2.4
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	6	2.4
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	6	2.4
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	6	2.4
(5,916)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	8	2.4
(5,748)	1:43:A:MET:HE1	1:147:A:ARG:HE	16	2.4
(5,748)	1:43:A:MET:HE2	1:147:A:ARG:HE	16	2.4
(5,748)	1:43:A:MET:HE3	1:147:A:ARG:HE	16	2.4
(4,1743)	1:141:A:LYS:HA	1:149:A:ALA:H	12	2.4
(3,1228)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	16	2.4
(3,1228)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	16	2.4
(3,1228)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	16	2.4
(3,1228)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	16	2.4
(3,1228)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	16	2.4
(3,1228)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	16	2.4
(2,1781)	1:141:A:LYS:HA	1:149:A:ALA:H	12	2.4
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	17	2.4
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	17	2.4
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	17	2.4
(1,1076)	1:66:A:THR:HG21	1:95:A:ILE:HA	11	2.4
(1,1076)	1:66:A:THR:HG22	1:95:A:ILE:HA	11	2.4
(1,1076)	1:66:A:THR:HG23	1:95:A:ILE:HA	11	2.4
(1,832)	1:98:A:ILE:HD11	1:101:A:ILE:HB	19	2.4
(1,832)	1:98:A:ILE:HD12	1:101:A:ILE:HB	19	2.4
(1,832)	1:98:A:ILE:HD13	1:101:A:ILE:HB	19	2.4
(1,662)	1:96:A:VAL:HA	1:116:A:GLN:HE22	1	2.4
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	4	2.39
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	4	2.39
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	4	2.39
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	4	2.39
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	4	2.39
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	4	2.39
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	4	2.39
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	4	2.39
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	4	2.39
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	4	2.39
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	4	2.39
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	4	2.39
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	4	2.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	4	2.39
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	4	2.39
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	4	2.39
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	4	2.39
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	4	2.39
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG11	5	2.39
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG12	5	2.39
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG13	5	2.39
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG21	5	2.39
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG22	5	2.39
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG23	5	2.39
(34,1094)	1:66:A:THR:HG21	1:95:A:ILE:HA	4	2.39
(34,1094)	1:66:A:THR:HG22	1:95:A:ILE:HA	4	2.39
(34,1094)	1:66:A:THR:HG23	1:95:A:ILE:HA	4	2.39
(33,1637)	1:134:A:VAL:HG11	1:137:A:SER:H	7	2.39
(33,1637)	1:134:A:VAL:HG12	1:137:A:SER:H	7	2.39
(33,1637)	1:134:A:VAL:HG13	1:137:A:SER:H	7	2.39
(32,1188)	1:33:A:LYS:HB2	1:81:A:GLU:HA	12	2.39
(32,1188)	1:33:A:LYS:HB3	1:81:A:GLU:HA	12	2.39
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD21	2	2.39
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD22	2	2.39
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD23	2	2.39
(30,1217)	1:33:A:LYS:HB2	1:81:A:GLU:HA	12	2.39
(30,1217)	1:33:A:LYS:HB3	1:81:A:GLU:HA	12	2.39
(30,686)	1:39:A:VAL:HB	1:144:A:LEU:H	17	2.39
(18,514)	1:101:A:ILE:HG13	1:105:A:LYS:H	7	2.39
(17,2069)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	11	2.39
(17,2069)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	11	2.39
(17,2069)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	11	2.39
(17,2069)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	11	2.39
(17,2069)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	11	2.39
(17,2069)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	11	2.39
(17,2069)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	11	2.39
(17,2069)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	11	2.39
(17,2069)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	11	2.39
(17,2069)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	11	2.39
(17,2069)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	11	2.39
(17,2069)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	11	2.39
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD11	17	2.39
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD12	17	2.39
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD13	17	2.39
(17,556)	1:10:A:ASN:HD21	1:14:A:VAL:HB	16	2.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1937)	1:10:A:ASN:HD21	1:15:A:ALA:H	4	2.39
(16,1937)	1:10:A:ASN:HD22	1:15:A:ALA:H	4	2.39
(15,2496)	1:144:A:LEU:HD11	1:148:A:CYS:H	11	2.39
(15,2496)	1:144:A:LEU:HD12	1:148:A:CYS:H	11	2.39
(15,2496)	1:144:A:LEU:HD13	1:148:A:CYS:H	11	2.39
(15,2496)	1:144:A:LEU:HD21	1:148:A:CYS:H	11	2.39
(15,2496)	1:144:A:LEU:HD22	1:148:A:CYS:H	11	2.39
(15,2496)	1:144:A:LEU:HD23	1:148:A:CYS:H	11	2.39
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	1	2.39
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	1	2.39
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	1	2.39
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	1	2.39
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	14	2.39
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	14	2.39
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	14	2.39
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	14	2.39
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	14	2.39
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	14	2.39
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	14	2.39
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	14	2.39
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	14	2.39
(13,1422)	1:31:A:PRO:HD2	1:144:A:LEU:HB3	4	2.39
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD21	2	2.39
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD22	2	2.39
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD23	2	2.39
(11,1239)	1:34:A:LYS:H	1:81:A:GLU:HA	10	2.39
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	18	2.39
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	18	2.39
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	18	2.39
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	18	2.39
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	18	2.39
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	18	2.39
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	18	2.39
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	18	2.39
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	18	2.39
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	18	2.39
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	18	2.39
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	18	2.39
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	18	2.39
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	18	2.39
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	18	2.39
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	18	2.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	18	2.39
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	18	2.39
(6,1651)	1:134:A:VAL:HG11	1:137:A:SER:H	7	2.39
(6,1651)	1:134:A:VAL:HG12	1:137:A:SER:H	7	2.39
(6,1651)	1:134:A:VAL:HG13	1:137:A:SER:H	7	2.39
(6,743)	1:43:A:MET:HE1	1:134:A:VAL:H	12	2.39
(6,743)	1:43:A:MET:HE2	1:134:A:VAL:H	12	2.39
(6,743)	1:43:A:MET:HE3	1:134:A:VAL:H	12	2.39
(5,1663)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	4	2.39
(5,1663)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	4	2.39
(5,1663)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	4	2.39
(5,1663)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	4	2.39
(5,1663)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	4	2.39
(5,1663)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	4	2.39
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD11	4	2.39
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD12	4	2.39
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD13	4	2.39
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD11	18	2.39
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD12	18	2.39
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD13	18	2.39
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD21	2	2.39
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD22	2	2.39
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD23	2	2.39
(2,684)	1:39:A:VAL:HB	1:144:A:LEU:H	17	2.39
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE1	17	2.38
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE2	17	2.38
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE3	17	2.38
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	10	2.38
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	10	2.38
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	10	2.38
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	18	2.38
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	18	2.38
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	18	2.38
(32,1653)	1:43:A:MET:HE1	1:131:A:LEU:HA	13	2.38
(32,1653)	1:43:A:MET:HE2	1:131:A:LEU:HA	13	2.38
(32,1653)	1:43:A:MET:HE3	1:131:A:LEU:HA	13	2.38
(30,1658)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	15	2.38
(30,1658)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	15	2.38
(30,1658)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	15	2.38
(30,1658)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	15	2.38
(30,1658)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	15	2.38
(30,1658)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	15	2.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1658)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	15	2.38
(30,1658)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	15	2.38
(30,1658)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	15	2.38
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	10	2.38
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	10	2.38
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	10	2.38
(19,20)	1:56:A:CYS:SG	1:52:A:CYS:CB	14	2.38
(18,1817)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	3	2.38
(18,774)	1:32:A:GLY:HA2	1:34:A:LYS:H	4	2.38
(18,124)	1:78:A:HIS:HA	1:80:A:TYR:H	11	2.38
(17,1772)	1:39:A:VAL:HB	1:139:A:LEU:HA	4	2.38
(16,2071)	1:32:A:GLY:HA2	1:81:A:GLU:H	19	2.38
(16,2071)	1:32:A:GLY:HA3	1:81:A:GLU:H	19	2.38
(16,1937)	1:10:A:ASN:HD21	1:15:A:ALA:H	16	2.38
(16,1937)	1:10:A:ASN:HD22	1:15:A:ALA:H	16	2.38
(16,673)	1:110:A:MET:H	1:111:A:GLU:HG2	2	2.38
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE1	8	2.38
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE2	8	2.38
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	15	2.38
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	15	2.38
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	15	2.38
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	15	2.38
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	15	2.38
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	15	2.38
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	15	2.38
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	15	2.38
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	15	2.38
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	9	2.38
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	9	2.38
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	9	2.38
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	9	2.38
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	9	2.38
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	9	2.38
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	9	2.38
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	9	2.38
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	9	2.38
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	3	2.38
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	3	2.38
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	3	2.38
(11,1943)	1:11:A:ILE:HD11	1:18:A:PHE:HZ	16	2.38
(11,1943)	1:11:A:ILE:HD12	1:18:A:PHE:HZ	16	2.38
(11,1943)	1:11:A:ILE:HD13	1:18:A:PHE:HZ	16	2.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD21	14	2.38
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD22	14	2.38
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD23	14	2.38
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD2	11	2.38
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD3	11	2.38
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD2	11	2.38
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD3	11	2.38
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD2	11	2.38
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD3	11	2.38
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	10	2.38
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	10	2.38
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	10	2.38
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG11	13	2.38
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG12	13	2.38
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG13	13	2.38
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG21	13	2.38
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG22	13	2.38
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG23	13	2.38
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG11	13	2.38
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG12	13	2.38
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG13	13	2.38
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG21	13	2.38
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG22	13	2.38
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG23	13	2.38
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG11	13	2.38
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG12	13	2.38
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG13	13	2.38
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG21	13	2.38
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG22	13	2.38
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG23	13	2.38
(9,1692)	1:43:A:MET:HE1	1:131:A:LEU:HA	13	2.38
(9,1692)	1:43:A:MET:HE2	1:131:A:LEU:HA	13	2.38
(9,1692)	1:43:A:MET:HE3	1:131:A:LEU:HA	13	2.38
(9,973)	1:15:A:ALA:HB1	1:134:A:VAL:HB	13	2.38
(9,973)	1:15:A:ALA:HB2	1:134:A:VAL:HB	13	2.38
(9,973)	1:15:A:ALA:HB3	1:134:A:VAL:HB	13	2.38
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	10	2.38
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	10	2.38
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	10	2.38
(6,751)	1:32:A:GLY:HA2	1:34:A:LYS:H	4	2.38
(6,62)	1:32:A:GLY:HA2	1:81:A:GLU:H	16	2.38
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG21	12	2.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG22	12	2.38
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG23	12	2.38
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD11	8	2.38
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD12	8	2.38
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD13	8	2.38
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD21	8	2.38
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD22	8	2.38
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD23	8	2.38
(4,1202)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	3	2.38
(4,1202)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	3	2.38
(4,1202)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	3	2.38
(4,1081)	1:41:A:LYS:HG3	1:42:A:GLU:HA	19	2.38
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD11	3	2.38
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD12	3	2.38
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD13	3	2.38
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD21	3	2.38
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD22	3	2.38
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD23	3	2.38
(3,1643)	1:22:A:ASP:H	1:24:A:ASP:HA	1	2.38
(3,1643)	1:22:A:ASP:H	1:24:A:ASP:HA	12	2.38
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	10	2.38
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	10	2.38
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	10	2.38
(3,1407)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	7	2.38
(3,1407)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	7	2.38
(3,1407)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	7	2.38
(2,1643)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	14	2.38
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	12	2.38
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	12	2.38
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	12	2.38
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	19	2.38
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	19	2.38
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	19	2.38
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	10	2.37
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	10	2.37
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	10	2.37
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	10	2.37
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	10	2.37
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	10	2.37
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	10	2.37
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	10	2.37
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	10	2.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	10	2.37
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	10	2.37
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	10	2.37
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	10	2.37
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	10	2.37
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	10	2.37
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	10	2.37
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	10	2.37
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	10	2.37
(34,1972)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	7	2.37
(34,1972)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	7	2.37
(34,1972)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	7	2.37
(34,1972)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	7	2.37
(34,1972)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	7	2.37
(34,1972)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	7	2.37
(34,1972)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	7	2.37
(34,1972)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	7	2.37
(34,1972)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	7	2.37
(34,1972)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	7	2.37
(34,1972)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	7	2.37
(34,1972)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	7	2.37
(33,953)	1:39:A:VAL:HA	1:140:A:LEU:HD21	13	2.37
(33,953)	1:39:A:VAL:HA	1:140:A:LEU:HD22	13	2.37
(33,953)	1:39:A:VAL:HA	1:140:A:LEU:HD23	13	2.37
(30,1261)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	12	2.37
(30,1261)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	12	2.37
(30,1261)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	12	2.37
(30,1261)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	12	2.37
(30,1261)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	12	2.37
(30,1261)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	12	2.37
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD11	16	2.37
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD12	16	2.37
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD13	16	2.37
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD11	16	2.37
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD12	16	2.37
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD13	16	2.37
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD11	16	2.37
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD12	16	2.37
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD13	16	2.37
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	1	2.37
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	1	2.37
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	1	2.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(20,9)	1:56:A:CYS:SG	1:127:A:CYS:SG	9	2.37
(17,2069)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	17	2.37
(17,2069)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	17	2.37
(17,2069)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	17	2.37
(17,2069)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	17	2.37
(17,2069)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	17	2.37
(17,2069)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	17	2.37
(17,2069)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	17	2.37
(17,2069)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	17	2.37
(17,2069)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	17	2.37
(17,2069)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	17	2.37
(17,2069)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	17	2.37
(17,2069)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	17	2.37
(16,1962)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	7	2.37
(16,1962)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	7	2.37
(16,1962)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	7	2.37
(16,1962)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	7	2.37
(16,1962)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	7	2.37
(16,1962)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	7	2.37
(16,1962)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	7	2.37
(16,1962)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	7	2.37
(16,1962)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	7	2.37
(16,1962)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	7	2.37
(16,1962)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	7	2.37
(16,1962)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	7	2.37
(16,1899)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	5	2.37
(16,1037)	1:34:A:LYS:H	1:81:A:GLU:HB3	6	2.37
(15,762)	1:13:A:ALA:HB1	1:34:A:LYS:H	17	2.37
(15,762)	1:13:A:ALA:HB2	1:34:A:LYS:H	17	2.37
(15,762)	1:13:A:ALA:HB3	1:34:A:LYS:H	17	2.37
(13,1932)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	7	2.37
(13,1932)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	7	2.37
(13,1932)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	7	2.37
(13,1932)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	7	2.37
(13,1932)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	7	2.37
(13,1932)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	7	2.37
(13,1932)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	7	2.37
(13,1932)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	7	2.37
(13,1932)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	7	2.37
(13,1932)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	7	2.37
(13,1932)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	7	2.37
(13,1932)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	7	2.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG11	3	2.37
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG12	3	2.37
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG13	3	2.37
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG11	4	2.37
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG12	4	2.37
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG13	4	2.37
(13,85)	1:30:A:LEU:H	1:144:A:LEU:HA	5	2.37
(11,1993)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	7	2.37
(11,1993)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	7	2.37
(11,1993)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	7	2.37
(11,1993)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	7	2.37
(11,1993)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	7	2.37
(11,1993)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	7	2.37
(11,1993)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	7	2.37
(11,1993)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	7	2.37
(11,1993)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	7	2.37
(11,1993)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	7	2.37
(11,1993)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	7	2.37
(11,1993)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	7	2.37
(9,2428)	1:144:A:LEU:HB2	1:148:A:CYS:H	4	2.37
(9,2428)	1:144:A:LEU:HB3	1:148:A:CYS:H	4	2.37
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG12	14	2.37
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG13	14	2.37
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG21	1	2.37
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG22	1	2.37
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG23	1	2.37
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG21	1	2.37
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG22	1	2.37
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG23	1	2.37
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG21	1	2.37
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG22	1	2.37
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG23	1	2.37
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG11	1	2.37
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG12	1	2.37
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG13	1	2.37
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG11	1	2.37
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG12	1	2.37
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG13	1	2.37
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG11	1	2.37
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG12	1	2.37
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG13	1	2.37
(6,1981)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	7	2.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1981)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	7	2.37
(6,1981)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	7	2.37
(6,1981)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	7	2.37
(6,1981)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	7	2.37
(6,1981)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	7	2.37
(6,1981)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	7	2.37
(6,1981)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	7	2.37
(6,1981)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	7	2.37
(6,1981)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	7	2.37
(6,1981)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	7	2.37
(6,1981)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	7	2.37
(6,979)	1:31:A:PRO:HB2	1:144:A:LEU:HB3	14	2.37
(6,979)	1:31:A:PRO:HB3	1:144:A:LEU:HB3	14	2.37
(4,1005)	1:34:A:LYS:H	1:81:A:GLU:HB3	6	2.37
(4,833)	1:48:A:ARG:HD2	1:49:A:LYS:HA	4	2.37
(4,833)	1:48:A:ARG:HD3	1:49:A:LYS:HA	4	2.37
(3,2080)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	17	2.37
(3,2080)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	17	2.37
(3,2080)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	17	2.37
(3,2080)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	17	2.37
(3,2080)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	17	2.37
(3,2080)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	17	2.37
(3,1036)	1:34:A:LYS:H	1:81:A:GLU:HB3	6	2.37
(1,2052)	1:30:A:LEU:HD11	1:144:A:LEU:HA	3	2.37
(1,2052)	1:30:A:LEU:HD12	1:144:A:LEU:HA	3	2.37
(1,2052)	1:30:A:LEU:HD13	1:144:A:LEU:HA	3	2.37
(1,2052)	1:30:A:LEU:HD21	1:144:A:LEU:HA	3	2.37
(1,2052)	1:30:A:LEU:HD22	1:144:A:LEU:HA	3	2.37
(1,2052)	1:30:A:LEU:HD23	1:144:A:LEU:HA	3	2.37
(1,1132)	1:31:A:PRO:HD2	1:143:A:TRP:HA	17	2.37
(34,1094)	1:66:A:THR:HG21	1:95:A:ILE:HA	16	2.36
(34,1094)	1:66:A:THR:HG22	1:95:A:ILE:HA	16	2.36
(34,1094)	1:66:A:THR:HG23	1:95:A:ILE:HA	16	2.36
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD2	8	2.36
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD3	8	2.36
(33,2053)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	10	2.36
(33,2053)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	10	2.36
(33,2053)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	10	2.36
(33,2053)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	10	2.36
(33,2053)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	10	2.36
(33,2053)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	10	2.36
(33,2053)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	10	2.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2053)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	10	2.36
(33,2053)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	10	2.36
(33,2053)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	10	2.36
(33,2053)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	10	2.36
(33,2053)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	10	2.36
(32,1188)	1:33:A:LYS:HB2	1:81:A:GLU:HA	5	2.36
(32,1188)	1:33:A:LYS:HB3	1:81:A:GLU:HA	5	2.36
(30,1953)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	17	2.36
(30,1953)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	17	2.36
(30,1953)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	17	2.36
(30,1953)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	17	2.36
(30,1713)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	12	2.36
(30,1713)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	12	2.36
(30,1713)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	12	2.36
(30,1713)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	12	2.36
(30,1713)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	12	2.36
(30,1713)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	12	2.36
(30,1217)	1:33:A:LYS:HB2	1:81:A:GLU:HA	5	2.36
(30,1217)	1:33:A:LYS:HB3	1:81:A:GLU:HA	5	2.36
(29,2063)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	10	2.36
(29,2063)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	10	2.36
(29,2063)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	10	2.36
(29,2063)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	10	2.36
(29,2063)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	10	2.36
(29,2063)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	10	2.36
(29,2063)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	10	2.36
(29,2063)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	10	2.36
(29,2063)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	10	2.36
(29,2063)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	10	2.36
(29,2063)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	10	2.36
(29,2063)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	10	2.36
(17,2058)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	10	2.36
(17,2058)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	10	2.36
(17,2058)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	10	2.36
(17,2058)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	10	2.36
(17,2058)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	10	2.36
(17,2058)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	10	2.36
(17,2058)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	10	2.36
(17,2058)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	10	2.36
(17,2058)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	10	2.36
(17,2058)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	10	2.36
(17,2058)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	10	2.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2058)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	10	2.36
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD11	16	2.36
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD12	16	2.36
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD13	16	2.36
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD21	16	2.36
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD22	16	2.36
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD23	16	2.36
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD11	16	2.36
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD12	16	2.36
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD13	16	2.36
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD21	16	2.36
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD22	16	2.36
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD23	16	2.36
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD11	19	2.36
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD12	19	2.36
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD13	19	2.36
(16,673)	1:110:A:MET:H	1:111:A:GLU:HG2	9	2.36
(15,2496)	1:144:A:LEU:HD11	1:148:A:CYS:H	8	2.36
(15,2496)	1:144:A:LEU:HD12	1:148:A:CYS:H	8	2.36
(15,2496)	1:144:A:LEU:HD13	1:148:A:CYS:H	8	2.36
(15,2496)	1:144:A:LEU:HD21	1:148:A:CYS:H	8	2.36
(15,2496)	1:144:A:LEU:HD22	1:148:A:CYS:H	8	2.36
(15,2496)	1:144:A:LEU:HD23	1:148:A:CYS:H	8	2.36
(15,2490)	1:144:A:LEU:HB2	1:148:A:CYS:H	8	2.36
(15,2490)	1:144:A:LEU:HB3	1:148:A:CYS:H	8	2.36
(15,2279)	1:96:A:VAL:HG11	1:116:A:GLN:HG2	3	2.36
(15,2279)	1:96:A:VAL:HG12	1:116:A:GLN:HG2	3	2.36
(15,2279)	1:96:A:VAL:HG13	1:116:A:GLN:HG2	3	2.36
(15,2279)	1:96:A:VAL:HG21	1:116:A:GLN:HG2	3	2.36
(15,2279)	1:96:A:VAL:HG22	1:116:A:GLN:HG2	3	2.36
(15,2279)	1:96:A:VAL:HG23	1:116:A:GLN:HG2	3	2.36
(15,1931)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	17	2.36
(15,1931)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	17	2.36
(15,1931)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	17	2.36
(15,1931)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	17	2.36
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE21	15	2.36
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE22	15	2.36
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE21	15	2.36
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE22	15	2.36
(13,1848)	1:64:A:LYS:HD2	1:104:A:PHE:HZ	15	2.36
(13,1848)	1:64:A:LYS:HD3	1:104:A:PHE:HZ	15	2.36
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	6	2.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	6	2.36
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	6	2.36
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	6	2.36
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	6	2.36
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	6	2.36
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	6	2.36
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	6	2.36
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	6	2.36
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	3	2.36
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	3	2.36
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	3	2.36
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	3	2.36
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	3	2.36
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	3	2.36
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	3	2.36
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	3	2.36
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	3	2.36
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	3	2.36
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	3	2.36
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	3	2.36
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	3	2.36
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	3	2.36
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	3	2.36
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	3	2.36
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	3	2.36
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	3	2.36
(11,2060)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	10	2.36
(11,2060)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	10	2.36
(11,2060)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	10	2.36
(11,2060)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	10	2.36
(11,2060)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	10	2.36
(11,2060)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	10	2.36
(11,2060)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	10	2.36
(11,2060)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	10	2.36
(11,2060)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	10	2.36
(11,2060)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	10	2.36
(11,2060)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	10	2.36
(11,2060)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	10	2.36
(7,1905)	1:10:A:ASN:HB2	1:79:A:THR:HB	8	2.36
(7,1905)	1:10:A:ASN:HB3	1:79:A:THR:HB	8	2.36
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD11	7	2.36
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD12	7	2.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD13	7	2.36
(6,2052)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	10	2.36
(6,2052)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	10	2.36
(6,2052)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	10	2.36
(6,2052)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	10	2.36
(6,2052)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	10	2.36
(6,2052)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	10	2.36
(6,2052)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	10	2.36
(6,2052)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	10	2.36
(6,2052)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	10	2.36
(6,2052)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	10	2.36
(6,2052)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	10	2.36
(6,2052)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	10	2.36
(6,828)	1:48:A:ARG:HD2	1:49:A:LYS:HA	14	2.36
(6,828)	1:48:A:ARG:HD3	1:49:A:LYS:HA	14	2.36
(3,2087)	1:32:A:GLY:HA2	1:81:A:GLU:H	4	2.36
(3,2087)	1:32:A:GLY:HA3	1:81:A:GLU:H	4	2.36
(3,1643)	1:22:A:ASP:H	1:24:A:ASP:HA	17	2.36
(2,1727)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	12	2.36
(2,1727)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	12	2.36
(2,1727)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	12	2.36
(2,1727)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	12	2.36
(2,1727)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	12	2.36
(2,1727)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	12	2.36
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD21	14	2.36
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD22	14	2.36
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD23	14	2.36
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD21	14	2.36
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD22	14	2.36
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD23	14	2.36
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD21	14	2.36
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD22	14	2.36
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD23	14	2.36
(1,2056)	1:31:A:PRO:HD2	1:143:A:TRP:HA	3	2.36
(1,2056)	1:31:A:PRO:HD3	1:143:A:TRP:HA	3	2.36
(1,2041)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	10	2.36
(1,2041)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	10	2.36
(1,2041)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	10	2.36
(1,2041)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	10	2.36
(1,2041)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	10	2.36
(1,2041)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	10	2.36
(1,2041)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	10	2.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2041)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	10	2.36
(1,2041)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	10	2.36
(1,2041)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	10	2.36
(1,2041)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	10	2.36
(1,2041)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	10	2.36
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD11	1	2.35
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD12	1	2.35
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD13	1	2.35
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD21	1	2.35
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD22	1	2.35
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD23	1	2.35
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD2	17	2.35
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD3	17	2.35
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD11	15	2.35
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD12	15	2.35
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD13	15	2.35
(34,913)	1:67:A:PRO:HD3	1:95:A:ILE:HB	11	2.35
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	12	2.35
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	12	2.35
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	12	2.35
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	12	2.35
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	12	2.35
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	12	2.35
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD11	2	2.35
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD12	2	2.35
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD13	2	2.35
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD21	2	2.35
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD22	2	2.35
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD23	2	2.35
(33,1968)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	14	2.35
(33,1968)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	14	2.35
(33,1968)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	14	2.35
(33,1968)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	14	2.35
(33,1968)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	14	2.35
(33,1968)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	14	2.35
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD1	10	2.35
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD2	10	2.35
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD1	10	2.35
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD2	10	2.35
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG21	16	2.35
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG22	16	2.35
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG23	16	2.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,971)	1:141:A:LYS:HB2	1:149:A:ALA:HA	17	2.35
(33,971)	1:141:A:LYS:HB3	1:149:A:ALA:HA	17	2.35
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	9	2.35
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	9	2.35
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	9	2.35
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	9	2.35
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	12	2.35
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	12	2.35
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	12	2.35
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	12	2.35
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	12	2.35
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	12	2.35
(32,1784)	1:9:A:PHE:HZ	1:54:A:ARG:HE	14	2.35
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG21	16	2.35
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG22	16	2.35
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG23	16	2.35
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD11	11	2.35
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD12	11	2.35
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD13	11	2.35
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD21	11	2.35
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD22	11	2.35
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD23	11	2.35
(30,888)	1:67:A:PRO:HD3	1:95:A:ILE:HB	11	2.35
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD11	11	2.35
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD12	11	2.35
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD13	11	2.35
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD21	11	2.35
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD22	11	2.35
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD23	11	2.35
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	12	2.35
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	12	2.35
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	12	2.35
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	12	2.35
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	12	2.35
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	12	2.35
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	14	2.35
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	14	2.35
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	14	2.35
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	14	2.35
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD11	1	2.35
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD12	1	2.35
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD13	1	2.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD21	1	2.35
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD22	1	2.35
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD23	1	2.35
(18,1373)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	3	2.35
(18,1373)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	3	2.35
(18,1373)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	3	2.35
(18,1373)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	3	2.35
(18,1373)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	3	2.35
(18,1373)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	3	2.35
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	6	2.35
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	6	2.35
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	6	2.35
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	6	2.35
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	6	2.35
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	6	2.35
(16,2070)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	6	2.35
(16,2070)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	6	2.35
(16,2070)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	6	2.35
(16,2070)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	6	2.35
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD11	1	2.35
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD12	1	2.35
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD13	1	2.35
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD21	1	2.35
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD22	1	2.35
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD23	1	2.35
(16,1963)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	14	2.35
(16,1963)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	14	2.35
(16,1963)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	14	2.35
(16,1963)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	14	2.35
(16,1963)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	14	2.35
(16,1963)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	14	2.35
(16,673)	1:110:A:MET:H	1:111:A:GLU:HG2	13	2.35
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	12	2.35
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	12	2.35
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	12	2.35
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	12	2.35
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	12	2.35
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	12	2.35
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE1	9	2.35
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE2	9	2.35
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD11	1	2.35
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD12	1	2.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD13	1	2.35
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD21	1	2.35
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD22	1	2.35
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD23	1	2.35
(11,1682)	1:134:A:VAL:HG11	1:137:A:SER:H	10	2.35
(11,1682)	1:134:A:VAL:HG12	1:137:A:SER:H	10	2.35
(11,1682)	1:134:A:VAL:HG13	1:137:A:SER:H	10	2.35
(11,1411)	1:19:A:ALA:HB1	1:21:A:THR:HG21	6	2.35
(11,1411)	1:19:A:ALA:HB1	1:21:A:THR:HG22	6	2.35
(11,1411)	1:19:A:ALA:HB1	1:21:A:THR:HG23	6	2.35
(11,1411)	1:19:A:ALA:HB2	1:21:A:THR:HG21	6	2.35
(11,1411)	1:19:A:ALA:HB2	1:21:A:THR:HG22	6	2.35
(11,1411)	1:19:A:ALA:HB2	1:21:A:THR:HG23	6	2.35
(11,1411)	1:19:A:ALA:HB3	1:21:A:THR:HG21	6	2.35
(11,1411)	1:19:A:ALA:HB3	1:21:A:THR:HG22	6	2.35
(11,1411)	1:19:A:ALA:HB3	1:21:A:THR:HG23	6	2.35
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE1	4	2.35
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE2	4	2.35
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE3	4	2.35
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE1	4	2.35
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE2	4	2.35
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE3	4	2.35
(7,1611)	1:27:A:ARG:HA	1:30:A:LEU:H	10	2.35
(7,1209)	1:79:A:THR:HG21	1:81:A:GLU:HA	12	2.35
(7,1209)	1:79:A:THR:HG22	1:81:A:GLU:HA	12	2.35
(7,1209)	1:79:A:THR:HG23	1:81:A:GLU:HA	12	2.35
(6,1982)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	14	2.35
(6,1982)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	14	2.35
(6,1982)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	14	2.35
(6,1982)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	14	2.35
(6,1982)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	14	2.35
(6,1982)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	14	2.35
(6,1696)	1:43:A:MET:HE1	1:135:A:GLN:H	4	2.35
(6,1696)	1:43:A:MET:HE2	1:135:A:GLN:H	4	2.35
(6,1696)	1:43:A:MET:HE3	1:135:A:GLN:H	4	2.35
(6,1387)	1:19:A:ALA:HB1	1:21:A:THR:HG21	6	2.35
(6,1387)	1:19:A:ALA:HB1	1:21:A:THR:HG22	6	2.35
(6,1387)	1:19:A:ALA:HB1	1:21:A:THR:HG23	6	2.35
(6,1387)	1:19:A:ALA:HB2	1:21:A:THR:HG21	6	2.35
(6,1387)	1:19:A:ALA:HB2	1:21:A:THR:HG22	6	2.35
(6,1387)	1:19:A:ALA:HB2	1:21:A:THR:HG23	6	2.35
(6,1387)	1:19:A:ALA:HB3	1:21:A:THR:HG21	6	2.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1387)	1:19:A:ALA:HB3	1:21:A:THR:HG22	6	2.35
(6,1387)	1:19:A:ALA:HB3	1:21:A:THR:HG23	6	2.35
(5,1026)	1:112:A:GLN:HG2	1:113:A:PHE:HA	5	2.35
(5,1026)	1:112:A:GLN:HG3	1:113:A:PHE:HA	5	2.35
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD11	1	2.35
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD12	1	2.35
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD13	1	2.35
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD21	1	2.35
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD22	1	2.35
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD23	1	2.35
(4,1822)	1:13:A:ALA:HA	1:80:A:TYR:HE1	13	2.35
(4,1822)	1:13:A:ALA:HA	1:80:A:TYR:HE2	13	2.35
(4,1675)	1:43:A:MET:HE1	1:135:A:GLN:H	4	2.35
(4,1675)	1:43:A:MET:HE2	1:135:A:GLN:H	4	2.35
(4,1675)	1:43:A:MET:HE3	1:135:A:GLN:H	4	2.35
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB1	12	2.35
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB2	12	2.35
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB3	12	2.35
(3,1847)	1:9:A:PHE:HZ	1:54:A:ARG:HE	14	2.35
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD2	9	2.35
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD3	9	2.35
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD2	9	2.35
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD3	9	2.35
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD2	9	2.35
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD3	9	2.35
(3,1643)	1:22:A:ASP:H	1:24:A:ASP:HA	3	2.35
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	13	2.35
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	13	2.35
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	13	2.35
(2,1395)	1:19:A:ALA:HB1	1:21:A:THR:HG21	6	2.35
(2,1395)	1:19:A:ALA:HB1	1:21:A:THR:HG22	6	2.35
(2,1395)	1:19:A:ALA:HB1	1:21:A:THR:HG23	6	2.35
(2,1395)	1:19:A:ALA:HB2	1:21:A:THR:HG21	6	2.35
(2,1395)	1:19:A:ALA:HB2	1:21:A:THR:HG22	6	2.35
(2,1395)	1:19:A:ALA:HB2	1:21:A:THR:HG23	6	2.35
(2,1395)	1:19:A:ALA:HB3	1:21:A:THR:HG21	6	2.35
(2,1395)	1:19:A:ALA:HB3	1:21:A:THR:HG22	6	2.35
(2,1395)	1:19:A:ALA:HB3	1:21:A:THR:HG23	6	2.35
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	19	2.35
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	19	2.35
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	19	2.35
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	19	2.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE1	4	2.35
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE2	4	2.35
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE3	4	2.35
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE1	4	2.35
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE2	4	2.35
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE3	4	2.35
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG21	9	2.35
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG22	9	2.35
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG23	9	2.35
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG11	8	2.34
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG12	8	2.34
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG13	8	2.34
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG21	8	2.34
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG22	8	2.34
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG23	8	2.34
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD2	9	2.34
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD3	9	2.34
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD2	5	2.34
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD3	5	2.34
(34,991)	1:11:A:ILE:HG12	1:14:A:VAL:HB	14	2.34
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD11	10	2.34
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD12	10	2.34
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD13	10	2.34
(33,1634)	1:102:A:PRO:HA	1:105:A:LYS:HD2	6	2.34
(33,1634)	1:102:A:PRO:HA	1:105:A:LYS:HD3	6	2.34
(32,2488)	1:144:A:LEU:HD11	1:146:A:GLN:HE21	14	2.34
(32,2488)	1:144:A:LEU:HD11	1:146:A:GLN:HE22	14	2.34
(32,2488)	1:144:A:LEU:HD12	1:146:A:GLN:HE21	14	2.34
(32,2488)	1:144:A:LEU:HD12	1:146:A:GLN:HE22	14	2.34
(32,2488)	1:144:A:LEU:HD13	1:146:A:GLN:HE21	14	2.34
(32,2488)	1:144:A:LEU:HD13	1:146:A:GLN:HE22	14	2.34
(32,2488)	1:144:A:LEU:HD21	1:146:A:GLN:HE21	14	2.34
(32,2488)	1:144:A:LEU:HD21	1:146:A:GLN:HE22	14	2.34
(32,2488)	1:144:A:LEU:HD22	1:146:A:GLN:HE21	14	2.34
(32,2488)	1:144:A:LEU:HD22	1:146:A:GLN:HE22	14	2.34
(32,2488)	1:144:A:LEU:HD23	1:146:A:GLN:HE21	14	2.34
(32,2488)	1:144:A:LEU:HD23	1:146:A:GLN:HE22	14	2.34
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	19	2.34
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	19	2.34
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	19	2.34
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	19	2.34
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	19	2.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	19	2.34
(32,1378)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	6	2.34
(32,1378)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	6	2.34
(32,1378)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	6	2.34
(32,839)	1:30:A:LEU:HB2	1:143:A:TRP:HZ3	11	2.34
(32,839)	1:30:A:LEU:HB3	1:143:A:TRP:HZ3	11	2.34
(20,4)	1:52:A:CYS:SG	1:123:A:CYS:SG	7	2.34
(19,4)	1:123:A:CYS:SG	1:120:A:CYS:CB	6	2.34
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	16	2.34
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	16	2.34
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	16	2.34
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD21	16	2.34
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD22	16	2.34
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD23	16	2.34
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	16	2.34
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	16	2.34
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	16	2.34
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD21	16	2.34
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD22	16	2.34
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD23	16	2.34
(18,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	1	2.34
(18,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	1	2.34
(18,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	1	2.34
(18,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	1	2.34
(16,2491)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	16	2.34
(16,2491)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	16	2.34
(16,2491)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	16	2.34
(16,2491)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	16	2.34
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD11	10	2.34
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD12	10	2.34
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD13	10	2.34
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD21	10	2.34
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD22	10	2.34
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD23	10	2.34
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD11	10	2.34
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD12	10	2.34
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD13	10	2.34
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD21	10	2.34
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD22	10	2.34
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD23	10	2.34
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD11	10	2.34
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD12	10	2.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD13	10	2.34
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD21	10	2.34
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD22	10	2.34
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD23	10	2.34
(16,1874)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	5	2.34
(16,1874)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	5	2.34
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD2	10	2.34
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD3	10	2.34
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD2	10	2.34
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD3	10	2.34
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD2	10	2.34
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD3	10	2.34
(15,2496)	1:144:A:LEU:HD11	1:148:A:CYS:H	17	2.34
(15,2496)	1:144:A:LEU:HD12	1:148:A:CYS:H	17	2.34
(15,2496)	1:144:A:LEU:HD13	1:148:A:CYS:H	17	2.34
(15,2496)	1:144:A:LEU:HD21	1:148:A:CYS:H	17	2.34
(15,2496)	1:144:A:LEU:HD22	1:148:A:CYS:H	17	2.34
(15,2496)	1:144:A:LEU:HD23	1:148:A:CYS:H	17	2.34
(13,2468)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	16	2.34
(13,2468)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	16	2.34
(13,2468)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	16	2.34
(13,2468)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	16	2.34
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE1	10	2.34
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE2	10	2.34
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE3	10	2.34
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE1	10	2.34
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE2	10	2.34
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE3	10	2.34
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG11	5	2.34
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG12	5	2.34
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG13	5	2.34
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD2	9	2.34
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD3	9	2.34
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE1	7	2.34
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE2	7	2.34
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE3	7	2.34
(7,1209)	1:79:A:THR:HG21	1:81:A:GLU:HA	8	2.34
(7,1209)	1:79:A:THR:HG22	1:81:A:GLU:HA	8	2.34
(7,1209)	1:79:A:THR:HG23	1:81:A:GLU:HA	8	2.34
(5,1961)	1:10:A:ASN:HD21	1:14:A:VAL:HB	12	2.34
(5,1961)	1:10:A:ASN:HD22	1:14:A:VAL:HB	12	2.34
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD11	10	2.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD12	10	2.34
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD13	10	2.34
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD21	10	2.34
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD22	10	2.34
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD23	10	2.34
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD11	10	2.34
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD12	10	2.34
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD13	10	2.34
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD21	10	2.34
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD22	10	2.34
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD23	10	2.34
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD11	10	2.34
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD12	10	2.34
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD13	10	2.34
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD21	10	2.34
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD22	10	2.34
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD23	10	2.34
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	12	2.34
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	12	2.34
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	12	2.34
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	12	2.34
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	12	2.34
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	12	2.34
(3,1435)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	6	2.34
(3,1435)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	6	2.34
(3,1435)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	6	2.34
(2,1662)	1:47:A:ALA:H	1:134:A:VAL:HG11	11	2.34
(2,1662)	1:47:A:ALA:H	1:134:A:VAL:HG12	11	2.34
(2,1662)	1:47:A:ALA:H	1:134:A:VAL:HG13	11	2.34
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD11	11	2.34
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD12	11	2.34
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD13	11	2.34
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD2	9	2.33
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD3	9	2.33
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG11	13	2.33
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG12	13	2.33
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG13	13	2.33
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG21	13	2.33
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG22	13	2.33
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG23	13	2.33
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	15	2.33
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	15	2.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	15	2.33
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	15	2.33
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	15	2.33
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	15	2.33
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	15	2.33
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	15	2.33
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	15	2.33
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	15	2.33
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	15	2.33
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	15	2.33
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	15	2.33
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	15	2.33
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	15	2.33
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	15	2.33
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	15	2.33
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	15	2.33
(32,2134)	1:43:A:MET:HE1	1:46:A:ASN:HB2	4	2.33
(32,2134)	1:43:A:MET:HE1	1:46:A:ASN:HB3	4	2.33
(32,2134)	1:43:A:MET:HE2	1:46:A:ASN:HB2	4	2.33
(32,2134)	1:43:A:MET:HE2	1:46:A:ASN:HB3	4	2.33
(32,2134)	1:43:A:MET:HE3	1:46:A:ASN:HB2	4	2.33
(32,2134)	1:43:A:MET:HE3	1:46:A:ASN:HB3	4	2.33
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD21	15	2.33
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD22	15	2.33
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD23	15	2.33
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD21	15	2.33
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD22	15	2.33
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD23	15	2.33
(30,1021)	1:60:A:LEU:H	1:63:A:ILE:HG13	11	2.33
(29,1046)	1:60:A:LEU:H	1:63:A:ILE:HG13	11	2.33
(29,660)	1:96:A:VAL:HA	1:116:A:GLN:HE22	2	2.33
(20,2)	1:123:A:CYS:SG	1:127:A:CYS:SG	2	2.33
(18,667)	1:96:A:VAL:HA	1:116:A:GLN:HE22	2	2.33
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	2	2.33
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	2	2.33
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	2	2.33
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	2	2.33
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	3	2.33
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	3	2.33
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	3	2.33
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	3	2.33
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	3	2.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	3	2.33
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	3	2.33
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	3	2.33
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	3	2.33
(13,1846)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	7	2.33
(13,1846)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	7	2.33
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB2	5	2.33
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB3	5	2.33
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB2	5	2.33
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB3	5	2.33
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB2	5	2.33
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB3	5	2.33
(13,1426)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	4	2.33
(13,1426)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	4	2.33
(13,1426)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	4	2.33
(9,1941)	1:10:A:ASN:HD21	1:81:A:GLU:H	5	2.33
(9,1941)	1:10:A:ASN:HD22	1:81:A:GLU:H	5	2.33
(7,2120)	1:43:A:MET:HE1	1:46:A:ASN:HB2	4	2.33
(7,2120)	1:43:A:MET:HE1	1:46:A:ASN:HB3	4	2.33
(7,2120)	1:43:A:MET:HE2	1:46:A:ASN:HB2	4	2.33
(7,2120)	1:43:A:MET:HE2	1:46:A:ASN:HB3	4	2.33
(7,2120)	1:43:A:MET:HE3	1:46:A:ASN:HB2	4	2.33
(7,2120)	1:43:A:MET:HE3	1:46:A:ASN:HB3	4	2.33
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	2	2.33
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	2	2.33
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	2	2.33
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG11	13	2.33
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG12	13	2.33
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG13	13	2.33
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG21	13	2.33
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG22	13	2.33
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG23	13	2.33
(6,979)	1:31:A:PRO:HB2	1:144:A:LEU:HB3	9	2.33
(6,979)	1:31:A:PRO:HB3	1:144:A:LEU:HB3	9	2.33
(5,2120)	1:40:A:LEU:HB2	1:44:A:GLU:HG3	2	2.33
(5,2120)	1:40:A:LEU:HB3	1:44:A:GLU:HG3	2	2.33
(4,2145)	1:43:A:MET:HE1	1:46:A:ASN:HB2	4	2.33
(4,2145)	1:43:A:MET:HE1	1:46:A:ASN:HB3	4	2.33
(4,2145)	1:43:A:MET:HE2	1:46:A:ASN:HB2	4	2.33
(4,2145)	1:43:A:MET:HE2	1:46:A:ASN:HB3	4	2.33
(4,2145)	1:43:A:MET:HE3	1:46:A:ASN:HB2	4	2.33
(4,2145)	1:43:A:MET:HE3	1:46:A:ASN:HB3	4	2.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG11	13	2.33
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG12	13	2.33
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG13	13	2.33
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG21	13	2.33
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG22	13	2.33
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG23	13	2.33
(4,1371)	1:19:A:ALA:HB1	1:132:A:ALA:HA	7	2.33
(4,1371)	1:19:A:ALA:HB2	1:132:A:ALA:HA	7	2.33
(4,1371)	1:19:A:ALA:HB3	1:132:A:ALA:HA	7	2.33
(3,2086)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	6	2.33
(3,2086)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	6	2.33
(3,2086)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	6	2.33
(3,2086)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	6	2.33
(3,1643)	1:22:A:ASP:H	1:24:A:ASP:HA	13	2.33
(3,1643)	1:22:A:ASP:H	1:24:A:ASP:HA	19	2.33
(3,1465)	1:31:A:PRO:HD3	1:143:A:TRP:HA	10	2.33
(2,2077)	1:31:A:PRO:HD2	1:143:A:TRP:HA	17	2.33
(2,2077)	1:31:A:PRO:HD3	1:143:A:TRP:HA	17	2.33
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD11	12	2.33
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD12	12	2.33
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD13	12	2.33
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD21	12	2.33
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD22	12	2.33
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD23	12	2.33
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD11	12	2.33
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD12	12	2.33
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD13	12	2.33
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD21	12	2.33
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD22	12	2.33
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD23	12	2.33
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD11	12	2.33
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD12	12	2.33
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD13	12	2.33
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD21	12	2.33
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD22	12	2.33
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD23	12	2.33
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD11	12	2.33
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD12	12	2.33
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD13	12	2.33
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD21	12	2.33
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD22	12	2.33
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD23	12	2.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD11	12	2.33
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD12	12	2.33
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD13	12	2.33
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD21	12	2.33
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD22	12	2.33
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD23	12	2.33
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD11	12	2.33
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD12	12	2.33
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD13	12	2.33
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD21	12	2.33
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD22	12	2.33
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD23	12	2.33
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG21	18	2.33
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG22	18	2.33
(1,1786)	1:16:A:SER:HA	1:20:A:THR:HG23	18	2.33
(1,662)	1:96:A:VAL:HA	1:116:A:GLN:HE22	2	2.33
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	9	2.32
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	9	2.32
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	9	2.32
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	9	2.32
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	9	2.32
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	9	2.32
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	9	2.32
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	9	2.32
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	9	2.32
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	9	2.32
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	9	2.32
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	9	2.32
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	9	2.32
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	9	2.32
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	9	2.32
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	9	2.32
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	9	2.32
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	9	2.32
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	14	2.32
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	14	2.32
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	14	2.32
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD21	17	2.32
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD22	17	2.32
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD23	17	2.32
(33,1709)	1:14:A:VAL:H	1:79:A:THR:HG21	11	2.32
(33,1709)	1:14:A:VAL:H	1:79:A:THR:HG22	11	2.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1709)	1:14:A:VAL:H	1:79:A:THR:HG23	11	2.32
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB1	14	2.32
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB2	14	2.32
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB3	14	2.32
(19,19)	1:56:A:CYS:SG	1:127:A:CYS:CB	7	2.32
(18,1939)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	5	2.32
(18,1939)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	5	2.32
(18,1939)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	5	2.32
(18,1939)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	5	2.32
(18,988)	1:15:A:ALA:HB1	1:134:A:VAL:HB	13	2.32
(18,988)	1:15:A:ALA:HB2	1:134:A:VAL:HB	13	2.32
(18,988)	1:15:A:ALA:HB3	1:134:A:VAL:HB	13	2.32
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD11	1	2.32
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD12	1	2.32
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD13	1	2.32
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD21	1	2.32
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD22	1	2.32
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD23	1	2.32
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD11	1	2.32
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD12	1	2.32
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD13	1	2.32
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD21	1	2.32
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD22	1	2.32
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD23	1	2.32
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD11	1	2.32
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD12	1	2.32
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD13	1	2.32
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD21	1	2.32
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD22	1	2.32
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD23	1	2.32
(17,1734)	1:14:A:VAL:H	1:79:A:THR:HG21	11	2.32
(17,1734)	1:14:A:VAL:H	1:79:A:THR:HG22	11	2.32
(17,1734)	1:14:A:VAL:H	1:79:A:THR:HG23	11	2.32
(16,2070)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	4	2.32
(16,2070)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	4	2.32
(16,2070)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	4	2.32
(16,2070)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	4	2.32
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD11	16	2.32
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD12	16	2.32
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD13	16	2.32
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD11	16	2.32
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD12	16	2.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD13	16	2.32
(15,979)	1:15:A:ALA:HB1	1:134:A:VAL:HB	13	2.32
(15,979)	1:15:A:ALA:HB2	1:134:A:VAL:HB	13	2.32
(15,979)	1:15:A:ALA:HB3	1:134:A:VAL:HB	13	2.32
(13,1817)	1:9:A:PHE:HZ	1:58:A:ILE:HG13	17	2.32
(13,1687)	1:14:A:VAL:H	1:79:A:THR:HG21	11	2.32
(13,1687)	1:14:A:VAL:H	1:79:A:THR:HG22	11	2.32
(13,1687)	1:14:A:VAL:H	1:79:A:THR:HG23	11	2.32
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG2	12	2.32
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG3	12	2.32
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG2	12	2.32
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG3	12	2.32
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG2	12	2.32
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG3	12	2.32
(11,1968)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	5	2.32
(11,1968)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	5	2.32
(11,1968)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	5	2.32
(11,1968)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	5	2.32
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	10	2.32
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	10	2.32
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	10	2.32
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	10	2.32
(7,1487)	1:43:A:MET:HE1	1:44:A:GLU:HA	18	2.32
(7,1487)	1:43:A:MET:HE2	1:44:A:GLU:HA	18	2.32
(7,1487)	1:43:A:MET:HE3	1:44:A:GLU:HA	18	2.32
(5,1026)	1:112:A:GLN:HG2	1:113:A:PHE:HA	4	2.32
(5,1026)	1:112:A:GLN:HG3	1:113:A:PHE:HA	4	2.32
(5,1026)	1:112:A:GLN:HG2	1:113:A:PHE:HA	16	2.32
(5,1026)	1:112:A:GLN:HG3	1:113:A:PHE:HA	16	2.32
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD11	4	2.32
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD12	4	2.32
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD13	4	2.32
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD21	4	2.32
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD22	4	2.32
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD23	4	2.32
(3,2080)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	10	2.32
(3,2080)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	10	2.32
(3,2080)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	10	2.32
(3,2080)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	10	2.32
(3,2080)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	10	2.32
(3,2080)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	10	2.32
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	10	2.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	10	2.32
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	10	2.32
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	10	2.32
(2,1738)	1:14:A:VAL:H	1:79:A:THR:HG21	11	2.32
(2,1738)	1:14:A:VAL:H	1:79:A:THR:HG22	11	2.32
(2,1738)	1:14:A:VAL:H	1:79:A:THR:HG23	11	2.32
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG21	18	2.32
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG22	18	2.32
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG23	18	2.32
(2,959)	1:11:A:ILE:HG12	1:14:A:VAL:HB	14	2.32
(1,1732)	1:14:A:VAL:H	1:79:A:THR:HG21	11	2.32
(1,1732)	1:14:A:VAL:H	1:79:A:THR:HG22	11	2.32
(1,1732)	1:14:A:VAL:H	1:79:A:THR:HG23	11	2.32
(34,908)	1:10:A:ASN:HD22	1:11:A:ILE:HB	10	2.31
(30,1908)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	11	2.31
(30,1908)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	11	2.31
(30,1908)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	11	2.31
(30,1908)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	11	2.31
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB2	13	2.31
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB2	13	2.31
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB2	13	2.31
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB3	13	2.31
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB3	13	2.31
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB3	13	2.31
(20,6)	1:52:A:CYS:SG	1:56:A:CYS:SG	17	2.31
(19,9)	1:127:A:CYS:SG	1:123:A:CYS:CB	13	2.31
(19,4)	1:123:A:CYS:SG	1:120:A:CYS:CB	18	2.31
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	16	2.31
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	16	2.31
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	16	2.31
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	16	2.31
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	16	2.31
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	16	2.31
(17,1966)	1:10:A:ASN:HD21	1:14:A:VAL:HB	12	2.31
(17,1966)	1:10:A:ASN:HD22	1:14:A:VAL:HB	12	2.31
(16,673)	1:110:A:MET:H	1:111:A:GLU:HG2	4	2.31
(11,843)	1:43:A:MET:HE1	1:144:A:LEU:HB2	13	2.31
(11,843)	1:43:A:MET:HE2	1:144:A:LEU:HB2	13	2.31
(11,843)	1:43:A:MET:HE3	1:144:A:LEU:HB2	13	2.31
(11,843)	1:43:A:MET:HE1	1:144:A:LEU:HB3	13	2.31
(11,843)	1:43:A:MET:HE2	1:144:A:LEU:HB3	13	2.31
(11,843)	1:43:A:MET:HE3	1:144:A:LEU:HB3	13	2.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2471)	1:144:A:LEU:HD11	1:147:A:ARG:HB2	9	2.31
(5,2471)	1:144:A:LEU:HD11	1:147:A:ARG:HB3	9	2.31
(5,2471)	1:144:A:LEU:HD12	1:147:A:ARG:HB2	9	2.31
(5,2471)	1:144:A:LEU:HD12	1:147:A:ARG:HB3	9	2.31
(5,2471)	1:144:A:LEU:HD13	1:147:A:ARG:HB2	9	2.31
(5,2471)	1:144:A:LEU:HD13	1:147:A:ARG:HB3	9	2.31
(5,2471)	1:144:A:LEU:HD21	1:147:A:ARG:HB2	9	2.31
(5,2471)	1:144:A:LEU:HD21	1:147:A:ARG:HB3	9	2.31
(5,2471)	1:144:A:LEU:HD22	1:147:A:ARG:HB2	9	2.31
(5,2471)	1:144:A:LEU:HD22	1:147:A:ARG:HB3	9	2.31
(5,2471)	1:144:A:LEU:HD23	1:147:A:ARG:HB2	9	2.31
(5,2471)	1:144:A:LEU:HD23	1:147:A:ARG:HB3	9	2.31
(5,1026)	1:112:A:GLN:HG2	1:113:A:PHE:HA	9	2.31
(5,1026)	1:112:A:GLN:HG3	1:113:A:PHE:HA	9	2.31
(5,916)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	11	2.31
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE1	12	2.31
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE2	12	2.31
(4,213)	1:44:A:GLU:HG2	1:48:A:ARG:H	19	2.31
(3,1143)	1:31:A:PRO:HD2	1:143:A:TRP:HA	17	2.31
(3,861)	1:43:A:MET:HE1	1:144:A:LEU:HB2	16	2.31
(3,861)	1:43:A:MET:HE2	1:144:A:LEU:HB2	16	2.31
(3,861)	1:43:A:MET:HE3	1:144:A:LEU:HB2	16	2.31
(3,485)	1:145:A:PRO:HB2	1:148:A:CYS:H	17	2.31
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG11	19	2.3
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG12	19	2.3
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG13	19	2.3
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG21	19	2.3
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG22	19	2.3
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG23	19	2.3
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD11	12	2.3
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD12	12	2.3
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD13	12	2.3
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD21	12	2.3
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD22	12	2.3
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD23	12	2.3
(34,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	3	2.3
(34,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	3	2.3
(34,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	3	2.3
(34,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	3	2.3
(34,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	3	2.3
(34,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	3	2.3
(34,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	3	2.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	3	2.3
(34,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	3	2.3
(34,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	3	2.3
(34,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	3	2.3
(34,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	3	2.3
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE1	12	2.3
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE2	12	2.3
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE1	12	2.3
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE2	12	2.3
(32,692)	1:45:A:ALA:HB1	1:48:A:ARG:HE	7	2.3
(32,692)	1:45:A:ALA:HB2	1:48:A:ARG:HE	7	2.3
(32,692)	1:45:A:ALA:HB3	1:48:A:ARG:HE	7	2.3
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD11	14	2.3
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD12	14	2.3
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD13	14	2.3
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD21	14	2.3
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD22	14	2.3
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD23	14	2.3
(29,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	3	2.3
(29,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	3	2.3
(29,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	3	2.3
(29,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	3	2.3
(29,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	3	2.3
(29,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	3	2.3
(29,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	3	2.3
(29,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	3	2.3
(29,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	3	2.3
(29,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	3	2.3
(29,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	3	2.3
(29,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	3	2.3
(20,6)	1:52:A:CYS:SG	1:56:A:CYS:SG	7	2.3
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD11	12	2.3
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD12	12	2.3
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD13	12	2.3
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD21	12	2.3
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD22	12	2.3
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD23	12	2.3
(18,1970)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	3	2.3
(18,1970)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	3	2.3
(18,1970)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	3	2.3
(18,1970)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	3	2.3
(18,1970)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	3	2.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1970)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	3	2.3
(18,1970)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	3	2.3
(18,1970)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	3	2.3
(18,1970)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	3	2.3
(18,1970)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	3	2.3
(18,1970)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	3	2.3
(18,1970)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	3	2.3
(18,774)	1:32:A:GLY:HA2	1:34:A:LYS:H	16	2.3
(17,2069)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	10	2.3
(17,2069)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	10	2.3
(17,2069)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	10	2.3
(17,2069)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	10	2.3
(17,2069)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	10	2.3
(17,2069)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	10	2.3
(17,2069)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	10	2.3
(17,2069)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	10	2.3
(17,2069)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	10	2.3
(17,2069)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	10	2.3
(17,2069)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	10	2.3
(17,2069)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	10	2.3
(17,2069)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	12	2.3
(17,2069)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	12	2.3
(17,2069)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	12	2.3
(17,2069)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	12	2.3
(17,2069)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	12	2.3
(17,2069)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	12	2.3
(17,2069)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	12	2.3
(17,2069)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	12	2.3
(17,2069)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	12	2.3
(17,2069)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	12	2.3
(17,2069)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	12	2.3
(17,2069)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	12	2.3
(17,1129)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	5	2.3
(17,1129)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	5	2.3
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD11	12	2.3
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD12	12	2.3
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD13	12	2.3
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD21	12	2.3
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD22	12	2.3
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD23	12	2.3
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	11	2.3
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	11	2.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	11	2.3
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	11	2.3
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	11	2.3
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	11	2.3
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	11	2.3
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	11	2.3
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	11	2.3
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	11	2.3
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	11	2.3
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	11	2.3
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	11	2.3
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	11	2.3
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	11	2.3
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	11	2.3
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	11	2.3
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	11	2.3
(16,673)	1:110:A:MET:H	1:111:A:GLU:HG2	11	2.3
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	10	2.3
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	10	2.3
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	10	2.3
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	10	2.3
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	10	2.3
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	10	2.3
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	10	2.3
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	10	2.3
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	10	2.3
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	10	2.3
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	10	2.3
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	10	2.3
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD11	12	2.3
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD12	12	2.3
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD13	12	2.3
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD21	12	2.3
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD22	12	2.3
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD23	12	2.3
(13,1931)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	3	2.3
(13,1931)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	3	2.3
(13,1931)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	3	2.3
(13,1931)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	3	2.3
(13,1931)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	3	2.3
(13,1931)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	3	2.3
(13,1931)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	3	2.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1931)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	3	2.3
(13,1931)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	3	2.3
(13,1931)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	3	2.3
(13,1931)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	3	2.3
(13,1931)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	3	2.3
(13,1596)	1:12:A:VAL:HA	1:80:A:TYR:HB3	4	2.3
(13,697)	1:45:A:ALA:HB1	1:48:A:ARG:HE	7	2.3
(13,697)	1:45:A:ALA:HB2	1:48:A:ARG:HE	7	2.3
(13,697)	1:45:A:ALA:HB3	1:48:A:ARG:HE	7	2.3
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	10	2.3
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	10	2.3
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	10	2.3
(9,1505)	1:43:A:MET:HE1	1:46:A:ASN:HB2	7	2.3
(9,1505)	1:43:A:MET:HE2	1:46:A:ASN:HB2	7	2.3
(9,1505)	1:43:A:MET:HE3	1:46:A:ASN:HB2	7	2.3
(9,706)	1:45:A:ALA:HB1	1:48:A:ARG:HE	7	2.3
(9,706)	1:45:A:ALA:HB2	1:48:A:ARG:HE	7	2.3
(9,706)	1:45:A:ALA:HB3	1:48:A:ARG:HE	7	2.3
(6,751)	1:32:A:GLY:HA2	1:34:A:LYS:H	16	2.3
(6,706)	1:45:A:ALA:HB1	1:48:A:ARG:HE	7	2.3
(6,706)	1:45:A:ALA:HB2	1:48:A:ARG:HE	7	2.3
(6,706)	1:45:A:ALA:HB3	1:48:A:ARG:HE	7	2.3
(5,2471)	1:144:A:LEU:HD11	1:147:A:ARG:HB2	15	2.3
(5,2471)	1:144:A:LEU:HD11	1:147:A:ARG:HB3	15	2.3
(5,2471)	1:144:A:LEU:HD12	1:147:A:ARG:HB2	15	2.3
(5,2471)	1:144:A:LEU:HD12	1:147:A:ARG:HB3	15	2.3
(5,2471)	1:144:A:LEU:HD13	1:147:A:ARG:HB2	15	2.3
(5,2471)	1:144:A:LEU:HD13	1:147:A:ARG:HB3	15	2.3
(5,2471)	1:144:A:LEU:HD21	1:147:A:ARG:HB2	15	2.3
(5,2471)	1:144:A:LEU:HD21	1:147:A:ARG:HB3	15	2.3
(5,2471)	1:144:A:LEU:HD22	1:147:A:ARG:HB2	15	2.3
(5,2471)	1:144:A:LEU:HD22	1:147:A:ARG:HB3	15	2.3
(5,2471)	1:144:A:LEU:HD23	1:147:A:ARG:HB2	15	2.3
(5,2471)	1:144:A:LEU:HD23	1:147:A:ARG:HB3	15	2.3
(5,2120)	1:40:A:LEU:HB2	1:44:A:GLU:HG3	5	2.3
(5,2120)	1:40:A:LEU:HB3	1:44:A:GLU:HG3	5	2.3
(5,1123)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	18	2.3
(5,1123)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	18	2.3
(5,1123)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	18	2.3
(5,1123)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	18	2.3
(5,1123)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	18	2.3
(5,1123)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	18	2.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,755)	1:32:A:GLY:HA2	1:34:A:LYS:H	7	2.3
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD11	12	2.3
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD12	12	2.3
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD13	12	2.3
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD21	12	2.3
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD22	12	2.3
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD23	12	2.3
(3,2086)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	4	2.3
(3,2086)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	4	2.3
(3,2086)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	4	2.3
(3,2086)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	4	2.3
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE1	12	2.3
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE2	12	2.3
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE1	12	2.3
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE2	12	2.3
(3,1643)	1:22:A:ASP:H	1:24:A:ASP:HA	2	2.3
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD11	11	2.3
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD12	11	2.3
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD13	11	2.3
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD11	13	2.3
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD12	13	2.3
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD13	13	2.3
(3,719)	1:45:A:ALA:HB1	1:48:A:ARG:HE	7	2.3
(3,719)	1:45:A:ALA:HB2	1:48:A:ARG:HE	7	2.3
(3,719)	1:45:A:ALA:HB3	1:48:A:ARG:HE	7	2.3
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	11	2.3
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	11	2.3
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	11	2.3
(2,1645)	1:12:A:VAL:HA	1:80:A:TYR:HB3	4	2.3
(2,1110)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	5	2.3
(2,1110)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	5	2.3
(1,1638)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	15	2.3
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	3	2.3
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	3	2.3
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	3	2.3
(1,719)	1:45:A:ALA:HB1	1:48:A:ARG:HE	7	2.3
(1,719)	1:45:A:ALA:HB2	1:48:A:ARG:HE	7	2.3
(1,719)	1:45:A:ALA:HB3	1:48:A:ARG:HE	7	2.3
(34,1372)	1:13:A:ALA:H	1:79:A:THR:HG21	11	2.29
(34,1372)	1:13:A:ALA:H	1:79:A:THR:HG22	11	2.29
(34,1372)	1:13:A:ALA:H	1:79:A:THR:HG23	11	2.29
(33,558)	1:10:A:ASN:HD21	1:14:A:VAL:HB	16	2.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2038)	1:31:A:PRO:HD2	1:35:A:LEU:HG	7	2.29
(32,2038)	1:31:A:PRO:HD3	1:35:A:LEU:HG	7	2.29
(32,1321)	1:13:A:ALA:H	1:79:A:THR:HG21	11	2.29
(32,1321)	1:13:A:ALA:H	1:79:A:THR:HG22	11	2.29
(32,1321)	1:13:A:ALA:H	1:79:A:THR:HG23	11	2.29
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD11	3	2.29
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD12	3	2.29
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD13	3	2.29
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD11	3	2.29
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD12	3	2.29
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD13	3	2.29
(30,1350)	1:13:A:ALA:H	1:79:A:THR:HG21	11	2.29
(30,1350)	1:13:A:ALA:H	1:79:A:THR:HG22	11	2.29
(30,1350)	1:13:A:ALA:H	1:79:A:THR:HG23	11	2.29
(30,580)	1:126:A:GLY:H	1:129:A:LYS:HG2	19	2.29
(30,66)	1:33:A:LYS:HB2	1:81:A:GLU:H	12	2.29
(30,66)	1:33:A:LYS:HB3	1:81:A:GLU:H	12	2.29
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD11	1	2.29
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD12	1	2.29
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD13	1	2.29
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD21	1	2.29
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD22	1	2.29
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD23	1	2.29
(29,2035)	1:17:A:ASN:HB2	1:76:A:ARG:HA	1	2.29
(29,2035)	1:17:A:ASN:HB3	1:76:A:ARG:HA	1	2.29
(29,1359)	1:13:A:ALA:H	1:79:A:THR:HG21	11	2.29
(29,1359)	1:13:A:ALA:H	1:79:A:THR:HG22	11	2.29
(29,1359)	1:13:A:ALA:H	1:79:A:THR:HG23	11	2.29
(29,586)	1:126:A:GLY:H	1:129:A:LYS:HG2	19	2.29
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD11	12	2.29
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD12	12	2.29
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD13	12	2.29
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD21	12	2.29
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD22	12	2.29
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD23	12	2.29
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	13	2.29
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	13	2.29
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	13	2.29
(18,1684)	1:43:A:MET:HE1	1:131:A:LEU:HB3	2	2.29
(18,1684)	1:43:A:MET:HE2	1:131:A:LEU:HB3	2	2.29
(18,1684)	1:43:A:MET:HE3	1:131:A:LEU:HB3	2	2.29
(18,1684)	1:43:A:MET:HE1	1:131:A:LEU:HB3	16	2.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1684)	1:43:A:MET:HE2	1:131:A:LEU:HB3	16	2.29
(18,1684)	1:43:A:MET:HE3	1:131:A:LEU:HB3	16	2.29
(18,1345)	1:13:A:ALA:H	1:79:A:THR:HG21	11	2.29
(18,1345)	1:13:A:ALA:H	1:79:A:THR:HG22	11	2.29
(18,1345)	1:13:A:ALA:H	1:79:A:THR:HG23	11	2.29
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	8	2.29
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	8	2.29
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	8	2.29
(18,1026)	1:79:A:THR:HG21	1:81:A:GLU:HB2	18	2.29
(18,1026)	1:79:A:THR:HG22	1:81:A:GLU:HB2	18	2.29
(18,1026)	1:79:A:THR:HG23	1:81:A:GLU:HB2	18	2.29
(17,2027)	1:17:A:ASN:HB2	1:76:A:ARG:HA	1	2.29
(17,2027)	1:17:A:ASN:HB3	1:76:A:ARG:HA	1	2.29
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	13	2.29
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	13	2.29
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	13	2.29
(16,1356)	1:13:A:ALA:H	1:79:A:THR:HG21	11	2.29
(16,1356)	1:13:A:ALA:H	1:79:A:THR:HG22	11	2.29
(16,1356)	1:13:A:ALA:H	1:79:A:THR:HG23	11	2.29
(16,566)	1:10:A:ASN:HD21	1:14:A:VAL:HB	16	2.29
(15,1352)	1:13:A:ALA:H	1:79:A:THR:HG21	11	2.29
(15,1352)	1:13:A:ALA:H	1:79:A:THR:HG22	11	2.29
(15,1352)	1:13:A:ALA:H	1:79:A:THR:HG23	11	2.29
(15,70)	1:33:A:LYS:HB2	1:81:A:GLU:H	12	2.29
(15,70)	1:33:A:LYS:HB3	1:81:A:GLU:H	12	2.29
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	7	2.29
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	7	2.29
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	7	2.29
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	7	2.29
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	7	2.29
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	7	2.29
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	7	2.29
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	7	2.29
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	7	2.29
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	7	2.29
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	7	2.29
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	7	2.29
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG21	19	2.29
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG22	19	2.29
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG23	19	2.29
(13,1612)	1:47:A:ALA:H	1:134:A:VAL:HG11	11	2.29
(13,1612)	1:47:A:ALA:H	1:134:A:VAL:HG12	11	2.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1612)	1:47:A:ALA:H	1:134:A:VAL:HG13	11	2.29
(13,1326)	1:13:A:ALA:H	1:79:A:THR:HG21	11	2.29
(13,1326)	1:13:A:ALA:H	1:79:A:THR:HG22	11	2.29
(13,1326)	1:13:A:ALA:H	1:79:A:THR:HG23	11	2.29
(13,555)	1:10:A:ASN:HD21	1:14:A:VAL:HB	16	2.29
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD2	9	2.29
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD3	9	2.29
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD2	9	2.29
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD3	9	2.29
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD2	9	2.29
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD3	9	2.29
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	11	2.29
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	11	2.29
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	11	2.29
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	11	2.29
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	11	2.29
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	11	2.29
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	18	2.29
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	18	2.29
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	18	2.29
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	18	2.29
(9,1347)	1:13:A:ALA:H	1:79:A:THR:HG21	11	2.29
(9,1347)	1:13:A:ALA:H	1:79:A:THR:HG22	11	2.29
(9,1347)	1:13:A:ALA:H	1:79:A:THR:HG23	11	2.29
(7,1690)	1:21:A:THR:HG21	1:147:A:ARG:HE	10	2.29
(7,1690)	1:21:A:THR:HG22	1:147:A:ARG:HE	10	2.29
(7,1690)	1:21:A:THR:HG23	1:147:A:ARG:HE	10	2.29
(7,560)	1:10:A:ASN:HD21	1:14:A:VAL:HB	16	2.29
(6,2025)	1:17:A:ASN:HB2	1:76:A:ARG:HA	1	2.29
(6,2025)	1:17:A:ASN:HB3	1:76:A:ARG:HA	1	2.29
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	13	2.29
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	13	2.29
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	13	2.29
(6,1350)	1:13:A:ALA:H	1:79:A:THR:HG21	11	2.29
(6,1350)	1:13:A:ALA:H	1:79:A:THR:HG22	11	2.29
(6,1350)	1:13:A:ALA:H	1:79:A:THR:HG23	11	2.29
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	13	2.29
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	13	2.29
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	13	2.29
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG11	11	2.29
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG12	11	2.29
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG13	11	2.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,555)	1:10:A:ASN:HD21	1:14:A:VAL:HB	16	2.29
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD11	12	2.29
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD12	12	2.29
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD13	12	2.29
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD21	12	2.29
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD22	12	2.29
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD23	12	2.29
(4,1336)	1:13:A:ALA:H	1:79:A:THR:HG21	11	2.29
(4,1336)	1:13:A:ALA:H	1:79:A:THR:HG22	11	2.29
(4,1336)	1:13:A:ALA:H	1:79:A:THR:HG23	11	2.29
(3,2042)	1:17:A:ASN:HB2	1:76:A:ARG:HA	1	2.29
(3,2042)	1:17:A:ASN:HB3	1:76:A:ARG:HA	1	2.29
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	18	2.29
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	18	2.29
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	18	2.29
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	18	2.29
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	13	2.29
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	13	2.29
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	13	2.29
(3,992)	1:31:A:PRO:HB2	1:143:A:TRP:HA	9	2.29
(3,992)	1:31:A:PRO:HB3	1:143:A:TRP:HA	9	2.29
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	6	2.29
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	6	2.29
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	6	2.29
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	6	2.29
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	6	2.29
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	6	2.29
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	6	2.29
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	6	2.29
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	6	2.29
(2,1357)	1:13:A:ALA:H	1:79:A:THR:HG21	11	2.29
(2,1357)	1:13:A:ALA:H	1:79:A:THR:HG22	11	2.29
(2,1357)	1:13:A:ALA:H	1:79:A:THR:HG23	11	2.29
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG21	17	2.29
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG22	17	2.29
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG23	17	2.29
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG21	17	2.29
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG22	17	2.29
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG23	17	2.29
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG21	17	2.29
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG22	17	2.29
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG23	17	2.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1355)	1:13:A:ALA:H	1:79:A:THR:HG21	11	2.29
(1,1355)	1:13:A:ALA:H	1:79:A:THR:HG22	11	2.29
(1,1355)	1:13:A:ALA:H	1:79:A:THR:HG23	11	2.29
(1,564)	1:10:A:ASN:HD21	1:14:A:VAL:HB	16	2.29
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	17	2.28
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	17	2.28
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	17	2.28
(33,2500)	1:144:A:LEU:HD11	1:148:A:CYS:H	4	2.28
(33,2500)	1:144:A:LEU:HD12	1:148:A:CYS:H	4	2.28
(33,2500)	1:144:A:LEU:HD13	1:148:A:CYS:H	4	2.28
(33,2500)	1:144:A:LEU:HD21	1:148:A:CYS:H	4	2.28
(33,2500)	1:144:A:LEU:HD22	1:148:A:CYS:H	4	2.28
(33,2500)	1:144:A:LEU:HD23	1:148:A:CYS:H	4	2.28
(33,1640)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	7	2.28
(33,1640)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	7	2.28
(33,1640)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	7	2.28
(33,1640)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	7	2.28
(33,1640)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	7	2.28
(33,1640)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	7	2.28
(33,1640)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	7	2.28
(33,1640)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	7	2.28
(33,1640)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	7	2.28
(33,1634)	1:102:A:PRO:HA	1:105:A:LYS:HD2	18	2.28
(33,1634)	1:102:A:PRO:HA	1:105:A:LYS:HD3	18	2.28
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	13	2.28
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	13	2.28
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	13	2.28
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	13	2.28
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	13	2.28
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	13	2.28
(30,1713)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	17	2.28
(30,1713)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	17	2.28
(30,1713)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	17	2.28
(30,1713)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	17	2.28
(30,1713)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	17	2.28
(30,1713)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	17	2.28
(30,1658)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	12	2.28
(30,1658)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	12	2.28
(30,1658)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	12	2.28
(30,1658)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	12	2.28
(30,1658)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	12	2.28
(30,1658)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	12	2.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1658)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	12	2.28
(30,1658)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	12	2.28
(30,1658)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	12	2.28
(30,482)	1:145:A:PRO:HB2	1:148:A:CYS:H	16	2.28
(29,2445)	1:144:A:LEU:HD11	1:148:A:CYS:H	4	2.28
(29,2445)	1:144:A:LEU:HD12	1:148:A:CYS:H	4	2.28
(29,2445)	1:144:A:LEU:HD13	1:148:A:CYS:H	4	2.28
(29,2445)	1:144:A:LEU:HD21	1:148:A:CYS:H	4	2.28
(29,2445)	1:144:A:LEU:HD22	1:148:A:CYS:H	4	2.28
(29,2445)	1:144:A:LEU:HD23	1:148:A:CYS:H	4	2.28
(29,2064)	1:27:A:ARG:HE	1:30:A:LEU:HD11	10	2.28
(29,2064)	1:27:A:ARG:HE	1:30:A:LEU:HD12	10	2.28
(29,2064)	1:27:A:ARG:HE	1:30:A:LEU:HD13	10	2.28
(29,2064)	1:27:A:ARG:HE	1:30:A:LEU:HD21	10	2.28
(29,2064)	1:27:A:ARG:HE	1:30:A:LEU:HD22	10	2.28
(29,2064)	1:27:A:ARG:HE	1:30:A:LEU:HD23	10	2.28
(29,1349)	1:17:A:ASN:HA	1:76:A:ARG:HA	1	2.28
(20,4)	1:52:A:CYS:SG	1:123:A:CYS:SG	8	2.28
(18,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	7	2.28
(18,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	7	2.28
(18,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	7	2.28
(18,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	7	2.28
(17,2059)	1:27:A:ARG:HE	1:30:A:LEU:HD11	10	2.28
(17,2059)	1:27:A:ARG:HE	1:30:A:LEU:HD12	10	2.28
(17,2059)	1:27:A:ARG:HE	1:30:A:LEU:HD13	10	2.28
(17,2059)	1:27:A:ARG:HE	1:30:A:LEU:HD21	10	2.28
(17,2059)	1:27:A:ARG:HE	1:30:A:LEU:HD22	10	2.28
(17,2059)	1:27:A:ARG:HE	1:30:A:LEU:HD23	10	2.28
(17,60)	1:34:A:LYS:H	1:81:A:GLU:H	6	2.28
(16,2052)	1:27:A:ARG:HE	1:30:A:LEU:HD11	10	2.28
(16,2052)	1:27:A:ARG:HE	1:30:A:LEU:HD12	10	2.28
(16,2052)	1:27:A:ARG:HE	1:30:A:LEU:HD13	10	2.28
(16,2052)	1:27:A:ARG:HE	1:30:A:LEU:HD21	10	2.28
(16,2052)	1:27:A:ARG:HE	1:30:A:LEU:HD22	10	2.28
(16,2052)	1:27:A:ARG:HE	1:30:A:LEU:HD23	10	2.28
(16,1937)	1:10:A:ASN:HD21	1:15:A:ALA:H	14	2.28
(16,1937)	1:10:A:ASN:HD22	1:15:A:ALA:H	14	2.28
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD21	10	2.28
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD22	10	2.28
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD23	10	2.28
(15,1874)	1:18:A:PHE:HE1	1:61:A:SER:H	14	2.28
(15,1874)	1:18:A:PHE:HE2	1:61:A:SER:H	14	2.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,57)	1:34:A:LYS:H	1:81:A:GLU:H	6	2.28
(11,2075)	1:32:A:GLY:HA2	1:81:A:GLU:H	16	2.28
(11,2075)	1:32:A:GLY:HA3	1:81:A:GLU:H	16	2.28
(11,2061)	1:27:A:ARG:HE	1:30:A:LEU:HD11	10	2.28
(11,2061)	1:27:A:ARG:HE	1:30:A:LEU:HD12	10	2.28
(11,2061)	1:27:A:ARG:HE	1:30:A:LEU:HD13	10	2.28
(11,2061)	1:27:A:ARG:HE	1:30:A:LEU:HD21	10	2.28
(11,2061)	1:27:A:ARG:HE	1:30:A:LEU:HD22	10	2.28
(11,2061)	1:27:A:ARG:HE	1:30:A:LEU:HD23	10	2.28
(9,2433)	1:144:A:LEU:HD11	1:148:A:CYS:H	4	2.28
(9,2433)	1:144:A:LEU:HD12	1:148:A:CYS:H	4	2.28
(9,2433)	1:144:A:LEU:HD13	1:148:A:CYS:H	4	2.28
(9,2433)	1:144:A:LEU:HD21	1:148:A:CYS:H	4	2.28
(9,2433)	1:144:A:LEU:HD22	1:148:A:CYS:H	4	2.28
(9,2433)	1:144:A:LEU:HD23	1:148:A:CYS:H	4	2.28
(9,2028)	1:27:A:ARG:HE	1:30:A:LEU:HD11	10	2.28
(9,2028)	1:27:A:ARG:HE	1:30:A:LEU:HD12	10	2.28
(9,2028)	1:27:A:ARG:HE	1:30:A:LEU:HD13	10	2.28
(9,2028)	1:27:A:ARG:HE	1:30:A:LEU:HD21	10	2.28
(9,2028)	1:27:A:ARG:HE	1:30:A:LEU:HD22	10	2.28
(9,2028)	1:27:A:ARG:HE	1:30:A:LEU:HD23	10	2.28
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	19	2.28
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	19	2.28
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	19	2.28
(5,2474)	1:144:A:LEU:HD11	1:148:A:CYS:H	4	2.28
(5,2474)	1:144:A:LEU:HD12	1:148:A:CYS:H	4	2.28
(5,2474)	1:144:A:LEU:HD13	1:148:A:CYS:H	4	2.28
(5,2474)	1:144:A:LEU:HD21	1:148:A:CYS:H	4	2.28
(5,2474)	1:144:A:LEU:HD22	1:148:A:CYS:H	4	2.28
(5,2474)	1:144:A:LEU:HD23	1:148:A:CYS:H	4	2.28
(5,1026)	1:112:A:GLN:HG2	1:113:A:PHE:HA	11	2.28
(5,1026)	1:112:A:GLN:HG3	1:113:A:PHE:HA	11	2.28
(5,1026)	1:112:A:GLN:HG2	1:113:A:PHE:HA	18	2.28
(5,1026)	1:112:A:GLN:HG3	1:113:A:PHE:HA	18	2.28
(4,1867)	1:18:A:PHE:HE1	1:61:A:SER:H	14	2.28
(4,1867)	1:18:A:PHE:HE2	1:61:A:SER:H	14	2.28
(3,2073)	1:27:A:ARG:HE	1:30:A:LEU:HD11	10	2.28
(3,2073)	1:27:A:ARG:HE	1:30:A:LEU:HD12	10	2.28
(3,2073)	1:27:A:ARG:HE	1:30:A:LEU:HD13	10	2.28
(3,2073)	1:27:A:ARG:HE	1:30:A:LEU:HD21	10	2.28
(3,2073)	1:27:A:ARG:HE	1:30:A:LEU:HD22	10	2.28
(3,2073)	1:27:A:ARG:HE	1:30:A:LEU:HD23	10	2.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1933)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	5	2.28
(3,1933)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	5	2.28
(3,1933)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	5	2.28
(3,1933)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	5	2.28
(3,1145)	1:143:A:TRP:HA	1:144:A:LEU:HD21	14	2.28
(3,1145)	1:143:A:TRP:HA	1:144:A:LEU:HD22	14	2.28
(3,1145)	1:143:A:TRP:HA	1:144:A:LEU:HD23	14	2.28
(2,2471)	1:145:A:PRO:HB2	1:148:A:CYS:HB2	2	2.28
(2,2471)	1:145:A:PRO:HB2	1:148:A:CYS:HB3	2	2.28
(2,1727)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	17	2.28
(2,1727)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	17	2.28
(2,1727)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	17	2.28
(2,1727)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	17	2.28
(2,1727)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	17	2.28
(2,1727)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	17	2.28
(34,1729)	1:14:A:VAL:H	1:79:A:THR:HG21	11	2.27
(34,1729)	1:14:A:VAL:H	1:79:A:THR:HG22	11	2.27
(34,1729)	1:14:A:VAL:H	1:79:A:THR:HG23	11	2.27
(34,1633)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	18	2.27
(34,1633)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	18	2.27
(34,1633)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	18	2.27
(34,1633)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	18	2.27
(34,1633)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	18	2.27
(34,1633)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	18	2.27
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	3	2.27
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	3	2.27
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	3	2.27
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	8	2.27
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	8	2.27
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	8	2.27
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	8	2.27
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	8	2.27
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	8	2.27
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	8	2.27
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	8	2.27
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	8	2.27
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	8	2.27
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	8	2.27
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	8	2.27
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	8	2.27
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	8	2.27
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	8	2.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	8	2.27
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	8	2.27
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	8	2.27
(32,1914)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	6	2.27
(32,1914)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	6	2.27
(32,1914)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	6	2.27
(32,1914)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	6	2.27
(32,799)	1:98:A:ILE:HD11	1:101:A:ILE:HB	19	2.27
(32,799)	1:98:A:ILE:HD12	1:101:A:ILE:HB	19	2.27
(32,799)	1:98:A:ILE:HD13	1:101:A:ILE:HB	19	2.27
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD21	3	2.27
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD22	3	2.27
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD23	3	2.27
(29,1739)	1:14:A:VAL:H	1:79:A:THR:HG21	11	2.27
(29,1739)	1:14:A:VAL:H	1:79:A:THR:HG22	11	2.27
(29,1739)	1:14:A:VAL:H	1:79:A:THR:HG23	11	2.27
(19,11)	1:127:A:CYS:SG	1:56:A:CYS:CB	15	2.27
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	10	2.27
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	10	2.27
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	10	2.27
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	10	2.27
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	10	2.27
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	10	2.27
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	10	2.27
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	10	2.27
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	10	2.27
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	10	2.27
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	10	2.27
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	10	2.27
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	3	2.27
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	3	2.27
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	3	2.27
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	3	2.27
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	3	2.27
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	3	2.27
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	3	2.27
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	3	2.27
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	3	2.27
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	3	2.27
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	3	2.27
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	3	2.27
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	11	2.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	11	2.27
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	11	2.27
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	11	2.27
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	11	2.27
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	11	2.27
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	11	2.27
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	11	2.27
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	11	2.27
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	11	2.27
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	11	2.27
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	11	2.27
(18,1643)	1:69:A:MET:HE1	1:116:A:GLN:HG3	11	2.27
(18,1643)	1:69:A:MET:HE2	1:116:A:GLN:HG3	11	2.27
(18,1643)	1:69:A:MET:HE3	1:116:A:GLN:HG3	11	2.27
(18,1046)	1:60:A:LEU:H	1:63:A:ILE:HG13	11	2.27
(17,853)	1:43:A:MET:HE1	1:144:A:LEU:HB3	6	2.27
(17,853)	1:43:A:MET:HE2	1:144:A:LEU:HB3	6	2.27
(17,853)	1:43:A:MET:HE3	1:144:A:LEU:HB3	6	2.27
(17,853)	1:43:A:MET:HE1	1:144:A:LEU:HB2	6	2.27
(17,853)	1:43:A:MET:HE2	1:144:A:LEU:HB2	6	2.27
(17,853)	1:43:A:MET:HE3	1:144:A:LEU:HB2	6	2.27
(13,1934)	1:12:A:VAL:HG11	1:32:A:GLY:HA2	11	2.27
(13,1934)	1:12:A:VAL:HG12	1:32:A:GLY:HA2	11	2.27
(13,1934)	1:12:A:VAL:HG13	1:32:A:GLY:HA2	11	2.27
(13,1934)	1:12:A:VAL:HG21	1:32:A:GLY:HA2	11	2.27
(13,1934)	1:12:A:VAL:HG22	1:32:A:GLY:HA2	11	2.27
(13,1934)	1:12:A:VAL:HG23	1:32:A:GLY:HA2	11	2.27
(11,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	3	2.27
(11,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	3	2.27
(11,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	3	2.27
(11,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	3	2.27
(11,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	3	2.27
(11,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	3	2.27
(11,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	3	2.27
(11,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	3	2.27
(11,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	3	2.27
(11,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	3	2.27
(11,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	3	2.27
(11,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	3	2.27
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	4	2.27
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	4	2.27
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	4	2.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1943)	1:11:A:ILE:HD11	1:18:A:PHE:HZ	13	2.27
(11,1943)	1:11:A:ILE:HD12	1:18:A:PHE:HZ	13	2.27
(11,1943)	1:11:A:ILE:HD13	1:18:A:PHE:HZ	13	2.27
(11,995)	1:102:A:PRO:HA	1:105:A:LYS:HD2	11	2.27
(11,995)	1:102:A:PRO:HA	1:105:A:LYS:HD3	11	2.27
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	19	2.27
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	19	2.27
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	19	2.27
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	19	2.27
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	19	2.27
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	19	2.27
(9,1711)	1:14:A:VAL:H	1:79:A:THR:HG21	11	2.27
(9,1711)	1:14:A:VAL:H	1:79:A:THR:HG22	11	2.27
(9,1711)	1:14:A:VAL:H	1:79:A:THR:HG23	11	2.27
(7,1611)	1:27:A:ARG:HA	1:30:A:LEU:H	16	2.27
(6,1959)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	6	2.27
(6,1959)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	6	2.27
(6,1959)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	6	2.27
(6,1959)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	6	2.27
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD11	16	2.27
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD12	16	2.27
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD13	16	2.27
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD21	16	2.27
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD22	16	2.27
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD23	16	2.27
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD11	16	2.27
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD12	16	2.27
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD13	16	2.27
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD21	16	2.27
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD22	16	2.27
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD23	16	2.27
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD11	16	2.27
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD12	16	2.27
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD13	16	2.27
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD21	16	2.27
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD22	16	2.27
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD23	16	2.27
(5,1743)	1:14:A:VAL:H	1:79:A:THR:HG21	11	2.27
(5,1743)	1:14:A:VAL:H	1:79:A:THR:HG22	11	2.27
(5,1743)	1:14:A:VAL:H	1:79:A:THR:HG23	11	2.27
(5,1206)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	1	2.27
(5,1206)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	1	2.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1206)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	1	2.27
(5,1026)	1:112:A:GLN:HG2	1:113:A:PHE:HA	1	2.27
(5,1026)	1:112:A:GLN:HG3	1:113:A:PHE:HA	1	2.27
(5,1026)	1:112:A:GLN:HG2	1:113:A:PHE:HA	3	2.27
(5,1026)	1:112:A:GLN:HG3	1:113:A:PHE:HA	3	2.27
(5,922)	1:108:A:GLU:HG3	1:112:A:GLN:H	16	2.27
(3,2080)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	11	2.27
(3,2080)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	11	2.27
(3,2080)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	11	2.27
(3,2080)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	11	2.27
(3,2080)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	11	2.27
(3,2080)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	11	2.27
(3,1145)	1:143:A:TRP:HA	1:144:A:LEU:HD21	16	2.27
(3,1145)	1:143:A:TRP:HA	1:144:A:LEU:HD22	16	2.27
(3,1145)	1:143:A:TRP:HA	1:144:A:LEU:HD23	16	2.27
(3,807)	1:11:A:ILE:HD11	1:43:A:MET:HG3	18	2.27
(3,807)	1:11:A:ILE:HD12	1:43:A:MET:HG3	18	2.27
(3,807)	1:11:A:ILE:HD13	1:43:A:MET:HG3	18	2.27
(1,1043)	1:60:A:LEU:H	1:63:A:ILE:HG13	11	2.27
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	11	2.26
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	11	2.26
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	11	2.26
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	11	2.26
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	11	2.26
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	11	2.26
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	11	2.26
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	11	2.26
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	11	2.26
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	11	2.26
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	11	2.26
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	11	2.26
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	11	2.26
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	11	2.26
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	11	2.26
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	11	2.26
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	11	2.26
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	11	2.26
(32,1709)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	18	2.26
(32,1709)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	18	2.26
(32,1707)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	1	2.26
(32,1707)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	1	2.26
(30,1908)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	1	2.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1908)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	1	2.26
(30,1908)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	1	2.26
(30,1908)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	1	2.26
(30,856)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	16	2.26
(30,856)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	16	2.26
(30,686)	1:39:A:VAL:HB	1:144:A:LEU:H	11	2.26
(18,514)	1:101:A:ILE:HG13	1:105:A:LYS:H	4	2.26
(16,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB2	15	2.26
(16,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB2	15	2.26
(16,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB2	15	2.26
(16,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB2	15	2.26
(16,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB2	15	2.26
(16,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB2	15	2.26
(16,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB3	15	2.26
(16,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB3	15	2.26
(16,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB3	15	2.26
(16,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB3	15	2.26
(16,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB3	15	2.26
(16,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB3	15	2.26
(16,944)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	16	2.26
(16,944)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	16	2.26
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	11	2.26
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	11	2.26
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	11	2.26
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	11	2.26
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	11	2.26
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	11	2.26
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	11	2.26
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	11	2.26
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	11	2.26
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	11	2.26
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	11	2.26
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	11	2.26
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	11	2.26
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	11	2.26
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	11	2.26
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	11	2.26
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	11	2.26
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	11	2.26
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG21	19	2.26
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG22	19	2.26
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG23	19	2.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG21	19	2.26
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG22	19	2.26
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG23	19	2.26
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG11	13	2.26
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG12	13	2.26
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG13	13	2.26
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG21	13	2.26
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG22	13	2.26
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG23	13	2.26
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	1	2.26
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	1	2.26
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	1	2.26
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	1	2.26
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	1	2.26
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	1	2.26
(7,1611)	1:27:A:ARG:HA	1:30:A:LEU:H	6	2.26
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	19	2.26
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	19	2.26
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	19	2.26
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD11	15	2.26
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD12	15	2.26
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD13	15	2.26
(6,1980)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	3	2.26
(6,1980)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	3	2.26
(6,1980)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	3	2.26
(6,1980)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	3	2.26
(6,1980)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	3	2.26
(6,1980)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	3	2.26
(6,1980)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	3	2.26
(6,1980)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	3	2.26
(6,1980)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	3	2.26
(6,1980)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	3	2.26
(6,1980)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	3	2.26
(6,1980)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	3	2.26
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	9	2.26
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	9	2.26
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	9	2.26
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	9	2.26
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	9	2.26
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	9	2.26
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	9	2.26
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	9	2.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	9	2.26
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	12	2.26
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	12	2.26
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	12	2.26
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	12	2.26
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	12	2.26
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	12	2.26
(5,1026)	1:112:A:GLN:HG2	1:113:A:PHE:HA	2	2.26
(5,1026)	1:112:A:GLN:HG3	1:113:A:PHE:HA	2	2.26
(5,1026)	1:112:A:GLN:HG2	1:113:A:PHE:HA	13	2.26
(5,1026)	1:112:A:GLN:HG3	1:113:A:PHE:HA	13	2.26
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD21	9	2.26
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD22	9	2.26
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD23	9	2.26
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD11	15	2.26
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD12	15	2.26
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD13	15	2.26
(2,684)	1:39:A:VAL:HB	1:144:A:LEU:H	11	2.26
(1,1076)	1:66:A:THR:HG21	1:95:A:ILE:HA	1	2.26
(1,1076)	1:66:A:THR:HG22	1:95:A:ILE:HA	1	2.26
(1,1076)	1:66:A:THR:HG23	1:95:A:ILE:HA	1	2.26
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG21	14	2.26
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG22	14	2.26
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG23	14	2.26
(1,913)	1:66:A:THR:HG21	1:95:A:ILE:HB	5	2.26
(1,913)	1:66:A:THR:HG22	1:95:A:ILE:HB	5	2.26
(1,913)	1:66:A:THR:HG23	1:95:A:ILE:HB	5	2.26
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD21	18	2.25
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD22	18	2.25
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD23	18	2.25
(34,572)	1:10:A:ASN:HD21	1:11:A:ILE:HB	14	2.25
(33,2497)	1:144:A:LEU:HD11	1:147:A:ARG:HB2	9	2.25
(33,2497)	1:144:A:LEU:HD11	1:147:A:ARG:HB3	9	2.25
(33,2497)	1:144:A:LEU:HD12	1:147:A:ARG:HB2	9	2.25
(33,2497)	1:144:A:LEU:HD12	1:147:A:ARG:HB3	9	2.25
(33,2497)	1:144:A:LEU:HD13	1:147:A:ARG:HB2	9	2.25
(33,2497)	1:144:A:LEU:HD13	1:147:A:ARG:HB3	9	2.25
(33,2497)	1:144:A:LEU:HD21	1:147:A:ARG:HB2	9	2.25
(33,2497)	1:144:A:LEU:HD21	1:147:A:ARG:HB3	9	2.25
(33,2497)	1:144:A:LEU:HD22	1:147:A:ARG:HB2	9	2.25
(33,2497)	1:144:A:LEU:HD22	1:147:A:ARG:HB3	9	2.25
(33,2497)	1:144:A:LEU:HD23	1:147:A:ARG:HB2	9	2.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2497)	1:144:A:LEU:HD23	1:147:A:ARG:HB3	9	2.25
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB1	12	2.25
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB2	12	2.25
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB3	12	2.25
(19,3)	1:120:A:CYS:SG	1:123:A:CYS:CB	6	2.25
(18,1947)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	7	2.25
(18,1947)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	7	2.25
(18,1947)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	7	2.25
(18,1947)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	7	2.25
(18,1682)	1:43:A:MET:HE1	1:131:A:LEU:HA	4	2.25
(18,1682)	1:43:A:MET:HE2	1:131:A:LEU:HA	4	2.25
(18,1682)	1:43:A:MET:HE3	1:131:A:LEU:HA	4	2.25
(18,514)	1:101:A:ILE:HG13	1:105:A:LYS:H	13	2.25
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG11	12	2.25
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG12	12	2.25
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG13	12	2.25
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG21	12	2.25
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG22	12	2.25
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG23	12	2.25
(16,1899)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	11	2.25
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG21	3	2.25
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG22	3	2.25
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG23	3	2.25
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG21	3	2.25
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG22	3	2.25
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG23	3	2.25
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	12	2.25
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	12	2.25
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	12	2.25
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	12	2.25
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	12	2.25
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	12	2.25
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	12	2.25
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	12	2.25
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	12	2.25
(11,1967)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	7	2.25
(11,1967)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	7	2.25
(11,1967)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	7	2.25
(11,1967)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	7	2.25
(9,1942)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	7	2.25
(9,1942)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	7	2.25
(9,1942)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	7	2.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1942)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	7	2.25
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB1	12	2.25
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB2	12	2.25
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB3	12	2.25
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD21	6	2.25
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD22	6	2.25
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD23	6	2.25
(5,1663)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	9	2.25
(5,1663)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	9	2.25
(5,1663)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	9	2.25
(5,1663)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	9	2.25
(5,1663)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	9	2.25
(5,1663)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	9	2.25
(5,1026)	1:112:A:GLN:HG2	1:113:A:PHE:HA	12	2.25
(5,1026)	1:112:A:GLN:HG3	1:113:A:PHE:HA	12	2.25
(5,52)	1:47:A:ALA:H	1:134:A:VAL:HG11	15	2.25
(5,52)	1:47:A:ALA:H	1:134:A:VAL:HG12	15	2.25
(5,52)	1:47:A:ALA:H	1:134:A:VAL:HG13	15	2.25
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD11	1	2.25
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD12	1	2.25
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD13	1	2.25
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD21	1	2.25
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD22	1	2.25
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD23	1	2.25
(3,1975)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	7	2.25
(3,1975)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	7	2.25
(3,1975)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	7	2.25
(3,1975)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	7	2.25
(3,1679)	1:134:A:VAL:HG11	1:137:A:SER:H	13	2.25
(3,1679)	1:134:A:VAL:HG12	1:137:A:SER:H	13	2.25
(3,1679)	1:134:A:VAL:HG13	1:137:A:SER:H	13	2.25
(3,1122)	1:31:A:PRO:HG2	1:143:A:TRP:HA	5	2.25
(3,1122)	1:31:A:PRO:HG3	1:143:A:TRP:HA	5	2.25
(3,1010)	1:35:A:LEU:HG	1:143:A:TRP:HB3	2	2.25
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG11	18	2.25
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG12	18	2.25
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG13	18	2.25
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG21	18	2.25
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG22	18	2.25
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG23	18	2.25
(1,1881)	1:9:A:PHE:HE1	1:14:A:VAL:HB	14	2.25
(1,1881)	1:9:A:PHE:HE2	1:14:A:VAL:HB	14	2.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1158)	1:39:A:VAL:HB	1:139:A:LEU:HA	4	2.25
(1,915)	1:67:A:PRO:HD3	1:95:A:ILE:HB	9	2.25
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	6	2.24
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	6	2.24
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	6	2.24
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	6	2.24
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	6	2.24
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	6	2.24
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	6	2.24
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	6	2.24
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	6	2.24
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	6	2.24
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	6	2.24
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	6	2.24
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	6	2.24
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	6	2.24
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	6	2.24
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	6	2.24
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	6	2.24
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	6	2.24
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	11	2.24
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	11	2.24
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	11	2.24
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	11	2.24
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	11	2.24
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	11	2.24
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	11	2.24
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	11	2.24
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	11	2.24
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	11	2.24
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	11	2.24
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	11	2.24
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	11	2.24
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	11	2.24
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	11	2.24
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	11	2.24
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	11	2.24
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	11	2.24
(34,1903)	1:18:A:PHE:HE1	1:57:A:LEU:HG	16	2.24
(34,1903)	1:18:A:PHE:HE2	1:57:A:LEU:HG	16	2.24
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE1	17	2.24
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE2	17	2.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE3	17	2.24
(34,1202)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	3	2.24
(34,1202)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	3	2.24
(34,1202)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	3	2.24
(33,2497)	1:144:A:LEU:HD11	1:147:A:ARG:HB2	15	2.24
(33,2497)	1:144:A:LEU:HD11	1:147:A:ARG:HB3	15	2.24
(33,2497)	1:144:A:LEU:HD12	1:147:A:ARG:HB2	15	2.24
(33,2497)	1:144:A:LEU:HD12	1:147:A:ARG:HB3	15	2.24
(33,2497)	1:144:A:LEU:HD13	1:147:A:ARG:HB2	15	2.24
(33,2497)	1:144:A:LEU:HD13	1:147:A:ARG:HB3	15	2.24
(33,2497)	1:144:A:LEU:HD21	1:147:A:ARG:HB2	15	2.24
(33,2497)	1:144:A:LEU:HD21	1:147:A:ARG:HB3	15	2.24
(33,2497)	1:144:A:LEU:HD22	1:147:A:ARG:HB2	15	2.24
(33,2497)	1:144:A:LEU:HD22	1:147:A:ARG:HB3	15	2.24
(33,2497)	1:144:A:LEU:HD23	1:147:A:ARG:HB2	15	2.24
(33,2497)	1:144:A:LEU:HD23	1:147:A:ARG:HB3	15	2.24
(33,1968)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	6	2.24
(33,1968)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	6	2.24
(33,1968)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	6	2.24
(33,1968)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	6	2.24
(33,1968)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	6	2.24
(33,1968)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	6	2.24
(33,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	10	2.24
(33,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	10	2.24
(33,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	10	2.24
(33,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	12	2.24
(33,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	12	2.24
(33,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	12	2.24
(33,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	12	2.24
(33,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	12	2.24
(33,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	12	2.24
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD21	13	2.24
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD22	13	2.24
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD23	13	2.24
(32,1665)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	1	2.24
(32,1665)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	1	2.24
(32,1665)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	1	2.24
(32,1585)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	10	2.24
(32,1585)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	10	2.24
(32,1585)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	10	2.24
(32,1316)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	12	2.24
(32,1316)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	12	2.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1316)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	12	2.24
(32,1316)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	12	2.24
(32,1316)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	12	2.24
(32,1316)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	12	2.24
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD21	13	2.24
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD22	13	2.24
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD23	13	2.24
(30,1715)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	1	2.24
(30,1715)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	1	2.24
(30,1715)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	1	2.24
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB1	2	2.24
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB2	2	2.24
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB3	2	2.24
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD11	3	2.24
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD12	3	2.24
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD13	3	2.24
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD21	3	2.24
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD22	3	2.24
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD23	3	2.24
(29,1353)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	12	2.24
(29,1353)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	12	2.24
(29,1353)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	12	2.24
(29,1353)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	12	2.24
(29,1353)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	12	2.24
(29,1353)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	12	2.24
(29,263)	1:27:A:ARG:HB3	1:29:A:LYS:H	9	2.24
(20,6)	1:52:A:CYS:SG	1:56:A:CYS:SG	10	2.24
(18,1886)	1:18:A:PHE:HE1	1:128:A:LEU:HG	9	2.24
(18,1886)	1:18:A:PHE:HE2	1:128:A:LEU:HG	9	2.24
(18,1695)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	1	2.24
(18,1695)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	1	2.24
(18,1695)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	1	2.24
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	9	2.24
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	9	2.24
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	9	2.24
(18,1183)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	3	2.24
(18,1183)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	3	2.24
(18,1183)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	3	2.24
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB1	2	2.24
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB2	2	2.24
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB3	2	2.24
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG11	15	2.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG12	15	2.24
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG13	15	2.24
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG21	15	2.24
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG22	15	2.24
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG23	15	2.24
(17,1723)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	1	2.24
(17,1723)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	1	2.24
(17,1723)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	1	2.24
(17,1361)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	12	2.24
(17,1361)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	12	2.24
(17,1361)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	12	2.24
(17,1361)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	12	2.24
(17,1361)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	12	2.24
(17,1361)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	12	2.24
(17,1112)	1:31:A:PRO:HG2	1:143:A:TRP:HA	5	2.24
(17,1112)	1:31:A:PRO:HG3	1:143:A:TRP:HA	5	2.24
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD11	5	2.24
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD12	5	2.24
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD13	5	2.24
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD21	5	2.24
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD22	5	2.24
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD23	5	2.24
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD11	5	2.24
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD12	5	2.24
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD13	5	2.24
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD21	5	2.24
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD22	5	2.24
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD23	5	2.24
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD11	5	2.24
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD12	5	2.24
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD13	5	2.24
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD21	5	2.24
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD22	5	2.24
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD23	5	2.24
(16,1963)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	6	2.24
(16,1963)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	6	2.24
(16,1963)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	6	2.24
(16,1963)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	6	2.24
(16,1963)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	6	2.24
(16,1963)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	6	2.24
(16,1533)	1:69:A:MET:HE1	1:76:A:ARG:HB2	14	2.24
(16,1533)	1:69:A:MET:HE2	1:76:A:ARG:HB2	14	2.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1533)	1:69:A:MET:HE3	1:76:A:ARG:HB2	14	2.24
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD21	13	2.24
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD22	13	2.24
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD23	13	2.24
(16,673)	1:110:A:MET:H	1:111:A:GLU:HG2	6	2.24
(15,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	12	2.24
(15,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	12	2.24
(15,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	12	2.24
(15,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	12	2.24
(15,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	12	2.24
(15,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	12	2.24
(13,1853)	1:18:A:PHE:HE1	1:128:A:LEU:HG	9	2.24
(13,1853)	1:18:A:PHE:HE2	1:128:A:LEU:HG	9	2.24
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	8	2.24
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	8	2.24
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	8	2.24
(13,1152)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	3	2.24
(13,1152)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	3	2.24
(13,1152)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	3	2.24
(13,857)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	11	2.24
(13,857)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	11	2.24
(13,262)	1:27:A:ARG:HB3	1:29:A:LYS:H	9	2.24
(9,269)	1:27:A:ARG:HB3	1:29:A:LYS:H	9	2.24
(7,1611)	1:27:A:ARG:HA	1:30:A:LEU:H	18	2.24
(7,1327)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	12	2.24
(7,1327)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	12	2.24
(7,1327)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	12	2.24
(7,1327)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	12	2.24
(7,1327)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	12	2.24
(7,1327)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	12	2.24
(7,971)	1:12:A:VAL:HB	1:40:A:LEU:H	14	2.24
(6,1982)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	6	2.24
(6,1982)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	6	2.24
(6,1982)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	6	2.24
(6,1982)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	6	2.24
(6,1982)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	6	2.24
(6,1982)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	6	2.24
(6,1711)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	1	2.24
(6,1711)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	1	2.24
(6,1711)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	1	2.24
(5,1732)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	1	2.24
(5,1732)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	1	2.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1732)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	1	2.24
(5,1026)	1:112:A:GLN:HG2	1:113:A:PHE:HA	6	2.24
(5,1026)	1:112:A:GLN:HG3	1:113:A:PHE:HA	6	2.24
(5,1026)	1:112:A:GLN:HG2	1:113:A:PHE:HA	15	2.24
(5,1026)	1:112:A:GLN:HG3	1:113:A:PHE:HA	15	2.24
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD11	5	2.24
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD12	5	2.24
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD13	5	2.24
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD21	5	2.24
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD22	5	2.24
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD23	5	2.24
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD11	5	2.24
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD12	5	2.24
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD13	5	2.24
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD21	5	2.24
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD22	5	2.24
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD23	5	2.24
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD11	5	2.24
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD12	5	2.24
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD13	5	2.24
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD21	5	2.24
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD22	5	2.24
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD23	5	2.24
(4,1371)	1:19:A:ALA:HB1	1:132:A:ALA:HA	2	2.24
(4,1371)	1:19:A:ALA:HB2	1:132:A:ALA:HA	2	2.24
(4,1371)	1:19:A:ALA:HB3	1:132:A:ALA:HA	2	2.24
(4,1329)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	12	2.24
(4,1329)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	12	2.24
(4,1329)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	12	2.24
(4,1329)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	12	2.24
(4,1329)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	12	2.24
(4,1329)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	12	2.24
(4,213)	1:44:A:GLU:HG2	1:48:A:ARG:H	13	2.24
(3,1741)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	1	2.24
(3,1741)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	1	2.24
(3,1741)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	1	2.24
(3,1653)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	10	2.24
(3,1653)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	10	2.24
(3,1653)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	10	2.24
(3,1643)	1:22:A:ASP:H	1:24:A:ASP:HA	16	2.24
(3,262)	1:27:A:ARG:HB3	1:29:A:LYS:H	9	2.24
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG11	4	2.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG12	4	2.24
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG13	4	2.24
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG21	4	2.24
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG22	4	2.24
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG23	4	2.24
(2,1922)	1:18:A:PHE:HE1	1:57:A:LEU:HG	16	2.24
(2,1922)	1:18:A:PHE:HE2	1:57:A:LEU:HG	16	2.24
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG21	15	2.24
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG22	15	2.24
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG23	15	2.24
(2,1638)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	10	2.24
(2,1638)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	10	2.24
(2,1638)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	10	2.24
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	10	2.24
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	10	2.24
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	10	2.24
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	10	2.24
(1,1638)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	14	2.24
(1,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	12	2.24
(1,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	12	2.24
(1,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	12	2.24
(1,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	12	2.24
(1,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	12	2.24
(1,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	12	2.24
(1,648)	1:66:A:THR:H	1:96:A:VAL:H	12	2.24
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	17	2.23
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	17	2.23
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	17	2.23
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	17	2.23
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	17	2.23
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	17	2.23
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	17	2.23
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	17	2.23
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	17	2.23
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	17	2.23
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	17	2.23
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	17	2.23
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	17	2.23
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	17	2.23
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	17	2.23
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	17	2.23
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	17	2.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	17	2.23
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD11	8	2.23
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD12	8	2.23
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD13	8	2.23
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD21	8	2.23
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD22	8	2.23
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD23	8	2.23
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	8	2.23
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	8	2.23
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	8	2.23
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	8	2.23
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	8	2.23
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	8	2.23
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	8	2.23
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	8	2.23
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	8	2.23
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	8	2.23
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	8	2.23
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	8	2.23
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	8	2.23
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	8	2.23
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	8	2.23
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	8	2.23
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	8	2.23
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	8	2.23
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	10	2.23
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	10	2.23
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	10	2.23
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	10	2.23
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	10	2.23
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	10	2.23
(34,1655)	1:31:A:PRO:HD3	1:140:A:LEU:HA	11	2.23
(34,913)	1:67:A:PRO:HD3	1:95:A:ILE:HB	1	2.23
(34,572)	1:10:A:ASN:HD21	1:11:A:ILE:HB	7	2.23
(34,572)	1:10:A:ASN:HD21	1:11:A:ILE:HB	8	2.23
(33,1616)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	2	2.23
(33,1616)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	2	2.23
(33,1388)	1:19:A:ALA:HB1	1:132:A:ALA:HA	6	2.23
(33,1388)	1:19:A:ALA:HB2	1:132:A:ALA:HA	6	2.23
(33,1388)	1:19:A:ALA:HB3	1:132:A:ALA:HA	6	2.23
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	8	2.23
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	8	2.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	8	2.23
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	8	2.23
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	8	2.23
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	8	2.23
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	8	2.23
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	8	2.23
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	8	2.23
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	8	2.23
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	8	2.23
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	8	2.23
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	8	2.23
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	8	2.23
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	8	2.23
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	8	2.23
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	8	2.23
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	8	2.23
(32,1418)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	6	2.23
(32,1418)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	6	2.23
(30,1713)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	10	2.23
(30,1713)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	10	2.23
(30,1713)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	10	2.23
(30,1713)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	10	2.23
(30,1713)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	10	2.23
(30,1713)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	10	2.23
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	13	2.23
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	13	2.23
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	13	2.23
(30,1059)	1:54:A:ARG:HA	1:58:A:ILE:HG13	17	2.23
(30,888)	1:67:A:PRO:HD3	1:95:A:ILE:HB	1	2.23
(30,687)	1:145:A:PRO:HB3	1:148:A:CYS:H	15	2.23
(30,686)	1:39:A:VAL:HB	1:144:A:LEU:H	5	2.23
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	13	2.23
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	13	2.23
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	13	2.23
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD11	8	2.23
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD12	8	2.23
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD13	8	2.23
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD21	8	2.23
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD22	8	2.23
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD23	8	2.23
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	8	2.23
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	8	2.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	8	2.23
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	8	2.23
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	8	2.23
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	8	2.23
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	8	2.23
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	8	2.23
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	8	2.23
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	8	2.23
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	8	2.23
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	8	2.23
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	8	2.23
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	8	2.23
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	8	2.23
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	8	2.23
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	8	2.23
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	8	2.23
(18,1696)	1:67:A:PRO:HD2	1:95:A:ILE:HA	12	2.23
(18,1696)	1:67:A:PRO:HD2	1:95:A:ILE:HA	13	2.23
(18,1629)	1:31:A:PRO:HD3	1:140:A:LEU:HA	11	2.23
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	3	2.23
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	3	2.23
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	3	2.23
(17,1754)	1:31:A:PRO:HB2	1:35:A:LEU:HA	13	2.23
(17,1754)	1:31:A:PRO:HB3	1:35:A:LEU:HA	13	2.23
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD11	8	2.23
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD12	8	2.23
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD13	8	2.23
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD21	8	2.23
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD22	8	2.23
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD23	8	2.23
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	8	2.23
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	8	2.23
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	8	2.23
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	8	2.23
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	8	2.23
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	8	2.23
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	8	2.23
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	8	2.23
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	8	2.23
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	8	2.23
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	8	2.23
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	8	2.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	8	2.23
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	8	2.23
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	8	2.23
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	8	2.23
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	8	2.23
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	8	2.23
(16,1613)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	2	2.23
(16,1613)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	2	2.23
(16,54)	1:47:A:ALA:H	1:134:A:VAL:HG11	15	2.23
(16,54)	1:47:A:ALA:H	1:134:A:VAL:HG12	15	2.23
(16,54)	1:47:A:ALA:H	1:134:A:VAL:HG13	15	2.23
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	18	2.23
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	18	2.23
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	18	2.23
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	18	2.23
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	18	2.23
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	18	2.23
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	18	2.23
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	18	2.23
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	18	2.23
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	18	2.23
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	18	2.23
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	18	2.23
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD11	8	2.23
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD12	8	2.23
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD13	8	2.23
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD21	8	2.23
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD22	8	2.23
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD23	8	2.23
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	8	2.23
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	8	2.23
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	8	2.23
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	8	2.23
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	8	2.23
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	8	2.23
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	8	2.23
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	8	2.23
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	8	2.23
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	8	2.23
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	8	2.23
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	8	2.23
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	8	2.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	8	2.23
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	8	2.23
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	8	2.23
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	8	2.23
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	8	2.23
(13,85)	1:30:A:LEU:H	1:144:A:LEU:HA	18	2.23
(11,1657)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	2	2.23
(11,1657)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	2	2.23
(7,1611)	1:27:A:ARG:HA	1:30:A:LEU:H	7	2.23
(7,835)	1:43:A:MET:HE1	1:131:A:LEU:HB3	4	2.23
(7,835)	1:43:A:MET:HE2	1:131:A:LEU:HB3	4	2.23
(7,835)	1:43:A:MET:HE3	1:131:A:LEU:HB3	4	2.23
(7,28)	1:13:A:ALA:H	1:40:A:LEU:HD11	14	2.23
(7,28)	1:13:A:ALA:H	1:40:A:LEU:HD12	14	2.23
(7,28)	1:13:A:ALA:H	1:40:A:LEU:HD13	14	2.23
(5,1026)	1:112:A:GLN:HG2	1:113:A:PHE:HA	14	2.23
(5,1026)	1:112:A:GLN:HG3	1:113:A:PHE:HA	14	2.23
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD11	8	2.23
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD12	8	2.23
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD13	8	2.23
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD21	8	2.23
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD22	8	2.23
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD23	8	2.23
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	8	2.23
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	8	2.23
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	8	2.23
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	8	2.23
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	8	2.23
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	8	2.23
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	8	2.23
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	8	2.23
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	8	2.23
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	8	2.23
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	8	2.23
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	8	2.23
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	8	2.23
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	8	2.23
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	8	2.23
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	8	2.23
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	8	2.23
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	8	2.23
(4,1545)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	1	2.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1545)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	1	2.23
(4,1545)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	1	2.23
(4,1371)	1:19:A:ALA:HB1	1:132:A:ALA:HA	11	2.23
(4,1371)	1:19:A:ALA:HB2	1:132:A:ALA:HA	11	2.23
(4,1371)	1:19:A:ALA:HB3	1:132:A:ALA:HA	11	2.23
(3,1656)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	2	2.23
(3,1656)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	2	2.23
(3,1010)	1:35:A:LEU:HG	1:143:A:TRP:HB3	19	2.23
(3,811)	1:11:A:ILE:HD11	1:43:A:MET:HG2	15	2.23
(3,811)	1:11:A:ILE:HD12	1:43:A:MET:HG2	15	2.23
(3,811)	1:11:A:ILE:HD13	1:43:A:MET:HG2	15	2.23
(3,692)	1:145:A:PRO:HB3	1:148:A:CYS:H	15	2.23
(2,1756)	1:31:A:PRO:HB2	1:35:A:LEU:HA	13	2.23
(2,1756)	1:31:A:PRO:HB3	1:35:A:LEU:HA	13	2.23
(2,1727)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	10	2.23
(2,1727)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	10	2.23
(2,1727)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	10	2.23
(2,1727)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	10	2.23
(2,1727)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	10	2.23
(2,1727)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	10	2.23
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG21	12	2.23
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG22	12	2.23
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG23	12	2.23
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD21	6	2.23
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD22	6	2.23
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD23	6	2.23
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD21	6	2.23
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD22	6	2.23
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD23	6	2.23
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD21	6	2.23
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD22	6	2.23
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD23	6	2.23
(2,684)	1:39:A:VAL:HB	1:144:A:LEU:H	5	2.23
(1,1385)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	4	2.23
(1,1385)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	4	2.23
(1,1385)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	4	2.23
(34,1973)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	18	2.22
(34,1973)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	18	2.22
(34,1973)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	18	2.22
(34,1973)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	18	2.22
(34,1973)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	18	2.22
(34,1973)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	18	2.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE1	15	2.22
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE2	15	2.22
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE3	15	2.22
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	3	2.22
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	3	2.22
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	3	2.22
(34,842)	1:48:A:ARG:HD2	1:49:A:LYS:HA	12	2.22
(34,842)	1:48:A:ARG:HD3	1:49:A:LYS:HA	12	2.22
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD11	18	2.22
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD12	18	2.22
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD13	18	2.22
(33,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB2	15	2.22
(33,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB2	15	2.22
(33,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB2	15	2.22
(33,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB2	15	2.22
(33,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB2	15	2.22
(33,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB2	15	2.22
(33,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB3	15	2.22
(33,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB3	15	2.22
(33,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB3	15	2.22
(33,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB3	15	2.22
(33,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB3	15	2.22
(33,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB3	15	2.22
(33,1627)	1:27:A:ARG:HA	1:30:A:LEU:H	10	2.22
(32,2488)	1:144:A:LEU:HD11	1:146:A:GLN:HE21	11	2.22
(32,2488)	1:144:A:LEU:HD11	1:146:A:GLN:HE22	11	2.22
(32,2488)	1:144:A:LEU:HD12	1:146:A:GLN:HE21	11	2.22
(32,2488)	1:144:A:LEU:HD12	1:146:A:GLN:HE22	11	2.22
(32,2488)	1:144:A:LEU:HD13	1:146:A:GLN:HE21	11	2.22
(32,2488)	1:144:A:LEU:HD13	1:146:A:GLN:HE22	11	2.22
(32,2488)	1:144:A:LEU:HD21	1:146:A:GLN:HE21	11	2.22
(32,2488)	1:144:A:LEU:HD21	1:146:A:GLN:HE22	11	2.22
(32,2488)	1:144:A:LEU:HD22	1:146:A:GLN:HE21	11	2.22
(32,2488)	1:144:A:LEU:HD22	1:146:A:GLN:HE22	11	2.22
(32,2488)	1:144:A:LEU:HD23	1:146:A:GLN:HE21	11	2.22
(32,2488)	1:144:A:LEU:HD23	1:146:A:GLN:HE22	11	2.22
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE1	6	2.22
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE2	6	2.22
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE1	6	2.22
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE2	6	2.22
(30,59)	1:34:A:LYS:H	1:81:A:GLU:H	1	2.22
(29,1993)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	18	2.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1993)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	18	2.22
(29,1993)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	18	2.22
(29,1993)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	18	2.22
(29,1993)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	18	2.22
(29,1993)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	18	2.22
(29,977)	1:141:A:LYS:HB2	1:149:A:ALA:HA	15	2.22
(29,977)	1:141:A:LYS:HB3	1:149:A:ALA:HA	15	2.22
(18,1972)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	18	2.22
(18,1972)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	18	2.22
(18,1972)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	18	2.22
(18,1972)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	18	2.22
(18,1972)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	18	2.22
(18,1972)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	18	2.22
(18,1376)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	4	2.22
(18,1376)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	4	2.22
(18,1376)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	4	2.22
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	12	2.22
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	12	2.22
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	12	2.22
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	12	2.22
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	12	2.22
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	12	2.22
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	12	2.22
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	12	2.22
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	12	2.22
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD2	7	2.22
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD3	7	2.22
(15,63)	1:34:A:LYS:H	1:81:A:GLU:H	1	2.22
(13,1933)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	18	2.22
(13,1933)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	18	2.22
(13,1933)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	18	2.22
(13,1933)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	18	2.22
(13,1933)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	18	2.22
(13,1933)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	18	2.22
(11,1994)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	18	2.22
(11,1994)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	18	2.22
(11,1994)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	18	2.22
(11,1994)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	18	2.22
(11,1994)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	18	2.22
(11,1994)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	18	2.22
(11,64)	1:34:A:LYS:H	1:81:A:GLU:H	1	2.22
(9,1749)	1:39:A:VAL:HB	1:139:A:LEU:HA	2	2.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	8	2.22
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	8	2.22
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	8	2.22
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	8	2.22
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	8	2.22
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	8	2.22
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	8	2.22
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	8	2.22
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	8	2.22
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	8	2.22
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	8	2.22
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	8	2.22
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	17	2.22
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	17	2.22
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	17	2.22
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	17	2.22
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	17	2.22
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	17	2.22
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	17	2.22
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	17	2.22
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	17	2.22
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	17	2.22
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	17	2.22
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	17	2.22
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD2	7	2.22
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD3	7	2.22
(5,922)	1:108:A:GLU:HG3	1:112:A:GLN:H	1	2.22
(4,2007)	1:17:A:ASN:HB2	1:76:A:ARG:HD2	12	2.22
(4,2007)	1:17:A:ASN:HB2	1:76:A:ARG:HD3	12	2.22
(4,2007)	1:17:A:ASN:HB3	1:76:A:ARG:HD2	12	2.22
(4,2007)	1:17:A:ASN:HB3	1:76:A:ARG:HD3	12	2.22
(4,1960)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	18	2.22
(4,1960)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	18	2.22
(4,1960)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	18	2.22
(4,1960)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	18	2.22
(4,1960)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	18	2.22
(4,1960)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	18	2.22
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	13	2.22
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	13	2.22
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	13	2.22
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD21	13	2.22
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD22	13	2.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD23	13	2.22
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD21	10	2.22
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD22	10	2.22
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD23	10	2.22
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE1	6	2.22
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE2	6	2.22
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE1	6	2.22
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE2	6	2.22
(3,1997)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	18	2.22
(3,1997)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	18	2.22
(3,1997)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	18	2.22
(3,1997)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	18	2.22
(3,1997)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	18	2.22
(3,1997)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	18	2.22
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG2	15	2.22
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG3	15	2.22
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG2	15	2.22
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG3	15	2.22
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG2	15	2.22
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG3	15	2.22
(3,1643)	1:22:A:ASP:H	1:24:A:ASP:HA	9	2.22
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD21	15	2.22
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD22	15	2.22
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD23	15	2.22
(3,992)	1:31:A:PRO:HB2	1:143:A:TRP:HA	5	2.22
(3,992)	1:31:A:PRO:HB3	1:143:A:TRP:HA	5	2.22
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	18	2.22
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	18	2.22
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	17	2.22
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	17	2.22
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	17	2.22
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	17	2.22
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	17	2.22
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	17	2.22
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG21	3	2.22
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG22	3	2.22
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG23	3	2.22
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG21	3	2.22
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG22	3	2.22
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG23	3	2.22
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG21	3	2.22
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG22	3	2.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG23	3	2.22
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	16	2.22
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	16	2.22
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	16	2.22
(1,648)	1:66:A:THR:H	1:96:A:VAL:H	5	2.22
(1,567)	1:10:A:ASN:HD21	1:12:A:VAL:HG21	5	2.22
(1,567)	1:10:A:ASN:HD21	1:12:A:VAL:HG22	5	2.22
(1,567)	1:10:A:ASN:HD21	1:12:A:VAL:HG23	5	2.22
(34,1202)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	10	2.21
(34,1202)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	10	2.21
(34,1202)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	10	2.21
(34,913)	1:67:A:PRO:HD3	1:95:A:ILE:HB	17	2.21
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD11	14	2.21
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD12	14	2.21
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD13	14	2.21
(33,1967)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	4	2.21
(33,1967)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	4	2.21
(33,1967)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	4	2.21
(33,1967)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	4	2.21
(33,1967)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	4	2.21
(33,1967)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	4	2.21
(33,1967)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	4	2.21
(33,1967)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	4	2.21
(33,1967)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	4	2.21
(33,1967)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	4	2.21
(33,1967)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	4	2.21
(33,1967)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	4	2.21
(33,1729)	1:19:A:ALA:H	1:132:A:ALA:HA	2	2.21
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	12	2.21
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	12	2.21
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	12	2.21
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	12	2.21
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	12	2.21
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	12	2.21
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD11	19	2.21
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD12	19	2.21
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD13	19	2.21
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD21	19	2.21
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD22	19	2.21
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD23	19	2.21
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	19	2.21
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	19	2.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	19	2.21
(30,888)	1:67:A:PRO:HD3	1:95:A:ILE:HB	17	2.21
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	12	2.21
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	12	2.21
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	12	2.21
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	12	2.21
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	12	2.21
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	12	2.21
(29,1740)	1:13:A:ALA:HA	1:79:A:THR:HG21	11	2.21
(29,1740)	1:13:A:ALA:HA	1:79:A:THR:HG22	11	2.21
(29,1740)	1:13:A:ALA:HA	1:79:A:THR:HG23	11	2.21
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG11	9	2.21
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG12	9	2.21
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG13	9	2.21
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	19	2.21
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	19	2.21
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	19	2.21
(20,5)	1:52:A:CYS:SG	1:127:A:CYS:SG	4	2.21
(18,1183)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	10	2.21
(18,1183)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	10	2.21
(18,1183)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	10	2.21
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	12	2.21
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	12	2.21
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	12	2.21
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	12	2.21
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	12	2.21
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	12	2.21
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	19	2.21
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	19	2.21
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	19	2.21
(17,1129)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	2	2.21
(17,1129)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	2	2.21
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD11	2	2.21
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD12	2	2.21
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD13	2	2.21
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD21	2	2.21
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD22	2	2.21
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD23	2	2.21
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD11	2	2.21
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD12	2	2.21
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD13	2	2.21
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD21	2	2.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD22	2	2.21
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD23	2	2.21
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD11	2	2.21
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD12	2	2.21
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD13	2	2.21
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD21	2	2.21
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD22	2	2.21
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD23	2	2.21
(16,1899)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	4	2.21
(16,1899)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	6	2.21
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG11	9	2.21
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG12	9	2.21
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG13	9	2.21
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD11	5	2.21
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD12	5	2.21
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD13	5	2.21
(15,1499)	1:98:A:ILE:HG21	1:116:A:GLN:HG3	3	2.21
(15,1499)	1:98:A:ILE:HG22	1:116:A:GLN:HG3	3	2.21
(15,1499)	1:98:A:ILE:HG23	1:116:A:GLN:HG3	3	2.21
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	19	2.21
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	19	2.21
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	19	2.21
(13,1688)	1:13:A:ALA:HA	1:79:A:THR:HG21	11	2.21
(13,1688)	1:13:A:ALA:HA	1:79:A:THR:HG22	11	2.21
(13,1688)	1:13:A:ALA:HA	1:79:A:THR:HG23	11	2.21
(13,1152)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	10	2.21
(13,1152)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	10	2.21
(13,1152)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	10	2.21
(11,2419)	1:134:A:VAL:HG11	1:137:A:SER:HB2	7	2.21
(11,2419)	1:134:A:VAL:HG11	1:137:A:SER:HB3	7	2.21
(11,2419)	1:134:A:VAL:HG12	1:137:A:SER:HB2	7	2.21
(11,2419)	1:134:A:VAL:HG12	1:137:A:SER:HB3	7	2.21
(11,2419)	1:134:A:VAL:HG13	1:137:A:SER:HB2	7	2.21
(11,2419)	1:134:A:VAL:HG13	1:137:A:SER:HB3	7	2.21
(11,2419)	1:134:A:VAL:HG21	1:137:A:SER:HB2	7	2.21
(11,2419)	1:134:A:VAL:HG21	1:137:A:SER:HB3	7	2.21
(11,2419)	1:134:A:VAL:HG22	1:137:A:SER:HB2	7	2.21
(11,2419)	1:134:A:VAL:HG22	1:137:A:SER:HB3	7	2.21
(11,2419)	1:134:A:VAL:HG23	1:137:A:SER:HB2	7	2.21
(11,2419)	1:134:A:VAL:HG23	1:137:A:SER:HB3	7	2.21
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	8	2.21
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	8	2.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	8	2.21
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	8	2.21
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	8	2.21
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	8	2.21
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	8	2.21
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	8	2.21
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	8	2.21
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	8	2.21
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	8	2.21
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	8	2.21
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	8	2.21
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	8	2.21
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	8	2.21
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	8	2.21
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	8	2.21
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	8	2.21
(11,940)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	16	2.21
(9,2428)	1:144:A:LEU:HB2	1:148:A:CYS:H	11	2.21
(9,2428)	1:144:A:LEU:HB3	1:148:A:CYS:H	11	2.21
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD2	4	2.21
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD3	4	2.21
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD2	4	2.21
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD3	4	2.21
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD2	4	2.21
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD3	4	2.21
(5,2146)	1:43:A:MET:HE1	1:144:A:LEU:HB2	16	2.21
(5,2146)	1:43:A:MET:HE1	1:144:A:LEU:HB3	16	2.21
(5,2146)	1:43:A:MET:HE2	1:144:A:LEU:HB2	16	2.21
(5,2146)	1:43:A:MET:HE2	1:144:A:LEU:HB3	16	2.21
(5,2146)	1:43:A:MET:HE3	1:144:A:LEU:HB2	16	2.21
(5,2146)	1:43:A:MET:HE3	1:144:A:LEU:HB3	16	2.21
(5,1023)	1:27:A:ARG:HB3	1:29:A:LYS:HG2	6	2.21
(5,1023)	1:27:A:ARG:HB3	1:29:A:LYS:HG3	6	2.21
(4,213)	1:44:A:GLU:HG2	1:48:A:ARG:H	7	2.21
(3,2174)	1:43:A:MET:HE1	1:134:A:VAL:HG11	7	2.21
(3,2174)	1:43:A:MET:HE1	1:134:A:VAL:HG12	7	2.21
(3,2174)	1:43:A:MET:HE1	1:134:A:VAL:HG13	7	2.21
(3,2174)	1:43:A:MET:HE1	1:134:A:VAL:HG21	7	2.21
(3,2174)	1:43:A:MET:HE1	1:134:A:VAL:HG22	7	2.21
(3,2174)	1:43:A:MET:HE1	1:134:A:VAL:HG23	7	2.21
(3,2174)	1:43:A:MET:HE2	1:134:A:VAL:HG11	7	2.21
(3,2174)	1:43:A:MET:HE2	1:134:A:VAL:HG12	7	2.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2174)	1:43:A:MET:HE2	1:134:A:VAL:HG13	7	2.21
(3,2174)	1:43:A:MET:HE2	1:134:A:VAL:HG21	7	2.21
(3,2174)	1:43:A:MET:HE2	1:134:A:VAL:HG22	7	2.21
(3,2174)	1:43:A:MET:HE2	1:134:A:VAL:HG23	7	2.21
(3,2174)	1:43:A:MET:HE3	1:134:A:VAL:HG11	7	2.21
(3,2174)	1:43:A:MET:HE3	1:134:A:VAL:HG12	7	2.21
(3,2174)	1:43:A:MET:HE3	1:134:A:VAL:HG13	7	2.21
(3,2174)	1:43:A:MET:HE3	1:134:A:VAL:HG21	7	2.21
(3,2174)	1:43:A:MET:HE3	1:134:A:VAL:HG22	7	2.21
(3,2174)	1:43:A:MET:HE3	1:134:A:VAL:HG23	7	2.21
(3,2173)	1:43:A:MET:HE1	1:131:A:LEU:HD11	18	2.21
(3,2173)	1:43:A:MET:HE1	1:131:A:LEU:HD12	18	2.21
(3,2173)	1:43:A:MET:HE1	1:131:A:LEU:HD13	18	2.21
(3,2173)	1:43:A:MET:HE1	1:131:A:LEU:HD21	18	2.21
(3,2173)	1:43:A:MET:HE1	1:131:A:LEU:HD22	18	2.21
(3,2173)	1:43:A:MET:HE1	1:131:A:LEU:HD23	18	2.21
(3,2173)	1:43:A:MET:HE2	1:131:A:LEU:HD11	18	2.21
(3,2173)	1:43:A:MET:HE2	1:131:A:LEU:HD12	18	2.21
(3,2173)	1:43:A:MET:HE2	1:131:A:LEU:HD13	18	2.21
(3,2173)	1:43:A:MET:HE2	1:131:A:LEU:HD21	18	2.21
(3,2173)	1:43:A:MET:HE2	1:131:A:LEU:HD22	18	2.21
(3,2173)	1:43:A:MET:HE2	1:131:A:LEU:HD23	18	2.21
(3,2173)	1:43:A:MET:HE3	1:131:A:LEU:HD11	18	2.21
(3,2173)	1:43:A:MET:HE3	1:131:A:LEU:HD12	18	2.21
(3,2173)	1:43:A:MET:HE3	1:131:A:LEU:HD13	18	2.21
(3,2173)	1:43:A:MET:HE3	1:131:A:LEU:HD21	18	2.21
(3,2173)	1:43:A:MET:HE3	1:131:A:LEU:HD22	18	2.21
(3,2173)	1:43:A:MET:HE3	1:131:A:LEU:HD23	18	2.21
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	12	2.21
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	12	2.21
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	12	2.21
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	12	2.21
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	12	2.21
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	12	2.21
(2,1110)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	2	2.21
(2,1110)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	2	2.21
(1,2138)	1:43:A:MET:HE1	1:131:A:LEU:HD11	18	2.21
(1,2138)	1:43:A:MET:HE1	1:131:A:LEU:HD12	18	2.21
(1,2138)	1:43:A:MET:HE1	1:131:A:LEU:HD13	18	2.21
(1,2138)	1:43:A:MET:HE1	1:131:A:LEU:HD21	18	2.21
(1,2138)	1:43:A:MET:HE1	1:131:A:LEU:HD22	18	2.21
(1,2138)	1:43:A:MET:HE1	1:131:A:LEU:HD23	18	2.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2138)	1:43:A:MET:HE2	1:131:A:LEU:HD11	18	2.21
(1,2138)	1:43:A:MET:HE2	1:131:A:LEU:HD12	18	2.21
(1,2138)	1:43:A:MET:HE2	1:131:A:LEU:HD13	18	2.21
(1,2138)	1:43:A:MET:HE2	1:131:A:LEU:HD21	18	2.21
(1,2138)	1:43:A:MET:HE2	1:131:A:LEU:HD22	18	2.21
(1,2138)	1:43:A:MET:HE2	1:131:A:LEU:HD23	18	2.21
(1,2138)	1:43:A:MET:HE3	1:131:A:LEU:HD11	18	2.21
(1,2138)	1:43:A:MET:HE3	1:131:A:LEU:HD12	18	2.21
(1,2138)	1:43:A:MET:HE3	1:131:A:LEU:HD13	18	2.21
(1,2138)	1:43:A:MET:HE3	1:131:A:LEU:HD21	18	2.21
(1,2138)	1:43:A:MET:HE3	1:131:A:LEU:HD22	18	2.21
(1,2138)	1:43:A:MET:HE3	1:131:A:LEU:HD23	18	2.21
(34,842)	1:48:A:ARG:HD2	1:49:A:LYS:HA	10	2.2
(34,842)	1:48:A:ARG:HD3	1:49:A:LYS:HA	10	2.2
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD11	13	2.2
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD12	13	2.2
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD13	13	2.2
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD21	13	2.2
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD22	13	2.2
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD23	13	2.2
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD11	8	2.2
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD12	8	2.2
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD13	8	2.2
(32,2488)	1:144:A:LEU:HD11	1:146:A:GLN:HE21	5	2.2
(32,2488)	1:144:A:LEU:HD11	1:146:A:GLN:HE22	5	2.2
(32,2488)	1:144:A:LEU:HD12	1:146:A:GLN:HE21	5	2.2
(32,2488)	1:144:A:LEU:HD12	1:146:A:GLN:HE22	5	2.2
(32,2488)	1:144:A:LEU:HD13	1:146:A:GLN:HE21	5	2.2
(32,2488)	1:144:A:LEU:HD13	1:146:A:GLN:HE22	5	2.2
(32,2488)	1:144:A:LEU:HD21	1:146:A:GLN:HE21	5	2.2
(32,2488)	1:144:A:LEU:HD21	1:146:A:GLN:HE22	5	2.2
(32,2488)	1:144:A:LEU:HD22	1:146:A:GLN:HE21	5	2.2
(32,2488)	1:144:A:LEU:HD22	1:146:A:GLN:HE22	5	2.2
(32,2488)	1:144:A:LEU:HD23	1:146:A:GLN:HE21	5	2.2
(32,2488)	1:144:A:LEU:HD23	1:146:A:GLN:HE22	5	2.2
(32,1811)	1:13:A:ALA:HA	1:80:A:TYR:HE1	6	2.2
(32,1811)	1:13:A:ALA:HA	1:80:A:TYR:HE2	6	2.2
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD11	8	2.2
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD12	8	2.2
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD13	8	2.2
(30,1619)	1:27:A:ARG:HB3	1:30:A:LEU:HD11	10	2.2
(30,1619)	1:27:A:ARG:HB3	1:30:A:LEU:HD12	10	2.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1619)	1:27:A:ARG:HB3	1:30:A:LEU:HD13	10	2.2
(30,59)	1:34:A:LYS:H	1:81:A:GLU:H	19	2.2
(29,1894)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	6	2.2
(29,1894)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	6	2.2
(29,1894)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	6	2.2
(29,1894)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	6	2.2
(19,20)	1:56:A:CYS:SG	1:52:A:CYS:CB	3	2.2
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG11	13	2.2
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG12	13	2.2
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG13	13	2.2
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG21	13	2.2
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG22	13	2.2
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG23	13	2.2
(18,514)	1:101:A:ILE:HG13	1:105:A:LYS:H	17	2.2
(17,1724)	1:67:A:PRO:HD2	1:95:A:ILE:HA	12	2.2
(17,1724)	1:67:A:PRO:HD2	1:95:A:ILE:HA	13	2.2
(16,1716)	1:21:A:THR:HG21	1:147:A:ARG:HE	1	2.2
(16,1716)	1:21:A:THR:HG22	1:147:A:ARG:HE	1	2.2
(16,1716)	1:21:A:THR:HG23	1:147:A:ARG:HE	1	2.2
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD11	8	2.2
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD12	8	2.2
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD13	8	2.2
(16,1013)	1:35:A:LEU:HG	1:143:A:TRP:HB3	2	2.2
(15,820)	1:98:A:ILE:HD11	1:101:A:ILE:HB	19	2.2
(15,820)	1:98:A:ILE:HD12	1:101:A:ILE:HB	19	2.2
(15,820)	1:98:A:ILE:HD13	1:101:A:ILE:HB	19	2.2
(15,63)	1:34:A:LYS:H	1:81:A:GLU:H	19	2.2
(13,1934)	1:12:A:VAL:HG11	1:32:A:GLY:HA2	7	2.2
(13,1934)	1:12:A:VAL:HG12	1:32:A:GLY:HA2	7	2.2
(13,1934)	1:12:A:VAL:HG13	1:32:A:GLY:HA2	7	2.2
(13,1934)	1:12:A:VAL:HG21	1:32:A:GLY:HA2	7	2.2
(13,1934)	1:12:A:VAL:HG22	1:32:A:GLY:HA2	7	2.2
(13,1934)	1:12:A:VAL:HG23	1:32:A:GLY:HA2	7	2.2
(13,1848)	1:64:A:LYS:HD2	1:104:A:PHE:HZ	18	2.2
(13,1848)	1:64:A:LYS:HD3	1:104:A:PHE:HZ	18	2.2
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	2	2.2
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	2	2.2
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	2	2.2
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	2	2.2
(11,1118)	1:146:A:GLN:HA	1:147:A:ARG:HG2	16	2.2
(11,1118)	1:146:A:GLN:HA	1:147:A:ARG:HG3	16	2.2
(11,64)	1:34:A:LYS:H	1:81:A:GLU:H	19	2.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1941)	1:10:A:ASN:HD21	1:81:A:GLU:H	16	2.2
(9,1941)	1:10:A:ASN:HD22	1:81:A:GLU:H	16	2.2
(7,743)	1:43:A:MET:HE1	1:134:A:VAL:H	4	2.2
(7,743)	1:43:A:MET:HE2	1:134:A:VAL:H	4	2.2
(7,743)	1:43:A:MET:HE3	1:134:A:VAL:H	4	2.2
(7,682)	1:145:A:PRO:HB2	1:148:A:CYS:H	15	2.2
(6,1848)	1:13:A:ALA:HA	1:80:A:TYR:HE1	6	2.2
(6,1848)	1:13:A:ALA:HA	1:80:A:TYR:HE2	6	2.2
(6,1696)	1:43:A:MET:HE1	1:135:A:GLN:H	12	2.2
(6,1696)	1:43:A:MET:HE2	1:135:A:GLN:H	12	2.2
(6,1696)	1:43:A:MET:HE3	1:135:A:GLN:H	12	2.2
(6,1168)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	3	2.2
(6,1168)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	3	2.2
(6,1168)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	3	2.2
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD11	17	2.2
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD12	17	2.2
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD13	17	2.2
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD21	17	2.2
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD22	17	2.2
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD23	17	2.2
(5,1733)	1:67:A:PRO:HD2	1:95:A:ILE:HA	12	2.2
(5,1733)	1:67:A:PRO:HD2	1:95:A:ILE:HA	13	2.2
(5,1319)	1:66:A:THR:HG21	1:95:A:ILE:HA	12	2.2
(5,1319)	1:66:A:THR:HG22	1:95:A:ILE:HA	12	2.2
(5,1319)	1:66:A:THR:HG23	1:95:A:ILE:HA	12	2.2
(5,1257)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	17	2.2
(5,1257)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	17	2.2
(5,1257)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	17	2.2
(5,1026)	1:112:A:GLN:HG2	1:113:A:PHE:HA	8	2.2
(5,1026)	1:112:A:GLN:HG3	1:113:A:PHE:HA	8	2.2
(4,1930)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	1	2.2
(4,1930)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	1	2.2
(4,1930)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	1	2.2
(4,1930)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	1	2.2
(4,1675)	1:43:A:MET:HE1	1:135:A:GLN:H	12	2.2
(4,1675)	1:43:A:MET:HE2	1:135:A:GLN:H	12	2.2
(4,1675)	1:43:A:MET:HE3	1:135:A:GLN:H	12	2.2
(4,1200)	1:34:A:LYS:H	1:81:A:GLU:HA	10	2.2
(4,740)	1:43:A:MET:HE1	1:134:A:VAL:H	4	2.2
(4,740)	1:43:A:MET:HE2	1:134:A:VAL:H	4	2.2
(4,740)	1:43:A:MET:HE3	1:134:A:VAL:H	4	2.2
(3,1873)	1:13:A:ALA:HA	1:80:A:TYR:HE1	6	2.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1873)	1:13:A:ALA:HA	1:80:A:TYR:HE2	6	2.2
(3,1742)	1:67:A:PRO:HD2	1:95:A:ILE:HA	12	2.2
(3,1742)	1:67:A:PRO:HD2	1:95:A:ILE:HA	13	2.2
(2,1136)	1:10:A:ASN:HD22	1:80:A:TYR:HA	18	2.2
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	14	2.2
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	14	2.2
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	14	2.2
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	14	2.2
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	10	2.2
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	10	2.2
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	10	2.2
(1,991)	1:11:A:ILE:HG12	1:14:A:VAL:HB	4	2.2
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	16	2.19
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	16	2.19
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	16	2.19
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	16	2.19
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	16	2.19
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	16	2.19
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	16	2.19
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	16	2.19
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	16	2.19
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	16	2.19
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	16	2.19
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	16	2.19
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	16	2.19
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	16	2.19
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	16	2.19
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	16	2.19
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	16	2.19
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	16	2.19
(34,1721)	1:67:A:PRO:HD2	1:95:A:ILE:HA	12	2.19
(34,1721)	1:67:A:PRO:HD2	1:95:A:ILE:HA	13	2.19
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD2	5	2.19
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD3	5	2.19
(34,390)	1:62:A:HIS:H	1:63:A:ILE:HG13	11	2.19
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	19	2.19
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	19	2.19
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	19	2.19
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	19	2.19
(33,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	2	2.19
(33,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	2	2.19
(33,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	2	2.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,384)	1:62:A:HIS:H	1:63:A:ILE:HG13	11	2.19
(32,2488)	1:144:A:LEU:HD11	1:146:A:GLN:HE21	15	2.19
(32,2488)	1:144:A:LEU:HD11	1:146:A:GLN:HE22	15	2.19
(32,2488)	1:144:A:LEU:HD12	1:146:A:GLN:HE21	15	2.19
(32,2488)	1:144:A:LEU:HD12	1:146:A:GLN:HE22	15	2.19
(32,2488)	1:144:A:LEU:HD13	1:146:A:GLN:HE21	15	2.19
(32,2488)	1:144:A:LEU:HD13	1:146:A:GLN:HE22	15	2.19
(32,2488)	1:144:A:LEU:HD21	1:146:A:GLN:HE21	15	2.19
(32,2488)	1:144:A:LEU:HD21	1:146:A:GLN:HE22	15	2.19
(32,2488)	1:144:A:LEU:HD22	1:146:A:GLN:HE21	15	2.19
(32,2488)	1:144:A:LEU:HD22	1:146:A:GLN:HE22	15	2.19
(32,2488)	1:144:A:LEU:HD23	1:146:A:GLN:HE21	15	2.19
(32,2488)	1:144:A:LEU:HD23	1:146:A:GLN:HE22	15	2.19
(32,1585)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	2	2.19
(32,1585)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	2	2.19
(32,1585)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	2	2.19
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD21	11	2.19
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD22	11	2.19
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD23	11	2.19
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB2	5	2.19
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB2	5	2.19
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB2	5	2.19
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB3	5	2.19
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB3	5	2.19
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB3	5	2.19
(30,385)	1:62:A:HIS:H	1:63:A:ILE:HG13	11	2.19
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD11	2	2.19
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD12	2	2.19
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD13	2	2.19
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD21	2	2.19
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD22	2	2.19
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD23	2	2.19
(29,1392)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	7	2.19
(29,1392)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	7	2.19
(29,1392)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	7	2.19
(20,9)	1:56:A:CYS:SG	1:127:A:CYS:SG	7	2.19
(18,393)	1:62:A:HIS:H	1:63:A:ILE:HG13	11	2.19
(17,982)	1:47:A:ALA:HB1	1:134:A:VAL:HB	9	2.19
(17,982)	1:47:A:ALA:HB2	1:134:A:VAL:HB	9	2.19
(17,982)	1:47:A:ALA:HB3	1:134:A:VAL:HB	9	2.19
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD11	6	2.19
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD12	6	2.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD13	6	2.19
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD21	6	2.19
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD22	6	2.19
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD23	6	2.19
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD11	6	2.19
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD12	6	2.19
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD13	6	2.19
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD21	6	2.19
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD22	6	2.19
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD23	6	2.19
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD11	6	2.19
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD12	6	2.19
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD13	6	2.19
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD21	6	2.19
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD22	6	2.19
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD23	6	2.19
(16,1037)	1:34:A:LYS:H	1:81:A:GLU:HB3	19	2.19
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD11	19	2.19
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD12	19	2.19
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD13	19	2.19
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD11	19	2.19
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD12	19	2.19
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD13	19	2.19
(15,386)	1:62:A:HIS:H	1:63:A:ILE:HG13	11	2.19
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	19	2.19
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	19	2.19
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	19	2.19
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	19	2.19
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	19	2.19
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	19	2.19
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	19	2.19
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	19	2.19
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	19	2.19
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	9	2.19
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	9	2.19
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	9	2.19
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD2	5	2.19
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD3	5	2.19
(13,379)	1:62:A:HIS:H	1:63:A:ILE:HG13	11	2.19
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD21	11	2.19
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD22	11	2.19
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD23	11	2.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD2	5	2.19
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD3	5	2.19
(11,388)	1:62:A:HIS:H	1:63:A:ILE:HG13	11	2.19
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	11	2.19
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	11	2.19
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	11	2.19
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	11	2.19
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	11	2.19
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	11	2.19
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	11	2.19
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	11	2.19
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	11	2.19
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	11	2.19
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	11	2.19
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	11	2.19
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	11	2.19
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	11	2.19
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	11	2.19
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	11	2.19
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	11	2.19
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	11	2.19
(9,1703)	1:67:A:PRO:HD2	1:95:A:ILE:HA	12	2.19
(9,1703)	1:67:A:PRO:HD2	1:95:A:ILE:HA	13	2.19
(9,392)	1:62:A:HIS:H	1:63:A:ILE:HG13	11	2.19
(6,1712)	1:67:A:PRO:HD2	1:95:A:ILE:HA	12	2.19
(6,1712)	1:67:A:PRO:HD2	1:95:A:ILE:HA	13	2.19
(6,381)	1:62:A:HIS:H	1:63:A:ILE:HG13	11	2.19
(5,1663)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	1	2.19
(5,1663)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	1	2.19
(5,1663)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	1	2.19
(5,1663)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	1	2.19
(5,1663)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	1	2.19
(5,1663)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	1	2.19
(5,994)	1:35:A:LEU:HG	1:143:A:TRP:HB3	2	2.19
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD2	5	2.19
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD3	5	2.19
(5,922)	1:108:A:GLU:HG3	1:112:A:GLN:H	6	2.19
(5,376)	1:62:A:HIS:H	1:63:A:ILE:HG13	11	2.19
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD11	6	2.19
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD12	6	2.19
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD13	6	2.19
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD21	6	2.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD22	6	2.19
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD23	6	2.19
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD11	6	2.19
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD12	6	2.19
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD13	6	2.19
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD21	6	2.19
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD22	6	2.19
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD23	6	2.19
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD11	6	2.19
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD12	6	2.19
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD13	6	2.19
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD21	6	2.19
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD22	6	2.19
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD23	6	2.19
(4,1005)	1:34:A:LYS:H	1:81:A:GLU:HB3	19	2.19
(4,999)	1:27:A:ARG:HB3	1:30:A:LEU:HD11	10	2.19
(4,999)	1:27:A:ARG:HB3	1:30:A:LEU:HD12	10	2.19
(4,999)	1:27:A:ARG:HB3	1:30:A:LEU:HD13	10	2.19
(3,2044)	1:17:A:ASN:HD21	1:78:A:HIS:H	4	2.19
(3,2044)	1:17:A:ASN:HD22	1:78:A:HIS:H	4	2.19
(3,1653)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	2	2.19
(3,1653)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	2	2.19
(3,1653)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	2	2.19
(3,1036)	1:34:A:LYS:H	1:81:A:GLU:HB3	19	2.19
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	1	2.19
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	1	2.19
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	1	2.19
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	1	2.19
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	1	2.19
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	1	2.19
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	1	2.19
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	1	2.19
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	1	2.19
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	1	2.19
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	1	2.19
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	1	2.19
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	1	2.19
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	1	2.19
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	1	2.19
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	1	2.19
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	1	2.19
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	1	2.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD21	2	2.19
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD22	2	2.19
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD23	2	2.19
(2,1638)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	2	2.19
(2,1638)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	2	2.19
(2,1638)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	2	2.19
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD21	11	2.19
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD22	11	2.19
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD23	11	2.19
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD11	15	2.19
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD12	15	2.19
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD13	15	2.19
(2,380)	1:62:A:HIS:H	1:63:A:ILE:HG13	11	2.19
(1,1721)	1:67:A:PRO:HD2	1:95:A:ILE:HA	12	2.19
(1,1721)	1:67:A:PRO:HD2	1:95:A:ILE:HA	13	2.19
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	11	2.19
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	11	2.19
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	11	2.19
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	11	2.19
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	11	2.19
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	11	2.19
(1,1114)	1:31:A:PRO:HG2	1:143:A:TRP:HA	5	2.19
(1,1114)	1:31:A:PRO:HG3	1:143:A:TRP:HA	5	2.19
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	18	2.18
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	18	2.18
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	18	2.18
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	18	2.18
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	18	2.18
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	18	2.18
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	18	2.18
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	18	2.18
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	18	2.18
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	18	2.18
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	18	2.18
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	18	2.18
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	18	2.18
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	18	2.18
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	18	2.18
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	18	2.18
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	18	2.18
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	18	2.18
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	10	2.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	10	2.18
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	10	2.18
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	10	2.18
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	10	2.18
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	10	2.18
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	10	2.18
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	10	2.18
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	10	2.18
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	10	2.18
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	10	2.18
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	10	2.18
(34,1935)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	6	2.18
(34,1935)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	6	2.18
(34,1524)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	3	2.18
(34,1524)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	3	2.18
(34,1524)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	3	2.18
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD2	19	2.18
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD3	19	2.18
(34,842)	1:48:A:ARG:HD2	1:49:A:LYS:HA	3	2.18
(34,842)	1:48:A:ARG:HD3	1:49:A:LYS:HA	3	2.18
(34,240)	1:108:A:GLU:H	1:112:A:GLN:HG2	10	2.18
(34,240)	1:108:A:GLU:H	1:112:A:GLN:HG3	10	2.18
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB1	12	2.18
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB2	12	2.18
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB3	12	2.18
(33,232)	1:108:A:GLU:H	1:112:A:GLN:HG2	10	2.18
(33,232)	1:108:A:GLU:H	1:112:A:GLN:HG3	10	2.18
(32,2038)	1:31:A:PRO:HD2	1:35:A:LEU:HG	18	2.18
(32,2038)	1:31:A:PRO:HD3	1:35:A:LEU:HG	18	2.18
(32,225)	1:108:A:GLU:H	1:112:A:GLN:HG2	10	2.18
(32,225)	1:108:A:GLU:H	1:112:A:GLN:HG3	10	2.18
(30,1713)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	11	2.18
(30,1713)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	11	2.18
(30,1713)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	11	2.18
(30,1713)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	11	2.18
(30,1713)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	11	2.18
(30,1713)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	11	2.18
(30,236)	1:108:A:GLU:H	1:112:A:GLN:HG2	10	2.18
(30,236)	1:108:A:GLU:H	1:112:A:GLN:HG3	10	2.18
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	7	2.18
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	7	2.18
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	7	2.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	7	2.18
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	7	2.18
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	7	2.18
(29,236)	1:108:A:GLU:H	1:112:A:GLN:HG2	10	2.18
(29,236)	1:108:A:GLU:H	1:112:A:GLN:HG3	10	2.18
(18,1499)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	3	2.18
(18,1499)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	3	2.18
(18,1499)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	3	2.18
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	1	2.18
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	1	2.18
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	1	2.18
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	1	2.18
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	1	2.18
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	1	2.18
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	11	2.18
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	11	2.18
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	11	2.18
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	11	2.18
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	11	2.18
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	11	2.18
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	7	2.18
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	7	2.18
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	7	2.18
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	7	2.18
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	7	2.18
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	7	2.18
(17,1532)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	3	2.18
(17,1532)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	3	2.18
(17,1532)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	3	2.18
(17,231)	1:108:A:GLU:H	1:112:A:GLN:HG2	10	2.18
(17,231)	1:108:A:GLU:H	1:112:A:GLN:HG3	10	2.18
(16,2339)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	9	2.18
(16,2339)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	9	2.18
(16,1698)	1:27:A:ARG:HA	1:31:A:PRO:HD2	12	2.18
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG11	11	2.18
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG12	11	2.18
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG13	11	2.18
(16,1013)	1:35:A:LEU:HG	1:143:A:TRP:HB3	19	2.18
(16,238)	1:108:A:GLU:H	1:112:A:GLN:HG2	10	2.18
(16,238)	1:108:A:GLU:H	1:112:A:GLN:HG3	10	2.18
(15,1904)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	6	2.18
(15,1904)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	6	2.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE1	13	2.18
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE2	13	2.18
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	7	2.18
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	7	2.18
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	7	2.18
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	7	2.18
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	7	2.18
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	7	2.18
(15,240)	1:108:A:GLU:H	1:112:A:GLN:HG2	10	2.18
(15,240)	1:108:A:GLU:H	1:112:A:GLN:HG3	10	2.18
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	3	2.18
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	3	2.18
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	3	2.18
(13,233)	1:108:A:GLU:H	1:112:A:GLN:HG2	10	2.18
(13,233)	1:108:A:GLU:H	1:112:A:GLN:HG3	10	2.18
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	19	2.18
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	19	2.18
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	19	2.18
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	19	2.18
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	19	2.18
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	19	2.18
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	19	2.18
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	19	2.18
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	19	2.18
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	19	2.18
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	19	2.18
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	19	2.18
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	19	2.18
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	19	2.18
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	19	2.18
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	19	2.18
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	19	2.18
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	19	2.18
(11,2094)	1:35:A:LEU:HD11	1:143:A:TRP:HA	3	2.18
(11,2094)	1:35:A:LEU:HD12	1:143:A:TRP:HA	3	2.18
(11,2094)	1:35:A:LEU:HD13	1:143:A:TRP:HA	3	2.18
(11,2094)	1:35:A:LEU:HD21	1:143:A:TRP:HA	3	2.18
(11,2094)	1:35:A:LEU:HD22	1:143:A:TRP:HA	3	2.18
(11,2094)	1:35:A:LEU:HD23	1:143:A:TRP:HA	3	2.18
(11,1529)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	3	2.18
(11,1529)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	3	2.18
(11,1529)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	3	2.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,230)	1:108:A:GLU:H	1:112:A:GLN:HG2	10	2.18
(11,230)	1:108:A:GLU:H	1:112:A:GLN:HG3	10	2.18
(9,1504)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	3	2.18
(9,1504)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	3	2.18
(9,1504)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	3	2.18
(9,238)	1:108:A:GLU:H	1:112:A:GLN:HG2	10	2.18
(9,238)	1:108:A:GLU:H	1:112:A:GLN:HG3	10	2.18
(7,1590)	1:27:A:ARG:HB3	1:30:A:LEU:HD11	10	2.18
(7,1590)	1:27:A:ARG:HB3	1:30:A:LEU:HD12	10	2.18
(7,1590)	1:27:A:ARG:HB3	1:30:A:LEU:HD13	10	2.18
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	7	2.18
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	7	2.18
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	7	2.18
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	7	2.18
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	7	2.18
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	7	2.18
(7,236)	1:108:A:GLU:H	1:112:A:GLN:HG2	10	2.18
(7,236)	1:108:A:GLU:H	1:112:A:GLN:HG3	10	2.18
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	13	2.18
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	13	2.18
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	13	2.18
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	13	2.18
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	13	2.18
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	13	2.18
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	13	2.18
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	13	2.18
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	13	2.18
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	13	2.18
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	13	2.18
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	13	2.18
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	13	2.18
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	13	2.18
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	13	2.18
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	13	2.18
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	13	2.18
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	13	2.18
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	7	2.18
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	7	2.18
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	7	2.18
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	7	2.18
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	7	2.18
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	7	2.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1504)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	3	2.18
(6,1504)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	3	2.18
(6,1504)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	3	2.18
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	4	2.18
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	4	2.18
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	4	2.18
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD11	10	2.18
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD12	10	2.18
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD13	10	2.18
(6,234)	1:108:A:GLU:H	1:112:A:GLN:HG2	10	2.18
(6,234)	1:108:A:GLU:H	1:112:A:GLN:HG3	10	2.18
(5,1526)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	3	2.18
(5,1526)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	3	2.18
(5,1526)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	3	2.18
(5,1257)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	11	2.18
(5,1257)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	11	2.18
(5,1257)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	11	2.18
(5,1023)	1:27:A:ARG:HB3	1:29:A:LYS:HG2	1	2.18
(5,1023)	1:27:A:ARG:HB3	1:29:A:LYS:HG3	1	2.18
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	7	2.18
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	7	2.18
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	7	2.18
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	7	2.18
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	7	2.18
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	7	2.18
(4,1489)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	3	2.18
(4,1489)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	3	2.18
(4,1489)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	3	2.18
(4,229)	1:108:A:GLU:H	1:112:A:GLN:HG2	10	2.18
(4,229)	1:108:A:GLU:H	1:112:A:GLN:HG3	10	2.18
(3,2080)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	3	2.18
(3,2080)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	3	2.18
(3,2080)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	3	2.18
(3,2080)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	3	2.18
(3,2080)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	3	2.18
(3,2080)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	3	2.18
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	7	2.18
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	7	2.18
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	7	2.18
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	7	2.18
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	7	2.18
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	7	2.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1531)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	3	2.18
(3,1531)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	3	2.18
(3,1531)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	3	2.18
(3,234)	1:108:A:GLU:H	1:112:A:GLN:HG2	10	2.18
(3,234)	1:108:A:GLU:H	1:112:A:GLN:HG3	10	2.18
(2,2077)	1:31:A:PRO:HD2	1:143:A:TRP:HA	9	2.18
(2,2077)	1:31:A:PRO:HD3	1:143:A:TRP:HA	9	2.18
(2,1727)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	11	2.18
(2,1727)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	11	2.18
(2,1727)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	11	2.18
(2,1727)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	11	2.18
(2,1727)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	11	2.18
(2,1727)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	11	2.18
(2,1643)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	5	2.18
(2,231)	1:108:A:GLU:H	1:112:A:GLN:HG2	10	2.18
(2,231)	1:108:A:GLU:H	1:112:A:GLN:HG3	10	2.18
(1,861)	1:43:A:MET:HE1	1:131:A:LEU:HB3	7	2.18
(1,861)	1:43:A:MET:HE2	1:131:A:LEU:HB3	7	2.18
(1,861)	1:43:A:MET:HE3	1:131:A:LEU:HB3	7	2.18
(1,243)	1:108:A:GLU:H	1:112:A:GLN:HG2	10	2.18
(1,243)	1:108:A:GLU:H	1:112:A:GLN:HG3	10	2.18
(34,1819)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	3	2.17
(34,1819)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	3	2.17
(34,842)	1:48:A:ARG:HD2	1:49:A:LYS:HA	19	2.17
(34,842)	1:48:A:ARG:HD3	1:49:A:LYS:HA	19	2.17
(34,448)	1:68:A:LYS:H	1:70:A:LYS:HG2	8	2.17
(33,2500)	1:144:A:LEU:HD11	1:148:A:CYS:H	13	2.17
(33,2500)	1:144:A:LEU:HD12	1:148:A:CYS:H	13	2.17
(33,2500)	1:144:A:LEU:HD13	1:148:A:CYS:H	13	2.17
(33,2500)	1:144:A:LEU:HD21	1:148:A:CYS:H	13	2.17
(33,2500)	1:144:A:LEU:HD22	1:148:A:CYS:H	13	2.17
(33,2500)	1:144:A:LEU:HD23	1:148:A:CYS:H	13	2.17
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	10	2.17
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	10	2.17
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	10	2.17
(32,1706)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	11	2.17
(32,1706)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	11	2.17
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE1	17	2.17
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE2	17	2.17
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	10	2.17
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	10	2.17
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	10	2.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2445)	1:144:A:LEU:HD11	1:148:A:CYS:H	13	2.17
(29,2445)	1:144:A:LEU:HD12	1:148:A:CYS:H	13	2.17
(29,2445)	1:144:A:LEU:HD13	1:148:A:CYS:H	13	2.17
(29,2445)	1:144:A:LEU:HD21	1:148:A:CYS:H	13	2.17
(29,2445)	1:144:A:LEU:HD22	1:148:A:CYS:H	13	2.17
(29,2445)	1:144:A:LEU:HD23	1:148:A:CYS:H	13	2.17
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	13	2.17
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	13	2.17
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	13	2.17
(18,514)	1:101:A:ILE:HG13	1:105:A:LYS:H	9	2.17
(17,853)	1:43:A:MET:HE1	1:144:A:LEU:HB3	11	2.17
(17,853)	1:43:A:MET:HE2	1:144:A:LEU:HB3	11	2.17
(17,853)	1:43:A:MET:HE3	1:144:A:LEU:HB3	11	2.17
(17,853)	1:43:A:MET:HE1	1:144:A:LEU:HB2	11	2.17
(17,853)	1:43:A:MET:HE2	1:144:A:LEU:HB2	11	2.17
(17,853)	1:43:A:MET:HE3	1:144:A:LEU:HB2	11	2.17
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD2	6	2.17
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD3	6	2.17
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD2	6	2.17
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD3	6	2.17
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD2	6	2.17
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD3	6	2.17
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB2	8	2.17
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB3	8	2.17
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB2	8	2.17
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB3	8	2.17
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB2	8	2.17
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB3	8	2.17
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB2	8	2.17
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB3	8	2.17
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB2	8	2.17
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB3	8	2.17
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB2	8	2.17
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB3	8	2.17
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	3	2.17
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	3	2.17
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	3	2.17
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	3	2.17
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	3	2.17
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	3	2.17
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	6	2.17
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	6	2.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	6	2.17
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	6	2.17
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	6	2.17
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	6	2.17
(13,85)	1:30:A:LEU:H	1:144:A:LEU:HA	19	2.17
(11,2075)	1:32:A:GLY:HA2	1:81:A:GLU:H	3	2.17
(11,2075)	1:32:A:GLY:HA3	1:81:A:GLU:H	3	2.17
(11,1837)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	3	2.17
(11,1837)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	3	2.17
(11,1001)	1:35:A:LEU:HG	1:143:A:TRP:HB3	2	2.17
(9,2433)	1:144:A:LEU:HD11	1:148:A:CYS:H	13	2.17
(9,2433)	1:144:A:LEU:HD12	1:148:A:CYS:H	13	2.17
(9,2433)	1:144:A:LEU:HD13	1:148:A:CYS:H	13	2.17
(9,2433)	1:144:A:LEU:HD21	1:148:A:CYS:H	13	2.17
(9,2433)	1:144:A:LEU:HD22	1:148:A:CYS:H	13	2.17
(9,2433)	1:144:A:LEU:HD23	1:148:A:CYS:H	13	2.17
(9,2428)	1:144:A:LEU:HB2	1:148:A:CYS:H	8	2.17
(9,2428)	1:144:A:LEU:HB3	1:148:A:CYS:H	8	2.17
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	10	2.17
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	10	2.17
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	10	2.17
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	10	2.17
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	10	2.17
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	10	2.17
(6,1168)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	10	2.17
(6,1168)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	10	2.17
(6,1168)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	10	2.17
(5,2474)	1:144:A:LEU:HD11	1:148:A:CYS:H	13	2.17
(5,2474)	1:144:A:LEU:HD12	1:148:A:CYS:H	13	2.17
(5,2474)	1:144:A:LEU:HD13	1:148:A:CYS:H	13	2.17
(5,2474)	1:144:A:LEU:HD21	1:148:A:CYS:H	13	2.17
(5,2474)	1:144:A:LEU:HD22	1:148:A:CYS:H	13	2.17
(5,2474)	1:144:A:LEU:HD23	1:148:A:CYS:H	13	2.17
(5,1319)	1:66:A:THR:HG21	1:95:A:ILE:HA	13	2.17
(5,1319)	1:66:A:THR:HG22	1:95:A:ILE:HA	13	2.17
(5,1319)	1:66:A:THR:HG23	1:95:A:ILE:HA	13	2.17
(5,994)	1:35:A:LEU:HG	1:143:A:TRP:HB3	19	2.17
(5,52)	1:47:A:ALA:H	1:134:A:VAL:HG11	12	2.17
(5,52)	1:47:A:ALA:H	1:134:A:VAL:HG12	12	2.17
(5,52)	1:47:A:ALA:H	1:134:A:VAL:HG13	12	2.17
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD11	1	2.17
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD12	1	2.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD13	1	2.17
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD21	1	2.17
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD22	1	2.17
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD23	1	2.17
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	16	2.17
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	16	2.17
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	16	2.17
(3,1407)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	4	2.17
(3,1407)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	4	2.17
(3,1407)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	4	2.17
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB1	18	2.17
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB2	18	2.17
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB3	18	2.17
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD21	1	2.17
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD22	1	2.17
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD23	1	2.17
(1,1076)	1:66:A:THR:HG21	1:95:A:ILE:HA	7	2.17
(1,1076)	1:66:A:THR:HG22	1:95:A:ILE:HA	7	2.17
(1,1076)	1:66:A:THR:HG23	1:95:A:ILE:HA	7	2.17
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG21	3	2.17
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG22	3	2.17
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG23	3	2.17
(34,1094)	1:66:A:THR:HG21	1:95:A:ILE:HA	11	2.16
(34,1094)	1:66:A:THR:HG22	1:95:A:ILE:HA	11	2.16
(34,1094)	1:66:A:THR:HG23	1:95:A:ILE:HA	11	2.16
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD2	6	2.16
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD3	6	2.16
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	14	2.16
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	14	2.16
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	14	2.16
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	14	2.16
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	14	2.16
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	14	2.16
(32,1515)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	11	2.16
(32,1515)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	11	2.16
(32,1515)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	11	2.16
(32,1515)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	11	2.16
(32,1515)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	11	2.16
(32,1515)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	11	2.16
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB1	10	2.16
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB2	10	2.16
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB3	10	2.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,482)	1:145:A:PRO:HB2	1:148:A:CYS:H	13	2.16
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB1	10	2.16
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB2	10	2.16
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB3	10	2.16
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	11	2.16
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	11	2.16
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	11	2.16
(13,1934)	1:12:A:VAL:HG11	1:32:A:GLY:HA2	8	2.16
(13,1934)	1:12:A:VAL:HG12	1:32:A:GLY:HA2	8	2.16
(13,1934)	1:12:A:VAL:HG13	1:32:A:GLY:HA2	8	2.16
(13,1934)	1:12:A:VAL:HG21	1:32:A:GLY:HA2	8	2.16
(13,1934)	1:12:A:VAL:HG22	1:32:A:GLY:HA2	8	2.16
(13,1934)	1:12:A:VAL:HG23	1:32:A:GLY:HA2	8	2.16
(13,1848)	1:64:A:LYS:HD2	1:104:A:PHE:HZ	6	2.16
(13,1848)	1:64:A:LYS:HD3	1:104:A:PHE:HZ	6	2.16
(13,1596)	1:12:A:VAL:HA	1:80:A:TYR:HB3	14	2.16
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD2	6	2.16
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD3	6	2.16
(13,877)	1:13:A:ALA:H	1:80:A:TYR:HB2	15	2.16
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD2	6	2.16
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD3	6	2.16
(9,1943)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	5	2.16
(9,1943)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	5	2.16
(9,1943)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	5	2.16
(9,1943)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	5	2.16
(9,923)	1:108:A:GLU:HG3	1:112:A:GLN:H	8	2.16
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD11	5	2.16
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD12	5	2.16
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD13	5	2.16
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD21	5	2.16
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD22	5	2.16
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD23	5	2.16
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	7	2.16
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	7	2.16
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	7	2.16
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	7	2.16
(7,1487)	1:43:A:MET:HE1	1:44:A:GLU:HA	4	2.16
(7,1487)	1:43:A:MET:HE2	1:44:A:GLU:HA	4	2.16
(7,1487)	1:43:A:MET:HE3	1:44:A:GLU:HA	4	2.16
(6,914)	1:108:A:GLU:HG3	1:112:A:GLN:H	8	2.16
(5,1727)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	6	2.16
(5,1727)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	6	2.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1727)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	6	2.16
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD2	6	2.16
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD3	6	2.16
(5,922)	1:108:A:GLU:HG3	1:112:A:GLN:H	3	2.16
(3,1976)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	5	2.16
(3,1976)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	5	2.16
(3,1976)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	5	2.16
(3,1976)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	5	2.16
(2,1645)	1:12:A:VAL:HA	1:80:A:TYR:HB3	14	2.16
(1,919)	1:21:A:THR:HB	1:24:A:ASP:H	3	2.16
(34,826)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	17	2.15
(34,826)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	17	2.15
(34,826)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	17	2.15
(33,2496)	1:144:A:LEU:HD11	1:147:A:ARG:H	19	2.15
(33,2496)	1:144:A:LEU:HD12	1:147:A:ARG:H	19	2.15
(33,2496)	1:144:A:LEU:HD13	1:147:A:ARG:H	19	2.15
(33,2496)	1:144:A:LEU:HD21	1:147:A:ARG:H	19	2.15
(33,2496)	1:144:A:LEU:HD22	1:147:A:ARG:H	19	2.15
(33,2496)	1:144:A:LEU:HD23	1:147:A:ARG:H	19	2.15
(33,1968)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	16	2.15
(33,1968)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	16	2.15
(33,1968)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	16	2.15
(33,1968)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	16	2.15
(33,1968)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	16	2.15
(33,1968)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	16	2.15
(33,1388)	1:19:A:ALA:HB1	1:132:A:ALA:HA	14	2.15
(33,1388)	1:19:A:ALA:HB2	1:132:A:ALA:HA	14	2.15
(33,1388)	1:19:A:ALA:HB3	1:132:A:ALA:HA	14	2.15
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD11	13	2.15
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD12	13	2.15
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD13	13	2.15
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD21	13	2.15
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD22	13	2.15
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD23	13	2.15
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	12	2.15
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	12	2.15
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	12	2.15
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD21	3	2.15
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD22	3	2.15
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD23	3	2.15
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD21	3	2.15
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD22	3	2.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD23	3	2.15
(30,816)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	17	2.15
(30,816)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	17	2.15
(30,816)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	17	2.15
(30,232)	1:44:A:GLU:HG3	1:48:A:ARG:H	10	2.15
(29,2442)	1:144:A:LEU:HD11	1:147:A:ARG:H	19	2.15
(29,2442)	1:144:A:LEU:HD12	1:147:A:ARG:H	19	2.15
(29,2442)	1:144:A:LEU:HD13	1:147:A:ARG:H	19	2.15
(29,2442)	1:144:A:LEU:HD21	1:147:A:ARG:H	19	2.15
(29,2442)	1:144:A:LEU:HD22	1:147:A:ARG:H	19	2.15
(29,2442)	1:144:A:LEU:HD23	1:147:A:ARG:H	19	2.15
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	12	2.15
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	12	2.15
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	12	2.15
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	14	2.15
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	14	2.15
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	14	2.15
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	14	2.15
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	14	2.15
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	14	2.15
(29,572)	1:63:A:ILE:HG21	1:116:A:GLN:H	17	2.15
(29,572)	1:63:A:ILE:HG22	1:116:A:GLN:H	17	2.15
(29,572)	1:63:A:ILE:HG23	1:116:A:GLN:H	17	2.15
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	11	2.15
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	11	2.15
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	11	2.15
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	11	2.15
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	11	2.15
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	11	2.15
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	11	2.15
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	11	2.15
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	11	2.15
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	11	2.15
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	11	2.15
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	11	2.15
(17,2480)	1:144:A:LEU:HD11	1:147:A:ARG:H	19	2.15
(17,2480)	1:144:A:LEU:HD12	1:147:A:ARG:H	19	2.15
(17,2480)	1:144:A:LEU:HD13	1:147:A:ARG:H	19	2.15
(17,2480)	1:144:A:LEU:HD21	1:147:A:ARG:H	19	2.15
(17,2480)	1:144:A:LEU:HD22	1:147:A:ARG:H	19	2.15
(17,2480)	1:144:A:LEU:HD23	1:147:A:ARG:H	19	2.15
(17,1915)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	1	2.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1915)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	1	2.15
(17,1915)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	1	2.15
(17,1915)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	1	2.15
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	14	2.15
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	14	2.15
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	14	2.15
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	14	2.15
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	14	2.15
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	14	2.15
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	3	2.15
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	3	2.15
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	3	2.15
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	3	2.15
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	3	2.15
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	3	2.15
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	3	2.15
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	3	2.15
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	3	2.15
(16,1963)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	16	2.15
(16,1963)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	16	2.15
(16,1963)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	16	2.15
(16,1963)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	16	2.15
(16,1963)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	16	2.15
(16,1963)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	16	2.15
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD11	16	2.15
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD12	16	2.15
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD13	16	2.15
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD21	16	2.15
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD22	16	2.15
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD23	16	2.15
(16,1626)	1:27:A:ARG:HA	1:30:A:LEU:H	19	2.15
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD11	15	2.15
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD12	15	2.15
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD13	15	2.15
(16,54)	1:47:A:ALA:H	1:134:A:VAL:HG11	12	2.15
(16,54)	1:47:A:ALA:H	1:134:A:VAL:HG12	12	2.15
(16,54)	1:47:A:ALA:H	1:134:A:VAL:HG13	12	2.15
(15,2496)	1:144:A:LEU:HD11	1:148:A:CYS:H	7	2.15
(15,2496)	1:144:A:LEU:HD12	1:148:A:CYS:H	7	2.15
(15,2496)	1:144:A:LEU:HD13	1:148:A:CYS:H	7	2.15
(15,2496)	1:144:A:LEU:HD21	1:148:A:CYS:H	7	2.15
(15,2496)	1:144:A:LEU:HD22	1:148:A:CYS:H	7	2.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2496)	1:144:A:LEU:HD23	1:148:A:CYS:H	7	2.15
(15,2492)	1:144:A:LEU:HD11	1:147:A:ARG:H	19	2.15
(15,2492)	1:144:A:LEU:HD12	1:147:A:ARG:H	19	2.15
(15,2492)	1:144:A:LEU:HD13	1:147:A:ARG:H	19	2.15
(15,2492)	1:144:A:LEU:HD21	1:147:A:ARG:H	19	2.15
(15,2492)	1:144:A:LEU:HD22	1:147:A:ARG:H	19	2.15
(15,2492)	1:144:A:LEU:HD23	1:147:A:ARG:H	19	2.15
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	14	2.15
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	14	2.15
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	14	2.15
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	14	2.15
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	14	2.15
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	14	2.15
(13,1817)	1:9:A:PHE:HZ	1:58:A:ILE:HG13	10	2.15
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	8	2.15
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	8	2.15
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	8	2.15
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	8	2.15
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	8	2.15
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	8	2.15
(11,1001)	1:35:A:LEU:HG	1:143:A:TRP:HB3	19	2.15
(11,995)	1:102:A:PRO:HA	1:105:A:LYS:HD2	8	2.15
(11,995)	1:102:A:PRO:HA	1:105:A:LYS:HD3	8	2.15
(9,2430)	1:144:A:LEU:HD11	1:147:A:ARG:H	19	2.15
(9,2430)	1:144:A:LEU:HD12	1:147:A:ARG:H	19	2.15
(9,2430)	1:144:A:LEU:HD13	1:147:A:ARG:H	19	2.15
(9,2430)	1:144:A:LEU:HD21	1:147:A:ARG:H	19	2.15
(9,2430)	1:144:A:LEU:HD22	1:147:A:ARG:H	19	2.15
(9,2430)	1:144:A:LEU:HD23	1:147:A:ARG:H	19	2.15
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	14	2.15
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	14	2.15
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	14	2.15
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	14	2.15
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	14	2.15
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	14	2.15
(6,1982)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	16	2.15
(6,1982)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	16	2.15
(6,1982)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	16	2.15
(6,1982)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	16	2.15
(6,1982)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	16	2.15
(6,1982)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	16	2.15
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	14	2.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	14	2.15
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	14	2.15
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	14	2.15
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	14	2.15
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	14	2.15
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	3	2.15
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	3	2.15
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	3	2.15
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	3	2.15
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	3	2.15
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	3	2.15
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	3	2.15
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	3	2.15
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	3	2.15
(5,2469)	1:144:A:LEU:HD11	1:147:A:ARG:H	19	2.15
(5,2469)	1:144:A:LEU:HD12	1:147:A:ARG:H	19	2.15
(5,2469)	1:144:A:LEU:HD13	1:147:A:ARG:H	19	2.15
(5,2469)	1:144:A:LEU:HD21	1:147:A:ARG:H	19	2.15
(5,2469)	1:144:A:LEU:HD22	1:147:A:ARG:H	19	2.15
(5,2469)	1:144:A:LEU:HD23	1:147:A:ARG:H	19	2.15
(5,1366)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	12	2.15
(5,1366)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	12	2.15
(5,1366)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	12	2.15
(5,1366)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	12	2.15
(5,1366)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	12	2.15
(5,1366)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	12	2.15
(5,1137)	1:40:A:LEU:HA	1:44:A:GLU:HG3	4	2.15
(5,1033)	1:11:A:ILE:HG13	1:44:A:GLU:HG3	18	2.15
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	14	2.15
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	14	2.15
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	14	2.15
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	14	2.15
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	14	2.15
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	14	2.15
(4,815)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	17	2.15
(4,815)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	17	2.15
(4,815)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	17	2.15
(3,1679)	1:134:A:VAL:HG11	1:137:A:SER:H	17	2.15
(3,1679)	1:134:A:VAL:HG12	1:137:A:SER:H	17	2.15
(3,1679)	1:134:A:VAL:HG13	1:137:A:SER:H	17	2.15
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	14	2.15
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	14	2.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	14	2.15
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	14	2.15
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	14	2.15
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	14	2.15
(3,485)	1:145:A:PRO:HB2	1:148:A:CYS:H	9	2.15
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG11	8	2.15
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG12	8	2.15
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG13	8	2.15
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG21	8	2.15
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG22	8	2.15
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG23	8	2.15
(2,1643)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	3	2.15
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG11	17	2.15
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG12	17	2.15
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG13	17	2.15
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG21	17	2.15
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG22	17	2.15
(1,2017)	1:20:A:THR:HG21	1:134:A:VAL:HG23	17	2.15
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG11	17	2.15
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG12	17	2.15
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG13	17	2.15
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG21	17	2.15
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG22	17	2.15
(1,2017)	1:20:A:THR:HG22	1:134:A:VAL:HG23	17	2.15
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG11	17	2.15
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG12	17	2.15
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG13	17	2.15
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG21	17	2.15
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG22	17	2.15
(1,2017)	1:20:A:THR:HG23	1:134:A:VAL:HG23	17	2.15
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	13	2.14
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	13	2.14
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	13	2.14
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	13	2.14
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	13	2.14
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	13	2.14
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	13	2.14
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	13	2.14
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	13	2.14
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	13	2.14
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	13	2.14
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	13	2.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	13	2.14
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	13	2.14
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	13	2.14
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	13	2.14
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	13	2.14
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	13	2.14
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD21	6	2.14
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD22	6	2.14
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD23	6	2.14
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD2	18	2.14
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD3	18	2.14
(33,1627)	1:27:A:ARG:HA	1:30:A:LEU:H	16	2.14
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB1	18	2.14
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB2	18	2.14
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB3	18	2.14
(32,1811)	1:13:A:ALA:HA	1:80:A:TYR:HE1	10	2.14
(32,1811)	1:13:A:ALA:HA	1:80:A:TYR:HE2	10	2.14
(30,2060)	1:31:A:PRO:HD2	1:143:A:TRP:HA	17	2.14
(30,2060)	1:31:A:PRO:HD3	1:143:A:TRP:HA	17	2.14
(30,2058)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	3	2.14
(30,2058)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	3	2.14
(30,2058)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	3	2.14
(30,2058)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	3	2.14
(30,2058)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	3	2.14
(30,2058)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	3	2.14
(30,1153)	1:13:A:ALA:HB1	1:80:A:TYR:HA	19	2.14
(30,1153)	1:13:A:ALA:HB2	1:80:A:TYR:HA	19	2.14
(30,1153)	1:13:A:ALA:HB3	1:80:A:TYR:HA	19	2.14
(18,1817)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	17	2.14
(18,908)	1:67:A:PRO:HD3	1:95:A:ILE:HB	3	2.14
(17,756)	1:43:A:MET:HE1	1:147:A:ARG:HE	16	2.14
(17,756)	1:43:A:MET:HE2	1:147:A:ARG:HE	16	2.14
(17,756)	1:43:A:MET:HE3	1:147:A:ARG:HE	16	2.14
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	9	2.14
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	9	2.14
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	9	2.14
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	9	2.14
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	9	2.14
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	9	2.14
(16,1005)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	13	2.14
(16,1005)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	13	2.14
(16,673)	1:110:A:MET:H	1:111:A:GLU:HG2	7	2.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,673)	1:110:A:MET:H	1:111:A:GLU:HG2	14	2.14
(15,2490)	1:144:A:LEU:HB2	1:148:A:CYS:H	13	2.14
(15,2490)	1:144:A:LEU:HB3	1:148:A:CYS:H	13	2.14
(15,1153)	1:13:A:ALA:HB1	1:80:A:TYR:HA	19	2.14
(15,1153)	1:13:A:ALA:HB2	1:80:A:TYR:HA	19	2.14
(15,1153)	1:13:A:ALA:HB3	1:80:A:TYR:HA	19	2.14
(15,920)	1:125:A:THR:HB	1:128:A:LEU:HG	3	2.14
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD21	6	2.14
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD22	6	2.14
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD23	6	2.14
(13,1131)	1:13:A:ALA:HB1	1:80:A:TYR:HA	19	2.14
(13,1131)	1:13:A:ALA:HB2	1:80:A:TYR:HA	19	2.14
(13,1131)	1:13:A:ALA:HB3	1:80:A:TYR:HA	19	2.14
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD2	18	2.14
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD3	18	2.14
(11,1186)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	3	2.14
(11,1186)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	3	2.14
(11,1186)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	3	2.14
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD2	18	2.14
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD3	18	2.14
(11,847)	1:60:A:LEU:HB3	1:63:A:ILE:HG13	11	2.14
(9,2001)	1:17:A:ASN:HD21	1:78:A:HIS:H	4	2.14
(9,2001)	1:17:A:ASN:HD22	1:78:A:HIS:H	4	2.14
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	13	2.14
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	13	2.14
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	13	2.14
(9,965)	1:141:A:LYS:HB2	1:149:A:ALA:HA	17	2.14
(9,965)	1:141:A:LYS:HB3	1:149:A:ALA:HA	17	2.14
(6,2028)	1:17:A:ASN:HD21	1:78:A:HIS:H	4	2.14
(6,2028)	1:17:A:ASN:HD22	1:78:A:HIS:H	4	2.14
(6,1848)	1:13:A:ALA:HA	1:80:A:TYR:HE1	10	2.14
(6,1848)	1:13:A:ALA:HA	1:80:A:TYR:HE2	10	2.14
(6,840)	1:60:A:LEU:HB3	1:63:A:ILE:HG13	11	2.14
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD2	18	2.14
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD3	18	2.14
(3,1873)	1:13:A:ALA:HA	1:80:A:TYR:HE1	10	2.14
(3,1873)	1:13:A:ALA:HA	1:80:A:TYR:HE2	10	2.14
(2,1145)	1:13:A:ALA:HB1	1:80:A:TYR:HA	19	2.14
(2,1145)	1:13:A:ALA:HB2	1:80:A:TYR:HA	19	2.14
(2,1145)	1:13:A:ALA:HB3	1:80:A:TYR:HA	19	2.14
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG21	11	2.14
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG22	11	2.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG23	11	2.14
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG21	11	2.14
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG22	11	2.14
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG23	11	2.14
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG21	11	2.14
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG22	11	2.14
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG23	11	2.14
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	6	2.13
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	6	2.13
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	6	2.13
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	6	2.13
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	6	2.13
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	6	2.13
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	6	2.13
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	6	2.13
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	6	2.13
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	6	2.13
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	6	2.13
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	6	2.13
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	6	2.13
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	6	2.13
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	6	2.13
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	6	2.13
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	6	2.13
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	6	2.13
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG11	9	2.13
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG12	9	2.13
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG13	9	2.13
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG21	9	2.13
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG22	9	2.13
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG23	9	2.13
(34,1972)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	18	2.13
(34,1972)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	18	2.13
(34,1972)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	18	2.13
(34,1972)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	18	2.13
(34,1972)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	18	2.13
(34,1972)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	18	2.13
(34,1972)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	18	2.13
(34,1972)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	18	2.13
(34,1972)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	18	2.13
(34,1972)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	18	2.13
(34,1972)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	18	2.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1972)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	18	2.13
(34,1841)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	3	2.13
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	10	2.13
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	10	2.13
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	10	2.13
(34,1134)	1:18:A:PHE:HA	1:113:A:PHE:HZ	10	2.13
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD2	8	2.13
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD3	8	2.13
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD2	11	2.13
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD3	11	2.13
(34,842)	1:48:A:ARG:HD2	1:49:A:LYS:HA	13	2.13
(34,842)	1:48:A:ARG:HD3	1:49:A:LYS:HA	13	2.13
(33,1627)	1:27:A:ARG:HA	1:30:A:LEU:H	6	2.13
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE1	10	2.13
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE2	10	2.13
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE1	10	2.13
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE2	10	2.13
(32,1072)	1:18:A:PHE:HA	1:113:A:PHE:HZ	10	2.13
(32,839)	1:30:A:LEU:HB2	1:143:A:TRP:HZ3	14	2.13
(32,839)	1:30:A:LEU:HB3	1:143:A:TRP:HZ3	14	2.13
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD11	6	2.13
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD12	6	2.13
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD13	6	2.13
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD21	6	2.13
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD22	6	2.13
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD23	6	2.13
(30,2058)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	2	2.13
(30,2058)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	2	2.13
(30,2058)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	2	2.13
(30,2058)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	2	2.13
(30,2058)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	2	2.13
(30,2058)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	2	2.13
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD11	6	2.13
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD12	6	2.13
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD13	6	2.13
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD21	6	2.13
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD22	6	2.13
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD23	6	2.13
(29,1847)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	3	2.13
(29,1117)	1:18:A:PHE:HA	1:113:A:PHE:HZ	10	2.13
(29,159)	1:67:A:PRO:HD3	1:95:A:ILE:H	13	2.13
(20,6)	1:52:A:CYS:SG	1:56:A:CYS:SG	1	2.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(20,4)	1:52:A:CYS:SG	1:123:A:CYS:SG	19	2.13
(19,19)	1:56:A:CYS:SG	1:127:A:CYS:CB	1	2.13
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	12	2.13
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	12	2.13
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	12	2.13
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	12	2.13
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	12	2.13
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	12	2.13
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	12	2.13
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	12	2.13
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	12	2.13
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	12	2.13
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	12	2.13
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	12	2.13
(18,1832)	1:13:A:ALA:HA	1:80:A:TYR:HE1	13	2.13
(18,1832)	1:13:A:ALA:HA	1:80:A:TYR:HE2	13	2.13
(17,1846)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	3	2.13
(17,1115)	1:18:A:PHE:HA	1:113:A:PHE:HZ	10	2.13
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD11	14	2.13
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD12	14	2.13
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD13	14	2.13
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD21	14	2.13
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD22	14	2.13
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD23	14	2.13
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD11	14	2.13
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD12	14	2.13
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD13	14	2.13
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD21	14	2.13
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD22	14	2.13
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD23	14	2.13
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD11	14	2.13
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD12	14	2.13
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD13	14	2.13
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD21	14	2.13
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD22	14	2.13
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD23	14	2.13
(16,2088)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	6	2.13
(16,2088)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	6	2.13
(16,2088)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	6	2.13
(16,2088)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	6	2.13
(16,2088)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	6	2.13
(16,2088)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	6	2.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2088)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	6	2.13
(16,2088)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	6	2.13
(16,2088)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	6	2.13
(16,2088)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	6	2.13
(16,2088)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	6	2.13
(16,2088)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	6	2.13
(16,1962)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	18	2.13
(16,1962)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	18	2.13
(16,1962)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	18	2.13
(16,1962)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	18	2.13
(16,1962)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	18	2.13
(16,1962)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	18	2.13
(16,1962)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	18	2.13
(16,1962)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	18	2.13
(16,1962)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	18	2.13
(16,1962)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	18	2.13
(16,1962)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	18	2.13
(16,1962)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	18	2.13
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	11	2.13
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	11	2.13
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	11	2.13
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	11	2.13
(15,1106)	1:18:A:PHE:HA	1:113:A:PHE:HZ	10	2.13
(13,1932)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	18	2.13
(13,1932)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	18	2.13
(13,1932)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	18	2.13
(13,1932)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	18	2.13
(13,1932)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	18	2.13
(13,1932)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	18	2.13
(13,1932)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	18	2.13
(13,1932)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	18	2.13
(13,1932)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	18	2.13
(13,1932)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	18	2.13
(13,1932)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	18	2.13
(13,1932)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	18	2.13
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB2	19	2.13
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB3	19	2.13
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB2	19	2.13
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB3	19	2.13
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB2	19	2.13
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB3	19	2.13
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD2	8	2.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD3	8	2.13
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD2	11	2.13
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD3	11	2.13
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	16	2.13
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	16	2.13
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	16	2.13
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	16	2.13
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	16	2.13
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	16	2.13
(11,2177)	1:46:A:ASN:HD21	1:131:A:LEU:HA	10	2.13
(11,2177)	1:46:A:ASN:HD22	1:131:A:LEU:HA	10	2.13
(11,2092)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	6	2.13
(11,2092)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	6	2.13
(11,2092)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	6	2.13
(11,2092)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	6	2.13
(11,2092)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	6	2.13
(11,2092)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	6	2.13
(11,2092)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	6	2.13
(11,2092)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	6	2.13
(11,2092)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	6	2.13
(11,2092)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	6	2.13
(11,2092)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	6	2.13
(11,2092)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	6	2.13
(11,1993)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	18	2.13
(11,1993)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	18	2.13
(11,1993)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	18	2.13
(11,1993)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	18	2.13
(11,1993)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	18	2.13
(11,1993)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	18	2.13
(11,1993)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	18	2.13
(11,1993)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	18	2.13
(11,1993)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	18	2.13
(11,1993)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	18	2.13
(11,1993)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	18	2.13
(11,1993)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	18	2.13
(11,1422)	1:56:A:CYS:HA	1:120:A:CYS:HA	6	2.13
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD2	8	2.13
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD3	8	2.13
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD2	11	2.13
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD3	11	2.13
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	17	2.13
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	17	2.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	17	2.13
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	17	2.13
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	17	2.13
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	17	2.13
(9,1821)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	3	2.13
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD11	12	2.13
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD12	12	2.13
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD13	12	2.13
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD21	12	2.13
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD22	12	2.13
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD23	12	2.13
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD11	3	2.13
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD12	3	2.13
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD13	3	2.13
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD21	3	2.13
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD22	3	2.13
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD23	3	2.13
(7,743)	1:43:A:MET:HE1	1:134:A:VAL:H	12	2.13
(7,743)	1:43:A:MET:HE2	1:134:A:VAL:H	12	2.13
(7,743)	1:43:A:MET:HE3	1:134:A:VAL:H	12	2.13
(6,1981)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	18	2.13
(6,1981)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	18	2.13
(6,1981)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	18	2.13
(6,1981)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	18	2.13
(6,1981)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	18	2.13
(6,1981)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	18	2.13
(6,1981)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	18	2.13
(6,1981)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	18	2.13
(6,1981)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	18	2.13
(6,1981)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	18	2.13
(6,1981)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	18	2.13
(6,1981)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	18	2.13
(6,1911)	1:18:A:PHE:HA	1:113:A:PHE:HE1	1	2.13
(6,1911)	1:18:A:PHE:HA	1:113:A:PHE:HE2	1	2.13
(6,1834)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	3	2.13
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	3	2.13
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	3	2.13
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	3	2.13
(6,1088)	1:18:A:PHE:HA	1:113:A:PHE:HZ	10	2.13
(6,828)	1:48:A:ARG:HD2	1:49:A:LYS:HA	4	2.13
(6,828)	1:48:A:ARG:HD3	1:49:A:LYS:HA	4	2.13
(6,152)	1:67:A:PRO:HD3	1:95:A:ILE:H	13	2.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1026)	1:112:A:GLN:HG2	1:113:A:PHE:HA	7	2.13
(5,1026)	1:112:A:GLN:HG3	1:113:A:PHE:HA	7	2.13
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD2	8	2.13
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD3	8	2.13
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD2	11	2.13
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD3	11	2.13
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG21	7	2.13
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG22	7	2.13
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG23	7	2.13
(5,896)	1:21:A:THR:HB	1:24:A:ASP:H	3	2.13
(5,843)	1:43:A:MET:HE1	1:144:A:LEU:HB3	14	2.13
(5,843)	1:43:A:MET:HE2	1:144:A:LEU:HB3	14	2.13
(5,843)	1:43:A:MET:HE3	1:144:A:LEU:HB3	14	2.13
(5,843)	1:43:A:MET:HE1	1:144:A:LEU:HB2	14	2.13
(5,843)	1:43:A:MET:HE2	1:144:A:LEU:HB2	14	2.13
(5,843)	1:43:A:MET:HE3	1:144:A:LEU:HB2	14	2.13
(5,147)	1:67:A:PRO:HD3	1:95:A:ILE:H	13	2.13
(4,1436)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	4	2.13
(4,1436)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	4	2.13
(4,1436)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	4	2.13
(4,1088)	1:18:A:PHE:HA	1:113:A:PHE:HZ	10	2.13
(4,740)	1:43:A:MET:HE1	1:134:A:VAL:H	12	2.13
(4,740)	1:43:A:MET:HE2	1:134:A:VAL:H	12	2.13
(4,740)	1:43:A:MET:HE3	1:134:A:VAL:H	12	2.13
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE1	10	2.13
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE2	10	2.13
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE1	10	2.13
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE2	10	2.13
(3,1996)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	7	2.13
(3,1996)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	7	2.13
(3,1996)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	7	2.13
(3,1996)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	7	2.13
(3,1996)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	7	2.13
(3,1996)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	7	2.13
(3,1996)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	7	2.13
(3,1996)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	7	2.13
(3,1996)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	7	2.13
(3,1996)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	7	2.13
(3,1996)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	7	2.13
(3,1996)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	7	2.13
(3,1875)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	11	2.13
(3,1875)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	11	2.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1875)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	11	2.13
(3,1875)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	11	2.13
(3,1859)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	3	2.13
(3,1643)	1:22:A:ASP:H	1:24:A:ASP:HA	4	2.13
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	19	2.13
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	19	2.13
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	19	2.13
(3,1126)	1:18:A:PHE:HA	1:113:A:PHE:HZ	10	2.13
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	3	2.13
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	3	2.13
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	3	2.13
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG11	6	2.13
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG12	6	2.13
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG13	6	2.13
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG21	6	2.13
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG22	6	2.13
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG23	6	2.13
(2,1845)	1:9:A:PHE:HZ	1:54:A:ARG:HE	11	2.13
(1,2056)	1:31:A:PRO:HD2	1:143:A:TRP:HA	10	2.13
(1,2056)	1:31:A:PRO:HD3	1:143:A:TRP:HA	10	2.13
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	2	2.13
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	2	2.13
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	2	2.13
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	2	2.13
(1,1842)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	3	2.13
(1,1709)	1:43:A:MET:HE1	1:131:A:LEU:HA	13	2.13
(1,1709)	1:43:A:MET:HE2	1:131:A:LEU:HA	13	2.13
(1,1709)	1:43:A:MET:HE3	1:131:A:LEU:HA	13	2.13
(1,1482)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	10	2.13
(1,1482)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	10	2.13
(1,1482)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	10	2.13
(34,1903)	1:18:A:PHE:HE1	1:57:A:LEU:HG	11	2.12
(34,1903)	1:18:A:PHE:HE2	1:57:A:LEU:HG	11	2.12
(34,1305)	1:44:A:GLU:HG2	1:45:A:ALA:HA	10	2.12
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD2	11	2.12
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD3	11	2.12
(33,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	19	2.12
(33,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	19	2.12
(33,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	19	2.12
(33,1284)	1:44:A:GLU:HG2	1:45:A:ALA:HA	10	2.12
(32,1585)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	19	2.12
(32,1585)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	19	2.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1585)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	19	2.12
(30,1271)	1:44:A:GLU:HG2	1:45:A:ALA:HA	10	2.12
(30,989)	1:35:A:LEU:HG	1:143:A:TRP:HB3	2	2.12
(29,1838)	1:9:A:PHE:HZ	1:54:A:ARG:HE	14	2.12
(29,1711)	1:53:A:THR:H	1:124:A:THR:HB	12	2.12
(29,1711)	1:53:A:THR:H	1:124:A:THR:HB	19	2.12
(29,1287)	1:44:A:GLU:HG2	1:45:A:ALA:HA	10	2.12
(29,998)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	13	2.12
(29,998)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	13	2.12
(29,714)	1:23:A:LEU:HB2	1:27:A:ARG:HE	6	2.12
(29,714)	1:23:A:LEU:HB3	1:27:A:ARG:HE	6	2.12
(29,660)	1:96:A:VAL:HA	1:116:A:GLN:HE22	9	2.12
(18,667)	1:96:A:VAL:HA	1:116:A:GLN:HE22	9	2.12
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD11	13	2.12
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD12	13	2.12
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD13	13	2.12
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD21	13	2.12
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD22	13	2.12
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD23	13	2.12
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD11	13	2.12
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD12	13	2.12
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD13	13	2.12
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD21	13	2.12
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD22	13	2.12
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD23	13	2.12
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD11	13	2.12
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD12	13	2.12
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD13	13	2.12
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD21	13	2.12
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD22	13	2.12
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD23	13	2.12
(17,1772)	1:39:A:VAL:HB	1:139:A:LEU:HA	9	2.12
(17,1129)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	19	2.12
(17,1129)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	19	2.12
(16,2090)	1:35:A:LEU:HD11	1:143:A:TRP:HA	3	2.12
(16,2090)	1:35:A:LEU:HD12	1:143:A:TRP:HA	3	2.12
(16,2090)	1:35:A:LEU:HD13	1:143:A:TRP:HA	3	2.12
(16,2090)	1:35:A:LEU:HD21	1:143:A:TRP:HA	3	2.12
(16,2090)	1:35:A:LEU:HD22	1:143:A:TRP:HA	3	2.12
(16,2090)	1:35:A:LEU:HD23	1:143:A:TRP:HA	3	2.12
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD11	15	2.12
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD12	15	2.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD13	15	2.12
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD21	15	2.12
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD22	15	2.12
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD23	15	2.12
(16,884)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	11	2.12
(16,884)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	11	2.12
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	13	2.12
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	13	2.12
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	13	2.12
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	13	2.12
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	13	2.12
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	13	2.12
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	2	2.12
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	2	2.12
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	2	2.12
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	2	2.12
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	2	2.12
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	2	2.12
(11,2254)	1:69:A:MET:HG2	1:70:A:LYS:HE2	14	2.12
(11,2254)	1:69:A:MET:HG2	1:70:A:LYS:HE3	14	2.12
(11,2254)	1:69:A:MET:HG3	1:70:A:LYS:HE2	14	2.12
(11,2254)	1:69:A:MET:HG3	1:70:A:LYS:HE3	14	2.12
(11,1294)	1:44:A:GLU:HG2	1:45:A:ALA:HA	10	2.12
(11,995)	1:102:A:PRO:HA	1:105:A:LYS:HD2	17	2.12
(11,995)	1:102:A:PRO:HA	1:105:A:LYS:HD3	17	2.12
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	15	2.12
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	15	2.12
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	15	2.12
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	15	2.12
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	15	2.12
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	15	2.12
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	10	2.12
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	10	2.12
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	10	2.12
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	10	2.12
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	10	2.12
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	10	2.12
(9,1275)	1:44:A:GLU:HG2	1:45:A:ALA:HA	10	2.12
(9,985)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	13	2.12
(9,985)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	13	2.12
(7,1269)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	17	2.12
(7,1269)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	17	2.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1269)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	17	2.12
(7,1259)	1:44:A:GLU:HG2	1:45:A:ALA:HA	10	2.12
(7,1209)	1:79:A:THR:HG21	1:81:A:GLU:HA	14	2.12
(7,1209)	1:79:A:THR:HG22	1:81:A:GLU:HA	14	2.12
(7,1209)	1:79:A:THR:HG23	1:81:A:GLU:HA	14	2.12
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	13	2.12
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	13	2.12
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	13	2.12
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	13	2.12
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	13	2.12
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	13	2.12
(6,1265)	1:44:A:GLU:HG2	1:45:A:ALA:HA	10	2.12
(6,979)	1:31:A:PRO:HB2	1:144:A:LEU:HB3	18	2.12
(6,979)	1:31:A:PRO:HB3	1:144:A:LEU:HB3	18	2.12
(5,367)	1:41:A:LYS:H	1:44:A:GLU:HG3	11	2.12
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	13	2.12
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	13	2.12
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	13	2.12
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	13	2.12
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	13	2.12
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	13	2.12
(4,748)	1:32:A:GLY:HA2	1:34:A:LYS:H	4	2.12
(3,1933)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	19	2.12
(3,1933)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	19	2.12
(3,1933)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	19	2.12
(3,1933)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	19	2.12
(3,1653)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	19	2.12
(3,1653)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	19	2.12
(3,1653)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	19	2.12
(3,1302)	1:44:A:GLU:HG2	1:45:A:ALA:HA	10	2.12
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD11	5	2.12
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD12	5	2.12
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD13	5	2.12
(3,992)	1:31:A:PRO:HB2	1:143:A:TRP:HA	16	2.12
(3,992)	1:31:A:PRO:HB3	1:143:A:TRP:HA	16	2.12
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	15	2.12
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	15	2.12
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	15	2.12
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	15	2.12
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	15	2.12
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	15	2.12
(3,714)	1:23:A:LEU:HB2	1:27:A:ARG:HE	6	2.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,714)	1:23:A:LEU:HB3	1:27:A:ARG:HE	6	2.12
(2,1922)	1:18:A:PHE:HE1	1:57:A:LEU:HG	11	2.12
(2,1922)	1:18:A:PHE:HE2	1:57:A:LEU:HG	11	2.12
(2,1638)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	19	2.12
(2,1638)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	19	2.12
(2,1638)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	19	2.12
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG21	12	2.12
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG22	12	2.12
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG23	12	2.12
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG11	12	2.12
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG12	12	2.12
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG13	12	2.12
(2,1110)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	19	2.12
(2,1110)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	19	2.12
(1,1636)	1:10:A:ASN:HB3	1:14:A:VAL:HB	13	2.12
(1,662)	1:96:A:VAL:HA	1:116:A:GLN:HE22	9	2.12
(33,1627)	1:27:A:ARG:HA	1:30:A:LEU:H	18	2.11
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB1	13	2.11
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB2	13	2.11
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB3	13	2.11
(33,747)	1:105:A:LYS:HG3	1:112:A:GLN:HE21	10	2.11
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG2	11	2.11
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	11	2.11
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG2	11	2.11
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	11	2.11
(32,839)	1:30:A:LEU:HB2	1:143:A:TRP:HZ3	18	2.11
(32,839)	1:30:A:LEU:HB3	1:143:A:TRP:HZ3	18	2.11
(29,773)	1:37:A:LEU:H	1:40:A:LEU:HB3	17	2.11
(19,9)	1:127:A:CYS:SG	1:123:A:CYS:CB	3	2.11
(19,9)	1:127:A:CYS:SG	1:123:A:CYS:CB	6	2.11
(19,9)	1:127:A:CYS:SG	1:123:A:CYS:CB	17	2.11
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD11	1	2.11
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD12	1	2.11
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD13	1	2.11
(15,1175)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	3	2.11
(15,1175)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	3	2.11
(15,1175)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	3	2.11
(13,1315)	1:105:A:LYS:HG2	1:106:A:ASP:HA	9	2.11
(13,873)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	1	2.11
(13,873)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	1	2.11
(13,873)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	1	2.11
(11,2254)	1:69:A:MET:HG2	1:70:A:LYS:HE2	9	2.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2254)	1:69:A:MET:HG2	1:70:A:LYS:HE3	9	2.11
(11,2254)	1:69:A:MET:HG3	1:70:A:LYS:HE2	9	2.11
(11,2254)	1:69:A:MET:HG3	1:70:A:LYS:HE3	9	2.11
(11,1363)	1:105:A:LYS:HG2	1:106:A:ASP:HA	9	2.11
(11,1241)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	3	2.11
(11,1241)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	3	2.11
(11,1241)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	3	2.11
(11,1186)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	10	2.11
(11,1186)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	10	2.11
(11,1186)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	10	2.11
(9,2023)	1:23:A:LEU:HD11	1:147:A:ARG:H	11	2.11
(9,2023)	1:23:A:LEU:HD12	1:147:A:ARG:H	11	2.11
(9,2023)	1:23:A:LEU:HD13	1:147:A:ARG:H	11	2.11
(9,2023)	1:23:A:LEU:HD21	1:147:A:ARG:H	11	2.11
(9,2023)	1:23:A:LEU:HD22	1:147:A:ARG:H	11	2.11
(9,2023)	1:23:A:LEU:HD23	1:147:A:ARG:H	11	2.11
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	1	2.11
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	1	2.11
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	1	2.11
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	1	2.11
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD11	17	2.11
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD12	17	2.11
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD13	17	2.11
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD21	17	2.11
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD22	17	2.11
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD23	17	2.11
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	13	2.11
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	13	2.11
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	13	2.11
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	13	2.11
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	13	2.11
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	13	2.11
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	13	2.11
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	13	2.11
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	13	2.11
(5,1361)	1:105:A:LYS:HG2	1:106:A:ASP:HA	9	2.11
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	1	2.11
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	1	2.11
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	1	2.11
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	1	2.11
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG21	15	2.11
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG22	15	2.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG23	15	2.11
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG11	15	2.11
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG12	15	2.11
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG13	15	2.11
(2,1136)	1:10:A:ASN:HD22	1:80:A:TYR:HA	3	2.11
(1,2052)	1:30:A:LEU:HD11	1:144:A:LEU:HA	15	2.11
(1,2052)	1:30:A:LEU:HD12	1:144:A:LEU:HA	15	2.11
(1,2052)	1:30:A:LEU:HD13	1:144:A:LEU:HA	15	2.11
(1,2052)	1:30:A:LEU:HD21	1:144:A:LEU:HA	15	2.11
(1,2052)	1:30:A:LEU:HD22	1:144:A:LEU:HA	15	2.11
(1,2052)	1:30:A:LEU:HD23	1:144:A:LEU:HA	15	2.11
(1,1636)	1:10:A:ASN:HB3	1:14:A:VAL:HB	19	2.11
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG2	3	2.11
(1,950)	1:68:A:LYS:HE2	1:93:A:GLU:HG3	3	2.11
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG2	3	2.11
(1,950)	1:68:A:LYS:HE3	1:93:A:GLU:HG3	3	2.11
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	8	2.1
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	8	2.1
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	8	2.1
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	8	2.1
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	8	2.1
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	8	2.1
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	8	2.1
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	8	2.1
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	8	2.1
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	8	2.1
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	8	2.1
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	8	2.1
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	17	2.1
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	17	2.1
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	17	2.1
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	17	2.1
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	17	2.1
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	17	2.1
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	17	2.1
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	17	2.1
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	17	2.1
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	17	2.1
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	17	2.1
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	17	2.1
(34,1978)	1:12:A:VAL:HG11	1:79:A:THR:HB	12	2.1
(34,1978)	1:12:A:VAL:HG12	1:79:A:THR:HB	12	2.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1978)	1:12:A:VAL:HG13	1:79:A:THR:HB	12	2.1
(34,1978)	1:12:A:VAL:HG21	1:79:A:THR:HB	12	2.1
(34,1978)	1:12:A:VAL:HG22	1:79:A:THR:HB	12	2.1
(34,1978)	1:12:A:VAL:HG23	1:79:A:THR:HB	12	2.1
(34,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	4	2.1
(34,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	4	2.1
(34,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	4	2.1
(34,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	4	2.1
(34,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	4	2.1
(34,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	4	2.1
(34,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	4	2.1
(34,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	4	2.1
(34,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	4	2.1
(34,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	4	2.1
(34,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	4	2.1
(34,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	4	2.1
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	9	2.1
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	9	2.1
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	9	2.1
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD2	6	2.1
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD3	6	2.1
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG11	13	2.1
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG12	13	2.1
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG13	13	2.1
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG21	13	2.1
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG22	13	2.1
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG23	13	2.1
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG11	13	2.1
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG12	13	2.1
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG13	13	2.1
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG21	13	2.1
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG22	13	2.1
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG23	13	2.1
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG11	13	2.1
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG12	13	2.1
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG13	13	2.1
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG21	13	2.1
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG22	13	2.1
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG23	13	2.1
(33,2054)	1:27:A:ARG:HE	1:30:A:LEU:HD11	10	2.1
(33,2054)	1:27:A:ARG:HE	1:30:A:LEU:HD12	10	2.1
(33,2054)	1:27:A:ARG:HE	1:30:A:LEU:HD13	10	2.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2054)	1:27:A:ARG:HE	1:30:A:LEU:HD21	10	2.1
(33,2054)	1:27:A:ARG:HE	1:30:A:LEU:HD22	10	2.1
(33,2054)	1:27:A:ARG:HE	1:30:A:LEU:HD23	10	2.1
(33,1692)	1:43:A:MET:HE1	1:137:A:SER:H	4	2.1
(33,1692)	1:43:A:MET:HE2	1:137:A:SER:H	4	2.1
(33,1692)	1:43:A:MET:HE3	1:137:A:SER:H	4	2.1
(33,1627)	1:27:A:ARG:HA	1:30:A:LEU:H	7	2.1
(33,881)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	11	2.1
(33,881)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	11	2.1
(32,2022)	1:27:A:ARG:HE	1:30:A:LEU:HD11	10	2.1
(32,2022)	1:27:A:ARG:HE	1:30:A:LEU:HD12	10	2.1
(32,2022)	1:27:A:ARG:HE	1:30:A:LEU:HD13	10	2.1
(32,2022)	1:27:A:ARG:HE	1:30:A:LEU:HD21	10	2.1
(32,2022)	1:27:A:ARG:HE	1:30:A:LEU:HD22	10	2.1
(32,2022)	1:27:A:ARG:HE	1:30:A:LEU:HD23	10	2.1
(30,989)	1:35:A:LEU:HG	1:143:A:TRP:HB3	19	2.1
(29,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	4	2.1
(29,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	4	2.1
(29,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	4	2.1
(29,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	4	2.1
(29,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	4	2.1
(29,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	4	2.1
(29,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	4	2.1
(29,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	4	2.1
(29,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	4	2.1
(29,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	4	2.1
(29,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	4	2.1
(29,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	4	2.1
(19,6)	1:123:A:CYS:SG	1:52:A:CYS:CB	12	2.1
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	17	2.1
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	17	2.1
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	17	2.1
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	17	2.1
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	17	2.1
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	17	2.1
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	17	2.1
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	17	2.1
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	17	2.1
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	17	2.1
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	17	2.1
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	17	2.1
(18,1970)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	4	2.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1970)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	4	2.1
(18,1970)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	4	2.1
(18,1970)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	4	2.1
(18,1970)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	4	2.1
(18,1970)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	4	2.1
(18,1970)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	4	2.1
(18,1970)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	4	2.1
(18,1970)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	4	2.1
(18,1970)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	4	2.1
(18,1970)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	4	2.1
(18,1970)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	4	2.1
(18,1947)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	2	2.1
(18,1947)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	2	2.1
(18,1947)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	2	2.1
(18,1947)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	2	2.1
(16,1626)	1:27:A:ARG:HA	1:30:A:LEU:H	13	2.1
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	14	2.1
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	14	2.1
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	14	2.1
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	14	2.1
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	14	2.1
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	14	2.1
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	14	2.1
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	14	2.1
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	14	2.1
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	14	2.1
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	14	2.1
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	14	2.1
(13,1931)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	4	2.1
(13,1931)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	4	2.1
(13,1931)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	4	2.1
(13,1931)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	4	2.1
(13,1931)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	4	2.1
(13,1931)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	4	2.1
(13,1931)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	4	2.1
(13,1931)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	4	2.1
(13,1931)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	4	2.1
(13,1931)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	4	2.1
(13,1931)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	4	2.1
(13,1931)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	4	2.1
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	8	2.1
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	8	2.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	8	2.1
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	8	2.1
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	8	2.1
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	8	2.1
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	8	2.1
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	8	2.1
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	8	2.1
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	17	2.1
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	17	2.1
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	17	2.1
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	17	2.1
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	17	2.1
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	17	2.1
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	17	2.1
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	17	2.1
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	17	2.1
(11,1967)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	2	2.1
(11,1967)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	2	2.1
(11,1967)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	2	2.1
(11,1967)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	2	2.1
(11,1943)	1:11:A:ILE:HD11	1:18:A:PHE:HZ	6	2.1
(11,1943)	1:11:A:ILE:HD12	1:18:A:PHE:HZ	6	2.1
(11,1943)	1:11:A:ILE:HD13	1:18:A:PHE:HZ	6	2.1
(11,940)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	18	2.1
(9,1942)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	2	2.1
(9,1942)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	2	2.1
(9,1942)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	2	2.1
(9,1942)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	2	2.1
(9,1749)	1:39:A:VAL:HB	1:139:A:LEU:HA	11	2.1
(7,2011)	1:27:A:ARG:HE	1:30:A:LEU:HD11	10	2.1
(7,2011)	1:27:A:ARG:HE	1:30:A:LEU:HD12	10	2.1
(7,2011)	1:27:A:ARG:HE	1:30:A:LEU:HD13	10	2.1
(7,2011)	1:27:A:ARG:HE	1:30:A:LEU:HD21	10	2.1
(7,2011)	1:27:A:ARG:HE	1:30:A:LEU:HD22	10	2.1
(7,2011)	1:27:A:ARG:HE	1:30:A:LEU:HD23	10	2.1
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE1	19	2.1
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE2	19	2.1
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE3	19	2.1
(6,1698)	1:43:A:MET:HE1	1:137:A:SER:H	4	2.1
(6,1698)	1:43:A:MET:HE2	1:137:A:SER:H	4	2.1
(6,1698)	1:43:A:MET:HE3	1:137:A:SER:H	4	2.1
(5,2471)	1:144:A:LEU:HD11	1:147:A:ARG:HB2	7	2.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2471)	1:144:A:LEU:HD11	1:147:A:ARG:HB3	7	2.1
(5,2471)	1:144:A:LEU:HD12	1:147:A:ARG:HB2	7	2.1
(5,2471)	1:144:A:LEU:HD12	1:147:A:ARG:HB3	7	2.1
(5,2471)	1:144:A:LEU:HD13	1:147:A:ARG:HB2	7	2.1
(5,2471)	1:144:A:LEU:HD13	1:147:A:ARG:HB3	7	2.1
(5,2471)	1:144:A:LEU:HD21	1:147:A:ARG:HB2	7	2.1
(5,2471)	1:144:A:LEU:HD21	1:147:A:ARG:HB3	7	2.1
(5,2471)	1:144:A:LEU:HD22	1:147:A:ARG:HB2	7	2.1
(5,2471)	1:144:A:LEU:HD22	1:147:A:ARG:HB3	7	2.1
(5,2471)	1:144:A:LEU:HD23	1:147:A:ARG:HB2	7	2.1
(5,2471)	1:144:A:LEU:HD23	1:147:A:ARG:HB3	7	2.1
(5,1893)	1:9:A:PHE:HE1	1:14:A:VAL:HB	9	2.1
(5,1893)	1:9:A:PHE:HE2	1:14:A:VAL:HB	9	2.1
(5,1123)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	6	2.1
(5,1123)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	6	2.1
(5,1123)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	6	2.1
(5,1123)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	6	2.1
(5,1123)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	6	2.1
(5,1123)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	6	2.1
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG11	18	2.1
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG12	18	2.1
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG13	18	2.1
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG21	18	2.1
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG22	18	2.1
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG23	18	2.1
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG11	18	2.1
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG12	18	2.1
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG13	18	2.1
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG21	18	2.1
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG22	18	2.1
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG23	18	2.1
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG11	18	2.1
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG12	18	2.1
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG13	18	2.1
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG21	18	2.1
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG22	18	2.1
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG23	18	2.1
(4,2050)	1:27:A:ARG:HE	1:30:A:LEU:HD11	10	2.1
(4,2050)	1:27:A:ARG:HE	1:30:A:LEU:HD12	10	2.1
(4,2050)	1:27:A:ARG:HE	1:30:A:LEU:HD13	10	2.1
(4,2050)	1:27:A:ARG:HE	1:30:A:LEU:HD21	10	2.1
(4,2050)	1:27:A:ARG:HE	1:30:A:LEU:HD22	10	2.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2050)	1:27:A:ARG:HE	1:30:A:LEU:HD23	10	2.1
(3,1975)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	2	2.1
(3,1975)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	2	2.1
(3,1975)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	2	2.1
(3,1975)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	2	2.1
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD21	14	2.1
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD22	14	2.1
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD23	14	2.1
(2,1170)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	3	2.1
(2,1170)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	3	2.1
(2,1170)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	3	2.1
(1,1861)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	14	2.1
(1,1861)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	14	2.1
(1,1861)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	14	2.1
(1,1861)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	14	2.1
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG21	2	2.1
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG22	2	2.1
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG23	2	2.1
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG11	1	2.09
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG12	1	2.09
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG13	1	2.09
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG21	1	2.09
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG22	1	2.09
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG23	1	2.09
(34,1973)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	14	2.09
(34,1973)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	14	2.09
(34,1973)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	14	2.09
(34,1973)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	14	2.09
(34,1973)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	14	2.09
(34,1973)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	14	2.09
(34,1972)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	14	2.09
(34,1972)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	14	2.09
(34,1972)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	14	2.09
(34,1972)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	14	2.09
(34,1972)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	14	2.09
(34,1972)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	14	2.09
(34,1972)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	14	2.09
(34,1972)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	14	2.09
(34,1972)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	14	2.09
(34,1972)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	14	2.09
(34,1972)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	14	2.09
(34,1972)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	14	2.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	14	2.09
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	14	2.09
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	14	2.09
(33,572)	1:11:A:ILE:HD11	1:16:A:SER:H	14	2.09
(33,572)	1:11:A:ILE:HD12	1:16:A:SER:H	14	2.09
(33,572)	1:11:A:ILE:HD13	1:16:A:SER:H	14	2.09
(32,2488)	1:144:A:LEU:HD11	1:146:A:GLN:HE21	6	2.09
(32,2488)	1:144:A:LEU:HD11	1:146:A:GLN:HE22	6	2.09
(32,2488)	1:144:A:LEU:HD12	1:146:A:GLN:HE21	6	2.09
(32,2488)	1:144:A:LEU:HD12	1:146:A:GLN:HE22	6	2.09
(32,2488)	1:144:A:LEU:HD13	1:146:A:GLN:HE21	6	2.09
(32,2488)	1:144:A:LEU:HD13	1:146:A:GLN:HE22	6	2.09
(32,2488)	1:144:A:LEU:HD21	1:146:A:GLN:HE21	6	2.09
(32,2488)	1:144:A:LEU:HD21	1:146:A:GLN:HE22	6	2.09
(32,2488)	1:144:A:LEU:HD22	1:146:A:GLN:HE21	6	2.09
(32,2488)	1:144:A:LEU:HD22	1:146:A:GLN:HE22	6	2.09
(32,2488)	1:144:A:LEU:HD23	1:146:A:GLN:HE21	6	2.09
(32,2488)	1:144:A:LEU:HD23	1:146:A:GLN:HE22	6	2.09
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	11	2.09
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	11	2.09
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	11	2.09
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	11	2.09
(30,1713)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	3	2.09
(30,1713)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	3	2.09
(30,1713)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	3	2.09
(30,1713)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	3	2.09
(30,1713)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	3	2.09
(30,1713)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	3	2.09
(29,1993)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	14	2.09
(29,1993)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	14	2.09
(29,1993)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	14	2.09
(29,1993)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	14	2.09
(29,1993)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	14	2.09
(29,1993)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	14	2.09
(29,1894)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	4	2.09
(29,1894)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	4	2.09
(29,1894)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	4	2.09
(29,1894)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	4	2.09
(29,1711)	1:53:A:THR:H	1:124:A:THR:HB	4	2.09
(29,1521)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	3	2.09
(29,1521)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	3	2.09
(29,1521)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	3	2.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1972)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	14	2.09
(18,1972)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	14	2.09
(18,1972)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	14	2.09
(18,1972)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	14	2.09
(18,1972)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	14	2.09
(18,1972)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	14	2.09
(16,1962)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	14	2.09
(16,1962)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	14	2.09
(16,1962)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	14	2.09
(16,1962)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	14	2.09
(16,1962)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	14	2.09
(16,1962)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	14	2.09
(16,1962)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	14	2.09
(16,1962)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	14	2.09
(16,1962)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	14	2.09
(16,1962)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	14	2.09
(16,1962)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	14	2.09
(16,1962)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	14	2.09
(16,1018)	1:95:A:ILE:HG21	1:105:A:LYS:HB2	4	2.09
(16,1018)	1:95:A:ILE:HG21	1:105:A:LYS:HB3	4	2.09
(16,1018)	1:95:A:ILE:HG22	1:105:A:LYS:HB2	4	2.09
(16,1018)	1:95:A:ILE:HG22	1:105:A:LYS:HB3	4	2.09
(16,1018)	1:95:A:ILE:HG23	1:105:A:LYS:HB2	4	2.09
(16,1018)	1:95:A:ILE:HG23	1:105:A:LYS:HB3	4	2.09
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	6	2.09
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	6	2.09
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	6	2.09
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	6	2.09
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	6	2.09
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	6	2.09
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	6	2.09
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	6	2.09
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	6	2.09
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	6	2.09
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	6	2.09
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	6	2.09
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	6	2.09
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	6	2.09
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	6	2.09
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	6	2.09
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	6	2.09
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	6	2.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1933)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	14	2.09
(13,1933)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	14	2.09
(13,1933)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	14	2.09
(13,1933)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	14	2.09
(13,1933)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	14	2.09
(13,1933)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	14	2.09
(13,1932)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	14	2.09
(13,1932)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	14	2.09
(13,1932)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	14	2.09
(13,1932)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	14	2.09
(13,1932)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	14	2.09
(13,1932)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	14	2.09
(13,1932)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	14	2.09
(13,1932)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	14	2.09
(13,1932)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	14	2.09
(13,1932)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	14	2.09
(13,1932)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	14	2.09
(13,1932)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	14	2.09
(13,1817)	1:9:A:PHE:HZ	1:58:A:ILE:HG13	12	2.09
(13,1315)	1:105:A:LYS:HG2	1:106:A:ASP:HA	7	2.09
(13,1315)	1:105:A:LYS:HG2	1:106:A:ASP:HA	17	2.09
(11,2177)	1:46:A:ASN:HD21	1:131:A:LEU:HA	2	2.09
(11,2177)	1:46:A:ASN:HD22	1:131:A:LEU:HA	2	2.09
(11,1994)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	14	2.09
(11,1994)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	14	2.09
(11,1994)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	14	2.09
(11,1994)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	14	2.09
(11,1994)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	14	2.09
(11,1994)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	14	2.09
(11,1993)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	14	2.09
(11,1993)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	14	2.09
(11,1993)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	14	2.09
(11,1993)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	14	2.09
(11,1993)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	14	2.09
(11,1993)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	14	2.09
(11,1993)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	14	2.09
(11,1993)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	14	2.09
(11,1993)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	14	2.09
(11,1993)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	14	2.09
(11,1993)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	14	2.09
(11,1993)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	14	2.09
(11,1363)	1:105:A:LYS:HG2	1:106:A:ASP:HA	7	2.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1363)	1:105:A:LYS:HG2	1:106:A:ASP:HA	17	2.09
(11,1239)	1:34:A:LYS:H	1:81:A:GLU:HA	1	2.09
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	2	2.09
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	2	2.09
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	2	2.09
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	2	2.09
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	2	2.09
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	2	2.09
(9,923)	1:108:A:GLU:HG3	1:112:A:GLN:H	11	2.09
(7,574)	1:11:A:ILE:HD11	1:16:A:SER:H	14	2.09
(7,574)	1:11:A:ILE:HD12	1:16:A:SER:H	14	2.09
(7,574)	1:11:A:ILE:HD13	1:16:A:SER:H	14	2.09
(6,1981)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	14	2.09
(6,1981)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	14	2.09
(6,1981)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	14	2.09
(6,1981)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	14	2.09
(6,1981)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	14	2.09
(6,1981)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	14	2.09
(6,1981)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	14	2.09
(6,1981)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	14	2.09
(6,1981)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	14	2.09
(6,1981)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	14	2.09
(6,1981)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	14	2.09
(6,1981)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	14	2.09
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG21	5	2.09
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG22	5	2.09
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG23	5	2.09
(6,914)	1:108:A:GLU:HG3	1:112:A:GLN:H	11	2.09
(5,1361)	1:105:A:LYS:HG2	1:106:A:ASP:HA	7	2.09
(5,1361)	1:105:A:LYS:HG2	1:106:A:ASP:HA	17	2.09
(4,1960)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	14	2.09
(4,1960)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	14	2.09
(4,1960)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	14	2.09
(4,1960)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	14	2.09
(4,1960)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	14	2.09
(4,1960)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	14	2.09
(3,2044)	1:17:A:ASN:HD21	1:78:A:HIS:H	6	2.09
(3,2044)	1:17:A:ASN:HD22	1:78:A:HIS:H	6	2.09
(3,1997)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	14	2.09
(3,1997)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	14	2.09
(3,1997)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	14	2.09
(3,1997)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	14	2.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1997)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	14	2.09
(3,1997)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	14	2.09
(3,1228)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	19	2.09
(3,1228)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	19	2.09
(3,1228)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	19	2.09
(3,1228)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	19	2.09
(3,1228)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	19	2.09
(3,1228)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	19	2.09
(3,1010)	1:35:A:LEU:HG	1:143:A:TRP:HB3	16	2.09
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	2	2.09
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	2	2.09
(3,811)	1:11:A:ILE:HD11	1:43:A:MET:HG2	17	2.09
(3,811)	1:11:A:ILE:HD12	1:43:A:MET:HG2	17	2.09
(3,811)	1:11:A:ILE:HD13	1:43:A:MET:HG2	17	2.09
(3,811)	1:11:A:ILE:HD11	1:43:A:MET:HG2	18	2.09
(3,811)	1:11:A:ILE:HD12	1:43:A:MET:HG2	18	2.09
(3,811)	1:11:A:ILE:HD13	1:43:A:MET:HG2	18	2.09
(2,1727)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	3	2.09
(2,1727)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	3	2.09
(2,1727)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	3	2.09
(2,1727)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	3	2.09
(2,1727)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	3	2.09
(2,1727)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	3	2.09
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	7	2.09
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	7	2.09
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	7	2.09
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	7	2.09
(33,2496)	1:144:A:LEU:HD11	1:147:A:ARG:H	4	2.08
(33,2496)	1:144:A:LEU:HD12	1:147:A:ARG:H	4	2.08
(33,2496)	1:144:A:LEU:HD13	1:147:A:ARG:H	4	2.08
(33,2496)	1:144:A:LEU:HD21	1:147:A:ARG:H	4	2.08
(33,2496)	1:144:A:LEU:HD22	1:147:A:ARG:H	4	2.08
(33,2496)	1:144:A:LEU:HD23	1:147:A:ARG:H	4	2.08
(32,2488)	1:144:A:LEU:HD11	1:146:A:GLN:HE21	12	2.08
(32,2488)	1:144:A:LEU:HD11	1:146:A:GLN:HE22	12	2.08
(32,2488)	1:144:A:LEU:HD12	1:146:A:GLN:HE21	12	2.08
(32,2488)	1:144:A:LEU:HD12	1:146:A:GLN:HE22	12	2.08
(32,2488)	1:144:A:LEU:HD13	1:146:A:GLN:HE21	12	2.08
(32,2488)	1:144:A:LEU:HD13	1:146:A:GLN:HE22	12	2.08
(32,2488)	1:144:A:LEU:HD21	1:146:A:GLN:HE21	12	2.08
(32,2488)	1:144:A:LEU:HD21	1:146:A:GLN:HE22	12	2.08
(32,2488)	1:144:A:LEU:HD22	1:146:A:GLN:HE21	12	2.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2488)	1:144:A:LEU:HD22	1:146:A:GLN:HE22	12	2.08
(32,2488)	1:144:A:LEU:HD23	1:146:A:GLN:HE21	12	2.08
(32,2488)	1:144:A:LEU:HD23	1:146:A:GLN:HE22	12	2.08
(32,1309)	1:105:A:LYS:HD2	1:106:A:ASP:HA	14	2.08
(32,1309)	1:105:A:LYS:HD3	1:106:A:ASP:HA	14	2.08
(30,1334)	1:105:A:LYS:HD2	1:106:A:ASP:HA	14	2.08
(30,1334)	1:105:A:LYS:HD3	1:106:A:ASP:HA	14	2.08
(29,2442)	1:144:A:LEU:HD11	1:147:A:ARG:H	4	2.08
(29,2442)	1:144:A:LEU:HD12	1:147:A:ARG:H	4	2.08
(29,2442)	1:144:A:LEU:HD13	1:147:A:ARG:H	4	2.08
(29,2442)	1:144:A:LEU:HD21	1:147:A:ARG:H	4	2.08
(29,2442)	1:144:A:LEU:HD22	1:147:A:ARG:H	4	2.08
(29,2442)	1:144:A:LEU:HD23	1:147:A:ARG:H	4	2.08
(29,1346)	1:105:A:LYS:HD2	1:106:A:ASP:HA	14	2.08
(29,1346)	1:105:A:LYS:HD3	1:106:A:ASP:HA	14	2.08
(29,850)	1:48:A:ARG:HD2	1:49:A:LYS:HA	12	2.08
(29,850)	1:48:A:ARG:HD3	1:49:A:LYS:HA	12	2.08
(29,385)	1:62:A:HIS:H	1:63:A:ILE:HG13	11	2.08
(19,11)	1:127:A:CYS:SG	1:56:A:CYS:CB	7	2.08
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG11	18	2.08
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG12	18	2.08
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG13	18	2.08
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG21	18	2.08
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG22	18	2.08
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG23	18	2.08
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG11	18	2.08
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG12	18	2.08
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG13	18	2.08
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG21	18	2.08
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG22	18	2.08
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG23	18	2.08
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG11	18	2.08
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG12	18	2.08
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG13	18	2.08
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG21	18	2.08
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG22	18	2.08
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG23	18	2.08
(18,1334)	1:105:A:LYS:HD2	1:106:A:ASP:HA	14	2.08
(18,1334)	1:105:A:LYS:HD3	1:106:A:ASP:HA	14	2.08
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	16	2.08
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	16	2.08
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	16	2.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	16	2.08
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	16	2.08
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	16	2.08
(17,2480)	1:144:A:LEU:HD11	1:147:A:ARG:H	4	2.08
(17,2480)	1:144:A:LEU:HD12	1:147:A:ARG:H	4	2.08
(17,2480)	1:144:A:LEU:HD13	1:147:A:ARG:H	4	2.08
(17,2480)	1:144:A:LEU:HD21	1:147:A:ARG:H	4	2.08
(17,2480)	1:144:A:LEU:HD22	1:147:A:ARG:H	4	2.08
(17,2480)	1:144:A:LEU:HD23	1:147:A:ARG:H	4	2.08
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG11	15	2.08
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG12	15	2.08
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG13	15	2.08
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG21	15	2.08
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG22	15	2.08
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG23	15	2.08
(17,1353)	1:105:A:LYS:HD2	1:106:A:ASP:HA	14	2.08
(17,1353)	1:105:A:LYS:HD3	1:106:A:ASP:HA	14	2.08
(16,1834)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	16	2.08
(16,1834)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	16	2.08
(16,1834)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	16	2.08
(16,1834)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	16	2.08
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG21	19	2.08
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG22	19	2.08
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG23	19	2.08
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG21	19	2.08
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG22	19	2.08
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG23	19	2.08
(16,1345)	1:105:A:LYS:HD2	1:106:A:ASP:HA	14	2.08
(16,1345)	1:105:A:LYS:HD3	1:106:A:ASP:HA	14	2.08
(15,2492)	1:144:A:LEU:HD11	1:147:A:ARG:H	4	2.08
(15,2492)	1:144:A:LEU:HD12	1:147:A:ARG:H	4	2.08
(15,2492)	1:144:A:LEU:HD13	1:147:A:ARG:H	4	2.08
(15,2492)	1:144:A:LEU:HD21	1:147:A:ARG:H	4	2.08
(15,2492)	1:144:A:LEU:HD22	1:147:A:ARG:H	4	2.08
(15,2492)	1:144:A:LEU:HD23	1:147:A:ARG:H	4	2.08
(15,1175)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	10	2.08
(15,1175)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	10	2.08
(15,1175)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	10	2.08
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG21	9	2.08
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG22	9	2.08
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG23	9	2.08
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB2	15	2.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB3	15	2.08
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB2	15	2.08
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB3	15	2.08
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB2	15	2.08
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB3	15	2.08
(13,1313)	1:105:A:LYS:HD2	1:106:A:ASP:HA	14	2.08
(13,1313)	1:105:A:LYS:HD3	1:106:A:ASP:HA	14	2.08
(11,1943)	1:11:A:ILE:HD11	1:18:A:PHE:HZ	10	2.08
(11,1943)	1:11:A:ILE:HD12	1:18:A:PHE:HZ	10	2.08
(11,1943)	1:11:A:ILE:HD13	1:18:A:PHE:HZ	10	2.08
(11,1422)	1:56:A:CYS:HA	1:120:A:CYS:HA	19	2.08
(9,2430)	1:144:A:LEU:HD11	1:147:A:ARG:H	4	2.08
(9,2430)	1:144:A:LEU:HD12	1:147:A:ARG:H	4	2.08
(9,2430)	1:144:A:LEU:HD13	1:147:A:ARG:H	4	2.08
(9,2430)	1:144:A:LEU:HD21	1:147:A:ARG:H	4	2.08
(9,2430)	1:144:A:LEU:HD22	1:147:A:ARG:H	4	2.08
(9,2430)	1:144:A:LEU:HD23	1:147:A:ARG:H	4	2.08
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	18	2.08
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	18	2.08
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	18	2.08
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	18	2.08
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	18	2.08
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	18	2.08
(9,1911)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	6	2.08
(9,923)	1:108:A:GLU:HG3	1:112:A:GLN:H	17	2.08
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB2	8	2.08
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB3	8	2.08
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG11	10	2.08
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG12	10	2.08
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG13	10	2.08
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG21	10	2.08
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG22	10	2.08
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG23	10	2.08
(7,1321)	1:105:A:LYS:HD2	1:106:A:ASP:HA	14	2.08
(7,1321)	1:105:A:LYS:HD3	1:106:A:ASP:HA	14	2.08
(6,914)	1:108:A:GLU:HG3	1:112:A:GLN:H	17	2.08
(6,62)	1:32:A:GLY:HA2	1:81:A:GLU:H	19	2.08
(5,2469)	1:144:A:LEU:HD11	1:147:A:ARG:H	4	2.08
(5,2469)	1:144:A:LEU:HD12	1:147:A:ARG:H	4	2.08
(5,2469)	1:144:A:LEU:HD13	1:147:A:ARG:H	4	2.08
(5,2469)	1:144:A:LEU:HD21	1:147:A:ARG:H	4	2.08
(5,2469)	1:144:A:LEU:HD22	1:147:A:ARG:H	4	2.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2469)	1:144:A:LEU:HD23	1:147:A:ARG:H	4	2.08
(5,1727)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	16	2.08
(5,1727)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	16	2.08
(5,1727)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	16	2.08
(5,1359)	1:105:A:LYS:HD2	1:106:A:ASP:HA	14	2.08
(5,1359)	1:105:A:LYS:HD3	1:106:A:ASP:HA	14	2.08
(5,1206)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	9	2.08
(5,1206)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	9	2.08
(5,1206)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	9	2.08
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	3	2.08
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	3	2.08
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	3	2.08
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	3	2.08
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	3	2.08
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	3	2.08
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	3	2.08
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	3	2.08
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	3	2.08
(4,940)	1:11:A:ILE:HD11	1:12:A:VAL:HA	18	2.08
(4,940)	1:11:A:ILE:HD12	1:12:A:VAL:HA	18	2.08
(4,940)	1:11:A:ILE:HD13	1:12:A:VAL:HA	18	2.08
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD11	17	2.08
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD12	17	2.08
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD13	17	2.08
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD11	14	2.08
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD12	14	2.08
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD13	14	2.08
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD21	9	2.08
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD22	9	2.08
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD23	9	2.08
(3,1366)	1:105:A:LYS:HD2	1:106:A:ASP:HA	14	2.08
(3,1366)	1:105:A:LYS:HD3	1:106:A:ASP:HA	14	2.08
(2,1340)	1:105:A:LYS:HD2	1:106:A:ASP:HA	14	2.08
(2,1340)	1:105:A:LYS:HD3	1:106:A:ASP:HA	14	2.08
(1,2052)	1:30:A:LEU:HD11	1:144:A:LEU:HA	11	2.08
(1,2052)	1:30:A:LEU:HD12	1:144:A:LEU:HA	11	2.08
(1,2052)	1:30:A:LEU:HD13	1:144:A:LEU:HA	11	2.08
(1,2052)	1:30:A:LEU:HD21	1:144:A:LEU:HA	11	2.08
(1,2052)	1:30:A:LEU:HD22	1:144:A:LEU:HA	11	2.08
(1,2052)	1:30:A:LEU:HD23	1:144:A:LEU:HA	11	2.08
(1,1341)	1:105:A:LYS:HD2	1:106:A:ASP:HA	14	2.08
(1,1341)	1:105:A:LYS:HD3	1:106:A:ASP:HA	14	2.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1076)	1:66:A:THR:HG21	1:95:A:ILE:HA	5	2.08
(1,1076)	1:66:A:THR:HG22	1:95:A:ILE:HA	5	2.08
(1,1076)	1:66:A:THR:HG23	1:95:A:ILE:HA	5	2.08
(1,915)	1:67:A:PRO:HD3	1:95:A:ILE:HB	14	2.08
(34,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	11	2.07
(34,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	11	2.07
(34,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	11	2.07
(34,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	11	2.07
(34,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	11	2.07
(34,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	11	2.07
(34,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	11	2.07
(34,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	11	2.07
(34,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	11	2.07
(34,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	11	2.07
(34,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	11	2.07
(34,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	11	2.07
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	2	2.07
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	2	2.07
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	2	2.07
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	2	2.07
(33,1637)	1:134:A:VAL:HG11	1:137:A:SER:H	13	2.07
(33,1637)	1:134:A:VAL:HG12	1:137:A:SER:H	13	2.07
(33,1637)	1:134:A:VAL:HG13	1:137:A:SER:H	13	2.07
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG11	13	2.07
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG12	13	2.07
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG13	13	2.07
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG21	13	2.07
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG22	13	2.07
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG23	13	2.07
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG11	13	2.07
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG12	13	2.07
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG13	13	2.07
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG21	13	2.07
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG22	13	2.07
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG23	13	2.07
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG11	13	2.07
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG12	13	2.07
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG13	13	2.07
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG21	13	2.07
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG22	13	2.07
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG23	13	2.07
(30,1507)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	3	2.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1507)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	3	2.07
(30,1507)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	3	2.07
(29,2077)	1:32:A:GLY:HA2	1:34:A:LYS:H	16	2.07
(29,2077)	1:32:A:GLY:HA3	1:34:A:LYS:H	16	2.07
(29,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	11	2.07
(29,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	11	2.07
(29,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	11	2.07
(29,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	11	2.07
(29,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	11	2.07
(29,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	11	2.07
(29,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	11	2.07
(29,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	11	2.07
(29,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	11	2.07
(29,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	11	2.07
(29,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	11	2.07
(29,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	11	2.07
(29,1447)	1:31:A:PRO:HD3	1:144:A:LEU:HA	2	2.07
(19,20)	1:56:A:CYS:SG	1:52:A:CYS:CB	5	2.07
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	8	2.07
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	8	2.07
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	8	2.07
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	8	2.07
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	8	2.07
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	8	2.07
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	8	2.07
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	8	2.07
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	8	2.07
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	8	2.07
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	8	2.07
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	8	2.07
(18,1970)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	11	2.07
(18,1970)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	11	2.07
(18,1970)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	11	2.07
(18,1970)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	11	2.07
(18,1970)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	11	2.07
(18,1970)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	11	2.07
(18,1970)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	11	2.07
(18,1970)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	11	2.07
(18,1970)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	11	2.07
(18,1970)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	11	2.07
(18,1970)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	11	2.07
(18,1970)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	11	2.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,853)	1:43:A:MET:HE1	1:144:A:LEU:HB3	1	2.07
(17,853)	1:43:A:MET:HE2	1:144:A:LEU:HB3	1	2.07
(17,853)	1:43:A:MET:HE3	1:144:A:LEU:HB3	1	2.07
(17,853)	1:43:A:MET:HE1	1:144:A:LEU:HB2	1	2.07
(17,853)	1:43:A:MET:HE2	1:144:A:LEU:HB2	1	2.07
(17,853)	1:43:A:MET:HE3	1:144:A:LEU:HB2	1	2.07
(16,2491)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	4	2.07
(16,2491)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	4	2.07
(16,2491)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	4	2.07
(16,2491)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	4	2.07
(16,2069)	1:32:A:GLY:HA2	1:34:A:LYS:H	16	2.07
(16,2069)	1:32:A:GLY:HA3	1:34:A:LYS:H	16	2.07
(16,1899)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	7	2.07
(16,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	1	2.07
(16,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	1	2.07
(16,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	1	2.07
(16,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	1	2.07
(16,1443)	1:31:A:PRO:HD3	1:144:A:LEU:HA	2	2.07
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE1	5	2.07
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE2	5	2.07
(13,2468)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	4	2.07
(13,2468)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	4	2.07
(13,2468)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	4	2.07
(13,2468)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	4	2.07
(13,1931)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	11	2.07
(13,1931)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	11	2.07
(13,1931)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	11	2.07
(13,1931)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	11	2.07
(13,1931)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	11	2.07
(13,1931)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	11	2.07
(13,1931)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	11	2.07
(13,1931)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	11	2.07
(13,1931)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	11	2.07
(13,1931)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	11	2.07
(13,1931)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	11	2.07
(13,1931)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	11	2.07
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	1	2.07
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	1	2.07
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	1	2.07
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	1	2.07
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	1	2.07
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	1	2.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	1	2.07
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	1	2.07
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	1	2.07
(11,2073)	1:32:A:GLY:HA2	1:34:A:LYS:H	16	2.07
(11,2073)	1:32:A:GLY:HA3	1:34:A:LYS:H	16	2.07
(11,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	4	2.07
(11,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	4	2.07
(11,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	4	2.07
(11,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	4	2.07
(11,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	4	2.07
(11,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	4	2.07
(11,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	4	2.07
(11,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	4	2.07
(11,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	4	2.07
(11,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	4	2.07
(11,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	4	2.07
(11,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	4	2.07
(11,1460)	1:31:A:PRO:HD3	1:144:A:LEU:HA	2	2.07
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG12	19	2.07
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG13	19	2.07
(6,1651)	1:134:A:VAL:HG11	1:137:A:SER:H	13	2.07
(6,1651)	1:134:A:VAL:HG12	1:137:A:SER:H	13	2.07
(6,1651)	1:134:A:VAL:HG13	1:137:A:SER:H	13	2.07
(5,2120)	1:40:A:LEU:HB2	1:44:A:GLU:HG3	9	2.07
(5,2120)	1:40:A:LEU:HB3	1:44:A:GLU:HG3	9	2.07
(5,1459)	1:31:A:PRO:HD3	1:144:A:LEU:HA	2	2.07
(5,1033)	1:11:A:ILE:HG13	1:44:A:GLU:HG3	17	2.07
(5,1026)	1:112:A:GLN:HG2	1:113:A:PHE:HA	17	2.07
(5,1026)	1:112:A:GLN:HG3	1:113:A:PHE:HA	17	2.07
(3,2072)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	10	2.07
(3,2072)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	10	2.07
(3,2072)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	10	2.07
(3,2072)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	10	2.07
(3,2072)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	10	2.07
(3,2072)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	10	2.07
(3,2072)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	10	2.07
(3,2072)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	10	2.07
(3,2072)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	10	2.07
(3,2072)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	10	2.07
(3,2072)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	10	2.07
(3,2072)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	10	2.07
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD2	4	2.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD3	4	2.07
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD2	4	2.07
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD3	4	2.07
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD2	4	2.07
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD3	4	2.07
(3,1463)	1:31:A:PRO:HD3	1:144:A:LEU:HA	2	2.07
(3,1196)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	3	2.07
(3,1196)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	3	2.07
(3,1196)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	3	2.07
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD11	7	2.07
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD12	7	2.07
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD13	7	2.07
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	7	2.07
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	7	2.07
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	5	2.07
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	5	2.07
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	5	2.07
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	5	2.07
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	5	2.07
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	5	2.07
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	5	2.07
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	5	2.07
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	5	2.07
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	5	2.07
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	5	2.07
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	5	2.07
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	5	2.07
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	5	2.07
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	5	2.07
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	5	2.07
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	5	2.07
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	5	2.07
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG11	6	2.07
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG12	6	2.07
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG13	6	2.07
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG21	6	2.07
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG22	6	2.07
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG23	6	2.07
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD11	13	2.07
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD12	13	2.07
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD13	13	2.07
(2,1418)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	6	2.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1418)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	6	2.07
(2,1418)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	6	2.07
(2,1170)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	10	2.07
(2,1170)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	10	2.07
(2,1170)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	10	2.07
(1,1636)	1:10:A:ASN:HB3	1:14:A:VAL:HB	11	2.07
(1,1385)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	3	2.07
(1,1385)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	3	2.07
(1,1385)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	3	2.07
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	11	2.06
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	11	2.06
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	11	2.06
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	11	2.06
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	11	2.06
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	11	2.06
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	11	2.06
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	11	2.06
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	11	2.06
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	11	2.06
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	11	2.06
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	11	2.06
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD2	19	2.06
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD3	19	2.06
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	19	2.06
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	19	2.06
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	19	2.06
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	19	2.06
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	19	2.06
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	19	2.06
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD21	10	2.06
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD22	10	2.06
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD23	10	2.06
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD21	10	2.06
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD22	10	2.06
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD23	10	2.06
(29,2077)	1:32:A:GLY:HA2	1:34:A:LYS:H	4	2.06
(29,2077)	1:32:A:GLY:HA3	1:34:A:LYS:H	4	2.06
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	16	2.06
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	16	2.06
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	16	2.06
(29,850)	1:48:A:ARG:HD2	1:49:A:LYS:HA	10	2.06
(29,850)	1:48:A:ARG:HD3	1:49:A:LYS:HA	10	2.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(19,4)	1:123:A:CYS:SG	1:120:A:CYS:CB	1	2.06
(18,1376)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	3	2.06
(18,1376)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	3	2.06
(18,1376)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	3	2.06
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD11	10	2.06
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD12	10	2.06
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD13	10	2.06
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD21	10	2.06
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD22	10	2.06
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD23	10	2.06
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	12	2.06
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	12	2.06
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	12	2.06
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	12	2.06
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	12	2.06
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	12	2.06
(17,992)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	2	2.06
(17,992)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	2	2.06
(16,2069)	1:32:A:GLY:HA2	1:34:A:LYS:H	4	2.06
(16,2069)	1:32:A:GLY:HA3	1:34:A:LYS:H	4	2.06
(16,720)	1:44:A:GLU:HB2	1:48:A:ARG:HE	5	2.06
(16,720)	1:44:A:GLU:HB3	1:48:A:ARG:HE	5	2.06
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD11	10	2.06
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD12	10	2.06
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD13	10	2.06
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD21	10	2.06
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD22	10	2.06
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD23	10	2.06
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE1	14	2.06
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE2	14	2.06
(15,762)	1:13:A:ALA:HB1	1:34:A:LYS:H	2	2.06
(15,762)	1:13:A:ALA:HB2	1:34:A:LYS:H	2	2.06
(15,762)	1:13:A:ALA:HB3	1:34:A:LYS:H	2	2.06
(15,714)	1:44:A:GLU:HB2	1:48:A:ARG:HE	5	2.06
(15,714)	1:44:A:GLU:HB3	1:48:A:ARG:HE	5	2.06
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG11	6	2.06
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG12	6	2.06
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG13	6	2.06
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG21	6	2.06
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG22	6	2.06
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG23	6	2.06
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	16	2.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	16	2.06
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	16	2.06
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	16	2.06
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	16	2.06
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	16	2.06
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	16	2.06
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	16	2.06
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	16	2.06
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD2	19	2.06
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD3	19	2.06
(11,2073)	1:32:A:GLY:HA2	1:34:A:LYS:H	4	2.06
(11,2073)	1:32:A:GLY:HA3	1:34:A:LYS:H	4	2.06
(11,1682)	1:134:A:VAL:HG11	1:137:A:SER:H	18	2.06
(11,1682)	1:134:A:VAL:HG12	1:137:A:SER:H	18	2.06
(11,1682)	1:134:A:VAL:HG13	1:137:A:SER:H	18	2.06
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD2	19	2.06
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD3	19	2.06
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG11	18	2.06
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG12	18	2.06
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG13	18	2.06
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG21	18	2.06
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG22	18	2.06
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG23	18	2.06
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG11	18	2.06
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG12	18	2.06
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG13	18	2.06
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG21	18	2.06
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG22	18	2.06
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG23	18	2.06
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG11	18	2.06
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG12	18	2.06
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG13	18	2.06
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG21	18	2.06
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG22	18	2.06
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG23	18	2.06
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	12	2.06
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	12	2.06
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	12	2.06
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	16	2.06
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	16	2.06
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	16	2.06
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	16	2.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	16	2.06
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	16	2.06
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	16	2.06
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	16	2.06
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	16	2.06
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	16	2.06
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	16	2.06
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	16	2.06
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	16	2.06
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	16	2.06
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	16	2.06
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	16	2.06
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	16	2.06
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	16	2.06
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	7	2.06
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	7	2.06
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	7	2.06
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	7	2.06
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	7	2.06
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	7	2.06
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	7	2.06
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	7	2.06
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	7	2.06
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	7	2.06
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	7	2.06
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	7	2.06
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	10	2.06
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	10	2.06
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	10	2.06
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	10	2.06
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	10	2.06
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	10	2.06
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	10	2.06
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	10	2.06
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	10	2.06
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	10	2.06
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	10	2.06
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	10	2.06
(6,1980)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	4	2.06
(6,1980)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	4	2.06
(6,1980)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	4	2.06
(6,1980)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	4	2.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1980)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	4	2.06
(6,1980)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	4	2.06
(6,1980)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	4	2.06
(6,1980)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	4	2.06
(6,1980)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	4	2.06
(6,1980)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	4	2.06
(6,1980)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	4	2.06
(6,1980)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	4	2.06
(5,2120)	1:40:A:LEU:HB2	1:44:A:GLU:HG3	14	2.06
(5,2120)	1:40:A:LEU:HB3	1:44:A:GLU:HG3	14	2.06
(5,1257)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	19	2.06
(5,1257)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	19	2.06
(5,1257)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	19	2.06
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD2	19	2.06
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD3	19	2.06
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD21	11	2.06
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD22	11	2.06
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD23	11	2.06
(4,1371)	1:19:A:ALA:HB1	1:132:A:ALA:HA	4	2.06
(4,1371)	1:19:A:ALA:HB2	1:132:A:ALA:HA	4	2.06
(4,1371)	1:19:A:ALA:HB3	1:132:A:ALA:HA	4	2.06
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB1	18	2.06
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB2	18	2.06
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB3	18	2.06
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD11	10	2.06
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD12	10	2.06
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD13	10	2.06
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD21	10	2.06
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD22	10	2.06
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD23	10	2.06
(3,1679)	1:134:A:VAL:HG11	1:137:A:SER:H	10	2.06
(3,1679)	1:134:A:VAL:HG12	1:137:A:SER:H	10	2.06
(3,1679)	1:134:A:VAL:HG13	1:137:A:SER:H	10	2.06
(3,917)	1:21:A:THR:HB	1:24:A:ASP:H	3	2.06
(3,485)	1:145:A:PRO:HB2	1:148:A:CYS:H	2	2.06
(1,1385)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	15	2.06
(1,1385)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	15	2.06
(1,1385)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	15	2.06
(1,919)	1:21:A:THR:HB	1:24:A:ASP:H	17	2.06
(33,2500)	1:144:A:LEU:HD11	1:148:A:CYS:H	11	2.05
(33,2500)	1:144:A:LEU:HD12	1:148:A:CYS:H	11	2.05
(33,2500)	1:144:A:LEU:HD13	1:148:A:CYS:H	11	2.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2500)	1:144:A:LEU:HD21	1:148:A:CYS:H	11	2.05
(33,2500)	1:144:A:LEU:HD22	1:148:A:CYS:H	11	2.05
(33,2500)	1:144:A:LEU:HD23	1:148:A:CYS:H	11	2.05
(33,1944)	1:10:A:ASN:HD21	1:81:A:GLU:H	5	2.05
(33,1944)	1:10:A:ASN:HD22	1:81:A:GLU:H	5	2.05
(33,710)	1:45:A:ALA:HB1	1:48:A:ARG:HE	7	2.05
(33,710)	1:45:A:ALA:HB2	1:48:A:ARG:HE	7	2.05
(33,710)	1:45:A:ALA:HB3	1:48:A:ARG:HE	7	2.05
(32,1913)	1:10:A:ASN:HD21	1:81:A:GLU:H	5	2.05
(32,1913)	1:10:A:ASN:HD22	1:81:A:GLU:H	5	2.05
(32,1707)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	14	2.05
(32,1707)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	14	2.05
(30,1807)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	17	2.05
(30,1807)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	17	2.05
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD21	9	2.05
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD22	9	2.05
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD23	9	2.05
(30,482)	1:145:A:PRO:HB2	1:148:A:CYS:H	1	2.05
(29,2445)	1:144:A:LEU:HD11	1:148:A:CYS:H	11	2.05
(29,2445)	1:144:A:LEU:HD12	1:148:A:CYS:H	11	2.05
(29,2445)	1:144:A:LEU:HD13	1:148:A:CYS:H	11	2.05
(29,2445)	1:144:A:LEU:HD21	1:148:A:CYS:H	11	2.05
(29,2445)	1:144:A:LEU:HD22	1:148:A:CYS:H	11	2.05
(29,2445)	1:144:A:LEU:HD23	1:148:A:CYS:H	11	2.05
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	10	2.05
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	10	2.05
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	10	2.05
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	10	2.05
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	10	2.05
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	10	2.05
(29,1447)	1:31:A:PRO:HD3	1:144:A:LEU:HA	7	2.05
(29,1447)	1:31:A:PRO:HD3	1:144:A:LEU:HA	19	2.05
(19,4)	1:123:A:CYS:SG	1:120:A:CYS:CB	10	2.05
(18,1946)	1:10:A:ASN:HD21	1:81:A:GLU:H	5	2.05
(18,1946)	1:10:A:ASN:HD22	1:81:A:GLU:H	5	2.05
(18,1376)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	15	2.05
(18,1376)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	15	2.05
(18,1376)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	15	2.05
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	11	2.05
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	11	2.05
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	11	2.05
(18,1235)	1:79:A:THR:HG21	1:81:A:GLU:HA	18	2.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1235)	1:79:A:THR:HG22	1:81:A:GLU:HA	18	2.05
(18,1235)	1:79:A:THR:HG23	1:81:A:GLU:HA	18	2.05
(18,724)	1:45:A:ALA:HB1	1:48:A:ARG:HE	7	2.05
(18,724)	1:45:A:ALA:HB2	1:48:A:ARG:HE	7	2.05
(18,724)	1:45:A:ALA:HB3	1:48:A:ARG:HE	7	2.05
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	10	2.05
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	10	2.05
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	10	2.05
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	10	2.05
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	10	2.05
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	10	2.05
(17,713)	1:45:A:ALA:HB1	1:48:A:ARG:HE	7	2.05
(17,713)	1:45:A:ALA:HB2	1:48:A:ARG:HE	7	2.05
(17,713)	1:45:A:ALA:HB3	1:48:A:ARG:HE	7	2.05
(16,1899)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	19	2.05
(16,1626)	1:27:A:ARG:HA	1:30:A:LEU:H	8	2.05
(16,1443)	1:31:A:PRO:HD3	1:144:A:LEU:HA	7	2.05
(16,1443)	1:31:A:PRO:HD3	1:144:A:LEU:HA	19	2.05
(16,719)	1:45:A:ALA:HB1	1:48:A:ARG:HE	7	2.05
(16,719)	1:45:A:ALA:HB2	1:48:A:ARG:HE	7	2.05
(16,719)	1:45:A:ALA:HB3	1:48:A:ARG:HE	7	2.05
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	10	2.05
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	10	2.05
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	10	2.05
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	10	2.05
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	10	2.05
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	10	2.05
(15,713)	1:45:A:ALA:HB1	1:48:A:ARG:HE	7	2.05
(15,713)	1:45:A:ALA:HB2	1:48:A:ARG:HE	7	2.05
(15,713)	1:45:A:ALA:HB3	1:48:A:ARG:HE	7	2.05
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	8	2.05
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	8	2.05
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	8	2.05
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	8	2.05
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	8	2.05
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	8	2.05
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	18	2.05
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	18	2.05
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	18	2.05
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	18	2.05
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	18	2.05
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	18	2.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	18	2.05
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	18	2.05
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	18	2.05
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	18	2.05
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	18	2.05
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	18	2.05
(11,1460)	1:31:A:PRO:HD3	1:144:A:LEU:HA	7	2.05
(11,1460)	1:31:A:PRO:HD3	1:144:A:LEU:HA	19	2.05
(11,995)	1:102:A:PRO:HA	1:105:A:LYS:HD2	19	2.05
(11,995)	1:102:A:PRO:HA	1:105:A:LYS:HD3	19	2.05
(9,2433)	1:144:A:LEU:HD11	1:148:A:CYS:H	11	2.05
(9,2433)	1:144:A:LEU:HD12	1:148:A:CYS:H	11	2.05
(9,2433)	1:144:A:LEU:HD13	1:148:A:CYS:H	11	2.05
(9,2433)	1:144:A:LEU:HD21	1:148:A:CYS:H	11	2.05
(9,2433)	1:144:A:LEU:HD22	1:148:A:CYS:H	11	2.05
(9,2433)	1:144:A:LEU:HD23	1:148:A:CYS:H	11	2.05
(7,2251)	1:79:A:THR:HG21	1:81:A:GLU:HB2	18	2.05
(7,2251)	1:79:A:THR:HG21	1:81:A:GLU:HB3	18	2.05
(7,2251)	1:79:A:THR:HG22	1:81:A:GLU:HB2	18	2.05
(7,2251)	1:79:A:THR:HG22	1:81:A:GLU:HB3	18	2.05
(7,2251)	1:79:A:THR:HG23	1:81:A:GLU:HB2	18	2.05
(7,2251)	1:79:A:THR:HG23	1:81:A:GLU:HB3	18	2.05
(7,1685)	1:79:A:THR:HG21	1:81:A:GLU:HB3	18	2.05
(7,1685)	1:79:A:THR:HG22	1:81:A:GLU:HB3	18	2.05
(7,1685)	1:79:A:THR:HG23	1:81:A:GLU:HB3	18	2.05
(7,1666)	1:43:A:MET:HE1	1:131:A:LEU:HA	2	2.05
(7,1666)	1:43:A:MET:HE2	1:131:A:LEU:HA	2	2.05
(7,1666)	1:43:A:MET:HE3	1:131:A:LEU:HA	2	2.05
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	10	2.05
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	10	2.05
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	10	2.05
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	10	2.05
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	10	2.05
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	10	2.05
(7,995)	1:79:A:THR:HG21	1:81:A:GLU:HB2	14	2.05
(7,995)	1:79:A:THR:HG22	1:81:A:GLU:HB2	14	2.05
(7,995)	1:79:A:THR:HG23	1:81:A:GLU:HB2	14	2.05
(7,706)	1:45:A:ALA:HB1	1:48:A:ARG:HE	7	2.05
(7,706)	1:45:A:ALA:HB2	1:48:A:ARG:HE	7	2.05
(7,706)	1:45:A:ALA:HB3	1:48:A:ARG:HE	7	2.05
(6,1958)	1:10:A:ASN:HD21	1:81:A:GLU:H	5	2.05
(6,1958)	1:10:A:ASN:HD22	1:81:A:GLU:H	5	2.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1811)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	17	2.05
(6,1811)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	17	2.05
(6,1699)	1:43:A:MET:HE1	1:131:A:LEU:HA	2	2.05
(6,1699)	1:43:A:MET:HE2	1:131:A:LEU:HA	2	2.05
(6,1699)	1:43:A:MET:HE3	1:131:A:LEU:HA	2	2.05
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	10	2.05
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	10	2.05
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	10	2.05
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	10	2.05
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	10	2.05
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	10	2.05
(5,2474)	1:144:A:LEU:HD11	1:148:A:CYS:H	11	2.05
(5,2474)	1:144:A:LEU:HD12	1:148:A:CYS:H	11	2.05
(5,2474)	1:144:A:LEU:HD13	1:148:A:CYS:H	11	2.05
(5,2474)	1:144:A:LEU:HD21	1:148:A:CYS:H	11	2.05
(5,2474)	1:144:A:LEU:HD22	1:148:A:CYS:H	11	2.05
(5,2474)	1:144:A:LEU:HD23	1:148:A:CYS:H	11	2.05
(5,1833)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	17	2.05
(5,1833)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	17	2.05
(5,1459)	1:31:A:PRO:HD3	1:144:A:LEU:HA	7	2.05
(5,1459)	1:31:A:PRO:HD3	1:144:A:LEU:HA	19	2.05
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE1	8	2.05
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE2	8	2.05
(4,2007)	1:17:A:ASN:HB2	1:76:A:ARG:HD2	17	2.05
(4,2007)	1:17:A:ASN:HB2	1:76:A:ARG:HD3	17	2.05
(4,2007)	1:17:A:ASN:HB3	1:76:A:ARG:HD2	17	2.05
(4,2007)	1:17:A:ASN:HB3	1:76:A:ARG:HD3	17	2.05
(4,1929)	1:10:A:ASN:HD21	1:81:A:GLU:H	5	2.05
(4,1929)	1:10:A:ASN:HD22	1:81:A:GLU:H	5	2.05
(4,1786)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	17	2.05
(4,1786)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	17	2.05
(4,1677)	1:43:A:MET:HE1	1:131:A:LEU:HA	2	2.05
(4,1677)	1:43:A:MET:HE2	1:131:A:LEU:HA	2	2.05
(4,1677)	1:43:A:MET:HE3	1:131:A:LEU:HA	2	2.05
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	10	2.05
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	10	2.05
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	10	2.05
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	10	2.05
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	10	2.05
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	10	2.05
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD21	13	2.05
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD22	13	2.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD23	13	2.05
(3,1974)	1:10:A:ASN:HD21	1:81:A:GLU:H	5	2.05
(3,1974)	1:10:A:ASN:HD22	1:81:A:GLU:H	5	2.05
(3,1729)	1:43:A:MET:HE1	1:131:A:LEU:HA	2	2.05
(3,1729)	1:43:A:MET:HE2	1:131:A:LEU:HA	2	2.05
(3,1729)	1:43:A:MET:HE3	1:131:A:LEU:HA	2	2.05
(3,1696)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	3	2.05
(3,1696)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	3	2.05
(3,1643)	1:22:A:ASP:H	1:24:A:ASP:HA	18	2.05
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	10	2.05
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	10	2.05
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	10	2.05
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	10	2.05
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	10	2.05
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	10	2.05
(3,1463)	1:31:A:PRO:HD3	1:144:A:LEU:HA	7	2.05
(3,1463)	1:31:A:PRO:HD3	1:144:A:LEU:HA	19	2.05
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD11	10	2.05
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD12	10	2.05
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD13	10	2.05
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD21	10	2.05
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD22	10	2.05
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD23	10	2.05
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	17	2.05
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	17	2.05
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	17	2.05
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	17	2.05
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	17	2.05
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	17	2.05
(2,1932)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	11	2.05
(2,1932)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	11	2.05
(2,1932)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	11	2.05
(2,1932)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	11	2.05
(1,2053)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	13	2.05
(1,2053)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	13	2.05
(1,2053)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	13	2.05
(1,2053)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	13	2.05
(1,2053)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	13	2.05
(1,2053)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	13	2.05
(1,2053)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	13	2.05
(1,2053)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	13	2.05
(1,2053)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	13	2.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2053)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	13	2.05
(1,2053)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	13	2.05
(1,2053)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	13	2.05
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	19	2.05
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	19	2.05
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	19	2.05
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	12	2.04
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	12	2.04
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	12	2.04
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	12	2.04
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	12	2.04
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	12	2.04
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	12	2.04
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	12	2.04
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	12	2.04
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	12	2.04
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	12	2.04
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	12	2.04
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD2	17	2.04
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD3	17	2.04
(33,2497)	1:144:A:LEU:HD11	1:147:A:ARG:HB2	7	2.04
(33,2497)	1:144:A:LEU:HD11	1:147:A:ARG:HB3	7	2.04
(33,2497)	1:144:A:LEU:HD12	1:147:A:ARG:HB2	7	2.04
(33,2497)	1:144:A:LEU:HD12	1:147:A:ARG:HB3	7	2.04
(33,2497)	1:144:A:LEU:HD13	1:147:A:ARG:HB2	7	2.04
(33,2497)	1:144:A:LEU:HD13	1:147:A:ARG:HB3	7	2.04
(33,2497)	1:144:A:LEU:HD21	1:147:A:ARG:HB2	7	2.04
(33,2497)	1:144:A:LEU:HD21	1:147:A:ARG:HB3	7	2.04
(33,2497)	1:144:A:LEU:HD22	1:147:A:ARG:HB2	7	2.04
(33,2497)	1:144:A:LEU:HD22	1:147:A:ARG:HB3	7	2.04
(33,2497)	1:144:A:LEU:HD23	1:147:A:ARG:HB2	7	2.04
(33,2497)	1:144:A:LEU:HD23	1:147:A:ARG:HB3	7	2.04
(33,1388)	1:19:A:ALA:HB1	1:132:A:ALA:HA	10	2.04
(33,1388)	1:19:A:ALA:HB2	1:132:A:ALA:HA	10	2.04
(33,1388)	1:19:A:ALA:HB3	1:132:A:ALA:HA	10	2.04
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	7	2.04
(32,2040)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	7	2.04
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	7	2.04
(32,2040)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	7	2.04
(32,1665)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	13	2.04
(32,1665)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	13	2.04
(32,1665)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	13	2.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE1	13	2.04
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE2	13	2.04
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE1	13	2.04
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE2	13	2.04
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE1	13	2.04
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE2	13	2.04
(30,1715)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	13	2.04
(30,1715)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	13	2.04
(30,1715)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	13	2.04
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD11	11	2.04
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD12	11	2.04
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD13	11	2.04
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD21	11	2.04
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD22	11	2.04
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD23	11	2.04
(29,850)	1:48:A:ARG:HD2	1:49:A:LYS:HA	3	2.04
(29,850)	1:48:A:ARG:HD3	1:49:A:LYS:HA	3	2.04
(29,167)	1:127:A:CYS:H	1:129:A:LYS:HG2	19	2.04
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD11	4	2.04
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD12	4	2.04
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD13	4	2.04
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD21	4	2.04
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD22	4	2.04
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD23	4	2.04
(18,1695)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	13	2.04
(18,1695)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	13	2.04
(18,1695)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	13	2.04
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG11	12	2.04
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG12	12	2.04
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG13	12	2.04
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG21	12	2.04
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG22	12	2.04
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG23	12	2.04
(17,1723)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	13	2.04
(17,1723)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	13	2.04
(17,1723)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	13	2.04
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD21	2	2.04
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD22	2	2.04
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD23	2	2.04
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD21	2	2.04
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD22	2	2.04
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD23	2	2.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD21	2	2.04
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD22	2	2.04
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD23	2	2.04
(16,1013)	1:35:A:LEU:HG	1:143:A:TRP:HB3	16	2.04
(15,2490)	1:144:A:LEU:HB2	1:148:A:CYS:H	17	2.04
(15,2490)	1:144:A:LEU:HB3	1:148:A:CYS:H	17	2.04
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG21	1	2.04
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG22	1	2.04
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG23	1	2.04
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD2	17	2.04
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD3	17	2.04
(11,2075)	1:32:A:GLY:HA2	1:81:A:GLU:H	1	2.04
(11,2075)	1:32:A:GLY:HA3	1:81:A:GLU:H	1	2.04
(11,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	11	2.04
(11,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	11	2.04
(11,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	11	2.04
(11,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	11	2.04
(11,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	11	2.04
(11,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	11	2.04
(11,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	11	2.04
(11,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	11	2.04
(11,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	11	2.04
(11,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	11	2.04
(11,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	11	2.04
(11,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	11	2.04
(11,1118)	1:146:A:GLN:HA	1:147:A:ARG:HG2	10	2.04
(11,1118)	1:146:A:GLN:HA	1:147:A:ARG:HG3	10	2.04
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD2	17	2.04
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD3	17	2.04
(9,2001)	1:17:A:ASN:HD21	1:78:A:HIS:H	6	2.04
(9,2001)	1:17:A:ASN:HD22	1:78:A:HIS:H	6	2.04
(9,1800)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	17	2.04
(9,1800)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	17	2.04
(9,1505)	1:43:A:MET:HE1	1:46:A:ASN:HB2	4	2.04
(9,1505)	1:43:A:MET:HE2	1:46:A:ASN:HB2	4	2.04
(9,1505)	1:43:A:MET:HE3	1:46:A:ASN:HB2	4	2.04
(9,1441)	1:145:A:PRO:HD2	1:147:A:ARG:H	17	2.04
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD11	4	2.04
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD12	4	2.04
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD13	4	2.04
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD21	4	2.04
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD22	4	2.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD23	4	2.04
(7,978)	1:35:A:LEU:HG	1:143:A:TRP:HB3	2	2.04
(7,954)	1:11:A:ILE:HG12	1:14:A:VAL:HB	4	2.04
(7,934)	1:11:A:ILE:HD11	1:12:A:VAL:HA	18	2.04
(7,934)	1:11:A:ILE:HD12	1:12:A:VAL:HA	18	2.04
(7,934)	1:11:A:ILE:HD13	1:12:A:VAL:HA	18	2.04
(6,2028)	1:17:A:ASN:HD21	1:78:A:HIS:H	6	2.04
(6,2028)	1:17:A:ASN:HD22	1:78:A:HIS:H	6	2.04
(6,1711)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	13	2.04
(6,1711)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	13	2.04
(6,1711)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	13	2.04
(6,979)	1:31:A:PRO:HB2	1:144:A:LEU:HB3	8	2.04
(6,979)	1:31:A:PRO:HB3	1:144:A:LEU:HB3	8	2.04
(5,1732)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	13	2.04
(5,1732)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	13	2.04
(5,1732)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	13	2.04
(5,1465)	1:145:A:PRO:HD2	1:147:A:ARG:H	17	2.04
(5,1257)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	13	2.04
(5,1257)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	13	2.04
(5,1257)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	13	2.04
(5,1206)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	17	2.04
(5,1206)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	17	2.04
(5,1206)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	17	2.04
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD2	17	2.04
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD3	17	2.04
(5,755)	1:32:A:GLY:HA2	1:34:A:LYS:H	18	2.04
(4,748)	1:32:A:GLY:HA2	1:34:A:LYS:H	16	2.04
(3,1741)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	13	2.04
(3,1741)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	13	2.04
(3,1741)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	13	2.04
(3,1196)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	10	2.04
(3,1196)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	10	2.04
(3,1196)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	10	2.04
(3,235)	1:40:A:LEU:HD11	1:44:A:GLU:H	16	2.04
(3,235)	1:40:A:LEU:HD12	1:44:A:GLU:H	16	2.04
(3,235)	1:40:A:LEU:HD13	1:44:A:GLU:H	16	2.04
(2,978)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	2	2.04
(2,978)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	2	2.04
(2,841)	1:43:A:MET:HE1	1:144:A:LEU:HB2	13	2.04
(2,841)	1:43:A:MET:HE2	1:144:A:LEU:HB2	13	2.04
(2,841)	1:43:A:MET:HE3	1:144:A:LEU:HB2	13	2.04
(2,841)	1:43:A:MET:HE1	1:144:A:LEU:HB3	13	2.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,841)	1:43:A:MET:HE2	1:144:A:LEU:HB3	13	2.04
(2,841)	1:43:A:MET:HE3	1:144:A:LEU:HB3	13	2.04
(1,1638)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	5	2.04
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	5	2.04
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	5	2.04
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	5	2.04
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	9	2.04
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	9	2.04
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	9	2.04
(1,968)	1:11:A:ILE:HD11	1:12:A:VAL:HA	18	2.04
(1,968)	1:11:A:ILE:HD12	1:12:A:VAL:HA	18	2.04
(1,968)	1:11:A:ILE:HD13	1:12:A:VAL:HA	18	2.04
(1,919)	1:21:A:THR:HB	1:24:A:ASP:H	14	2.04
(34,947)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	7	2.03
(34,947)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	7	2.03
(34,947)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	7	2.03
(34,947)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	7	2.03
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB1	2	2.03
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB2	2	2.03
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB3	2	2.03
(33,934)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	7	2.03
(33,934)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	7	2.03
(33,934)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	7	2.03
(33,934)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	7	2.03
(32,2487)	1:144:A:LEU:HD11	1:146:A:GLN:HG2	2	2.03
(32,2487)	1:144:A:LEU:HD11	1:146:A:GLN:HG3	2	2.03
(32,2487)	1:144:A:LEU:HD12	1:146:A:GLN:HG2	2	2.03
(32,2487)	1:144:A:LEU:HD12	1:146:A:GLN:HG3	2	2.03
(32,2487)	1:144:A:LEU:HD13	1:146:A:GLN:HG2	2	2.03
(32,2487)	1:144:A:LEU:HD13	1:146:A:GLN:HG3	2	2.03
(32,2487)	1:144:A:LEU:HD21	1:146:A:GLN:HG2	2	2.03
(32,2487)	1:144:A:LEU:HD21	1:146:A:GLN:HG3	2	2.03
(32,2487)	1:144:A:LEU:HD22	1:146:A:GLN:HG2	2	2.03
(32,2487)	1:144:A:LEU:HD22	1:146:A:GLN:HG3	2	2.03
(32,2487)	1:144:A:LEU:HD23	1:146:A:GLN:HG2	2	2.03
(32,2487)	1:144:A:LEU:HD23	1:146:A:GLN:HG3	2	2.03
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE1	12	2.03
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE2	12	2.03
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE1	12	2.03
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE2	12	2.03
(30,1059)	1:54:A:ARG:HA	1:58:A:ILE:HG13	10	2.03
(30,1059)	1:54:A:ARG:HA	1:58:A:ILE:HG13	12	2.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,850)	1:48:A:ARG:HD2	1:49:A:LYS:HA	19	2.03
(29,850)	1:48:A:ARG:HD3	1:49:A:LYS:HA	19	2.03
(29,159)	1:67:A:PRO:HD3	1:95:A:ILE:H	16	2.03
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	14	2.03
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	14	2.03
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	14	2.03
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	14	2.03
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	14	2.03
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	14	2.03
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	14	2.03
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	14	2.03
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	14	2.03
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	14	2.03
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	14	2.03
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	14	2.03
(15,926)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	7	2.03
(15,926)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	7	2.03
(15,926)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	7	2.03
(15,926)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	7	2.03
(15,14)	1:64:A:LYS:H	1:116:A:GLN:HG2	3	2.03
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE21	2	2.03
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE22	2	2.03
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE21	2	2.03
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE22	2	2.03
(11,2254)	1:69:A:MET:HG2	1:70:A:LYS:HE2	4	2.03
(11,2254)	1:69:A:MET:HG2	1:70:A:LYS:HE3	4	2.03
(11,2254)	1:69:A:MET:HG3	1:70:A:LYS:HE2	4	2.03
(11,2254)	1:69:A:MET:HG3	1:70:A:LYS:HE3	4	2.03
(11,927)	1:108:A:GLU:HG3	1:112:A:GLN:H	16	2.03
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD11	7	2.03
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD12	7	2.03
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD13	7	2.03
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD21	7	2.03
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD22	7	2.03
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD23	7	2.03
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD11	7	2.03
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD12	7	2.03
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD13	7	2.03
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD21	7	2.03
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD22	7	2.03
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD23	7	2.03
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD11	7	2.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD12	7	2.03
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD13	7	2.03
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD21	7	2.03
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD22	7	2.03
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD23	7	2.03
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD11	7	2.03
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD12	7	2.03
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD13	7	2.03
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD21	7	2.03
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD22	7	2.03
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD23	7	2.03
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD11	7	2.03
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD12	7	2.03
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD13	7	2.03
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD21	7	2.03
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD22	7	2.03
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD23	7	2.03
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD11	7	2.03
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD12	7	2.03
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD13	7	2.03
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD21	7	2.03
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD22	7	2.03
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD23	7	2.03
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG11	4	2.03
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG12	4	2.03
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG13	4	2.03
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG21	4	2.03
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG22	4	2.03
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG23	4	2.03
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG11	14	2.03
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG12	14	2.03
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG13	14	2.03
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG21	14	2.03
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG22	14	2.03
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG23	14	2.03
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	4	2.03
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	4	2.03
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	4	2.03
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	4	2.03
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	17	2.03
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	17	2.03
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	17	2.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,917)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	7	2.03
(7,917)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	7	2.03
(7,917)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	7	2.03
(7,917)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	7	2.03
(7,28)	1:13:A:ALA:H	1:40:A:LEU:HD11	10	2.03
(7,28)	1:13:A:ALA:H	1:40:A:LEU:HD12	10	2.03
(7,28)	1:13:A:ALA:H	1:40:A:LEU:HD13	10	2.03
(6,1980)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	11	2.03
(6,1980)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	11	2.03
(6,1980)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	11	2.03
(6,1980)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	11	2.03
(6,1980)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	11	2.03
(6,1980)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	11	2.03
(6,1980)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	11	2.03
(6,1980)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	11	2.03
(6,1980)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	11	2.03
(6,1980)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	11	2.03
(6,1980)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	11	2.03
(6,1980)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	11	2.03
(6,152)	1:67:A:PRO:HD3	1:95:A:ILE:H	16	2.03
(5,1206)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	13	2.03
(5,1206)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	13	2.03
(5,1206)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	13	2.03
(5,1033)	1:11:A:ILE:HG13	1:44:A:GLU:HG3	14	2.03
(5,994)	1:35:A:LEU:HG	1:143:A:TRP:HB3	16	2.03
(5,929)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	7	2.03
(5,929)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	7	2.03
(5,929)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	7	2.03
(5,929)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	7	2.03
(5,896)	1:21:A:THR:HB	1:24:A:ASP:H	17	2.03
(5,147)	1:67:A:PRO:HD3	1:95:A:ILE:H	16	2.03
(3,1689)	1:69:A:MET:HE1	1:116:A:GLN:HG3	4	2.03
(3,1689)	1:69:A:MET:HE2	1:116:A:GLN:HG3	4	2.03
(3,1689)	1:69:A:MET:HE3	1:116:A:GLN:HG3	4	2.03
(3,945)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	7	2.03
(3,945)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	7	2.03
(3,945)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	7	2.03
(3,945)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	7	2.03
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	3	2.03
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	3	2.03
(3,662)	1:100:A:ALA:H	1:119:A:LEU:HG	16	2.03
(3,662)	1:100:A:ALA:H	1:119:A:LEU:HG	19	2.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	17	2.03
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	17	2.03
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	17	2.03
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG21	5	2.03
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG22	5	2.03
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG23	5	2.03
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG21	5	2.03
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG22	5	2.03
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG23	5	2.03
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG21	5	2.03
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG22	5	2.03
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG23	5	2.03
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG21	8	2.03
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG22	8	2.03
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG23	8	2.03
(34,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	6	2.02
(34,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	6	2.02
(34,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	6	2.02
(34,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	6	2.02
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD21	4	2.02
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD22	4	2.02
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD23	4	2.02
(34,1094)	1:66:A:THR:HG21	1:95:A:ILE:HA	1	2.02
(34,1094)	1:66:A:THR:HG22	1:95:A:ILE:HA	1	2.02
(34,1094)	1:66:A:THR:HG23	1:95:A:ILE:HA	1	2.02
(34,269)	1:27:A:ARG:HB3	1:29:A:LYS:H	9	2.02
(33,2500)	1:144:A:LEU:HD11	1:148:A:CYS:H	8	2.02
(33,2500)	1:144:A:LEU:HD12	1:148:A:CYS:H	8	2.02
(33,2500)	1:144:A:LEU:HD13	1:148:A:CYS:H	8	2.02
(33,2500)	1:144:A:LEU:HD21	1:148:A:CYS:H	8	2.02
(33,2500)	1:144:A:LEU:HD22	1:148:A:CYS:H	8	2.02
(33,2500)	1:144:A:LEU:HD23	1:148:A:CYS:H	8	2.02
(33,1634)	1:102:A:PRO:HA	1:105:A:LYS:HD2	7	2.02
(33,1634)	1:102:A:PRO:HA	1:105:A:LYS:HD3	7	2.02
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB1	7	2.02
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB2	7	2.02
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB3	7	2.02
(32,1981)	1:17:A:ASN:HB2	1:76:A:ARG:HA	1	2.02
(32,1981)	1:17:A:ASN:HB3	1:76:A:ARG:HA	1	2.02
(32,1707)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	17	2.02
(32,1707)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	17	2.02
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD11	6	2.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD12	6	2.02
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD13	6	2.02
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD21	6	2.02
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD22	6	2.02
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD23	6	2.02
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD11	2	2.02
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD12	2	2.02
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD13	2	2.02
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD11	2	2.02
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD12	2	2.02
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD13	2	2.02
(30,66)	1:33:A:LYS:HB2	1:81:A:GLU:H	7	2.02
(30,66)	1:33:A:LYS:HB3	1:81:A:GLU:H	7	2.02
(29,2445)	1:144:A:LEU:HD11	1:148:A:CYS:H	8	2.02
(29,2445)	1:144:A:LEU:HD12	1:148:A:CYS:H	8	2.02
(29,2445)	1:144:A:LEU:HD13	1:148:A:CYS:H	8	2.02
(29,2445)	1:144:A:LEU:HD21	1:148:A:CYS:H	8	2.02
(29,2445)	1:144:A:LEU:HD22	1:148:A:CYS:H	8	2.02
(29,2445)	1:144:A:LEU:HD23	1:148:A:CYS:H	8	2.02
(29,1711)	1:53:A:THR:H	1:124:A:THR:HB	2	2.02
(19,9)	1:127:A:CYS:SG	1:123:A:CYS:CB	16	2.02
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD11	3	2.02
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD12	3	2.02
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD13	3	2.02
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD21	3	2.02
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD22	3	2.02
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD23	3	2.02
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	8	2.02
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	8	2.02
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	8	2.02
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	8	2.02
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	8	2.02
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	8	2.02
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	8	2.02
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	8	2.02
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	8	2.02
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	8	2.02
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	8	2.02
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	8	2.02
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	17	2.02
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	17	2.02
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	17	2.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	17	2.02
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	17	2.02
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	17	2.02
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	17	2.02
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	17	2.02
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	17	2.02
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	17	2.02
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	17	2.02
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	17	2.02
(17,2073)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	5	2.02
(17,2073)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	5	2.02
(17,2073)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	5	2.02
(17,2073)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	5	2.02
(17,260)	1:27:A:ARG:HB3	1:29:A:LYS:H	9	2.02
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD11	19	2.02
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD12	19	2.02
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD13	19	2.02
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD21	19	2.02
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD22	19	2.02
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD23	19	2.02
(16,1874)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	7	2.02
(16,1874)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	7	2.02
(15,1950)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	11	2.02
(15,1950)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	11	2.02
(15,1950)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	11	2.02
(15,1950)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	11	2.02
(15,1950)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	11	2.02
(15,1950)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	11	2.02
(15,992)	1:12:A:VAL:HB	1:40:A:LEU:H	17	2.02
(15,70)	1:33:A:LYS:HB2	1:81:A:GLU:H	7	2.02
(15,70)	1:33:A:LYS:HB3	1:81:A:GLU:H	7	2.02
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE1	5	2.02
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE2	5	2.02
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE3	5	2.02
(13,1596)	1:12:A:VAL:HA	1:80:A:TYR:HB3	5	2.02
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	18	2.02
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	18	2.02
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	18	2.02
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	18	2.02
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	18	2.02
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	18	2.02
(13,928)	1:11:A:ILE:HD11	1:12:A:VAL:HA	18	2.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,928)	1:11:A:ILE:HD12	1:12:A:VAL:HA	18	2.02
(13,928)	1:11:A:ILE:HD13	1:12:A:VAL:HA	18	2.02
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	1	2.02
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	1	2.02
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	1	2.02
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	1	2.02
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	1	2.02
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	1	2.02
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	9	2.02
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	9	2.02
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	9	2.02
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	9	2.02
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	9	2.02
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	9	2.02
(9,2433)	1:144:A:LEU:HD11	1:148:A:CYS:H	8	2.02
(9,2433)	1:144:A:LEU:HD12	1:148:A:CYS:H	8	2.02
(9,2433)	1:144:A:LEU:HD13	1:148:A:CYS:H	8	2.02
(9,2433)	1:144:A:LEU:HD21	1:148:A:CYS:H	8	2.02
(9,2433)	1:144:A:LEU:HD22	1:148:A:CYS:H	8	2.02
(9,2433)	1:144:A:LEU:HD23	1:148:A:CYS:H	8	2.02
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB1	7	2.02
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB2	7	2.02
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB3	7	2.02
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD21	14	2.02
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD22	14	2.02
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD23	14	2.02
(7,978)	1:35:A:LEU:HG	1:143:A:TRP:HB3	19	2.02
(6,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	6	2.02
(6,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	6	2.02
(6,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	6	2.02
(6,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	6	2.02
(5,2474)	1:144:A:LEU:HD11	1:148:A:CYS:H	8	2.02
(5,2474)	1:144:A:LEU:HD12	1:148:A:CYS:H	8	2.02
(5,2474)	1:144:A:LEU:HD13	1:148:A:CYS:H	8	2.02
(5,2474)	1:144:A:LEU:HD21	1:148:A:CYS:H	8	2.02
(5,2474)	1:144:A:LEU:HD22	1:148:A:CYS:H	8	2.02
(5,2474)	1:144:A:LEU:HD23	1:148:A:CYS:H	8	2.02
(5,257)	1:27:A:ARG:HB3	1:29:A:LYS:H	9	2.02
(4,1930)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	7	2.02
(4,1930)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	7	2.02
(4,1930)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	7	2.02
(4,1930)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	7	2.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,43)	1:98:A:ILE:H	1:104:A:PHE:HB2	3	2.02
(3,1145)	1:143:A:TRP:HA	1:144:A:LEU:HD21	10	2.02
(3,1145)	1:143:A:TRP:HA	1:144:A:LEU:HD22	10	2.02
(3,1145)	1:143:A:TRP:HA	1:144:A:LEU:HD23	10	2.02
(2,2471)	1:145:A:PRO:HB2	1:148:A:CYS:HB2	15	2.02
(2,2471)	1:145:A:PRO:HB2	1:148:A:CYS:HB3	15	2.02
(2,2076)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	5	2.02
(2,2076)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	5	2.02
(2,2076)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	5	2.02
(2,2076)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	5	2.02
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD11	5	2.02
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD12	5	2.02
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD13	5	2.02
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD21	5	2.02
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD22	5	2.02
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD23	5	2.02
(2,1645)	1:12:A:VAL:HA	1:80:A:TYR:HB3	5	2.02
(2,261)	1:27:A:ARG:HB3	1:29:A:LYS:H	9	2.02
(1,2052)	1:30:A:LEU:HD11	1:144:A:LEU:HA	2	2.02
(1,2052)	1:30:A:LEU:HD12	1:144:A:LEU:HA	2	2.02
(1,2052)	1:30:A:LEU:HD13	1:144:A:LEU:HA	2	2.02
(1,2052)	1:30:A:LEU:HD21	1:144:A:LEU:HA	2	2.02
(1,2052)	1:30:A:LEU:HD22	1:144:A:LEU:HA	2	2.02
(1,2052)	1:30:A:LEU:HD23	1:144:A:LEU:HA	2	2.02
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG11	9	2.02
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG12	9	2.02
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG13	9	2.02
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG21	9	2.02
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG22	9	2.02
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG23	9	2.02
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG11	9	2.02
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG12	9	2.02
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG13	9	2.02
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG21	9	2.02
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG22	9	2.02
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG23	9	2.02
(1,1007)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	13	2.02
(1,1007)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	13	2.02
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	17	2.01
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	17	2.01
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	17	2.01
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	17	2.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	17	2.01
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	17	2.01
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	17	2.01
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	17	2.01
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	17	2.01
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	17	2.01
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	17	2.01
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	17	2.01
(34,1490)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	8	2.01
(34,630)	1:35:A:LEU:H	1:80:A:TYR:HB2	6	2.01
(33,1353)	1:13:A:ALA:H	1:79:A:THR:HG21	11	2.01
(33,1353)	1:13:A:ALA:H	1:79:A:THR:HG22	11	2.01
(33,1353)	1:13:A:ALA:H	1:79:A:THR:HG23	11	2.01
(33,1329)	1:106:A:ASP:HA	1:112:A:GLN:HE21	19	2.01
(32,1706)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	18	2.01
(32,1706)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	18	2.01
(32,1309)	1:105:A:LYS:HD2	1:106:A:ASP:HA	16	2.01
(32,1309)	1:105:A:LYS:HD3	1:106:A:ASP:HA	16	2.01
(32,1297)	1:106:A:ASP:HA	1:112:A:GLN:HE21	19	2.01
(30,1334)	1:105:A:LYS:HD2	1:106:A:ASP:HA	16	2.01
(30,1334)	1:105:A:LYS:HD3	1:106:A:ASP:HA	16	2.01
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD11	2	2.01
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD12	2	2.01
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD13	2	2.01
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD21	2	2.01
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD22	2	2.01
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD23	2	2.01
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD11	2	2.01
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD12	2	2.01
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD13	2	2.01
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD21	2	2.01
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD22	2	2.01
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD23	2	2.01
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD11	2	2.01
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD12	2	2.01
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD13	2	2.01
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD21	2	2.01
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD22	2	2.01
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD23	2	2.01
(29,1346)	1:105:A:LYS:HD2	1:106:A:ASP:HA	16	2.01
(29,1346)	1:105:A:LYS:HD3	1:106:A:ASP:HA	16	2.01
(20,2)	1:123:A:CYS:SG	1:127:A:CYS:SG	12	2.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(19,16)	1:52:A:CYS:SG	1:56:A:CYS:CB	2	2.01
(19,9)	1:127:A:CYS:SG	1:123:A:CYS:CB	8	2.01
(18,1334)	1:105:A:LYS:HD2	1:106:A:ASP:HA	16	2.01
(18,1334)	1:105:A:LYS:HD3	1:106:A:ASP:HA	16	2.01
(17,1497)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	8	2.01
(17,1368)	1:13:A:ALA:H	1:79:A:THR:HG21	11	2.01
(17,1368)	1:13:A:ALA:H	1:79:A:THR:HG22	11	2.01
(17,1368)	1:13:A:ALA:H	1:79:A:THR:HG23	11	2.01
(17,1353)	1:105:A:LYS:HD2	1:106:A:ASP:HA	16	2.01
(17,1353)	1:105:A:LYS:HD3	1:106:A:ASP:HA	16	2.01
(17,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	6	2.01
(17,556)	1:10:A:ASN:HD21	1:14:A:VAL:HB	12	2.01
(16,2071)	1:32:A:GLY:HA2	1:81:A:GLU:H	16	2.01
(16,2071)	1:32:A:GLY:HA3	1:81:A:GLU:H	16	2.01
(16,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	7	2.01
(16,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	7	2.01
(16,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	7	2.01
(16,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	7	2.01
(16,1473)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	8	2.01
(16,1345)	1:105:A:LYS:HD2	1:106:A:ASP:HA	16	2.01
(16,1345)	1:105:A:LYS:HD3	1:106:A:ASP:HA	16	2.01
(15,1327)	1:106:A:ASP:HA	1:112:A:GLN:HE21	19	2.01
(15,990)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	2	2.01
(15,990)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	2	2.01
(13,1313)	1:105:A:LYS:HD2	1:106:A:ASP:HA	16	2.01
(13,1313)	1:105:A:LYS:HD3	1:106:A:ASP:HA	16	2.01
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD21	2	2.01
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD22	2	2.01
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD23	2	2.01
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD2	4	2.01
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD3	4	2.01
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD2	4	2.01
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD3	4	2.01
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD2	4	2.01
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD3	4	2.01
(11,1422)	1:56:A:CYS:HA	1:120:A:CYS:HA	11	2.01
(11,1361)	1:105:A:LYS:HD2	1:106:A:ASP:HA	2	2.01
(11,1361)	1:105:A:LYS:HD3	1:106:A:ASP:HA	2	2.01
(11,1001)	1:35:A:LEU:HG	1:143:A:TRP:HB3	16	2.01
(9,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	6	2.01
(7,1321)	1:105:A:LYS:HD2	1:106:A:ASP:HA	16	2.01
(7,1321)	1:105:A:LYS:HD3	1:106:A:ASP:HA	16	2.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,970)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	2	2.01
(7,970)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	2	2.01
(7,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	6	2.01
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG11	13	2.01
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG12	13	2.01
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG13	13	2.01
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG21	13	2.01
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG22	13	2.01
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG23	13	2.01
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG11	13	2.01
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG12	13	2.01
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG13	13	2.01
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG21	13	2.01
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG22	13	2.01
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG23	13	2.01
(5,1370)	1:13:A:ALA:H	1:79:A:THR:HG21	11	2.01
(5,1370)	1:13:A:ALA:H	1:79:A:THR:HG22	11	2.01
(5,1370)	1:13:A:ALA:H	1:79:A:THR:HG23	11	2.01
(5,1359)	1:105:A:LYS:HD2	1:106:A:ASP:HA	16	2.01
(5,1359)	1:105:A:LYS:HD3	1:106:A:ASP:HA	16	2.01
(5,896)	1:21:A:THR:HB	1:24:A:ASP:H	14	2.01
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD11	8	2.01
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD12	8	2.01
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD13	8	2.01
(4,975)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	2	2.01
(4,975)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	2	2.01
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG21	10	2.01
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG22	10	2.01
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG23	10	2.01
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG21	10	2.01
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG22	10	2.01
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG23	10	2.01
(3,1407)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	3	2.01
(3,1407)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	3	2.01
(3,1407)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	3	2.01
(3,1366)	1:105:A:LYS:HD2	1:106:A:ASP:HA	16	2.01
(3,1366)	1:105:A:LYS:HD3	1:106:A:ASP:HA	16	2.01
(3,863)	1:43:A:MET:HE1	1:144:A:LEU:HB3	13	2.01
(3,863)	1:43:A:MET:HE2	1:144:A:LEU:HB3	13	2.01
(3,863)	1:43:A:MET:HE3	1:144:A:LEU:HB3	13	2.01
(3,662)	1:100:A:ALA:H	1:119:A:LEU:HG	10	2.01
(2,1340)	1:105:A:LYS:HD2	1:106:A:ASP:HA	16	2.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1340)	1:105:A:LYS:HD3	1:106:A:ASP:HA	16	2.01
(2,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	6	2.01
(2,117)	1:10:A:ASN:HD22	1:80:A:TYR:H	5	2.01
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE1	17	2.01
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE2	17	2.01
(1,1638)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	3	2.01
(1,1636)	1:10:A:ASN:HB3	1:14:A:VAL:HB	14	2.01
(1,1385)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	1	2.01
(1,1385)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	1	2.01
(1,1385)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	1	2.01
(1,1341)	1:105:A:LYS:HD2	1:106:A:ASP:HA	16	2.01
(1,1341)	1:105:A:LYS:HD3	1:106:A:ASP:HA	16	2.01
(1,1332)	1:106:A:ASP:HA	1:112:A:GLN:HE21	19	2.01
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG21	1	2.01
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG22	1	2.01
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG23	1	2.01
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG21	1	2.01
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG22	1	2.01
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG23	1	2.01
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG21	1	2.01
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG22	1	2.01
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG23	1	2.01
(1,1076)	1:66:A:THR:HG21	1:95:A:ILE:HA	9	2.01
(1,1076)	1:66:A:THR:HG22	1:95:A:ILE:HA	9	2.01
(1,1076)	1:66:A:THR:HG23	1:95:A:ILE:HA	9	2.01
(1,1076)	1:66:A:THR:HG21	1:95:A:ILE:HA	17	2.01
(1,1076)	1:66:A:THR:HG22	1:95:A:ILE:HA	17	2.01
(1,1076)	1:66:A:THR:HG23	1:95:A:ILE:HA	17	2.01
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG11	6	2.0
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG12	6	2.0
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG13	6	2.0
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG21	6	2.0
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG22	6	2.0
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG23	6	2.0
(34,1248)	1:34:A:LYS:H	1:81:A:GLU:HA	10	2.0
(33,2500)	1:144:A:LEU:HD11	1:148:A:CYS:H	17	2.0
(33,2500)	1:144:A:LEU:HD12	1:148:A:CYS:H	17	2.0
(33,2500)	1:144:A:LEU:HD13	1:148:A:CYS:H	17	2.0
(33,2500)	1:144:A:LEU:HD21	1:148:A:CYS:H	17	2.0
(33,2500)	1:144:A:LEU:HD22	1:148:A:CYS:H	17	2.0
(33,2500)	1:144:A:LEU:HD23	1:148:A:CYS:H	17	2.0
(33,1729)	1:19:A:ALA:H	1:132:A:ALA:HA	12	2.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1914)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	1	2.0
(32,1914)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	1	2.0
(32,1914)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	1	2.0
(32,1914)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	1	2.0
(32,1653)	1:43:A:MET:HE1	1:131:A:LEU:HA	4	2.0
(32,1653)	1:43:A:MET:HE2	1:131:A:LEU:HA	4	2.0
(32,1653)	1:43:A:MET:HE3	1:131:A:LEU:HA	4	2.0
(32,1190)	1:34:A:LYS:H	1:81:A:GLU:HA	10	2.0
(30,1219)	1:34:A:LYS:H	1:81:A:GLU:HA	10	2.0
(29,2445)	1:144:A:LEU:HD11	1:148:A:CYS:H	17	2.0
(29,2445)	1:144:A:LEU:HD12	1:148:A:CYS:H	17	2.0
(29,2445)	1:144:A:LEU:HD13	1:148:A:CYS:H	17	2.0
(29,2445)	1:144:A:LEU:HD21	1:148:A:CYS:H	17	2.0
(29,2445)	1:144:A:LEU:HD22	1:148:A:CYS:H	17	2.0
(29,2445)	1:144:A:LEU:HD23	1:148:A:CYS:H	17	2.0
(18,1376)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	1	2.0
(18,1376)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	1	2.0
(18,1376)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	1	2.0
(18,514)	1:101:A:ILE:HG13	1:105:A:LYS:H	10	2.0
(17,2073)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	12	2.0
(17,2073)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	12	2.0
(17,2073)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	12	2.0
(17,2073)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	12	2.0
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD11	7	2.0
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD12	7	2.0
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD13	7	2.0
(16,2339)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	19	2.0
(16,2339)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	19	2.0
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD11	6	2.0
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD12	6	2.0
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD13	6	2.0
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD21	6	2.0
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD22	6	2.0
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD23	6	2.0
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD11	6	2.0
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD12	6	2.0
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD13	6	2.0
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD21	6	2.0
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD22	6	2.0
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD23	6	2.0
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD11	6	2.0
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD12	6	2.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD13	6	2.0
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD21	6	2.0
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD22	6	2.0
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD23	6	2.0
(16,1231)	1:34:A:LYS:H	1:81:A:GLU:HA	10	2.0
(15,1224)	1:34:A:LYS:H	1:81:A:GLU:HA	10	2.0
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	11	2.0
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	11	2.0
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	11	2.0
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG2	8	2.0
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG3	8	2.0
(11,995)	1:102:A:PRO:HA	1:105:A:LYS:HD2	5	2.0
(11,995)	1:102:A:PRO:HA	1:105:A:LYS:HD3	5	2.0
(9,2433)	1:144:A:LEU:HD11	1:148:A:CYS:H	17	2.0
(9,2433)	1:144:A:LEU:HD12	1:148:A:CYS:H	17	2.0
(9,2433)	1:144:A:LEU:HD13	1:148:A:CYS:H	17	2.0
(9,2433)	1:144:A:LEU:HD21	1:148:A:CYS:H	17	2.0
(9,2433)	1:144:A:LEU:HD22	1:148:A:CYS:H	17	2.0
(9,2433)	1:144:A:LEU:HD23	1:148:A:CYS:H	17	2.0
(9,1692)	1:43:A:MET:HE1	1:131:A:LEU:HA	4	2.0
(9,1692)	1:43:A:MET:HE2	1:131:A:LEU:HA	4	2.0
(9,1692)	1:43:A:MET:HE3	1:131:A:LEU:HA	4	2.0
(9,1451)	1:13:A:ALA:HB1	1:78:A:HIS:HA	16	2.0
(9,1451)	1:13:A:ALA:HB2	1:78:A:HIS:HA	16	2.0
(9,1451)	1:13:A:ALA:HB3	1:78:A:HIS:HA	16	2.0
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	12	2.0
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	12	2.0
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	12	2.0
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	13	2.0
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	13	2.0
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	13	2.0
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	18	2.0
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	18	2.0
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	18	2.0
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	18	2.0
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	18	2.0
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	18	2.0
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	18	2.0
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	18	2.0
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	18	2.0
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	18	2.0
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	18	2.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	18	2.0
(6,1959)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	1	2.0
(6,1959)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	1	2.0
(6,1959)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	1	2.0
(6,1959)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	1	2.0
(5,2474)	1:144:A:LEU:HD11	1:148:A:CYS:H	17	2.0
(5,2474)	1:144:A:LEU:HD12	1:148:A:CYS:H	17	2.0
(5,2474)	1:144:A:LEU:HD13	1:148:A:CYS:H	17	2.0
(5,2474)	1:144:A:LEU:HD21	1:148:A:CYS:H	17	2.0
(5,2474)	1:144:A:LEU:HD22	1:148:A:CYS:H	17	2.0
(5,2474)	1:144:A:LEU:HD23	1:148:A:CYS:H	17	2.0
(5,2127)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	17	2.0
(5,2127)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	17	2.0
(5,2127)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	17	2.0
(5,2127)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	17	2.0
(5,2127)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	17	2.0
(5,2127)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	17	2.0
(5,843)	1:43:A:MET:HE1	1:144:A:LEU:HB3	6	2.0
(5,843)	1:43:A:MET:HE2	1:144:A:LEU:HB3	6	2.0
(5,843)	1:43:A:MET:HE3	1:144:A:LEU:HB3	6	2.0
(5,843)	1:43:A:MET:HE1	1:144:A:LEU:HB2	6	2.0
(5,843)	1:43:A:MET:HE2	1:144:A:LEU:HB2	6	2.0
(5,843)	1:43:A:MET:HE3	1:144:A:LEU:HB2	6	2.0
(4,940)	1:11:A:ILE:HD11	1:12:A:VAL:HA	15	2.0
(4,940)	1:11:A:ILE:HD12	1:12:A:VAL:HA	15	2.0
(4,940)	1:11:A:ILE:HD13	1:12:A:VAL:HA	15	2.0
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB1	10	2.0
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB2	10	2.0
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB3	10	2.0
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG2	18	2.0
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG3	18	2.0
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG2	18	2.0
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG3	18	2.0
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG2	18	2.0
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG3	18	2.0
(3,1407)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	15	2.0
(3,1407)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	15	2.0
(3,1407)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	15	2.0
(3,1245)	1:34:A:LYS:H	1:81:A:GLU:HA	10	2.0
(3,1040)	1:113:A:PHE:HA	1:116:A:GLN:HG3	1	2.0
(2,2076)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	12	2.0
(2,2076)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	12	2.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2076)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	12	2.0
(2,2076)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	12	2.0
(2,1932)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	1	2.0
(2,1932)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	1	2.0
(2,1932)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	1	2.0
(2,1932)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	1	2.0
(2,1136)	1:10:A:ASN:HD22	1:80:A:TYR:HA	11	2.0
(1,2053)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	5	2.0
(1,2053)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	5	2.0
(1,2053)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	5	2.0
(1,2053)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	5	2.0
(1,2053)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	5	2.0
(1,2053)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	5	2.0
(1,2053)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	5	2.0
(1,2053)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	5	2.0
(1,2053)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	5	2.0
(1,2053)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	5	2.0
(1,2053)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	5	2.0
(1,2053)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	5	2.0
(1,2052)	1:30:A:LEU:HD11	1:144:A:LEU:HA	12	2.0
(1,2052)	1:30:A:LEU:HD12	1:144:A:LEU:HA	12	2.0
(1,2052)	1:30:A:LEU:HD13	1:144:A:LEU:HA	12	2.0
(1,2052)	1:30:A:LEU:HD21	1:144:A:LEU:HA	12	2.0
(1,2052)	1:30:A:LEU:HD22	1:144:A:LEU:HA	12	2.0
(1,2052)	1:30:A:LEU:HD23	1:144:A:LEU:HA	12	2.0
(34,802)	1:11:A:ILE:HD11	1:14:A:VAL:HB	3	1.99
(34,802)	1:11:A:ILE:HD12	1:14:A:VAL:HB	3	1.99
(34,802)	1:11:A:ILE:HD13	1:14:A:VAL:HB	3	1.99
(33,820)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	17	1.99
(33,820)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	17	1.99
(33,820)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	17	1.99
(33,572)	1:11:A:ILE:HD11	1:16:A:SER:H	15	1.99
(33,572)	1:11:A:ILE:HD12	1:16:A:SER:H	15	1.99
(33,572)	1:11:A:ILE:HD13	1:16:A:SER:H	15	1.99
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	8	1.99
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	8	1.99
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	8	1.99
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	8	1.99
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	8	1.99
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	8	1.99
(32,1039)	1:54:A:ARG:HA	1:58:A:ILE:HG13	17	1.99
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD11	1	1.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD12	1	1.99
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD13	1	1.99
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD21	1	1.99
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD22	1	1.99
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD23	1	1.99
(30,2060)	1:31:A:PRO:HD2	1:143:A:TRP:HA	9	1.99
(30,2060)	1:31:A:PRO:HD3	1:143:A:TRP:HA	9	1.99
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE1	19	1.99
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE2	19	1.99
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE1	19	1.99
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE2	19	1.99
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE1	19	1.99
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE2	19	1.99
(30,980)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	2	1.99
(30,980)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	2	1.99
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD11	1	1.99
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD12	1	1.99
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD13	1	1.99
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD21	1	1.99
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD22	1	1.99
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD23	1	1.99
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD11	1	1.99
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD12	1	1.99
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD13	1	1.99
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD21	1	1.99
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD22	1	1.99
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD23	1	1.99
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB1	2	1.99
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB2	2	1.99
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB3	2	1.99
(29,850)	1:48:A:ARG:HD2	1:49:A:LYS:HA	13	1.99
(29,850)	1:48:A:ARG:HD3	1:49:A:LYS:HA	13	1.99
(19,9)	1:127:A:CYS:SG	1:123:A:CYS:CB	19	1.99
(18,1082)	1:54:A:ARG:HA	1:58:A:ILE:HG13	17	1.99
(18,908)	1:67:A:PRO:HD3	1:95:A:ILE:HB	8	1.99
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD21	14	1.99
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD22	14	1.99
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD23	14	1.99
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD21	14	1.99
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD22	14	1.99
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD23	14	1.99
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD21	14	1.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD22	14	1.99
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD23	14	1.99
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG2	1	1.99
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG3	1	1.99
(16,2339)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	14	1.99
(16,2339)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	14	1.99
(16,1758)	1:95:A:ILE:HG21	1:97:A:ASP:HA	5	1.99
(16,1758)	1:95:A:ILE:HG22	1:97:A:ASP:HA	5	1.99
(16,1758)	1:95:A:ILE:HG23	1:97:A:ASP:HA	5	1.99
(16,1475)	1:95:A:ILE:HG21	1:97:A:ASP:H	6	1.99
(16,1475)	1:95:A:ILE:HG22	1:97:A:ASP:H	6	1.99
(16,1475)	1:95:A:ILE:HG23	1:97:A:ASP:H	6	1.99
(15,1950)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	1	1.99
(15,1950)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	1	1.99
(15,1950)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	1	1.99
(15,1950)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	1	1.99
(15,1950)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	1	1.99
(15,1950)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	1	1.99
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	10	1.99
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	10	1.99
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	10	1.99
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	10	1.99
(15,1575)	1:98:A:ILE:HD11	1:115:A:ALA:H	10	1.99
(15,1575)	1:98:A:ILE:HD12	1:115:A:ALA:H	10	1.99
(15,1575)	1:98:A:ILE:HD13	1:115:A:ALA:H	10	1.99
(15,818)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	17	1.99
(15,818)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	17	1.99
(15,818)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	17	1.99
(15,801)	1:11:A:ILE:HD11	1:14:A:VAL:HB	3	1.99
(15,801)	1:11:A:ILE:HD12	1:14:A:VAL:HB	3	1.99
(15,801)	1:11:A:ILE:HD13	1:14:A:VAL:HB	3	1.99
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	3	1.99
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	3	1.99
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	3	1.99
(13,1052)	1:54:A:ARG:HA	1:58:A:ILE:HG13	17	1.99
(11,1376)	1:13:A:ALA:H	1:79:A:THR:HG21	11	1.99
(11,1376)	1:13:A:ALA:H	1:79:A:THR:HG22	11	1.99
(11,1376)	1:13:A:ALA:H	1:79:A:THR:HG23	11	1.99
(11,795)	1:11:A:ILE:HD11	1:14:A:VAL:HB	3	1.99
(11,795)	1:11:A:ILE:HD12	1:14:A:VAL:HB	3	1.99
(11,795)	1:11:A:ILE:HD13	1:14:A:VAL:HB	3	1.99
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	13	1.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	13	1.99
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	13	1.99
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	13	1.99
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	13	1.99
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	13	1.99
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	5	1.99
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	5	1.99
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	5	1.99
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	5	1.99
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	5	1.99
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	5	1.99
(9,914)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	1	1.99
(7,1622)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	7	1.99
(7,1622)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	7	1.99
(7,1622)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	7	1.99
(7,1622)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	7	1.99
(7,1622)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	7	1.99
(7,1622)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	7	1.99
(7,1622)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	7	1.99
(7,1622)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	7	1.99
(7,1622)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	7	1.99
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB1	2	1.99
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB2	2	1.99
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB3	2	1.99
(7,807)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	17	1.99
(7,807)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	17	1.99
(7,807)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	17	1.99
(7,574)	1:11:A:ILE:HD11	1:16:A:SER:H	15	1.99
(7,574)	1:11:A:ILE:HD12	1:16:A:SER:H	15	1.99
(7,574)	1:11:A:ILE:HD13	1:16:A:SER:H	15	1.99
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE1	12	1.99
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE2	12	1.99
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE1	12	1.99
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE2	12	1.99
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	9	1.99
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	9	1.99
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	9	1.99
(5,1257)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	4	1.99
(5,1257)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	4	1.99
(5,1257)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	4	1.99
(5,1031)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	1	1.99
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG11	13	1.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG12	13	1.99
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG13	13	1.99
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG21	13	1.99
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG22	13	1.99
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG23	13	1.99
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG11	13	1.99
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG12	13	1.99
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG13	13	1.99
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG21	13	1.99
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG22	13	1.99
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG23	13	1.99
(3,1696)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	17	1.99
(3,1696)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	17	1.99
(3,1372)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	12	1.99
(3,1372)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	12	1.99
(3,1372)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	12	1.99
(3,1372)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	12	1.99
(3,1372)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	12	1.99
(3,1372)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	12	1.99
(3,1228)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	13	1.99
(3,1228)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	13	1.99
(3,1228)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	13	1.99
(3,1228)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	13	1.99
(3,1228)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	13	1.99
(3,1228)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	13	1.99
(3,1040)	1:113:A:PHE:HA	1:116:A:GLN:HG3	9	1.99
(3,1000)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	2	1.99
(3,1000)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	2	1.99
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG11	9	1.99
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG12	9	1.99
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG13	9	1.99
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG21	9	1.99
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG22	9	1.99
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG23	9	1.99
(2,1845)	1:9:A:PHE:HZ	1:54:A:ARG:HE	15	1.99
(2,813)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	17	1.99
(2,813)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	17	1.99
(2,813)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	17	1.99
(2,791)	1:11:A:ILE:HD11	1:14:A:VAL:HB	3	1.99
(2,791)	1:11:A:ILE:HD12	1:14:A:VAL:HB	3	1.99
(2,791)	1:11:A:ILE:HD13	1:14:A:VAL:HB	3	1.99
(1,1636)	1:10:A:ASN:HB3	1:14:A:VAL:HB	18	1.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1595)	1:98:A:ILE:HD11	1:115:A:ALA:H	10	1.99
(1,1595)	1:98:A:ILE:HD12	1:115:A:ALA:H	10	1.99
(1,1595)	1:98:A:ILE:HD13	1:115:A:ALA:H	10	1.99
(1,1449)	1:31:A:PRO:HD3	1:143:A:TRP:HA	5	1.99
(1,1158)	1:39:A:VAL:HB	1:139:A:LEU:HA	9	1.99
(1,1079)	1:54:A:ARG:HA	1:58:A:ILE:HG13	17	1.99
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	8	1.98
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	8	1.98
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	8	1.98
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	8	1.98
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	8	1.98
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	8	1.98
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	8	1.98
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	8	1.98
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	8	1.98
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	8	1.98
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	8	1.98
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	8	1.98
(34,1973)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	6	1.98
(34,1973)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	6	1.98
(34,1973)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	6	1.98
(34,1973)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	6	1.98
(34,1973)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	6	1.98
(34,1973)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	6	1.98
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE1	19	1.98
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE2	19	1.98
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE3	19	1.98
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE1	19	1.98
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE2	19	1.98
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE3	19	1.98
(34,111)	1:69:A:MET:H	1:70:A:LYS:HG2	8	1.98
(34,111)	1:69:A:MET:H	1:70:A:LYS:HG2	14	1.98
(33,971)	1:141:A:LYS:HB2	1:149:A:ALA:HA	8	1.98
(33,971)	1:141:A:LYS:HB3	1:149:A:ALA:HA	8	1.98
(32,1695)	1:31:A:PRO:HB2	1:35:A:LEU:HA	13	1.98
(32,1695)	1:31:A:PRO:HB3	1:35:A:LEU:HA	13	1.98
(32,1312)	1:17:A:ASN:HA	1:76:A:ARG:HA	1	1.98
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD11	11	1.98
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD12	11	1.98
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD13	11	1.98
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD11	11	1.98
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD12	11	1.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD13	11	1.98
(30,2058)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	15	1.98
(30,2058)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	15	1.98
(30,2058)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	15	1.98
(30,2058)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	15	1.98
(30,2058)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	15	1.98
(30,2058)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	15	1.98
(30,1658)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	6	1.98
(30,1658)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	6	1.98
(30,1658)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	6	1.98
(30,1658)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	6	1.98
(30,1658)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	6	1.98
(30,1658)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	6	1.98
(30,1658)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	6	1.98
(30,1658)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	6	1.98
(30,1658)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	6	1.98
(30,1153)	1:13:A:ALA:HB1	1:80:A:TYR:HA	9	1.98
(30,1153)	1:13:A:ALA:HB2	1:80:A:TYR:HA	9	1.98
(30,1153)	1:13:A:ALA:HB3	1:80:A:TYR:HA	9	1.98
(30,1096)	1:31:A:PRO:HG2	1:143:A:TRP:HA	9	1.98
(30,1096)	1:31:A:PRO:HG3	1:143:A:TRP:HA	9	1.98
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD11	17	1.98
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD12	17	1.98
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD13	17	1.98
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD21	17	1.98
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD22	17	1.98
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD23	17	1.98
(29,1993)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	6	1.98
(29,1993)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	6	1.98
(29,1993)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	6	1.98
(29,1993)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	6	1.98
(29,1993)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	6	1.98
(29,1993)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	6	1.98
(29,1392)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	4	1.98
(29,1392)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	4	1.98
(29,1392)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	4	1.98
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD11	7	1.98
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD12	7	1.98
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD13	7	1.98
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD21	7	1.98
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD22	7	1.98
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD23	7	1.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1972)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	6	1.98
(18,1972)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	6	1.98
(18,1972)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	6	1.98
(18,1972)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	6	1.98
(18,1972)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	6	1.98
(18,1972)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	6	1.98
(18,514)	1:101:A:ILE:HG13	1:105:A:LYS:H	8	1.98
(17,2073)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	2	1.98
(17,2073)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	2	1.98
(17,2073)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	2	1.98
(17,2073)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	2	1.98
(17,107)	1:69:A:MET:H	1:70:A:LYS:HG2	8	1.98
(17,107)	1:69:A:MET:H	1:70:A:LYS:HG2	14	1.98
(16,2339)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	10	1.98
(16,2339)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	10	1.98
(16,107)	1:69:A:MET:H	1:70:A:LYS:HG2	8	1.98
(16,107)	1:69:A:MET:H	1:70:A:LYS:HG2	14	1.98
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	19	1.98
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	19	1.98
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	19	1.98
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	19	1.98
(15,1343)	1:17:A:ASN:HA	1:76:A:ARG:HA	1	1.98
(15,1153)	1:13:A:ALA:HB1	1:80:A:TYR:HA	9	1.98
(15,1153)	1:13:A:ALA:HB2	1:80:A:TYR:HA	9	1.98
(15,1153)	1:13:A:ALA:HB3	1:80:A:TYR:HA	9	1.98
(13,1933)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	6	1.98
(13,1933)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	6	1.98
(13,1933)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	6	1.98
(13,1933)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	6	1.98
(13,1933)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	6	1.98
(13,1933)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	6	1.98
(13,1315)	1:105:A:LYS:HG2	1:106:A:ASP:HA	4	1.98
(13,1131)	1:13:A:ALA:HB1	1:80:A:TYR:HA	9	1.98
(13,1131)	1:13:A:ALA:HB2	1:80:A:TYR:HA	9	1.98
(13,1131)	1:13:A:ALA:HB3	1:80:A:TYR:HA	9	1.98
(11,2254)	1:69:A:MET:HG2	1:70:A:LYS:HE2	13	1.98
(11,2254)	1:69:A:MET:HG2	1:70:A:LYS:HE3	13	1.98
(11,2254)	1:69:A:MET:HG3	1:70:A:LYS:HE2	13	1.98
(11,2254)	1:69:A:MET:HG3	1:70:A:LYS:HE3	13	1.98
(11,1994)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	6	1.98
(11,1994)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	6	1.98
(11,1994)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	6	1.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1994)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	6	1.98
(11,1994)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	6	1.98
(11,1994)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	6	1.98
(11,1363)	1:105:A:LYS:HG2	1:106:A:ASP:HA	4	1.98
(11,927)	1:108:A:GLU:HG3	1:112:A:GLN:H	1	1.98
(9,1451)	1:13:A:ALA:HB1	1:78:A:HIS:HA	4	1.98
(9,1451)	1:13:A:ALA:HB2	1:78:A:HIS:HA	4	1.98
(9,1451)	1:13:A:ALA:HB3	1:78:A:HIS:HA	4	1.98
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD11	7	1.98
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD12	7	1.98
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD13	7	1.98
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD21	7	1.98
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD22	7	1.98
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD23	7	1.98
(7,1209)	1:79:A:THR:HG21	1:81:A:GLU:HA	4	1.98
(7,1209)	1:79:A:THR:HG22	1:81:A:GLU:HA	4	1.98
(7,1209)	1:79:A:THR:HG23	1:81:A:GLU:HA	4	1.98
(7,785)	1:11:A:ILE:HD11	1:14:A:VAL:HB	3	1.98
(7,785)	1:11:A:ILE:HD12	1:14:A:VAL:HB	3	1.98
(7,785)	1:11:A:ILE:HD13	1:14:A:VAL:HB	3	1.98
(5,1361)	1:105:A:LYS:HG2	1:106:A:ASP:HA	4	1.98
(5,367)	1:41:A:LYS:H	1:44:A:GLU:HG3	4	1.98
(4,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD11	18	1.98
(4,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD12	18	1.98
(4,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD13	18	1.98
(4,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD21	18	1.98
(4,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD22	18	1.98
(4,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD23	18	1.98
(4,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD11	18	1.98
(4,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD12	18	1.98
(4,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD13	18	1.98
(4,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD21	18	1.98
(4,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD22	18	1.98
(4,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD23	18	1.98
(4,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD11	18	1.98
(4,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD12	18	1.98
(4,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD13	18	1.98
(4,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD21	18	1.98
(4,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD22	18	1.98
(4,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD23	18	1.98
(4,1960)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	6	1.98
(4,1960)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	6	1.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1960)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	6	1.98
(4,1960)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	6	1.98
(4,1960)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	6	1.98
(4,1960)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	6	1.98
(4,1822)	1:13:A:ALA:HA	1:80:A:TYR:HE1	6	1.98
(4,1822)	1:13:A:ALA:HA	1:80:A:TYR:HE2	6	1.98
(3,1997)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	6	1.98
(3,1997)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	6	1.98
(3,1997)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	6	1.98
(3,1997)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	6	1.98
(3,1997)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	6	1.98
(3,1997)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	6	1.98
(2,2076)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	2	1.98
(2,2076)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	2	1.98
(2,2076)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	2	1.98
(2,2076)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	2	1.98
(2,1145)	1:13:A:ALA:HB1	1:80:A:TYR:HA	9	1.98
(2,1145)	1:13:A:ALA:HB2	1:80:A:TYR:HA	9	1.98
(2,1145)	1:13:A:ALA:HB3	1:80:A:TYR:HA	9	1.98
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG11	4	1.98
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG12	4	1.98
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG13	4	1.98
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG21	4	1.98
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG22	4	1.98
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG23	4	1.98
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG11	4	1.98
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG12	4	1.98
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG13	4	1.98
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG21	4	1.98
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG22	4	1.98
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG23	4	1.98
(1,1482)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	9	1.98
(1,1482)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	9	1.98
(1,1482)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	9	1.98
(1,1292)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	17	1.98
(1,1292)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	17	1.98
(1,1292)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	17	1.98
(1,919)	1:21:A:THR:HB	1:24:A:ASP:H	4	1.98
(34,2162)	1:46:A:ASN:HD21	1:137:A:SER:HA	12	1.97
(34,2162)	1:46:A:ASN:HD22	1:137:A:SER:HA	12	1.97
(34,913)	1:67:A:PRO:HD3	1:95:A:ILE:HB	9	1.97
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD21	10	1.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD22	10	1.97
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD23	10	1.97
(33,1637)	1:134:A:VAL:HG11	1:137:A:SER:H	17	1.97
(33,1637)	1:134:A:VAL:HG12	1:137:A:SER:H	17	1.97
(33,1637)	1:134:A:VAL:HG13	1:137:A:SER:H	17	1.97
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB1	5	1.97
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB2	5	1.97
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB3	5	1.97
(32,2485)	1:144:A:LEU:HB3	1:146:A:GLN:HG2	2	1.97
(32,2485)	1:144:A:LEU:HB3	1:146:A:GLN:HG3	2	1.97
(32,1813)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	14	1.97
(32,1813)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	14	1.97
(32,1813)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	14	1.97
(32,1813)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	14	1.97
(32,823)	1:43:A:MET:HE1	1:131:A:LEU:HB3	4	1.97
(32,823)	1:43:A:MET:HE2	1:131:A:LEU:HB3	4	1.97
(32,823)	1:43:A:MET:HE3	1:131:A:LEU:HB3	4	1.97
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE1	19	1.97
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE2	19	1.97
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD21	9	1.97
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD22	9	1.97
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD23	9	1.97
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD21	9	1.97
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD22	9	1.97
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD23	9	1.97
(30,888)	1:67:A:PRO:HD3	1:95:A:ILE:HB	9	1.97
(19,20)	1:56:A:CYS:SG	1:52:A:CYS:CB	4	1.97
(18,1886)	1:18:A:PHE:HE1	1:128:A:LEU:HG	6	1.97
(18,1886)	1:18:A:PHE:HE2	1:128:A:LEU:HG	6	1.97
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	4	1.97
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	4	1.97
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	4	1.97
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	4	1.97
(17,1657)	1:18:A:PHE:HZ	1:60:A:LEU:HA	12	1.97
(17,1129)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	17	1.97
(17,1129)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	17	1.97
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD11	2	1.97
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD12	2	1.97
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD13	2	1.97
(16,2143)	1:41:A:LYS:H	1:44:A:GLU:HG2	11	1.97
(16,2143)	1:41:A:LYS:H	1:44:A:GLU:HG3	11	1.97
(16,978)	1:11:A:ILE:HG12	1:43:A:MET:HB2	1	1.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,978)	1:11:A:ILE:HG12	1:43:A:MET:HB2	2	1.97
(15,2106)	1:41:A:LYS:H	1:44:A:GLU:HG2	11	1.97
(15,2106)	1:41:A:LYS:H	1:44:A:GLU:HG3	11	1.97
(15,1634)	1:18:A:PHE:HZ	1:60:A:LEU:HA	12	1.97
(13,2119)	1:46:A:ASN:HD21	1:137:A:SER:HA	12	1.97
(13,2119)	1:46:A:ASN:HD22	1:137:A:SER:HA	12	1.97
(13,1853)	1:18:A:PHE:HE1	1:128:A:LEU:HG	6	1.97
(13,1853)	1:18:A:PHE:HE2	1:128:A:LEU:HG	6	1.97
(9,962)	1:11:A:ILE:HG12	1:43:A:MET:HB2	1	1.97
(9,962)	1:11:A:ILE:HG12	1:43:A:MET:HB2	2	1.97
(7,2029)	1:34:A:LYS:H	1:81:A:GLU:HB2	6	1.97
(7,2029)	1:34:A:LYS:H	1:81:A:GLU:HB3	6	1.97
(7,1831)	1:18:A:PHE:HD1	1:113:A:PHE:HE1	13	1.97
(7,1831)	1:18:A:PHE:HD1	1:113:A:PHE:HE2	13	1.97
(7,1831)	1:18:A:PHE:HD2	1:113:A:PHE:HE1	13	1.97
(7,1831)	1:18:A:PHE:HD2	1:113:A:PHE:HE2	13	1.97
(7,1611)	1:27:A:ARG:HA	1:30:A:LEU:H	19	1.97
(7,1209)	1:79:A:THR:HG21	1:81:A:GLU:HA	3	1.97
(7,1209)	1:79:A:THR:HG22	1:81:A:GLU:HA	3	1.97
(7,1209)	1:79:A:THR:HG23	1:81:A:GLU:HA	3	1.97
(7,995)	1:79:A:THR:HG21	1:81:A:GLU:HB2	5	1.97
(7,995)	1:79:A:THR:HG22	1:81:A:GLU:HB2	5	1.97
(7,995)	1:79:A:THR:HG23	1:81:A:GLU:HB2	5	1.97
(6,1651)	1:134:A:VAL:HG11	1:137:A:SER:H	17	1.97
(6,1651)	1:134:A:VAL:HG12	1:137:A:SER:H	17	1.97
(6,1651)	1:134:A:VAL:HG13	1:137:A:SER:H	17	1.97
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	19	1.97
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	19	1.97
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	19	1.97
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	19	1.97
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	19	1.97
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	19	1.97
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	19	1.97
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	19	1.97
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	19	1.97
(6,979)	1:31:A:PRO:HB2	1:144:A:LEU:HB3	2	1.97
(6,979)	1:31:A:PRO:HB3	1:144:A:LEU:HB3	2	1.97
(6,836)	1:43:A:MET:HE1	1:131:A:LEU:HB3	4	1.97
(6,836)	1:43:A:MET:HE2	1:131:A:LEU:HB3	4	1.97
(6,836)	1:43:A:MET:HE3	1:131:A:LEU:HB3	4	1.97
(4,1615)	1:18:A:PHE:HZ	1:60:A:LEU:HA	12	1.97
(4,841)	1:43:A:MET:HE1	1:131:A:LEU:HB3	4	1.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,841)	1:43:A:MET:HE2	1:131:A:LEU:HB3	4	1.97
(4,841)	1:43:A:MET:HE3	1:131:A:LEU:HB3	4	1.97
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	5	1.97
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	5	1.97
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	5	1.97
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	5	1.97
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	5	1.97
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	5	1.97
(2,1110)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	17	1.97
(2,1110)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	17	1.97
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	12	1.97
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	12	1.97
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	12	1.97
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	12	1.97
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	12	1.97
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	12	1.97
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	16	1.97
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	16	1.97
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	16	1.97
(34,1972)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	6	1.96
(34,1972)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	6	1.96
(34,1972)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	6	1.96
(34,1972)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	6	1.96
(34,1972)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	6	1.96
(34,1972)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	6	1.96
(34,1972)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	6	1.96
(34,1972)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	6	1.96
(34,1972)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	6	1.96
(34,1972)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	6	1.96
(34,1972)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	6	1.96
(34,1972)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	6	1.96
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE1	4	1.96
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE2	4	1.96
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE3	4	1.96
(33,1616)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	14	1.96
(33,1616)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	14	1.96
(33,718)	1:44:A:GLU:HB2	1:54:A:ARG:HE	14	1.96
(33,718)	1:44:A:GLU:HB3	1:54:A:ARG:HE	14	1.96
(30,989)	1:35:A:LEU:HG	1:143:A:TRP:HB3	16	1.96
(29,1676)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	15	1.96
(29,1676)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	15	1.96
(29,1676)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	15	1.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1676)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	15	1.96
(29,1676)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	15	1.96
(29,1676)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	15	1.96
(29,1676)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	15	1.96
(29,1676)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	15	1.96
(29,1676)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	15	1.96
(29,1447)	1:31:A:PRO:HD3	1:144:A:LEU:HA	4	1.96
(29,977)	1:141:A:LYS:HB2	1:149:A:ALA:HA	17	1.96
(29,977)	1:141:A:LYS:HB3	1:149:A:ALA:HA	17	1.96
(19,20)	1:56:A:CYS:SG	1:52:A:CYS:CB	13	1.96
(18,1898)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	16	1.96
(18,1898)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	16	1.96
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD11	16	1.96
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD12	16	1.96
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD13	16	1.96
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD21	16	1.96
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD22	16	1.96
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD23	16	1.96
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD11	16	1.96
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD12	16	1.96
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD13	16	1.96
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD21	16	1.96
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD22	16	1.96
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD23	16	1.96
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD11	16	1.96
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD12	16	1.96
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD13	16	1.96
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD21	16	1.96
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD22	16	1.96
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD23	16	1.96
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD11	16	1.96
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD12	16	1.96
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD13	16	1.96
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD11	16	1.96
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD12	16	1.96
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD13	16	1.96
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD11	16	1.96
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD12	16	1.96
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD13	16	1.96
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	10	1.96
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	10	1.96
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	10	1.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1401)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	11	1.96
(17,1401)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	11	1.96
(17,1401)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	11	1.96
(17,1188)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	3	1.96
(17,1188)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	3	1.96
(17,1188)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	3	1.96
(17,1045)	1:11:A:ILE:HB	1:44:A:GLU:HB2	10	1.96
(17,1045)	1:11:A:ILE:HB	1:44:A:GLU:HB3	10	1.96
(16,1962)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	6	1.96
(16,1962)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	6	1.96
(16,1962)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	6	1.96
(16,1962)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	6	1.96
(16,1962)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	6	1.96
(16,1962)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	6	1.96
(16,1962)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	6	1.96
(16,1962)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	6	1.96
(16,1962)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	6	1.96
(16,1962)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	6	1.96
(16,1962)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	6	1.96
(16,1962)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	6	1.96
(16,1613)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	14	1.96
(16,1613)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	14	1.96
(16,1443)	1:31:A:PRO:HD3	1:144:A:LEU:HA	4	1.96
(16,1121)	1:146:A:GLN:HA	1:147:A:ARG:HG2	16	1.96
(16,1121)	1:146:A:GLN:HA	1:147:A:ARG:HG3	16	1.96
(16,981)	1:43:A:MET:HB3	1:134:A:VAL:HG11	7	1.96
(16,981)	1:43:A:MET:HB3	1:134:A:VAL:HG12	7	1.96
(16,981)	1:43:A:MET:HB3	1:134:A:VAL:HG13	7	1.96
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD2	9	1.96
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD3	9	1.96
(13,1932)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	6	1.96
(13,1932)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	6	1.96
(13,1932)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	6	1.96
(13,1932)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	6	1.96
(13,1932)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	6	1.96
(13,1932)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	6	1.96
(13,1932)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	6	1.96
(13,1932)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	6	1.96
(13,1932)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	6	1.96
(13,1932)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	6	1.96
(13,1932)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	6	1.96
(13,1932)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	6	1.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1846)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	9	1.96
(13,1846)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	9	1.96
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE1	12	1.96
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE2	12	1.96
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE3	12	1.96
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE1	12	1.96
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE2	12	1.96
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE3	12	1.96
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	15	1.96
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	15	1.96
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	15	1.96
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	15	1.96
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	15	1.96
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	15	1.96
(13,1022)	1:11:A:ILE:HB	1:44:A:GLU:HB2	10	1.96
(13,1022)	1:11:A:ILE:HB	1:44:A:GLU:HB3	10	1.96
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD11	16	1.96
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD12	16	1.96
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD13	16	1.96
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD11	16	1.96
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD12	16	1.96
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD13	16	1.96
(13,781)	1:11:A:ILE:HD11	1:14:A:VAL:HB	3	1.96
(13,781)	1:11:A:ILE:HD12	1:14:A:VAL:HB	3	1.96
(13,781)	1:11:A:ILE:HD13	1:14:A:VAL:HB	3	1.96
(13,698)	1:44:A:GLU:HB2	1:48:A:ARG:HE	5	1.96
(13,698)	1:44:A:GLU:HB3	1:48:A:ARG:HE	5	1.96
(11,1993)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	6	1.96
(11,1993)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	6	1.96
(11,1993)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	6	1.96
(11,1993)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	6	1.96
(11,1993)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	6	1.96
(11,1993)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	6	1.96
(11,1993)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	6	1.96
(11,1993)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	6	1.96
(11,1993)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	6	1.96
(11,1993)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	6	1.96
(11,1993)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	6	1.96
(11,1993)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	6	1.96
(11,1657)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	14	1.96
(11,1657)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	14	1.96
(11,1460)	1:31:A:PRO:HD3	1:144:A:LEU:HA	4	1.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,686)	1:145:A:PRO:HB3	1:148:A:CYS:H	15	1.96
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	12	1.96
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	12	1.96
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	12	1.96
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	12	1.96
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	12	1.96
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	12	1.96
(9,1941)	1:10:A:ASN:HD21	1:81:A:GLU:H	4	1.96
(9,1941)	1:10:A:ASN:HD22	1:81:A:GLU:H	4	1.96
(9,1180)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	3	1.96
(9,1180)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	3	1.96
(9,1180)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	3	1.96
(9,923)	1:108:A:GLU:HG3	1:112:A:GLN:H	5	1.96
(9,914)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	6	1.96
(7,934)	1:11:A:ILE:HD11	1:12:A:VAL:HA	15	1.96
(7,934)	1:11:A:ILE:HD12	1:12:A:VAL:HA	15	1.96
(7,934)	1:11:A:ILE:HD13	1:12:A:VAL:HA	15	1.96
(6,1981)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	6	1.96
(6,1981)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	6	1.96
(6,1981)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	6	1.96
(6,1981)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	6	1.96
(6,1981)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	6	1.96
(6,1981)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	6	1.96
(6,1981)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	6	1.96
(6,1981)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	6	1.96
(6,1981)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	6	1.96
(6,1981)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	6	1.96
(6,1981)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	6	1.96
(6,1981)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	6	1.96
(6,1915)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	16	1.96
(6,1915)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	16	1.96
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD2	9	1.96
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD3	9	1.96
(6,914)	1:108:A:GLU:HG3	1:112:A:GLN:H	5	1.96
(5,1928)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	16	1.96
(5,1928)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	16	1.96
(5,1459)	1:31:A:PRO:HD3	1:144:A:LEU:HA	4	1.96
(5,1206)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	19	1.96
(5,1206)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	19	1.96
(5,1206)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	19	1.96
(5,1123)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	3	1.96
(5,1123)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	3	1.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1123)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	3	1.96
(5,1123)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	3	1.96
(5,1123)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	3	1.96
(5,1123)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	3	1.96
(5,1033)	1:11:A:ILE:HG13	1:44:A:GLU:HG3	15	1.96
(5,1031)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	6	1.96
(5,794)	1:11:A:ILE:HD11	1:14:A:VAL:HB	3	1.96
(5,794)	1:11:A:ILE:HD12	1:14:A:VAL:HB	3	1.96
(5,794)	1:11:A:ILE:HD13	1:14:A:VAL:HB	3	1.96
(4,940)	1:11:A:ILE:HD11	1:12:A:VAL:HA	14	1.96
(4,940)	1:11:A:ILE:HD12	1:12:A:VAL:HA	14	1.96
(4,940)	1:11:A:ILE:HD13	1:12:A:VAL:HA	14	1.96
(3,1656)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	14	1.96
(3,1656)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	14	1.96
(3,1580)	1:40:A:LEU:HD11	1:43:A:MET:H	15	1.96
(3,1580)	1:40:A:LEU:HD12	1:43:A:MET:H	15	1.96
(3,1580)	1:40:A:LEU:HD13	1:43:A:MET:H	15	1.96
(3,1463)	1:31:A:PRO:HD3	1:144:A:LEU:HA	4	1.96
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB1	19	1.96
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB2	19	1.96
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB3	19	1.96
(3,917)	1:21:A:THR:HB	1:24:A:ASP:H	17	1.96
(3,728)	1:44:A:GLU:HB2	1:54:A:ARG:HE	14	1.96
(3,728)	1:44:A:GLU:HB3	1:54:A:ARG:HE	14	1.96
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG11	4	1.96
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG12	4	1.96
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG13	4	1.96
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG21	4	1.96
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG22	4	1.96
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG23	4	1.96
(2,1095)	1:31:A:PRO:HG2	1:143:A:TRP:HA	9	1.96
(2,1095)	1:31:A:PRO:HG3	1:143:A:TRP:HA	9	1.96
(2,714)	1:44:A:GLU:HB2	1:54:A:ARG:HE	14	1.96
(2,714)	1:44:A:GLU:HB3	1:54:A:ARG:HE	14	1.96
(2,685)	1:145:A:PRO:HB3	1:148:A:CYS:H	15	1.96
(1,1636)	1:10:A:ASN:HB3	1:14:A:VAL:HB	3	1.96
(1,1521)	1:43:A:MET:HE1	1:46:A:ASN:HB2	18	1.96
(1,1521)	1:43:A:MET:HE2	1:46:A:ASN:HB2	18	1.96
(1,1521)	1:43:A:MET:HE3	1:46:A:ASN:HB2	18	1.96
(1,1282)	1:44:A:GLU:HG3	1:45:A:ALA:HA	10	1.96
(1,968)	1:11:A:ILE:HD11	1:12:A:VAL:HA	15	1.96
(1,968)	1:11:A:ILE:HD12	1:12:A:VAL:HA	15	1.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,968)	1:11:A:ILE:HD13	1:12:A:VAL:HA	15	1.96
(1,727)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	17	1.96
(1,727)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	17	1.96
(1,727)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	17	1.96
(34,1978)	1:12:A:VAL:HG11	1:79:A:THR:HB	15	1.95
(34,1978)	1:12:A:VAL:HG12	1:79:A:THR:HB	15	1.95
(34,1978)	1:12:A:VAL:HG13	1:79:A:THR:HB	15	1.95
(34,1978)	1:12:A:VAL:HG21	1:79:A:THR:HB	15	1.95
(34,1978)	1:12:A:VAL:HG22	1:79:A:THR:HB	15	1.95
(34,1978)	1:12:A:VAL:HG23	1:79:A:THR:HB	15	1.95
(34,1633)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	17	1.95
(34,1633)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	17	1.95
(34,1633)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	17	1.95
(34,1633)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	17	1.95
(34,1633)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	17	1.95
(34,1633)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	17	1.95
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	11	1.95
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	11	1.95
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	11	1.95
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	11	1.95
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE1	6	1.95
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE2	6	1.95
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE1	6	1.95
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE2	6	1.95
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	1	1.95
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	1	1.95
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	1	1.95
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	1	1.95
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	1	1.95
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	1	1.95
(29,660)	1:96:A:VAL:HA	1:116:A:GLN:HE22	14	1.95
(19,17)	1:56:A:CYS:SG	1:120:A:CYS:CB	12	1.95
(18,731)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	17	1.95
(18,731)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	17	1.95
(18,731)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	17	1.95
(18,667)	1:96:A:VAL:HA	1:116:A:GLN:HE22	14	1.95
(18,514)	1:101:A:ILE:HG13	1:105:A:LYS:H	18	1.95
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	1	1.95
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	1	1.95
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	1	1.95
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	1	1.95
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	1	1.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	1	1.95
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	17	1.95
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	17	1.95
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	17	1.95
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	17	1.95
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	17	1.95
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	17	1.95
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	17	1.95
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	17	1.95
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	17	1.95
(17,714)	1:44:A:GLU:HB2	1:48:A:ARG:HE	5	1.95
(17,714)	1:44:A:GLU:HB3	1:48:A:ARG:HE	5	1.95
(16,1758)	1:95:A:ILE:HG21	1:97:A:ASP:HA	4	1.95
(16,1758)	1:95:A:ILE:HG22	1:97:A:ASP:HA	4	1.95
(16,1758)	1:95:A:ILE:HG23	1:97:A:ASP:HA	4	1.95
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	9	1.95
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	9	1.95
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	9	1.95
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	9	1.95
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	9	1.95
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	9	1.95
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	9	1.95
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	9	1.95
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	9	1.95
(16,1018)	1:95:A:ILE:HG21	1:105:A:LYS:HB2	5	1.95
(16,1018)	1:95:A:ILE:HG21	1:105:A:LYS:HB3	5	1.95
(16,1018)	1:95:A:ILE:HG22	1:105:A:LYS:HB2	5	1.95
(16,1018)	1:95:A:ILE:HG22	1:105:A:LYS:HB3	5	1.95
(16,1018)	1:95:A:ILE:HG23	1:105:A:LYS:HB2	5	1.95
(16,1018)	1:95:A:ILE:HG23	1:105:A:LYS:HB3	5	1.95
(16,720)	1:44:A:GLU:HB2	1:48:A:ARG:HE	9	1.95
(16,720)	1:44:A:GLU:HB3	1:48:A:ARG:HE	9	1.95
(15,2279)	1:96:A:VAL:HG11	1:116:A:GLN:HG2	17	1.95
(15,2279)	1:96:A:VAL:HG12	1:116:A:GLN:HG2	17	1.95
(15,2279)	1:96:A:VAL:HG13	1:116:A:GLN:HG2	17	1.95
(15,2279)	1:96:A:VAL:HG21	1:116:A:GLN:HG2	17	1.95
(15,2279)	1:96:A:VAL:HG22	1:116:A:GLN:HG2	17	1.95
(15,2279)	1:96:A:VAL:HG23	1:116:A:GLN:HG2	17	1.95
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	1	1.95
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	1	1.95
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	1	1.95
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	1	1.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	1	1.95
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	1	1.95
(15,714)	1:44:A:GLU:HB2	1:48:A:ARG:HE	9	1.95
(15,714)	1:44:A:GLU:HB3	1:48:A:ARG:HE	9	1.95
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	1	1.95
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	1	1.95
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	1	1.95
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	1	1.95
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	1	1.95
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	1	1.95
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	1	1.95
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	1	1.95
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	1	1.95
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	1	1.95
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	1	1.95
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	1	1.95
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	1	1.95
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	1	1.95
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	1	1.95
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	1	1.95
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	1	1.95
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	1	1.95
(11,927)	1:108:A:GLU:HG3	1:112:A:GLN:H	6	1.95
(9,2428)	1:144:A:LEU:HB2	1:148:A:CYS:H	13	1.95
(9,2428)	1:144:A:LEU:HB3	1:148:A:CYS:H	13	1.95
(9,1441)	1:145:A:PRO:HD2	1:147:A:ARG:H	15	1.95
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	1	1.95
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	1	1.95
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	1	1.95
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	1	1.95
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	1	1.95
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	1	1.95
(7,1209)	1:79:A:THR:HG21	1:81:A:GLU:HA	2	1.95
(7,1209)	1:79:A:THR:HG22	1:81:A:GLU:HA	2	1.95
(7,1209)	1:79:A:THR:HG23	1:81:A:GLU:HA	2	1.95
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD11	19	1.95
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD12	19	1.95
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD13	19	1.95
(6,2029)	1:17:A:ASN:HD21	1:79:A:THR:H	17	1.95
(6,2029)	1:17:A:ASN:HD22	1:79:A:THR:H	17	1.95
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	1	1.95
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	1	1.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	1	1.95
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	1	1.95
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	1	1.95
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	1	1.95
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD11	3	1.95
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD12	3	1.95
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD13	3	1.95
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD21	3	1.95
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD22	3	1.95
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD23	3	1.95
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	9	1.95
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	9	1.95
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	9	1.95
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	9	1.95
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	9	1.95
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	9	1.95
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	9	1.95
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	9	1.95
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	9	1.95
(5,1465)	1:145:A:PRO:HD2	1:147:A:ARG:H	15	1.95
(5,896)	1:21:A:THR:HB	1:24:A:ASP:H	4	1.95
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	1	1.95
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	1	1.95
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	1	1.95
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	1	1.95
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	1	1.95
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	1	1.95
(4,213)	1:44:A:GLU:HG2	1:48:A:ARG:H	16	1.95
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG11	13	1.95
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG12	13	1.95
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG13	13	1.95
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG21	13	1.95
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG22	13	1.95
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG23	13	1.95
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	1	1.95
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	1	1.95
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	1	1.95
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	1	1.95
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	1	1.95
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	1	1.95
(3,1407)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	1	1.95
(3,1407)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	1	1.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1407)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	1	1.95
(3,662)	1:100:A:ALA:H	1:119:A:LEU:HG	5	1.95
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	4	1.95
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	4	1.95
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	4	1.95
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	4	1.95
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	4	1.95
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	4	1.95
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	4	1.95
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	4	1.95
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	4	1.95
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	4	1.95
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	4	1.95
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	4	1.95
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	4	1.95
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	4	1.95
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	4	1.95
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	4	1.95
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	4	1.95
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	4	1.95
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB2	2	1.95
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB3	2	1.95
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB2	2	1.95
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB3	2	1.95
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD21	19	1.95
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD22	19	1.95
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD23	19	1.95
(1,2187)	1:60:A:LEU:HG	1:131:A:LEU:HD11	12	1.95
(1,2187)	1:60:A:LEU:HG	1:131:A:LEU:HD12	12	1.95
(1,2187)	1:60:A:LEU:HG	1:131:A:LEU:HD13	12	1.95
(1,2187)	1:60:A:LEU:HG	1:131:A:LEU:HD21	12	1.95
(1,2187)	1:60:A:LEU:HG	1:131:A:LEU:HD22	12	1.95
(1,2187)	1:60:A:LEU:HG	1:131:A:LEU:HD23	12	1.95
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	17	1.95
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	17	1.95
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	17	1.95
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	17	1.95
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	17	1.95
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	17	1.95
(1,662)	1:96:A:VAL:HA	1:116:A:GLN:HE22	14	1.95
(34,2141)	1:40:A:LEU:HD11	1:44:A:GLU:HG2	11	1.94
(34,2141)	1:40:A:LEU:HD12	1:44:A:GLU:HG2	11	1.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2141)	1:40:A:LEU:HD13	1:44:A:GLU:HG2	11	1.94
(34,2141)	1:40:A:LEU:HD21	1:44:A:GLU:HG2	11	1.94
(34,2141)	1:40:A:LEU:HD22	1:44:A:GLU:HG2	11	1.94
(34,2141)	1:40:A:LEU:HD23	1:44:A:GLU:HG2	11	1.94
(34,2069)	1:34:A:LYS:H	1:81:A:GLU:HB2	6	1.94
(34,2069)	1:34:A:LYS:H	1:81:A:GLU:HB3	6	1.94
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	14	1.94
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	14	1.94
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	14	1.94
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	14	1.94
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	14	1.94
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	14	1.94
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	14	1.94
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	14	1.94
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	14	1.94
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	14	1.94
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	14	1.94
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	14	1.94
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	10	1.94
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	10	1.94
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	10	1.94
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	10	1.94
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	10	1.94
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	10	1.94
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	10	1.94
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	10	1.94
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	10	1.94
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	10	1.94
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	10	1.94
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	10	1.94
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD11	1	1.94
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD12	1	1.94
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD13	1	1.94
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	13	1.94
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	13	1.94
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	13	1.94
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	13	1.94
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	13	1.94
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	13	1.94
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	13	1.94
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	13	1.94
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	13	1.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	13	1.94
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	13	1.94
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	13	1.94
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	13	1.94
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	13	1.94
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	13	1.94
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	13	1.94
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	13	1.94
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	13	1.94
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD11	5	1.94
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD12	5	1.94
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD13	5	1.94
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD21	5	1.94
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD22	5	1.94
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD23	5	1.94
(33,1616)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	5	1.94
(33,1616)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	5	1.94
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	19	1.94
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	19	1.94
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	19	1.94
(32,1084)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	4	1.94
(32,1084)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	4	1.94
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE1	10	1.94
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE2	10	1.94
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD21	14	1.94
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD22	14	1.94
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD23	14	1.94
(30,1651)	1:131:A:LEU:H	1:134:A:VAL:HG11	9	1.94
(30,1651)	1:131:A:LEU:H	1:134:A:VAL:HG12	9	1.94
(30,1651)	1:131:A:LEU:H	1:134:A:VAL:HG13	9	1.94
(19,15)	1:52:A:CYS:SG	1:127:A:CYS:CB	6	1.94
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	12	1.94
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	12	1.94
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	12	1.94
(17,1772)	1:39:A:VAL:HB	1:139:A:LEU:HA	2	1.94
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	12	1.94
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	12	1.94
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	12	1.94
(17,1218)	1:41:A:LYS:HG3	1:44:A:GLU:HG2	10	1.94
(16,1613)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	5	1.94
(16,1613)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	5	1.94
(16,1533)	1:69:A:MET:HE1	1:76:A:ARG:HB2	19	1.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1533)	1:69:A:MET:HE2	1:76:A:ARG:HB2	19	1.94
(16,1533)	1:69:A:MET:HE3	1:76:A:ARG:HB2	19	1.94
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD11	15	1.94
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD12	15	1.94
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD13	15	1.94
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD11	15	1.94
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD12	15	1.94
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD13	15	1.94
(15,2496)	1:144:A:LEU:HD11	1:148:A:CYS:H	6	1.94
(15,2496)	1:144:A:LEU:HD12	1:148:A:CYS:H	6	1.94
(15,2496)	1:144:A:LEU:HD13	1:148:A:CYS:H	6	1.94
(15,2496)	1:144:A:LEU:HD21	1:148:A:CYS:H	6	1.94
(15,2496)	1:144:A:LEU:HD22	1:148:A:CYS:H	6	1.94
(15,2496)	1:144:A:LEU:HD23	1:148:A:CYS:H	6	1.94
(15,575)	1:63:A:ILE:HG21	1:116:A:GLN:H	17	1.94
(15,575)	1:63:A:ILE:HG22	1:116:A:GLN:H	17	1.94
(15,575)	1:63:A:ILE:HG23	1:116:A:GLN:H	17	1.94
(13,2021)	1:34:A:LYS:H	1:81:A:GLU:HB2	6	1.94
(13,2021)	1:34:A:LYS:H	1:81:A:GLU:HB3	6	1.94
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	12	1.94
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	12	1.94
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	12	1.94
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	12	1.94
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	12	1.94
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	12	1.94
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	12	1.94
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	12	1.94
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	12	1.94
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	12	1.94
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	12	1.94
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	12	1.94
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	17	1.94
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	17	1.94
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	17	1.94
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	17	1.94
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	17	1.94
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	17	1.94
(13,928)	1:11:A:ILE:HD11	1:12:A:VAL:HA	15	1.94
(13,928)	1:11:A:ILE:HD12	1:12:A:VAL:HA	15	1.94
(13,928)	1:11:A:ILE:HD13	1:12:A:VAL:HA	15	1.94
(13,85)	1:30:A:LEU:H	1:144:A:LEU:HA	9	1.94
(11,1682)	1:134:A:VAL:HG11	1:137:A:SER:H	3	1.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1682)	1:134:A:VAL:HG12	1:137:A:SER:H	3	1.94
(11,1682)	1:134:A:VAL:HG13	1:137:A:SER:H	3	1.94
(11,1657)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	5	1.94
(11,1657)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	5	1.94
(9,1441)	1:145:A:PRO:HD2	1:147:A:ARG:H	9	1.94
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	19	1.94
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	19	1.94
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	19	1.94
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD11	10	1.94
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD12	10	1.94
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD13	10	1.94
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD21	10	1.94
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD22	10	1.94
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD23	10	1.94
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG11	19	1.94
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG12	19	1.94
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG13	19	1.94
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG21	19	1.94
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG22	19	1.94
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG23	19	1.94
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE1	5	1.94
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE2	5	1.94
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE3	5	1.94
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE1	5	1.94
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE2	5	1.94
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE3	5	1.94
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	12	1.94
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	12	1.94
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	12	1.94
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	19	1.94
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	19	1.94
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	19	1.94
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	12	1.94
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	12	1.94
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	12	1.94
(5,1465)	1:145:A:PRO:HD2	1:147:A:ARG:H	9	1.94
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD11	9	1.94
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD12	9	1.94
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD13	9	1.94
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD11	17	1.94
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD12	17	1.94
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD13	17	1.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD21	17	1.94
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD22	17	1.94
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD23	17	1.94
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	12	1.94
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	12	1.94
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	12	1.94
(3,1656)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	5	1.94
(3,1656)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	5	1.94
(3,1643)	1:22:A:ASP:H	1:24:A:ASP:HA	14	1.94
(3,917)	1:21:A:THR:HB	1:24:A:ASP:H	14	1.94
(3,852)	1:48:A:ARG:HD2	1:49:A:LYS:HA	12	1.94
(3,852)	1:48:A:ARG:HD3	1:49:A:LYS:HA	12	1.94
(2,2081)	1:34:A:LYS:H	1:81:A:GLU:HB2	6	1.94
(2,2081)	1:34:A:LYS:H	1:81:A:GLU:HB3	6	1.94
(2,1458)	1:30:A:LEU:HB2	1:145:A:PRO:HD2	10	1.94
(2,1458)	1:30:A:LEU:HB3	1:145:A:PRO:HD2	10	1.94
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE1	5	1.94
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE2	5	1.94
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE3	5	1.94
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE1	5	1.94
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE2	5	1.94
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE3	5	1.94
(34,1094)	1:66:A:THR:HG21	1:95:A:ILE:HA	7	1.93
(34,1094)	1:66:A:THR:HG22	1:95:A:ILE:HA	7	1.93
(34,1094)	1:66:A:THR:HG23	1:95:A:ILE:HA	7	1.93
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD2	18	1.93
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD3	18	1.93
(33,2496)	1:144:A:LEU:HD11	1:147:A:ARG:H	6	1.93
(33,2496)	1:144:A:LEU:HD12	1:147:A:ARG:H	6	1.93
(33,2496)	1:144:A:LEU:HD13	1:147:A:ARG:H	6	1.93
(33,2496)	1:144:A:LEU:HD21	1:147:A:ARG:H	6	1.93
(33,2496)	1:144:A:LEU:HD22	1:147:A:ARG:H	6	1.93
(33,2496)	1:144:A:LEU:HD23	1:147:A:ARG:H	6	1.93
(33,1729)	1:19:A:ALA:H	1:132:A:ALA:HA	4	1.93
(33,1692)	1:43:A:MET:HE1	1:137:A:SER:H	5	1.93
(33,1692)	1:43:A:MET:HE2	1:137:A:SER:H	5	1.93
(33,1692)	1:43:A:MET:HE3	1:137:A:SER:H	5	1.93
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB1	7	1.93
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB2	7	1.93
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB3	7	1.93
(32,1665)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	16	1.93
(32,1665)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	16	1.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1665)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	16	1.93
(32,839)	1:30:A:LEU:HB2	1:143:A:TRP:HZ3	7	1.93
(32,839)	1:30:A:LEU:HB3	1:143:A:TRP:HZ3	7	1.93
(32,325)	1:57:A:LEU:H	1:58:A:ILE:HG13	17	1.93
(30,1715)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	16	1.93
(30,1715)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	16	1.93
(30,1715)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	16	1.93
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	12	1.93
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	12	1.93
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	12	1.93
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	13	1.93
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	13	1.93
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	13	1.93
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB2	17	1.93
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB2	17	1.93
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB2	17	1.93
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB3	17	1.93
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB3	17	1.93
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB3	17	1.93
(29,2442)	1:144:A:LEU:HD11	1:147:A:ARG:H	6	1.93
(29,2442)	1:144:A:LEU:HD12	1:147:A:ARG:H	6	1.93
(29,2442)	1:144:A:LEU:HD13	1:147:A:ARG:H	6	1.93
(29,2442)	1:144:A:LEU:HD21	1:147:A:ARG:H	6	1.93
(29,2442)	1:144:A:LEU:HD22	1:147:A:ARG:H	6	1.93
(29,2442)	1:144:A:LEU:HD23	1:147:A:ARG:H	6	1.93
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD11	14	1.93
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD12	14	1.93
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD13	14	1.93
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD21	14	1.93
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD22	14	1.93
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD23	14	1.93
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD11	14	1.93
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD12	14	1.93
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD13	14	1.93
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD21	14	1.93
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD22	14	1.93
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD23	14	1.93
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD11	14	1.93
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD12	14	1.93
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD13	14	1.93
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD21	14	1.93
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD22	14	1.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD23	14	1.93
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	12	1.93
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	12	1.93
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	12	1.93
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	13	1.93
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	13	1.93
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	13	1.93
(20,9)	1:56:A:CYS:SG	1:127:A:CYS:SG	1	1.93
(20,6)	1:52:A:CYS:SG	1:56:A:CYS:SG	14	1.93
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	7	1.93
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	7	1.93
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	7	1.93
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	7	1.93
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	7	1.93
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	7	1.93
(18,1705)	1:79:A:THR:HG21	1:81:A:GLU:HB3	18	1.93
(18,1705)	1:79:A:THR:HG22	1:81:A:GLU:HB3	18	1.93
(18,1705)	1:79:A:THR:HG23	1:81:A:GLU:HB3	18	1.93
(18,1695)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	16	1.93
(18,1695)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	16	1.93
(18,1695)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	16	1.93
(18,1026)	1:79:A:THR:HG21	1:81:A:GLU:HB2	14	1.93
(18,1026)	1:79:A:THR:HG22	1:81:A:GLU:HB2	14	1.93
(18,1026)	1:79:A:THR:HG23	1:81:A:GLU:HB2	14	1.93
(18,345)	1:57:A:LEU:H	1:58:A:ILE:HG13	17	1.93
(17,2480)	1:144:A:LEU:HD11	1:147:A:ARG:H	6	1.93
(17,2480)	1:144:A:LEU:HD12	1:147:A:ARG:H	6	1.93
(17,2480)	1:144:A:LEU:HD13	1:147:A:ARG:H	6	1.93
(17,2480)	1:144:A:LEU:HD21	1:147:A:ARG:H	6	1.93
(17,2480)	1:144:A:LEU:HD22	1:147:A:ARG:H	6	1.93
(17,2480)	1:144:A:LEU:HD23	1:147:A:ARG:H	6	1.93
(17,1723)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	16	1.93
(17,1723)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	16	1.93
(17,1723)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	16	1.93
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	12	1.93
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	12	1.93
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	12	1.93
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	13	1.93
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	13	1.93
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	13	1.93
(17,1188)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	10	1.93
(17,1188)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	10	1.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1188)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	10	1.93
(17,575)	1:130:A:GLY:H	1:133:A:ASN:HB2	19	1.93
(16,2491)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	3	1.93
(16,2491)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	3	1.93
(16,2491)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	3	1.93
(16,2491)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	3	1.93
(16,1899)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	2	1.93
(16,1533)	1:69:A:MET:HE1	1:76:A:ARG:HB2	8	1.93
(16,1533)	1:69:A:MET:HE2	1:76:A:ARG:HB2	8	1.93
(16,1533)	1:69:A:MET:HE3	1:76:A:ARG:HB2	8	1.93
(15,2492)	1:144:A:LEU:HD11	1:147:A:ARG:H	6	1.93
(15,2492)	1:144:A:LEU:HD12	1:147:A:ARG:H	6	1.93
(15,2492)	1:144:A:LEU:HD13	1:147:A:ARG:H	6	1.93
(15,2492)	1:144:A:LEU:HD21	1:147:A:ARG:H	6	1.93
(15,2492)	1:144:A:LEU:HD22	1:147:A:ARG:H	6	1.93
(15,2492)	1:144:A:LEU:HD23	1:147:A:ARG:H	6	1.93
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	12	1.93
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	12	1.93
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	12	1.93
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	13	1.93
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	13	1.93
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	13	1.93
(13,2468)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	3	1.93
(13,2468)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	3	1.93
(13,2468)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	3	1.93
(13,2468)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	3	1.93
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG21	8	1.93
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG22	8	1.93
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG23	8	1.93
(13,85)	1:30:A:LEU:H	1:144:A:LEU:HA	10	1.93
(11,995)	1:102:A:PRO:HA	1:105:A:LYS:HD2	4	1.93
(11,995)	1:102:A:PRO:HA	1:105:A:LYS:HD3	4	1.93
(11,843)	1:43:A:MET:HE1	1:144:A:LEU:HB2	5	1.93
(11,843)	1:43:A:MET:HE2	1:144:A:LEU:HB2	5	1.93
(11,843)	1:43:A:MET:HE3	1:144:A:LEU:HB2	5	1.93
(11,843)	1:43:A:MET:HE1	1:144:A:LEU:HB3	5	1.93
(11,843)	1:43:A:MET:HE2	1:144:A:LEU:HB3	5	1.93
(11,843)	1:43:A:MET:HE3	1:144:A:LEU:HB3	5	1.93
(11,817)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	17	1.93
(11,817)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	17	1.93
(11,817)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	17	1.93
(9,2430)	1:144:A:LEU:HD11	1:147:A:ARG:H	6	1.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2430)	1:144:A:LEU:HD12	1:147:A:ARG:H	6	1.93
(9,2430)	1:144:A:LEU:HD13	1:147:A:ARG:H	6	1.93
(9,2430)	1:144:A:LEU:HD21	1:147:A:ARG:H	6	1.93
(9,2430)	1:144:A:LEU:HD22	1:147:A:ARG:H	6	1.93
(9,2430)	1:144:A:LEU:HD23	1:147:A:ARG:H	6	1.93
(9,1180)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	10	1.93
(9,1180)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	10	1.93
(9,1180)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	10	1.93
(9,750)	1:43:A:MET:HE1	1:134:A:VAL:H	4	1.93
(9,750)	1:43:A:MET:HE2	1:134:A:VAL:H	4	1.93
(9,750)	1:43:A:MET:HE3	1:134:A:VAL:H	4	1.93
(6,1711)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	16	1.93
(6,1711)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	16	1.93
(6,1711)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	16	1.93
(6,1698)	1:43:A:MET:HE1	1:137:A:SER:H	5	1.93
(6,1698)	1:43:A:MET:HE2	1:137:A:SER:H	5	1.93
(6,1698)	1:43:A:MET:HE3	1:137:A:SER:H	5	1.93
(5,2469)	1:144:A:LEU:HD11	1:147:A:ARG:H	6	1.93
(5,2469)	1:144:A:LEU:HD12	1:147:A:ARG:H	6	1.93
(5,2469)	1:144:A:LEU:HD13	1:147:A:ARG:H	6	1.93
(5,2469)	1:144:A:LEU:HD21	1:147:A:ARG:H	6	1.93
(5,2469)	1:144:A:LEU:HD22	1:147:A:ARG:H	6	1.93
(5,2469)	1:144:A:LEU:HD23	1:147:A:ARG:H	6	1.93
(5,2127)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	13	1.93
(5,2127)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	13	1.93
(5,2127)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	13	1.93
(5,2127)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	13	1.93
(5,2127)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	13	1.93
(5,2127)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	13	1.93
(5,1732)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	16	1.93
(5,1732)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	16	1.93
(5,1732)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	16	1.93
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD11	1	1.93
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD12	1	1.93
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD13	1	1.93
(5,977)	1:47:A:ALA:HB1	1:134:A:VAL:HB	9	1.93
(5,977)	1:47:A:ALA:HB2	1:134:A:VAL:HB	9	1.93
(5,977)	1:47:A:ALA:HB3	1:134:A:VAL:HB	9	1.93
(5,916)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	9	1.93
(3,2306)	1:79:A:THR:HG21	1:81:A:GLU:HB2	18	1.93
(3,2306)	1:79:A:THR:HG21	1:81:A:GLU:HB3	18	1.93
(3,2306)	1:79:A:THR:HG22	1:81:A:GLU:HB2	18	1.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2306)	1:79:A:THR:HG22	1:81:A:GLU:HB3	18	1.93
(3,2306)	1:79:A:THR:HG23	1:81:A:GLU:HB2	18	1.93
(3,2306)	1:79:A:THR:HG23	1:81:A:GLU:HB3	18	1.93
(3,1741)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	16	1.93
(3,1741)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	16	1.93
(3,1741)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	16	1.93
(3,1122)	1:31:A:PRO:HG2	1:143:A:TRP:HA	10	1.93
(3,1122)	1:31:A:PRO:HG3	1:143:A:TRP:HA	10	1.93
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	10	1.93
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	10	1.93
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	10	1.93
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	10	1.93
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	10	1.93
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	10	1.93
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	10	1.93
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	10	1.93
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	10	1.93
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	10	1.93
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	10	1.93
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	10	1.93
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	10	1.93
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	10	1.93
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	10	1.93
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	10	1.93
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	10	1.93
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	10	1.93
(1,2052)	1:30:A:LEU:HD11	1:144:A:LEU:HA	5	1.93
(1,2052)	1:30:A:LEU:HD12	1:144:A:LEU:HA	5	1.93
(1,2052)	1:30:A:LEU:HD13	1:144:A:LEU:HA	5	1.93
(1,2052)	1:30:A:LEU:HD21	1:144:A:LEU:HA	5	1.93
(1,2052)	1:30:A:LEU:HD22	1:144:A:LEU:HA	5	1.93
(1,2052)	1:30:A:LEU:HD23	1:144:A:LEU:HA	5	1.93
(1,340)	1:57:A:LEU:H	1:58:A:ILE:HG13	17	1.93
(34,1633)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	16	1.92
(34,1633)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	16	1.92
(34,1633)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	16	1.92
(34,1633)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	16	1.92
(34,1633)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	16	1.92
(34,1633)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	16	1.92
(33,1944)	1:10:A:ASN:HD21	1:81:A:GLU:H	16	1.92
(33,1944)	1:10:A:ASN:HD22	1:81:A:GLU:H	16	1.92
(32,1913)	1:10:A:ASN:HD21	1:81:A:GLU:H	16	1.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1913)	1:10:A:ASN:HD22	1:81:A:GLU:H	16	1.92
(30,1844)	1:13:A:ALA:HA	1:80:A:TYR:HE1	13	1.92
(30,1844)	1:13:A:ALA:HA	1:80:A:TYR:HE2	13	1.92
(29,773)	1:37:A:LEU:H	1:40:A:LEU:HB3	15	1.92
(20,8)	1:56:A:CYS:SG	1:123:A:CYS:SG	15	1.92
(18,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB2	18	1.92
(18,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB3	18	1.92
(18,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB2	18	1.92
(18,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB3	18	1.92
(18,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB2	18	1.92
(18,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB3	18	1.92
(18,1946)	1:10:A:ASN:HD21	1:81:A:GLU:H	16	1.92
(18,1946)	1:10:A:ASN:HD22	1:81:A:GLU:H	16	1.92
(18,514)	1:101:A:ILE:HG13	1:105:A:LYS:H	11	1.92
(18,514)	1:101:A:ILE:HG13	1:105:A:LYS:H	12	1.92
(17,2150)	1:40:A:LEU:HD11	1:44:A:GLU:HG2	11	1.92
(17,2150)	1:40:A:LEU:HD12	1:44:A:GLU:HG2	11	1.92
(17,2150)	1:40:A:LEU:HD13	1:44:A:GLU:HG2	11	1.92
(17,2150)	1:40:A:LEU:HD21	1:44:A:GLU:HG2	11	1.92
(17,2150)	1:40:A:LEU:HD22	1:44:A:GLU:HG2	11	1.92
(17,2150)	1:40:A:LEU:HD23	1:44:A:GLU:HG2	11	1.92
(17,1735)	1:13:A:ALA:HA	1:79:A:THR:HG21	11	1.92
(17,1735)	1:13:A:ALA:HA	1:79:A:THR:HG22	11	1.92
(17,1735)	1:13:A:ALA:HA	1:79:A:THR:HG23	11	1.92
(17,1657)	1:18:A:PHE:HZ	1:60:A:LEU:HA	13	1.92
(17,1218)	1:41:A:LYS:HG3	1:44:A:GLU:HG2	11	1.92
(17,1112)	1:31:A:PRO:HG2	1:143:A:TRP:HA	10	1.92
(17,1112)	1:31:A:PRO:HG3	1:143:A:TRP:HA	10	1.92
(16,2151)	1:43:A:MET:HE1	1:131:A:LEU:HB2	7	1.92
(16,2151)	1:43:A:MET:HE1	1:131:A:LEU:HB3	7	1.92
(16,2151)	1:43:A:MET:HE2	1:131:A:LEU:HB2	7	1.92
(16,2151)	1:43:A:MET:HE2	1:131:A:LEU:HB3	7	1.92
(16,2151)	1:43:A:MET:HE3	1:131:A:LEU:HB2	7	1.92
(16,2151)	1:43:A:MET:HE3	1:131:A:LEU:HB3	7	1.92
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD2	4	1.92
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD3	4	1.92
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD2	4	1.92
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD3	4	1.92
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD2	4	1.92
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD3	4	1.92
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD11	9	1.92
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD12	9	1.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD13	9	1.92
(15,1634)	1:18:A:PHE:HZ	1:60:A:LEU:HA	13	1.92
(15,967)	1:33:A:LYS:HB2	1:80:A:TYR:HB2	10	1.92
(15,967)	1:33:A:LYS:HB3	1:80:A:TYR:HB2	10	1.92
(13,1848)	1:64:A:LYS:HD2	1:104:A:PHE:HZ	4	1.92
(13,1848)	1:64:A:LYS:HD3	1:104:A:PHE:HZ	4	1.92
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG2	8	1.92
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG3	8	1.92
(11,1474)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	3	1.92
(11,1474)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	3	1.92
(11,1474)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	3	1.92
(11,1118)	1:146:A:GLN:HA	1:147:A:ARG:HG2	9	1.92
(11,1118)	1:146:A:GLN:HA	1:147:A:ARG:HG3	9	1.92
(11,927)	1:108:A:GLU:HG3	1:112:A:GLN:H	3	1.92
(9,1441)	1:145:A:PRO:HD2	1:147:A:ARG:H	7	1.92
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD11	17	1.92
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD12	17	1.92
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD13	17	1.92
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD21	17	1.92
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD22	17	1.92
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD23	17	1.92
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD11	17	1.92
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD12	17	1.92
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD13	17	1.92
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD21	17	1.92
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD22	17	1.92
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD23	17	1.92
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD11	17	1.92
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD12	17	1.92
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD13	17	1.92
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD21	17	1.92
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD22	17	1.92
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD23	17	1.92
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD11	17	1.92
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD12	17	1.92
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD13	17	1.92
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD21	17	1.92
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD22	17	1.92
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD23	17	1.92
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD11	17	1.92
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD12	17	1.92
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD13	17	1.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD21	17	1.92
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD22	17	1.92
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD23	17	1.92
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD11	17	1.92
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD12	17	1.92
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD13	17	1.92
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD21	17	1.92
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD22	17	1.92
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD23	17	1.92
(7,1611)	1:27:A:ARG:HA	1:30:A:LEU:H	13	1.92
(7,934)	1:11:A:ILE:HD11	1:12:A:VAL:HA	14	1.92
(7,934)	1:11:A:ILE:HD12	1:12:A:VAL:HA	14	1.92
(7,934)	1:11:A:ILE:HD13	1:12:A:VAL:HA	14	1.92
(6,1958)	1:10:A:ASN:HD21	1:81:A:GLU:H	16	1.92
(6,1958)	1:10:A:ASN:HD22	1:81:A:GLU:H	16	1.92
(5,1893)	1:9:A:PHE:HE1	1:14:A:VAL:HB	3	1.92
(5,1893)	1:9:A:PHE:HE2	1:14:A:VAL:HB	3	1.92
(5,1465)	1:145:A:PRO:HD2	1:147:A:ARG:H	7	1.92
(5,1023)	1:27:A:ARG:HB3	1:29:A:LYS:HG2	3	1.92
(5,1023)	1:27:A:ARG:HB3	1:29:A:LYS:HG3	3	1.92
(5,922)	1:108:A:GLU:HG3	1:112:A:GLN:H	8	1.92
(4,1929)	1:10:A:ASN:HD21	1:81:A:GLU:H	16	1.92
(4,1929)	1:10:A:ASN:HD22	1:81:A:GLU:H	16	1.92
(4,1822)	1:13:A:ALA:HA	1:80:A:TYR:HE1	10	1.92
(4,1822)	1:13:A:ALA:HA	1:80:A:TYR:HE2	10	1.92
(4,1615)	1:18:A:PHE:HZ	1:60:A:LEU:HA	13	1.92
(3,2044)	1:17:A:ASN:HD21	1:78:A:HIS:H	1	1.92
(3,2044)	1:17:A:ASN:HD22	1:78:A:HIS:H	1	1.92
(3,1974)	1:10:A:ASN:HD21	1:81:A:GLU:H	16	1.92
(3,1974)	1:10:A:ASN:HD22	1:81:A:GLU:H	16	1.92
(3,1040)	1:113:A:PHE:HA	1:116:A:GLN:HG3	16	1.92
(3,852)	1:48:A:ARG:HD2	1:49:A:LYS:HA	10	1.92
(3,852)	1:48:A:ARG:HD3	1:49:A:LYS:HA	10	1.92
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE1	11	1.92
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE2	11	1.92
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE3	11	1.92
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE1	11	1.92
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE2	11	1.92
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE3	11	1.92
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE1	11	1.92
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE2	11	1.92
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE3	11	1.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE1	11	1.92
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE2	11	1.92
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE3	11	1.92
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE1	11	1.92
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE2	11	1.92
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE3	11	1.92
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE1	11	1.92
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE2	11	1.92
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE3	11	1.92
(2,1263)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	12	1.92
(2,1263)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	12	1.92
(2,1263)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	12	1.92
(2,1263)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	12	1.92
(2,1263)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	12	1.92
(2,1263)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	12	1.92
(1,2052)	1:30:A:LEU:HD11	1:144:A:LEU:HA	17	1.92
(1,2052)	1:30:A:LEU:HD12	1:144:A:LEU:HA	17	1.92
(1,2052)	1:30:A:LEU:HD13	1:144:A:LEU:HA	17	1.92
(1,2052)	1:30:A:LEU:HD21	1:144:A:LEU:HA	17	1.92
(1,2052)	1:30:A:LEU:HD22	1:144:A:LEU:HA	17	1.92
(1,2052)	1:30:A:LEU:HD23	1:144:A:LEU:HA	17	1.92
(1,1449)	1:31:A:PRO:HD3	1:143:A:TRP:HA	3	1.92
(1,968)	1:11:A:ILE:HD11	1:12:A:VAL:HA	14	1.92
(1,968)	1:11:A:ILE:HD12	1:12:A:VAL:HA	14	1.92
(1,968)	1:11:A:ILE:HD13	1:12:A:VAL:HA	14	1.92
(34,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	4	1.91
(34,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	4	1.91
(34,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	4	1.91
(34,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	4	1.91
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	15	1.91
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	15	1.91
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	15	1.91
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	15	1.91
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	15	1.91
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	15	1.91
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	15	1.91
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	15	1.91
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	15	1.91
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	15	1.91
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	15	1.91
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	15	1.91
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	5	1.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	5	1.91
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	5	1.91
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	5	1.91
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	5	1.91
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	5	1.91
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	5	1.91
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	5	1.91
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	5	1.91
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	5	1.91
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	5	1.91
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	5	1.91
(33,1294)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	17	1.91
(33,1294)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	17	1.91
(33,1294)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	17	1.91
(33,975)	1:11:A:ILE:HG12	1:14:A:VAL:HB	4	1.91
(33,565)	1:63:A:ILE:HG21	1:116:A:GLN:H	17	1.91
(33,565)	1:63:A:ILE:HG22	1:116:A:GLN:H	17	1.91
(33,565)	1:63:A:ILE:HG23	1:116:A:GLN:H	17	1.91
(33,558)	1:10:A:ASN:HD21	1:14:A:VAL:HB	12	1.91
(32,1811)	1:13:A:ALA:HA	1:80:A:TYR:HE1	7	1.91
(32,1811)	1:13:A:ALA:HA	1:80:A:TYR:HE2	7	1.91
(32,1309)	1:105:A:LYS:HD2	1:106:A:ASP:HA	1	1.91
(32,1309)	1:105:A:LYS:HD3	1:106:A:ASP:HA	1	1.91
(32,556)	1:63:A:ILE:HG21	1:116:A:GLN:H	17	1.91
(32,556)	1:63:A:ILE:HG22	1:116:A:GLN:H	17	1.91
(32,556)	1:63:A:ILE:HG23	1:116:A:GLN:H	17	1.91
(30,1334)	1:105:A:LYS:HD2	1:106:A:ASP:HA	1	1.91
(30,1334)	1:105:A:LYS:HD3	1:106:A:ASP:HA	1	1.91
(30,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	8	1.91
(30,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	8	1.91
(30,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	8	1.91
(30,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	8	1.91
(29,1346)	1:105:A:LYS:HD2	1:106:A:ASP:HA	1	1.91
(29,1346)	1:105:A:LYS:HD3	1:106:A:ASP:HA	1	1.91
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB1	10	1.91
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB2	10	1.91
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB3	10	1.91
(29,814)	1:11:A:ILE:HD11	1:14:A:VAL:HB	3	1.91
(29,814)	1:11:A:ILE:HD12	1:14:A:VAL:HB	3	1.91
(29,814)	1:11:A:ILE:HD13	1:14:A:VAL:HB	3	1.91
(29,263)	1:27:A:ARG:HB3	1:29:A:LYS:H	11	1.91
(19,15)	1:52:A:CYS:SG	1:127:A:CYS:CB	4	1.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(19,14)	1:52:A:CYS:SG	1:123:A:CYS:CB	12	1.91
(18,1334)	1:105:A:LYS:HD2	1:106:A:ASP:HA	1	1.91
(18,1334)	1:105:A:LYS:HD3	1:106:A:ASP:HA	1	1.91
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	11	1.91
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	11	1.91
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	11	1.91
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	11	1.91
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	11	1.91
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	11	1.91
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	11	1.91
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	11	1.91
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	11	1.91
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	11	1.91
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	11	1.91
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	11	1.91
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	11	1.91
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	11	1.91
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	11	1.91
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	11	1.91
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	11	1.91
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	11	1.91
(17,2074)	1:31:A:PRO:HD2	1:143:A:TRP:HA	17	1.91
(17,2074)	1:31:A:PRO:HD3	1:143:A:TRP:HA	17	1.91
(17,1353)	1:105:A:LYS:HD2	1:106:A:ASP:HA	1	1.91
(17,1353)	1:105:A:LYS:HD3	1:106:A:ASP:HA	1	1.91
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD11	10	1.91
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD12	10	1.91
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD13	10	1.91
(16,1345)	1:105:A:LYS:HD2	1:106:A:ASP:HA	1	1.91
(16,1345)	1:105:A:LYS:HD3	1:106:A:ASP:HA	1	1.91
(16,566)	1:10:A:ASN:HD21	1:14:A:VAL:HB	12	1.91
(15,2496)	1:144:A:LEU:HD11	1:148:A:CYS:H	19	1.91
(15,2496)	1:144:A:LEU:HD12	1:148:A:CYS:H	19	1.91
(15,2496)	1:144:A:LEU:HD13	1:148:A:CYS:H	19	1.91
(15,2496)	1:144:A:LEU:HD21	1:148:A:CYS:H	19	1.91
(15,2496)	1:144:A:LEU:HD22	1:148:A:CYS:H	19	1.91
(15,2496)	1:144:A:LEU:HD23	1:148:A:CYS:H	19	1.91
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG11	15	1.91
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG12	15	1.91
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG13	15	1.91
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG21	15	1.91
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG22	15	1.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG23	15	1.91
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE1	18	1.91
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE2	18	1.91
(13,1313)	1:105:A:LYS:HD2	1:106:A:ASP:HA	1	1.91
(13,1313)	1:105:A:LYS:HD3	1:106:A:ASP:HA	1	1.91
(13,555)	1:10:A:ASN:HD21	1:14:A:VAL:HB	12	1.91
(13,262)	1:27:A:ARG:HB3	1:29:A:LYS:H	11	1.91
(11,2075)	1:32:A:GLY:HA2	1:81:A:GLU:H	11	1.91
(11,2075)	1:32:A:GLY:HA3	1:81:A:GLU:H	11	1.91
(11,1422)	1:56:A:CYS:HA	1:120:A:CYS:HA	5	1.91
(9,743)	1:105:A:LYS:HG2	1:112:A:GLN:HE21	19	1.91
(9,269)	1:27:A:ARG:HB3	1:29:A:LYS:H	11	1.91
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD11	2	1.91
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD12	2	1.91
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD13	2	1.91
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD21	2	1.91
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD22	2	1.91
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD23	2	1.91
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD11	5	1.91
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD12	5	1.91
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD13	5	1.91
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD21	5	1.91
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD22	5	1.91
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD23	5	1.91
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG11	6	1.91
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG12	6	1.91
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG13	6	1.91
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG21	6	1.91
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG22	6	1.91
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG23	6	1.91
(7,1690)	1:21:A:THR:HG21	1:147:A:ARG:HE	1	1.91
(7,1690)	1:21:A:THR:HG22	1:147:A:ARG:HE	1	1.91
(7,1690)	1:21:A:THR:HG23	1:147:A:ARG:HE	1	1.91
(7,1321)	1:105:A:LYS:HD2	1:106:A:ASP:HA	1	1.91
(7,1321)	1:105:A:LYS:HD3	1:106:A:ASP:HA	1	1.91
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB1	10	1.91
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB2	10	1.91
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB3	10	1.91
(7,560)	1:10:A:ASN:HD21	1:14:A:VAL:HB	12	1.91
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE1	6	1.91
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE2	6	1.91
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE1	6	1.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE2	6	1.91
(6,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	4	1.91
(6,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	4	1.91
(6,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	4	1.91
(6,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	4	1.91
(6,1848)	1:13:A:ALA:HA	1:80:A:TYR:HE1	7	1.91
(6,1848)	1:13:A:ALA:HA	1:80:A:TYR:HE2	7	1.91
(5,1359)	1:105:A:LYS:HD2	1:106:A:ASP:HA	1	1.91
(5,1359)	1:105:A:LYS:HD3	1:106:A:ASP:HA	1	1.91
(5,1023)	1:27:A:ARG:HB3	1:29:A:LYS:HG2	16	1.91
(5,1023)	1:27:A:ARG:HB3	1:29:A:LYS:HG3	16	1.91
(5,555)	1:10:A:ASN:HD21	1:14:A:VAL:HB	12	1.91
(4,213)	1:44:A:GLU:HG2	1:48:A:ARG:H	3	1.91
(4,213)	1:44:A:GLU:HG2	1:48:A:ARG:H	17	1.91
(3,1873)	1:13:A:ALA:HA	1:80:A:TYR:HE1	7	1.91
(3,1873)	1:13:A:ALA:HA	1:80:A:TYR:HE2	7	1.91
(3,1366)	1:105:A:LYS:HD2	1:106:A:ASP:HA	1	1.91
(3,1366)	1:105:A:LYS:HD3	1:106:A:ASP:HA	1	1.91
(3,1040)	1:113:A:PHE:HA	1:116:A:GLN:HG3	4	1.91
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	5	1.91
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	5	1.91
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	5	1.91
(3,262)	1:27:A:ARG:HB3	1:29:A:LYS:H	11	1.91
(2,2471)	1:145:A:PRO:HB2	1:148:A:CYS:HB2	9	1.91
(2,2471)	1:145:A:PRO:HB2	1:148:A:CYS:HB3	9	1.91
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD21	15	1.91
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD22	15	1.91
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD23	15	1.91
(2,1340)	1:105:A:LYS:HD2	1:106:A:ASP:HA	1	1.91
(2,1340)	1:105:A:LYS:HD3	1:106:A:ASP:HA	1	1.91
(2,709)	1:48:A:ARG:HE	1:49:A:LYS:HA	19	1.91
(1,1881)	1:9:A:PHE:HE1	1:14:A:VAL:HB	9	1.91
(1,1881)	1:9:A:PHE:HE2	1:14:A:VAL:HB	9	1.91
(1,1341)	1:105:A:LYS:HD2	1:106:A:ASP:HA	1	1.91
(1,1341)	1:105:A:LYS:HD3	1:106:A:ASP:HA	1	1.91
(1,648)	1:66:A:THR:H	1:96:A:VAL:H	14	1.91
(1,564)	1:10:A:ASN:HD21	1:14:A:VAL:HB	12	1.91
(34,2023)	1:18:A:PHE:HA	1:117:A:VAL:HG11	17	1.9
(34,2023)	1:18:A:PHE:HA	1:117:A:VAL:HG12	17	1.9
(34,2023)	1:18:A:PHE:HA	1:117:A:VAL:HG13	17	1.9
(34,2023)	1:18:A:PHE:HA	1:117:A:VAL:HG21	17	1.9
(34,2023)	1:18:A:PHE:HA	1:117:A:VAL:HG22	17	1.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2023)	1:18:A:PHE:HA	1:117:A:VAL:HG23	17	1.9
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD2	4	1.9
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD3	4	1.9
(34,572)	1:10:A:ASN:HD21	1:11:A:ILE:HB	1	1.9
(33,1967)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	7	1.9
(33,1967)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	7	1.9
(33,1967)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	7	1.9
(33,1967)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	7	1.9
(33,1967)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	7	1.9
(33,1967)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	7	1.9
(33,1967)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	7	1.9
(33,1967)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	7	1.9
(33,1967)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	7	1.9
(33,1967)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	7	1.9
(33,1967)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	7	1.9
(33,1967)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	7	1.9
(33,1863)	1:9:A:PHE:HE1	1:14:A:VAL:HB	14	1.9
(33,1863)	1:9:A:PHE:HE2	1:14:A:VAL:HB	14	1.9
(33,1729)	1:19:A:ALA:H	1:132:A:ALA:HA	5	1.9
(33,1616)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	15	1.9
(33,1616)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	15	1.9
(32,1784)	1:9:A:PHE:HZ	1:54:A:ARG:HE	11	1.9
(32,1084)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	11	1.9
(32,1084)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	11	1.9
(30,2044)	1:27:A:ARG:HB2	1:29:A:LYS:H	9	1.9
(30,2044)	1:27:A:ARG:HB3	1:29:A:LYS:H	9	1.9
(29,2078)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	7	1.9
(29,2078)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	7	1.9
(29,2078)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	7	1.9
(29,2078)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	7	1.9
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD11	19	1.9
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD12	19	1.9
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD13	19	1.9
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD21	19	1.9
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD22	19	1.9
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD23	19	1.9
(19,9)	1:127:A:CYS:SG	1:123:A:CYS:CB	18	1.9
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD11	10	1.9
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD12	10	1.9
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD13	10	1.9
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD21	10	1.9
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD22	10	1.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD23	10	1.9
(18,1939)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	10	1.9
(18,1939)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	10	1.9
(18,1939)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	10	1.9
(18,1939)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	10	1.9
(17,2170)	1:43:A:MET:HE1	1:144:A:LEU:HB2	13	1.9
(17,2170)	1:43:A:MET:HE1	1:144:A:LEU:HB3	13	1.9
(17,2170)	1:43:A:MET:HE2	1:144:A:LEU:HB2	13	1.9
(17,2170)	1:43:A:MET:HE2	1:144:A:LEU:HB3	13	1.9
(17,2170)	1:43:A:MET:HE3	1:144:A:LEU:HB2	13	1.9
(17,2170)	1:43:A:MET:HE3	1:144:A:LEU:HB3	13	1.9
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE1	12	1.9
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE2	12	1.9
(16,2071)	1:32:A:GLY:HA2	1:81:A:GLU:H	3	1.9
(16,2071)	1:32:A:GLY:HA3	1:81:A:GLU:H	3	1.9
(16,1888)	1:150:A:THR:H	1:151:A:PHE:HD1	11	1.9
(16,1888)	1:150:A:THR:H	1:151:A:PHE:HD2	11	1.9
(16,1613)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	15	1.9
(16,1613)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	15	1.9
(15,920)	1:125:A:THR:HB	1:128:A:LEU:HG	15	1.9
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE1	10	1.9
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE2	10	1.9
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE3	10	1.9
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD2	4	1.9
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD3	4	1.9
(13,928)	1:11:A:ILE:HD11	1:12:A:VAL:HA	14	1.9
(13,928)	1:11:A:ILE:HD12	1:12:A:VAL:HA	14	1.9
(13,928)	1:11:A:ILE:HD13	1:12:A:VAL:HA	14	1.9
(13,829)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	1	1.9
(13,829)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	1	1.9
(11,1657)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	15	1.9
(11,1657)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	15	1.9
(11,1304)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	17	1.9
(11,1304)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	17	1.9
(11,1304)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	17	1.9
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD2	4	1.9
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD3	4	1.9
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE1	12	1.9
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE2	12	1.9
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE1	15	1.9
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE2	15	1.9
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE3	15	1.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE1	15	1.9
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE2	15	1.9
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE3	15	1.9
(6,743)	1:43:A:MET:HE1	1:134:A:VAL:H	5	1.9
(6,743)	1:43:A:MET:HE2	1:134:A:VAL:H	5	1.9
(6,743)	1:43:A:MET:HE3	1:134:A:VAL:H	5	1.9
(6,743)	1:43:A:MET:HE1	1:134:A:VAL:H	6	1.9
(6,743)	1:43:A:MET:HE2	1:134:A:VAL:H	6	1.9
(6,743)	1:43:A:MET:HE3	1:134:A:VAL:H	6	1.9
(5,2127)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	19	1.9
(5,2127)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	19	1.9
(5,2127)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	19	1.9
(5,2127)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	19	1.9
(5,2127)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	19	1.9
(5,2127)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	19	1.9
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD11	19	1.9
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD12	19	1.9
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD13	19	1.9
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD21	19	1.9
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD22	19	1.9
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD23	19	1.9
(5,1893)	1:9:A:PHE:HE1	1:14:A:VAL:HB	19	1.9
(5,1893)	1:9:A:PHE:HE2	1:14:A:VAL:HB	19	1.9
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD2	4	1.9
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD3	4	1.9
(5,843)	1:43:A:MET:HE1	1:144:A:LEU:HB3	11	1.9
(5,843)	1:43:A:MET:HE2	1:144:A:LEU:HB3	11	1.9
(5,843)	1:43:A:MET:HE3	1:144:A:LEU:HB3	11	1.9
(5,843)	1:43:A:MET:HE1	1:144:A:LEU:HB2	11	1.9
(5,843)	1:43:A:MET:HE2	1:144:A:LEU:HB2	11	1.9
(5,843)	1:43:A:MET:HE3	1:144:A:LEU:HB2	11	1.9
(4,1200)	1:34:A:LYS:H	1:81:A:GLU:HA	1	1.9
(4,940)	1:11:A:ILE:HD11	1:12:A:VAL:HA	17	1.9
(4,940)	1:11:A:ILE:HD12	1:12:A:VAL:HA	17	1.9
(4,940)	1:11:A:ILE:HD13	1:12:A:VAL:HA	17	1.9
(3,1847)	1:9:A:PHE:HZ	1:54:A:ARG:HE	11	1.9
(3,1656)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	15	1.9
(3,1656)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	15	1.9
(3,852)	1:48:A:ARG:HD2	1:49:A:LYS:HA	3	1.9
(3,852)	1:48:A:ARG:HD3	1:49:A:LYS:HA	3	1.9
(3,729)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	17	1.9
(3,729)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	17	1.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,729)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	17	1.9
(2,1804)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	5	1.9
(2,1804)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	5	1.9
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD11	6	1.9
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD12	6	1.9
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD13	6	1.9
(2,837)	1:8:A:ASP:H	1:54:A:ARG:HD2	12	1.9
(2,837)	1:8:A:ASP:H	1:54:A:ARG:HD3	12	1.9
(1,1794)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	5	1.9
(1,1794)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	5	1.9
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE1	15	1.9
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE2	15	1.9
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE3	15	1.9
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE1	15	1.9
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE2	15	1.9
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE3	15	1.9
(1,1520)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	3	1.9
(1,1520)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	3	1.9
(1,1520)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	3	1.9
(34,2291)	1:96:A:VAL:HG11	1:116:A:GLN:HG2	3	1.89
(34,2291)	1:96:A:VAL:HG12	1:116:A:GLN:HG2	3	1.89
(34,2291)	1:96:A:VAL:HG13	1:116:A:GLN:HG2	3	1.89
(34,2291)	1:96:A:VAL:HG21	1:116:A:GLN:HG2	3	1.89
(34,2291)	1:96:A:VAL:HG22	1:116:A:GLN:HG2	3	1.89
(34,2291)	1:96:A:VAL:HG23	1:116:A:GLN:HG2	3	1.89
(34,1973)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	16	1.89
(34,1973)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	16	1.89
(34,1973)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	16	1.89
(34,1973)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	16	1.89
(34,1973)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	16	1.89
(34,1973)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	16	1.89
(34,1910)	1:18:A:PHE:HA	1:113:A:PHE:HE1	1	1.89
(34,1910)	1:18:A:PHE:HA	1:113:A:PHE:HE2	1	1.89
(34,1841)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	17	1.89
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD11	12	1.89
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD12	12	1.89
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD13	12	1.89
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB1	4	1.89
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB2	4	1.89
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB3	4	1.89
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB1	11	1.89
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB2	11	1.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB3	11	1.89
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	2	1.89
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	2	1.89
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	2	1.89
(30,1496)	1:114:A:ILE:HG21	1:117:A:VAL:HB	15	1.89
(30,1496)	1:114:A:ILE:HG22	1:117:A:VAL:HB	15	1.89
(30,1496)	1:114:A:ILE:HG23	1:117:A:VAL:HB	15	1.89
(29,1993)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	16	1.89
(29,1993)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	16	1.89
(29,1993)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	16	1.89
(29,1993)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	16	1.89
(29,1993)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	16	1.89
(29,1993)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	16	1.89
(29,1847)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	17	1.89
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	19	1.89
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	19	1.89
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	19	1.89
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	19	1.89
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	19	1.89
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	19	1.89
(29,1507)	1:114:A:ILE:HG21	1:117:A:VAL:HB	15	1.89
(29,1507)	1:114:A:ILE:HG22	1:117:A:VAL:HB	15	1.89
(29,1507)	1:114:A:ILE:HG23	1:117:A:VAL:HB	15	1.89
(19,20)	1:56:A:CYS:SG	1:52:A:CYS:CB	18	1.89
(18,2054)	1:30:A:LEU:HD11	1:136:A:CYS:HA	13	1.89
(18,2054)	1:30:A:LEU:HD12	1:136:A:CYS:HA	13	1.89
(18,2054)	1:30:A:LEU:HD13	1:136:A:CYS:HA	13	1.89
(18,2054)	1:30:A:LEU:HD21	1:136:A:CYS:HA	13	1.89
(18,2054)	1:30:A:LEU:HD22	1:136:A:CYS:HA	13	1.89
(18,2054)	1:30:A:LEU:HD23	1:136:A:CYS:HA	13	1.89
(18,1972)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	16	1.89
(18,1972)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	16	1.89
(18,1972)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	16	1.89
(18,1972)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	16	1.89
(18,1972)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	16	1.89
(18,1972)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	16	1.89
(17,1846)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	17	1.89
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	19	1.89
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	19	1.89
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	19	1.89
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	19	1.89
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	19	1.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	19	1.89
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	19	1.89
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	19	1.89
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	19	1.89
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	19	1.89
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	19	1.89
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	19	1.89
(15,1490)	1:114:A:ILE:HG21	1:117:A:VAL:HB	15	1.89
(15,1490)	1:114:A:ILE:HG22	1:117:A:VAL:HB	15	1.89
(15,1490)	1:114:A:ILE:HG23	1:117:A:VAL:HB	15	1.89
(15,956)	1:74:A:PRO:HA	1:77:A:CYS:HB2	7	1.89
(15,920)	1:125:A:THR:HB	1:128:A:LEU:HG	7	1.89
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG11	4	1.89
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG12	4	1.89
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG13	4	1.89
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG21	4	1.89
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG22	4	1.89
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG23	4	1.89
(13,1933)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	16	1.89
(13,1933)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	16	1.89
(13,1933)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	16	1.89
(13,1933)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	16	1.89
(13,1933)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	16	1.89
(13,1933)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	16	1.89
(13,1846)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	12	1.89
(13,1846)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	12	1.89
(11,2254)	1:69:A:MET:HG2	1:70:A:LYS:HE2	15	1.89
(11,2254)	1:69:A:MET:HG2	1:70:A:LYS:HE3	15	1.89
(11,2254)	1:69:A:MET:HG3	1:70:A:LYS:HE2	15	1.89
(11,2254)	1:69:A:MET:HG3	1:70:A:LYS:HE3	15	1.89
(11,1994)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	16	1.89
(11,1994)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	16	1.89
(11,1994)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	16	1.89
(11,1994)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	16	1.89
(11,1994)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	16	1.89
(11,1994)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	16	1.89
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD21	17	1.89
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD22	17	1.89
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD23	17	1.89
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD21	17	1.89
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD22	17	1.89
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD23	17	1.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD21	17	1.89
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD22	17	1.89
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD23	17	1.89
(9,1821)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	17	1.89
(9,937)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	16	1.89
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	7	1.89
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	7	1.89
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	7	1.89
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	7	1.89
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	7	1.89
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	7	1.89
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	13	1.89
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	13	1.89
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	13	1.89
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	13	1.89
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	13	1.89
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	13	1.89
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	13	1.89
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	13	1.89
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	13	1.89
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	13	1.89
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	13	1.89
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	13	1.89
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	13	1.89
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	13	1.89
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	13	1.89
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	13	1.89
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	13	1.89
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	13	1.89
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	19	1.89
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	19	1.89
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	19	1.89
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	19	1.89
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	19	1.89
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	19	1.89
(7,1479)	1:114:A:ILE:HG21	1:117:A:VAL:HB	15	1.89
(7,1479)	1:114:A:ILE:HG22	1:117:A:VAL:HB	15	1.89
(7,1479)	1:114:A:ILE:HG23	1:117:A:VAL:HB	15	1.89
(6,2030)	1:18:A:PHE:HA	1:117:A:VAL:HG11	17	1.89
(6,2030)	1:18:A:PHE:HA	1:117:A:VAL:HG12	17	1.89
(6,2030)	1:18:A:PHE:HA	1:117:A:VAL:HG13	17	1.89
(6,2030)	1:18:A:PHE:HA	1:117:A:VAL:HG21	17	1.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2030)	1:18:A:PHE:HA	1:117:A:VAL:HG22	17	1.89
(6,2030)	1:18:A:PHE:HA	1:117:A:VAL:HG23	17	1.89
(6,1904)	1:18:A:PHE:HE1	1:117:A:VAL:HA	13	1.89
(6,1904)	1:18:A:PHE:HE2	1:117:A:VAL:HA	13	1.89
(6,1834)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	17	1.89
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	19	1.89
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	19	1.89
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	19	1.89
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	19	1.89
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	19	1.89
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	19	1.89
(6,1505)	1:43:A:MET:HE1	1:46:A:ASN:HB2	12	1.89
(6,1505)	1:43:A:MET:HE2	1:46:A:ASN:HB2	12	1.89
(6,1505)	1:43:A:MET:HE3	1:46:A:ASN:HB2	12	1.89
(6,701)	1:23:A:LEU:HB2	1:27:A:ARG:HE	6	1.89
(6,701)	1:23:A:LEU:HB3	1:27:A:ARG:HE	6	1.89
(5,2044)	1:31:A:PRO:HB2	1:144:A:LEU:HB2	4	1.89
(5,2044)	1:31:A:PRO:HB2	1:144:A:LEU:HB3	4	1.89
(5,2044)	1:31:A:PRO:HB3	1:144:A:LEU:HB2	4	1.89
(5,2044)	1:31:A:PRO:HB3	1:144:A:LEU:HB3	4	1.89
(4,1960)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	16	1.89
(4,1960)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	16	1.89
(4,1960)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	16	1.89
(4,1960)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	16	1.89
(4,1960)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	16	1.89
(4,1960)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	16	1.89
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	19	1.89
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	19	1.89
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	19	1.89
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	19	1.89
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	19	1.89
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	19	1.89
(4,1478)	1:114:A:ILE:HG21	1:117:A:VAL:HB	15	1.89
(4,1478)	1:114:A:ILE:HG22	1:117:A:VAL:HB	15	1.89
(4,1478)	1:114:A:ILE:HG23	1:117:A:VAL:HB	15	1.89
(3,1997)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	16	1.89
(3,1997)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	16	1.89
(3,1997)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	16	1.89
(3,1997)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	16	1.89
(3,1997)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	16	1.89
(3,1997)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	16	1.89
(3,1996)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	18	1.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1996)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	18	1.89
(3,1996)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	18	1.89
(3,1996)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	18	1.89
(3,1996)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	18	1.89
(3,1996)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	18	1.89
(3,1996)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	18	1.89
(3,1996)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	18	1.89
(3,1996)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	18	1.89
(3,1996)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	18	1.89
(3,1996)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	18	1.89
(3,1996)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	18	1.89
(3,1859)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	17	1.89
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	19	1.89
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	19	1.89
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	19	1.89
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	19	1.89
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	19	1.89
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	19	1.89
(3,852)	1:48:A:ARG:HD2	1:49:A:LYS:HA	19	1.89
(3,852)	1:48:A:ARG:HD3	1:49:A:LYS:HA	19	1.89
(2,1500)	1:114:A:ILE:HG21	1:117:A:VAL:HB	15	1.89
(2,1500)	1:114:A:ILE:HG22	1:117:A:VAL:HB	15	1.89
(2,1500)	1:114:A:ILE:HG23	1:117:A:VAL:HB	15	1.89
(1,1842)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	17	1.89
(1,1507)	1:114:A:ILE:HG21	1:117:A:VAL:HB	15	1.89
(1,1507)	1:114:A:ILE:HG22	1:117:A:VAL:HB	15	1.89
(1,1507)	1:114:A:ILE:HG23	1:117:A:VAL:HB	15	1.89
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG11	14	1.88
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG12	14	1.88
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG13	14	1.88
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG21	14	1.88
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG22	14	1.88
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG23	14	1.88
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD11	16	1.88
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD12	16	1.88
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD13	16	1.88
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD21	16	1.88
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD22	16	1.88
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD23	16	1.88
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD11	16	1.88
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD12	16	1.88
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD13	16	1.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD21	16	1.88
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD22	16	1.88
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD23	16	1.88
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD11	16	1.88
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD12	16	1.88
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD13	16	1.88
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD21	16	1.88
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD22	16	1.88
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD23	16	1.88
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD2	9	1.88
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD3	9	1.88
(33,1817)	1:9:A:PHE:HZ	1:54:A:ARG:HE	14	1.88
(33,1637)	1:134:A:VAL:HG11	1:137:A:SER:H	10	1.88
(33,1637)	1:134:A:VAL:HG12	1:137:A:SER:H	10	1.88
(33,1637)	1:134:A:VAL:HG13	1:137:A:SER:H	10	1.88
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	13	1.88
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	13	1.88
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	13	1.88
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	13	1.88
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	13	1.88
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	13	1.88
(32,917)	1:11:A:ILE:HD11	1:12:A:VAL:HA	18	1.88
(32,917)	1:11:A:ILE:HD12	1:12:A:VAL:HA	18	1.88
(32,917)	1:11:A:ILE:HD13	1:12:A:VAL:HA	18	1.88
(32,325)	1:57:A:LEU:H	1:58:A:ILE:HG13	12	1.88
(30,2286)	1:79:A:THR:HG21	1:81:A:GLU:HB2	18	1.88
(30,2286)	1:79:A:THR:HG21	1:81:A:GLU:HB3	18	1.88
(30,2286)	1:79:A:THR:HG22	1:81:A:GLU:HB2	18	1.88
(30,2286)	1:79:A:THR:HG22	1:81:A:GLU:HB3	18	1.88
(30,2286)	1:79:A:THR:HG23	1:81:A:GLU:HB2	18	1.88
(30,2286)	1:79:A:THR:HG23	1:81:A:GLU:HB3	18	1.88
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD11	15	1.88
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD12	15	1.88
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD13	15	1.88
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD11	15	1.88
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD12	15	1.88
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD13	15	1.88
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE1	8	1.88
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE2	8	1.88
(30,1831)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	3	1.88
(30,1820)	1:9:A:PHE:HZ	1:54:A:ARG:HE	14	1.88
(30,1373)	1:47:A:ALA:H	1:134:A:VAL:HG11	15	1.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1373)	1:47:A:ALA:H	1:134:A:VAL:HG12	15	1.88
(30,1373)	1:47:A:ALA:H	1:134:A:VAL:HG13	15	1.88
(30,1242)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	16	1.88
(30,1242)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	16	1.88
(30,1242)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	16	1.88
(30,1242)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	16	1.88
(30,1242)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	16	1.88
(30,1242)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	16	1.88
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD11	2	1.88
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD12	2	1.88
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD13	2	1.88
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD21	2	1.88
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD22	2	1.88
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD23	2	1.88
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	13	1.88
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	13	1.88
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	13	1.88
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	13	1.88
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	13	1.88
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	13	1.88
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD11	16	1.88
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD12	16	1.88
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD13	16	1.88
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD21	16	1.88
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD22	16	1.88
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD23	16	1.88
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD11	16	1.88
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD12	16	1.88
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD13	16	1.88
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD21	16	1.88
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD22	16	1.88
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD23	16	1.88
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD11	16	1.88
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD12	16	1.88
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD13	16	1.88
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD21	16	1.88
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD22	16	1.88
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD23	16	1.88
(18,1268)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	4	1.88
(18,1268)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	4	1.88
(18,1268)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	4	1.88
(18,1268)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	4	1.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1268)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	4	1.88
(18,1268)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	4	1.88
(18,345)	1:57:A:LEU:H	1:58:A:ILE:HG13	12	1.88
(17,2075)	1:31:A:PRO:HD2	1:144:A:LEU:HA	19	1.88
(17,2075)	1:31:A:PRO:HD3	1:144:A:LEU:HA	19	1.88
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	13	1.88
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	13	1.88
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	13	1.88
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	13	1.88
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	13	1.88
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	13	1.88
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG21	15	1.88
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG22	15	1.88
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG23	15	1.88
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG21	15	1.88
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG22	15	1.88
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG23	15	1.88
(15,2034)	1:31:A:PRO:HD2	1:144:A:LEU:HA	19	1.88
(15,2034)	1:31:A:PRO:HD3	1:144:A:LEU:HA	19	1.88
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD11	10	1.88
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD12	10	1.88
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD13	10	1.88
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD21	10	1.88
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD22	10	1.88
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD23	10	1.88
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD11	16	1.88
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD12	16	1.88
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD13	16	1.88
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD21	16	1.88
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD22	16	1.88
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD23	16	1.88
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD11	16	1.88
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD12	16	1.88
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD13	16	1.88
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD21	16	1.88
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD22	16	1.88
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD23	16	1.88
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD11	16	1.88
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD12	16	1.88
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD13	16	1.88
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD21	16	1.88
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD22	16	1.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD23	16	1.88
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	10	1.88
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	10	1.88
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	10	1.88
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	10	1.88
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	10	1.88
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	10	1.88
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	10	1.88
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	10	1.88
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	10	1.88
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD2	9	1.88
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD3	9	1.88
(11,2177)	1:46:A:ASN:HD21	1:131:A:LEU:HA	18	1.88
(11,2177)	1:46:A:ASN:HD22	1:131:A:LEU:HA	18	1.88
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	14	1.88
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	14	1.88
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	14	1.88
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	14	1.88
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	14	1.88
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	14	1.88
(11,1968)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	10	1.88
(11,1968)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	10	1.88
(11,1968)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	10	1.88
(11,1968)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	10	1.88
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	17	1.88
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	17	1.88
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	17	1.88
(11,1857)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	3	1.88
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD2	9	1.88
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD3	9	1.88
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	6	1.88
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	6	1.88
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	6	1.88
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	6	1.88
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	6	1.88
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	6	1.88
(9,1267)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	4	1.88
(9,1267)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	4	1.88
(9,1267)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	4	1.88
(9,1267)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	4	1.88
(9,1267)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	4	1.88
(9,1267)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	4	1.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2026)	1:31:A:PRO:HD2	1:144:A:LEU:HA	19	1.88
(7,2026)	1:31:A:PRO:HD3	1:144:A:LEU:HA	19	1.88
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD11	2	1.88
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD12	2	1.88
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD13	2	1.88
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD21	2	1.88
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD22	2	1.88
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD23	2	1.88
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG21	17	1.88
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG22	17	1.88
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG23	17	1.88
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG21	17	1.88
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG22	17	1.88
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG23	17	1.88
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG21	17	1.88
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG22	17	1.88
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG23	17	1.88
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG11	17	1.88
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG12	17	1.88
(7,1687)	1:20:A:THR:HG21	1:134:A:VAL:HG13	17	1.88
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG11	17	1.88
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG12	17	1.88
(7,1687)	1:20:A:THR:HG22	1:134:A:VAL:HG13	17	1.88
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG11	17	1.88
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG12	17	1.88
(7,1687)	1:20:A:THR:HG23	1:134:A:VAL:HG13	17	1.88
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	13	1.88
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	13	1.88
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	13	1.88
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD21	12	1.88
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD22	12	1.88
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD23	12	1.88
(7,978)	1:35:A:LEU:HG	1:143:A:TRP:HB3	16	1.88
(6,1651)	1:134:A:VAL:HG11	1:137:A:SER:H	10	1.88
(6,1651)	1:134:A:VAL:HG12	1:137:A:SER:H	10	1.88
(6,1651)	1:134:A:VAL:HG13	1:137:A:SER:H	10	1.88
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD11	2	1.88
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD12	2	1.88
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD13	2	1.88
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD21	2	1.88
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD22	2	1.88
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD23	2	1.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1855)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	3	1.88
(5,1846)	1:9:A:PHE:HZ	1:54:A:ARG:HE	14	1.88
(5,1000)	1:95:A:ILE:HG21	1:105:A:LYS:HB2	4	1.88
(5,1000)	1:95:A:ILE:HG21	1:105:A:LYS:HB3	4	1.88
(5,1000)	1:95:A:ILE:HG22	1:105:A:LYS:HB2	4	1.88
(5,1000)	1:95:A:ILE:HG22	1:105:A:LYS:HB3	4	1.88
(5,1000)	1:95:A:ILE:HG23	1:105:A:LYS:HB2	4	1.88
(5,1000)	1:95:A:ILE:HG23	1:105:A:LYS:HB3	4	1.88
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD2	9	1.88
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD3	9	1.88
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG21	16	1.88
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG22	16	1.88
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG23	16	1.88
(5,916)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	6	1.88
(5,748)	1:43:A:MET:HE1	1:147:A:ARG:HE	1	1.88
(5,748)	1:43:A:MET:HE2	1:147:A:ARG:HE	1	1.88
(5,748)	1:43:A:MET:HE3	1:147:A:ARG:HE	1	1.88
(5,52)	1:47:A:ALA:H	1:134:A:VAL:HG11	6	1.88
(5,52)	1:47:A:ALA:H	1:134:A:VAL:HG12	6	1.88
(5,52)	1:47:A:ALA:H	1:134:A:VAL:HG13	6	1.88
(4,1808)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	3	1.88
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	13	1.88
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	13	1.88
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	13	1.88
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	13	1.88
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	13	1.88
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	13	1.88
(3,917)	1:21:A:THR:HB	1:24:A:ASP:H	4	1.88
(3,567)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	7	1.88
(3,567)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	7	1.88
(3,567)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	7	1.88
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	9	1.88
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	9	1.88
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	9	1.88
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	9	1.88
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	9	1.88
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	9	1.88
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	9	1.88
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	9	1.88
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	9	1.88
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	9	1.88
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	9	1.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	9	1.88
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	9	1.88
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	9	1.88
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	9	1.88
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	9	1.88
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	9	1.88
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	9	1.88
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	15	1.88
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	15	1.88
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	15	1.88
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	15	1.88
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	15	1.88
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	15	1.88
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB2	11	1.88
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB3	11	1.88
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB2	11	1.88
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB3	11	1.88
(2,1136)	1:10:A:ASN:HD22	1:80:A:TYR:HA	12	1.88
(1,2057)	1:31:A:PRO:HD2	1:144:A:LEU:HA	19	1.88
(1,2057)	1:31:A:PRO:HD3	1:144:A:LEU:HA	19	1.88
(1,1482)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	11	1.88
(1,1482)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	11	1.88
(1,1482)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	11	1.88
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG21	4	1.88
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG22	4	1.88
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG23	4	1.88
(1,340)	1:57:A:LEU:H	1:58:A:ILE:HG13	12	1.88
(34,1563)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	5	1.87
(34,1563)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	5	1.87
(34,1563)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	5	1.87
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD11	7	1.87
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD12	7	1.87
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD13	7	1.87
(33,229)	1:44:A:GLU:HG3	1:48:A:ARG:H	10	1.87
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG2	16	1.87
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	16	1.87
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG2	16	1.87
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	16	1.87
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD11	7	1.87
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD12	7	1.87
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD13	7	1.87
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE1	4	1.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE2	4	1.87
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE3	4	1.87
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE1	4	1.87
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE2	4	1.87
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE3	4	1.87
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE1	4	1.87
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE2	4	1.87
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE3	4	1.87
(32,1309)	1:105:A:LYS:HD2	1:106:A:ASP:HA	15	1.87
(32,1309)	1:105:A:LYS:HD3	1:106:A:ASP:HA	15	1.87
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	12	1.87
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	12	1.87
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	12	1.87
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	12	1.87
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	12	1.87
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	12	1.87
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	12	1.87
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	12	1.87
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	12	1.87
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	12	1.87
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	12	1.87
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	12	1.87
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	12	1.87
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	12	1.87
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	12	1.87
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	12	1.87
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	12	1.87
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	12	1.87
(30,1545)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	5	1.87
(30,1545)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	5	1.87
(30,1545)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	5	1.87
(30,1334)	1:105:A:LYS:HD2	1:106:A:ASP:HA	15	1.87
(30,1334)	1:105:A:LYS:HD3	1:106:A:ASP:HA	15	1.87
(29,1346)	1:105:A:LYS:HD2	1:106:A:ASP:HA	15	1.87
(29,1346)	1:105:A:LYS:HD3	1:106:A:ASP:HA	15	1.87
(29,233)	1:44:A:GLU:HG3	1:48:A:ARG:H	10	1.87
(19,20)	1:56:A:CYS:SG	1:52:A:CYS:CB	16	1.87
(19,11)	1:127:A:CYS:SG	1:56:A:CYS:CB	11	1.87
(19,6)	1:123:A:CYS:SG	1:52:A:CYS:CB	11	1.87
(19,5)	1:123:A:CYS:SG	1:127:A:CYS:CB	12	1.87
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	1	1.87
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	1	1.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	1	1.87
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD21	1	1.87
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD22	1	1.87
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD23	1	1.87
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	1	1.87
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	1	1.87
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	1	1.87
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD21	1	1.87
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD22	1	1.87
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD23	1	1.87
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD11	5	1.87
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD12	5	1.87
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD13	5	1.87
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD21	5	1.87
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD22	5	1.87
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD23	5	1.87
(18,1939)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	18	1.87
(18,1939)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	18	1.87
(18,1939)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	18	1.87
(18,1939)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	18	1.87
(18,1334)	1:105:A:LYS:HD2	1:106:A:ASP:HA	15	1.87
(18,1334)	1:105:A:LYS:HD3	1:106:A:ASP:HA	15	1.87
(18,153)	1:67:A:PRO:HD3	1:95:A:ILE:H	13	1.87
(17,1353)	1:105:A:LYS:HD2	1:106:A:ASP:HA	15	1.87
(17,1353)	1:105:A:LYS:HD3	1:106:A:ASP:HA	15	1.87
(17,1163)	1:13:A:ALA:HB1	1:80:A:TYR:HA	19	1.87
(17,1163)	1:13:A:ALA:HB2	1:80:A:TYR:HA	19	1.87
(17,1163)	1:13:A:ALA:HB3	1:80:A:TYR:HA	19	1.87
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG11	6	1.87
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG12	6	1.87
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG13	6	1.87
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG21	6	1.87
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG22	6	1.87
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG23	6	1.87
(16,2151)	1:43:A:MET:HE1	1:131:A:LEU:HB2	13	1.87
(16,2151)	1:43:A:MET:HE1	1:131:A:LEU:HB3	13	1.87
(16,2151)	1:43:A:MET:HE2	1:131:A:LEU:HB2	13	1.87
(16,2151)	1:43:A:MET:HE2	1:131:A:LEU:HB3	13	1.87
(16,2151)	1:43:A:MET:HE3	1:131:A:LEU:HB2	13	1.87
(16,2151)	1:43:A:MET:HE3	1:131:A:LEU:HB3	13	1.87
(16,2059)	1:30:A:LEU:HD11	1:79:A:THR:HA	10	1.87
(16,2059)	1:30:A:LEU:HD12	1:79:A:THR:HA	10	1.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2059)	1:30:A:LEU:HD13	1:79:A:THR:HA	10	1.87
(16,2059)	1:30:A:LEU:HD21	1:79:A:THR:HA	10	1.87
(16,2059)	1:30:A:LEU:HD22	1:79:A:THR:HA	10	1.87
(16,2059)	1:30:A:LEU:HD23	1:79:A:THR:HA	10	1.87
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD11	7	1.87
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD12	7	1.87
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD13	7	1.87
(16,1345)	1:105:A:LYS:HD2	1:106:A:ASP:HA	15	1.87
(16,1345)	1:105:A:LYS:HD3	1:106:A:ASP:HA	15	1.87
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	5	1.87
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	5	1.87
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	5	1.87
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	5	1.87
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG11	12	1.87
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG12	12	1.87
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG13	12	1.87
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG21	12	1.87
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG22	12	1.87
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG23	12	1.87
(15,1874)	1:18:A:PHE:HE1	1:61:A:SER:H	12	1.87
(15,1874)	1:18:A:PHE:HE2	1:61:A:SER:H	12	1.87
(13,1908)	1:10:A:ASN:HD21	1:80:A:TYR:HB3	17	1.87
(13,1908)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	17	1.87
(13,1313)	1:105:A:LYS:HD2	1:106:A:ASP:HA	15	1.87
(13,1313)	1:105:A:LYS:HD3	1:106:A:ASP:HA	15	1.87
(13,877)	1:13:A:ALA:H	1:80:A:TYR:HB2	14	1.87
(13,745)	1:32:A:GLY:HA2	1:34:A:LYS:H	4	1.87
(11,1569)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	5	1.87
(11,1569)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	5	1.87
(11,1569)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	5	1.87
(11,1422)	1:56:A:CYS:HA	1:120:A:CYS:HA	16	1.87
(11,227)	1:44:A:GLU:HG3	1:48:A:ARG:H	10	1.87
(9,2001)	1:17:A:ASN:HD21	1:78:A:HIS:H	1	1.87
(9,2001)	1:17:A:ASN:HD22	1:78:A:HIS:H	1	1.87
(9,1055)	1:43:A:MET:HB2	1:140:A:LEU:HG	4	1.87
(9,233)	1:44:A:GLU:HG3	1:48:A:ARG:H	10	1.87
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG11	13	1.87
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG12	13	1.87
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG13	13	1.87
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG21	13	1.87
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG22	13	1.87
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG23	13	1.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG11	13	1.87
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG12	13	1.87
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG13	13	1.87
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG21	13	1.87
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG22	13	1.87
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG23	13	1.87
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG11	13	1.87
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG12	13	1.87
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG13	13	1.87
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG21	13	1.87
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG22	13	1.87
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG23	13	1.87
(7,1611)	1:27:A:ARG:HA	1:30:A:LEU:H	8	1.87
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE1	4	1.87
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE2	4	1.87
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE3	4	1.87
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE1	4	1.87
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE2	4	1.87
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE3	4	1.87
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE1	4	1.87
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE2	4	1.87
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE3	4	1.87
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	7	1.87
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	7	1.87
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	7	1.87
(7,1321)	1:105:A:LYS:HD2	1:106:A:ASP:HA	15	1.87
(7,1321)	1:105:A:LYS:HD3	1:106:A:ASP:HA	15	1.87
(7,1133)	1:13:A:ALA:HB1	1:80:A:TYR:HA	19	1.87
(7,1133)	1:13:A:ALA:HB2	1:80:A:TYR:HA	19	1.87
(7,1133)	1:13:A:ALA:HB3	1:80:A:TYR:HA	19	1.87
(7,1036)	1:43:A:MET:HB2	1:140:A:LEU:HG	4	1.87
(6,2028)	1:17:A:ASN:HD21	1:78:A:HIS:H	1	1.87
(6,2028)	1:17:A:ASN:HD22	1:78:A:HIS:H	1	1.87
(6,1548)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	5	1.87
(6,1548)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	5	1.87
(6,1548)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	5	1.87
(5,2120)	1:40:A:LEU:HB2	1:44:A:GLU:HG3	18	1.87
(5,2120)	1:40:A:LEU:HB3	1:44:A:GLU:HG3	18	1.87
(5,1359)	1:105:A:LYS:HD2	1:106:A:ASP:HA	15	1.87
(5,1359)	1:105:A:LYS:HD3	1:106:A:ASP:HA	15	1.87
(5,1137)	1:40:A:LEU:HA	1:44:A:GLU:HG3	11	1.87
(5,1023)	1:27:A:ARG:HB3	1:29:A:LYS:HG2	2	1.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1023)	1:27:A:ARG:HB3	1:29:A:LYS:HG3	2	1.87
(5,1005)	1:14:A:VAL:HG21	1:61:A:SER:HB3	19	1.87
(5,1005)	1:14:A:VAL:HG22	1:61:A:SER:HB3	19	1.87
(5,1005)	1:14:A:VAL:HG23	1:61:A:SER:HB3	19	1.87
(4,1998)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	13	1.87
(4,1998)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	13	1.87
(4,1998)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	13	1.87
(4,1998)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	13	1.87
(4,1998)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	13	1.87
(4,1998)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	13	1.87
(4,1998)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	13	1.87
(4,1998)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	13	1.87
(4,1998)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	13	1.87
(4,1998)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	13	1.87
(4,1998)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	13	1.87
(4,1998)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	13	1.87
(4,1998)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	13	1.87
(4,1998)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	13	1.87
(4,1998)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	13	1.87
(4,1998)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	13	1.87
(4,1998)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	13	1.87
(4,1998)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	13	1.87
(4,1930)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	2	1.87
(4,1930)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	2	1.87
(4,1930)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	2	1.87
(4,1930)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	2	1.87
(4,1867)	1:18:A:PHE:HE1	1:61:A:SER:H	12	1.87
(4,1867)	1:18:A:PHE:HE2	1:61:A:SER:H	12	1.87
(4,1532)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	5	1.87
(4,1532)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	5	1.87
(4,1532)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	5	1.87
(4,1371)	1:19:A:ALA:HB1	1:132:A:ALA:HA	5	1.87
(4,1371)	1:19:A:ALA:HB2	1:132:A:ALA:HA	5	1.87
(4,1371)	1:19:A:ALA:HB3	1:132:A:ALA:HA	5	1.87
(3,2080)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	5	1.87
(3,2080)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	5	1.87
(3,2080)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	5	1.87
(3,2080)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	5	1.87
(3,2080)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	5	1.87
(3,2080)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	5	1.87
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD21	11	1.87
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD22	11	1.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD23	11	1.87
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE1	4	1.87
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE2	4	1.87
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE3	4	1.87
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE1	4	1.87
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE2	4	1.87
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE3	4	1.87
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE1	4	1.87
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE2	4	1.87
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE3	4	1.87
(3,1366)	1:105:A:LYS:HD2	1:106:A:ASP:HA	15	1.87
(3,1366)	1:105:A:LYS:HD3	1:106:A:ASP:HA	15	1.87
(3,235)	1:40:A:LEU:HD11	1:44:A:GLU:H	17	1.87
(3,235)	1:40:A:LEU:HD12	1:44:A:GLU:H	17	1.87
(3,235)	1:40:A:LEU:HD13	1:44:A:GLU:H	17	1.87
(3,230)	1:44:A:GLU:HG3	1:48:A:ARG:H	10	1.87
(3,152)	1:67:A:PRO:HD3	1:95:A:ILE:H	13	1.87
(2,1643)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	16	1.87
(2,1551)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	5	1.87
(2,1551)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	5	1.87
(2,1551)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	5	1.87
(2,1340)	1:105:A:LYS:HD2	1:106:A:ASP:HA	15	1.87
(2,1340)	1:105:A:LYS:HD3	1:106:A:ASP:HA	15	1.87
(1,2078)	1:35:A:LEU:HD11	1:144:A:LEU:H	3	1.87
(1,2078)	1:35:A:LEU:HD12	1:144:A:LEU:H	3	1.87
(1,2078)	1:35:A:LEU:HD13	1:144:A:LEU:H	3	1.87
(1,2078)	1:35:A:LEU:HD21	1:144:A:LEU:H	3	1.87
(1,2078)	1:35:A:LEU:HD22	1:144:A:LEU:H	3	1.87
(1,2078)	1:35:A:LEU:HD23	1:144:A:LEU:H	3	1.87
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG21	1	1.87
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG22	1	1.87
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG23	1	1.87
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG21	1	1.87
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG22	1	1.87
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG23	1	1.87
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG21	1	1.87
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG22	1	1.87
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG23	1	1.87
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG11	1	1.87
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG12	1	1.87
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG13	1	1.87
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG11	1	1.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG12	1	1.87
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG13	1	1.87
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG11	1	1.87
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG12	1	1.87
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG13	1	1.87
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE1	4	1.87
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE2	4	1.87
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE3	4	1.87
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE1	4	1.87
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE2	4	1.87
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE3	4	1.87
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE1	4	1.87
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE2	4	1.87
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE3	4	1.87
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	7	1.87
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	7	1.87
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	7	1.87
(1,1341)	1:105:A:LYS:HD2	1:106:A:ASP:HA	15	1.87
(1,1341)	1:105:A:LYS:HD3	1:106:A:ASP:HA	15	1.87
(1,1161)	1:13:A:ALA:HB1	1:80:A:TYR:HA	19	1.87
(1,1161)	1:13:A:ALA:HB2	1:80:A:TYR:HA	19	1.87
(1,1161)	1:13:A:ALA:HB3	1:80:A:TYR:HA	19	1.87
(1,1114)	1:31:A:PRO:HG2	1:143:A:TRP:HA	10	1.87
(1,1114)	1:31:A:PRO:HG3	1:143:A:TRP:HA	10	1.87
(1,919)	1:21:A:THR:HB	1:24:A:ASP:H	13	1.87
(1,919)	1:21:A:THR:HB	1:24:A:ASP:H	19	1.87
(34,1563)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	17	1.86
(34,1563)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	17	1.86
(34,1563)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	17	1.86
(34,1275)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	16	1.86
(34,1275)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	16	1.86
(34,1275)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	16	1.86
(34,1275)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	16	1.86
(34,1275)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	16	1.86
(34,1275)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	16	1.86
(34,908)	1:10:A:ASN:HD22	1:11:A:ILE:HB	16	1.86
(34,111)	1:69:A:MET:H	1:70:A:LYS:HG2	15	1.86
(33,1329)	1:106:A:ASP:HA	1:112:A:GLN:HE21	10	1.86
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB1	3	1.86
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB2	3	1.86
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB3	3	1.86
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	18	1.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	18	1.86
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	18	1.86
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	18	1.86
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	18	1.86
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	18	1.86
(32,1297)	1:106:A:ASP:HA	1:112:A:GLN:HE21	10	1.86
(32,1084)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	6	1.86
(32,1084)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	6	1.86
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD11	9	1.86
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD12	9	1.86
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD13	9	1.86
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD21	9	1.86
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD22	9	1.86
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD23	9	1.86
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE1	10	1.86
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE2	10	1.86
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE1	10	1.86
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE2	10	1.86
(30,1908)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	10	1.86
(30,1908)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	10	1.86
(30,1908)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	10	1.86
(30,1908)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	10	1.86
(30,1545)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	17	1.86
(30,1545)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	17	1.86
(30,1545)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	17	1.86
(29,1676)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	12	1.86
(29,1676)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	12	1.86
(29,1676)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	12	1.86
(29,1676)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	12	1.86
(29,1676)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	12	1.86
(29,1676)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	12	1.86
(29,1676)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	12	1.86
(29,1676)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	12	1.86
(29,1676)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	12	1.86
(29,660)	1:96:A:VAL:HA	1:116:A:GLN:HE22	16	1.86
(19,19)	1:56:A:CYS:SG	1:127:A:CYS:CB	11	1.86
(19,8)	1:123:A:CYS:SG	1:59:A:CYS:CB	10	1.86
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	10	1.86
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	10	1.86
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	10	1.86
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	10	1.86
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	10	1.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	10	1.86
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	10	1.86
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	10	1.86
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	10	1.86
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	10	1.86
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	10	1.86
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	10	1.86
(18,1835)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	14	1.86
(18,1835)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	14	1.86
(18,1835)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	14	1.86
(18,1835)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	14	1.86
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	16	1.86
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	16	1.86
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	16	1.86
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	16	1.86
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	5	1.86
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	5	1.86
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	5	1.86
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	5	1.86
(18,667)	1:96:A:VAL:HA	1:116:A:GLN:HE22	16	1.86
(17,2073)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	10	1.86
(17,2073)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	10	1.86
(17,2073)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	10	1.86
(17,2073)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	10	1.86
(17,2049)	1:23:A:LEU:HB2	1:146:A:GLN:HG2	5	1.86
(17,2049)	1:23:A:LEU:HB2	1:146:A:GLN:HG3	5	1.86
(17,2049)	1:23:A:LEU:HB3	1:146:A:GLN:HG2	5	1.86
(17,2049)	1:23:A:LEU:HB3	1:146:A:GLN:HG3	5	1.86
(17,1863)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	14	1.86
(17,1863)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	14	1.86
(17,1863)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	14	1.86
(17,1863)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	14	1.86
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD21	6	1.86
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD22	6	1.86
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD23	6	1.86
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD21	6	1.86
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD22	6	1.86
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD23	6	1.86
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD21	6	1.86
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD22	6	1.86
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD23	6	1.86
(17,107)	1:69:A:MET:H	1:70:A:LYS:HG2	15	1.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD11	4	1.86
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD12	4	1.86
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD13	4	1.86
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD21	4	1.86
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD22	4	1.86
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD23	4	1.86
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD11	4	1.86
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD12	4	1.86
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD13	4	1.86
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD21	4	1.86
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD22	4	1.86
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD23	4	1.86
(16,1899)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	3	1.86
(16,1899)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	14	1.86
(16,1882)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	1	1.86
(16,1882)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	1	1.86
(16,1882)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	1	1.86
(16,1882)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	1	1.86
(16,1882)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	1	1.86
(16,1882)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	1	1.86
(16,1763)	1:95:A:ILE:HB	1:97:A:ASP:HB2	5	1.86
(16,1763)	1:95:A:ILE:HB	1:97:A:ASP:HB3	5	1.86
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD11	8	1.86
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD12	8	1.86
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD13	8	1.86
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD11	8	1.86
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD12	8	1.86
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD13	8	1.86
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD11	19	1.86
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD12	19	1.86
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD13	19	1.86
(16,107)	1:69:A:MET:H	1:70:A:LYS:HG2	15	1.86
(16,54)	1:47:A:ALA:H	1:134:A:VAL:HG11	6	1.86
(16,54)	1:47:A:ALA:H	1:134:A:VAL:HG12	6	1.86
(16,54)	1:47:A:ALA:H	1:134:A:VAL:HG13	6	1.86
(15,1950)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	17	1.86
(15,1950)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	17	1.86
(15,1950)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	17	1.86
(15,1950)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	17	1.86
(15,1950)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	17	1.86
(15,1950)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	17	1.86
(15,1939)	1:11:A:ILE:HG13	1:44:A:GLU:HG2	17	1.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1939)	1:11:A:ILE:HG13	1:44:A:GLU:HG3	17	1.86
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	14	1.86
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	14	1.86
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	14	1.86
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	14	1.86
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	14	1.86
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	14	1.86
(15,1327)	1:106:A:ASP:HA	1:112:A:GLN:HE21	10	1.86
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	10	1.86
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	10	1.86
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	10	1.86
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	10	1.86
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	10	1.86
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	10	1.86
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	10	1.86
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	10	1.86
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	10	1.86
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	10	1.86
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	10	1.86
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	10	1.86
(11,1943)	1:11:A:ILE:HD11	1:18:A:PHE:HZ	15	1.86
(11,1943)	1:11:A:ILE:HD12	1:18:A:PHE:HZ	15	1.86
(11,1943)	1:11:A:ILE:HD13	1:18:A:PHE:HZ	15	1.86
(11,1569)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	17	1.86
(11,1569)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	17	1.86
(11,1569)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	17	1.86
(11,995)	1:102:A:PRO:HA	1:105:A:LYS:HD2	6	1.86
(11,995)	1:102:A:PRO:HA	1:105:A:LYS:HD3	6	1.86
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB1	3	1.86
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB2	3	1.86
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB3	3	1.86
(9,750)	1:43:A:MET:HE1	1:134:A:VAL:H	12	1.86
(9,750)	1:43:A:MET:HE2	1:134:A:VAL:H	12	1.86
(9,750)	1:43:A:MET:HE3	1:134:A:VAL:H	12	1.86
(7,1994)	1:23:A:LEU:HB2	1:146:A:GLN:HG2	5	1.86
(7,1994)	1:23:A:LEU:HB2	1:146:A:GLN:HG3	5	1.86
(7,1994)	1:23:A:LEU:HB3	1:146:A:GLN:HG2	5	1.86
(7,1994)	1:23:A:LEU:HB3	1:146:A:GLN:HG3	5	1.86
(7,1487)	1:43:A:MET:HE1	1:44:A:GLU:HA	7	1.86
(7,1487)	1:43:A:MET:HE2	1:44:A:GLU:HA	7	1.86
(7,1487)	1:43:A:MET:HE3	1:44:A:GLU:HA	7	1.86
(7,934)	1:11:A:ILE:HD11	1:12:A:VAL:HA	17	1.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,934)	1:11:A:ILE:HD12	1:12:A:VAL:HA	17	1.86
(7,934)	1:11:A:ILE:HD13	1:12:A:VAL:HA	17	1.86
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	14	1.86
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	14	1.86
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	14	1.86
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	14	1.86
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	14	1.86
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	14	1.86
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	14	1.86
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	14	1.86
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	14	1.86
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	14	1.86
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	14	1.86
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	14	1.86
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	14	1.86
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	14	1.86
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	14	1.86
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	14	1.86
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	14	1.86
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	14	1.86
(6,1548)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	17	1.86
(6,1548)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	17	1.86
(6,1548)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	17	1.86
(6,979)	1:31:A:PRO:HB2	1:144:A:LEU:HB3	6	1.86
(6,979)	1:31:A:PRO:HB3	1:144:A:LEU:HB3	6	1.86
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	5	1.86
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	5	1.86
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	5	1.86
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	5	1.86
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	14	1.86
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	14	1.86
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	14	1.86
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	14	1.86
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	14	1.86
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	14	1.86
(4,1868)	1:18:A:PHE:HE1	1:117:A:VAL:HA	13	1.86
(4,1868)	1:18:A:PHE:HE2	1:117:A:VAL:HA	13	1.86
(4,1532)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	17	1.86
(4,1532)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	17	1.86
(4,1532)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	17	1.86
(4,1371)	1:19:A:ALA:HB1	1:132:A:ALA:HA	18	1.86
(4,1371)	1:19:A:ALA:HB2	1:132:A:ALA:HA	18	1.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1371)	1:19:A:ALA:HB3	1:132:A:ALA:HA	18	1.86
(3,2044)	1:17:A:ASN:HD21	1:78:A:HIS:H	3	1.86
(3,2044)	1:17:A:ASN:HD22	1:78:A:HIS:H	3	1.86
(3,2044)	1:17:A:ASN:HD21	1:78:A:HIS:H	12	1.86
(3,2044)	1:17:A:ASN:HD22	1:78:A:HIS:H	12	1.86
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD2	17	1.86
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD3	17	1.86
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD2	17	1.86
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD3	17	1.86
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD2	17	1.86
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD3	17	1.86
(3,1040)	1:113:A:PHE:HA	1:116:A:GLN:HG3	11	1.86
(2,2076)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	10	1.86
(2,2076)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	10	1.86
(2,2076)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	10	1.86
(2,2076)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	10	1.86
(2,1551)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	17	1.86
(2,1551)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	17	1.86
(2,1551)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	17	1.86
(2,1272)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	13	1.86
(2,1272)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	13	1.86
(2,1272)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	13	1.86
(1,1521)	1:43:A:MET:HE1	1:46:A:ASN:HB2	7	1.86
(1,1521)	1:43:A:MET:HE2	1:46:A:ASN:HB2	7	1.86
(1,1521)	1:43:A:MET:HE3	1:46:A:ASN:HB2	7	1.86
(1,1332)	1:106:A:ASP:HA	1:112:A:GLN:HE21	10	1.86
(1,968)	1:11:A:ILE:HD11	1:12:A:VAL:HA	17	1.86
(1,968)	1:11:A:ILE:HD12	1:12:A:VAL:HA	17	1.86
(1,968)	1:11:A:ILE:HD13	1:12:A:VAL:HA	17	1.86
(1,662)	1:96:A:VAL:HA	1:116:A:GLN:HE22	16	1.86
(34,1977)	1:12:A:VAL:HG11	1:79:A:THR:HA	8	1.85
(34,1977)	1:12:A:VAL:HG12	1:79:A:THR:HA	8	1.85
(34,1977)	1:12:A:VAL:HG13	1:79:A:THR:HA	8	1.85
(34,1977)	1:12:A:VAL:HG21	1:79:A:THR:HA	8	1.85
(34,1977)	1:12:A:VAL:HG22	1:79:A:THR:HA	8	1.85
(34,1977)	1:12:A:VAL:HG23	1:79:A:THR:HA	8	1.85
(34,240)	1:108:A:GLU:H	1:112:A:GLN:HG2	19	1.85
(34,240)	1:108:A:GLU:H	1:112:A:GLN:HG3	19	1.85
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD11	19	1.85
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD12	19	1.85
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD13	19	1.85
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD21	19	1.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD22	19	1.85
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD23	19	1.85
(33,232)	1:108:A:GLU:H	1:112:A:GLN:HG2	19	1.85
(33,232)	1:108:A:GLU:H	1:112:A:GLN:HG3	19	1.85
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG2	1	1.85
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	1	1.85
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG2	1	1.85
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	1	1.85
(32,225)	1:108:A:GLU:H	1:112:A:GLN:HG2	19	1.85
(32,225)	1:108:A:GLU:H	1:112:A:GLN:HG3	19	1.85
(30,1953)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	6	1.85
(30,1953)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	6	1.85
(30,1953)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	6	1.85
(30,1953)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	6	1.85
(30,1912)	1:35:A:LEU:HG	1:80:A:TYR:HE1	18	1.85
(30,1912)	1:35:A:LEU:HG	1:80:A:TYR:HE2	18	1.85
(30,1908)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	19	1.85
(30,1908)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	19	1.85
(30,1908)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	19	1.85
(30,1908)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	19	1.85
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE1	9	1.85
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE2	9	1.85
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD21	15	1.85
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD22	15	1.85
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD23	15	1.85
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD21	17	1.85
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD22	17	1.85
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD23	17	1.85
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD21	17	1.85
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD22	17	1.85
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD23	17	1.85
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD21	17	1.85
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD22	17	1.85
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD23	17	1.85
(30,236)	1:108:A:GLU:H	1:112:A:GLN:HG2	19	1.85
(30,236)	1:108:A:GLU:H	1:112:A:GLN:HG3	19	1.85
(29,1259)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	16	1.85
(29,1259)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	16	1.85
(29,1259)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	16	1.85
(29,1259)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	16	1.85
(29,1259)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	16	1.85
(29,1259)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	16	1.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,236)	1:108:A:GLU:H	1:112:A:GLN:HG2	19	1.85
(29,236)	1:108:A:GLU:H	1:112:A:GLN:HG3	19	1.85
(19,20)	1:56:A:CYS:SG	1:52:A:CYS:CB	6	1.85
(19,9)	1:127:A:CYS:SG	1:123:A:CYS:CB	5	1.85
(19,8)	1:123:A:CYS:SG	1:59:A:CYS:CB	5	1.85
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	17	1.85
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	17	1.85
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	17	1.85
(18,1026)	1:79:A:THR:HG21	1:81:A:GLU:HB2	5	1.85
(18,1026)	1:79:A:THR:HG22	1:81:A:GLU:HB2	5	1.85
(18,1026)	1:79:A:THR:HG23	1:81:A:GLU:HB2	5	1.85
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	17	1.85
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	17	1.85
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	17	1.85
(17,231)	1:108:A:GLU:H	1:112:A:GLN:HG2	19	1.85
(17,231)	1:108:A:GLU:H	1:112:A:GLN:HG3	19	1.85
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	1	1.85
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	1	1.85
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	1	1.85
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	1	1.85
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	1	1.85
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	1	1.85
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD11	8	1.85
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD12	8	1.85
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD13	8	1.85
(16,1018)	1:95:A:ILE:HG21	1:105:A:LYS:HB2	13	1.85
(16,1018)	1:95:A:ILE:HG21	1:105:A:LYS:HB3	13	1.85
(16,1018)	1:95:A:ILE:HG22	1:105:A:LYS:HB2	13	1.85
(16,1018)	1:95:A:ILE:HG22	1:105:A:LYS:HB3	13	1.85
(16,1018)	1:95:A:ILE:HG23	1:105:A:LYS:HB2	13	1.85
(16,1018)	1:95:A:ILE:HG23	1:105:A:LYS:HB3	13	1.85
(16,238)	1:108:A:GLU:H	1:112:A:GLN:HG2	19	1.85
(16,238)	1:108:A:GLU:H	1:112:A:GLN:HG3	19	1.85
(15,1950)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	10	1.85
(15,1950)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	10	1.85
(15,1950)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	10	1.85
(15,1950)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	10	1.85
(15,1950)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	10	1.85
(15,1950)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	10	1.85
(15,1931)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	6	1.85
(15,1931)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	6	1.85
(15,1931)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	6	1.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1931)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	6	1.85
(15,1887)	1:35:A:LEU:HG	1:80:A:TYR:HE1	18	1.85
(15,1887)	1:35:A:LEU:HG	1:80:A:TYR:HE2	18	1.85
(15,994)	1:98:A:ILE:H	1:105:A:LYS:HD2	7	1.85
(15,994)	1:98:A:ILE:H	1:105:A:LYS:HD3	7	1.85
(15,992)	1:12:A:VAL:HB	1:40:A:LEU:H	7	1.85
(15,585)	1:148:A:CYS:HA	1:150:A:THR:H	2	1.85
(15,240)	1:108:A:GLU:H	1:112:A:GLN:HG2	19	1.85
(15,240)	1:108:A:GLU:H	1:112:A:GLN:HG3	19	1.85
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD11	5	1.85
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD12	5	1.85
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD13	5	1.85
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD21	5	1.85
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD22	5	1.85
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD23	5	1.85
(13,1934)	1:12:A:VAL:HG11	1:32:A:GLY:HA2	12	1.85
(13,1934)	1:12:A:VAL:HG12	1:32:A:GLY:HA2	12	1.85
(13,1934)	1:12:A:VAL:HG13	1:32:A:GLY:HA2	12	1.85
(13,1934)	1:12:A:VAL:HG21	1:32:A:GLY:HA2	12	1.85
(13,1934)	1:12:A:VAL:HG22	1:32:A:GLY:HA2	12	1.85
(13,1934)	1:12:A:VAL:HG23	1:32:A:GLY:HA2	12	1.85
(13,1426)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	7	1.85
(13,1426)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	7	1.85
(13,1426)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	7	1.85
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	15	1.85
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	15	1.85
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	15	1.85
(13,698)	1:44:A:GLU:HB2	1:48:A:ARG:HE	9	1.85
(13,698)	1:44:A:GLU:HB3	1:48:A:ARG:HE	9	1.85
(13,233)	1:108:A:GLU:H	1:112:A:GLN:HG2	19	1.85
(13,233)	1:108:A:GLU:H	1:112:A:GLN:HG3	19	1.85
(13,85)	1:30:A:LEU:H	1:144:A:LEU:HA	12	1.85
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD21	15	1.85
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD22	15	1.85
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD23	15	1.85
(11,1422)	1:56:A:CYS:HA	1:120:A:CYS:HA	3	1.85
(11,1422)	1:56:A:CYS:HA	1:120:A:CYS:HA	8	1.85
(11,230)	1:108:A:GLU:H	1:112:A:GLN:HG2	19	1.85
(11,230)	1:108:A:GLU:H	1:112:A:GLN:HG3	19	1.85
(9,2428)	1:144:A:LEU:HB2	1:148:A:CYS:H	17	1.85
(9,2428)	1:144:A:LEU:HB3	1:148:A:CYS:H	17	1.85
(9,238)	1:108:A:GLU:H	1:112:A:GLN:HG2	19	1.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,238)	1:108:A:GLU:H	1:112:A:GLN:HG3	19	1.85
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG11	1	1.85
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG12	1	1.85
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG13	1	1.85
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG21	1	1.85
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG22	1	1.85
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG23	1	1.85
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG11	5	1.85
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG12	5	1.85
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG13	5	1.85
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG21	5	1.85
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG22	5	1.85
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG23	5	1.85
(7,236)	1:108:A:GLU:H	1:112:A:GLN:HG2	19	1.85
(7,236)	1:108:A:GLU:H	1:112:A:GLN:HG3	19	1.85
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	17	1.85
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	17	1.85
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	17	1.85
(6,1505)	1:43:A:MET:HE1	1:46:A:ASN:HB2	2	1.85
(6,1505)	1:43:A:MET:HE2	1:46:A:ASN:HB2	2	1.85
(6,1505)	1:43:A:MET:HE3	1:46:A:ASN:HB2	2	1.85
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG21	2	1.85
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG22	2	1.85
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG23	2	1.85
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD11	9	1.85
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD12	9	1.85
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD13	9	1.85
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD11	13	1.85
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD12	13	1.85
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD13	13	1.85
(6,234)	1:108:A:GLU:H	1:112:A:GLN:HG2	19	1.85
(6,234)	1:108:A:GLU:H	1:112:A:GLN:HG3	19	1.85
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	17	1.85
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	17	1.85
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	17	1.85
(5,922)	1:108:A:GLU:HG3	1:112:A:GLN:H	11	1.85
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB1	19	1.85
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB2	19	1.85
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB3	19	1.85
(4,229)	1:108:A:GLU:H	1:112:A:GLN:HG2	19	1.85
(4,229)	1:108:A:GLU:H	1:112:A:GLN:HG3	19	1.85
(3,1996)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	14	1.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1996)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	14	1.85
(3,1996)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	14	1.85
(3,1996)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	14	1.85
(3,1996)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	14	1.85
(3,1996)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	14	1.85
(3,1996)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	14	1.85
(3,1996)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	14	1.85
(3,1996)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	14	1.85
(3,1996)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	14	1.85
(3,1996)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	14	1.85
(3,1996)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	14	1.85
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	17	1.85
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	17	1.85
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	17	1.85
(3,852)	1:48:A:ARG:HD2	1:49:A:LYS:HA	13	1.85
(3,852)	1:48:A:ARG:HD3	1:49:A:LYS:HA	13	1.85
(3,234)	1:108:A:GLU:H	1:112:A:GLN:HG2	19	1.85
(3,234)	1:108:A:GLU:H	1:112:A:GLN:HG3	19	1.85
(2,1643)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	12	1.85
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD21	15	1.85
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD22	15	1.85
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD23	15	1.85
(2,231)	1:108:A:GLU:H	1:112:A:GLN:HG2	19	1.85
(2,231)	1:108:A:GLU:H	1:112:A:GLN:HG3	19	1.85
(1,1636)	1:10:A:ASN:HB3	1:14:A:VAL:HB	9	1.85
(1,243)	1:108:A:GLU:H	1:112:A:GLN:HG2	19	1.85
(1,243)	1:108:A:GLU:H	1:112:A:GLN:HG3	19	1.85
(34,1563)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	1	1.84
(34,1563)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	1	1.84
(34,1563)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	1	1.84
(34,1263)	1:43:A:MET:HG2	1:140:A:LEU:HD11	9	1.84
(34,1263)	1:43:A:MET:HG2	1:140:A:LEU:HD12	9	1.84
(34,1263)	1:43:A:MET:HG2	1:140:A:LEU:HD13	9	1.84
(34,1094)	1:66:A:THR:HG21	1:95:A:ILE:HA	5	1.84
(34,1094)	1:66:A:THR:HG22	1:95:A:ILE:HA	5	1.84
(34,1094)	1:66:A:THR:HG23	1:95:A:ILE:HA	5	1.84
(34,908)	1:10:A:ASN:HD22	1:11:A:ILE:HB	17	1.84
(33,2068)	1:32:A:GLY:HA2	1:34:A:LYS:H	16	1.84
(33,2068)	1:32:A:GLY:HA3	1:34:A:LYS:H	16	1.84
(33,1627)	1:27:A:ARG:HA	1:30:A:LEU:H	19	1.84
(32,2038)	1:31:A:PRO:HD2	1:35:A:LEU:HG	14	1.84
(32,2038)	1:31:A:PRO:HD3	1:35:A:LEU:HG	14	1.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1707)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	16	1.84
(32,1707)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	16	1.84
(30,1545)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	1	1.84
(30,1545)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	1	1.84
(30,1545)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	1	1.84
(30,568)	1:63:A:ILE:HG21	1:116:A:GLN:H	17	1.84
(30,568)	1:63:A:ILE:HG22	1:116:A:GLN:H	17	1.84
(30,568)	1:63:A:ILE:HG23	1:116:A:GLN:H	17	1.84
(29,2079)	1:34:A:LYS:H	1:81:A:GLU:HB2	6	1.84
(29,2079)	1:34:A:LYS:H	1:81:A:GLU:HB3	6	1.84
(29,773)	1:37:A:LEU:H	1:40:A:LEU:HB3	19	1.84
(19,11)	1:127:A:CYS:SG	1:56:A:CYS:CB	4	1.84
(18,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	13	1.84
(18,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	13	1.84
(18,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	13	1.84
(18,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	13	1.84
(17,2078)	1:34:A:LYS:H	1:81:A:GLU:HB2	6	1.84
(17,2078)	1:34:A:LYS:H	1:81:A:GLU:HB3	6	1.84
(17,2075)	1:31:A:PRO:HD2	1:144:A:LEU:HA	2	1.84
(17,2075)	1:31:A:PRO:HD3	1:144:A:LEU:HA	2	1.84
(17,714)	1:44:A:GLU:HB2	1:48:A:ARG:HE	9	1.84
(17,714)	1:44:A:GLU:HB3	1:48:A:ARG:HE	9	1.84
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD11	11	1.84
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD12	11	1.84
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD13	11	1.84
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD21	11	1.84
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD22	11	1.84
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD23	11	1.84
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	19	1.84
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	19	1.84
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	19	1.84
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	19	1.84
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	19	1.84
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	19	1.84
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	19	1.84
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	19	1.84
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	19	1.84
(16,1626)	1:27:A:ARG:HA	1:30:A:LEU:H	14	1.84
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD11	18	1.84
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD12	18	1.84
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD13	18	1.84
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD11	18	1.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD12	18	1.84
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD13	18	1.84
(15,2034)	1:31:A:PRO:HD2	1:144:A:LEU:HA	2	1.84
(15,2034)	1:31:A:PRO:HD3	1:144:A:LEU:HA	2	1.84
(15,994)	1:98:A:ILE:H	1:105:A:LYS:HD2	4	1.84
(15,994)	1:98:A:ILE:H	1:105:A:LYS:HD3	4	1.84
(15,762)	1:13:A:ALA:HB1	1:34:A:LYS:H	10	1.84
(15,762)	1:13:A:ALA:HB2	1:34:A:LYS:H	10	1.84
(15,762)	1:13:A:ALA:HB3	1:34:A:LYS:H	10	1.84
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG2	15	1.84
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG3	15	1.84
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG2	15	1.84
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG3	15	1.84
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG2	15	1.84
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG3	15	1.84
(13,1315)	1:105:A:LYS:HG2	1:106:A:ASP:HA	11	1.84
(13,928)	1:11:A:ILE:HD11	1:12:A:VAL:HA	17	1.84
(13,928)	1:11:A:ILE:HD12	1:12:A:VAL:HA	17	1.84
(13,928)	1:11:A:ILE:HD13	1:12:A:VAL:HA	17	1.84
(11,2254)	1:69:A:MET:HG2	1:70:A:LYS:HE2	11	1.84
(11,2254)	1:69:A:MET:HG2	1:70:A:LYS:HE3	11	1.84
(11,2254)	1:69:A:MET:HG3	1:70:A:LYS:HE2	11	1.84
(11,2254)	1:69:A:MET:HG3	1:70:A:LYS:HE3	11	1.84
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG21	6	1.84
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG22	6	1.84
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG23	6	1.84
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG21	6	1.84
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG22	6	1.84
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG23	6	1.84
(11,1569)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	1	1.84
(11,1569)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	1	1.84
(11,1569)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	1	1.84
(11,1363)	1:105:A:LYS:HG2	1:106:A:ASP:HA	11	1.84
(7,2026)	1:31:A:PRO:HD2	1:144:A:LEU:HA	2	1.84
(7,2026)	1:31:A:PRO:HD3	1:144:A:LEU:HA	2	1.84
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG21	14	1.84
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG22	14	1.84
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG23	14	1.84
(6,1548)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	1	1.84
(6,1548)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	1	1.84
(6,1548)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	1	1.84
(6,869)	1:14:A:VAL:HA	1:18:A:PHE:HB2	6	1.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1744)	1:13:A:ALA:HA	1:79:A:THR:HG21	11	1.84
(5,1744)	1:13:A:ALA:HA	1:79:A:THR:HG22	11	1.84
(5,1744)	1:13:A:ALA:HA	1:79:A:THR:HG23	11	1.84
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	19	1.84
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	19	1.84
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	19	1.84
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	19	1.84
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	19	1.84
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	19	1.84
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	19	1.84
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	19	1.84
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	19	1.84
(5,1361)	1:105:A:LYS:HG2	1:106:A:ASP:HA	11	1.84
(5,1319)	1:66:A:THR:HG21	1:95:A:ILE:HA	4	1.84
(5,1319)	1:66:A:THR:HG22	1:95:A:ILE:HA	4	1.84
(5,1319)	1:66:A:THR:HG23	1:95:A:ILE:HA	4	1.84
(5,922)	1:108:A:GLU:HG3	1:112:A:GLN:H	17	1.84
(5,896)	1:21:A:THR:HB	1:24:A:ASP:H	13	1.84
(5,896)	1:21:A:THR:HB	1:24:A:ASP:H	19	1.84
(4,1532)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	1	1.84
(4,1532)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	1	1.84
(4,1532)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	1	1.84
(3,2087)	1:32:A:GLY:HA2	1:81:A:GLU:H	19	1.84
(3,2087)	1:32:A:GLY:HA3	1:81:A:GLU:H	19	1.84
(2,2471)	1:145:A:PRO:HB2	1:148:A:CYS:HB2	17	1.84
(2,2471)	1:145:A:PRO:HB2	1:148:A:CYS:HB3	17	1.84
(2,1551)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	1	1.84
(2,1551)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	1	1.84
(2,1551)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	1	1.84
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	15	1.84
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	15	1.84
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	15	1.84
(1,2057)	1:31:A:PRO:HD2	1:144:A:LEU:HA	2	1.84
(1,2057)	1:31:A:PRO:HD3	1:144:A:LEU:HA	2	1.84
(1,1733)	1:13:A:ALA:HA	1:79:A:THR:HG21	11	1.84
(1,1733)	1:13:A:ALA:HA	1:79:A:THR:HG22	11	1.84
(1,1733)	1:13:A:ALA:HA	1:79:A:THR:HG23	11	1.84
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	3	1.84
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	3	1.84
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	3	1.84
(1,572)	1:63:A:ILE:HG21	1:116:A:GLN:H	17	1.84
(1,572)	1:63:A:ILE:HG22	1:116:A:GLN:H	17	1.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,572)	1:63:A:ILE:HG23	1:116:A:GLN:H	17	1.84
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG11	4	1.83
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG12	4	1.83
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG13	4	1.83
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG21	4	1.83
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG22	4	1.83
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG23	4	1.83
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD11	10	1.83
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD12	10	1.83
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD13	10	1.83
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD21	10	1.83
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD22	10	1.83
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD23	10	1.83
(34,802)	1:11:A:ILE:HD11	1:14:A:VAL:HB	9	1.83
(34,802)	1:11:A:ILE:HD12	1:14:A:VAL:HB	9	1.83
(34,802)	1:11:A:ILE:HD13	1:14:A:VAL:HB	9	1.83
(34,764)	1:37:A:LEU:H	1:40:A:LEU:HB3	17	1.83
(33,2069)	1:34:A:LYS:H	1:81:A:GLU:HB2	6	1.83
(33,2069)	1:34:A:LYS:H	1:81:A:GLU:HB3	6	1.83
(33,2068)	1:32:A:GLY:HA2	1:34:A:LYS:H	4	1.83
(33,2068)	1:32:A:GLY:HA3	1:34:A:LYS:H	4	1.83
(32,2485)	1:144:A:LEU:HB3	1:146:A:GLN:HG2	16	1.83
(32,2485)	1:144:A:LEU:HB3	1:146:A:GLN:HG3	16	1.83
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG2	1	1.83
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG3	1	1.83
(32,1611)	1:132:A:ALA:HA	1:134:A:VAL:HG21	19	1.83
(32,1611)	1:132:A:ALA:HA	1:134:A:VAL:HG22	19	1.83
(32,1611)	1:132:A:ALA:HA	1:134:A:VAL:HG23	19	1.83
(32,1213)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	13	1.83
(32,1213)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	13	1.83
(32,1213)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	13	1.83
(32,1213)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	13	1.83
(32,1213)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	13	1.83
(32,1213)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	13	1.83
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE1	6	1.83
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE2	6	1.83
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE1	6	1.83
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE2	6	1.83
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE1	6	1.83
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE2	6	1.83
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	15	1.83
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	15	1.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	15	1.83
(30,1374)	1:132:A:ALA:HA	1:134:A:VAL:HG21	19	1.83
(30,1374)	1:132:A:ALA:HA	1:134:A:VAL:HG22	19	1.83
(30,1374)	1:132:A:ALA:HA	1:134:A:VAL:HG23	19	1.83
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD21	17	1.83
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD22	17	1.83
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD23	17	1.83
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD21	17	1.83
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD22	17	1.83
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD23	17	1.83
(30,580)	1:126:A:GLY:H	1:129:A:LYS:HG2	8	1.83
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	2	1.83
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	2	1.83
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	2	1.83
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	2	1.83
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	2	1.83
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	2	1.83
(29,1383)	1:132:A:ALA:HA	1:134:A:VAL:HG21	19	1.83
(29,1383)	1:132:A:ALA:HA	1:134:A:VAL:HG22	19	1.83
(29,1383)	1:132:A:ALA:HA	1:134:A:VAL:HG23	19	1.83
(29,773)	1:37:A:LEU:H	1:40:A:LEU:HB3	11	1.83
(29,586)	1:126:A:GLY:H	1:129:A:LYS:HG2	8	1.83
(18,1036)	1:113:A:PHE:HA	1:116:A:GLN:HG3	1	1.83
(17,1754)	1:31:A:PRO:HB2	1:35:A:LEU:HA	15	1.83
(17,1754)	1:31:A:PRO:HB3	1:35:A:LEU:HA	15	1.83
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	2	1.83
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	2	1.83
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	2	1.83
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	2	1.83
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	2	1.83
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	2	1.83
(17,982)	1:47:A:ALA:HB1	1:134:A:VAL:HB	11	1.83
(17,982)	1:47:A:ALA:HB2	1:134:A:VAL:HB	11	1.83
(17,982)	1:47:A:ALA:HB3	1:134:A:VAL:HB	11	1.83
(17,436)	1:68:A:LYS:H	1:70:A:LYS:HG2	6	1.83
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG2	9	1.83
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG3	9	1.83
(16,1380)	1:132:A:ALA:HA	1:134:A:VAL:HG21	19	1.83
(16,1380)	1:132:A:ALA:HA	1:134:A:VAL:HG22	19	1.83
(16,1380)	1:132:A:ALA:HA	1:134:A:VAL:HG23	19	1.83
(16,445)	1:68:A:LYS:H	1:70:A:LYS:HG2	6	1.83
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	19	1.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	19	1.83
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	19	1.83
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	19	1.83
(15,1649)	1:132:A:ALA:HA	1:134:A:VAL:HG21	19	1.83
(15,1649)	1:132:A:ALA:HA	1:134:A:VAL:HG22	19	1.83
(15,1649)	1:132:A:ALA:HA	1:134:A:VAL:HG23	19	1.83
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	2	1.83
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	2	1.83
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	2	1.83
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	2	1.83
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	2	1.83
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	2	1.83
(15,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	3	1.83
(15,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	3	1.83
(15,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	3	1.83
(15,801)	1:11:A:ILE:HD11	1:14:A:VAL:HB	9	1.83
(15,801)	1:11:A:ILE:HD12	1:14:A:VAL:HB	9	1.83
(15,801)	1:11:A:ILE:HD13	1:14:A:VAL:HB	9	1.83
(13,1315)	1:105:A:LYS:HG2	1:106:A:ASP:HA	5	1.83
(13,1315)	1:105:A:LYS:HG2	1:106:A:ASP:HA	19	1.83
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	15	1.83
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	15	1.83
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	15	1.83
(13,877)	1:13:A:ALA:H	1:80:A:TYR:HB2	3	1.83
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD11	19	1.83
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD12	19	1.83
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD13	19	1.83
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD11	19	1.83
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD12	19	1.83
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD13	19	1.83
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	5	1.83
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	5	1.83
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	5	1.83
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	5	1.83
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	5	1.83
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	5	1.83
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	5	1.83
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	5	1.83
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	5	1.83
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	5	1.83
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	5	1.83
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	5	1.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	5	1.83
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	5	1.83
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	5	1.83
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	5	1.83
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	5	1.83
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	5	1.83
(11,1363)	1:105:A:LYS:HG2	1:106:A:ASP:HA	5	1.83
(11,1363)	1:105:A:LYS:HG2	1:106:A:ASP:HA	19	1.83
(11,795)	1:11:A:ILE:HD11	1:14:A:VAL:HB	9	1.83
(11,795)	1:11:A:ILE:HD12	1:14:A:VAL:HB	9	1.83
(11,795)	1:11:A:ILE:HD13	1:14:A:VAL:HB	9	1.83
(9,1644)	1:132:A:ALA:HA	1:134:A:VAL:HG21	19	1.83
(9,1644)	1:132:A:ALA:HA	1:134:A:VAL:HG22	19	1.83
(9,1644)	1:132:A:ALA:HA	1:134:A:VAL:HG23	19	1.83
(9,757)	1:37:A:LEU:H	1:40:A:LEU:HB3	17	1.83
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	2	1.83
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	2	1.83
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	2	1.83
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	2	1.83
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	2	1.83
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	2	1.83
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE1	14	1.83
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE2	14	1.83
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE3	14	1.83
(7,1362)	1:12:A:VAL:HG21	1:13:A:ALA:HA	19	1.83
(7,1362)	1:12:A:VAL:HG22	1:13:A:ALA:HA	19	1.83
(7,1362)	1:12:A:VAL:HG23	1:13:A:ALA:HA	19	1.83
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	2	1.83
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	2	1.83
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	2	1.83
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	2	1.83
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	2	1.83
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	2	1.83
(5,1395)	1:132:A:ALA:HA	1:134:A:VAL:HG21	19	1.83
(5,1395)	1:132:A:ALA:HA	1:134:A:VAL:HG22	19	1.83
(5,1395)	1:132:A:ALA:HA	1:134:A:VAL:HG23	19	1.83
(5,1361)	1:105:A:LYS:HG2	1:106:A:ASP:HA	5	1.83
(5,1361)	1:105:A:LYS:HG2	1:106:A:ASP:HA	19	1.83
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG21	11	1.83
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG22	11	1.83
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG23	11	1.83
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD21	2	1.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD22	2	1.83
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD23	2	1.83
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	2	1.83
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	2	1.83
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	2	1.83
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	2	1.83
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	2	1.83
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	2	1.83
(3,1689)	1:69:A:MET:HE1	1:116:A:GLN:HG3	9	1.83
(3,1689)	1:69:A:MET:HE2	1:116:A:GLN:HG3	9	1.83
(3,1689)	1:69:A:MET:HE3	1:116:A:GLN:HG3	9	1.83
(3,1643)	1:22:A:ASP:H	1:24:A:ASP:HA	7	1.83
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	2	1.83
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	2	1.83
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	2	1.83
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	2	1.83
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	2	1.83
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	2	1.83
(3,807)	1:11:A:ILE:HD11	1:43:A:MET:HG3	5	1.83
(3,807)	1:11:A:ILE:HD12	1:43:A:MET:HG3	5	1.83
(3,807)	1:11:A:ILE:HD13	1:43:A:MET:HG3	5	1.83
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG11	19	1.83
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG12	19	1.83
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG13	19	1.83
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG21	19	1.83
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG22	19	1.83
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG23	19	1.83
(2,1756)	1:31:A:PRO:HB2	1:35:A:LEU:HA	15	1.83
(2,1756)	1:31:A:PRO:HB3	1:35:A:LEU:HA	15	1.83
(2,791)	1:11:A:ILE:HD11	1:14:A:VAL:HB	9	1.83
(2,791)	1:11:A:ILE:HD12	1:14:A:VAL:HB	9	1.83
(2,791)	1:11:A:ILE:HD13	1:14:A:VAL:HB	9	1.83
(2,754)	1:37:A:LEU:H	1:40:A:LEU:HB3	17	1.83
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	9	1.83
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	9	1.83
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	9	1.83
(1,1035)	1:113:A:PHE:HA	1:116:A:GLN:HG3	1	1.83
(1,772)	1:37:A:LEU:H	1:40:A:LEU:HB3	17	1.83
(34,1977)	1:12:A:VAL:HG11	1:79:A:THR:HA	19	1.82
(34,1977)	1:12:A:VAL:HG12	1:79:A:THR:HA	19	1.82
(34,1977)	1:12:A:VAL:HG13	1:79:A:THR:HA	19	1.82
(34,1977)	1:12:A:VAL:HG21	1:79:A:THR:HA	19	1.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1977)	1:12:A:VAL:HG22	1:79:A:THR:HA	19	1.82
(34,1977)	1:12:A:VAL:HG23	1:79:A:THR:HA	19	1.82
(32,2038)	1:31:A:PRO:HD2	1:35:A:LEU:HG	16	1.82
(32,2038)	1:31:A:PRO:HD3	1:35:A:LEU:HG	16	1.82
(32,1914)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	7	1.82
(32,1914)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	7	1.82
(32,1914)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	7	1.82
(32,1914)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	7	1.82
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	7	1.82
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	7	1.82
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	7	1.82
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	7	1.82
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	7	1.82
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	7	1.82
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	5	1.82
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	5	1.82
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	5	1.82
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	5	1.82
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	5	1.82
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	5	1.82
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	5	1.82
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	5	1.82
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	5	1.82
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	5	1.82
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	5	1.82
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	5	1.82
(30,1496)	1:114:A:ILE:HG21	1:117:A:VAL:HB	2	1.82
(30,1496)	1:114:A:ILE:HG22	1:117:A:VAL:HB	2	1.82
(30,1496)	1:114:A:ILE:HG23	1:117:A:VAL:HB	2	1.82
(30,783)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	11	1.82
(30,783)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	11	1.82
(30,783)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	11	1.82
(30,783)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	11	1.82
(30,783)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	11	1.82
(30,783)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	11	1.82
(30,66)	1:33:A:LYS:HB2	1:81:A:GLU:H	18	1.82
(30,66)	1:33:A:LYS:HB3	1:81:A:GLU:H	18	1.82
(29,1680)	1:69:A:MET:HE1	1:116:A:GLN:HG3	11	1.82
(29,1680)	1:69:A:MET:HE2	1:116:A:GLN:HG3	11	1.82
(29,1680)	1:69:A:MET:HE3	1:116:A:GLN:HG3	11	1.82
(29,1507)	1:114:A:ILE:HG21	1:117:A:VAL:HB	2	1.82
(29,1507)	1:114:A:ILE:HG22	1:117:A:VAL:HB	2	1.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1507)	1:114:A:ILE:HG23	1:117:A:VAL:HB	2	1.82
(29,1392)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	3	1.82
(29,1392)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	3	1.82
(29,1392)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	3	1.82
(19,9)	1:127:A:CYS:SG	1:123:A:CYS:CB	1	1.82
(18,1268)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	7	1.82
(18,1268)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	7	1.82
(18,1268)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	7	1.82
(18,1268)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	7	1.82
(18,1268)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	7	1.82
(18,1268)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	7	1.82
(18,1036)	1:113:A:PHE:HA	1:116:A:GLN:HG3	9	1.82
(18,908)	1:67:A:PRO:HD3	1:95:A:ILE:HB	18	1.82
(17,1915)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	7	1.82
(17,1915)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	7	1.82
(17,1915)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	7	1.82
(17,1915)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	7	1.82
(17,1772)	1:39:A:VAL:HB	1:139:A:LEU:HA	11	1.82
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD21	17	1.82
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD22	17	1.82
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD23	17	1.82
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG2	11	1.82
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG3	11	1.82
(16,1180)	1:39:A:VAL:HA	1:140:A:LEU:HD21	13	1.82
(16,1180)	1:39:A:VAL:HA	1:140:A:LEU:HD22	13	1.82
(16,1180)	1:39:A:VAL:HA	1:140:A:LEU:HD23	13	1.82
(15,1950)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	2	1.82
(15,1950)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	2	1.82
(15,1950)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	2	1.82
(15,1950)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	2	1.82
(15,1950)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	2	1.82
(15,1950)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	2	1.82
(15,1874)	1:18:A:PHE:HE1	1:61:A:SER:H	17	1.82
(15,1874)	1:18:A:PHE:HE2	1:61:A:SER:H	17	1.82
(15,1490)	1:114:A:ILE:HG21	1:117:A:VAL:HB	2	1.82
(15,1490)	1:114:A:ILE:HG22	1:117:A:VAL:HB	2	1.82
(15,1490)	1:114:A:ILE:HG23	1:117:A:VAL:HB	2	1.82
(15,585)	1:148:A:CYS:HA	1:150:A:THR:H	15	1.82
(15,70)	1:33:A:LYS:HB2	1:81:A:GLU:H	18	1.82
(15,70)	1:33:A:LYS:HB3	1:81:A:GLU:H	18	1.82
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE1	5	1.82
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE2	5	1.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1669)	1:31:A:PRO:HB2	1:43:A:MET:HE3	5	1.82
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE1	5	1.82
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE2	5	1.82
(13,1669)	1:31:A:PRO:HB3	1:43:A:MET:HE3	5	1.82
(13,1596)	1:12:A:VAL:HA	1:80:A:TYR:HB3	10	1.82
(13,1315)	1:105:A:LYS:HG2	1:106:A:ASP:HA	6	1.82
(13,1315)	1:105:A:LYS:HG2	1:106:A:ASP:HA	8	1.82
(13,1315)	1:105:A:LYS:HG2	1:106:A:ASP:HA	18	1.82
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD11	10	1.82
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD12	10	1.82
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD13	10	1.82
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD21	10	1.82
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD22	10	1.82
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD23	10	1.82
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD11	10	1.82
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD12	10	1.82
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD13	10	1.82
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD21	10	1.82
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD22	10	1.82
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD23	10	1.82
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD21	13	1.82
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD22	13	1.82
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD23	13	1.82
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD21	13	1.82
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD22	13	1.82
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD23	13	1.82
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD21	13	1.82
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD22	13	1.82
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD23	13	1.82
(11,1363)	1:105:A:LYS:HG2	1:106:A:ASP:HA	6	1.82
(11,1363)	1:105:A:LYS:HG2	1:106:A:ASP:HA	8	1.82
(11,1363)	1:105:A:LYS:HG2	1:106:A:ASP:HA	18	1.82
(9,1267)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	7	1.82
(9,1267)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	7	1.82
(9,1267)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	7	1.82
(9,1267)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	7	1.82
(9,1267)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	7	1.82
(9,1267)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	7	1.82
(9,1176)	1:39:A:VAL:HA	1:140:A:LEU:HD21	13	1.82
(9,1176)	1:39:A:VAL:HA	1:140:A:LEU:HD22	13	1.82
(9,1176)	1:39:A:VAL:HA	1:140:A:LEU:HD23	13	1.82
(7,1997)	1:23:A:LEU:HD11	1:27:A:ARG:HA	14	1.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1997)	1:23:A:LEU:HD12	1:27:A:ARG:HA	14	1.82
(7,1997)	1:23:A:LEU:HD13	1:27:A:ARG:HA	14	1.82
(7,1997)	1:23:A:LEU:HD21	1:27:A:ARG:HA	14	1.82
(7,1997)	1:23:A:LEU:HD22	1:27:A:ARG:HA	14	1.82
(7,1997)	1:23:A:LEU:HD23	1:27:A:ARG:HA	14	1.82
(7,1905)	1:10:A:ASN:HB2	1:79:A:THR:HB	12	1.82
(7,1905)	1:10:A:ASN:HB3	1:79:A:THR:HB	12	1.82
(7,1479)	1:114:A:ILE:HG21	1:117:A:VAL:HB	2	1.82
(7,1479)	1:114:A:ILE:HG22	1:117:A:VAL:HB	2	1.82
(7,1479)	1:114:A:ILE:HG23	1:117:A:VAL:HB	2	1.82
(7,1362)	1:12:A:VAL:HG21	1:13:A:ALA:HA	7	1.82
(7,1362)	1:12:A:VAL:HG22	1:13:A:ALA:HA	7	1.82
(7,1362)	1:12:A:VAL:HG23	1:13:A:ALA:HA	7	1.82
(7,1362)	1:12:A:VAL:HG21	1:13:A:ALA:HA	8	1.82
(7,1362)	1:12:A:VAL:HG22	1:13:A:ALA:HA	8	1.82
(7,1362)	1:12:A:VAL:HG23	1:13:A:ALA:HA	8	1.82
(7,1362)	1:12:A:VAL:HG21	1:13:A:ALA:HA	15	1.82
(7,1362)	1:12:A:VAL:HG22	1:13:A:ALA:HA	15	1.82
(7,1362)	1:12:A:VAL:HG23	1:13:A:ALA:HA	15	1.82
(7,1153)	1:39:A:VAL:HA	1:140:A:LEU:HD21	13	1.82
(7,1153)	1:39:A:VAL:HA	1:140:A:LEU:HD22	13	1.82
(7,1153)	1:39:A:VAL:HA	1:140:A:LEU:HD23	13	1.82
(7,835)	1:43:A:MET:HE1	1:131:A:LEU:HB3	2	1.82
(7,835)	1:43:A:MET:HE2	1:131:A:LEU:HB3	2	1.82
(7,835)	1:43:A:MET:HE3	1:131:A:LEU:HB3	2	1.82
(7,835)	1:43:A:MET:HE1	1:131:A:LEU:HB3	16	1.82
(7,835)	1:43:A:MET:HE2	1:131:A:LEU:HB3	16	1.82
(7,835)	1:43:A:MET:HE3	1:131:A:LEU:HB3	16	1.82
(7,785)	1:11:A:ILE:HD11	1:14:A:VAL:HB	9	1.82
(7,785)	1:11:A:ILE:HD12	1:14:A:VAL:HB	9	1.82
(7,785)	1:11:A:ILE:HD13	1:14:A:VAL:HB	9	1.82
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE1	10	1.82
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE2	10	1.82
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE1	10	1.82
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE2	10	1.82
(6,1959)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	7	1.82
(6,1959)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	7	1.82
(6,1959)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	7	1.82
(6,1959)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	7	1.82
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	3	1.82
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	3	1.82
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	3	1.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	3	1.82
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	3	1.82
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	3	1.82
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	3	1.82
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	3	1.82
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	3	1.82
(6,956)	1:11:A:ILE:HG13	1:14:A:VAL:HB	14	1.82
(5,1361)	1:105:A:LYS:HG2	1:106:A:ASP:HA	6	1.82
(5,1361)	1:105:A:LYS:HG2	1:106:A:ASP:HA	8	1.82
(5,1361)	1:105:A:LYS:HG2	1:106:A:ASP:HA	18	1.82
(5,27)	1:13:A:ALA:H	1:14:A:VAL:HB	14	1.82
(4,1867)	1:18:A:PHE:HE1	1:61:A:SER:H	17	1.82
(4,1867)	1:18:A:PHE:HE2	1:61:A:SER:H	17	1.82
(4,1478)	1:114:A:ILE:HG21	1:117:A:VAL:HB	2	1.82
(4,1478)	1:114:A:ILE:HG22	1:117:A:VAL:HB	2	1.82
(4,1478)	1:114:A:ILE:HG23	1:117:A:VAL:HB	2	1.82
(4,1436)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	7	1.82
(4,1436)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	7	1.82
(4,1436)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	7	1.82
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD21	4	1.82
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD22	4	1.82
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD23	4	1.82
(3,1481)	1:13:A:ALA:HB1	1:78:A:HIS:HA	16	1.82
(3,1481)	1:13:A:ALA:HB2	1:78:A:HIS:HA	16	1.82
(3,1481)	1:13:A:ALA:HB3	1:78:A:HIS:HA	16	1.82
(3,861)	1:43:A:MET:HE1	1:144:A:LEU:HB2	5	1.82
(3,861)	1:43:A:MET:HE2	1:144:A:LEU:HB2	5	1.82
(3,861)	1:43:A:MET:HE3	1:144:A:LEU:HB2	5	1.82
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG11	6	1.82
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG12	6	1.82
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG13	6	1.82
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG21	6	1.82
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG22	6	1.82
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG23	6	1.82
(2,1645)	1:12:A:VAL:HA	1:80:A:TYR:HB3	10	1.82
(2,1500)	1:114:A:ILE:HG21	1:117:A:VAL:HB	2	1.82
(2,1500)	1:114:A:ILE:HG22	1:117:A:VAL:HB	2	1.82
(2,1500)	1:114:A:ILE:HG23	1:117:A:VAL:HB	2	1.82
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	15	1.82
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	15	1.82
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	15	1.82
(1,1507)	1:114:A:ILE:HG21	1:117:A:VAL:HB	2	1.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1507)	1:114:A:ILE:HG22	1:117:A:VAL:HB	2	1.82
(1,1507)	1:114:A:ILE:HG23	1:117:A:VAL:HB	2	1.82
(1,1035)	1:113:A:PHE:HA	1:116:A:GLN:HG3	9	1.82
(1,919)	1:21:A:THR:HB	1:24:A:ASP:H	2	1.82
(1,919)	1:21:A:THR:HB	1:24:A:ASP:H	7	1.82
(1,803)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	11	1.82
(1,803)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	11	1.82
(1,803)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	11	1.82
(1,803)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	11	1.82
(1,803)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	11	1.82
(1,803)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	11	1.82
(1,30)	1:13:A:ALA:H	1:14:A:VAL:HB	14	1.82
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD11	10	1.81
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD12	10	1.81
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD13	10	1.81
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD21	10	1.81
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD22	10	1.81
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD23	10	1.81
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD11	14	1.81
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD12	14	1.81
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD13	14	1.81
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD21	14	1.81
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD22	14	1.81
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD23	14	1.81
(34,1064)	1:11:A:ILE:HB	1:44:A:GLU:HB2	10	1.81
(34,1064)	1:11:A:ILE:HB	1:44:A:GLU:HB3	10	1.81
(33,2500)	1:144:A:LEU:HD11	1:148:A:CYS:H	7	1.81
(33,2500)	1:144:A:LEU:HD12	1:148:A:CYS:H	7	1.81
(33,2500)	1:144:A:LEU:HD13	1:148:A:CYS:H	7	1.81
(33,2500)	1:144:A:LEU:HD21	1:148:A:CYS:H	7	1.81
(33,2500)	1:144:A:LEU:HD22	1:148:A:CYS:H	7	1.81
(33,2500)	1:144:A:LEU:HD23	1:148:A:CYS:H	7	1.81
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	18	1.81
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	18	1.81
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	18	1.81
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	18	1.81
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	18	1.81
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	18	1.81
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	18	1.81
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	18	1.81
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	18	1.81
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	18	1.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	18	1.81
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	18	1.81
(32,1707)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	8	1.81
(32,1707)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	8	1.81
(32,1084)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	14	1.81
(32,1084)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	14	1.81
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD11	10	1.81
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD12	10	1.81
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD13	10	1.81
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD21	10	1.81
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD22	10	1.81
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD23	10	1.81
(30,482)	1:145:A:PRO:HB2	1:148:A:CYS:H	14	1.81
(29,2445)	1:144:A:LEU:HD11	1:148:A:CYS:H	7	1.81
(29,2445)	1:144:A:LEU:HD12	1:148:A:CYS:H	7	1.81
(29,2445)	1:144:A:LEU:HD13	1:148:A:CYS:H	7	1.81
(29,2445)	1:144:A:LEU:HD21	1:148:A:CYS:H	7	1.81
(29,2445)	1:144:A:LEU:HD22	1:148:A:CYS:H	7	1.81
(29,2445)	1:144:A:LEU:HD23	1:148:A:CYS:H	7	1.81
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD11	19	1.81
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD12	19	1.81
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD13	19	1.81
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD21	19	1.81
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD22	19	1.81
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD23	19	1.81
(29,1392)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	15	1.81
(29,1392)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	15	1.81
(29,1392)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	15	1.81
(19,9)	1:127:A:CYS:SG	1:123:A:CYS:CB	7	1.81
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD11	10	1.81
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD12	10	1.81
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD13	10	1.81
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD21	10	1.81
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD22	10	1.81
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD23	10	1.81
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD11	14	1.81
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD12	14	1.81
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD13	14	1.81
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD21	14	1.81
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD22	14	1.81
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD23	14	1.81
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	18	1.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	18	1.81
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	18	1.81
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	18	1.81
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	18	1.81
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	18	1.81
(18,1461)	1:67:A:PRO:HD3	1:95:A:ILE:HA	13	1.81
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD2	16	1.81
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD3	16	1.81
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD2	16	1.81
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD3	16	1.81
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD2	16	1.81
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD3	16	1.81
(17,1488)	1:67:A:PRO:HD3	1:95:A:ILE:HA	13	1.81
(17,853)	1:43:A:MET:HE1	1:144:A:LEU:HB3	16	1.81
(17,853)	1:43:A:MET:HE2	1:144:A:LEU:HB3	16	1.81
(17,853)	1:43:A:MET:HE3	1:144:A:LEU:HB3	16	1.81
(17,853)	1:43:A:MET:HE1	1:144:A:LEU:HB2	16	1.81
(17,853)	1:43:A:MET:HE2	1:144:A:LEU:HB2	16	1.81
(17,853)	1:43:A:MET:HE3	1:144:A:LEU:HB2	16	1.81
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD11	14	1.81
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD12	14	1.81
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD13	14	1.81
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD21	14	1.81
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD22	14	1.81
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD23	14	1.81
(16,1617)	1:31:A:PRO:HG2	1:80:A:TYR:HB3	5	1.81
(16,1617)	1:31:A:PRO:HG3	1:80:A:TYR:HB3	5	1.81
(15,2490)	1:144:A:LEU:HB2	1:148:A:CYS:H	7	1.81
(15,2490)	1:144:A:LEU:HB3	1:148:A:CYS:H	7	1.81
(15,1950)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	18	1.81
(15,1950)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	18	1.81
(15,1950)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	18	1.81
(15,1950)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	18	1.81
(15,1950)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	18	1.81
(15,1950)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	18	1.81
(15,1874)	1:18:A:PHE:HE1	1:61:A:SER:H	19	1.81
(15,1874)	1:18:A:PHE:HE2	1:61:A:SER:H	19	1.81
(15,1499)	1:98:A:ILE:HG21	1:116:A:GLN:HG3	17	1.81
(15,1499)	1:98:A:ILE:HG22	1:116:A:GLN:HG3	17	1.81
(15,1499)	1:98:A:ILE:HG23	1:116:A:GLN:HG3	17	1.81
(15,1041)	1:11:A:ILE:HB	1:44:A:GLU:HB2	10	1.81
(15,1041)	1:11:A:ILE:HB	1:44:A:GLU:HB3	10	1.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,585)	1:148:A:CYS:HA	1:150:A:THR:H	17	1.81
(15,448)	1:76:A:ARG:H	1:77:A:CYS:HB2	8	1.81
(15,267)	1:27:A:ARG:HB3	1:29:A:LYS:H	9	1.81
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD11	10	1.81
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD12	10	1.81
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD13	10	1.81
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD21	10	1.81
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD22	10	1.81
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD23	10	1.81
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD11	14	1.81
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD12	14	1.81
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD13	14	1.81
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD21	14	1.81
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD22	14	1.81
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD23	14	1.81
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	18	1.81
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	18	1.81
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	18	1.81
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	18	1.81
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	18	1.81
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	18	1.81
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	18	1.81
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	18	1.81
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	18	1.81
(13,568)	1:11:A:ILE:HD11	1:16:A:SER:H	14	1.81
(13,568)	1:11:A:ILE:HD12	1:16:A:SER:H	14	1.81
(13,568)	1:11:A:ILE:HD13	1:16:A:SER:H	14	1.81
(13,85)	1:30:A:LEU:H	1:144:A:LEU:HA	6	1.81
(11,2177)	1:46:A:ASN:HD21	1:131:A:LEU:HA	1	1.81
(11,2177)	1:46:A:ASN:HD22	1:131:A:LEU:HA	1	1.81
(11,1943)	1:11:A:ILE:HD11	1:18:A:PHE:HZ	17	1.81
(11,1943)	1:11:A:ILE:HD12	1:18:A:PHE:HZ	17	1.81
(11,1943)	1:11:A:ILE:HD13	1:18:A:PHE:HZ	17	1.81
(9,2433)	1:144:A:LEU:HD11	1:148:A:CYS:H	7	1.81
(9,2433)	1:144:A:LEU:HD12	1:148:A:CYS:H	7	1.81
(9,2433)	1:144:A:LEU:HD13	1:148:A:CYS:H	7	1.81
(9,2433)	1:144:A:LEU:HD21	1:148:A:CYS:H	7	1.81
(9,2433)	1:144:A:LEU:HD22	1:148:A:CYS:H	7	1.81
(9,2433)	1:144:A:LEU:HD23	1:148:A:CYS:H	7	1.81
(9,2001)	1:17:A:ASN:HD21	1:78:A:HIS:H	3	1.81
(9,2001)	1:17:A:ASN:HD22	1:78:A:HIS:H	3	1.81
(9,2001)	1:17:A:ASN:HD21	1:78:A:HIS:H	12	1.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2001)	1:17:A:ASN:HD22	1:78:A:HIS:H	12	1.81
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD21	5	1.81
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD22	5	1.81
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD23	5	1.81
(9,1033)	1:11:A:ILE:HB	1:44:A:GLU:HB2	10	1.81
(9,1033)	1:11:A:ILE:HB	1:44:A:GLU:HB3	10	1.81
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	14	1.81
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	14	1.81
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	14	1.81
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	14	1.81
(7,1362)	1:12:A:VAL:HG21	1:13:A:ALA:HA	1	1.81
(7,1362)	1:12:A:VAL:HG22	1:13:A:ALA:HA	1	1.81
(7,1362)	1:12:A:VAL:HG23	1:13:A:ALA:HA	1	1.81
(7,484)	1:145:A:PRO:HB3	1:148:A:CYS:H	17	1.81
(6,2028)	1:17:A:ASN:HD21	1:78:A:HIS:H	3	1.81
(6,2028)	1:17:A:ASN:HD22	1:78:A:HIS:H	3	1.81
(6,2028)	1:17:A:ASN:HD21	1:78:A:HIS:H	12	1.81
(6,2028)	1:17:A:ASN:HD22	1:78:A:HIS:H	12	1.81
(5,2474)	1:144:A:LEU:HD11	1:148:A:CYS:H	7	1.81
(5,2474)	1:144:A:LEU:HD12	1:148:A:CYS:H	7	1.81
(5,2474)	1:144:A:LEU:HD13	1:148:A:CYS:H	7	1.81
(5,2474)	1:144:A:LEU:HD21	1:148:A:CYS:H	7	1.81
(5,2474)	1:144:A:LEU:HD22	1:148:A:CYS:H	7	1.81
(5,2474)	1:144:A:LEU:HD23	1:148:A:CYS:H	7	1.81
(5,1319)	1:66:A:THR:HG21	1:95:A:ILE:HA	16	1.81
(5,1319)	1:66:A:THR:HG22	1:95:A:ILE:HA	16	1.81
(5,1319)	1:66:A:THR:HG23	1:95:A:ILE:HA	16	1.81
(5,569)	1:11:A:ILE:HD11	1:16:A:SER:H	14	1.81
(5,569)	1:11:A:ILE:HD12	1:16:A:SER:H	14	1.81
(5,569)	1:11:A:ILE:HD13	1:16:A:SER:H	14	1.81
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD11	10	1.81
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD12	10	1.81
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD13	10	1.81
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD21	10	1.81
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD22	10	1.81
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD23	10	1.81
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD11	14	1.81
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD12	14	1.81
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD13	14	1.81
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD21	14	1.81
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD22	14	1.81
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD23	14	1.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1867)	1:18:A:PHE:HE1	1:61:A:SER:H	19	1.81
(4,1867)	1:18:A:PHE:HE2	1:61:A:SER:H	19	1.81
(4,1151)	1:136:A:CYS:HA	1:140:A:LEU:HD21	12	1.81
(4,1151)	1:136:A:CYS:HA	1:140:A:LEU:HD22	12	1.81
(4,1151)	1:136:A:CYS:HA	1:140:A:LEU:HD23	12	1.81
(4,43)	1:98:A:ILE:H	1:104:A:PHE:HB2	16	1.81
(2,2471)	1:145:A:PRO:HB2	1:148:A:CYS:HB2	14	1.81
(2,2471)	1:145:A:PRO:HB2	1:148:A:CYS:HB3	14	1.81
(2,1163)	1:136:A:CYS:HA	1:140:A:LEU:HD21	12	1.81
(2,1163)	1:136:A:CYS:HA	1:140:A:LEU:HD22	12	1.81
(2,1163)	1:136:A:CYS:HA	1:140:A:LEU:HD23	12	1.81
(2,1031)	1:11:A:ILE:HB	1:44:A:GLU:HB2	10	1.81
(2,1031)	1:11:A:ILE:HB	1:44:A:GLU:HB3	10	1.81
(2,479)	1:145:A:PRO:HB2	1:148:A:CYS:H	17	1.81
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE1	19	1.81
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE2	19	1.81
(1,1158)	1:39:A:VAL:HB	1:139:A:LEU:HA	2	1.81
(1,579)	1:11:A:ILE:HD11	1:16:A:SER:H	14	1.81
(1,579)	1:11:A:ILE:HD12	1:16:A:SER:H	14	1.81
(1,579)	1:11:A:ILE:HD13	1:16:A:SER:H	14	1.81
(34,2207)	1:60:A:LEU:HG	1:61:A:SER:HB2	5	1.8
(34,2207)	1:60:A:LEU:HG	1:61:A:SER:HB3	5	1.8
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD11	5	1.8
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD12	5	1.8
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD13	5	1.8
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD21	5	1.8
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD22	5	1.8
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD23	5	1.8
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	14	1.8
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	14	1.8
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	14	1.8
(34,913)	1:67:A:PRO:HD3	1:95:A:ILE:HB	14	1.8
(34,589)	1:130:A:GLY:H	1:133:A:ASN:HB2	19	1.8
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	18	1.8
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	18	1.8
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	18	1.8
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	18	1.8
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	18	1.8
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	18	1.8
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	18	1.8
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	18	1.8
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	18	1.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	18	1.8
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	18	1.8
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	18	1.8
(33,1893)	1:18:A:PHE:HE1	1:117:A:VAL:HA	13	1.8
(33,1893)	1:18:A:PHE:HE2	1:117:A:VAL:HA	13	1.8
(33,1877)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	13	1.8
(33,1877)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	13	1.8
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	15	1.8
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	15	1.8
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	15	1.8
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	15	1.8
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	15	1.8
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	15	1.8
(32,917)	1:11:A:ILE:HD11	1:12:A:VAL:HA	15	1.8
(32,917)	1:11:A:ILE:HD12	1:12:A:VAL:HA	15	1.8
(32,917)	1:11:A:ILE:HD13	1:12:A:VAL:HA	15	1.8
(30,1912)	1:35:A:LEU:HG	1:80:A:TYR:HE1	5	1.8
(30,1912)	1:35:A:LEU:HG	1:80:A:TYR:HE2	5	1.8
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD21	13	1.8
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD22	13	1.8
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD23	13	1.8
(30,1373)	1:47:A:ALA:H	1:134:A:VAL:HG11	12	1.8
(30,1373)	1:47:A:ALA:H	1:134:A:VAL:HG12	12	1.8
(30,1373)	1:47:A:ALA:H	1:134:A:VAL:HG13	12	1.8
(30,888)	1:67:A:PRO:HD3	1:95:A:ILE:HB	14	1.8
(30,314)	1:43:A:MET:H	1:140:A:LEU:HD11	9	1.8
(30,314)	1:43:A:MET:H	1:140:A:LEU:HD12	9	1.8
(30,314)	1:43:A:MET:H	1:140:A:LEU:HD13	9	1.8
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD11	6	1.8
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD12	6	1.8
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD13	6	1.8
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD21	6	1.8
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD22	6	1.8
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD23	6	1.8
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD11	6	1.8
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD12	6	1.8
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD13	6	1.8
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD21	6	1.8
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD22	6	1.8
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD23	6	1.8
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD11	6	1.8
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD12	6	1.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD13	6	1.8
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD21	6	1.8
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD22	6	1.8
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD23	6	1.8
(29,1895)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	13	1.8
(29,1895)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	13	1.8
(19,20)	1:56:A:CYS:SG	1:52:A:CYS:CB	9	1.8
(19,11)	1:127:A:CYS:SG	1:56:A:CYS:CB	1	1.8
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	6	1.8
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	6	1.8
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	6	1.8
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD21	6	1.8
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD22	6	1.8
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD23	6	1.8
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	6	1.8
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	6	1.8
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	6	1.8
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD21	6	1.8
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD22	6	1.8
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD23	6	1.8
(18,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	13	1.8
(18,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	13	1.8
(18,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	13	1.8
(18,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	13	1.8
(18,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	13	1.8
(18,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	13	1.8
(18,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	13	1.8
(18,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	13	1.8
(18,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	13	1.8
(18,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	13	1.8
(18,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	13	1.8
(18,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	13	1.8
(18,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	13	1.8
(18,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	13	1.8
(18,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	13	1.8
(18,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	13	1.8
(18,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	13	1.8
(18,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	13	1.8
(18,1696)	1:67:A:PRO:HD2	1:95:A:ILE:HA	7	1.8
(18,1684)	1:43:A:MET:HE1	1:131:A:LEU:HB3	5	1.8
(18,1684)	1:43:A:MET:HE2	1:131:A:LEU:HB3	5	1.8
(18,1684)	1:43:A:MET:HE3	1:131:A:LEU:HB3	5	1.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1682)	1:43:A:MET:HE1	1:131:A:LEU:HA	2	1.8
(18,1682)	1:43:A:MET:HE2	1:131:A:LEU:HA	2	1.8
(18,1682)	1:43:A:MET:HE3	1:131:A:LEU:HA	2	1.8
(18,1643)	1:69:A:MET:HE1	1:116:A:GLN:HG3	4	1.8
(18,1643)	1:69:A:MET:HE2	1:116:A:GLN:HG3	4	1.8
(18,1643)	1:69:A:MET:HE3	1:116:A:GLN:HG3	4	1.8
(18,1461)	1:67:A:PRO:HD3	1:95:A:ILE:HA	12	1.8
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	18	1.8
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	18	1.8
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	18	1.8
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	18	1.8
(18,774)	1:32:A:GLY:HA2	1:34:A:LYS:H	7	1.8
(17,1682)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	3	1.8
(17,1682)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	3	1.8
(17,1488)	1:67:A:PRO:HD3	1:95:A:ILE:HA	12	1.8
(17,1218)	1:41:A:LYS:HG3	1:44:A:GLU:HG2	9	1.8
(16,2141)	1:40:A:LEU:HD11	1:43:A:MET:HG3	3	1.8
(16,2141)	1:40:A:LEU:HD12	1:43:A:MET:HG3	3	1.8
(16,2141)	1:40:A:LEU:HD13	1:43:A:MET:HG3	3	1.8
(16,2141)	1:40:A:LEU:HD21	1:43:A:MET:HG3	3	1.8
(16,2141)	1:40:A:LEU:HD22	1:43:A:MET:HG3	3	1.8
(16,2141)	1:40:A:LEU:HD23	1:43:A:MET:HG3	3	1.8
(16,1617)	1:31:A:PRO:HG2	1:80:A:TYR:HB3	2	1.8
(16,1617)	1:31:A:PRO:HG3	1:80:A:TYR:HB3	2	1.8
(16,1617)	1:31:A:PRO:HG2	1:80:A:TYR:HB3	14	1.8
(16,1617)	1:31:A:PRO:HG3	1:80:A:TYR:HB3	14	1.8
(16,1121)	1:146:A:GLN:HA	1:147:A:ARG:HG2	10	1.8
(16,1121)	1:146:A:GLN:HA	1:147:A:ARG:HG3	10	1.8
(16,727)	1:63:A:ILE:HG12	1:116:A:GLN:HE22	13	1.8
(15,1887)	1:35:A:LEU:HG	1:80:A:TYR:HE1	5	1.8
(15,1887)	1:35:A:LEU:HG	1:80:A:TYR:HE2	5	1.8
(13,781)	1:11:A:ILE:HD11	1:14:A:VAL:HB	9	1.8
(13,781)	1:11:A:ILE:HD12	1:14:A:VAL:HB	9	1.8
(13,781)	1:11:A:ILE:HD13	1:14:A:VAL:HB	9	1.8
(11,2418)	1:134:A:VAL:HG11	1:137:A:SER:H	7	1.8
(11,2418)	1:134:A:VAL:HG12	1:137:A:SER:H	7	1.8
(11,2418)	1:134:A:VAL:HG13	1:137:A:SER:H	7	1.8
(11,2418)	1:134:A:VAL:HG21	1:137:A:SER:H	7	1.8
(11,2418)	1:134:A:VAL:HG22	1:137:A:SER:H	7	1.8
(11,2418)	1:134:A:VAL:HG23	1:137:A:SER:H	7	1.8
(11,2217)	1:60:A:LEU:HG	1:61:A:SER:HB2	5	1.8
(11,2217)	1:60:A:LEU:HG	1:61:A:SER:HB3	5	1.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD2	17	1.8
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD3	17	1.8
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD2	17	1.8
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD3	17	1.8
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD2	17	1.8
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD3	17	1.8
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD21	13	1.8
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD22	13	1.8
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD23	13	1.8
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD21	16	1.8
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD22	16	1.8
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD23	16	1.8
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD21	16	1.8
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD22	16	1.8
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD23	16	1.8
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD21	16	1.8
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD22	16	1.8
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD23	16	1.8
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB2	1	1.8
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB3	1	1.8
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB2	1	1.8
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB3	1	1.8
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB2	1	1.8
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB3	1	1.8
(11,995)	1:102:A:PRO:HA	1:105:A:LYS:HD2	18	1.8
(11,995)	1:102:A:PRO:HA	1:105:A:LYS:HD3	18	1.8
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	7	1.8
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	7	1.8
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	7	1.8
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	7	1.8
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	7	1.8
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	7	1.8
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	11	1.8
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	11	1.8
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	11	1.8
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	11	1.8
(9,1441)	1:145:A:PRO:HD2	1:147:A:ARG:H	3	1.8
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	13	1.8
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	13	1.8
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	13	1.8
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	13	1.8
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	13	1.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	13	1.8
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD11	14	1.8
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD12	14	1.8
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD13	14	1.8
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD21	14	1.8
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD22	14	1.8
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD23	14	1.8
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD11	14	1.8
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD12	14	1.8
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD13	14	1.8
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD21	14	1.8
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD22	14	1.8
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD23	14	1.8
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	12	1.8
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	12	1.8
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	12	1.8
(6,2209)	1:60:A:LEU:HG	1:61:A:SER:HB2	5	1.8
(6,2209)	1:60:A:LEU:HG	1:61:A:SER:HB3	5	1.8
(6,1696)	1:43:A:MET:HE1	1:135:A:GLN:H	13	1.8
(6,1696)	1:43:A:MET:HE2	1:135:A:GLN:H	13	1.8
(6,1696)	1:43:A:MET:HE3	1:135:A:GLN:H	13	1.8
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	16	1.8
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	16	1.8
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	16	1.8
(6,751)	1:32:A:GLY:HA2	1:34:A:LYS:H	7	1.8
(5,2120)	1:40:A:LEU:HB2	1:44:A:GLU:HG3	8	1.8
(5,2120)	1:40:A:LEU:HB3	1:44:A:GLU:HG3	8	1.8
(5,1489)	1:67:A:PRO:HD3	1:95:A:ILE:HA	13	1.8
(5,1465)	1:145:A:PRO:HD2	1:147:A:ARG:H	3	1.8
(5,1310)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	3	1.8
(5,1310)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	3	1.8
(5,1310)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	3	1.8
(5,1310)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	3	1.8
(5,1310)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	3	1.8
(5,1310)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	3	1.8
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	18	1.8
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	18	1.8
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	18	1.8
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	18	1.8
(5,843)	1:43:A:MET:HE1	1:144:A:LEU:HB3	1	1.8
(5,843)	1:43:A:MET:HE2	1:144:A:LEU:HB3	1	1.8
(5,843)	1:43:A:MET:HE3	1:144:A:LEU:HB3	1	1.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,843)	1:43:A:MET:HE1	1:144:A:LEU:HB2	1	1.8
(5,843)	1:43:A:MET:HE2	1:144:A:LEU:HB2	1	1.8
(5,843)	1:43:A:MET:HE3	1:144:A:LEU:HB2	1	1.8
(5,794)	1:11:A:ILE:HD11	1:14:A:VAL:HB	9	1.8
(5,794)	1:11:A:ILE:HD12	1:14:A:VAL:HB	9	1.8
(5,794)	1:11:A:ILE:HD13	1:14:A:VAL:HB	9	1.8
(4,1675)	1:43:A:MET:HE1	1:135:A:GLN:H	13	1.8
(4,1675)	1:43:A:MET:HE2	1:135:A:GLN:H	13	1.8
(4,1675)	1:43:A:MET:HE3	1:135:A:GLN:H	13	1.8
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD11	1	1.8
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD12	1	1.8
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD13	1	1.8
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	11	1.8
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	11	1.8
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	11	1.8
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	11	1.8
(3,1875)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	19	1.8
(3,1875)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	19	1.8
(3,1875)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	19	1.8
(3,1875)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	19	1.8
(3,1481)	1:13:A:ALA:HB1	1:78:A:HIS:HA	4	1.8
(3,1481)	1:13:A:ALA:HB2	1:78:A:HIS:HA	4	1.8
(3,1481)	1:13:A:ALA:HB3	1:78:A:HIS:HA	4	1.8
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	6	1.8
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	6	1.8
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	6	1.8
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	6	1.8
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	6	1.8
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	6	1.8
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	6	1.8
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	6	1.8
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	6	1.8
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	6	1.8
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	6	1.8
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	6	1.8
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	6	1.8
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	6	1.8
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	6	1.8
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	6	1.8
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	6	1.8
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	6	1.8
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	11	1.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	11	1.8
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	11	1.8
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	11	1.8
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	11	1.8
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	11	1.8
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	11	1.8
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	11	1.8
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	11	1.8
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	11	1.8
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	11	1.8
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	11	1.8
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	11	1.8
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	11	1.8
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	11	1.8
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	11	1.8
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	11	1.8
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	11	1.8
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD21	13	1.8
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD22	13	1.8
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD23	13	1.8
(2,709)	1:48:A:ARG:HE	1:49:A:LYS:HA	10	1.8
(1,1987)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	13	1.8
(1,1987)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	13	1.8
(1,1987)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	13	1.8
(1,1987)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	13	1.8
(1,1987)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	13	1.8
(1,1987)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	13	1.8
(1,1987)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	13	1.8
(1,1987)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	13	1.8
(1,1987)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	13	1.8
(1,1987)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	13	1.8
(1,1987)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	13	1.8
(1,1987)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	13	1.8
(1,1987)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	13	1.8
(1,1987)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	13	1.8
(1,1987)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	13	1.8
(1,1987)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	13	1.8
(1,1987)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	13	1.8
(1,1987)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	13	1.8
(1,972)	1:40:A:LEU:HA	1:43:A:MET:HG2	9	1.8
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD11	18	1.79
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD12	18	1.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD13	18	1.79
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD21	18	1.79
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD22	18	1.79
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD23	18	1.79
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD11	18	1.79
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD12	18	1.79
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD13	18	1.79
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD21	18	1.79
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD22	18	1.79
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD23	18	1.79
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD11	18	1.79
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD12	18	1.79
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD13	18	1.79
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD21	18	1.79
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD22	18	1.79
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD23	18	1.79
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG21	15	1.79
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG22	15	1.79
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG23	15	1.79
(33,1627)	1:27:A:ARG:HA	1:30:A:LEU:H	13	1.79
(33,21)	1:94:A:ALA:H	1:95:A:ILE:HD11	2	1.79
(33,21)	1:94:A:ALA:H	1:95:A:ILE:HD12	2	1.79
(33,21)	1:94:A:ALA:H	1:95:A:ILE:HD13	2	1.79
(32,1039)	1:54:A:ARG:HA	1:58:A:ILE:HG13	10	1.79
(32,1039)	1:54:A:ARG:HA	1:58:A:ILE:HG13	12	1.79
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	19	1.79
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	19	1.79
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	19	1.79
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	19	1.79
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD21	6	1.79
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD22	6	1.79
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD23	6	1.79
(30,1261)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	13	1.79
(30,1261)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	13	1.79
(30,1261)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	13	1.79
(30,1261)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	13	1.79
(30,1261)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	13	1.79
(30,1261)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	13	1.79
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD11	1	1.79
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD12	1	1.79
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD13	1	1.79
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD11	1	1.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD12	1	1.79
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD13	1	1.79
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD11	1	1.79
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD12	1	1.79
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD13	1	1.79
(29,20)	1:94:A:ALA:H	1:95:A:ILE:HD11	2	1.79
(29,20)	1:94:A:ALA:H	1:95:A:ILE:HD12	2	1.79
(29,20)	1:94:A:ALA:H	1:95:A:ILE:HD13	2	1.79
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD11	18	1.79
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD12	18	1.79
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD13	18	1.79
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD21	18	1.79
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD22	18	1.79
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD23	18	1.79
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD11	18	1.79
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD12	18	1.79
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD13	18	1.79
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD21	18	1.79
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD22	18	1.79
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD23	18	1.79
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD11	18	1.79
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD12	18	1.79
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD13	18	1.79
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD21	18	1.79
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD22	18	1.79
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD23	18	1.79
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE1	4	1.79
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE2	4	1.79
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE3	4	1.79
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE1	4	1.79
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE2	4	1.79
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE3	4	1.79
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE1	4	1.79
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE2	4	1.79
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE3	4	1.79
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	15	1.79
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	15	1.79
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	15	1.79
(18,1082)	1:54:A:ARG:HA	1:58:A:ILE:HG13	10	1.79
(18,1082)	1:54:A:ARG:HA	1:58:A:ILE:HG13	12	1.79
(18,514)	1:101:A:ILE:HG13	1:105:A:LYS:H	6	1.79
(17,982)	1:47:A:ALA:HB1	1:134:A:VAL:HB	4	1.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,982)	1:47:A:ALA:HB2	1:134:A:VAL:HB	4	1.79
(17,982)	1:47:A:ALA:HB3	1:134:A:VAL:HB	4	1.79
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	3	1.79
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	3	1.79
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	3	1.79
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	3	1.79
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	3	1.79
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	3	1.79
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	3	1.79
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	3	1.79
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	3	1.79
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	3	1.79
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	3	1.79
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	3	1.79
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	3	1.79
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	3	1.79
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	3	1.79
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	3	1.79
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	3	1.79
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	3	1.79
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	4	1.79
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	4	1.79
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	4	1.79
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	4	1.79
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	4	1.79
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	4	1.79
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD21	3	1.79
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD22	3	1.79
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD23	3	1.79
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	9	1.79
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	9	1.79
(16,1182)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	9	1.79
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	9	1.79
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	9	1.79
(16,1182)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	9	1.79
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	9	1.79
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	9	1.79
(16,1182)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	9	1.79
(16,20)	1:94:A:ALA:H	1:95:A:ILE:HD11	2	1.79
(16,20)	1:94:A:ALA:H	1:95:A:ILE:HD12	2	1.79
(16,20)	1:94:A:ALA:H	1:95:A:ILE:HD13	2	1.79
(15,1468)	1:95:A:ILE:HG21	1:97:A:ASP:H	6	1.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1468)	1:95:A:ILE:HG22	1:97:A:ASP:H	6	1.79
(15,1468)	1:95:A:ILE:HG23	1:97:A:ASP:H	6	1.79
(15,920)	1:125:A:THR:HB	1:128:A:LEU:HG	5	1.79
(15,920)	1:125:A:THR:HB	1:128:A:LEU:HG	11	1.79
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD11	18	1.79
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD12	18	1.79
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD13	18	1.79
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD21	18	1.79
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD22	18	1.79
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD23	18	1.79
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD11	18	1.79
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD12	18	1.79
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD13	18	1.79
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD21	18	1.79
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD22	18	1.79
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD23	18	1.79
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD11	18	1.79
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD12	18	1.79
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD13	18	1.79
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD21	18	1.79
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD22	18	1.79
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD23	18	1.79
(13,1848)	1:64:A:LYS:HD2	1:104:A:PHE:HZ	19	1.79
(13,1848)	1:64:A:LYS:HD3	1:104:A:PHE:HZ	19	1.79
(13,1052)	1:54:A:ARG:HA	1:58:A:ILE:HG13	10	1.79
(13,1052)	1:54:A:ARG:HA	1:58:A:ILE:HG13	12	1.79
(13,877)	1:13:A:ALA:H	1:80:A:TYR:HB2	11	1.79
(13,745)	1:32:A:GLY:HA2	1:34:A:LYS:H	16	1.79
(13,18)	1:94:A:ALA:H	1:95:A:ILE:HD11	2	1.79
(13,18)	1:94:A:ALA:H	1:95:A:ILE:HD12	2	1.79
(13,18)	1:94:A:ALA:H	1:95:A:ILE:HD13	2	1.79
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD21	6	1.79
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD22	6	1.79
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD23	6	1.79
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	3	1.79
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	3	1.79
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	3	1.79
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	3	1.79
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	3	1.79
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	3	1.79
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	3	1.79
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	3	1.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	3	1.79
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	3	1.79
(9,18)	1:94:A:ALA:H	1:95:A:ILE:HD11	2	1.79
(9,18)	1:94:A:ALA:H	1:95:A:ILE:HD12	2	1.79
(9,18)	1:94:A:ALA:H	1:95:A:ILE:HD13	2	1.79
(7,2029)	1:34:A:LYS:H	1:81:A:GLU:HB2	19	1.79
(7,2029)	1:34:A:LYS:H	1:81:A:GLU:HB3	19	1.79
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG12	4	1.79
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG13	4	1.79
(7,1362)	1:12:A:VAL:HG21	1:13:A:ALA:HA	12	1.79
(7,1362)	1:12:A:VAL:HG22	1:13:A:ALA:HA	12	1.79
(7,1362)	1:12:A:VAL:HG23	1:13:A:ALA:HA	12	1.79
(7,17)	1:94:A:ALA:H	1:95:A:ILE:HD11	2	1.79
(7,17)	1:94:A:ALA:H	1:95:A:ILE:HD12	2	1.79
(7,17)	1:94:A:ALA:H	1:95:A:ILE:HD13	2	1.79
(6,1924)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	6	1.79
(5,1489)	1:67:A:PRO:HD3	1:95:A:ILE:HA	12	1.79
(5,896)	1:21:A:THR:HB	1:24:A:ASP:H	2	1.79
(5,896)	1:21:A:THR:HB	1:24:A:ASP:H	7	1.79
(4,833)	1:48:A:ARG:HD2	1:49:A:LYS:HA	11	1.79
(4,833)	1:48:A:ARG:HD3	1:49:A:LYS:HA	11	1.79
(4,19)	1:94:A:ALA:H	1:95:A:ILE:HD11	2	1.79
(4,19)	1:94:A:ALA:H	1:95:A:ILE:HD12	2	1.79
(4,19)	1:94:A:ALA:H	1:95:A:ILE:HD13	2	1.79
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	3	1.79
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	3	1.79
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	3	1.79
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	3	1.79
(3,1940)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	6	1.79
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	16	1.79
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	16	1.79
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	16	1.79
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	16	1.79
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	16	1.79
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	16	1.79
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	19	1.79
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	19	1.79
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	19	1.79
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	19	1.79
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	19	1.79
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	19	1.79
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	17	1.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	17	1.79
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	17	1.79
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	17	1.79
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	17	1.79
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	17	1.79
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	17	1.79
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	17	1.79
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	17	1.79
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	17	1.79
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	17	1.79
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	17	1.79
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	17	1.79
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	17	1.79
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	17	1.79
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	17	1.79
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	17	1.79
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	17	1.79
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD21	6	1.79
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD22	6	1.79
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD23	6	1.79
(2,1136)	1:10:A:ASN:HD22	1:80:A:TYR:HA	8	1.79
(2,17)	1:94:A:ALA:H	1:95:A:ILE:HD11	2	1.79
(2,17)	1:94:A:ALA:H	1:95:A:ILE:HD12	2	1.79
(2,17)	1:94:A:ALA:H	1:95:A:ILE:HD13	2	1.79
(1,1079)	1:54:A:ARG:HA	1:58:A:ILE:HG13	10	1.79
(1,1079)	1:54:A:ARG:HA	1:58:A:ILE:HG13	12	1.79
(34,1819)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	17	1.78
(34,1819)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	17	1.78
(34,1655)	1:31:A:PRO:HD3	1:140:A:LEU:HA	15	1.78
(34,1633)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	6	1.78
(34,1633)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	6	1.78
(34,1633)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	6	1.78
(34,1633)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	6	1.78
(34,1633)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	6	1.78
(34,1633)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	6	1.78
(34,1633)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	14	1.78
(34,1633)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	14	1.78
(34,1633)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	14	1.78
(34,1633)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	14	1.78
(34,1633)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	14	1.78
(34,1633)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	14	1.78
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	15	1.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	15	1.78
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	15	1.78
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	15	1.78
(34,721)	1:44:A:GLU:HB2	1:48:A:ARG:HE	5	1.78
(34,721)	1:44:A:GLU:HB3	1:48:A:ARG:HE	5	1.78
(33,2496)	1:144:A:LEU:HD11	1:147:A:ARG:H	12	1.78
(33,2496)	1:144:A:LEU:HD12	1:147:A:ARG:H	12	1.78
(33,2496)	1:144:A:LEU:HD13	1:147:A:ARG:H	12	1.78
(33,2496)	1:144:A:LEU:HD21	1:147:A:ARG:H	12	1.78
(33,2496)	1:144:A:LEU:HD22	1:147:A:ARG:H	12	1.78
(33,2496)	1:144:A:LEU:HD23	1:147:A:ARG:H	12	1.78
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG11	18	1.78
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG12	18	1.78
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG13	18	1.78
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG21	18	1.78
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG22	18	1.78
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG23	18	1.78
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG11	18	1.78
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG12	18	1.78
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG13	18	1.78
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG21	18	1.78
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG22	18	1.78
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG23	18	1.78
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG11	18	1.78
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG12	18	1.78
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG13	18	1.78
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG21	18	1.78
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG22	18	1.78
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG23	18	1.78
(32,1237)	1:15:A:ALA:HA	1:131:A:LEU:HB2	18	1.78
(32,325)	1:57:A:LEU:H	1:58:A:ILE:HG13	10	1.78
(30,1713)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	5	1.78
(30,1713)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	5	1.78
(30,1713)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	5	1.78
(30,1713)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	5	1.78
(30,1713)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	5	1.78
(30,1713)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	5	1.78
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD21	13	1.78
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD22	13	1.78
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD23	13	1.78
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD21	13	1.78
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD22	13	1.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD23	13	1.78
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD21	13	1.78
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD22	13	1.78
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD23	13	1.78
(29,2442)	1:144:A:LEU:HD11	1:147:A:ARG:H	12	1.78
(29,2442)	1:144:A:LEU:HD12	1:147:A:ARG:H	12	1.78
(29,2442)	1:144:A:LEU:HD13	1:147:A:ARG:H	12	1.78
(29,2442)	1:144:A:LEU:HD21	1:147:A:ARG:H	12	1.78
(29,2442)	1:144:A:LEU:HD22	1:147:A:ARG:H	12	1.78
(29,2442)	1:144:A:LEU:HD23	1:147:A:ARG:H	12	1.78
(29,1382)	1:47:A:ALA:H	1:134:A:VAL:HG11	15	1.78
(29,1382)	1:47:A:ALA:H	1:134:A:VAL:HG12	15	1.78
(29,1382)	1:47:A:ALA:H	1:134:A:VAL:HG13	15	1.78
(29,263)	1:27:A:ARG:HB3	1:29:A:LYS:H	17	1.78
(18,1629)	1:31:A:PRO:HD3	1:140:A:LEU:HA	15	1.78
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	12	1.78
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	12	1.78
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	12	1.78
(18,1269)	1:15:A:ALA:HA	1:131:A:LEU:HB2	18	1.78
(18,345)	1:57:A:LEU:H	1:58:A:ILE:HG13	10	1.78
(17,2480)	1:144:A:LEU:HD11	1:147:A:ARG:H	12	1.78
(17,2480)	1:144:A:LEU:HD12	1:147:A:ARG:H	12	1.78
(17,2480)	1:144:A:LEU:HD13	1:147:A:ARG:H	12	1.78
(17,2480)	1:144:A:LEU:HD21	1:147:A:ARG:H	12	1.78
(17,2480)	1:144:A:LEU:HD22	1:147:A:ARG:H	12	1.78
(17,2480)	1:144:A:LEU:HD23	1:147:A:ARG:H	12	1.78
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD11	19	1.78
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD12	19	1.78
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD13	19	1.78
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD21	19	1.78
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD22	19	1.78
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD23	19	1.78
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD11	19	1.78
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD12	19	1.78
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD13	19	1.78
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD21	19	1.78
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD22	19	1.78
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD23	19	1.78
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD11	19	1.78
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD12	19	1.78
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD13	19	1.78
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD21	19	1.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD22	19	1.78
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD23	19	1.78
(16,1884)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	11	1.78
(16,1884)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	11	1.78
(16,1884)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	11	1.78
(16,1884)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	11	1.78
(16,1884)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	11	1.78
(16,1884)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	11	1.78
(15,2492)	1:144:A:LEU:HD11	1:147:A:ARG:H	12	1.78
(15,2492)	1:144:A:LEU:HD12	1:147:A:ARG:H	12	1.78
(15,2492)	1:144:A:LEU:HD13	1:147:A:ARG:H	12	1.78
(15,2492)	1:144:A:LEU:HD21	1:147:A:ARG:H	12	1.78
(15,2492)	1:144:A:LEU:HD22	1:147:A:ARG:H	12	1.78
(15,2492)	1:144:A:LEU:HD23	1:147:A:ARG:H	12	1.78
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD11	10	1.78
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD12	10	1.78
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD13	10	1.78
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD21	10	1.78
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD22	10	1.78
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD23	10	1.78
(15,920)	1:125:A:THR:HB	1:128:A:LEU:HG	4	1.78
(13,1846)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	4	1.78
(13,1846)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	4	1.78
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	17	1.78
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	17	1.78
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	17	1.78
(13,262)	1:27:A:ARG:HB3	1:29:A:LYS:H	17	1.78
(11,2460)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	16	1.78
(11,2460)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	16	1.78
(11,2460)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	16	1.78
(11,2460)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	16	1.78
(11,2177)	1:46:A:ASN:HD21	1:131:A:LEU:HA	3	1.78
(11,2177)	1:46:A:ASN:HD22	1:131:A:LEU:HA	3	1.78
(11,2094)	1:35:A:LEU:HD11	1:143:A:TRP:HA	9	1.78
(11,2094)	1:35:A:LEU:HD12	1:143:A:TRP:HA	9	1.78
(11,2094)	1:35:A:LEU:HD13	1:143:A:TRP:HA	9	1.78
(11,2094)	1:35:A:LEU:HD21	1:143:A:TRP:HA	9	1.78
(11,2094)	1:35:A:LEU:HD22	1:143:A:TRP:HA	9	1.78
(11,2094)	1:35:A:LEU:HD23	1:143:A:TRP:HA	9	1.78
(11,1837)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	17	1.78
(11,1837)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	17	1.78
(9,2430)	1:144:A:LEU:HD11	1:147:A:ARG:H	12	1.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2430)	1:144:A:LEU:HD12	1:147:A:ARG:H	12	1.78
(9,2430)	1:144:A:LEU:HD13	1:147:A:ARG:H	12	1.78
(9,2430)	1:144:A:LEU:HD21	1:147:A:ARG:H	12	1.78
(9,2430)	1:144:A:LEU:HD22	1:147:A:ARG:H	12	1.78
(9,2430)	1:144:A:LEU:HD23	1:147:A:ARG:H	12	1.78
(9,937)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	18	1.78
(9,269)	1:27:A:ARG:HB3	1:29:A:LYS:H	17	1.78
(7,1831)	1:18:A:PHE:HD1	1:113:A:PHE:HE1	1	1.78
(7,1831)	1:18:A:PHE:HD1	1:113:A:PHE:HE2	1	1.78
(7,1831)	1:18:A:PHE:HD2	1:113:A:PHE:HE1	1	1.78
(7,1831)	1:18:A:PHE:HD2	1:113:A:PHE:HE2	1	1.78
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	19	1.78
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	19	1.78
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	19	1.78
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	19	1.78
(7,1362)	1:12:A:VAL:HG21	1:13:A:ALA:HA	2	1.78
(7,1362)	1:12:A:VAL:HG22	1:13:A:ALA:HA	2	1.78
(7,1362)	1:12:A:VAL:HG23	1:13:A:ALA:HA	2	1.78
(7,1362)	1:12:A:VAL:HG21	1:13:A:ALA:HA	3	1.78
(7,1362)	1:12:A:VAL:HG22	1:13:A:ALA:HA	3	1.78
(7,1362)	1:12:A:VAL:HG23	1:13:A:ALA:HA	3	1.78
(7,1362)	1:12:A:VAL:HG21	1:13:A:ALA:HA	14	1.78
(7,1362)	1:12:A:VAL:HG22	1:13:A:ALA:HA	14	1.78
(7,1362)	1:12:A:VAL:HG23	1:13:A:ALA:HA	14	1.78
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	8	1.78
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	8	1.78
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	8	1.78
(7,1248)	1:15:A:ALA:HA	1:131:A:LEU:HB2	18	1.78
(7,1183)	1:13:A:ALA:H	1:40:A:LEU:HD21	3	1.78
(7,1183)	1:13:A:ALA:H	1:40:A:LEU:HD22	3	1.78
(7,1183)	1:13:A:ALA:H	1:40:A:LEU:HD23	3	1.78
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB2	13	1.78
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB3	13	1.78
(5,2469)	1:144:A:LEU:HD11	1:147:A:ARG:H	12	1.78
(5,2469)	1:144:A:LEU:HD12	1:147:A:ARG:H	12	1.78
(5,2469)	1:144:A:LEU:HD13	1:147:A:ARG:H	12	1.78
(5,2469)	1:144:A:LEU:HD21	1:147:A:ARG:H	12	1.78
(5,2469)	1:144:A:LEU:HD22	1:147:A:ARG:H	12	1.78
(5,2469)	1:144:A:LEU:HD23	1:147:A:ARG:H	12	1.78
(5,1073)	1:14:A:VAL:HG21	1:61:A:SER:HA	19	1.78
(5,1073)	1:14:A:VAL:HG22	1:61:A:SER:HA	19	1.78
(5,1073)	1:14:A:VAL:HG23	1:61:A:SER:HA	19	1.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD11	5	1.78
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD12	5	1.78
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD13	5	1.78
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD21	5	1.78
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD22	5	1.78
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD23	5	1.78
(4,1627)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	7	1.78
(4,1627)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	7	1.78
(4,1627)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	7	1.78
(4,1627)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	7	1.78
(4,1627)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	7	1.78
(4,1627)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	7	1.78
(4,1627)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	7	1.78
(4,1627)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	7	1.78
(4,1627)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	7	1.78
(4,1325)	1:17:A:ASN:HA	1:76:A:ARG:HA	1	1.78
(4,1243)	1:15:A:ALA:HA	1:131:A:LEU:HB2	18	1.78
(4,1202)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	19	1.78
(4,1202)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	19	1.78
(4,1202)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	19	1.78
(3,1689)	1:69:A:MET:HE1	1:116:A:GLN:HG3	16	1.78
(3,1689)	1:69:A:MET:HE2	1:116:A:GLN:HG3	16	1.78
(3,1689)	1:69:A:MET:HE3	1:116:A:GLN:HG3	16	1.78
(3,1580)	1:40:A:LEU:HD11	1:43:A:MET:H	17	1.78
(3,1580)	1:40:A:LEU:HD12	1:43:A:MET:H	17	1.78
(3,1580)	1:40:A:LEU:HD13	1:43:A:MET:H	17	1.78
(3,485)	1:145:A:PRO:HB2	1:148:A:CYS:H	16	1.78
(3,262)	1:27:A:ARG:HB3	1:29:A:LYS:H	17	1.78
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	10	1.78
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	10	1.78
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	10	1.78
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	10	1.78
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	10	1.78
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	10	1.78
(2,1727)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	5	1.78
(2,1727)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	5	1.78
(2,1727)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	5	1.78
(2,1727)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	5	1.78
(2,1727)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	5	1.78
(2,1727)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	5	1.78
(1,2000)	1:17:A:ASN:HD21	1:113:A:PHE:HE1	9	1.78
(1,2000)	1:17:A:ASN:HD21	1:113:A:PHE:HE2	9	1.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2000)	1:17:A:ASN:HD22	1:113:A:PHE:HE1	9	1.78
(1,2000)	1:17:A:ASN:HD22	1:113:A:PHE:HE2	9	1.78
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	15	1.78
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	15	1.78
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	15	1.78
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	15	1.78
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	15	1.78
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	15	1.78
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE1	10	1.78
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE2	10	1.78
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	13	1.78
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	13	1.78
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	13	1.78
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	8	1.78
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	8	1.78
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	8	1.78
(1,919)	1:21:A:THR:HB	1:24:A:ASP:H	1	1.78
(1,340)	1:57:A:LEU:H	1:58:A:ILE:HG13	10	1.78
(34,1642)	1:34:A:LYS:H	1:80:A:TYR:HA	6	1.77
(34,1633)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	3	1.77
(34,1633)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	3	1.77
(34,1633)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	3	1.77
(34,1633)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	3	1.77
(34,1633)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	3	1.77
(34,1633)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	3	1.77
(34,1094)	1:66:A:THR:HG21	1:95:A:ILE:HA	9	1.77
(34,1094)	1:66:A:THR:HG22	1:95:A:ILE:HA	9	1.77
(34,1094)	1:66:A:THR:HG23	1:95:A:ILE:HA	9	1.77
(34,1094)	1:66:A:THR:HG21	1:95:A:ILE:HA	17	1.77
(34,1094)	1:66:A:THR:HG22	1:95:A:ILE:HA	17	1.77
(34,1094)	1:66:A:THR:HG23	1:95:A:ILE:HA	17	1.77
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD2	7	1.77
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD3	7	1.77
(34,630)	1:35:A:LEU:H	1:80:A:TYR:HB2	8	1.77
(34,60)	1:34:A:LYS:H	1:81:A:GLU:H	1	1.77
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD11	15	1.77
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD12	15	1.77
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD13	15	1.77
(32,1707)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	6	1.77
(32,1707)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	6	1.77
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD11	15	1.77
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD12	15	1.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD13	15	1.77
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG21	6	1.77
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG22	6	1.77
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG23	6	1.77
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG21	19	1.77
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG22	19	1.77
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG23	19	1.77
(32,701)	1:44:A:GLU:HB2	1:54:A:ARG:HE	14	1.77
(32,701)	1:44:A:GLU:HB3	1:54:A:ARG:HE	14	1.77
(32,57)	1:34:A:LYS:H	1:81:A:GLU:H	1	1.77
(30,1438)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	3	1.77
(30,1438)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	3	1.77
(30,1438)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	3	1.77
(30,716)	1:44:A:GLU:HB2	1:54:A:ARG:HE	14	1.77
(30,716)	1:44:A:GLU:HB3	1:54:A:ARG:HE	14	1.77
(29,726)	1:44:A:GLU:HB2	1:54:A:ARG:HE	14	1.77
(29,726)	1:44:A:GLU:HB3	1:54:A:ARG:HE	14	1.77
(29,709)	1:144:A:LEU:HD11	1:147:A:ARG:HE	2	1.77
(29,709)	1:144:A:LEU:HD12	1:147:A:ARG:HE	2	1.77
(29,709)	1:144:A:LEU:HD13	1:147:A:ARG:HE	2	1.77
(29,263)	1:27:A:ARG:HB3	1:29:A:LYS:H	3	1.77
(18,1615)	1:34:A:LYS:H	1:80:A:TYR:HA	6	1.77
(18,514)	1:101:A:ILE:HG13	1:105:A:LYS:H	5	1.77
(18,153)	1:67:A:PRO:HD3	1:95:A:ILE:H	16	1.77
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	16	1.77
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	16	1.77
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	16	1.77
(17,1724)	1:67:A:PRO:HD2	1:95:A:ILE:HA	7	1.77
(17,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	8	1.77
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG2	16	1.77
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG3	16	1.77
(16,2071)	1:32:A:GLY:HA2	1:81:A:GLU:H	1	1.77
(16,2071)	1:32:A:GLY:HA3	1:81:A:GLU:H	1	1.77
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	16	1.77
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	16	1.77
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	16	1.77
(16,1619)	1:34:A:LYS:H	1:80:A:TYR:HA	6	1.77
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD11	15	1.77
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD12	15	1.77
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD13	15	1.77
(16,59)	1:34:A:LYS:H	1:81:A:GLU:H	1	1.77
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE1	3	1.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE2	3	1.77
(15,967)	1:33:A:LYS:HB2	1:80:A:TYR:HB2	5	1.77
(15,967)	1:33:A:LYS:HB3	1:80:A:TYR:HB2	5	1.77
(15,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	2	1.77
(15,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	2	1.77
(15,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	2	1.77
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	5	1.77
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	5	1.77
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	5	1.77
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	15	1.77
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	15	1.77
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	15	1.77
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	15	1.77
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	15	1.77
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	15	1.77
(13,1599)	1:34:A:LYS:H	1:80:A:TYR:HA	6	1.77
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD2	7	1.77
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD3	7	1.77
(13,262)	1:27:A:ARG:HB3	1:29:A:LYS:H	3	1.77
(11,2093)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	6	1.77
(11,2093)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	6	1.77
(11,2093)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	6	1.77
(11,2093)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	6	1.77
(11,2093)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	6	1.77
(11,2093)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	6	1.77
(11,2093)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	6	1.77
(11,2093)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	6	1.77
(11,2093)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	6	1.77
(11,2093)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	6	1.77
(11,2093)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	6	1.77
(11,2093)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	6	1.77
(11,2075)	1:32:A:GLY:HA2	1:81:A:GLU:H	14	1.77
(11,2075)	1:32:A:GLY:HA3	1:81:A:GLU:H	14	1.77
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD21	19	1.77
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD22	19	1.77
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD23	19	1.77
(11,1662)	1:34:A:LYS:H	1:80:A:TYR:HA	6	1.77
(11,1422)	1:56:A:CYS:HA	1:120:A:CYS:HA	10	1.77
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD2	7	1.77
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD3	7	1.77
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	16	1.77
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	16	1.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	16	1.77
(9,1441)	1:145:A:PRO:HD2	1:147:A:ARG:H	19	1.77
(9,1432)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	3	1.77
(9,1432)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	3	1.77
(9,1432)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	3	1.77
(9,965)	1:141:A:LYS:HB2	1:149:A:ALA:HA	8	1.77
(9,965)	1:141:A:LYS:HB3	1:149:A:ALA:HA	8	1.77
(9,707)	1:44:A:GLU:HB2	1:48:A:ARG:HE	5	1.77
(9,707)	1:44:A:GLU:HB3	1:48:A:ARG:HE	5	1.77
(9,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	8	1.77
(9,269)	1:27:A:ARG:HB3	1:29:A:LYS:H	3	1.77
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE1	3	1.77
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE2	3	1.77
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE3	3	1.77
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE1	3	1.77
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE2	3	1.77
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE3	3	1.77
(7,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	8	1.77
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	16	1.77
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	16	1.77
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	16	1.77
(6,1449)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	3	1.77
(6,1449)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	3	1.77
(6,1449)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	3	1.77
(6,1433)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	3	1.77
(6,1433)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	3	1.77
(6,1433)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	3	1.77
(6,743)	1:43:A:MET:HE1	1:134:A:VAL:H	2	1.77
(6,743)	1:43:A:MET:HE2	1:134:A:VAL:H	2	1.77
(6,743)	1:43:A:MET:HE3	1:134:A:VAL:H	2	1.77
(6,743)	1:43:A:MET:HE1	1:134:A:VAL:H	10	1.77
(6,743)	1:43:A:MET:HE2	1:134:A:VAL:H	10	1.77
(6,743)	1:43:A:MET:HE3	1:134:A:VAL:H	10	1.77
(5,2120)	1:40:A:LEU:HB2	1:44:A:GLU:HG3	11	1.77
(5,2120)	1:40:A:LEU:HB3	1:44:A:GLU:HG3	11	1.77
(5,1733)	1:67:A:PRO:HD2	1:95:A:ILE:HA	7	1.77
(5,1465)	1:145:A:PRO:HD2	1:147:A:ARG:H	19	1.77
(5,1455)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	3	1.77
(5,1455)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	3	1.77
(5,1455)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	3	1.77
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD2	7	1.77
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD3	7	1.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1419)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	3	1.77
(4,1419)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	3	1.77
(4,1419)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	3	1.77
(4,1322)	1:105:A:LYS:HD2	1:106:A:ASP:HA	2	1.77
(4,1322)	1:105:A:LYS:HD3	1:106:A:ASP:HA	2	1.77
(3,2044)	1:17:A:ASN:HD21	1:78:A:HIS:H	18	1.77
(3,2044)	1:17:A:ASN:HD22	1:78:A:HIS:H	18	1.77
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD2	14	1.77
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD3	14	1.77
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD2	14	1.77
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD3	14	1.77
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD2	14	1.77
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD3	14	1.77
(3,1742)	1:67:A:PRO:HD2	1:95:A:ILE:HA	7	1.77
(3,1679)	1:134:A:VAL:HG11	1:137:A:SER:H	18	1.77
(3,1679)	1:134:A:VAL:HG12	1:137:A:SER:H	18	1.77
(3,1679)	1:134:A:VAL:HG13	1:137:A:SER:H	18	1.77
(3,1661)	1:34:A:LYS:H	1:80:A:TYR:HA	6	1.77
(3,917)	1:21:A:THR:HB	1:24:A:ASP:H	13	1.77
(3,917)	1:21:A:THR:HB	1:24:A:ASP:H	19	1.77
(3,861)	1:43:A:MET:HE1	1:144:A:LEU:HB2	13	1.77
(3,861)	1:43:A:MET:HE2	1:144:A:LEU:HB2	13	1.77
(3,861)	1:43:A:MET:HE3	1:144:A:LEU:HB2	13	1.77
(3,811)	1:11:A:ILE:HD11	1:43:A:MET:HG2	16	1.77
(3,811)	1:11:A:ILE:HD12	1:43:A:MET:HG2	16	1.77
(3,811)	1:11:A:ILE:HD13	1:43:A:MET:HG2	16	1.77
(3,262)	1:27:A:ARG:HB3	1:29:A:LYS:H	3	1.77
(3,152)	1:67:A:PRO:HD3	1:95:A:ILE:H	16	1.77
(3,63)	1:34:A:LYS:H	1:81:A:GLU:H	1	1.77
(2,2471)	1:145:A:PRO:HB2	1:148:A:CYS:HB2	16	1.77
(2,2471)	1:145:A:PRO:HB2	1:148:A:CYS:HB3	16	1.77
(2,1845)	1:9:A:PHE:HZ	1:54:A:ARG:HE	19	1.77
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD21	13	1.77
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD22	13	1.77
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD23	13	1.77
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG21	6	1.77
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG22	6	1.77
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG23	6	1.77
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG21	19	1.77
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG22	19	1.77
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG23	19	1.77
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	17	1.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	17	1.77
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	17	1.77
(2,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	8	1.77
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	13	1.77
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	13	1.77
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	13	1.77
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	13	1.77
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	13	1.77
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	13	1.77
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE1	3	1.77
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE2	3	1.77
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE3	3	1.77
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE1	3	1.77
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE2	3	1.77
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE3	3	1.77
(1,919)	1:21:A:THR:HB	1:24:A:ASP:H	9	1.77
(34,2069)	1:34:A:LYS:H	1:81:A:GLU:HB2	19	1.76
(34,2069)	1:34:A:LYS:H	1:81:A:GLU:HB3	19	1.76
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD11	1	1.76
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD12	1	1.76
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD13	1	1.76
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD21	1	1.76
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD22	1	1.76
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD23	1	1.76
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD11	1	1.76
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD12	1	1.76
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD13	1	1.76
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD21	1	1.76
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD22	1	1.76
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD23	1	1.76
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD11	1	1.76
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD12	1	1.76
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD13	1	1.76
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD21	1	1.76
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD22	1	1.76
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD23	1	1.76
(34,1721)	1:67:A:PRO:HD2	1:95:A:ILE:HA	7	1.76
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG2	8	1.76
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG3	8	1.76
(34,908)	1:10:A:ASN:HD22	1:11:A:ILE:HB	13	1.76
(33,1634)	1:102:A:PRO:HA	1:105:A:LYS:HD2	9	1.76
(33,1634)	1:102:A:PRO:HA	1:105:A:LYS:HD3	9	1.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1620)	1:31:A:PRO:HG2	1:80:A:TYR:HB3	5	1.76
(33,1620)	1:31:A:PRO:HG3	1:80:A:TYR:HB3	5	1.76
(33,1618)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	9	1.76
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD21	6	1.76
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD22	6	1.76
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD23	6	1.76
(33,573)	1:16:A:SER:H	1:131:A:LEU:HB3	7	1.76
(32,2044)	1:34:A:LYS:H	1:81:A:GLU:HB2	6	1.76
(32,2044)	1:34:A:LYS:H	1:81:A:GLU:HB3	6	1.76
(32,1784)	1:9:A:PHE:HZ	1:54:A:ARG:HE	15	1.76
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD21	6	1.76
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD22	6	1.76
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD23	6	1.76
(32,917)	1:11:A:ILE:HD11	1:12:A:VAL:HA	14	1.76
(32,917)	1:11:A:ILE:HD12	1:12:A:VAL:HA	14	1.76
(32,917)	1:11:A:ILE:HD13	1:12:A:VAL:HA	14	1.76
(30,2005)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	13	1.76
(30,2005)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	13	1.76
(30,2005)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	13	1.76
(30,2005)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	13	1.76
(30,2005)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	13	1.76
(30,2005)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	13	1.76
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD21	16	1.76
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD22	16	1.76
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD23	16	1.76
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD21	16	1.76
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD22	16	1.76
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD23	16	1.76
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD21	16	1.76
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD22	16	1.76
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD23	16	1.76
(29,2144)	1:40:A:LEU:HD11	1:44:A:GLU:HG2	11	1.76
(29,2144)	1:40:A:LEU:HD12	1:44:A:GLU:HG2	11	1.76
(29,2144)	1:40:A:LEU:HD13	1:44:A:GLU:HG2	11	1.76
(29,2144)	1:40:A:LEU:HD21	1:44:A:GLU:HG2	11	1.76
(29,2144)	1:40:A:LEU:HD22	1:44:A:GLU:HG2	11	1.76
(29,2144)	1:40:A:LEU:HD23	1:44:A:GLU:HG2	11	1.76
(29,1392)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	1	1.76
(29,1392)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	1	1.76
(29,1392)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	1	1.76
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD11	1	1.76
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD12	1	1.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD13	1	1.76
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD21	1	1.76
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD22	1	1.76
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD23	1	1.76
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD11	1	1.76
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD12	1	1.76
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD13	1	1.76
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD21	1	1.76
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD22	1	1.76
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD23	1	1.76
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD11	1	1.76
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD12	1	1.76
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD13	1	1.76
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD21	1	1.76
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD22	1	1.76
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD23	1	1.76
(18,1832)	1:13:A:ALA:HA	1:80:A:TYR:HE1	6	1.76
(18,1832)	1:13:A:ALA:HA	1:80:A:TYR:HE2	6	1.76
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG2	8	1.76
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG3	8	1.76
(18,514)	1:101:A:ILE:HG13	1:105:A:LYS:H	1	1.76
(17,2074)	1:31:A:PRO:HD2	1:143:A:TRP:HA	9	1.76
(17,2074)	1:31:A:PRO:HD3	1:143:A:TRP:HA	9	1.76
(17,893)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	17	1.76
(17,893)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	17	1.76
(17,893)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	17	1.76
(16,1998)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	13	1.76
(16,1998)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	13	1.76
(16,1998)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	13	1.76
(16,1998)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	13	1.76
(16,1998)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	13	1.76
(16,1998)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	13	1.76
(16,1617)	1:31:A:PRO:HG2	1:80:A:TYR:HB3	13	1.76
(16,1617)	1:31:A:PRO:HG3	1:80:A:TYR:HB3	13	1.76
(16,1615)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	9	1.76
(16,1475)	1:95:A:ILE:HG21	1:97:A:ASP:H	5	1.76
(16,1475)	1:95:A:ILE:HG22	1:97:A:ASP:H	5	1.76
(16,1475)	1:95:A:ILE:HG23	1:97:A:ASP:H	5	1.76
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD21	6	1.76
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD22	6	1.76
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD23	6	1.76
(15,2038)	1:34:A:LYS:H	1:81:A:GLU:HB2	6	1.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2038)	1:34:A:LYS:H	1:81:A:GLU:HB3	6	1.76
(15,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	15	1.76
(15,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	15	1.76
(15,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	15	1.76
(13,2021)	1:34:A:LYS:H	1:81:A:GLU:HB2	19	1.76
(13,2021)	1:34:A:LYS:H	1:81:A:GLU:HB3	19	1.76
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD11	1	1.76
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD12	1	1.76
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD13	1	1.76
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD21	1	1.76
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD22	1	1.76
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD23	1	1.76
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD11	1	1.76
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD12	1	1.76
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD13	1	1.76
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD21	1	1.76
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD22	1	1.76
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD23	1	1.76
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD11	1	1.76
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD12	1	1.76
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD13	1	1.76
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD21	1	1.76
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD22	1	1.76
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD23	1	1.76
(13,1596)	1:12:A:VAL:HA	1:80:A:TYR:HB3	16	1.76
(11,2026)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	13	1.76
(11,2026)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	13	1.76
(11,2026)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	13	1.76
(11,2026)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	13	1.76
(11,2026)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	13	1.76
(11,2026)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	13	1.76
(11,1915)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	1	1.76
(11,1915)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	1	1.76
(11,1915)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	1	1.76
(11,1915)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	1	1.76
(11,1915)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	1	1.76
(11,1915)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	1	1.76
(11,1118)	1:146:A:GLN:HA	1:147:A:ARG:HG2	2	1.76
(11,1118)	1:146:A:GLN:HA	1:147:A:ARG:HG3	2	1.76
(11,843)	1:43:A:MET:HE1	1:144:A:LEU:HB2	17	1.76
(11,843)	1:43:A:MET:HE2	1:144:A:LEU:HB2	17	1.76
(11,843)	1:43:A:MET:HE3	1:144:A:LEU:HB2	17	1.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,843)	1:43:A:MET:HE1	1:144:A:LEU:HB3	17	1.76
(11,843)	1:43:A:MET:HE2	1:144:A:LEU:HB3	17	1.76
(11,843)	1:43:A:MET:HE3	1:144:A:LEU:HB3	17	1.76
(9,1991)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	13	1.76
(9,1991)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	13	1.76
(9,1991)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	13	1.76
(9,1991)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	13	1.76
(9,1991)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	13	1.76
(9,1991)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	13	1.76
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	13	1.76
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	13	1.76
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	13	1.76
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	13	1.76
(9,1703)	1:67:A:PRO:HD2	1:95:A:ILE:HA	7	1.76
(9,973)	1:15:A:ALA:HB1	1:134:A:VAL:HB	7	1.76
(9,973)	1:15:A:ALA:HB2	1:134:A:VAL:HB	7	1.76
(9,973)	1:15:A:ALA:HB3	1:134:A:VAL:HB	7	1.76
(9,958)	1:66:A:THR:H	1:96:A:VAL:HB	10	1.76
(7,1666)	1:43:A:MET:HE1	1:131:A:LEU:HA	16	1.76
(7,1666)	1:43:A:MET:HE2	1:131:A:LEU:HA	16	1.76
(7,1666)	1:43:A:MET:HE3	1:131:A:LEU:HA	16	1.76
(6,1712)	1:67:A:PRO:HD2	1:95:A:ILE:HA	7	1.76
(6,1699)	1:43:A:MET:HE1	1:131:A:LEU:HA	16	1.76
(6,1699)	1:43:A:MET:HE2	1:131:A:LEU:HA	16	1.76
(6,1699)	1:43:A:MET:HE3	1:131:A:LEU:HA	16	1.76
(6,1465)	1:67:A:PRO:HD3	1:95:A:ILE:HA	13	1.76
(5,916)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	13	1.76
(4,1677)	1:43:A:MET:HE1	1:131:A:LEU:HA	16	1.76
(4,1677)	1:43:A:MET:HE2	1:131:A:LEU:HA	16	1.76
(4,1677)	1:43:A:MET:HE3	1:131:A:LEU:HA	16	1.76
(4,862)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	5	1.76
(4,862)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	5	1.76
(3,2032)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	13	1.76
(3,2032)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	13	1.76
(3,2032)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	13	1.76
(3,2032)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	13	1.76
(3,2032)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	13	1.76
(3,2032)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	13	1.76
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	13	1.76
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	13	1.76
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	13	1.76
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	13	1.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1847)	1:9:A:PHE:HZ	1:54:A:ARG:HE	15	1.76
(3,1729)	1:43:A:MET:HE1	1:131:A:LEU:HA	16	1.76
(3,1729)	1:43:A:MET:HE2	1:131:A:LEU:HA	16	1.76
(3,1729)	1:43:A:MET:HE3	1:131:A:LEU:HA	16	1.76
(3,1465)	1:31:A:PRO:HD3	1:143:A:TRP:HA	17	1.76
(3,567)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	12	1.76
(3,567)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	12	1.76
(3,567)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	12	1.76
(3,235)	1:40:A:LEU:HD11	1:44:A:GLU:H	15	1.76
(3,235)	1:40:A:LEU:HD12	1:44:A:GLU:H	15	1.76
(3,235)	1:40:A:LEU:HD13	1:44:A:GLU:H	15	1.76
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG11	5	1.76
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG12	5	1.76
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG13	5	1.76
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG21	5	1.76
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG22	5	1.76
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG23	5	1.76
(2,2081)	1:34:A:LYS:H	1:81:A:GLU:HB2	19	1.76
(2,2081)	1:34:A:LYS:H	1:81:A:GLU:HB3	19	1.76
(2,1845)	1:9:A:PHE:HZ	1:54:A:ARG:HE	18	1.76
(2,1645)	1:12:A:VAL:HA	1:80:A:TYR:HB3	16	1.76
(1,2072)	1:35:A:LEU:HD11	1:143:A:TRP:HB2	3	1.76
(1,2072)	1:35:A:LEU:HD12	1:143:A:TRP:HB2	3	1.76
(1,2072)	1:35:A:LEU:HD13	1:143:A:TRP:HB2	3	1.76
(1,2072)	1:35:A:LEU:HD21	1:143:A:TRP:HB2	3	1.76
(1,2072)	1:35:A:LEU:HD22	1:143:A:TRP:HB2	3	1.76
(1,2072)	1:35:A:LEU:HD23	1:143:A:TRP:HB2	3	1.76
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	4	1.76
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	4	1.76
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	4	1.76
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	4	1.76
(1,1721)	1:67:A:PRO:HD2	1:95:A:ILE:HA	7	1.76
(1,881)	1:8:A:ASP:HB2	1:54:A:ARG:HE	8	1.76
(1,881)	1:8:A:ASP:HB2	1:54:A:ARG:HE	13	1.76
(34,1903)	1:18:A:PHE:HE1	1:57:A:LEU:HG	10	1.75
(34,1903)	1:18:A:PHE:HE2	1:57:A:LEU:HG	10	1.75
(34,908)	1:10:A:ASN:HD22	1:11:A:ILE:HB	11	1.75
(34,876)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	1	1.75
(34,876)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	1	1.75
(34,876)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	1	1.75
(34,60)	1:34:A:LYS:H	1:81:A:GLU:H	19	1.75
(33,2070)	1:34:A:LYS:HG2	1:81:A:GLU:HB2	6	1.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2070)	1:34:A:LYS:HG2	1:81:A:GLU:HB3	6	1.75
(33,2070)	1:34:A:LYS:HG3	1:81:A:GLU:HB2	6	1.75
(33,2070)	1:34:A:LYS:HG3	1:81:A:GLU:HB3	6	1.75
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	10	1.75
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	10	1.75
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	10	1.75
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	10	1.75
(33,1620)	1:31:A:PRO:HG2	1:80:A:TYR:HB3	2	1.75
(33,1620)	1:31:A:PRO:HG3	1:80:A:TYR:HB3	2	1.75
(33,1620)	1:31:A:PRO:HG2	1:80:A:TYR:HB3	14	1.75
(33,1620)	1:31:A:PRO:HG3	1:80:A:TYR:HB3	14	1.75
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB1	6	1.75
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB2	6	1.75
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB3	6	1.75
(33,1171)	1:140:A:LEU:HD11	1:144:A:LEU:H	17	1.75
(33,1171)	1:140:A:LEU:HD12	1:144:A:LEU:H	17	1.75
(33,1171)	1:140:A:LEU:HD13	1:144:A:LEU:H	17	1.75
(33,742)	1:105:A:LYS:HG3	1:112:A:GLN:HE22	13	1.75
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG11	18	1.75
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG12	18	1.75
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG13	18	1.75
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG21	18	1.75
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG22	18	1.75
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG23	18	1.75
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG11	18	1.75
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG12	18	1.75
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG13	18	1.75
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG21	18	1.75
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG22	18	1.75
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG23	18	1.75
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG11	18	1.75
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG12	18	1.75
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG13	18	1.75
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG21	18	1.75
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG22	18	1.75
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG23	18	1.75
(32,1830)	1:18:A:PHE:HA	1:113:A:PHE:HE1	1	1.75
(32,1830)	1:18:A:PHE:HA	1:113:A:PHE:HE2	1	1.75
(32,57)	1:34:A:LYS:H	1:81:A:GLU:H	19	1.75
(30,1749)	1:140:A:LEU:HD11	1:144:A:LEU:H	17	1.75
(30,1749)	1:140:A:LEU:HD12	1:144:A:LEU:H	17	1.75
(30,1749)	1:140:A:LEU:HD13	1:144:A:LEU:H	17	1.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB1	12	1.75
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB2	12	1.75
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB3	12	1.75
(30,1056)	1:134:A:VAL:HG21	1:140:A:LEU:HG	9	1.75
(30,1056)	1:134:A:VAL:HG22	1:140:A:LEU:HG	9	1.75
(30,1056)	1:134:A:VAL:HG23	1:140:A:LEU:HG	9	1.75
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	7	1.75
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	7	1.75
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	7	1.75
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	7	1.75
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	7	1.75
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	7	1.75
(29,1882)	1:18:A:PHE:HA	1:113:A:PHE:HE1	1	1.75
(29,1882)	1:18:A:PHE:HA	1:113:A:PHE:HE2	1	1.75
(29,938)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	7	1.75
(29,938)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	7	1.75
(29,938)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	7	1.75
(29,938)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	7	1.75
(29,814)	1:11:A:ILE:HD11	1:14:A:VAL:HB	9	1.75
(29,814)	1:11:A:ILE:HD12	1:14:A:VAL:HB	9	1.75
(29,814)	1:11:A:ILE:HD13	1:14:A:VAL:HB	9	1.75
(19,16)	1:52:A:CYS:SG	1:56:A:CYS:CB	17	1.75
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB1	12	1.75
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB2	12	1.75
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB3	12	1.75
(18,1036)	1:113:A:PHE:HA	1:116:A:GLN:HG3	16	1.75
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	4	1.75
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	4	1.75
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	4	1.75
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	4	1.75
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	9	1.75
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	9	1.75
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	9	1.75
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	9	1.75
(18,937)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	7	1.75
(18,937)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	7	1.75
(18,937)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	7	1.75
(18,937)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	7	1.75
(18,514)	1:101:A:ILE:HG13	1:105:A:LYS:H	3	1.75
(18,514)	1:101:A:ILE:HG13	1:105:A:LYS:H	16	1.75
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	13	1.75
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	13	1.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	13	1.75
(17,1401)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	7	1.75
(17,1401)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	7	1.75
(17,1401)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	7	1.75
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG2	4	1.75
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG3	4	1.75
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD11	10	1.75
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD12	10	1.75
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD13	10	1.75
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD21	10	1.75
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD22	10	1.75
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD23	10	1.75
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	13	1.75
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	13	1.75
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	13	1.75
(16,59)	1:34:A:LYS:H	1:81:A:GLU:H	19	1.75
(15,2496)	1:144:A:LEU:HD11	1:148:A:CYS:H	3	1.75
(15,2496)	1:144:A:LEU:HD12	1:148:A:CYS:H	3	1.75
(15,2496)	1:144:A:LEU:HD13	1:148:A:CYS:H	3	1.75
(15,2496)	1:144:A:LEU:HD21	1:148:A:CYS:H	3	1.75
(15,2496)	1:144:A:LEU:HD22	1:148:A:CYS:H	3	1.75
(15,2496)	1:144:A:LEU:HD23	1:148:A:CYS:H	3	1.75
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD11	5	1.75
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD12	5	1.75
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD13	5	1.75
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD21	5	1.75
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD22	5	1.75
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD23	5	1.75
(15,1892)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	5	1.75
(15,1731)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	6	1.75
(15,1731)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	6	1.75
(15,1731)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	6	1.75
(15,594)	1:75:A:GLY:H	1:77:A:CYS:HB3	14	1.75
(15,585)	1:148:A:CYS:HA	1:150:A:THR:H	5	1.75
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG11	14	1.75
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG12	14	1.75
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG13	14	1.75
(13,910)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	7	1.75
(13,910)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	7	1.75
(13,910)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	7	1.75
(13,910)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	7	1.75
(13,85)	1:30:A:LEU:H	1:144:A:LEU:HA	16	1.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2254)	1:69:A:MET:HG2	1:70:A:LYS:HE2	2	1.75
(11,2254)	1:69:A:MET:HG2	1:70:A:LYS:HE3	2	1.75
(11,2254)	1:69:A:MET:HG3	1:70:A:LYS:HE2	2	1.75
(11,2254)	1:69:A:MET:HG3	1:70:A:LYS:HE3	2	1.75
(11,2004)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	11	1.75
(11,2004)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	11	1.75
(11,2004)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	11	1.75
(11,2004)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	11	1.75
(11,2004)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	11	1.75
(11,2004)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	11	1.75
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD11	16	1.75
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD12	16	1.75
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD13	16	1.75
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD11	16	1.75
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD12	16	1.75
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD13	16	1.75
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD11	16	1.75
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD12	16	1.75
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD13	16	1.75
(11,935)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	7	1.75
(11,935)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	7	1.75
(11,935)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	7	1.75
(11,935)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	7	1.75
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	13	1.75
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	13	1.75
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	13	1.75
(9,1066)	1:54:A:ARG:HA	1:58:A:ILE:HG13	17	1.75
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	3	1.75
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	3	1.75
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	3	1.75
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	3	1.75
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	3	1.75
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	3	1.75
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	6	1.75
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	6	1.75
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	6	1.75
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	6	1.75
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	6	1.75
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	6	1.75
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	8	1.75
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	8	1.75
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	8	1.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	8	1.75
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	8	1.75
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	8	1.75
(7,28)	1:13:A:ALA:H	1:40:A:LEU:HD11	5	1.75
(7,28)	1:13:A:ALA:H	1:40:A:LEU:HD12	5	1.75
(7,28)	1:13:A:ALA:H	1:40:A:LEU:HD13	5	1.75
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG2	10	1.75
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG3	10	1.75
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG2	19	1.75
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG3	19	1.75
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	13	1.75
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	13	1.75
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	13	1.75
(6,1465)	1:67:A:PRO:HD3	1:95:A:ILE:HA	12	1.75
(6,1053)	1:54:A:ARG:HA	1:58:A:ILE:HG13	17	1.75
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	4	1.75
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	4	1.75
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	4	1.75
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	4	1.75
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	9	1.75
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	9	1.75
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	9	1.75
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	9	1.75
(5,896)	1:21:A:THR:HB	1:24:A:ASP:H	1	1.75
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	3	1.75
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	3	1.75
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	3	1.75
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	3	1.75
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	3	1.75
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	3	1.75
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	6	1.75
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	6	1.75
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	6	1.75
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	6	1.75
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	6	1.75
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	6	1.75
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD2	1	1.75
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD3	1	1.75
(3,2007)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	11	1.75
(3,2007)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	11	1.75
(3,2007)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	11	1.75
(3,2007)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	11	1.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2007)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	11	1.75
(3,2007)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	11	1.75
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD21	3	1.75
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD22	3	1.75
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD23	3	1.75
(3,1211)	1:34:A:LYS:HG2	1:81:A:GLU:HA	14	1.75
(3,1211)	1:34:A:LYS:HG3	1:81:A:GLU:HA	14	1.75
(3,807)	1:11:A:ILE:HD11	1:43:A:MET:HG3	12	1.75
(3,807)	1:11:A:ILE:HD12	1:43:A:MET:HG3	12	1.75
(3,807)	1:11:A:ILE:HD13	1:43:A:MET:HG3	12	1.75
(3,63)	1:34:A:LYS:H	1:81:A:GLU:H	19	1.75
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	16	1.75
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	16	1.75
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	16	1.75
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	16	1.75
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	16	1.75
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	16	1.75
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	16	1.75
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	16	1.75
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	16	1.75
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	16	1.75
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	16	1.75
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	16	1.75
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	16	1.75
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	16	1.75
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	16	1.75
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	16	1.75
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	16	1.75
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	16	1.75
(2,1922)	1:18:A:PHE:HE1	1:57:A:LEU:HG	10	1.75
(2,1922)	1:18:A:PHE:HE2	1:57:A:LEU:HG	10	1.75
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG21	8	1.75
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG22	8	1.75
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG23	8	1.75
(2,1062)	1:54:A:ARG:HA	1:58:A:ILE:HG13	17	1.75
(1,1709)	1:43:A:MET:HE1	1:131:A:LEU:HA	4	1.75
(1,1709)	1:43:A:MET:HE2	1:131:A:LEU:HA	4	1.75
(1,1709)	1:43:A:MET:HE3	1:131:A:LEU:HA	4	1.75
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	10	1.75
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	10	1.75
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	10	1.75
(1,1076)	1:66:A:THR:HG21	1:95:A:ILE:HA	3	1.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1076)	1:66:A:THR:HG22	1:95:A:ILE:HA	3	1.75
(1,1076)	1:66:A:THR:HG23	1:95:A:ILE:HA	3	1.75
(1,1035)	1:113:A:PHE:HA	1:116:A:GLN:HG3	16	1.75
(34,2154)	1:43:A:MET:HE1	1:131:A:LEU:HD11	18	1.74
(34,2154)	1:43:A:MET:HE1	1:131:A:LEU:HD12	18	1.74
(34,2154)	1:43:A:MET:HE1	1:131:A:LEU:HD13	18	1.74
(34,2154)	1:43:A:MET:HE1	1:131:A:LEU:HD21	18	1.74
(34,2154)	1:43:A:MET:HE1	1:131:A:LEU:HD22	18	1.74
(34,2154)	1:43:A:MET:HE1	1:131:A:LEU:HD23	18	1.74
(34,2154)	1:43:A:MET:HE2	1:131:A:LEU:HD11	18	1.74
(34,2154)	1:43:A:MET:HE2	1:131:A:LEU:HD12	18	1.74
(34,2154)	1:43:A:MET:HE2	1:131:A:LEU:HD13	18	1.74
(34,2154)	1:43:A:MET:HE2	1:131:A:LEU:HD21	18	1.74
(34,2154)	1:43:A:MET:HE2	1:131:A:LEU:HD22	18	1.74
(34,2154)	1:43:A:MET:HE2	1:131:A:LEU:HD23	18	1.74
(34,2154)	1:43:A:MET:HE3	1:131:A:LEU:HD11	18	1.74
(34,2154)	1:43:A:MET:HE3	1:131:A:LEU:HD12	18	1.74
(34,2154)	1:43:A:MET:HE3	1:131:A:LEU:HD13	18	1.74
(34,2154)	1:43:A:MET:HE3	1:131:A:LEU:HD21	18	1.74
(34,2154)	1:43:A:MET:HE3	1:131:A:LEU:HD22	18	1.74
(34,2154)	1:43:A:MET:HE3	1:131:A:LEU:HD23	18	1.74
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	14	1.74
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	14	1.74
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	14	1.74
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	14	1.74
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	14	1.74
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	14	1.74
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	14	1.74
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	14	1.74
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	14	1.74
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	14	1.74
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	14	1.74
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	14	1.74
(34,1978)	1:12:A:VAL:HG11	1:79:A:THR:HB	3	1.74
(34,1978)	1:12:A:VAL:HG12	1:79:A:THR:HB	3	1.74
(34,1978)	1:12:A:VAL:HG13	1:79:A:THR:HB	3	1.74
(34,1978)	1:12:A:VAL:HG21	1:79:A:THR:HB	3	1.74
(34,1978)	1:12:A:VAL:HG22	1:79:A:THR:HB	3	1.74
(34,1978)	1:12:A:VAL:HG23	1:79:A:THR:HB	3	1.74
(34,1863)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	18	1.74
(34,1863)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	18	1.74
(34,1796)	1:13:A:ALA:H	1:80:A:TYR:HD1	8	1.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1796)	1:13:A:ALA:H	1:80:A:TYR:HD2	8	1.74
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD21	16	1.74
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD22	16	1.74
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD23	16	1.74
(33,2153)	1:43:A:MET:HE1	1:131:A:LEU:HD11	18	1.74
(33,2153)	1:43:A:MET:HE1	1:131:A:LEU:HD12	18	1.74
(33,2153)	1:43:A:MET:HE1	1:131:A:LEU:HD13	18	1.74
(33,2153)	1:43:A:MET:HE1	1:131:A:LEU:HD21	18	1.74
(33,2153)	1:43:A:MET:HE1	1:131:A:LEU:HD22	18	1.74
(33,2153)	1:43:A:MET:HE1	1:131:A:LEU:HD23	18	1.74
(33,2153)	1:43:A:MET:HE2	1:131:A:LEU:HD11	18	1.74
(33,2153)	1:43:A:MET:HE2	1:131:A:LEU:HD12	18	1.74
(33,2153)	1:43:A:MET:HE2	1:131:A:LEU:HD13	18	1.74
(33,2153)	1:43:A:MET:HE2	1:131:A:LEU:HD21	18	1.74
(33,2153)	1:43:A:MET:HE2	1:131:A:LEU:HD22	18	1.74
(33,2153)	1:43:A:MET:HE2	1:131:A:LEU:HD23	18	1.74
(33,2153)	1:43:A:MET:HE3	1:131:A:LEU:HD11	18	1.74
(33,2153)	1:43:A:MET:HE3	1:131:A:LEU:HD12	18	1.74
(33,2153)	1:43:A:MET:HE3	1:131:A:LEU:HD13	18	1.74
(33,2153)	1:43:A:MET:HE3	1:131:A:LEU:HD21	18	1.74
(33,2153)	1:43:A:MET:HE3	1:131:A:LEU:HD22	18	1.74
(33,2153)	1:43:A:MET:HE3	1:131:A:LEU:HD23	18	1.74
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG11	7	1.74
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG12	7	1.74
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG13	7	1.74
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG21	7	1.74
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG22	7	1.74
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG23	7	1.74
(33,1851)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	18	1.74
(33,1851)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	18	1.74
(33,1627)	1:27:A:ARG:HA	1:30:A:LEU:H	8	1.74
(33,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	13	1.74
(33,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	13	1.74
(33,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	13	1.74
(33,953)	1:39:A:VAL:HA	1:140:A:LEU:HD21	4	1.74
(33,953)	1:39:A:VAL:HA	1:140:A:LEU:HD22	4	1.74
(33,953)	1:39:A:VAL:HA	1:140:A:LEU:HD23	4	1.74
(32,1585)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	13	1.74
(32,1585)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	13	1.74
(32,1585)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	13	1.74
(32,1084)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	16	1.74
(32,1084)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	16	1.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD11	11	1.74
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD12	11	1.74
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD13	11	1.74
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD21	11	1.74
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD22	11	1.74
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD23	11	1.74
(30,1896)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	17	1.74
(30,1896)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	17	1.74
(30,1896)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	17	1.74
(30,1896)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	17	1.74
(30,1896)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	17	1.74
(30,1896)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	17	1.74
(30,1855)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	18	1.74
(30,1855)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	18	1.74
(30,1647)	1:134:A:VAL:HG21	1:136:A:CYS:HA	2	1.74
(30,1647)	1:134:A:VAL:HG22	1:136:A:CYS:HA	2	1.74
(30,1647)	1:134:A:VAL:HG23	1:136:A:CYS:HA	2	1.74
(30,482)	1:145:A:PRO:HB2	1:148:A:CYS:H	6	1.74
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD11	11	1.74
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD12	11	1.74
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD13	11	1.74
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD21	11	1.74
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD22	11	1.74
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD23	11	1.74
(29,2077)	1:32:A:GLY:HA2	1:34:A:LYS:H	7	1.74
(29,2077)	1:32:A:GLY:HA3	1:34:A:LYS:H	7	1.74
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	12	1.74
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	12	1.74
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	12	1.74
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	12	1.74
(29,1804)	1:13:A:ALA:H	1:80:A:TYR:HD1	8	1.74
(29,1804)	1:13:A:ALA:H	1:80:A:TYR:HD2	8	1.74
(29,1711)	1:53:A:THR:H	1:124:A:THR:HB	17	1.74
(29,1665)	1:134:A:VAL:HG21	1:136:A:CYS:HA	2	1.74
(29,1665)	1:134:A:VAL:HG22	1:136:A:CYS:HA	2	1.74
(29,1665)	1:134:A:VAL:HG23	1:136:A:CYS:HA	2	1.74
(29,944)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	10	1.74
(29,944)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	10	1.74
(29,944)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	10	1.74
(29,944)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	10	1.74
(29,944)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	10	1.74
(29,944)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	10	1.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,660)	1:96:A:VAL:HA	1:116:A:GLN:HE22	18	1.74
(18,1343)	1:141:A:LYS:HB2	1:149:A:ALA:HA	12	1.74
(18,1343)	1:141:A:LYS:HB3	1:149:A:ALA:HA	12	1.74
(18,1036)	1:113:A:PHE:HA	1:116:A:GLN:HG3	4	1.74
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	6	1.74
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	6	1.74
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	6	1.74
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	6	1.74
(18,667)	1:96:A:VAL:HA	1:116:A:GLN:HE22	18	1.74
(18,514)	1:101:A:ILE:HG13	1:105:A:LYS:H	2	1.74
(17,2069)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	13	1.74
(17,2069)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	13	1.74
(17,2069)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	13	1.74
(17,2069)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	13	1.74
(17,2069)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	13	1.74
(17,2069)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	13	1.74
(17,2069)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	13	1.74
(17,2069)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	13	1.74
(17,2069)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	13	1.74
(17,2069)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	13	1.74
(17,2069)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	13	1.74
(17,2069)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	13	1.74
(17,1796)	1:13:A:ALA:H	1:80:A:TYR:HD1	8	1.74
(17,1796)	1:13:A:ALA:H	1:80:A:TYR:HD2	8	1.74
(17,1725)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	6	1.74
(17,1682)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	17	1.74
(17,1682)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	17	1.74
(17,1365)	1:141:A:LYS:HB2	1:149:A:ALA:HA	12	1.74
(17,1365)	1:141:A:LYS:HB3	1:149:A:ALA:HA	12	1.74
(17,1097)	1:141:A:LYS:HA	1:149:A:ALA:HB1	2	1.74
(17,1097)	1:141:A:LYS:HA	1:149:A:ALA:HB2	2	1.74
(17,1097)	1:141:A:LYS:HA	1:149:A:ALA:HB3	2	1.74
(16,2339)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	12	1.74
(16,2339)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	12	1.74
(16,2069)	1:32:A:GLY:HA2	1:34:A:LYS:H	7	1.74
(16,2069)	1:32:A:GLY:HA3	1:34:A:LYS:H	7	1.74
(16,1701)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	6	1.74
(16,1635)	1:134:A:VAL:HG21	1:136:A:CYS:HA	2	1.74
(16,1635)	1:134:A:VAL:HG22	1:136:A:CYS:HA	2	1.74
(16,1635)	1:134:A:VAL:HG23	1:136:A:CYS:HA	2	1.74
(16,1332)	1:106:A:ASP:HA	1:112:A:GLN:HE21	19	1.74
(15,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	7	1.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	7	1.74
(15,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	7	1.74
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	14	1.74
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	14	1.74
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	14	1.74
(15,967)	1:33:A:LYS:HB2	1:80:A:TYR:HB2	13	1.74
(15,967)	1:33:A:LYS:HB3	1:80:A:TYR:HB2	13	1.74
(13,2098)	1:43:A:MET:HE1	1:131:A:LEU:HD11	18	1.74
(13,2098)	1:43:A:MET:HE1	1:131:A:LEU:HD12	18	1.74
(13,2098)	1:43:A:MET:HE1	1:131:A:LEU:HD13	18	1.74
(13,2098)	1:43:A:MET:HE1	1:131:A:LEU:HD21	18	1.74
(13,2098)	1:43:A:MET:HE1	1:131:A:LEU:HD22	18	1.74
(13,2098)	1:43:A:MET:HE1	1:131:A:LEU:HD23	18	1.74
(13,2098)	1:43:A:MET:HE2	1:131:A:LEU:HD11	18	1.74
(13,2098)	1:43:A:MET:HE2	1:131:A:LEU:HD12	18	1.74
(13,2098)	1:43:A:MET:HE2	1:131:A:LEU:HD13	18	1.74
(13,2098)	1:43:A:MET:HE2	1:131:A:LEU:HD21	18	1.74
(13,2098)	1:43:A:MET:HE2	1:131:A:LEU:HD22	18	1.74
(13,2098)	1:43:A:MET:HE2	1:131:A:LEU:HD23	18	1.74
(13,2098)	1:43:A:MET:HE3	1:131:A:LEU:HD11	18	1.74
(13,2098)	1:43:A:MET:HE3	1:131:A:LEU:HD12	18	1.74
(13,2098)	1:43:A:MET:HE3	1:131:A:LEU:HD13	18	1.74
(13,2098)	1:43:A:MET:HE3	1:131:A:LEU:HD21	18	1.74
(13,2098)	1:43:A:MET:HE3	1:131:A:LEU:HD22	18	1.74
(13,2098)	1:43:A:MET:HE3	1:131:A:LEU:HD23	18	1.74
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	11	1.74
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	11	1.74
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	11	1.74
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	11	1.74
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	11	1.74
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	11	1.74
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	11	1.74
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	11	1.74
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	11	1.74
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	11	1.74
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	11	1.74
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	11	1.74
(13,1745)	1:13:A:ALA:H	1:80:A:TYR:HD1	8	1.74
(13,1745)	1:13:A:ALA:H	1:80:A:TYR:HD2	8	1.74
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD21	16	1.74
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD22	16	1.74
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD23	16	1.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	15	1.74
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	15	1.74
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	15	1.74
(13,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB1	2	1.74
(13,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB2	2	1.74
(13,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB3	2	1.74
(11,2163)	1:43:A:MET:HE1	1:131:A:LEU:HD11	18	1.74
(11,2163)	1:43:A:MET:HE1	1:131:A:LEU:HD12	18	1.74
(11,2163)	1:43:A:MET:HE1	1:131:A:LEU:HD13	18	1.74
(11,2163)	1:43:A:MET:HE1	1:131:A:LEU:HD21	18	1.74
(11,2163)	1:43:A:MET:HE1	1:131:A:LEU:HD22	18	1.74
(11,2163)	1:43:A:MET:HE1	1:131:A:LEU:HD23	18	1.74
(11,2163)	1:43:A:MET:HE2	1:131:A:LEU:HD11	18	1.74
(11,2163)	1:43:A:MET:HE2	1:131:A:LEU:HD12	18	1.74
(11,2163)	1:43:A:MET:HE2	1:131:A:LEU:HD13	18	1.74
(11,2163)	1:43:A:MET:HE2	1:131:A:LEU:HD21	18	1.74
(11,2163)	1:43:A:MET:HE2	1:131:A:LEU:HD22	18	1.74
(11,2163)	1:43:A:MET:HE2	1:131:A:LEU:HD23	18	1.74
(11,2163)	1:43:A:MET:HE3	1:131:A:LEU:HD11	18	1.74
(11,2163)	1:43:A:MET:HE3	1:131:A:LEU:HD12	18	1.74
(11,2163)	1:43:A:MET:HE3	1:131:A:LEU:HD13	18	1.74
(11,2163)	1:43:A:MET:HE3	1:131:A:LEU:HD21	18	1.74
(11,2163)	1:43:A:MET:HE3	1:131:A:LEU:HD22	18	1.74
(11,2163)	1:43:A:MET:HE3	1:131:A:LEU:HD23	18	1.74
(11,2074)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	16	1.74
(11,2074)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	16	1.74
(11,2074)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	16	1.74
(11,2074)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	16	1.74
(11,2073)	1:32:A:GLY:HA2	1:34:A:LYS:H	7	1.74
(11,2073)	1:32:A:GLY:HA3	1:34:A:LYS:H	7	1.74
(11,1921)	1:150:A:THR:H	1:151:A:PHE:HD1	11	1.74
(11,1921)	1:150:A:THR:H	1:151:A:PHE:HD2	11	1.74
(11,1875)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	18	1.74
(11,1875)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	18	1.74
(11,1682)	1:134:A:VAL:HG11	1:137:A:SER:H	4	1.74
(11,1682)	1:134:A:VAL:HG12	1:137:A:SER:H	4	1.74
(11,1682)	1:134:A:VAL:HG13	1:137:A:SER:H	4	1.74
(11,1682)	1:134:A:VAL:HG11	1:137:A:SER:H	14	1.74
(11,1682)	1:134:A:VAL:HG12	1:137:A:SER:H	14	1.74
(11,1682)	1:134:A:VAL:HG13	1:137:A:SER:H	14	1.74
(11,1347)	1:106:A:ASP:HA	1:112:A:GLN:HE21	19	1.74
(9,1326)	1:106:A:ASP:HA	1:112:A:GLN:HE21	19	1.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB2	13	1.74
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB3	13	1.74
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD11	6	1.74
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD12	6	1.74
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD13	6	1.74
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD21	6	1.74
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD22	6	1.74
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD23	6	1.74
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	2	1.74
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	2	1.74
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	2	1.74
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	2	1.74
(7,1747)	1:13:A:ALA:H	1:80:A:TYR:HD1	8	1.74
(7,1747)	1:13:A:ALA:H	1:80:A:TYR:HD2	8	1.74
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD11	12	1.74
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD12	12	1.74
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD13	12	1.74
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG2	2	1.74
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG3	2	1.74
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG2	12	1.74
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG3	12	1.74
(6,2029)	1:17:A:ASN:HD21	1:79:A:THR:H	6	1.74
(6,2029)	1:17:A:ASN:HD22	1:79:A:THR:H	6	1.74
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG11	7	1.74
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG12	7	1.74
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG13	7	1.74
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG21	7	1.74
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG22	7	1.74
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG23	7	1.74
(5,2145)	1:43:A:MET:HE1	1:131:A:LEU:HD11	18	1.74
(5,2145)	1:43:A:MET:HE1	1:131:A:LEU:HD12	18	1.74
(5,2145)	1:43:A:MET:HE1	1:131:A:LEU:HD13	18	1.74
(5,2145)	1:43:A:MET:HE1	1:131:A:LEU:HD21	18	1.74
(5,2145)	1:43:A:MET:HE1	1:131:A:LEU:HD22	18	1.74
(5,2145)	1:43:A:MET:HE1	1:131:A:LEU:HD23	18	1.74
(5,2145)	1:43:A:MET:HE2	1:131:A:LEU:HD11	18	1.74
(5,2145)	1:43:A:MET:HE2	1:131:A:LEU:HD12	18	1.74
(5,2145)	1:43:A:MET:HE2	1:131:A:LEU:HD13	18	1.74
(5,2145)	1:43:A:MET:HE2	1:131:A:LEU:HD21	18	1.74
(5,2145)	1:43:A:MET:HE2	1:131:A:LEU:HD22	18	1.74
(5,2145)	1:43:A:MET:HE2	1:131:A:LEU:HD23	18	1.74
(5,2145)	1:43:A:MET:HE3	1:131:A:LEU:HD11	18	1.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2145)	1:43:A:MET:HE3	1:131:A:LEU:HD12	18	1.74
(5,2145)	1:43:A:MET:HE3	1:131:A:LEU:HD13	18	1.74
(5,2145)	1:43:A:MET:HE3	1:131:A:LEU:HD21	18	1.74
(5,2145)	1:43:A:MET:HE3	1:131:A:LEU:HD22	18	1.74
(5,2145)	1:43:A:MET:HE3	1:131:A:LEU:HD23	18	1.74
(5,1880)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	18	1.74
(5,1880)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	18	1.74
(5,1661)	1:134:A:VAL:HG21	1:136:A:CYS:HA	2	1.74
(5,1661)	1:134:A:VAL:HG22	1:136:A:CYS:HA	2	1.74
(5,1661)	1:134:A:VAL:HG23	1:136:A:CYS:HA	2	1.74
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD2	7	1.74
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD3	7	1.74
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD2	7	1.74
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD3	7	1.74
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD2	7	1.74
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD3	7	1.74
(5,1206)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	6	1.74
(5,1206)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	6	1.74
(5,1206)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	6	1.74
(5,1000)	1:95:A:ILE:HG21	1:105:A:LYS:HB2	5	1.74
(5,1000)	1:95:A:ILE:HG21	1:105:A:LYS:HB3	5	1.74
(5,1000)	1:95:A:ILE:HG22	1:105:A:LYS:HB2	5	1.74
(5,1000)	1:95:A:ILE:HG22	1:105:A:LYS:HB3	5	1.74
(5,1000)	1:95:A:ILE:HG23	1:105:A:LYS:HB2	5	1.74
(5,1000)	1:95:A:ILE:HG23	1:105:A:LYS:HB3	5	1.74
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	6	1.74
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	6	1.74
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	6	1.74
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	6	1.74
(5,896)	1:21:A:THR:HB	1:24:A:ASP:H	9	1.74
(5,887)	1:11:A:ILE:HB	1:44:A:GLU:HG3	8	1.74
(4,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB2	18	1.74
(4,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB3	18	1.74
(4,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB2	18	1.74
(4,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB3	18	1.74
(4,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB2	18	1.74
(4,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB3	18	1.74
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG11	7	1.74
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG12	7	1.74
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG13	7	1.74
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG21	7	1.74
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG22	7	1.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG23	7	1.74
(4,1334)	1:141:A:LYS:HB2	1:149:A:ALA:HA	12	1.74
(4,1334)	1:141:A:LYS:HB3	1:149:A:ALA:HA	12	1.74
(4,1069)	1:141:A:LYS:HA	1:149:A:ALA:HB1	2	1.74
(4,1069)	1:141:A:LYS:HA	1:149:A:ALA:HB2	2	1.74
(4,1069)	1:141:A:LYS:HA	1:149:A:ALA:HB3	2	1.74
(3,1881)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	18	1.74
(3,1881)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	18	1.74
(3,1653)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	13	1.74
(3,1653)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	13	1.74
(3,1653)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	13	1.74
(3,1355)	1:106:A:ASP:HA	1:112:A:GLN:HE21	19	1.74
(3,1228)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	17	1.74
(3,1228)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	17	1.74
(3,1228)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	17	1.74
(3,1228)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	17	1.74
(3,1228)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	17	1.74
(3,1228)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	17	1.74
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD11	16	1.74
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD12	16	1.74
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD13	16	1.74
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD11	16	1.74
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD12	16	1.74
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD13	16	1.74
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD11	16	1.74
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD12	16	1.74
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD13	16	1.74
(3,807)	1:11:A:ILE:HD11	1:43:A:MET:HG3	2	1.74
(3,807)	1:11:A:ILE:HD12	1:43:A:MET:HG3	2	1.74
(3,807)	1:11:A:ILE:HD13	1:43:A:MET:HG3	2	1.74
(3,662)	1:100:A:ALA:H	1:119:A:LEU:HG	14	1.74
(3,278)	1:113:A:PHE:H	1:116:A:GLN:HG3	1	1.74
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	18	1.74
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	18	1.74
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	18	1.74
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	18	1.74
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	18	1.74
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	18	1.74
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	18	1.74
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	18	1.74
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	18	1.74
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	18	1.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	18	1.74
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	18	1.74
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	18	1.74
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	18	1.74
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	18	1.74
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	18	1.74
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	18	1.74
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	18	1.74
(2,2165)	1:43:A:MET:HE1	1:131:A:LEU:HD11	18	1.74
(2,2165)	1:43:A:MET:HE1	1:131:A:LEU:HD12	18	1.74
(2,2165)	1:43:A:MET:HE1	1:131:A:LEU:HD13	18	1.74
(2,2165)	1:43:A:MET:HE1	1:131:A:LEU:HD21	18	1.74
(2,2165)	1:43:A:MET:HE1	1:131:A:LEU:HD22	18	1.74
(2,2165)	1:43:A:MET:HE1	1:131:A:LEU:HD23	18	1.74
(2,2165)	1:43:A:MET:HE2	1:131:A:LEU:HD11	18	1.74
(2,2165)	1:43:A:MET:HE2	1:131:A:LEU:HD12	18	1.74
(2,2165)	1:43:A:MET:HE2	1:131:A:LEU:HD13	18	1.74
(2,2165)	1:43:A:MET:HE2	1:131:A:LEU:HD21	18	1.74
(2,2165)	1:43:A:MET:HE2	1:131:A:LEU:HD22	18	1.74
(2,2165)	1:43:A:MET:HE2	1:131:A:LEU:HD23	18	1.74
(2,2165)	1:43:A:MET:HE3	1:131:A:LEU:HD11	18	1.74
(2,2165)	1:43:A:MET:HE3	1:131:A:LEU:HD12	18	1.74
(2,2165)	1:43:A:MET:HE3	1:131:A:LEU:HD13	18	1.74
(2,2165)	1:43:A:MET:HE3	1:131:A:LEU:HD21	18	1.74
(2,2165)	1:43:A:MET:HE3	1:131:A:LEU:HD22	18	1.74
(2,2165)	1:43:A:MET:HE3	1:131:A:LEU:HD23	18	1.74
(2,1880)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	18	1.74
(2,1880)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	18	1.74
(2,1805)	1:13:A:ALA:H	1:80:A:TYR:HD1	8	1.74
(2,1805)	1:13:A:ALA:H	1:80:A:TYR:HD2	8	1.74
(2,1638)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	13	1.74
(2,1638)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	13	1.74
(2,1638)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	13	1.74
(2,1462)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	5	1.74
(2,1462)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	5	1.74
(2,1462)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	5	1.74
(2,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	8	1.74
(2,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	8	1.74
(2,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	8	1.74
(2,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	8	1.74
(2,580)	1:126:A:GLY:H	1:129:A:LYS:HG2	19	1.74
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	14	1.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	14	1.74
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	14	1.74
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	14	1.74
(1,1353)	1:141:A:LYS:HB2	1:149:A:ALA:HA	12	1.74
(1,1353)	1:141:A:LYS:HB3	1:149:A:ALA:HA	12	1.74
(1,1100)	1:141:A:LYS:HA	1:149:A:ALA:HB1	2	1.74
(1,1100)	1:141:A:LYS:HA	1:149:A:ALA:HB2	2	1.74
(1,1100)	1:141:A:LYS:HA	1:149:A:ALA:HB3	2	1.74
(1,1035)	1:113:A:PHE:HA	1:116:A:GLN:HG3	4	1.74
(1,662)	1:96:A:VAL:HA	1:116:A:GLN:HE22	18	1.74
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG11	3	1.73
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG12	3	1.73
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG13	3	1.73
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	3	1.73
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	3	1.73
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	3	1.73
(34,802)	1:11:A:ILE:HD11	1:14:A:VAL:HB	19	1.73
(34,802)	1:11:A:ILE:HD12	1:14:A:VAL:HB	19	1.73
(34,802)	1:11:A:ILE:HD13	1:14:A:VAL:HB	19	1.73
(33,1616)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	13	1.73
(33,1616)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	13	1.73
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD11	10	1.73
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD12	10	1.73
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD13	10	1.73
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD21	10	1.73
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD22	10	1.73
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD23	10	1.73
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE1	7	1.73
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE2	7	1.73
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE1	7	1.73
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE2	7	1.73
(32,1611)	1:132:A:ALA:HA	1:134:A:VAL:HG21	6	1.73
(32,1611)	1:132:A:ALA:HA	1:134:A:VAL:HG22	6	1.73
(32,1611)	1:132:A:ALA:HA	1:134:A:VAL:HG23	6	1.73
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	2	1.73
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	2	1.73
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	2	1.73
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	2	1.73
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	2	1.73
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	2	1.73
(30,1374)	1:132:A:ALA:HA	1:134:A:VAL:HG21	6	1.73
(30,1374)	1:132:A:ALA:HA	1:134:A:VAL:HG22	6	1.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1374)	1:132:A:ALA:HA	1:134:A:VAL:HG23	6	1.73
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD21	13	1.73
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD22	13	1.73
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD23	13	1.73
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD21	13	1.73
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD22	13	1.73
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD23	13	1.73
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD11	3	1.73
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD12	3	1.73
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD13	3	1.73
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD21	3	1.73
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD22	3	1.73
(29,2058)	1:25:A:ALA:H	1:30:A:LEU:HD23	3	1.73
(29,1383)	1:132:A:ALA:HA	1:134:A:VAL:HG21	6	1.73
(29,1383)	1:132:A:ALA:HA	1:134:A:VAL:HG22	6	1.73
(29,1383)	1:132:A:ALA:HA	1:134:A:VAL:HG23	6	1.73
(19,16)	1:52:A:CYS:SG	1:56:A:CYS:CB	7	1.73
(19,8)	1:123:A:CYS:SG	1:59:A:CYS:CB	3	1.73
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD11	1	1.73
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD12	1	1.73
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD13	1	1.73
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD21	1	1.73
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD22	1	1.73
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD23	1	1.73
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	5	1.73
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	5	1.73
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	5	1.73
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	5	1.73
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	5	1.73
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	5	1.73
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	5	1.73
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	5	1.73
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	5	1.73
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	5	1.73
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	5	1.73
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	5	1.73
(18,1684)	1:43:A:MET:HE1	1:131:A:LEU:HB3	10	1.73
(18,1684)	1:43:A:MET:HE2	1:131:A:LEU:HB3	10	1.73
(18,1684)	1:43:A:MET:HE3	1:131:A:LEU:HB3	10	1.73
(18,970)	1:66:A:THR:H	1:96:A:VAL:HB	10	1.73
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	16	1.73
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	16	1.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	16	1.73
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	16	1.73
(16,2239)	1:69:A:MET:HG2	1:76:A:ARG:HB3	3	1.73
(16,2239)	1:69:A:MET:HG3	1:76:A:ARG:HB3	3	1.73
(16,1613)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	13	1.73
(16,1613)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	13	1.73
(16,1380)	1:132:A:ALA:HA	1:134:A:VAL:HG21	6	1.73
(16,1380)	1:132:A:ALA:HA	1:134:A:VAL:HG22	6	1.73
(16,1380)	1:132:A:ALA:HA	1:134:A:VAL:HG23	6	1.73
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG21	14	1.73
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG22	14	1.73
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG23	14	1.73
(16,1036)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	6	1.73
(16,1036)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	6	1.73
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB2	11	1.73
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB3	11	1.73
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB2	11	1.73
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB3	11	1.73
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB2	11	1.73
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB3	11	1.73
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB2	11	1.73
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB3	11	1.73
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB2	11	1.73
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB3	11	1.73
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB2	11	1.73
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB3	11	1.73
(15,1939)	1:11:A:ILE:HG13	1:44:A:GLU:HG2	15	1.73
(15,1939)	1:11:A:ILE:HG13	1:44:A:GLU:HG3	15	1.73
(15,1649)	1:132:A:ALA:HA	1:134:A:VAL:HG21	6	1.73
(15,1649)	1:132:A:ALA:HA	1:134:A:VAL:HG22	6	1.73
(15,1649)	1:132:A:ALA:HA	1:134:A:VAL:HG23	6	1.73
(15,801)	1:11:A:ILE:HD11	1:14:A:VAL:HB	19	1.73
(15,801)	1:11:A:ILE:HD12	1:14:A:VAL:HB	19	1.73
(15,801)	1:11:A:ILE:HD13	1:14:A:VAL:HB	19	1.73
(15,594)	1:75:A:GLY:H	1:77:A:CYS:HB3	12	1.73
(15,585)	1:148:A:CYS:HA	1:150:A:THR:H	3	1.73
(15,585)	1:148:A:CYS:HA	1:150:A:THR:H	14	1.73
(15,14)	1:64:A:LYS:H	1:116:A:GLN:HG2	17	1.73
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	12	1.73
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	12	1.73
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	12	1.73
(11,2419)	1:134:A:VAL:HG11	1:137:A:SER:HB2	17	1.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2419)	1:134:A:VAL:HG11	1:137:A:SER:HB3	17	1.73
(11,2419)	1:134:A:VAL:HG12	1:137:A:SER:HB2	17	1.73
(11,2419)	1:134:A:VAL:HG12	1:137:A:SER:HB3	17	1.73
(11,2419)	1:134:A:VAL:HG13	1:137:A:SER:HB2	17	1.73
(11,2419)	1:134:A:VAL:HG13	1:137:A:SER:HB3	17	1.73
(11,2419)	1:134:A:VAL:HG21	1:137:A:SER:HB2	17	1.73
(11,2419)	1:134:A:VAL:HG21	1:137:A:SER:HB3	17	1.73
(11,2419)	1:134:A:VAL:HG22	1:137:A:SER:HB2	17	1.73
(11,2419)	1:134:A:VAL:HG22	1:137:A:SER:HB3	17	1.73
(11,2419)	1:134:A:VAL:HG23	1:137:A:SER:HB2	17	1.73
(11,2419)	1:134:A:VAL:HG23	1:137:A:SER:HB3	17	1.73
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD21	15	1.73
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD22	15	1.73
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD23	15	1.73
(11,1657)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	13	1.73
(11,1657)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	13	1.73
(11,795)	1:11:A:ILE:HD11	1:14:A:VAL:HB	19	1.73
(11,795)	1:11:A:ILE:HD12	1:14:A:VAL:HB	19	1.73
(11,795)	1:11:A:ILE:HD13	1:14:A:VAL:HB	19	1.73
(9,1644)	1:132:A:ALA:HA	1:134:A:VAL:HG21	6	1.73
(9,1644)	1:132:A:ALA:HA	1:134:A:VAL:HG22	6	1.73
(9,1644)	1:132:A:ALA:HA	1:134:A:VAL:HG23	6	1.73
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD11	10	1.73
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD12	10	1.73
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD13	10	1.73
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD21	10	1.73
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD22	10	1.73
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD23	10	1.73
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD11	10	1.73
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD12	10	1.73
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD13	10	1.73
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD21	10	1.73
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD22	10	1.73
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD23	10	1.73
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD11	14	1.73
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD12	14	1.73
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD13	14	1.73
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD21	14	1.73
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD22	14	1.73
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD23	14	1.73
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	8	1.73
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	8	1.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	8	1.73
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	8	1.73
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD2	8	1.73
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD3	8	1.73
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD2	8	1.73
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD3	8	1.73
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD2	8	1.73
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD3	8	1.73
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	5	1.73
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	5	1.73
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	5	1.73
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	5	1.73
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	5	1.73
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	5	1.73
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	5	1.73
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	5	1.73
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	5	1.73
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	5	1.73
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	5	1.73
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	5	1.73
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	8	1.73
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	8	1.73
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	8	1.73
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	8	1.73
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	8	1.73
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	8	1.73
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	8	1.73
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	8	1.73
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	8	1.73
(5,1925)	1:150:A:THR:H	1:151:A:PHE:HD1	11	1.73
(5,1925)	1:150:A:THR:H	1:151:A:PHE:HD2	11	1.73
(5,1395)	1:132:A:ALA:HA	1:134:A:VAL:HG21	6	1.73
(5,1395)	1:132:A:ALA:HA	1:134:A:VAL:HG22	6	1.73
(5,1395)	1:132:A:ALA:HA	1:134:A:VAL:HG23	6	1.73
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	16	1.73
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	16	1.73
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	16	1.73
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	16	1.73
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE1	7	1.73
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE2	7	1.73
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE1	7	1.73
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE2	7	1.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1656)	1:31:A:PRO:HG2	1:80:A:TYR:HB2	13	1.73
(3,1656)	1:31:A:PRO:HG3	1:80:A:TYR:HB2	13	1.73
(2,1845)	1:9:A:PHE:HZ	1:54:A:ARG:HE	9	1.73
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD21	1	1.73
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD22	1	1.73
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD23	1	1.73
(2,791)	1:11:A:ILE:HD11	1:14:A:VAL:HB	19	1.73
(2,791)	1:11:A:ILE:HD12	1:14:A:VAL:HB	19	1.73
(2,791)	1:11:A:ILE:HD13	1:14:A:VAL:HB	19	1.73
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG11	11	1.73
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG12	11	1.73
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG13	11	1.73
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG21	11	1.73
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG22	11	1.73
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG23	11	1.73
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG11	11	1.73
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG12	11	1.73
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG13	11	1.73
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG21	11	1.73
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG22	11	1.73
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG23	11	1.73
(1,1881)	1:9:A:PHE:HE1	1:14:A:VAL:HB	3	1.73
(1,1881)	1:9:A:PHE:HE2	1:14:A:VAL:HB	3	1.73
(1,1753)	1:31:A:PRO:HB2	1:35:A:LEU:HA	13	1.73
(1,1753)	1:31:A:PRO:HB3	1:35:A:LEU:HA	13	1.73
(1,1638)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	16	1.73
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD11	7	1.72
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD12	7	1.72
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD13	7	1.72
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD21	7	1.72
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD22	7	1.72
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD23	7	1.72
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD11	7	1.72
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD12	7	1.72
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD13	7	1.72
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD21	7	1.72
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD22	7	1.72
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD23	7	1.72
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD11	7	1.72
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD12	7	1.72
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD13	7	1.72
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD21	7	1.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD22	7	1.72
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD23	7	1.72
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE1	9	1.72
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE2	9	1.72
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE3	9	1.72
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE1	17	1.72
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE2	17	1.72
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE1	17	1.72
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE2	17	1.72
(32,1817)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	14	1.72
(32,1817)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	14	1.72
(32,1817)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	14	1.72
(32,1817)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	14	1.72
(30,2426)	1:136:A:CYS:HB2	1:141:A:LYS:HA	12	1.72
(30,2426)	1:136:A:CYS:HB3	1:141:A:LYS:HA	12	1.72
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD11	8	1.72
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD12	8	1.72
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD13	8	1.72
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD21	8	1.72
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD22	8	1.72
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD23	8	1.72
(30,2063)	1:34:A:LYS:H	1:81:A:GLU:HB2	6	1.72
(30,2063)	1:34:A:LYS:H	1:81:A:GLU:HB3	6	1.72
(30,1202)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	11	1.72
(30,1202)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	11	1.72
(30,1202)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	11	1.72
(30,1202)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	11	1.72
(30,1202)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	11	1.72
(30,1202)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	11	1.72
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD11	8	1.72
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD12	8	1.72
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD13	8	1.72
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD21	8	1.72
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD22	8	1.72
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD23	8	1.72
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE1	9	1.72
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE2	9	1.72
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE3	9	1.72
(29,966)	1:66:A:THR:H	1:96:A:VAL:HB	10	1.72
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD11	7	1.72
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD12	7	1.72
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD13	7	1.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD21	7	1.72
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD22	7	1.72
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD23	7	1.72
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD11	7	1.72
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD12	7	1.72
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD13	7	1.72
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD21	7	1.72
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD22	7	1.72
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD23	7	1.72
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD11	7	1.72
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD12	7	1.72
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD13	7	1.72
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD21	7	1.72
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD22	7	1.72
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD23	7	1.72
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD1	18	1.72
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD2	18	1.72
(18,514)	1:101:A:ILE:HG13	1:105:A:LYS:H	14	1.72
(17,2031)	1:17:A:ASN:HD21	1:113:A:PHE:HE1	9	1.72
(17,2031)	1:17:A:ASN:HD21	1:113:A:PHE:HE2	9	1.72
(17,2031)	1:17:A:ASN:HD22	1:113:A:PHE:HE1	9	1.72
(17,2031)	1:17:A:ASN:HD22	1:113:A:PHE:HE2	9	1.72
(17,982)	1:47:A:ALA:HB1	1:134:A:VAL:HB	13	1.72
(17,982)	1:47:A:ALA:HB2	1:134:A:VAL:HB	13	1.72
(17,982)	1:47:A:ALA:HB3	1:134:A:VAL:HB	13	1.72
(16,2090)	1:35:A:LEU:HD11	1:143:A:TRP:HA	9	1.72
(16,2090)	1:35:A:LEU:HD12	1:143:A:TRP:HA	9	1.72
(16,2090)	1:35:A:LEU:HD13	1:143:A:TRP:HA	9	1.72
(16,2090)	1:35:A:LEU:HD21	1:143:A:TRP:HA	9	1.72
(16,2090)	1:35:A:LEU:HD22	1:143:A:TRP:HA	9	1.72
(16,2090)	1:35:A:LEU:HD23	1:143:A:TRP:HA	9	1.72
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD11	5	1.72
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD12	5	1.72
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD13	5	1.72
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD21	5	1.72
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD22	5	1.72
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD23	5	1.72
(16,1888)	1:150:A:THR:H	1:151:A:PHE:HD1	14	1.72
(16,1888)	1:150:A:THR:H	1:151:A:PHE:HD2	14	1.72
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	11	1.72
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	11	1.72
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	11	1.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	11	1.72
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	11	1.72
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	11	1.72
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	11	1.72
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	11	1.72
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	11	1.72
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	11	1.72
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	11	1.72
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	11	1.72
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	11	1.72
(15,1950)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	5	1.72
(15,1950)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	5	1.72
(15,1950)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	5	1.72
(15,1950)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	5	1.72
(15,1950)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	5	1.72
(15,1950)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	5	1.72
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	12	1.72
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	12	1.72
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	12	1.72
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	12	1.72
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	12	1.72
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	12	1.72
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	12	1.72
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	12	1.72
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	12	1.72
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	12	1.72
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	12	1.72
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	12	1.72
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	1	1.72
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	1	1.72
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	1	1.72
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	1	1.72
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	1	1.72
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	1	1.72
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	1	1.72
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	1	1.72
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	1	1.72
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	1	1.72
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	1	1.72
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	1	1.72
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD11	7	1.72
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD12	7	1.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD13	7	1.72
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD21	7	1.72
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD22	7	1.72
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD23	7	1.72
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD11	7	1.72
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD12	7	1.72
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD13	7	1.72
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD21	7	1.72
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD22	7	1.72
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD23	7	1.72
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD11	7	1.72
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD12	7	1.72
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD13	7	1.72
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD21	7	1.72
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD22	7	1.72
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD23	7	1.72
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE1	4	1.72
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE2	4	1.72
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE3	4	1.72
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE1	4	1.72
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE2	4	1.72
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE3	4	1.72
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE1	4	1.72
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE2	4	1.72
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE3	4	1.72
(13,873)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	12	1.72
(13,873)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	12	1.72
(13,873)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	12	1.72
(11,2004)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	1	1.72
(11,2004)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	1	1.72
(11,2004)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	1	1.72
(11,2004)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	1	1.72
(11,2004)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	1	1.72
(11,2004)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	1	1.72
(9,2001)	1:17:A:ASN:HD21	1:78:A:HIS:H	18	1.72
(9,2001)	1:17:A:ASN:HD22	1:78:A:HIS:H	18	1.72
(9,1943)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	10	1.72
(9,1943)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	10	1.72
(9,1943)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	10	1.72
(9,1943)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	10	1.72
(7,785)	1:11:A:ILE:HD11	1:14:A:VAL:HB	19	1.72
(7,785)	1:11:A:ILE:HD12	1:14:A:VAL:HB	19	1.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,785)	1:11:A:ILE:HD13	1:14:A:VAL:HB	19	1.72
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG2	13	1.72
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG3	13	1.72
(6,2064)	1:34:A:LYS:H	1:81:A:GLU:HB2	6	1.72
(6,2064)	1:34:A:LYS:H	1:81:A:GLU:HB3	6	1.72
(6,2028)	1:17:A:ASN:HD21	1:78:A:HIS:H	18	1.72
(6,2028)	1:17:A:ASN:HD22	1:78:A:HIS:H	18	1.72
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	8	1.72
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	8	1.72
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	8	1.72
(6,814)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	17	1.72
(6,814)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	17	1.72
(6,814)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	17	1.72
(5,2048)	1:34:A:LYS:H	1:81:A:GLU:HB2	6	1.72
(5,2048)	1:34:A:LYS:H	1:81:A:GLU:HB3	6	1.72
(5,2044)	1:31:A:PRO:HB2	1:144:A:LEU:HB2	11	1.72
(5,2044)	1:31:A:PRO:HB2	1:144:A:LEU:HB3	11	1.72
(5,2044)	1:31:A:PRO:HB3	1:144:A:LEU:HB2	11	1.72
(5,2044)	1:31:A:PRO:HB3	1:144:A:LEU:HB3	11	1.72
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG11	9	1.72
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG12	9	1.72
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG13	9	1.72
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG21	9	1.72
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG22	9	1.72
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG23	9	1.72
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG11	9	1.72
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG12	9	1.72
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG13	9	1.72
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG21	9	1.72
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG22	9	1.72
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG23	9	1.72
(5,1576)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	4	1.72
(5,1576)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	4	1.72
(5,1576)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	4	1.72
(5,1310)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	14	1.72
(5,1310)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	14	1.72
(5,1310)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	14	1.72
(5,1310)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	14	1.72
(5,1310)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	14	1.72
(5,1310)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	14	1.72
(5,1310)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	19	1.72
(5,1310)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	19	1.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1310)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	19	1.72
(5,1310)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	19	1.72
(5,1310)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	19	1.72
(5,1310)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	19	1.72
(5,922)	1:108:A:GLU:HG3	1:112:A:GLN:H	5	1.72
(5,705)	1:28:A:GLY:H	1:30:A:LEU:HB2	12	1.72
(5,705)	1:28:A:GLY:H	1:30:A:LEU:HB3	12	1.72
(3,2466)	1:134:A:VAL:HG11	1:137:A:SER:HB2	7	1.72
(3,2466)	1:134:A:VAL:HG11	1:137:A:SER:HB3	7	1.72
(3,2466)	1:134:A:VAL:HG12	1:137:A:SER:HB2	7	1.72
(3,2466)	1:134:A:VAL:HG12	1:137:A:SER:HB3	7	1.72
(3,2466)	1:134:A:VAL:HG13	1:137:A:SER:HB2	7	1.72
(3,2466)	1:134:A:VAL:HG13	1:137:A:SER:HB3	7	1.72
(3,2466)	1:134:A:VAL:HG21	1:137:A:SER:HB2	7	1.72
(3,2466)	1:134:A:VAL:HG21	1:137:A:SER:HB3	7	1.72
(3,2466)	1:134:A:VAL:HG22	1:137:A:SER:HB2	7	1.72
(3,2466)	1:134:A:VAL:HG22	1:137:A:SER:HB3	7	1.72
(3,2466)	1:134:A:VAL:HG23	1:137:A:SER:HB2	7	1.72
(3,2466)	1:134:A:VAL:HG23	1:137:A:SER:HB3	7	1.72
(3,2465)	1:134:A:VAL:HG11	1:137:A:SER:H	7	1.72
(3,2465)	1:134:A:VAL:HG12	1:137:A:SER:H	7	1.72
(3,2465)	1:134:A:VAL:HG13	1:137:A:SER:H	7	1.72
(3,2465)	1:134:A:VAL:HG21	1:137:A:SER:H	7	1.72
(3,2465)	1:134:A:VAL:HG22	1:137:A:SER:H	7	1.72
(3,2465)	1:134:A:VAL:HG23	1:137:A:SER:H	7	1.72
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE1	17	1.72
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE2	17	1.72
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE1	17	1.72
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE2	17	1.72
(3,2007)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	1	1.72
(3,2007)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	1	1.72
(3,2007)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	1	1.72
(3,2007)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	1	1.72
(3,2007)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	1	1.72
(3,2007)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	1	1.72
(3,1996)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	6	1.72
(3,1996)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	6	1.72
(3,1996)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	6	1.72
(3,1996)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	6	1.72
(3,1996)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	6	1.72
(3,1996)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	6	1.72
(3,1996)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	6	1.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1996)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	6	1.72
(3,1996)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	6	1.72
(3,1996)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	6	1.72
(3,1996)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	6	1.72
(3,1996)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	6	1.72
(3,1976)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	10	1.72
(3,1976)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	10	1.72
(3,1976)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	10	1.72
(3,1976)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	10	1.72
(3,1476)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	3	1.72
(3,1476)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	3	1.72
(3,1476)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	3	1.72
(3,1379)	1:13:A:ALA:H	1:79:A:THR:HG21	11	1.72
(3,1379)	1:13:A:ALA:H	1:79:A:THR:HG22	11	1.72
(3,1379)	1:13:A:ALA:H	1:79:A:THR:HG23	11	1.72
(3,917)	1:21:A:THR:HB	1:24:A:ASP:H	2	1.72
(3,917)	1:21:A:THR:HB	1:24:A:ASP:H	7	1.72
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG11	3	1.72
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG12	3	1.72
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG13	3	1.72
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG21	3	1.72
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG22	3	1.72
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG23	3	1.72
(2,1640)	1:10:A:ASN:HB3	1:61:A:SER:HA	15	1.72
(2,1136)	1:10:A:ASN:HD22	1:80:A:TYR:HA	19	1.72
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	8	1.72
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	8	1.72
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	8	1.72
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	8	1.72
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	8	1.72
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	8	1.72
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE1	8	1.72
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE2	8	1.72
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG21	15	1.72
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG22	15	1.72
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG23	15	1.72
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG21	15	1.72
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG22	15	1.72
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG23	15	1.72
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG21	15	1.72
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG22	15	1.72
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG23	15	1.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1903)	1:18:A:PHE:HE1	1:57:A:LEU:HG	4	1.71
(34,1903)	1:18:A:PHE:HE2	1:57:A:LEU:HG	4	1.71
(34,1796)	1:13:A:ALA:H	1:80:A:TYR:HD1	9	1.71
(34,1796)	1:13:A:ALA:H	1:80:A:TYR:HD2	9	1.71
(34,908)	1:10:A:ASN:HD22	1:11:A:ILE:HB	18	1.71
(34,572)	1:10:A:ASN:HD21	1:11:A:ILE:HB	15	1.71
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD11	10	1.71
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD12	10	1.71
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD13	10	1.71
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD21	10	1.71
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD22	10	1.71
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD23	10	1.71
(33,1620)	1:31:A:PRO:HG2	1:80:A:TYR:HB3	13	1.71
(33,1620)	1:31:A:PRO:HG3	1:80:A:TYR:HB3	13	1.71
(33,1618)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	8	1.71
(33,832)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	8	1.71
(33,832)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	8	1.71
(33,832)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	8	1.71
(33,832)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	8	1.71
(32,809)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	8	1.71
(32,809)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	8	1.71
(32,809)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	8	1.71
(32,809)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	8	1.71
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD11	12	1.71
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD12	12	1.71
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD13	12	1.71
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD21	12	1.71
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD22	12	1.71
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD23	12	1.71
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE1	15	1.71
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE2	15	1.71
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE3	15	1.71
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE1	15	1.71
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE2	15	1.71
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE3	15	1.71
(30,482)	1:145:A:PRO:HB2	1:148:A:CYS:H	19	1.71
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD11	12	1.71
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD12	12	1.71
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD13	12	1.71
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD21	12	1.71
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD22	12	1.71
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD23	12	1.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD11	15	1.71
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD12	15	1.71
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD13	15	1.71
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD21	15	1.71
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD22	15	1.71
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD23	15	1.71
(29,1804)	1:13:A:ALA:H	1:80:A:TYR:HD1	9	1.71
(29,1804)	1:13:A:ALA:H	1:80:A:TYR:HD2	9	1.71
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	11	1.71
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	11	1.71
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	11	1.71
(29,727)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	17	1.71
(29,727)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	17	1.71
(29,727)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	17	1.71
(19,11)	1:127:A:CYS:SG	1:56:A:CYS:CB	13	1.71
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	11	1.71
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	11	1.71
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	11	1.71
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD21	11	1.71
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD22	11	1.71
(18,2048)	1:29:A:LYS:HB2	1:144:A:LEU:HD23	11	1.71
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	11	1.71
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	11	1.71
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	11	1.71
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD21	11	1.71
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD22	11	1.71
(18,2048)	1:29:A:LYS:HB3	1:144:A:LEU:HD23	11	1.71
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	15	1.71
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	15	1.71
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	15	1.71
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	15	1.71
(17,1796)	1:13:A:ALA:H	1:80:A:TYR:HD1	9	1.71
(17,1796)	1:13:A:ALA:H	1:80:A:TYR:HD2	9	1.71
(17,1163)	1:13:A:ALA:HB1	1:80:A:TYR:HA	9	1.71
(17,1163)	1:13:A:ALA:HB2	1:80:A:TYR:HA	9	1.71
(17,1163)	1:13:A:ALA:HB3	1:80:A:TYR:HA	9	1.71
(16,1961)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	3	1.71
(16,1961)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	3	1.71
(16,1961)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	3	1.71
(16,1961)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	3	1.71
(16,1961)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	3	1.71
(16,1961)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	3	1.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1961)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	3	1.71
(16,1961)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	3	1.71
(16,1961)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	3	1.71
(16,1961)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	3	1.71
(16,1961)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	3	1.71
(16,1961)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	3	1.71
(16,1882)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	16	1.71
(16,1882)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	16	1.71
(16,1882)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	16	1.71
(16,1882)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	16	1.71
(16,1882)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	16	1.71
(16,1882)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	16	1.71
(16,1615)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	8	1.71
(16,1215)	1:41:A:LYS:HG3	1:42:A:GLU:HB3	19	1.71
(15,2263)	1:79:A:THR:HG21	1:81:A:GLU:HB2	18	1.71
(15,2263)	1:79:A:THR:HG21	1:81:A:GLU:HB3	18	1.71
(15,2263)	1:79:A:THR:HG22	1:81:A:GLU:HB2	18	1.71
(15,2263)	1:79:A:THR:HG22	1:81:A:GLU:HB3	18	1.71
(15,2263)	1:79:A:THR:HG23	1:81:A:GLU:HB2	18	1.71
(15,2263)	1:79:A:THR:HG23	1:81:A:GLU:HB3	18	1.71
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	13	1.71
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	13	1.71
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	13	1.71
(15,585)	1:148:A:CYS:HA	1:150:A:THR:H	9	1.71
(15,585)	1:148:A:CYS:HA	1:150:A:THR:H	18	1.71
(13,1745)	1:13:A:ALA:H	1:80:A:TYR:HD1	9	1.71
(13,1745)	1:13:A:ALA:H	1:80:A:TYR:HD2	9	1.71
(13,813)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	8	1.71
(13,813)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	8	1.71
(13,813)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	8	1.71
(13,813)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	8	1.71
(13,568)	1:11:A:ILE:HD11	1:16:A:SER:H	15	1.71
(13,568)	1:11:A:ILE:HD12	1:16:A:SER:H	15	1.71
(13,568)	1:11:A:ILE:HD13	1:16:A:SER:H	15	1.71
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	4	1.71
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	4	1.71
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	4	1.71
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	4	1.71
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	4	1.71
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	4	1.71
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	4	1.71
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	4	1.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	4	1.71
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	4	1.71
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	4	1.71
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	4	1.71
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	4	1.71
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	4	1.71
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	4	1.71
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	4	1.71
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	4	1.71
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	4	1.71
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD2	14	1.71
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD3	14	1.71
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD2	14	1.71
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD3	14	1.71
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD2	14	1.71
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD3	14	1.71
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB2	5	1.71
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB3	5	1.71
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB2	5	1.71
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB3	5	1.71
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB2	5	1.71
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB3	5	1.71
(11,1118)	1:146:A:GLN:HA	1:147:A:ARG:HG2	3	1.71
(11,1118)	1:146:A:GLN:HA	1:147:A:ARG:HG3	3	1.71
(11,940)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	4	1.71
(11,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	8	1.71
(11,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	8	1.71
(11,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	8	1.71
(11,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	8	1.71
(9,1463)	1:67:A:PRO:HD3	1:95:A:ILE:HA	13	1.71
(9,1451)	1:13:A:ALA:HB1	1:78:A:HIS:HA	13	1.71
(9,1451)	1:13:A:ALA:HB2	1:78:A:HIS:HA	13	1.71
(9,1451)	1:13:A:ALA:HB3	1:78:A:HIS:HA	13	1.71
(9,934)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	10	1.71
(9,934)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	10	1.71
(9,934)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	10	1.71
(9,934)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	10	1.71
(9,934)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	10	1.71
(9,934)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	10	1.71
(9,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	8	1.71
(9,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	8	1.71
(9,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	8	1.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	8	1.71
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	16	1.71
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	16	1.71
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	16	1.71
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	16	1.71
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	16	1.71
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	16	1.71
(9,743)	1:105:A:LYS:HG2	1:112:A:GLN:HE21	17	1.71
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD11	12	1.71
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD12	12	1.71
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD13	12	1.71
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD21	12	1.71
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD22	12	1.71
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD23	12	1.71
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD11	12	1.71
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD12	12	1.71
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD13	12	1.71
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD21	12	1.71
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD22	12	1.71
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD23	12	1.71
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD11	19	1.71
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD12	19	1.71
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD13	19	1.71
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD21	19	1.71
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD22	19	1.71
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD23	19	1.71
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD11	19	1.71
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD12	19	1.71
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD13	19	1.71
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD21	19	1.71
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD22	19	1.71
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD23	19	1.71
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	17	1.71
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	17	1.71
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	17	1.71
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	17	1.71
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	17	1.71
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	17	1.71
(7,1747)	1:13:A:ALA:H	1:80:A:TYR:HD1	9	1.71
(7,1747)	1:13:A:ALA:H	1:80:A:TYR:HD2	9	1.71
(7,1209)	1:79:A:THR:HG21	1:81:A:GLU:HA	7	1.71
(7,1209)	1:79:A:THR:HG22	1:81:A:GLU:HA	7	1.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1209)	1:79:A:THR:HG23	1:81:A:GLU:HA	7	1.71
(7,1133)	1:13:A:ALA:HB1	1:80:A:TYR:HA	9	1.71
(7,1133)	1:13:A:ALA:HB2	1:80:A:TYR:HA	9	1.71
(7,1133)	1:13:A:ALA:HB3	1:80:A:TYR:HA	9	1.71
(7,484)	1:145:A:PRO:HB3	1:148:A:CYS:H	2	1.71
(7,484)	1:145:A:PRO:HB3	1:148:A:CYS:H	13	1.71
(5,1727)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	1	1.71
(5,1727)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	1	1.71
(5,1727)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	1	1.71
(5,916)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	3	1.71
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	16	1.71
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	16	1.71
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	16	1.71
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	16	1.71
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	16	1.71
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	16	1.71
(5,755)	1:32:A:GLY:HA2	1:34:A:LYS:H	6	1.71
(5,569)	1:11:A:ILE:HD11	1:16:A:SER:H	15	1.71
(5,569)	1:11:A:ILE:HD12	1:16:A:SER:H	15	1.71
(5,569)	1:11:A:ILE:HD13	1:16:A:SER:H	15	1.71
(5,367)	1:41:A:LYS:H	1:44:A:GLU:HG3	9	1.71
(4,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	8	1.71
(4,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	8	1.71
(4,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	8	1.71
(4,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	8	1.71
(4,43)	1:98:A:ILE:H	1:104:A:PHE:HB2	5	1.71
(3,774)	1:12:A:VAL:H	1:40:A:LEU:HD21	3	1.71
(3,774)	1:12:A:VAL:H	1:40:A:LEU:HD22	3	1.71
(3,774)	1:12:A:VAL:H	1:40:A:LEU:HD23	3	1.71
(2,1968)	1:10:A:ASN:HB3	1:61:A:SER:HB2	15	1.71
(2,1968)	1:10:A:ASN:HB3	1:61:A:SER:HB3	15	1.71
(2,1922)	1:18:A:PHE:HE1	1:57:A:LEU:HG	4	1.71
(2,1922)	1:18:A:PHE:HE2	1:57:A:LEU:HG	4	1.71
(2,1873)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	14	1.71
(2,1873)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	14	1.71
(2,1873)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	14	1.71
(2,1873)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	14	1.71
(2,1805)	1:13:A:ALA:H	1:80:A:TYR:HD1	9	1.71
(2,1805)	1:13:A:ALA:H	1:80:A:TYR:HD2	9	1.71
(2,1643)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	10	1.71
(1,1945)	1:10:A:ASN:HB3	1:61:A:SER:HB2	15	1.71
(1,1945)	1:10:A:ASN:HB3	1:61:A:SER:HB3	15	1.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1881)	1:9:A:PHE:HE1	1:14:A:VAL:HB	19	1.71
(1,1881)	1:9:A:PHE:HE2	1:14:A:VAL:HB	19	1.71
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	19	1.71
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	19	1.71
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	19	1.71
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	19	1.71
(1,1638)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	12	1.71
(1,1477)	1:67:A:PRO:HD3	1:95:A:ILE:HA	13	1.71
(1,1161)	1:13:A:ALA:HB1	1:80:A:TYR:HA	9	1.71
(1,1161)	1:13:A:ALA:HB2	1:80:A:TYR:HA	9	1.71
(1,1161)	1:13:A:ALA:HB3	1:80:A:TYR:HA	9	1.71
(1,861)	1:43:A:MET:HE1	1:131:A:LEU:HB3	4	1.71
(1,861)	1:43:A:MET:HE2	1:131:A:LEU:HB3	4	1.71
(1,861)	1:43:A:MET:HE3	1:131:A:LEU:HB3	4	1.71
(1,579)	1:11:A:ILE:HD11	1:16:A:SER:H	15	1.71
(1,579)	1:11:A:ILE:HD12	1:16:A:SER:H	15	1.71
(1,579)	1:11:A:ILE:HD13	1:16:A:SER:H	15	1.71
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	4	1.7
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	4	1.7
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	4	1.7
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	4	1.7
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	4	1.7
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	4	1.7
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	4	1.7
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	4	1.7
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	4	1.7
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	4	1.7
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	4	1.7
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	4	1.7
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	4	1.7
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	4	1.7
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	4	1.7
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	4	1.7
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	4	1.7
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	4	1.7
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	12	1.7
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	12	1.7
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	12	1.7
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	12	1.7
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	12	1.7
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	12	1.7
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	12	1.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	12	1.7
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	12	1.7
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	12	1.7
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	12	1.7
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	12	1.7
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	12	1.7
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	12	1.7
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	12	1.7
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	12	1.7
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	12	1.7
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	12	1.7
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD11	12	1.7
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD12	12	1.7
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD13	12	1.7
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD21	12	1.7
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD22	12	1.7
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD23	12	1.7
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD11	12	1.7
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD12	12	1.7
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD13	12	1.7
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD21	12	1.7
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD22	12	1.7
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD23	12	1.7
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD11	12	1.7
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD12	12	1.7
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD13	12	1.7
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD21	12	1.7
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD22	12	1.7
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD23	12	1.7
(34,1248)	1:34:A:LYS:H	1:81:A:GLU:HA	1	1.7
(34,1233)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	11	1.7
(34,1233)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	11	1.7
(34,1233)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	11	1.7
(34,1233)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	11	1.7
(34,1233)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	11	1.7
(34,1233)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	11	1.7
(33,2070)	1:34:A:LYS:HG2	1:81:A:GLU:HB2	19	1.7
(33,2070)	1:34:A:LYS:HG2	1:81:A:GLU:HB3	19	1.7
(33,2070)	1:34:A:LYS:HG3	1:81:A:GLU:HB2	19	1.7
(33,2070)	1:34:A:LYS:HG3	1:81:A:GLU:HB3	19	1.7
(33,1841)	1:13:A:ALA:HA	1:80:A:TYR:HE1	13	1.7
(33,1841)	1:13:A:ALA:HA	1:80:A:TYR:HE2	13	1.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB1	12	1.7
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB2	12	1.7
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB3	12	1.7
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD11	1	1.7
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD12	1	1.7
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD13	1	1.7
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD21	1	1.7
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD22	1	1.7
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD23	1	1.7
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD11	1	1.7
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD12	1	1.7
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD13	1	1.7
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD21	1	1.7
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD22	1	1.7
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD23	1	1.7
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD11	5	1.7
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD12	5	1.7
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD13	5	1.7
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD21	5	1.7
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD22	5	1.7
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD23	5	1.7
(32,1190)	1:34:A:LYS:H	1:81:A:GLU:HA	1	1.7
(32,1188)	1:33:A:LYS:HB2	1:81:A:GLU:HA	6	1.7
(32,1188)	1:33:A:LYS:HB3	1:81:A:GLU:HA	6	1.7
(32,917)	1:11:A:ILE:HD11	1:12:A:VAL:HA	17	1.7
(32,917)	1:11:A:ILE:HD12	1:12:A:VAL:HA	17	1.7
(32,917)	1:11:A:ILE:HD13	1:12:A:VAL:HA	17	1.7
(32,607)	1:35:A:LEU:H	1:80:A:TYR:HB2	6	1.7
(30,2045)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	10	1.7
(30,2045)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	10	1.7
(30,2045)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	10	1.7
(30,2045)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	10	1.7
(30,2045)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	10	1.7
(30,2045)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	10	1.7
(30,2045)	1:27:A:ARG:HB3	1:30:A:LEU:HD11	10	1.7
(30,2045)	1:27:A:ARG:HB3	1:30:A:LEU:HD12	10	1.7
(30,2045)	1:27:A:ARG:HB3	1:30:A:LEU:HD13	10	1.7
(30,2045)	1:27:A:ARG:HB3	1:30:A:LEU:HD21	10	1.7
(30,2045)	1:27:A:ARG:HB3	1:30:A:LEU:HD22	10	1.7
(30,2045)	1:27:A:ARG:HB3	1:30:A:LEU:HD23	10	1.7
(30,1219)	1:34:A:LYS:H	1:81:A:GLU:HA	1	1.7
(30,1217)	1:33:A:LYS:HB2	1:81:A:GLU:HA	6	1.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1217)	1:33:A:LYS:HB3	1:81:A:GLU:HA	6	1.7
(30,919)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	6	1.7
(30,919)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	6	1.7
(30,919)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	6	1.7
(30,919)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	6	1.7
(30,919)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	6	1.7
(30,919)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	6	1.7
(29,1729)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	14	1.7
(29,1382)	1:47:A:ALA:H	1:134:A:VAL:HG11	12	1.7
(29,1382)	1:47:A:ALA:H	1:134:A:VAL:HG12	12	1.7
(29,1382)	1:47:A:ALA:H	1:134:A:VAL:HG13	12	1.7
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD11	12	1.7
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD12	12	1.7
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD13	12	1.7
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD21	12	1.7
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD22	12	1.7
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD23	12	1.7
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD11	12	1.7
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD12	12	1.7
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD13	12	1.7
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD21	12	1.7
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD22	12	1.7
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD23	12	1.7
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD11	12	1.7
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD12	12	1.7
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD13	12	1.7
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD21	12	1.7
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD22	12	1.7
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD23	12	1.7
(18,1832)	1:13:A:ALA:HA	1:80:A:TYR:HE1	10	1.7
(18,1832)	1:13:A:ALA:HA	1:80:A:TYR:HE2	10	1.7
(18,1697)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	14	1.7
(18,988)	1:15:A:ALA:HB1	1:134:A:VAL:HB	7	1.7
(18,988)	1:15:A:ALA:HB2	1:134:A:VAL:HB	7	1.7
(18,988)	1:15:A:ALA:HB3	1:134:A:VAL:HB	7	1.7
(18,982)	1:68:A:LYS:HG2	1:109:A:PRO:HB2	10	1.7
(18,982)	1:68:A:LYS:HG2	1:109:A:PRO:HB3	10	1.7
(18,982)	1:68:A:LYS:HG3	1:109:A:PRO:HB2	10	1.7
(18,982)	1:68:A:LYS:HG3	1:109:A:PRO:HB3	10	1.7
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD11	9	1.7
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD12	9	1.7
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD13	9	1.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD21	9	1.7
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD22	9	1.7
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD23	9	1.7
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD11	9	1.7
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD12	9	1.7
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD13	9	1.7
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD21	9	1.7
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD22	9	1.7
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD23	9	1.7
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD11	9	1.7
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD12	9	1.7
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD13	9	1.7
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD21	9	1.7
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD22	9	1.7
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD23	9	1.7
(17,992)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	3	1.7
(17,992)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	3	1.7
(16,1716)	1:21:A:THR:HG21	1:147:A:ARG:HE	8	1.7
(16,1716)	1:21:A:THR:HG22	1:147:A:ARG:HE	8	1.7
(16,1716)	1:21:A:THR:HG23	1:147:A:ARG:HE	8	1.7
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD11	11	1.7
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD12	11	1.7
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD13	11	1.7
(16,1231)	1:34:A:LYS:H	1:81:A:GLU:HA	1	1.7
(16,936)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	6	1.7
(16,936)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	6	1.7
(16,936)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	6	1.7
(16,936)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	6	1.7
(16,936)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	6	1.7
(16,936)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	6	1.7
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB2	12	1.7
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB3	12	1.7
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB2	12	1.7
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB3	12	1.7
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB2	12	1.7
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB3	12	1.7
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB2	12	1.7
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB3	12	1.7
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB2	12	1.7
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB3	12	1.7
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB2	12	1.7
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB3	12	1.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	12	1.7
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	12	1.7
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	12	1.7
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	12	1.7
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	12	1.7
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	12	1.7
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	12	1.7
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	12	1.7
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	12	1.7
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	12	1.7
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	12	1.7
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	12	1.7
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	12	1.7
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	12	1.7
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	12	1.7
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	12	1.7
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	12	1.7
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	12	1.7
(15,1224)	1:34:A:LYS:H	1:81:A:GLU:HA	1	1.7
(15,979)	1:15:A:ALA:HB1	1:134:A:VAL:HB	7	1.7
(15,979)	1:15:A:ALA:HB2	1:134:A:VAL:HB	7	1.7
(15,979)	1:15:A:ALA:HB3	1:134:A:VAL:HB	7	1.7
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	10	1.7
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	10	1.7
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	10	1.7
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	10	1.7
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	10	1.7
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	10	1.7
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	10	1.7
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	10	1.7
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	10	1.7
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD11	12	1.7
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD12	12	1.7
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD13	12	1.7
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD21	12	1.7
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD22	12	1.7
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD23	12	1.7
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD11	12	1.7
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD12	12	1.7
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD13	12	1.7
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD21	12	1.7
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD22	12	1.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD23	12	1.7
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD11	12	1.7
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD12	12	1.7
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD13	12	1.7
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD21	12	1.7
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD22	12	1.7
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD23	12	1.7
(13,781)	1:11:A:ILE:HD11	1:14:A:VAL:HB	19	1.7
(13,781)	1:11:A:ILE:HD12	1:14:A:VAL:HB	19	1.7
(13,781)	1:11:A:ILE:HD13	1:14:A:VAL:HB	19	1.7
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	19	1.7
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	19	1.7
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	19	1.7
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	19	1.7
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	19	1.7
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	19	1.7
(9,1836)	1:13:A:ALA:HA	1:80:A:TYR:HE1	13	1.7
(9,1836)	1:13:A:ALA:HA	1:80:A:TYR:HE2	13	1.7
(9,1463)	1:67:A:PRO:HD3	1:95:A:ILE:HA	12	1.7
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	2	1.7
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	2	1.7
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	2	1.7
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	2	1.7
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	2	1.7
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	2	1.7
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	2	1.7
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	2	1.7
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	2	1.7
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	2	1.7
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	2	1.7
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	2	1.7
(7,1675)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	14	1.7
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG2	5	1.7
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG3	5	1.7
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	12	1.7
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	12	1.7
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	12	1.7
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	12	1.7
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	12	1.7
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	12	1.7
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	12	1.7
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	12	1.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	12	1.7
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	12	1.7
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	12	1.7
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	12	1.7
(6,1904)	1:18:A:PHE:HE1	1:117:A:VAL:HA	12	1.7
(6,1904)	1:18:A:PHE:HE2	1:117:A:VAL:HA	12	1.7
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD11	13	1.7
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD12	13	1.7
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD13	13	1.7
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG21	17	1.7
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG22	17	1.7
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG23	17	1.7
(5,914)	1:43:A:MET:HA	1:44:A:GLU:HG2	9	1.7
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	2	1.7
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	2	1.7
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	2	1.7
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	2	1.7
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	2	1.7
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	2	1.7
(5,794)	1:11:A:ILE:HD11	1:14:A:VAL:HB	19	1.7
(5,794)	1:11:A:ILE:HD12	1:14:A:VAL:HB	19	1.7
(5,794)	1:11:A:ILE:HD13	1:14:A:VAL:HB	19	1.7
(3,1245)	1:34:A:LYS:H	1:81:A:GLU:HA	1	1.7
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	19	1.7
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	19	1.7
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	13	1.7
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	13	1.7
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	13	1.7
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	13	1.7
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	13	1.7
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	13	1.7
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	13	1.7
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	13	1.7
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	13	1.7
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	13	1.7
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	13	1.7
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	13	1.7
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	13	1.7
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	13	1.7
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	13	1.7
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	13	1.7
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	13	1.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	13	1.7
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD21	17	1.7
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD22	17	1.7
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD23	17	1.7
(1,1722)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	14	1.7
(1,1477)	1:67:A:PRO:HD3	1:95:A:ILE:HA	12	1.7
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	12	1.7
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	12	1.7
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	12	1.7
(1,936)	1:43:A:MET:HA	1:44:A:GLU:HG2	9	1.7
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	10	1.7
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	10	1.7
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	10	1.7
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	10	1.7
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	10	1.7
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	10	1.7
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	10	1.7
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	10	1.7
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	10	1.7
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG11	17	1.69
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG12	17	1.69
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG13	17	1.69
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG21	17	1.69
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG22	17	1.69
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG23	17	1.69
(34,1982)	1:12:A:VAL:HG11	1:81:A:GLU:H	19	1.69
(34,1982)	1:12:A:VAL:HG12	1:81:A:GLU:H	19	1.69
(34,1982)	1:12:A:VAL:HG13	1:81:A:GLU:H	19	1.69
(34,1982)	1:12:A:VAL:HG21	1:81:A:GLU:H	19	1.69
(34,1982)	1:12:A:VAL:HG22	1:81:A:GLU:H	19	1.69
(34,1982)	1:12:A:VAL:HG23	1:81:A:GLU:H	19	1.69
(34,1484)	1:67:A:PRO:HD3	1:95:A:ILE:HA	13	1.69
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	17	1.69
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	17	1.69
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	17	1.69
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG21	6	1.69
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG22	6	1.69
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG23	6	1.69
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD21	17	1.69
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD22	17	1.69
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD23	17	1.69
(34,269)	1:27:A:ARG:HB3	1:29:A:LYS:H	11	1.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2151)	1:43:A:MET:HE1	1:46:A:ASN:HB2	18	1.69
(33,2151)	1:43:A:MET:HE1	1:46:A:ASN:HB3	18	1.69
(33,2151)	1:43:A:MET:HE2	1:46:A:ASN:HB2	18	1.69
(33,2151)	1:43:A:MET:HE2	1:46:A:ASN:HB3	18	1.69
(33,2151)	1:43:A:MET:HE3	1:46:A:ASN:HB2	18	1.69
(33,2151)	1:43:A:MET:HE3	1:46:A:ASN:HB3	18	1.69
(30,1153)	1:13:A:ALA:HB1	1:80:A:TYR:HA	17	1.69
(30,1153)	1:13:A:ALA:HB2	1:80:A:TYR:HA	17	1.69
(30,1153)	1:13:A:ALA:HB3	1:80:A:TYR:HA	17	1.69
(29,2078)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	18	1.69
(29,2078)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	18	1.69
(29,2078)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	18	1.69
(29,2078)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	18	1.69
(29,1870)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	14	1.69
(29,1870)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	14	1.69
(29,1870)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	14	1.69
(29,1870)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	14	1.69
(29,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	11	1.69
(29,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	11	1.69
(29,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	11	1.69
(29,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	11	1.69
(29,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	11	1.69
(29,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	11	1.69
(19,14)	1:52:A:CYS:SG	1:123:A:CYS:CB	9	1.69
(18,1939)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	1	1.69
(18,1939)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	1	1.69
(18,1939)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	1	1.69
(18,1939)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	1	1.69
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD1	2	1.69
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD2	2	1.69
(18,1339)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	12	1.69
(18,1339)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	12	1.69
(18,1339)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	12	1.69
(18,1339)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	12	1.69
(18,1339)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	12	1.69
(18,1339)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	12	1.69
(18,1036)	1:113:A:PHE:HA	1:116:A:GLN:HG3	11	1.69
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	14	1.69
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	14	1.69
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	14	1.69
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	14	1.69
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	15	1.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	15	1.69
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	15	1.69
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	15	1.69
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	15	1.69
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	15	1.69
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	15	1.69
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	15	1.69
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	15	1.69
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	15	1.69
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	15	1.69
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	15	1.69
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	15	1.69
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	15	1.69
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	15	1.69
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	15	1.69
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	15	1.69
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	15	1.69
(17,2069)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	5	1.69
(17,2069)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	5	1.69
(17,2069)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	5	1.69
(17,2069)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	5	1.69
(17,2069)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	5	1.69
(17,2069)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	5	1.69
(17,2069)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	5	1.69
(17,2069)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	5	1.69
(17,2069)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	5	1.69
(17,2069)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	5	1.69
(17,2069)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	5	1.69
(17,2069)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	5	1.69
(17,311)	1:43:A:MET:H	1:140:A:LEU:HD11	9	1.69
(17,311)	1:43:A:MET:H	1:140:A:LEU:HD12	9	1.69
(17,311)	1:43:A:MET:H	1:140:A:LEU:HD13	9	1.69
(17,260)	1:27:A:ARG:HB3	1:29:A:LYS:H	11	1.69
(16,2145)	1:41:A:LYS:HG3	1:44:A:GLU:HG2	11	1.69
(16,2145)	1:41:A:LYS:HG3	1:44:A:GLU:HG3	11	1.69
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	11	1.69
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	11	1.69
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	11	1.69
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	11	1.69
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	5	1.69
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	5	1.69
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	5	1.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	5	1.69
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	5	1.69
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	5	1.69
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	5	1.69
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	5	1.69
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	5	1.69
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	5	1.69
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	5	1.69
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	5	1.69
(15,1153)	1:13:A:ALA:HB1	1:80:A:TYR:HA	17	1.69
(15,1153)	1:13:A:ALA:HB2	1:80:A:TYR:HA	17	1.69
(15,1153)	1:13:A:ALA:HB3	1:80:A:TYR:HA	17	1.69
(15,994)	1:98:A:ILE:H	1:105:A:LYS:HD2	8	1.69
(15,994)	1:98:A:ILE:H	1:105:A:LYS:HD3	8	1.69
(15,585)	1:148:A:CYS:HA	1:150:A:THR:H	19	1.69
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	17	1.69
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	17	1.69
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	17	1.69
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	17	1.69
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	17	1.69
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	17	1.69
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	17	1.69
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	17	1.69
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	17	1.69
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	17	1.69
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	17	1.69
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	17	1.69
(13,1939)	1:12:A:VAL:HG11	1:81:A:GLU:H	19	1.69
(13,1939)	1:12:A:VAL:HG12	1:81:A:GLU:H	19	1.69
(13,1939)	1:12:A:VAL:HG13	1:81:A:GLU:H	19	1.69
(13,1939)	1:12:A:VAL:HG21	1:81:A:GLU:H	19	1.69
(13,1939)	1:12:A:VAL:HG22	1:81:A:GLU:H	19	1.69
(13,1939)	1:12:A:VAL:HG23	1:81:A:GLU:H	19	1.69
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG2	19	1.69
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG3	19	1.69
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG2	19	1.69
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG3	19	1.69
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG2	19	1.69
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG3	19	1.69
(13,1131)	1:13:A:ALA:HB1	1:80:A:TYR:HA	17	1.69
(13,1131)	1:13:A:ALA:HB2	1:80:A:TYR:HA	17	1.69
(13,1131)	1:13:A:ALA:HB3	1:80:A:TYR:HA	17	1.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	10	1.69
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	10	1.69
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	10	1.69
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	10	1.69
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	10	1.69
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	10	1.69
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	10	1.69
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	10	1.69
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	10	1.69
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	10	1.69
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	10	1.69
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	10	1.69
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	10	1.69
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	10	1.69
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	10	1.69
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	10	1.69
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	10	1.69
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	10	1.69
(11,2076)	1:34:A:LYS:H	1:81:A:GLU:HB2	6	1.69
(11,2076)	1:34:A:LYS:H	1:81:A:GLU:HB3	6	1.69
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD11	7	1.69
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD12	7	1.69
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD13	7	1.69
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD21	7	1.69
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD22	7	1.69
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD23	7	1.69
(7,1209)	1:79:A:THR:HG21	1:81:A:GLU:HA	1	1.69
(7,1209)	1:79:A:THR:HG22	1:81:A:GLU:HA	1	1.69
(7,1209)	1:79:A:THR:HG23	1:81:A:GLU:HA	1	1.69
(5,2120)	1:40:A:LEU:HB2	1:44:A:GLU:HG3	12	1.69
(5,2120)	1:40:A:LEU:HB3	1:44:A:GLU:HG3	12	1.69
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	14	1.69
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	14	1.69
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	14	1.69
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	14	1.69
(5,257)	1:27:A:ARG:HB3	1:29:A:LYS:H	11	1.69
(4,1882)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	16	1.69
(4,1882)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	16	1.69
(4,1822)	1:13:A:ALA:HA	1:80:A:TYR:HE1	7	1.69
(4,1822)	1:13:A:ALA:HA	1:80:A:TYR:HE2	7	1.69
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD11	7	1.69
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD12	7	1.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD13	7	1.69
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD11	3	1.69
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD12	3	1.69
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD13	3	1.69
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD21	3	1.69
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD22	3	1.69
(3,2068)	1:25:A:ALA:H	1:30:A:LEU:HD23	3	1.69
(3,1495)	1:67:A:PRO:HD3	1:95:A:ILE:HA	13	1.69
(3,1010)	1:35:A:LEU:HG	1:143:A:TRP:HB3	13	1.69
(3,662)	1:100:A:ALA:H	1:119:A:LEU:HG	18	1.69
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB2	18	1.69
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB3	18	1.69
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB2	18	1.69
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB3	18	1.69
(2,1783)	1:39:A:VAL:HG21	1:144:A:LEU:H	14	1.69
(2,1783)	1:39:A:VAL:HG22	1:144:A:LEU:H	14	1.69
(2,1783)	1:39:A:VAL:HG23	1:144:A:LEU:H	14	1.69
(2,1643)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	11	1.69
(2,1145)	1:13:A:ALA:HB1	1:80:A:TYR:HA	17	1.69
(2,1145)	1:13:A:ALA:HB2	1:80:A:TYR:HA	17	1.69
(2,1145)	1:13:A:ALA:HB3	1:80:A:TYR:HA	17	1.69
(2,261)	1:27:A:ARG:HB3	1:29:A:LYS:H	11	1.69
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE1	9	1.69
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE2	9	1.69
(1,1158)	1:39:A:VAL:HB	1:139:A:LEU:HA	11	1.69
(1,1035)	1:113:A:PHE:HA	1:116:A:GLN:HG3	11	1.69
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG11	10	1.68
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG12	10	1.68
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG13	10	1.68
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG21	10	1.68
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG22	10	1.68
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG23	10	1.68
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	15	1.68
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	15	1.68
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	15	1.68
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	15	1.68
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	15	1.68
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	15	1.68
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	15	1.68
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	15	1.68
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	15	1.68
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	15	1.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	15	1.68
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	15	1.68
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	15	1.68
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	15	1.68
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	15	1.68
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	15	1.68
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	15	1.68
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	15	1.68
(34,1903)	1:18:A:PHE:HE1	1:57:A:LEU:HG	1	1.68
(34,1903)	1:18:A:PHE:HE2	1:57:A:LEU:HG	1	1.68
(34,1484)	1:67:A:PRO:HD3	1:95:A:ILE:HA	12	1.68
(34,572)	1:10:A:ASN:HD21	1:11:A:ILE:HB	4	1.68
(33,2305)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	3	1.68
(33,2305)	1:98:A:ILE:HG21	1:116:A:GLN:HG3	3	1.68
(33,2305)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	3	1.68
(33,2305)	1:98:A:ILE:HG22	1:116:A:GLN:HG3	3	1.68
(33,2305)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	3	1.68
(33,2305)	1:98:A:ILE:HG23	1:116:A:GLN:HG3	3	1.68
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD11	5	1.68
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD12	5	1.68
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD13	5	1.68
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD21	5	1.68
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD22	5	1.68
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD23	5	1.68
(33,1944)	1:10:A:ASN:HD21	1:81:A:GLU:H	4	1.68
(33,1944)	1:10:A:ASN:HD22	1:81:A:GLU:H	4	1.68
(33,1692)	1:43:A:MET:HE1	1:137:A:SER:H	7	1.68
(33,1692)	1:43:A:MET:HE2	1:137:A:SER:H	7	1.68
(33,1692)	1:43:A:MET:HE3	1:137:A:SER:H	7	1.68
(32,2134)	1:43:A:MET:HE1	1:46:A:ASN:HB2	2	1.68
(32,2134)	1:43:A:MET:HE1	1:46:A:ASN:HB3	2	1.68
(32,2134)	1:43:A:MET:HE2	1:46:A:ASN:HB2	2	1.68
(32,2134)	1:43:A:MET:HE2	1:46:A:ASN:HB3	2	1.68
(32,2134)	1:43:A:MET:HE3	1:46:A:ASN:HB2	2	1.68
(32,2134)	1:43:A:MET:HE3	1:46:A:ASN:HB3	2	1.68
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE1	11	1.68
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE2	11	1.68
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE1	11	1.68
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE2	11	1.68
(32,1913)	1:10:A:ASN:HD21	1:81:A:GLU:H	4	1.68
(32,1913)	1:10:A:ASN:HD22	1:81:A:GLU:H	4	1.68
(32,1845)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	1.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1845)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	1.68
(32,1845)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	1.68
(32,1845)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	1.68
(32,1845)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	1.68
(32,1845)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	1.68
(32,1418)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	11	1.68
(32,1418)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	11	1.68
(32,1378)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	19	1.68
(32,1378)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	19	1.68
(32,1378)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	19	1.68
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD21	9	1.68
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD22	9	1.68
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD23	9	1.68
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD21	13	1.68
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD22	13	1.68
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD23	13	1.68
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD11	15	1.68
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD12	15	1.68
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD13	15	1.68
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD21	15	1.68
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD22	15	1.68
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD23	15	1.68
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE1	13	1.68
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE2	13	1.68
(30,1630)	1:34:A:LYS:H	1:80:A:TYR:HA	6	1.68
(30,1438)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	17	1.68
(30,1438)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	17	1.68
(30,1438)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	17	1.68
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD21	6	1.68
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD22	6	1.68
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD23	6	1.68
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD21	6	1.68
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD22	6	1.68
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD23	6	1.68
(30,961)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	16	1.68
(30,961)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	16	1.68
(30,482)	1:145:A:PRO:HB2	1:148:A:CYS:H	5	1.68
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD11	15	1.68
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD12	15	1.68
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD13	15	1.68
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD21	15	1.68
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD22	15	1.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD23	15	1.68
(29,1643)	1:34:A:LYS:H	1:80:A:TYR:HA	6	1.68
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	13	1.68
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	13	1.68
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	13	1.68
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	13	1.68
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	13	1.68
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	13	1.68
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG11	8	1.68
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG12	8	1.68
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG13	8	1.68
(29,73)	1:63:A:ILE:HG21	1:117:A:VAL:H	17	1.68
(29,73)	1:63:A:ILE:HG22	1:117:A:VAL:H	17	1.68
(29,73)	1:63:A:ILE:HG23	1:117:A:VAL:H	17	1.68
(18,2282)	1:96:A:VAL:HG11	1:116:A:GLN:HG2	3	1.68
(18,2282)	1:96:A:VAL:HG12	1:116:A:GLN:HG2	3	1.68
(18,2282)	1:96:A:VAL:HG13	1:116:A:GLN:HG2	3	1.68
(18,2282)	1:96:A:VAL:HG21	1:116:A:GLN:HG2	3	1.68
(18,2282)	1:96:A:VAL:HG22	1:116:A:GLN:HG2	3	1.68
(18,2282)	1:96:A:VAL:HG23	1:116:A:GLN:HG2	3	1.68
(18,2282)	1:96:A:VAL:HG11	1:116:A:GLN:HG3	3	1.68
(18,2282)	1:96:A:VAL:HG12	1:116:A:GLN:HG3	3	1.68
(18,2282)	1:96:A:VAL:HG13	1:116:A:GLN:HG3	3	1.68
(18,2282)	1:96:A:VAL:HG21	1:116:A:GLN:HG3	3	1.68
(18,2282)	1:96:A:VAL:HG22	1:116:A:GLN:HG3	3	1.68
(18,2282)	1:96:A:VAL:HG23	1:116:A:GLN:HG3	3	1.68
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD11	8	1.68
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD12	8	1.68
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD13	8	1.68
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD21	8	1.68
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD22	8	1.68
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD23	8	1.68
(18,1946)	1:10:A:ASN:HD21	1:81:A:GLU:H	4	1.68
(18,1946)	1:10:A:ASN:HD22	1:81:A:GLU:H	4	1.68
(17,1645)	1:34:A:LYS:H	1:80:A:TYR:HA	6	1.68
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD21	8	1.68
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD22	8	1.68
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD21	8	1.68
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD22	8	1.68
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD21	8	1.68
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD22	8	1.68
(16,2143)	1:41:A:LYS:H	1:44:A:GLU:HG2	9	1.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2143)	1:41:A:LYS:H	1:44:A:GLU:HG3	9	1.68
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	13	1.68
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	13	1.68
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	13	1.68
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	13	1.68
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	13	1.68
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	13	1.68
(16,1121)	1:146:A:GLN:HA	1:147:A:ARG:HG2	9	1.68
(16,1121)	1:146:A:GLN:HA	1:147:A:ARG:HG3	9	1.68
(16,978)	1:11:A:ILE:HG12	1:43:A:MET:HB2	9	1.68
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	15	1.68
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	15	1.68
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	15	1.68
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	15	1.68
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	15	1.68
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	15	1.68
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	15	1.68
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	15	1.68
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	15	1.68
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	15	1.68
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	15	1.68
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	15	1.68
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	15	1.68
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	15	1.68
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	15	1.68
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	15	1.68
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	15	1.68
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	15	1.68
(15,2106)	1:41:A:LYS:H	1:44:A:GLU:HG2	9	1.68
(15,2106)	1:41:A:LYS:H	1:44:A:GLU:HG3	9	1.68
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	5	1.68
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	5	1.68
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	5	1.68
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	5	1.68
(15,1874)	1:18:A:PHE:HE1	1:61:A:SER:H	7	1.68
(15,1874)	1:18:A:PHE:HE2	1:61:A:SER:H	7	1.68
(15,1621)	1:34:A:LYS:H	1:80:A:TYR:HA	6	1.68
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	13	1.68
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	13	1.68
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	13	1.68
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	13	1.68
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	13	1.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	13	1.68
(15,994)	1:98:A:ILE:H	1:105:A:LYS:HD2	17	1.68
(15,994)	1:98:A:ILE:H	1:105:A:LYS:HD3	17	1.68
(15,967)	1:33:A:LYS:HB2	1:80:A:TYR:HB2	8	1.68
(15,967)	1:33:A:LYS:HB3	1:80:A:TYR:HB2	8	1.68
(15,585)	1:148:A:CYS:HA	1:150:A:THR:H	1	1.68
(15,585)	1:148:A:CYS:HA	1:150:A:THR:H	4	1.68
(15,585)	1:148:A:CYS:HA	1:150:A:THR:H	6	1.68
(15,585)	1:148:A:CYS:HA	1:150:A:THR:H	11	1.68
(13,1850)	1:18:A:PHE:HE1	1:131:A:LEU:H	9	1.68
(13,1850)	1:18:A:PHE:HE2	1:131:A:LEU:H	9	1.68
(13,1831)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	18	1.68
(13,1831)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	18	1.68
(13,1831)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	18	1.68
(13,1831)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	18	1.68
(13,1831)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	18	1.68
(13,1831)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	18	1.68
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	1	1.68
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	1	1.68
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	1	1.68
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	1	1.68
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	1	1.68
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	1	1.68
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG21	11	1.68
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG22	11	1.68
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG23	11	1.68
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG21	11	1.68
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG22	11	1.68
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG23	11	1.68
(11,927)	1:108:A:GLU:HG3	1:112:A:GLN:H	8	1.68
(9,1619)	1:34:A:LYS:H	1:80:A:TYR:HA	6	1.68
(9,1432)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	17	1.68
(9,1432)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	17	1.68
(9,1432)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	17	1.68
(9,962)	1:11:A:ILE:HG12	1:43:A:MET:HB2	9	1.68
(7,2272)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	3	1.68
(7,2272)	1:98:A:ILE:HG21	1:116:A:GLN:HG3	3	1.68
(7,2272)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	3	1.68
(7,2272)	1:98:A:ILE:HG22	1:116:A:GLN:HG3	3	1.68
(7,2272)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	3	1.68
(7,2272)	1:98:A:ILE:HG23	1:116:A:GLN:HG3	3	1.68
(7,2120)	1:43:A:MET:HE1	1:46:A:ASN:HB2	2	1.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2120)	1:43:A:MET:HE1	1:46:A:ASN:HB3	2	1.68
(7,2120)	1:43:A:MET:HE2	1:46:A:ASN:HB2	2	1.68
(7,2120)	1:43:A:MET:HE2	1:46:A:ASN:HB3	2	1.68
(7,2120)	1:43:A:MET:HE3	1:46:A:ASN:HB2	2	1.68
(7,2120)	1:43:A:MET:HE3	1:46:A:ASN:HB3	2	1.68
(7,1601)	1:34:A:LYS:H	1:80:A:TYR:HA	6	1.68
(7,971)	1:12:A:VAL:HB	1:40:A:LEU:H	17	1.68
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG2	6	1.68
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG3	6	1.68
(6,1958)	1:10:A:ASN:HD21	1:81:A:GLU:H	4	1.68
(6,1958)	1:10:A:ASN:HD22	1:81:A:GLU:H	4	1.68
(6,1903)	1:18:A:PHE:HE1	1:131:A:LEU:H	9	1.68
(6,1903)	1:18:A:PHE:HE2	1:131:A:LEU:H	9	1.68
(6,1698)	1:43:A:MET:HE1	1:137:A:SER:H	7	1.68
(6,1698)	1:43:A:MET:HE2	1:137:A:SER:H	7	1.68
(6,1698)	1:43:A:MET:HE3	1:137:A:SER:H	7	1.68
(6,1628)	1:34:A:LYS:H	1:80:A:TYR:HA	6	1.68
(6,1433)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	17	1.68
(6,1433)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	17	1.68
(6,1433)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	17	1.68
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG11	4	1.68
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG12	4	1.68
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG13	4	1.68
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG21	4	1.68
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG22	4	1.68
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG23	4	1.68
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG11	4	1.68
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG12	4	1.68
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG13	4	1.68
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG21	4	1.68
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG22	4	1.68
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG23	4	1.68
(5,1917)	1:18:A:PHE:HE1	1:131:A:LEU:H	9	1.68
(5,1917)	1:18:A:PHE:HE2	1:131:A:LEU:H	9	1.68
(5,1643)	1:34:A:LYS:H	1:80:A:TYR:HA	6	1.68
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD11	9	1.68
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD12	9	1.68
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD13	9	1.68
(5,1455)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	17	1.68
(5,1455)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	17	1.68
(5,1455)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	17	1.68
(4,2145)	1:43:A:MET:HE1	1:46:A:ASN:HB2	2	1.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2145)	1:43:A:MET:HE1	1:46:A:ASN:HB3	2	1.68
(4,2145)	1:43:A:MET:HE2	1:46:A:ASN:HB2	2	1.68
(4,2145)	1:43:A:MET:HE2	1:46:A:ASN:HB3	2	1.68
(4,2145)	1:43:A:MET:HE3	1:46:A:ASN:HB2	2	1.68
(4,2145)	1:43:A:MET:HE3	1:46:A:ASN:HB3	2	1.68
(4,1929)	1:10:A:ASN:HD21	1:81:A:GLU:H	4	1.68
(4,1929)	1:10:A:ASN:HD22	1:81:A:GLU:H	4	1.68
(4,1867)	1:18:A:PHE:HE1	1:61:A:SER:H	7	1.68
(4,1867)	1:18:A:PHE:HE2	1:61:A:SER:H	7	1.68
(4,1606)	1:34:A:LYS:H	1:80:A:TYR:HA	6	1.68
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD11	7	1.68
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD12	7	1.68
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD13	7	1.68
(4,1419)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	17	1.68
(4,1419)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	17	1.68
(4,1419)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	17	1.68
(4,862)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	14	1.68
(4,862)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	14	1.68
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE1	11	1.68
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE2	11	1.68
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE1	11	1.68
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE2	11	1.68
(3,1974)	1:10:A:ASN:HD21	1:81:A:GLU:H	4	1.68
(3,1974)	1:10:A:ASN:HD22	1:81:A:GLU:H	4	1.68
(3,1905)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	1	1.68
(3,1905)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	1	1.68
(3,1905)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	1	1.68
(3,1905)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	1	1.68
(3,1875)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	2	1.68
(3,1875)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	2	1.68
(3,1875)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	2	1.68
(3,1875)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	2	1.68
(3,1495)	1:67:A:PRO:HD3	1:95:A:ILE:HA	12	1.68
(3,1435)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	19	1.68
(3,1435)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	19	1.68
(3,1435)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	19	1.68
(3,917)	1:21:A:THR:HB	1:24:A:ASP:H	1	1.68
(3,720)	1:44:A:GLU:HB2	1:48:A:ARG:HE	5	1.68
(3,720)	1:44:A:GLU:HB3	1:48:A:ARG:HE	5	1.68
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	10	1.68
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	10	1.68
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	10	1.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,662)	1:100:A:ALA:H	1:119:A:LEU:HG	2	1.68
(2,2315)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	3	1.68
(2,2315)	1:98:A:ILE:HG21	1:116:A:GLN:HG3	3	1.68
(2,2315)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	3	1.68
(2,2315)	1:98:A:ILE:HG22	1:116:A:GLN:HG3	3	1.68
(2,2315)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	3	1.68
(2,2315)	1:98:A:ILE:HG23	1:116:A:GLN:HG3	3	1.68
(2,1922)	1:18:A:PHE:HE1	1:57:A:LEU:HG	1	1.68
(2,1922)	1:18:A:PHE:HE2	1:57:A:LEU:HG	1	1.68
(2,1647)	1:34:A:LYS:H	1:80:A:TYR:HA	6	1.68
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	13	1.68
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	13	1.68
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	13	1.68
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	13	1.68
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	13	1.68
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	13	1.68
(2,978)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	3	1.68
(2,978)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	3	1.68
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD21	9	1.68
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD22	9	1.68
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD23	9	1.68
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	14	1.68
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	14	1.68
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	14	1.68
(34,1895)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	3	1.67
(34,1895)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	3	1.67
(34,1715)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	4	1.67
(34,1715)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	4	1.67
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD2	1	1.67
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD3	1	1.67
(34,842)	1:48:A:ARG:HD2	1:49:A:LYS:HA	14	1.67
(34,842)	1:48:A:ARG:HD3	1:49:A:LYS:HA	14	1.67
(34,721)	1:44:A:GLU:HB2	1:48:A:ARG:HE	9	1.67
(34,721)	1:44:A:GLU:HB3	1:48:A:ARG:HE	9	1.67
(33,1489)	1:114:A:ILE:HG21	1:117:A:VAL:HB	15	1.67
(33,1489)	1:114:A:ILE:HG22	1:117:A:VAL:HB	15	1.67
(33,1489)	1:114:A:ILE:HG23	1:117:A:VAL:HB	15	1.67
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG2	9	1.67
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG3	9	1.67
(32,2134)	1:43:A:MET:HE1	1:46:A:ASN:HB2	12	1.67
(32,2134)	1:43:A:MET:HE1	1:46:A:ASN:HB3	12	1.67
(32,2134)	1:43:A:MET:HE2	1:46:A:ASN:HB2	12	1.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2134)	1:43:A:MET:HE2	1:46:A:ASN:HB3	12	1.67
(32,2134)	1:43:A:MET:HE3	1:46:A:ASN:HB2	12	1.67
(32,2134)	1:43:A:MET:HE3	1:46:A:ASN:HB3	12	1.67
(32,1914)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	2	1.67
(32,1914)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	2	1.67
(32,1914)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	2	1.67
(32,1914)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	2	1.67
(30,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	11	1.67
(30,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	11	1.67
(30,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	11	1.67
(30,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	11	1.67
(30,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	11	1.67
(30,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	11	1.67
(30,1888)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	3	1.67
(30,1888)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	3	1.67
(30,561)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	19	1.67
(29,1905)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	3	1.67
(29,1905)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	3	1.67
(29,1838)	1:9:A:PHE:HZ	1:54:A:ARG:HE	11	1.67
(29,660)	1:96:A:VAL:HA	1:116:A:GLN:HE22	13	1.67
(29,564)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	19	1.67
(18,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	11	1.67
(18,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	11	1.67
(18,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	11	1.67
(18,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	11	1.67
(18,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	11	1.67
(18,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	11	1.67
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	11	1.67
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	11	1.67
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	11	1.67
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	11	1.67
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	11	1.67
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	11	1.67
(18,1875)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	3	1.67
(18,1875)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	3	1.67
(18,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	9	1.67
(18,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	9	1.67
(18,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	9	1.67
(18,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	9	1.67
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD1	8	1.67
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD2	8	1.67
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	6	1.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	6	1.67
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	6	1.67
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	6	1.67
(18,1688)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	4	1.67
(18,1688)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	4	1.67
(18,1488)	1:114:A:ILE:HG21	1:117:A:VAL:HB	15	1.67
(18,1488)	1:114:A:ILE:HG22	1:117:A:VAL:HB	15	1.67
(18,1488)	1:114:A:ILE:HG23	1:117:A:VAL:HB	15	1.67
(18,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD21	13	1.67
(18,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD22	13	1.67
(18,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD23	13	1.67
(18,667)	1:96:A:VAL:HA	1:116:A:GLN:HE22	13	1.67
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG11	8	1.67
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG12	8	1.67
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG13	8	1.67
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG21	8	1.67
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG22	8	1.67
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG23	8	1.67
(17,1904)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	3	1.67
(17,1904)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	3	1.67
(17,1866)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	14	1.67
(17,1866)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	14	1.67
(17,1866)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	14	1.67
(17,1866)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	14	1.67
(17,992)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	19	1.67
(17,992)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	19	1.67
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD21	9	1.67
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD22	9	1.67
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD21	9	1.67
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD22	9	1.67
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD21	9	1.67
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD22	9	1.67
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	11	1.67
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	11	1.67
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	11	1.67
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	11	1.67
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	11	1.67
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	11	1.67
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG21	14	1.67
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG22	14	1.67
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG23	14	1.67
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG21	14	1.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG22	14	1.67
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG23	14	1.67
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE1	7	1.67
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE2	7	1.67
(15,1244)	1:12:A:VAL:H	1:40:A:LEU:HD11	14	1.67
(15,1244)	1:12:A:VAL:H	1:40:A:LEU:HD12	14	1.67
(15,1244)	1:12:A:VAL:H	1:40:A:LEU:HD13	14	1.67
(15,994)	1:98:A:ILE:H	1:105:A:LYS:HD2	5	1.67
(15,994)	1:98:A:ILE:H	1:105:A:LYS:HD3	5	1.67
(15,817)	1:98:A:ILE:HD11	1:104:A:PHE:HB2	5	1.67
(15,817)	1:98:A:ILE:HD12	1:104:A:PHE:HB2	5	1.67
(15,817)	1:98:A:ILE:HD13	1:104:A:PHE:HB2	5	1.67
(15,585)	1:148:A:CYS:HA	1:150:A:THR:H	8	1.67
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG21	2	1.67
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG22	2	1.67
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG23	2	1.67
(13,1472)	1:114:A:ILE:HG21	1:117:A:VAL:HB	15	1.67
(13,1472)	1:114:A:ILE:HG22	1:117:A:VAL:HB	15	1.67
(13,1472)	1:114:A:ILE:HG23	1:117:A:VAL:HB	15	1.67
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD2	1	1.67
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD3	1	1.67
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG2	17	1.67
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG3	17	1.67
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG11	13	1.67
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG12	13	1.67
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG13	13	1.67
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG21	13	1.67
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG22	13	1.67
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG23	13	1.67
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	11	1.67
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	11	1.67
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	11	1.67
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	11	1.67
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	11	1.67
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	11	1.67
(11,1906)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	3	1.67
(11,1906)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	3	1.67
(11,1519)	1:114:A:ILE:HG21	1:117:A:VAL:HB	15	1.67
(11,1519)	1:114:A:ILE:HG22	1:117:A:VAL:HB	15	1.67
(11,1519)	1:114:A:ILE:HG23	1:117:A:VAL:HB	15	1.67
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD2	1	1.67
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD3	1	1.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG11	7	1.67
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG12	7	1.67
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG13	7	1.67
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG21	7	1.67
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG22	7	1.67
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG23	7	1.67
(9,1886)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	3	1.67
(9,1886)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	3	1.67
(9,1493)	1:114:A:ILE:HG21	1:117:A:VAL:HB	15	1.67
(9,1493)	1:114:A:ILE:HG22	1:117:A:VAL:HB	15	1.67
(9,1493)	1:114:A:ILE:HG23	1:117:A:VAL:HB	15	1.67
(9,1055)	1:43:A:MET:HB2	1:140:A:LEU:HG	5	1.67
(7,2120)	1:43:A:MET:HE1	1:46:A:ASN:HB2	12	1.67
(7,2120)	1:43:A:MET:HE1	1:46:A:ASN:HB3	12	1.67
(7,2120)	1:43:A:MET:HE2	1:46:A:ASN:HB2	12	1.67
(7,2120)	1:43:A:MET:HE2	1:46:A:ASN:HB3	12	1.67
(7,2120)	1:43:A:MET:HE3	1:46:A:ASN:HB2	12	1.67
(7,2120)	1:43:A:MET:HE3	1:46:A:ASN:HB3	12	1.67
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	16	1.67
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	16	1.67
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	16	1.67
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG21	4	1.67
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG22	4	1.67
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG23	4	1.67
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG21	10	1.67
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG22	10	1.67
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG23	10	1.67
(7,1036)	1:43:A:MET:HB2	1:140:A:LEU:HG	5	1.67
(6,2143)	1:43:A:MET:HB2	1:140:A:LEU:HG	4	1.67
(6,2143)	1:43:A:MET:HB3	1:140:A:LEU:HG	4	1.67
(6,1959)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	2	1.67
(6,1959)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	2	1.67
(6,1959)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	2	1.67
(6,1959)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	2	1.67
(6,1897)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	3	1.67
(6,1897)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	3	1.67
(6,1747)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	6	1.67
(6,1747)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	6	1.67
(6,1747)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	6	1.67
(5,2478)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	16	1.67
(5,2478)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	16	1.67
(5,2478)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	16	1.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2478)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	16	1.67
(5,1911)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	3	1.67
(5,1911)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	3	1.67
(5,1515)	1:114:A:ILE:HG21	1:117:A:VAL:HB	15	1.67
(5,1515)	1:114:A:ILE:HG22	1:117:A:VAL:HB	15	1.67
(5,1515)	1:114:A:ILE:HG23	1:117:A:VAL:HB	15	1.67
(5,1123)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	16	1.67
(5,1123)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	16	1.67
(5,1123)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	16	1.67
(5,1123)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	16	1.67
(5,1123)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	16	1.67
(5,1123)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	16	1.67
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD2	1	1.67
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD3	1	1.67
(4,2145)	1:43:A:MET:HE1	1:46:A:ASN:HB2	12	1.67
(4,2145)	1:43:A:MET:HE1	1:46:A:ASN:HB3	12	1.67
(4,2145)	1:43:A:MET:HE2	1:46:A:ASN:HB2	12	1.67
(4,2145)	1:43:A:MET:HE2	1:46:A:ASN:HB3	12	1.67
(4,2145)	1:43:A:MET:HE3	1:46:A:ASN:HB2	12	1.67
(4,2145)	1:43:A:MET:HE3	1:46:A:ASN:HB3	12	1.67
(4,1868)	1:18:A:PHE:HE1	1:117:A:VAL:HA	12	1.67
(4,1868)	1:18:A:PHE:HE2	1:117:A:VAL:HA	12	1.67
(4,1863)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	3	1.67
(4,1863)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	3	1.67
(4,1483)	1:43:A:MET:HE1	1:46:A:ASN:HD22	4	1.67
(4,1483)	1:43:A:MET:HE2	1:46:A:ASN:HD22	4	1.67
(4,1483)	1:43:A:MET:HE3	1:46:A:ASN:HD22	4	1.67
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD11	16	1.67
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD12	16	1.67
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD13	16	1.67
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD11	16	1.67
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD12	16	1.67
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD13	16	1.67
(3,2103)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	6	1.67
(3,2103)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	6	1.67
(3,2103)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	6	1.67
(3,2103)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	6	1.67
(3,2103)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	6	1.67
(3,2103)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	6	1.67
(3,2103)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	6	1.67
(3,2103)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	6	1.67
(3,2103)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	6	1.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2103)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	6	1.67
(3,2103)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	6	1.67
(3,2103)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	6	1.67
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG2	17	1.67
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG3	17	1.67
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG2	17	1.67
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG3	17	1.67
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG2	17	1.67
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG3	17	1.67
(3,1915)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	3	1.67
(3,1915)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	3	1.67
(3,1585)	1:11:A:ILE:HB	1:40:A:LEU:HD11	13	1.67
(3,1585)	1:11:A:ILE:HB	1:40:A:LEU:HD12	13	1.67
(3,1585)	1:11:A:ILE:HB	1:40:A:LEU:HD13	13	1.67
(3,1193)	1:39:A:VAL:HA	1:140:A:LEU:HD21	13	1.67
(3,1193)	1:39:A:VAL:HA	1:140:A:LEU:HD22	13	1.67
(3,1193)	1:39:A:VAL:HA	1:140:A:LEU:HD23	13	1.67
(3,917)	1:21:A:THR:HB	1:24:A:ASP:H	9	1.67
(2,841)	1:43:A:MET:HE1	1:144:A:LEU:HB2	5	1.67
(2,841)	1:43:A:MET:HE2	1:144:A:LEU:HB2	5	1.67
(2,841)	1:43:A:MET:HE3	1:144:A:LEU:HB2	5	1.67
(2,841)	1:43:A:MET:HE1	1:144:A:LEU:HB3	5	1.67
(2,841)	1:43:A:MET:HE2	1:144:A:LEU:HB3	5	1.67
(2,841)	1:43:A:MET:HE3	1:144:A:LEU:HB3	5	1.67
(2,560)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	19	1.67
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG11	13	1.67
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG12	13	1.67
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG13	13	1.67
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG21	13	1.67
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG22	13	1.67
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG23	13	1.67
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG11	13	1.67
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG12	13	1.67
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG13	13	1.67
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG21	13	1.67
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG22	13	1.67
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG23	13	1.67
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG11	13	1.67
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG12	13	1.67
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG13	13	1.67
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG21	13	1.67
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG22	13	1.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG23	13	1.67
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	2	1.67
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	2	1.67
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	2	1.67
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	2	1.67
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	2	1.67
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	2	1.67
(1,1902)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	3	1.67
(1,1902)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	3	1.67
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	2	1.67
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	2	1.67
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	2	1.67
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	2	1.67
(1,1836)	1:9:A:PHE:HZ	1:57:A:LEU:HA	2	1.67
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	14	1.67
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	14	1.67
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	14	1.67
(1,662)	1:96:A:VAL:HA	1:116:A:GLN:HE22	13	1.67
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG11	16	1.66
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG12	16	1.66
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG13	16	1.66
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG21	16	1.66
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG22	16	1.66
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG23	16	1.66
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD11	5	1.66
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD12	5	1.66
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD13	5	1.66
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD21	5	1.66
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD22	5	1.66
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD23	5	1.66
(33,1967)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	18	1.66
(33,1967)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	18	1.66
(33,1967)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	18	1.66
(33,1967)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	18	1.66
(33,1967)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	18	1.66
(33,1967)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	18	1.66
(33,1967)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	18	1.66
(33,1967)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	18	1.66
(33,1967)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	18	1.66
(33,1967)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	18	1.66
(33,1967)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	18	1.66
(33,1967)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	18	1.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	12	1.66
(33,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	12	1.66
(33,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	12	1.66
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	12	1.66
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	12	1.66
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	12	1.66
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	13	1.66
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	13	1.66
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	13	1.66
(33,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	13	1.66
(33,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	13	1.66
(33,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	13	1.66
(33,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	13	1.66
(33,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	13	1.66
(33,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	13	1.66
(33,981)	1:15:A:ALA:HB1	1:134:A:VAL:HB	2	1.66
(33,981)	1:15:A:ALA:HB2	1:134:A:VAL:HB	2	1.66
(33,981)	1:15:A:ALA:HB3	1:134:A:VAL:HB	2	1.66
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG2	11	1.66
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG3	11	1.66
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD11	5	1.66
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD12	5	1.66
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD13	5	1.66
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD21	5	1.66
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD22	5	1.66
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD23	5	1.66
(32,1585)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	12	1.66
(32,1585)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	12	1.66
(32,1585)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	12	1.66
(32,1316)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	13	1.66
(32,1316)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	13	1.66
(32,1316)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	13	1.66
(32,1316)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	13	1.66
(32,1316)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	13	1.66
(32,1316)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	13	1.66
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD11	19	1.66
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD12	19	1.66
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD13	19	1.66
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD21	19	1.66
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD22	19	1.66
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD23	19	1.66
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD11	19	1.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD12	19	1.66
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD13	19	1.66
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD21	19	1.66
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD22	19	1.66
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD23	19	1.66
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD11	13	1.66
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD12	13	1.66
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD13	13	1.66
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD21	13	1.66
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD22	13	1.66
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD23	13	1.66
(29,2079)	1:34:A:LYS:H	1:81:A:GLU:HB2	19	1.66
(29,2079)	1:34:A:LYS:H	1:81:A:GLU:HB3	19	1.66
(29,1353)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	13	1.66
(29,1353)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	13	1.66
(29,1353)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	13	1.66
(29,1353)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	13	1.66
(29,1353)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	13	1.66
(29,1353)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	13	1.66
(19,11)	1:127:A:CYS:SG	1:56:A:CYS:CB	19	1.66
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	14	1.66
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	14	1.66
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	14	1.66
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	14	1.66
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	14	1.66
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	14	1.66
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	14	1.66
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	14	1.66
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	14	1.66
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	14	1.66
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	14	1.66
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	14	1.66
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD1	12	1.66
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD2	12	1.66
(18,1052)	1:11:A:ILE:HB	1:44:A:GLU:HB2	10	1.66
(18,1052)	1:11:A:ILE:HB	1:44:A:GLU:HB3	10	1.66
(17,2078)	1:34:A:LYS:H	1:81:A:GLU:HB2	19	1.66
(17,2078)	1:34:A:LYS:H	1:81:A:GLU:HB3	19	1.66
(17,1725)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	5	1.66
(17,1669)	1:132:A:ALA:HA	1:134:A:VAL:HG21	19	1.66
(17,1669)	1:132:A:ALA:HA	1:134:A:VAL:HG22	19	1.66
(17,1669)	1:132:A:ALA:HA	1:134:A:VAL:HG23	19	1.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1361)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	13	1.66
(17,1361)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	13	1.66
(17,1361)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	13	1.66
(17,1361)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	13	1.66
(17,1361)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	13	1.66
(17,1361)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	13	1.66
(17,1097)	1:141:A:LYS:HA	1:149:A:ALA:HB1	10	1.66
(17,1097)	1:141:A:LYS:HA	1:149:A:ALA:HB2	10	1.66
(17,1097)	1:141:A:LYS:HA	1:149:A:ALA:HB3	10	1.66
(17,1026)	1:113:A:PHE:HA	1:116:A:GLN:HG3	1	1.66
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD11	5	1.66
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD12	5	1.66
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD13	5	1.66
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD21	5	1.66
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD22	5	1.66
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD23	5	1.66
(16,1701)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	5	1.66
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	8	1.66
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	8	1.66
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	8	1.66
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	8	1.66
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	8	1.66
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	8	1.66
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	8	1.66
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	8	1.66
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	8	1.66
(15,1939)	1:11:A:ILE:HG13	1:44:A:GLU:HG2	14	1.66
(15,1939)	1:11:A:ILE:HG13	1:44:A:GLU:HG3	14	1.66
(15,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	13	1.66
(15,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	13	1.66
(15,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	13	1.66
(15,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	13	1.66
(15,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	13	1.66
(15,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	13	1.66
(15,994)	1:98:A:ILE:H	1:105:A:LYS:HD2	9	1.66
(15,994)	1:98:A:ILE:H	1:105:A:LYS:HD3	9	1.66
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	4	1.66
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	4	1.66
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	4	1.66
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	4	1.66
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	4	1.66
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	4	1.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	4	1.66
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	4	1.66
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	4	1.66
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	4	1.66
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	4	1.66
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	4	1.66
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	4	1.66
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	4	1.66
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	4	1.66
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	4	1.66
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	4	1.66
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	4	1.66
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	8	1.66
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	8	1.66
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	8	1.66
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	8	1.66
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	8	1.66
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	8	1.66
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	8	1.66
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	8	1.66
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	8	1.66
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	8	1.66
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	8	1.66
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	8	1.66
(13,1596)	1:12:A:VAL:HA	1:80:A:TYR:HB3	2	1.66
(13,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB1	10	1.66
(13,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB2	10	1.66
(13,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB3	10	1.66
(13,417)	1:100:A:ALA:H	1:119:A:LEU:HB3	1	1.66
(11,2075)	1:32:A:GLY:HA2	1:81:A:GLU:H	13	1.66
(11,2075)	1:32:A:GLY:HA3	1:81:A:GLU:H	13	1.66
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	5	1.66
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	5	1.66
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	5	1.66
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	5	1.66
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	5	1.66
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	5	1.66
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	5	1.66
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	5	1.66
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	5	1.66
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	5	1.66
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	5	1.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	5	1.66
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	12	1.66
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	12	1.66
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	12	1.66
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	13	1.66
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	13	1.66
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	13	1.66
(9,707)	1:44:A:GLU:HB2	1:48:A:ARG:HE	9	1.66
(9,707)	1:44:A:GLU:HB3	1:48:A:ARG:HE	9	1.66
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB2	4	1.66
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB3	4	1.66
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD11	5	1.66
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD12	5	1.66
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD13	5	1.66
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD21	5	1.66
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD22	5	1.66
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD23	5	1.66
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD11	5	1.66
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD12	5	1.66
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD13	5	1.66
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD21	5	1.66
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD22	5	1.66
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD23	5	1.66
(7,1611)	1:27:A:ARG:HA	1:30:A:LEU:H	14	1.66
(7,1327)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	13	1.66
(7,1327)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	13	1.66
(7,1327)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	13	1.66
(7,1327)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	13	1.66
(7,1327)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	13	1.66
(7,1327)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	13	1.66
(7,960)	1:15:A:ALA:HB1	1:134:A:VAL:HB	2	1.66
(7,960)	1:15:A:ALA:HB2	1:134:A:VAL:HB	2	1.66
(7,960)	1:15:A:ALA:HB3	1:134:A:VAL:HB	2	1.66
(7,484)	1:145:A:PRO:HB3	1:148:A:CYS:H	9	1.66
(6,1871)	1:9:A:PHE:HE1	1:14:A:VAL:HB	14	1.66
(6,1871)	1:9:A:PHE:HE2	1:14:A:VAL:HB	14	1.66
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD11	2	1.66
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD12	2	1.66
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD13	2	1.66
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD11	4	1.66
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD12	4	1.66
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD13	4	1.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,963)	1:15:A:ALA:HB1	1:134:A:VAL:HB	2	1.66
(6,963)	1:15:A:ALA:HB2	1:134:A:VAL:HB	2	1.66
(6,963)	1:15:A:ALA:HB3	1:134:A:VAL:HB	2	1.66
(6,946)	1:66:A:THR:H	1:96:A:VAL:HB	10	1.66
(5,2471)	1:144:A:LEU:HD11	1:147:A:ARG:HB2	3	1.66
(5,2471)	1:144:A:LEU:HD11	1:147:A:ARG:HB3	3	1.66
(5,2471)	1:144:A:LEU:HD12	1:147:A:ARG:HB2	3	1.66
(5,2471)	1:144:A:LEU:HD12	1:147:A:ARG:HB3	3	1.66
(5,2471)	1:144:A:LEU:HD13	1:147:A:ARG:HB2	3	1.66
(5,2471)	1:144:A:LEU:HD13	1:147:A:ARG:HB3	3	1.66
(5,2471)	1:144:A:LEU:HD21	1:147:A:ARG:HB2	3	1.66
(5,2471)	1:144:A:LEU:HD21	1:147:A:ARG:HB3	3	1.66
(5,2471)	1:144:A:LEU:HD22	1:147:A:ARG:HB2	3	1.66
(5,2471)	1:144:A:LEU:HD22	1:147:A:ARG:HB3	3	1.66
(5,2471)	1:144:A:LEU:HD23	1:147:A:ARG:HB2	3	1.66
(5,2471)	1:144:A:LEU:HD23	1:147:A:ARG:HB3	3	1.66
(5,2146)	1:43:A:MET:HE1	1:144:A:LEU:HB2	13	1.66
(5,2146)	1:43:A:MET:HE1	1:144:A:LEU:HB3	13	1.66
(5,2146)	1:43:A:MET:HE2	1:144:A:LEU:HB2	13	1.66
(5,2146)	1:43:A:MET:HE2	1:144:A:LEU:HB3	13	1.66
(5,2146)	1:43:A:MET:HE3	1:144:A:LEU:HB2	13	1.66
(5,2146)	1:43:A:MET:HE3	1:144:A:LEU:HB3	13	1.66
(5,1893)	1:9:A:PHE:HE1	1:14:A:VAL:HB	8	1.66
(5,1893)	1:9:A:PHE:HE2	1:14:A:VAL:HB	8	1.66
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	8	1.66
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	8	1.66
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	8	1.66
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	8	1.66
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	8	1.66
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	8	1.66
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	8	1.66
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	8	1.66
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	8	1.66
(5,1398)	1:12:A:VAL:HG21	1:13:A:ALA:HA	19	1.66
(5,1398)	1:12:A:VAL:HG22	1:13:A:ALA:HA	19	1.66
(5,1398)	1:12:A:VAL:HG23	1:13:A:ALA:HA	19	1.66
(5,1005)	1:14:A:VAL:HG21	1:61:A:SER:HB3	4	1.66
(5,1005)	1:14:A:VAL:HG22	1:61:A:SER:HB3	4	1.66
(5,1005)	1:14:A:VAL:HG23	1:61:A:SER:HB3	4	1.66
(5,27)	1:13:A:ALA:H	1:14:A:VAL:HB	4	1.66
(4,1371)	1:19:A:ALA:HB1	1:132:A:ALA:HA	6	1.66
(4,1371)	1:19:A:ALA:HB2	1:132:A:ALA:HA	6	1.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1371)	1:19:A:ALA:HB3	1:132:A:ALA:HA	6	1.66
(4,1329)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	13	1.66
(4,1329)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	13	1.66
(4,1329)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	13	1.66
(4,1329)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	13	1.66
(4,1329)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	13	1.66
(4,1329)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	13	1.66
(4,1069)	1:141:A:LYS:HA	1:149:A:ALA:HB1	10	1.66
(4,1069)	1:141:A:LYS:HA	1:149:A:ALA:HB2	10	1.66
(4,1069)	1:141:A:LYS:HA	1:149:A:ALA:HB3	10	1.66
(4,965)	1:15:A:ALA:HB1	1:134:A:VAL:HB	2	1.66
(4,965)	1:15:A:ALA:HB2	1:134:A:VAL:HB	2	1.66
(4,965)	1:15:A:ALA:HB3	1:134:A:VAL:HB	2	1.66
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD11	2	1.66
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD12	2	1.66
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD13	2	1.66
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD2	10	1.66
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD3	10	1.66
(3,1653)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	12	1.66
(3,1653)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	12	1.66
(3,1653)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	12	1.66
(3,990)	1:47:A:ALA:HB1	1:134:A:VAL:HB	9	1.66
(3,990)	1:47:A:ALA:HB2	1:134:A:VAL:HB	9	1.66
(3,990)	1:47:A:ALA:HB3	1:134:A:VAL:HB	9	1.66
(3,662)	1:100:A:ALA:H	1:119:A:LEU:HG	12	1.66
(3,485)	1:145:A:PRO:HB2	1:148:A:CYS:H	13	1.66
(3,425)	1:100:A:ALA:H	1:119:A:LEU:HB3	1	1.66
(2,1783)	1:39:A:VAL:HG21	1:144:A:LEU:H	3	1.66
(2,1783)	1:39:A:VAL:HG22	1:144:A:LEU:H	3	1.66
(2,1783)	1:39:A:VAL:HG23	1:144:A:LEU:H	3	1.66
(2,1645)	1:12:A:VAL:HA	1:80:A:TYR:HB3	2	1.66
(2,1638)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	12	1.66
(2,1638)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	12	1.66
(2,1638)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	12	1.66
(1,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	13	1.66
(1,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	13	1.66
(1,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	13	1.66
(1,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	13	1.66
(1,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	13	1.66
(1,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	13	1.66
(1,1100)	1:141:A:LYS:HA	1:149:A:ALA:HB1	10	1.66
(1,1100)	1:141:A:LYS:HA	1:149:A:ALA:HB2	10	1.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1100)	1:141:A:LYS:HA	1:149:A:ALA:HB3	10	1.66
(1,1048)	1:11:A:ILE:HB	1:44:A:GLU:HB2	10	1.66
(1,1048)	1:11:A:ILE:HB	1:44:A:GLU:HB3	10	1.66
(1,978)	1:66:A:THR:H	1:96:A:VAL:HB	10	1.66
(1,30)	1:13:A:ALA:H	1:14:A:VAL:HB	4	1.66
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	3	1.65
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	3	1.65
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	3	1.65
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	3	1.65
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	3	1.65
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	3	1.65
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	3	1.65
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	3	1.65
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	3	1.65
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	3	1.65
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	3	1.65
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	3	1.65
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	3	1.65
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	3	1.65
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	3	1.65
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	3	1.65
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	3	1.65
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	3	1.65
(34,1900)	1:18:A:PHE:HE1	1:131:A:LEU:H	9	1.65
(34,1900)	1:18:A:PHE:HE2	1:131:A:LEU:H	9	1.65
(34,1293)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	4	1.65
(34,1293)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	4	1.65
(34,1293)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	4	1.65
(34,1293)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	4	1.65
(34,1293)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	4	1.65
(34,1293)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	4	1.65
(34,826)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	3	1.65
(34,826)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	3	1.65
(34,826)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	3	1.65
(34,804)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	17	1.65
(34,804)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	17	1.65
(34,804)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	17	1.65
(34,804)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	17	1.65
(34,804)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	17	1.65
(34,804)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	17	1.65
(33,2069)	1:34:A:LYS:H	1:81:A:GLU:HB2	19	1.65
(33,2069)	1:34:A:LYS:H	1:81:A:GLU:HB3	19	1.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1892)	1:18:A:PHE:HE1	1:131:A:LEU:H	9	1.65
(33,1892)	1:18:A:PHE:HE2	1:131:A:LEU:H	9	1.65
(33,1888)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	3	1.65
(33,1692)	1:43:A:MET:HE1	1:137:A:SER:H	3	1.65
(33,1692)	1:43:A:MET:HE2	1:137:A:SER:H	3	1.65
(33,1692)	1:43:A:MET:HE3	1:137:A:SER:H	3	1.65
(33,1588)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	11	1.65
(33,1588)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	11	1.65
(33,1588)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	11	1.65
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB1	8	1.65
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB2	8	1.65
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB3	8	1.65
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE1	18	1.65
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE2	18	1.65
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE1	18	1.65
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE2	18	1.65
(32,1858)	1:18:A:PHE:HE1	1:131:A:LEU:H	9	1.65
(32,1858)	1:18:A:PHE:HE2	1:131:A:LEU:H	9	1.65
(32,1810)	1:79:A:THR:HB	1:80:A:TYR:HE1	12	1.65
(32,1810)	1:79:A:THR:HB	1:80:A:TYR:HE2	12	1.65
(32,1611)	1:132:A:ALA:HA	1:134:A:VAL:HG21	1	1.65
(32,1611)	1:132:A:ALA:HA	1:134:A:VAL:HG22	1	1.65
(32,1611)	1:132:A:ALA:HA	1:134:A:VAL:HG23	1	1.65
(32,598)	1:55:A:GLY:H	1:58:A:ILE:HG13	12	1.65
(30,2082)	1:35:A:LEU:HD11	1:143:A:TRP:HA	3	1.65
(30,2082)	1:35:A:LEU:HD12	1:143:A:TRP:HA	3	1.65
(30,2082)	1:35:A:LEU:HD13	1:143:A:TRP:HA	3	1.65
(30,2082)	1:35:A:LEU:HD21	1:143:A:TRP:HA	3	1.65
(30,2082)	1:35:A:LEU:HD22	1:143:A:TRP:HA	3	1.65
(30,2082)	1:35:A:LEU:HD23	1:143:A:TRP:HA	3	1.65
(30,1894)	1:18:A:PHE:HE1	1:131:A:LEU:H	9	1.65
(30,1894)	1:18:A:PHE:HE2	1:131:A:LEU:H	9	1.65
(30,1601)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	11	1.65
(30,1601)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	11	1.65
(30,1601)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	11	1.65
(30,1374)	1:132:A:ALA:HA	1:134:A:VAL:HG21	1	1.65
(30,1374)	1:132:A:ALA:HA	1:134:A:VAL:HG22	1	1.65
(30,1374)	1:132:A:ALA:HA	1:134:A:VAL:HG23	1	1.65
(30,1153)	1:13:A:ALA:HB1	1:80:A:TYR:HA	14	1.65
(30,1153)	1:13:A:ALA:HB2	1:80:A:TYR:HA	14	1.65
(30,1153)	1:13:A:ALA:HB3	1:80:A:TYR:HA	14	1.65
(30,816)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	3	1.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,816)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	3	1.65
(30,816)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	3	1.65
(30,613)	1:55:A:GLY:H	1:58:A:ILE:HG13	12	1.65
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD11	6	1.65
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD12	6	1.65
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD13	6	1.65
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD21	6	1.65
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD22	6	1.65
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD23	6	1.65
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD11	13	1.65
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD12	13	1.65
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD13	13	1.65
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD21	13	1.65
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD22	13	1.65
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD23	13	1.65
(29,1911)	1:18:A:PHE:HE1	1:131:A:LEU:H	9	1.65
(29,1911)	1:18:A:PHE:HE2	1:131:A:LEU:H	9	1.65
(29,1383)	1:132:A:ALA:HA	1:134:A:VAL:HG21	1	1.65
(29,1383)	1:132:A:ALA:HA	1:134:A:VAL:HG22	1	1.65
(29,1383)	1:132:A:ALA:HA	1:134:A:VAL:HG23	1	1.65
(29,1278)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	4	1.65
(29,1278)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	4	1.65
(29,1278)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	4	1.65
(29,1278)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	4	1.65
(29,1278)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	4	1.65
(29,1278)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	4	1.65
(29,814)	1:11:A:ILE:HD11	1:14:A:VAL:HB	19	1.65
(29,814)	1:11:A:ILE:HD12	1:14:A:VAL:HB	19	1.65
(29,814)	1:11:A:ILE:HD13	1:14:A:VAL:HB	19	1.65
(29,587)	1:129:A:LYS:HG2	1:130:A:GLY:H	19	1.65
(20,9)	1:56:A:CYS:SG	1:127:A:CYS:SG	11	1.65
(20,4)	1:52:A:CYS:SG	1:123:A:CYS:SG	12	1.65
(19,9)	1:127:A:CYS:SG	1:123:A:CYS:CB	4	1.65
(19,4)	1:123:A:CYS:SG	1:120:A:CYS:CB	16	1.65
(18,2132)	1:41:A:LYS:HG2	1:44:A:GLU:HG2	11	1.65
(18,2132)	1:41:A:LYS:HG2	1:44:A:GLU:HG3	11	1.65
(18,2132)	1:41:A:LYS:HG3	1:44:A:GLU:HG2	11	1.65
(18,2132)	1:41:A:LYS:HG3	1:44:A:GLU:HG3	11	1.65
(18,1881)	1:18:A:PHE:HE1	1:131:A:LEU:H	9	1.65
(18,1881)	1:18:A:PHE:HE2	1:131:A:LEU:H	9	1.65
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD1	14	1.65
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD2	14	1.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1775)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	3	1.65
(18,1775)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	3	1.65
(18,1775)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	3	1.65
(18,1775)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	3	1.65
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	5	1.65
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	5	1.65
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	5	1.65
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	5	1.65
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	5	1.65
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	5	1.65
(17,1026)	1:113:A:PHE:HA	1:116:A:GLN:HG3	9	1.65
(17,511)	1:70:A:LYS:HG3	1:71:A:LYS:H	6	1.65
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD11	1	1.65
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD12	1	1.65
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD13	1	1.65
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD21	1	1.65
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD22	1	1.65
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD23	1	1.65
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD11	1	1.65
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD12	1	1.65
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD13	1	1.65
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD21	1	1.65
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD22	1	1.65
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD23	1	1.65
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD11	1	1.65
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD12	1	1.65
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD13	1	1.65
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD21	1	1.65
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD22	1	1.65
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD23	1	1.65
(16,1874)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	9	1.65
(16,1874)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	9	1.65
(16,1626)	1:27:A:ARG:HA	1:30:A:LEU:H	4	1.65
(16,1380)	1:132:A:ALA:HA	1:134:A:VAL:HG21	1	1.65
(16,1380)	1:132:A:ALA:HA	1:134:A:VAL:HG22	1	1.65
(16,1380)	1:132:A:ALA:HA	1:134:A:VAL:HG23	1	1.65
(16,945)	1:79:A:THR:HG21	1:81:A:GLU:HG2	6	1.65
(16,945)	1:79:A:THR:HG21	1:81:A:GLU:HG3	6	1.65
(16,945)	1:79:A:THR:HG22	1:81:A:GLU:HG2	6	1.65
(16,945)	1:79:A:THR:HG22	1:81:A:GLU:HG3	6	1.65
(16,945)	1:79:A:THR:HG23	1:81:A:GLU:HG2	6	1.65
(16,945)	1:79:A:THR:HG23	1:81:A:GLU:HG3	6	1.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1874)	1:18:A:PHE:HE1	1:61:A:SER:H	1	1.65
(15,1874)	1:18:A:PHE:HE2	1:61:A:SER:H	1	1.65
(15,1871)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	3	1.65
(15,1649)	1:132:A:ALA:HA	1:134:A:VAL:HG21	1	1.65
(15,1649)	1:132:A:ALA:HA	1:134:A:VAL:HG22	1	1.65
(15,1649)	1:132:A:ALA:HA	1:134:A:VAL:HG23	1	1.65
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	9	1.65
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	9	1.65
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	9	1.65
(15,1153)	1:13:A:ALA:HB1	1:80:A:TYR:HA	14	1.65
(15,1153)	1:13:A:ALA:HB2	1:80:A:TYR:HA	14	1.65
(15,1153)	1:13:A:ALA:HB3	1:80:A:TYR:HA	14	1.65
(15,990)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	3	1.65
(15,990)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	3	1.65
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	18	1.65
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	18	1.65
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	18	1.65
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	18	1.65
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	18	1.65
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	18	1.65
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	18	1.65
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	18	1.65
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	18	1.65
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	18	1.65
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	18	1.65
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	18	1.65
(13,1131)	1:13:A:ALA:HB1	1:80:A:TYR:HA	14	1.65
(13,1131)	1:13:A:ALA:HB2	1:80:A:TYR:HA	14	1.65
(13,1131)	1:13:A:ALA:HB3	1:80:A:TYR:HA	14	1.65
(13,608)	1:55:A:GLY:H	1:58:A:ILE:HG13	12	1.65
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD11	3	1.65
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD12	3	1.65
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD13	3	1.65
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD21	3	1.65
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD22	3	1.65
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD23	3	1.65
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD11	3	1.65
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD12	3	1.65
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD13	3	1.65
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD21	3	1.65
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD22	3	1.65
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD23	3	1.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1912)	1:18:A:PHE:HE1	1:131:A:LEU:H	9	1.65
(11,1912)	1:18:A:PHE:HE2	1:131:A:LEU:H	9	1.65
(11,1584)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	2	1.65
(11,1584)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	2	1.65
(11,1584)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	2	1.65
(11,1422)	1:56:A:CYS:HA	1:120:A:CYS:HA	4	1.65
(11,940)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	6	1.65
(9,2059)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	3	1.65
(9,2059)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	3	1.65
(9,2059)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	3	1.65
(9,2059)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	3	1.65
(9,2059)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	3	1.65
(9,2059)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	3	1.65
(9,1941)	1:10:A:ASN:HD21	1:81:A:GLU:H	18	1.65
(9,1941)	1:10:A:ASN:HD22	1:81:A:GLU:H	18	1.65
(9,1892)	1:18:A:PHE:HE1	1:131:A:LEU:H	9	1.65
(9,1892)	1:18:A:PHE:HE2	1:131:A:LEU:H	9	1.65
(9,1644)	1:132:A:ALA:HA	1:134:A:VAL:HG21	1	1.65
(9,1644)	1:132:A:ALA:HA	1:134:A:VAL:HG22	1	1.65
(9,1644)	1:132:A:ALA:HA	1:134:A:VAL:HG23	1	1.65
(9,914)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	8	1.65
(7,2050)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	3	1.65
(7,2050)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	3	1.65
(7,2050)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	3	1.65
(7,2050)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	3	1.65
(7,2050)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	3	1.65
(7,2050)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	3	1.65
(7,2048)	1:35:A:LEU:HD11	1:143:A:TRP:HA	3	1.65
(7,2048)	1:35:A:LEU:HD12	1:143:A:TRP:HA	3	1.65
(7,2048)	1:35:A:LEU:HD13	1:143:A:TRP:HA	3	1.65
(7,2048)	1:35:A:LEU:HD21	1:143:A:TRP:HA	3	1.65
(7,2048)	1:35:A:LEU:HD22	1:143:A:TRP:HA	3	1.65
(7,2048)	1:35:A:LEU:HD23	1:143:A:TRP:HA	3	1.65
(7,1860)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	3	1.65
(7,970)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	3	1.65
(7,970)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	3	1.65
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG2	3	1.65
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG3	3	1.65
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG2	4	1.65
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG3	4	1.65
(6,1698)	1:43:A:MET:HE1	1:137:A:SER:H	3	1.65
(6,1698)	1:43:A:MET:HE2	1:137:A:SER:H	3	1.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1698)	1:43:A:MET:HE3	1:137:A:SER:H	3	1.65
(6,1696)	1:43:A:MET:HE1	1:135:A:GLN:H	5	1.65
(6,1696)	1:43:A:MET:HE2	1:135:A:GLN:H	5	1.65
(6,1696)	1:43:A:MET:HE3	1:135:A:GLN:H	5	1.65
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD11	13	1.65
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD12	13	1.65
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD13	13	1.65
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD21	13	1.65
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD22	13	1.65
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD23	13	1.65
(5,1611)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	11	1.65
(5,1611)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	11	1.65
(5,1611)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	11	1.65
(5,1398)	1:12:A:VAL:HG21	1:13:A:ALA:HA	7	1.65
(5,1398)	1:12:A:VAL:HG22	1:13:A:ALA:HA	7	1.65
(5,1398)	1:12:A:VAL:HG23	1:13:A:ALA:HA	7	1.65
(5,1398)	1:12:A:VAL:HG21	1:13:A:ALA:HA	8	1.65
(5,1398)	1:12:A:VAL:HG22	1:13:A:ALA:HA	8	1.65
(5,1398)	1:12:A:VAL:HG23	1:13:A:ALA:HA	8	1.65
(5,1398)	1:12:A:VAL:HG21	1:13:A:ALA:HA	15	1.65
(5,1398)	1:12:A:VAL:HG22	1:13:A:ALA:HA	15	1.65
(5,1398)	1:12:A:VAL:HG23	1:13:A:ALA:HA	15	1.65
(5,1395)	1:132:A:ALA:HA	1:134:A:VAL:HG21	1	1.65
(5,1395)	1:132:A:ALA:HA	1:134:A:VAL:HG22	1	1.65
(5,1395)	1:132:A:ALA:HA	1:134:A:VAL:HG23	1	1.65
(5,1277)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	4	1.65
(5,1277)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	4	1.65
(5,1277)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	4	1.65
(5,1277)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	4	1.65
(5,1277)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	4	1.65
(5,1277)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	4	1.65
(5,1031)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	8	1.65
(5,969)	1:11:A:ILE:HG12	1:14:A:VAL:HB	4	1.65
(4,1867)	1:18:A:PHE:HE1	1:61:A:SER:H	1	1.65
(4,1867)	1:18:A:PHE:HE2	1:61:A:SER:H	1	1.65
(4,1675)	1:43:A:MET:HE1	1:135:A:GLN:H	5	1.65
(4,1675)	1:43:A:MET:HE2	1:135:A:GLN:H	5	1.65
(4,1675)	1:43:A:MET:HE3	1:135:A:GLN:H	5	1.65
(4,975)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	3	1.65
(4,975)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	3	1.65
(4,815)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	3	1.65
(4,815)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	3	1.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,815)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	3	1.65
(3,2105)	1:35:A:LEU:HD11	1:143:A:TRP:HA	3	1.65
(3,2105)	1:35:A:LEU:HD12	1:143:A:TRP:HA	3	1.65
(3,2105)	1:35:A:LEU:HD13	1:143:A:TRP:HA	3	1.65
(3,2105)	1:35:A:LEU:HD21	1:143:A:TRP:HA	3	1.65
(3,2105)	1:35:A:LEU:HD22	1:143:A:TRP:HA	3	1.65
(3,2105)	1:35:A:LEU:HD23	1:143:A:TRP:HA	3	1.65
(3,2104)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	6	1.65
(3,2104)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	6	1.65
(3,2104)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	6	1.65
(3,2104)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	6	1.65
(3,2104)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	6	1.65
(3,2104)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	6	1.65
(3,2104)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	6	1.65
(3,2104)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	6	1.65
(3,2104)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	6	1.65
(3,2104)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	6	1.65
(3,2104)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	6	1.65
(3,2104)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	6	1.65
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE1	18	1.65
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE2	18	1.65
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE1	18	1.65
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE2	18	1.65
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	3	1.65
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	3	1.65
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	3	1.65
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	3	1.65
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	3	1.65
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	3	1.65
(3,1921)	1:18:A:PHE:HE1	1:131:A:LEU:H	9	1.65
(3,1921)	1:18:A:PHE:HE2	1:131:A:LEU:H	9	1.65
(3,1679)	1:134:A:VAL:HG11	1:137:A:SER:H	3	1.65
(3,1679)	1:134:A:VAL:HG12	1:137:A:SER:H	3	1.65
(3,1679)	1:134:A:VAL:HG13	1:137:A:SER:H	3	1.65
(3,572)	1:98:A:ILE:HG13	1:116:A:GLN:H	6	1.65
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG11	9	1.65
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG12	9	1.65
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG13	9	1.65
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG21	9	1.65
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG22	9	1.65
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG23	9	1.65
(2,1919)	1:18:A:PHE:HE1	1:131:A:LEU:H	9	1.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1919)	1:18:A:PHE:HE2	1:131:A:LEU:H	9	1.65
(2,1915)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	3	1.65
(2,1145)	1:13:A:ALA:HB1	1:80:A:TYR:HA	14	1.65
(2,1145)	1:13:A:ALA:HB2	1:80:A:TYR:HA	14	1.65
(2,1145)	1:13:A:ALA:HB3	1:80:A:TYR:HA	14	1.65
(2,1136)	1:10:A:ASN:HD22	1:80:A:TYR:HA	10	1.65
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD21	17	1.65
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD22	17	1.65
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD23	17	1.65
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD21	17	1.65
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD22	17	1.65
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD23	17	1.65
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD21	17	1.65
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD22	17	1.65
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD23	17	1.65
(2,978)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	19	1.65
(2,978)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	19	1.65
(2,622)	1:40:A:LEU:H	1:43:A:MET:HG3	9	1.65
(2,581)	1:129:A:LYS:HG2	1:130:A:GLY:H	19	1.65
(2,479)	1:145:A:PRO:HB2	1:148:A:CYS:H	9	1.65
(1,2040)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	10	1.65
(1,2040)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	10	1.65
(1,2040)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	10	1.65
(1,2040)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	10	1.65
(1,2040)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	10	1.65
(1,2040)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	10	1.65
(1,2040)	1:27:A:ARG:HB3	1:30:A:LEU:HD11	10	1.65
(1,2040)	1:27:A:ARG:HB3	1:30:A:LEU:HD12	10	1.65
(1,2040)	1:27:A:ARG:HB3	1:30:A:LEU:HD13	10	1.65
(1,2040)	1:27:A:ARG:HB3	1:30:A:LEU:HD21	10	1.65
(1,2040)	1:27:A:ARG:HB3	1:30:A:LEU:HD22	10	1.65
(1,2040)	1:27:A:ARG:HB3	1:30:A:LEU:HD23	10	1.65
(1,1382)	1:12:A:VAL:HG21	1:13:A:ALA:HA	19	1.65
(1,1382)	1:12:A:VAL:HG22	1:13:A:ALA:HA	19	1.65
(1,1382)	1:12:A:VAL:HG23	1:13:A:ALA:HA	19	1.65
(1,648)	1:66:A:THR:H	1:96:A:VAL:H	3	1.65
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG11	6	1.64
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG12	6	1.64
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG13	6	1.64
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG21	6	1.64
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG22	6	1.64
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG23	6	1.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	5	1.64
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	5	1.64
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	5	1.64
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	5	1.64
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	5	1.64
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	5	1.64
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	5	1.64
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	5	1.64
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	5	1.64
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	5	1.64
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	5	1.64
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	5	1.64
(34,1978)	1:12:A:VAL:HG11	1:79:A:THR:HB	4	1.64
(34,1978)	1:12:A:VAL:HG12	1:79:A:THR:HB	4	1.64
(34,1978)	1:12:A:VAL:HG13	1:79:A:THR:HB	4	1.64
(34,1978)	1:12:A:VAL:HG21	1:79:A:THR:HB	4	1.64
(34,1978)	1:12:A:VAL:HG22	1:79:A:THR:HB	4	1.64
(34,1978)	1:12:A:VAL:HG23	1:79:A:THR:HB	4	1.64
(34,1633)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	11	1.64
(34,1633)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	11	1.64
(34,1633)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	11	1.64
(34,1633)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	11	1.64
(34,1633)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	11	1.64
(34,1633)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	11	1.64
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG21	18	1.64
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG22	18	1.64
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG23	18	1.64
(34,764)	1:37:A:LEU:H	1:40:A:LEU:HB3	15	1.64
(33,2307)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	17	1.64
(33,2307)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	17	1.64
(33,2307)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	17	1.64
(33,2307)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	17	1.64
(33,2307)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	17	1.64
(33,2307)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	17	1.64
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	17	1.64
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	17	1.64
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	17	1.64
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	17	1.64
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	17	1.64
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	17	1.64
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE1	5	1.64
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE2	5	1.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE1	5	1.64
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE2	5	1.64
(32,66)	1:63:A:ILE:HG21	1:117:A:VAL:H	17	1.64
(32,66)	1:63:A:ILE:HG22	1:117:A:VAL:H	17	1.64
(32,66)	1:63:A:ILE:HG23	1:117:A:VAL:H	17	1.64
(30,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	1	1.64
(30,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	1	1.64
(30,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	1	1.64
(30,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	1	1.64
(30,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	1	1.64
(30,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	1	1.64
(30,1831)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	17	1.64
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG11	11	1.64
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG12	11	1.64
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG13	11	1.64
(30,482)	1:145:A:PRO:HB2	1:148:A:CYS:H	18	1.64
(18,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	1	1.64
(18,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	1	1.64
(18,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	1	1.64
(18,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	1	1.64
(18,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	1	1.64
(18,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	1	1.64
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD1	13	1.64
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD2	13	1.64
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	9	1.64
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	9	1.64
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	9	1.64
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	9	1.64
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	9	1.64
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	9	1.64
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	8	1.64
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	8	1.64
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	8	1.64
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	8	1.64
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	8	1.64
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	8	1.64
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	8	1.64
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	8	1.64
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	8	1.64
(16,2432)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	9	1.64
(16,2432)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	9	1.64
(16,2432)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	9	1.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2432)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	9	1.64
(16,2432)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	9	1.64
(16,2432)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	9	1.64
(16,2071)	1:32:A:GLY:HA2	1:81:A:GLU:H	11	1.64
(16,2071)	1:32:A:GLY:HA3	1:81:A:GLU:H	11	1.64
(16,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	15	1.64
(16,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	15	1.64
(16,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	15	1.64
(16,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	15	1.64
(16,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	15	1.64
(16,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	15	1.64
(16,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	15	1.64
(16,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	15	1.64
(16,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	15	1.64
(16,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	15	1.64
(16,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	15	1.64
(16,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	15	1.64
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD11	5	1.64
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD12	5	1.64
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD13	5	1.64
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD21	5	1.64
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD22	5	1.64
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD23	5	1.64
(16,1013)	1:35:A:LEU:HG	1:143:A:TRP:HB3	13	1.64
(16,978)	1:11:A:ILE:HG12	1:43:A:MET:HB2	7	1.64
(16,968)	1:39:A:VAL:HA	1:43:A:MET:HG2	9	1.64
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	10	1.64
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	10	1.64
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	10	1.64
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	10	1.64
(15,992)	1:12:A:VAL:HB	1:40:A:LEU:H	2	1.64
(13,1848)	1:64:A:LYS:HD2	1:104:A:PHE:HZ	16	1.64
(13,1848)	1:64:A:LYS:HD3	1:104:A:PHE:HZ	16	1.64
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	9	1.64
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	9	1.64
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	9	1.64
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	9	1.64
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	9	1.64
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	9	1.64
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	9	1.64
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	9	1.64
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	9	1.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	9	1.64
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	9	1.64
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	9	1.64
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	9	1.64
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	9	1.64
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	9	1.64
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	9	1.64
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	9	1.64
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	9	1.64
(11,1857)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	17	1.64
(11,940)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	11	1.64
(9,962)	1:11:A:ILE:HG12	1:43:A:MET:HB2	7	1.64
(9,757)	1:37:A:LEU:H	1:40:A:LEU:HB3	15	1.64
(7,2274)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	17	1.64
(7,2274)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	17	1.64
(7,2274)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	17	1.64
(7,2274)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	17	1.64
(7,2274)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	17	1.64
(7,2274)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	17	1.64
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG11	9	1.64
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG12	9	1.64
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG13	9	1.64
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG21	9	1.64
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG22	9	1.64
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG23	9	1.64
(7,743)	1:43:A:MET:HE1	1:134:A:VAL:H	5	1.64
(7,743)	1:43:A:MET:HE2	1:134:A:VAL:H	5	1.64
(7,743)	1:43:A:MET:HE3	1:134:A:VAL:H	5	1.64
(7,743)	1:43:A:MET:HE1	1:134:A:VAL:H	6	1.64
(7,743)	1:43:A:MET:HE2	1:134:A:VAL:H	6	1.64
(7,743)	1:43:A:MET:HE3	1:134:A:VAL:H	6	1.64
(6,1904)	1:18:A:PHE:HE1	1:117:A:VAL:HA	17	1.64
(6,1904)	1:18:A:PHE:HE2	1:117:A:VAL:HA	17	1.64
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	8	1.64
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	8	1.64
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	8	1.64
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	8	1.64
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	8	1.64
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	8	1.64
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	8	1.64
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	8	1.64
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	8	1.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD1	3	1.64
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD2	3	1.64
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD1	3	1.64
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD2	3	1.64
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD1	6	1.64
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD2	6	1.64
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD1	6	1.64
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD2	6	1.64
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD1	15	1.64
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD2	15	1.64
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD1	15	1.64
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD2	15	1.64
(5,1855)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	17	1.64
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD11	11	1.64
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD12	11	1.64
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD13	11	1.64
(5,1398)	1:12:A:VAL:HG21	1:13:A:ALA:HA	1	1.64
(5,1398)	1:12:A:VAL:HG22	1:13:A:ALA:HA	1	1.64
(5,1398)	1:12:A:VAL:HG23	1:13:A:ALA:HA	1	1.64
(5,1000)	1:95:A:ILE:HG21	1:105:A:LYS:HB2	13	1.64
(5,1000)	1:95:A:ILE:HG21	1:105:A:LYS:HB3	13	1.64
(5,1000)	1:95:A:ILE:HG22	1:105:A:LYS:HB2	13	1.64
(5,1000)	1:95:A:ILE:HG22	1:105:A:LYS:HB3	13	1.64
(5,1000)	1:95:A:ILE:HG23	1:105:A:LYS:HB2	13	1.64
(5,1000)	1:95:A:ILE:HG23	1:105:A:LYS:HB3	13	1.64
(4,1808)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	17	1.64
(4,1725)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	6	1.64
(4,1725)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	6	1.64
(4,1725)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	6	1.64
(4,740)	1:43:A:MET:HE1	1:134:A:VAL:H	5	1.64
(4,740)	1:43:A:MET:HE2	1:134:A:VAL:H	5	1.64
(4,740)	1:43:A:MET:HE3	1:134:A:VAL:H	5	1.64
(4,740)	1:43:A:MET:HE1	1:134:A:VAL:H	6	1.64
(4,740)	1:43:A:MET:HE2	1:134:A:VAL:H	6	1.64
(4,740)	1:43:A:MET:HE3	1:134:A:VAL:H	6	1.64
(4,213)	1:44:A:GLU:HG2	1:48:A:ARG:H	10	1.64
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE1	5	1.64
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE2	5	1.64
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE1	5	1.64
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE2	5	1.64
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD11	10	1.64
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD12	10	1.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD13	10	1.64
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD11	10	1.64
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD12	10	1.64
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD13	10	1.64
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD11	10	1.64
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD12	10	1.64
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD13	10	1.64
(2,2317)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	17	1.64
(2,2317)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	17	1.64
(2,2317)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	17	1.64
(2,2317)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	17	1.64
(2,2317)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	17	1.64
(2,2317)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	17	1.64
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG11	3	1.64
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG12	3	1.64
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG13	3	1.64
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG21	3	1.64
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG22	3	1.64
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG23	3	1.64
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG11	19	1.64
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG12	19	1.64
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG13	19	1.64
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG21	19	1.64
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG22	19	1.64
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG23	19	1.64
(2,2195)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	11	1.64
(2,2195)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	11	1.64
(2,2195)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	11	1.64
(2,2195)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	11	1.64
(2,2195)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	11	1.64
(2,2195)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	11	1.64
(2,2195)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	11	1.64
(2,2195)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	11	1.64
(2,2195)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	11	1.64
(2,2195)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	11	1.64
(2,2195)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	11	1.64
(2,2195)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	11	1.64
(2,2195)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	11	1.64
(2,2195)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	11	1.64
(2,2195)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	11	1.64
(2,2195)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	11	1.64
(2,2195)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	11	1.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2195)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	11	1.64
(2,942)	1:39:A:VAL:HA	1:43:A:MET:HG2	9	1.64
(2,754)	1:37:A:LEU:H	1:40:A:LEU:HB3	15	1.64
(2,567)	1:63:A:ILE:HG21	1:116:A:GLN:H	17	1.64
(2,567)	1:63:A:ILE:HG22	1:116:A:GLN:H	17	1.64
(2,567)	1:63:A:ILE:HG23	1:116:A:GLN:H	17	1.64
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	13	1.64
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	13	1.64
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	13	1.64
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	13	1.64
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	13	1.64
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	13	1.64
(1,1382)	1:12:A:VAL:HG21	1:13:A:ALA:HA	7	1.64
(1,1382)	1:12:A:VAL:HG22	1:13:A:ALA:HA	7	1.64
(1,1382)	1:12:A:VAL:HG23	1:13:A:ALA:HA	7	1.64
(1,1382)	1:12:A:VAL:HG21	1:13:A:ALA:HA	8	1.64
(1,1382)	1:12:A:VAL:HG22	1:13:A:ALA:HA	8	1.64
(1,1382)	1:12:A:VAL:HG23	1:13:A:ALA:HA	8	1.64
(1,1382)	1:12:A:VAL:HG21	1:13:A:ALA:HA	15	1.64
(1,1382)	1:12:A:VAL:HG22	1:13:A:ALA:HA	15	1.64
(1,1382)	1:12:A:VAL:HG23	1:13:A:ALA:HA	15	1.64
(1,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	3	1.64
(1,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	3	1.64
(1,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	3	1.64
(1,881)	1:8:A:ASP:HB2	1:54:A:ARG:HE	10	1.64
(1,772)	1:37:A:LEU:H	1:40:A:LEU:HB3	15	1.64
(34,1318)	1:66:A:THR:HG21	1:96:A:VAL:H	4	1.63
(34,1318)	1:66:A:THR:HG22	1:96:A:VAL:H	4	1.63
(34,1318)	1:66:A:THR:HG23	1:96:A:VAL:H	4	1.63
(34,1041)	1:34:A:LYS:H	1:81:A:GLU:HB2	6	1.63
(33,2151)	1:43:A:MET:HE1	1:46:A:ASN:HB2	7	1.63
(33,2151)	1:43:A:MET:HE1	1:46:A:ASN:HB3	7	1.63
(33,2151)	1:43:A:MET:HE2	1:46:A:ASN:HB2	7	1.63
(33,2151)	1:43:A:MET:HE2	1:46:A:ASN:HB3	7	1.63
(33,2151)	1:43:A:MET:HE3	1:46:A:ASN:HB2	7	1.63
(33,2151)	1:43:A:MET:HE3	1:46:A:ASN:HB3	7	1.63
(33,1729)	1:19:A:ALA:H	1:132:A:ALA:HA	8	1.63
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB1	10	1.63
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB2	10	1.63
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB3	10	1.63
(33,1275)	1:15:A:ALA:HA	1:131:A:LEU:HB3	13	1.63
(32,2487)	1:144:A:LEU:HD11	1:146:A:GLN:HG2	10	1.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2487)	1:144:A:LEU:HD11	1:146:A:GLN:HG3	10	1.63
(32,2487)	1:144:A:LEU:HD12	1:146:A:GLN:HG2	10	1.63
(32,2487)	1:144:A:LEU:HD12	1:146:A:GLN:HG3	10	1.63
(32,2487)	1:144:A:LEU:HD13	1:146:A:GLN:HG2	10	1.63
(32,2487)	1:144:A:LEU:HD13	1:146:A:GLN:HG3	10	1.63
(32,2487)	1:144:A:LEU:HD21	1:146:A:GLN:HG2	10	1.63
(32,2487)	1:144:A:LEU:HD21	1:146:A:GLN:HG3	10	1.63
(32,2487)	1:144:A:LEU:HD22	1:146:A:GLN:HG2	10	1.63
(32,2487)	1:144:A:LEU:HD22	1:146:A:GLN:HG3	10	1.63
(32,2487)	1:144:A:LEU:HD23	1:146:A:GLN:HG2	10	1.63
(32,2487)	1:144:A:LEU:HD23	1:146:A:GLN:HG3	10	1.63
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	10	1.63
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	10	1.63
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	10	1.63
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	10	1.63
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	10	1.63
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	10	1.63
(30,1347)	1:141:A:LYS:HB2	1:149:A:ALA:HA	12	1.63
(30,1347)	1:141:A:LYS:HB3	1:149:A:ALA:HA	12	1.63
(30,980)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	3	1.63
(30,980)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	3	1.63
(30,961)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	6	1.63
(30,961)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	6	1.63
(30,686)	1:39:A:VAL:HB	1:144:A:LEU:H	10	1.63
(30,59)	1:34:A:LYS:H	1:81:A:GLU:H	11	1.63
(29,1279)	1:15:A:ALA:HA	1:131:A:LEU:HB3	13	1.63
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	18	1.63
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	18	1.63
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	18	1.63
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	18	1.63
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	18	1.63
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	18	1.63
(17,1394)	1:12:A:VAL:HG21	1:13:A:ALA:HA	19	1.63
(17,1394)	1:12:A:VAL:HG22	1:13:A:ALA:HA	19	1.63
(17,1394)	1:12:A:VAL:HG23	1:13:A:ALA:HA	19	1.63
(17,1298)	1:66:A:THR:HG21	1:96:A:VAL:H	4	1.63
(17,1298)	1:66:A:THR:HG22	1:96:A:VAL:H	4	1.63
(17,1298)	1:66:A:THR:HG23	1:96:A:VAL:H	4	1.63
(16,2491)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	9	1.63
(16,2491)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	9	1.63
(16,2491)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	9	1.63
(16,2491)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	9	1.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1899)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	13	1.63
(15,2035)	1:31:A:PRO:HD2	1:144:A:LEU:HB2	7	1.63
(15,2035)	1:31:A:PRO:HD2	1:144:A:LEU:HB3	7	1.63
(15,2035)	1:31:A:PRO:HD3	1:144:A:LEU:HB2	7	1.63
(15,2035)	1:31:A:PRO:HD3	1:144:A:LEU:HB3	7	1.63
(15,920)	1:125:A:THR:HB	1:128:A:LEU:HG	2	1.63
(15,63)	1:34:A:LYS:H	1:81:A:GLU:H	11	1.63
(13,2468)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	9	1.63
(13,2468)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	9	1.63
(13,2468)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	9	1.63
(13,2468)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	9	1.63
(13,997)	1:34:A:LYS:H	1:81:A:GLU:HB2	6	1.63
(13,857)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	2	1.63
(13,857)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	2	1.63
(11,1361)	1:105:A:LYS:HD2	1:106:A:ASP:HA	14	1.63
(11,1361)	1:105:A:LYS:HD3	1:106:A:ASP:HA	14	1.63
(11,64)	1:34:A:LYS:H	1:81:A:GLU:H	11	1.63
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	12	1.63
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	12	1.63
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	12	1.63
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	12	1.63
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	12	1.63
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	12	1.63
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	12	1.63
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	12	1.63
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	12	1.63
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	12	1.63
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	12	1.63
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	12	1.63
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	12	1.63
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	12	1.63
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	12	1.63
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	12	1.63
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	12	1.63
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	12	1.63
(9,2123)	1:43:A:MET:HB3	1:134:A:VAL:HG11	13	1.63
(9,2123)	1:43:A:MET:HB3	1:134:A:VAL:HG12	13	1.63
(9,2123)	1:43:A:MET:HB3	1:134:A:VAL:HG13	13	1.63
(9,2123)	1:43:A:MET:HB3	1:134:A:VAL:HG21	13	1.63
(9,2123)	1:43:A:MET:HB3	1:134:A:VAL:HG22	13	1.63
(9,2123)	1:43:A:MET:HB3	1:134:A:VAL:HG23	13	1.63
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD11	10	1.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD12	10	1.63
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD13	10	1.63
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD21	10	1.63
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD22	10	1.63
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD23	10	1.63
(9,1238)	1:39:A:VAL:H	1:139:A:LEU:HD21	17	1.63
(9,1238)	1:39:A:VAL:H	1:139:A:LEU:HD22	17	1.63
(9,1238)	1:39:A:VAL:H	1:139:A:LEU:HD23	17	1.63
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	8	1.63
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	8	1.63
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	8	1.63
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	8	1.63
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	8	1.63
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	8	1.63
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	10	1.63
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	10	1.63
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	10	1.63
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	10	1.63
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	10	1.63
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	10	1.63
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	10	1.63
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	10	1.63
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	10	1.63
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	10	1.63
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	10	1.63
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	10	1.63
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	10	1.63
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	10	1.63
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	10	1.63
(6,1279)	1:66:A:THR:HG21	1:96:A:VAL:H	4	1.63
(6,1279)	1:66:A:THR:HG22	1:96:A:VAL:H	4	1.63
(6,1279)	1:66:A:THR:HG23	1:96:A:VAL:H	4	1.63
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD11	19	1.63
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD12	19	1.63
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD13	19	1.63
(6,956)	1:11:A:ILE:HG13	1:14:A:VAL:HB	5	1.63
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD1	16	1.63
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD2	16	1.63
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD1	16	1.63
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD2	16	1.63
(5,1311)	1:66:A:THR:HG21	1:96:A:VAL:H	4	1.63
(5,1311)	1:66:A:THR:HG22	1:96:A:VAL:H	4	1.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1311)	1:66:A:THR:HG23	1:96:A:VAL:H	4	1.63
(5,994)	1:35:A:LEU:HG	1:143:A:TRP:HB3	13	1.63
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG2	14	1.63
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG3	14	1.63
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG2	14	1.63
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG3	14	1.63
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG2	14	1.63
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG3	14	1.63
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	8	1.63
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	8	1.63
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	8	1.63
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	8	1.63
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	8	1.63
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	8	1.63
(5,27)	1:13:A:ALA:H	1:14:A:VAL:HB	9	1.63
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE1	16	1.63
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE2	16	1.63
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE3	16	1.63
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE1	16	1.63
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE2	16	1.63
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE3	16	1.63
(3,2080)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	13	1.63
(3,2080)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	13	1.63
(3,2080)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	13	1.63
(3,2080)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	13	1.63
(3,2080)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	13	1.63
(3,2080)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	13	1.63
(3,1933)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	2	1.63
(3,1933)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	2	1.63
(3,1933)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	2	1.63
(3,1933)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	2	1.63
(3,1315)	1:66:A:THR:HG21	1:96:A:VAL:H	4	1.63
(3,1315)	1:66:A:THR:HG22	1:96:A:VAL:H	4	1.63
(3,1315)	1:66:A:THR:HG23	1:96:A:VAL:H	4	1.63
(3,1000)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	3	1.63
(3,1000)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	3	1.63
(2,1898)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	18	1.63
(2,1898)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	18	1.63
(2,1898)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	18	1.63
(2,1898)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	18	1.63
(2,1898)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	18	1.63
(2,1898)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	18	1.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1640)	1:10:A:ASN:HB3	1:61:A:SER:HA	10	1.63
(2,1008)	1:34:A:LYS:H	1:81:A:GLU:HB2	6	1.63
(2,684)	1:39:A:VAL:HB	1:144:A:LEU:H	10	1.63
(1,2253)	1:79:A:THR:HG21	1:81:A:GLU:HB2	18	1.63
(1,2253)	1:79:A:THR:HG21	1:81:A:GLU:HB3	18	1.63
(1,2253)	1:79:A:THR:HG22	1:81:A:GLU:HB2	18	1.63
(1,2253)	1:79:A:THR:HG22	1:81:A:GLU:HB3	18	1.63
(1,2253)	1:79:A:THR:HG23	1:81:A:GLU:HB2	18	1.63
(1,2253)	1:79:A:THR:HG23	1:81:A:GLU:HB3	18	1.63
(1,1382)	1:12:A:VAL:HG21	1:13:A:ALA:HA	1	1.63
(1,1382)	1:12:A:VAL:HG22	1:13:A:ALA:HA	1	1.63
(1,1382)	1:12:A:VAL:HG23	1:13:A:ALA:HA	1	1.63
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	10	1.63
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	10	1.63
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	10	1.63
(1,1295)	1:66:A:THR:HG21	1:96:A:VAL:H	4	1.63
(1,1295)	1:66:A:THR:HG22	1:96:A:VAL:H	4	1.63
(1,1295)	1:66:A:THR:HG23	1:96:A:VAL:H	4	1.63
(1,1076)	1:66:A:THR:HG21	1:95:A:ILE:HA	8	1.63
(1,1076)	1:66:A:THR:HG22	1:95:A:ILE:HA	8	1.63
(1,1076)	1:66:A:THR:HG23	1:95:A:ILE:HA	8	1.63
(1,905)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	17	1.63
(1,905)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	17	1.63
(1,905)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	17	1.63
(1,833)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	17	1.63
(1,833)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	17	1.63
(1,833)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	17	1.63
(1,30)	1:13:A:ALA:H	1:14:A:VAL:HB	9	1.63
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD11	4	1.62
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD12	4	1.62
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD13	4	1.62
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD21	4	1.62
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD22	4	1.62
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD23	4	1.62
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	11	1.62
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	11	1.62
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	11	1.62
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG21	10	1.62
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG22	10	1.62
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG23	10	1.62
(33,1967)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	14	1.62
(33,1967)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	14	1.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1967)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	14	1.62
(33,1967)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	14	1.62
(33,1967)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	14	1.62
(33,1967)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	14	1.62
(33,1967)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	14	1.62
(33,1967)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	14	1.62
(33,1967)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	14	1.62
(33,1967)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	14	1.62
(33,1967)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	14	1.62
(33,1967)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	14	1.62
(33,1618)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	10	1.62
(33,1385)	1:94:A:ALA:HA	1:95:A:ILE:HD11	2	1.62
(33,1385)	1:94:A:ALA:HA	1:95:A:ILE:HD12	2	1.62
(33,1385)	1:94:A:ALA:HA	1:95:A:ILE:HD13	2	1.62
(32,2485)	1:144:A:LEU:HB3	1:146:A:GLN:HG2	1	1.62
(32,2485)	1:144:A:LEU:HB3	1:146:A:GLN:HG3	1	1.62
(32,2143)	1:44:A:GLU:HG2	1:45:A:ALA:HA	10	1.62
(32,2143)	1:44:A:GLU:HG3	1:45:A:ALA:HA	10	1.62
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	14	1.62
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	14	1.62
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	14	1.62
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	14	1.62
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	14	1.62
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	14	1.62
(32,1709)	1:31:A:PRO:HD3	1:36:A:PRO:HD3	7	1.62
(32,1709)	1:31:A:PRO:HD2	1:36:A:PRO:HD3	7	1.62
(32,1706)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	9	1.62
(32,1706)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	9	1.62
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG21	2	1.62
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG22	2	1.62
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG23	2	1.62
(32,1522)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	1	1.62
(32,1522)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	1	1.62
(32,1522)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	1	1.62
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD11	7	1.62
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD12	7	1.62
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD13	7	1.62
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD21	7	1.62
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD22	7	1.62
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD23	7	1.62
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE1	15	1.62
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE2	15	1.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE1	15	1.62
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE2	15	1.62
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE1	15	1.62
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE2	15	1.62
(30,1385)	1:94:A:ALA:HA	1:95:A:ILE:HD11	2	1.62
(30,1385)	1:94:A:ALA:HA	1:95:A:ILE:HD12	2	1.62
(30,1385)	1:94:A:ALA:HA	1:95:A:ILE:HD13	2	1.62
(30,961)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	10	1.62
(30,961)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	10	1.62
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG11	2	1.62
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG12	2	1.62
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG13	2	1.62
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD11	7	1.62
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD12	7	1.62
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD13	7	1.62
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD21	7	1.62
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD22	7	1.62
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD23	7	1.62
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	14	1.62
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	14	1.62
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	14	1.62
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	14	1.62
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	14	1.62
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	14	1.62
(29,1395)	1:94:A:ALA:HA	1:95:A:ILE:HD11	2	1.62
(29,1395)	1:94:A:ALA:HA	1:95:A:ILE:HD12	2	1.62
(29,1395)	1:94:A:ALA:HA	1:95:A:ILE:HD13	2	1.62
(19,9)	1:127:A:CYS:SG	1:123:A:CYS:CB	9	1.62
(18,2152)	1:44:A:GLU:HG2	1:45:A:ALA:HA	10	1.62
(18,2152)	1:44:A:GLU:HG3	1:45:A:ALA:HA	10	1.62
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD11	4	1.62
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD12	4	1.62
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD13	4	1.62
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD21	4	1.62
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD22	4	1.62
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD23	4	1.62
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	17	1.62
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	17	1.62
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	17	1.62
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	17	1.62
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	17	1.62
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	17	1.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1696)	1:67:A:PRO:HD2	1:95:A:ILE:HA	4	1.62
(18,1381)	1:94:A:ALA:HA	1:95:A:ILE:HD11	2	1.62
(18,1381)	1:94:A:ALA:HA	1:95:A:ILE:HD12	2	1.62
(18,1381)	1:94:A:ALA:HA	1:95:A:ILE:HD13	2	1.62
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	12	1.62
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	12	1.62
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	12	1.62
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	12	1.62
(18,322)	1:11:A:ILE:HD11	1:43:A:MET:H	14	1.62
(18,322)	1:11:A:ILE:HD12	1:43:A:MET:H	14	1.62
(18,322)	1:11:A:ILE:HD13	1:43:A:MET:H	14	1.62
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	14	1.62
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	14	1.62
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	14	1.62
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	14	1.62
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	14	1.62
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	14	1.62
(17,1405)	1:94:A:ALA:HA	1:95:A:ILE:HD11	2	1.62
(17,1405)	1:94:A:ALA:HA	1:95:A:ILE:HD12	2	1.62
(17,1405)	1:94:A:ALA:HA	1:95:A:ILE:HD13	2	1.62
(17,1394)	1:12:A:VAL:HG21	1:13:A:ALA:HA	7	1.62
(17,1394)	1:12:A:VAL:HG22	1:13:A:ALA:HA	7	1.62
(17,1394)	1:12:A:VAL:HG23	1:13:A:ALA:HA	7	1.62
(17,1394)	1:12:A:VAL:HG21	1:13:A:ALA:HA	8	1.62
(17,1394)	1:12:A:VAL:HG22	1:13:A:ALA:HA	8	1.62
(17,1394)	1:12:A:VAL:HG23	1:13:A:ALA:HA	8	1.62
(17,1394)	1:12:A:VAL:HG21	1:13:A:ALA:HA	15	1.62
(17,1394)	1:12:A:VAL:HG22	1:13:A:ALA:HA	15	1.62
(17,1394)	1:12:A:VAL:HG23	1:13:A:ALA:HA	15	1.62
(17,845)	1:48:A:ARG:HD2	1:49:A:LYS:HA	12	1.62
(17,845)	1:48:A:ARG:HD3	1:49:A:LYS:HA	12	1.62
(17,756)	1:43:A:MET:HE1	1:147:A:ARG:HE	1	1.62
(17,756)	1:43:A:MET:HE2	1:147:A:ARG:HE	1	1.62
(17,756)	1:43:A:MET:HE3	1:147:A:ARG:HE	1	1.62
(17,369)	1:41:A:LYS:H	1:44:A:GLU:HG2	11	1.62
(16,2143)	1:41:A:LYS:H	1:44:A:GLU:HG2	4	1.62
(16,2143)	1:41:A:LYS:H	1:44:A:GLU:HG3	4	1.62
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD11	4	1.62
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD12	4	1.62
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD13	4	1.62
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD21	4	1.62
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD22	4	1.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD23	4	1.62
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD11	9	1.62
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD12	9	1.62
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD13	9	1.62
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD21	9	1.62
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD22	9	1.62
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD23	9	1.62
(16,1853)	1:76:A:ARG:HB3	1:113:A:PHE:HE1	1	1.62
(16,1853)	1:76:A:ARG:HB3	1:113:A:PHE:HE2	1	1.62
(16,1615)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	10	1.62
(16,1389)	1:94:A:ALA:HA	1:95:A:ILE:HD11	2	1.62
(16,1389)	1:94:A:ALA:HA	1:95:A:ILE:HD12	2	1.62
(16,1389)	1:94:A:ALA:HA	1:95:A:ILE:HD13	2	1.62
(16,978)	1:11:A:ILE:HG12	1:43:A:MET:HB2	16	1.62
(16,520)	1:70:A:LYS:HG3	1:71:A:LYS:H	6	1.62
(15,2496)	1:144:A:LEU:HD11	1:148:A:CYS:H	9	1.62
(15,2496)	1:144:A:LEU:HD12	1:148:A:CYS:H	9	1.62
(15,2496)	1:144:A:LEU:HD13	1:148:A:CYS:H	9	1.62
(15,2496)	1:144:A:LEU:HD21	1:148:A:CYS:H	9	1.62
(15,2496)	1:144:A:LEU:HD22	1:148:A:CYS:H	9	1.62
(15,2496)	1:144:A:LEU:HD23	1:148:A:CYS:H	9	1.62
(15,2106)	1:41:A:LYS:H	1:44:A:GLU:HG2	4	1.62
(15,2106)	1:41:A:LYS:H	1:44:A:GLU:HG3	4	1.62
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	19	1.62
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	19	1.62
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	19	1.62
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	19	1.62
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	19	1.62
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	19	1.62
(15,1575)	1:98:A:ILE:HD11	1:115:A:ALA:H	5	1.62
(15,1575)	1:98:A:ILE:HD12	1:115:A:ALA:H	5	1.62
(15,1575)	1:98:A:ILE:HD13	1:115:A:ALA:H	5	1.62
(15,1575)	1:98:A:ILE:HD11	1:115:A:ALA:H	14	1.62
(15,1575)	1:98:A:ILE:HD12	1:115:A:ALA:H	14	1.62
(15,1575)	1:98:A:ILE:HD13	1:115:A:ALA:H	14	1.62
(15,1382)	1:94:A:ALA:HA	1:95:A:ILE:HD11	2	1.62
(15,1382)	1:94:A:ALA:HA	1:95:A:ILE:HD12	2	1.62
(15,1382)	1:94:A:ALA:HA	1:95:A:ILE:HD13	2	1.62
(15,990)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	19	1.62
(15,990)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	19	1.62
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG11	6	1.62
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG12	6	1.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG13	6	1.62
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG21	6	1.62
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG22	6	1.62
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG23	6	1.62
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	14	1.62
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	14	1.62
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	14	1.62
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	14	1.62
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	14	1.62
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	14	1.62
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	14	1.62
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	14	1.62
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	14	1.62
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	14	1.62
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	14	1.62
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	14	1.62
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD11	4	1.62
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD12	4	1.62
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD13	4	1.62
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD21	4	1.62
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD22	4	1.62
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD23	4	1.62
(13,1708)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	6	1.62
(13,1708)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	6	1.62
(13,1708)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	6	1.62
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	6	1.62
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	6	1.62
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	6	1.62
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	6	1.62
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	6	1.62
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	6	1.62
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	6	1.62
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	6	1.62
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	6	1.62
(13,1362)	1:94:A:ALA:HA	1:95:A:ILE:HD11	2	1.62
(13,1362)	1:94:A:ALA:HA	1:95:A:ILE:HD12	2	1.62
(13,1362)	1:94:A:ALA:HA	1:95:A:ILE:HD13	2	1.62
(13,873)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	3	1.62
(13,873)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	3	1.62
(13,873)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	3	1.62
(11,1406)	1:94:A:ALA:HA	1:95:A:ILE:HD11	2	1.62
(11,1406)	1:94:A:ALA:HA	1:95:A:ILE:HD12	2	1.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1406)	1:94:A:ALA:HA	1:95:A:ILE:HD13	2	1.62
(11,974)	1:11:A:ILE:HG12	1:14:A:VAL:HB	4	1.62
(9,2428)	1:144:A:LEU:HB2	1:148:A:CYS:H	7	1.62
(9,2428)	1:144:A:LEU:HB3	1:148:A:CYS:H	7	1.62
(9,1380)	1:94:A:ALA:HA	1:95:A:ILE:HD11	2	1.62
(9,1380)	1:94:A:ALA:HA	1:95:A:ILE:HD12	2	1.62
(9,1380)	1:94:A:ALA:HA	1:95:A:ILE:HD13	2	1.62
(9,962)	1:11:A:ILE:HG12	1:43:A:MET:HB2	16	1.62
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG11	17	1.62
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG12	17	1.62
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG13	17	1.62
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG21	17	1.62
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG22	17	1.62
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG23	17	1.62
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	10	1.62
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	10	1.62
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	10	1.62
(7,1369)	1:94:A:ALA:HA	1:95:A:ILE:HD11	2	1.62
(7,1369)	1:94:A:ALA:HA	1:95:A:ILE:HD12	2	1.62
(7,1369)	1:94:A:ALA:HA	1:95:A:ILE:HD13	2	1.62
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG21	13	1.62
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG22	13	1.62
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG23	13	1.62
(7,970)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	19	1.62
(7,970)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	19	1.62
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD11	10	1.62
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD12	10	1.62
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD13	10	1.62
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD21	10	1.62
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD22	10	1.62
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD23	10	1.62
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	7	1.62
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	7	1.62
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	7	1.62
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	7	1.62
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	7	1.62
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	7	1.62
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	7	1.62
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	7	1.62
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	7	1.62
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	7	1.62
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	7	1.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	7	1.62
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	7	1.62
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	7	1.62
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	7	1.62
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	7	1.62
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	7	1.62
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	7	1.62
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	19	1.62
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	19	1.62
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	19	1.62
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	19	1.62
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	19	1.62
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	19	1.62
(6,1382)	1:94:A:ALA:HA	1:95:A:ILE:HD11	2	1.62
(6,1382)	1:94:A:ALA:HA	1:95:A:ILE:HD12	2	1.62
(6,1382)	1:94:A:ALA:HA	1:95:A:ILE:HD13	2	1.62
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD1	1	1.62
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD2	1	1.62
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD1	1	1.62
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD2	1	1.62
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD1	2	1.62
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD2	2	1.62
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD1	2	1.62
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD2	2	1.62
(5,1406)	1:94:A:ALA:HA	1:95:A:ILE:HD11	2	1.62
(5,1406)	1:94:A:ALA:HA	1:95:A:ILE:HD12	2	1.62
(5,1406)	1:94:A:ALA:HA	1:95:A:ILE:HD13	2	1.62
(5,1398)	1:12:A:VAL:HG21	1:13:A:ALA:HA	12	1.62
(5,1398)	1:12:A:VAL:HG22	1:13:A:ALA:HA	12	1.62
(5,1398)	1:12:A:VAL:HG23	1:13:A:ALA:HA	12	1.62
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	12	1.62
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	12	1.62
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	12	1.62
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	12	1.62
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG21	9	1.62
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG22	9	1.62
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG23	9	1.62
(5,916)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	5	1.62
(5,887)	1:11:A:ILE:HB	1:44:A:GLU:HG3	1	1.62
(5,27)	1:13:A:ALA:H	1:14:A:VAL:HB	3	1.62
(5,27)	1:13:A:ALA:H	1:14:A:VAL:HB	19	1.62
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD11	4	1.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD12	4	1.62
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD13	4	1.62
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD21	4	1.62
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD22	4	1.62
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD23	4	1.62
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	19	1.62
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	19	1.62
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	19	1.62
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	19	1.62
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	19	1.62
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	19	1.62
(4,1367)	1:94:A:ALA:HA	1:95:A:ILE:HD11	2	1.62
(4,1367)	1:94:A:ALA:HA	1:95:A:ILE:HD12	2	1.62
(4,1367)	1:94:A:ALA:HA	1:95:A:ILE:HD13	2	1.62
(4,975)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	19	1.62
(4,975)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	19	1.62
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	14	1.62
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	14	1.62
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	14	1.62
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	14	1.62
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	14	1.62
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	14	1.62
(3,1905)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	7	1.62
(3,1905)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	7	1.62
(3,1905)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	7	1.62
(3,1905)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	7	1.62
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD21	2	1.62
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD22	2	1.62
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD23	2	1.62
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD21	2	1.62
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD22	2	1.62
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD23	2	1.62
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD21	2	1.62
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD22	2	1.62
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD23	2	1.62
(3,1106)	1:136:A:CYS:HB2	1:141:A:LYS:HA	2	1.62
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	10	1.62
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	10	1.62
(3,662)	1:100:A:ALA:H	1:119:A:LEU:HG	6	1.62
(2,1662)	1:47:A:ALA:H	1:134:A:VAL:HG11	15	1.62
(2,1662)	1:47:A:ALA:H	1:134:A:VAL:HG12	15	1.62
(2,1662)	1:47:A:ALA:H	1:134:A:VAL:HG13	15	1.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG21	2	1.62
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG22	2	1.62
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG23	2	1.62
(2,1390)	1:94:A:ALA:HA	1:95:A:ILE:HD11	2	1.62
(2,1390)	1:94:A:ALA:HA	1:95:A:ILE:HD12	2	1.62
(2,1390)	1:94:A:ALA:HA	1:95:A:ILE:HD13	2	1.62
(2,709)	1:48:A:ARG:HE	1:49:A:LYS:HA	14	1.62
(1,2268)	1:96:A:VAL:HG11	1:116:A:GLN:HG2	3	1.62
(1,2268)	1:96:A:VAL:HG12	1:116:A:GLN:HG2	3	1.62
(1,2268)	1:96:A:VAL:HG13	1:116:A:GLN:HG2	3	1.62
(1,2268)	1:96:A:VAL:HG21	1:116:A:GLN:HG2	3	1.62
(1,2268)	1:96:A:VAL:HG22	1:116:A:GLN:HG2	3	1.62
(1,2268)	1:96:A:VAL:HG23	1:116:A:GLN:HG2	3	1.62
(1,1595)	1:98:A:ILE:HD11	1:115:A:ALA:H	5	1.62
(1,1595)	1:98:A:ILE:HD12	1:115:A:ALA:H	5	1.62
(1,1595)	1:98:A:ILE:HD13	1:115:A:ALA:H	5	1.62
(1,1595)	1:98:A:ILE:HD11	1:115:A:ALA:H	14	1.62
(1,1595)	1:98:A:ILE:HD12	1:115:A:ALA:H	14	1.62
(1,1595)	1:98:A:ILE:HD13	1:115:A:ALA:H	14	1.62
(1,1390)	1:94:A:ALA:HA	1:95:A:ILE:HD11	2	1.62
(1,1390)	1:94:A:ALA:HA	1:95:A:ILE:HD12	2	1.62
(1,1390)	1:94:A:ALA:HA	1:95:A:ILE:HD13	2	1.62
(1,1098)	1:136:A:CYS:HB2	1:141:A:LYS:HA	2	1.62
(1,30)	1:13:A:ALA:H	1:14:A:VAL:HB	3	1.62
(1,30)	1:13:A:ALA:H	1:14:A:VAL:HB	19	1.62
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	5	1.61
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	5	1.61
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	5	1.61
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	5	1.61
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	5	1.61
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	5	1.61
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	5	1.61
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	5	1.61
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	5	1.61
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	5	1.61
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	5	1.61
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	5	1.61
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	5	1.61
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	5	1.61
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	5	1.61
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	5	1.61
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	5	1.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	5	1.61
(34,1752)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	6	1.61
(34,1752)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	6	1.61
(34,1752)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	6	1.61
(34,1722)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	7	1.61
(34,1722)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	7	1.61
(34,1722)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	7	1.61
(34,1722)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	12	1.61
(34,1722)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	12	1.61
(34,1722)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	12	1.61
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE1	11	1.61
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE2	11	1.61
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE3	11	1.61
(34,936)	1:44:A:GLU:HG3	1:45:A:ALA:HA	10	1.61
(34,802)	1:11:A:ILE:HD11	1:14:A:VAL:HB	8	1.61
(34,802)	1:11:A:ILE:HD12	1:14:A:VAL:HB	8	1.61
(34,802)	1:11:A:ILE:HD13	1:14:A:VAL:HB	8	1.61
(34,794)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	11	1.61
(34,794)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	11	1.61
(34,794)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	11	1.61
(34,794)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	11	1.61
(34,794)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	11	1.61
(34,794)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	11	1.61
(34,630)	1:35:A:LEU:H	1:80:A:TYR:HB2	9	1.61
(34,156)	1:67:A:PRO:HD3	1:95:A:ILE:H	13	1.61
(33,1893)	1:18:A:PHE:HE1	1:117:A:VAL:HA	12	1.61
(33,1893)	1:18:A:PHE:HE2	1:117:A:VAL:HA	12	1.61
(33,1692)	1:43:A:MET:HE1	1:137:A:SER:H	12	1.61
(33,1692)	1:43:A:MET:HE2	1:137:A:SER:H	12	1.61
(33,1692)	1:43:A:MET:HE3	1:137:A:SER:H	12	1.61
(33,924)	1:44:A:GLU:HG3	1:45:A:ALA:HA	10	1.61
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG2	16	1.61
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG3	16	1.61
(32,767)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	11	1.61
(32,767)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	11	1.61
(32,767)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	11	1.61
(32,767)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	11	1.61
(32,767)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	11	1.61
(32,767)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	11	1.61
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD21	1	1.61
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD22	1	1.61
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD23	1	1.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD21	1	1.61
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD22	1	1.61
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD23	1	1.61
(30,909)	1:44:A:GLU:HG3	1:45:A:ALA:HA	10	1.61
(30,70)	1:63:A:ILE:HG21	1:117:A:VAL:H	17	1.61
(30,70)	1:63:A:ILE:HG22	1:117:A:VAL:H	17	1.61
(30,70)	1:63:A:ILE:HG23	1:117:A:VAL:H	17	1.61
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE1	11	1.61
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE2	11	1.61
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE3	11	1.61
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG11	6	1.61
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG12	6	1.61
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG13	6	1.61
(29,924)	1:44:A:GLU:HG3	1:45:A:ALA:HA	10	1.61
(19,16)	1:52:A:CYS:SG	1:56:A:CYS:CB	14	1.61
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG11	7	1.61
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG12	7	1.61
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG13	7	1.61
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG21	7	1.61
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG22	7	1.61
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG23	7	1.61
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	3	1.61
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	3	1.61
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	3	1.61
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	3	1.61
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	3	1.61
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	3	1.61
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	12	1.61
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	12	1.61
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	12	1.61
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	12	1.61
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	7	1.61
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	7	1.61
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	7	1.61
(18,849)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	14	1.61
(18,801)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	11	1.61
(18,801)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	11	1.61
(18,801)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	11	1.61
(18,801)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	11	1.61
(18,801)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	11	1.61
(18,801)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	11	1.61
(18,514)	1:101:A:ILE:HG13	1:105:A:LYS:H	15	1.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	3	1.61
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	3	1.61
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	3	1.61
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	9	1.61
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	9	1.61
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	9	1.61
(17,1394)	1:12:A:VAL:HG21	1:13:A:ALA:HA	1	1.61
(17,1394)	1:12:A:VAL:HG22	1:13:A:ALA:HA	1	1.61
(17,1394)	1:12:A:VAL:HG23	1:13:A:ALA:HA	1	1.61
(17,1234)	1:34:A:LYS:H	1:81:A:GLU:HA	10	1.61
(17,921)	1:44:A:GLU:HG3	1:45:A:ALA:HA	10	1.61
(17,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	9	1.61
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	3	1.61
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	3	1.61
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	3	1.61
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	3	1.61
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	3	1.61
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	3	1.61
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	3	1.61
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	3	1.61
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	3	1.61
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	9	1.61
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	9	1.61
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	9	1.61
(16,1716)	1:21:A:THR:HG21	1:147:A:ARG:HE	18	1.61
(16,1716)	1:21:A:THR:HG22	1:147:A:ARG:HE	18	1.61
(16,1716)	1:21:A:THR:HG23	1:147:A:ARG:HE	18	1.61
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD21	9	1.61
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD22	9	1.61
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD23	9	1.61
(16,978)	1:11:A:ILE:HG12	1:43:A:MET:HB2	6	1.61
(16,720)	1:44:A:GLU:HB2	1:48:A:ARG:HE	15	1.61
(16,720)	1:44:A:GLU:HB3	1:48:A:ARG:HE	15	1.61
(15,2035)	1:31:A:PRO:HD2	1:144:A:LEU:HB2	4	1.61
(15,2035)	1:31:A:PRO:HD2	1:144:A:LEU:HB3	4	1.61
(15,2035)	1:31:A:PRO:HD3	1:144:A:LEU:HB2	4	1.61
(15,2035)	1:31:A:PRO:HD3	1:144:A:LEU:HB3	4	1.61
(15,1950)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	6	1.61
(15,1950)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	6	1.61
(15,1950)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	6	1.61
(15,1950)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	6	1.61
(15,1950)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	6	1.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1950)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	6	1.61
(15,992)	1:12:A:VAL:HB	1:40:A:LEU:H	3	1.61
(15,844)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	14	1.61
(15,801)	1:11:A:ILE:HD11	1:14:A:VAL:HB	8	1.61
(15,801)	1:11:A:ILE:HD12	1:14:A:VAL:HB	8	1.61
(15,801)	1:11:A:ILE:HD13	1:14:A:VAL:HB	8	1.61
(15,714)	1:44:A:GLU:HB2	1:48:A:ARG:HE	15	1.61
(15,714)	1:44:A:GLU:HB3	1:48:A:ARG:HE	15	1.61
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	3	1.61
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	3	1.61
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	3	1.61
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	3	1.61
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	3	1.61
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	3	1.61
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	3	1.61
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	3	1.61
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	3	1.61
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	3	1.61
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	3	1.61
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	3	1.61
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	3	1.61
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	3	1.61
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	3	1.61
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	3	1.61
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	3	1.61
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	3	1.61
(13,1597)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	17	1.61
(13,1597)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	17	1.61
(13,1597)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	17	1.61
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	17	1.61
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	17	1.61
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	17	1.61
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	17	1.61
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	17	1.61
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	17	1.61
(11,1915)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	16	1.61
(11,1915)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	16	1.61
(11,1915)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	16	1.61
(11,1915)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	16	1.61
(11,1915)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	16	1.61
(11,1915)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	16	1.61
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD21	5	1.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD22	5	1.61
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD23	5	1.61
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD21	5	1.61
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD22	5	1.61
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD23	5	1.61
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD21	5	1.61
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD22	5	1.61
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD23	5	1.61
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB2	19	1.61
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB3	19	1.61
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB2	19	1.61
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB3	19	1.61
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB2	19	1.61
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB3	19	1.61
(11,1001)	1:35:A:LEU:HG	1:143:A:TRP:HB3	13	1.61
(11,927)	1:108:A:GLU:HG3	1:112:A:GLN:H	11	1.61
(11,920)	1:44:A:GLU:HG3	1:45:A:ALA:HA	10	1.61
(11,795)	1:11:A:ILE:HD11	1:14:A:VAL:HB	8	1.61
(11,795)	1:11:A:ILE:HD12	1:14:A:VAL:HB	8	1.61
(11,795)	1:11:A:ILE:HD13	1:14:A:VAL:HB	8	1.61
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	15	1.61
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	15	1.61
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	15	1.61
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	15	1.61
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	15	1.61
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	15	1.61
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	15	1.61
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	15	1.61
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	15	1.61
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	15	1.61
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	15	1.61
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	15	1.61
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	15	1.61
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	15	1.61
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	15	1.61
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	15	1.61
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	15	1.61
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	15	1.61
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	3	1.61
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	3	1.61
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	3	1.61
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	9	1.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	9	1.61
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	9	1.61
(9,1704)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	7	1.61
(9,1704)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	7	1.61
(9,1704)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	7	1.61
(9,1704)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	12	1.61
(9,1704)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	12	1.61
(9,1704)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	12	1.61
(9,962)	1:11:A:ILE:HG12	1:43:A:MET:HB2	6	1.61
(9,913)	1:44:A:GLU:HG3	1:45:A:ALA:HA	10	1.61
(9,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	9	1.61
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG21	16	1.61
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG22	16	1.61
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG23	16	1.61
(7,1209)	1:79:A:THR:HG21	1:81:A:GLU:HA	17	1.61
(7,1209)	1:79:A:THR:HG22	1:81:A:GLU:HA	17	1.61
(7,1209)	1:79:A:THR:HG23	1:81:A:GLU:HA	17	1.61
(7,905)	1:44:A:GLU:HG3	1:45:A:ALA:HA	10	1.61
(7,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	9	1.61
(6,2431)	1:134:A:VAL:HG11	1:137:A:SER:H	7	1.61
(6,2431)	1:134:A:VAL:HG12	1:137:A:SER:H	7	1.61
(6,2431)	1:134:A:VAL:HG13	1:137:A:SER:H	7	1.61
(6,2431)	1:134:A:VAL:HG21	1:137:A:SER:H	7	1.61
(6,2431)	1:134:A:VAL:HG22	1:137:A:SER:H	7	1.61
(6,2431)	1:134:A:VAL:HG23	1:137:A:SER:H	7	1.61
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG11	2	1.61
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG12	2	1.61
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG13	2	1.61
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG21	2	1.61
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG22	2	1.61
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG23	2	1.61
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG11	2	1.61
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG12	2	1.61
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG13	2	1.61
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG21	2	1.61
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG22	2	1.61
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG23	2	1.61
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG11	2	1.61
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG12	2	1.61
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG13	2	1.61
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG21	2	1.61
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG22	2	1.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG23	2	1.61
(6,1911)	1:18:A:PHE:HA	1:113:A:PHE:HE1	19	1.61
(6,1911)	1:18:A:PHE:HA	1:113:A:PHE:HE2	19	1.61
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	3	1.61
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	3	1.61
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	3	1.61
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	9	1.61
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	9	1.61
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	9	1.61
(6,1713)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	7	1.61
(6,1713)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	7	1.61
(6,1713)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	7	1.61
(6,1713)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	12	1.61
(6,1713)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	12	1.61
(6,1713)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	12	1.61
(6,1698)	1:43:A:MET:HE1	1:137:A:SER:H	12	1.61
(6,1698)	1:43:A:MET:HE2	1:137:A:SER:H	12	1.61
(6,1698)	1:43:A:MET:HE3	1:137:A:SER:H	12	1.61
(6,907)	1:44:A:GLU:HG3	1:45:A:ALA:HA	10	1.61
(5,2479)	1:146:A:GLN:HG2	1:148:A:CYS:H	15	1.61
(5,2479)	1:146:A:GLN:HG3	1:148:A:CYS:H	15	1.61
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD1	4	1.61
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD2	4	1.61
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD1	4	1.61
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD2	4	1.61
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD1	12	1.61
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD2	12	1.61
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD1	12	1.61
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD2	12	1.61
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD1	18	1.61
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD2	18	1.61
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD1	18	1.61
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD2	18	1.61
(5,1893)	1:9:A:PHE:HE1	1:14:A:VAL:HB	4	1.61
(5,1893)	1:9:A:PHE:HE2	1:14:A:VAL:HB	4	1.61
(5,1398)	1:12:A:VAL:HG21	1:13:A:ALA:HA	2	1.61
(5,1398)	1:12:A:VAL:HG22	1:13:A:ALA:HA	2	1.61
(5,1398)	1:12:A:VAL:HG23	1:13:A:ALA:HA	2	1.61
(5,1398)	1:12:A:VAL:HG21	1:13:A:ALA:HA	3	1.61
(5,1398)	1:12:A:VAL:HG22	1:13:A:ALA:HA	3	1.61
(5,1398)	1:12:A:VAL:HG23	1:13:A:ALA:HA	3	1.61
(5,1398)	1:12:A:VAL:HG21	1:13:A:ALA:HA	14	1.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1398)	1:12:A:VAL:HG22	1:13:A:ALA:HA	14	1.61
(5,1398)	1:12:A:VAL:HG23	1:13:A:ALA:HA	14	1.61
(5,1319)	1:66:A:THR:HG21	1:95:A:ILE:HA	11	1.61
(5,1319)	1:66:A:THR:HG22	1:95:A:ILE:HA	11	1.61
(5,1319)	1:66:A:THR:HG23	1:95:A:ILE:HA	11	1.61
(5,1023)	1:27:A:ARG:HB3	1:29:A:LYS:HG2	19	1.61
(5,1023)	1:27:A:ARG:HB3	1:29:A:LYS:HG3	19	1.61
(5,914)	1:43:A:MET:HA	1:44:A:GLU:HG2	11	1.61
(4,2429)	1:134:A:VAL:HG11	1:137:A:SER:HB2	7	1.61
(4,2429)	1:134:A:VAL:HG11	1:137:A:SER:HB3	7	1.61
(4,2429)	1:134:A:VAL:HG12	1:137:A:SER:HB2	7	1.61
(4,2429)	1:134:A:VAL:HG12	1:137:A:SER:HB3	7	1.61
(4,2429)	1:134:A:VAL:HG13	1:137:A:SER:HB2	7	1.61
(4,2429)	1:134:A:VAL:HG13	1:137:A:SER:HB3	7	1.61
(4,2429)	1:134:A:VAL:HG21	1:137:A:SER:HB2	7	1.61
(4,2429)	1:134:A:VAL:HG21	1:137:A:SER:HB3	7	1.61
(4,2429)	1:134:A:VAL:HG22	1:137:A:SER:HB2	7	1.61
(4,2429)	1:134:A:VAL:HG22	1:137:A:SER:HB3	7	1.61
(4,2429)	1:134:A:VAL:HG23	1:137:A:SER:HB2	7	1.61
(4,2429)	1:134:A:VAL:HG23	1:137:A:SER:HB3	7	1.61
(4,1868)	1:18:A:PHE:HE1	1:117:A:VAL:HA	17	1.61
(4,1868)	1:18:A:PHE:HE2	1:117:A:VAL:HA	17	1.61
(4,1689)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	7	1.61
(4,1689)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	7	1.61
(4,1689)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	7	1.61
(4,1689)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	12	1.61
(4,1689)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	12	1.61
(4,1689)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	12	1.61
(4,1545)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	13	1.61
(4,1545)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	13	1.61
(4,1545)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	13	1.61
(4,918)	1:125:A:THR:HB	1:128:A:LEU:HG	3	1.61
(4,909)	1:44:A:GLU:HG3	1:45:A:ALA:HA	10	1.61
(4,213)	1:44:A:GLU:HG2	1:48:A:ARG:H	18	1.61
(3,2170)	1:43:A:MET:HG2	1:144:A:LEU:HD21	1	1.61
(3,2170)	1:43:A:MET:HG2	1:144:A:LEU:HD22	1	1.61
(3,2170)	1:43:A:MET:HG2	1:144:A:LEU:HD23	1	1.61
(3,2170)	1:43:A:MET:HG3	1:144:A:LEU:HD21	1	1.61
(3,2170)	1:43:A:MET:HG3	1:144:A:LEU:HD22	1	1.61
(3,2170)	1:43:A:MET:HG3	1:144:A:LEU:HD23	1	1.61
(3,1743)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	7	1.61
(3,1743)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	7	1.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1743)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	7	1.61
(3,1743)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	12	1.61
(3,1743)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	12	1.61
(3,1743)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	12	1.61
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD21	1	1.61
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD22	1	1.61
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD23	1	1.61
(3,934)	1:44:A:GLU:HG3	1:45:A:ALA:HA	10	1.61
(3,807)	1:11:A:ILE:HD11	1:43:A:MET:HG3	17	1.61
(3,807)	1:11:A:ILE:HD12	1:43:A:MET:HG3	17	1.61
(3,807)	1:11:A:ILE:HD13	1:43:A:MET:HG3	17	1.61
(2,791)	1:11:A:ILE:HD11	1:14:A:VAL:HB	8	1.61
(2,791)	1:11:A:ILE:HD12	1:14:A:VAL:HB	8	1.61
(2,791)	1:11:A:ILE:HD13	1:14:A:VAL:HB	8	1.61
(2,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	9	1.61
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD11	12	1.61
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD12	12	1.61
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD13	12	1.61
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG21	12	1.61
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG22	12	1.61
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG23	12	1.61
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG21	12	1.61
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG22	12	1.61
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG23	12	1.61
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG21	12	1.61
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG22	12	1.61
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG23	12	1.61
(1,1382)	1:12:A:VAL:HG21	1:13:A:ALA:HA	12	1.61
(1,1382)	1:12:A:VAL:HG22	1:13:A:ALA:HA	12	1.61
(1,1382)	1:12:A:VAL:HG23	1:13:A:ALA:HA	12	1.61
(1,936)	1:43:A:MET:HA	1:44:A:GLU:HG2	11	1.61
(34,2018)	1:17:A:ASN:HB2	1:76:A:ARG:HA	1	1.6
(34,2018)	1:17:A:ASN:HB3	1:76:A:ARG:HA	1	1.6
(34,1251)	1:144:A:LEU:HD11	1:145:A:PRO:HD2	1	1.6
(34,1251)	1:144:A:LEU:HD12	1:145:A:PRO:HD2	1	1.6
(34,1251)	1:144:A:LEU:HD13	1:145:A:PRO:HD2	1	1.6
(33,2500)	1:144:A:LEU:HD11	1:148:A:CYS:H	6	1.6
(33,2500)	1:144:A:LEU:HD12	1:148:A:CYS:H	6	1.6
(33,2500)	1:144:A:LEU:HD13	1:148:A:CYS:H	6	1.6
(33,2500)	1:144:A:LEU:HD21	1:148:A:CYS:H	6	1.6
(33,2500)	1:144:A:LEU:HD22	1:148:A:CYS:H	6	1.6
(33,2500)	1:144:A:LEU:HD23	1:148:A:CYS:H	6	1.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2497)	1:144:A:LEU:HD11	1:147:A:ARG:HB2	3	1.6
(33,2497)	1:144:A:LEU:HD11	1:147:A:ARG:HB3	3	1.6
(33,2497)	1:144:A:LEU:HD12	1:147:A:ARG:HB2	3	1.6
(33,2497)	1:144:A:LEU:HD12	1:147:A:ARG:HB3	3	1.6
(33,2497)	1:144:A:LEU:HD13	1:147:A:ARG:HB2	3	1.6
(33,2497)	1:144:A:LEU:HD13	1:147:A:ARG:HB3	3	1.6
(33,2497)	1:144:A:LEU:HD21	1:147:A:ARG:HB2	3	1.6
(33,2497)	1:144:A:LEU:HD21	1:147:A:ARG:HB3	3	1.6
(33,2497)	1:144:A:LEU:HD22	1:147:A:ARG:HB2	3	1.6
(33,2497)	1:144:A:LEU:HD22	1:147:A:ARG:HB3	3	1.6
(33,2497)	1:144:A:LEU:HD23	1:147:A:ARG:HB2	3	1.6
(33,2497)	1:144:A:LEU:HD23	1:147:A:ARG:HB3	3	1.6
(33,1489)	1:114:A:ILE:HG21	1:117:A:VAL:HB	2	1.6
(33,1489)	1:114:A:ILE:HG22	1:117:A:VAL:HB	2	1.6
(33,1489)	1:114:A:ILE:HG23	1:117:A:VAL:HB	2	1.6
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB1	4	1.6
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB2	4	1.6
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB3	4	1.6
(32,2487)	1:144:A:LEU:HD11	1:146:A:GLN:HG2	12	1.6
(32,2487)	1:144:A:LEU:HD11	1:146:A:GLN:HG3	12	1.6
(32,2487)	1:144:A:LEU:HD12	1:146:A:GLN:HG2	12	1.6
(32,2487)	1:144:A:LEU:HD12	1:146:A:GLN:HG3	12	1.6
(32,2487)	1:144:A:LEU:HD13	1:146:A:GLN:HG2	12	1.6
(32,2487)	1:144:A:LEU:HD13	1:146:A:GLN:HG3	12	1.6
(32,2487)	1:144:A:LEU:HD21	1:146:A:GLN:HG2	12	1.6
(32,2487)	1:144:A:LEU:HD21	1:146:A:GLN:HG3	12	1.6
(32,2487)	1:144:A:LEU:HD22	1:146:A:GLN:HG2	12	1.6
(32,2487)	1:144:A:LEU:HD22	1:146:A:GLN:HG3	12	1.6
(32,2487)	1:144:A:LEU:HD23	1:146:A:GLN:HG2	12	1.6
(32,2487)	1:144:A:LEU:HD23	1:146:A:GLN:HG3	12	1.6
(32,1706)	1:31:A:PRO:HD3	1:36:A:PRO:HD2	7	1.6
(32,1706)	1:31:A:PRO:HD2	1:36:A:PRO:HD2	7	1.6
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE1	14	1.6
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE2	14	1.6
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE3	14	1.6
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE1	14	1.6
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE2	14	1.6
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE3	14	1.6
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE1	14	1.6
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE2	14	1.6
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE3	14	1.6
(32,1188)	1:33:A:LYS:HB2	1:81:A:GLU:HA	2	1.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1188)	1:33:A:LYS:HB3	1:81:A:GLU:HA	2	1.6
(32,781)	1:63:A:ILE:HD11	1:116:A:GLN:HE21	6	1.6
(32,781)	1:63:A:ILE:HD12	1:116:A:GLN:HE21	6	1.6
(32,781)	1:63:A:ILE:HD13	1:116:A:GLN:HE21	6	1.6
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	10	1.6
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	10	1.6
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	10	1.6
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	10	1.6
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG11	8	1.6
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG12	8	1.6
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG13	8	1.6
(30,1221)	1:144:A:LEU:HD11	1:145:A:PRO:HD2	1	1.6
(30,1221)	1:144:A:LEU:HD12	1:145:A:PRO:HD2	1	1.6
(30,1221)	1:144:A:LEU:HD13	1:145:A:PRO:HD2	1	1.6
(30,1217)	1:33:A:LYS:HB2	1:81:A:GLU:HA	2	1.6
(30,1217)	1:33:A:LYS:HB3	1:81:A:GLU:HA	2	1.6
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD21	11	1.6
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD22	11	1.6
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD23	11	1.6
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD21	11	1.6
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD22	11	1.6
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD23	11	1.6
(30,980)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	19	1.6
(30,980)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	19	1.6
(29,2445)	1:144:A:LEU:HD11	1:148:A:CYS:H	6	1.6
(29,2445)	1:144:A:LEU:HD12	1:148:A:CYS:H	6	1.6
(29,2445)	1:144:A:LEU:HD13	1:148:A:CYS:H	6	1.6
(29,2445)	1:144:A:LEU:HD21	1:148:A:CYS:H	6	1.6
(29,2445)	1:144:A:LEU:HD22	1:148:A:CYS:H	6	1.6
(29,2445)	1:144:A:LEU:HD23	1:148:A:CYS:H	6	1.6
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG11	2	1.6
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG12	2	1.6
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG13	2	1.6
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG11	11	1.6
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG12	11	1.6
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG13	11	1.6
(29,775)	1:53:A:THR:H	1:124:A:THR:HG21	9	1.6
(29,775)	1:53:A:THR:H	1:124:A:THR:HG22	9	1.6
(29,775)	1:53:A:THR:H	1:124:A:THR:HG23	9	1.6
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	18	1.6
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	18	1.6
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	18	1.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	18	1.6
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	18	1.6
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	18	1.6
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	18	1.6
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	18	1.6
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	18	1.6
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	18	1.6
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	18	1.6
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	18	1.6
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD1	15	1.6
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD2	15	1.6
(18,1643)	1:69:A:MET:HE1	1:116:A:GLN:HG3	9	1.6
(18,1643)	1:69:A:MET:HE2	1:116:A:GLN:HG3	9	1.6
(18,1643)	1:69:A:MET:HE3	1:116:A:GLN:HG3	9	1.6
(18,1488)	1:114:A:ILE:HG21	1:117:A:VAL:HB	2	1.6
(18,1488)	1:114:A:ILE:HG22	1:117:A:VAL:HB	2	1.6
(18,1488)	1:114:A:ILE:HG23	1:117:A:VAL:HB	2	1.6
(18,1461)	1:67:A:PRO:HD3	1:95:A:ILE:HA	4	1.6
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	13	1.6
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	13	1.6
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	13	1.6
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	13	1.6
(18,267)	1:27:A:ARG:HB3	1:29:A:LYS:H	9	1.6
(17,1488)	1:67:A:PRO:HD3	1:95:A:ILE:HA	4	1.6
(17,845)	1:48:A:ARG:HD2	1:49:A:LYS:HA	10	1.6
(17,845)	1:48:A:ARG:HD3	1:49:A:LYS:HA	10	1.6
(15,1988)	1:17:A:ASN:HB2	1:76:A:ARG:HA	1	1.6
(15,1988)	1:17:A:ASN:HB3	1:76:A:ARG:HA	1	1.6
(15,1892)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	19	1.6
(15,992)	1:12:A:VAL:HB	1:40:A:LEU:H	1	1.6
(13,2003)	1:23:A:LEU:HD11	1:27:A:ARG:HB2	14	1.6
(13,2003)	1:23:A:LEU:HD12	1:27:A:ARG:HB2	14	1.6
(13,2003)	1:23:A:LEU:HD13	1:27:A:ARG:HB2	14	1.6
(13,2003)	1:23:A:LEU:HD21	1:27:A:ARG:HB2	14	1.6
(13,2003)	1:23:A:LEU:HD22	1:27:A:ARG:HB2	14	1.6
(13,2003)	1:23:A:LEU:HD23	1:27:A:ARG:HB2	14	1.6
(13,1472)	1:114:A:ILE:HG21	1:117:A:VAL:HB	2	1.6
(13,1472)	1:114:A:ILE:HG22	1:117:A:VAL:HB	2	1.6
(13,1472)	1:114:A:ILE:HG23	1:117:A:VAL:HB	2	1.6
(11,2238)	1:66:A:THR:H	1:70:A:LYS:HD2	1	1.6
(11,2238)	1:66:A:THR:H	1:70:A:LYS:HD3	1	1.6
(11,2075)	1:32:A:GLY:HA2	1:81:A:GLU:H	5	1.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2075)	1:32:A:GLY:HA3	1:81:A:GLU:H	5	1.6
(11,1519)	1:114:A:ILE:HG21	1:117:A:VAL:HB	2	1.6
(11,1519)	1:114:A:ILE:HG22	1:117:A:VAL:HB	2	1.6
(11,1519)	1:114:A:ILE:HG23	1:117:A:VAL:HB	2	1.6
(11,927)	1:108:A:GLU:HG3	1:112:A:GLN:H	17	1.6
(9,2433)	1:144:A:LEU:HD11	1:148:A:CYS:H	6	1.6
(9,2433)	1:144:A:LEU:HD12	1:148:A:CYS:H	6	1.6
(9,2433)	1:144:A:LEU:HD13	1:148:A:CYS:H	6	1.6
(9,2433)	1:144:A:LEU:HD21	1:148:A:CYS:H	6	1.6
(9,2433)	1:144:A:LEU:HD22	1:148:A:CYS:H	6	1.6
(9,2433)	1:144:A:LEU:HD23	1:148:A:CYS:H	6	1.6
(9,1493)	1:114:A:ILE:HG21	1:117:A:VAL:HB	2	1.6
(9,1493)	1:114:A:ILE:HG22	1:117:A:VAL:HB	2	1.6
(9,1493)	1:114:A:ILE:HG23	1:117:A:VAL:HB	2	1.6
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	1	1.6
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	1	1.6
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	1	1.6
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	1	1.6
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	1	1.6
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	1	1.6
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	9	1.6
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	9	1.6
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	9	1.6
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	9	1.6
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	9	1.6
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	9	1.6
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD11	4	1.6
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD12	4	1.6
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD13	4	1.6
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD21	4	1.6
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD22	4	1.6
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD23	4	1.6
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	10	1.6
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	10	1.6
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	10	1.6
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	10	1.6
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE1	14	1.6
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE2	14	1.6
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE3	14	1.6
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE1	14	1.6
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE2	14	1.6
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE3	14	1.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE1	14	1.6
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE2	14	1.6
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE3	14	1.6
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD21	16	1.6
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD22	16	1.6
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD23	16	1.6
(7,785)	1:11:A:ILE:HD11	1:14:A:VAL:HB	8	1.6
(7,785)	1:11:A:ILE:HD12	1:14:A:VAL:HB	8	1.6
(7,785)	1:11:A:ILE:HD13	1:14:A:VAL:HB	8	1.6
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG2	14	1.6
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG3	14	1.6
(6,1217)	1:144:A:LEU:HD11	1:145:A:PRO:HD2	1	1.6
(6,1217)	1:144:A:LEU:HD12	1:145:A:PRO:HD2	1	1.6
(6,1217)	1:144:A:LEU:HD13	1:145:A:PRO:HD2	1	1.6
(6,855)	1:18:A:PHE:HZ	1:60:A:LEU:HB2	1	1.6
(6,259)	1:27:A:ARG:HB3	1:29:A:LYS:H	9	1.6
(5,2474)	1:144:A:LEU:HD11	1:148:A:CYS:H	6	1.6
(5,2474)	1:144:A:LEU:HD12	1:148:A:CYS:H	6	1.6
(5,2474)	1:144:A:LEU:HD13	1:148:A:CYS:H	6	1.6
(5,2474)	1:144:A:LEU:HD21	1:148:A:CYS:H	6	1.6
(5,2474)	1:144:A:LEU:HD22	1:148:A:CYS:H	6	1.6
(5,2474)	1:144:A:LEU:HD23	1:148:A:CYS:H	6	1.6
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD1	9	1.6
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD2	9	1.6
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD1	9	1.6
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD2	9	1.6
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD1	13	1.6
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD2	13	1.6
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD1	13	1.6
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD2	13	1.6
(5,1515)	1:114:A:ILE:HG21	1:117:A:VAL:HB	2	1.6
(5,1515)	1:114:A:ILE:HG22	1:117:A:VAL:HB	2	1.6
(5,1515)	1:114:A:ILE:HG23	1:117:A:VAL:HB	2	1.6
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	13	1.6
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	13	1.6
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	13	1.6
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	13	1.6
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	1	1.6
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	1	1.6
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	1	1.6
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	1	1.6
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	1	1.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	1	1.6
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	9	1.6
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	9	1.6
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	9	1.6
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	9	1.6
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	9	1.6
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	9	1.6
(4,2006)	1:17:A:ASN:HB2	1:76:A:ARG:HA	1	1.6
(4,2006)	1:17:A:ASN:HB3	1:76:A:ARG:HA	1	1.6
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD11	10	1.6
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD12	10	1.6
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD13	10	1.6
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE1	13	1.6
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE2	13	1.6
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE3	13	1.6
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE1	13	1.6
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE2	13	1.6
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE3	13	1.6
(3,2252)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	7	1.6
(3,2252)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	7	1.6
(3,2252)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	7	1.6
(3,2252)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	7	1.6
(3,2085)	1:32:A:GLY:HA2	1:34:A:LYS:H	16	1.6
(3,2085)	1:32:A:GLY:HA3	1:34:A:LYS:H	16	1.6
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE1	14	1.6
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE2	14	1.6
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE3	14	1.6
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE1	14	1.6
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE2	14	1.6
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE3	14	1.6
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE1	14	1.6
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE2	14	1.6
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE3	14	1.6
(3,1000)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	19	1.6
(3,1000)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	19	1.6
(3,992)	1:31:A:PRO:HB2	1:143:A:TRP:HA	6	1.6
(3,992)	1:31:A:PRO:HB3	1:143:A:TRP:HA	6	1.6
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG11	5	1.6
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG12	5	1.6
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG13	5	1.6
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG21	5	1.6
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG22	5	1.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG23	5	1.6
(2,2038)	1:17:A:ASN:HB2	1:76:A:ARG:HA	1	1.6
(2,2038)	1:17:A:ASN:HB3	1:76:A:ARG:HA	1	1.6
(2,1932)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	10	1.6
(2,1932)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	10	1.6
(2,1932)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	10	1.6
(2,1932)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	10	1.6
(2,1811)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	8	1.6
(2,1811)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	8	1.6
(2,1811)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	8	1.6
(2,1811)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	8	1.6
(2,1811)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	8	1.6
(2,1811)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	8	1.6
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	4	1.6
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	4	1.6
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	4	1.6
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	4	1.6
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	4	1.6
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	4	1.6
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	4	1.6
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	4	1.6
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	4	1.6
(2,1643)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	4	1.6
(2,1218)	1:144:A:LEU:HD11	1:145:A:PRO:HD2	1	1.6
(2,1218)	1:144:A:LEU:HD12	1:145:A:PRO:HD2	1	1.6
(2,1218)	1:144:A:LEU:HD13	1:145:A:PRO:HD2	1	1.6
(2,709)	1:48:A:ARG:HE	1:49:A:LYS:HA	17	1.6
(1,1636)	1:10:A:ASN:HB3	1:14:A:VAL:HB	10	1.6
(1,1591)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	11	1.6
(1,1591)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	11	1.6
(1,1591)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	11	1.6
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE1	14	1.6
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE2	14	1.6
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE3	14	1.6
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE1	14	1.6
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE2	14	1.6
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE3	14	1.6
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE1	14	1.6
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE2	14	1.6
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE3	14	1.6
(1,1521)	1:43:A:MET:HE1	1:46:A:ASN:HB2	4	1.6
(1,1521)	1:43:A:MET:HE2	1:46:A:ASN:HB2	4	1.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1521)	1:43:A:MET:HE3	1:46:A:ASN:HB2	4	1.6
(1,1382)	1:12:A:VAL:HG21	1:13:A:ALA:HA	2	1.6
(1,1382)	1:12:A:VAL:HG22	1:13:A:ALA:HA	2	1.6
(1,1382)	1:12:A:VAL:HG23	1:13:A:ALA:HA	2	1.6
(1,1382)	1:12:A:VAL:HG21	1:13:A:ALA:HA	3	1.6
(1,1382)	1:12:A:VAL:HG22	1:13:A:ALA:HA	3	1.6
(1,1382)	1:12:A:VAL:HG23	1:13:A:ALA:HA	3	1.6
(1,1382)	1:12:A:VAL:HG21	1:13:A:ALA:HA	14	1.6
(1,1382)	1:12:A:VAL:HG22	1:13:A:ALA:HA	14	1.6
(1,1382)	1:12:A:VAL:HG23	1:13:A:ALA:HA	14	1.6
(1,1219)	1:11:A:ILE:HD11	1:131:A:LEU:HA	13	1.6
(1,1219)	1:11:A:ILE:HD12	1:131:A:LEU:HA	13	1.6
(1,1219)	1:11:A:ILE:HD13	1:131:A:LEU:HA	13	1.6
(1,1076)	1:66:A:THR:HG21	1:95:A:ILE:HA	14	1.6
(1,1076)	1:66:A:THR:HG22	1:95:A:ILE:HA	14	1.6
(1,1076)	1:66:A:THR:HG23	1:95:A:ILE:HA	14	1.6
(1,919)	1:21:A:THR:HB	1:24:A:ASP:H	12	1.6
(34,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	7	1.59
(34,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	7	1.59
(34,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	7	1.59
(34,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	7	1.59
(34,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	7	1.59
(34,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	7	1.59
(34,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	7	1.59
(34,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	7	1.59
(34,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	7	1.59
(34,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	7	1.59
(34,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	7	1.59
(34,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	7	1.59
(34,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	14	1.59
(34,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	14	1.59
(34,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	14	1.59
(34,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	14	1.59
(34,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	14	1.59
(34,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	14	1.59
(34,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	14	1.59
(34,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	14	1.59
(34,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	14	1.59
(34,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	14	1.59
(34,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	14	1.59
(34,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	14	1.59
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG11	19	1.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG12	19	1.59
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG13	19	1.59
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	19	1.59
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	19	1.59
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	19	1.59
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG21	9	1.59
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG22	9	1.59
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG23	9	1.59
(34,1293)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	7	1.59
(34,1293)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	7	1.59
(34,1293)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	7	1.59
(34,1293)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	7	1.59
(34,1293)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	7	1.59
(34,1293)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	7	1.59
(34,236)	1:44:A:GLU:HG3	1:48:A:ARG:H	10	1.59
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD11	16	1.59
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD12	16	1.59
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD13	16	1.59
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD11	11	1.59
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD12	11	1.59
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD13	11	1.59
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD21	11	1.59
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD22	11	1.59
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD23	11	1.59
(33,1909)	1:35:A:LEU:HG	1:80:A:TYR:HE1	18	1.59
(33,1909)	1:35:A:LEU:HG	1:80:A:TYR:HE2	18	1.59
(33,1640)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	2	1.59
(33,1640)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	2	1.59
(33,1640)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	2	1.59
(33,1640)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	2	1.59
(33,1640)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	2	1.59
(33,1640)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	2	1.59
(33,1640)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	2	1.59
(33,1640)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	2	1.59
(33,1640)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	2	1.59
(33,1637)	1:134:A:VAL:HG11	1:137:A:SER:H	18	1.59
(33,1637)	1:134:A:VAL:HG12	1:137:A:SER:H	18	1.59
(33,1637)	1:134:A:VAL:HG13	1:137:A:SER:H	18	1.59
(33,1576)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	13	1.59
(33,1576)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	13	1.59
(33,1576)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	13	1.59
(33,1576)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	13	1.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1576)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	13	1.59
(33,1576)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	13	1.59
(33,573)	1:16:A:SER:H	1:131:A:LEU:HB3	2	1.59
(32,2487)	1:144:A:LEU:HD11	1:146:A:GLN:HG2	16	1.59
(32,2487)	1:144:A:LEU:HD11	1:146:A:GLN:HG3	16	1.59
(32,2487)	1:144:A:LEU:HD12	1:146:A:GLN:HG2	16	1.59
(32,2487)	1:144:A:LEU:HD12	1:146:A:GLN:HG3	16	1.59
(32,2487)	1:144:A:LEU:HD13	1:146:A:GLN:HG2	16	1.59
(32,2487)	1:144:A:LEU:HD13	1:146:A:GLN:HG3	16	1.59
(32,2487)	1:144:A:LEU:HD21	1:146:A:GLN:HG2	16	1.59
(32,2487)	1:144:A:LEU:HD21	1:146:A:GLN:HG3	16	1.59
(32,2487)	1:144:A:LEU:HD22	1:146:A:GLN:HG2	16	1.59
(32,2487)	1:144:A:LEU:HD22	1:146:A:GLN:HG3	16	1.59
(32,2487)	1:144:A:LEU:HD23	1:146:A:GLN:HG2	16	1.59
(32,2487)	1:144:A:LEU:HD23	1:146:A:GLN:HG3	16	1.59
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG2	4	1.59
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG3	4	1.59
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE1	17	1.59
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE2	17	1.59
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE3	17	1.59
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE1	17	1.59
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE2	17	1.59
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE3	17	1.59
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE1	17	1.59
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE2	17	1.59
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE3	17	1.59
(32,1237)	1:15:A:ALA:HA	1:131:A:LEU:HB2	13	1.59
(30,2426)	1:136:A:CYS:HB2	1:141:A:LYS:HA	2	1.59
(30,2426)	1:136:A:CYS:HB3	1:141:A:LYS:HA	2	1.59
(30,2044)	1:27:A:ARG:HB2	1:29:A:LYS:H	11	1.59
(30,2044)	1:27:A:ARG:HB3	1:29:A:LYS:H	11	1.59
(30,1590)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	13	1.59
(30,1590)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	13	1.59
(30,1590)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	13	1.59
(30,1590)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	13	1.59
(30,1590)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	13	1.59
(30,1590)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	13	1.59
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD21	2	1.59
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD22	2	1.59
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD23	2	1.59
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD21	2	1.59
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD22	2	1.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD23	2	1.59
(30,482)	1:145:A:PRO:HB2	1:148:A:CYS:H	3	1.59
(29,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	7	1.59
(29,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	7	1.59
(29,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	7	1.59
(29,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	7	1.59
(29,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	7	1.59
(29,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	7	1.59
(29,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	7	1.59
(29,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	7	1.59
(29,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	7	1.59
(29,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	7	1.59
(29,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	7	1.59
(29,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	7	1.59
(29,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	14	1.59
(29,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	14	1.59
(29,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	14	1.59
(29,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	14	1.59
(29,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	14	1.59
(29,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	14	1.59
(29,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	14	1.59
(29,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	14	1.59
(29,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	14	1.59
(29,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	14	1.59
(29,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	14	1.59
(29,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	14	1.59
(29,1278)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	7	1.59
(29,1278)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	7	1.59
(29,1278)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	7	1.59
(29,1278)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	7	1.59
(29,1278)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	7	1.59
(29,1278)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	7	1.59
(29,977)	1:141:A:LYS:HB2	1:149:A:ALA:HA	8	1.59
(29,977)	1:141:A:LYS:HB3	1:149:A:ALA:HA	8	1.59
(29,263)	1:27:A:ARG:HB3	1:29:A:LYS:H	1	1.59
(20,6)	1:52:A:CYS:SG	1:56:A:CYS:SG	3	1.59
(19,20)	1:56:A:CYS:SG	1:52:A:CYS:CB	19	1.59
(19,9)	1:127:A:CYS:SG	1:123:A:CYS:CB	12	1.59
(19,6)	1:123:A:CYS:SG	1:52:A:CYS:CB	14	1.59
(18,2251)	1:69:A:MET:HG2	1:70:A:LYS:HG2	14	1.59
(18,2251)	1:69:A:MET:HG3	1:70:A:LYS:HG2	14	1.59
(18,2251)	1:69:A:MET:HG2	1:70:A:LYS:HG2	15	1.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2251)	1:69:A:MET:HG3	1:70:A:LYS:HG2	15	1.59
(18,1970)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	7	1.59
(18,1970)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	7	1.59
(18,1970)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	7	1.59
(18,1970)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	7	1.59
(18,1970)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	7	1.59
(18,1970)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	7	1.59
(18,1970)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	7	1.59
(18,1970)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	7	1.59
(18,1970)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	7	1.59
(18,1970)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	7	1.59
(18,1970)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	7	1.59
(18,1970)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	7	1.59
(18,1970)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	14	1.59
(18,1970)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	14	1.59
(18,1970)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	14	1.59
(18,1970)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	14	1.59
(18,1970)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	14	1.59
(18,1970)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	14	1.59
(18,1970)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	14	1.59
(18,1970)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	14	1.59
(18,1970)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	14	1.59
(18,1970)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	14	1.59
(18,1970)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	14	1.59
(18,1970)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	14	1.59
(18,1269)	1:15:A:ALA:HA	1:131:A:LEU:HB2	13	1.59
(17,1724)	1:67:A:PRO:HD2	1:95:A:ILE:HA	4	1.59
(17,1674)	1:69:A:MET:HE1	1:116:A:GLN:HG3	11	1.59
(17,1674)	1:69:A:MET:HE2	1:116:A:GLN:HG3	11	1.59
(17,1674)	1:69:A:MET:HE3	1:116:A:GLN:HG3	11	1.59
(17,1604)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	13	1.59
(17,1604)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	13	1.59
(17,1604)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	13	1.59
(17,1604)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	13	1.59
(17,1604)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	13	1.59
(17,1604)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	13	1.59
(17,1394)	1:12:A:VAL:HG21	1:13:A:ALA:HA	12	1.59
(17,1394)	1:12:A:VAL:HG22	1:13:A:ALA:HA	12	1.59
(17,1394)	1:12:A:VAL:HG23	1:13:A:ALA:HA	12	1.59
(17,227)	1:44:A:GLU:HG3	1:48:A:ARG:H	10	1.59
(16,2051)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	10	1.59
(16,2051)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	10	1.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2051)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	10	1.59
(16,2051)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	10	1.59
(16,2051)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	10	1.59
(16,2051)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	10	1.59
(16,2051)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	10	1.59
(16,2051)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	10	1.59
(16,2051)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	10	1.59
(16,2051)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	10	1.59
(16,2051)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	10	1.59
(16,2051)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	10	1.59
(16,1332)	1:106:A:ASP:HA	1:112:A:GLN:HE21	10	1.59
(16,727)	1:63:A:ILE:HG12	1:116:A:GLN:HE22	3	1.59
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB2	4	1.59
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB3	4	1.59
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB2	4	1.59
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB3	4	1.59
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB2	4	1.59
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB3	4	1.59
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB2	4	1.59
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB3	4	1.59
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB2	4	1.59
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB3	4	1.59
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB2	4	1.59
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB3	4	1.59
(15,1892)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	6	1.59
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	1	1.59
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	1	1.59
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	1	1.59
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	1	1.59
(15,74)	1:63:A:ILE:HG21	1:117:A:VAL:H	17	1.59
(15,74)	1:63:A:ILE:HG22	1:117:A:VAL:H	17	1.59
(15,74)	1:63:A:ILE:HG23	1:117:A:VAL:H	17	1.59
(13,1931)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	7	1.59
(13,1931)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	7	1.59
(13,1931)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	7	1.59
(13,1931)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	7	1.59
(13,1931)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	7	1.59
(13,1931)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	7	1.59
(13,1931)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	7	1.59
(13,1931)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	7	1.59
(13,1931)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	7	1.59
(13,1931)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	7	1.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1931)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	7	1.59
(13,1931)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	7	1.59
(13,1931)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	14	1.59
(13,1931)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	14	1.59
(13,1931)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	14	1.59
(13,1931)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	14	1.59
(13,1931)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	14	1.59
(13,1931)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	14	1.59
(13,1931)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	14	1.59
(13,1931)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	14	1.59
(13,1931)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	14	1.59
(13,1931)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	14	1.59
(13,1931)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	14	1.59
(13,1931)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	14	1.59
(13,1016)	1:60:A:LEU:H	1:63:A:ILE:HG13	17	1.59
(13,262)	1:27:A:ARG:HB3	1:29:A:LYS:H	1	1.59
(11,2004)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	17	1.59
(11,2004)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	17	1.59
(11,2004)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	17	1.59
(11,2004)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	17	1.59
(11,2004)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	17	1.59
(11,2004)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	17	1.59
(11,1931)	1:35:A:LEU:HG	1:80:A:TYR:HE1	18	1.59
(11,1931)	1:35:A:LEU:HG	1:80:A:TYR:HE2	18	1.59
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD21	13	1.59
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD22	13	1.59
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD23	13	1.59
(11,1617)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	13	1.59
(11,1617)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	13	1.59
(11,1617)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	13	1.59
(11,1617)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	13	1.59
(11,1617)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	13	1.59
(11,1617)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	13	1.59
(11,1584)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	15	1.59
(11,1584)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	15	1.59
(11,1584)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	15	1.59
(11,1422)	1:56:A:CYS:HA	1:120:A:CYS:HA	18	1.59
(11,1347)	1:106:A:ASP:HA	1:112:A:GLN:HE21	10	1.59
(9,2041)	1:31:A:PRO:HD2	1:144:A:LEU:HA	19	1.59
(9,2041)	1:31:A:PRO:HD3	1:144:A:LEU:HA	19	1.59
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	18	1.59
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	18	1.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	18	1.59
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	18	1.59
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	18	1.59
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	18	1.59
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	18	1.59
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	18	1.59
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	18	1.59
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	18	1.59
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	18	1.59
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	18	1.59
(9,1649)	1:69:A:MET:HE1	1:116:A:GLN:HG3	11	1.59
(9,1649)	1:69:A:MET:HE2	1:116:A:GLN:HG3	11	1.59
(9,1649)	1:69:A:MET:HE3	1:116:A:GLN:HG3	11	1.59
(9,1326)	1:106:A:ASP:HA	1:112:A:GLN:HE21	10	1.59
(9,269)	1:27:A:ARG:HB3	1:29:A:LYS:H	1	1.59
(7,2027)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	3	1.59
(7,2027)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	3	1.59
(7,2027)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	3	1.59
(7,2027)	1:31:A:PRO:HD2	1:144:A:LEU:HD21	3	1.59
(7,2027)	1:31:A:PRO:HD2	1:144:A:LEU:HD22	3	1.59
(7,2027)	1:31:A:PRO:HD2	1:144:A:LEU:HD23	3	1.59
(7,2027)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	3	1.59
(7,2027)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	3	1.59
(7,2027)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	3	1.59
(7,2027)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	3	1.59
(7,2027)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	3	1.59
(7,2027)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	3	1.59
(7,1560)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	13	1.59
(7,1560)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	13	1.59
(7,1560)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	13	1.59
(7,1560)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	13	1.59
(7,1560)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	13	1.59
(7,1560)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	13	1.59
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE1	10	1.59
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE2	10	1.59
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE3	10	1.59
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE1	17	1.59
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE2	17	1.59
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE3	17	1.59
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE1	17	1.59
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE2	17	1.59
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE3	17	1.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE1	17	1.59
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE2	17	1.59
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE3	17	1.59
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	1	1.59
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	1	1.59
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	1	1.59
(7,1248)	1:15:A:ALA:HA	1:131:A:LEU:HB2	13	1.59
(6,2077)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	6	1.59
(6,2077)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	6	1.59
(6,2077)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	6	1.59
(6,2077)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	6	1.59
(6,2077)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	6	1.59
(6,2077)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	6	1.59
(6,2077)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	6	1.59
(6,2077)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	6	1.59
(6,2077)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	6	1.59
(6,2077)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	6	1.59
(6,2077)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	6	1.59
(6,2077)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	6	1.59
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD11	5	1.59
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD12	5	1.59
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD13	5	1.59
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD21	5	1.59
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD22	5	1.59
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD23	5	1.59
(6,1920)	1:35:A:LEU:HG	1:80:A:TYR:HE1	18	1.59
(6,1920)	1:35:A:LEU:HG	1:80:A:TYR:HE2	18	1.59
(6,1651)	1:134:A:VAL:HG11	1:137:A:SER:H	18	1.59
(6,1651)	1:134:A:VAL:HG12	1:137:A:SER:H	18	1.59
(6,1651)	1:134:A:VAL:HG13	1:137:A:SER:H	18	1.59
(6,1587)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	13	1.59
(6,1587)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	13	1.59
(6,1587)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	13	1.59
(6,1587)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	13	1.59
(6,1587)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	13	1.59
(6,1587)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	13	1.59
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	1	1.59
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	1	1.59
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	1	1.59
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	1	1.59
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	1	1.59
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	1	1.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	1	1.59
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	1	1.59
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	1	1.59
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	12	1.59
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	12	1.59
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	12	1.59
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	12	1.59
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	12	1.59
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	12	1.59
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	12	1.59
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	12	1.59
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	12	1.59
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	12	1.59
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	12	1.59
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	12	1.59
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD1	5	1.59
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD2	5	1.59
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD1	5	1.59
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD2	5	1.59
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD1	14	1.59
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD2	14	1.59
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD1	14	1.59
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD2	14	1.59
(5,1733)	1:67:A:PRO:HD2	1:95:A:ILE:HA	4	1.59
(5,1489)	1:67:A:PRO:HD3	1:95:A:ILE:HA	4	1.59
(5,1277)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	7	1.59
(5,1277)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	7	1.59
(5,1277)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	7	1.59
(5,1277)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	7	1.59
(5,1277)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	7	1.59
(5,1277)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	7	1.59
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE1	14	1.59
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE2	14	1.59
(4,1568)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	13	1.59
(4,1568)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	13	1.59
(4,1568)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	13	1.59
(4,1568)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	13	1.59
(4,1568)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	13	1.59
(4,1568)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	13	1.59
(4,1243)	1:15:A:ALA:HA	1:131:A:LEU:HB2	13	1.59
(4,703)	1:48:A:ARG:HE	1:49:A:LYS:HA	19	1.59
(3,2085)	1:32:A:GLY:HA2	1:34:A:LYS:H	4	1.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2085)	1:32:A:GLY:HA3	1:34:A:LYS:H	4	1.59
(3,2007)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	17	1.59
(3,2007)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	17	1.59
(3,2007)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	17	1.59
(3,2007)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	17	1.59
(3,2007)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	17	1.59
(3,2007)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	17	1.59
(3,1937)	1:35:A:LEU:HG	1:80:A:TYR:HE1	18	1.59
(3,1937)	1:35:A:LEU:HG	1:80:A:TYR:HE2	18	1.59
(3,1742)	1:67:A:PRO:HD2	1:95:A:ILE:HA	4	1.59
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE1	17	1.59
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE2	17	1.59
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE3	17	1.59
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE1	17	1.59
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE2	17	1.59
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE3	17	1.59
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE1	17	1.59
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE2	17	1.59
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE3	17	1.59
(3,1355)	1:106:A:ASP:HA	1:112:A:GLN:HE21	10	1.59
(3,887)	1:21:A:THR:HG21	1:24:A:ASP:HB2	11	1.59
(3,887)	1:21:A:THR:HG21	1:24:A:ASP:HB3	11	1.59
(3,887)	1:21:A:THR:HG22	1:24:A:ASP:HB2	11	1.59
(3,887)	1:21:A:THR:HG22	1:24:A:ASP:HB3	11	1.59
(3,887)	1:21:A:THR:HG23	1:24:A:ASP:HB2	11	1.59
(3,887)	1:21:A:THR:HG23	1:24:A:ASP:HB3	11	1.59
(3,811)	1:11:A:ILE:HD11	1:43:A:MET:HG2	2	1.59
(3,811)	1:11:A:ILE:HD12	1:43:A:MET:HG2	2	1.59
(3,811)	1:11:A:ILE:HD13	1:43:A:MET:HG2	2	1.59
(3,572)	1:98:A:ILE:HG13	1:116:A:GLN:H	16	1.59
(3,262)	1:27:A:ARG:HB3	1:29:A:LYS:H	1	1.59
(2,1932)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	19	1.59
(2,1932)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	19	1.59
(2,1932)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	19	1.59
(2,1932)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	19	1.59
(2,1136)	1:10:A:ASN:HD22	1:80:A:TYR:HA	1	1.59
(1,1669)	1:69:A:MET:HE1	1:116:A:GLN:HG3	11	1.59
(1,1669)	1:69:A:MET:HE2	1:116:A:GLN:HG3	11	1.59
(1,1669)	1:69:A:MET:HE3	1:116:A:GLN:HG3	11	1.59
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE1	17	1.59
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE2	17	1.59
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE3	17	1.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE1	17	1.59
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE2	17	1.59
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE3	17	1.59
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE1	17	1.59
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE2	17	1.59
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE3	17	1.59
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	18	1.59
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	18	1.59
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	18	1.59
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	1	1.59
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	1	1.59
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	1	1.59
(1,888)	1:21:A:THR:HG21	1:24:A:ASP:HB2	11	1.59
(1,888)	1:21:A:THR:HG21	1:24:A:ASP:HB3	11	1.59
(1,888)	1:21:A:THR:HG22	1:24:A:ASP:HB2	11	1.59
(1,888)	1:21:A:THR:HG22	1:24:A:ASP:HB3	11	1.59
(1,888)	1:21:A:THR:HG23	1:24:A:ASP:HB2	11	1.59
(1,888)	1:21:A:THR:HG23	1:24:A:ASP:HB3	11	1.59
(1,73)	1:63:A:ILE:HG21	1:117:A:VAL:H	17	1.59
(1,73)	1:63:A:ILE:HG22	1:117:A:VAL:H	17	1.59
(1,73)	1:63:A:ILE:HG23	1:117:A:VAL:H	17	1.59
(34,2264)	1:74:A:PRO:HA	1:77:A:CYS:HB2	15	1.58
(34,2264)	1:74:A:PRO:HA	1:77:A:CYS:HB3	15	1.58
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	12	1.58
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	12	1.58
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	12	1.58
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	12	1.58
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	12	1.58
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	12	1.58
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	12	1.58
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	12	1.58
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	12	1.58
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	12	1.58
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	12	1.58
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	12	1.58
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD11	15	1.58
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD12	15	1.58
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD13	15	1.58
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD21	15	1.58
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD22	15	1.58
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD23	15	1.58
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD11	15	1.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD12	15	1.58
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD13	15	1.58
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD21	15	1.58
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD22	15	1.58
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD23	15	1.58
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD11	15	1.58
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD12	15	1.58
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD13	15	1.58
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD21	15	1.58
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD22	15	1.58
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD23	15	1.58
(34,1982)	1:12:A:VAL:HG11	1:81:A:GLU:H	3	1.58
(34,1982)	1:12:A:VAL:HG12	1:81:A:GLU:H	3	1.58
(34,1982)	1:12:A:VAL:HG13	1:81:A:GLU:H	3	1.58
(34,1982)	1:12:A:VAL:HG21	1:81:A:GLU:H	3	1.58
(34,1982)	1:12:A:VAL:HG22	1:81:A:GLU:H	3	1.58
(34,1982)	1:12:A:VAL:HG23	1:81:A:GLU:H	3	1.58
(34,1935)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	19	1.58
(34,1935)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	19	1.58
(34,1721)	1:67:A:PRO:HD2	1:95:A:ILE:HA	4	1.58
(34,908)	1:10:A:ASN:HD22	1:11:A:ILE:HB	1	1.58
(34,824)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	17	1.58
(34,824)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	17	1.58
(34,824)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	17	1.58
(34,723)	1:45:A:ALA:HA	1:48:A:ARG:HE	7	1.58
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	11	1.58
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	11	1.58
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	11	1.58
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	11	1.58
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	11	1.58
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	11	1.58
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	11	1.58
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	11	1.58
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	11	1.58
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	11	1.58
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	11	1.58
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	11	1.58
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	11	1.58
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	11	1.58
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	11	1.58
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	11	1.58
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	11	1.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	11	1.58
(33,822)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	17	1.58
(33,822)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	17	1.58
(33,822)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	17	1.58
(33,713)	1:45:A:ALA:HA	1:48:A:ARG:HE	7	1.58
(32,2044)	1:34:A:LYS:H	1:81:A:GLU:HB2	19	1.58
(32,2044)	1:34:A:LYS:H	1:81:A:GLU:HB3	19	1.58
(32,1811)	1:13:A:ALA:HA	1:80:A:TYR:HE1	16	1.58
(32,1811)	1:13:A:ALA:HA	1:80:A:TYR:HE2	16	1.58
(32,1695)	1:31:A:PRO:HB2	1:35:A:LEU:HA	15	1.58
(32,1695)	1:31:A:PRO:HB3	1:35:A:LEU:HA	15	1.58
(32,1665)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	11	1.58
(32,1665)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	11	1.58
(32,1665)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	11	1.58
(32,1084)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	8	1.58
(32,1084)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	8	1.58
(32,929)	1:66:A:THR:H	1:96:A:VAL:HB	10	1.58
(32,695)	1:45:A:ALA:HA	1:48:A:ARG:HE	7	1.58
(30,1953)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	1	1.58
(30,1953)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	1	1.58
(30,1953)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	1	1.58
(30,1953)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	1	1.58
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE1	9	1.58
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE2	9	1.58
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE1	9	1.58
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE2	9	1.58
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE1	9	1.58
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE2	9	1.58
(30,1715)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	11	1.58
(30,1715)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	11	1.58
(30,1715)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	11	1.58
(30,710)	1:45:A:ALA:HA	1:48:A:ARG:HE	7	1.58
(30,44)	1:44:A:GLU:HG3	1:47:A:ALA:H	10	1.58
(29,2259)	1:74:A:PRO:HA	1:77:A:CYS:HB2	15	1.58
(29,2259)	1:74:A:PRO:HA	1:77:A:CYS:HB3	15	1.58
(29,2078)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	6	1.58
(29,2078)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	6	1.58
(29,2078)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	6	1.58
(29,2078)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	6	1.58
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG11	2	1.58
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG12	2	1.58
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG13	2	1.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(20,9)	1:56:A:CYS:SG	1:127:A:CYS:SG	13	1.58
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD11	15	1.58
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD12	15	1.58
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD13	15	1.58
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD21	15	1.58
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD22	15	1.58
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD23	15	1.58
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD11	15	1.58
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD12	15	1.58
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD13	15	1.58
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD21	15	1.58
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD22	15	1.58
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD23	15	1.58
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD11	15	1.58
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD12	15	1.58
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD13	15	1.58
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD21	15	1.58
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD22	15	1.58
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD23	15	1.58
(18,1695)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	11	1.58
(18,1695)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	11	1.58
(18,1695)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	11	1.58
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	6	1.58
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	6	1.58
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	6	1.58
(18,829)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	17	1.58
(18,829)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	17	1.58
(18,829)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	17	1.58
(18,727)	1:45:A:ALA:HA	1:48:A:ARG:HE	7	1.58
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	5	1.58
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	5	1.58
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	5	1.58
(17,1723)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	11	1.58
(17,1723)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	11	1.58
(17,1723)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	11	1.58
(17,1394)	1:12:A:VAL:HG21	1:13:A:ALA:HA	2	1.58
(17,1394)	1:12:A:VAL:HG22	1:13:A:ALA:HA	2	1.58
(17,1394)	1:12:A:VAL:HG23	1:13:A:ALA:HA	2	1.58
(17,1394)	1:12:A:VAL:HG21	1:13:A:ALA:HA	3	1.58
(17,1394)	1:12:A:VAL:HG22	1:13:A:ALA:HA	3	1.58
(17,1394)	1:12:A:VAL:HG23	1:13:A:ALA:HA	3	1.58
(17,1394)	1:12:A:VAL:HG21	1:13:A:ALA:HA	14	1.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1394)	1:12:A:VAL:HG22	1:13:A:ALA:HA	14	1.58
(17,1394)	1:12:A:VAL:HG23	1:13:A:ALA:HA	14	1.58
(17,1026)	1:113:A:PHE:HA	1:116:A:GLN:HG3	16	1.58
(17,845)	1:48:A:ARG:HD2	1:49:A:LYS:HA	3	1.58
(17,845)	1:48:A:ARG:HD3	1:49:A:LYS:HA	3	1.58
(17,827)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	17	1.58
(17,827)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	17	1.58
(17,827)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	17	1.58
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	19	1.58
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	19	1.58
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	19	1.58
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	19	1.58
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	19	1.58
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	19	1.58
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	19	1.58
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	19	1.58
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	19	1.58
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD11	14	1.58
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD12	14	1.58
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD13	14	1.58
(17,716)	1:45:A:ALA:HA	1:48:A:ARG:HE	7	1.58
(17,436)	1:68:A:LYS:H	1:70:A:LYS:HG2	5	1.58
(16,2239)	1:69:A:MET:HG2	1:76:A:ARG:HB3	10	1.58
(16,2239)	1:69:A:MET:HG3	1:76:A:ARG:HB3	10	1.58
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD11	9	1.58
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD12	9	1.58
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD13	9	1.58
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD21	9	1.58
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD22	9	1.58
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD23	9	1.58
(16,1874)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	12	1.58
(16,1874)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	12	1.58
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	5	1.58
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	5	1.58
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	5	1.58
(16,1393)	1:19:A:ALA:HB1	1:132:A:ALA:HA	7	1.58
(16,1393)	1:19:A:ALA:HB2	1:132:A:ALA:HA	7	1.58
(16,1393)	1:19:A:ALA:HB3	1:132:A:ALA:HA	7	1.58
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD21	12	1.58
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD22	12	1.58
(16,1281)	1:13:A:ALA:HA	1:30:A:LEU:HD23	12	1.58
(16,978)	1:11:A:ILE:HG12	1:43:A:MET:HB2	5	1.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,721)	1:45:A:ALA:HA	1:48:A:ARG:HE	7	1.58
(16,445)	1:68:A:LYS:H	1:70:A:LYS:HG2	5	1.58
(15,2038)	1:34:A:LYS:H	1:81:A:GLU:HB2	19	1.58
(15,2038)	1:34:A:LYS:H	1:81:A:GLU:HB3	19	1.58
(15,1931)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	1	1.58
(15,1931)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	1	1.58
(15,1931)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	1	1.58
(15,1931)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	1	1.58
(15,1904)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	19	1.58
(15,1904)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	19	1.58
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	8	1.58
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	8	1.58
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	8	1.58
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	8	1.58
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	13	1.58
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	13	1.58
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	13	1.58
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	13	1.58
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE1	2	1.58
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE2	2	1.58
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE1	15	1.58
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE2	15	1.58
(15,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	11	1.58
(15,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	11	1.58
(15,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	11	1.58
(15,715)	1:45:A:ALA:HA	1:48:A:ARG:HE	7	1.58
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD21	19	1.58
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD22	19	1.58
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD23	19	1.58
(15,14)	1:64:A:LYS:H	1:116:A:GLN:HG2	19	1.58
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG11	9	1.58
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG12	9	1.58
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG13	9	1.58
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG21	9	1.58
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG22	9	1.58
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG23	9	1.58
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD11	15	1.58
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD12	15	1.58
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD13	15	1.58
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD21	15	1.58
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD22	15	1.58
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD23	15	1.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD11	15	1.58
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD12	15	1.58
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD13	15	1.58
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD21	15	1.58
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD22	15	1.58
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD23	15	1.58
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD11	15	1.58
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD12	15	1.58
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD13	15	1.58
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD21	15	1.58
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD22	15	1.58
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD23	15	1.58
(13,1939)	1:12:A:VAL:HG11	1:81:A:GLU:H	3	1.58
(13,1939)	1:12:A:VAL:HG12	1:81:A:GLU:H	3	1.58
(13,1939)	1:12:A:VAL:HG13	1:81:A:GLU:H	3	1.58
(13,1939)	1:12:A:VAL:HG21	1:81:A:GLU:H	3	1.58
(13,1939)	1:12:A:VAL:HG22	1:81:A:GLU:H	3	1.58
(13,1939)	1:12:A:VAL:HG23	1:81:A:GLU:H	3	1.58
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG11	10	1.58
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG12	10	1.58
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG13	10	1.58
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD11	15	1.58
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD12	15	1.58
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD13	15	1.58
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD11	15	1.58
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD12	15	1.58
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD13	15	1.58
(13,781)	1:11:A:ILE:HD11	1:14:A:VAL:HB	8	1.58
(13,781)	1:11:A:ILE:HD12	1:14:A:VAL:HB	8	1.58
(13,781)	1:11:A:ILE:HD13	1:14:A:VAL:HB	8	1.58
(13,699)	1:45:A:ALA:HA	1:48:A:ARG:HE	7	1.58
(11,2419)	1:134:A:VAL:HG11	1:137:A:SER:HB2	5	1.58
(11,2419)	1:134:A:VAL:HG11	1:137:A:SER:HB3	5	1.58
(11,2419)	1:134:A:VAL:HG12	1:137:A:SER:HB2	5	1.58
(11,2419)	1:134:A:VAL:HG12	1:137:A:SER:HB3	5	1.58
(11,2419)	1:134:A:VAL:HG13	1:137:A:SER:HB2	5	1.58
(11,2419)	1:134:A:VAL:HG13	1:137:A:SER:HB3	5	1.58
(11,2419)	1:134:A:VAL:HG21	1:137:A:SER:HB2	5	1.58
(11,2419)	1:134:A:VAL:HG21	1:137:A:SER:HB3	5	1.58
(11,2419)	1:134:A:VAL:HG22	1:137:A:SER:HB2	5	1.58
(11,2419)	1:134:A:VAL:HG22	1:137:A:SER:HB3	5	1.58
(11,2419)	1:134:A:VAL:HG23	1:137:A:SER:HB2	5	1.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2419)	1:134:A:VAL:HG23	1:137:A:SER:HB3	5	1.58
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	6	1.58
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	6	1.58
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	6	1.58
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	6	1.58
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	6	1.58
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	6	1.58
(11,2004)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	10	1.58
(11,2004)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	10	1.58
(11,2004)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	10	1.58
(11,2004)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	10	1.58
(11,2004)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	10	1.58
(11,2004)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	10	1.58
(11,815)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	17	1.58
(11,815)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	17	1.58
(11,815)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	17	1.58
(11,715)	1:45:A:ALA:HA	1:48:A:ARG:HE	7	1.58
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	5	1.58
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	5	1.58
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	5	1.58
(9,1703)	1:67:A:PRO:HD2	1:95:A:ILE:HA	4	1.58
(9,962)	1:11:A:ILE:HG12	1:43:A:MET:HB2	5	1.58
(9,748)	1:103:A:ARG:HE	1:107:A:LEU:HD11	12	1.58
(9,748)	1:103:A:ARG:HE	1:107:A:LEU:HD12	12	1.58
(9,748)	1:103:A:ARG:HE	1:107:A:LEU:HD13	12	1.58
(9,709)	1:45:A:ALA:HA	1:48:A:ARG:HE	7	1.58
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD11	2	1.58
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD12	2	1.58
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD13	2	1.58
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD21	2	1.58
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD22	2	1.58
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD23	2	1.58
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	8	1.58
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	8	1.58
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	8	1.58
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	8	1.58
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	8	1.58
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	8	1.58
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	8	1.58
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	8	1.58
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	8	1.58
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	8	1.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	8	1.58
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	8	1.58
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	8	1.58
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	8	1.58
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	8	1.58
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	8	1.58
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	8	1.58
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	8	1.58
(7,1666)	1:43:A:MET:HE1	1:131:A:LEU:HA	12	1.58
(7,1666)	1:43:A:MET:HE2	1:131:A:LEU:HA	12	1.58
(7,1666)	1:43:A:MET:HE3	1:131:A:LEU:HA	12	1.58
(7,809)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	17	1.58
(7,809)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	17	1.58
(7,809)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	17	1.58
(7,708)	1:45:A:ALA:HA	1:48:A:ARG:HE	7	1.58
(7,42)	1:44:A:GLU:HG3	1:47:A:ALA:H	10	1.58
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG2	9	1.58
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG3	9	1.58
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	5	1.58
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	5	1.58
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	5	1.58
(6,1848)	1:13:A:ALA:HA	1:80:A:TYR:HE1	16	1.58
(6,1848)	1:13:A:ALA:HA	1:80:A:TYR:HE2	16	1.58
(6,1712)	1:67:A:PRO:HD2	1:95:A:ILE:HA	4	1.58
(6,1711)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	11	1.58
(6,1711)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	11	1.58
(6,1711)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	11	1.58
(6,1699)	1:43:A:MET:HE1	1:131:A:LEU:HA	12	1.58
(6,1699)	1:43:A:MET:HE2	1:131:A:LEU:HA	12	1.58
(6,1699)	1:43:A:MET:HE3	1:131:A:LEU:HA	12	1.58
(6,812)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	17	1.58
(6,812)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	17	1.58
(6,812)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	17	1.58
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	19	1.58
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	19	1.58
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	19	1.58
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	19	1.58
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	19	1.58
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	19	1.58
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	19	1.58
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	19	1.58
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	19	1.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,708)	1:45:A:ALA:HA	1:48:A:ARG:HE	7	1.58
(6,62)	1:32:A:GLY:HA2	1:81:A:GLU:H	3	1.58
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD1	8	1.58
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD2	8	1.58
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD1	8	1.58
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD2	8	1.58
(5,1732)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	11	1.58
(5,1732)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	11	1.58
(5,1732)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	11	1.58
(5,794)	1:11:A:ILE:HD11	1:14:A:VAL:HB	8	1.58
(5,794)	1:11:A:ILE:HD12	1:14:A:VAL:HB	8	1.58
(5,794)	1:11:A:ILE:HD13	1:14:A:VAL:HB	8	1.58
(5,713)	1:45:A:ALA:HA	1:48:A:ARG:HE	7	1.58
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	13	1.58
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	13	1.58
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	13	1.58
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	13	1.58
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	13	1.58
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	13	1.58
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	13	1.58
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	13	1.58
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	13	1.58
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	13	1.58
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	13	1.58
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	13	1.58
(4,1677)	1:43:A:MET:HE1	1:131:A:LEU:HA	12	1.58
(4,1677)	1:43:A:MET:HE2	1:131:A:LEU:HA	12	1.58
(4,1677)	1:43:A:MET:HE3	1:131:A:LEU:HA	12	1.58
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD11	15	1.58
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD12	15	1.58
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD13	15	1.58
(4,1371)	1:19:A:ALA:HB1	1:132:A:ALA:HA	14	1.58
(4,1371)	1:19:A:ALA:HB2	1:132:A:ALA:HA	14	1.58
(4,1371)	1:19:A:ALA:HB3	1:132:A:ALA:HA	14	1.58
(4,813)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	17	1.58
(4,813)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	17	1.58
(4,813)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	17	1.58
(4,48)	1:44:A:GLU:HG3	1:47:A:ALA:H	10	1.58
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	7	1.58
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	7	1.58
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	7	1.58
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	7	1.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	7	1.58
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	7	1.58
(3,2007)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	10	1.58
(3,2007)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	10	1.58
(3,2007)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	10	1.58
(3,2007)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	10	1.58
(3,2007)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	10	1.58
(3,2007)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	10	1.58
(3,1873)	1:13:A:ALA:HA	1:80:A:TYR:HE1	16	1.58
(3,1873)	1:13:A:ALA:HA	1:80:A:TYR:HE2	16	1.58
(3,1741)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	11	1.58
(3,1741)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	11	1.58
(3,1741)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	11	1.58
(3,1729)	1:43:A:MET:HE1	1:131:A:LEU:HA	12	1.58
(3,1729)	1:43:A:MET:HE2	1:131:A:LEU:HA	12	1.58
(3,1729)	1:43:A:MET:HE3	1:131:A:LEU:HA	12	1.58
(3,1213)	1:11:A:ILE:HA	1:40:A:LEU:HD11	14	1.58
(3,1213)	1:11:A:ILE:HA	1:40:A:LEU:HD12	14	1.58
(3,1213)	1:11:A:ILE:HA	1:40:A:LEU:HD13	14	1.58
(3,992)	1:31:A:PRO:HB2	1:143:A:TRP:HA	10	1.58
(3,992)	1:31:A:PRO:HB3	1:143:A:TRP:HA	10	1.58
(3,831)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	17	1.58
(3,831)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	17	1.58
(3,831)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	17	1.58
(3,722)	1:45:A:ALA:HA	1:48:A:ARG:HE	7	1.58
(3,662)	1:100:A:ALA:H	1:119:A:LEU:HG	3	1.58
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG11	14	1.58
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG12	14	1.58
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG13	14	1.58
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG21	14	1.58
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG22	14	1.58
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG23	14	1.58
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD11	6	1.58
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD12	6	1.58
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD13	6	1.58
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD21	6	1.58
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD22	6	1.58
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD23	6	1.58
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD21	13	1.58
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD22	13	1.58
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD23	13	1.58
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD21	13	1.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD22	13	1.58
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD23	13	1.58
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD21	13	1.58
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD22	13	1.58
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD23	13	1.58
(2,815)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	17	1.58
(2,815)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	17	1.58
(2,815)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	17	1.58
(2,709)	1:48:A:ARG:HE	1:49:A:LYS:HA	13	1.58
(2,117)	1:10:A:ASN:HD22	1:80:A:TYR:H	17	1.58
(1,1721)	1:67:A:PRO:HD2	1:95:A:ILE:HA	4	1.58
(1,830)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	17	1.58
(1,830)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	17	1.58
(1,830)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	17	1.58
(34,2277)	1:79:A:THR:HG21	1:81:A:GLU:HB2	18	1.57
(34,2277)	1:79:A:THR:HG21	1:81:A:GLU:HB3	18	1.57
(34,2277)	1:79:A:THR:HG22	1:81:A:GLU:HB2	18	1.57
(34,2277)	1:79:A:THR:HG22	1:81:A:GLU:HB3	18	1.57
(34,2277)	1:79:A:THR:HG23	1:81:A:GLU:HB2	18	1.57
(34,2277)	1:79:A:THR:HG23	1:81:A:GLU:HB3	18	1.57
(34,2208)	1:60:A:LEU:HD11	1:61:A:SER:HB2	17	1.57
(34,2208)	1:60:A:LEU:HD11	1:61:A:SER:HB3	17	1.57
(34,2208)	1:60:A:LEU:HD12	1:61:A:SER:HB2	17	1.57
(34,2208)	1:60:A:LEU:HD12	1:61:A:SER:HB3	17	1.57
(34,2208)	1:60:A:LEU:HD13	1:61:A:SER:HB2	17	1.57
(34,2208)	1:60:A:LEU:HD13	1:61:A:SER:HB3	17	1.57
(34,1977)	1:12:A:VAL:HG11	1:79:A:THR:HA	3	1.57
(34,1977)	1:12:A:VAL:HG12	1:79:A:THR:HA	3	1.57
(34,1977)	1:12:A:VAL:HG13	1:79:A:THR:HA	3	1.57
(34,1977)	1:12:A:VAL:HG21	1:79:A:THR:HA	3	1.57
(34,1977)	1:12:A:VAL:HG22	1:79:A:THR:HA	3	1.57
(34,1977)	1:12:A:VAL:HG23	1:79:A:THR:HA	3	1.57
(34,1863)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	15	1.57
(34,1863)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	15	1.57
(34,1451)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	3	1.57
(34,1451)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	3	1.57
(34,1451)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	3	1.57
(34,448)	1:68:A:LYS:H	1:70:A:LYS:HG2	6	1.57
(33,2500)	1:144:A:LEU:HD11	1:148:A:CYS:H	19	1.57
(33,2500)	1:144:A:LEU:HD12	1:148:A:CYS:H	19	1.57
(33,2500)	1:144:A:LEU:HD13	1:148:A:CYS:H	19	1.57
(33,2500)	1:144:A:LEU:HD21	1:148:A:CYS:H	19	1.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2500)	1:144:A:LEU:HD22	1:148:A:CYS:H	19	1.57
(33,2500)	1:144:A:LEU:HD23	1:148:A:CYS:H	19	1.57
(33,1851)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	15	1.57
(33,1851)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	15	1.57
(32,1970)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	13	1.57
(32,1970)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	13	1.57
(32,1970)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	13	1.57
(32,1970)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	13	1.57
(32,1970)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	13	1.57
(32,1970)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	13	1.57
(32,1970)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	13	1.57
(32,1970)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	13	1.57
(32,1970)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	13	1.57
(32,1970)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	13	1.57
(32,1970)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	13	1.57
(32,1970)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	13	1.57
(32,1970)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	13	1.57
(32,1970)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	13	1.57
(32,1970)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	13	1.57
(32,1970)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	13	1.57
(32,1970)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	13	1.57
(32,1970)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	13	1.57
(32,1845)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	1.57
(32,1845)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	1.57
(32,1845)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	1.57
(32,1845)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	1.57
(32,1845)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	1.57
(32,1845)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	1.57
(30,1855)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	15	1.57
(30,1855)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	15	1.57
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE1	5	1.57
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE2	5	1.57
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD21	2	1.57
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD22	2	1.57
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD23	2	1.57
(30,1242)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	19	1.57
(30,1242)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	19	1.57
(30,1242)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	19	1.57
(30,1242)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	19	1.57
(30,1242)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	19	1.57
(30,1242)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	19	1.57
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD21	5	1.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD22	5	1.57
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD23	5	1.57
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD21	5	1.57
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD22	5	1.57
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD23	5	1.57
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD21	5	1.57
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD22	5	1.57
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD23	5	1.57
(30,1059)	1:54:A:ARG:HA	1:58:A:ILE:HG13	16	1.57
(30,687)	1:145:A:PRO:HB3	1:148:A:CYS:H	17	1.57
(29,2445)	1:144:A:LEU:HD11	1:148:A:CYS:H	19	1.57
(29,2445)	1:144:A:LEU:HD12	1:148:A:CYS:H	19	1.57
(29,2445)	1:144:A:LEU:HD13	1:148:A:CYS:H	19	1.57
(29,2445)	1:144:A:LEU:HD21	1:148:A:CYS:H	19	1.57
(29,2445)	1:144:A:LEU:HD22	1:148:A:CYS:H	19	1.57
(29,2445)	1:144:A:LEU:HD23	1:148:A:CYS:H	19	1.57
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG21	11	1.57
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG22	11	1.57
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG23	11	1.57
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG21	11	1.57
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG22	11	1.57
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG23	11	1.57
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG21	11	1.57
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG22	11	1.57
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG23	11	1.57
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG21	11	1.57
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG22	11	1.57
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG23	11	1.57
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG21	11	1.57
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG22	11	1.57
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG23	11	1.57
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG21	11	1.57
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG22	11	1.57
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG23	11	1.57
(29,847)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	4	1.57
(29,847)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	4	1.57
(29,847)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	4	1.57
(29,847)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	4	1.57
(29,847)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	4	1.57
(29,847)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	4	1.57
(29,159)	1:67:A:PRO:HD3	1:95:A:ILE:H	11	1.57
(19,20)	1:56:A:CYS:SG	1:52:A:CYS:CB	8	1.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2059)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	4	1.57
(18,2059)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	4	1.57
(18,2059)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	4	1.57
(18,2059)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	4	1.57
(18,2059)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	4	1.57
(18,2059)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	4	1.57
(18,1887)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	1	1.57
(18,1887)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	1	1.57
(18,1887)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	1	1.57
(18,1887)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	1	1.57
(18,1887)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	1	1.57
(18,1887)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	1	1.57
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD1	7	1.57
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD2	7	1.57
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	7	1.57
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	7	1.57
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	7	1.57
(18,1606)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	18	1.57
(18,1606)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	18	1.57
(18,1606)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	18	1.57
(18,1606)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	18	1.57
(18,1606)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	18	1.57
(18,1606)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	18	1.57
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	2	1.57
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	2	1.57
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	2	1.57
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	2	1.57
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	7	1.57
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	7	1.57
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	7	1.57
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	7	1.57
(18,671)	1:101:A:ILE:HB	1:103:A:ARG:H	16	1.57
(17,1935)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	2	1.57
(17,1935)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	2	1.57
(17,1935)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	2	1.57
(17,1913)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	1	1.57
(17,1913)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	1	1.57
(17,1913)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	1	1.57
(17,1913)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	1	1.57
(17,1913)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	1	1.57
(17,1913)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	1	1.57
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	7	1.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	7	1.57
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	7	1.57
(17,1026)	1:113:A:PHE:HA	1:116:A:GLN:HG3	4	1.57
(17,845)	1:48:A:ARG:HD2	1:49:A:LYS:HA	19	1.57
(17,845)	1:48:A:ARG:HD3	1:49:A:LYS:HA	19	1.57
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD11	3	1.57
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD12	3	1.57
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD13	3	1.57
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD21	3	1.57
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD22	3	1.57
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD23	3	1.57
(16,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	13	1.57
(16,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	13	1.57
(16,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	13	1.57
(16,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	13	1.57
(15,2332)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	10	1.57
(15,2332)	1:108:A:GLU:HB2	1:111:A:GLU:HG3	10	1.57
(15,2332)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	10	1.57
(15,2332)	1:108:A:GLU:HB3	1:111:A:GLU:HG3	10	1.57
(15,2051)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	6	1.57
(15,2051)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	6	1.57
(15,2051)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	6	1.57
(15,2051)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	6	1.57
(15,2051)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	6	1.57
(15,2051)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	6	1.57
(15,2051)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	6	1.57
(15,2051)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	6	1.57
(15,2051)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	6	1.57
(15,2051)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	6	1.57
(15,2051)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	6	1.57
(15,2051)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	6	1.57
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	9	1.57
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	9	1.57
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	9	1.57
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	9	1.57
(15,1874)	1:18:A:PHE:HE1	1:61:A:SER:H	10	1.57
(15,1874)	1:18:A:PHE:HE2	1:61:A:SER:H	10	1.57
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	5	1.57
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	5	1.57
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	5	1.57
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	5	1.57
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD21	3	1.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD22	3	1.57
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD23	3	1.57
(15,1386)	1:19:A:ALA:HB1	1:132:A:ALA:HA	7	1.57
(15,1386)	1:19:A:ALA:HB2	1:132:A:ALA:HA	7	1.57
(15,1386)	1:19:A:ALA:HB3	1:132:A:ALA:HA	7	1.57
(15,967)	1:33:A:LYS:HB2	1:80:A:TYR:HB2	12	1.57
(15,967)	1:33:A:LYS:HB3	1:80:A:TYR:HB2	12	1.57
(13,2249)	1:79:A:THR:HG21	1:81:A:GLU:HB2	18	1.57
(13,2249)	1:79:A:THR:HG21	1:81:A:GLU:HB3	18	1.57
(13,2249)	1:79:A:THR:HG22	1:81:A:GLU:HB2	18	1.57
(13,2249)	1:79:A:THR:HG22	1:81:A:GLU:HB3	18	1.57
(13,2249)	1:79:A:THR:HG23	1:81:A:GLU:HB2	18	1.57
(13,2249)	1:79:A:THR:HG23	1:81:A:GLU:HB3	18	1.57
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	5	1.57
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	5	1.57
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	5	1.57
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	5	1.57
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	5	1.57
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	5	1.57
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	5	1.57
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	5	1.57
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	5	1.57
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	5	1.57
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	5	1.57
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	5	1.57
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	5	1.57
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	5	1.57
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	5	1.57
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	5	1.57
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	5	1.57
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	5	1.57
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG11	3	1.57
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG12	3	1.57
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG13	3	1.57
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG21	3	1.57
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG22	3	1.57
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG23	3	1.57
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG11	19	1.57
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG12	19	1.57
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG13	19	1.57
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG21	19	1.57
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG22	19	1.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG23	19	1.57
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG21	11	1.57
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG22	11	1.57
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG23	11	1.57
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG21	11	1.57
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG22	11	1.57
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG23	11	1.57
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG21	11	1.57
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG22	11	1.57
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG23	11	1.57
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG21	11	1.57
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG22	11	1.57
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG23	11	1.57
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG21	11	1.57
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG22	11	1.57
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG23	11	1.57
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG21	11	1.57
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG22	11	1.57
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG23	11	1.57
(13,1846)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	3	1.57
(13,1846)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	3	1.57
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG21	6	1.57
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG22	6	1.57
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG23	6	1.57
(13,1612)	1:47:A:ALA:H	1:134:A:VAL:HG11	15	1.57
(13,1612)	1:47:A:ALA:H	1:134:A:VAL:HG12	15	1.57
(13,1612)	1:47:A:ALA:H	1:134:A:VAL:HG13	15	1.57
(13,1426)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	18	1.57
(13,1426)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	18	1.57
(13,1426)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	18	1.57
(13,877)	1:13:A:ALA:H	1:80:A:TYR:HB2	6	1.57
(11,2177)	1:46:A:ASN:HD21	1:131:A:LEU:HA	17	1.57
(11,2177)	1:46:A:ASN:HD22	1:131:A:LEU:HA	17	1.57
(11,2135)	1:39:A:VAL:HG11	1:144:A:LEU:H	3	1.57
(11,2135)	1:39:A:VAL:HG12	1:144:A:LEU:H	3	1.57
(11,2135)	1:39:A:VAL:HG13	1:144:A:LEU:H	3	1.57
(11,2135)	1:39:A:VAL:HG21	1:144:A:LEU:H	3	1.57
(11,2135)	1:39:A:VAL:HG22	1:144:A:LEU:H	3	1.57
(11,2135)	1:39:A:VAL:HG23	1:144:A:LEU:H	3	1.57
(11,1939)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	2	1.57
(11,1939)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	2	1.57
(11,1939)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	2	1.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1875)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	15	1.57
(11,1875)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	15	1.57
(11,1822)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	16	1.57
(11,1822)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	16	1.57
(11,1822)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	16	1.57
(11,1822)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	16	1.57
(11,1822)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	16	1.57
(11,1822)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	16	1.57
(11,1456)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	3	1.57
(11,1456)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	3	1.57
(11,1456)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	3	1.57
(9,2433)	1:144:A:LEU:HD11	1:148:A:CYS:H	19	1.57
(9,2433)	1:144:A:LEU:HD12	1:148:A:CYS:H	19	1.57
(9,2433)	1:144:A:LEU:HD13	1:148:A:CYS:H	19	1.57
(9,2433)	1:144:A:LEU:HD21	1:148:A:CYS:H	19	1.57
(9,2433)	1:144:A:LEU:HD22	1:148:A:CYS:H	19	1.57
(9,2433)	1:144:A:LEU:HD23	1:148:A:CYS:H	19	1.57
(9,1941)	1:10:A:ASN:HD21	1:81:A:GLU:H	17	1.57
(9,1941)	1:10:A:ASN:HD22	1:81:A:GLU:H	17	1.57
(9,1451)	1:13:A:ALA:HB1	1:78:A:HIS:HA	11	1.57
(9,1451)	1:13:A:ALA:HB2	1:78:A:HIS:HA	11	1.57
(9,1451)	1:13:A:ALA:HB3	1:78:A:HIS:HA	11	1.57
(7,1883)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	2	1.57
(7,1883)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	2	1.57
(7,1883)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	2	1.57
(7,1666)	1:43:A:MET:HE1	1:131:A:LEU:HA	10	1.57
(7,1666)	1:43:A:MET:HE2	1:131:A:LEU:HA	10	1.57
(7,1666)	1:43:A:MET:HE3	1:131:A:LEU:HA	10	1.57
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD21	5	1.57
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD22	5	1.57
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD23	5	1.57
(7,682)	1:145:A:PRO:HB2	1:148:A:CYS:H	17	1.57
(7,28)	1:13:A:ALA:H	1:40:A:LEU:HD11	2	1.57
(7,28)	1:13:A:ALA:H	1:40:A:LEU:HD12	2	1.57
(7,28)	1:13:A:ALA:H	1:40:A:LEU:HD13	2	1.57
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG2	1	1.57
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG3	1	1.57
(6,2278)	1:79:A:THR:HG21	1:81:A:GLU:HB2	18	1.57
(6,2278)	1:79:A:THR:HG21	1:81:A:GLU:HB3	18	1.57
(6,2278)	1:79:A:THR:HG22	1:81:A:GLU:HB2	18	1.57
(6,2278)	1:79:A:THR:HG22	1:81:A:GLU:HB3	18	1.57
(6,2278)	1:79:A:THR:HG23	1:81:A:GLU:HB2	18	1.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2278)	1:79:A:THR:HG23	1:81:A:GLU:HB3	18	1.57
(6,1929)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	2	1.57
(6,1929)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	2	1.57
(6,1929)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	2	1.57
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	7	1.57
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	7	1.57
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	7	1.57
(6,1699)	1:43:A:MET:HE1	1:131:A:LEU:HA	10	1.57
(6,1699)	1:43:A:MET:HE2	1:131:A:LEU:HA	10	1.57
(6,1699)	1:43:A:MET:HE3	1:131:A:LEU:HA	10	1.57
(6,956)	1:11:A:ILE:HG13	1:14:A:VAL:HB	2	1.57
(6,743)	1:43:A:MET:HE1	1:134:A:VAL:H	16	1.57
(6,743)	1:43:A:MET:HE2	1:134:A:VAL:H	16	1.57
(6,743)	1:43:A:MET:HE3	1:134:A:VAL:H	16	1.57
(6,152)	1:67:A:PRO:HD3	1:95:A:ILE:H	11	1.57
(5,2474)	1:144:A:LEU:HD11	1:148:A:CYS:H	19	1.57
(5,2474)	1:144:A:LEU:HD12	1:148:A:CYS:H	19	1.57
(5,2474)	1:144:A:LEU:HD13	1:148:A:CYS:H	19	1.57
(5,2474)	1:144:A:LEU:HD21	1:148:A:CYS:H	19	1.57
(5,2474)	1:144:A:LEU:HD22	1:148:A:CYS:H	19	1.57
(5,2474)	1:144:A:LEU:HD23	1:148:A:CYS:H	19	1.57
(5,1880)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	15	1.57
(5,1880)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	15	1.57
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	7	1.57
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	7	1.57
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	7	1.57
(5,1366)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	13	1.57
(5,1366)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	13	1.57
(5,1366)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	13	1.57
(5,1366)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	13	1.57
(5,1366)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	13	1.57
(5,1366)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	13	1.57
(5,977)	1:47:A:ALA:HB1	1:134:A:VAL:HB	11	1.57
(5,977)	1:47:A:ALA:HB2	1:134:A:VAL:HB	11	1.57
(5,977)	1:47:A:ALA:HB3	1:134:A:VAL:HB	11	1.57
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	2	1.57
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	2	1.57
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	2	1.57
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	2	1.57
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	7	1.57
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	7	1.57
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	7	1.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	7	1.57
(5,896)	1:21:A:THR:HB	1:24:A:ASP:H	12	1.57
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	8	1.57
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	8	1.57
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	8	1.57
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	8	1.57
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	8	1.57
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	8	1.57
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	8	1.57
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	8	1.57
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	8	1.57
(5,147)	1:67:A:PRO:HD3	1:95:A:ILE:H	11	1.57
(4,1867)	1:18:A:PHE:HE1	1:61:A:SER:H	10	1.57
(4,1867)	1:18:A:PHE:HE2	1:61:A:SER:H	10	1.57
(4,1677)	1:43:A:MET:HE1	1:131:A:LEU:HA	10	1.57
(4,1677)	1:43:A:MET:HE2	1:131:A:LEU:HA	10	1.57
(4,1677)	1:43:A:MET:HE3	1:131:A:LEU:HA	10	1.57
(4,1330)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	13	1.57
(4,1330)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	13	1.57
(4,1330)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	13	1.57
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD21	6	1.57
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD22	6	1.57
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD23	6	1.57
(3,2145)	1:39:A:VAL:HG11	1:144:A:LEU:H	3	1.57
(3,2145)	1:39:A:VAL:HG12	1:144:A:LEU:H	3	1.57
(3,2145)	1:39:A:VAL:HG13	1:144:A:LEU:H	3	1.57
(3,2145)	1:39:A:VAL:HG21	1:144:A:LEU:H	3	1.57
(3,2145)	1:39:A:VAL:HG22	1:144:A:LEU:H	3	1.57
(3,2145)	1:39:A:VAL:HG23	1:144:A:LEU:H	3	1.57
(3,1999)	1:12:A:VAL:HG11	1:43:A:MET:H	18	1.57
(3,1999)	1:12:A:VAL:HG12	1:43:A:MET:H	18	1.57
(3,1999)	1:12:A:VAL:HG13	1:43:A:MET:H	18	1.57
(3,1999)	1:12:A:VAL:HG21	1:43:A:MET:H	18	1.57
(3,1999)	1:12:A:VAL:HG22	1:43:A:MET:H	18	1.57
(3,1999)	1:12:A:VAL:HG23	1:43:A:MET:H	18	1.57
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	5	1.57
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	5	1.57
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	5	1.57
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	5	1.57
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	5	1.57
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	5	1.57
(3,1881)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	15	1.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1881)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	15	1.57
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	7	1.57
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	7	1.57
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	7	1.57
(3,1729)	1:43:A:MET:HE1	1:131:A:LEU:HA	10	1.57
(3,1729)	1:43:A:MET:HE2	1:131:A:LEU:HA	10	1.57
(3,1729)	1:43:A:MET:HE3	1:131:A:LEU:HA	10	1.57
(3,1414)	1:19:A:ALA:HB1	1:132:A:ALA:HA	7	1.57
(3,1414)	1:19:A:ALA:HB2	1:132:A:ALA:HA	7	1.57
(3,1414)	1:19:A:ALA:HB3	1:132:A:ALA:HA	7	1.57
(3,1278)	1:9:A:PHE:HD1	1:40:A:LEU:HD21	11	1.57
(3,1278)	1:9:A:PHE:HD1	1:40:A:LEU:HD22	11	1.57
(3,1278)	1:9:A:PHE:HD1	1:40:A:LEU:HD23	11	1.57
(3,1278)	1:9:A:PHE:HD2	1:40:A:LEU:HD21	11	1.57
(3,1278)	1:9:A:PHE:HD2	1:40:A:LEU:HD22	11	1.57
(3,1278)	1:9:A:PHE:HD2	1:40:A:LEU:HD23	11	1.57
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD21	4	1.57
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD22	4	1.57
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD23	4	1.57
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD21	14	1.57
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD22	14	1.57
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD23	14	1.57
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD21	14	1.57
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD22	14	1.57
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD23	14	1.57
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD21	14	1.57
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD22	14	1.57
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD23	14	1.57
(3,720)	1:44:A:GLU:HB2	1:48:A:ARG:HE	9	1.57
(3,720)	1:44:A:GLU:HB3	1:48:A:ARG:HE	9	1.57
(3,692)	1:145:A:PRO:HB3	1:148:A:CYS:H	17	1.57
(2,1880)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	15	1.57
(2,1880)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	15	1.57
(1,2056)	1:31:A:PRO:HD2	1:143:A:TRP:HA	17	1.57
(1,2056)	1:31:A:PRO:HD3	1:143:A:TRP:HA	17	1.57
(1,2028)	1:23:A:LEU:HD11	1:27:A:ARG:HA	14	1.57
(1,2028)	1:23:A:LEU:HD12	1:27:A:ARG:HA	14	1.57
(1,2028)	1:23:A:LEU:HD13	1:27:A:ARG:HA	14	1.57
(1,2028)	1:23:A:LEU:HD21	1:27:A:ARG:HA	14	1.57
(1,2028)	1:23:A:LEU:HD22	1:27:A:ARG:HA	14	1.57
(1,2028)	1:23:A:LEU:HD23	1:27:A:ARG:HA	14	1.57
(1,1638)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	10	1.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1449)	1:31:A:PRO:HD3	1:143:A:TRP:HA	10	1.57
(1,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	15	1.57
(1,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	15	1.57
(1,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	15	1.57
(1,849)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	4	1.57
(1,849)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	4	1.57
(1,849)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	4	1.57
(1,849)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	4	1.57
(1,849)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	4	1.57
(1,849)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	4	1.57
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	19	1.56
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	19	1.56
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	19	1.56
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	19	1.56
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	19	1.56
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	19	1.56
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	19	1.56
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	19	1.56
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	19	1.56
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	19	1.56
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	19	1.56
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	19	1.56
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	19	1.56
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	19	1.56
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	19	1.56
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	19	1.56
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	19	1.56
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	19	1.56
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	9	1.56
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	9	1.56
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	9	1.56
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	9	1.56
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	9	1.56
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	9	1.56
(34,1661)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	11	1.56
(34,1661)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	11	1.56
(34,1661)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	11	1.56
(34,1524)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	17	1.56
(34,1524)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	17	1.56
(34,1524)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	17	1.56
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	13	1.56
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	13	1.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	13	1.56
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD11	10	1.56
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD12	10	1.56
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD13	10	1.56
(34,764)	1:37:A:LEU:H	1:40:A:LEU:HB3	19	1.56
(34,269)	1:27:A:ARG:HB3	1:29:A:LYS:H	17	1.56
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD11	8	1.56
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD12	8	1.56
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD13	8	1.56
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD21	8	1.56
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD22	8	1.56
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD23	8	1.56
(33,1863)	1:9:A:PHE:HE1	1:14:A:VAL:HB	9	1.56
(33,1863)	1:9:A:PHE:HE2	1:14:A:VAL:HB	9	1.56
(33,1729)	1:19:A:ALA:H	1:132:A:ALA:HA	10	1.56
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG21	18	1.56
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG22	18	1.56
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG23	18	1.56
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG21	18	1.56
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG22	18	1.56
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG23	18	1.56
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG21	18	1.56
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG22	18	1.56
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG23	18	1.56
(33,1692)	1:43:A:MET:HE1	1:137:A:SER:H	8	1.56
(33,1692)	1:43:A:MET:HE2	1:137:A:SER:H	8	1.56
(33,1692)	1:43:A:MET:HE3	1:137:A:SER:H	8	1.56
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB1	10	1.56
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB2	10	1.56
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB3	10	1.56
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG21	18	1.56
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG22	18	1.56
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG23	18	1.56
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG21	18	1.56
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG22	18	1.56
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG23	18	1.56
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG21	18	1.56
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG22	18	1.56
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG23	18	1.56
(32,1611)	1:132:A:ALA:HA	1:134:A:VAL:HG21	8	1.56
(32,1611)	1:132:A:ALA:HA	1:134:A:VAL:HG22	8	1.56
(32,1611)	1:132:A:ALA:HA	1:134:A:VAL:HG23	8	1.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,823)	1:43:A:MET:HE1	1:131:A:LEU:HB3	2	1.56
(32,823)	1:43:A:MET:HE2	1:131:A:LEU:HB3	2	1.56
(32,823)	1:43:A:MET:HE3	1:131:A:LEU:HB3	2	1.56
(32,823)	1:43:A:MET:HE1	1:131:A:LEU:HB3	16	1.56
(32,823)	1:43:A:MET:HE2	1:131:A:LEU:HB3	16	1.56
(32,823)	1:43:A:MET:HE3	1:131:A:LEU:HB3	16	1.56
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE1	14	1.56
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE2	14	1.56
(30,1374)	1:132:A:ALA:HA	1:134:A:VAL:HG21	8	1.56
(30,1374)	1:132:A:ALA:HA	1:134:A:VAL:HG22	8	1.56
(30,1374)	1:132:A:ALA:HA	1:134:A:VAL:HG23	8	1.56
(30,989)	1:35:A:LEU:HG	1:143:A:TRP:HB3	13	1.56
(30,581)	1:129:A:LYS:HG2	1:130:A:GLY:H	19	1.56
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	9	1.56
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	9	1.56
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	9	1.56
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	9	1.56
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	9	1.56
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	9	1.56
(29,1676)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	6	1.56
(29,1676)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	6	1.56
(29,1676)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	6	1.56
(29,1676)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	6	1.56
(29,1676)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	6	1.56
(29,1676)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	6	1.56
(29,1676)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	6	1.56
(29,1676)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	6	1.56
(29,1676)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	6	1.56
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	14	1.56
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	14	1.56
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	14	1.56
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	14	1.56
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	14	1.56
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	14	1.56
(29,1483)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	14	1.56
(29,1383)	1:132:A:ALA:HA	1:134:A:VAL:HG21	8	1.56
(29,1383)	1:132:A:ALA:HA	1:134:A:VAL:HG22	8	1.56
(29,1383)	1:132:A:ALA:HA	1:134:A:VAL:HG23	8	1.56
(29,1372)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	11	1.56
(29,1372)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	11	1.56
(29,1372)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	11	1.56
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD11	8	1.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD12	8	1.56
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD13	8	1.56
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD21	8	1.56
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD22	8	1.56
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD23	8	1.56
(18,2026)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	12	1.56
(18,2026)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	12	1.56
(18,2026)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	12	1.56
(18,2026)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	12	1.56
(18,2026)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	12	1.56
(18,2026)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	12	1.56
(18,1775)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	18	1.56
(18,1775)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	18	1.56
(18,1775)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	18	1.56
(18,1775)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	18	1.56
(18,1499)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	17	1.56
(18,1499)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	17	1.56
(18,1499)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	17	1.56
(18,1465)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	14	1.56
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	13	1.56
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	13	1.56
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	13	1.56
(18,75)	1:63:A:ILE:HG21	1:117:A:VAL:H	17	1.56
(18,75)	1:63:A:ILE:HG22	1:117:A:VAL:H	17	1.56
(18,75)	1:63:A:ILE:HG23	1:117:A:VAL:H	17	1.56
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	9	1.56
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	9	1.56
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	9	1.56
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	9	1.56
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	9	1.56
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	9	1.56
(17,1669)	1:132:A:ALA:HA	1:134:A:VAL:HG21	6	1.56
(17,1669)	1:132:A:ALA:HA	1:134:A:VAL:HG22	6	1.56
(17,1669)	1:132:A:ALA:HA	1:134:A:VAL:HG23	6	1.56
(17,1532)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	17	1.56
(17,1532)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	17	1.56
(17,1532)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	17	1.56
(17,1377)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	11	1.56
(17,1377)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	11	1.56
(17,1377)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	11	1.56
(17,260)	1:27:A:ARG:HB3	1:29:A:LYS:H	17	1.56
(16,2339)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	13	1.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2339)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	13	1.56
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG11	5	1.56
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG12	5	1.56
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG13	5	1.56
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG21	5	1.56
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG22	5	1.56
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG23	5	1.56
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG11	5	1.56
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG12	5	1.56
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG13	5	1.56
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG21	5	1.56
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG22	5	1.56
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG23	5	1.56
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	9	1.56
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	9	1.56
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	9	1.56
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	9	1.56
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	9	1.56
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	9	1.56
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	18	1.56
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	18	1.56
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	18	1.56
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	18	1.56
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	18	1.56
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	18	1.56
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	18	1.56
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	18	1.56
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	18	1.56
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	18	1.56
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	18	1.56
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	18	1.56
(16,1834)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	11	1.56
(16,1834)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	11	1.56
(16,1834)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	11	1.56
(16,1834)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	11	1.56
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG21	18	1.56
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG22	18	1.56
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG23	18	1.56
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG21	18	1.56
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG22	18	1.56
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG23	18	1.56
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG21	18	1.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG22	18	1.56
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG23	18	1.56
(16,1626)	1:27:A:ARG:HA	1:30:A:LEU:H	2	1.56
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	14	1.56
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	14	1.56
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	14	1.56
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	14	1.56
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	14	1.56
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	14	1.56
(16,1380)	1:132:A:ALA:HA	1:134:A:VAL:HG21	8	1.56
(16,1380)	1:132:A:ALA:HA	1:134:A:VAL:HG22	8	1.56
(16,1380)	1:132:A:ALA:HA	1:134:A:VAL:HG23	8	1.56
(16,1369)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	11	1.56
(16,1369)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	11	1.56
(16,1369)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	11	1.56
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG21	4	1.56
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG22	4	1.56
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG23	4	1.56
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG21	10	1.56
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG22	10	1.56
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG23	10	1.56
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	9	1.56
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	9	1.56
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	9	1.56
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	9	1.56
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	9	1.56
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	9	1.56
(15,1649)	1:132:A:ALA:HA	1:134:A:VAL:HG21	8	1.56
(15,1649)	1:132:A:ALA:HA	1:134:A:VAL:HG22	8	1.56
(15,1649)	1:132:A:ALA:HA	1:134:A:VAL:HG23	8	1.56
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	14	1.56
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	14	1.56
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	14	1.56
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	14	1.56
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	14	1.56
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	14	1.56
(15,1468)	1:95:A:ILE:HG21	1:97:A:ASP:H	5	1.56
(15,1468)	1:95:A:ILE:HG22	1:97:A:ASP:H	5	1.56
(15,1468)	1:95:A:ILE:HG23	1:97:A:ASP:H	5	1.56
(15,920)	1:125:A:THR:HB	1:128:A:LEU:HG	19	1.56
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	15	1.56
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	15	1.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	15	1.56
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	15	1.56
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	15	1.56
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	15	1.56
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	15	1.56
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	15	1.56
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	15	1.56
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	7	1.56
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	7	1.56
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	7	1.56
(13,571)	1:148:A:CYS:HA	1:150:A:THR:H	2	1.56
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	6	1.56
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	6	1.56
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	6	1.56
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	6	1.56
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	6	1.56
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	6	1.56
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	6	1.56
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	6	1.56
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	6	1.56
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	6	1.56
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	6	1.56
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	6	1.56
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	6	1.56
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	6	1.56
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	6	1.56
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	6	1.56
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	6	1.56
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	6	1.56
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	11	1.56
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	11	1.56
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	11	1.56
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	11	1.56
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	11	1.56
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	11	1.56
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	11	1.56
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	11	1.56
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	11	1.56
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	11	1.56
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	11	1.56
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	11	1.56
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	11	1.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	11	1.56
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	11	1.56
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	11	1.56
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	11	1.56
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	11	1.56
(11,2177)	1:46:A:ASN:HD21	1:131:A:LEU:HA	19	1.56
(11,2177)	1:46:A:ASN:HD22	1:131:A:LEU:HA	19	1.56
(11,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	7	1.56
(11,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	7	1.56
(11,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	7	1.56
(11,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	7	1.56
(11,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	7	1.56
(11,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	7	1.56
(11,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	7	1.56
(11,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	7	1.56
(11,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	7	1.56
(11,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	7	1.56
(11,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	7	1.56
(11,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	7	1.56
(11,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	14	1.56
(11,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	14	1.56
(11,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	14	1.56
(11,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	14	1.56
(11,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	14	1.56
(11,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	14	1.56
(11,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	14	1.56
(11,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	14	1.56
(11,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	14	1.56
(11,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	14	1.56
(11,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	14	1.56
(11,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	14	1.56
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	8	1.56
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	8	1.56
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	8	1.56
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	11	1.56
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	11	1.56
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	11	1.56
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	11	1.56
(11,1921)	1:150:A:THR:H	1:151:A:PHE:HD1	14	1.56
(11,1921)	1:150:A:THR:H	1:151:A:PHE:HD2	14	1.56
(11,1529)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	17	1.56
(11,1529)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	17	1.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1529)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	17	1.56
(11,1361)	1:105:A:LYS:HD2	1:106:A:ASP:HA	16	1.56
(11,1361)	1:105:A:LYS:HD3	1:106:A:ASP:HA	16	1.56
(11,577)	1:148:A:CYS:HA	1:150:A:THR:H	2	1.56
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG11	13	1.56
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG12	13	1.56
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG13	13	1.56
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG21	13	1.56
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG22	13	1.56
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG23	13	1.56
(9,1749)	1:39:A:VAL:HB	1:139:A:LEU:HA	7	1.56
(9,1644)	1:132:A:ALA:HA	1:134:A:VAL:HG21	8	1.56
(9,1644)	1:132:A:ALA:HA	1:134:A:VAL:HG22	8	1.56
(9,1644)	1:132:A:ALA:HA	1:134:A:VAL:HG23	8	1.56
(9,1504)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	17	1.56
(9,1504)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	17	1.56
(9,1504)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	17	1.56
(9,1451)	1:13:A:ALA:HB1	1:78:A:HIS:HA	1	1.56
(9,1451)	1:13:A:ALA:HB2	1:78:A:HIS:HA	1	1.56
(9,1451)	1:13:A:ALA:HB3	1:78:A:HIS:HA	1	1.56
(9,757)	1:37:A:LEU:H	1:40:A:LEU:HB3	19	1.56
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD11	8	1.56
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD12	8	1.56
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD13	8	1.56
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD21	8	1.56
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD22	8	1.56
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD23	8	1.56
(7,1452)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	14	1.56
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	15	1.56
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	15	1.56
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	15	1.56
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD11	2	1.56
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD12	2	1.56
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD13	2	1.56
(7,233)	1:44:A:GLU:HG3	1:48:A:ARG:H	19	1.56
(6,1698)	1:43:A:MET:HE1	1:137:A:SER:H	8	1.56
(6,1698)	1:43:A:MET:HE2	1:137:A:SER:H	8	1.56
(6,1698)	1:43:A:MET:HE3	1:137:A:SER:H	8	1.56
(6,1504)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	17	1.56
(6,1504)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	17	1.56
(6,1504)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	17	1.56
(6,836)	1:43:A:MET:HE1	1:131:A:LEU:HB3	2	1.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,836)	1:43:A:MET:HE2	1:131:A:LEU:HB3	2	1.56
(6,836)	1:43:A:MET:HE3	1:131:A:LEU:HB3	2	1.56
(6,836)	1:43:A:MET:HE1	1:131:A:LEU:HB3	16	1.56
(6,836)	1:43:A:MET:HE2	1:131:A:LEU:HB3	16	1.56
(6,836)	1:43:A:MET:HE3	1:131:A:LEU:HB3	16	1.56
(6,230)	1:44:A:GLU:HG3	1:48:A:ARG:H	19	1.56
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD1	11	1.56
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD2	11	1.56
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD1	11	1.56
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD2	11	1.56
(5,1526)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	17	1.56
(5,1526)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	17	1.56
(5,1526)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	17	1.56
(5,1395)	1:132:A:ALA:HA	1:134:A:VAL:HG21	8	1.56
(5,1395)	1:132:A:ALA:HA	1:134:A:VAL:HG22	8	1.56
(5,1395)	1:132:A:ALA:HA	1:134:A:VAL:HG23	8	1.56
(5,1349)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	9	1.56
(5,1349)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	9	1.56
(5,1349)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	9	1.56
(5,1349)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	9	1.56
(5,1349)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	9	1.56
(5,1349)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	9	1.56
(5,1349)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	9	1.56
(5,1349)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	9	1.56
(5,1349)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	9	1.56
(5,1137)	1:40:A:LEU:HA	1:44:A:GLU:HG3	9	1.56
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	13	1.56
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	13	1.56
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	13	1.56
(5,257)	1:27:A:ARG:HB3	1:29:A:LYS:H	17	1.56
(5,52)	1:47:A:ALA:H	1:134:A:VAL:HG11	8	1.56
(5,52)	1:47:A:ALA:H	1:134:A:VAL:HG12	8	1.56
(5,52)	1:47:A:ALA:H	1:134:A:VAL:HG13	8	1.56
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD11	10	1.56
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD12	10	1.56
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD13	10	1.56
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD21	10	1.56
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD22	10	1.56
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD23	10	1.56
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	5	1.56
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	5	1.56
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	5	1.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	5	1.56
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	5	1.56
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	5	1.56
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	5	1.56
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	5	1.56
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	5	1.56
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	5	1.56
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	5	1.56
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	5	1.56
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG21	18	1.56
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG22	18	1.56
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG23	18	1.56
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG21	18	1.56
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG22	18	1.56
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG23	18	1.56
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG21	18	1.56
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG22	18	1.56
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG23	18	1.56
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE1	4	1.56
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE2	4	1.56
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE3	4	1.56
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE1	4	1.56
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE2	4	1.56
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE3	4	1.56
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE1	4	1.56
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE2	4	1.56
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE3	4	1.56
(4,1489)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	17	1.56
(4,1489)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	17	1.56
(4,1489)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	17	1.56
(4,841)	1:43:A:MET:HE1	1:131:A:LEU:HB3	2	1.56
(4,841)	1:43:A:MET:HE2	1:131:A:LEU:HB3	2	1.56
(4,841)	1:43:A:MET:HE3	1:131:A:LEU:HB3	2	1.56
(4,841)	1:43:A:MET:HE1	1:131:A:LEU:HB3	16	1.56
(4,841)	1:43:A:MET:HE2	1:131:A:LEU:HB3	16	1.56
(4,841)	1:43:A:MET:HE3	1:131:A:LEU:HB3	16	1.56
(4,225)	1:44:A:GLU:HG3	1:48:A:ARG:H	19	1.56
(3,2044)	1:17:A:ASN:HD21	1:78:A:HIS:H	16	1.56
(3,2044)	1:17:A:ASN:HD22	1:78:A:HIS:H	16	1.56
(3,1758)	1:19:A:ALA:HB1	1:21:A:THR:HG21	6	1.56
(3,1758)	1:19:A:ALA:HB1	1:21:A:THR:HG22	6	1.56
(3,1758)	1:19:A:ALA:HB1	1:21:A:THR:HG23	6	1.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1758)	1:19:A:ALA:HB2	1:21:A:THR:HG21	6	1.56
(3,1758)	1:19:A:ALA:HB2	1:21:A:THR:HG22	6	1.56
(3,1758)	1:19:A:ALA:HB2	1:21:A:THR:HG23	6	1.56
(3,1758)	1:19:A:ALA:HB3	1:21:A:THR:HG21	6	1.56
(3,1758)	1:19:A:ALA:HB3	1:21:A:THR:HG22	6	1.56
(3,1758)	1:19:A:ALA:HB3	1:21:A:THR:HG23	6	1.56
(3,1689)	1:69:A:MET:HE1	1:116:A:GLN:HG3	1	1.56
(3,1689)	1:69:A:MET:HE2	1:116:A:GLN:HG3	1	1.56
(3,1689)	1:69:A:MET:HE3	1:116:A:GLN:HG3	1	1.56
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD21	6	1.56
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD22	6	1.56
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD23	6	1.56
(3,1531)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	17	1.56
(3,1531)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	17	1.56
(3,1531)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	17	1.56
(2,1920)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	18	1.56
(2,1920)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	18	1.56
(2,1920)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	18	1.56
(2,1920)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	18	1.56
(2,1920)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	18	1.56
(2,1920)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	18	1.56
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	3	1.56
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	3	1.56
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	3	1.56
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	3	1.56
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	3	1.56
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	3	1.56
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	3	1.56
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	3	1.56
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	3	1.56
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	14	1.56
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	14	1.56
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	14	1.56
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	14	1.56
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	14	1.56
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	14	1.56
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD21	16	1.56
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD22	16	1.56
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD23	16	1.56
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD21	16	1.56
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD22	16	1.56
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD23	16	1.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD21	16	1.56
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD22	16	1.56
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD23	16	1.56
(2,754)	1:37:A:LEU:H	1:40:A:LEU:HB3	19	1.56
(2,479)	1:145:A:PRO:HB2	1:148:A:CYS:H	2	1.56
(2,261)	1:27:A:ARG:HB3	1:29:A:LYS:H	17	1.56
(1,1483)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	14	1.56
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	15	1.56
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	15	1.56
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	15	1.56
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	15	1.56
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	15	1.56
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	15	1.56
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	15	1.56
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	15	1.56
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	15	1.56
(1,772)	1:37:A:LEU:H	1:40:A:LEU:HB3	19	1.56
(34,2135)	1:40:A:LEU:HD11	1:41:A:LYS:HA	19	1.55
(34,2135)	1:40:A:LEU:HD12	1:41:A:LYS:HA	19	1.55
(34,2135)	1:40:A:LEU:HD13	1:41:A:LYS:HA	19	1.55
(34,2135)	1:40:A:LEU:HD21	1:41:A:LYS:HA	19	1.55
(34,2135)	1:40:A:LEU:HD22	1:41:A:LYS:HA	19	1.55
(34,2135)	1:40:A:LEU:HD23	1:41:A:LYS:HA	19	1.55
(34,1972)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	16	1.55
(34,1972)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	16	1.55
(34,1972)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	16	1.55
(34,1972)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	16	1.55
(34,1972)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	16	1.55
(34,1972)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	16	1.55
(34,1972)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	16	1.55
(34,1972)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	16	1.55
(34,1972)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	16	1.55
(34,1972)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	16	1.55
(34,1972)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	16	1.55
(34,1972)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	16	1.55
(34,1904)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	11	1.55
(34,1904)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	11	1.55
(34,1904)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	11	1.55
(34,1904)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	11	1.55
(34,1904)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	11	1.55
(34,1904)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	11	1.55
(34,1735)	1:19:A:ALA:HB1	1:21:A:THR:HG21	6	1.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1735)	1:19:A:ALA:HB1	1:21:A:THR:HG22	6	1.55
(34,1735)	1:19:A:ALA:HB1	1:21:A:THR:HG23	6	1.55
(34,1735)	1:19:A:ALA:HB2	1:21:A:THR:HG21	6	1.55
(34,1735)	1:19:A:ALA:HB2	1:21:A:THR:HG22	6	1.55
(34,1735)	1:19:A:ALA:HB2	1:21:A:THR:HG23	6	1.55
(34,1735)	1:19:A:ALA:HB3	1:21:A:THR:HG21	6	1.55
(34,1735)	1:19:A:ALA:HB3	1:21:A:THR:HG22	6	1.55
(34,1735)	1:19:A:ALA:HB3	1:21:A:THR:HG23	6	1.55
(34,1631)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	5	1.55
(34,1631)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	5	1.55
(34,1631)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	5	1.55
(34,1631)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	5	1.55
(34,1631)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	5	1.55
(34,1631)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	5	1.55
(34,1275)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	19	1.55
(34,1275)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	19	1.55
(34,1275)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	19	1.55
(34,1275)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	19	1.55
(34,1275)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	19	1.55
(34,1275)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	19	1.55
(34,764)	1:37:A:LEU:H	1:40:A:LEU:HB3	11	1.55
(34,269)	1:27:A:ARG:HB3	1:29:A:LYS:H	3	1.55
(33,1893)	1:18:A:PHE:HE1	1:117:A:VAL:HA	17	1.55
(33,1893)	1:18:A:PHE:HE2	1:117:A:VAL:HA	17	1.55
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG21	11	1.55
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG22	11	1.55
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG23	11	1.55
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG21	11	1.55
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG22	11	1.55
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG23	11	1.55
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG21	11	1.55
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG22	11	1.55
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG23	11	1.55
(33,1329)	1:106:A:ASP:HA	1:112:A:GLN:HE21	7	1.55
(33,971)	1:141:A:LYS:HB2	1:149:A:ALA:HA	11	1.55
(33,971)	1:141:A:LYS:HB3	1:149:A:ALA:HA	11	1.55
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG2	15	1.55
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	15	1.55
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG2	15	1.55
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	15	1.55
(32,2059)	1:35:A:LEU:HD11	1:80:A:TYR:HB3	6	1.55
(32,2059)	1:35:A:LEU:HD12	1:80:A:TYR:HB3	6	1.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2059)	1:35:A:LEU:HD13	1:80:A:TYR:HB3	6	1.55
(32,2059)	1:35:A:LEU:HD21	1:80:A:TYR:HB3	6	1.55
(32,2059)	1:35:A:LEU:HD22	1:80:A:TYR:HB3	6	1.55
(32,2059)	1:35:A:LEU:HD23	1:80:A:TYR:HB3	6	1.55
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG21	11	1.55
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG22	11	1.55
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG23	11	1.55
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG21	11	1.55
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG22	11	1.55
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG23	11	1.55
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG21	11	1.55
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG22	11	1.55
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG23	11	1.55
(32,1653)	1:43:A:MET:HE1	1:131:A:LEU:HA	2	1.55
(32,1653)	1:43:A:MET:HE2	1:131:A:LEU:HA	2	1.55
(32,1653)	1:43:A:MET:HE3	1:131:A:LEU:HA	2	1.55
(32,1297)	1:106:A:ASP:HA	1:112:A:GLN:HE21	7	1.55
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD11	9	1.55
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD12	9	1.55
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD13	9	1.55
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD21	9	1.55
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD22	9	1.55
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD23	9	1.55
(30,1908)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	5	1.55
(30,1908)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	5	1.55
(30,1908)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	5	1.55
(30,1908)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	5	1.55
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	1	1.55
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	1	1.55
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	1	1.55
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	1	1.55
(30,1844)	1:13:A:ALA:HA	1:80:A:TYR:HE1	6	1.55
(30,1844)	1:13:A:ALA:HA	1:80:A:TYR:HE2	6	1.55
(30,1618)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	5	1.55
(30,1618)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	5	1.55
(30,1618)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	5	1.55
(30,1618)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	5	1.55
(30,1618)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	5	1.55
(30,1618)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	5	1.55
(30,755)	1:37:A:LEU:H	1:40:A:LEU:HB3	17	1.55
(30,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	6	1.55
(30,59)	1:34:A:LYS:H	1:81:A:GLU:H	10	1.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD11	9	1.55
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD12	9	1.55
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD13	9	1.55
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD21	9	1.55
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD22	9	1.55
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD23	9	1.55
(29,2078)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	4	1.55
(29,2078)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	4	1.55
(29,2078)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	4	1.55
(29,2078)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	4	1.55
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD11	8	1.55
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD12	8	1.55
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD13	8	1.55
(19,6)	1:123:A:CYS:SG	1:52:A:CYS:CB	9	1.55
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	8	1.55
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	8	1.55
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	8	1.55
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	8	1.55
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	8	1.55
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	8	1.55
(18,1643)	1:69:A:MET:HE1	1:116:A:GLN:HG3	16	1.55
(18,1643)	1:69:A:MET:HE2	1:116:A:GLN:HG3	16	1.55
(18,1643)	1:69:A:MET:HE3	1:116:A:GLN:HG3	16	1.55
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	8	1.55
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	8	1.55
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	8	1.55
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	8	1.55
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	8	1.55
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	8	1.55
(18,671)	1:101:A:ILE:HB	1:103:A:ARG:H	3	1.55
(17,2170)	1:43:A:MET:HE1	1:144:A:LEU:HB2	5	1.55
(17,2170)	1:43:A:MET:HE1	1:144:A:LEU:HB3	5	1.55
(17,2170)	1:43:A:MET:HE2	1:144:A:LEU:HB2	5	1.55
(17,2170)	1:43:A:MET:HE2	1:144:A:LEU:HB3	5	1.55
(17,2170)	1:43:A:MET:HE3	1:144:A:LEU:HB2	5	1.55
(17,2170)	1:43:A:MET:HE3	1:144:A:LEU:HB3	5	1.55
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	11	1.55
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	11	1.55
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	11	1.55
(17,260)	1:27:A:ARG:HB3	1:29:A:LYS:H	3	1.55
(16,2339)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	4	1.55
(16,2339)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	4	1.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1962)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	16	1.55
(16,1962)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	16	1.55
(16,1962)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	16	1.55
(16,1962)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	16	1.55
(16,1962)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	16	1.55
(16,1962)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	16	1.55
(16,1962)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	16	1.55
(16,1962)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	16	1.55
(16,1962)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	16	1.55
(16,1962)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	16	1.55
(16,1962)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	16	1.55
(16,1962)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	16	1.55
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	8	1.55
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	8	1.55
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	8	1.55
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	8	1.55
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	8	1.55
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	8	1.55
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	11	1.55
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	11	1.55
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	11	1.55
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG21	11	1.55
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG22	11	1.55
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG23	11	1.55
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG21	11	1.55
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG22	11	1.55
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG23	11	1.55
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG21	11	1.55
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG22	11	1.55
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG23	11	1.55
(15,2332)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	9	1.55
(15,2332)	1:108:A:GLU:HB2	1:111:A:GLU:HG3	9	1.55
(15,2332)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	9	1.55
(15,2332)	1:108:A:GLU:HB3	1:111:A:GLU:HG3	9	1.55
(15,1939)	1:11:A:ILE:HG13	1:44:A:GLU:HG2	18	1.55
(15,1939)	1:11:A:ILE:HG13	1:44:A:GLU:HG3	18	1.55
(15,1609)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	5	1.55
(15,1609)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	5	1.55
(15,1609)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	5	1.55
(15,1609)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	5	1.55
(15,1609)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	5	1.55
(15,1609)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	5	1.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1575)	1:98:A:ILE:HD11	1:115:A:ALA:H	17	1.55
(15,1575)	1:98:A:ILE:HD12	1:115:A:ALA:H	17	1.55
(15,1575)	1:98:A:ILE:HD13	1:115:A:ALA:H	17	1.55
(15,1327)	1:106:A:ASP:HA	1:112:A:GLN:HE21	7	1.55
(15,920)	1:125:A:THR:HB	1:128:A:LEU:HG	1	1.55
(15,63)	1:34:A:LYS:H	1:81:A:GLU:H	10	1.55
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE21	7	1.55
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE22	7	1.55
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE21	7	1.55
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE22	7	1.55
(13,1932)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	16	1.55
(13,1932)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	16	1.55
(13,1932)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	16	1.55
(13,1932)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	16	1.55
(13,1932)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	16	1.55
(13,1932)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	16	1.55
(13,1932)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	16	1.55
(13,1932)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	16	1.55
(13,1932)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	16	1.55
(13,1932)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	16	1.55
(13,1932)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	16	1.55
(13,1932)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	16	1.55
(13,1848)	1:64:A:LYS:HD2	1:104:A:PHE:HZ	12	1.55
(13,1848)	1:64:A:LYS:HD3	1:104:A:PHE:HZ	12	1.55
(13,1846)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	11	1.55
(13,1846)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	11	1.55
(13,1586)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	5	1.55
(13,1586)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	5	1.55
(13,1586)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	5	1.55
(13,1586)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	5	1.55
(13,1586)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	5	1.55
(13,1586)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	5	1.55
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG11	17	1.55
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG12	17	1.55
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG13	17	1.55
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	17	1.55
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	17	1.55
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	17	1.55
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	17	1.55
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	17	1.55
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	17	1.55
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	17	1.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	17	1.55
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	17	1.55
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	17	1.55
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	17	1.55
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	17	1.55
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	17	1.55
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	17	1.55
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	17	1.55
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	17	1.55
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	17	1.55
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	17	1.55
(11,2004)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	2	1.55
(11,2004)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	2	1.55
(11,2004)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	2	1.55
(11,2004)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	2	1.55
(11,2004)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	2	1.55
(11,2004)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	2	1.55
(11,1993)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	16	1.55
(11,1993)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	16	1.55
(11,1993)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	16	1.55
(11,1993)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	16	1.55
(11,1993)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	16	1.55
(11,1993)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	16	1.55
(11,1993)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	16	1.55
(11,1993)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	16	1.55
(11,1993)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	16	1.55
(11,1993)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	16	1.55
(11,1993)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	16	1.55
(11,1993)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	16	1.55
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD21	1	1.55
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD22	1	1.55
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD23	1	1.55
(11,64)	1:34:A:LYS:H	1:81:A:GLU:H	10	1.55
(9,2041)	1:31:A:PRO:HD2	1:144:A:LEU:HA	2	1.55
(9,2041)	1:31:A:PRO:HD3	1:144:A:LEU:HA	2	1.55
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	11	1.55
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	11	1.55
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	11	1.55
(9,1692)	1:43:A:MET:HE1	1:131:A:LEU:HA	2	1.55
(9,1692)	1:43:A:MET:HE2	1:131:A:LEU:HA	2	1.55
(9,1692)	1:43:A:MET:HE3	1:131:A:LEU:HA	2	1.55
(9,1608)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	5	1.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1608)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	5	1.55
(9,1608)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	5	1.55
(9,1608)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	5	1.55
(9,1608)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	5	1.55
(9,1608)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	5	1.55
(9,1441)	1:145:A:PRO:HD2	1:147:A:ARG:H	6	1.55
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD11	8	1.55
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD12	8	1.55
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD13	8	1.55
(9,1066)	1:54:A:ARG:HA	1:58:A:ILE:HG13	10	1.55
(9,1066)	1:54:A:ARG:HA	1:58:A:ILE:HG13	12	1.55
(9,1027)	1:60:A:LEU:H	1:63:A:ILE:HG13	17	1.55
(9,757)	1:37:A:LEU:H	1:40:A:LEU:HB3	11	1.55
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG11	18	1.55
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG12	18	1.55
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG13	18	1.55
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG21	18	1.55
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG22	18	1.55
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG23	18	1.55
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG11	18	1.55
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG12	18	1.55
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG13	18	1.55
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG21	18	1.55
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG22	18	1.55
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG23	18	1.55
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG11	18	1.55
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG12	18	1.55
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG13	18	1.55
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG21	18	1.55
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG22	18	1.55
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG23	18	1.55
(7,2047)	1:35:A:LEU:HD11	1:80:A:TYR:HB3	6	1.55
(7,2047)	1:35:A:LEU:HD12	1:80:A:TYR:HB3	6	1.55
(7,2047)	1:35:A:LEU:HD13	1:80:A:TYR:HB3	6	1.55
(7,2047)	1:35:A:LEU:HD21	1:80:A:TYR:HB3	6	1.55
(7,2047)	1:35:A:LEU:HD22	1:80:A:TYR:HB3	6	1.55
(7,2047)	1:35:A:LEU:HD23	1:80:A:TYR:HB3	6	1.55
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	7	1.55
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	7	1.55
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	7	1.55
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	7	1.55
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	7	1.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	7	1.55
(7,1589)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	5	1.55
(7,1589)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	5	1.55
(7,1589)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	5	1.55
(7,1589)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	5	1.55
(7,1589)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	5	1.55
(7,1589)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	5	1.55
(7,795)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	7	1.55
(7,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	6	1.55
(6,2001)	1:14:A:VAL:HG11	1:18:A:PHE:HB2	6	1.55
(6,2001)	1:14:A:VAL:HG12	1:18:A:PHE:HB2	6	1.55
(6,2001)	1:14:A:VAL:HG13	1:18:A:PHE:HB2	6	1.55
(6,2001)	1:14:A:VAL:HG21	1:18:A:PHE:HB2	6	1.55
(6,2001)	1:14:A:VAL:HG22	1:18:A:PHE:HB2	6	1.55
(6,2001)	1:14:A:VAL:HG23	1:18:A:PHE:HB2	6	1.55
(6,1981)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	16	1.55
(6,1981)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	16	1.55
(6,1981)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	16	1.55
(6,1981)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	16	1.55
(6,1981)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	16	1.55
(6,1981)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	16	1.55
(6,1981)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	16	1.55
(6,1981)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	16	1.55
(6,1981)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	16	1.55
(6,1981)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	16	1.55
(6,1981)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	16	1.55
(6,1981)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	16	1.55
(6,1980)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	7	1.55
(6,1980)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	7	1.55
(6,1980)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	7	1.55
(6,1980)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	7	1.55
(6,1980)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	7	1.55
(6,1980)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	7	1.55
(6,1980)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	7	1.55
(6,1980)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	7	1.55
(6,1980)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	7	1.55
(6,1980)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	7	1.55
(6,1980)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	7	1.55
(6,1980)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	7	1.55
(6,1980)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	14	1.55
(6,1980)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	14	1.55
(6,1980)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	14	1.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1980)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	14	1.55
(6,1980)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	14	1.55
(6,1980)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	14	1.55
(6,1980)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	14	1.55
(6,1980)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	14	1.55
(6,1980)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	14	1.55
(6,1980)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	14	1.55
(6,1980)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	14	1.55
(6,1980)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	14	1.55
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	11	1.55
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	11	1.55
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	11	1.55
(6,1465)	1:67:A:PRO:HD3	1:95:A:ILE:HA	4	1.55
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG21	16	1.55
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG22	16	1.55
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG23	16	1.55
(6,1163)	1:39:A:VAL:HA	1:140:A:LEU:HD21	13	1.55
(6,1163)	1:39:A:VAL:HA	1:140:A:LEU:HD22	13	1.55
(6,1163)	1:39:A:VAL:HA	1:140:A:LEU:HD23	13	1.55
(6,1053)	1:54:A:ARG:HA	1:58:A:ILE:HG13	10	1.55
(6,1053)	1:54:A:ARG:HA	1:58:A:ILE:HG13	12	1.55
(6,828)	1:48:A:ARG:HD2	1:49:A:LYS:HA	11	1.55
(6,828)	1:48:A:ARG:HD3	1:49:A:LYS:HA	11	1.55
(6,217)	1:44:A:GLU:HG2	1:48:A:ARG:H	6	1.55
(5,2044)	1:31:A:PRO:HB2	1:144:A:LEU:HB2	7	1.55
(5,2044)	1:31:A:PRO:HB2	1:144:A:LEU:HB3	7	1.55
(5,2044)	1:31:A:PRO:HB3	1:144:A:LEU:HB2	7	1.55
(5,2044)	1:31:A:PRO:HB3	1:144:A:LEU:HB3	7	1.55
(5,1925)	1:150:A:THR:H	1:151:A:PHE:HD1	14	1.55
(5,1925)	1:150:A:THR:H	1:151:A:PHE:HD2	14	1.55
(5,1465)	1:145:A:PRO:HD2	1:147:A:ARG:H	6	1.55
(5,1257)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	7	1.55
(5,1257)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	7	1.55
(5,1257)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	7	1.55
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD11	8	1.55
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD12	8	1.55
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD13	8	1.55
(5,705)	1:28:A:GLY:H	1:30:A:LEU:HB2	15	1.55
(5,705)	1:28:A:GLY:H	1:30:A:LEU:HB3	15	1.55
(5,257)	1:27:A:ARG:HB3	1:29:A:LYS:H	3	1.55
(4,2075)	1:35:A:LEU:HD11	1:80:A:TYR:HB3	6	1.55
(4,2075)	1:35:A:LEU:HD12	1:80:A:TYR:HB3	6	1.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2075)	1:35:A:LEU:HD13	1:80:A:TYR:HB3	6	1.55
(4,2075)	1:35:A:LEU:HD21	1:80:A:TYR:HB3	6	1.55
(4,2075)	1:35:A:LEU:HD22	1:80:A:TYR:HB3	6	1.55
(4,2075)	1:35:A:LEU:HD23	1:80:A:TYR:HB3	6	1.55
(4,1843)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	3	1.55
(4,1843)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	3	1.55
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG21	11	1.55
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG22	11	1.55
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG23	11	1.55
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG21	11	1.55
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG22	11	1.55
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG23	11	1.55
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG21	11	1.55
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG22	11	1.55
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG23	11	1.55
(4,1596)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	5	1.55
(4,1596)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	5	1.55
(4,1596)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	5	1.55
(4,1596)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	5	1.55
(4,1596)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	5	1.55
(4,1596)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	5	1.55
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD2	2	1.55
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD3	2	1.55
(3,2007)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	2	1.55
(3,2007)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	2	1.55
(3,2007)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	2	1.55
(3,2007)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	2	1.55
(3,2007)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	2	1.55
(3,2007)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	2	1.55
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	7	1.55
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	7	1.55
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	7	1.55
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	7	1.55
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	7	1.55
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	7	1.55
(3,1946)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	2	1.55
(3,1946)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	2	1.55
(3,1946)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	2	1.55
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	7	1.55
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	7	1.55
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	7	1.55
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	18	1.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	18	1.55
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	18	1.55
(3,485)	1:145:A:PRO:HB2	1:148:A:CYS:H	1	1.55
(2,1811)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	19	1.55
(2,1811)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	19	1.55
(2,1811)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	19	1.55
(2,1811)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	19	1.55
(2,1811)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	19	1.55
(2,1811)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	19	1.55
(2,1631)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	5	1.55
(2,1631)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	5	1.55
(2,1631)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	5	1.55
(2,1631)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	5	1.55
(2,1631)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	5	1.55
(2,1631)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	5	1.55
(2,1062)	1:54:A:ARG:HA	1:58:A:ILE:HG13	10	1.55
(2,1062)	1:54:A:ARG:HA	1:58:A:ILE:HG13	12	1.55
(2,1026)	1:60:A:LEU:H	1:63:A:ILE:HG13	17	1.55
(2,754)	1:37:A:LEU:H	1:40:A:LEU:HB3	11	1.55
(2,261)	1:27:A:ARG:HB3	1:29:A:LYS:H	3	1.55
(1,1915)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	11	1.55
(1,1915)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	11	1.55
(1,1915)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	11	1.55
(1,1915)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	11	1.55
(1,1915)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	11	1.55
(1,1915)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	11	1.55
(1,1836)	1:9:A:PHE:HZ	1:57:A:LEU:HA	12	1.55
(1,1638)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	11	1.55
(1,1595)	1:98:A:ILE:HD11	1:115:A:ALA:H	17	1.55
(1,1595)	1:98:A:ILE:HD12	1:115:A:ALA:H	17	1.55
(1,1595)	1:98:A:ILE:HD13	1:115:A:ALA:H	17	1.55
(1,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	7	1.55
(1,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	7	1.55
(1,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	7	1.55
(1,1332)	1:106:A:ASP:HA	1:112:A:GLN:HE21	7	1.55
(1,772)	1:37:A:LEU:H	1:40:A:LEU:HB3	11	1.55
(34,1863)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	17	1.54
(34,1863)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	17	1.54
(34,1796)	1:13:A:ALA:H	1:80:A:TYR:HD1	19	1.54
(34,1796)	1:13:A:ALA:H	1:80:A:TYR:HD2	19	1.54
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG21	3	1.54
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG22	3	1.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG23	3	1.54
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG21	13	1.54
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG22	13	1.54
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG23	13	1.54
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG21	17	1.54
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG22	17	1.54
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG23	17	1.54
(34,530)	1:70:A:LYS:HG3	1:71:A:LYS:H	6	1.54
(33,2496)	1:144:A:LEU:HD11	1:147:A:ARG:H	11	1.54
(33,2496)	1:144:A:LEU:HD12	1:147:A:ARG:H	11	1.54
(33,2496)	1:144:A:LEU:HD13	1:147:A:ARG:H	11	1.54
(33,2496)	1:144:A:LEU:HD21	1:147:A:ARG:H	11	1.54
(33,2496)	1:144:A:LEU:HD22	1:147:A:ARG:H	11	1.54
(33,2496)	1:144:A:LEU:HD23	1:147:A:ARG:H	11	1.54
(33,2041)	1:23:A:LEU:HD11	1:27:A:ARG:HA	14	1.54
(33,2041)	1:23:A:LEU:HD12	1:27:A:ARG:HA	14	1.54
(33,2041)	1:23:A:LEU:HD13	1:27:A:ARG:HA	14	1.54
(33,2041)	1:23:A:LEU:HD21	1:27:A:ARG:HA	14	1.54
(33,2041)	1:23:A:LEU:HD22	1:27:A:ARG:HA	14	1.54
(33,2041)	1:23:A:LEU:HD23	1:27:A:ARG:HA	14	1.54
(33,1909)	1:35:A:LEU:HG	1:80:A:TYR:HE1	5	1.54
(33,1909)	1:35:A:LEU:HG	1:80:A:TYR:HE2	5	1.54
(33,1851)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	17	1.54
(33,1851)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	17	1.54
(33,1550)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	1.54
(33,1550)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	1.54
(33,1550)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	1.54
(33,1550)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	1.54
(33,1550)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	1.54
(33,1550)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	1.54
(33,1237)	1:136:A:CYS:HA	1:140:A:LEU:HD21	12	1.54
(33,1237)	1:136:A:CYS:HA	1:140:A:LEU:HD22	12	1.54
(33,1237)	1:136:A:CYS:HA	1:140:A:LEU:HD23	12	1.54
(33,1032)	1:60:A:LEU:H	1:63:A:ILE:HG13	17	1.54
(33,75)	1:63:A:ILE:HG21	1:117:A:VAL:H	17	1.54
(33,75)	1:63:A:ILE:HG22	1:117:A:VAL:H	17	1.54
(33,75)	1:63:A:ILE:HG23	1:117:A:VAL:H	17	1.54
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG2	9	1.54
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	9	1.54
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG2	9	1.54
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	9	1.54
(32,1811)	1:13:A:ALA:HA	1:80:A:TYR:HE1	11	1.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1811)	1:13:A:ALA:HA	1:80:A:TYR:HE2	11	1.54
(32,1784)	1:9:A:PHE:HZ	1:54:A:ARG:HE	19	1.54
(32,1214)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	16	1.54
(32,1214)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	16	1.54
(32,1214)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	16	1.54
(32,1214)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	16	1.54
(32,1214)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	16	1.54
(32,1214)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	16	1.54
(30,2063)	1:34:A:LYS:H	1:81:A:GLU:HB2	19	1.54
(30,2063)	1:34:A:LYS:H	1:81:A:GLU:HB3	19	1.54
(30,1855)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	17	1.54
(30,1855)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	17	1.54
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	13	1.54
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	13	1.54
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	13	1.54
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	13	1.54
(30,1713)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	13	1.54
(30,1713)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	13	1.54
(30,1713)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	13	1.54
(30,1713)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	13	1.54
(30,1713)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	13	1.54
(30,1713)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	13	1.54
(30,1048)	1:110:A:MET:HG2	1:114:A:ILE:HG13	13	1.54
(30,1048)	1:110:A:MET:HG3	1:114:A:ILE:HG13	13	1.54
(30,961)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	2	1.54
(30,961)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	2	1.54
(30,961)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	17	1.54
(30,961)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	17	1.54
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	3	1.54
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	3	1.54
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	3	1.54
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	3	1.54
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	3	1.54
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	3	1.54
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	6	1.54
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	6	1.54
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	6	1.54
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	6	1.54
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	6	1.54
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	6	1.54
(29,2442)	1:144:A:LEU:HD11	1:147:A:ARG:H	11	1.54
(29,2442)	1:144:A:LEU:HD12	1:147:A:ARG:H	11	1.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2442)	1:144:A:LEU:HD13	1:147:A:ARG:H	11	1.54
(29,2442)	1:144:A:LEU:HD21	1:147:A:ARG:H	11	1.54
(29,2442)	1:144:A:LEU:HD22	1:147:A:ARG:H	11	1.54
(29,2442)	1:144:A:LEU:HD23	1:147:A:ARG:H	11	1.54
(29,2077)	1:32:A:GLY:HA2	1:34:A:LYS:H	18	1.54
(29,2077)	1:32:A:GLY:HA3	1:34:A:LYS:H	18	1.54
(29,1804)	1:13:A:ALA:H	1:80:A:TYR:HD1	19	1.54
(29,1804)	1:13:A:ALA:H	1:80:A:TYR:HD2	19	1.54
(29,1713)	1:52:A:CYS:HA	1:124:A:THR:HB	15	1.54
(29,1572)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	1.54
(29,1572)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	1.54
(29,1572)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	1.54
(29,1572)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	1.54
(29,1572)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	1.54
(29,1572)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	1.54
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG11	12	1.54
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG12	12	1.54
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG13	12	1.54
(29,1259)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	19	1.54
(29,1259)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	19	1.54
(29,1259)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	19	1.54
(29,1259)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	19	1.54
(29,1259)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	19	1.54
(29,1259)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	19	1.54
(29,1074)	1:110:A:MET:HG2	1:114:A:ILE:HG13	13	1.54
(29,1074)	1:110:A:MET:HG3	1:114:A:ILE:HG13	13	1.54
(29,832)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	17	1.54
(29,832)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	17	1.54
(29,832)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	17	1.54
(29,706)	1:46:A:ASN:HB3	1:134:A:VAL:H	1	1.54
(29,579)	1:11:A:ILE:HD11	1:16:A:SER:H	14	1.54
(29,579)	1:11:A:ILE:HD12	1:16:A:SER:H	14	1.54
(29,579)	1:11:A:ILE:HD13	1:16:A:SER:H	14	1.54
(29,312)	1:43:A:MET:H	1:140:A:LEU:HD11	9	1.54
(29,312)	1:43:A:MET:H	1:140:A:LEU:HD12	9	1.54
(29,312)	1:43:A:MET:H	1:140:A:LEU:HD13	9	1.54
(18,1886)	1:18:A:PHE:HE1	1:128:A:LEU:HG	11	1.54
(18,1886)	1:18:A:PHE:HE2	1:128:A:LEU:HG	11	1.54
(18,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	11	1.54
(18,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	11	1.54
(18,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	11	1.54
(18,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	11	1.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1775)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	16	1.54
(18,1775)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	16	1.54
(18,1775)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	16	1.54
(18,1775)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	16	1.54
(18,774)	1:32:A:GLY:HA2	1:34:A:LYS:H	18	1.54
(17,2480)	1:144:A:LEU:HD11	1:147:A:ARG:H	11	1.54
(17,2480)	1:144:A:LEU:HD12	1:147:A:ARG:H	11	1.54
(17,2480)	1:144:A:LEU:HD13	1:147:A:ARG:H	11	1.54
(17,2480)	1:144:A:LEU:HD21	1:147:A:ARG:H	11	1.54
(17,2480)	1:144:A:LEU:HD22	1:147:A:ARG:H	11	1.54
(17,2480)	1:144:A:LEU:HD23	1:147:A:ARG:H	11	1.54
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	12	1.54
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	12	1.54
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	12	1.54
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	12	1.54
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	12	1.54
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	12	1.54
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	12	1.54
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	12	1.54
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	12	1.54
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	12	1.54
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	12	1.54
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	12	1.54
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	12	1.54
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	12	1.54
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	12	1.54
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	12	1.54
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	12	1.54
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	12	1.54
(17,1796)	1:13:A:ALA:H	1:80:A:TYR:HD1	19	1.54
(17,1796)	1:13:A:ALA:H	1:80:A:TYR:HD2	19	1.54
(17,1581)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	1.54
(17,1581)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	1.54
(17,1581)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	1.54
(17,1581)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	1.54
(17,1581)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	1.54
(17,1581)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	1.54
(17,1401)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	4	1.54
(17,1401)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	4	1.54
(17,1401)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	4	1.54
(17,1179)	1:136:A:CYS:HA	1:140:A:LEU:HD21	12	1.54
(17,1179)	1:136:A:CYS:HA	1:140:A:LEU:HD22	12	1.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1179)	1:136:A:CYS:HA	1:140:A:LEU:HD23	12	1.54
(16,2339)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	2	1.54
(16,2339)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	2	1.54
(16,2091)	1:35:A:LEU:HD11	1:143:A:TRP:HB2	3	1.54
(16,2091)	1:35:A:LEU:HD12	1:143:A:TRP:HB2	3	1.54
(16,2091)	1:35:A:LEU:HD13	1:143:A:TRP:HB2	3	1.54
(16,2091)	1:35:A:LEU:HD21	1:143:A:TRP:HB2	3	1.54
(16,2091)	1:35:A:LEU:HD22	1:143:A:TRP:HB2	3	1.54
(16,2091)	1:35:A:LEU:HD23	1:143:A:TRP:HB2	3	1.54
(16,2069)	1:32:A:GLY:HA2	1:34:A:LYS:H	18	1.54
(16,2069)	1:32:A:GLY:HA3	1:34:A:LYS:H	18	1.54
(16,2060)	1:30:A:LEU:HD11	1:79:A:THR:HB	1	1.54
(16,2060)	1:30:A:LEU:HD12	1:79:A:THR:HB	1	1.54
(16,2060)	1:30:A:LEU:HD13	1:79:A:THR:HB	1	1.54
(16,2060)	1:30:A:LEU:HD21	1:79:A:THR:HB	1	1.54
(16,2060)	1:30:A:LEU:HD22	1:79:A:THR:HB	1	1.54
(16,2060)	1:30:A:LEU:HD23	1:79:A:THR:HB	1	1.54
(16,1475)	1:95:A:ILE:HG21	1:97:A:ASP:H	2	1.54
(16,1475)	1:95:A:ILE:HG22	1:97:A:ASP:H	2	1.54
(16,1475)	1:95:A:ILE:HG23	1:97:A:ASP:H	2	1.54
(16,968)	1:39:A:VAL:HA	1:43:A:MET:HG2	15	1.54
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	3	1.54
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	3	1.54
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	3	1.54
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	3	1.54
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	3	1.54
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	3	1.54
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	6	1.54
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	6	1.54
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	6	1.54
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	6	1.54
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	6	1.54
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	6	1.54
(16,708)	1:46:A:ASN:HB3	1:134:A:VAL:H	1	1.54
(16,673)	1:110:A:MET:H	1:111:A:GLU:HG2	16	1.54
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD11	6	1.54
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD12	6	1.54
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD13	6	1.54
(16,54)	1:47:A:ALA:H	1:134:A:VAL:HG11	8	1.54
(16,54)	1:47:A:ALA:H	1:134:A:VAL:HG12	8	1.54
(16,54)	1:47:A:ALA:H	1:134:A:VAL:HG13	8	1.54
(15,2492)	1:144:A:LEU:HD11	1:147:A:ARG:H	11	1.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2492)	1:144:A:LEU:HD12	1:147:A:ARG:H	11	1.54
(15,2492)	1:144:A:LEU:HD13	1:147:A:ARG:H	11	1.54
(15,2492)	1:144:A:LEU:HD21	1:147:A:ARG:H	11	1.54
(15,2492)	1:144:A:LEU:HD22	1:147:A:ARG:H	11	1.54
(15,2492)	1:144:A:LEU:HD23	1:147:A:ARG:H	11	1.54
(15,2332)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	19	1.54
(15,2332)	1:108:A:GLU:HB2	1:111:A:GLU:HG3	19	1.54
(15,2332)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	19	1.54
(15,2332)	1:108:A:GLU:HB3	1:111:A:GLU:HG3	19	1.54
(15,1977)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	13	1.54
(15,1977)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	13	1.54
(15,1977)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	13	1.54
(15,1977)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	13	1.54
(15,1977)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	13	1.54
(15,1977)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	13	1.54
(15,1554)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	1.54
(15,1554)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	1.54
(15,1554)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	1.54
(15,1554)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	1.54
(15,1554)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	1.54
(15,1554)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	1.54
(15,1169)	1:136:A:CYS:HA	1:140:A:LEU:HD21	12	1.54
(15,1169)	1:136:A:CYS:HA	1:140:A:LEU:HD22	12	1.54
(15,1169)	1:136:A:CYS:HA	1:140:A:LEU:HD23	12	1.54
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	10	1.54
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	10	1.54
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	10	1.54
(15,582)	1:11:A:ILE:HD11	1:16:A:SER:H	14	1.54
(15,582)	1:11:A:ILE:HD12	1:16:A:SER:H	14	1.54
(15,582)	1:11:A:ILE:HD13	1:16:A:SER:H	14	1.54
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE21	11	1.54
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE22	11	1.54
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE21	11	1.54
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE22	11	1.54
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	5	1.54
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	5	1.54
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	5	1.54
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	5	1.54
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	5	1.54
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	5	1.54
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	5	1.54
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	5	1.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	5	1.54
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	5	1.54
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	5	1.54
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	5	1.54
(13,1853)	1:18:A:PHE:HE1	1:128:A:LEU:HG	11	1.54
(13,1853)	1:18:A:PHE:HE2	1:128:A:LEU:HG	11	1.54
(13,1745)	1:13:A:ALA:H	1:80:A:TYR:HD1	19	1.54
(13,1745)	1:13:A:ALA:H	1:80:A:TYR:HD2	19	1.54
(11,2073)	1:32:A:GLY:HA2	1:34:A:LYS:H	18	1.54
(11,2073)	1:32:A:GLY:HA3	1:34:A:LYS:H	18	1.54
(11,2004)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	18	1.54
(11,2004)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	18	1.54
(11,2004)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	18	1.54
(11,2004)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	18	1.54
(11,2004)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	18	1.54
(11,2004)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	18	1.54
(11,1968)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	13	1.54
(11,1968)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	13	1.54
(11,1968)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	13	1.54
(11,1968)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	13	1.54
(11,1931)	1:35:A:LEU:HG	1:80:A:TYR:HE1	5	1.54
(11,1931)	1:35:A:LEU:HG	1:80:A:TYR:HE2	5	1.54
(11,1875)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	17	1.54
(11,1875)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	17	1.54
(11,1651)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	18	1.54
(11,1651)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	18	1.54
(11,1651)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	18	1.54
(11,1651)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	18	1.54
(11,1651)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	18	1.54
(11,1651)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	18	1.54
(11,1601)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	9	1.54
(11,1601)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	9	1.54
(11,1601)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	9	1.54
(11,1601)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	9	1.54
(11,1601)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	9	1.54
(11,1601)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	9	1.54
(11,1601)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	9	1.54
(11,1601)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	9	1.54
(11,1601)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	9	1.54
(11,995)	1:102:A:PRO:HA	1:105:A:LYS:HD2	7	1.54
(11,995)	1:102:A:PRO:HA	1:105:A:LYS:HD3	7	1.54
(9,2430)	1:144:A:LEU:HD11	1:147:A:ARG:H	11	1.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2430)	1:144:A:LEU:HD12	1:147:A:ARG:H	11	1.54
(9,2430)	1:144:A:LEU:HD13	1:147:A:ARG:H	11	1.54
(9,2430)	1:144:A:LEU:HD21	1:147:A:ARG:H	11	1.54
(9,2430)	1:144:A:LEU:HD22	1:147:A:ARG:H	11	1.54
(9,2430)	1:144:A:LEU:HD23	1:147:A:ARG:H	11	1.54
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD21	13	1.54
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD22	13	1.54
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD23	13	1.54
(9,322)	1:43:A:MET:H	1:140:A:LEU:HD11	9	1.54
(9,322)	1:43:A:MET:H	1:140:A:LEU:HD12	9	1.54
(9,322)	1:43:A:MET:H	1:140:A:LEU:HD13	9	1.54
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD11	8	1.54
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD12	8	1.54
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD13	8	1.54
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD21	8	1.54
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD22	8	1.54
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD23	8	1.54
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD11	8	1.54
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD12	8	1.54
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD13	8	1.54
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD21	8	1.54
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD22	8	1.54
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD23	8	1.54
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	15	1.54
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	15	1.54
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	15	1.54
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	15	1.54
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	15	1.54
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	15	1.54
(7,1747)	1:13:A:ALA:H	1:80:A:TYR:HD1	19	1.54
(7,1747)	1:13:A:ALA:H	1:80:A:TYR:HD2	19	1.54
(7,1537)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	1.54
(7,1537)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	1.54
(7,1537)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	1.54
(7,1537)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	1.54
(7,1537)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	1.54
(7,1537)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	1.54
(7,1269)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	15	1.54
(7,1269)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	15	1.54
(7,1269)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	15	1.54
(7,1209)	1:79:A:THR:HG21	1:81:A:GLU:HA	15	1.54
(7,1209)	1:79:A:THR:HG22	1:81:A:GLU:HA	15	1.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1209)	1:79:A:THR:HG23	1:81:A:GLU:HA	15	1.54
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	3	1.54
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	3	1.54
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	3	1.54
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	3	1.54
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	3	1.54
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	3	1.54
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	6	1.54
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	6	1.54
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	6	1.54
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	6	1.54
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	6	1.54
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	6	1.54
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	7	1.54
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	7	1.54
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	7	1.54
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	7	1.54
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	7	1.54
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	7	1.54
(6,2064)	1:34:A:LYS:H	1:81:A:GLU:HB2	19	1.54
(6,2064)	1:34:A:LYS:H	1:81:A:GLU:HB3	19	1.54
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	16	1.54
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	16	1.54
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	16	1.54
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG21	16	1.54
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG22	16	1.54
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG23	16	1.54
(6,1920)	1:35:A:LEU:HG	1:80:A:TYR:HE1	5	1.54
(6,1920)	1:35:A:LEU:HG	1:80:A:TYR:HE2	5	1.54
(6,1848)	1:13:A:ALA:HA	1:80:A:TYR:HE1	11	1.54
(6,1848)	1:13:A:ALA:HA	1:80:A:TYR:HE2	11	1.54
(6,1618)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	18	1.54
(6,1618)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	18	1.54
(6,1618)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	18	1.54
(6,1618)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	18	1.54
(6,1618)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	18	1.54
(6,1618)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	18	1.54
(6,1562)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	1.54
(6,1562)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	1.54
(6,1562)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	1.54
(6,1562)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	1.54
(6,1562)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	1.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1562)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	1.54
(6,751)	1:32:A:GLY:HA2	1:34:A:LYS:H	18	1.54
(6,310)	1:43:A:MET:H	1:140:A:LEU:HD11	9	1.54
(6,310)	1:43:A:MET:H	1:140:A:LEU:HD12	9	1.54
(6,310)	1:43:A:MET:H	1:140:A:LEU:HD13	9	1.54
(6,60)	1:34:A:LYS:H	1:81:A:GLU:H	1	1.54
(5,2469)	1:144:A:LEU:HD11	1:147:A:ARG:H	11	1.54
(5,2469)	1:144:A:LEU:HD12	1:147:A:ARG:H	11	1.54
(5,2469)	1:144:A:LEU:HD13	1:147:A:ARG:H	11	1.54
(5,2469)	1:144:A:LEU:HD21	1:147:A:ARG:H	11	1.54
(5,2469)	1:144:A:LEU:HD22	1:147:A:ARG:H	11	1.54
(5,2469)	1:144:A:LEU:HD23	1:147:A:ARG:H	11	1.54
(5,2127)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	18	1.54
(5,2127)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	18	1.54
(5,2127)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	18	1.54
(5,2127)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	18	1.54
(5,2127)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	18	1.54
(5,2127)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	18	1.54
(5,2048)	1:34:A:LYS:H	1:81:A:GLU:HB2	19	1.54
(5,2048)	1:34:A:LYS:H	1:81:A:GLU:HB3	19	1.54
(5,2003)	1:17:A:ASN:HB2	1:63:A:ILE:HD11	17	1.54
(5,2003)	1:17:A:ASN:HB2	1:63:A:ILE:HD12	17	1.54
(5,2003)	1:17:A:ASN:HB2	1:63:A:ILE:HD13	17	1.54
(5,2003)	1:17:A:ASN:HB3	1:63:A:ILE:HD11	17	1.54
(5,2003)	1:17:A:ASN:HB3	1:63:A:ILE:HD12	17	1.54
(5,2003)	1:17:A:ASN:HB3	1:63:A:ILE:HD13	17	1.54
(5,1993)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	13	1.54
(5,1993)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	13	1.54
(5,1993)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	13	1.54
(5,1993)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	13	1.54
(5,1993)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	13	1.54
(5,1993)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	13	1.54
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD1	7	1.54
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD2	7	1.54
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD1	7	1.54
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD2	7	1.54
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD1	17	1.54
(5,1924)	1:112:A:GLN:HG2	1:113:A:PHE:HD2	17	1.54
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD1	17	1.54
(5,1924)	1:112:A:GLN:HG3	1:113:A:PHE:HD2	17	1.54
(5,1880)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	17	1.54
(5,1880)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	17	1.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1123)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	1	1.54
(5,1123)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	1	1.54
(5,1123)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	1	1.54
(5,1123)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	1	1.54
(5,1123)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	1	1.54
(5,1123)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	1	1.54
(5,1123)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	11	1.54
(5,1123)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	11	1.54
(5,1123)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	11	1.54
(5,1123)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	11	1.54
(5,1123)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	11	1.54
(5,1123)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	11	1.54
(5,843)	1:43:A:MET:HE1	1:144:A:LEU:HB3	16	1.54
(5,843)	1:43:A:MET:HE2	1:144:A:LEU:HB3	16	1.54
(5,843)	1:43:A:MET:HE3	1:144:A:LEU:HB3	16	1.54
(5,843)	1:43:A:MET:HE1	1:144:A:LEU:HB2	16	1.54
(5,843)	1:43:A:MET:HE2	1:144:A:LEU:HB2	16	1.54
(5,843)	1:43:A:MET:HE3	1:144:A:LEU:HB2	16	1.54
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD21	1	1.54
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD22	1	1.54
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD23	1	1.54
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD21	1	1.54
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD22	1	1.54
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD23	1	1.54
(4,1544)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	1.54
(4,1544)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	1.54
(4,1544)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	1.54
(4,1544)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	1.54
(4,1544)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	1.54
(4,1544)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	1.54
(4,748)	1:32:A:GLY:HA2	1:34:A:LYS:H	7	1.54
(4,565)	1:11:A:ILE:HD11	1:16:A:SER:H	14	1.54
(4,565)	1:11:A:ILE:HD12	1:16:A:SER:H	14	1.54
(4,565)	1:11:A:ILE:HD13	1:16:A:SER:H	14	1.54
(3,2172)	1:43:A:MET:HE1	1:131:A:LEU:HB2	7	1.54
(3,2172)	1:43:A:MET:HE1	1:131:A:LEU:HB3	7	1.54
(3,2172)	1:43:A:MET:HE2	1:131:A:LEU:HB2	7	1.54
(3,2172)	1:43:A:MET:HE2	1:131:A:LEU:HB3	7	1.54
(3,2172)	1:43:A:MET:HE3	1:131:A:LEU:HB2	7	1.54
(3,2172)	1:43:A:MET:HE3	1:131:A:LEU:HB3	7	1.54
(3,2007)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	18	1.54
(3,2007)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	18	1.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2007)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	18	1.54
(3,2007)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	18	1.54
(3,2007)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	18	1.54
(3,2007)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	18	1.54
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG2	2	1.54
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG3	2	1.54
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG2	2	1.54
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG3	2	1.54
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG2	2	1.54
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG3	2	1.54
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	12	1.54
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	12	1.54
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	12	1.54
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	12	1.54
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	12	1.54
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	12	1.54
(3,1937)	1:35:A:LEU:HG	1:80:A:TYR:HE1	5	1.54
(3,1937)	1:35:A:LEU:HG	1:80:A:TYR:HE2	5	1.54
(3,1881)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	17	1.54
(3,1881)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	17	1.54
(3,1873)	1:13:A:ALA:HA	1:80:A:TYR:HE1	11	1.54
(3,1873)	1:13:A:ALA:HA	1:80:A:TYR:HE2	11	1.54
(3,1847)	1:9:A:PHE:HZ	1:54:A:ARG:HE	19	1.54
(3,1593)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	1.54
(3,1593)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	1.54
(3,1593)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	1.54
(3,1593)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	1.54
(3,1593)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	1.54
(3,1593)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	1.54
(3,1211)	1:34:A:LYS:HG2	1:81:A:GLU:HA	10	1.54
(3,1211)	1:34:A:LYS:HG3	1:81:A:GLU:HA	10	1.54
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG11	8	1.54
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG12	8	1.54
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG13	8	1.54
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG21	8	1.54
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG22	8	1.54
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG23	8	1.54
(2,1880)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	17	1.54
(2,1880)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	17	1.54
(2,1805)	1:13:A:ALA:H	1:80:A:TYR:HD1	19	1.54
(2,1805)	1:13:A:ALA:H	1:80:A:TYR:HD2	19	1.54
(2,1727)	1:30:A:LEU:HD11	1:145:A:PRO:HD3	13	1.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1727)	1:30:A:LEU:HD12	1:145:A:PRO:HD3	13	1.54
(2,1727)	1:30:A:LEU:HD13	1:145:A:PRO:HD3	13	1.54
(2,1727)	1:30:A:LEU:HD21	1:145:A:PRO:HD3	13	1.54
(2,1727)	1:30:A:LEU:HD22	1:145:A:PRO:HD3	13	1.54
(2,1727)	1:30:A:LEU:HD23	1:145:A:PRO:HD3	13	1.54
(2,1662)	1:47:A:ALA:H	1:134:A:VAL:HG11	12	1.54
(2,1662)	1:47:A:ALA:H	1:134:A:VAL:HG12	12	1.54
(2,1662)	1:47:A:ALA:H	1:134:A:VAL:HG13	12	1.54
(2,1640)	1:10:A:ASN:HB3	1:61:A:SER:HA	19	1.54
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD11	16	1.54
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD12	16	1.54
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD13	16	1.54
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD11	16	1.54
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD12	16	1.54
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD13	16	1.54
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD11	16	1.54
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD12	16	1.54
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD13	16	1.54
(2,942)	1:39:A:VAL:HA	1:43:A:MET:HG2	15	1.54
(1,1572)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	1.54
(1,1572)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	1.54
(1,1572)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	1.54
(1,1572)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	1.54
(1,1572)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	1.54
(1,1572)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	1.54
(34,1633)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	7	1.53
(34,1633)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	7	1.53
(34,1633)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	7	1.53
(34,1633)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	7	1.53
(34,1633)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	7	1.53
(34,1633)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	7	1.53
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG21	1	1.53
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG22	1	1.53
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG23	1	1.53
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG21	8	1.53
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG22	8	1.53
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG23	8	1.53
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG21	11	1.53
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG22	11	1.53
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG23	11	1.53
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG21	14	1.53
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG22	14	1.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG23	14	1.53
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG21	16	1.53
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG22	16	1.53
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG23	16	1.53
(34,1251)	1:144:A:LEU:HD11	1:145:A:PRO:HD2	17	1.53
(34,1251)	1:144:A:LEU:HD12	1:145:A:PRO:HD2	17	1.53
(34,1251)	1:144:A:LEU:HD13	1:145:A:PRO:HD2	17	1.53
(34,630)	1:35:A:LEU:H	1:80:A:TYR:HB2	15	1.53
(33,1627)	1:27:A:ARG:HA	1:30:A:LEU:H	14	1.53
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB1	7	1.53
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB2	7	1.53
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB3	7	1.53
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB1	11	1.53
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB2	11	1.53
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB3	11	1.53
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD21	14	1.53
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD22	14	1.53
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD23	14	1.53
(33,572)	1:11:A:ILE:HD11	1:16:A:SER:H	18	1.53
(33,572)	1:11:A:ILE:HD12	1:16:A:SER:H	18	1.53
(33,572)	1:11:A:ILE:HD13	1:16:A:SER:H	18	1.53
(32,2263)	1:74:A:PRO:HA	1:77:A:CYS:HB2	15	1.53
(32,2263)	1:74:A:PRO:HA	1:77:A:CYS:HB3	15	1.53
(32,2234)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	14	1.53
(32,2234)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	14	1.53
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE1	16	1.53
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE2	16	1.53
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE1	16	1.53
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE2	16	1.53
(32,1784)	1:9:A:PHE:HZ	1:54:A:ARG:HE	18	1.53
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	8	1.53
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	8	1.53
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	8	1.53
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	8	1.53
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	8	1.53
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	8	1.53
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG21	8	1.53
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG22	8	1.53
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG23	8	1.53
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD21	14	1.53
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD22	14	1.53
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD23	14	1.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,598)	1:55:A:GLY:H	1:58:A:ILE:HG13	17	1.53
(30,2240)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	14	1.53
(30,2240)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	14	1.53
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	5	1.53
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	5	1.53
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	5	1.53
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	5	1.53
(30,1658)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	9	1.53
(30,1658)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	9	1.53
(30,1658)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	9	1.53
(30,1658)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	9	1.53
(30,1658)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	9	1.53
(30,1658)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	9	1.53
(30,1658)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	9	1.53
(30,1658)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	9	1.53
(30,1658)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	9	1.53
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG11	6	1.53
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG12	6	1.53
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG13	6	1.53
(30,1343)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	8	1.53
(30,1343)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	8	1.53
(30,1343)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	8	1.53
(30,1221)	1:144:A:LEU:HD11	1:145:A:PRO:HD2	17	1.53
(30,1221)	1:144:A:LEU:HD12	1:145:A:PRO:HD2	17	1.53
(30,1221)	1:144:A:LEU:HD13	1:145:A:PRO:HD2	17	1.53
(30,613)	1:55:A:GLY:H	1:58:A:ILE:HG13	17	1.53
(30,18)	1:94:A:ALA:H	1:95:A:ILE:HD11	2	1.53
(30,18)	1:94:A:ALA:H	1:95:A:ILE:HD12	2	1.53
(30,18)	1:94:A:ALA:H	1:95:A:ILE:HD13	2	1.53
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD11	10	1.53
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD12	10	1.53
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD13	10	1.53
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD21	10	1.53
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD22	10	1.53
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD23	10	1.53
(29,1838)	1:9:A:PHE:HZ	1:54:A:ARG:HE	15	1.53
(29,850)	1:48:A:ARG:HD2	1:49:A:LYS:HA	14	1.53
(29,850)	1:48:A:ARG:HD3	1:49:A:LYS:HA	14	1.53
(29,814)	1:11:A:ILE:HD11	1:14:A:VAL:HB	8	1.53
(29,814)	1:11:A:ILE:HD12	1:14:A:VAL:HB	8	1.53
(29,814)	1:11:A:ILE:HD13	1:14:A:VAL:HB	8	1.53
(29,159)	1:67:A:PRO:HD3	1:95:A:ILE:H	9	1.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(20,6)	1:52:A:CYS:SG	1:56:A:CYS:SG	5	1.53
(20,4)	1:52:A:CYS:SG	1:123:A:CYS:SG	11	1.53
(19,19)	1:56:A:CYS:SG	1:127:A:CYS:CB	13	1.53
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD1	1	1.53
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD2	1	1.53
(18,671)	1:101:A:ILE:HB	1:103:A:ARG:H	5	1.53
(18,19)	1:94:A:ALA:H	1:95:A:ILE:HD11	2	1.53
(18,19)	1:94:A:ALA:H	1:95:A:ILE:HD12	2	1.53
(18,19)	1:94:A:ALA:H	1:95:A:ILE:HD13	2	1.53
(17,2272)	1:74:A:PRO:HA	1:77:A:CYS:HB2	15	1.53
(17,2272)	1:74:A:PRO:HA	1:77:A:CYS:HB3	15	1.53
(17,1915)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	19	1.53
(17,1915)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	19	1.53
(17,1915)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	19	1.53
(17,1915)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	19	1.53
(17,845)	1:48:A:ARG:HD2	1:49:A:LYS:HA	13	1.53
(17,845)	1:48:A:ARG:HD3	1:49:A:LYS:HA	13	1.53
(17,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	15	1.53
(17,19)	1:94:A:ALA:H	1:95:A:ILE:HD11	2	1.53
(17,19)	1:94:A:ALA:H	1:95:A:ILE:HD12	2	1.53
(17,19)	1:94:A:ALA:H	1:95:A:ILE:HD13	2	1.53
(16,2141)	1:40:A:LEU:HD11	1:43:A:MET:HG3	12	1.53
(16,2141)	1:40:A:LEU:HD12	1:43:A:MET:HG3	12	1.53
(16,2141)	1:40:A:LEU:HD13	1:43:A:MET:HG3	12	1.53
(16,2141)	1:40:A:LEU:HD21	1:43:A:MET:HG3	12	1.53
(16,2141)	1:40:A:LEU:HD22	1:43:A:MET:HG3	12	1.53
(16,2141)	1:40:A:LEU:HD23	1:43:A:MET:HG3	12	1.53
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD21	14	1.53
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD22	14	1.53
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD23	14	1.53
(15,2218)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	14	1.53
(15,2218)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	14	1.53
(15,1950)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	7	1.53
(15,1950)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	7	1.53
(15,1950)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	7	1.53
(15,1950)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	7	1.53
(15,1950)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	7	1.53
(15,1950)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	7	1.53
(15,20)	1:94:A:ALA:H	1:95:A:ILE:HD11	2	1.53
(15,20)	1:94:A:ALA:H	1:95:A:ILE:HD12	2	1.53
(15,20)	1:94:A:ALA:H	1:95:A:ILE:HD13	2	1.53
(13,2237)	1:74:A:PRO:HA	1:77:A:CYS:HB2	15	1.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2237)	1:74:A:PRO:HA	1:77:A:CYS:HB3	15	1.53
(13,2206)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	14	1.53
(13,2206)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	14	1.53
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG11	5	1.53
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG12	5	1.53
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG13	5	1.53
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG21	5	1.53
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG22	5	1.53
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG23	5	1.53
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD11	10	1.53
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD12	10	1.53
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD13	10	1.53
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD21	10	1.53
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD22	10	1.53
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD23	10	1.53
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	6	1.53
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	6	1.53
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	6	1.53
(13,608)	1:55:A:GLY:H	1:58:A:ILE:HG13	17	1.53
(13,571)	1:148:A:CYS:HA	1:150:A:THR:H	15	1.53
(11,2243)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	14	1.53
(11,2243)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	14	1.53
(11,577)	1:148:A:CYS:HA	1:150:A:THR:H	15	1.53
(11,21)	1:94:A:ALA:H	1:95:A:ILE:HD11	2	1.53
(11,21)	1:94:A:ALA:H	1:95:A:ILE:HD12	2	1.53
(11,21)	1:94:A:ALA:H	1:95:A:ILE:HD13	2	1.53
(9,2162)	1:60:A:LEU:HG	1:61:A:SER:HB2	5	1.53
(9,2162)	1:60:A:LEU:HG	1:61:A:SER:HB3	5	1.53
(9,2002)	1:17:A:ASN:HD21	1:79:A:THR:H	17	1.53
(9,2002)	1:17:A:ASN:HD22	1:79:A:THR:H	17	1.53
(9,1717)	1:19:A:ALA:HB1	1:21:A:THR:HG21	6	1.53
(9,1717)	1:19:A:ALA:HB1	1:21:A:THR:HG22	6	1.53
(9,1717)	1:19:A:ALA:HB1	1:21:A:THR:HG23	6	1.53
(9,1717)	1:19:A:ALA:HB2	1:21:A:THR:HG21	6	1.53
(9,1717)	1:19:A:ALA:HB2	1:21:A:THR:HG22	6	1.53
(9,1717)	1:19:A:ALA:HB2	1:21:A:THR:HG23	6	1.53
(9,1717)	1:19:A:ALA:HB3	1:21:A:THR:HG21	6	1.53
(9,1717)	1:19:A:ALA:HB3	1:21:A:THR:HG22	6	1.53
(9,1717)	1:19:A:ALA:HB3	1:21:A:THR:HG23	6	1.53
(9,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	15	1.53
(7,2185)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	12	1.53
(7,2185)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	12	1.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2185)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	12	1.53
(7,2185)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	12	1.53
(7,2185)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	12	1.53
(7,2185)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	12	1.53
(7,2185)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	12	1.53
(7,2185)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	12	1.53
(7,2185)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	12	1.53
(7,2185)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	12	1.53
(7,2185)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	12	1.53
(7,2185)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	12	1.53
(7,2185)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	12	1.53
(7,2185)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	12	1.53
(7,2185)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	12	1.53
(7,2185)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	12	1.53
(7,2185)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	12	1.53
(7,2185)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	12	1.53
(7,2185)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	12	1.53
(7,2185)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	12	1.53
(7,2185)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	12	1.53
(7,2185)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	12	1.53
(7,2185)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	12	1.53
(7,2185)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	12	1.53
(7,2185)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	12	1.53
(7,2185)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	12	1.53
(7,2185)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	12	1.53
(7,2185)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	12	1.53
(7,2185)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	12	1.53
(7,2185)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	12	1.53
(7,2185)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	12	1.53
(7,2185)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	12	1.53
(7,2185)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	12	1.53
(7,2185)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	12	1.53
(7,2185)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	12	1.53
(7,2185)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	12	1.53
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD11	8	1.53
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD12	8	1.53
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD13	8	1.53
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD21	8	1.53
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD22	8	1.53
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD23	8	1.53
(7,1826)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	13	1.53
(7,1487)	1:43:A:MET:HE1	1:44:A:GLU:HA	12	1.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1487)	1:43:A:MET:HE2	1:44:A:GLU:HA	12	1.53
(7,1487)	1:43:A:MET:HE3	1:44:A:GLU:HA	12	1.53
(7,1251)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	8	1.53
(7,1251)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	8	1.53
(7,1251)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	8	1.53
(7,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	15	1.53
(7,574)	1:11:A:ILE:HD11	1:16:A:SER:H	18	1.53
(7,574)	1:11:A:ILE:HD12	1:16:A:SER:H	18	1.53
(7,574)	1:11:A:ILE:HD13	1:16:A:SER:H	18	1.53
(6,2001)	1:14:A:VAL:HG11	1:18:A:PHE:HB2	3	1.53
(6,2001)	1:14:A:VAL:HG12	1:18:A:PHE:HB2	3	1.53
(6,2001)	1:14:A:VAL:HG13	1:18:A:PHE:HB2	3	1.53
(6,2001)	1:14:A:VAL:HG21	1:18:A:PHE:HB2	3	1.53
(6,2001)	1:14:A:VAL:HG22	1:18:A:PHE:HB2	3	1.53
(6,2001)	1:14:A:VAL:HG23	1:18:A:PHE:HB2	3	1.53
(6,1217)	1:144:A:LEU:HD11	1:145:A:PRO:HD2	17	1.53
(6,1217)	1:144:A:LEU:HD12	1:145:A:PRO:HD2	17	1.53
(6,1217)	1:144:A:LEU:HD13	1:145:A:PRO:HD2	17	1.53
(6,956)	1:11:A:ILE:HG13	1:14:A:VAL:HB	16	1.53
(6,152)	1:67:A:PRO:HD3	1:95:A:ILE:H	9	1.53
(6,18)	1:94:A:ALA:H	1:95:A:ILE:HD11	2	1.53
(6,18)	1:94:A:ALA:H	1:95:A:ILE:HD12	2	1.53
(6,18)	1:94:A:ALA:H	1:95:A:ILE:HD13	2	1.53
(5,2232)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	14	1.53
(5,2232)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	14	1.53
(5,1727)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	12	1.53
(5,1727)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	12	1.53
(5,1727)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	12	1.53
(5,977)	1:47:A:ALA:HB1	1:134:A:VAL:HB	4	1.53
(5,977)	1:47:A:ALA:HB2	1:134:A:VAL:HB	4	1.53
(5,977)	1:47:A:ALA:HB3	1:134:A:VAL:HB	4	1.53
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG21	14	1.53
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG22	14	1.53
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG23	14	1.53
(5,748)	1:43:A:MET:HE1	1:147:A:ARG:HE	5	1.53
(5,748)	1:43:A:MET:HE2	1:147:A:ARG:HE	5	1.53
(5,748)	1:43:A:MET:HE3	1:147:A:ARG:HE	5	1.53
(5,147)	1:67:A:PRO:HD3	1:95:A:ILE:H	9	1.53
(5,19)	1:94:A:ALA:H	1:95:A:ILE:HD11	2	1.53
(5,19)	1:94:A:ALA:H	1:95:A:ILE:HD12	2	1.53
(5,19)	1:94:A:ALA:H	1:95:A:ILE:HD13	2	1.53
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD11	10	1.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD12	10	1.53
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD13	10	1.53
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD21	10	1.53
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD22	10	1.53
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD23	10	1.53
(4,1843)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	7	1.53
(4,1843)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	7	1.53
(4,1833)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	13	1.53
(4,833)	1:48:A:ARG:HD2	1:49:A:LYS:HA	7	1.53
(4,833)	1:48:A:ARG:HD3	1:49:A:LYS:HA	7	1.53
(4,557)	1:63:A:ILE:HG21	1:116:A:GLN:H	17	1.53
(4,557)	1:63:A:ILE:HG22	1:116:A:GLN:H	17	1.53
(4,557)	1:63:A:ILE:HG23	1:116:A:GLN:H	17	1.53
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE1	16	1.53
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE2	16	1.53
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE1	16	1.53
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE2	16	1.53
(3,1847)	1:9:A:PHE:HZ	1:54:A:ARG:HE	18	1.53
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD21	9	1.53
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD22	9	1.53
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD23	9	1.53
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	7	1.53
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	7	1.53
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	7	1.53
(3,1585)	1:11:A:ILE:HB	1:40:A:LEU:HD11	19	1.53
(3,1585)	1:11:A:ILE:HB	1:40:A:LEU:HD12	19	1.53
(3,1585)	1:11:A:ILE:HB	1:40:A:LEU:HD13	19	1.53
(3,1481)	1:13:A:ALA:HB1	1:78:A:HIS:HA	13	1.53
(3,1481)	1:13:A:ALA:HB2	1:78:A:HIS:HA	13	1.53
(3,1481)	1:13:A:ALA:HB3	1:78:A:HIS:HA	13	1.53
(3,1465)	1:31:A:PRO:HD3	1:143:A:TRP:HA	9	1.53
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	12	1.53
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	12	1.53
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	12	1.53
(3,662)	1:100:A:ALA:H	1:119:A:LEU:HG	4	1.53
(2,2260)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	14	1.53
(2,2260)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	14	1.53
(2,2227)	1:60:A:LEU:HG	1:61:A:SER:HB2	5	1.53
(2,2227)	1:60:A:LEU:HG	1:61:A:SER:HB3	5	1.53
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB2	6	1.53
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB3	6	1.53
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB2	6	1.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB3	6	1.53
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG21	8	1.53
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG22	8	1.53
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG23	8	1.53
(2,1218)	1:144:A:LEU:HD11	1:145:A:PRO:HD2	17	1.53
(2,1218)	1:144:A:LEU:HD12	1:145:A:PRO:HD2	17	1.53
(2,1218)	1:144:A:LEU:HD13	1:145:A:PRO:HD2	17	1.53
(2,709)	1:48:A:ARG:HE	1:49:A:LYS:HA	12	1.53
(2,709)	1:48:A:ARG:HE	1:49:A:LYS:HA	18	1.53
(2,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	15	1.53
(1,2027)	1:23:A:LEU:HD11	1:26:A:ASP:HA	2	1.53
(1,2027)	1:23:A:LEU:HD12	1:26:A:ASP:HA	2	1.53
(1,2027)	1:23:A:LEU:HD13	1:26:A:ASP:HA	2	1.53
(1,2027)	1:23:A:LEU:HD21	1:26:A:ASP:HA	2	1.53
(1,2027)	1:23:A:LEU:HD22	1:26:A:ASP:HA	2	1.53
(1,2027)	1:23:A:LEU:HD23	1:26:A:ASP:HA	2	1.53
(1,1920)	1:150:A:THR:H	1:151:A:PHE:HD1	11	1.53
(1,1920)	1:150:A:THR:H	1:151:A:PHE:HD2	11	1.53
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	10	1.53
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	10	1.53
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	10	1.53
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	10	1.53
(1,1274)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	8	1.53
(1,1274)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	8	1.53
(1,1274)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	8	1.53
(1,21)	1:94:A:ALA:H	1:95:A:ILE:HD11	2	1.53
(1,21)	1:94:A:ALA:H	1:95:A:ILE:HD12	2	1.53
(1,21)	1:94:A:ALA:H	1:95:A:ILE:HD13	2	1.53
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG11	9	1.52
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG12	9	1.52
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG13	9	1.52
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG21	9	1.52
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG22	9	1.52
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG23	9	1.52
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG21	7	1.52
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG22	7	1.52
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG23	7	1.52
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG21	19	1.52
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG22	19	1.52
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG23	19	1.52
(34,1097)	1:54:A:ARG:HA	1:58:A:ILE:HG13	17	1.52
(34,908)	1:10:A:ASN:HD22	1:11:A:ILE:HB	4	1.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	13	1.52
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	13	1.52
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	13	1.52
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	13	1.52
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	13	1.52
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	13	1.52
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	13	1.52
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	13	1.52
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	13	1.52
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	13	1.52
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	13	1.52
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	13	1.52
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB1	5	1.52
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB2	5	1.52
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB3	5	1.52
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG11	2	1.52
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG12	2	1.52
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG13	2	1.52
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB1	7	1.52
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB2	7	1.52
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB3	7	1.52
(29,2138)	1:40:A:LEU:HD11	1:41:A:LYS:HA	19	1.52
(29,2138)	1:40:A:LEU:HD12	1:41:A:LYS:HA	19	1.52
(29,2138)	1:40:A:LEU:HD13	1:41:A:LYS:HA	19	1.52
(29,2138)	1:40:A:LEU:HD21	1:41:A:LYS:HA	19	1.52
(29,2138)	1:40:A:LEU:HD22	1:41:A:LYS:HA	19	1.52
(29,2138)	1:40:A:LEU:HD23	1:41:A:LYS:HA	19	1.52
(29,721)	1:45:A:ALA:HA	1:48:A:ARG:HE	7	1.52
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD11	9	1.52
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD12	9	1.52
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD13	9	1.52
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD21	9	1.52
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD22	9	1.52
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD23	9	1.52
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD11	17	1.52
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD12	17	1.52
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD13	17	1.52
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD21	17	1.52
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD22	17	1.52
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD23	17	1.52
(18,2059)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	3	1.52
(18,2059)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	3	1.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2059)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	3	1.52
(18,2059)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	3	1.52
(18,2059)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	3	1.52
(18,2059)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	3	1.52
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	9	1.52
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	9	1.52
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	9	1.52
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	9	1.52
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	9	1.52
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	9	1.52
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE1	14	1.52
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE2	14	1.52
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE3	14	1.52
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE1	14	1.52
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE2	14	1.52
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE3	14	1.52
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE1	14	1.52
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE2	14	1.52
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE3	14	1.52
(18,1235)	1:79:A:THR:HG21	1:81:A:GLU:HA	5	1.52
(18,1235)	1:79:A:THR:HG22	1:81:A:GLU:HA	5	1.52
(18,1235)	1:79:A:THR:HG23	1:81:A:GLU:HA	5	1.52
(18,1235)	1:79:A:THR:HG21	1:81:A:GLU:HA	16	1.52
(18,1235)	1:79:A:THR:HG22	1:81:A:GLU:HA	16	1.52
(18,1235)	1:79:A:THR:HG23	1:81:A:GLU:HA	16	1.52
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB1	7	1.52
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB2	7	1.52
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB3	7	1.52
(18,456)	1:76:A:ARG:H	1:77:A:CYS:HB2	8	1.52
(17,1026)	1:113:A:PHE:HA	1:116:A:GLN:HG3	11	1.52
(16,2145)	1:41:A:LYS:HG3	1:44:A:GLU:HG2	9	1.52
(16,2145)	1:41:A:LYS:HG3	1:44:A:GLU:HG3	9	1.52
(16,1533)	1:69:A:MET:HE1	1:76:A:ARG:HB2	2	1.52
(16,1533)	1:69:A:MET:HE2	1:76:A:ARG:HB2	2	1.52
(16,1533)	1:69:A:MET:HE3	1:76:A:ARG:HB2	2	1.52
(16,1475)	1:95:A:ILE:HG21	1:97:A:ASP:H	4	1.52
(16,1475)	1:95:A:ILE:HG22	1:97:A:ASP:H	4	1.52
(16,1475)	1:95:A:ILE:HG23	1:97:A:ASP:H	4	1.52
(16,1121)	1:146:A:GLN:HA	1:147:A:ARG:HG2	2	1.52
(16,1121)	1:146:A:GLN:HA	1:147:A:ARG:HG3	2	1.52
(15,1950)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	3	1.52
(15,1950)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	3	1.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1950)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	3	1.52
(15,1950)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	3	1.52
(15,1950)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	3	1.52
(15,1950)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	3	1.52
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	14	1.52
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	14	1.52
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	14	1.52
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	14	1.52
(15,1575)	1:98:A:ILE:HD11	1:115:A:ALA:H	4	1.52
(15,1575)	1:98:A:ILE:HD12	1:115:A:ALA:H	4	1.52
(15,1575)	1:98:A:ILE:HD13	1:115:A:ALA:H	4	1.52
(15,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	4	1.52
(15,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	4	1.52
(15,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	4	1.52
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	19	1.52
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	19	1.52
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	19	1.52
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	19	1.52
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	19	1.52
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	19	1.52
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	19	1.52
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	19	1.52
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	19	1.52
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	19	1.52
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	19	1.52
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	19	1.52
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	19	1.52
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	19	1.52
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	19	1.52
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	19	1.52
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	19	1.52
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	19	1.52
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD11	17	1.52
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD12	17	1.52
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD13	17	1.52
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD21	17	1.52
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD22	17	1.52
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD23	17	1.52
(13,1848)	1:64:A:LYS:HD2	1:104:A:PHE:HZ	11	1.52
(13,1848)	1:64:A:LYS:HD3	1:104:A:PHE:HZ	11	1.52
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG11	16	1.52
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG12	16	1.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG13	16	1.52
(13,1289)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	9	1.52
(13,1289)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	9	1.52
(13,1289)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	9	1.52
(13,1289)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	18	1.52
(13,1289)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	18	1.52
(13,1289)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	18	1.52
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	7	1.52
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	7	1.52
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	7	1.52
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	7	1.52
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	7	1.52
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	7	1.52
(13,571)	1:148:A:CYS:HA	1:150:A:THR:H	17	1.52
(11,2177)	1:46:A:ASN:HD21	1:131:A:LEU:HA	5	1.52
(11,2177)	1:46:A:ASN:HD22	1:131:A:LEU:HA	5	1.52
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD21	17	1.52
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD22	17	1.52
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD23	17	1.52
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB2	2	1.52
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB3	2	1.52
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB2	2	1.52
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB3	2	1.52
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB2	2	1.52
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB3	2	1.52
(11,1042)	1:60:A:LEU:H	1:63:A:ILE:HG13	17	1.52
(11,577)	1:148:A:CYS:HA	1:150:A:THR:H	17	1.52
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG11	16	1.52
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG12	16	1.52
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG13	16	1.52
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG21	16	1.52
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG22	16	1.52
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG23	16	1.52
(9,486)	1:147:A:ARG:HD2	1:148:A:CYS:H	6	1.52
(9,486)	1:147:A:ARG:HD3	1:148:A:CYS:H	6	1.52
(7,1487)	1:43:A:MET:HE1	1:44:A:GLU:HA	10	1.52
(7,1487)	1:43:A:MET:HE2	1:44:A:GLU:HA	10	1.52
(7,1487)	1:43:A:MET:HE3	1:44:A:GLU:HA	10	1.52
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD21	19	1.52
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD22	19	1.52
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD23	19	1.52
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	5	1.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	5	1.52
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	5	1.52
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	5	1.52
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	5	1.52
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	5	1.52
(6,60)	1:34:A:LYS:H	1:81:A:GLU:H	19	1.52
(5,2120)	1:40:A:LEU:HB2	1:44:A:GLU:HG3	6	1.52
(5,2120)	1:40:A:LEU:HB3	1:44:A:GLU:HG3	6	1.52
(5,887)	1:11:A:ILE:HB	1:44:A:GLU:HG3	17	1.52
(3,662)	1:100:A:ALA:H	1:119:A:LEU:HG	9	1.52
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	19	1.52
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	19	1.52
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	19	1.52
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	19	1.52
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	19	1.52
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	19	1.52
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	19	1.52
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	19	1.52
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	19	1.52
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	5	1.52
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	5	1.52
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	5	1.52
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	5	1.52
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	5	1.52
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	5	1.52
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	5	1.52
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	5	1.52
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	5	1.52
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD21	3	1.52
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD22	3	1.52
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD23	3	1.52
(1,2058)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	3	1.52
(1,2058)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	3	1.52
(1,2058)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	3	1.52
(1,2058)	1:31:A:PRO:HD2	1:144:A:LEU:HD21	3	1.52
(1,2058)	1:31:A:PRO:HD2	1:144:A:LEU:HD22	3	1.52
(1,2058)	1:31:A:PRO:HD2	1:144:A:LEU:HD23	3	1.52
(1,2058)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	3	1.52
(1,2058)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	3	1.52
(1,2058)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	3	1.52
(1,2058)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	3	1.52
(1,2058)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	3	1.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2058)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	3	1.52
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	7	1.52
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	7	1.52
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	7	1.52
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	7	1.52
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	7	1.52
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	7	1.52
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE1	13	1.52
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE2	13	1.52
(1,1595)	1:98:A:ILE:HD11	1:115:A:ALA:H	4	1.52
(1,1595)	1:98:A:ILE:HD12	1:115:A:ALA:H	4	1.52
(1,1595)	1:98:A:ILE:HD13	1:115:A:ALA:H	4	1.52
(1,1385)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	9	1.52
(1,1385)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	9	1.52
(1,1385)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	9	1.52
(34,2208)	1:60:A:LEU:HD11	1:61:A:SER:HB2	5	1.51
(34,2208)	1:60:A:LEU:HD11	1:61:A:SER:HB3	5	1.51
(34,2208)	1:60:A:LEU:HD12	1:61:A:SER:HB2	5	1.51
(34,2208)	1:60:A:LEU:HD12	1:61:A:SER:HB3	5	1.51
(34,2208)	1:60:A:LEU:HD13	1:61:A:SER:HB2	5	1.51
(34,2208)	1:60:A:LEU:HD13	1:61:A:SER:HB3	5	1.51
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG11	3	1.51
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG12	3	1.51
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG13	3	1.51
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG21	3	1.51
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG22	3	1.51
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG23	3	1.51
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG11	19	1.51
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG12	19	1.51
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG13	19	1.51
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG21	19	1.51
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG22	19	1.51
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG23	19	1.51
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	7	1.51
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	7	1.51
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	7	1.51
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	7	1.51
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	7	1.51
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	7	1.51
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	7	1.51
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	7	1.51
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	7	1.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	7	1.51
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	7	1.51
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	7	1.51
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	7	1.51
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	7	1.51
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	7	1.51
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	7	1.51
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	7	1.51
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	7	1.51
(34,1777)	1:97:A:ASP:HA	1:105:A:LYS:HG2	13	1.51
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG21	12	1.51
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG22	12	1.51
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG23	12	1.51
(34,1094)	1:66:A:THR:HG21	1:95:A:ILE:HA	3	1.51
(34,1094)	1:66:A:THR:HG22	1:95:A:ILE:HA	3	1.51
(34,1094)	1:66:A:THR:HG23	1:95:A:ILE:HA	3	1.51
(34,156)	1:67:A:PRO:HD3	1:95:A:ILE:H	16	1.51
(33,2068)	1:32:A:GLY:HA2	1:34:A:LYS:H	7	1.51
(33,2068)	1:32:A:GLY:HA3	1:34:A:LYS:H	7	1.51
(33,1914)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	6	1.51
(32,2487)	1:144:A:LEU:HD11	1:146:A:GLN:HG2	1	1.51
(32,2487)	1:144:A:LEU:HD11	1:146:A:GLN:HG3	1	1.51
(32,2487)	1:144:A:LEU:HD12	1:146:A:GLN:HG2	1	1.51
(32,2487)	1:144:A:LEU:HD12	1:146:A:GLN:HG3	1	1.51
(32,2487)	1:144:A:LEU:HD13	1:146:A:GLN:HG2	1	1.51
(32,2487)	1:144:A:LEU:HD13	1:146:A:GLN:HG3	1	1.51
(32,2487)	1:144:A:LEU:HD21	1:146:A:GLN:HG2	1	1.51
(32,2487)	1:144:A:LEU:HD21	1:146:A:GLN:HG3	1	1.51
(32,2487)	1:144:A:LEU:HD22	1:146:A:GLN:HG2	1	1.51
(32,2487)	1:144:A:LEU:HD22	1:146:A:GLN:HG3	1	1.51
(32,2487)	1:144:A:LEU:HD23	1:146:A:GLN:HG2	1	1.51
(32,2487)	1:144:A:LEU:HD23	1:146:A:GLN:HG3	1	1.51
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG2	4	1.51
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	4	1.51
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG2	4	1.51
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	4	1.51
(32,2166)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	11	1.51
(32,2166)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	11	1.51
(32,2166)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	11	1.51
(32,2166)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	11	1.51
(32,2166)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	11	1.51
(32,2166)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	11	1.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2166)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	11	1.51
(32,2166)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	11	1.51
(32,2166)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	11	1.51
(32,2166)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	11	1.51
(32,2166)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	11	1.51
(32,2166)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	11	1.51
(32,2166)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	11	1.51
(32,2166)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	11	1.51
(32,2166)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	11	1.51
(32,2166)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	11	1.51
(32,2166)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	11	1.51
(32,2166)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	11	1.51
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	7	1.51
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	7	1.51
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	7	1.51
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	7	1.51
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	7	1.51
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	7	1.51
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	7	1.51
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	7	1.51
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	7	1.51
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	7	1.51
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	7	1.51
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	7	1.51
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	7	1.51
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	7	1.51
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	7	1.51
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	7	1.51
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	7	1.51
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	7	1.51
(32,1003)	1:11:A:ILE:HB	1:44:A:GLU:HB2	10	1.51
(32,1003)	1:11:A:ILE:HB	1:44:A:GLU:HB3	10	1.51
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD11	13	1.51
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD12	13	1.51
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD13	13	1.51
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD11	13	1.51
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD12	13	1.51
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD13	13	1.51
(30,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	13	1.51
(30,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	13	1.51
(30,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	13	1.51
(30,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	13	1.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	13	1.51
(30,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	13	1.51
(30,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	13	1.51
(30,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	13	1.51
(30,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	13	1.51
(30,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	13	1.51
(30,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	13	1.51
(30,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	13	1.51
(30,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	17	1.51
(30,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	17	1.51
(30,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	17	1.51
(30,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	17	1.51
(30,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	17	1.51
(30,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	17	1.51
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE1	17	1.51
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE2	17	1.51
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE1	17	1.51
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE2	17	1.51
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE1	17	1.51
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE2	17	1.51
(30,1373)	1:47:A:ALA:H	1:134:A:VAL:HG11	6	1.51
(30,1373)	1:47:A:ALA:H	1:134:A:VAL:HG12	6	1.51
(30,1373)	1:47:A:ALA:H	1:134:A:VAL:HG13	6	1.51
(30,1027)	1:11:A:ILE:HB	1:44:A:GLU:HB2	10	1.51
(30,1027)	1:11:A:ILE:HB	1:44:A:GLU:HB3	10	1.51
(29,1051)	1:11:A:ILE:HB	1:44:A:GLU:HB2	10	1.51
(29,1051)	1:11:A:ILE:HB	1:44:A:GLU:HB3	10	1.51
(29,834)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	17	1.51
(29,834)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	17	1.51
(29,834)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	17	1.51
(29,747)	1:46:A:ASN:HD21	1:134:A:VAL:HA	13	1.51
(19,16)	1:52:A:CYS:SG	1:56:A:CYS:CB	10	1.51
(18,2132)	1:41:A:LYS:HG2	1:44:A:GLU:HG2	9	1.51
(18,2132)	1:41:A:LYS:HG2	1:44:A:GLU:HG3	9	1.51
(18,2132)	1:41:A:LYS:HG3	1:44:A:GLU:HG2	9	1.51
(18,2132)	1:41:A:LYS:HG3	1:44:A:GLU:HG3	9	1.51
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	7	1.51
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	7	1.51
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	7	1.51
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	7	1.51
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	7	1.51
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	7	1.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	7	1.51
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	7	1.51
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	7	1.51
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	7	1.51
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	7	1.51
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	7	1.51
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	7	1.51
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	7	1.51
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	7	1.51
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	7	1.51
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	7	1.51
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	7	1.51
(18,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	17	1.51
(18,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	17	1.51
(18,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	17	1.51
(18,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	17	1.51
(18,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	17	1.51
(18,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	17	1.51
(18,1682)	1:43:A:MET:HE1	1:131:A:LEU:HA	16	1.51
(18,1682)	1:43:A:MET:HE2	1:131:A:LEU:HA	16	1.51
(18,1682)	1:43:A:MET:HE3	1:131:A:LEU:HA	16	1.51
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE1	17	1.51
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE2	17	1.51
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE3	17	1.51
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE1	17	1.51
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE2	17	1.51
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE3	17	1.51
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE1	17	1.51
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE2	17	1.51
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE3	17	1.51
(18,1376)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	9	1.51
(18,1376)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	9	1.51
(18,1376)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	9	1.51
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	1	1.51
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	1	1.51
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	1	1.51
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	1	1.51
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	8	1.51
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	8	1.51
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	8	1.51
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	8	1.51
(17,829)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	17	1.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,829)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	17	1.51
(17,829)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	17	1.51
(16,2151)	1:43:A:MET:HE1	1:131:A:LEU:HB2	4	1.51
(16,2151)	1:43:A:MET:HE1	1:131:A:LEU:HB3	4	1.51
(16,2151)	1:43:A:MET:HE2	1:131:A:LEU:HB2	4	1.51
(16,2151)	1:43:A:MET:HE2	1:131:A:LEU:HB3	4	1.51
(16,2151)	1:43:A:MET:HE3	1:131:A:LEU:HB2	4	1.51
(16,2151)	1:43:A:MET:HE3	1:131:A:LEU:HB3	4	1.51
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	7	1.51
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	7	1.51
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	7	1.51
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	7	1.51
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	7	1.51
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	7	1.51
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	7	1.51
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	7	1.51
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	7	1.51
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	7	1.51
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	7	1.51
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	7	1.51
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	7	1.51
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	7	1.51
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	7	1.51
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	7	1.51
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	7	1.51
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	7	1.51
(16,1961)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	4	1.51
(16,1961)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	4	1.51
(16,1961)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	4	1.51
(16,1961)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	4	1.51
(16,1961)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	4	1.51
(16,1961)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	4	1.51
(16,1961)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	4	1.51
(16,1961)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	4	1.51
(16,1961)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	4	1.51
(16,1961)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	4	1.51
(16,1961)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	4	1.51
(16,1961)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	4	1.51
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG21	13	1.51
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG22	13	1.51
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG23	13	1.51
(16,884)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	2	1.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,884)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	2	1.51
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD21	15	1.51
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD22	15	1.51
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD23	15	1.51
(15,1575)	1:98:A:ILE:HD11	1:115:A:ALA:H	18	1.51
(15,1575)	1:98:A:ILE:HD12	1:115:A:ALA:H	18	1.51
(15,1575)	1:98:A:ILE:HD13	1:115:A:ALA:H	18	1.51
(15,1036)	1:60:A:LEU:H	1:63:A:ILE:HG13	17	1.51
(15,994)	1:98:A:ILE:H	1:105:A:LYS:HD2	19	1.51
(15,994)	1:98:A:ILE:H	1:105:A:LYS:HD3	19	1.51
(15,594)	1:75:A:GLY:H	1:77:A:CYS:HB3	8	1.51
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	7	1.51
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	7	1.51
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	7	1.51
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	7	1.51
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	7	1.51
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	7	1.51
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	7	1.51
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	7	1.51
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	7	1.51
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	7	1.51
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	7	1.51
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	7	1.51
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	7	1.51
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	7	1.51
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	7	1.51
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	7	1.51
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	7	1.51
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	7	1.51
(13,1908)	1:10:A:ASN:HD21	1:80:A:TYR:HB3	5	1.51
(13,1908)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	5	1.51
(13,1873)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	6	1.51
(13,1848)	1:64:A:LYS:HD2	1:104:A:PHE:HZ	5	1.51
(13,1848)	1:64:A:LYS:HD3	1:104:A:PHE:HZ	5	1.51
(13,1426)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	14	1.51
(13,1426)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	14	1.51
(13,1426)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	14	1.51
(13,698)	1:44:A:GLU:HB2	1:48:A:ARG:HE	15	1.51
(13,698)	1:44:A:GLU:HB3	1:48:A:ARG:HE	15	1.51
(11,2460)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	4	1.51
(11,2460)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	4	1.51
(11,2460)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	4	1.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2460)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	4	1.51
(11,2238)	1:66:A:THR:H	1:70:A:LYS:HD2	10	1.51
(11,2238)	1:66:A:THR:H	1:70:A:LYS:HD3	10	1.51
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	16	1.51
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	16	1.51
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	16	1.51
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	16	1.51
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	16	1.51
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	16	1.51
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	16	1.51
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	16	1.51
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	16	1.51
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	16	1.51
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	16	1.51
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	16	1.51
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	16	1.51
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	16	1.51
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	16	1.51
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	16	1.51
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	16	1.51
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	16	1.51
(11,2076)	1:34:A:LYS:H	1:81:A:GLU:HB2	19	1.51
(11,2076)	1:34:A:LYS:H	1:81:A:GLU:HB3	19	1.51
(11,1934)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	6	1.51
(11,1682)	1:134:A:VAL:HG11	1:137:A:SER:H	5	1.51
(11,1682)	1:134:A:VAL:HG12	1:137:A:SER:H	5	1.51
(11,1682)	1:134:A:VAL:HG13	1:137:A:SER:H	5	1.51
(11,1422)	1:56:A:CYS:HA	1:120:A:CYS:HA	13	1.51
(11,1241)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	19	1.51
(11,1241)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	19	1.51
(11,1241)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	19	1.51
(11,1047)	1:11:A:ILE:HB	1:44:A:GLU:HB2	10	1.51
(11,1047)	1:11:A:ILE:HB	1:44:A:GLU:HB3	10	1.51
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	5	1.51
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	5	1.51
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	5	1.51
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	5	1.51
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	5	1.51
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	5	1.51
(9,2059)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	9	1.51
(9,2059)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	9	1.51
(9,2059)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	9	1.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2059)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	9	1.51
(9,2059)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	9	1.51
(9,2059)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	9	1.51
(9,2001)	1:17:A:ASN:HD21	1:78:A:HIS:H	16	1.51
(9,2001)	1:17:A:ASN:HD22	1:78:A:HIS:H	16	1.51
(9,1451)	1:13:A:ALA:HB1	1:78:A:HIS:HA	3	1.51
(9,1451)	1:13:A:ALA:HB2	1:78:A:HIS:HA	3	1.51
(9,1451)	1:13:A:ALA:HB3	1:78:A:HIS:HA	3	1.51
(9,817)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	17	1.51
(9,817)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	17	1.51
(9,817)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	17	1.51
(9,730)	1:46:A:ASN:HD21	1:134:A:VAL:HA	13	1.51
(7,2050)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	9	1.51
(7,2050)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	9	1.51
(7,2050)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	9	1.51
(7,2050)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	9	1.51
(7,2050)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	9	1.51
(7,2050)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	9	1.51
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	17	1.51
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	17	1.51
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	17	1.51
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	17	1.51
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	17	1.51
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	17	1.51
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG11	15	1.51
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG12	15	1.51
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG13	15	1.51
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG21	15	1.51
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG22	15	1.51
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG23	15	1.51
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD11	12	1.51
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD12	12	1.51
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD13	12	1.51
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD21	12	1.51
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD22	12	1.51
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD23	12	1.51
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE1	18	1.51
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE2	18	1.51
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE3	18	1.51
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE1	18	1.51
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE2	18	1.51
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE3	18	1.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG21	1	1.51
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG22	1	1.51
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG23	1	1.51
(7,971)	1:12:A:VAL:HB	1:40:A:LEU:H	7	1.51
(7,743)	1:43:A:MET:HE1	1:134:A:VAL:H	2	1.51
(7,743)	1:43:A:MET:HE2	1:134:A:VAL:H	2	1.51
(7,743)	1:43:A:MET:HE3	1:134:A:VAL:H	2	1.51
(7,743)	1:43:A:MET:HE1	1:134:A:VAL:H	10	1.51
(7,743)	1:43:A:MET:HE2	1:134:A:VAL:H	10	1.51
(7,743)	1:43:A:MET:HE3	1:134:A:VAL:H	10	1.51
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG11	4	1.51
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG12	4	1.51
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG13	4	1.51
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG21	4	1.51
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG22	4	1.51
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG23	4	1.51
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG11	4	1.51
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG12	4	1.51
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG13	4	1.51
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG21	4	1.51
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG22	4	1.51
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG23	4	1.51
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG11	4	1.51
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG12	4	1.51
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG13	4	1.51
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG21	4	1.51
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG22	4	1.51
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG23	4	1.51
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	11	1.51
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	11	1.51
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	11	1.51
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	11	1.51
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	11	1.51
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	11	1.51
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	11	1.51
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	11	1.51
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	11	1.51
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	11	1.51
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	11	1.51
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	11	1.51
(6,2028)	1:17:A:ASN:HD21	1:78:A:HIS:H	16	1.51
(6,2028)	1:17:A:ASN:HD22	1:78:A:HIS:H	16	1.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1021)	1:11:A:ILE:HB	1:44:A:GLU:HB2	10	1.51
(6,1021)	1:11:A:ILE:HB	1:44:A:GLU:HB3	10	1.51
(5,2029)	1:23:A:LEU:HD11	1:27:A:ARG:HA	14	1.51
(5,2029)	1:23:A:LEU:HD12	1:27:A:ARG:HA	14	1.51
(5,2029)	1:23:A:LEU:HD13	1:27:A:ARG:HA	14	1.51
(5,2029)	1:23:A:LEU:HD21	1:27:A:ARG:HA	14	1.51
(5,2029)	1:23:A:LEU:HD22	1:27:A:ARG:HA	14	1.51
(5,2029)	1:23:A:LEU:HD23	1:27:A:ARG:HA	14	1.51
(5,1935)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	6	1.51
(5,1809)	1:13:A:ALA:H	1:80:A:TYR:HD1	8	1.51
(5,1809)	1:13:A:ALA:H	1:80:A:TYR:HD2	8	1.51
(5,1749)	1:21:A:THR:HG21	1:24:A:ASP:HB2	11	1.51
(5,1749)	1:21:A:THR:HG21	1:24:A:ASP:HB3	11	1.51
(5,1749)	1:21:A:THR:HG22	1:24:A:ASP:HB2	11	1.51
(5,1749)	1:21:A:THR:HG22	1:24:A:ASP:HB3	11	1.51
(5,1749)	1:21:A:THR:HG23	1:24:A:ASP:HB2	11	1.51
(5,1749)	1:21:A:THR:HG23	1:24:A:ASP:HB3	11	1.51
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG21	4	1.51
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG22	4	1.51
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG23	4	1.51
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	1	1.51
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	1	1.51
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	1	1.51
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	1	1.51
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	8	1.51
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	8	1.51
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	8	1.51
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	8	1.51
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG2	2	1.51
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG3	2	1.51
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG2	2	1.51
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG3	2	1.51
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG2	2	1.51
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG3	2	1.51
(5,817)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	17	1.51
(5,817)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	17	1.51
(5,817)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	17	1.51
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	19	1.51
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	19	1.51
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	19	1.51
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	19	1.51
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	19	1.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	19	1.51
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	19	1.51
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	19	1.51
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	19	1.51
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE1	11	1.51
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE2	11	1.51
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	7	1.51
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	7	1.51
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	7	1.51
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	7	1.51
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	7	1.51
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	7	1.51
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	7	1.51
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	7	1.51
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	7	1.51
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	7	1.51
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	7	1.51
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	7	1.51
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	7	1.51
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	7	1.51
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	7	1.51
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	7	1.51
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	7	1.51
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	7	1.51
(4,740)	1:43:A:MET:HE1	1:134:A:VAL:H	2	1.51
(4,740)	1:43:A:MET:HE2	1:134:A:VAL:H	2	1.51
(4,740)	1:43:A:MET:HE3	1:134:A:VAL:H	2	1.51
(4,740)	1:43:A:MET:HE1	1:134:A:VAL:H	10	1.51
(4,740)	1:43:A:MET:HE2	1:134:A:VAL:H	10	1.51
(4,740)	1:43:A:MET:HE3	1:134:A:VAL:H	10	1.51
(4,722)	1:46:A:ASN:HD21	1:134:A:VAL:HA	13	1.51
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD11	1	1.51
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD12	1	1.51
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD13	1	1.51
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	5	1.51
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	5	1.51
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	5	1.51
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	5	1.51
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	5	1.51
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	5	1.51
(3,278)	1:113:A:PHE:H	1:116:A:GLN:HG3	16	1.51
(3,175)	1:8:A:ASP:H	1:58:A:ILE:HG13	12	1.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,174)	1:8:A:ASP:H	1:58:A:ILE:HG13	12	1.51
(1,2187)	1:60:A:LEU:HG	1:131:A:LEU:HD11	7	1.51
(1,2187)	1:60:A:LEU:HG	1:131:A:LEU:HD12	7	1.51
(1,2187)	1:60:A:LEU:HG	1:131:A:LEU:HD13	7	1.51
(1,2187)	1:60:A:LEU:HG	1:131:A:LEU:HD21	7	1.51
(1,2187)	1:60:A:LEU:HG	1:131:A:LEU:HD22	7	1.51
(1,2187)	1:60:A:LEU:HG	1:131:A:LEU:HD23	7	1.51
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE1	18	1.51
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE2	18	1.51
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE3	18	1.51
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE1	18	1.51
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE2	18	1.51
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE3	18	1.51
(1,1595)	1:98:A:ILE:HD11	1:115:A:ALA:H	18	1.51
(1,1595)	1:98:A:ILE:HD12	1:115:A:ALA:H	18	1.51
(1,1595)	1:98:A:ILE:HD13	1:115:A:ALA:H	18	1.51
(1,745)	1:46:A:ASN:HD21	1:134:A:VAL:HA	13	1.51
(34,2264)	1:74:A:PRO:HA	1:77:A:CYS:HB2	8	1.5
(34,2264)	1:74:A:PRO:HA	1:77:A:CYS:HB3	8	1.5
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG11	18	1.5
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG12	18	1.5
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG13	18	1.5
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG21	18	1.5
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG22	18	1.5
(34,2175)	1:50:A:ALA:HA	1:134:A:VAL:HG23	18	1.5
(34,2135)	1:40:A:LEU:HD11	1:41:A:LYS:HA	13	1.5
(34,2135)	1:40:A:LEU:HD12	1:41:A:LYS:HA	13	1.5
(34,2135)	1:40:A:LEU:HD13	1:41:A:LYS:HA	13	1.5
(34,2135)	1:40:A:LEU:HD21	1:41:A:LYS:HA	13	1.5
(34,2135)	1:40:A:LEU:HD22	1:41:A:LYS:HA	13	1.5
(34,2135)	1:40:A:LEU:HD23	1:41:A:LYS:HA	13	1.5
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	18	1.5
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	18	1.5
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	18	1.5
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	18	1.5
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	18	1.5
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	18	1.5
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	18	1.5
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	18	1.5
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	18	1.5
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	18	1.5
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	18	1.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	18	1.5
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE1	10	1.5
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE2	10	1.5
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE3	10	1.5
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE1	10	1.5
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE2	10	1.5
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE3	10	1.5
(34,1251)	1:144:A:LEU:HD11	1:145:A:PRO:HD2	5	1.5
(34,1251)	1:144:A:LEU:HD12	1:145:A:PRO:HD2	5	1.5
(34,1251)	1:144:A:LEU:HD13	1:145:A:PRO:HD2	5	1.5
(34,1134)	1:18:A:PHE:HA	1:113:A:PHE:HZ	1	1.5
(34,111)	1:69:A:MET:H	1:70:A:LYS:HG2	6	1.5
(33,953)	1:39:A:VAL:HA	1:140:A:LEU:HD21	10	1.5
(33,953)	1:39:A:VAL:HA	1:140:A:LEU:HD22	10	1.5
(33,953)	1:39:A:VAL:HA	1:140:A:LEU:HD23	10	1.5
(32,1784)	1:9:A:PHE:HZ	1:54:A:ARG:HE	9	1.5
(32,1721)	1:140:A:LEU:HD21	1:143:A:TRP:HD1	13	1.5
(32,1721)	1:140:A:LEU:HD22	1:143:A:TRP:HD1	13	1.5
(32,1721)	1:140:A:LEU:HD23	1:143:A:TRP:HD1	13	1.5
(32,1072)	1:18:A:PHE:HA	1:113:A:PHE:HZ	1	1.5
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD11	16	1.5
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD12	16	1.5
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD13	16	1.5
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD21	16	1.5
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD22	16	1.5
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD23	16	1.5
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD11	15	1.5
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD12	15	1.5
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD13	15	1.5
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD21	15	1.5
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD22	15	1.5
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD23	15	1.5
(30,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	10	1.5
(30,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	10	1.5
(30,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	10	1.5
(30,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	10	1.5
(30,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	10	1.5
(30,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	10	1.5
(30,1948)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	12	1.5
(30,1948)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	12	1.5
(30,1948)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	12	1.5
(30,1948)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	12	1.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1948)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	12	1.5
(30,1948)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	12	1.5
(30,1920)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	19	1.5
(30,1920)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	19	1.5
(30,1912)	1:35:A:LEU:HG	1:80:A:TYR:HE1	6	1.5
(30,1912)	1:35:A:LEU:HG	1:80:A:TYR:HE2	6	1.5
(30,1221)	1:144:A:LEU:HD11	1:145:A:PRO:HD2	5	1.5
(30,1221)	1:144:A:LEU:HD12	1:145:A:PRO:HD2	5	1.5
(30,1221)	1:144:A:LEU:HD13	1:145:A:PRO:HD2	5	1.5
(30,961)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	14	1.5
(30,961)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	14	1.5
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	16	1.5
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	16	1.5
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	16	1.5
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	16	1.5
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	16	1.5
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	16	1.5
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD11	16	1.5
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD12	16	1.5
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD13	16	1.5
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD21	16	1.5
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD22	16	1.5
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD23	16	1.5
(29,2259)	1:74:A:PRO:HA	1:77:A:CYS:HB2	8	1.5
(29,2259)	1:74:A:PRO:HA	1:77:A:CYS:HB3	8	1.5
(29,1117)	1:18:A:PHE:HA	1:113:A:PHE:HZ	1	1.5
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB1	12	1.5
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB2	12	1.5
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB3	12	1.5
(29,847)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	14	1.5
(29,847)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	14	1.5
(29,847)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	14	1.5
(29,847)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	14	1.5
(29,847)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	14	1.5
(29,847)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	14	1.5
(29,167)	1:127:A:CYS:H	1:129:A:LYS:HG2	8	1.5
(19,14)	1:52:A:CYS:SG	1:123:A:CYS:CB	14	1.5
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	12	1.5
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	12	1.5
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	12	1.5
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	12	1.5
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	12	1.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	12	1.5
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	12	1.5
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	12	1.5
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	12	1.5
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	12	1.5
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	12	1.5
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	12	1.5
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	18	1.5
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	18	1.5
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	18	1.5
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	18	1.5
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	18	1.5
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	18	1.5
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	18	1.5
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	18	1.5
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	18	1.5
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	18	1.5
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	18	1.5
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	18	1.5
(18,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	10	1.5
(18,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	10	1.5
(18,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	10	1.5
(18,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	10	1.5
(18,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	10	1.5
(18,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	10	1.5
(18,1791)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	3	1.5
(18,1791)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	3	1.5
(18,1461)	1:67:A:PRO:HD3	1:95:A:ILE:HA	7	1.5
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	8	1.5
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	8	1.5
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	8	1.5
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	8	1.5
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	8	1.5
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	8	1.5
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	8	1.5
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	8	1.5
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	8	1.5
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	8	1.5
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	8	1.5
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	8	1.5
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	8	1.5
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	8	1.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	8	1.5
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	8	1.5
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	8	1.5
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	8	1.5
(17,1964)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	12	1.5
(17,1964)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	12	1.5
(17,1964)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	12	1.5
(17,1964)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	12	1.5
(17,1964)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	12	1.5
(17,1964)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	12	1.5
(17,1882)	1:9:A:PHE:HE1	1:14:A:VAL:HB	14	1.5
(17,1882)	1:9:A:PHE:HE2	1:14:A:VAL:HB	14	1.5
(17,1488)	1:67:A:PRO:HD3	1:95:A:ILE:HA	7	1.5
(17,1115)	1:18:A:PHE:HA	1:113:A:PHE:HZ	1	1.5
(17,714)	1:44:A:GLU:HB2	1:48:A:ARG:HE	15	1.5
(17,714)	1:44:A:GLU:HB3	1:48:A:ARG:HE	15	1.5
(17,475)	1:147:A:ARG:HD2	1:148:A:CYS:H	6	1.5
(17,475)	1:147:A:ARG:HD3	1:148:A:CYS:H	6	1.5
(17,107)	1:69:A:MET:H	1:70:A:LYS:HG2	6	1.5
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG11	19	1.5
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG12	19	1.5
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG13	19	1.5
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG21	19	1.5
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG22	19	1.5
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG23	19	1.5
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD21	14	1.5
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD22	14	1.5
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD21	14	1.5
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD22	14	1.5
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD21	14	1.5
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD22	14	1.5
(16,2071)	1:32:A:GLY:HA2	1:81:A:GLU:H	14	1.5
(16,2071)	1:32:A:GLY:HA3	1:81:A:GLU:H	14	1.5
(16,2070)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	16	1.5
(16,2070)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	16	1.5
(16,2070)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	16	1.5
(16,2070)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	16	1.5
(16,1933)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	12	1.5
(16,1933)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	12	1.5
(16,1933)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	12	1.5
(16,1933)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	12	1.5
(16,1933)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	12	1.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1933)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	12	1.5
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG21	16	1.5
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG22	16	1.5
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG23	16	1.5
(16,978)	1:11:A:ILE:HG12	1:43:A:MET:HB2	11	1.5
(16,966)	1:40:A:LEU:HA	1:43:A:MET:HG2	9	1.5
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	16	1.5
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	16	1.5
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	16	1.5
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	16	1.5
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	16	1.5
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	16	1.5
(16,727)	1:63:A:ILE:HG12	1:116:A:GLN:HE22	4	1.5
(16,107)	1:69:A:MET:H	1:70:A:LYS:HG2	6	1.5
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG2	10	1.5
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG3	10	1.5
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG2	19	1.5
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG3	19	1.5
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG11	8	1.5
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG12	8	1.5
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG13	8	1.5
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG21	8	1.5
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG22	8	1.5
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG23	8	1.5
(15,1926)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	12	1.5
(15,1926)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	12	1.5
(15,1926)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	12	1.5
(15,1926)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	12	1.5
(15,1926)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	12	1.5
(15,1926)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	12	1.5
(15,1887)	1:35:A:LEU:HG	1:80:A:TYR:HE1	6	1.5
(15,1887)	1:35:A:LEU:HG	1:80:A:TYR:HE2	6	1.5
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	9	1.5
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	9	1.5
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	9	1.5
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	9	1.5
(15,1575)	1:98:A:ILE:HD11	1:115:A:ALA:H	7	1.5
(15,1575)	1:98:A:ILE:HD12	1:115:A:ALA:H	7	1.5
(15,1575)	1:98:A:ILE:HD13	1:115:A:ALA:H	7	1.5
(15,1575)	1:98:A:ILE:HD11	1:115:A:ALA:H	11	1.5
(15,1575)	1:98:A:ILE:HD12	1:115:A:ALA:H	11	1.5
(15,1575)	1:98:A:ILE:HD13	1:115:A:ALA:H	11	1.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	19	1.5
(15,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	19	1.5
(15,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	19	1.5
(15,1106)	1:18:A:PHE:HA	1:113:A:PHE:HZ	1	1.5
(15,762)	1:13:A:ALA:HB1	1:34:A:LYS:H	19	1.5
(15,762)	1:13:A:ALA:HB2	1:34:A:LYS:H	19	1.5
(15,762)	1:13:A:ALA:HB3	1:34:A:LYS:H	19	1.5
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD11	8	1.5
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD12	8	1.5
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD13	8	1.5
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD11	8	1.5
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD12	8	1.5
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD13	8	1.5
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	18	1.5
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	18	1.5
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	18	1.5
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	18	1.5
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	18	1.5
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	18	1.5
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	18	1.5
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	18	1.5
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	18	1.5
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	18	1.5
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	18	1.5
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	18	1.5
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	18	1.5
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	18	1.5
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	18	1.5
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	18	1.5
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	18	1.5
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	18	1.5
(11,1997)	1:12:A:VAL:HG11	1:43:A:MET:HE1	11	1.5
(11,1997)	1:12:A:VAL:HG11	1:43:A:MET:HE2	11	1.5
(11,1997)	1:12:A:VAL:HG11	1:43:A:MET:HE3	11	1.5
(11,1997)	1:12:A:VAL:HG12	1:43:A:MET:HE1	11	1.5
(11,1997)	1:12:A:VAL:HG12	1:43:A:MET:HE2	11	1.5
(11,1997)	1:12:A:VAL:HG12	1:43:A:MET:HE3	11	1.5
(11,1997)	1:12:A:VAL:HG13	1:43:A:MET:HE1	11	1.5
(11,1997)	1:12:A:VAL:HG13	1:43:A:MET:HE2	11	1.5
(11,1997)	1:12:A:VAL:HG13	1:43:A:MET:HE3	11	1.5
(11,1997)	1:12:A:VAL:HG21	1:43:A:MET:HE1	11	1.5
(11,1997)	1:12:A:VAL:HG21	1:43:A:MET:HE2	11	1.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1997)	1:12:A:VAL:HG21	1:43:A:MET:HE3	11	1.5
(11,1997)	1:12:A:VAL:HG22	1:43:A:MET:HE1	11	1.5
(11,1997)	1:12:A:VAL:HG22	1:43:A:MET:HE2	11	1.5
(11,1997)	1:12:A:VAL:HG22	1:43:A:MET:HE3	11	1.5
(11,1997)	1:12:A:VAL:HG23	1:43:A:MET:HE1	11	1.5
(11,1997)	1:12:A:VAL:HG23	1:43:A:MET:HE2	11	1.5
(11,1997)	1:12:A:VAL:HG23	1:43:A:MET:HE3	11	1.5
(11,1941)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	19	1.5
(11,1941)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	19	1.5
(11,1822)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	1	1.5
(11,1822)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	1	1.5
(11,1822)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	1	1.5
(11,1822)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	1	1.5
(11,1822)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	1	1.5
(11,1822)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	1	1.5
(11,1239)	1:34:A:LYS:H	1:81:A:GLU:HA	5	1.5
(11,94)	1:95:A:ILE:HG21	1:97:A:ASP:H	6	1.5
(11,94)	1:95:A:ILE:HG22	1:97:A:ASP:H	6	1.5
(11,94)	1:95:A:ILE:HG23	1:97:A:ASP:H	6	1.5
(9,1463)	1:67:A:PRO:HD3	1:95:A:ILE:HA	4	1.5
(9,962)	1:11:A:ILE:HG12	1:43:A:MET:HB2	11	1.5
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD11	13	1.5
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD12	13	1.5
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD13	13	1.5
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD21	13	1.5
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD22	13	1.5
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD23	13	1.5
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD11	13	1.5
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD12	13	1.5
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD13	13	1.5
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD21	13	1.5
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD22	13	1.5
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD23	13	1.5
(7,1826)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	7	1.5
(7,1215)	1:39:A:VAL:H	1:139:A:LEU:HD21	17	1.5
(7,1215)	1:39:A:VAL:H	1:139:A:LEU:HD22	17	1.5
(7,1215)	1:39:A:VAL:H	1:139:A:LEU:HD23	17	1.5
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB1	12	1.5
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB2	12	1.5
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB3	12	1.5
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	16	1.5
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	16	1.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	16	1.5
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	16	1.5
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	16	1.5
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	16	1.5
(6,1505)	1:43:A:MET:HE1	1:46:A:ASN:HB2	5	1.5
(6,1505)	1:43:A:MET:HE2	1:46:A:ASN:HB2	5	1.5
(6,1505)	1:43:A:MET:HE3	1:46:A:ASN:HB2	5	1.5
(6,1256)	1:15:A:ALA:HA	1:131:A:LEU:HB2	18	1.5
(6,1217)	1:144:A:LEU:HD11	1:145:A:PRO:HD2	5	1.5
(6,1217)	1:144:A:LEU:HD12	1:145:A:PRO:HD2	5	1.5
(6,1217)	1:144:A:LEU:HD13	1:145:A:PRO:HD2	5	1.5
(6,1088)	1:18:A:PHE:HA	1:113:A:PHE:HZ	1	1.5
(5,2237)	1:68:A:LYS:H	1:70:A:LYS:HG2	14	1.5
(5,2237)	1:68:A:LYS:H	1:70:A:LYS:HG3	14	1.5
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD2	5	1.5
(5,1525)	1:43:A:MET:HE1	1:147:A:ARG:HD3	5	1.5
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD2	5	1.5
(5,1525)	1:43:A:MET:HE2	1:147:A:ARG:HD3	5	1.5
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD2	5	1.5
(5,1525)	1:43:A:MET:HE3	1:147:A:ARG:HD3	5	1.5
(5,911)	1:43:A:MET:H	1:44:A:GLU:HG2	11	1.5
(5,911)	1:43:A:MET:H	1:44:A:GLU:HG3	11	1.5
(5,27)	1:13:A:ALA:H	1:14:A:VAL:HB	8	1.5
(4,1833)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	7	1.5
(4,1088)	1:18:A:PHE:HA	1:113:A:PHE:HZ	1	1.5
(3,1949)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	19	1.5
(3,1949)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	19	1.5
(3,1847)	1:9:A:PHE:HZ	1:54:A:ARG:HE	9	1.5
(3,1792)	1:140:A:LEU:HD21	1:143:A:TRP:HD1	13	1.5
(3,1792)	1:140:A:LEU:HD22	1:143:A:TRP:HD1	13	1.5
(3,1792)	1:140:A:LEU:HD23	1:143:A:TRP:HD1	13	1.5
(3,1126)	1:18:A:PHE:HA	1:113:A:PHE:HZ	1	1.5
(3,917)	1:21:A:THR:HB	1:24:A:ASP:H	12	1.5
(3,662)	1:100:A:ALA:H	1:119:A:LEU:HG	7	1.5
(3,278)	1:113:A:PHE:H	1:116:A:GLN:HG3	9	1.5
(2,2264)	1:68:A:LYS:H	1:70:A:LYS:HG2	14	1.5
(2,2264)	1:68:A:LYS:H	1:70:A:LYS:HG3	14	1.5
(2,1218)	1:144:A:LEU:HD11	1:145:A:PRO:HD2	5	1.5
(2,1218)	1:144:A:LEU:HD12	1:145:A:PRO:HD2	5	1.5
(2,1218)	1:144:A:LEU:HD13	1:145:A:PRO:HD2	5	1.5
(2,841)	1:43:A:MET:HE1	1:144:A:LEU:HB2	17	1.5
(2,841)	1:43:A:MET:HE2	1:144:A:LEU:HB2	17	1.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,841)	1:43:A:MET:HE3	1:144:A:LEU:HB2	17	1.5
(2,841)	1:43:A:MET:HE1	1:144:A:LEU:HB3	17	1.5
(2,841)	1:43:A:MET:HE2	1:144:A:LEU:HB3	17	1.5
(2,841)	1:43:A:MET:HE3	1:144:A:LEU:HB3	17	1.5
(2,709)	1:48:A:ARG:HE	1:49:A:LYS:HA	1	1.5
(1,1934)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	19	1.5
(1,1934)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	19	1.5
(1,1876)	1:18:A:PHE:HD1	1:113:A:PHE:HE1	13	1.5
(1,1876)	1:18:A:PHE:HD1	1:113:A:PHE:HE2	13	1.5
(1,1876)	1:18:A:PHE:HD2	1:113:A:PHE:HE1	13	1.5
(1,1876)	1:18:A:PHE:HD2	1:113:A:PHE:HE2	13	1.5
(1,1595)	1:98:A:ILE:HD11	1:115:A:ALA:H	7	1.5
(1,1595)	1:98:A:ILE:HD12	1:115:A:ALA:H	7	1.5
(1,1595)	1:98:A:ILE:HD13	1:115:A:ALA:H	7	1.5
(1,1595)	1:98:A:ILE:HD11	1:115:A:ALA:H	11	1.5
(1,1595)	1:98:A:ILE:HD12	1:115:A:ALA:H	11	1.5
(1,1595)	1:98:A:ILE:HD13	1:115:A:ALA:H	11	1.5
(1,1477)	1:67:A:PRO:HD3	1:95:A:ILE:HA	4	1.5
(1,1272)	1:15:A:ALA:HA	1:131:A:LEU:HB2	18	1.5
(1,849)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	14	1.5
(1,849)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	14	1.5
(1,849)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	14	1.5
(1,849)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	14	1.5
(1,849)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	14	1.5
(1,849)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	14	1.5
(1,30)	1:13:A:ALA:H	1:14:A:VAL:HB	8	1.5
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD11	17	1.49
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD12	17	1.49
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD13	17	1.49
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD21	17	1.49
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD22	17	1.49
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD23	17	1.49
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	13	1.49
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	13	1.49
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	13	1.49
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	13	1.49
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	13	1.49
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	13	1.49
(34,1715)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	11	1.49
(34,1715)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	11	1.49
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG21	5	1.49
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG22	5	1.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG23	5	1.49
(34,1058)	1:60:A:LEU:H	1:63:A:ILE:HG13	17	1.49
(34,876)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	16	1.49
(34,876)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	16	1.49
(34,876)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	16	1.49
(33,2496)	1:144:A:LEU:HD11	1:147:A:ARG:H	8	1.49
(33,2496)	1:144:A:LEU:HD12	1:147:A:ARG:H	8	1.49
(33,2496)	1:144:A:LEU:HD13	1:147:A:ARG:H	8	1.49
(33,2496)	1:144:A:LEU:HD21	1:147:A:ARG:H	8	1.49
(33,2496)	1:144:A:LEU:HD22	1:147:A:ARG:H	8	1.49
(33,2496)	1:144:A:LEU:HD23	1:147:A:ARG:H	8	1.49
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD11	8	1.49
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD12	8	1.49
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD13	8	1.49
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD21	8	1.49
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD22	8	1.49
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD23	8	1.49
(33,2040)	1:23:A:LEU:HD11	1:26:A:ASP:HA	2	1.49
(33,2040)	1:23:A:LEU:HD12	1:26:A:ASP:HA	2	1.49
(33,2040)	1:23:A:LEU:HD13	1:26:A:ASP:HA	2	1.49
(33,2040)	1:23:A:LEU:HD21	1:26:A:ASP:HA	2	1.49
(33,2040)	1:23:A:LEU:HD22	1:26:A:ASP:HA	2	1.49
(33,2040)	1:23:A:LEU:HD23	1:26:A:ASP:HA	2	1.49
(33,1967)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	6	1.49
(33,1967)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	6	1.49
(33,1967)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	6	1.49
(33,1967)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	6	1.49
(33,1967)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	6	1.49
(33,1967)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	6	1.49
(33,1967)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	6	1.49
(33,1967)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	6	1.49
(33,1967)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	6	1.49
(33,1967)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	6	1.49
(33,1967)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	6	1.49
(33,1967)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	6	1.49
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG21	5	1.49
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG22	5	1.49
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG23	5	1.49
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG21	5	1.49
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG22	5	1.49
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG23	5	1.49
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG21	5	1.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG22	5	1.49
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG23	5	1.49
(33,1329)	1:106:A:ASP:HA	1:112:A:GLN:HE21	11	1.49
(33,881)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	2	1.49
(33,881)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	2	1.49
(33,820)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	3	1.49
(33,820)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	3	1.49
(33,820)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	3	1.49
(33,701)	1:144:A:LEU:HD11	1:147:A:ARG:HE	2	1.49
(33,701)	1:144:A:LEU:HD12	1:147:A:ARG:HE	2	1.49
(33,701)	1:144:A:LEU:HD13	1:147:A:ARG:HE	2	1.49
(32,2485)	1:144:A:LEU:HB3	1:146:A:GLN:HG2	10	1.49
(32,2485)	1:144:A:LEU:HB3	1:146:A:GLN:HG3	10	1.49
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD11	8	1.49
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD12	8	1.49
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD13	8	1.49
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD21	8	1.49
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD22	8	1.49
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD23	8	1.49
(32,2007)	1:23:A:LEU:HD11	1:26:A:ASP:HA	2	1.49
(32,2007)	1:23:A:LEU:HD12	1:26:A:ASP:HA	2	1.49
(32,2007)	1:23:A:LEU:HD13	1:26:A:ASP:HA	2	1.49
(32,2007)	1:23:A:LEU:HD21	1:26:A:ASP:HA	2	1.49
(32,2007)	1:23:A:LEU:HD22	1:26:A:ASP:HA	2	1.49
(32,2007)	1:23:A:LEU:HD23	1:26:A:ASP:HA	2	1.49
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG21	5	1.49
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG22	5	1.49
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG23	5	1.49
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG21	5	1.49
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG22	5	1.49
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG23	5	1.49
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG21	5	1.49
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG22	5	1.49
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG23	5	1.49
(32,1561)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	11	1.49
(32,1561)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	11	1.49
(32,1561)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	11	1.49
(32,1418)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	9	1.49
(32,1418)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	9	1.49
(32,1297)	1:106:A:ASP:HA	1:112:A:GLN:HE21	11	1.49
(30,1896)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	12	1.49
(30,1896)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	12	1.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1896)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	12	1.49
(30,1896)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	12	1.49
(30,1896)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	12	1.49
(30,1896)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	12	1.49
(30,1844)	1:13:A:ALA:HA	1:80:A:TYR:HE1	10	1.49
(30,1844)	1:13:A:ALA:HA	1:80:A:TYR:HE2	10	1.49
(30,1655)	1:132:A:ALA:HA	1:134:A:VAL:HG11	9	1.49
(30,1655)	1:132:A:ALA:HA	1:134:A:VAL:HG12	9	1.49
(30,1655)	1:132:A:ALA:HA	1:134:A:VAL:HG13	9	1.49
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE1	9	1.49
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE2	9	1.49
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE3	9	1.49
(30,1166)	1:140:A:LEU:HD21	1:144:A:LEU:H	16	1.49
(30,1166)	1:140:A:LEU:HD22	1:144:A:LEU:H	16	1.49
(30,1166)	1:140:A:LEU:HD23	1:144:A:LEU:H	16	1.49
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	2	1.49
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	2	1.49
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	2	1.49
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	2	1.49
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	2	1.49
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	2	1.49
(29,2442)	1:144:A:LEU:HD11	1:147:A:ARG:H	8	1.49
(29,2442)	1:144:A:LEU:HD12	1:147:A:ARG:H	8	1.49
(29,2442)	1:144:A:LEU:HD13	1:147:A:ARG:H	8	1.49
(29,2442)	1:144:A:LEU:HD21	1:147:A:ARG:H	8	1.49
(29,2442)	1:144:A:LEU:HD22	1:147:A:ARG:H	8	1.49
(29,2442)	1:144:A:LEU:HD23	1:147:A:ARG:H	8	1.49
(29,1674)	1:132:A:ALA:HA	1:134:A:VAL:HG11	9	1.49
(29,1674)	1:132:A:ALA:HA	1:134:A:VAL:HG12	9	1.49
(29,1674)	1:132:A:ALA:HA	1:134:A:VAL:HG13	9	1.49
(29,1613)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	11	1.49
(29,1613)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	11	1.49
(29,1613)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	11	1.49
(18,1775)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	6	1.49
(18,1775)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	6	1.49
(18,1775)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	6	1.49
(18,1775)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	6	1.49
(18,1688)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	11	1.49
(18,1688)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	11	1.49
(17,2480)	1:144:A:LEU:HD11	1:147:A:ARG:H	8	1.49
(17,2480)	1:144:A:LEU:HD12	1:147:A:ARG:H	8	1.49
(17,2480)	1:144:A:LEU:HD13	1:147:A:ARG:H	8	1.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2480)	1:144:A:LEU:HD21	1:147:A:ARG:H	8	1.49
(17,2480)	1:144:A:LEU:HD22	1:147:A:ARG:H	8	1.49
(17,2480)	1:144:A:LEU:HD23	1:147:A:ARG:H	8	1.49
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD11	7	1.49
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD12	7	1.49
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD13	7	1.49
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD21	7	1.49
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD22	7	1.49
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD23	7	1.49
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD11	7	1.49
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD12	7	1.49
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD13	7	1.49
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD21	7	1.49
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD22	7	1.49
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD23	7	1.49
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD11	7	1.49
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD12	7	1.49
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD13	7	1.49
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD21	7	1.49
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD22	7	1.49
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD23	7	1.49
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD11	7	1.49
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD12	7	1.49
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD13	7	1.49
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD21	7	1.49
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD22	7	1.49
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD23	7	1.49
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD11	7	1.49
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD12	7	1.49
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD13	7	1.49
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD21	7	1.49
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD22	7	1.49
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD23	7	1.49
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD11	7	1.49
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD12	7	1.49
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD13	7	1.49
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD21	7	1.49
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD22	7	1.49
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD23	7	1.49
(17,2049)	1:23:A:LEU:HB2	1:146:A:GLN:HG2	10	1.49
(17,2049)	1:23:A:LEU:HB2	1:146:A:GLN:HG3	10	1.49
(17,2049)	1:23:A:LEU:HB3	1:146:A:GLN:HG2	10	1.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2049)	1:23:A:LEU:HB3	1:146:A:GLN:HG3	10	1.49
(17,1879)	1:18:A:PHE:HA	1:113:A:PHE:HE1	1	1.49
(17,1879)	1:18:A:PHE:HA	1:113:A:PHE:HE2	1	1.49
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE1	9	1.49
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE2	9	1.49
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE3	9	1.49
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD11	19	1.49
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD12	19	1.49
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD13	19	1.49
(17,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	2	1.49
(17,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	2	1.49
(17,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	2	1.49
(17,376)	1:62:A:HIS:H	1:63:A:ILE:HG13	11	1.49
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG11	1	1.49
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG12	1	1.49
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG13	1	1.49
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG21	1	1.49
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG22	1	1.49
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG23	1	1.49
(16,2239)	1:69:A:MET:HG2	1:76:A:ARG:HB3	11	1.49
(16,2239)	1:69:A:MET:HG3	1:76:A:ARG:HB3	11	1.49
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD11	8	1.49
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD12	8	1.49
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD13	8	1.49
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD21	8	1.49
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD22	8	1.49
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD23	8	1.49
(16,1899)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	15	1.49
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG21	5	1.49
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG22	5	1.49
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG23	5	1.49
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG21	5	1.49
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG22	5	1.49
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG23	5	1.49
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG21	5	1.49
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG22	5	1.49
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG23	5	1.49
(16,1587)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	11	1.49
(16,1587)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	11	1.49
(16,1587)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	11	1.49
(16,1393)	1:19:A:ALA:HB1	1:132:A:ALA:HA	2	1.49
(16,1393)	1:19:A:ALA:HB2	1:132:A:ALA:HA	2	1.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1393)	1:19:A:ALA:HB3	1:132:A:ALA:HA	2	1.49
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	2	1.49
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	2	1.49
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	2	1.49
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	2	1.49
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	2	1.49
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	2	1.49
(15,2492)	1:144:A:LEU:HD11	1:147:A:ARG:H	8	1.49
(15,2492)	1:144:A:LEU:HD12	1:147:A:ARG:H	8	1.49
(15,2492)	1:144:A:LEU:HD13	1:147:A:ARG:H	8	1.49
(15,2492)	1:144:A:LEU:HD21	1:147:A:ARG:H	8	1.49
(15,2492)	1:144:A:LEU:HD22	1:147:A:ARG:H	8	1.49
(15,2492)	1:144:A:LEU:HD23	1:147:A:ARG:H	8	1.49
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG2	2	1.49
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG3	2	1.49
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG2	12	1.49
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG3	12	1.49
(15,1846)	1:18:A:PHE:HA	1:113:A:PHE:HE1	1	1.49
(15,1846)	1:18:A:PHE:HA	1:113:A:PHE:HE2	1	1.49
(15,1575)	1:98:A:ILE:HD11	1:115:A:ALA:H	2	1.49
(15,1575)	1:98:A:ILE:HD12	1:115:A:ALA:H	2	1.49
(15,1575)	1:98:A:ILE:HD13	1:115:A:ALA:H	2	1.49
(15,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	5	1.49
(15,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	5	1.49
(15,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	5	1.49
(15,1327)	1:106:A:ASP:HA	1:112:A:GLN:HE21	11	1.49
(15,1260)	1:12:A:VAL:HG11	1:40:A:LEU:HA	14	1.49
(15,1260)	1:12:A:VAL:HG12	1:40:A:LEU:HA	14	1.49
(15,1260)	1:12:A:VAL:HG13	1:40:A:LEU:HA	14	1.49
(15,818)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	3	1.49
(15,818)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	3	1.49
(15,818)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	3	1.49
(15,812)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	7	1.49
(15,812)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	7	1.49
(15,812)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	7	1.49
(13,2271)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	17	1.49
(13,2271)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	17	1.49
(13,2271)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	17	1.49
(13,2271)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	17	1.49
(13,2271)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	17	1.49
(13,2271)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	17	1.49
(13,1612)	1:47:A:ALA:H	1:134:A:VAL:HG11	12	1.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1612)	1:47:A:ALA:H	1:134:A:VAL:HG12	12	1.49
(13,1612)	1:47:A:ALA:H	1:134:A:VAL:HG13	12	1.49
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD11	5	1.49
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD12	5	1.49
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD13	5	1.49
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD21	5	1.49
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD22	5	1.49
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD23	5	1.49
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD11	5	1.49
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD12	5	1.49
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD13	5	1.49
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD21	5	1.49
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD22	5	1.49
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD23	5	1.49
(11,2055)	1:23:A:LEU:HD11	1:26:A:ASP:HA	2	1.49
(11,2055)	1:23:A:LEU:HD12	1:26:A:ASP:HA	2	1.49
(11,2055)	1:23:A:LEU:HD13	1:26:A:ASP:HA	2	1.49
(11,2055)	1:23:A:LEU:HD21	1:26:A:ASP:HA	2	1.49
(11,2055)	1:23:A:LEU:HD22	1:26:A:ASP:HA	2	1.49
(11,2055)	1:23:A:LEU:HD23	1:26:A:ASP:HA	2	1.49
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	13	1.49
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	13	1.49
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	13	1.49
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD21	13	1.49
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD22	13	1.49
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD23	13	1.49
(9,2430)	1:144:A:LEU:HD11	1:147:A:ARG:H	8	1.49
(9,2430)	1:144:A:LEU:HD12	1:147:A:ARG:H	8	1.49
(9,2430)	1:144:A:LEU:HD13	1:147:A:ARG:H	8	1.49
(9,2430)	1:144:A:LEU:HD21	1:147:A:ARG:H	8	1.49
(9,2430)	1:144:A:LEU:HD22	1:147:A:ARG:H	8	1.49
(9,2430)	1:144:A:LEU:HD23	1:147:A:ARG:H	8	1.49
(9,1592)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	11	1.49
(9,1592)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	11	1.49
(9,1592)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	11	1.49
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB2	9	1.49
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB3	9	1.49
(9,696)	1:144:A:LEU:HD11	1:147:A:ARG:HE	2	1.49
(9,696)	1:144:A:LEU:HD12	1:147:A:ARG:HE	2	1.49
(9,696)	1:144:A:LEU:HD13	1:147:A:ARG:HE	2	1.49
(7,1994)	1:23:A:LEU:HB2	1:146:A:GLN:HG2	10	1.49
(7,1994)	1:23:A:LEU:HB2	1:146:A:GLN:HG3	10	1.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1994)	1:23:A:LEU:HB3	1:146:A:GLN:HG2	10	1.49
(7,1994)	1:23:A:LEU:HB3	1:146:A:GLN:HG3	10	1.49
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD11	13	1.49
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD12	13	1.49
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD13	13	1.49
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD21	13	1.49
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD22	13	1.49
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD23	13	1.49
(7,1833)	1:18:A:PHE:HA	1:113:A:PHE:HE1	1	1.49
(7,1833)	1:18:A:PHE:HA	1:113:A:PHE:HE2	1	1.49
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	17	1.49
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	17	1.49
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	17	1.49
(7,1241)	1:12:A:VAL:HG11	1:40:A:LEU:HA	14	1.49
(7,1241)	1:12:A:VAL:HG12	1:40:A:LEU:HA	14	1.49
(7,1241)	1:12:A:VAL:HG13	1:40:A:LEU:HA	14	1.49
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	2	1.49
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	2	1.49
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	2	1.49
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	2	1.49
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	2	1.49
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	2	1.49
(7,807)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	3	1.49
(7,807)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	3	1.49
(7,807)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	3	1.49
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	12	1.49
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	12	1.49
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	12	1.49
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	12	1.49
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	12	1.49
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	12	1.49
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	12	1.49
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	12	1.49
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	12	1.49
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	12	1.49
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	12	1.49
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	12	1.49
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	18	1.49
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	18	1.49
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	18	1.49
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	18	1.49
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	18	1.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	18	1.49
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	18	1.49
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	18	1.49
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	18	1.49
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	18	1.49
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	18	1.49
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	18	1.49
(6,1343)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	12	1.49
(6,1343)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	12	1.49
(6,1343)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	12	1.49
(6,1343)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	12	1.49
(6,1343)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	12	1.49
(6,1343)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	12	1.49
(5,2469)	1:144:A:LEU:HD11	1:147:A:ARG:H	8	1.49
(5,2469)	1:144:A:LEU:HD12	1:147:A:ARG:H	8	1.49
(5,2469)	1:144:A:LEU:HD13	1:147:A:ARG:H	8	1.49
(5,2469)	1:144:A:LEU:HD21	1:147:A:ARG:H	8	1.49
(5,2469)	1:144:A:LEU:HD22	1:147:A:ARG:H	8	1.49
(5,2469)	1:144:A:LEU:HD23	1:147:A:ARG:H	8	1.49
(5,1670)	1:132:A:ALA:HA	1:134:A:VAL:HG11	9	1.49
(5,1670)	1:132:A:ALA:HA	1:134:A:VAL:HG12	9	1.49
(5,1670)	1:132:A:ALA:HA	1:134:A:VAL:HG13	9	1.49
(5,1489)	1:67:A:PRO:HD3	1:95:A:ILE:HA	7	1.49
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG11	8	1.49
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG12	8	1.49
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG13	8	1.49
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD21	19	1.49
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD22	19	1.49
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD23	19	1.49
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE1	15	1.49
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE2	15	1.49
(5,52)	1:47:A:ALA:H	1:134:A:VAL:HG11	19	1.49
(5,52)	1:47:A:ALA:H	1:134:A:VAL:HG12	19	1.49
(5,52)	1:47:A:ALA:H	1:134:A:VAL:HG13	19	1.49
(4,1843)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	13	1.49
(4,1843)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	13	1.49
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG21	5	1.49
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG22	5	1.49
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG23	5	1.49
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG21	5	1.49
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG22	5	1.49
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG23	5	1.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG21	5	1.49
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG22	5	1.49
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG23	5	1.49
(4,1016)	1:60:A:LEU:H	1:63:A:ILE:HG13	17	1.49
(3,2172)	1:43:A:MET:HE1	1:131:A:LEU:HB2	13	1.49
(3,2172)	1:43:A:MET:HE1	1:131:A:LEU:HB3	13	1.49
(3,2172)	1:43:A:MET:HE2	1:131:A:LEU:HB2	13	1.49
(3,2172)	1:43:A:MET:HE2	1:131:A:LEU:HB3	13	1.49
(3,2172)	1:43:A:MET:HE3	1:131:A:LEU:HB2	13	1.49
(3,2172)	1:43:A:MET:HE3	1:131:A:LEU:HB3	13	1.49
(3,2044)	1:17:A:ASN:HD21	1:78:A:HIS:H	11	1.49
(3,2044)	1:17:A:ASN:HD22	1:78:A:HIS:H	11	1.49
(3,1891)	1:18:A:PHE:HA	1:113:A:PHE:HE1	1	1.49
(3,1891)	1:18:A:PHE:HA	1:113:A:PHE:HE2	1	1.49
(3,1631)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	11	1.49
(3,1631)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	11	1.49
(3,1631)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	11	1.49
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD21	18	1.49
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD22	18	1.49
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD23	18	1.49
(2,2057)	1:23:A:LEU:HD11	1:26:A:ASP:HA	2	1.49
(2,2057)	1:23:A:LEU:HD12	1:26:A:ASP:HA	2	1.49
(2,2057)	1:23:A:LEU:HD13	1:26:A:ASP:HA	2	1.49
(2,2057)	1:23:A:LEU:HD21	1:26:A:ASP:HA	2	1.49
(2,2057)	1:23:A:LEU:HD22	1:26:A:ASP:HA	2	1.49
(2,2057)	1:23:A:LEU:HD23	1:26:A:ASP:HA	2	1.49
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD21	11	1.49
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD22	11	1.49
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD23	11	1.49
(2,1612)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	11	1.49
(2,1612)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	11	1.49
(2,1612)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	11	1.49
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE1	9	1.49
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE2	9	1.49
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE3	9	1.49
(2,813)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	3	1.49
(2,813)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	3	1.49
(2,813)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	3	1.49
(1,2027)	1:23:A:LEU:HD11	1:26:A:ASP:HA	8	1.49
(1,2027)	1:23:A:LEU:HD12	1:26:A:ASP:HA	8	1.49
(1,2027)	1:23:A:LEU:HD13	1:26:A:ASP:HA	8	1.49
(1,2027)	1:23:A:LEU:HD21	1:26:A:ASP:HA	8	1.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2027)	1:23:A:LEU:HD22	1:26:A:ASP:HA	8	1.49
(1,2027)	1:23:A:LEU:HD23	1:26:A:ASP:HA	8	1.49
(1,1877)	1:18:A:PHE:HA	1:113:A:PHE:HE1	1	1.49
(1,1877)	1:18:A:PHE:HA	1:113:A:PHE:HE2	1	1.49
(1,1861)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	12	1.49
(1,1861)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	12	1.49
(1,1861)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	12	1.49
(1,1861)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	12	1.49
(1,1595)	1:98:A:ILE:HD11	1:115:A:ALA:H	2	1.49
(1,1595)	1:98:A:ILE:HD12	1:115:A:ALA:H	2	1.49
(1,1595)	1:98:A:ILE:HD13	1:115:A:ALA:H	2	1.49
(1,1332)	1:106:A:ASP:HA	1:112:A:GLN:HE21	11	1.49
(1,1055)	1:11:A:ILE:HA	1:14:A:VAL:HB	14	1.49
(1,648)	1:66:A:THR:H	1:96:A:VAL:H	9	1.49
(34,2291)	1:96:A:VAL:HG11	1:116:A:GLN:HG2	17	1.48
(34,2291)	1:96:A:VAL:HG12	1:116:A:GLN:HG2	17	1.48
(34,2291)	1:96:A:VAL:HG13	1:116:A:GLN:HG2	17	1.48
(34,2291)	1:96:A:VAL:HG21	1:116:A:GLN:HG2	17	1.48
(34,2291)	1:96:A:VAL:HG22	1:116:A:GLN:HG2	17	1.48
(34,2291)	1:96:A:VAL:HG23	1:116:A:GLN:HG2	17	1.48
(34,1978)	1:12:A:VAL:HG11	1:79:A:THR:HB	1	1.48
(34,1978)	1:12:A:VAL:HG12	1:79:A:THR:HB	1	1.48
(34,1978)	1:12:A:VAL:HG13	1:79:A:THR:HB	1	1.48
(34,1978)	1:12:A:VAL:HG21	1:79:A:THR:HB	1	1.48
(34,1978)	1:12:A:VAL:HG22	1:79:A:THR:HB	1	1.48
(34,1978)	1:12:A:VAL:HG23	1:79:A:THR:HB	1	1.48
(34,1976)	1:12:A:VAL:HG11	1:43:A:MET:HE1	11	1.48
(34,1976)	1:12:A:VAL:HG11	1:43:A:MET:HE2	11	1.48
(34,1976)	1:12:A:VAL:HG11	1:43:A:MET:HE3	11	1.48
(34,1976)	1:12:A:VAL:HG12	1:43:A:MET:HE1	11	1.48
(34,1976)	1:12:A:VAL:HG12	1:43:A:MET:HE2	11	1.48
(34,1976)	1:12:A:VAL:HG12	1:43:A:MET:HE3	11	1.48
(34,1976)	1:12:A:VAL:HG13	1:43:A:MET:HE1	11	1.48
(34,1976)	1:12:A:VAL:HG13	1:43:A:MET:HE2	11	1.48
(34,1976)	1:12:A:VAL:HG13	1:43:A:MET:HE3	11	1.48
(34,1976)	1:12:A:VAL:HG21	1:43:A:MET:HE1	11	1.48
(34,1976)	1:12:A:VAL:HG21	1:43:A:MET:HE2	11	1.48
(34,1976)	1:12:A:VAL:HG21	1:43:A:MET:HE3	11	1.48
(34,1976)	1:12:A:VAL:HG22	1:43:A:MET:HE1	11	1.48
(34,1976)	1:12:A:VAL:HG22	1:43:A:MET:HE2	11	1.48
(34,1976)	1:12:A:VAL:HG22	1:43:A:MET:HE3	11	1.48
(34,1976)	1:12:A:VAL:HG23	1:43:A:MET:HE1	11	1.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1976)	1:12:A:VAL:HG23	1:43:A:MET:HE2	11	1.48
(34,1976)	1:12:A:VAL:HG23	1:43:A:MET:HE3	11	1.48
(34,1484)	1:67:A:PRO:HD3	1:95:A:ILE:HA	4	1.48
(34,1451)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	17	1.48
(34,1451)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	17	1.48
(34,1451)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	17	1.48
(33,1733)	1:31:A:PRO:HB2	1:35:A:LEU:HA	13	1.48
(33,1733)	1:31:A:PRO:HB3	1:35:A:LEU:HA	13	1.48
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG21	13	1.48
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG22	13	1.48
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG23	13	1.48
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	14	1.48
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	14	1.48
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	14	1.48
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	14	1.48
(30,1787)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	6	1.48
(30,1787)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	6	1.48
(30,856)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	5	1.48
(30,856)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	5	1.48
(30,814)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	17	1.48
(30,814)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	17	1.48
(30,814)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	17	1.48
(30,66)	1:33:A:LYS:HB2	1:81:A:GLU:H	6	1.48
(30,66)	1:33:A:LYS:HB3	1:81:A:GLU:H	6	1.48
(29,1713)	1:52:A:CYS:HA	1:124:A:THR:HB	9	1.48
(29,1638)	1:79:A:THR:HB	1:80:A:TYR:HB2	11	1.48
(29,1035)	1:113:A:PHE:HA	1:116:A:GLN:HG3	1	1.48
(29,714)	1:23:A:LEU:HB2	1:27:A:ARG:HE	7	1.48
(29,714)	1:23:A:LEU:HB3	1:27:A:ARG:HE	7	1.48
(19,11)	1:127:A:CYS:SG	1:56:A:CYS:CB	6	1.48
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD1	10	1.48
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD2	10	1.48
(18,1710)	1:19:A:ALA:HB1	1:21:A:THR:HG21	6	1.48
(18,1710)	1:19:A:ALA:HB1	1:21:A:THR:HG22	6	1.48
(18,1710)	1:19:A:ALA:HB1	1:21:A:THR:HG23	6	1.48
(18,1710)	1:19:A:ALA:HB2	1:21:A:THR:HG21	6	1.48
(18,1710)	1:19:A:ALA:HB2	1:21:A:THR:HG22	6	1.48
(18,1710)	1:19:A:ALA:HB2	1:21:A:THR:HG23	6	1.48
(18,1710)	1:19:A:ALA:HB3	1:21:A:THR:HG21	6	1.48
(18,1710)	1:19:A:ALA:HB3	1:21:A:THR:HG22	6	1.48
(18,1710)	1:19:A:ALA:HB3	1:21:A:THR:HG23	6	1.48
(18,602)	1:75:A:GLY:H	1:77:A:CYS:HB3	14	1.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD11	3	1.48
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD12	3	1.48
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD13	3	1.48
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD21	3	1.48
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD22	3	1.48
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD23	3	1.48
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD11	3	1.48
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD12	3	1.48
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD13	3	1.48
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD21	3	1.48
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD22	3	1.48
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD23	3	1.48
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD11	3	1.48
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD12	3	1.48
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD13	3	1.48
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD21	3	1.48
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD22	3	1.48
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD23	3	1.48
(17,1669)	1:132:A:ALA:HA	1:134:A:VAL:HG21	1	1.48
(17,1669)	1:132:A:ALA:HA	1:134:A:VAL:HG22	1	1.48
(17,1669)	1:132:A:ALA:HA	1:134:A:VAL:HG23	1	1.48
(17,1032)	1:8:A:ASP:H	1:58:A:ILE:HG13	12	1.48
(17,997)	1:12:A:VAL:HB	1:43:A:MET:HE1	15	1.48
(17,997)	1:12:A:VAL:HB	1:43:A:MET:HE2	15	1.48
(17,997)	1:12:A:VAL:HB	1:43:A:MET:HE3	15	1.48
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	18	1.48
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	18	1.48
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	18	1.48
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	18	1.48
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	18	1.48
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	18	1.48
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	18	1.48
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	18	1.48
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	18	1.48
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	18	1.48
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	18	1.48
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	18	1.48
(16,1961)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	11	1.48
(16,1961)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	11	1.48
(16,1961)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	11	1.48
(16,1961)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	11	1.48
(16,1961)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	11	1.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1961)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	11	1.48
(16,1961)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	11	1.48
(16,1961)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	11	1.48
(16,1961)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	11	1.48
(16,1961)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	11	1.48
(16,1961)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	11	1.48
(16,1961)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	11	1.48
(16,1393)	1:19:A:ALA:HB1	1:132:A:ALA:HA	11	1.48
(16,1393)	1:19:A:ALA:HB2	1:132:A:ALA:HA	11	1.48
(16,1393)	1:19:A:ALA:HB3	1:132:A:ALA:HA	11	1.48
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD11	15	1.48
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD12	15	1.48
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD13	15	1.48
(16,944)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	5	1.48
(16,944)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	5	1.48
(15,1774)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	6	1.48
(15,1774)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	6	1.48
(15,1386)	1:19:A:ALA:HB1	1:132:A:ALA:HA	2	1.48
(15,1386)	1:19:A:ALA:HB2	1:132:A:ALA:HA	2	1.48
(15,1386)	1:19:A:ALA:HB3	1:132:A:ALA:HA	2	1.48
(15,267)	1:27:A:ARG:HB3	1:29:A:LYS:H	11	1.48
(15,70)	1:33:A:LYS:HB2	1:81:A:GLU:H	6	1.48
(15,70)	1:33:A:LYS:HB3	1:81:A:GLU:H	6	1.48
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG11	6	1.48
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG12	6	1.48
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG13	6	1.48
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG21	6	1.48
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG22	6	1.48
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG23	6	1.48
(13,1937)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	19	1.48
(13,1937)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	19	1.48
(13,1937)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	19	1.48
(13,1937)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	19	1.48
(13,1937)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	19	1.48
(13,1937)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	19	1.48
(13,1848)	1:64:A:LYS:HD2	1:104:A:PHE:HZ	17	1.48
(13,1848)	1:64:A:LYS:HD3	1:104:A:PHE:HZ	17	1.48
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	18	1.48
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	18	1.48
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	18	1.48
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD11	18	1.48
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD12	18	1.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD13	18	1.48
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD11	18	1.48
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD12	18	1.48
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD13	18	1.48
(13,85)	1:30:A:LEU:H	1:144:A:LEU:HA	11	1.48
(11,1943)	1:11:A:ILE:HD11	1:18:A:PHE:HZ	8	1.48
(11,1943)	1:11:A:ILE:HD12	1:18:A:PHE:HZ	8	1.48
(11,1943)	1:11:A:ILE:HD13	1:18:A:PHE:HZ	8	1.48
(11,1818)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	6	1.48
(11,1818)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	6	1.48
(11,1474)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	4	1.48
(11,1474)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	4	1.48
(11,1474)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	4	1.48
(11,1456)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	17	1.48
(11,1456)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	17	1.48
(11,1456)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	17	1.48
(11,927)	1:108:A:GLU:HG3	1:112:A:GLN:H	5	1.48
(9,2023)	1:23:A:LEU:HD11	1:147:A:ARG:H	15	1.48
(9,2023)	1:23:A:LEU:HD12	1:147:A:ARG:H	15	1.48
(9,2023)	1:23:A:LEU:HD13	1:147:A:ARG:H	15	1.48
(9,2023)	1:23:A:LEU:HD21	1:147:A:ARG:H	15	1.48
(9,2023)	1:23:A:LEU:HD22	1:147:A:ARG:H	15	1.48
(9,2023)	1:23:A:LEU:HD23	1:147:A:ARG:H	15	1.48
(7,1706)	1:31:A:PRO:HB2	1:35:A:LEU:HA	13	1.48
(7,1706)	1:31:A:PRO:HB3	1:35:A:LEU:HA	13	1.48
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD21	8	1.48
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD22	8	1.48
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD23	8	1.48
(7,978)	1:35:A:LEU:HG	1:143:A:TRP:HB3	13	1.48
(7,92)	1:95:A:ILE:HG21	1:97:A:ASP:H	6	1.48
(7,92)	1:95:A:ILE:HG22	1:97:A:ASP:H	6	1.48
(7,92)	1:95:A:ILE:HG23	1:97:A:ASP:H	6	1.48
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG11	7	1.48
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG12	7	1.48
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG13	7	1.48
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG21	7	1.48
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG22	7	1.48
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG23	7	1.48
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG11	7	1.48
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG12	7	1.48
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG13	7	1.48
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG21	7	1.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG22	7	1.48
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG23	7	1.48
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	1	1.48
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	1	1.48
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	1	1.48
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	1	1.48
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	1	1.48
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	1	1.48
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	1	1.48
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	1	1.48
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	1	1.48
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	1	1.48
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	1	1.48
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	1	1.48
(5,2120)	1:40:A:LEU:HB2	1:44:A:GLU:HG3	1	1.48
(5,2120)	1:40:A:LEU:HB3	1:44:A:GLU:HG3	1	1.48
(5,1809)	1:13:A:ALA:H	1:80:A:TYR:HD1	9	1.48
(5,1809)	1:13:A:ALA:H	1:80:A:TYR:HD2	9	1.48
(5,1025)	1:113:A:PHE:HA	1:116:A:GLN:HG3	1	1.48
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG2	13	1.48
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG3	13	1.48
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG2	13	1.48
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG3	13	1.48
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG2	13	1.48
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG3	13	1.48
(5,880)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	17	1.48
(5,880)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	17	1.48
(5,880)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	17	1.48
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD11	6	1.48
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD12	6	1.48
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD13	6	1.48
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD21	6	1.48
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD22	6	1.48
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD23	6	1.48
(4,1721)	1:31:A:PRO:HB2	1:35:A:LEU:HA	13	1.48
(4,1721)	1:31:A:PRO:HB3	1:35:A:LEU:HA	13	1.48
(4,1423)	1:31:A:PRO:HD3	1:144:A:LEU:HA	2	1.48
(4,703)	1:48:A:ARG:HE	1:49:A:LYS:HA	10	1.48
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD2	9	1.48
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD3	9	1.48
(3,2252)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	17	1.48
(3,2252)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	17	1.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2252)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	17	1.48
(3,2252)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	17	1.48
(3,2086)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	16	1.48
(3,2086)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	16	1.48
(3,2086)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	16	1.48
(3,2086)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	16	1.48
(3,1495)	1:67:A:PRO:HD3	1:95:A:ILE:HA	4	1.48
(3,1414)	1:19:A:ALA:HB1	1:132:A:ALA:HA	2	1.48
(3,1414)	1:19:A:ALA:HB2	1:132:A:ALA:HA	2	1.48
(3,1414)	1:19:A:ALA:HB3	1:132:A:ALA:HA	2	1.48
(3,1113)	1:136:A:CYS:HB3	1:141:A:LYS:HA	12	1.48
(3,714)	1:23:A:LEU:HB2	1:27:A:ARG:HE	7	1.48
(3,714)	1:23:A:LEU:HB3	1:27:A:ARG:HE	7	1.48
(3,567)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	3	1.48
(3,567)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	3	1.48
(3,567)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	3	1.48
(2,2471)	1:145:A:PRO:HB2	1:148:A:CYS:HB2	5	1.48
(2,2471)	1:145:A:PRO:HB2	1:148:A:CYS:HB3	5	1.48
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB2	15	1.48
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB3	15	1.48
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB2	15	1.48
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB3	15	1.48
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG21	13	1.48
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG22	13	1.48
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG23	13	1.48
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	17	1.48
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	17	1.48
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	17	1.48
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	17	1.48
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	17	1.48
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	17	1.48
(1,1836)	1:9:A:PHE:HZ	1:57:A:LEU:HA	7	1.48
(1,1106)	1:136:A:CYS:HB3	1:141:A:LYS:HA	12	1.48
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG11	5	1.47
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG12	5	1.47
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG13	5	1.47
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG21	5	1.47
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG22	5	1.47
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG23	5	1.47
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE1	3	1.47
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE2	3	1.47
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE3	3	1.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE1	3	1.47
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE2	3	1.47
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE3	3	1.47
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE1	3	1.47
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE2	3	1.47
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE3	3	1.47
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE1	3	1.47
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE2	3	1.47
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE3	3	1.47
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE1	3	1.47
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE2	3	1.47
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE3	3	1.47
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE1	3	1.47
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE2	3	1.47
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE3	3	1.47
(34,2135)	1:40:A:LEU:HD11	1:41:A:LYS:HA	17	1.47
(34,2135)	1:40:A:LEU:HD12	1:41:A:LYS:HA	17	1.47
(34,2135)	1:40:A:LEU:HD13	1:41:A:LYS:HA	17	1.47
(34,2135)	1:40:A:LEU:HD21	1:41:A:LYS:HA	17	1.47
(34,2135)	1:40:A:LEU:HD22	1:41:A:LYS:HA	17	1.47
(34,2135)	1:40:A:LEU:HD23	1:41:A:LYS:HA	17	1.47
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	16	1.47
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	16	1.47
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	16	1.47
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB2	8	1.47
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB3	8	1.47
(34,908)	1:10:A:ASN:HD22	1:11:A:ILE:HB	6	1.47
(34,845)	1:8:A:ASP:H	1:54:A:ARG:HD2	12	1.47
(34,845)	1:8:A:ASP:H	1:54:A:ARG:HD3	12	1.47
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG11	12	1.47
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG12	12	1.47
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG13	12	1.47
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG21	12	1.47
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG22	12	1.47
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG23	12	1.47
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	15	1.47
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	15	1.47
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	15	1.47
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	15	1.47
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	15	1.47
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	15	1.47
(33,1637)	1:134:A:VAL:HG11	1:137:A:SER:H	3	1.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1637)	1:134:A:VAL:HG12	1:137:A:SER:H	3	1.47
(33,1637)	1:134:A:VAL:HG13	1:137:A:SER:H	3	1.47
(33,1576)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	14	1.47
(33,1576)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	14	1.47
(33,1576)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	14	1.47
(33,1576)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	14	1.47
(33,1576)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	14	1.47
(33,1576)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	14	1.47
(33,1451)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	4	1.47
(33,1451)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	4	1.47
(33,1451)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	4	1.47
(33,1451)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	4	1.47
(33,1451)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	4	1.47
(33,1451)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	4	1.47
(33,1329)	1:106:A:ASP:HA	1:112:A:GLN:HE21	4	1.47
(33,742)	1:105:A:LYS:HG3	1:112:A:GLN:HE22	2	1.47
(32,1611)	1:132:A:ALA:HA	1:134:A:VAL:HG21	15	1.47
(32,1611)	1:132:A:ALA:HA	1:134:A:VAL:HG22	15	1.47
(32,1611)	1:132:A:ALA:HA	1:134:A:VAL:HG23	15	1.47
(32,1297)	1:106:A:ASP:HA	1:112:A:GLN:HE21	4	1.47
(32,781)	1:63:A:ILE:HD11	1:116:A:GLN:HE21	16	1.47
(32,781)	1:63:A:ILE:HD12	1:116:A:GLN:HE21	16	1.47
(32,781)	1:63:A:ILE:HD13	1:116:A:GLN:HE21	16	1.47
(30,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	2	1.47
(30,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	2	1.47
(30,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	2	1.47
(30,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	2	1.47
(30,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	2	1.47
(30,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	2	1.47
(30,1590)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	14	1.47
(30,1590)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	14	1.47
(30,1590)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	14	1.47
(30,1590)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	14	1.47
(30,1590)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	14	1.47
(30,1590)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	14	1.47
(30,1374)	1:132:A:ALA:HA	1:134:A:VAL:HG21	15	1.47
(30,1374)	1:132:A:ALA:HA	1:134:A:VAL:HG22	15	1.47
(30,1374)	1:132:A:ALA:HA	1:134:A:VAL:HG23	15	1.47
(30,1242)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	13	1.47
(30,1242)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	13	1.47
(30,1242)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	13	1.47
(30,1242)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	13	1.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1242)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	13	1.47
(30,1242)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	13	1.47
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD21	19	1.47
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD22	19	1.47
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD23	19	1.47
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD21	19	1.47
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD22	19	1.47
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD23	19	1.47
(30,838)	1:8:A:ASP:H	1:54:A:ARG:HD2	12	1.47
(30,838)	1:8:A:ASP:H	1:54:A:ARG:HD3	12	1.47
(30,687)	1:145:A:PRO:HB3	1:148:A:CYS:H	2	1.47
(30,687)	1:145:A:PRO:HB3	1:148:A:CYS:H	13	1.47
(30,686)	1:39:A:VAL:HB	1:144:A:LEU:H	12	1.47
(29,2138)	1:40:A:LEU:HD11	1:41:A:LYS:HA	13	1.47
(29,2138)	1:40:A:LEU:HD12	1:41:A:LYS:HA	13	1.47
(29,2138)	1:40:A:LEU:HD13	1:41:A:LYS:HA	13	1.47
(29,2138)	1:40:A:LEU:HD21	1:41:A:LYS:HA	13	1.47
(29,2138)	1:40:A:LEU:HD22	1:41:A:LYS:HA	13	1.47
(29,2138)	1:40:A:LEU:HD23	1:41:A:LYS:HA	13	1.47
(29,1711)	1:53:A:THR:H	1:124:A:THR:HB	1	1.47
(29,1521)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	17	1.47
(29,1521)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	17	1.47
(29,1521)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	17	1.47
(29,1383)	1:132:A:ALA:HA	1:134:A:VAL:HG21	15	1.47
(29,1383)	1:132:A:ALA:HA	1:134:A:VAL:HG22	15	1.47
(29,1383)	1:132:A:ALA:HA	1:134:A:VAL:HG23	15	1.47
(29,1035)	1:113:A:PHE:HA	1:116:A:GLN:HG3	9	1.47
(18,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	2	1.47
(18,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	2	1.47
(18,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	2	1.47
(18,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	2	1.47
(18,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	2	1.47
(18,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	2	1.47
(18,1832)	1:13:A:ALA:HA	1:80:A:TYR:HE1	7	1.47
(18,1832)	1:13:A:ALA:HA	1:80:A:TYR:HE2	7	1.47
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	12	1.47
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	12	1.47
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	12	1.47
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	12	1.47
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	12	1.47
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	12	1.47
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	11	1.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	11	1.47
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	11	1.47
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	11	1.47
(18,847)	1:8:A:ASP:H	1:54:A:ARG:HD2	12	1.47
(18,847)	1:8:A:ASP:H	1:54:A:ARG:HD3	12	1.47
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	3	1.47
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	3	1.47
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	3	1.47
(17,1604)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	14	1.47
(17,1604)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	14	1.47
(17,1604)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	14	1.47
(17,1604)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	14	1.47
(17,1604)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	14	1.47
(17,1604)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	14	1.47
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD2	1	1.47
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD3	1	1.47
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD2	1	1.47
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD3	1	1.47
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD2	1	1.47
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD3	1	1.47
(17,599)	1:55:A:GLY:H	1:122:A:ASP:HB3	11	1.47
(16,1874)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	4	1.47
(16,1874)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	4	1.47
(16,1380)	1:132:A:ALA:HA	1:134:A:VAL:HG21	15	1.47
(16,1380)	1:132:A:ALA:HA	1:134:A:VAL:HG22	15	1.47
(16,1380)	1:132:A:ALA:HA	1:134:A:VAL:HG23	15	1.47
(16,1121)	1:146:A:GLN:HA	1:147:A:ARG:HG2	3	1.47
(16,1121)	1:146:A:GLN:HA	1:147:A:ARG:HG3	3	1.47
(16,978)	1:11:A:ILE:HG12	1:43:A:MET:HB2	4	1.47
(16,851)	1:8:A:ASP:H	1:54:A:ARG:HD2	12	1.47
(16,851)	1:8:A:ASP:H	1:54:A:ARG:HD3	12	1.47
(16,350)	1:111:A:GLU:H	1:111:A:GLU:HG2	1	1.47
(16,350)	1:111:A:GLU:H	1:111:A:GLU:HG2	5	1.47
(16,54)	1:47:A:ALA:H	1:134:A:VAL:HG11	19	1.47
(16,54)	1:47:A:ALA:H	1:134:A:VAL:HG12	19	1.47
(16,54)	1:47:A:ALA:H	1:134:A:VAL:HG13	19	1.47
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG2	13	1.47
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG3	13	1.47
(15,2332)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	12	1.47
(15,2332)	1:108:A:GLU:HB2	1:111:A:GLU:HG3	12	1.47
(15,2332)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	12	1.47
(15,2332)	1:108:A:GLU:HB3	1:111:A:GLU:HG3	12	1.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	7	1.47
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	7	1.47
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	7	1.47
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	7	1.47
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	7	1.47
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	7	1.47
(15,1649)	1:132:A:ALA:HA	1:134:A:VAL:HG21	15	1.47
(15,1649)	1:132:A:ALA:HA	1:134:A:VAL:HG22	15	1.47
(15,1649)	1:132:A:ALA:HA	1:134:A:VAL:HG23	15	1.47
(15,1454)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	17	1.47
(15,1454)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	17	1.47
(15,1454)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	17	1.47
(15,1454)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	17	1.47
(15,1454)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	17	1.47
(15,1454)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	17	1.47
(15,1454)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	17	1.47
(15,1454)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	17	1.47
(15,1454)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	17	1.47
(15,1386)	1:19:A:ALA:HB1	1:132:A:ALA:HA	11	1.47
(15,1386)	1:19:A:ALA:HB2	1:132:A:ALA:HA	11	1.47
(15,1386)	1:19:A:ALA:HB3	1:132:A:ALA:HA	11	1.47
(15,1327)	1:106:A:ASP:HA	1:112:A:GLN:HE21	4	1.47
(13,877)	1:13:A:ALA:H	1:80:A:TYR:HB2	2	1.47
(13,825)	1:8:A:ASP:H	1:54:A:ARG:HD2	12	1.47
(13,825)	1:8:A:ASP:H	1:54:A:ARG:HD3	12	1.47
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	3	1.47
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	3	1.47
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	3	1.47
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	3	1.47
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	3	1.47
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	3	1.47
(11,1617)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	14	1.47
(11,1617)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	14	1.47
(11,1617)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	14	1.47
(11,1617)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	14	1.47
(11,1617)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	14	1.47
(11,1617)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	14	1.47
(9,2364)	1:131:A:LEU:HD11	1:134:A:VAL:HB	4	1.47
(9,2364)	1:131:A:LEU:HD12	1:134:A:VAL:HB	4	1.47
(9,2364)	1:131:A:LEU:HD13	1:134:A:VAL:HB	4	1.47
(9,2364)	1:131:A:LEU:HD21	1:134:A:VAL:HB	4	1.47
(9,2364)	1:131:A:LEU:HD22	1:134:A:VAL:HB	4	1.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2364)	1:131:A:LEU:HD23	1:134:A:VAL:HB	4	1.47
(9,1911)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	19	1.47
(9,1644)	1:132:A:ALA:HA	1:134:A:VAL:HG21	15	1.47
(9,1644)	1:132:A:ALA:HA	1:134:A:VAL:HG22	15	1.47
(9,1644)	1:132:A:ALA:HA	1:134:A:VAL:HG23	15	1.47
(9,962)	1:11:A:ILE:HG12	1:43:A:MET:HB2	4	1.47
(9,837)	1:8:A:ASP:H	1:54:A:ARG:HD2	12	1.47
(9,837)	1:8:A:ASP:H	1:54:A:ARG:HD3	12	1.47
(9,748)	1:103:A:ARG:HE	1:107:A:LEU:HD11	8	1.47
(9,748)	1:103:A:ARG:HE	1:107:A:LEU:HD12	8	1.47
(9,748)	1:103:A:ARG:HE	1:107:A:LEU:HD13	8	1.47
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD11	6	1.47
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD12	6	1.47
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD13	6	1.47
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD21	6	1.47
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD22	6	1.47
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD23	6	1.47
(7,1611)	1:27:A:ARG:HA	1:30:A:LEU:H	4	1.47
(7,1560)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	14	1.47
(7,1560)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	14	1.47
(7,1560)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	14	1.47
(7,1560)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	14	1.47
(7,1560)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	14	1.47
(7,1560)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	14	1.47
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	3	1.47
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	3	1.47
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	3	1.47
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG21	6	1.47
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG22	6	1.47
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG23	6	1.47
(7,1231)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	17	1.47
(7,1231)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	17	1.47
(7,1231)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	17	1.47
(7,1231)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	17	1.47
(7,1231)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	17	1.47
(7,1231)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	17	1.47
(7,1231)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	17	1.47
(7,1231)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	17	1.47
(7,1231)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	17	1.47
(7,830)	1:8:A:ASP:H	1:54:A:ARG:HD2	12	1.47
(7,830)	1:8:A:ASP:H	1:54:A:ARG:HD3	12	1.47
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG11	12	1.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG12	12	1.47
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG13	12	1.47
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG21	12	1.47
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG22	12	1.47
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG23	12	1.47
(6,2001)	1:14:A:VAL:HG11	1:18:A:PHE:HB2	19	1.47
(6,2001)	1:14:A:VAL:HG12	1:18:A:PHE:HB2	19	1.47
(6,2001)	1:14:A:VAL:HG13	1:18:A:PHE:HB2	19	1.47
(6,2001)	1:14:A:VAL:HG21	1:18:A:PHE:HB2	19	1.47
(6,2001)	1:14:A:VAL:HG22	1:18:A:PHE:HB2	19	1.47
(6,2001)	1:14:A:VAL:HG23	1:18:A:PHE:HB2	19	1.47
(6,1911)	1:18:A:PHE:HA	1:113:A:PHE:HE1	10	1.47
(6,1911)	1:18:A:PHE:HA	1:113:A:PHE:HE2	10	1.47
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	7	1.47
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	7	1.47
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	7	1.47
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	7	1.47
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	7	1.47
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	7	1.47
(6,1651)	1:134:A:VAL:HG11	1:137:A:SER:H	3	1.47
(6,1651)	1:134:A:VAL:HG12	1:137:A:SER:H	3	1.47
(6,1651)	1:134:A:VAL:HG13	1:137:A:SER:H	3	1.47
(6,1587)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	14	1.47
(6,1587)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	14	1.47
(6,1587)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	14	1.47
(6,1587)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	14	1.47
(6,1587)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	14	1.47
(6,1587)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	14	1.47
(5,1395)	1:132:A:ALA:HA	1:134:A:VAL:HG21	15	1.47
(5,1395)	1:132:A:ALA:HA	1:134:A:VAL:HG22	15	1.47
(5,1395)	1:132:A:ALA:HA	1:134:A:VAL:HG23	15	1.47
(5,1319)	1:66:A:THR:HG21	1:95:A:ILE:HA	1	1.47
(5,1319)	1:66:A:THR:HG22	1:95:A:ILE:HA	1	1.47
(5,1319)	1:66:A:THR:HG23	1:95:A:ILE:HA	1	1.47
(5,1310)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	8	1.47
(5,1310)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	8	1.47
(5,1310)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	8	1.47
(5,1310)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	8	1.47
(5,1310)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	8	1.47
(5,1310)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	8	1.47
(5,1264)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	17	1.47
(5,1264)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	17	1.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1264)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	17	1.47
(5,1264)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	17	1.47
(5,1264)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	17	1.47
(5,1264)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	17	1.47
(5,1264)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	17	1.47
(5,1264)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	17	1.47
(5,1264)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	17	1.47
(5,1025)	1:113:A:PHE:HA	1:116:A:GLN:HG3	9	1.47
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	11	1.47
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	11	1.47
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	11	1.47
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	11	1.47
(5,914)	1:43:A:MET:HA	1:44:A:GLU:HG2	4	1.47
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	3	1.47
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	3	1.47
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	3	1.47
(4,2048)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	10	1.47
(4,2048)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	10	1.47
(4,2048)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	10	1.47
(4,2048)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	10	1.47
(4,2048)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	10	1.47
(4,2048)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	10	1.47
(4,2048)	1:27:A:ARG:HB3	1:30:A:LEU:HD11	10	1.47
(4,2048)	1:27:A:ARG:HB3	1:30:A:LEU:HD12	10	1.47
(4,2048)	1:27:A:ARG:HB3	1:30:A:LEU:HD13	10	1.47
(4,2048)	1:27:A:ARG:HB3	1:30:A:LEU:HD21	10	1.47
(4,2048)	1:27:A:ARG:HB3	1:30:A:LEU:HD22	10	1.47
(4,2048)	1:27:A:ARG:HB3	1:30:A:LEU:HD23	10	1.47
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG11	12	1.47
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG12	12	1.47
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG13	12	1.47
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG21	12	1.47
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG22	12	1.47
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG23	12	1.47
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	7	1.47
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	7	1.47
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	7	1.47
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	7	1.47
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	7	1.47
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	7	1.47
(4,1843)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	16	1.47
(4,1843)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	16	1.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1568)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	14	1.47
(4,1568)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	14	1.47
(4,1568)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	14	1.47
(4,1568)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	14	1.47
(4,1568)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	14	1.47
(4,1568)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	14	1.47
(4,1371)	1:19:A:ALA:HB1	1:132:A:ALA:HA	10	1.47
(4,1371)	1:19:A:ALA:HB2	1:132:A:ALA:HA	10	1.47
(4,1371)	1:19:A:ALA:HB3	1:132:A:ALA:HA	10	1.47
(4,11)	1:64:A:LYS:H	1:116:A:GLN:HG2	3	1.47
(3,2087)	1:32:A:GLY:HA2	1:81:A:GLU:H	16	1.47
(3,2087)	1:32:A:GLY:HA3	1:81:A:GLU:H	16	1.47
(3,1594)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	1	1.47
(3,1594)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	1	1.47
(3,1594)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	1	1.47
(3,1414)	1:19:A:ALA:HB1	1:132:A:ALA:HA	11	1.47
(3,1414)	1:19:A:ALA:HB2	1:132:A:ALA:HA	11	1.47
(3,1414)	1:19:A:ALA:HB3	1:132:A:ALA:HA	11	1.47
(3,692)	1:145:A:PRO:HB3	1:148:A:CYS:H	2	1.47
(3,692)	1:145:A:PRO:HB3	1:148:A:CYS:H	13	1.47
(3,386)	1:62:A:HIS:H	1:63:A:ILE:HG13	11	1.47
(2,1783)	1:39:A:VAL:HG21	1:144:A:LEU:H	6	1.47
(2,1783)	1:39:A:VAL:HG22	1:144:A:LEU:H	6	1.47
(2,1783)	1:39:A:VAL:HG23	1:144:A:LEU:H	6	1.47
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	18	1.47
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	18	1.47
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	18	1.47
(2,709)	1:48:A:ARG:HE	1:49:A:LYS:HA	3	1.47
(2,684)	1:39:A:VAL:HB	1:144:A:LEU:H	12	1.47
(1,2027)	1:23:A:LEU:HD11	1:26:A:ASP:HA	4	1.47
(1,2027)	1:23:A:LEU:HD12	1:26:A:ASP:HA	4	1.47
(1,2027)	1:23:A:LEU:HD13	1:26:A:ASP:HA	4	1.47
(1,2027)	1:23:A:LEU:HD21	1:26:A:ASP:HA	4	1.47
(1,2027)	1:23:A:LEU:HD22	1:26:A:ASP:HA	4	1.47
(1,2027)	1:23:A:LEU:HD23	1:26:A:ASP:HA	4	1.47
(1,1881)	1:9:A:PHE:HE1	1:14:A:VAL:HB	8	1.47
(1,1881)	1:9:A:PHE:HE2	1:14:A:VAL:HB	8	1.47
(1,1863)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	17	1.47
(1,1863)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	17	1.47
(1,1863)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	17	1.47
(1,1863)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	17	1.47
(1,1863)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	17	1.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1863)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	17	1.47
(1,1332)	1:106:A:ASP:HA	1:112:A:GLN:HE21	4	1.47
(1,1256)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	17	1.47
(1,1256)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	17	1.47
(1,1256)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	17	1.47
(1,1256)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	17	1.47
(1,1256)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	17	1.47
(1,1256)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	17	1.47
(1,1256)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	17	1.47
(1,1256)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	17	1.47
(1,1256)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	17	1.47
(1,1239)	1:39:A:VAL:H	1:139:A:LEU:HD21	17	1.47
(1,1239)	1:39:A:VAL:H	1:139:A:LEU:HD22	17	1.47
(1,1239)	1:39:A:VAL:H	1:139:A:LEU:HD23	17	1.47
(1,936)	1:43:A:MET:HA	1:44:A:GLU:HG2	4	1.47
(1,720)	1:45:A:ALA:HA	1:48:A:ARG:HE	7	1.47
(1,648)	1:66:A:THR:H	1:96:A:VAL:H	1	1.47
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE1	11	1.46
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE2	11	1.46
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE3	11	1.46
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	12	1.46
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	12	1.46
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	12	1.46
(34,1347)	1:106:A:ASP:HA	1:112:A:GLN:HE21	19	1.46
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD11	19	1.46
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD12	19	1.46
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD13	19	1.46
(34,851)	1:68:A:LYS:HA	1:68:A:LYS:HE2	4	1.46
(34,851)	1:68:A:LYS:HA	1:68:A:LYS:HE3	4	1.46
(33,1847)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	14	1.46
(33,1847)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	14	1.46
(33,1847)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	14	1.46
(33,1847)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	14	1.46
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD11	19	1.46
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD12	19	1.46
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD13	19	1.46
(33,1343)	1:105:A:LYS:HG2	1:106:A:ASP:HA	9	1.46
(33,971)	1:141:A:LYS:HB2	1:149:A:ALA:HA	2	1.46
(33,971)	1:141:A:LYS:HB3	1:149:A:ALA:HA	2	1.46
(32,2144)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	10	1.46
(32,2144)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	10	1.46
(32,2144)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	10	1.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2144)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	10	1.46
(32,2144)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	10	1.46
(32,2144)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	10	1.46
(32,1611)	1:132:A:ALA:HA	1:134:A:VAL:HG21	12	1.46
(32,1611)	1:132:A:ALA:HA	1:134:A:VAL:HG22	12	1.46
(32,1611)	1:132:A:ALA:HA	1:134:A:VAL:HG23	12	1.46
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD11	19	1.46
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD12	19	1.46
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD13	19	1.46
(32,1418)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	18	1.46
(32,1418)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	18	1.46
(32,825)	1:68:A:LYS:HA	1:68:A:LYS:HE2	4	1.46
(32,825)	1:68:A:LYS:HA	1:68:A:LYS:HE3	4	1.46
(32,607)	1:35:A:LEU:H	1:80:A:TYR:HB2	8	1.46
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE1	7	1.46
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE2	7	1.46
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE1	7	1.46
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE2	7	1.46
(30,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	18	1.46
(30,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	18	1.46
(30,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	18	1.46
(30,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	18	1.46
(30,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	18	1.46
(30,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	18	1.46
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	9	1.46
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	9	1.46
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	9	1.46
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	9	1.46
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG11	12	1.46
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG12	12	1.46
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG13	12	1.46
(30,1374)	1:132:A:ALA:HA	1:134:A:VAL:HG21	12	1.46
(30,1374)	1:132:A:ALA:HA	1:134:A:VAL:HG22	12	1.46
(30,1374)	1:132:A:ALA:HA	1:134:A:VAL:HG23	12	1.46
(30,1074)	1:101:A:ILE:HG21	1:112:A:GLN:HA	19	1.46
(30,1074)	1:101:A:ILE:HG22	1:112:A:GLN:HA	19	1.46
(30,1074)	1:101:A:ILE:HG23	1:112:A:GLN:HA	19	1.46
(30,1048)	1:110:A:MET:HG2	1:114:A:ILE:HG13	17	1.46
(30,1048)	1:110:A:MET:HG3	1:114:A:ILE:HG13	17	1.46
(29,2395)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	9	1.46
(29,2395)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	9	1.46
(29,2395)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	9	1.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2395)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	9	1.46
(29,2395)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	9	1.46
(29,2395)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	9	1.46
(29,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	12	1.46
(29,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	12	1.46
(29,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	12	1.46
(29,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	12	1.46
(29,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	12	1.46
(29,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	12	1.46
(29,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	12	1.46
(29,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	12	1.46
(29,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	12	1.46
(29,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	12	1.46
(29,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	12	1.46
(29,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	12	1.46
(29,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	12	1.46
(29,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	12	1.46
(29,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	12	1.46
(29,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	12	1.46
(29,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	12	1.46
(29,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	12	1.46
(29,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	12	1.46
(29,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	12	1.46
(29,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	12	1.46
(29,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	12	1.46
(29,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	12	1.46
(29,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	12	1.46
(29,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	12	1.46
(29,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	12	1.46
(29,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	12	1.46
(29,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	12	1.46
(29,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	12	1.46
(29,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	12	1.46
(29,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	12	1.46
(29,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	12	1.46
(29,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	12	1.46
(29,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	12	1.46
(29,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	12	1.46
(29,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	12	1.46
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	19	1.46
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	19	1.46
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	19	1.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	19	1.46
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	19	1.46
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	19	1.46
(29,1383)	1:132:A:ALA:HA	1:134:A:VAL:HG21	12	1.46
(29,1383)	1:132:A:ALA:HA	1:134:A:VAL:HG22	12	1.46
(29,1383)	1:132:A:ALA:HA	1:134:A:VAL:HG23	12	1.46
(29,1074)	1:110:A:MET:HG2	1:114:A:ILE:HG13	17	1.46
(29,1074)	1:110:A:MET:HG3	1:114:A:ILE:HG13	17	1.46
(29,857)	1:68:A:LYS:HA	1:68:A:LYS:HE2	4	1.46
(29,857)	1:68:A:LYS:HA	1:68:A:LYS:HE3	4	1.46
(18,2153)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	10	1.46
(18,2153)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	10	1.46
(18,2153)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	10	1.46
(18,2153)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	10	1.46
(18,2153)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	10	1.46
(18,2153)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	10	1.46
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG11	16	1.46
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG12	16	1.46
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG13	16	1.46
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG21	16	1.46
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG22	16	1.46
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG23	16	1.46
(18,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	18	1.46
(18,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	18	1.46
(18,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	18	1.46
(18,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	18	1.46
(18,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	18	1.46
(18,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	18	1.46
(18,854)	1:68:A:LYS:HA	1:68:A:LYS:HE2	4	1.46
(18,854)	1:68:A:LYS:HA	1:68:A:LYS:HE3	4	1.46
(18,671)	1:101:A:ILE:HB	1:103:A:ARG:H	6	1.46
(18,602)	1:75:A:GLY:H	1:77:A:CYS:HB3	12	1.46
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG11	6	1.46
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG12	6	1.46
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG13	6	1.46
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG21	6	1.46
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG22	6	1.46
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG23	6	1.46
(17,2161)	1:43:A:MET:HA	1:134:A:VAL:HG11	13	1.46
(17,2161)	1:43:A:MET:HA	1:134:A:VAL:HG12	13	1.46
(17,2161)	1:43:A:MET:HA	1:134:A:VAL:HG13	13	1.46
(17,2161)	1:43:A:MET:HA	1:134:A:VAL:HG21	13	1.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2161)	1:43:A:MET:HA	1:134:A:VAL:HG22	13	1.46
(17,2161)	1:43:A:MET:HA	1:134:A:VAL:HG23	13	1.46
(17,1725)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	13	1.46
(17,854)	1:68:A:LYS:HA	1:68:A:LYS:HE2	4	1.46
(17,854)	1:68:A:LYS:HA	1:68:A:LYS:HE3	4	1.46
(16,2159)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	10	1.46
(16,2159)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	10	1.46
(16,2159)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	10	1.46
(16,2159)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	10	1.46
(16,2159)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	10	1.46
(16,2159)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	10	1.46
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD11	4	1.46
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD12	4	1.46
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD13	4	1.46
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD21	4	1.46
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD22	4	1.46
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD23	4	1.46
(16,1701)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	13	1.46
(16,1642)	1:132:A:ALA:H	1:134:A:VAL:HG11	9	1.46
(16,1642)	1:132:A:ALA:H	1:134:A:VAL:HG12	9	1.46
(16,1642)	1:132:A:ALA:H	1:134:A:VAL:HG13	9	1.46
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD11	19	1.46
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD12	19	1.46
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD13	19	1.46
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	19	1.46
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	19	1.46
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	19	1.46
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	19	1.46
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	19	1.46
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	19	1.46
(16,1380)	1:132:A:ALA:HA	1:134:A:VAL:HG21	12	1.46
(16,1380)	1:132:A:ALA:HA	1:134:A:VAL:HG22	12	1.46
(16,1380)	1:132:A:ALA:HA	1:134:A:VAL:HG23	12	1.46
(16,1096)	1:101:A:ILE:HG21	1:112:A:GLN:HA	19	1.46
(16,1096)	1:101:A:ILE:HG22	1:112:A:GLN:HA	19	1.46
(16,1096)	1:101:A:ILE:HG23	1:112:A:GLN:HA	19	1.46
(16,1005)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	2	1.46
(16,1005)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	2	1.46
(15,2498)	1:145:A:PRO:HD2	1:147:A:ARG:H	17	1.46
(15,2498)	1:145:A:PRO:HD3	1:147:A:ARG:H	17	1.46
(15,2490)	1:144:A:LEU:HB2	1:148:A:CYS:H	19	1.46
(15,2490)	1:144:A:LEU:HB3	1:148:A:CYS:H	19	1.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2187)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	12	1.46
(15,2187)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	12	1.46
(15,2187)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	12	1.46
(15,2187)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	12	1.46
(15,2187)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	12	1.46
(15,2187)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	12	1.46
(15,2187)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	12	1.46
(15,2187)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	12	1.46
(15,2187)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	12	1.46
(15,2187)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	12	1.46
(15,2187)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	12	1.46
(15,2187)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	12	1.46
(15,2187)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	12	1.46
(15,2187)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	12	1.46
(15,2187)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	12	1.46
(15,2187)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	12	1.46
(15,2187)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	12	1.46
(15,2187)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	12	1.46
(15,2187)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	12	1.46
(15,2187)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	12	1.46
(15,2187)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	12	1.46
(15,2187)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	12	1.46
(15,2187)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	12	1.46
(15,2187)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	12	1.46
(15,2187)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	12	1.46
(15,2187)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	12	1.46
(15,2187)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	12	1.46
(15,2187)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	12	1.46
(15,2187)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	12	1.46
(15,2187)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	12	1.46
(15,2187)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	12	1.46
(15,2187)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	12	1.46
(15,2187)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	12	1.46
(15,2187)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	12	1.46
(15,2187)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	12	1.46
(15,2187)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	12	1.46
(15,2129)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	10	1.46
(15,2129)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	10	1.46
(15,2129)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	10	1.46
(15,2129)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	10	1.46
(15,2129)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	10	1.46
(15,2129)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	10	1.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	13	1.46
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	13	1.46
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	13	1.46
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	13	1.46
(15,1649)	1:132:A:ALA:HA	1:134:A:VAL:HG21	12	1.46
(15,1649)	1:132:A:ALA:HA	1:134:A:VAL:HG22	12	1.46
(15,1649)	1:132:A:ALA:HA	1:134:A:VAL:HG23	12	1.46
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD21	19	1.46
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD22	19	1.46
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD23	19	1.46
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	19	1.46
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	19	1.46
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	19	1.46
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	19	1.46
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	19	1.46
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	19	1.46
(15,1575)	1:98:A:ILE:HD11	1:115:A:ALA:H	15	1.46
(15,1575)	1:98:A:ILE:HD12	1:115:A:ALA:H	15	1.46
(15,1575)	1:98:A:ILE:HD13	1:115:A:ALA:H	15	1.46
(15,967)	1:33:A:LYS:HB2	1:80:A:TYR:HB2	19	1.46
(15,967)	1:33:A:LYS:HB3	1:80:A:TYR:HB2	19	1.46
(15,848)	1:68:A:LYS:HA	1:68:A:LYS:HE2	4	1.46
(15,848)	1:68:A:LYS:HA	1:68:A:LYS:HE3	4	1.46
(15,812)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	2	1.46
(15,812)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	2	1.46
(15,812)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	2	1.46
(15,762)	1:13:A:ALA:HB1	1:34:A:LYS:H	7	1.46
(15,762)	1:13:A:ALA:HB2	1:34:A:LYS:H	7	1.46
(15,762)	1:13:A:ALA:HB3	1:34:A:LYS:H	7	1.46
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	9	1.46
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	9	1.46
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	9	1.46
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	9	1.46
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	9	1.46
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	9	1.46
(13,1426)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	3	1.46
(13,1426)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	3	1.46
(13,1426)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	3	1.46
(13,1300)	1:106:A:ASP:HA	1:112:A:GLN:HE21	19	1.46
(13,1066)	1:101:A:ILE:HG21	1:112:A:GLN:HA	19	1.46
(13,1066)	1:101:A:ILE:HG22	1:112:A:GLN:HA	19	1.46
(13,1066)	1:101:A:ILE:HG23	1:112:A:GLN:HA	19	1.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,877)	1:13:A:ALA:H	1:80:A:TYR:HB2	10	1.46
(13,831)	1:68:A:LYS:HA	1:68:A:LYS:HE2	4	1.46
(13,831)	1:68:A:LYS:HA	1:68:A:LYS:HE3	4	1.46
(13,571)	1:148:A:CYS:HA	1:150:A:THR:H	5	1.46
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	13	1.46
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	13	1.46
(11,2212)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	13	1.46
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	13	1.46
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	13	1.46
(11,2212)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	13	1.46
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	13	1.46
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	13	1.46
(11,2212)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	13	1.46
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	13	1.46
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	13	1.46
(11,2212)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	13	1.46
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	13	1.46
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	13	1.46
(11,2212)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	13	1.46
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	13	1.46
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	13	1.46
(11,2212)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	13	1.46
(11,1968)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	18	1.46
(11,1968)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	18	1.46
(11,1968)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	18	1.46
(11,1968)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	18	1.46
(11,1361)	1:105:A:LYS:HD2	1:106:A:ASP:HA	1	1.46
(11,1361)	1:105:A:LYS:HD3	1:106:A:ASP:HA	1	1.46
(11,1092)	1:101:A:ILE:HG21	1:112:A:GLN:HA	19	1.46
(11,1092)	1:101:A:ILE:HG22	1:112:A:GLN:HA	19	1.46
(11,1092)	1:101:A:ILE:HG23	1:112:A:GLN:HA	19	1.46
(11,577)	1:148:A:CYS:HA	1:150:A:THR:H	5	1.46
(9,1644)	1:132:A:ALA:HA	1:134:A:VAL:HG21	12	1.46
(9,1644)	1:132:A:ALA:HA	1:134:A:VAL:HG22	12	1.46
(9,1644)	1:132:A:ALA:HA	1:134:A:VAL:HG23	12	1.46
(9,843)	1:68:A:LYS:HA	1:68:A:LYS:HE2	4	1.46
(9,843)	1:68:A:LYS:HA	1:68:A:LYS:HE3	4	1.46
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD21	2	1.46
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD22	2	1.46
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD23	2	1.46
(7,1065)	1:101:A:ILE:HG21	1:112:A:GLN:HA	19	1.46
(7,1065)	1:101:A:ILE:HG22	1:112:A:GLN:HA	19	1.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1065)	1:101:A:ILE:HG23	1:112:A:GLN:HA	19	1.46
(7,998)	1:34:A:LYS:H	1:81:A:GLU:HB2	6	1.46
(7,837)	1:68:A:LYS:HA	1:68:A:LYS:HE2	4	1.46
(7,837)	1:68:A:LYS:HA	1:68:A:LYS:HE3	4	1.46
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	17	1.46
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	17	1.46
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	17	1.46
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	17	1.46
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	17	1.46
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	17	1.46
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	17	1.46
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	17	1.46
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	17	1.46
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	17	1.46
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	17	1.46
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	17	1.46
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD11	3	1.46
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD12	3	1.46
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD13	3	1.46
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD21	3	1.46
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD22	3	1.46
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD23	3	1.46
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD2	5	1.46
(5,1479)	1:15:A:ALA:HB1	1:147:A:ARG:HD3	5	1.46
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD2	5	1.46
(5,1479)	1:15:A:ALA:HB2	1:147:A:ARG:HD3	5	1.46
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD2	5	1.46
(5,1479)	1:15:A:ALA:HB3	1:147:A:ARG:HD3	5	1.46
(5,1395)	1:132:A:ALA:HA	1:134:A:VAL:HG21	12	1.46
(5,1395)	1:132:A:ALA:HA	1:134:A:VAL:HG22	12	1.46
(5,1395)	1:132:A:ALA:HA	1:134:A:VAL:HG23	12	1.46
(5,977)	1:47:A:ALA:HB1	1:134:A:VAL:HB	13	1.46
(5,977)	1:47:A:ALA:HB2	1:134:A:VAL:HB	13	1.46
(5,977)	1:47:A:ALA:HB3	1:134:A:VAL:HB	13	1.46
(5,845)	1:68:A:LYS:HA	1:68:A:LYS:HE2	4	1.46
(5,845)	1:68:A:LYS:HA	1:68:A:LYS:HE3	4	1.46
(4,2413)	1:129:A:LYS:HG2	1:130:A:GLY:HA2	19	1.46
(4,2413)	1:129:A:LYS:HG3	1:130:A:GLY:HA2	19	1.46
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG11	7	1.46
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG12	7	1.46
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG13	7	1.46
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG21	7	1.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG22	7	1.46
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG23	7	1.46
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG11	7	1.46
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG12	7	1.46
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG13	7	1.46
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG21	7	1.46
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG22	7	1.46
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG23	7	1.46
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	11	1.46
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	11	1.46
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	11	1.46
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD21	11	1.46
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD22	11	1.46
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD23	11	1.46
(4,1423)	1:31:A:PRO:HD3	1:144:A:LEU:HA	7	1.46
(4,1423)	1:31:A:PRO:HD3	1:144:A:LEU:HA	19	1.46
(4,1062)	1:101:A:ILE:HG21	1:112:A:GLN:HA	19	1.46
(4,1062)	1:101:A:ILE:HG22	1:112:A:GLN:HA	19	1.46
(4,1062)	1:101:A:ILE:HG23	1:112:A:GLN:HA	19	1.46
(4,844)	1:68:A:LYS:HA	1:68:A:LYS:HE2	4	1.46
(4,844)	1:68:A:LYS:HA	1:68:A:LYS:HE3	4	1.46
(4,213)	1:44:A:GLU:HG2	1:48:A:ARG:H	14	1.46
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD2	3	1.46
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD3	3	1.46
(3,2234)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	12	1.46
(3,2234)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	12	1.46
(3,2234)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	12	1.46
(3,2234)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	12	1.46
(3,2234)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	12	1.46
(3,2234)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	12	1.46
(3,2234)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	12	1.46
(3,2234)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	12	1.46
(3,2234)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	12	1.46
(3,2234)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	12	1.46
(3,2234)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	12	1.46
(3,2234)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	12	1.46
(3,2234)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	12	1.46
(3,2234)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	12	1.46
(3,2234)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	12	1.46
(3,2234)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	12	1.46
(3,2234)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	12	1.46
(3,2234)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	12	1.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2234)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	12	1.46
(3,2234)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	12	1.46
(3,2234)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	12	1.46
(3,2234)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	12	1.46
(3,2234)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	12	1.46
(3,2234)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	12	1.46
(3,2234)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	12	1.46
(3,2234)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	12	1.46
(3,2234)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	12	1.46
(3,2234)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	12	1.46
(3,2234)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	12	1.46
(3,2234)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	12	1.46
(3,2234)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	12	1.46
(3,2234)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	12	1.46
(3,2234)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	12	1.46
(3,2234)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	12	1.46
(3,2234)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	12	1.46
(3,2234)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	12	1.46
(3,2170)	1:43:A:MET:HG2	1:144:A:LEU:HD21	9	1.46
(3,2170)	1:43:A:MET:HG2	1:144:A:LEU:HD22	9	1.46
(3,2170)	1:43:A:MET:HG2	1:144:A:LEU:HD23	9	1.46
(3,2170)	1:43:A:MET:HG3	1:144:A:LEU:HD21	9	1.46
(3,2170)	1:43:A:MET:HG3	1:144:A:LEU:HD22	9	1.46
(3,2170)	1:43:A:MET:HG3	1:144:A:LEU:HD23	9	1.46
(3,2045)	1:17:A:ASN:HD21	1:79:A:THR:H	17	1.46
(3,2045)	1:17:A:ASN:HD22	1:79:A:THR:H	17	1.46
(3,1407)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	9	1.46
(3,1407)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	9	1.46
(3,1407)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	9	1.46
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD21	12	1.46
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD22	12	1.46
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD23	12	1.46
(3,1101)	1:101:A:ILE:HG21	1:112:A:GLN:HA	19	1.46
(3,1101)	1:101:A:ILE:HG22	1:112:A:GLN:HA	19	1.46
(3,1101)	1:101:A:ILE:HG23	1:112:A:GLN:HA	19	1.46
(3,864)	1:68:A:LYS:HA	1:68:A:LYS:HE2	4	1.46
(3,864)	1:68:A:LYS:HA	1:68:A:LYS:HE3	4	1.46
(3,567)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	5	1.46
(3,567)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	5	1.46
(3,567)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	5	1.46
(2,2172)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	10	1.46
(2,2172)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	10	1.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2172)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	10	1.46
(2,2172)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	10	1.46
(2,2172)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	10	1.46
(2,2172)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	10	1.46
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	19	1.46
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	19	1.46
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	19	1.46
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	19	1.46
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	19	1.46
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	19	1.46
(2,1458)	1:30:A:LEU:HB2	1:145:A:PRO:HD2	16	1.46
(2,1458)	1:30:A:LEU:HB3	1:145:A:PRO:HD2	16	1.46
(2,842)	1:68:A:LYS:HA	1:68:A:LYS:HE2	4	1.46
(2,842)	1:68:A:LYS:HA	1:68:A:LYS:HE3	4	1.46
(1,2193)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	12	1.46
(1,2193)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	12	1.46
(1,2193)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	12	1.46
(1,2193)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	12	1.46
(1,2193)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	12	1.46
(1,2193)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	12	1.46
(1,2193)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	12	1.46
(1,2193)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	12	1.46
(1,2193)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	12	1.46
(1,2193)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	12	1.46
(1,2193)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	12	1.46
(1,2193)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	12	1.46
(1,2193)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	12	1.46
(1,2193)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	12	1.46
(1,2193)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	12	1.46
(1,2193)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	12	1.46
(1,2193)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	12	1.46
(1,2193)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	12	1.46
(1,2193)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	12	1.46
(1,2193)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	12	1.46
(1,2193)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	12	1.46
(1,2193)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	12	1.46
(1,2193)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	12	1.46
(1,2193)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	12	1.46
(1,2193)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	12	1.46
(1,2193)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	12	1.46
(1,2193)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	12	1.46
(1,2193)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	12	1.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2193)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	12	1.46
(1,2193)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	12	1.46
(1,2193)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	12	1.46
(1,2193)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	12	1.46
(1,2193)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	12	1.46
(1,2193)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	12	1.46
(1,2193)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	12	1.46
(1,2193)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	12	1.46
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	8	1.46
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	8	1.46
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	8	1.46
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	8	1.46
(1,1638)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	4	1.46
(1,1595)	1:98:A:ILE:HD11	1:115:A:ALA:H	15	1.46
(1,1595)	1:98:A:ILE:HD12	1:115:A:ALA:H	15	1.46
(1,1595)	1:98:A:ILE:HD13	1:115:A:ALA:H	15	1.46
(1,472)	1:12:A:VAL:HG11	1:14:A:VAL:H	17	1.46
(1,472)	1:12:A:VAL:HG12	1:14:A:VAL:H	17	1.46
(1,472)	1:12:A:VAL:HG13	1:14:A:VAL:H	17	1.46
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	14	1.45
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	14	1.45
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	14	1.45
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	14	1.45
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	14	1.45
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	14	1.45
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	14	1.45
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	14	1.45
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	14	1.45
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	14	1.45
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	14	1.45
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	14	1.45
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	14	1.45
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	14	1.45
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	14	1.45
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	14	1.45
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	14	1.45
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	14	1.45
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	18	1.45
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	18	1.45
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	18	1.45
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	18	1.45
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	18	1.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	18	1.45
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	18	1.45
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	18	1.45
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	18	1.45
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	18	1.45
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	18	1.45
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	18	1.45
(34,1903)	1:18:A:PHE:HE1	1:57:A:LEU:HG	18	1.45
(34,1903)	1:18:A:PHE:HE2	1:57:A:LEU:HG	18	1.45
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD21	11	1.45
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD22	11	1.45
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD23	11	1.45
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG21	4	1.45
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG22	4	1.45
(34,1402)	1:94:A:ALA:HA	1:95:A:ILE:HG23	4	1.45
(34,1275)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	13	1.45
(34,1275)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	13	1.45
(34,1275)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	13	1.45
(34,1275)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	13	1.45
(34,1275)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	13	1.45
(34,1275)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	13	1.45
(34,867)	1:39:A:VAL:H	1:139:A:LEU:HB2	12	1.45
(34,867)	1:39:A:VAL:H	1:139:A:LEU:HB3	12	1.45
(34,706)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	17	1.45
(34,706)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	17	1.45
(33,2456)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	3	1.45
(33,2456)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	3	1.45
(33,2456)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	3	1.45
(33,2456)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	3	1.45
(33,2456)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	3	1.45
(33,2456)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	3	1.45
(33,2040)	1:23:A:LEU:HD11	1:26:A:ASP:HA	8	1.45
(33,2040)	1:23:A:LEU:HD12	1:26:A:ASP:HA	8	1.45
(33,2040)	1:23:A:LEU:HD13	1:26:A:ASP:HA	8	1.45
(33,2040)	1:23:A:LEU:HD21	1:26:A:ASP:HA	8	1.45
(33,2040)	1:23:A:LEU:HD22	1:26:A:ASP:HA	8	1.45
(33,2040)	1:23:A:LEU:HD23	1:26:A:ASP:HA	8	1.45
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE1	15	1.45
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE2	15	1.45
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE3	15	1.45
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE1	15	1.45
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE2	15	1.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE3	15	1.45
(32,2263)	1:74:A:PRO:HA	1:77:A:CYS:HB2	8	1.45
(32,2263)	1:74:A:PRO:HA	1:77:A:CYS:HB3	8	1.45
(32,2007)	1:23:A:LEU:HD11	1:26:A:ASP:HA	8	1.45
(32,2007)	1:23:A:LEU:HD12	1:26:A:ASP:HA	8	1.45
(32,2007)	1:23:A:LEU:HD13	1:26:A:ASP:HA	8	1.45
(32,2007)	1:23:A:LEU:HD21	1:26:A:ASP:HA	8	1.45
(32,2007)	1:23:A:LEU:HD22	1:26:A:ASP:HA	8	1.45
(32,2007)	1:23:A:LEU:HD23	1:26:A:ASP:HA	8	1.45
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	14	1.45
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	14	1.45
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	14	1.45
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	14	1.45
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	14	1.45
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	14	1.45
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	14	1.45
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	14	1.45
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	14	1.45
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	14	1.45
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	14	1.45
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	14	1.45
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	14	1.45
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	14	1.45
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	14	1.45
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	14	1.45
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	14	1.45
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	14	1.45
(32,1811)	1:13:A:ALA:HA	1:80:A:TYR:HE1	18	1.45
(32,1811)	1:13:A:ALA:HA	1:80:A:TYR:HE2	18	1.45
(32,1724)	1:141:A:LYS:HA	1:149:A:ALA:H	8	1.45
(32,1456)	1:114:A:ILE:HG21	1:117:A:VAL:HB	15	1.45
(32,1456)	1:114:A:ILE:HG22	1:117:A:VAL:HB	15	1.45
(32,1456)	1:114:A:ILE:HG23	1:117:A:VAL:HB	15	1.45
(30,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	19	1.45
(30,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	19	1.45
(30,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	19	1.45
(30,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	19	1.45
(30,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	19	1.45
(30,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	19	1.45
(30,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	19	1.45
(30,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	19	1.45
(30,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	19	1.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	19	1.45
(30,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	19	1.45
(30,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	19	1.45
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE1	17	1.45
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE2	17	1.45
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE1	17	1.45
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE2	17	1.45
(30,1912)	1:35:A:LEU:HG	1:80:A:TYR:HE1	13	1.45
(30,1912)	1:35:A:LEU:HG	1:80:A:TYR:HE2	13	1.45
(30,1908)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	8	1.45
(30,1908)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	8	1.45
(30,1908)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	8	1.45
(30,1908)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	8	1.45
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD21	5	1.45
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD22	5	1.45
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD23	5	1.45
(30,1507)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	17	1.45
(30,1507)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	17	1.45
(30,1507)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	17	1.45
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD11	1	1.45
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD12	1	1.45
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD13	1	1.45
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD21	1	1.45
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD22	1	1.45
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD23	1	1.45
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD11	1	1.45
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD12	1	1.45
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD13	1	1.45
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD21	1	1.45
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD22	1	1.45
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD23	1	1.45
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD11	1	1.45
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD12	1	1.45
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD13	1	1.45
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD21	1	1.45
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD22	1	1.45
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD23	1	1.45
(29,634)	1:57:A:LEU:H	1:58:A:ILE:HG13	17	1.45
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	14	1.45
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	14	1.45
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	14	1.45
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	14	1.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	14	1.45
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	14	1.45
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	14	1.45
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	14	1.45
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	14	1.45
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	14	1.45
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	14	1.45
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	14	1.45
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	14	1.45
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	14	1.45
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	14	1.45
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	14	1.45
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	14	1.45
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	14	1.45
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	15	1.45
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	15	1.45
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	15	1.45
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	15	1.45
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	15	1.45
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	15	1.45
(18,1841)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	18	1.45
(18,1841)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	18	1.45
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD1	11	1.45
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD2	11	1.45
(18,1744)	1:141:A:LYS:HA	1:149:A:ALA:H	8	1.45
(18,1602)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	5	1.45
(18,1602)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	5	1.45
(18,1602)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	5	1.45
(18,1602)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	5	1.45
(18,1602)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	5	1.45
(18,1602)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	5	1.45
(18,1343)	1:141:A:LYS:HB2	1:149:A:ALA:HA	15	1.45
(18,1343)	1:141:A:LYS:HB3	1:149:A:ALA:HA	15	1.45
(18,849)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	7	1.45
(18,671)	1:101:A:ILE:HB	1:103:A:ARG:H	10	1.45
(17,2272)	1:74:A:PRO:HA	1:77:A:CYS:HB2	8	1.45
(17,2272)	1:74:A:PRO:HA	1:77:A:CYS:HB3	8	1.45
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	19	1.45
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	19	1.45
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	19	1.45
(17,1520)	1:114:A:ILE:HG21	1:117:A:VAL:HB	15	1.45
(17,1520)	1:114:A:ILE:HG22	1:117:A:VAL:HB	15	1.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1520)	1:114:A:ILE:HG23	1:117:A:VAL:HB	15	1.45
(17,1365)	1:141:A:LYS:HB2	1:149:A:ALA:HA	15	1.45
(17,1365)	1:141:A:LYS:HB3	1:149:A:ALA:HA	15	1.45
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD11	13	1.45
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD12	13	1.45
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD13	13	1.45
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD21	13	1.45
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD22	13	1.45
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD23	13	1.45
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD11	13	1.45
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD12	13	1.45
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD13	13	1.45
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD21	13	1.45
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD22	13	1.45
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD23	13	1.45
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD11	13	1.45
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD12	13	1.45
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD13	13	1.45
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD21	13	1.45
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD22	13	1.45
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD23	13	1.45
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	14	1.45
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	14	1.45
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	14	1.45
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	14	1.45
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	14	1.45
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	14	1.45
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	14	1.45
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	14	1.45
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	14	1.45
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	14	1.45
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	14	1.45
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	14	1.45
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	14	1.45
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	14	1.45
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	14	1.45
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	14	1.45
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	14	1.45
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	14	1.45
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	19	1.45
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	19	1.45
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	19	1.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,968)	1:39:A:VAL:HA	1:43:A:MET:HG2	19	1.45
(16,673)	1:110:A:MET:H	1:111:A:GLU:HG2	15	1.45
(16,350)	1:111:A:GLU:H	1:111:A:GLU:HG2	12	1.45
(15,2490)	1:144:A:LEU:HB2	1:148:A:CYS:H	6	1.45
(15,2490)	1:144:A:LEU:HB3	1:148:A:CYS:H	6	1.45
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG2	5	1.45
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG3	5	1.45
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE1	15	1.45
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE2	15	1.45
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE3	15	1.45
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE1	15	1.45
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE2	15	1.45
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE3	15	1.45
(15,1887)	1:35:A:LEU:HG	1:80:A:TYR:HE1	13	1.45
(15,1887)	1:35:A:LEU:HG	1:80:A:TYR:HE2	13	1.45
(15,1750)	1:141:A:LYS:HA	1:149:A:ALA:H	8	1.45
(15,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	1	1.45
(15,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	1	1.45
(15,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	1	1.45
(15,994)	1:98:A:ILE:H	1:105:A:LYS:HD2	11	1.45
(15,994)	1:98:A:ILE:H	1:105:A:LYS:HD3	11	1.45
(15,920)	1:125:A:THR:HB	1:128:A:LEU:HG	10	1.45
(15,844)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	7	1.45
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	17	1.45
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	17	1.45
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	17	1.45
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	17	1.45
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	17	1.45
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	17	1.45
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	17	1.45
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	17	1.45
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	17	1.45
(15,812)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	8	1.45
(15,812)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	8	1.45
(15,812)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	8	1.45
(15,812)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	10	1.45
(15,812)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	10	1.45
(15,812)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	10	1.45
(13,2237)	1:74:A:PRO:HA	1:77:A:CYS:HB2	8	1.45
(13,2237)	1:74:A:PRO:HA	1:77:A:CYS:HB3	8	1.45
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	14	1.45
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	14	1.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	14	1.45
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	14	1.45
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	14	1.45
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	14	1.45
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	14	1.45
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	14	1.45
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	14	1.45
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	14	1.45
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	14	1.45
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	14	1.45
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	14	1.45
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	14	1.45
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	14	1.45
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	14	1.45
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	14	1.45
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	14	1.45
(13,1813)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	18	1.45
(13,1813)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	18	1.45
(13,1728)	1:141:A:LYS:HA	1:149:A:ALA:H	8	1.45
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD21	11	1.45
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD22	11	1.45
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD23	11	1.45
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE1	14	1.45
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE2	14	1.45
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE3	14	1.45
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE1	14	1.45
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE2	14	1.45
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE3	14	1.45
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE1	14	1.45
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE2	14	1.45
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE3	14	1.45
(13,683)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	17	1.45
(13,683)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	17	1.45
(11,2419)	1:134:A:VAL:HG11	1:137:A:SER:HB2	10	1.45
(11,2419)	1:134:A:VAL:HG11	1:137:A:SER:HB3	10	1.45
(11,2419)	1:134:A:VAL:HG12	1:137:A:SER:HB2	10	1.45
(11,2419)	1:134:A:VAL:HG12	1:137:A:SER:HB3	10	1.45
(11,2419)	1:134:A:VAL:HG13	1:137:A:SER:HB2	10	1.45
(11,2419)	1:134:A:VAL:HG13	1:137:A:SER:HB3	10	1.45
(11,2419)	1:134:A:VAL:HG21	1:137:A:SER:HB2	10	1.45
(11,2419)	1:134:A:VAL:HG21	1:137:A:SER:HB3	10	1.45
(11,2419)	1:134:A:VAL:HG22	1:137:A:SER:HB2	10	1.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2419)	1:134:A:VAL:HG22	1:137:A:SER:HB3	10	1.45
(11,2419)	1:134:A:VAL:HG23	1:137:A:SER:HB2	10	1.45
(11,2419)	1:134:A:VAL:HG23	1:137:A:SER:HB3	10	1.45
(11,2055)	1:23:A:LEU:HD11	1:26:A:ASP:HA	8	1.45
(11,2055)	1:23:A:LEU:HD12	1:26:A:ASP:HA	8	1.45
(11,2055)	1:23:A:LEU:HD13	1:26:A:ASP:HA	8	1.45
(11,2055)	1:23:A:LEU:HD21	1:26:A:ASP:HA	8	1.45
(11,2055)	1:23:A:LEU:HD22	1:26:A:ASP:HA	8	1.45
(11,2055)	1:23:A:LEU:HD23	1:26:A:ASP:HA	8	1.45
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD11	18	1.45
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD12	18	1.45
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD13	18	1.45
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD21	18	1.45
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD22	18	1.45
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD23	18	1.45
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD11	18	1.45
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD12	18	1.45
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD13	18	1.45
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD21	18	1.45
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD22	18	1.45
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD23	18	1.45
(11,2004)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	5	1.45
(11,2004)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	5	1.45
(11,2004)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	5	1.45
(11,2004)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	5	1.45
(11,2004)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	5	1.45
(11,2004)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	5	1.45
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD21	5	1.45
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD22	5	1.45
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD23	5	1.45
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	19	1.45
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	19	1.45
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	19	1.45
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD11	15	1.45
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD12	15	1.45
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD13	15	1.45
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD21	15	1.45
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD22	15	1.45
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD23	15	1.45
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD11	15	1.45
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD12	15	1.45
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD13	15	1.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD21	15	1.45
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD22	15	1.45
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD23	15	1.45
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG11	16	1.45
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG12	16	1.45
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG13	16	1.45
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG21	16	1.45
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG22	16	1.45
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG23	16	1.45
(7,1822)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	18	1.45
(7,1822)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	18	1.45
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG21	5	1.45
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG22	5	1.45
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG23	5	1.45
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG21	15	1.45
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG22	15	1.45
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG23	15	1.45
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD11	6	1.45
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD12	6	1.45
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD13	6	1.45
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	19	1.45
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	19	1.45
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	19	1.45
(6,1848)	1:13:A:ALA:HA	1:80:A:TYR:HE1	18	1.45
(6,1848)	1:13:A:ALA:HA	1:80:A:TYR:HE2	18	1.45
(6,1696)	1:43:A:MET:HE1	1:135:A:GLN:H	10	1.45
(6,1696)	1:43:A:MET:HE2	1:135:A:GLN:H	10	1.45
(6,1696)	1:43:A:MET:HE3	1:135:A:GLN:H	10	1.45
(6,1465)	1:67:A:PRO:HD3	1:95:A:ILE:HA	7	1.45
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG21	12	1.45
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG22	12	1.45
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG23	12	1.45
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD11	7	1.45
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD12	7	1.45
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD13	7	1.45
(5,1073)	1:14:A:VAL:HG21	1:61:A:SER:HA	4	1.45
(5,1073)	1:14:A:VAL:HG22	1:61:A:SER:HA	4	1.45
(5,1073)	1:14:A:VAL:HG23	1:61:A:SER:HA	4	1.45
(5,1040)	1:60:A:LEU:H	1:63:A:ILE:HG13	17	1.45
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG2	11	1.45
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG3	11	1.45
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG2	11	1.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG3	11	1.45
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG2	11	1.45
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG3	11	1.45
(5,887)	1:11:A:ILE:HB	1:44:A:GLU:HG3	6	1.45
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	14	1.45
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	14	1.45
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	14	1.45
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	14	1.45
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	14	1.45
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	14	1.45
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	14	1.45
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	14	1.45
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	14	1.45
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	14	1.45
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	14	1.45
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	14	1.45
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	14	1.45
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	14	1.45
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	14	1.45
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	14	1.45
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	14	1.45
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	14	1.45
(4,1743)	1:141:A:LYS:HA	1:149:A:ALA:H	8	1.45
(4,1675)	1:43:A:MET:HE1	1:135:A:GLN:H	10	1.45
(4,1675)	1:43:A:MET:HE2	1:135:A:GLN:H	10	1.45
(4,1675)	1:43:A:MET:HE3	1:135:A:GLN:H	10	1.45
(4,1334)	1:141:A:LYS:HB2	1:149:A:ALA:HA	15	1.45
(4,1334)	1:141:A:LYS:HB3	1:149:A:ALA:HA	15	1.45
(3,2007)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	5	1.45
(3,2007)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	5	1.45
(3,2007)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	5	1.45
(3,2007)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	5	1.45
(3,2007)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	5	1.45
(3,2007)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	5	1.45
(3,1873)	1:13:A:ALA:HA	1:80:A:TYR:HE1	18	1.45
(3,1873)	1:13:A:ALA:HA	1:80:A:TYR:HE2	18	1.45
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD2	19	1.45
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD3	19	1.45
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD2	19	1.45
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD3	19	1.45
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD2	19	1.45
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD3	19	1.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1679)	1:134:A:VAL:HG11	1:137:A:SER:H	4	1.45
(3,1679)	1:134:A:VAL:HG12	1:137:A:SER:H	4	1.45
(3,1679)	1:134:A:VAL:HG13	1:137:A:SER:H	4	1.45
(3,1679)	1:134:A:VAL:HG11	1:137:A:SER:H	14	1.45
(3,1679)	1:134:A:VAL:HG12	1:137:A:SER:H	14	1.45
(3,1679)	1:134:A:VAL:HG13	1:137:A:SER:H	14	1.45
(3,1521)	1:114:A:ILE:HG21	1:117:A:VAL:HB	15	1.45
(3,1521)	1:114:A:ILE:HG22	1:117:A:VAL:HB	15	1.45
(3,1521)	1:114:A:ILE:HG23	1:117:A:VAL:HB	15	1.45
(3,572)	1:98:A:ILE:HG13	1:116:A:GLN:H	3	1.45
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG11	1	1.45
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG12	1	1.45
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG13	1	1.45
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG21	1	1.45
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG22	1	1.45
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG23	1	1.45
(2,2057)	1:23:A:LEU:HD11	1:26:A:ASP:HA	8	1.45
(2,2057)	1:23:A:LEU:HD12	1:26:A:ASP:HA	8	1.45
(2,2057)	1:23:A:LEU:HD13	1:26:A:ASP:HA	8	1.45
(2,2057)	1:23:A:LEU:HD21	1:26:A:ASP:HA	8	1.45
(2,2057)	1:23:A:LEU:HD22	1:26:A:ASP:HA	8	1.45
(2,2057)	1:23:A:LEU:HD23	1:26:A:ASP:HA	8	1.45
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE1	15	1.45
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE2	15	1.45
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE3	15	1.45
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE1	15	1.45
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE2	15	1.45
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE3	15	1.45
(2,1922)	1:18:A:PHE:HE1	1:57:A:LEU:HG	18	1.45
(2,1922)	1:18:A:PHE:HE2	1:57:A:LEU:HG	18	1.45
(2,1804)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	17	1.45
(2,1804)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	17	1.45
(2,1781)	1:141:A:LYS:HA	1:149:A:ALA:H	8	1.45
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD21	5	1.45
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD22	5	1.45
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD23	5	1.45
(2,942)	1:39:A:VAL:HA	1:43:A:MET:HG2	19	1.45
(2,696)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	17	1.45
(2,696)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	17	1.45
(1,1868)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	18	1.45
(1,1868)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	18	1.45
(1,1794)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	17	1.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1794)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	17	1.45
(1,1353)	1:141:A:LYS:HB2	1:149:A:ALA:HA	15	1.45
(1,1353)	1:141:A:LYS:HB3	1:149:A:ALA:HA	15	1.45
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	17	1.45
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	17	1.45
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	17	1.45
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	17	1.45
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	17	1.45
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	17	1.45
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	17	1.45
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	17	1.45
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	17	1.45
(1,705)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	17	1.45
(1,705)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	17	1.45
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD21	15	1.44
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD22	15	1.44
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD23	15	1.44
(34,1269)	1:39:A:VAL:HA	1:139:A:LEU:HD21	17	1.44
(34,1269)	1:39:A:VAL:HA	1:139:A:LEU:HD22	17	1.44
(34,1269)	1:39:A:VAL:HA	1:139:A:LEU:HD23	17	1.44
(34,908)	1:10:A:ASN:HD22	1:11:A:ILE:HB	7	1.44
(34,842)	1:48:A:ARG:HD2	1:49:A:LYS:HA	4	1.44
(34,842)	1:48:A:ARG:HD3	1:49:A:LYS:HA	4	1.44
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD11	12	1.44
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD12	12	1.44
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD13	12	1.44
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD21	12	1.44
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD22	12	1.44
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD23	12	1.44
(33,1343)	1:105:A:LYS:HG2	1:106:A:ASP:HA	7	1.44
(33,1343)	1:105:A:LYS:HG2	1:106:A:ASP:HA	17	1.44
(33,1246)	1:39:A:VAL:HA	1:139:A:LEU:HD21	17	1.44
(33,1246)	1:39:A:VAL:HA	1:139:A:LEU:HD22	17	1.44
(33,1246)	1:39:A:VAL:HA	1:139:A:LEU:HD23	17	1.44
(33,1056)	1:43:A:MET:HB2	1:140:A:LEU:HG	4	1.44
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD11	12	1.44
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD12	12	1.44
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD13	12	1.44
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD21	12	1.44
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD22	12	1.44
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD23	12	1.44
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD11	12	1.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD12	12	1.44
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD13	12	1.44
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD21	12	1.44
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD22	12	1.44
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD23	12	1.44
(32,1418)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	4	1.44
(32,1418)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	4	1.44
(30,1908)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	9	1.44
(30,1908)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	9	1.44
(30,1908)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	9	1.44
(30,1908)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	9	1.44
(30,1553)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	1.44
(30,1553)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	1.44
(30,1553)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	1.44
(30,1553)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	1.44
(30,1553)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	1.44
(30,1553)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	1.44
(30,1078)	1:136:A:CYS:HB2	1:141:A:LYS:HA	12	1.44
(29,2138)	1:40:A:LEU:HD11	1:41:A:LYS:HA	17	1.44
(29,2138)	1:40:A:LEU:HD12	1:41:A:LYS:HA	17	1.44
(29,2138)	1:40:A:LEU:HD13	1:41:A:LYS:HA	17	1.44
(29,2138)	1:40:A:LEU:HD21	1:41:A:LYS:HA	17	1.44
(29,2138)	1:40:A:LEU:HD22	1:41:A:LYS:HA	17	1.44
(29,2138)	1:40:A:LEU:HD23	1:41:A:LYS:HA	17	1.44
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	17	1.44
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	17	1.44
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	17	1.44
(29,1259)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	13	1.44
(29,1259)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	13	1.44
(29,1259)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	13	1.44
(29,1259)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	13	1.44
(29,1259)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	13	1.44
(29,1259)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	13	1.44
(29,998)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	2	1.44
(29,998)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	2	1.44
(29,579)	1:11:A:ILE:HD11	1:16:A:SER:H	15	1.44
(29,579)	1:11:A:ILE:HD12	1:16:A:SER:H	15	1.44
(29,579)	1:11:A:ILE:HD13	1:16:A:SER:H	15	1.44
(18,1886)	1:18:A:PHE:HE1	1:128:A:LEU:HG	8	1.44
(18,1886)	1:18:A:PHE:HE2	1:128:A:LEU:HG	8	1.44
(18,1246)	1:39:A:VAL:HA	1:139:A:LEU:HD21	17	1.44
(18,1246)	1:39:A:VAL:HA	1:139:A:LEU:HD22	17	1.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1246)	1:39:A:VAL:HA	1:139:A:LEU:HD23	17	1.44
(17,1923)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	11	1.44
(17,1923)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	11	1.44
(17,1923)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	11	1.44
(17,1923)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	11	1.44
(17,1248)	1:39:A:VAL:HA	1:139:A:LEU:HD21	17	1.44
(17,1248)	1:39:A:VAL:HA	1:139:A:LEU:HD22	17	1.44
(17,1248)	1:39:A:VAL:HA	1:139:A:LEU:HD23	17	1.44
(17,1040)	1:60:A:LEU:H	1:63:A:ILE:HG13	17	1.44
(17,511)	1:70:A:LYS:HG3	1:71:A:LYS:H	19	1.44
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD21	11	1.44
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD22	11	1.44
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD21	11	1.44
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD22	11	1.44
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD21	11	1.44
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD22	11	1.44
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD11	12	1.44
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD12	12	1.44
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD13	12	1.44
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD21	12	1.44
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD22	12	1.44
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD23	12	1.44
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD2	8	1.44
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD3	8	1.44
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD2	8	1.44
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD3	8	1.44
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD2	8	1.44
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD3	8	1.44
(16,1036)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	13	1.44
(16,1036)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	13	1.44
(16,792)	1:11:A:ILE:HD11	1:52:A:CYS:HB2	6	1.44
(16,792)	1:11:A:ILE:HD11	1:52:A:CYS:HB3	6	1.44
(16,792)	1:11:A:ILE:HD12	1:52:A:CYS:HB2	6	1.44
(16,792)	1:11:A:ILE:HD12	1:52:A:CYS:HB3	6	1.44
(16,792)	1:11:A:ILE:HD13	1:52:A:CYS:HB2	6	1.44
(16,792)	1:11:A:ILE:HD13	1:52:A:CYS:HB3	6	1.44
(16,727)	1:63:A:ILE:HG12	1:116:A:GLN:HE22	6	1.44
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD21	4	1.44
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD22	4	1.44
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD23	4	1.44
(15,1239)	1:39:A:VAL:HA	1:139:A:LEU:HD21	17	1.44
(15,1239)	1:39:A:VAL:HA	1:139:A:LEU:HD22	17	1.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1239)	1:39:A:VAL:HA	1:139:A:LEU:HD23	17	1.44
(15,920)	1:125:A:THR:HB	1:128:A:LEU:HG	14	1.44
(15,812)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	11	1.44
(15,812)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	11	1.44
(15,812)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	11	1.44
(15,812)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	14	1.44
(15,812)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	14	1.44
(15,812)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	14	1.44
(15,582)	1:11:A:ILE:HD11	1:16:A:SER:H	15	1.44
(15,582)	1:11:A:ILE:HD12	1:16:A:SER:H	15	1.44
(15,582)	1:11:A:ILE:HD13	1:16:A:SER:H	15	1.44
(15,448)	1:76:A:ARG:H	1:77:A:CYS:HB2	7	1.44
(13,1908)	1:10:A:ASN:HD21	1:80:A:TYR:HB3	15	1.44
(13,1908)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	15	1.44
(13,1853)	1:18:A:PHE:HE1	1:128:A:LEU:HG	8	1.44
(13,1853)	1:18:A:PHE:HE2	1:128:A:LEU:HG	8	1.44
(13,1817)	1:9:A:PHE:HZ	1:58:A:ILE:HG13	14	1.44
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD21	15	1.44
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD22	15	1.44
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD23	15	1.44
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE1	17	1.44
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE2	17	1.44
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE3	17	1.44
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE1	17	1.44
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE2	17	1.44
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE3	17	1.44
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE1	17	1.44
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE2	17	1.44
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE3	17	1.44
(13,571)	1:148:A:CYS:HA	1:150:A:THR:H	3	1.44
(13,571)	1:148:A:CYS:HA	1:150:A:THR:H	14	1.44
(11,2177)	1:46:A:ASN:HD21	1:131:A:LEU:HA	7	1.44
(11,2177)	1:46:A:ASN:HD22	1:131:A:LEU:HA	7	1.44
(11,2177)	1:46:A:ASN:HD21	1:131:A:LEU:HA	13	1.44
(11,2177)	1:46:A:ASN:HD22	1:131:A:LEU:HA	13	1.44
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	15	1.44
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	15	1.44
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	15	1.44
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	15	1.44
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	15	1.44
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	15	1.44
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG11	10	1.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG12	10	1.44
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG13	10	1.44
(11,577)	1:148:A:CYS:HA	1:150:A:THR:H	3	1.44
(11,577)	1:148:A:CYS:HA	1:150:A:THR:H	14	1.44
(9,2001)	1:17:A:ASN:HD21	1:78:A:HIS:H	11	1.44
(9,2001)	1:17:A:ASN:HD22	1:78:A:HIS:H	11	1.44
(9,1240)	1:39:A:VAL:HA	1:139:A:LEU:HD21	17	1.44
(9,1240)	1:39:A:VAL:HA	1:139:A:LEU:HD22	17	1.44
(9,1240)	1:39:A:VAL:HA	1:139:A:LEU:HD23	17	1.44
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD21	17	1.44
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD22	17	1.44
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD23	17	1.44
(9,985)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	2	1.44
(9,985)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	2	1.44
(9,780)	1:11:A:ILE:HD11	1:52:A:CYS:HB2	6	1.44
(9,780)	1:11:A:ILE:HD11	1:52:A:CYS:HB3	6	1.44
(9,780)	1:11:A:ILE:HD12	1:52:A:CYS:HB2	6	1.44
(9,780)	1:11:A:ILE:HD12	1:52:A:CYS:HB3	6	1.44
(9,780)	1:11:A:ILE:HD13	1:52:A:CYS:HB2	6	1.44
(9,780)	1:11:A:ILE:HD13	1:52:A:CYS:HB3	6	1.44
(9,748)	1:103:A:ARG:HE	1:107:A:LEU:HD11	6	1.44
(9,748)	1:103:A:ARG:HE	1:107:A:LEU:HD12	6	1.44
(9,748)	1:103:A:ARG:HE	1:107:A:LEU:HD13	6	1.44
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB2	7	1.44
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB3	7	1.44
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB2	17	1.44
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB3	17	1.44
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG11	3	1.44
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG12	3	1.44
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG13	3	1.44
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG21	3	1.44
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG22	3	1.44
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG23	3	1.44
(7,1217)	1:39:A:VAL:HA	1:139:A:LEU:HD21	17	1.44
(7,1217)	1:39:A:VAL:HA	1:139:A:LEU:HD22	17	1.44
(7,1217)	1:39:A:VAL:HA	1:139:A:LEU:HD23	17	1.44
(7,471)	1:12:A:VAL:HG11	1:14:A:VAL:H	17	1.44
(7,471)	1:12:A:VAL:HG12	1:14:A:VAL:H	17	1.44
(7,471)	1:12:A:VAL:HG13	1:14:A:VAL:H	17	1.44
(7,233)	1:44:A:GLU:HG3	1:48:A:ARG:H	13	1.44
(6,2028)	1:17:A:ASN:HD21	1:78:A:HIS:H	11	1.44
(6,2028)	1:17:A:ASN:HD22	1:78:A:HIS:H	11	1.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	2	1.44
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	2	1.44
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	2	1.44
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG21	2	1.44
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG22	2	1.44
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG23	2	1.44
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	5	1.44
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	5	1.44
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	5	1.44
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG21	5	1.44
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG22	5	1.44
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG23	5	1.44
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD21	5	1.44
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD22	5	1.44
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD23	5	1.44
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG21	10	1.44
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG22	10	1.44
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG23	10	1.44
(6,1233)	1:39:A:VAL:HA	1:139:A:LEU:HD21	17	1.44
(6,1233)	1:39:A:VAL:HA	1:139:A:LEU:HD22	17	1.44
(6,1233)	1:39:A:VAL:HA	1:139:A:LEU:HD23	17	1.44
(6,230)	1:44:A:GLU:HG3	1:48:A:ARG:H	13	1.44
(5,1727)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	8	1.44
(5,1727)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	8	1.44
(5,1727)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	8	1.44
(5,1249)	1:39:A:VAL:HA	1:139:A:LEU:HD21	17	1.44
(5,1249)	1:39:A:VAL:HA	1:139:A:LEU:HD22	17	1.44
(5,1249)	1:39:A:VAL:HA	1:139:A:LEU:HD23	17	1.44
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG21	3	1.44
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG22	3	1.44
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG23	3	1.44
(5,914)	1:43:A:MET:HA	1:44:A:GLU:HG2	7	1.44
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	14	1.44
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	14	1.44
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	14	1.44
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	14	1.44
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	14	1.44
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	14	1.44
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD21	5	1.44
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD22	5	1.44
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD23	5	1.44
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG11	10	1.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG12	10	1.44
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG13	10	1.44
(4,1216)	1:39:A:VAL:HA	1:139:A:LEU:HD21	17	1.44
(4,1216)	1:39:A:VAL:HA	1:139:A:LEU:HD22	17	1.44
(4,1216)	1:39:A:VAL:HA	1:139:A:LEU:HD23	17	1.44
(4,565)	1:11:A:ILE:HD11	1:16:A:SER:H	15	1.44
(4,565)	1:11:A:ILE:HD12	1:16:A:SER:H	15	1.44
(4,565)	1:11:A:ILE:HD13	1:16:A:SER:H	15	1.44
(4,225)	1:44:A:GLU:HG3	1:48:A:ARG:H	13	1.44
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG11	7	1.44
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG12	7	1.44
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG13	7	1.44
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG21	7	1.44
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG22	7	1.44
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG23	7	1.44
(3,1999)	1:12:A:VAL:HG11	1:43:A:MET:H	5	1.44
(3,1999)	1:12:A:VAL:HG12	1:43:A:MET:H	5	1.44
(3,1999)	1:12:A:VAL:HG13	1:43:A:MET:H	5	1.44
(3,1999)	1:12:A:VAL:HG21	1:43:A:MET:H	5	1.44
(3,1999)	1:12:A:VAL:HG22	1:43:A:MET:H	5	1.44
(3,1999)	1:12:A:VAL:HG23	1:43:A:MET:H	5	1.44
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD1	11	1.44
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD2	11	1.44
(3,1477)	1:144:A:LEU:HD11	1:145:A:PRO:HD2	1	1.44
(3,1477)	1:144:A:LEU:HD12	1:145:A:PRO:HD2	1	1.44
(3,1477)	1:144:A:LEU:HD13	1:145:A:PRO:HD2	1	1.44
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD21	6	1.44
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD22	6	1.44
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD23	6	1.44
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD21	6	1.44
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD22	6	1.44
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD23	6	1.44
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD21	6	1.44
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD22	6	1.44
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD23	6	1.44
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	7	1.44
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	7	1.44
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	7	1.44
(2,1565)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	1.44
(2,1565)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	1.44
(2,1565)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	1.44
(2,1565)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	1.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1565)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	1.44
(2,1565)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	1.44
(1,1241)	1:39:A:VAL:HA	1:139:A:LEU:HD21	17	1.44
(1,1241)	1:39:A:VAL:HA	1:139:A:LEU:HD22	17	1.44
(1,1241)	1:39:A:VAL:HA	1:139:A:LEU:HD23	17	1.44
(1,936)	1:43:A:MET:HA	1:44:A:GLU:HG2	7	1.44
(34,2135)	1:40:A:LEU:HD11	1:41:A:LYS:HA	15	1.43
(34,2135)	1:40:A:LEU:HD12	1:41:A:LYS:HA	15	1.43
(34,2135)	1:40:A:LEU:HD13	1:41:A:LYS:HA	15	1.43
(34,2135)	1:40:A:LEU:HD21	1:41:A:LYS:HA	15	1.43
(34,2135)	1:40:A:LEU:HD22	1:41:A:LYS:HA	15	1.43
(34,2135)	1:40:A:LEU:HD23	1:41:A:LYS:HA	15	1.43
(34,1953)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	5	1.43
(34,1953)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	5	1.43
(34,1953)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	5	1.43
(34,1953)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	5	1.43
(34,1953)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	5	1.43
(34,1953)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	5	1.43
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE1	15	1.43
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE2	15	1.43
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE3	15	1.43
(34,1198)	1:39:A:VAL:HA	1:140:A:LEU:HD21	13	1.43
(34,1198)	1:39:A:VAL:HA	1:140:A:LEU:HD22	13	1.43
(34,1198)	1:39:A:VAL:HA	1:140:A:LEU:HD23	13	1.43
(34,1041)	1:34:A:LYS:H	1:81:A:GLU:HB2	19	1.43
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG2	17	1.43
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG3	17	1.43
(34,715)	1:23:A:LEU:HB2	1:27:A:ARG:HE	6	1.43
(34,715)	1:23:A:LEU:HB3	1:27:A:ARG:HE	6	1.43
(34,444)	1:143:A:TRP:H	1:144:A:LEU:HD21	10	1.43
(34,444)	1:143:A:TRP:H	1:144:A:LEU:HD22	10	1.43
(34,444)	1:143:A:TRP:H	1:144:A:LEU:HD23	10	1.43
(33,2040)	1:23:A:LEU:HD11	1:26:A:ASP:HA	4	1.43
(33,2040)	1:23:A:LEU:HD12	1:26:A:ASP:HA	4	1.43
(33,2040)	1:23:A:LEU:HD13	1:26:A:ASP:HA	4	1.43
(33,2040)	1:23:A:LEU:HD21	1:26:A:ASP:HA	4	1.43
(33,2040)	1:23:A:LEU:HD22	1:26:A:ASP:HA	4	1.43
(33,2040)	1:23:A:LEU:HD23	1:26:A:ASP:HA	4	1.43
(33,2018)	1:18:A:PHE:HB2	1:132:A:ALA:HA	12	1.43
(33,2018)	1:18:A:PHE:HB3	1:132:A:ALA:HA	12	1.43
(33,1817)	1:9:A:PHE:HZ	1:54:A:ARG:HE	11	1.43
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG21	13	1.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG22	13	1.43
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG23	13	1.43
(33,1692)	1:43:A:MET:HE1	1:137:A:SER:H	18	1.43
(33,1692)	1:43:A:MET:HE2	1:137:A:SER:H	18	1.43
(33,1692)	1:43:A:MET:HE3	1:137:A:SER:H	18	1.43
(33,1550)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	1.43
(33,1550)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	1.43
(33,1550)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	1.43
(33,1550)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	1.43
(33,1550)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	1.43
(33,1550)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	1.43
(33,718)	1:44:A:GLU:HB2	1:54:A:ARG:HE	15	1.43
(33,718)	1:44:A:GLU:HB3	1:54:A:ARG:HE	15	1.43
(33,573)	1:16:A:SER:H	1:131:A:LEU:HB3	4	1.43
(32,2007)	1:23:A:LEU:HD11	1:26:A:ASP:HA	4	1.43
(32,2007)	1:23:A:LEU:HD12	1:26:A:ASP:HA	4	1.43
(32,2007)	1:23:A:LEU:HD13	1:26:A:ASP:HA	4	1.43
(32,2007)	1:23:A:LEU:HD21	1:26:A:ASP:HA	4	1.43
(32,2007)	1:23:A:LEU:HD22	1:26:A:ASP:HA	4	1.43
(32,2007)	1:23:A:LEU:HD23	1:26:A:ASP:HA	4	1.43
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG21	13	1.43
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG22	13	1.43
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG23	13	1.43
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD21	17	1.43
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD22	17	1.43
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD23	17	1.43
(32,1236)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	4	1.43
(32,1236)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	4	1.43
(32,1236)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	4	1.43
(32,1236)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	4	1.43
(32,1236)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	4	1.43
(32,1236)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	4	1.43
(32,1135)	1:39:A:VAL:HA	1:140:A:LEU:HD21	13	1.43
(32,1135)	1:39:A:VAL:HA	1:140:A:LEU:HD22	13	1.43
(32,1135)	1:39:A:VAL:HA	1:140:A:LEU:HD23	13	1.43
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	7	1.43
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	7	1.43
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	7	1.43
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	7	1.43
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	7	1.43
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	7	1.43
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	7	1.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	7	1.43
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	7	1.43
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	7	1.43
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	7	1.43
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	7	1.43
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	7	1.43
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	7	1.43
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	7	1.43
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	7	1.43
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	7	1.43
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	7	1.43
(30,2044)	1:27:A:ARG:HB2	1:29:A:LYS:H	17	1.43
(30,2044)	1:27:A:ARG:HB3	1:29:A:LYS:H	17	1.43
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE1	14	1.43
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE2	14	1.43
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE3	14	1.43
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE1	14	1.43
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE2	14	1.43
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE3	14	1.43
(30,1820)	1:9:A:PHE:HZ	1:54:A:ARG:HE	11	1.43
(30,1657)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	11	1.43
(30,1657)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	11	1.43
(30,1657)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	11	1.43
(30,1087)	1:136:A:CYS:HB3	1:141:A:LYS:HA	9	1.43
(30,441)	1:143:A:TRP:H	1:144:A:LEU:HD21	10	1.43
(30,441)	1:143:A:TRP:H	1:144:A:LEU:HD22	10	1.43
(30,441)	1:143:A:TRP:H	1:144:A:LEU:HD23	10	1.43
(29,1729)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	17	1.43
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG11	11	1.43
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG12	11	1.43
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG13	11	1.43
(29,1572)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	1.43
(29,1572)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	1.43
(29,1572)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	1.43
(29,1572)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	1.43
(29,1572)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	1.43
(29,1572)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	1.43
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE1	15	1.43
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE2	15	1.43
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE3	15	1.43
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD11	6	1.43
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD12	6	1.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD13	6	1.43
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD21	6	1.43
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD22	6	1.43
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD23	6	1.43
(18,1975)	1:12:A:VAL:HG11	1:43:A:MET:HB2	10	1.43
(18,1975)	1:12:A:VAL:HG12	1:43:A:MET:HB2	10	1.43
(18,1975)	1:12:A:VAL:HG13	1:43:A:MET:HB2	10	1.43
(18,1975)	1:12:A:VAL:HG21	1:43:A:MET:HB2	10	1.43
(18,1975)	1:12:A:VAL:HG22	1:43:A:MET:HB2	10	1.43
(18,1975)	1:12:A:VAL:HG23	1:43:A:MET:HB2	10	1.43
(18,1697)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	17	1.43
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	5	1.43
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	5	1.43
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	5	1.43
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG2	17	1.43
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG3	17	1.43
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	12	1.43
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	12	1.43
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	12	1.43
(17,1581)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	1.43
(17,1581)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	1.43
(17,1581)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	1.43
(17,1581)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	1.43
(17,1581)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	1.43
(17,1581)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	1.43
(17,1184)	1:39:A:VAL:HA	1:140:A:LEU:HD21	13	1.43
(17,1184)	1:39:A:VAL:HA	1:140:A:LEU:HD22	13	1.43
(17,1184)	1:39:A:VAL:HA	1:140:A:LEU:HD23	13	1.43
(17,708)	1:23:A:LEU:HB2	1:27:A:ARG:HE	6	1.43
(17,708)	1:23:A:LEU:HB3	1:27:A:ARG:HE	6	1.43
(17,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	2	1.43
(17,262)	1:39:A:VAL:H	1:139:A:LEU:HB2	12	1.43
(17,262)	1:39:A:VAL:H	1:139:A:LEU:HB3	12	1.43
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG11	11	1.43
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG12	11	1.43
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG13	11	1.43
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD11	13	1.43
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD12	13	1.43
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD13	13	1.43
(16,1533)	1:69:A:MET:HE1	1:76:A:ARG:HB2	12	1.43
(16,1533)	1:69:A:MET:HE2	1:76:A:ARG:HB2	12	1.43
(16,1533)	1:69:A:MET:HE3	1:76:A:ARG:HB2	12	1.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,978)	1:11:A:ILE:HG12	1:43:A:MET:HB2	8	1.43
(16,727)	1:63:A:ILE:HG12	1:116:A:GLN:HE22	7	1.43
(16,350)	1:111:A:GLU:H	1:111:A:GLU:HG2	19	1.43
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG2	6	1.43
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG3	6	1.43
(15,1859)	1:14:A:VAL:HA	1:18:A:PHE:HD1	6	1.43
(15,1859)	1:14:A:VAL:HA	1:18:A:PHE:HD2	6	1.43
(15,1554)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	1.43
(15,1554)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	1.43
(15,1554)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	1.43
(15,1554)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	1.43
(15,1554)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	1.43
(15,1554)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	1.43
(15,1260)	1:12:A:VAL:HG11	1:40:A:LEU:HA	2	1.43
(15,1260)	1:12:A:VAL:HG12	1:40:A:LEU:HA	2	1.43
(15,1260)	1:12:A:VAL:HG13	1:40:A:LEU:HA	2	1.43
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	17	1.43
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	17	1.43
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	17	1.43
(15,1173)	1:39:A:VAL:HA	1:140:A:LEU:HD21	13	1.43
(15,1173)	1:39:A:VAL:HA	1:140:A:LEU:HD22	13	1.43
(15,1173)	1:39:A:VAL:HA	1:140:A:LEU:HD23	13	1.43
(15,994)	1:98:A:ILE:H	1:105:A:LYS:HD2	6	1.43
(15,994)	1:98:A:ILE:H	1:105:A:LYS:HD3	6	1.43
(15,817)	1:98:A:ILE:HD11	1:104:A:PHE:HB2	10	1.43
(15,817)	1:98:A:ILE:HD12	1:104:A:PHE:HB2	10	1.43
(15,817)	1:98:A:ILE:HD13	1:104:A:PHE:HB2	10	1.43
(15,708)	1:23:A:LEU:HB2	1:27:A:ARG:HE	6	1.43
(15,708)	1:23:A:LEU:HB3	1:27:A:ARG:HE	6	1.43
(13,2126)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	11	1.43
(13,2126)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	11	1.43
(13,2126)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	11	1.43
(13,2126)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	11	1.43
(13,2126)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	11	1.43
(13,2126)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	11	1.43
(13,2126)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	11	1.43
(13,2126)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	11	1.43
(13,2126)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	11	1.43
(13,2126)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	11	1.43
(13,2126)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	11	1.43
(13,2126)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	11	1.43
(13,2126)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	11	1.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2126)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	11	1.43
(13,2126)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	11	1.43
(13,2126)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	11	1.43
(13,2126)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	11	1.43
(13,2126)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	11	1.43
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD11	18	1.43
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD12	18	1.43
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD13	18	1.43
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD21	18	1.43
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD22	18	1.43
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD23	18	1.43
(13,1864)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	16	1.43
(13,1864)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	16	1.43
(13,1846)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	16	1.43
(13,1846)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	16	1.43
(13,1324)	1:141:A:LYS:HB2	1:149:A:ALA:HA	12	1.43
(13,1324)	1:141:A:LYS:HB3	1:149:A:ALA:HA	12	1.43
(13,997)	1:34:A:LYS:H	1:81:A:GLU:HB2	19	1.43
(13,804)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	17	1.43
(13,804)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	17	1.43
(13,804)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	17	1.43
(13,692)	1:23:A:LEU:HB2	1:27:A:ARG:HE	6	1.43
(13,692)	1:23:A:LEU:HB3	1:27:A:ARG:HE	6	1.43
(13,434)	1:143:A:TRP:H	1:144:A:LEU:HD21	10	1.43
(13,434)	1:143:A:TRP:H	1:144:A:LEU:HD22	10	1.43
(13,434)	1:143:A:TRP:H	1:144:A:LEU:HD23	10	1.43
(11,2418)	1:134:A:VAL:HG11	1:137:A:SER:H	13	1.43
(11,2418)	1:134:A:VAL:HG12	1:137:A:SER:H	13	1.43
(11,2418)	1:134:A:VAL:HG13	1:137:A:SER:H	13	1.43
(11,2418)	1:134:A:VAL:HG21	1:137:A:SER:H	13	1.43
(11,2418)	1:134:A:VAL:HG22	1:137:A:SER:H	13	1.43
(11,2418)	1:134:A:VAL:HG23	1:137:A:SER:H	13	1.43
(11,2055)	1:23:A:LEU:HD11	1:26:A:ASP:HA	4	1.43
(11,2055)	1:23:A:LEU:HD12	1:26:A:ASP:HA	4	1.43
(11,2055)	1:23:A:LEU:HD13	1:26:A:ASP:HA	4	1.43
(11,2055)	1:23:A:LEU:HD21	1:26:A:ASP:HA	4	1.43
(11,2055)	1:23:A:LEU:HD22	1:26:A:ASP:HA	4	1.43
(11,2055)	1:23:A:LEU:HD23	1:26:A:ASP:HA	4	1.43
(11,2015)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	1	1.43
(11,2015)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	1	1.43
(11,2015)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	1	1.43
(11,2015)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	1	1.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2015)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	1	1.43
(11,2015)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	1	1.43
(11,1942)	1:14:A:VAL:HB	1:18:A:PHE:HZ	10	1.43
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD11	13	1.43
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD12	13	1.43
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD13	13	1.43
(11,817)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	3	1.43
(11,817)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	3	1.43
(11,817)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	3	1.43
(11,707)	1:23:A:LEU:HB2	1:27:A:ARG:HE	6	1.43
(11,707)	1:23:A:LEU:HB3	1:27:A:ARG:HE	6	1.43
(11,440)	1:143:A:TRP:H	1:144:A:LEU:HD21	10	1.43
(11,440)	1:143:A:TRP:H	1:144:A:LEU:HD22	10	1.43
(11,440)	1:143:A:TRP:H	1:144:A:LEU:HD23	10	1.43
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	13	1.43
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	13	1.43
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	13	1.43
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	13	1.43
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	13	1.43
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	13	1.43
(9,1737)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	6	1.43
(9,1737)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	6	1.43
(9,1737)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	6	1.43
(9,962)	1:11:A:ILE:HG12	1:43:A:MET:HB2	8	1.43
(9,701)	1:23:A:LEU:HB2	1:27:A:ARG:HE	6	1.43
(9,701)	1:23:A:LEU:HB3	1:27:A:ARG:HE	6	1.43
(7,2121)	1:43:A:MET:HE1	1:46:A:ASN:HD21	4	1.43
(7,2121)	1:43:A:MET:HE1	1:46:A:ASN:HD22	4	1.43
(7,2121)	1:43:A:MET:HE2	1:46:A:ASN:HD21	4	1.43
(7,2121)	1:43:A:MET:HE2	1:46:A:ASN:HD22	4	1.43
(7,2121)	1:43:A:MET:HE3	1:46:A:ASN:HD21	4	1.43
(7,2121)	1:43:A:MET:HE3	1:46:A:ASN:HD22	4	1.43
(7,1675)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	17	1.43
(7,1537)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	1.43
(7,1537)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	1.43
(7,1537)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	1.43
(7,1537)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	1.43
(7,1537)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	1.43
(7,1537)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	1.43
(7,1247)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	4	1.43
(7,1247)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	4	1.43
(7,1247)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	4	1.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1247)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	4	1.43
(7,1247)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	4	1.43
(7,1247)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	4	1.43
(7,1241)	1:12:A:VAL:HG11	1:40:A:LEU:HA	2	1.43
(7,1241)	1:12:A:VAL:HG12	1:40:A:LEU:HA	2	1.43
(7,1241)	1:12:A:VAL:HG13	1:40:A:LEU:HA	2	1.43
(6,2149)	1:43:A:MET:HE1	1:46:A:ASN:HD21	4	1.43
(6,2149)	1:43:A:MET:HE1	1:46:A:ASN:HD22	4	1.43
(6,2149)	1:43:A:MET:HE2	1:46:A:ASN:HD21	4	1.43
(6,2149)	1:43:A:MET:HE2	1:46:A:ASN:HD22	4	1.43
(6,2149)	1:43:A:MET:HE3	1:46:A:ASN:HD21	4	1.43
(6,2149)	1:43:A:MET:HE3	1:46:A:ASN:HD22	4	1.43
(6,2143)	1:43:A:MET:HB2	1:140:A:LEU:HG	5	1.43
(6,2143)	1:43:A:MET:HB3	1:140:A:LEU:HG	5	1.43
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	8	1.43
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	8	1.43
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	8	1.43
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	8	1.43
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	8	1.43
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	8	1.43
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	8	1.43
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	8	1.43
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	8	1.43
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	8	1.43
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	8	1.43
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	8	1.43
(6,1698)	1:43:A:MET:HE1	1:137:A:SER:H	18	1.43
(6,1698)	1:43:A:MET:HE2	1:137:A:SER:H	18	1.43
(6,1698)	1:43:A:MET:HE3	1:137:A:SER:H	18	1.43
(6,1696)	1:43:A:MET:HE1	1:135:A:GLN:H	6	1.43
(6,1696)	1:43:A:MET:HE2	1:135:A:GLN:H	6	1.43
(6,1696)	1:43:A:MET:HE3	1:135:A:GLN:H	6	1.43
(6,1562)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	1.43
(6,1562)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	1.43
(6,1562)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	1.43
(6,1562)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	1.43
(6,1562)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	1.43
(6,1562)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	1.43
(6,434)	1:143:A:TRP:H	1:144:A:LEU:HD21	10	1.43
(6,434)	1:143:A:TRP:H	1:144:A:LEU:HD22	10	1.43
(6,434)	1:143:A:TRP:H	1:144:A:LEU:HD23	10	1.43
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	18	1.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	18	1.43
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	18	1.43
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	18	1.43
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	18	1.43
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	18	1.43
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	18	1.43
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	18	1.43
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	18	1.43
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	18	1.43
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	18	1.43
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	18	1.43
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG11	11	1.43
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG12	11	1.43
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG13	11	1.43
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG21	11	1.43
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG22	11	1.43
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG23	11	1.43
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG11	11	1.43
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG12	11	1.43
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG13	11	1.43
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG21	11	1.43
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG22	11	1.43
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG23	11	1.43
(5,1876)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	17	1.43
(5,1876)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	17	1.43
(5,1876)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	17	1.43
(5,1876)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	17	1.43
(5,1876)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	17	1.43
(5,1876)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	17	1.43
(5,1846)	1:9:A:PHE:HZ	1:54:A:ARG:HE	11	1.43
(5,1671)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	11	1.43
(5,1671)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	11	1.43
(5,1671)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	11	1.43
(5,1663)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	18	1.43
(5,1663)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	18	1.43
(5,1663)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	18	1.43
(5,1663)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	18	1.43
(5,1663)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	18	1.43
(5,1663)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	18	1.43
(5,911)	1:43:A:MET:H	1:44:A:GLU:HG2	9	1.43
(5,911)	1:43:A:MET:H	1:44:A:GLU:HG3	9	1.43
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	12	1.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	12	1.43
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	12	1.43
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD11	18	1.43
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD12	18	1.43
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD13	18	1.43
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD21	18	1.43
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD22	18	1.43
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD23	18	1.43
(4,1897)	1:14:A:VAL:HB	1:18:A:PHE:HZ	10	1.43
(4,1675)	1:43:A:MET:HE1	1:135:A:GLN:H	6	1.43
(4,1675)	1:43:A:MET:HE2	1:135:A:GLN:H	6	1.43
(4,1675)	1:43:A:MET:HE3	1:135:A:GLN:H	6	1.43
(4,1544)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	1.43
(4,1544)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	1.43
(4,1544)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	1.43
(4,1544)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	1.43
(4,1544)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	1.43
(4,1544)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	1.43
(4,1242)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	4	1.43
(4,1242)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	4	1.43
(4,1242)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	4	1.43
(4,1242)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	4	1.43
(4,1242)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	4	1.43
(4,1242)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	4	1.43
(4,697)	1:23:A:LEU:HB2	1:27:A:ARG:HE	6	1.43
(4,697)	1:23:A:LEU:HB3	1:27:A:ARG:HE	6	1.43
(4,429)	1:143:A:TRP:H	1:144:A:LEU:HD21	10	1.43
(4,429)	1:143:A:TRP:H	1:144:A:LEU:HD22	10	1.43
(4,429)	1:143:A:TRP:H	1:144:A:LEU:HD23	10	1.43
(4,373)	1:62:A:HIS:H	1:63:A:ILE:HG13	11	1.43
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD11	6	1.43
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD12	6	1.43
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD13	6	1.43
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD11	6	1.43
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD12	6	1.43
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD13	6	1.43
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG21	7	1.43
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG22	7	1.43
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG23	7	1.43
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG21	7	1.43
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG22	7	1.43
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG23	7	1.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1999)	1:12:A:VAL:HG11	1:43:A:MET:H	13	1.43
(3,1999)	1:12:A:VAL:HG12	1:43:A:MET:H	13	1.43
(3,1999)	1:12:A:VAL:HG13	1:43:A:MET:H	13	1.43
(3,1999)	1:12:A:VAL:HG21	1:43:A:MET:H	13	1.43
(3,1999)	1:12:A:VAL:HG22	1:43:A:MET:H	13	1.43
(3,1999)	1:12:A:VAL:HG23	1:43:A:MET:H	13	1.43
(3,1593)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	1.43
(3,1593)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	1.43
(3,1593)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	1.43
(3,1593)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	1.43
(3,1593)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	1.43
(3,1593)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	1.43
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	13	1.43
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	13	1.43
(3,728)	1:44:A:GLU:HB2	1:54:A:ARG:HE	15	1.43
(3,728)	1:44:A:GLU:HB3	1:54:A:ARG:HE	15	1.43
(3,441)	1:143:A:TRP:H	1:144:A:LEU:HD21	10	1.43
(3,441)	1:143:A:TRP:H	1:144:A:LEU:HD22	10	1.43
(3,441)	1:143:A:TRP:H	1:144:A:LEU:HD23	10	1.43
(2,2057)	1:23:A:LEU:HD11	1:26:A:ASP:HA	4	1.43
(2,2057)	1:23:A:LEU:HD12	1:26:A:ASP:HA	4	1.43
(2,2057)	1:23:A:LEU:HD13	1:26:A:ASP:HA	4	1.43
(2,2057)	1:23:A:LEU:HD21	1:26:A:ASP:HA	4	1.43
(2,2057)	1:23:A:LEU:HD22	1:26:A:ASP:HA	4	1.43
(2,2057)	1:23:A:LEU:HD23	1:26:A:ASP:HA	4	1.43
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	18	1.43
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	18	1.43
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	18	1.43
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	18	1.43
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	18	1.43
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	18	1.43
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD21	10	1.43
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD22	10	1.43
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD23	10	1.43
(2,1008)	1:34:A:LYS:H	1:81:A:GLU:HB2	19	1.43
(2,714)	1:44:A:GLU:HB2	1:54:A:ARG:HE	15	1.43
(2,714)	1:44:A:GLU:HB3	1:54:A:ARG:HE	15	1.43
(2,436)	1:143:A:TRP:H	1:144:A:LEU:HD21	10	1.43
(2,436)	1:143:A:TRP:H	1:144:A:LEU:HD22	10	1.43
(2,436)	1:143:A:TRP:H	1:144:A:LEU:HD23	10	1.43
(1,2027)	1:23:A:LEU:HD11	1:26:A:ASP:HA	13	1.43
(1,2027)	1:23:A:LEU:HD12	1:26:A:ASP:HA	13	1.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2027)	1:23:A:LEU:HD13	1:26:A:ASP:HA	13	1.43
(1,2027)	1:23:A:LEU:HD21	1:26:A:ASP:HA	13	1.43
(1,2027)	1:23:A:LEU:HD22	1:26:A:ASP:HA	13	1.43
(1,2027)	1:23:A:LEU:HD23	1:26:A:ASP:HA	13	1.43
(1,2027)	1:23:A:LEU:HD11	1:26:A:ASP:HA	19	1.43
(1,2027)	1:23:A:LEU:HD12	1:26:A:ASP:HA	19	1.43
(1,2027)	1:23:A:LEU:HD13	1:26:A:ASP:HA	19	1.43
(1,2027)	1:23:A:LEU:HD21	1:26:A:ASP:HA	19	1.43
(1,2027)	1:23:A:LEU:HD22	1:26:A:ASP:HA	19	1.43
(1,2027)	1:23:A:LEU:HD23	1:26:A:ASP:HA	19	1.43
(1,1722)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	17	1.43
(1,1572)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	1.43
(1,1572)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	1.43
(1,1572)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	1.43
(1,1572)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	1.43
(1,1572)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	1.43
(1,1572)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	1.43
(1,1271)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	4	1.43
(1,1271)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	4	1.43
(1,1271)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	4	1.43
(1,1271)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	4	1.43
(1,1271)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	4	1.43
(1,1271)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	4	1.43
(1,991)	1:11:A:ILE:HG12	1:14:A:VAL:HB	3	1.43
(34,939)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	3	1.42
(34,939)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	3	1.42
(34,939)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	3	1.42
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD11	17	1.42
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD12	17	1.42
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD13	17	1.42
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD21	17	1.42
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD22	17	1.42
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD23	17	1.42
(33,1451)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	3	1.42
(33,1451)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	3	1.42
(33,1451)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	3	1.42
(33,1451)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	3	1.42
(33,1451)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	3	1.42
(33,1451)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	3	1.42
(33,347)	1:66:A:THR:H	1:96:A:VAL:HB	10	1.42
(32,1811)	1:13:A:ALA:HA	1:80:A:TYR:HE1	17	1.42
(32,1811)	1:13:A:ALA:HA	1:80:A:TYR:HE2	17	1.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1658)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	19	1.42
(30,1658)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	19	1.42
(30,1658)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	19	1.42
(30,1658)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	19	1.42
(30,1658)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	19	1.42
(30,1658)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	19	1.42
(30,1658)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	19	1.42
(30,1658)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	19	1.42
(30,1658)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	19	1.42
(30,913)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	3	1.42
(30,913)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	3	1.42
(30,913)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	3	1.42
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	8	1.42
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	8	1.42
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	8	1.42
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	8	1.42
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	8	1.42
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	8	1.42
(30,687)	1:145:A:PRO:HB3	1:148:A:CYS:H	9	1.42
(29,1884)	1:9:A:PHE:HE1	1:58:A:ILE:HG12	10	1.42
(29,1884)	1:9:A:PHE:HE2	1:58:A:ILE:HG12	10	1.42
(29,1729)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	7	1.42
(29,1711)	1:53:A:THR:H	1:124:A:THR:HB	7	1.42
(29,773)	1:37:A:LEU:H	1:40:A:LEU:HB3	13	1.42
(19,20)	1:56:A:CYS:SG	1:52:A:CYS:CB	11	1.42
(19,14)	1:52:A:CYS:SG	1:123:A:CYS:CB	11	1.42
(19,6)	1:123:A:CYS:SG	1:52:A:CYS:CB	2	1.42
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	9	1.42
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	9	1.42
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	9	1.42
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	9	1.42
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	9	1.42
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	9	1.42
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	9	1.42
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	9	1.42
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	9	1.42
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	9	1.42
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	9	1.42
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	9	1.42
(18,1887)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	16	1.42
(18,1887)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	16	1.42
(18,1887)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	16	1.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1887)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	16	1.42
(18,1887)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	16	1.42
(18,1887)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	16	1.42
(18,1775)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	10	1.42
(18,1775)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	10	1.42
(18,1775)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	10	1.42
(18,1775)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	10	1.42
(18,1697)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	7	1.42
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	2	1.42
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	2	1.42
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	2	1.42
(18,1235)	1:79:A:THR:HG21	1:81:A:GLU:HA	6	1.42
(18,1235)	1:79:A:THR:HG22	1:81:A:GLU:HA	6	1.42
(18,1235)	1:79:A:THR:HG23	1:81:A:GLU:HA	6	1.42
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	17	1.42
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	17	1.42
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	17	1.42
(17,1915)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	10	1.42
(17,1915)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	10	1.42
(17,1915)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	10	1.42
(17,1915)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	10	1.42
(17,1913)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	16	1.42
(17,1913)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	16	1.42
(17,1913)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	16	1.42
(17,1913)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	16	1.42
(17,1913)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	16	1.42
(17,1913)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	16	1.42
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	3	1.42
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	3	1.42
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	3	1.42
(17,1163)	1:13:A:ALA:HB1	1:80:A:TYR:HA	17	1.42
(17,1163)	1:13:A:ALA:HB2	1:80:A:TYR:HA	17	1.42
(17,1163)	1:13:A:ALA:HB3	1:80:A:TYR:HA	17	1.42
(17,511)	1:70:A:LYS:HG3	1:71:A:LYS:H	5	1.42
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD21	2	1.42
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD22	2	1.42
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD21	2	1.42
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD22	2	1.42
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD21	2	1.42
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD22	2	1.42
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG11	10	1.42
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG12	10	1.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG13	10	1.42
(16,1136)	1:40:A:LEU:HA	1:43:A:MET:HG3	9	1.42
(16,978)	1:11:A:ILE:HG12	1:43:A:MET:HB2	3	1.42
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	8	1.42
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	8	1.42
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	8	1.42
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	8	1.42
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	8	1.42
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	8	1.42
(16,350)	1:111:A:GLU:H	1:111:A:GLU:HG2	10	1.42
(15,2498)	1:145:A:PRO:HD2	1:147:A:ARG:H	15	1.42
(15,2498)	1:145:A:PRO:HD3	1:147:A:ARG:H	15	1.42
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	12	1.42
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	12	1.42
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	12	1.42
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	12	1.42
(15,812)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	4	1.42
(15,812)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	4	1.42
(15,812)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	4	1.42
(15,812)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	13	1.42
(15,812)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	13	1.42
(15,812)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	13	1.42
(15,812)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	17	1.42
(15,812)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	17	1.42
(15,812)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	17	1.42
(13,1825)	1:9:A:PHE:HE1	1:14:A:VAL:HB	14	1.42
(13,1825)	1:9:A:PHE:HE2	1:14:A:VAL:HB	14	1.42
(13,571)	1:148:A:CYS:HA	1:150:A:THR:H	9	1.42
(13,571)	1:148:A:CYS:HA	1:150:A:THR:H	18	1.42
(13,343)	1:66:A:THR:H	1:96:A:VAL:HB	10	1.42
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD11	4	1.42
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD12	4	1.42
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD13	4	1.42
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD21	4	1.42
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD22	4	1.42
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD23	4	1.42
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD11	4	1.42
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD12	4	1.42
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD13	4	1.42
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD21	4	1.42
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD22	4	1.42
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD23	4	1.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	13	1.42
(11,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	13	1.42
(11,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	13	1.42
(11,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	13	1.42
(11,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	13	1.42
(11,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	13	1.42
(11,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	13	1.42
(11,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	13	1.42
(11,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	13	1.42
(11,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	13	1.42
(11,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	13	1.42
(11,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	13	1.42
(11,1687)	1:134:A:VAL:HG21	1:137:A:SER:H	9	1.42
(11,1687)	1:134:A:VAL:HG22	1:137:A:SER:H	9	1.42
(11,1687)	1:134:A:VAL:HG23	1:137:A:SER:H	9	1.42
(11,1422)	1:56:A:CYS:HA	1:120:A:CYS:HA	15	1.42
(11,1411)	1:19:A:ALA:HB1	1:21:A:THR:HG21	18	1.42
(11,1411)	1:19:A:ALA:HB1	1:21:A:THR:HG22	18	1.42
(11,1411)	1:19:A:ALA:HB1	1:21:A:THR:HG23	18	1.42
(11,1411)	1:19:A:ALA:HB2	1:21:A:THR:HG21	18	1.42
(11,1411)	1:19:A:ALA:HB2	1:21:A:THR:HG22	18	1.42
(11,1411)	1:19:A:ALA:HB2	1:21:A:THR:HG23	18	1.42
(11,1411)	1:19:A:ALA:HB3	1:21:A:THR:HG21	18	1.42
(11,1411)	1:19:A:ALA:HB3	1:21:A:THR:HG22	18	1.42
(11,1411)	1:19:A:ALA:HB3	1:21:A:THR:HG23	18	1.42
(11,1361)	1:105:A:LYS:HD2	1:106:A:ASP:HA	15	1.42
(11,1361)	1:105:A:LYS:HD3	1:106:A:ASP:HA	15	1.42
(11,577)	1:148:A:CYS:HA	1:150:A:THR:H	9	1.42
(11,577)	1:148:A:CYS:HA	1:150:A:THR:H	18	1.42
(9,962)	1:11:A:ILE:HG12	1:43:A:MET:HB2	3	1.42
(7,1685)	1:79:A:THR:HG21	1:81:A:GLU:HB3	12	1.42
(7,1685)	1:79:A:THR:HG22	1:81:A:GLU:HB3	12	1.42
(7,1685)	1:79:A:THR:HG23	1:81:A:GLU:HB3	12	1.42
(7,1675)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	7	1.42
(7,1133)	1:13:A:ALA:HB1	1:80:A:TYR:HA	17	1.42
(7,1133)	1:13:A:ALA:HB2	1:80:A:TYR:HA	17	1.42
(7,1133)	1:13:A:ALA:HB3	1:80:A:TYR:HA	17	1.42
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	8	1.42
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	8	1.42
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	8	1.42
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	8	1.42
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	8	1.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	8	1.42
(7,484)	1:145:A:PRO:HB3	1:148:A:CYS:H	16	1.42
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE1	7	1.42
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE2	7	1.42
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE1	7	1.42
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE2	7	1.42
(6,1848)	1:13:A:ALA:HA	1:80:A:TYR:HE1	17	1.42
(6,1848)	1:13:A:ALA:HA	1:80:A:TYR:HE2	17	1.42
(6,1387)	1:19:A:ALA:HB1	1:21:A:THR:HG21	18	1.42
(6,1387)	1:19:A:ALA:HB1	1:21:A:THR:HG22	18	1.42
(6,1387)	1:19:A:ALA:HB1	1:21:A:THR:HG23	18	1.42
(6,1387)	1:19:A:ALA:HB2	1:21:A:THR:HG21	18	1.42
(6,1387)	1:19:A:ALA:HB2	1:21:A:THR:HG22	18	1.42
(6,1387)	1:19:A:ALA:HB2	1:21:A:THR:HG23	18	1.42
(6,1387)	1:19:A:ALA:HB3	1:21:A:THR:HG21	18	1.42
(6,1387)	1:19:A:ALA:HB3	1:21:A:THR:HG22	18	1.42
(6,1387)	1:19:A:ALA:HB3	1:21:A:THR:HG23	18	1.42
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	10	1.42
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	10	1.42
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	10	1.42
(6,910)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	3	1.42
(6,910)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	3	1.42
(6,910)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	3	1.42
(5,2120)	1:40:A:LEU:HB2	1:44:A:GLU:HG3	16	1.42
(5,2120)	1:40:A:LEU:HB3	1:44:A:GLU:HG3	16	1.42
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	18	1.42
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	18	1.42
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	18	1.42
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	18	1.42
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	18	1.42
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	18	1.42
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	18	1.42
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	18	1.42
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	18	1.42
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	18	1.42
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	18	1.42
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	18	1.42
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG11	6	1.42
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG12	6	1.42
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG13	6	1.42
(5,1137)	1:40:A:LEU:HA	1:44:A:GLU:HG3	5	1.42
(5,887)	1:11:A:ILE:HB	1:44:A:GLU:HG3	2	1.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	17	1.42
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	17	1.42
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	17	1.42
(4,1246)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	12	1.42
(4,1246)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	12	1.42
(4,1246)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	12	1.42
(4,913)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	3	1.42
(4,913)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	3	1.42
(4,913)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	3	1.42
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB1	5	1.42
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB2	5	1.42
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB3	5	1.42
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG21	14	1.42
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG22	14	1.42
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG23	14	1.42
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG21	14	1.42
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG22	14	1.42
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG23	14	1.42
(3,1873)	1:13:A:ALA:HA	1:80:A:TYR:HE1	17	1.42
(3,1873)	1:13:A:ALA:HA	1:80:A:TYR:HE2	17	1.42
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD21	14	1.42
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD22	14	1.42
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD23	14	1.42
(3,811)	1:11:A:ILE:HD11	1:43:A:MET:HG2	4	1.42
(3,811)	1:11:A:ILE:HD12	1:43:A:MET:HG2	4	1.42
(3,811)	1:11:A:ILE:HD13	1:43:A:MET:HG2	4	1.42
(3,692)	1:145:A:PRO:HB3	1:148:A:CYS:H	9	1.42
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD11	16	1.42
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD12	16	1.42
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD13	16	1.42
(2,1395)	1:19:A:ALA:HB1	1:21:A:THR:HG21	18	1.42
(2,1395)	1:19:A:ALA:HB1	1:21:A:THR:HG22	18	1.42
(2,1395)	1:19:A:ALA:HB1	1:21:A:THR:HG23	18	1.42
(2,1395)	1:19:A:ALA:HB2	1:21:A:THR:HG21	18	1.42
(2,1395)	1:19:A:ALA:HB2	1:21:A:THR:HG22	18	1.42
(2,1395)	1:19:A:ALA:HB2	1:21:A:THR:HG23	18	1.42
(2,1395)	1:19:A:ALA:HB3	1:21:A:THR:HG21	18	1.42
(2,1395)	1:19:A:ALA:HB3	1:21:A:THR:HG22	18	1.42
(2,1395)	1:19:A:ALA:HB3	1:21:A:THR:HG23	18	1.42
(2,1136)	1:10:A:ASN:HD22	1:80:A:TYR:HA	13	1.42
(2,1116)	1:40:A:LEU:HA	1:43:A:MET:HG3	9	1.42
(2,956)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	16	1.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,956)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	16	1.42
(2,709)	1:48:A:ARG:HE	1:49:A:LYS:HA	4	1.42
(1,2056)	1:31:A:PRO:HD2	1:143:A:TRP:HA	9	1.42
(1,2056)	1:31:A:PRO:HD3	1:143:A:TRP:HA	9	1.42
(1,1881)	1:9:A:PHE:HE1	1:14:A:VAL:HB	4	1.42
(1,1881)	1:9:A:PHE:HE2	1:14:A:VAL:HB	4	1.42
(1,1722)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	7	1.42
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	14	1.42
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	14	1.42
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	14	1.42
(1,1385)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	10	1.42
(1,1385)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	10	1.42
(1,1385)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	10	1.42
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	15	1.42
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	15	1.42
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	15	1.42
(1,1161)	1:13:A:ALA:HB1	1:80:A:TYR:HA	17	1.42
(1,1161)	1:13:A:ALA:HB2	1:80:A:TYR:HA	17	1.42
(1,1161)	1:13:A:ALA:HB3	1:80:A:TYR:HA	17	1.42
(1,1136)	1:40:A:LEU:HA	1:43:A:MET:HG3	9	1.42
(34,2053)	1:27:A:ARG:HA	1:30:A:LEU:HD11	10	1.41
(34,2053)	1:27:A:ARG:HA	1:30:A:LEU:HD12	10	1.41
(34,2053)	1:27:A:ARG:HA	1:30:A:LEU:HD13	10	1.41
(34,2053)	1:27:A:ARG:HA	1:30:A:LEU:HD21	10	1.41
(34,2053)	1:27:A:ARG:HA	1:30:A:LEU:HD22	10	1.41
(34,2053)	1:27:A:ARG:HA	1:30:A:LEU:HD23	10	1.41
(34,390)	1:62:A:HIS:H	1:63:A:ILE:HG13	17	1.41
(33,2500)	1:144:A:LEU:HD11	1:148:A:CYS:H	3	1.41
(33,2500)	1:144:A:LEU:HD12	1:148:A:CYS:H	3	1.41
(33,2500)	1:144:A:LEU:HD13	1:148:A:CYS:H	3	1.41
(33,2500)	1:144:A:LEU:HD21	1:148:A:CYS:H	3	1.41
(33,2500)	1:144:A:LEU:HD22	1:148:A:CYS:H	3	1.41
(33,2500)	1:144:A:LEU:HD23	1:148:A:CYS:H	3	1.41
(33,2086)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	3	1.41
(33,2086)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	3	1.41
(33,2086)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	3	1.41
(33,2086)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	3	1.41
(33,2086)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	3	1.41
(33,2086)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	3	1.41
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD11	13	1.41
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD12	13	1.41
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD13	13	1.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD21	13	1.41
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD22	13	1.41
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD23	13	1.41
(33,1888)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	17	1.41
(33,1388)	1:19:A:ALA:HB1	1:132:A:ALA:HA	12	1.41
(33,1388)	1:19:A:ALA:HB2	1:132:A:ALA:HA	12	1.41
(33,1388)	1:19:A:ALA:HB3	1:132:A:ALA:HA	12	1.41
(33,1388)	1:19:A:ALA:HB1	1:132:A:ALA:HA	15	1.41
(33,1388)	1:19:A:ALA:HB2	1:132:A:ALA:HA	15	1.41
(33,1388)	1:19:A:ALA:HB3	1:132:A:ALA:HA	15	1.41
(33,864)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	6	1.41
(33,864)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	6	1.41
(33,830)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	5	1.41
(33,830)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	5	1.41
(33,830)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	5	1.41
(33,830)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	5	1.41
(33,830)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	5	1.41
(33,830)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	5	1.41
(33,742)	1:105:A:LYS:HG3	1:112:A:GLN:HE22	12	1.41
(33,384)	1:62:A:HIS:H	1:63:A:ILE:HG13	17	1.41
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD11	13	1.41
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD12	13	1.41
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD13	13	1.41
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD21	13	1.41
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD22	13	1.41
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD23	13	1.41
(32,1724)	1:141:A:LYS:HA	1:149:A:ALA:H	17	1.41
(32,598)	1:55:A:GLY:H	1:58:A:ILE:HG13	10	1.41
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD11	3	1.41
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD12	3	1.41
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD13	3	1.41
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD21	3	1.41
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD22	3	1.41
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD23	3	1.41
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE1	11	1.41
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE2	11	1.41
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE1	11	1.41
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE2	11	1.41
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE1	18	1.41
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE2	18	1.41
(30,613)	1:55:A:GLY:H	1:58:A:ILE:HG13	10	1.41
(30,385)	1:62:A:HIS:H	1:63:A:ILE:HG13	17	1.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2445)	1:144:A:LEU:HD11	1:148:A:CYS:H	3	1.41
(29,2445)	1:144:A:LEU:HD12	1:148:A:CYS:H	3	1.41
(29,2445)	1:144:A:LEU:HD13	1:148:A:CYS:H	3	1.41
(29,2445)	1:144:A:LEU:HD21	1:148:A:CYS:H	3	1.41
(29,2445)	1:144:A:LEU:HD22	1:148:A:CYS:H	3	1.41
(29,2445)	1:144:A:LEU:HD23	1:148:A:CYS:H	3	1.41
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD11	3	1.41
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD12	3	1.41
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD13	3	1.41
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD21	3	1.41
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD22	3	1.41
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD23	3	1.41
(29,1711)	1:53:A:THR:H	1:124:A:THR:HB	13	1.41
(29,1382)	1:47:A:ALA:H	1:134:A:VAL:HG11	6	1.41
(29,1382)	1:47:A:ALA:H	1:134:A:VAL:HG12	6	1.41
(29,1382)	1:47:A:ALA:H	1:134:A:VAL:HG13	6	1.41
(29,847)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	2	1.41
(29,847)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	2	1.41
(29,847)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	2	1.41
(29,847)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	2	1.41
(29,847)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	2	1.41
(29,847)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	2	1.41
(19,9)	1:127:A:CYS:SG	1:123:A:CYS:CB	14	1.41
(18,1744)	1:141:A:LYS:HA	1:149:A:ALA:H	17	1.41
(18,1461)	1:67:A:PRO:HD3	1:95:A:ILE:HA	17	1.41
(18,1376)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	10	1.41
(18,1376)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	10	1.41
(18,1376)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	10	1.41
(18,1373)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	9	1.41
(18,1373)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	9	1.41
(18,1373)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	9	1.41
(18,1373)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	9	1.41
(18,1373)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	9	1.41
(18,1373)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	9	1.41
(18,393)	1:62:A:HIS:H	1:63:A:ILE:HG13	17	1.41
(17,1488)	1:67:A:PRO:HD3	1:95:A:ILE:HA	17	1.41
(17,1129)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	4	1.41
(17,1129)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	4	1.41
(16,2092)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	3	1.41
(16,2092)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	3	1.41
(16,2092)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	3	1.41
(16,2092)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	3	1.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2092)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	3	1.41
(16,2092)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	3	1.41
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD11	13	1.41
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD12	13	1.41
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD13	13	1.41
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD21	13	1.41
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD22	13	1.41
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD23	13	1.41
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD11	1	1.41
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD12	1	1.41
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD13	1	1.41
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD21	1	1.41
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD22	1	1.41
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD23	1	1.41
(16,1637)	1:132:A:ALA:HB1	1:134:A:VAL:HG21	6	1.41
(16,1637)	1:132:A:ALA:HB1	1:134:A:VAL:HG22	6	1.41
(16,1637)	1:132:A:ALA:HB1	1:134:A:VAL:HG23	6	1.41
(16,1637)	1:132:A:ALA:HB2	1:134:A:VAL:HG21	6	1.41
(16,1637)	1:132:A:ALA:HB2	1:134:A:VAL:HG22	6	1.41
(16,1637)	1:132:A:ALA:HB2	1:134:A:VAL:HG23	6	1.41
(16,1637)	1:132:A:ALA:HB3	1:134:A:VAL:HG21	6	1.41
(16,1637)	1:132:A:ALA:HB3	1:134:A:VAL:HG22	6	1.41
(16,1637)	1:132:A:ALA:HB3	1:134:A:VAL:HG23	6	1.41
(16,869)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	6	1.41
(16,869)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	6	1.41
(16,834)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	5	1.41
(16,834)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	5	1.41
(16,834)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	5	1.41
(16,834)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	5	1.41
(16,834)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	5	1.41
(16,834)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	5	1.41
(16,520)	1:70:A:LYS:HG3	1:71:A:LYS:H	19	1.41
(16,350)	1:111:A:GLU:H	1:111:A:GLU:HG2	4	1.41
(15,2498)	1:145:A:PRO:HD2	1:147:A:ARG:H	7	1.41
(15,2498)	1:145:A:PRO:HD3	1:147:A:ARG:H	7	1.41
(15,2498)	1:145:A:PRO:HD2	1:147:A:ARG:H	9	1.41
(15,2498)	1:145:A:PRO:HD3	1:147:A:ARG:H	9	1.41
(15,1871)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	17	1.41
(15,1750)	1:141:A:LYS:HA	1:149:A:ALA:H	17	1.41
(15,842)	1:45:A:ALA:H	1:48:A:ARG:HD2	5	1.41
(15,842)	1:45:A:ALA:H	1:48:A:ARG:HD3	5	1.41
(15,830)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	5	1.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,830)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	5	1.41
(15,830)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	5	1.41
(15,830)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	5	1.41
(15,830)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	5	1.41
(15,830)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	5	1.41
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	18	1.41
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	18	1.41
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	18	1.41
(15,386)	1:62:A:HIS:H	1:63:A:ILE:HG13	17	1.41
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD11	6	1.41
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD12	6	1.41
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD13	6	1.41
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD21	6	1.41
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD22	6	1.41
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD23	6	1.41
(13,1728)	1:141:A:LYS:HA	1:149:A:ALA:H	17	1.41
(13,608)	1:55:A:GLY:H	1:58:A:ILE:HG13	10	1.41
(13,379)	1:62:A:HIS:H	1:63:A:ILE:HG13	17	1.41
(11,2096)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	3	1.41
(11,2096)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	3	1.41
(11,2096)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	3	1.41
(11,2096)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	3	1.41
(11,2096)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	3	1.41
(11,2096)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	3	1.41
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	15	1.41
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	15	1.41
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	15	1.41
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	15	1.41
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	15	1.41
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	15	1.41
(11,1411)	1:19:A:ALA:HB1	1:21:A:THR:HG21	11	1.41
(11,1411)	1:19:A:ALA:HB1	1:21:A:THR:HG22	11	1.41
(11,1411)	1:19:A:ALA:HB1	1:21:A:THR:HG23	11	1.41
(11,1411)	1:19:A:ALA:HB2	1:21:A:THR:HG21	11	1.41
(11,1411)	1:19:A:ALA:HB2	1:21:A:THR:HG22	11	1.41
(11,1411)	1:19:A:ALA:HB2	1:21:A:THR:HG23	11	1.41
(11,1411)	1:19:A:ALA:HB3	1:21:A:THR:HG21	11	1.41
(11,1411)	1:19:A:ALA:HB3	1:21:A:THR:HG22	11	1.41
(11,1411)	1:19:A:ALA:HB3	1:21:A:THR:HG23	11	1.41
(11,847)	1:60:A:LEU:HB3	1:63:A:ILE:HG13	17	1.41
(11,839)	1:45:A:ALA:H	1:48:A:ARG:HD2	5	1.41
(11,839)	1:45:A:ALA:H	1:48:A:ARG:HD3	5	1.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,823)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	5	1.41
(11,823)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	5	1.41
(11,823)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	5	1.41
(11,823)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	5	1.41
(11,823)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	5	1.41
(11,823)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	5	1.41
(11,388)	1:62:A:HIS:H	1:63:A:ILE:HG13	17	1.41
(9,2433)	1:144:A:LEU:HD11	1:148:A:CYS:H	3	1.41
(9,2433)	1:144:A:LEU:HD12	1:148:A:CYS:H	3	1.41
(9,2433)	1:144:A:LEU:HD13	1:148:A:CYS:H	3	1.41
(9,2433)	1:144:A:LEU:HD21	1:148:A:CYS:H	3	1.41
(9,2433)	1:144:A:LEU:HD22	1:148:A:CYS:H	3	1.41
(9,2433)	1:144:A:LEU:HD23	1:148:A:CYS:H	3	1.41
(9,2025)	1:27:A:ARG:HA	1:30:A:LEU:HD11	10	1.41
(9,2025)	1:27:A:ARG:HA	1:30:A:LEU:HD12	10	1.41
(9,2025)	1:27:A:ARG:HA	1:30:A:LEU:HD13	10	1.41
(9,2025)	1:27:A:ARG:HA	1:30:A:LEU:HD21	10	1.41
(9,2025)	1:27:A:ARG:HA	1:30:A:LEU:HD22	10	1.41
(9,2025)	1:27:A:ARG:HA	1:30:A:LEU:HD23	10	1.41
(9,857)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	6	1.41
(9,857)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	6	1.41
(9,822)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	5	1.41
(9,822)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	5	1.41
(9,822)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	5	1.41
(9,822)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	5	1.41
(9,822)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	5	1.41
(9,822)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	5	1.41
(9,392)	1:62:A:HIS:H	1:63:A:ILE:HG13	17	1.41
(7,2424)	1:134:A:VAL:HG11	1:137:A:SER:HB2	7	1.41
(7,2424)	1:134:A:VAL:HG11	1:137:A:SER:HB3	7	1.41
(7,2424)	1:134:A:VAL:HG12	1:137:A:SER:HB2	7	1.41
(7,2424)	1:134:A:VAL:HG12	1:137:A:SER:HB3	7	1.41
(7,2424)	1:134:A:VAL:HG13	1:137:A:SER:HB2	7	1.41
(7,2424)	1:134:A:VAL:HG13	1:137:A:SER:HB3	7	1.41
(7,2424)	1:134:A:VAL:HG21	1:137:A:SER:HB2	7	1.41
(7,2424)	1:134:A:VAL:HG21	1:137:A:SER:HB3	7	1.41
(7,2424)	1:134:A:VAL:HG22	1:137:A:SER:HB2	7	1.41
(7,2424)	1:134:A:VAL:HG22	1:137:A:SER:HB3	7	1.41
(7,2424)	1:134:A:VAL:HG23	1:137:A:SER:HB2	7	1.41
(7,2424)	1:134:A:VAL:HG23	1:137:A:SER:HB3	7	1.41
(7,1860)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	17	1.41
(7,1690)	1:21:A:THR:HG21	1:147:A:ARG:HE	8	1.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1690)	1:21:A:THR:HG22	1:147:A:ARG:HE	8	1.41
(7,1690)	1:21:A:THR:HG23	1:147:A:ARG:HE	8	1.41
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	8	1.41
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	8	1.41
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	8	1.41
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	17	1.41
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	17	1.41
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	17	1.41
(7,815)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	5	1.41
(7,815)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	5	1.41
(7,815)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	5	1.41
(7,815)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	5	1.41
(7,815)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	5	1.41
(7,815)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	5	1.41
(7,682)	1:145:A:PRO:HB2	1:148:A:CYS:H	9	1.41
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE1	17	1.41
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE2	17	1.41
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE1	17	1.41
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE2	17	1.41
(6,1387)	1:19:A:ALA:HB1	1:21:A:THR:HG21	11	1.41
(6,1387)	1:19:A:ALA:HB1	1:21:A:THR:HG22	11	1.41
(6,1387)	1:19:A:ALA:HB1	1:21:A:THR:HG23	11	1.41
(6,1387)	1:19:A:ALA:HB2	1:21:A:THR:HG21	11	1.41
(6,1387)	1:19:A:ALA:HB2	1:21:A:THR:HG22	11	1.41
(6,1387)	1:19:A:ALA:HB2	1:21:A:THR:HG23	11	1.41
(6,1387)	1:19:A:ALA:HB3	1:21:A:THR:HG21	11	1.41
(6,1387)	1:19:A:ALA:HB3	1:21:A:THR:HG22	11	1.41
(6,1387)	1:19:A:ALA:HB3	1:21:A:THR:HG23	11	1.41
(6,840)	1:60:A:LEU:HB3	1:63:A:ILE:HG13	17	1.41
(6,381)	1:62:A:HIS:H	1:63:A:ILE:HG13	17	1.41
(5,2474)	1:144:A:LEU:HD11	1:148:A:CYS:H	3	1.41
(5,2474)	1:144:A:LEU:HD12	1:148:A:CYS:H	3	1.41
(5,2474)	1:144:A:LEU:HD13	1:148:A:CYS:H	3	1.41
(5,2474)	1:144:A:LEU:HD21	1:148:A:CYS:H	3	1.41
(5,2474)	1:144:A:LEU:HD22	1:148:A:CYS:H	3	1.41
(5,2474)	1:144:A:LEU:HD23	1:148:A:CYS:H	3	1.41
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG11	2	1.41
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG12	2	1.41
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG13	2	1.41
(5,1023)	1:27:A:ARG:HB3	1:29:A:LYS:HG2	11	1.41
(5,1023)	1:27:A:ARG:HB3	1:29:A:LYS:HG3	11	1.41
(5,914)	1:43:A:MET:HA	1:44:A:GLU:HG2	17	1.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,839)	1:45:A:ALA:H	1:48:A:ARG:HD2	5	1.41
(5,839)	1:45:A:ALA:H	1:48:A:ARG:HD3	5	1.41
(5,376)	1:62:A:HIS:H	1:63:A:ILE:HG13	17	1.41
(4,2413)	1:129:A:LYS:HG2	1:130:A:GLY:HA2	8	1.41
(4,2413)	1:129:A:LYS:HG3	1:130:A:GLY:HA2	8	1.41
(4,1743)	1:141:A:LYS:HA	1:149:A:ALA:H	17	1.41
(4,1483)	1:43:A:MET:HE1	1:46:A:ASN:HD22	5	1.41
(4,1483)	1:43:A:MET:HE2	1:46:A:ASN:HD22	5	1.41
(4,1483)	1:43:A:MET:HE3	1:46:A:ASN:HD22	5	1.41
(4,859)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	6	1.41
(4,859)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	6	1.41
(3,1999)	1:12:A:VAL:HG11	1:43:A:MET:H	10	1.41
(3,1999)	1:12:A:VAL:HG12	1:43:A:MET:H	10	1.41
(3,1999)	1:12:A:VAL:HG13	1:43:A:MET:H	10	1.41
(3,1999)	1:12:A:VAL:HG21	1:43:A:MET:H	10	1.41
(3,1999)	1:12:A:VAL:HG22	1:43:A:MET:H	10	1.41
(3,1999)	1:12:A:VAL:HG23	1:43:A:MET:H	10	1.41
(3,1689)	1:69:A:MET:HE1	1:116:A:GLN:HG3	7	1.41
(3,1689)	1:69:A:MET:HE2	1:116:A:GLN:HG3	7	1.41
(3,1689)	1:69:A:MET:HE3	1:116:A:GLN:HG3	7	1.41
(3,1372)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	13	1.41
(3,1372)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	13	1.41
(3,1372)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	13	1.41
(3,1372)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	13	1.41
(3,1372)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	13	1.41
(3,1372)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	13	1.41
(3,662)	1:100:A:ALA:H	1:119:A:LEU:HG	11	1.41
(3,278)	1:113:A:PHE:H	1:116:A:GLN:HG3	4	1.41
(3,278)	1:113:A:PHE:H	1:116:A:GLN:HG3	11	1.41
(2,1915)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	17	1.41
(2,1781)	1:141:A:LYS:HA	1:149:A:ALA:H	17	1.41
(2,1418)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	19	1.41
(2,1418)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	19	1.41
(2,1418)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	19	1.41
(2,1395)	1:19:A:ALA:HB1	1:21:A:THR:HG21	11	1.41
(2,1395)	1:19:A:ALA:HB1	1:21:A:THR:HG22	11	1.41
(2,1395)	1:19:A:ALA:HB1	1:21:A:THR:HG23	11	1.41
(2,1395)	1:19:A:ALA:HB2	1:21:A:THR:HG21	11	1.41
(2,1395)	1:19:A:ALA:HB2	1:21:A:THR:HG22	11	1.41
(2,1395)	1:19:A:ALA:HB2	1:21:A:THR:HG23	11	1.41
(2,1395)	1:19:A:ALA:HB3	1:21:A:THR:HG21	11	1.41
(2,1395)	1:19:A:ALA:HB3	1:21:A:THR:HG22	11	1.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1395)	1:19:A:ALA:HB3	1:21:A:THR:HG23	11	1.41
(2,1110)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	4	1.41
(2,1110)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	4	1.41
(2,380)	1:62:A:HIS:H	1:63:A:ILE:HG13	17	1.41
(1,2403)	1:134:A:VAL:HG11	1:137:A:SER:HB2	7	1.41
(1,2403)	1:134:A:VAL:HG11	1:137:A:SER:HB3	7	1.41
(1,2403)	1:134:A:VAL:HG12	1:137:A:SER:HB2	7	1.41
(1,2403)	1:134:A:VAL:HG12	1:137:A:SER:HB3	7	1.41
(1,2403)	1:134:A:VAL:HG13	1:137:A:SER:HB2	7	1.41
(1,2403)	1:134:A:VAL:HG13	1:137:A:SER:HB3	7	1.41
(1,2403)	1:134:A:VAL:HG21	1:137:A:SER:HB2	7	1.41
(1,2403)	1:134:A:VAL:HG21	1:137:A:SER:HB3	7	1.41
(1,2403)	1:134:A:VAL:HG22	1:137:A:SER:HB2	7	1.41
(1,2403)	1:134:A:VAL:HG22	1:137:A:SER:HB3	7	1.41
(1,2403)	1:134:A:VAL:HG23	1:137:A:SER:HB2	7	1.41
(1,2403)	1:134:A:VAL:HG23	1:137:A:SER:HB3	7	1.41
(1,2035)	1:27:A:ARG:HA	1:30:A:LEU:HD11	10	1.41
(1,2035)	1:27:A:ARG:HA	1:30:A:LEU:HD12	10	1.41
(1,2035)	1:27:A:ARG:HA	1:30:A:LEU:HD13	10	1.41
(1,2035)	1:27:A:ARG:HA	1:30:A:LEU:HD21	10	1.41
(1,2035)	1:27:A:ARG:HA	1:30:A:LEU:HD22	10	1.41
(1,2035)	1:27:A:ARG:HA	1:30:A:LEU:HD23	10	1.41
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE1	5	1.41
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE2	5	1.41
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG21	15	1.41
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG22	15	1.41
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG23	15	1.41
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG21	15	1.41
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG22	15	1.41
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG23	15	1.41
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG21	15	1.41
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG22	15	1.41
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG23	15	1.41
(1,1211)	1:41:A:LYS:HG3	1:44:A:GLU:HG3	15	1.41
(1,1055)	1:11:A:ILE:HA	1:14:A:VAL:HB	4	1.41
(1,936)	1:43:A:MET:HA	1:44:A:GLU:HG2	17	1.41
(1,849)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	2	1.41
(1,849)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	2	1.41
(1,849)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	2	1.41
(1,849)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	2	1.41
(1,849)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	2	1.41
(1,849)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	2	1.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2135)	1:40:A:LEU:HD11	1:41:A:LYS:HA	11	1.4
(34,2135)	1:40:A:LEU:HD12	1:41:A:LYS:HA	11	1.4
(34,2135)	1:40:A:LEU:HD13	1:41:A:LYS:HA	11	1.4
(34,2135)	1:40:A:LEU:HD21	1:41:A:LYS:HA	11	1.4
(34,2135)	1:40:A:LEU:HD22	1:41:A:LYS:HA	11	1.4
(34,2135)	1:40:A:LEU:HD23	1:41:A:LYS:HA	11	1.4
(34,804)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	12	1.4
(34,804)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	12	1.4
(34,804)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	12	1.4
(34,804)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	12	1.4
(34,804)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	12	1.4
(34,804)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	12	1.4
(34,802)	1:11:A:ILE:HD11	1:14:A:VAL:HB	14	1.4
(34,802)	1:11:A:ILE:HD12	1:14:A:VAL:HB	14	1.4
(34,802)	1:11:A:ILE:HD13	1:14:A:VAL:HB	14	1.4
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG21	10	1.4
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG22	10	1.4
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG23	10	1.4
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG21	10	1.4
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG22	10	1.4
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG23	10	1.4
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG21	10	1.4
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG22	10	1.4
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG23	10	1.4
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG2	12	1.4
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	12	1.4
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG2	12	1.4
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	12	1.4
(32,1869)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	11	1.4
(32,1869)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	11	1.4
(32,1869)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	11	1.4
(32,1869)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	11	1.4
(32,1707)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	4	1.4
(32,1707)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	4	1.4
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG21	10	1.4
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG22	10	1.4
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG23	10	1.4
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG21	10	1.4
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG22	10	1.4
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG23	10	1.4
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG21	10	1.4
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG22	10	1.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG23	10	1.4
(32,1378)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	12	1.4
(32,1378)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	12	1.4
(32,1378)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	12	1.4
(32,1378)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	13	1.4
(32,1378)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	13	1.4
(32,1378)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	13	1.4
(30,1953)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	7	1.4
(30,1953)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	7	1.4
(30,1953)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	7	1.4
(30,1953)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	7	1.4
(30,1948)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	5	1.4
(30,1948)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	5	1.4
(30,1948)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	5	1.4
(30,1948)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	5	1.4
(30,1948)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	5	1.4
(30,1948)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	5	1.4
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE1	10	1.4
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE2	10	1.4
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE1	10	1.4
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE2	10	1.4
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE1	10	1.4
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE2	10	1.4
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	13	1.4
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	13	1.4
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	13	1.4
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	13	1.4
(30,1166)	1:140:A:LEU:HD21	1:144:A:LEU:H	14	1.4
(30,1166)	1:140:A:LEU:HD22	1:144:A:LEU:H	14	1.4
(30,1166)	1:140:A:LEU:HD23	1:144:A:LEU:H	14	1.4
(30,1048)	1:110:A:MET:HG2	1:114:A:ILE:HG13	19	1.4
(30,1048)	1:110:A:MET:HG3	1:114:A:ILE:HG13	19	1.4
(30,985)	1:12:A:VAL:HB	1:43:A:MET:HE1	15	1.4
(30,985)	1:12:A:VAL:HB	1:43:A:MET:HE2	15	1.4
(30,985)	1:12:A:VAL:HB	1:43:A:MET:HE3	15	1.4
(30,856)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	14	1.4
(30,856)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	14	1.4
(30,686)	1:39:A:VAL:HB	1:144:A:LEU:H	8	1.4
(29,2138)	1:40:A:LEU:HD11	1:41:A:LYS:HA	15	1.4
(29,2138)	1:40:A:LEU:HD12	1:41:A:LYS:HA	15	1.4
(29,2138)	1:40:A:LEU:HD13	1:41:A:LYS:HA	15	1.4
(29,2138)	1:40:A:LEU:HD21	1:41:A:LYS:HA	15	1.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2138)	1:40:A:LEU:HD22	1:41:A:LYS:HA	15	1.4
(29,2138)	1:40:A:LEU:HD23	1:41:A:LYS:HA	15	1.4
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	15	1.4
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	15	1.4
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	15	1.4
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	15	1.4
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	15	1.4
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	15	1.4
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	15	1.4
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	15	1.4
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	15	1.4
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	15	1.4
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	15	1.4
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	15	1.4
(29,1884)	1:9:A:PHE:HE1	1:58:A:ILE:HG12	1	1.4
(29,1884)	1:9:A:PHE:HE2	1:58:A:ILE:HG12	1	1.4
(29,1074)	1:110:A:MET:HG2	1:114:A:ILE:HG13	19	1.4
(29,1074)	1:110:A:MET:HG3	1:114:A:ILE:HG13	19	1.4
(29,1035)	1:113:A:PHE:HA	1:116:A:GLN:HG3	16	1.4
(29,634)	1:57:A:LEU:H	1:58:A:ILE:HG13	12	1.4
(29,587)	1:129:A:LYS:HG2	1:130:A:GLY:H	8	1.4
(19,16)	1:52:A:CYS:SG	1:56:A:CYS:CB	1	1.4
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD1	4	1.4
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD2	4	1.4
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	2	1.4
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	2	1.4
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	2	1.4
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	2	1.4
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	14	1.4
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	14	1.4
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	14	1.4
(17,1964)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	5	1.4
(17,1964)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	5	1.4
(17,1964)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	5	1.4
(17,1964)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	5	1.4
(17,1964)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	5	1.4
(17,1964)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	5	1.4
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	8	1.4
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	8	1.4
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	8	1.4
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD21	15	1.4
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD22	15	1.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD21	15	1.4
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD22	15	1.4
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD21	15	1.4
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD22	15	1.4
(16,1933)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	5	1.4
(16,1933)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	5	1.4
(16,1933)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	5	1.4
(16,1933)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	5	1.4
(16,1933)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	5	1.4
(16,1933)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	5	1.4
(16,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	9	1.4
(16,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	9	1.4
(16,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	9	1.4
(16,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	9	1.4
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	8	1.4
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	8	1.4
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	8	1.4
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	13	1.4
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	13	1.4
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	13	1.4
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	13	1.4
(16,1758)	1:95:A:ILE:HG21	1:97:A:ASP:HA	2	1.4
(16,1758)	1:95:A:ILE:HG22	1:97:A:ASP:HA	2	1.4
(16,1758)	1:95:A:ILE:HG23	1:97:A:ASP:HA	2	1.4
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG21	10	1.4
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG22	10	1.4
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG23	10	1.4
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG21	10	1.4
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG22	10	1.4
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG23	10	1.4
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG21	10	1.4
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG22	10	1.4
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG23	10	1.4
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	12	1.4
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	12	1.4
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	12	1.4
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	12	1.4
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	12	1.4
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	12	1.4
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG21	1	1.4
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG22	1	1.4
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG23	1	1.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,944)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	14	1.4
(16,944)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	14	1.4
(16,658)	1:79:A:THR:H	1:80:A:TYR:HD1	3	1.4
(16,658)	1:79:A:THR:H	1:80:A:TYR:HD2	3	1.4
(16,350)	1:111:A:GLU:H	1:111:A:GLU:HG2	3	1.4
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD11	5	1.4
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD12	5	1.4
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD13	5	1.4
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG2	3	1.4
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG3	3	1.4
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG2	4	1.4
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG3	4	1.4
(15,1931)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	7	1.4
(15,1931)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	7	1.4
(15,1931)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	7	1.4
(15,1931)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	7	1.4
(15,1926)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	5	1.4
(15,1926)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	5	1.4
(15,1926)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	5	1.4
(15,1926)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	5	1.4
(15,1926)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	5	1.4
(15,1926)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	5	1.4
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	12	1.4
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	12	1.4
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	12	1.4
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	12	1.4
(15,801)	1:11:A:ILE:HD11	1:14:A:VAL:HB	14	1.4
(15,801)	1:11:A:ILE:HD12	1:14:A:VAL:HB	14	1.4
(15,801)	1:11:A:ILE:HD13	1:14:A:VAL:HB	14	1.4
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD11	4	1.4
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD12	4	1.4
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD13	4	1.4
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD21	4	1.4
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD22	4	1.4
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD23	4	1.4
(13,877)	1:13:A:ALA:H	1:80:A:TYR:HB2	12	1.4
(13,617)	1:35:A:LEU:H	1:80:A:TYR:HB2	6	1.4
(13,571)	1:148:A:CYS:HA	1:150:A:THR:H	19	1.4
(11,2238)	1:66:A:THR:H	1:70:A:LYS:HD2	2	1.4
(11,2238)	1:66:A:THR:H	1:70:A:LYS:HD3	2	1.4
(11,2177)	1:46:A:ASN:HD21	1:131:A:LEU:HA	8	1.4
(11,2177)	1:46:A:ASN:HD22	1:131:A:LEU:HA	8	1.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2135)	1:39:A:VAL:HG11	1:144:A:LEU:H	14	1.4
(11,2135)	1:39:A:VAL:HG12	1:144:A:LEU:H	14	1.4
(11,2135)	1:39:A:VAL:HG13	1:144:A:LEU:H	14	1.4
(11,2135)	1:39:A:VAL:HG21	1:144:A:LEU:H	14	1.4
(11,2135)	1:39:A:VAL:HG22	1:144:A:LEU:H	14	1.4
(11,2135)	1:39:A:VAL:HG23	1:144:A:LEU:H	14	1.4
(11,1942)	1:14:A:VAL:HB	1:18:A:PHE:HZ	13	1.4
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	13	1.4
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	13	1.4
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	13	1.4
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	13	1.4
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	4	1.4
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	4	1.4
(11,1422)	1:56:A:CYS:HA	1:120:A:CYS:HA	9	1.4
(11,1239)	1:34:A:LYS:H	1:81:A:GLU:HA	11	1.4
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	10	1.4
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	10	1.4
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	10	1.4
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	10	1.4
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	10	1.4
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	10	1.4
(11,795)	1:11:A:ILE:HD11	1:14:A:VAL:HB	14	1.4
(11,795)	1:11:A:ILE:HD12	1:14:A:VAL:HB	14	1.4
(11,795)	1:11:A:ILE:HD13	1:14:A:VAL:HB	14	1.4
(11,654)	1:79:A:THR:H	1:80:A:TYR:HD1	3	1.4
(11,654)	1:79:A:THR:H	1:80:A:TYR:HD2	3	1.4
(11,577)	1:148:A:CYS:HA	1:150:A:THR:H	19	1.4
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	8	1.4
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	8	1.4
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	8	1.4
(9,1463)	1:67:A:PRO:HD3	1:95:A:ILE:HA	7	1.4
(7,2251)	1:79:A:THR:HG21	1:81:A:GLU:HB2	14	1.4
(7,2251)	1:79:A:THR:HG21	1:81:A:GLU:HB3	14	1.4
(7,2251)	1:79:A:THR:HG22	1:81:A:GLU:HB2	14	1.4
(7,2251)	1:79:A:THR:HG22	1:81:A:GLU:HB3	14	1.4
(7,2251)	1:79:A:THR:HG23	1:81:A:GLU:HB2	14	1.4
(7,2251)	1:79:A:THR:HG23	1:81:A:GLU:HB3	14	1.4
(7,2215)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	7	1.4
(7,2215)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	7	1.4
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	9	1.4
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	9	1.4
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	9	1.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD21	9	1.4
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD22	9	1.4
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD23	9	1.4
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	9	1.4
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	9	1.4
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	9	1.4
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD21	9	1.4
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD22	9	1.4
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD23	9	1.4
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	9	1.4
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	9	1.4
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	9	1.4
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD21	9	1.4
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD22	9	1.4
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD23	9	1.4
(7,1818)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	17	1.4
(7,1818)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	17	1.4
(7,1818)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	17	1.4
(7,1818)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	17	1.4
(7,1818)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	17	1.4
(7,1818)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	17	1.4
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	8	1.4
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	8	1.4
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	8	1.4
(5,2478)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	4	1.4
(5,2478)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	4	1.4
(5,2478)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	4	1.4
(5,2478)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	4	1.4
(5,2471)	1:144:A:LEU:HD11	1:147:A:ARG:HB2	13	1.4
(5,2471)	1:144:A:LEU:HD11	1:147:A:ARG:HB3	13	1.4
(5,2471)	1:144:A:LEU:HD12	1:147:A:ARG:HB2	13	1.4
(5,2471)	1:144:A:LEU:HD12	1:147:A:ARG:HB3	13	1.4
(5,2471)	1:144:A:LEU:HD13	1:147:A:ARG:HB2	13	1.4
(5,2471)	1:144:A:LEU:HD13	1:147:A:ARG:HB3	13	1.4
(5,2471)	1:144:A:LEU:HD21	1:147:A:ARG:HB2	13	1.4
(5,2471)	1:144:A:LEU:HD21	1:147:A:ARG:HB3	13	1.4
(5,2471)	1:144:A:LEU:HD22	1:147:A:ARG:HB2	13	1.4
(5,2471)	1:144:A:LEU:HD22	1:147:A:ARG:HB3	13	1.4
(5,2471)	1:144:A:LEU:HD23	1:147:A:ARG:HB2	13	1.4
(5,2471)	1:144:A:LEU:HD23	1:147:A:ARG:HB3	13	1.4
(5,1489)	1:67:A:PRO:HD3	1:95:A:ILE:HA	17	1.4
(5,1025)	1:113:A:PHE:HA	1:116:A:GLN:HG3	16	1.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,911)	1:43:A:MET:H	1:44:A:GLU:HG2	4	1.4
(5,911)	1:43:A:MET:H	1:44:A:GLU:HG3	4	1.4
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	14	1.4
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	14	1.4
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	14	1.4
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD11	4	1.4
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD12	4	1.4
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD13	4	1.4
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD21	4	1.4
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD22	4	1.4
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD23	4	1.4
(4,1897)	1:14:A:VAL:HB	1:18:A:PHE:HZ	13	1.4
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG21	10	1.4
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG22	10	1.4
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG23	10	1.4
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG21	10	1.4
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG22	10	1.4
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG23	10	1.4
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG21	10	1.4
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG22	10	1.4
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG23	10	1.4
(3,2145)	1:39:A:VAL:HG11	1:144:A:LEU:H	14	1.4
(3,2145)	1:39:A:VAL:HG12	1:144:A:LEU:H	14	1.4
(3,2145)	1:39:A:VAL:HG13	1:144:A:LEU:H	14	1.4
(3,2145)	1:39:A:VAL:HG21	1:144:A:LEU:H	14	1.4
(3,2145)	1:39:A:VAL:HG22	1:144:A:LEU:H	14	1.4
(3,2145)	1:39:A:VAL:HG23	1:144:A:LEU:H	14	1.4
(3,2044)	1:17:A:ASN:HD21	1:78:A:HIS:H	5	1.4
(3,2044)	1:17:A:ASN:HD22	1:78:A:HIS:H	5	1.4
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG2	5	1.4
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG3	5	1.4
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG2	5	1.4
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG3	5	1.4
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG2	5	1.4
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG3	5	1.4
(3,1435)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	12	1.4
(3,1435)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	12	1.4
(3,1435)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	12	1.4
(3,1435)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	13	1.4
(3,1435)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	13	1.4
(3,1435)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	13	1.4
(3,1155)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	5	1.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1155)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	5	1.4
(3,1155)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	5	1.4
(3,1122)	1:31:A:PRO:HG2	1:143:A:TRP:HA	9	1.4
(3,1122)	1:31:A:PRO:HG3	1:143:A:TRP:HA	9	1.4
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	10	1.4
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	10	1.4
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	10	1.4
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	10	1.4
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	10	1.4
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	10	1.4
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	14	1.4
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	14	1.4
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	14	1.4
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	14	1.4
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	14	1.4
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	14	1.4
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	13	1.4
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	13	1.4
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	13	1.4
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	13	1.4
(2,1369)	1:39:A:VAL:HG11	1:144:A:LEU:H	2	1.4
(2,1369)	1:39:A:VAL:HG12	1:144:A:LEU:H	2	1.4
(2,1369)	1:39:A:VAL:HG13	1:144:A:LEU:H	2	1.4
(2,968)	1:47:A:ALA:HB1	1:134:A:VAL:HB	9	1.4
(2,968)	1:47:A:ALA:HB2	1:134:A:VAL:HB	9	1.4
(2,968)	1:47:A:ALA:HB3	1:134:A:VAL:HB	9	1.4
(2,791)	1:11:A:ILE:HD11	1:14:A:VAL:HB	14	1.4
(2,791)	1:11:A:ILE:HD12	1:14:A:VAL:HB	14	1.4
(2,791)	1:11:A:ILE:HD13	1:14:A:VAL:HB	14	1.4
(2,684)	1:39:A:VAL:HB	1:144:A:LEU:H	8	1.4
(2,581)	1:129:A:LYS:HG2	1:130:A:GLY:H	8	1.4
(1,2027)	1:23:A:LEU:HD11	1:26:A:ASP:HA	14	1.4
(1,2027)	1:23:A:LEU:HD12	1:26:A:ASP:HA	14	1.4
(1,2027)	1:23:A:LEU:HD13	1:26:A:ASP:HA	14	1.4
(1,2027)	1:23:A:LEU:HD21	1:26:A:ASP:HA	14	1.4
(1,2027)	1:23:A:LEU:HD22	1:26:A:ASP:HA	14	1.4
(1,2027)	1:23:A:LEU:HD23	1:26:A:ASP:HA	14	1.4
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE1	14	1.4
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE2	14	1.4
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG21	19	1.4
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG22	19	1.4
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG23	19	1.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG21	19	1.4
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG22	19	1.4
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG23	19	1.4
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG21	19	1.4
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG22	19	1.4
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG23	19	1.4
(1,1482)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	4	1.4
(1,1482)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	4	1.4
(1,1482)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	4	1.4
(1,1477)	1:67:A:PRO:HD3	1:95:A:ILE:HA	7	1.4
(1,1369)	1:12:A:VAL:HG21	1:43:A:MET:HG3	5	1.4
(1,1369)	1:12:A:VAL:HG22	1:43:A:MET:HG3	5	1.4
(1,1369)	1:12:A:VAL:HG23	1:43:A:MET:HG3	5	1.4
(1,1292)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	15	1.4
(1,1292)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	15	1.4
(1,1292)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	15	1.4
(1,727)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	16	1.4
(1,727)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	16	1.4
(1,727)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	16	1.4
(1,387)	1:62:A:HIS:H	1:63:A:ILE:HG13	11	1.4
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	15	1.39
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	15	1.39
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	15	1.39
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	15	1.39
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	15	1.39
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	15	1.39
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	15	1.39
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	15	1.39
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	15	1.39
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	15	1.39
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	15	1.39
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	15	1.39
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	15	1.39
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	15	1.39
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	15	1.39
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	15	1.39
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	15	1.39
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	15	1.39
(34,1903)	1:18:A:PHE:HE1	1:57:A:LEU:HG	5	1.39
(34,1903)	1:18:A:PHE:HE2	1:57:A:LEU:HG	5	1.39
(34,1094)	1:66:A:THR:HG21	1:95:A:ILE:HA	8	1.39
(34,1094)	1:66:A:THR:HG22	1:95:A:ILE:HA	8	1.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1094)	1:66:A:THR:HG23	1:95:A:ILE:HA	8	1.39
(34,866)	1:18:A:PHE:HZ	1:60:A:LEU:HB2	1	1.39
(34,853)	1:60:A:LEU:HB3	1:63:A:ILE:HG13	11	1.39
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD11	6	1.39
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD12	6	1.39
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD13	6	1.39
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD21	6	1.39
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD22	6	1.39
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD23	6	1.39
(33,2040)	1:23:A:LEU:HD11	1:26:A:ASP:HA	13	1.39
(33,2040)	1:23:A:LEU:HD12	1:26:A:ASP:HA	13	1.39
(33,2040)	1:23:A:LEU:HD13	1:26:A:ASP:HA	13	1.39
(33,2040)	1:23:A:LEU:HD21	1:26:A:ASP:HA	13	1.39
(33,2040)	1:23:A:LEU:HD22	1:26:A:ASP:HA	13	1.39
(33,2040)	1:23:A:LEU:HD23	1:26:A:ASP:HA	13	1.39
(33,2040)	1:23:A:LEU:HD11	1:26:A:ASP:HA	19	1.39
(33,2040)	1:23:A:LEU:HD12	1:26:A:ASP:HA	19	1.39
(33,2040)	1:23:A:LEU:HD13	1:26:A:ASP:HA	19	1.39
(33,2040)	1:23:A:LEU:HD21	1:26:A:ASP:HA	19	1.39
(33,2040)	1:23:A:LEU:HD22	1:26:A:ASP:HA	19	1.39
(33,2040)	1:23:A:LEU:HD23	1:26:A:ASP:HA	19	1.39
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	15	1.39
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	15	1.39
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	15	1.39
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	15	1.39
(33,1470)	1:95:A:ILE:HG21	1:97:A:ASP:H	6	1.39
(33,1470)	1:95:A:ILE:HG22	1:97:A:ASP:H	6	1.39
(33,1470)	1:95:A:ILE:HG23	1:97:A:ASP:H	6	1.39
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD21	12	1.39
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD22	12	1.39
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD23	12	1.39
(33,718)	1:44:A:GLU:HB2	1:54:A:ARG:HE	16	1.39
(33,718)	1:44:A:GLU:HB3	1:54:A:ARG:HE	16	1.39
(32,2487)	1:144:A:LEU:HD11	1:146:A:GLN:HG2	6	1.39
(32,2487)	1:144:A:LEU:HD11	1:146:A:GLN:HG3	6	1.39
(32,2487)	1:144:A:LEU:HD12	1:146:A:GLN:HG2	6	1.39
(32,2487)	1:144:A:LEU:HD12	1:146:A:GLN:HG3	6	1.39
(32,2487)	1:144:A:LEU:HD13	1:146:A:GLN:HG2	6	1.39
(32,2487)	1:144:A:LEU:HD13	1:146:A:GLN:HG3	6	1.39
(32,2487)	1:144:A:LEU:HD21	1:146:A:GLN:HG2	6	1.39
(32,2487)	1:144:A:LEU:HD21	1:146:A:GLN:HG3	6	1.39
(32,2487)	1:144:A:LEU:HD22	1:146:A:GLN:HG2	6	1.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2487)	1:144:A:LEU:HD22	1:146:A:GLN:HG3	6	1.39
(32,2487)	1:144:A:LEU:HD23	1:146:A:GLN:HG2	6	1.39
(32,2487)	1:144:A:LEU:HD23	1:146:A:GLN:HG3	6	1.39
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD11	6	1.39
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD12	6	1.39
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD13	6	1.39
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD21	6	1.39
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD22	6	1.39
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD23	6	1.39
(32,2007)	1:23:A:LEU:HD11	1:26:A:ASP:HA	13	1.39
(32,2007)	1:23:A:LEU:HD12	1:26:A:ASP:HA	13	1.39
(32,2007)	1:23:A:LEU:HD13	1:26:A:ASP:HA	13	1.39
(32,2007)	1:23:A:LEU:HD21	1:26:A:ASP:HA	13	1.39
(32,2007)	1:23:A:LEU:HD22	1:26:A:ASP:HA	13	1.39
(32,2007)	1:23:A:LEU:HD23	1:26:A:ASP:HA	13	1.39
(32,2007)	1:23:A:LEU:HD11	1:26:A:ASP:HA	19	1.39
(32,2007)	1:23:A:LEU:HD12	1:26:A:ASP:HA	19	1.39
(32,2007)	1:23:A:LEU:HD13	1:26:A:ASP:HA	19	1.39
(32,2007)	1:23:A:LEU:HD21	1:26:A:ASP:HA	19	1.39
(32,2007)	1:23:A:LEU:HD22	1:26:A:ASP:HA	19	1.39
(32,2007)	1:23:A:LEU:HD23	1:26:A:ASP:HA	19	1.39
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	15	1.39
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	15	1.39
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	15	1.39
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	15	1.39
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	15	1.39
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	15	1.39
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	15	1.39
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	15	1.39
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	15	1.39
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	15	1.39
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	15	1.39
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	15	1.39
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	15	1.39
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	15	1.39
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	15	1.39
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	15	1.39
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	15	1.39
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	15	1.39
(32,1611)	1:132:A:ALA:HA	1:134:A:VAL:HG21	11	1.39
(32,1611)	1:132:A:ALA:HA	1:134:A:VAL:HG22	11	1.39
(32,1611)	1:132:A:ALA:HA	1:134:A:VAL:HG23	11	1.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1423)	1:15:A:ALA:HB1	1:132:A:ALA:HA	13	1.39
(32,1423)	1:15:A:ALA:HB2	1:132:A:ALA:HA	13	1.39
(32,1423)	1:15:A:ALA:HB3	1:132:A:ALA:HA	13	1.39
(32,1343)	1:132:A:ALA:HA	1:134:A:VAL:HG11	9	1.39
(32,1343)	1:132:A:ALA:HA	1:134:A:VAL:HG12	9	1.39
(32,1343)	1:132:A:ALA:HA	1:134:A:VAL:HG13	9	1.39
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD21	12	1.39
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD22	12	1.39
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD23	12	1.39
(30,2044)	1:27:A:ARG:HB2	1:29:A:LYS:H	3	1.39
(30,2044)	1:27:A:ARG:HB3	1:29:A:LYS:H	3	1.39
(30,1912)	1:35:A:LEU:HG	1:80:A:TYR:HE1	7	1.39
(30,1912)	1:35:A:LEU:HG	1:80:A:TYR:HE2	7	1.39
(30,1374)	1:132:A:ALA:HA	1:134:A:VAL:HG21	11	1.39
(30,1374)	1:132:A:ALA:HA	1:134:A:VAL:HG22	11	1.39
(30,1374)	1:132:A:ALA:HA	1:134:A:VAL:HG23	11	1.39
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	1	1.39
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	1	1.39
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	1	1.39
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	1	1.39
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	1	1.39
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	1	1.39
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	9	1.39
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	9	1.39
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	9	1.39
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	9	1.39
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	9	1.39
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	9	1.39
(30,686)	1:39:A:VAL:HB	1:144:A:LEU:H	14	1.39
(29,1741)	1:79:A:THR:HG21	1:81:A:GLU:HG2	6	1.39
(29,1741)	1:79:A:THR:HG21	1:81:A:GLU:HG3	6	1.39
(29,1741)	1:79:A:THR:HG22	1:81:A:GLU:HG2	6	1.39
(29,1741)	1:79:A:THR:HG22	1:81:A:GLU:HG3	6	1.39
(29,1741)	1:79:A:THR:HG23	1:81:A:GLU:HG2	6	1.39
(29,1741)	1:79:A:THR:HG23	1:81:A:GLU:HG3	6	1.39
(29,1638)	1:79:A:THR:HB	1:80:A:TYR:HB2	17	1.39
(29,1383)	1:132:A:ALA:HA	1:134:A:VAL:HG21	11	1.39
(29,1383)	1:132:A:ALA:HA	1:134:A:VAL:HG22	11	1.39
(29,1383)	1:132:A:ALA:HA	1:134:A:VAL:HG23	11	1.39
(29,1035)	1:113:A:PHE:HA	1:116:A:GLN:HG3	4	1.39
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	1	1.39
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	1	1.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	1	1.39
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	1	1.39
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	1	1.39
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	1	1.39
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	1	1.39
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	1	1.39
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	1	1.39
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	1	1.39
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	1	1.39
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	1	1.39
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	15	1.39
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	15	1.39
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	15	1.39
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	15	1.39
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	15	1.39
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	15	1.39
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	15	1.39
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	15	1.39
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	15	1.39
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	15	1.39
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	15	1.39
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	15	1.39
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	15	1.39
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	15	1.39
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	15	1.39
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	15	1.39
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	15	1.39
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	15	1.39
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD1	17	1.39
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD2	17	1.39
(18,982)	1:68:A:LYS:HG2	1:109:A:PRO:HB2	3	1.39
(18,982)	1:68:A:LYS:HG2	1:109:A:PRO:HB3	3	1.39
(18,982)	1:68:A:LYS:HG3	1:109:A:PRO:HB2	3	1.39
(18,982)	1:68:A:LYS:HG3	1:109:A:PRO:HB3	3	1.39
(18,849)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	8	1.39
(18,731)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	16	1.39
(18,731)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	16	1.39
(18,731)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	16	1.39
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	9	1.39
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	9	1.39
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	9	1.39
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	9	1.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	9	1.39
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	9	1.39
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD11	15	1.39
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD12	15	1.39
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD13	15	1.39
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD21	15	1.39
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD22	15	1.39
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD23	15	1.39
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD11	15	1.39
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD12	15	1.39
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD13	15	1.39
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD21	15	1.39
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD22	15	1.39
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD23	15	1.39
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD11	15	1.39
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD12	15	1.39
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD13	15	1.39
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD21	15	1.39
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD22	15	1.39
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD23	15	1.39
(17,1923)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	1	1.39
(17,1923)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	1	1.39
(17,1923)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	1	1.39
(17,1923)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	1	1.39
(17,1669)	1:132:A:ALA:HA	1:134:A:VAL:HG21	8	1.39
(17,1669)	1:132:A:ALA:HA	1:134:A:VAL:HG22	8	1.39
(17,1669)	1:132:A:ALA:HA	1:134:A:VAL:HG23	8	1.39
(17,1112)	1:31:A:PRO:HG2	1:143:A:TRP:HA	9	1.39
(17,1112)	1:31:A:PRO:HG3	1:143:A:TRP:HA	9	1.39
(16,2071)	1:32:A:GLY:HA2	1:81:A:GLU:H	13	1.39
(16,2071)	1:32:A:GLY:HA3	1:81:A:GLU:H	13	1.39
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD11	6	1.39
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD12	6	1.39
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD13	6	1.39
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD21	6	1.39
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD22	6	1.39
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD23	6	1.39
(16,2038)	1:23:A:LEU:HD11	1:27:A:ARG:HB2	14	1.39
(16,2038)	1:23:A:LEU:HD11	1:27:A:ARG:HB3	14	1.39
(16,2038)	1:23:A:LEU:HD12	1:27:A:ARG:HB2	14	1.39
(16,2038)	1:23:A:LEU:HD12	1:27:A:ARG:HB3	14	1.39
(16,2038)	1:23:A:LEU:HD13	1:27:A:ARG:HB2	14	1.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2038)	1:23:A:LEU:HD13	1:27:A:ARG:HB3	14	1.39
(16,2038)	1:23:A:LEU:HD21	1:27:A:ARG:HB2	14	1.39
(16,2038)	1:23:A:LEU:HD21	1:27:A:ARG:HB3	14	1.39
(16,2038)	1:23:A:LEU:HD22	1:27:A:ARG:HB2	14	1.39
(16,2038)	1:23:A:LEU:HD22	1:27:A:ARG:HB3	14	1.39
(16,2038)	1:23:A:LEU:HD23	1:27:A:ARG:HB2	14	1.39
(16,2038)	1:23:A:LEU:HD23	1:27:A:ARG:HB3	14	1.39
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	15	1.39
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	15	1.39
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	15	1.39
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	15	1.39
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	15	1.39
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	15	1.39
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	15	1.39
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	15	1.39
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	15	1.39
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	15	1.39
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	15	1.39
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	15	1.39
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	15	1.39
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	15	1.39
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	15	1.39
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	15	1.39
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	15	1.39
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	15	1.39
(16,1637)	1:132:A:ALA:HB1	1:134:A:VAL:HG21	19	1.39
(16,1637)	1:132:A:ALA:HB1	1:134:A:VAL:HG22	19	1.39
(16,1637)	1:132:A:ALA:HB1	1:134:A:VAL:HG23	19	1.39
(16,1637)	1:132:A:ALA:HB2	1:134:A:VAL:HG21	19	1.39
(16,1637)	1:132:A:ALA:HB2	1:134:A:VAL:HG22	19	1.39
(16,1637)	1:132:A:ALA:HB2	1:134:A:VAL:HG23	19	1.39
(16,1637)	1:132:A:ALA:HB3	1:134:A:VAL:HG21	19	1.39
(16,1637)	1:132:A:ALA:HB3	1:134:A:VAL:HG22	19	1.39
(16,1637)	1:132:A:ALA:HB3	1:134:A:VAL:HG23	19	1.39
(16,1533)	1:69:A:MET:HE1	1:76:A:ARG:HB2	5	1.39
(16,1533)	1:69:A:MET:HE2	1:76:A:ARG:HB2	5	1.39
(16,1533)	1:69:A:MET:HE3	1:76:A:ARG:HB2	5	1.39
(16,1530)	1:69:A:MET:HE1	1:76:A:ARG:HB3	1	1.39
(16,1530)	1:69:A:MET:HE2	1:76:A:ARG:HB3	1	1.39
(16,1530)	1:69:A:MET:HE3	1:76:A:ARG:HB3	1	1.39
(16,1380)	1:132:A:ALA:HA	1:134:A:VAL:HG21	11	1.39
(16,1380)	1:132:A:ALA:HA	1:134:A:VAL:HG22	11	1.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1380)	1:132:A:ALA:HA	1:134:A:VAL:HG23	11	1.39
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD21	12	1.39
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD22	12	1.39
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD23	12	1.39
(16,1036)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	19	1.39
(16,1036)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	19	1.39
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	1	1.39
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	1	1.39
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	1	1.39
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	1	1.39
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	1	1.39
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	1	1.39
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	9	1.39
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	9	1.39
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	9	1.39
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	9	1.39
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	9	1.39
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	9	1.39
(16,727)	1:63:A:ILE:HG12	1:116:A:GLN:HE22	16	1.39
(16,520)	1:70:A:LYS:HG3	1:71:A:LYS:H	5	1.39
(16,350)	1:111:A:GLU:H	1:111:A:GLU:HG2	9	1.39
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	9	1.39
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	9	1.39
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	9	1.39
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	9	1.39
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	9	1.39
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	9	1.39
(15,1887)	1:35:A:LEU:HG	1:80:A:TYR:HE1	7	1.39
(15,1887)	1:35:A:LEU:HG	1:80:A:TYR:HE2	7	1.39
(15,1649)	1:132:A:ALA:HA	1:134:A:VAL:HG21	11	1.39
(15,1649)	1:132:A:ALA:HA	1:134:A:VAL:HG22	11	1.39
(15,1649)	1:132:A:ALA:HA	1:134:A:VAL:HG23	11	1.39
(15,1373)	1:132:A:ALA:HA	1:134:A:VAL:HG11	9	1.39
(15,1373)	1:132:A:ALA:HA	1:134:A:VAL:HG12	9	1.39
(15,1373)	1:132:A:ALA:HA	1:134:A:VAL:HG13	9	1.39
(15,844)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	8	1.39
(15,812)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	9	1.39
(15,812)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	9	1.39
(15,812)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	9	1.39
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	12	1.39
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	12	1.39
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	12	1.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD21	5	1.39
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD22	5	1.39
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD23	5	1.39
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	15	1.39
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	15	1.39
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	15	1.39
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	15	1.39
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	15	1.39
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	15	1.39
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	15	1.39
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	15	1.39
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	15	1.39
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	15	1.39
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	15	1.39
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	15	1.39
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	15	1.39
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	15	1.39
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	15	1.39
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	15	1.39
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	15	1.39
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	15	1.39
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	12	1.39
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	12	1.39
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	12	1.39
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	12	1.39
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	12	1.39
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	12	1.39
(13,571)	1:148:A:CYS:HA	1:150:A:THR:H	1	1.39
(13,571)	1:148:A:CYS:HA	1:150:A:THR:H	4	1.39
(13,571)	1:148:A:CYS:HA	1:150:A:THR:H	6	1.39
(13,571)	1:148:A:CYS:HA	1:150:A:THR:H	11	1.39
(11,2055)	1:23:A:LEU:HD11	1:26:A:ASP:HA	13	1.39
(11,2055)	1:23:A:LEU:HD12	1:26:A:ASP:HA	13	1.39
(11,2055)	1:23:A:LEU:HD13	1:26:A:ASP:HA	13	1.39
(11,2055)	1:23:A:LEU:HD21	1:26:A:ASP:HA	13	1.39
(11,2055)	1:23:A:LEU:HD22	1:26:A:ASP:HA	13	1.39
(11,2055)	1:23:A:LEU:HD23	1:26:A:ASP:HA	13	1.39
(11,2055)	1:23:A:LEU:HD11	1:26:A:ASP:HA	19	1.39
(11,2055)	1:23:A:LEU:HD12	1:26:A:ASP:HA	19	1.39
(11,2055)	1:23:A:LEU:HD13	1:26:A:ASP:HA	19	1.39
(11,2055)	1:23:A:LEU:HD21	1:26:A:ASP:HA	19	1.39
(11,2055)	1:23:A:LEU:HD22	1:26:A:ASP:HA	19	1.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2055)	1:23:A:LEU:HD23	1:26:A:ASP:HA	19	1.39
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD2	19	1.39
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD3	19	1.39
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD2	19	1.39
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD3	19	1.39
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD2	19	1.39
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD3	19	1.39
(11,1757)	1:79:A:THR:HG21	1:81:A:GLU:HG2	6	1.39
(11,1757)	1:79:A:THR:HG21	1:81:A:GLU:HG3	6	1.39
(11,1757)	1:79:A:THR:HG22	1:81:A:GLU:HG2	6	1.39
(11,1757)	1:79:A:THR:HG22	1:81:A:GLU:HG3	6	1.39
(11,1757)	1:79:A:THR:HG23	1:81:A:GLU:HG2	6	1.39
(11,1757)	1:79:A:THR:HG23	1:81:A:GLU:HG3	6	1.39
(11,1601)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	13	1.39
(11,1601)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	13	1.39
(11,1601)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	13	1.39
(11,1601)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	13	1.39
(11,1601)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	13	1.39
(11,1601)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	13	1.39
(11,1601)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	13	1.39
(11,1601)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	13	1.39
(11,1601)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	13	1.39
(11,577)	1:148:A:CYS:HA	1:150:A:THR:H	1	1.39
(11,577)	1:148:A:CYS:HA	1:150:A:THR:H	4	1.39
(11,577)	1:148:A:CYS:HA	1:150:A:THR:H	6	1.39
(11,577)	1:148:A:CYS:HA	1:150:A:THR:H	11	1.39
(11,262)	1:27:A:ARG:HB3	1:29:A:LYS:H	9	1.39
(9,1644)	1:132:A:ALA:HA	1:134:A:VAL:HG21	11	1.39
(9,1644)	1:132:A:ALA:HA	1:134:A:VAL:HG22	11	1.39
(9,1644)	1:132:A:ALA:HA	1:134:A:VAL:HG23	11	1.39
(9,1470)	1:95:A:ILE:HG21	1:97:A:ASP:H	6	1.39
(9,1470)	1:95:A:ILE:HG22	1:97:A:ASP:H	6	1.39
(9,1470)	1:95:A:ILE:HG23	1:97:A:ASP:H	6	1.39
(9,1451)	1:13:A:ALA:HB1	1:78:A:HIS:HA	6	1.39
(9,1451)	1:13:A:ALA:HB2	1:78:A:HIS:HA	6	1.39
(9,1451)	1:13:A:ALA:HB3	1:78:A:HIS:HA	6	1.39
(9,1370)	1:132:A:ALA:HA	1:134:A:VAL:HG11	9	1.39
(9,1370)	1:132:A:ALA:HA	1:134:A:VAL:HG12	9	1.39
(9,1370)	1:132:A:ALA:HA	1:134:A:VAL:HG13	9	1.39
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD21	19	1.39
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD22	19	1.39
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD23	19	1.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,937)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	4	1.39
(9,486)	1:147:A:ARG:HD2	1:148:A:CYS:H	13	1.39
(9,486)	1:147:A:ARG:HD3	1:148:A:CYS:H	13	1.39
(7,2423)	1:134:A:VAL:HG11	1:137:A:SER:H	7	1.39
(7,2423)	1:134:A:VAL:HG12	1:137:A:SER:H	7	1.39
(7,2423)	1:134:A:VAL:HG13	1:137:A:SER:H	7	1.39
(7,2423)	1:134:A:VAL:HG21	1:137:A:SER:H	7	1.39
(7,2423)	1:134:A:VAL:HG22	1:137:A:SER:H	7	1.39
(7,2423)	1:134:A:VAL:HG23	1:137:A:SER:H	7	1.39
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG21	7	1.39
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG22	7	1.39
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG23	7	1.39
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	1	1.39
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	1	1.39
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	1	1.39
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	1	1.39
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	1	1.39
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	1	1.39
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	9	1.39
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	9	1.39
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	9	1.39
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	9	1.39
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	9	1.39
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	9	1.39
(7,785)	1:11:A:ILE:HD11	1:14:A:VAL:HB	14	1.39
(7,785)	1:11:A:ILE:HD12	1:14:A:VAL:HB	14	1.39
(7,785)	1:11:A:ILE:HD13	1:14:A:VAL:HB	14	1.39
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	14	1.39
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	14	1.39
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	14	1.39
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	14	1.39
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	14	1.39
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	14	1.39
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	14	1.39
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	14	1.39
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	14	1.39
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	14	1.39
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	14	1.39
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	14	1.39
(6,1015)	1:60:A:LEU:H	1:63:A:ILE:HG13	17	1.39
(5,1904)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	1.39
(5,1904)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	1.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1904)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	1.39
(5,1904)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	1.39
(5,1904)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	1.39
(5,1904)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	1.39
(5,1395)	1:132:A:ALA:HA	1:134:A:VAL:HG21	11	1.39
(5,1395)	1:132:A:ALA:HA	1:134:A:VAL:HG22	11	1.39
(5,1395)	1:132:A:ALA:HA	1:134:A:VAL:HG23	11	1.39
(5,1137)	1:40:A:LEU:HA	1:44:A:GLU:HG3	8	1.39
(5,1025)	1:113:A:PHE:HA	1:116:A:GLN:HG3	4	1.39
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG2	15	1.39
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG3	15	1.39
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG2	15	1.39
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG3	15	1.39
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG2	15	1.39
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG3	15	1.39
(5,914)	1:43:A:MET:HA	1:44:A:GLU:HG2	19	1.39
(4,2428)	1:134:A:VAL:HG11	1:137:A:SER:H	7	1.39
(4,2428)	1:134:A:VAL:HG12	1:137:A:SER:H	7	1.39
(4,2428)	1:134:A:VAL:HG13	1:137:A:SER:H	7	1.39
(4,2428)	1:134:A:VAL:HG21	1:137:A:SER:H	7	1.39
(4,2428)	1:134:A:VAL:HG22	1:137:A:SER:H	7	1.39
(4,2428)	1:134:A:VAL:HG23	1:137:A:SER:H	7	1.39
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	15	1.39
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	15	1.39
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	15	1.39
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	15	1.39
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	15	1.39
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	15	1.39
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	15	1.39
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	15	1.39
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	15	1.39
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	15	1.39
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	15	1.39
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	15	1.39
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	15	1.39
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	15	1.39
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	15	1.39
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	15	1.39
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	15	1.39
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	15	1.39
(4,1545)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	10	1.39
(4,1545)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	10	1.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1545)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	10	1.39
(4,1322)	1:105:A:LYS:HD2	1:106:A:ASP:HA	14	1.39
(4,1322)	1:105:A:LYS:HD3	1:106:A:ASP:HA	14	1.39
(4,862)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	18	1.39
(4,862)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	18	1.39
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB1	16	1.39
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB2	16	1.39
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB3	16	1.39
(4,71)	1:63:A:ILE:HG21	1:117:A:VAL:H	17	1.39
(4,71)	1:63:A:ILE:HG22	1:117:A:VAL:H	17	1.39
(4,71)	1:63:A:ILE:HG23	1:117:A:VAL:H	17	1.39
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	11	1.39
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	11	1.39
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	11	1.39
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	11	1.39
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	11	1.39
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	11	1.39
(3,1580)	1:40:A:LEU:HD11	1:43:A:MET:H	12	1.39
(3,1580)	1:40:A:LEU:HD12	1:43:A:MET:H	12	1.39
(3,1580)	1:40:A:LEU:HD13	1:43:A:MET:H	12	1.39
(3,1481)	1:13:A:ALA:HB1	1:78:A:HIS:HA	11	1.39
(3,1481)	1:13:A:ALA:HB2	1:78:A:HIS:HA	11	1.39
(3,1481)	1:13:A:ALA:HB3	1:78:A:HIS:HA	11	1.39
(3,1255)	1:43:A:MET:H	1:140:A:LEU:HD11	9	1.39
(3,1255)	1:43:A:MET:H	1:140:A:LEU:HD12	9	1.39
(3,1255)	1:43:A:MET:H	1:140:A:LEU:HD13	9	1.39
(3,1211)	1:34:A:LYS:HG2	1:81:A:GLU:HA	7	1.39
(3,1211)	1:34:A:LYS:HG3	1:81:A:GLU:HA	7	1.39
(3,1155)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	17	1.39
(3,1155)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	17	1.39
(3,1155)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	17	1.39
(3,861)	1:43:A:MET:HE1	1:144:A:LEU:HB2	17	1.39
(3,861)	1:43:A:MET:HE2	1:144:A:LEU:HB2	17	1.39
(3,861)	1:43:A:MET:HE3	1:144:A:LEU:HB2	17	1.39
(3,852)	1:48:A:ARG:HD2	1:49:A:LYS:HA	14	1.39
(3,852)	1:48:A:ARG:HD3	1:49:A:LYS:HA	14	1.39
(3,728)	1:44:A:GLU:HB2	1:54:A:ARG:HE	16	1.39
(3,728)	1:44:A:GLU:HB3	1:54:A:ARG:HE	16	1.39
(2,2057)	1:23:A:LEU:HD11	1:26:A:ASP:HA	13	1.39
(2,2057)	1:23:A:LEU:HD12	1:26:A:ASP:HA	13	1.39
(2,2057)	1:23:A:LEU:HD13	1:26:A:ASP:HA	13	1.39
(2,2057)	1:23:A:LEU:HD21	1:26:A:ASP:HA	13	1.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2057)	1:23:A:LEU:HD22	1:26:A:ASP:HA	13	1.39
(2,2057)	1:23:A:LEU:HD23	1:26:A:ASP:HA	13	1.39
(2,2057)	1:23:A:LEU:HD11	1:26:A:ASP:HA	19	1.39
(2,2057)	1:23:A:LEU:HD12	1:26:A:ASP:HA	19	1.39
(2,2057)	1:23:A:LEU:HD13	1:26:A:ASP:HA	19	1.39
(2,2057)	1:23:A:LEU:HD21	1:26:A:ASP:HA	19	1.39
(2,2057)	1:23:A:LEU:HD22	1:26:A:ASP:HA	19	1.39
(2,2057)	1:23:A:LEU:HD23	1:26:A:ASP:HA	19	1.39
(2,1922)	1:18:A:PHE:HE1	1:57:A:LEU:HG	5	1.39
(2,1922)	1:18:A:PHE:HE2	1:57:A:LEU:HG	5	1.39
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG21	6	1.39
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG22	6	1.39
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG23	6	1.39
(2,1643)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	8	1.39
(2,714)	1:44:A:GLU:HB2	1:54:A:ARG:HE	16	1.39
(2,714)	1:44:A:GLU:HB3	1:54:A:ARG:HE	16	1.39
(2,684)	1:39:A:VAL:HB	1:144:A:LEU:H	14	1.39
(1,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	11	1.39
(1,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	11	1.39
(1,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	11	1.39
(1,936)	1:43:A:MET:HA	1:44:A:GLU:HG2	19	1.39
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	9	1.38
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	9	1.38
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	9	1.38
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	9	1.38
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	9	1.38
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	9	1.38
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	9	1.38
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	9	1.38
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	9	1.38
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	9	1.38
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	9	1.38
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	9	1.38
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	9	1.38
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	9	1.38
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	9	1.38
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	9	1.38
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	9	1.38
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	9	1.38
(34,1982)	1:12:A:VAL:HG11	1:81:A:GLU:H	15	1.38
(34,1982)	1:12:A:VAL:HG12	1:81:A:GLU:H	15	1.38
(34,1982)	1:12:A:VAL:HG13	1:81:A:GLU:H	15	1.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1982)	1:12:A:VAL:HG21	1:81:A:GLU:H	15	1.38
(34,1982)	1:12:A:VAL:HG22	1:81:A:GLU:H	15	1.38
(34,1982)	1:12:A:VAL:HG23	1:81:A:GLU:H	15	1.38
(34,1863)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	14	1.38
(34,1863)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	14	1.38
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD2	10	1.38
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD3	10	1.38
(34,1484)	1:67:A:PRO:HD3	1:95:A:ILE:HA	7	1.38
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	18	1.38
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	18	1.38
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	18	1.38
(34,1086)	1:110:A:MET:HG2	1:114:A:ILE:HG13	13	1.38
(34,1086)	1:110:A:MET:HG3	1:114:A:ILE:HG13	13	1.38
(33,2151)	1:43:A:MET:HE1	1:46:A:ASN:HB2	4	1.38
(33,2151)	1:43:A:MET:HE1	1:46:A:ASN:HB3	4	1.38
(33,2151)	1:43:A:MET:HE2	1:46:A:ASN:HB2	4	1.38
(33,2151)	1:43:A:MET:HE2	1:46:A:ASN:HB3	4	1.38
(33,2151)	1:43:A:MET:HE3	1:46:A:ASN:HB2	4	1.38
(33,2151)	1:43:A:MET:HE3	1:46:A:ASN:HB3	4	1.38
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	7	1.38
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	7	1.38
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	7	1.38
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	7	1.38
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	7	1.38
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	7	1.38
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	7	1.38
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	7	1.38
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	7	1.38
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	7	1.38
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	7	1.38
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	7	1.38
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	7	1.38
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	7	1.38
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	7	1.38
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	7	1.38
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	7	1.38
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	7	1.38
(33,1863)	1:9:A:PHE:HE1	1:14:A:VAL:HB	3	1.38
(33,1863)	1:9:A:PHE:HE2	1:14:A:VAL:HB	3	1.38
(33,1851)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	14	1.38
(33,1851)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	14	1.38
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	19	1.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	19	1.38
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	19	1.38
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	19	1.38
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	19	1.38
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	19	1.38
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE1	7	1.38
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE2	7	1.38
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE3	7	1.38
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE1	7	1.38
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE2	7	1.38
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE3	7	1.38
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE1	7	1.38
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE2	7	1.38
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE3	7	1.38
(32,1456)	1:114:A:ILE:HG21	1:117:A:VAL:HB	2	1.38
(32,1456)	1:114:A:ILE:HG22	1:117:A:VAL:HB	2	1.38
(32,1456)	1:114:A:ILE:HG23	1:117:A:VAL:HB	2	1.38
(32,1157)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	11	1.38
(32,1157)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	11	1.38
(32,1157)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	11	1.38
(32,1157)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	11	1.38
(32,1157)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	11	1.38
(32,1157)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	11	1.38
(32,1027)	1:110:A:MET:HG2	1:114:A:ILE:HG13	13	1.38
(32,1027)	1:110:A:MET:HG3	1:114:A:ILE:HG13	13	1.38
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE1	18	1.38
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE2	18	1.38
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE1	18	1.38
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE2	18	1.38
(30,1855)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	14	1.38
(30,1855)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	14	1.38
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	12	1.38
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	12	1.38
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	12	1.38
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	12	1.38
(30,1655)	1:132:A:ALA:HA	1:134:A:VAL:HG11	13	1.38
(30,1655)	1:132:A:ALA:HA	1:134:A:VAL:HG12	13	1.38
(30,1655)	1:132:A:ALA:HA	1:134:A:VAL:HG13	13	1.38
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE1	11	1.38
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE2	11	1.38
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE3	11	1.38
(30,1153)	1:13:A:ALA:HB1	1:80:A:TYR:HA	8	1.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1153)	1:13:A:ALA:HB2	1:80:A:TYR:HA	8	1.38
(30,1153)	1:13:A:ALA:HB3	1:80:A:TYR:HA	8	1.38
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	9	1.38
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	9	1.38
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	9	1.38
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	9	1.38
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	9	1.38
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	9	1.38
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	9	1.38
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	9	1.38
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	9	1.38
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	9	1.38
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	9	1.38
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	9	1.38
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	19	1.38
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	19	1.38
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	19	1.38
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	19	1.38
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	19	1.38
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	19	1.38
(29,1674)	1:132:A:ALA:HA	1:134:A:VAL:HG11	13	1.38
(29,1674)	1:132:A:ALA:HA	1:134:A:VAL:HG12	13	1.38
(29,1674)	1:132:A:ALA:HA	1:134:A:VAL:HG13	13	1.38
(29,847)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	15	1.38
(29,847)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	15	1.38
(29,847)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	15	1.38
(29,847)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	15	1.38
(29,847)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	15	1.38
(29,847)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	15	1.38
(18,1939)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	11	1.38
(18,1939)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	11	1.38
(18,1939)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	11	1.38
(18,1939)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	11	1.38
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	10	1.38
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	10	1.38
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	10	1.38
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	10	1.38
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	10	1.38
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	10	1.38
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD11	17	1.38
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD12	17	1.38
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD13	17	1.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD21	17	1.38
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD22	17	1.38
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD23	17	1.38
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD11	17	1.38
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD12	17	1.38
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD13	17	1.38
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD21	17	1.38
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD22	17	1.38
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD23	17	1.38
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD11	17	1.38
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD12	17	1.38
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD13	17	1.38
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD21	17	1.38
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD22	17	1.38
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD23	17	1.38
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD11	17	1.38
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD12	17	1.38
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD13	17	1.38
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD21	17	1.38
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD22	17	1.38
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD23	17	1.38
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD11	17	1.38
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD12	17	1.38
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD13	17	1.38
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD21	17	1.38
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD22	17	1.38
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD23	17	1.38
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD11	17	1.38
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD12	17	1.38
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD13	17	1.38
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD21	17	1.38
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD22	17	1.38
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD23	17	1.38
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	9	1.38
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	9	1.38
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	9	1.38
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	9	1.38
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	9	1.38
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	9	1.38
(17,1915)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	14	1.38
(17,1915)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	14	1.38
(17,1915)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	14	1.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1915)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	14	1.38
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	19	1.38
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	19	1.38
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	19	1.38
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	19	1.38
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	19	1.38
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	19	1.38
(17,1657)	1:18:A:PHE:HZ	1:60:A:LEU:HA	1	1.38
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD11	1	1.38
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD12	1	1.38
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD13	1	1.38
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD11	1	1.38
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD12	1	1.38
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD13	1	1.38
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD11	1	1.38
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD12	1	1.38
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD13	1	1.38
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE1	11	1.38
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE2	11	1.38
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE3	11	1.38
(17,1520)	1:114:A:ILE:HG21	1:117:A:VAL:HB	2	1.38
(17,1520)	1:114:A:ILE:HG22	1:117:A:VAL:HB	2	1.38
(17,1520)	1:114:A:ILE:HG23	1:117:A:VAL:HB	2	1.38
(17,1401)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	3	1.38
(17,1401)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	3	1.38
(17,1401)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	3	1.38
(17,1218)	1:41:A:LYS:HG3	1:44:A:GLU:HG2	4	1.38
(17,1163)	1:13:A:ALA:HB1	1:80:A:TYR:HA	14	1.38
(17,1163)	1:13:A:ALA:HB2	1:80:A:TYR:HA	14	1.38
(17,1163)	1:13:A:ALA:HB3	1:80:A:TYR:HA	14	1.38
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	13	1.38
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	13	1.38
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	13	1.38
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	13	1.38
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	13	1.38
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	13	1.38
(17,466)	1:14:A:VAL:H	1:61:A:SER:HA	12	1.38
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	15	1.38
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	15	1.38
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	15	1.38
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	15	1.38
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	15	1.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	15	1.38
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	15	1.38
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	15	1.38
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	15	1.38
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	15	1.38
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	15	1.38
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	15	1.38
(16,1763)	1:95:A:ILE:HB	1:97:A:ASP:HB2	2	1.38
(16,1763)	1:95:A:ILE:HB	1:97:A:ASP:HB3	2	1.38
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG11	8	1.38
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG12	8	1.38
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG13	8	1.38
(16,1018)	1:95:A:ILE:HG21	1:105:A:LYS:HB2	16	1.38
(16,1018)	1:95:A:ILE:HG21	1:105:A:LYS:HB3	16	1.38
(16,1018)	1:95:A:ILE:HG22	1:105:A:LYS:HB2	16	1.38
(16,1018)	1:95:A:ILE:HG22	1:105:A:LYS:HB3	16	1.38
(16,1018)	1:95:A:ILE:HG23	1:105:A:LYS:HB2	16	1.38
(16,1018)	1:95:A:ILE:HG23	1:105:A:LYS:HB3	16	1.38
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD11	3	1.38
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD12	3	1.38
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD13	3	1.38
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD11	3	1.38
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD12	3	1.38
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD13	3	1.38
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	13	1.38
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	13	1.38
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	13	1.38
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	13	1.38
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	13	1.38
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	13	1.38
(16,745)	1:46:A:ASN:HD21	1:134:A:VAL:HA	13	1.38
(16,350)	1:111:A:GLU:H	1:111:A:GLU:HG2	13	1.38
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	9	1.38
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	9	1.38
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	9	1.38
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	9	1.38
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	9	1.38
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	9	1.38
(15,1634)	1:18:A:PHE:HZ	1:60:A:LEU:HA	1	1.38
(15,1499)	1:98:A:ILE:HG21	1:116:A:GLN:HG3	6	1.38
(15,1499)	1:98:A:ILE:HG22	1:116:A:GLN:HG3	6	1.38
(15,1499)	1:98:A:ILE:HG23	1:116:A:GLN:HG3	6	1.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1153)	1:13:A:ALA:HB1	1:80:A:TYR:HA	8	1.38
(15,1153)	1:13:A:ALA:HB2	1:80:A:TYR:HA	8	1.38
(15,1153)	1:13:A:ALA:HB3	1:80:A:TYR:HA	8	1.38
(15,967)	1:33:A:LYS:HB2	1:80:A:TYR:HB2	9	1.38
(15,967)	1:33:A:LYS:HB3	1:80:A:TYR:HB2	9	1.38
(15,812)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	18	1.38
(15,812)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	18	1.38
(15,812)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	18	1.38
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE21	8	1.38
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE22	8	1.38
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE21	8	1.38
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE22	8	1.38
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	16	1.38
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	16	1.38
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	16	1.38
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	16	1.38
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	16	1.38
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	16	1.38
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	16	1.38
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	16	1.38
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	16	1.38
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	16	1.38
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	16	1.38
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	16	1.38
(13,1939)	1:12:A:VAL:HG11	1:81:A:GLU:H	15	1.38
(13,1939)	1:12:A:VAL:HG12	1:81:A:GLU:H	15	1.38
(13,1939)	1:12:A:VAL:HG13	1:81:A:GLU:H	15	1.38
(13,1939)	1:12:A:VAL:HG21	1:81:A:GLU:H	15	1.38
(13,1939)	1:12:A:VAL:HG22	1:81:A:GLU:H	15	1.38
(13,1939)	1:12:A:VAL:HG23	1:81:A:GLU:H	15	1.38
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG11	18	1.38
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG12	18	1.38
(13,1350)	1:50:A:ALA:HA	1:134:A:VAL:HG13	18	1.38
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	5	1.38
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	5	1.38
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	5	1.38
(13,1131)	1:13:A:ALA:HB1	1:80:A:TYR:HA	8	1.38
(13,1131)	1:13:A:ALA:HB2	1:80:A:TYR:HA	8	1.38
(13,1131)	1:13:A:ALA:HB3	1:80:A:TYR:HA	8	1.38
(13,571)	1:148:A:CYS:HA	1:150:A:THR:H	8	1.38
(13,417)	1:100:A:ALA:H	1:119:A:LEU:HB3	16	1.38
(11,1875)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	14	1.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1875)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	14	1.38
(11,1265)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	16	1.38
(11,1265)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	16	1.38
(11,1265)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	16	1.38
(11,1265)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	16	1.38
(11,1265)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	16	1.38
(11,1265)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	16	1.38
(11,1069)	1:110:A:MET:HG2	1:114:A:ILE:HG13	13	1.38
(11,1069)	1:110:A:MET:HG3	1:114:A:ILE:HG13	13	1.38
(11,577)	1:148:A:CYS:HA	1:150:A:THR:H	8	1.38
(9,1943)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	13	1.38
(9,1943)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	13	1.38
(9,1943)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	13	1.38
(9,1943)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	13	1.38
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD2	10	1.38
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD3	10	1.38
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD21	4	1.38
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD22	4	1.38
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD23	4	1.38
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	13	1.38
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	13	1.38
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	13	1.38
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	13	1.38
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	13	1.38
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	13	1.38
(9,486)	1:147:A:ARG:HD2	1:148:A:CYS:H	3	1.38
(9,486)	1:147:A:ARG:HD3	1:148:A:CYS:H	3	1.38
(9,486)	1:147:A:ARG:HD2	1:148:A:CYS:H	7	1.38
(9,486)	1:147:A:ARG:HD3	1:148:A:CYS:H	7	1.38
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD11	14	1.38
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD12	14	1.38
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD13	14	1.38
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD21	14	1.38
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD22	14	1.38
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD23	14	1.38
(7,1611)	1:27:A:ARG:HA	1:30:A:LEU:H	2	1.38
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE1	7	1.38
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE2	7	1.38
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE3	7	1.38
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE1	7	1.38
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE2	7	1.38
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE3	7	1.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE1	7	1.38
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE2	7	1.38
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE3	7	1.38
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE1	4	1.38
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE2	4	1.38
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE3	4	1.38
(7,1133)	1:13:A:ALA:HB1	1:80:A:TYR:HA	14	1.38
(7,1133)	1:13:A:ALA:HB2	1:80:A:TYR:HA	14	1.38
(7,1133)	1:13:A:ALA:HB3	1:80:A:TYR:HA	14	1.38
(7,995)	1:79:A:THR:HG21	1:81:A:GLU:HB2	7	1.38
(7,995)	1:79:A:THR:HG22	1:81:A:GLU:HB2	7	1.38
(7,995)	1:79:A:THR:HG23	1:81:A:GLU:HB2	7	1.38
(7,995)	1:79:A:THR:HG21	1:81:A:GLU:HB2	16	1.38
(7,995)	1:79:A:THR:HG22	1:81:A:GLU:HB2	16	1.38
(7,995)	1:79:A:THR:HG23	1:81:A:GLU:HB2	16	1.38
(7,233)	1:44:A:GLU:HG3	1:48:A:ARG:H	7	1.38
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE1	4	1.38
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE2	4	1.38
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE3	4	1.38
(6,230)	1:44:A:GLU:HG3	1:48:A:ARG:H	7	1.38
(5,2127)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	16	1.38
(5,2127)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	16	1.38
(5,2127)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	16	1.38
(5,2127)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	16	1.38
(5,2127)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	16	1.38
(5,2127)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	16	1.38
(5,1880)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	14	1.38
(5,1880)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	14	1.38
(5,1670)	1:132:A:ALA:HA	1:134:A:VAL:HG11	13	1.38
(5,1670)	1:132:A:ALA:HA	1:134:A:VAL:HG12	13	1.38
(5,1670)	1:132:A:ALA:HA	1:134:A:VAL:HG13	13	1.38
(5,1319)	1:66:A:THR:HG21	1:95:A:ILE:HA	7	1.38
(5,1319)	1:66:A:THR:HG22	1:95:A:ILE:HA	7	1.38
(5,1319)	1:66:A:THR:HG23	1:95:A:ILE:HA	7	1.38
(4,1901)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	6	1.38
(4,1901)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	6	1.38
(4,1615)	1:18:A:PHE:HZ	1:60:A:LEU:HA	1	1.38
(4,1223)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	16	1.38
(4,1223)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	16	1.38
(4,1223)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	16	1.38
(4,1223)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	16	1.38
(4,1223)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	16	1.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1223)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	16	1.38
(4,1040)	1:110:A:MET:HG2	1:114:A:ILE:HG13	13	1.38
(4,1040)	1:110:A:MET:HG3	1:114:A:ILE:HG13	13	1.38
(4,225)	1:44:A:GLU:HG3	1:48:A:ARG:H	7	1.38
(3,1976)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	13	1.38
(3,1976)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	13	1.38
(3,1976)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	13	1.38
(3,1976)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	13	1.38
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	19	1.38
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	19	1.38
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	19	1.38
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	19	1.38
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	19	1.38
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	19	1.38
(3,1881)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	14	1.38
(3,1881)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	14	1.38
(3,1580)	1:40:A:LEU:HD11	1:43:A:MET:H	16	1.38
(3,1580)	1:40:A:LEU:HD12	1:43:A:MET:H	16	1.38
(3,1580)	1:40:A:LEU:HD13	1:43:A:MET:H	16	1.38
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE1	7	1.38
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE2	7	1.38
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE3	7	1.38
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE1	7	1.38
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE2	7	1.38
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE3	7	1.38
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE1	7	1.38
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE2	7	1.38
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE3	7	1.38
(3,1521)	1:114:A:ILE:HG21	1:117:A:VAL:HB	2	1.38
(3,1521)	1:114:A:ILE:HG22	1:117:A:VAL:HB	2	1.38
(3,1521)	1:114:A:ILE:HG23	1:117:A:VAL:HB	2	1.38
(3,1495)	1:67:A:PRO:HD3	1:95:A:ILE:HA	7	1.38
(3,1481)	1:13:A:ALA:HB1	1:78:A:HIS:HA	1	1.38
(3,1481)	1:13:A:ALA:HB2	1:78:A:HIS:HA	1	1.38
(3,1481)	1:13:A:ALA:HB3	1:78:A:HIS:HA	1	1.38
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG11	10	1.38
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG12	10	1.38
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG13	10	1.38
(3,1075)	1:110:A:MET:HG2	1:114:A:ILE:HG13	13	1.38
(3,1075)	1:110:A:MET:HG3	1:114:A:ILE:HG13	13	1.38
(3,425)	1:100:A:ALA:H	1:119:A:LEU:HB3	16	1.38
(2,1956)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	6	1.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1956)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	6	1.38
(2,1880)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	14	1.38
(2,1880)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	14	1.38
(2,1643)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	19	1.38
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE1	11	1.38
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE2	11	1.38
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE3	11	1.38
(2,1145)	1:13:A:ALA:HB1	1:80:A:TYR:HA	8	1.38
(2,1145)	1:13:A:ALA:HB2	1:80:A:TYR:HA	8	1.38
(2,1145)	1:13:A:ALA:HB3	1:80:A:TYR:HA	8	1.38
(2,1052)	1:110:A:MET:HG2	1:114:A:ILE:HG13	13	1.38
(2,1052)	1:110:A:MET:HG3	1:114:A:ILE:HG13	13	1.38
(1,2135)	1:43:A:MET:HA	1:134:A:VAL:HG11	13	1.38
(1,2135)	1:43:A:MET:HA	1:134:A:VAL:HG12	13	1.38
(1,2135)	1:43:A:MET:HA	1:134:A:VAL:HG13	13	1.38
(1,2135)	1:43:A:MET:HA	1:134:A:VAL:HG21	13	1.38
(1,2135)	1:43:A:MET:HA	1:134:A:VAL:HG22	13	1.38
(1,2135)	1:43:A:MET:HA	1:134:A:VAL:HG23	13	1.38
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	14	1.38
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	14	1.38
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	14	1.38
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	14	1.38
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	14	1.38
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	14	1.38
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG21	17	1.38
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG22	17	1.38
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG23	17	1.38
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG21	17	1.38
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG22	17	1.38
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG23	17	1.38
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG21	17	1.38
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG22	17	1.38
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG23	17	1.38
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG11	17	1.38
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG12	17	1.38
(1,1735)	1:20:A:THR:HG21	1:134:A:VAL:HG13	17	1.38
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG11	17	1.38
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG12	17	1.38
(1,1735)	1:20:A:THR:HG22	1:134:A:VAL:HG13	17	1.38
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG11	17	1.38
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG12	17	1.38
(1,1735)	1:20:A:THR:HG23	1:134:A:VAL:HG13	17	1.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	16	1.38
(1,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	16	1.38
(1,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	16	1.38
(1,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	16	1.38
(1,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	16	1.38
(1,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	16	1.38
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE1	7	1.38
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE2	7	1.38
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE3	7	1.38
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE1	7	1.38
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE2	7	1.38
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE3	7	1.38
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE1	7	1.38
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE2	7	1.38
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE3	7	1.38
(1,1369)	1:12:A:VAL:HG21	1:43:A:MET:HG3	10	1.38
(1,1369)	1:12:A:VAL:HG22	1:43:A:MET:HG3	10	1.38
(1,1369)	1:12:A:VAL:HG23	1:43:A:MET:HG3	10	1.38
(1,1161)	1:13:A:ALA:HB1	1:80:A:TYR:HA	14	1.38
(1,1161)	1:13:A:ALA:HB2	1:80:A:TYR:HA	14	1.38
(1,1161)	1:13:A:ALA:HB3	1:80:A:TYR:HA	14	1.38
(1,1076)	1:66:A:THR:HG21	1:95:A:ILE:HA	18	1.38
(1,1076)	1:66:A:THR:HG22	1:95:A:ILE:HA	18	1.38
(1,1076)	1:66:A:THR:HG23	1:95:A:ILE:HA	18	1.38
(1,849)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	15	1.38
(1,849)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	15	1.38
(1,849)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	15	1.38
(1,849)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	15	1.38
(1,849)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	15	1.38
(1,849)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	15	1.38
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE1	16	1.37
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE2	16	1.37
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE3	16	1.37
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE1	16	1.37
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE2	16	1.37
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE3	16	1.37
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE1	16	1.37
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE2	16	1.37
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE3	16	1.37
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE1	16	1.37
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE2	16	1.37
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE3	16	1.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE1	16	1.37
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE2	16	1.37
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE3	16	1.37
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE1	16	1.37
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE2	16	1.37
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE3	16	1.37
(34,1910)	1:18:A:PHE:HA	1:113:A:PHE:HE1	19	1.37
(34,1910)	1:18:A:PHE:HA	1:113:A:PHE:HE2	19	1.37
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD11	4	1.37
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD12	4	1.37
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD13	4	1.37
(34,572)	1:10:A:ASN:HD21	1:11:A:ILE:HB	6	1.37
(34,444)	1:143:A:TRP:H	1:144:A:LEU:HD21	16	1.37
(34,444)	1:143:A:TRP:H	1:144:A:LEU:HD22	16	1.37
(34,444)	1:143:A:TRP:H	1:144:A:LEU:HD23	16	1.37
(34,269)	1:27:A:ARG:HB3	1:29:A:LYS:H	1	1.37
(33,1944)	1:10:A:ASN:HD21	1:81:A:GLU:H	18	1.37
(33,1944)	1:10:A:ASN:HD22	1:81:A:GLU:H	18	1.37
(33,1576)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	19	1.37
(33,1576)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	19	1.37
(33,1576)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	19	1.37
(33,1576)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	19	1.37
(33,1576)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	19	1.37
(33,1576)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	19	1.37
(32,1913)	1:10:A:ASN:HD21	1:81:A:GLU:H	18	1.37
(32,1913)	1:10:A:ASN:HD22	1:81:A:GLU:H	18	1.37
(32,1811)	1:13:A:ALA:HA	1:80:A:TYR:HE1	5	1.37
(32,1811)	1:13:A:ALA:HA	1:80:A:TYR:HE2	5	1.37
(32,1236)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	7	1.37
(32,1236)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	7	1.37
(32,1236)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	7	1.37
(32,1236)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	7	1.37
(32,1236)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	7	1.37
(32,1236)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	7	1.37
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD11	2	1.37
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD12	2	1.37
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD13	2	1.37
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD21	2	1.37
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD22	2	1.37
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD23	2	1.37
(30,2058)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	11	1.37
(30,2058)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	11	1.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2058)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	11	1.37
(30,2058)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	11	1.37
(30,2058)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	11	1.37
(30,2058)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	11	1.37
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE1	5	1.37
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE2	5	1.37
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE1	5	1.37
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE2	5	1.37
(30,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	5	1.37
(30,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	5	1.37
(30,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	5	1.37
(30,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	5	1.37
(30,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	5	1.37
(30,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	5	1.37
(30,1655)	1:132:A:ALA:HA	1:134:A:VAL:HG11	7	1.37
(30,1655)	1:132:A:ALA:HA	1:134:A:VAL:HG12	7	1.37
(30,1655)	1:132:A:ALA:HA	1:134:A:VAL:HG13	7	1.37
(30,1590)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	19	1.37
(30,1590)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	19	1.37
(30,1590)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	19	1.37
(30,1590)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	19	1.37
(30,1590)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	19	1.37
(30,1590)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	19	1.37
(30,1261)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	17	1.37
(30,1261)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	17	1.37
(30,1261)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	17	1.37
(30,1261)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	17	1.37
(30,1261)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	17	1.37
(30,1261)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	17	1.37
(30,441)	1:143:A:TRP:H	1:144:A:LEU:HD21	16	1.37
(30,441)	1:143:A:TRP:H	1:144:A:LEU:HD22	16	1.37
(30,441)	1:143:A:TRP:H	1:144:A:LEU:HD23	16	1.37
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD11	2	1.37
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD12	2	1.37
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD13	2	1.37
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD21	2	1.37
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD22	2	1.37
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD23	2	1.37
(29,2138)	1:40:A:LEU:HD11	1:41:A:LYS:HA	11	1.37
(29,2138)	1:40:A:LEU:HD12	1:41:A:LYS:HA	11	1.37
(29,2138)	1:40:A:LEU:HD13	1:41:A:LYS:HA	11	1.37
(29,2138)	1:40:A:LEU:HD21	1:41:A:LYS:HA	11	1.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2138)	1:40:A:LEU:HD22	1:41:A:LYS:HA	11	1.37
(29,2138)	1:40:A:LEU:HD23	1:41:A:LYS:HA	11	1.37
(29,1674)	1:132:A:ALA:HA	1:134:A:VAL:HG11	7	1.37
(29,1674)	1:132:A:ALA:HA	1:134:A:VAL:HG12	7	1.37
(29,1674)	1:132:A:ALA:HA	1:134:A:VAL:HG13	7	1.37
(29,1098)	1:48:A:ARG:HG2	1:49:A:LYS:HA	13	1.37
(29,1098)	1:48:A:ARG:HG3	1:49:A:LYS:HA	13	1.37
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD11	17	1.37
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD12	17	1.37
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD13	17	1.37
(29,775)	1:53:A:THR:H	1:124:A:THR:HG21	14	1.37
(29,775)	1:53:A:THR:H	1:124:A:THR:HG22	14	1.37
(29,775)	1:53:A:THR:H	1:124:A:THR:HG23	14	1.37
(18,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	5	1.37
(18,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	5	1.37
(18,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	5	1.37
(18,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	5	1.37
(18,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	5	1.37
(18,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	5	1.37
(18,1946)	1:10:A:ASN:HD21	1:81:A:GLU:H	18	1.37
(18,1946)	1:10:A:ASN:HD22	1:81:A:GLU:H	18	1.37
(18,1939)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	3	1.37
(18,1939)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	3	1.37
(18,1939)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	3	1.37
(18,1939)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	3	1.37
(18,1775)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	14	1.37
(18,1775)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	14	1.37
(18,1775)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	14	1.37
(18,1775)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	14	1.37
(18,1684)	1:43:A:MET:HE1	1:131:A:LEU:HB3	1	1.37
(18,1684)	1:43:A:MET:HE2	1:131:A:LEU:HB3	1	1.37
(18,1684)	1:43:A:MET:HE3	1:131:A:LEU:HB3	1	1.37
(18,1244)	1:39:A:VAL:H	1:139:A:LEU:HD21	17	1.37
(18,1244)	1:39:A:VAL:H	1:139:A:LEU:HD22	17	1.37
(18,1244)	1:39:A:VAL:H	1:139:A:LEU:HD23	17	1.37
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	2	1.37
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	2	1.37
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	2	1.37
(18,671)	1:101:A:ILE:HB	1:103:A:ARG:H	1	1.37
(17,2073)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	19	1.37
(17,2073)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	19	1.37
(17,2073)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	19	1.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2073)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	19	1.37
(17,1657)	1:18:A:PHE:HZ	1:60:A:LEU:HA	14	1.37
(17,1604)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	19	1.37
(17,1604)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	19	1.37
(17,1604)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	19	1.37
(17,1604)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	19	1.37
(17,1604)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	19	1.37
(17,1604)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	19	1.37
(17,1401)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	15	1.37
(17,1401)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	15	1.37
(17,1401)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	15	1.37
(17,1129)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	11	1.37
(17,1129)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	11	1.37
(17,475)	1:147:A:ARG:HD2	1:148:A:CYS:H	13	1.37
(17,475)	1:147:A:ARG:HD3	1:148:A:CYS:H	13	1.37
(17,260)	1:27:A:ARG:HB3	1:29:A:LYS:H	1	1.37
(16,2491)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	2	1.37
(16,2491)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	2	1.37
(16,2491)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	2	1.37
(16,2491)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	2	1.37
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	13	1.37
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	13	1.37
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	13	1.37
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	13	1.37
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	13	1.37
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	13	1.37
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	13	1.37
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	13	1.37
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	13	1.37
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	3	1.37
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	3	1.37
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	3	1.37
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	3	1.37
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	3	1.37
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	3	1.37
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	3	1.37
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	3	1.37
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	3	1.37
(16,350)	1:111:A:GLU:H	1:111:A:GLU:HG2	2	1.37
(15,1874)	1:18:A:PHE:HE1	1:61:A:SER:H	6	1.37
(15,1874)	1:18:A:PHE:HE2	1:61:A:SER:H	6	1.37
(15,1634)	1:18:A:PHE:HZ	1:60:A:LEU:HA	14	1.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1617)	1:33:A:LYS:HA	1:80:A:TYR:HB2	1	1.37
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD21	5	1.37
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD22	5	1.37
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD23	5	1.37
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD21	11	1.37
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD22	11	1.37
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD23	11	1.37
(15,1575)	1:98:A:ILE:HD11	1:115:A:ALA:H	19	1.37
(15,1575)	1:98:A:ILE:HD12	1:115:A:ALA:H	19	1.37
(15,1575)	1:98:A:ILE:HD13	1:115:A:ALA:H	19	1.37
(15,992)	1:12:A:VAL:HB	1:40:A:LEU:H	15	1.37
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD21	3	1.37
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD22	3	1.37
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD23	3	1.37
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD21	4	1.37
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD22	4	1.37
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD23	4	1.37
(13,2468)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	2	1.37
(13,2468)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	2	1.37
(13,2468)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	2	1.37
(13,2468)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	2	1.37
(13,1596)	1:12:A:VAL:HA	1:80:A:TYR:HB3	18	1.37
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG11	3	1.37
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG12	3	1.37
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG13	3	1.37
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	2	1.37
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	2	1.37
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	2	1.37
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB1	11	1.37
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB2	11	1.37
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB3	11	1.37
(13,781)	1:11:A:ILE:HD11	1:14:A:VAL:HB	14	1.37
(13,781)	1:11:A:ILE:HD12	1:14:A:VAL:HB	14	1.37
(13,781)	1:11:A:ILE:HD13	1:14:A:VAL:HB	14	1.37
(13,434)	1:143:A:TRP:H	1:144:A:LEU:HD21	16	1.37
(13,434)	1:143:A:TRP:H	1:144:A:LEU:HD22	16	1.37
(13,434)	1:143:A:TRP:H	1:144:A:LEU:HD23	16	1.37
(11,2460)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	3	1.37
(11,2460)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	3	1.37
(11,2460)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	3	1.37
(11,2460)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	3	1.37
(11,1617)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	19	1.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1617)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	19	1.37
(11,1617)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	19	1.37
(11,1617)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	19	1.37
(11,1617)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	19	1.37
(11,1617)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	19	1.37
(11,440)	1:143:A:TRP:H	1:144:A:LEU:HD21	16	1.37
(11,440)	1:143:A:TRP:H	1:144:A:LEU:HD22	16	1.37
(11,440)	1:143:A:TRP:H	1:144:A:LEU:HD23	16	1.37
(9,750)	1:43:A:MET:HE1	1:134:A:VAL:H	5	1.37
(9,750)	1:43:A:MET:HE2	1:134:A:VAL:H	5	1.37
(9,750)	1:43:A:MET:HE3	1:134:A:VAL:H	5	1.37
(9,750)	1:43:A:MET:HE1	1:134:A:VAL:H	6	1.37
(9,750)	1:43:A:MET:HE2	1:134:A:VAL:H	6	1.37
(9,750)	1:43:A:MET:HE3	1:134:A:VAL:H	6	1.37
(9,486)	1:147:A:ARG:HD2	1:148:A:CYS:H	11	1.37
(9,486)	1:147:A:ARG:HD3	1:148:A:CYS:H	11	1.37
(7,1560)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	19	1.37
(7,1560)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	19	1.37
(7,1560)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	19	1.37
(7,1560)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	19	1.37
(7,1560)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	19	1.37
(7,1560)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	19	1.37
(7,1487)	1:43:A:MET:HE1	1:44:A:GLU:HA	16	1.37
(7,1487)	1:43:A:MET:HE2	1:44:A:GLU:HA	16	1.37
(7,1487)	1:43:A:MET:HE3	1:44:A:GLU:HA	16	1.37
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE1	18	1.37
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE2	18	1.37
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE3	18	1.37
(7,1247)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	7	1.37
(7,1247)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	7	1.37
(7,1247)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	7	1.37
(7,1247)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	7	1.37
(7,1247)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	7	1.37
(7,1247)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	7	1.37
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	3	1.37
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	3	1.37
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE1	11	1.37
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE2	11	1.37
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE1	11	1.37
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE2	11	1.37
(6,1958)	1:10:A:ASN:HD21	1:81:A:GLU:H	18	1.37
(6,1958)	1:10:A:ASN:HD22	1:81:A:GLU:H	18	1.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1848)	1:13:A:ALA:HA	1:80:A:TYR:HE1	5	1.37
(6,1848)	1:13:A:ALA:HA	1:80:A:TYR:HE2	5	1.37
(6,1587)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	19	1.37
(6,1587)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	19	1.37
(6,1587)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	19	1.37
(6,1587)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	19	1.37
(6,1587)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	19	1.37
(6,1587)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	19	1.37
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE1	18	1.37
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE2	18	1.37
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE3	18	1.37
(6,1071)	1:48:A:ARG:HG2	1:49:A:LYS:HA	13	1.37
(6,1071)	1:48:A:ARG:HG3	1:49:A:LYS:HA	13	1.37
(6,434)	1:143:A:TRP:H	1:144:A:LEU:HD21	16	1.37
(6,434)	1:143:A:TRP:H	1:144:A:LEU:HD22	16	1.37
(6,434)	1:143:A:TRP:H	1:144:A:LEU:HD23	16	1.37
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD11	16	1.37
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD12	16	1.37
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD13	16	1.37
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD21	16	1.37
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD22	16	1.37
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD23	16	1.37
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	13	1.37
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	13	1.37
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	13	1.37
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	13	1.37
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	13	1.37
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	13	1.37
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	13	1.37
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	13	1.37
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	13	1.37
(5,1670)	1:132:A:ALA:HA	1:134:A:VAL:HG11	7	1.37
(5,1670)	1:132:A:ALA:HA	1:134:A:VAL:HG12	7	1.37
(5,1670)	1:132:A:ALA:HA	1:134:A:VAL:HG13	7	1.37
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG21	2	1.37
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG22	2	1.37
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG23	2	1.37
(5,916)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	12	1.37
(5,794)	1:11:A:ILE:HD11	1:14:A:VAL:HB	14	1.37
(5,794)	1:11:A:ILE:HD12	1:14:A:VAL:HB	14	1.37
(5,794)	1:11:A:ILE:HD13	1:14:A:VAL:HB	14	1.37
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	2	1.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	2	1.37
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	2	1.37
(5,306)	1:40:A:LEU:HD11	1:43:A:MET:H	15	1.37
(5,306)	1:40:A:LEU:HD12	1:43:A:MET:H	15	1.37
(5,306)	1:40:A:LEU:HD13	1:43:A:MET:H	15	1.37
(5,257)	1:27:A:ARG:HB3	1:29:A:LYS:H	1	1.37
(4,2126)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	13	1.37
(4,2126)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	13	1.37
(4,2126)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	13	1.37
(4,2126)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	13	1.37
(4,2126)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	13	1.37
(4,2126)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	13	1.37
(4,2126)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	13	1.37
(4,2126)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	13	1.37
(4,2126)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	13	1.37
(4,2126)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	13	1.37
(4,2126)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	13	1.37
(4,2126)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	13	1.37
(4,1929)	1:10:A:ASN:HD21	1:81:A:GLU:H	18	1.37
(4,1929)	1:10:A:ASN:HD22	1:81:A:GLU:H	18	1.37
(4,1878)	1:150:A:THR:H	1:151:A:PHE:HD1	11	1.37
(4,1878)	1:150:A:THR:H	1:151:A:PHE:HD2	11	1.37
(4,1867)	1:18:A:PHE:HE1	1:61:A:SER:H	6	1.37
(4,1867)	1:18:A:PHE:HE2	1:61:A:SER:H	6	1.37
(4,1615)	1:18:A:PHE:HZ	1:60:A:LEU:HA	14	1.37
(4,1568)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	19	1.37
(4,1568)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	19	1.37
(4,1568)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	19	1.37
(4,1568)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	19	1.37
(4,1568)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	19	1.37
(4,1568)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	19	1.37
(4,1423)	1:31:A:PRO:HD3	1:144:A:LEU:HA	4	1.37
(4,1242)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	7	1.37
(4,1242)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	7	1.37
(4,1242)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	7	1.37
(4,1242)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	7	1.37
(4,1242)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	7	1.37
(4,1242)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	7	1.37
(4,1214)	1:39:A:VAL:H	1:139:A:LEU:HD21	17	1.37
(4,1214)	1:39:A:VAL:H	1:139:A:LEU:HD22	17	1.37
(4,1214)	1:39:A:VAL:H	1:139:A:LEU:HD23	17	1.37
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB1	11	1.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB2	11	1.37
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB3	11	1.37
(4,918)	1:125:A:THR:HB	1:128:A:LEU:HG	15	1.37
(4,429)	1:143:A:TRP:H	1:144:A:LEU:HD21	16	1.37
(4,429)	1:143:A:TRP:H	1:144:A:LEU:HD22	16	1.37
(4,429)	1:143:A:TRP:H	1:144:A:LEU:HD23	16	1.37
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG2	12	1.37
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG3	12	1.37
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG2	12	1.37
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG3	12	1.37
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG2	12	1.37
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG3	12	1.37
(3,1974)	1:10:A:ASN:HD21	1:81:A:GLU:H	18	1.37
(3,1974)	1:10:A:ASN:HD22	1:81:A:GLU:H	18	1.37
(3,1873)	1:13:A:ALA:HA	1:80:A:TYR:HE1	5	1.37
(3,1873)	1:13:A:ALA:HA	1:80:A:TYR:HE2	5	1.37
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD2	2	1.37
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD3	2	1.37
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD2	2	1.37
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD3	2	1.37
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD2	2	1.37
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD3	2	1.37
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD21	13	1.37
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD22	13	1.37
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD23	13	1.37
(3,1477)	1:144:A:LEU:HD11	1:145:A:PRO:HD2	17	1.37
(3,1477)	1:144:A:LEU:HD12	1:145:A:PRO:HD2	17	1.37
(3,1477)	1:144:A:LEU:HD13	1:145:A:PRO:HD2	17	1.37
(3,1155)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	1	1.37
(3,1155)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	1	1.37
(3,1155)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	1	1.37
(3,441)	1:143:A:TRP:H	1:144:A:LEU:HD21	16	1.37
(3,441)	1:143:A:TRP:H	1:144:A:LEU:HD22	16	1.37
(3,441)	1:143:A:TRP:H	1:144:A:LEU:HD23	16	1.37
(2,2076)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	19	1.37
(2,2076)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	19	1.37
(2,2076)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	19	1.37
(2,2076)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	19	1.37
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB2	10	1.37
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB3	10	1.37
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB2	10	1.37
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB3	10	1.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1645)	1:12:A:VAL:HA	1:80:A:TYR:HB3	18	1.37
(2,1458)	1:30:A:LEU:HB2	1:145:A:PRO:HD2	11	1.37
(2,1458)	1:30:A:LEU:HB3	1:145:A:PRO:HD2	11	1.37
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD21	5	1.37
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD22	5	1.37
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD23	5	1.37
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD21	5	1.37
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD22	5	1.37
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD23	5	1.37
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD21	5	1.37
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD22	5	1.37
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD23	5	1.37
(2,1110)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	11	1.37
(2,1110)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	11	1.37
(2,956)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	6	1.37
(2,956)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	6	1.37
(2,436)	1:143:A:TRP:H	1:144:A:LEU:HD21	16	1.37
(2,436)	1:143:A:TRP:H	1:144:A:LEU:HD22	16	1.37
(2,436)	1:143:A:TRP:H	1:144:A:LEU:HD23	16	1.37
(2,261)	1:27:A:ARG:HB3	1:29:A:LYS:H	1	1.37
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	12	1.37
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	12	1.37
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	12	1.37
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	12	1.37
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	12	1.37
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	12	1.37
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	12	1.37
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	12	1.37
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	12	1.37
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	12	1.37
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	12	1.37
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	12	1.37
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	3	1.37
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	3	1.37
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	3	1.37
(1,1595)	1:98:A:ILE:HD11	1:115:A:ALA:H	19	1.37
(1,1595)	1:98:A:ILE:HD12	1:115:A:ALA:H	19	1.37
(1,1595)	1:98:A:ILE:HD13	1:115:A:ALA:H	19	1.37
(1,1516)	1:43:A:MET:HE1	1:44:A:GLU:HA	18	1.37
(1,1516)	1:43:A:MET:HE2	1:44:A:GLU:HA	18	1.37
(1,1516)	1:43:A:MET:HE3	1:44:A:GLU:HA	18	1.37
(1,1271)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	7	1.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1271)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	7	1.37
(1,1271)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	7	1.37
(1,1271)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	7	1.37
(1,1271)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	7	1.37
(1,1271)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	7	1.37
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB1	11	1.37
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB2	11	1.37
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB3	11	1.37
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG11	8	1.36
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG12	8	1.36
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG13	8	1.36
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG21	8	1.36
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG22	8	1.36
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG23	8	1.36
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE1	11	1.36
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE2	11	1.36
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE3	11	1.36
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE1	11	1.36
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE2	11	1.36
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE3	11	1.36
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE1	11	1.36
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE2	11	1.36
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE3	11	1.36
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE1	11	1.36
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE2	11	1.36
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE3	11	1.36
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE1	11	1.36
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE2	11	1.36
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE3	11	1.36
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE1	11	1.36
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE2	11	1.36
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE3	11	1.36
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE1	12	1.36
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE2	12	1.36
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE3	12	1.36
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE1	12	1.36
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE2	12	1.36
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE3	12	1.36
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE1	12	1.36
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE2	12	1.36
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE3	12	1.36
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE1	12	1.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE2	12	1.36
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE3	12	1.36
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE1	12	1.36
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE2	12	1.36
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE3	12	1.36
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE1	12	1.36
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE2	12	1.36
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE3	12	1.36
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	1	1.36
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	1	1.36
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	1	1.36
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	1	1.36
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	1	1.36
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	1	1.36
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	1	1.36
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	1	1.36
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	1	1.36
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	1	1.36
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	1	1.36
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	1	1.36
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD11	6	1.36
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD12	6	1.36
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD13	6	1.36
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD21	6	1.36
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD22	6	1.36
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD23	6	1.36
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	18	1.36
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	18	1.36
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	18	1.36
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	18	1.36
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	18	1.36
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	18	1.36
(34,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	9	1.36
(34,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	9	1.36
(34,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	9	1.36
(34,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	9	1.36
(34,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	9	1.36
(34,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	9	1.36
(34,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	9	1.36
(34,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	9	1.36
(34,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	9	1.36
(34,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	9	1.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	9	1.36
(34,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	9	1.36
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	17	1.36
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	17	1.36
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	17	1.36
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	17	1.36
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	17	1.36
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	17	1.36
(34,1640)	1:13:A:ALA:HA	1:80:A:TYR:HB3	9	1.36
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD21	5	1.36
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD22	5	1.36
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD23	5	1.36
(34,1094)	1:66:A:THR:HG21	1:95:A:ILE:HA	14	1.36
(34,1094)	1:66:A:THR:HG22	1:95:A:ILE:HA	14	1.36
(34,1094)	1:66:A:THR:HG23	1:95:A:ILE:HA	14	1.36
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD2	10	1.36
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD3	10	1.36
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD11	12	1.36
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD12	12	1.36
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD13	12	1.36
(33,2137)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	13	1.36
(33,2137)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	13	1.36
(33,2137)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	13	1.36
(33,2137)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	13	1.36
(33,2137)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	13	1.36
(33,2137)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	13	1.36
(33,2137)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	13	1.36
(33,2137)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	13	1.36
(33,2137)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	13	1.36
(33,2137)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	13	1.36
(33,2137)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	13	1.36
(33,2137)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	13	1.36
(33,2040)	1:23:A:LEU:HD11	1:26:A:ASP:HA	14	1.36
(33,2040)	1:23:A:LEU:HD12	1:26:A:ASP:HA	14	1.36
(33,2040)	1:23:A:LEU:HD13	1:26:A:ASP:HA	14	1.36
(33,2040)	1:23:A:LEU:HD21	1:26:A:ASP:HA	14	1.36
(33,2040)	1:23:A:LEU:HD22	1:26:A:ASP:HA	14	1.36
(33,2040)	1:23:A:LEU:HD23	1:26:A:ASP:HA	14	1.36
(33,1863)	1:9:A:PHE:HE1	1:14:A:VAL:HB	19	1.36
(33,1863)	1:9:A:PHE:HE2	1:14:A:VAL:HB	19	1.36
(33,1388)	1:19:A:ALA:HB1	1:132:A:ALA:HA	8	1.36
(33,1388)	1:19:A:ALA:HB2	1:132:A:ALA:HA	8	1.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1388)	1:19:A:ALA:HB3	1:132:A:ALA:HA	8	1.36
(33,1329)	1:106:A:ASP:HA	1:112:A:GLN:HE21	18	1.36
(33,148)	1:131:A:LEU:H	1:131:A:LEU:HG	13	1.36
(32,2043)	1:32:A:GLY:HA2	1:34:A:LYS:H	16	1.36
(32,2043)	1:32:A:GLY:HA3	1:34:A:LYS:H	16	1.36
(32,2007)	1:23:A:LEU:HD11	1:26:A:ASP:HA	14	1.36
(32,2007)	1:23:A:LEU:HD12	1:26:A:ASP:HA	14	1.36
(32,2007)	1:23:A:LEU:HD13	1:26:A:ASP:HA	14	1.36
(32,2007)	1:23:A:LEU:HD21	1:26:A:ASP:HA	14	1.36
(32,2007)	1:23:A:LEU:HD22	1:26:A:ASP:HA	14	1.36
(32,2007)	1:23:A:LEU:HD23	1:26:A:ASP:HA	14	1.36
(32,1813)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	12	1.36
(32,1813)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	12	1.36
(32,1813)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	12	1.36
(32,1813)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	12	1.36
(32,1297)	1:106:A:ASP:HA	1:112:A:GLN:HE21	18	1.36
(32,1259)	1:66:A:THR:HG21	1:96:A:VAL:H	4	1.36
(32,1259)	1:66:A:THR:HG22	1:96:A:VAL:H	4	1.36
(32,1259)	1:66:A:THR:HG23	1:96:A:VAL:H	4	1.36
(32,146)	1:131:A:LEU:H	1:131:A:LEU:HG	13	1.36
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB1	3	1.36
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB2	3	1.36
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB3	3	1.36
(30,755)	1:37:A:LEU:H	1:40:A:LEU:HB3	15	1.36
(30,561)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	8	1.36
(30,12)	1:64:A:LYS:H	1:116:A:GLN:HG2	3	1.36
(29,2143)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	13	1.36
(29,2143)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	13	1.36
(29,2143)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	13	1.36
(29,2143)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	13	1.36
(29,2143)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	13	1.36
(29,2143)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	13	1.36
(29,2143)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	13	1.36
(29,2143)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	13	1.36
(29,2143)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	13	1.36
(29,2143)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	13	1.36
(29,2143)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	13	1.36
(29,2143)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	13	1.36
(29,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	9	1.36
(29,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	9	1.36
(29,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	9	1.36
(29,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	9	1.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	9	1.36
(29,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	9	1.36
(29,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	9	1.36
(29,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	9	1.36
(29,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	9	1.36
(29,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	9	1.36
(29,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	9	1.36
(29,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	9	1.36
(29,1729)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	15	1.36
(29,1713)	1:52:A:CYS:HA	1:124:A:THR:HB	14	1.36
(29,1479)	1:45:A:ALA:HB1	1:49:A:LYS:HE2	17	1.36
(29,1479)	1:45:A:ALA:HB1	1:49:A:LYS:HE3	17	1.36
(29,1479)	1:45:A:ALA:HB2	1:49:A:LYS:HE2	17	1.36
(29,1479)	1:45:A:ALA:HB2	1:49:A:LYS:HE3	17	1.36
(29,1479)	1:45:A:ALA:HB3	1:49:A:LYS:HE2	17	1.36
(29,1479)	1:45:A:ALA:HB3	1:49:A:LYS:HE3	17	1.36
(29,1040)	1:8:A:ASP:H	1:58:A:ILE:HG12	10	1.36
(29,564)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	8	1.36
(18,1970)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	9	1.36
(18,1970)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	9	1.36
(18,1970)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	9	1.36
(18,1970)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	9	1.36
(18,1970)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	9	1.36
(18,1970)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	9	1.36
(18,1970)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	9	1.36
(18,1970)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	9	1.36
(18,1970)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	9	1.36
(18,1970)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	9	1.36
(18,1970)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	9	1.36
(18,1970)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	9	1.36
(18,1697)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	15	1.36
(18,1286)	1:66:A:THR:HG21	1:96:A:VAL:H	4	1.36
(18,1286)	1:66:A:THR:HG22	1:96:A:VAL:H	4	1.36
(18,1286)	1:66:A:THR:HG23	1:96:A:VAL:H	4	1.36
(18,1235)	1:79:A:THR:HG21	1:81:A:GLU:HA	12	1.36
(18,1235)	1:79:A:THR:HG22	1:81:A:GLU:HA	12	1.36
(18,1235)	1:79:A:THR:HG23	1:81:A:GLU:HA	12	1.36
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB1	3	1.36
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB2	3	1.36
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB3	3	1.36
(18,931)	1:108:A:GLU:HG3	1:112:A:GLN:H	7	1.36
(17,1968)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	5	1.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1968)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	5	1.36
(17,1968)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	5	1.36
(17,1968)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	5	1.36
(17,1968)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	5	1.36
(17,1968)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	5	1.36
(17,1968)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	5	1.36
(17,1968)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	5	1.36
(17,1968)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	5	1.36
(17,1968)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	5	1.36
(17,1968)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	5	1.36
(17,1968)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	5	1.36
(17,1493)	1:45:A:ALA:HB1	1:49:A:LYS:HE2	17	1.36
(17,1493)	1:45:A:ALA:HB1	1:49:A:LYS:HE3	17	1.36
(17,1493)	1:45:A:ALA:HB2	1:49:A:LYS:HE2	17	1.36
(17,1493)	1:45:A:ALA:HB2	1:49:A:LYS:HE3	17	1.36
(17,1493)	1:45:A:ALA:HB3	1:49:A:LYS:HE2	17	1.36
(17,1493)	1:45:A:ALA:HB3	1:49:A:LYS:HE3	17	1.36
(17,992)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	12	1.36
(17,992)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	12	1.36
(17,475)	1:147:A:ARG:HD2	1:148:A:CYS:H	3	1.36
(17,475)	1:147:A:ARG:HD3	1:148:A:CYS:H	3	1.36
(17,475)	1:147:A:ARG:HD2	1:148:A:CYS:H	7	1.36
(17,475)	1:147:A:ARG:HD3	1:148:A:CYS:H	7	1.36
(16,2339)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	15	1.36
(16,2339)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	15	1.36
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD11	18	1.36
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD12	18	1.36
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD13	18	1.36
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD21	18	1.36
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD22	18	1.36
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD23	18	1.36
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD11	18	1.36
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD12	18	1.36
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD13	18	1.36
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD21	18	1.36
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD22	18	1.36
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD23	18	1.36
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD11	10	1.36
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD12	10	1.36
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD13	10	1.36
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD21	10	1.36
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD22	10	1.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD23	10	1.36
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG21	6	1.36
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG22	6	1.36
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG23	6	1.36
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD11	12	1.36
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD12	12	1.36
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD13	12	1.36
(16,152)	1:131:A:LEU:H	1:131:A:LEU:HG	13	1.36
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD11	19	1.36
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD12	19	1.36
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD13	19	1.36
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD21	19	1.36
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD22	19	1.36
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD23	19	1.36
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD11	19	1.36
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD12	19	1.36
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD13	19	1.36
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD21	19	1.36
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD22	19	1.36
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD23	19	1.36
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD11	19	1.36
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD12	19	1.36
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD13	19	1.36
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD21	19	1.36
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD22	19	1.36
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD23	19	1.36
(15,1327)	1:106:A:ASP:HA	1:112:A:GLN:HE21	18	1.36
(15,762)	1:13:A:ALA:HB1	1:34:A:LYS:H	12	1.36
(15,762)	1:13:A:ALA:HB2	1:34:A:LYS:H	12	1.36
(15,762)	1:13:A:ALA:HB3	1:34:A:LYS:H	12	1.36
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD21	11	1.36
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD22	11	1.36
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD23	11	1.36
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	9	1.36
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	9	1.36
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	9	1.36
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	9	1.36
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	9	1.36
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	9	1.36
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	9	1.36
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	9	1.36
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	9	1.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	9	1.36
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	9	1.36
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	9	1.36
(13,1931)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	9	1.36
(13,1931)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	9	1.36
(13,1931)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	9	1.36
(13,1931)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	9	1.36
(13,1931)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	9	1.36
(13,1931)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	9	1.36
(13,1931)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	9	1.36
(13,1931)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	9	1.36
(13,1931)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	9	1.36
(13,1931)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	9	1.36
(13,1931)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	9	1.36
(13,1931)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	9	1.36
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD21	5	1.36
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD22	5	1.36
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD23	5	1.36
(11,2177)	1:46:A:ASN:HD21	1:131:A:LEU:HA	14	1.36
(11,2177)	1:46:A:ASN:HD22	1:131:A:LEU:HA	14	1.36
(11,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	19	1.36
(11,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	19	1.36
(11,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	19	1.36
(11,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	19	1.36
(11,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	19	1.36
(11,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	19	1.36
(11,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	19	1.36
(11,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	19	1.36
(11,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	19	1.36
(11,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	19	1.36
(11,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	19	1.36
(11,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	19	1.36
(11,2055)	1:23:A:LEU:HD11	1:26:A:ASP:HA	14	1.36
(11,2055)	1:23:A:LEU:HD12	1:26:A:ASP:HA	14	1.36
(11,2055)	1:23:A:LEU:HD13	1:26:A:ASP:HA	14	1.36
(11,2055)	1:23:A:LEU:HD21	1:26:A:ASP:HA	14	1.36
(11,2055)	1:23:A:LEU:HD22	1:26:A:ASP:HA	14	1.36
(11,2055)	1:23:A:LEU:HD23	1:26:A:ASP:HA	14	1.36
(11,1968)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	11	1.36
(11,1968)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	11	1.36
(11,1968)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	11	1.36
(11,1968)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	11	1.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1451)	1:13:A:ALA:HB1	1:78:A:HIS:HA	5	1.36
(9,1451)	1:13:A:ALA:HB2	1:78:A:HIS:HA	5	1.36
(9,1451)	1:13:A:ALA:HB3	1:78:A:HIS:HA	5	1.36
(9,1247)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	16	1.36
(9,1247)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	16	1.36
(9,1247)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	16	1.36
(9,1247)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	16	1.36
(9,1247)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	16	1.36
(9,1247)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	16	1.36
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD11	4	1.36
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD12	4	1.36
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD13	4	1.36
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD21	4	1.36
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD22	4	1.36
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD23	4	1.36
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD11	4	1.36
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD12	4	1.36
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD13	4	1.36
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD21	4	1.36
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD22	4	1.36
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD23	4	1.36
(7,1826)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	3	1.36
(7,1675)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	15	1.36
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	19	1.36
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	19	1.36
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	19	1.36
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD11	13	1.36
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD12	13	1.36
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD13	13	1.36
(7,952)	1:43:A:MET:HB2	1:140:A:LEU:HD11	9	1.36
(7,952)	1:43:A:MET:HB2	1:140:A:LEU:HD12	9	1.36
(7,952)	1:43:A:MET:HB2	1:140:A:LEU:HD13	9	1.36
(7,442)	1:68:A:LYS:H	1:70:A:LYS:HG3	14	1.36
(7,150)	1:131:A:LEU:H	1:131:A:LEU:HG	13	1.36
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	6	1.36
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	6	1.36
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	6	1.36
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	6	1.36
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	6	1.36
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	6	1.36
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	6	1.36
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	6	1.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	6	1.36
(6,1465)	1:67:A:PRO:HD3	1:95:A:ILE:HA	17	1.36
(5,1981)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	11	1.36
(5,1981)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	11	1.36
(5,1981)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	11	1.36
(5,1981)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	11	1.36
(5,1981)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	11	1.36
(5,1981)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	11	1.36
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	8	1.36
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	8	1.36
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	8	1.36
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	8	1.36
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	8	1.36
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	8	1.36
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	8	1.36
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	8	1.36
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	8	1.36
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG21	9	1.36
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG22	9	1.36
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG23	9	1.36
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG2	4	1.36
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG3	4	1.36
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG2	4	1.36
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG3	4	1.36
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG2	4	1.36
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG3	4	1.36
(5,562)	1:63:A:ILE:HG21	1:116:A:GLN:H	17	1.36
(5,562)	1:63:A:ILE:HG22	1:116:A:GLN:H	17	1.36
(5,562)	1:63:A:ILE:HG23	1:116:A:GLN:H	17	1.36
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD11	12	1.36
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD12	12	1.36
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD13	12	1.36
(4,2062)	1:34:A:LYS:H	1:81:A:GLU:HB2	6	1.36
(4,2062)	1:34:A:LYS:H	1:81:A:GLU:HB3	6	1.36
(4,1833)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	3	1.36
(4,1822)	1:13:A:ALA:HA	1:80:A:TYR:HE1	16	1.36
(4,1822)	1:13:A:ALA:HA	1:80:A:TYR:HE2	16	1.36
(4,918)	1:125:A:THR:HB	1:128:A:LEU:HG	7	1.36
(4,147)	1:131:A:LEU:H	1:131:A:LEU:HG	13	1.36
(3,2087)	1:32:A:GLY:HA2	1:81:A:GLU:H	3	1.36
(3,2087)	1:32:A:GLY:HA3	1:81:A:GLU:H	3	1.36
(3,1875)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	10	1.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1875)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	10	1.36
(3,1875)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	10	1.36
(3,1875)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	10	1.36
(3,1576)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	16	1.36
(3,1576)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	16	1.36
(3,1576)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	16	1.36
(3,1407)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	10	1.36
(3,1407)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	10	1.36
(3,1407)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	10	1.36
(3,1228)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	15	1.36
(3,1228)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	15	1.36
(3,1228)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	15	1.36
(3,1228)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	15	1.36
(3,1228)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	15	1.36
(3,1228)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	15	1.36
(3,149)	1:131:A:LEU:H	1:131:A:LEU:HG	13	1.36
(2,2141)	1:40:A:LEU:HD11	1:41:A:LYS:HA	19	1.36
(2,2141)	1:40:A:LEU:HD12	1:41:A:LYS:HA	19	1.36
(2,2141)	1:40:A:LEU:HD13	1:41:A:LYS:HA	19	1.36
(2,2141)	1:40:A:LEU:HD21	1:41:A:LYS:HA	19	1.36
(2,2141)	1:40:A:LEU:HD22	1:41:A:LYS:HA	19	1.36
(2,2141)	1:40:A:LEU:HD23	1:41:A:LYS:HA	19	1.36
(2,2057)	1:23:A:LEU:HD11	1:26:A:ASP:HA	14	1.36
(2,2057)	1:23:A:LEU:HD12	1:26:A:ASP:HA	14	1.36
(2,2057)	1:23:A:LEU:HD13	1:26:A:ASP:HA	14	1.36
(2,2057)	1:23:A:LEU:HD21	1:26:A:ASP:HA	14	1.36
(2,2057)	1:23:A:LEU:HD22	1:26:A:ASP:HA	14	1.36
(2,2057)	1:23:A:LEU:HD23	1:26:A:ASP:HA	14	1.36
(2,1804)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	15	1.36
(2,1804)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	15	1.36
(2,1136)	1:10:A:ASN:HD22	1:80:A:TYR:HA	9	1.36
(2,956)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	10	1.36
(2,956)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	10	1.36
(2,560)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	8	1.36
(2,54)	1:47:A:ALA:H	1:134:A:VAL:HG21	4	1.36
(2,54)	1:47:A:ALA:H	1:134:A:VAL:HG22	4	1.36
(2,54)	1:47:A:ALA:H	1:134:A:VAL:HG23	4	1.36
(1,1794)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	15	1.36
(1,1794)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	15	1.36
(1,1722)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	15	1.36
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	8	1.36
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	8	1.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	8	1.36
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	8	1.36
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	8	1.36
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	8	1.36
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	8	1.36
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	8	1.36
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	8	1.36
(1,1639)	1:13:A:ALA:HA	1:80:A:TYR:HB3	9	1.36
(1,1332)	1:106:A:ASP:HA	1:112:A:GLN:HE21	18	1.36
(1,160)	1:131:A:LEU:H	1:131:A:LEU:HG	13	1.36
(34,1982)	1:12:A:VAL:HG11	1:81:A:GLU:H	8	1.35
(34,1982)	1:12:A:VAL:HG12	1:81:A:GLU:H	8	1.35
(34,1982)	1:12:A:VAL:HG13	1:81:A:GLU:H	8	1.35
(34,1982)	1:12:A:VAL:HG21	1:81:A:GLU:H	8	1.35
(34,1982)	1:12:A:VAL:HG22	1:81:A:GLU:H	8	1.35
(34,1982)	1:12:A:VAL:HG23	1:81:A:GLU:H	8	1.35
(34,1909)	1:150:A:THR:H	1:151:A:PHE:HD1	11	1.35
(34,1909)	1:150:A:THR:H	1:151:A:PHE:HD2	11	1.35
(34,1578)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	1.35
(34,1578)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	1.35
(34,1578)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	1.35
(34,1578)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	1.35
(34,1578)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	1.35
(34,1578)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	1.35
(34,876)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	5	1.35
(34,876)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	5	1.35
(34,876)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	5	1.35
(34,444)	1:143:A:TRP:H	1:144:A:LEU:HD21	14	1.35
(34,444)	1:143:A:TRP:H	1:144:A:LEU:HD22	14	1.35
(34,444)	1:143:A:TRP:H	1:144:A:LEU:HD23	14	1.35
(34,381)	1:41:A:LYS:H	1:44:A:GLU:HG2	11	1.35
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD11	19	1.35
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD12	19	1.35
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD13	19	1.35
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD21	19	1.35
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD22	19	1.35
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD23	19	1.35
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	10	1.35
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	10	1.35
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	10	1.35
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	10	1.35
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	10	1.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	10	1.35
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	10	1.35
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	10	1.35
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	10	1.35
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	10	1.35
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	10	1.35
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	10	1.35
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG21	14	1.35
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG22	14	1.35
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG23	14	1.35
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	15	1.35
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	15	1.35
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	15	1.35
(33,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	6	1.35
(32,2236)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	14	1.35
(32,2236)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	14	1.35
(32,2043)	1:32:A:GLY:HA2	1:34:A:LYS:H	4	1.35
(32,2043)	1:32:A:GLY:HA3	1:34:A:LYS:H	4	1.35
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD11	19	1.35
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD12	19	1.35
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD13	19	1.35
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD21	19	1.35
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD22	19	1.35
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD23	19	1.35
(32,1869)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	1	1.35
(32,1869)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	1	1.35
(32,1869)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	1	1.35
(32,1869)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	1	1.35
(32,1721)	1:140:A:LEU:HD21	1:143:A:TRP:HD1	10	1.35
(32,1721)	1:140:A:LEU:HD22	1:143:A:TRP:HD1	10	1.35
(32,1721)	1:140:A:LEU:HD23	1:143:A:TRP:HD1	10	1.35
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG21	14	1.35
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG22	14	1.35
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG23	14	1.35
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG21	11	1.35
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG22	11	1.35
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG23	11	1.35
(32,1084)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	9	1.35
(32,1084)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	9	1.35
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD11	16	1.35
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD12	16	1.35
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD13	16	1.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD21	16	1.35
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD22	16	1.35
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD23	16	1.35
(30,2242)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	14	1.35
(30,2242)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	14	1.35
(30,2142)	1:40:A:LEU:HD11	1:41:A:LYS:HA	19	1.35
(30,2142)	1:40:A:LEU:HD12	1:41:A:LYS:HA	19	1.35
(30,2142)	1:40:A:LEU:HD13	1:41:A:LYS:HA	19	1.35
(30,2142)	1:40:A:LEU:HD21	1:41:A:LYS:HA	19	1.35
(30,2142)	1:40:A:LEU:HD22	1:41:A:LYS:HA	19	1.35
(30,2142)	1:40:A:LEU:HD23	1:41:A:LYS:HA	19	1.35
(30,1166)	1:140:A:LEU:HD21	1:144:A:LEU:H	6	1.35
(30,1166)	1:140:A:LEU:HD22	1:144:A:LEU:H	6	1.35
(30,1166)	1:140:A:LEU:HD23	1:144:A:LEU:H	6	1.35
(30,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	6	1.35
(30,441)	1:143:A:TRP:H	1:144:A:LEU:HD21	14	1.35
(30,441)	1:143:A:TRP:H	1:144:A:LEU:HD22	14	1.35
(30,441)	1:143:A:TRP:H	1:144:A:LEU:HD23	14	1.35
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD11	16	1.35
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD12	16	1.35
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD13	16	1.35
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD21	16	1.35
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD22	16	1.35
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD23	16	1.35
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD11	16	1.35
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD12	16	1.35
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD13	16	1.35
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD21	16	1.35
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD22	16	1.35
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD23	16	1.35
(29,1920)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	11	1.35
(29,1920)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	11	1.35
(29,1680)	1:69:A:MET:HE1	1:116:A:GLN:HG3	4	1.35
(29,1680)	1:69:A:MET:HE2	1:116:A:GLN:HG3	4	1.35
(29,1680)	1:69:A:MET:HE3	1:116:A:GLN:HG3	4	1.35
(29,1638)	1:79:A:THR:HB	1:80:A:TYR:HB2	8	1.35
(29,1273)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	9	1.35
(29,1273)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	9	1.35
(29,1273)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	9	1.35
(29,1273)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	9	1.35
(29,1273)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	9	1.35
(29,1273)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	9	1.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1027)	1:34:A:LYS:H	1:81:A:GLU:HB2	6	1.35
(29,847)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	1	1.35
(29,847)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	1	1.35
(29,847)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	1	1.35
(29,847)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	1	1.35
(29,847)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	1	1.35
(29,847)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	1	1.35
(29,775)	1:53:A:THR:H	1:124:A:THR:HG21	15	1.35
(29,775)	1:53:A:THR:H	1:124:A:THR:HG22	15	1.35
(29,775)	1:53:A:THR:H	1:124:A:THR:HG23	15	1.35
(29,626)	1:35:A:LEU:H	1:80:A:TYR:HB2	6	1.35
(20,9)	1:56:A:CYS:SG	1:127:A:CYS:SG	10	1.35
(19,7)	1:123:A:CYS:SG	1:56:A:CYS:CB	11	1.35
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD11	1	1.35
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD12	1	1.35
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD13	1	1.35
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD21	1	1.35
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD22	1	1.35
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD23	1	1.35
(18,1892)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	11	1.35
(18,1892)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	11	1.35
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD1	9	1.35
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD2	9	1.35
(18,1774)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	16	1.35
(18,1774)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	16	1.35
(18,1774)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	16	1.35
(18,1774)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	16	1.35
(18,1774)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	16	1.35
(18,1774)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	16	1.35
(18,1544)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	1.35
(18,1544)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	1.35
(18,1544)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	1.35
(18,1544)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	1.35
(18,1544)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	1.35
(18,1544)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	1.35
(18,1235)	1:79:A:THR:HG21	1:81:A:GLU:HA	8	1.35
(18,1235)	1:79:A:THR:HG22	1:81:A:GLU:HA	8	1.35
(18,1235)	1:79:A:THR:HG23	1:81:A:GLU:HA	8	1.35
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE1	11	1.35
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE2	11	1.35
(17,1019)	1:34:A:LYS:H	1:81:A:GLU:HB2	6	1.35
(17,931)	1:125:A:THR:HB	1:128:A:LEU:HG	3	1.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,475)	1:147:A:ARG:HD2	1:148:A:CYS:H	11	1.35
(17,475)	1:147:A:ARG:HD3	1:148:A:CYS:H	11	1.35
(17,154)	1:67:A:PRO:HD3	1:95:A:ILE:H	13	1.35
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD21	4	1.35
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD22	4	1.35
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD21	4	1.35
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD22	4	1.35
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD21	4	1.35
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD22	4	1.35
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD11	19	1.35
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD12	19	1.35
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD13	19	1.35
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD21	19	1.35
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD22	19	1.35
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD23	19	1.35
(16,1637)	1:132:A:ALA:HB1	1:134:A:VAL:HG21	8	1.35
(16,1637)	1:132:A:ALA:HB1	1:134:A:VAL:HG22	8	1.35
(16,1637)	1:132:A:ALA:HB1	1:134:A:VAL:HG23	8	1.35
(16,1637)	1:132:A:ALA:HB2	1:134:A:VAL:HG21	8	1.35
(16,1637)	1:132:A:ALA:HB2	1:134:A:VAL:HG22	8	1.35
(16,1637)	1:132:A:ALA:HB2	1:134:A:VAL:HG23	8	1.35
(16,1637)	1:132:A:ALA:HB3	1:134:A:VAL:HG21	8	1.35
(16,1637)	1:132:A:ALA:HB3	1:134:A:VAL:HG22	8	1.35
(16,1637)	1:132:A:ALA:HB3	1:134:A:VAL:HG23	8	1.35
(16,1637)	1:132:A:ALA:HB1	1:134:A:VAL:HG21	11	1.35
(16,1637)	1:132:A:ALA:HB1	1:134:A:VAL:HG22	11	1.35
(16,1637)	1:132:A:ALA:HB1	1:134:A:VAL:HG23	11	1.35
(16,1637)	1:132:A:ALA:HB2	1:134:A:VAL:HG21	11	1.35
(16,1637)	1:132:A:ALA:HB2	1:134:A:VAL:HG22	11	1.35
(16,1637)	1:132:A:ALA:HB2	1:134:A:VAL:HG23	11	1.35
(16,1637)	1:132:A:ALA:HB3	1:134:A:VAL:HG21	11	1.35
(16,1637)	1:132:A:ALA:HB3	1:134:A:VAL:HG22	11	1.35
(16,1637)	1:132:A:ALA:HB3	1:134:A:VAL:HG23	11	1.35
(16,1637)	1:132:A:ALA:HB1	1:134:A:VAL:HG21	12	1.35
(16,1637)	1:132:A:ALA:HB1	1:134:A:VAL:HG22	12	1.35
(16,1637)	1:132:A:ALA:HB1	1:134:A:VAL:HG23	12	1.35
(16,1637)	1:132:A:ALA:HB2	1:134:A:VAL:HG21	12	1.35
(16,1637)	1:132:A:ALA:HB2	1:134:A:VAL:HG22	12	1.35
(16,1637)	1:132:A:ALA:HB2	1:134:A:VAL:HG23	12	1.35
(16,1637)	1:132:A:ALA:HB3	1:134:A:VAL:HG21	12	1.35
(16,1637)	1:132:A:ALA:HB3	1:134:A:VAL:HG22	12	1.35
(16,1637)	1:132:A:ALA:HB3	1:134:A:VAL:HG23	12	1.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1637)	1:132:A:ALA:HB1	1:134:A:VAL:HG21	15	1.35
(16,1637)	1:132:A:ALA:HB1	1:134:A:VAL:HG22	15	1.35
(16,1637)	1:132:A:ALA:HB1	1:134:A:VAL:HG23	15	1.35
(16,1637)	1:132:A:ALA:HB2	1:134:A:VAL:HG21	15	1.35
(16,1637)	1:132:A:ALA:HB2	1:134:A:VAL:HG22	15	1.35
(16,1637)	1:132:A:ALA:HB2	1:134:A:VAL:HG23	15	1.35
(16,1637)	1:132:A:ALA:HB3	1:134:A:VAL:HG21	15	1.35
(16,1637)	1:132:A:ALA:HB3	1:134:A:VAL:HG22	15	1.35
(16,1637)	1:132:A:ALA:HB3	1:134:A:VAL:HG23	15	1.35
(16,626)	1:35:A:LEU:H	1:80:A:TYR:HB2	6	1.35
(15,2411)	1:129:A:LYS:HG2	1:130:A:GLY:HA2	19	1.35
(15,2411)	1:129:A:LYS:HG3	1:130:A:GLY:HA2	19	1.35
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG2	14	1.35
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG3	14	1.35
(15,2220)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	14	1.35
(15,2220)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	14	1.35
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD21	15	1.35
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD22	15	1.35
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD23	15	1.35
(15,267)	1:27:A:ARG:HB3	1:29:A:LYS:H	17	1.35
(13,2208)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	14	1.35
(13,2208)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	14	1.35
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD11	1	1.35
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD12	1	1.35
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD13	1	1.35
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD21	1	1.35
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD22	1	1.35
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD23	1	1.35
(13,1939)	1:12:A:VAL:HG11	1:81:A:GLU:H	8	1.35
(13,1939)	1:12:A:VAL:HG12	1:81:A:GLU:H	8	1.35
(13,1939)	1:12:A:VAL:HG13	1:81:A:GLU:H	8	1.35
(13,1939)	1:12:A:VAL:HG21	1:81:A:GLU:H	8	1.35
(13,1939)	1:12:A:VAL:HG22	1:81:A:GLU:H	8	1.35
(13,1939)	1:12:A:VAL:HG23	1:81:A:GLU:H	8	1.35
(13,1674)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	4	1.35
(13,1674)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	4	1.35
(13,1533)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	1.35
(13,1533)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	1.35
(13,1533)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	1.35
(13,1533)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	1.35
(13,1533)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	1.35
(13,1533)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	1.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,905)	1:125:A:THR:HB	1:128:A:LEU:HG	3	1.35
(13,434)	1:143:A:TRP:H	1:144:A:LEU:HD21	14	1.35
(13,434)	1:143:A:TRP:H	1:144:A:LEU:HD22	14	1.35
(13,434)	1:143:A:TRP:H	1:144:A:LEU:HD23	14	1.35
(11,2245)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	14	1.35
(11,2245)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	14	1.35
(11,1943)	1:11:A:ILE:HD11	1:18:A:PHE:HZ	5	1.35
(11,1943)	1:11:A:ILE:HD12	1:18:A:PHE:HZ	5	1.35
(11,1943)	1:11:A:ILE:HD13	1:18:A:PHE:HZ	5	1.35
(11,1739)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	4	1.35
(11,1739)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	4	1.35
(11,1411)	1:19:A:ALA:HB1	1:21:A:THR:HG21	5	1.35
(11,1411)	1:19:A:ALA:HB1	1:21:A:THR:HG22	5	1.35
(11,1411)	1:19:A:ALA:HB1	1:21:A:THR:HG23	5	1.35
(11,1411)	1:19:A:ALA:HB2	1:21:A:THR:HG21	5	1.35
(11,1411)	1:19:A:ALA:HB2	1:21:A:THR:HG22	5	1.35
(11,1411)	1:19:A:ALA:HB2	1:21:A:THR:HG23	5	1.35
(11,1411)	1:19:A:ALA:HB3	1:21:A:THR:HG21	5	1.35
(11,1411)	1:19:A:ALA:HB3	1:21:A:THR:HG22	5	1.35
(11,1411)	1:19:A:ALA:HB3	1:21:A:THR:HG23	5	1.35
(11,1025)	1:34:A:LYS:H	1:81:A:GLU:HB2	6	1.35
(11,622)	1:35:A:LEU:H	1:80:A:TYR:HB2	6	1.35
(11,440)	1:143:A:TRP:H	1:144:A:LEU:HD21	14	1.35
(11,440)	1:143:A:TRP:H	1:144:A:LEU:HD22	14	1.35
(11,440)	1:143:A:TRP:H	1:144:A:LEU:HD23	14	1.35
(9,2001)	1:17:A:ASN:HD21	1:78:A:HIS:H	5	1.35
(9,2001)	1:17:A:ASN:HD22	1:78:A:HIS:H	5	1.35
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE1	11	1.35
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE2	11	1.35
(9,1554)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	1.35
(9,1554)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	1.35
(9,1554)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	1.35
(9,1554)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	1.35
(9,1554)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	1.35
(9,1554)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	1.35
(9,383)	1:41:A:LYS:H	1:44:A:GLU:HG2	11	1.35
(7,2215)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	17	1.35
(7,2215)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	17	1.35
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD11	9	1.35
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD12	9	1.35
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD13	9	1.35
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD21	9	1.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD22	9	1.35
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD23	9	1.35
(7,1666)	1:43:A:MET:HE1	1:131:A:LEU:HA	5	1.35
(7,1666)	1:43:A:MET:HE2	1:131:A:LEU:HA	5	1.35
(7,1666)	1:43:A:MET:HE3	1:131:A:LEU:HA	5	1.35
(6,2028)	1:17:A:ASN:HD21	1:78:A:HIS:H	5	1.35
(6,2028)	1:17:A:ASN:HD22	1:78:A:HIS:H	5	1.35
(6,2004)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	1	1.35
(6,2004)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	1	1.35
(6,2004)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	1	1.35
(6,2004)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	1	1.35
(6,2004)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	1	1.35
(6,2004)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	1	1.35
(6,1704)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	4	1.35
(6,1704)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	4	1.35
(6,1699)	1:43:A:MET:HE1	1:131:A:LEU:HA	5	1.35
(6,1699)	1:43:A:MET:HE2	1:131:A:LEU:HA	5	1.35
(6,1699)	1:43:A:MET:HE3	1:131:A:LEU:HA	5	1.35
(6,1387)	1:19:A:ALA:HB1	1:21:A:THR:HG21	5	1.35
(6,1387)	1:19:A:ALA:HB1	1:21:A:THR:HG22	5	1.35
(6,1387)	1:19:A:ALA:HB1	1:21:A:THR:HG23	5	1.35
(6,1387)	1:19:A:ALA:HB2	1:21:A:THR:HG21	5	1.35
(6,1387)	1:19:A:ALA:HB2	1:21:A:THR:HG22	5	1.35
(6,1387)	1:19:A:ALA:HB2	1:21:A:THR:HG23	5	1.35
(6,1387)	1:19:A:ALA:HB3	1:21:A:THR:HG21	5	1.35
(6,1387)	1:19:A:ALA:HB3	1:21:A:THR:HG22	5	1.35
(6,1387)	1:19:A:ALA:HB3	1:21:A:THR:HG23	5	1.35
(6,434)	1:143:A:TRP:H	1:144:A:LEU:HD21	14	1.35
(6,434)	1:143:A:TRP:H	1:144:A:LEU:HD22	14	1.35
(6,434)	1:143:A:TRP:H	1:144:A:LEU:HD23	14	1.35
(5,2234)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	14	1.35
(5,2234)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	14	1.35
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD11	16	1.35
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD12	16	1.35
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD13	16	1.35
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD21	16	1.35
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD22	16	1.35
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD23	16	1.35
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG11	12	1.35
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG12	12	1.35
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG13	12	1.35
(5,1329)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	8	1.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1329)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	8	1.35
(5,1329)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	8	1.35
(5,1329)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	8	1.35
(5,1329)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	8	1.35
(5,1329)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	8	1.35
(5,1329)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	8	1.35
(5,1329)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	8	1.35
(5,1329)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	8	1.35
(5,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	6	1.35
(4,1677)	1:43:A:MET:HE1	1:131:A:LEU:HA	5	1.35
(4,1677)	1:43:A:MET:HE2	1:131:A:LEU:HA	5	1.35
(4,1677)	1:43:A:MET:HE3	1:131:A:LEU:HA	5	1.35
(4,429)	1:143:A:TRP:H	1:144:A:LEU:HD21	14	1.35
(4,429)	1:143:A:TRP:H	1:144:A:LEU:HD22	14	1.35
(4,429)	1:143:A:TRP:H	1:144:A:LEU:HD23	14	1.35
(4,213)	1:44:A:GLU:HG2	1:48:A:ARG:H	2	1.35
(3,2465)	1:134:A:VAL:HG11	1:137:A:SER:H	13	1.35
(3,2465)	1:134:A:VAL:HG12	1:137:A:SER:H	13	1.35
(3,2465)	1:134:A:VAL:HG13	1:137:A:SER:H	13	1.35
(3,2465)	1:134:A:VAL:HG21	1:137:A:SER:H	13	1.35
(3,2465)	1:134:A:VAL:HG22	1:137:A:SER:H	13	1.35
(3,2465)	1:134:A:VAL:HG23	1:137:A:SER:H	13	1.35
(3,1928)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	11	1.35
(3,1928)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	11	1.35
(3,1792)	1:140:A:LEU:HD21	1:143:A:TRP:HD1	10	1.35
(3,1792)	1:140:A:LEU:HD22	1:143:A:TRP:HD1	10	1.35
(3,1792)	1:140:A:LEU:HD23	1:143:A:TRP:HD1	10	1.35
(3,1729)	1:43:A:MET:HE1	1:131:A:LEU:HA	5	1.35
(3,1729)	1:43:A:MET:HE2	1:131:A:LEU:HA	5	1.35
(3,1729)	1:43:A:MET:HE3	1:131:A:LEU:HA	5	1.35
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	7	1.35
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	7	1.35
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	7	1.35
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	7	1.35
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	7	1.35
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	7	1.35
(3,441)	1:143:A:TRP:H	1:144:A:LEU:HD21	14	1.35
(3,441)	1:143:A:TRP:H	1:144:A:LEU:HD22	14	1.35
(3,441)	1:143:A:TRP:H	1:144:A:LEU:HD23	14	1.35
(2,2262)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	14	1.35
(2,2262)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	14	1.35
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB2	19	1.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB3	19	1.35
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB2	19	1.35
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB3	19	1.35
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG21	11	1.35
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG22	11	1.35
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG23	11	1.35
(2,1395)	1:19:A:ALA:HB1	1:21:A:THR:HG21	5	1.35
(2,1395)	1:19:A:ALA:HB1	1:21:A:THR:HG22	5	1.35
(2,1395)	1:19:A:ALA:HB1	1:21:A:THR:HG23	5	1.35
(2,1395)	1:19:A:ALA:HB2	1:21:A:THR:HG21	5	1.35
(2,1395)	1:19:A:ALA:HB2	1:21:A:THR:HG22	5	1.35
(2,1395)	1:19:A:ALA:HB2	1:21:A:THR:HG23	5	1.35
(2,1395)	1:19:A:ALA:HB3	1:21:A:THR:HG21	5	1.35
(2,1395)	1:19:A:ALA:HB3	1:21:A:THR:HG22	5	1.35
(2,1395)	1:19:A:ALA:HB3	1:21:A:THR:HG23	5	1.35
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD21	17	1.35
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD22	17	1.35
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD23	17	1.35
(2,436)	1:143:A:TRP:H	1:144:A:LEU:HD21	14	1.35
(2,436)	1:143:A:TRP:H	1:144:A:LEU:HD22	14	1.35
(2,436)	1:143:A:TRP:H	1:144:A:LEU:HD23	14	1.35
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG11	18	1.35
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG12	18	1.35
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG13	18	1.35
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG21	18	1.35
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG22	18	1.35
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG23	18	1.35
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG11	18	1.35
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG12	18	1.35
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG13	18	1.35
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG21	18	1.35
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG22	18	1.35
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG23	18	1.35
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG11	18	1.35
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG12	18	1.35
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG13	18	1.35
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG21	18	1.35
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG22	18	1.35
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG23	18	1.35
(1,1920)	1:150:A:THR:H	1:151:A:PHE:HD1	14	1.35
(1,1920)	1:150:A:THR:H	1:151:A:PHE:HD2	14	1.35
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	17	1.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	17	1.35
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	17	1.35
(1,1265)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	9	1.35
(1,1265)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	9	1.35
(1,1265)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	9	1.35
(1,1265)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	9	1.35
(1,1265)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	9	1.35
(1,1265)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	9	1.35
(1,849)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	1	1.35
(1,849)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	1	1.35
(1,849)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	1	1.35
(1,849)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	1	1.35
(1,849)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	1	1.35
(1,849)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	1	1.35
(1,162)	1:67:A:PRO:HD3	1:95:A:ILE:H	13	1.35
(34,2142)	1:40:A:LEU:HD11	1:45:A:ALA:H	19	1.34
(34,2142)	1:40:A:LEU:HD12	1:45:A:ALA:H	19	1.34
(34,2142)	1:40:A:LEU:HD13	1:45:A:ALA:H	19	1.34
(34,2142)	1:40:A:LEU:HD21	1:45:A:ALA:H	19	1.34
(34,2142)	1:40:A:LEU:HD22	1:45:A:ALA:H	19	1.34
(34,2142)	1:40:A:LEU:HD23	1:45:A:ALA:H	19	1.34
(34,1997)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	1	1.34
(34,1997)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	1	1.34
(34,1997)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	1	1.34
(34,1997)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	1	1.34
(34,1997)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	1	1.34
(34,1997)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	1	1.34
(34,1928)	1:14:A:VAL:HB	1:18:A:PHE:HZ	10	1.34
(34,1490)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	6	1.34
(33,2497)	1:144:A:LEU:HD11	1:147:A:ARG:HB2	13	1.34
(33,2497)	1:144:A:LEU:HD11	1:147:A:ARG:HB3	13	1.34
(33,2497)	1:144:A:LEU:HD12	1:147:A:ARG:HB2	13	1.34
(33,2497)	1:144:A:LEU:HD12	1:147:A:ARG:HB3	13	1.34
(33,2497)	1:144:A:LEU:HD13	1:147:A:ARG:HB2	13	1.34
(33,2497)	1:144:A:LEU:HD13	1:147:A:ARG:HB3	13	1.34
(33,2497)	1:144:A:LEU:HD21	1:147:A:ARG:HB2	13	1.34
(33,2497)	1:144:A:LEU:HD21	1:147:A:ARG:HB3	13	1.34
(33,2497)	1:144:A:LEU:HD22	1:147:A:ARG:HB2	13	1.34
(33,2497)	1:144:A:LEU:HD22	1:147:A:ARG:HB3	13	1.34
(33,2497)	1:144:A:LEU:HD23	1:147:A:ARG:HB2	13	1.34
(33,2497)	1:144:A:LEU:HD23	1:147:A:ARG:HB3	13	1.34
(33,1627)	1:27:A:ARG:HA	1:30:A:LEU:H	4	1.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1329)	1:106:A:ASP:HA	1:112:A:GLN:HE21	15	1.34
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB1	6	1.34
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB2	6	1.34
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB3	6	1.34
(33,956)	1:40:A:LEU:HA	1:43:A:MET:HG2	9	1.34
(32,1884)	1:14:A:VAL:HB	1:18:A:PHE:HZ	10	1.34
(32,1297)	1:106:A:ASP:HA	1:112:A:GLN:HE21	15	1.34
(30,2148)	1:40:A:LEU:HD11	1:45:A:ALA:H	19	1.34
(30,2148)	1:40:A:LEU:HD12	1:45:A:ALA:H	19	1.34
(30,2148)	1:40:A:LEU:HD13	1:45:A:ALA:H	19	1.34
(30,2148)	1:40:A:LEU:HD21	1:45:A:ALA:H	19	1.34
(30,2148)	1:40:A:LEU:HD22	1:45:A:ALA:H	19	1.34
(30,2148)	1:40:A:LEU:HD23	1:45:A:ALA:H	19	1.34
(30,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	17	1.34
(30,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	17	1.34
(30,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	17	1.34
(30,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	17	1.34
(30,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	17	1.34
(30,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	17	1.34
(30,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	17	1.34
(30,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	17	1.34
(30,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	17	1.34
(30,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	17	1.34
(30,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	17	1.34
(30,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	17	1.34
(30,1921)	1:14:A:VAL:HB	1:18:A:PHE:HZ	10	1.34
(30,1766)	1:39:A:VAL:HG21	1:144:A:LEU:H	14	1.34
(30,1766)	1:39:A:VAL:HG22	1:144:A:LEU:H	14	1.34
(30,1766)	1:39:A:VAL:HG23	1:144:A:LEU:H	14	1.34
(30,1347)	1:141:A:LYS:HB2	1:149:A:ALA:HA	15	1.34
(30,1347)	1:141:A:LYS:HB3	1:149:A:ALA:HA	15	1.34
(30,1212)	1:11:A:ILE:HD11	1:131:A:LEU:HA	13	1.34
(30,1212)	1:11:A:ILE:HD12	1:131:A:LEU:HA	13	1.34
(30,1212)	1:11:A:ILE:HD13	1:131:A:LEU:HA	13	1.34
(30,1078)	1:136:A:CYS:HB2	1:141:A:LYS:HA	3	1.34
(30,1048)	1:110:A:MET:HG2	1:114:A:ILE:HG13	10	1.34
(30,1048)	1:110:A:MET:HG3	1:114:A:ILE:HG13	10	1.34
(29,2145)	1:40:A:LEU:HD11	1:45:A:ALA:H	19	1.34
(29,2145)	1:40:A:LEU:HD12	1:45:A:ALA:H	19	1.34
(29,2145)	1:40:A:LEU:HD13	1:45:A:ALA:H	19	1.34
(29,2145)	1:40:A:LEU:HD21	1:45:A:ALA:H	19	1.34
(29,2145)	1:40:A:LEU:HD22	1:45:A:ALA:H	19	1.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2145)	1:40:A:LEU:HD23	1:45:A:ALA:H	19	1.34
(29,1938)	1:14:A:VAL:HB	1:18:A:PHE:HZ	10	1.34
(29,1784)	1:39:A:VAL:HG21	1:144:A:LEU:H	14	1.34
(29,1784)	1:39:A:VAL:HG22	1:144:A:LEU:H	14	1.34
(29,1784)	1:39:A:VAL:HG23	1:144:A:LEU:H	14	1.34
(29,1638)	1:79:A:THR:HB	1:80:A:TYR:HB2	9	1.34
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	4	1.34
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	4	1.34
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	4	1.34
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	4	1.34
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	4	1.34
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	4	1.34
(29,1074)	1:110:A:MET:HG2	1:114:A:ILE:HG13	10	1.34
(29,1074)	1:110:A:MET:HG3	1:114:A:ILE:HG13	10	1.34
(29,1035)	1:113:A:PHE:HA	1:116:A:GLN:HG3	11	1.34
(29,373)	1:41:A:LYS:H	1:44:A:GLU:HG2	11	1.34
(18,1939)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	13	1.34
(18,1939)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	13	1.34
(18,1939)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	13	1.34
(18,1939)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	13	1.34
(18,1910)	1:14:A:VAL:HB	1:18:A:PHE:HZ	10	1.34
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	9	1.34
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	9	1.34
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	9	1.34
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	9	1.34
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	9	1.34
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	9	1.34
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD1	6	1.34
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD2	6	1.34
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	14	1.34
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	14	1.34
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	14	1.34
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	14	1.34
(18,107)	1:69:A:MET:H	1:69:A:MET:HE1	1	1.34
(18,107)	1:69:A:MET:H	1:69:A:MET:HE2	1	1.34
(18,107)	1:69:A:MET:H	1:69:A:MET:HE3	1	1.34
(17,1938)	1:14:A:VAL:HB	1:18:A:PHE:HZ	10	1.34
(17,1806)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	16	1.34
(17,1806)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	16	1.34
(17,1806)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	16	1.34
(17,1806)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	16	1.34
(17,1806)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	16	1.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1806)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	16	1.34
(17,1778)	1:39:A:VAL:HG21	1:144:A:LEU:H	14	1.34
(17,1778)	1:39:A:VAL:HG22	1:144:A:LEU:H	14	1.34
(17,1778)	1:39:A:VAL:HG23	1:144:A:LEU:H	14	1.34
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	4	1.34
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	4	1.34
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	4	1.34
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	4	1.34
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	4	1.34
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	4	1.34
(17,1497)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	6	1.34
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	3	1.34
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	3	1.34
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	3	1.34
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	3	1.34
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	3	1.34
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	3	1.34
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	3	1.34
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	3	1.34
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	3	1.34
(17,369)	1:41:A:LYS:H	1:44:A:GLU:HG2	9	1.34
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG11	18	1.34
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG12	18	1.34
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG13	18	1.34
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG21	18	1.34
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG22	18	1.34
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG23	18	1.34
(16,1907)	1:14:A:VAL:HB	1:18:A:PHE:HZ	10	1.34
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	9	1.34
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	9	1.34
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	9	1.34
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	9	1.34
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	9	1.34
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	9	1.34
(16,1756)	1:39:A:VAL:HG21	1:144:A:LEU:H	14	1.34
(16,1756)	1:39:A:VAL:HG22	1:144:A:LEU:H	14	1.34
(16,1756)	1:39:A:VAL:HG23	1:144:A:LEU:H	14	1.34
(16,1473)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	6	1.34
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG21	5	1.34
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG22	5	1.34
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG23	5	1.34
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG21	15	1.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG22	15	1.34
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG23	15	1.34
(15,1833)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	17	1.34
(15,1833)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	17	1.34
(15,1833)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	17	1.34
(15,1833)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	17	1.34
(15,1833)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	17	1.34
(15,1833)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	17	1.34
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	4	1.34
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	4	1.34
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	4	1.34
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	4	1.34
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	4	1.34
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	4	1.34
(15,1468)	1:95:A:ILE:HG21	1:97:A:ASP:H	2	1.34
(15,1468)	1:95:A:ILE:HG22	1:97:A:ASP:H	2	1.34
(15,1468)	1:95:A:ILE:HG23	1:97:A:ASP:H	2	1.34
(15,1327)	1:106:A:ASP:HA	1:112:A:GLN:HE21	15	1.34
(15,1030)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	5	1.34
(15,812)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	12	1.34
(15,812)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	12	1.34
(15,812)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	12	1.34
(15,267)	1:27:A:ARG:HB3	1:29:A:LYS:H	3	1.34
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	9	1.34
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	9	1.34
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	9	1.34
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	9	1.34
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	9	1.34
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	9	1.34
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	9	1.34
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	9	1.34
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	9	1.34
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	9	1.34
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	9	1.34
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	9	1.34
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	9	1.34
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	9	1.34
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	9	1.34
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	9	1.34
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	9	1.34
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	9	1.34
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG11	8	1.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG12	8	1.34
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG13	8	1.34
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG21	8	1.34
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG22	8	1.34
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG23	8	1.34
(13,1595)	1:13:A:ALA:HA	1:80:A:TYR:HB3	9	1.34
(13,1006)	1:36:A:PRO:HA	1:39:A:VAL:HG21	18	1.34
(13,1006)	1:36:A:PRO:HA	1:39:A:VAL:HG22	18	1.34
(13,1006)	1:36:A:PRO:HA	1:39:A:VAL:HG23	18	1.34
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD11	18	1.34
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD12	18	1.34
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD13	18	1.34
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD21	18	1.34
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD22	18	1.34
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD23	18	1.34
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD11	18	1.34
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD12	18	1.34
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD13	18	1.34
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD21	18	1.34
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD22	18	1.34
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD23	18	1.34
(11,2148)	1:40:A:LEU:HD11	1:45:A:ALA:H	19	1.34
(11,2148)	1:40:A:LEU:HD12	1:45:A:ALA:H	19	1.34
(11,2148)	1:40:A:LEU:HD13	1:45:A:ALA:H	19	1.34
(11,2148)	1:40:A:LEU:HD21	1:45:A:ALA:H	19	1.34
(11,2148)	1:40:A:LEU:HD22	1:45:A:ALA:H	19	1.34
(11,2148)	1:40:A:LEU:HD23	1:45:A:ALA:H	19	1.34
(11,2074)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	3	1.34
(11,2074)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	3	1.34
(11,2074)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	3	1.34
(11,2074)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	3	1.34
(11,2004)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	6	1.34
(11,2004)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	6	1.34
(11,2004)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	6	1.34
(11,2004)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	6	1.34
(11,2004)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	6	1.34
(11,2004)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	6	1.34
(11,1798)	1:39:A:VAL:HG21	1:144:A:LEU:H	14	1.34
(11,1798)	1:39:A:VAL:HG22	1:144:A:LEU:H	14	1.34
(11,1798)	1:39:A:VAL:HG23	1:144:A:LEU:H	14	1.34
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB2	8	1.34
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB3	8	1.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB2	8	1.34
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB3	8	1.34
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB2	8	1.34
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB3	8	1.34
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	15	1.34
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	15	1.34
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	15	1.34
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD11	6	1.34
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD12	6	1.34
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD13	6	1.34
(9,1919)	1:14:A:VAL:HB	1:18:A:PHE:HZ	10	1.34
(9,965)	1:141:A:LYS:HB2	1:149:A:ALA:HA	11	1.34
(9,965)	1:141:A:LYS:HB3	1:149:A:ALA:HA	11	1.34
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB2	5	1.34
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB3	5	1.34
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD11	7	1.34
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD12	7	1.34
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD13	7	1.34
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD21	7	1.34
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD22	7	1.34
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD23	7	1.34
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD11	7	1.34
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD12	7	1.34
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD13	7	1.34
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD21	7	1.34
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD22	7	1.34
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD23	7	1.34
(7,1785)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	7	1.34
(7,1785)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	7	1.34
(7,1785)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	7	1.34
(7,1785)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	7	1.34
(7,1785)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	7	1.34
(7,1785)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	7	1.34
(7,1726)	1:39:A:VAL:HG21	1:144:A:LEU:H	14	1.34
(7,1726)	1:39:A:VAL:HG22	1:144:A:LEU:H	14	1.34
(7,1726)	1:39:A:VAL:HG23	1:144:A:LEU:H	14	1.34
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	4	1.34
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	4	1.34
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	4	1.34
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	4	1.34
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	4	1.34
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	4	1.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1197)	1:11:A:ILE:HD11	1:131:A:LEU:HA	13	1.34
(7,1197)	1:11:A:ILE:HD12	1:131:A:LEU:HA	13	1.34
(7,1197)	1:11:A:ILE:HD13	1:131:A:LEU:HA	13	1.34
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD21	15	1.34
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD22	15	1.34
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD23	15	1.34
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE1	18	1.34
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE2	18	1.34
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE1	18	1.34
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE2	18	1.34
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	4	1.34
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	4	1.34
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	4	1.34
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	4	1.34
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	4	1.34
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	4	1.34
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	2	1.34
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	2	1.34
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	2	1.34
(5,1788)	1:39:A:VAL:HG21	1:144:A:LEU:H	14	1.34
(5,1788)	1:39:A:VAL:HG22	1:144:A:LEU:H	14	1.34
(5,1788)	1:39:A:VAL:HG23	1:144:A:LEU:H	14	1.34
(5,1334)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	4	1.34
(5,1334)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	4	1.34
(5,1334)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	4	1.34
(5,1334)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	4	1.34
(5,1334)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	4	1.34
(5,1334)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	4	1.34
(5,1334)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	4	1.34
(5,1334)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	4	1.34
(5,1334)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	4	1.34
(5,1025)	1:113:A:PHE:HA	1:116:A:GLN:HG3	11	1.34
(5,705)	1:28:A:GLY:H	1:30:A:LEU:HB2	5	1.34
(5,705)	1:28:A:GLY:H	1:30:A:LEU:HB3	5	1.34
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD11	6	1.34
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD12	6	1.34
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD13	6	1.34
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD21	6	1.34
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD22	6	1.34
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD23	6	1.34
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	4	1.34
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	4	1.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	4	1.34
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	4	1.34
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	4	1.34
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	4	1.34
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD21	14	1.34
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD22	14	1.34
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD23	14	1.34
(4,213)	1:44:A:GLU:HG2	1:48:A:ARG:H	12	1.34
(3,2007)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	6	1.34
(3,2007)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	6	1.34
(3,2007)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	6	1.34
(3,2007)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	6	1.34
(3,2007)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	6	1.34
(3,2007)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	6	1.34
(3,1950)	1:14:A:VAL:HB	1:18:A:PHE:HZ	10	1.34
(3,1795)	1:39:A:VAL:HG21	1:144:A:LEU:H	14	1.34
(3,1795)	1:39:A:VAL:HG22	1:144:A:LEU:H	14	1.34
(3,1795)	1:39:A:VAL:HG23	1:144:A:LEU:H	14	1.34
(3,1689)	1:69:A:MET:HE1	1:116:A:GLN:HG3	13	1.34
(3,1689)	1:69:A:MET:HE2	1:116:A:GLN:HG3	13	1.34
(3,1689)	1:69:A:MET:HE3	1:116:A:GLN:HG3	13	1.34
(3,1576)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	14	1.34
(3,1576)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	14	1.34
(3,1576)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	14	1.34
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	4	1.34
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	4	1.34
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	4	1.34
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	4	1.34
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	4	1.34
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	4	1.34
(3,1477)	1:144:A:LEU:HD11	1:145:A:PRO:HD2	5	1.34
(3,1477)	1:144:A:LEU:HD12	1:145:A:PRO:HD2	5	1.34
(3,1477)	1:144:A:LEU:HD13	1:145:A:PRO:HD2	5	1.34
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD21	7	1.34
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD22	7	1.34
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD23	7	1.34
(3,1253)	1:143:A:TRP:HD1	1:144:A:LEU:HD21	16	1.34
(3,1253)	1:143:A:TRP:HD1	1:144:A:LEU:HD22	16	1.34
(3,1253)	1:143:A:TRP:HD1	1:144:A:LEU:HD23	16	1.34
(3,1050)	1:60:A:LEU:H	1:63:A:ILE:HG13	17	1.34
(3,729)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	16	1.34
(3,729)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	16	1.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,729)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	16	1.34
(2,2147)	1:40:A:LEU:HD11	1:45:A:ALA:H	19	1.34
(2,2147)	1:40:A:LEU:HD12	1:45:A:ALA:H	19	1.34
(2,2147)	1:40:A:LEU:HD13	1:45:A:ALA:H	19	1.34
(2,2147)	1:40:A:LEU:HD21	1:45:A:ALA:H	19	1.34
(2,2147)	1:40:A:LEU:HD22	1:45:A:ALA:H	19	1.34
(2,2147)	1:40:A:LEU:HD23	1:45:A:ALA:H	19	1.34
(2,1949)	1:14:A:VAL:HB	1:18:A:PHE:HZ	10	1.34
(2,1804)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	4	1.34
(2,1804)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	4	1.34
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB2	14	1.34
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB3	14	1.34
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB2	14	1.34
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB3	14	1.34
(2,1644)	1:13:A:ALA:HA	1:80:A:TYR:HB3	9	1.34
(2,1640)	1:10:A:ASN:HB3	1:61:A:SER:HA	11	1.34
(2,1365)	1:118:A:ASP:HA	1:121:A:VAL:HG11	10	1.34
(2,1365)	1:118:A:ASP:HA	1:121:A:VAL:HG12	10	1.34
(2,1365)	1:118:A:ASP:HA	1:121:A:VAL:HG13	10	1.34
(2,1263)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	13	1.34
(2,1263)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	13	1.34
(2,1263)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	13	1.34
(2,1263)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	13	1.34
(2,1263)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	13	1.34
(2,1263)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	13	1.34
(2,978)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	12	1.34
(2,978)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	12	1.34
(1,1794)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	4	1.34
(1,1794)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	4	1.34
(1,1332)	1:106:A:ASP:HA	1:112:A:GLN:HE21	15	1.34
(1,1114)	1:31:A:PRO:HG2	1:143:A:TRP:HA	9	1.34
(1,1114)	1:31:A:PRO:HG3	1:143:A:TRP:HA	9	1.34
(1,1007)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	2	1.34
(1,1007)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	2	1.34
(1,991)	1:11:A:ILE:HG12	1:14:A:VAL:HB	9	1.34
(1,991)	1:11:A:ILE:HG12	1:14:A:VAL:HB	19	1.34
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	1	1.33
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	1	1.33
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	1	1.33
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	1	1.33
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	1	1.33
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	1	1.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	1	1.33
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	1	1.33
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	1	1.33
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	1	1.33
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	1	1.33
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	1	1.33
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	1	1.33
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	1	1.33
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	1	1.33
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	1	1.33
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	1	1.33
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	1	1.33
(34,1180)	1:13:A:ALA:HB1	1:80:A:TYR:HA	19	1.33
(34,1180)	1:13:A:ALA:HB2	1:80:A:TYR:HA	19	1.33
(34,1180)	1:13:A:ALA:HB3	1:80:A:TYR:HA	19	1.33
(34,721)	1:44:A:GLU:HB2	1:48:A:ARG:HE	15	1.33
(34,721)	1:44:A:GLU:HB3	1:48:A:ARG:HE	15	1.33
(34,572)	1:10:A:ASN:HD21	1:11:A:ILE:HB	10	1.33
(34,530)	1:70:A:LYS:HG3	1:71:A:LYS:H	19	1.33
(33,2065)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	3	1.33
(33,2065)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	3	1.33
(33,2065)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	3	1.33
(33,2065)	1:31:A:PRO:HD2	1:144:A:LEU:HD21	3	1.33
(33,2065)	1:31:A:PRO:HD2	1:144:A:LEU:HD22	3	1.33
(33,2065)	1:31:A:PRO:HD2	1:144:A:LEU:HD23	3	1.33
(33,2065)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	3	1.33
(33,2065)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	3	1.33
(33,2065)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	3	1.33
(33,2065)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	3	1.33
(33,2065)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	3	1.33
(33,2065)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	3	1.33
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	18	1.33
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	18	1.33
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	18	1.33
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	18	1.33
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	18	1.33
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	18	1.33
(33,1841)	1:13:A:ALA:HA	1:80:A:TYR:HE1	6	1.33
(33,1841)	1:13:A:ALA:HA	1:80:A:TYR:HE2	6	1.33
(33,1343)	1:105:A:LYS:HG2	1:106:A:ASP:HA	4	1.33
(33,1294)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	15	1.33
(33,1294)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	15	1.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1294)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	15	1.33
(33,697)	1:10:A:ASN:HD22	1:14:A:VAL:HB	2	1.33
(33,594)	1:28:A:GLY:H	1:29:A:LYS:HG2	19	1.33
(33,594)	1:28:A:GLY:H	1:29:A:LYS:HG3	19	1.33
(33,573)	1:16:A:SER:H	1:131:A:LEU:HB3	16	1.33
(32,2134)	1:43:A:MET:HE1	1:46:A:ASN:HB2	5	1.33
(32,2134)	1:43:A:MET:HE1	1:46:A:ASN:HB3	5	1.33
(32,2134)	1:43:A:MET:HE2	1:46:A:ASN:HB2	5	1.33
(32,2134)	1:43:A:MET:HE2	1:46:A:ASN:HB3	5	1.33
(32,2134)	1:43:A:MET:HE3	1:46:A:ASN:HB2	5	1.33
(32,2134)	1:43:A:MET:HE3	1:46:A:ASN:HB3	5	1.33
(32,1540)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	11	1.33
(32,1540)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	11	1.33
(32,1540)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	11	1.33
(32,1540)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	11	1.33
(32,1540)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	11	1.33
(32,1540)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	11	1.33
(32,1116)	1:13:A:ALA:HB1	1:80:A:TYR:HA	19	1.33
(32,1116)	1:13:A:ALA:HB2	1:80:A:TYR:HA	19	1.33
(32,1116)	1:13:A:ALA:HB3	1:80:A:TYR:HA	19	1.33
(32,1039)	1:54:A:ARG:HA	1:58:A:ILE:HG13	16	1.33
(32,579)	1:28:A:GLY:H	1:29:A:LYS:HG2	19	1.33
(32,579)	1:28:A:GLY:H	1:29:A:LYS:HG3	19	1.33
(30,1908)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	13	1.33
(30,1908)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	13	1.33
(30,1908)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	13	1.33
(30,1908)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	13	1.33
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD21	19	1.33
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD22	19	1.33
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD23	19	1.33
(30,1581)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	11	1.33
(30,1581)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	11	1.33
(30,1581)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	11	1.33
(30,1581)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	11	1.33
(30,1581)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	11	1.33
(30,1581)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	11	1.33
(30,1553)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	1.33
(30,1553)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	1.33
(30,1553)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	1.33
(30,1553)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	1.33
(30,1553)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	1.33
(30,1553)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	1.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,961)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	3	1.33
(30,961)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	3	1.33
(30,919)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	15	1.33
(30,919)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	15	1.33
(30,919)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	15	1.33
(30,919)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	15	1.33
(30,919)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	15	1.33
(30,919)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	15	1.33
(30,686)	1:39:A:VAL:HB	1:144:A:LEU:H	6	1.33
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	2	1.33
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	2	1.33
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	2	1.33
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	2	1.33
(29,1638)	1:79:A:THR:HB	1:80:A:TYR:HB2	19	1.33
(29,1483)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	17	1.33
(29,1273)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	7	1.33
(29,1273)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	7	1.33
(29,1273)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	7	1.33
(29,1273)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	7	1.33
(29,1273)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	7	1.33
(29,1273)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	7	1.33
(29,1166)	1:13:A:ALA:HB1	1:80:A:TYR:HA	19	1.33
(29,1166)	1:13:A:ALA:HB2	1:80:A:TYR:HA	19	1.33
(29,1166)	1:13:A:ALA:HB3	1:80:A:TYR:HA	19	1.33
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	3	1.33
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	3	1.33
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	3	1.33
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	3	1.33
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	3	1.33
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	3	1.33
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	6	1.33
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	6	1.33
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	6	1.33
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	6	1.33
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	6	1.33
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	6	1.33
(29,296)	1:43:A:MET:H	1:43:A:MET:HG3	8	1.33
(18,2015)	1:18:A:PHE:HB2	1:132:A:ALA:HA	12	1.33
(18,2015)	1:18:A:PHE:HB3	1:132:A:ALA:HA	12	1.33
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	16	1.33
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	16	1.33
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	16	1.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1682)	1:43:A:MET:HE1	1:131:A:LEU:HA	12	1.33
(18,1682)	1:43:A:MET:HE2	1:131:A:LEU:HA	12	1.33
(18,1682)	1:43:A:MET:HE3	1:131:A:LEU:HA	12	1.33
(18,1643)	1:69:A:MET:HE1	1:116:A:GLN:HG3	1	1.33
(18,1643)	1:69:A:MET:HE2	1:116:A:GLN:HG3	1	1.33
(18,1643)	1:69:A:MET:HE3	1:116:A:GLN:HG3	1	1.33
(18,1465)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	17	1.33
(18,1352)	1:118:A:ASP:HA	1:121:A:VAL:HG11	10	1.33
(18,1352)	1:118:A:ASP:HA	1:121:A:VAL:HG12	10	1.33
(18,1352)	1:118:A:ASP:HA	1:121:A:VAL:HG13	10	1.33
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	4	1.33
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	4	1.33
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	4	1.33
(18,1082)	1:54:A:ARG:HA	1:58:A:ILE:HG13	16	1.33
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG11	6	1.33
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG12	6	1.33
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG13	6	1.33
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG21	6	1.33
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG22	6	1.33
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG23	6	1.33
(17,1865)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	17	1.33
(17,1865)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	17	1.33
(17,1865)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	17	1.33
(17,1865)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	17	1.33
(17,1865)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	17	1.33
(17,1865)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	17	1.33
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	16	1.33
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	16	1.33
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	16	1.33
(17,1129)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	6	1.33
(17,1129)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	6	1.33
(16,2071)	1:32:A:GLY:HA2	1:81:A:GLU:H	5	1.33
(16,2071)	1:32:A:GLY:HA3	1:81:A:GLU:H	5	1.33
(16,1938)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	5	1.33
(16,1938)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	5	1.33
(16,1938)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	5	1.33
(16,1938)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	5	1.33
(16,1938)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	5	1.33
(16,1938)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	5	1.33
(16,1938)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	5	1.33
(16,1938)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	5	1.33
(16,1938)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	5	1.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1938)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	5	1.33
(16,1938)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	5	1.33
(16,1938)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	5	1.33
(16,1897)	1:35:A:LEU:HG	1:80:A:TYR:HE1	18	1.33
(16,1897)	1:35:A:LEU:HG	1:80:A:TYR:HE2	18	1.33
(16,1036)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	14	1.33
(16,1036)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	14	1.33
(16,978)	1:11:A:ILE:HG12	1:43:A:MET:HB2	19	1.33
(16,936)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	15	1.33
(16,936)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	15	1.33
(16,936)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	15	1.33
(16,936)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	15	1.33
(16,936)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	15	1.33
(16,936)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	15	1.33
(16,706)	1:10:A:ASN:HD22	1:14:A:VAL:HB	2	1.33
(16,601)	1:28:A:GLY:H	1:29:A:LYS:HG2	19	1.33
(16,601)	1:28:A:GLY:H	1:29:A:LYS:HG3	19	1.33
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG2	9	1.33
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG3	9	1.33
(15,1619)	1:13:A:ALA:HA	1:80:A:TYR:HB3	9	1.33
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD21	7	1.33
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD22	7	1.33
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD23	7	1.33
(15,1570)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	11	1.33
(15,1570)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	11	1.33
(15,1570)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	11	1.33
(15,1570)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	11	1.33
(15,1570)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	11	1.33
(15,1570)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	11	1.33
(15,487)	1:147:A:ARG:HD2	1:148:A:CYS:H	6	1.33
(15,487)	1:147:A:ARG:HD3	1:148:A:CYS:H	6	1.33
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE1	12	1.33
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE2	12	1.33
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE3	12	1.33
(13,1422)	1:31:A:PRO:HD2	1:144:A:LEU:HB3	8	1.33
(13,1052)	1:54:A:ARG:HA	1:58:A:ILE:HG13	16	1.33
(13,684)	1:10:A:ASN:HD22	1:14:A:VAL:HB	2	1.33
(11,2238)	1:66:A:THR:H	1:70:A:LYS:HD2	9	1.33
(11,2238)	1:66:A:THR:H	1:70:A:LYS:HD3	9	1.33
(11,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	9	1.33
(11,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	9	1.33
(11,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	9	1.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	9	1.33
(11,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	9	1.33
(11,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	9	1.33
(11,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	9	1.33
(11,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	9	1.33
(11,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	9	1.33
(11,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	9	1.33
(11,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	9	1.33
(11,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	9	1.33
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	2	1.33
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	2	1.33
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	2	1.33
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	2	1.33
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	2	1.33
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	2	1.33
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	14	1.33
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	14	1.33
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	14	1.33
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	14	1.33
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	14	1.33
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	14	1.33
(9,2012)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	12	1.33
(9,2012)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	12	1.33
(9,2012)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	12	1.33
(9,2012)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	12	1.33
(9,2012)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	12	1.33
(9,2012)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	12	1.33
(9,1836)	1:13:A:ALA:HA	1:80:A:TYR:HE1	6	1.33
(9,1836)	1:13:A:ALA:HA	1:80:A:TYR:HE2	6	1.33
(9,1235)	1:43:A:MET:HG2	1:140:A:LEU:HD11	9	1.33
(9,1235)	1:43:A:MET:HG2	1:140:A:LEU:HD12	9	1.33
(9,1235)	1:43:A:MET:HG2	1:140:A:LEU:HD13	9	1.33
(9,962)	1:11:A:ILE:HG12	1:43:A:MET:HB2	19	1.33
(9,937)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	6	1.33
(9,930)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	7	1.33
(9,930)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	7	1.33
(9,930)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	7	1.33
(9,930)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	7	1.33
(7,2120)	1:43:A:MET:HE1	1:46:A:ASN:HB2	5	1.33
(7,2120)	1:43:A:MET:HE1	1:46:A:ASN:HB3	5	1.33
(7,2120)	1:43:A:MET:HE2	1:46:A:ASN:HB2	5	1.33
(7,2120)	1:43:A:MET:HE2	1:46:A:ASN:HB3	5	1.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2120)	1:43:A:MET:HE3	1:46:A:ASN:HB2	5	1.33
(7,2120)	1:43:A:MET:HE3	1:46:A:ASN:HB3	5	1.33
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	7	1.33
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	7	1.33
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	7	1.33
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	7	1.33
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	7	1.33
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	7	1.33
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	7	1.33
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	7	1.33
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	7	1.33
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	7	1.33
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	7	1.33
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	7	1.33
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	7	1.33
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	7	1.33
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	7	1.33
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	7	1.33
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	7	1.33
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	7	1.33
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE1	16	1.33
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE2	16	1.33
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE3	16	1.33
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE1	16	1.33
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE2	16	1.33
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE3	16	1.33
(7,1452)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	17	1.33
(7,835)	1:43:A:MET:HE1	1:131:A:LEU:HB3	5	1.33
(7,835)	1:43:A:MET:HE2	1:131:A:LEU:HB3	5	1.33
(7,835)	1:43:A:MET:HE3	1:131:A:LEU:HB3	5	1.33
(7,795)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	16	1.33
(7,694)	1:10:A:ASN:HD22	1:14:A:VAL:HB	2	1.33
(7,593)	1:28:A:GLY:H	1:29:A:LYS:HG2	19	1.33
(7,593)	1:28:A:GLY:H	1:29:A:LYS:HG3	19	1.33
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG11	12	1.33
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG12	12	1.33
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG13	12	1.33
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG21	12	1.33
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG22	12	1.33
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG23	12	1.33
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG11	12	1.33
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG12	12	1.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG13	12	1.33
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG21	12	1.33
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG22	12	1.33
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG23	12	1.33
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG11	12	1.33
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG12	12	1.33
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG13	12	1.33
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG21	12	1.33
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG22	12	1.33
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG23	12	1.33
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE1	5	1.33
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE2	5	1.33
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE1	5	1.33
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE2	5	1.33
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	10	1.33
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	10	1.33
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	10	1.33
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG21	10	1.33
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG22	10	1.33
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG23	10	1.33
(6,1904)	1:18:A:PHE:HE1	1:117:A:VAL:HA	19	1.33
(6,1904)	1:18:A:PHE:HE2	1:117:A:VAL:HA	19	1.33
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	16	1.33
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	16	1.33
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	16	1.33
(6,1576)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	11	1.33
(6,1576)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	11	1.33
(6,1576)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	11	1.33
(6,1576)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	11	1.33
(6,1576)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	11	1.33
(6,1576)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	11	1.33
(6,1449)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	4	1.33
(6,1449)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	4	1.33
(6,1449)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	4	1.33
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	10	1.33
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	10	1.33
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	10	1.33
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	10	1.33
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	10	1.33
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	10	1.33
(5,2179)	1:55:A:GLY:H	1:122:A:ASP:HB2	11	1.33
(5,2179)	1:55:A:GLY:H	1:122:A:ASP:HB3	11	1.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2044)	1:31:A:PRO:HB2	1:144:A:LEU:HB2	18	1.33
(5,2044)	1:31:A:PRO:HB2	1:144:A:LEU:HB3	18	1.33
(5,2044)	1:31:A:PRO:HB3	1:144:A:LEU:HB2	18	1.33
(5,2044)	1:31:A:PRO:HB3	1:144:A:LEU:HB3	18	1.33
(5,1850)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	14	1.33
(5,1850)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	14	1.33
(5,1850)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	14	1.33
(5,1850)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	14	1.33
(5,1850)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	14	1.33
(5,1850)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	14	1.33
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	16	1.33
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	16	1.33
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	16	1.33
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD11	3	1.33
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD12	3	1.33
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD13	3	1.33
(5,1590)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	11	1.33
(5,1590)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	11	1.33
(5,1590)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	11	1.33
(5,1590)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	11	1.33
(5,1590)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	11	1.33
(5,1590)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	11	1.33
(5,1283)	1:14:A:VAL:HG11	1:15:A:ALA:HA	14	1.33
(5,1283)	1:14:A:VAL:HG12	1:15:A:ALA:HA	14	1.33
(5,1283)	1:14:A:VAL:HG13	1:15:A:ALA:HA	14	1.33
(5,1165)	1:13:A:ALA:HB1	1:80:A:TYR:HA	19	1.33
(5,1165)	1:13:A:ALA:HB2	1:80:A:TYR:HA	19	1.33
(5,1165)	1:13:A:ALA:HB3	1:80:A:TYR:HA	19	1.33
(5,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	2	1.33
(5,620)	1:67:A:PRO:HD2	1:96:A:VAL:H	4	1.33
(4,2145)	1:43:A:MET:HE1	1:46:A:ASN:HB2	5	1.33
(4,2145)	1:43:A:MET:HE1	1:46:A:ASN:HB3	5	1.33
(4,2145)	1:43:A:MET:HE2	1:46:A:ASN:HB2	5	1.33
(4,2145)	1:43:A:MET:HE2	1:46:A:ASN:HB3	5	1.33
(4,2145)	1:43:A:MET:HE3	1:46:A:ASN:HB2	5	1.33
(4,2145)	1:43:A:MET:HE3	1:46:A:ASN:HB3	5	1.33
(4,1886)	1:35:A:LEU:HG	1:80:A:TYR:HE1	18	1.33
(4,1886)	1:35:A:LEU:HG	1:80:A:TYR:HE2	18	1.33
(4,1195)	1:11:A:ILE:HD11	1:131:A:LEU:HA	13	1.33
(4,1195)	1:11:A:ILE:HD12	1:131:A:LEU:HA	13	1.33
(4,1195)	1:11:A:ILE:HD13	1:131:A:LEU:HA	13	1.33
(4,43)	1:98:A:ILE:H	1:104:A:PHE:HB2	6	1.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	16	1.33
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	16	1.33
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	16	1.33
(3,1689)	1:69:A:MET:HE1	1:116:A:GLN:HG3	15	1.33
(3,1689)	1:69:A:MET:HE2	1:116:A:GLN:HG3	15	1.33
(3,1689)	1:69:A:MET:HE3	1:116:A:GLN:HG3	15	1.33
(3,1609)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	11	1.33
(3,1609)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	11	1.33
(3,1609)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	11	1.33
(3,1609)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	11	1.33
(3,1609)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	11	1.33
(3,1609)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	11	1.33
(3,1580)	1:40:A:LEU:HD11	1:43:A:MET:H	7	1.33
(3,1580)	1:40:A:LEU:HD12	1:43:A:MET:H	7	1.33
(3,1580)	1:40:A:LEU:HD13	1:43:A:MET:H	7	1.33
(3,1481)	1:13:A:ALA:HB1	1:78:A:HIS:HA	3	1.33
(3,1481)	1:13:A:ALA:HB2	1:78:A:HIS:HA	3	1.33
(3,1481)	1:13:A:ALA:HB3	1:78:A:HIS:HA	3	1.33
(3,1239)	1:11:A:ILE:HD11	1:131:A:LEU:HA	13	1.33
(3,1239)	1:11:A:ILE:HD12	1:131:A:LEU:HA	13	1.33
(3,1239)	1:11:A:ILE:HD13	1:131:A:LEU:HA	13	1.33
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD11	12	1.33
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD12	12	1.33
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD13	12	1.33
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	2	1.33
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	2	1.33
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	2	1.33
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	2	1.33
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	2	1.33
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	2	1.33
(2,1565)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	1.33
(2,1565)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	1.33
(2,1565)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	1.33
(2,1565)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	1.33
(2,1565)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	1.33
(2,1565)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	1.33
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG21	6	1.33
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG22	6	1.33
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG23	6	1.33
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG11	6	1.33
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG12	6	1.33
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG13	6	1.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1110)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	6	1.33
(2,1110)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	6	1.33
(2,684)	1:39:A:VAL:HB	1:144:A:LEU:H	6	1.33
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	18	1.33
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	18	1.33
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	18	1.33
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	18	1.33
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	18	1.33
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	18	1.33
(1,1753)	1:31:A:PRO:HB2	1:35:A:LEU:HA	15	1.33
(1,1753)	1:31:A:PRO:HB3	1:35:A:LEU:HA	15	1.33
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE1	16	1.33
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE2	16	1.33
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE3	16	1.33
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE1	16	1.33
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE2	16	1.33
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE3	16	1.33
(1,1483)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	17	1.33
(1,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	4	1.33
(1,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	4	1.33
(1,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	4	1.33
(1,1265)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	7	1.33
(1,1265)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	7	1.33
(1,1265)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	7	1.33
(1,1265)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	7	1.33
(1,1265)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	7	1.33
(1,1265)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	7	1.33
(1,1079)	1:54:A:ARG:HA	1:58:A:ILE:HG13	16	1.33
(1,707)	1:10:A:ASN:HD22	1:14:A:VAL:HB	2	1.33
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE1	19	1.32
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE2	19	1.32
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE3	19	1.32
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE1	19	1.32
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE2	19	1.32
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE3	19	1.32
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE1	19	1.32
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE2	19	1.32
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE3	19	1.32
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE1	19	1.32
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE2	19	1.32
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE3	19	1.32
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE1	19	1.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE2	19	1.32
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE3	19	1.32
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE1	19	1.32
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE2	19	1.32
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE3	19	1.32
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD11	1	1.32
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD12	1	1.32
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD13	1	1.32
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD21	1	1.32
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD22	1	1.32
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD23	1	1.32
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD11	3	1.32
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD12	3	1.32
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD13	3	1.32
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD21	3	1.32
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD22	3	1.32
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD23	3	1.32
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD11	3	1.32
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD12	3	1.32
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD13	3	1.32
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD21	3	1.32
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD22	3	1.32
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD23	3	1.32
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD11	3	1.32
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD12	3	1.32
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD13	3	1.32
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD21	3	1.32
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD22	3	1.32
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD23	3	1.32
(34,1994)	1:14:A:VAL:HG11	1:18:A:PHE:HA	3	1.32
(34,1994)	1:14:A:VAL:HG12	1:18:A:PHE:HA	3	1.32
(34,1994)	1:14:A:VAL:HG13	1:18:A:PHE:HA	3	1.32
(34,1994)	1:14:A:VAL:HG21	1:18:A:PHE:HA	3	1.32
(34,1994)	1:14:A:VAL:HG22	1:18:A:PHE:HA	3	1.32
(34,1994)	1:14:A:VAL:HG23	1:18:A:PHE:HA	3	1.32
(34,1982)	1:12:A:VAL:HG11	1:81:A:GLU:H	1	1.32
(34,1982)	1:12:A:VAL:HG12	1:81:A:GLU:H	1	1.32
(34,1982)	1:12:A:VAL:HG13	1:81:A:GLU:H	1	1.32
(34,1982)	1:12:A:VAL:HG21	1:81:A:GLU:H	1	1.32
(34,1982)	1:12:A:VAL:HG22	1:81:A:GLU:H	1	1.32
(34,1982)	1:12:A:VAL:HG23	1:81:A:GLU:H	1	1.32
(34,1097)	1:54:A:ARG:HA	1:58:A:ILE:HG13	10	1.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1097)	1:54:A:ARG:HA	1:58:A:ILE:HG13	12	1.32
(34,1016)	1:12:A:VAL:HB	1:43:A:MET:HE1	15	1.32
(34,1016)	1:12:A:VAL:HB	1:43:A:MET:HE2	15	1.32
(34,1016)	1:12:A:VAL:HB	1:43:A:MET:HE3	15	1.32
(34,939)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	17	1.32
(34,939)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	17	1.32
(34,939)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	17	1.32
(34,448)	1:68:A:LYS:H	1:70:A:LYS:HG2	5	1.32
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD11	19	1.32
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD12	19	1.32
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD13	19	1.32
(33,2133)	1:40:A:LEU:HD11	1:41:A:LYS:HA	19	1.32
(33,2133)	1:40:A:LEU:HD12	1:41:A:LYS:HA	19	1.32
(33,2133)	1:40:A:LEU:HD13	1:41:A:LYS:HA	19	1.32
(33,2133)	1:40:A:LEU:HD21	1:41:A:LYS:HA	19	1.32
(33,2133)	1:40:A:LEU:HD22	1:41:A:LYS:HA	19	1.32
(33,2133)	1:40:A:LEU:HD23	1:41:A:LYS:HA	19	1.32
(33,1896)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	11	1.32
(33,1896)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	11	1.32
(33,1896)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	11	1.32
(33,1896)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	11	1.32
(33,1896)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	11	1.32
(33,1896)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	11	1.32
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB1	19	1.32
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB2	19	1.32
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB3	19	1.32
(33,747)	1:105:A:LYS:HG3	1:112:A:GLN:HE21	13	1.32
(32,1724)	1:141:A:LYS:HA	1:149:A:ALA:H	15	1.32
(30,2058)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	17	1.32
(30,2058)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	17	1.32
(30,2058)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	17	1.32
(30,2058)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	17	1.32
(30,2058)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	17	1.32
(30,2058)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	17	1.32
(30,1363)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	11	1.32
(30,1363)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	11	1.32
(30,1363)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	11	1.32
(30,1096)	1:31:A:PRO:HG2	1:143:A:TRP:HA	17	1.32
(30,1096)	1:31:A:PRO:HG3	1:143:A:TRP:HA	17	1.32
(30,913)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	17	1.32
(30,913)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	17	1.32
(30,913)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	17	1.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2014)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	1	1.32
(29,2014)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	1	1.32
(29,2014)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	1	1.32
(29,2014)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	1	1.32
(29,2014)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	1	1.32
(29,2014)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	1	1.32
(29,1894)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	1	1.32
(29,1894)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	1	1.32
(29,1894)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	1	1.32
(29,1894)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	1	1.32
(29,1729)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	1	1.32
(29,1729)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	4	1.32
(29,1729)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	18	1.32
(29,1713)	1:52:A:CYS:HA	1:124:A:THR:HB	12	1.32
(29,1675)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	11	1.32
(29,1675)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	11	1.32
(29,1675)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	11	1.32
(29,1483)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	1	1.32
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD11	11	1.32
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD12	11	1.32
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD13	11	1.32
(29,1098)	1:48:A:ARG:HG2	1:49:A:LYS:HA	14	1.32
(29,1098)	1:48:A:ARG:HG3	1:49:A:LYS:HA	14	1.32
(29,1098)	1:48:A:ARG:HG2	1:49:A:LYS:HA	19	1.32
(29,1098)	1:48:A:ARG:HG3	1:49:A:LYS:HA	19	1.32
(29,814)	1:11:A:ILE:HD11	1:14:A:VAL:HB	14	1.32
(29,814)	1:11:A:ILE:HD12	1:14:A:VAL:HB	14	1.32
(29,814)	1:11:A:ILE:HD13	1:14:A:VAL:HB	14	1.32
(19,19)	1:56:A:CYS:SG	1:127:A:CYS:CB	19	1.32
(18,2132)	1:41:A:LYS:HG2	1:44:A:GLU:HG2	4	1.32
(18,2132)	1:41:A:LYS:HG2	1:44:A:GLU:HG3	4	1.32
(18,2132)	1:41:A:LYS:HG3	1:44:A:GLU:HG2	4	1.32
(18,2132)	1:41:A:LYS:HG3	1:44:A:GLU:HG3	4	1.32
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD11	3	1.32
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD12	3	1.32
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD13	3	1.32
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD21	3	1.32
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD22	3	1.32
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD23	3	1.32
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD11	3	1.32
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD12	3	1.32
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD13	3	1.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD21	3	1.32
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD22	3	1.32
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD23	3	1.32
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD11	3	1.32
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD12	3	1.32
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD13	3	1.32
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD21	3	1.32
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD22	3	1.32
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD23	3	1.32
(18,1744)	1:141:A:LYS:HA	1:149:A:ALA:H	15	1.32
(18,1697)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	1	1.32
(18,1697)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	4	1.32
(18,1697)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	18	1.32
(18,1682)	1:43:A:MET:HE1	1:131:A:LEU:HA	10	1.32
(18,1682)	1:43:A:MET:HE2	1:131:A:LEU:HA	10	1.32
(18,1682)	1:43:A:MET:HE3	1:131:A:LEU:HA	10	1.32
(18,1465)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	1	1.32
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	5	1.32
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	5	1.32
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	5	1.32
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	5	1.32
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	5	1.32
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	5	1.32
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	5	1.32
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	5	1.32
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	5	1.32
(17,1754)	1:31:A:PRO:HB2	1:35:A:LEU:HA	5	1.32
(17,1754)	1:31:A:PRO:HB3	1:35:A:LEU:HA	5	1.32
(17,1401)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	1	1.32
(17,1401)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	1	1.32
(17,1401)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	1	1.32
(17,511)	1:70:A:LYS:HG3	1:71:A:LYS:H	8	1.32
(17,60)	1:34:A:LYS:H	1:81:A:GLU:H	1	1.32
(16,2141)	1:40:A:LEU:HD11	1:43:A:MET:HG3	4	1.32
(16,2141)	1:40:A:LEU:HD12	1:43:A:MET:HG3	4	1.32
(16,2141)	1:40:A:LEU:HD13	1:43:A:MET:HG3	4	1.32
(16,2141)	1:40:A:LEU:HD21	1:43:A:MET:HG3	4	1.32
(16,2141)	1:40:A:LEU:HD22	1:43:A:MET:HG3	4	1.32
(16,2141)	1:40:A:LEU:HD23	1:43:A:MET:HG3	4	1.32
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	10	1.32
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	10	1.32
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	10	1.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	10	1.32
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	10	1.32
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	10	1.32
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	10	1.32
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	10	1.32
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	10	1.32
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	10	1.32
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	10	1.32
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	10	1.32
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	10	1.32
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	10	1.32
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	10	1.32
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	10	1.32
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	10	1.32
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	10	1.32
(16,1645)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	11	1.32
(16,1645)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	11	1.32
(16,1645)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	11	1.32
(16,1533)	1:69:A:MET:HE1	1:76:A:ARG:HB2	15	1.32
(16,1533)	1:69:A:MET:HE2	1:76:A:ARG:HB2	15	1.32
(16,1533)	1:69:A:MET:HE3	1:76:A:ARG:HB2	15	1.32
(16,350)	1:111:A:GLU:H	1:111:A:GLU:HG2	8	1.32
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD11	3	1.32
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD12	3	1.32
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD13	3	1.32
(15,2495)	1:144:A:LEU:HD11	1:147:A:ARG:HE	2	1.32
(15,2495)	1:144:A:LEU:HD12	1:147:A:ARG:HE	2	1.32
(15,2495)	1:144:A:LEU:HD13	1:147:A:ARG:HE	2	1.32
(15,2495)	1:144:A:LEU:HD21	1:147:A:ARG:HE	2	1.32
(15,2495)	1:144:A:LEU:HD22	1:147:A:ARG:HE	2	1.32
(15,2495)	1:144:A:LEU:HD23	1:147:A:ARG:HE	2	1.32
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG2	1	1.32
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG3	1	1.32
(15,2332)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	13	1.32
(15,2332)	1:108:A:GLU:HB2	1:111:A:GLU:HG3	13	1.32
(15,2332)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	13	1.32
(15,2332)	1:108:A:GLU:HB3	1:111:A:GLU:HG3	13	1.32
(15,1750)	1:141:A:LYS:HA	1:149:A:ALA:H	15	1.32
(15,1468)	1:95:A:ILE:HG21	1:97:A:ASP:H	4	1.32
(15,1468)	1:95:A:ILE:HG22	1:97:A:ASP:H	4	1.32
(15,1468)	1:95:A:ILE:HG23	1:97:A:ASP:H	4	1.32
(15,997)	1:12:A:VAL:HB	1:43:A:MET:HE1	15	1.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,997)	1:12:A:VAL:HB	1:43:A:MET:HE2	15	1.32
(15,997)	1:12:A:VAL:HB	1:43:A:MET:HE3	15	1.32
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG11	5	1.32
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG12	5	1.32
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG13	5	1.32
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG21	5	1.32
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG22	5	1.32
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG23	5	1.32
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE21	3	1.32
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE22	3	1.32
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE21	3	1.32
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE22	3	1.32
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	5	1.32
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	5	1.32
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	5	1.32
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	5	1.32
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	5	1.32
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	5	1.32
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	5	1.32
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	5	1.32
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	5	1.32
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	5	1.32
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	5	1.32
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	5	1.32
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD11	3	1.32
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD12	3	1.32
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD13	3	1.32
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD21	3	1.32
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD22	3	1.32
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD23	3	1.32
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD11	3	1.32
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD12	3	1.32
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD13	3	1.32
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD21	3	1.32
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD22	3	1.32
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD23	3	1.32
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD11	3	1.32
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD12	3	1.32
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD13	3	1.32
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD21	3	1.32
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD22	3	1.32
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD23	3	1.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1939)	1:12:A:VAL:HG11	1:81:A:GLU:H	1	1.32
(13,1939)	1:12:A:VAL:HG12	1:81:A:GLU:H	1	1.32
(13,1939)	1:12:A:VAL:HG13	1:81:A:GLU:H	1	1.32
(13,1939)	1:12:A:VAL:HG21	1:81:A:GLU:H	1	1.32
(13,1939)	1:12:A:VAL:HG22	1:81:A:GLU:H	1	1.32
(13,1939)	1:12:A:VAL:HG23	1:81:A:GLU:H	1	1.32
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	18	1.32
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	18	1.32
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	18	1.32
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	18	1.32
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	18	1.32
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	18	1.32
(13,1728)	1:141:A:LYS:HA	1:149:A:ALA:H	15	1.32
(13,873)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	9	1.32
(13,873)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	9	1.32
(13,873)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	9	1.32
(13,85)	1:30:A:LEU:H	1:144:A:LEU:HA	3	1.32
(13,57)	1:34:A:LYS:H	1:81:A:GLU:H	1	1.32
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB2	17	1.32
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB3	17	1.32
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB2	17	1.32
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB3	17	1.32
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB2	17	1.32
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB3	17	1.32
(11,1304)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	15	1.32
(11,1304)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	15	1.32
(11,1304)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	15	1.32
(11,1118)	1:146:A:GLN:HA	1:147:A:ARG:HG2	4	1.32
(11,1118)	1:146:A:GLN:HA	1:147:A:ARG:HG3	4	1.32
(9,2002)	1:17:A:ASN:HD21	1:79:A:THR:H	6	1.32
(9,2002)	1:17:A:ASN:HD22	1:79:A:THR:H	6	1.32
(9,1505)	1:43:A:MET:HE1	1:46:A:ASN:HB2	12	1.32
(9,1505)	1:43:A:MET:HE2	1:46:A:ASN:HB2	12	1.32
(9,1505)	1:43:A:MET:HE3	1:46:A:ASN:HB2	12	1.32
(9,1171)	1:136:A:CYS:HA	1:140:A:LEU:HD21	12	1.32
(9,1171)	1:136:A:CYS:HA	1:140:A:LEU:HD22	12	1.32
(9,1171)	1:136:A:CYS:HA	1:140:A:LEU:HD23	12	1.32
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD11	11	1.32
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD12	11	1.32
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD13	11	1.32
(9,937)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	11	1.32
(9,707)	1:44:A:GLU:HB2	1:48:A:ARG:HE	15	1.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,707)	1:44:A:GLU:HB3	1:48:A:ARG:HE	15	1.32
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB2	3	1.32
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB3	3	1.32
(7,2121)	1:43:A:MET:HE1	1:46:A:ASN:HD21	7	1.32
(7,2121)	1:43:A:MET:HE1	1:46:A:ASN:HD22	7	1.32
(7,2121)	1:43:A:MET:HE2	1:46:A:ASN:HD21	7	1.32
(7,2121)	1:43:A:MET:HE2	1:46:A:ASN:HD22	7	1.32
(7,2121)	1:43:A:MET:HE3	1:46:A:ASN:HD21	7	1.32
(7,2121)	1:43:A:MET:HE3	1:46:A:ASN:HD22	7	1.32
(7,2049)	1:35:A:LEU:HD11	1:143:A:TRP:HB2	3	1.32
(7,2049)	1:35:A:LEU:HD12	1:143:A:TRP:HB2	3	1.32
(7,2049)	1:35:A:LEU:HD13	1:143:A:TRP:HB2	3	1.32
(7,2049)	1:35:A:LEU:HD21	1:143:A:TRP:HB2	3	1.32
(7,2049)	1:35:A:LEU:HD22	1:143:A:TRP:HB2	3	1.32
(7,2049)	1:35:A:LEU:HD23	1:143:A:TRP:HB2	3	1.32
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD11	2	1.32
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD12	2	1.32
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD13	2	1.32
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD21	2	1.32
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD22	2	1.32
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD23	2	1.32
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD11	2	1.32
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD12	2	1.32
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD13	2	1.32
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD21	2	1.32
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD22	2	1.32
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD23	2	1.32
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD11	10	1.32
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD12	10	1.32
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD13	10	1.32
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD21	10	1.32
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD22	10	1.32
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD23	10	1.32
(7,1690)	1:21:A:THR:HG21	1:147:A:ARG:HE	18	1.32
(7,1690)	1:21:A:THR:HG22	1:147:A:ARG:HE	18	1.32
(7,1690)	1:21:A:THR:HG23	1:147:A:ARG:HE	18	1.32
(7,1675)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	1	1.32
(7,1675)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	4	1.32
(7,1675)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	18	1.32
(7,1452)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	1	1.32
(7,682)	1:145:A:PRO:HB2	1:148:A:CYS:H	2	1.32
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG2	11	1.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG3	11	1.32
(6,2149)	1:43:A:MET:HE1	1:46:A:ASN:HD21	7	1.32
(6,2149)	1:43:A:MET:HE1	1:46:A:ASN:HD22	7	1.32
(6,2149)	1:43:A:MET:HE2	1:46:A:ASN:HD21	7	1.32
(6,2149)	1:43:A:MET:HE2	1:46:A:ASN:HD22	7	1.32
(6,2149)	1:43:A:MET:HE3	1:46:A:ASN:HD21	7	1.32
(6,2149)	1:43:A:MET:HE3	1:46:A:ASN:HD22	7	1.32
(6,1980)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	9	1.32
(6,1980)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	9	1.32
(6,1980)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	9	1.32
(6,1980)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	9	1.32
(6,1980)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	9	1.32
(6,1980)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	9	1.32
(6,1980)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	9	1.32
(6,1980)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	9	1.32
(6,1980)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	9	1.32
(6,1980)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	9	1.32
(6,1980)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	9	1.32
(6,1980)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	9	1.32
(6,1871)	1:9:A:PHE:HE1	1:14:A:VAL:HB	9	1.32
(6,1871)	1:9:A:PHE:HE2	1:14:A:VAL:HB	9	1.32
(6,1160)	1:136:A:CYS:HA	1:140:A:LEU:HD21	12	1.32
(6,1160)	1:136:A:CYS:HA	1:140:A:LEU:HD22	12	1.32
(6,1160)	1:136:A:CYS:HA	1:140:A:LEU:HD23	12	1.32
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD11	3	1.32
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD12	3	1.32
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD13	3	1.32
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD11	16	1.32
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD12	16	1.32
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD13	16	1.32
(6,1071)	1:48:A:ARG:HG2	1:49:A:LYS:HA	14	1.32
(6,1071)	1:48:A:ARG:HG3	1:49:A:LYS:HA	14	1.32
(6,1071)	1:48:A:ARG:HG2	1:49:A:LYS:HA	19	1.32
(6,1071)	1:48:A:ARG:HG3	1:49:A:LYS:HA	19	1.32
(6,910)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	17	1.32
(6,910)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	17	1.32
(6,910)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	17	1.32
(6,776)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	1	1.32
(6,776)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	1	1.32
(6,776)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	1	1.32
(6,62)	1:32:A:GLY:HA2	1:81:A:GLU:H	1	1.32
(5,1576)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	9	1.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1576)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	9	1.32
(5,1576)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	9	1.32
(5,1385)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	11	1.32
(5,1385)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	11	1.32
(5,1385)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	11	1.32
(5,1329)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	14	1.32
(5,1329)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	14	1.32
(5,1329)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	14	1.32
(5,1329)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	14	1.32
(5,1329)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	14	1.32
(5,1329)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	14	1.32
(5,1329)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	14	1.32
(5,1329)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	14	1.32
(5,1329)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	14	1.32
(5,1283)	1:14:A:VAL:HG11	1:15:A:ALA:HA	8	1.32
(5,1283)	1:14:A:VAL:HG12	1:15:A:ALA:HA	8	1.32
(5,1283)	1:14:A:VAL:HG13	1:15:A:ALA:HA	8	1.32
(5,1180)	1:136:A:CYS:HA	1:140:A:LEU:HD21	12	1.32
(5,1180)	1:136:A:CYS:HA	1:140:A:LEU:HD22	12	1.32
(5,1180)	1:136:A:CYS:HA	1:140:A:LEU:HD23	12	1.32
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD11	11	1.32
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD12	11	1.32
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD13	11	1.32
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG11	5	1.32
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG12	5	1.32
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG13	5	1.32
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG21	5	1.32
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG22	5	1.32
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG23	5	1.32
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD11	5	1.32
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD12	5	1.32
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD13	5	1.32
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD21	5	1.32
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD22	5	1.32
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD23	5	1.32
(4,1822)	1:13:A:ALA:HA	1:80:A:TYR:HE1	11	1.32
(4,1822)	1:13:A:ALA:HA	1:80:A:TYR:HE2	11	1.32
(4,1743)	1:141:A:LYS:HA	1:149:A:ALA:H	15	1.32
(4,1322)	1:105:A:LYS:HD2	1:106:A:ASP:HA	16	1.32
(4,1322)	1:105:A:LYS:HD3	1:106:A:ASP:HA	16	1.32
(4,913)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	17	1.32
(4,913)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	17	1.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,913)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	17	1.32
(4,776)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	1	1.32
(4,776)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	1	1.32
(4,776)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	1	1.32
(4,213)	1:44:A:GLU:HG2	1:48:A:ARG:H	1	1.32
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	12	1.32
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	12	1.32
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	12	1.32
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	15	1.32
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	15	1.32
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG11	16	1.32
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG12	16	1.32
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG13	16	1.32
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG21	16	1.32
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG22	16	1.32
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG23	16	1.32
(2,2027)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	13	1.32
(2,2027)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	13	1.32
(2,2027)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	13	1.32
(2,2027)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	13	1.32
(2,2027)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	13	1.32
(2,2027)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	13	1.32
(2,1781)	1:141:A:LYS:HA	1:149:A:ALA:H	15	1.32
(2,1756)	1:31:A:PRO:HB2	1:35:A:LEU:HA	5	1.32
(2,1756)	1:31:A:PRO:HB3	1:35:A:LEU:HA	5	1.32
(2,92)	1:95:A:ILE:HG21	1:97:A:ASP:H	6	1.32
(2,92)	1:95:A:ILE:HG22	1:97:A:ASP:H	6	1.32
(2,92)	1:95:A:ILE:HG23	1:97:A:ASP:H	6	1.32
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	13	1.32
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	13	1.32
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	13	1.32
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	13	1.32
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	13	1.32
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	13	1.32
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	13	1.32
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	13	1.32
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	13	1.32
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	13	1.32
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	13	1.32
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	13	1.32
(1,1722)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	1	1.32
(1,1722)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	4	1.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1722)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	18	1.32
(1,1483)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	1	1.32
(1,1055)	1:11:A:ILE:HA	1:14:A:VAL:HB	9	1.32
(1,1055)	1:11:A:ILE:HA	1:14:A:VAL:HB	19	1.32
(1,915)	1:67:A:PRO:HD3	1:95:A:ILE:HB	3	1.32
(34,1977)	1:12:A:VAL:HG11	1:79:A:THR:HA	17	1.31
(34,1977)	1:12:A:VAL:HG12	1:79:A:THR:HA	17	1.31
(34,1977)	1:12:A:VAL:HG13	1:79:A:THR:HA	17	1.31
(34,1977)	1:12:A:VAL:HG21	1:79:A:THR:HA	17	1.31
(34,1977)	1:12:A:VAL:HG22	1:79:A:THR:HA	17	1.31
(34,1977)	1:12:A:VAL:HG23	1:79:A:THR:HA	17	1.31
(34,1928)	1:14:A:VAL:HB	1:18:A:PHE:HZ	13	1.31
(34,1640)	1:13:A:ALA:HA	1:80:A:TYR:HB3	17	1.31
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	16	1.31
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	16	1.31
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	16	1.31
(34,1347)	1:106:A:ASP:HA	1:112:A:GLN:HE21	10	1.31
(34,1088)	1:13:A:ALA:HB1	1:79:A:THR:HA	8	1.31
(34,1088)	1:13:A:ALA:HB2	1:79:A:THR:HA	8	1.31
(34,1088)	1:13:A:ALA:HB3	1:79:A:THR:HA	8	1.31
(34,947)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	6	1.31
(34,947)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	6	1.31
(34,947)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	6	1.31
(34,947)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	6	1.31
(34,840)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	3	1.31
(34,840)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	3	1.31
(34,840)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	3	1.31
(34,840)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	3	1.31
(34,840)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	3	1.31
(34,840)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	3	1.31
(34,530)	1:70:A:LYS:HG3	1:71:A:LYS:H	5	1.31
(33,2068)	1:32:A:GLY:HA2	1:34:A:LYS:H	18	1.31
(33,2068)	1:32:A:GLY:HA3	1:34:A:LYS:H	18	1.31
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD11	15	1.31
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD12	15	1.31
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD13	15	1.31
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD21	15	1.31
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD22	15	1.31
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD23	15	1.31
(33,1729)	1:19:A:ALA:H	1:132:A:ALA:HA	14	1.31
(33,1058)	1:13:A:ALA:HB1	1:79:A:THR:HA	8	1.31
(33,1058)	1:13:A:ALA:HB2	1:79:A:THR:HA	8	1.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1058)	1:13:A:ALA:HB3	1:79:A:THR:HA	8	1.31
(33,934)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	6	1.31
(33,934)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	6	1.31
(33,934)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	6	1.31
(33,934)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	6	1.31
(33,799)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	17	1.31
(33,799)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	17	1.31
(33,799)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	17	1.31
(33,799)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	17	1.31
(33,799)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	17	1.31
(33,799)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	17	1.31
(32,2038)	1:31:A:PRO:HD2	1:35:A:LEU:HG	5	1.31
(32,2038)	1:31:A:PRO:HD3	1:35:A:LEU:HG	5	1.31
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD11	15	1.31
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD12	15	1.31
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD13	15	1.31
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD21	15	1.31
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD22	15	1.31
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD23	15	1.31
(32,1925)	1:11:A:ILE:HG13	1:44:A:GLU:HG2	17	1.31
(32,1925)	1:11:A:ILE:HG13	1:44:A:GLU:HG3	17	1.31
(32,1884)	1:14:A:VAL:HB	1:18:A:PHE:HZ	13	1.31
(32,1666)	1:67:A:PRO:HD3	1:96:A:VAL:HG11	6	1.31
(32,1666)	1:67:A:PRO:HD3	1:96:A:VAL:HG12	6	1.31
(32,1666)	1:67:A:PRO:HD3	1:96:A:VAL:HG13	6	1.31
(32,1665)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	17	1.31
(32,1665)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	17	1.31
(32,1665)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	17	1.31
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE1	16	1.31
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE2	16	1.31
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE3	16	1.31
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE1	16	1.31
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE2	16	1.31
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE3	16	1.31
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE1	16	1.31
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE2	16	1.31
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE3	16	1.31
(32,1357)	1:19:A:ALA:HB1	1:132:A:ALA:HA	7	1.31
(32,1357)	1:19:A:ALA:HB2	1:132:A:ALA:HA	7	1.31
(32,1357)	1:19:A:ALA:HB3	1:132:A:ALA:HA	7	1.31
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD21	10	1.31
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD22	10	1.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD23	10	1.31
(32,1029)	1:13:A:ALA:HB1	1:79:A:THR:HA	8	1.31
(32,1029)	1:13:A:ALA:HB2	1:79:A:THR:HA	8	1.31
(32,1029)	1:13:A:ALA:HB3	1:79:A:THR:HA	8	1.31
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD11	14	1.31
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD12	14	1.31
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD13	14	1.31
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD21	14	1.31
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD22	14	1.31
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD23	14	1.31
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD11	6	1.31
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD12	6	1.31
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD13	6	1.31
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD11	6	1.31
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD12	6	1.31
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD13	6	1.31
(30,1921)	1:14:A:VAL:HB	1:18:A:PHE:HZ	13	1.31
(30,1766)	1:39:A:VAL:HG21	1:144:A:LEU:H	3	1.31
(30,1766)	1:39:A:VAL:HG22	1:144:A:LEU:H	3	1.31
(30,1766)	1:39:A:VAL:HG23	1:144:A:LEU:H	3	1.31
(30,1716)	1:67:A:PRO:HD3	1:96:A:VAL:HG11	6	1.31
(30,1716)	1:67:A:PRO:HD3	1:96:A:VAL:HG12	6	1.31
(30,1716)	1:67:A:PRO:HD3	1:96:A:VAL:HG13	6	1.31
(30,1715)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	17	1.31
(30,1715)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	17	1.31
(30,1715)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	17	1.31
(30,1166)	1:140:A:LEU:HD21	1:144:A:LEU:H	3	1.31
(30,1166)	1:140:A:LEU:HD22	1:144:A:LEU:H	3	1.31
(30,1166)	1:140:A:LEU:HD23	1:144:A:LEU:H	3	1.31
(30,1099)	1:18:A:PHE:HA	1:113:A:PHE:HZ	10	1.31
(30,1056)	1:134:A:VAL:HG21	1:140:A:LEU:HG	17	1.31
(30,1056)	1:134:A:VAL:HG22	1:140:A:LEU:HG	17	1.31
(30,1056)	1:134:A:VAL:HG23	1:140:A:LEU:HG	17	1.31
(30,1050)	1:13:A:ALA:HB1	1:79:A:THR:HA	8	1.31
(30,1050)	1:13:A:ALA:HB2	1:79:A:THR:HA	8	1.31
(30,1050)	1:13:A:ALA:HB3	1:79:A:THR:HA	8	1.31
(30,833)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	3	1.31
(30,833)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	3	1.31
(30,833)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	3	1.31
(30,833)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	3	1.31
(30,833)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	3	1.31
(30,833)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	3	1.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,581)	1:129:A:LYS:HG2	1:130:A:GLY:H	8	1.31
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD11	14	1.31
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD12	14	1.31
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD13	14	1.31
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD21	14	1.31
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD22	14	1.31
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD23	14	1.31
(29,2382)	1:130:A:GLY:H	1:133:A:ASN:HB2	19	1.31
(29,2382)	1:130:A:GLY:H	1:133:A:ASN:HB3	19	1.31
(29,1938)	1:14:A:VAL:HB	1:18:A:PHE:HZ	13	1.31
(29,1838)	1:9:A:PHE:HZ	1:54:A:ARG:HE	19	1.31
(29,1784)	1:39:A:VAL:HG21	1:144:A:LEU:H	3	1.31
(29,1784)	1:39:A:VAL:HG22	1:144:A:LEU:H	3	1.31
(29,1784)	1:39:A:VAL:HG23	1:144:A:LEU:H	3	1.31
(29,1483)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	7	1.31
(29,1098)	1:48:A:ARG:HG2	1:49:A:LYS:HA	4	1.31
(29,1098)	1:48:A:ARG:HG3	1:49:A:LYS:HA	4	1.31
(29,1076)	1:13:A:ALA:HB1	1:79:A:THR:HA	8	1.31
(29,1076)	1:13:A:ALA:HB2	1:79:A:THR:HA	8	1.31
(29,1076)	1:13:A:ALA:HB3	1:79:A:THR:HA	8	1.31
(29,847)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	3	1.31
(29,847)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	3	1.31
(29,847)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	3	1.31
(29,847)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	3	1.31
(29,847)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	3	1.31
(29,847)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	3	1.31
(29,720)	1:44:A:GLU:HG3	1:48:A:ARG:HE	9	1.31
(29,714)	1:23:A:LEU:HB2	1:27:A:ARG:HE	11	1.31
(29,714)	1:23:A:LEU:HB3	1:27:A:ARG:HE	11	1.31
(29,709)	1:144:A:LEU:HD11	1:147:A:ARG:HE	10	1.31
(29,709)	1:144:A:LEU:HD12	1:147:A:ARG:HE	10	1.31
(29,709)	1:144:A:LEU:HD13	1:147:A:ARG:HE	10	1.31
(20,2)	1:123:A:CYS:SG	1:127:A:CYS:SG	7	1.31
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD11	17	1.31
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD12	17	1.31
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD13	17	1.31
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD21	17	1.31
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD22	17	1.31
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD23	17	1.31
(18,1910)	1:14:A:VAL:HB	1:18:A:PHE:HZ	13	1.31
(18,1695)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	17	1.31
(18,1695)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	17	1.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1695)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	17	1.31
(18,1684)	1:43:A:MET:HE1	1:131:A:LEU:HB3	12	1.31
(18,1684)	1:43:A:MET:HE2	1:131:A:LEU:HB3	12	1.31
(18,1684)	1:43:A:MET:HE3	1:131:A:LEU:HB3	12	1.31
(18,1465)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	7	1.31
(18,671)	1:101:A:ILE:HB	1:103:A:ARG:H	7	1.31
(18,153)	1:67:A:PRO:HD3	1:95:A:ILE:H	11	1.31
(17,1938)	1:14:A:VAL:HB	1:18:A:PHE:HZ	13	1.31
(17,1915)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	2	1.31
(17,1915)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	2	1.31
(17,1915)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	2	1.31
(17,1915)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	2	1.31
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	12	1.31
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	12	1.31
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	12	1.31
(17,1778)	1:39:A:VAL:HG21	1:144:A:LEU:H	3	1.31
(17,1778)	1:39:A:VAL:HG22	1:144:A:LEU:H	3	1.31
(17,1778)	1:39:A:VAL:HG23	1:144:A:LEU:H	3	1.31
(17,1723)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	17	1.31
(17,1723)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	17	1.31
(17,1723)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	17	1.31
(17,1234)	1:34:A:LYS:H	1:81:A:GLU:HA	1	1.31
(17,1069)	1:13:A:ALA:HB1	1:79:A:THR:HA	8	1.31
(17,1069)	1:13:A:ALA:HB2	1:79:A:THR:HA	8	1.31
(17,1069)	1:13:A:ALA:HB3	1:79:A:THR:HA	8	1.31
(17,715)	1:44:A:GLU:HG3	1:48:A:ARG:HE	9	1.31
(16,2141)	1:40:A:LEU:HD11	1:43:A:MET:HG3	9	1.31
(16,2141)	1:40:A:LEU:HD12	1:43:A:MET:HG3	9	1.31
(16,2141)	1:40:A:LEU:HD13	1:43:A:MET:HG3	9	1.31
(16,2141)	1:40:A:LEU:HD21	1:43:A:MET:HG3	9	1.31
(16,2141)	1:40:A:LEU:HD22	1:43:A:MET:HG3	9	1.31
(16,2141)	1:40:A:LEU:HD23	1:43:A:MET:HG3	9	1.31
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD11	15	1.31
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD12	15	1.31
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD13	15	1.31
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD21	15	1.31
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD22	15	1.31
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD23	15	1.31
(16,2029)	1:21:A:THR:HB	1:23:A:LEU:HD11	10	1.31
(16,2029)	1:21:A:THR:HB	1:23:A:LEU:HD12	10	1.31
(16,2029)	1:21:A:THR:HB	1:23:A:LEU:HD13	10	1.31
(16,2029)	1:21:A:THR:HB	1:23:A:LEU:HD21	10	1.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2029)	1:21:A:THR:HB	1:23:A:LEU:HD22	10	1.31
(16,2029)	1:21:A:THR:HB	1:23:A:LEU:HD23	10	1.31
(16,1907)	1:14:A:VAL:HB	1:18:A:PHE:HZ	13	1.31
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	12	1.31
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	12	1.31
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	12	1.31
(16,1756)	1:39:A:VAL:HG21	1:144:A:LEU:H	3	1.31
(16,1756)	1:39:A:VAL:HG22	1:144:A:LEU:H	3	1.31
(16,1756)	1:39:A:VAL:HG23	1:144:A:LEU:H	3	1.31
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG11	6	1.31
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG12	6	1.31
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG13	6	1.31
(16,1637)	1:132:A:ALA:HB1	1:134:A:VAL:HG21	1	1.31
(16,1637)	1:132:A:ALA:HB1	1:134:A:VAL:HG22	1	1.31
(16,1637)	1:132:A:ALA:HB1	1:134:A:VAL:HG23	1	1.31
(16,1637)	1:132:A:ALA:HB2	1:134:A:VAL:HG21	1	1.31
(16,1637)	1:132:A:ALA:HB2	1:134:A:VAL:HG22	1	1.31
(16,1637)	1:132:A:ALA:HB2	1:134:A:VAL:HG23	1	1.31
(16,1637)	1:132:A:ALA:HB3	1:134:A:VAL:HG21	1	1.31
(16,1637)	1:132:A:ALA:HB3	1:134:A:VAL:HG22	1	1.31
(16,1637)	1:132:A:ALA:HB3	1:134:A:VAL:HG23	1	1.31
(16,1393)	1:19:A:ALA:HB1	1:132:A:ALA:HA	4	1.31
(16,1393)	1:19:A:ALA:HB2	1:132:A:ALA:HA	4	1.31
(16,1393)	1:19:A:ALA:HB3	1:132:A:ALA:HA	4	1.31
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	8	1.31
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	8	1.31
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	8	1.31
(16,658)	1:79:A:THR:H	1:80:A:TYR:HD1	7	1.31
(16,658)	1:79:A:THR:H	1:80:A:TYR:HD2	7	1.31
(15,2498)	1:145:A:PRO:HD2	1:147:A:ARG:H	3	1.31
(15,2498)	1:145:A:PRO:HD3	1:147:A:ARG:H	3	1.31
(15,2332)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	2	1.31
(15,2332)	1:108:A:GLU:HB2	1:111:A:GLU:HG3	2	1.31
(15,2332)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	2	1.31
(15,2332)	1:108:A:GLU:HB3	1:111:A:GLU:HG3	2	1.31
(15,2332)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	4	1.31
(15,2332)	1:108:A:GLU:HB2	1:111:A:GLU:HG3	4	1.31
(15,2332)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	4	1.31
(15,2332)	1:108:A:GLU:HB3	1:111:A:GLU:HG3	4	1.31
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD11	6	1.31
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD12	6	1.31
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD13	6	1.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD21	6	1.31
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD22	6	1.31
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD23	6	1.31
(15,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	14	1.31
(15,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	14	1.31
(15,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	14	1.31
(15,1218)	1:11:A:ILE:HD11	1:131:A:LEU:HA	13	1.31
(15,1218)	1:11:A:ILE:HD12	1:131:A:LEU:HA	13	1.31
(15,1218)	1:11:A:ILE:HD13	1:131:A:LEU:HA	13	1.31
(15,1064)	1:13:A:ALA:HB1	1:79:A:THR:HA	8	1.31
(15,1064)	1:13:A:ALA:HB2	1:79:A:THR:HA	8	1.31
(15,1064)	1:13:A:ALA:HB3	1:79:A:THR:HA	8	1.31
(15,990)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	12	1.31
(15,990)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	12	1.31
(15,926)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	6	1.31
(15,926)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	6	1.31
(15,926)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	6	1.31
(15,926)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	6	1.31
(15,838)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	3	1.31
(15,838)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	3	1.31
(15,838)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	3	1.31
(15,838)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	3	1.31
(15,838)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	3	1.31
(15,838)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	3	1.31
(15,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	10	1.31
(15,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	10	1.31
(15,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	10	1.31
(13,1300)	1:106:A:ASP:HA	1:112:A:GLN:HE21	10	1.31
(13,1044)	1:13:A:ALA:HB1	1:79:A:THR:HA	8	1.31
(13,1044)	1:13:A:ALA:HB2	1:79:A:THR:HA	8	1.31
(13,1044)	1:13:A:ALA:HB3	1:79:A:THR:HA	8	1.31
(13,821)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	3	1.31
(13,821)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	3	1.31
(13,821)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	3	1.31
(13,821)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	3	1.31
(13,821)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	3	1.31
(13,821)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	3	1.31
(13,51)	1:47:A:ALA:H	1:134:A:VAL:HG21	4	1.31
(13,51)	1:47:A:ALA:H	1:134:A:VAL:HG22	4	1.31
(13,51)	1:47:A:ALA:H	1:134:A:VAL:HG23	4	1.31
(11,2238)	1:66:A:THR:H	1:70:A:LYS:HD2	3	1.31
(11,2238)	1:66:A:THR:H	1:70:A:LYS:HD3	3	1.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2135)	1:39:A:VAL:HG11	1:144:A:LEU:H	9	1.31
(11,2135)	1:39:A:VAL:HG12	1:144:A:LEU:H	9	1.31
(11,2135)	1:39:A:VAL:HG13	1:144:A:LEU:H	9	1.31
(11,2135)	1:39:A:VAL:HG21	1:144:A:LEU:H	9	1.31
(11,2135)	1:39:A:VAL:HG22	1:144:A:LEU:H	9	1.31
(11,2135)	1:39:A:VAL:HG23	1:144:A:LEU:H	9	1.31
(11,2048)	1:21:A:THR:HB	1:23:A:LEU:HD11	10	1.31
(11,2048)	1:21:A:THR:HB	1:23:A:LEU:HD12	10	1.31
(11,2048)	1:21:A:THR:HB	1:23:A:LEU:HD13	10	1.31
(11,2048)	1:21:A:THR:HB	1:23:A:LEU:HD21	10	1.31
(11,2048)	1:21:A:THR:HB	1:23:A:LEU:HD22	10	1.31
(11,2048)	1:21:A:THR:HB	1:23:A:LEU:HD23	10	1.31
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	19	1.31
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	19	1.31
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	19	1.31
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD21	19	1.31
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD22	19	1.31
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD23	19	1.31
(11,1798)	1:39:A:VAL:HG21	1:144:A:LEU:H	3	1.31
(11,1798)	1:39:A:VAL:HG22	1:144:A:LEU:H	3	1.31
(11,1798)	1:39:A:VAL:HG23	1:144:A:LEU:H	3	1.31
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD21	11	1.31
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD22	11	1.31
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD23	11	1.31
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD2	2	1.31
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD3	2	1.31
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD2	2	1.31
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD3	2	1.31
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD2	2	1.31
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD3	2	1.31
(11,1383)	1:21:A:THR:HG21	1:23:A:LEU:HD11	10	1.31
(11,1383)	1:21:A:THR:HG21	1:23:A:LEU:HD12	10	1.31
(11,1383)	1:21:A:THR:HG21	1:23:A:LEU:HD13	10	1.31
(11,1383)	1:21:A:THR:HG22	1:23:A:LEU:HD11	10	1.31
(11,1383)	1:21:A:THR:HG22	1:23:A:LEU:HD12	10	1.31
(11,1383)	1:21:A:THR:HG22	1:23:A:LEU:HD13	10	1.31
(11,1383)	1:21:A:THR:HG23	1:23:A:LEU:HD11	10	1.31
(11,1383)	1:21:A:THR:HG23	1:23:A:LEU:HD12	10	1.31
(11,1383)	1:21:A:THR:HG23	1:23:A:LEU:HD13	10	1.31
(11,759)	1:37:A:LEU:H	1:40:A:LEU:HB3	17	1.31
(11,654)	1:79:A:THR:H	1:80:A:TYR:HD1	7	1.31
(11,654)	1:79:A:THR:H	1:80:A:TYR:HD2	7	1.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1919)	1:14:A:VAL:HB	1:18:A:PHE:HZ	13	1.31
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	12	1.31
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	12	1.31
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	12	1.31
(9,1617)	1:125:A:THR:HA	1:127:A:CYS:HB3	2	1.31
(9,1463)	1:67:A:PRO:HD3	1:95:A:ILE:HA	17	1.31
(9,910)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	13	1.31
(9,832)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	3	1.31
(9,832)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	3	1.31
(9,832)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	3	1.31
(9,832)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	3	1.31
(9,832)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	3	1.31
(9,832)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	3	1.31
(9,743)	1:105:A:LYS:HG2	1:112:A:GLN:HE21	4	1.31
(7,2402)	1:130:A:GLY:H	1:133:A:ASN:HB2	19	1.31
(7,2402)	1:130:A:GLY:H	1:133:A:ASN:HB3	19	1.31
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD1	7	1.31
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD2	7	1.31
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD1	7	1.31
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD2	7	1.31
(7,1726)	1:39:A:VAL:HG21	1:144:A:LEU:H	3	1.31
(7,1726)	1:39:A:VAL:HG22	1:144:A:LEU:H	3	1.31
(7,1726)	1:39:A:VAL:HG23	1:144:A:LEU:H	3	1.31
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE1	16	1.31
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE2	16	1.31
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE3	16	1.31
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE1	16	1.31
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE2	16	1.31
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE3	16	1.31
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE1	16	1.31
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE2	16	1.31
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE3	16	1.31
(7,1452)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	7	1.31
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD11	14	1.31
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD12	14	1.31
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD13	14	1.31
(7,1038)	1:13:A:ALA:HB1	1:79:A:THR:HA	8	1.31
(7,1038)	1:13:A:ALA:HB2	1:79:A:THR:HA	8	1.31
(7,1038)	1:13:A:ALA:HB3	1:79:A:THR:HA	8	1.31
(7,970)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	12	1.31
(7,970)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	12	1.31
(7,917)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	6	1.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,917)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	6	1.31
(7,917)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	6	1.31
(7,917)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	6	1.31
(7,823)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	3	1.31
(7,823)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	3	1.31
(7,823)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	3	1.31
(7,823)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	3	1.31
(7,823)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	3	1.31
(7,823)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	3	1.31
(7,795)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	4	1.31
(7,743)	1:43:A:MET:HE1	1:134:A:VAL:H	16	1.31
(7,743)	1:43:A:MET:HE2	1:134:A:VAL:H	16	1.31
(7,743)	1:43:A:MET:HE3	1:134:A:VAL:H	16	1.31
(7,580)	1:50:A:ALA:HB1	1:126:A:GLY:H	13	1.31
(7,580)	1:50:A:ALA:HB2	1:126:A:GLY:H	13	1.31
(7,580)	1:50:A:ALA:HB3	1:126:A:GLY:H	13	1.31
(6,2039)	1:21:A:THR:HB	1:23:A:LEU:HD11	10	1.31
(6,2039)	1:21:A:THR:HB	1:23:A:LEU:HD12	10	1.31
(6,2039)	1:21:A:THR:HB	1:23:A:LEU:HD13	10	1.31
(6,2039)	1:21:A:THR:HB	1:23:A:LEU:HD21	10	1.31
(6,2039)	1:21:A:THR:HB	1:23:A:LEU:HD22	10	1.31
(6,2039)	1:21:A:THR:HB	1:23:A:LEU:HD23	10	1.31
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	12	1.31
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	12	1.31
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	12	1.31
(6,1711)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	17	1.31
(6,1711)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	17	1.31
(6,1711)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	17	1.31
(6,1256)	1:15:A:ALA:HA	1:131:A:LEU:HB2	13	1.31
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD11	8	1.31
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD12	8	1.31
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD13	8	1.31
(6,1071)	1:48:A:ARG:HG2	1:49:A:LYS:HA	4	1.31
(6,1071)	1:48:A:ARG:HG3	1:49:A:LYS:HA	4	1.31
(6,1044)	1:13:A:ALA:HB1	1:79:A:THR:HA	8	1.31
(6,1044)	1:13:A:ALA:HB2	1:79:A:THR:HA	8	1.31
(6,1044)	1:13:A:ALA:HB3	1:79:A:THR:HA	8	1.31
(5,2146)	1:43:A:MET:HE1	1:144:A:LEU:HB2	5	1.31
(5,2146)	1:43:A:MET:HE1	1:144:A:LEU:HB3	5	1.31
(5,2146)	1:43:A:MET:HE2	1:144:A:LEU:HB2	5	1.31
(5,2146)	1:43:A:MET:HE2	1:144:A:LEU:HB3	5	1.31
(5,2146)	1:43:A:MET:HE3	1:144:A:LEU:HB2	5	1.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2146)	1:43:A:MET:HE3	1:144:A:LEU:HB3	5	1.31
(5,2127)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	4	1.31
(5,2127)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	4	1.31
(5,2127)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	4	1.31
(5,2127)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	4	1.31
(5,2127)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	4	1.31
(5,2127)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	4	1.31
(5,1809)	1:13:A:ALA:H	1:80:A:TYR:HD1	19	1.31
(5,1809)	1:13:A:ALA:H	1:80:A:TYR:HD2	19	1.31
(5,1788)	1:39:A:VAL:HG21	1:144:A:LEU:H	3	1.31
(5,1788)	1:39:A:VAL:HG22	1:144:A:LEU:H	3	1.31
(5,1788)	1:39:A:VAL:HG23	1:144:A:LEU:H	3	1.31
(5,1732)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	17	1.31
(5,1732)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	17	1.31
(5,1732)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	17	1.31
(5,1329)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	4	1.31
(5,1329)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	4	1.31
(5,1329)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	4	1.31
(5,1329)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	4	1.31
(5,1329)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	4	1.31
(5,1329)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	4	1.31
(5,1329)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	4	1.31
(5,1329)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	4	1.31
(5,1329)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	4	1.31
(5,1329)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	19	1.31
(5,1329)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	19	1.31
(5,1329)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	19	1.31
(5,1329)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	19	1.31
(5,1329)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	19	1.31
(5,1329)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	19	1.31
(5,1329)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	19	1.31
(5,1329)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	19	1.31
(5,1329)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	19	1.31
(5,1283)	1:14:A:VAL:HG11	1:15:A:ALA:HA	3	1.31
(5,1283)	1:14:A:VAL:HG12	1:15:A:ALA:HA	3	1.31
(5,1283)	1:14:A:VAL:HG13	1:15:A:ALA:HA	3	1.31
(5,1283)	1:14:A:VAL:HG11	1:15:A:ALA:HA	19	1.31
(5,1283)	1:14:A:VAL:HG12	1:15:A:ALA:HA	19	1.31
(5,1283)	1:14:A:VAL:HG13	1:15:A:ALA:HA	19	1.31
(5,1068)	1:13:A:ALA:HB1	1:79:A:THR:HA	8	1.31
(5,1068)	1:13:A:ALA:HB2	1:79:A:THR:HA	8	1.31
(5,1068)	1:13:A:ALA:HB3	1:79:A:THR:HA	8	1.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,929)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	6	1.31
(5,929)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	6	1.31
(5,929)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	6	1.31
(5,929)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	6	1.31
(5,887)	1:11:A:ILE:HB	1:44:A:GLU:HG3	5	1.31
(5,620)	1:67:A:PRO:HD2	1:96:A:VAL:H	17	1.31
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD21	17	1.31
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD22	17	1.31
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD23	17	1.31
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD21	17	1.31
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD22	17	1.31
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD23	17	1.31
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD21	17	1.31
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD22	17	1.31
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD23	17	1.31
(4,2126)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	19	1.31
(4,2126)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	19	1.31
(4,2126)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	19	1.31
(4,2126)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	19	1.31
(4,2126)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	19	1.31
(4,2126)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	19	1.31
(4,2126)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	19	1.31
(4,2126)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	19	1.31
(4,2126)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	19	1.31
(4,2126)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	19	1.31
(4,2126)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	19	1.31
(4,2126)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	19	1.31
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD11	15	1.31
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD12	15	1.31
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD13	15	1.31
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD21	15	1.31
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD22	15	1.31
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD23	15	1.31
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD11	15	1.31
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD12	15	1.31
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD13	15	1.31
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD21	15	1.31
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD22	15	1.31
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD23	15	1.31
(4,1998)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	7	1.31
(4,1998)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	7	1.31
(4,1998)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	7	1.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1998)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	7	1.31
(4,1998)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	7	1.31
(4,1998)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	7	1.31
(4,1998)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	7	1.31
(4,1998)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	7	1.31
(4,1998)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	7	1.31
(4,1998)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	7	1.31
(4,1998)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	7	1.31
(4,1998)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	7	1.31
(4,1998)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	7	1.31
(4,1998)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	7	1.31
(4,1998)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	7	1.31
(4,1998)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	7	1.31
(4,1998)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	7	1.31
(4,1998)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	7	1.31
(4,1254)	1:44:A:GLU:HG2	1:45:A:ALA:HA	10	1.31
(4,1200)	1:34:A:LYS:H	1:81:A:GLU:HA	5	1.31
(4,975)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	12	1.31
(4,975)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	12	1.31
(4,830)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	3	1.31
(4,830)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	3	1.31
(4,830)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	3	1.31
(4,830)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	3	1.31
(4,830)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	3	1.31
(4,830)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	3	1.31
(4,749)	1:37:A:LEU:H	1:40:A:LEU:HB3	17	1.31
(4,740)	1:43:A:MET:HE1	1:134:A:VAL:H	16	1.31
(4,740)	1:43:A:MET:HE2	1:134:A:VAL:H	16	1.31
(4,740)	1:43:A:MET:HE3	1:134:A:VAL:H	16	1.31
(3,2445)	1:130:A:GLY:H	1:133:A:ASN:HB2	19	1.31
(3,2445)	1:130:A:GLY:H	1:133:A:ASN:HB3	19	1.31
(3,2145)	1:39:A:VAL:HG11	1:144:A:LEU:H	9	1.31
(3,2145)	1:39:A:VAL:HG12	1:144:A:LEU:H	9	1.31
(3,2145)	1:39:A:VAL:HG13	1:144:A:LEU:H	9	1.31
(3,2145)	1:39:A:VAL:HG21	1:144:A:LEU:H	9	1.31
(3,2145)	1:39:A:VAL:HG22	1:144:A:LEU:H	9	1.31
(3,2145)	1:39:A:VAL:HG23	1:144:A:LEU:H	9	1.31
(3,2088)	1:34:A:LYS:H	1:81:A:GLU:HB2	6	1.31
(3,2088)	1:34:A:LYS:H	1:81:A:GLU:HB3	6	1.31
(3,1996)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	16	1.31
(3,1996)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	16	1.31
(3,1996)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	16	1.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1996)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	16	1.31
(3,1996)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	16	1.31
(3,1996)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	16	1.31
(3,1996)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	16	1.31
(3,1996)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	16	1.31
(3,1996)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	16	1.31
(3,1996)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	16	1.31
(3,1996)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	16	1.31
(3,1996)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	16	1.31
(3,1950)	1:14:A:VAL:HB	1:18:A:PHE:HZ	13	1.31
(3,1795)	1:39:A:VAL:HG21	1:144:A:LEU:H	3	1.31
(3,1795)	1:39:A:VAL:HG22	1:144:A:LEU:H	3	1.31
(3,1795)	1:39:A:VAL:HG23	1:144:A:LEU:H	3	1.31
(3,1741)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	17	1.31
(3,1741)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	17	1.31
(3,1741)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	17	1.31
(3,1659)	1:125:A:THR:HA	1:127:A:CYS:HB3	2	1.31
(3,1576)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	10	1.31
(3,1576)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	10	1.31
(3,1576)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	10	1.31
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE1	16	1.31
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE2	16	1.31
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE3	16	1.31
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE1	16	1.31
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE2	16	1.31
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE3	16	1.31
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE1	16	1.31
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE2	16	1.31
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE3	16	1.31
(3,945)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	6	1.31
(3,945)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	6	1.31
(3,945)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	6	1.31
(3,945)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	6	1.31
(3,772)	1:37:A:LEU:H	1:40:A:LEU:HB3	17	1.31
(3,714)	1:23:A:LEU:HB2	1:27:A:ARG:HE	11	1.31
(3,714)	1:23:A:LEU:HB3	1:27:A:ARG:HE	11	1.31
(3,662)	1:100:A:ALA:H	1:119:A:LEU:HG	13	1.31
(3,585)	1:50:A:ALA:HB1	1:126:A:GLY:H	13	1.31
(3,585)	1:50:A:ALA:HB2	1:126:A:GLY:H	13	1.31
(3,585)	1:50:A:ALA:HB3	1:126:A:GLY:H	13	1.31
(3,485)	1:145:A:PRO:HB2	1:148:A:CYS:H	14	1.31
(3,152)	1:67:A:PRO:HD3	1:95:A:ILE:H	11	1.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG11	1	1.31
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG12	1	1.31
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG13	1	1.31
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG21	1	1.31
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG22	1	1.31
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG23	1	1.31
(2,2141)	1:40:A:LEU:HD11	1:41:A:LYS:HA	13	1.31
(2,2141)	1:40:A:LEU:HD12	1:41:A:LYS:HA	13	1.31
(2,2141)	1:40:A:LEU:HD13	1:41:A:LYS:HA	13	1.31
(2,2141)	1:40:A:LEU:HD21	1:41:A:LYS:HA	13	1.31
(2,2141)	1:40:A:LEU:HD22	1:41:A:LYS:HA	13	1.31
(2,2141)	1:40:A:LEU:HD23	1:41:A:LYS:HA	13	1.31
(2,2134)	1:39:A:VAL:HG11	1:144:A:LEU:H	3	1.31
(2,2134)	1:39:A:VAL:HG12	1:144:A:LEU:H	3	1.31
(2,2134)	1:39:A:VAL:HG13	1:144:A:LEU:H	3	1.31
(2,2134)	1:39:A:VAL:HG21	1:144:A:LEU:H	3	1.31
(2,2134)	1:39:A:VAL:HG22	1:144:A:LEU:H	3	1.31
(2,2134)	1:39:A:VAL:HG23	1:144:A:LEU:H	3	1.31
(2,2049)	1:21:A:THR:HB	1:23:A:LEU:HD11	10	1.31
(2,2049)	1:21:A:THR:HB	1:23:A:LEU:HD12	10	1.31
(2,2049)	1:21:A:THR:HB	1:23:A:LEU:HD13	10	1.31
(2,2049)	1:21:A:THR:HB	1:23:A:LEU:HD21	10	1.31
(2,2049)	1:21:A:THR:HB	1:23:A:LEU:HD22	10	1.31
(2,2049)	1:21:A:THR:HB	1:23:A:LEU:HD23	10	1.31
(2,1949)	1:14:A:VAL:HB	1:18:A:PHE:HZ	13	1.31
(2,1643)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	2	1.31
(2,1272)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	8	1.31
(2,1272)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	8	1.31
(2,1272)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	8	1.31
(2,1054)	1:13:A:ALA:HB1	1:79:A:THR:HA	8	1.31
(2,1054)	1:13:A:ALA:HB2	1:79:A:THR:HA	8	1.31
(2,1054)	1:13:A:ALA:HB3	1:79:A:THR:HA	8	1.31
(2,831)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	3	1.31
(2,831)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	3	1.31
(2,831)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	3	1.31
(2,831)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	3	1.31
(2,831)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	3	1.31
(2,831)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	3	1.31
(1,1876)	1:18:A:PHE:HD1	1:113:A:PHE:HE1	1	1.31
(1,1876)	1:18:A:PHE:HD1	1:113:A:PHE:HE2	1	1.31
(1,1876)	1:18:A:PHE:HD2	1:113:A:PHE:HE1	1	1.31
(1,1876)	1:18:A:PHE:HD2	1:113:A:PHE:HE2	1	1.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG21	1	1.31
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG22	1	1.31
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG23	1	1.31
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG21	1	1.31
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG22	1	1.31
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG23	1	1.31
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG21	1	1.31
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG22	1	1.31
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG23	1	1.31
(1,1639)	1:13:A:ALA:HA	1:80:A:TYR:HB3	17	1.31
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE1	16	1.31
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE2	16	1.31
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE3	16	1.31
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE1	16	1.31
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE2	16	1.31
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE3	16	1.31
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE1	16	1.31
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE2	16	1.31
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE3	16	1.31
(1,1483)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	7	1.31
(1,1477)	1:67:A:PRO:HD3	1:95:A:ILE:HA	17	1.31
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	17	1.31
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	17	1.31
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	17	1.31
(1,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	19	1.31
(1,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	19	1.31
(1,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	19	1.31
(1,1272)	1:15:A:ALA:HA	1:131:A:LEU:HB2	13	1.31
(1,1070)	1:13:A:ALA:HB1	1:79:A:THR:HA	8	1.31
(1,1070)	1:13:A:ALA:HB2	1:79:A:THR:HA	8	1.31
(1,1070)	1:13:A:ALA:HB3	1:79:A:THR:HA	8	1.31
(1,849)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	3	1.31
(1,849)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	3	1.31
(1,849)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	3	1.31
(1,849)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	3	1.31
(1,849)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	3	1.31
(1,849)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	3	1.31
(34,2142)	1:40:A:LEU:HD11	1:45:A:ALA:H	13	1.3
(34,2142)	1:40:A:LEU:HD12	1:45:A:ALA:H	13	1.3
(34,2142)	1:40:A:LEU:HD13	1:45:A:ALA:H	13	1.3
(34,2142)	1:40:A:LEU:HD21	1:45:A:ALA:H	13	1.3
(34,2142)	1:40:A:LEU:HD22	1:45:A:ALA:H	13	1.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2142)	1:40:A:LEU:HD23	1:45:A:ALA:H	13	1.3
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	1	1.3
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	1	1.3
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	1	1.3
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	1	1.3
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	1	1.3
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	1	1.3
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	1	1.3
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	1	1.3
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	1	1.3
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	1	1.3
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	1	1.3
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	1	1.3
(34,1086)	1:110:A:MET:HG2	1:114:A:ILE:HG13	17	1.3
(34,1086)	1:110:A:MET:HG3	1:114:A:ILE:HG13	17	1.3
(33,2137)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	19	1.3
(33,2137)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	19	1.3
(33,2137)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	19	1.3
(33,2137)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	19	1.3
(33,2137)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	19	1.3
(33,2137)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	19	1.3
(33,2137)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	19	1.3
(33,2137)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	19	1.3
(33,2137)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	19	1.3
(33,2137)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	19	1.3
(33,2137)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	19	1.3
(33,2137)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	19	1.3
(33,1439)	1:31:A:PRO:HD3	1:144:A:LEU:HA	2	1.3
(33,375)	1:41:A:LYS:H	1:44:A:GLU:HG2	11	1.3
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	9	1.3
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	9	1.3
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	9	1.3
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	9	1.3
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	9	1.3
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	9	1.3
(32,1027)	1:110:A:MET:HG2	1:114:A:ILE:HG13	17	1.3
(32,1027)	1:110:A:MET:HG3	1:114:A:ILE:HG13	17	1.3
(32,607)	1:35:A:LEU:H	1:80:A:TYR:HB2	9	1.3
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD11	12	1.3
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD12	12	1.3
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD13	12	1.3
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD21	12	1.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD22	12	1.3
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD23	12	1.3
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD11	16	1.3
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD12	16	1.3
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD13	16	1.3
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD21	16	1.3
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD22	16	1.3
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD23	16	1.3
(30,2148)	1:40:A:LEU:HD11	1:45:A:ALA:H	13	1.3
(30,2148)	1:40:A:LEU:HD12	1:45:A:ALA:H	13	1.3
(30,2148)	1:40:A:LEU:HD13	1:45:A:ALA:H	13	1.3
(30,2148)	1:40:A:LEU:HD21	1:45:A:ALA:H	13	1.3
(30,2148)	1:40:A:LEU:HD22	1:45:A:ALA:H	13	1.3
(30,2148)	1:40:A:LEU:HD23	1:45:A:ALA:H	13	1.3
(30,2142)	1:40:A:LEU:HD11	1:41:A:LYS:HA	13	1.3
(30,2142)	1:40:A:LEU:HD12	1:41:A:LYS:HA	13	1.3
(30,2142)	1:40:A:LEU:HD13	1:41:A:LYS:HA	13	1.3
(30,2142)	1:40:A:LEU:HD21	1:41:A:LYS:HA	13	1.3
(30,2142)	1:40:A:LEU:HD22	1:41:A:LYS:HA	13	1.3
(30,2142)	1:40:A:LEU:HD23	1:41:A:LYS:HA	13	1.3
(30,1827)	1:9:A:PHE:HZ	1:57:A:LEU:HA	2	1.3
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	14	1.3
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	14	1.3
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	14	1.3
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	14	1.3
(30,1561)	1:117:A:VAL:HG11	1:118:A:ASP:HA	2	1.3
(30,1561)	1:117:A:VAL:HG12	1:118:A:ASP:HA	2	1.3
(30,1561)	1:117:A:VAL:HG13	1:118:A:ASP:HA	2	1.3
(30,1561)	1:117:A:VAL:HG11	1:118:A:ASP:HA	15	1.3
(30,1561)	1:117:A:VAL:HG12	1:118:A:ASP:HA	15	1.3
(30,1561)	1:117:A:VAL:HG13	1:118:A:ASP:HA	15	1.3
(29,2444)	1:144:A:LEU:HD11	1:147:A:ARG:HE	2	1.3
(29,2444)	1:144:A:LEU:HD12	1:147:A:ARG:HE	2	1.3
(29,2444)	1:144:A:LEU:HD13	1:147:A:ARG:HE	2	1.3
(29,2444)	1:144:A:LEU:HD21	1:147:A:ARG:HE	2	1.3
(29,2444)	1:144:A:LEU:HD22	1:147:A:ARG:HE	2	1.3
(29,2444)	1:144:A:LEU:HD23	1:147:A:ARG:HE	2	1.3
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD11	12	1.3
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD12	12	1.3
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD13	12	1.3
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD21	12	1.3
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD22	12	1.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD23	12	1.3
(29,2145)	1:40:A:LEU:HD11	1:45:A:ALA:H	13	1.3
(29,2145)	1:40:A:LEU:HD12	1:45:A:ALA:H	13	1.3
(29,2145)	1:40:A:LEU:HD13	1:45:A:ALA:H	13	1.3
(29,2145)	1:40:A:LEU:HD21	1:45:A:ALA:H	13	1.3
(29,2145)	1:40:A:LEU:HD22	1:45:A:ALA:H	13	1.3
(29,2145)	1:40:A:LEU:HD23	1:45:A:ALA:H	13	1.3
(29,2143)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	19	1.3
(29,2143)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	19	1.3
(29,2143)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	19	1.3
(29,2143)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	19	1.3
(29,2143)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	19	1.3
(29,2143)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	19	1.3
(29,2143)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	19	1.3
(29,2143)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	19	1.3
(29,2143)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	19	1.3
(29,2143)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	19	1.3
(29,2143)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	19	1.3
(29,2143)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	19	1.3
(29,1838)	1:9:A:PHE:HZ	1:54:A:ARG:HE	18	1.3
(29,1729)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	9	1.3
(29,1638)	1:79:A:THR:HB	1:80:A:TYR:HB2	12	1.3
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE1	7	1.3
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE2	7	1.3
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE3	7	1.3
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG11	15	1.3
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG12	15	1.3
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG13	15	1.3
(29,1190)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	3	1.3
(29,1190)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	3	1.3
(29,1190)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	3	1.3
(29,1098)	1:48:A:ARG:HG2	1:49:A:LYS:HA	10	1.3
(29,1098)	1:48:A:ARG:HG3	1:49:A:LYS:HA	10	1.3
(29,850)	1:48:A:ARG:HD2	1:49:A:LYS:HA	4	1.3
(29,850)	1:48:A:ARG:HD3	1:49:A:LYS:HA	4	1.3
(29,634)	1:57:A:LEU:H	1:58:A:ILE:HG13	10	1.3
(29,385)	1:62:A:HIS:H	1:63:A:ILE:HG13	17	1.3
(20,9)	1:56:A:CYS:SG	1:127:A:CYS:SG	19	1.3
(20,2)	1:123:A:CYS:SG	1:127:A:CYS:SG	8	1.3
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD11	18	1.3
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD12	18	1.3
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD13	18	1.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD21	18	1.3
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD22	18	1.3
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD23	18	1.3
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD11	18	1.3
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD12	18	1.3
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD13	18	1.3
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD21	18	1.3
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD22	18	1.3
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD23	18	1.3
(18,1705)	1:79:A:THR:HG21	1:81:A:GLU:HB3	12	1.3
(18,1705)	1:79:A:THR:HG22	1:81:A:GLU:HB3	12	1.3
(18,1705)	1:79:A:THR:HG23	1:81:A:GLU:HB3	12	1.3
(18,1697)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	9	1.3
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	11	1.3
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	11	1.3
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	11	1.3
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE1	7	1.3
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE2	7	1.3
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE3	7	1.3
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE1	7	1.3
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE2	7	1.3
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE3	7	1.3
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE1	7	1.3
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE2	7	1.3
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE3	7	1.3
(17,1841)	1:9:A:PHE:HZ	1:57:A:LEU:HA	2	1.3
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	11	1.3
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	11	1.3
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	11	1.3
(17,1669)	1:132:A:ALA:HA	1:134:A:VAL:HG21	15	1.3
(17,1669)	1:132:A:ALA:HA	1:134:A:VAL:HG22	15	1.3
(17,1669)	1:132:A:ALA:HA	1:134:A:VAL:HG23	15	1.3
(17,60)	1:34:A:LYS:H	1:81:A:GLU:H	19	1.3
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	14	1.3
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	14	1.3
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	14	1.3
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	14	1.3
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG11	2	1.3
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG12	2	1.3
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG13	2	1.3
(16,1533)	1:69:A:MET:HE1	1:76:A:ARG:HB2	10	1.3
(16,1533)	1:69:A:MET:HE2	1:76:A:ARG:HB2	10	1.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1533)	1:69:A:MET:HE3	1:76:A:ARG:HB2	10	1.3
(16,735)	1:73:A:ILE:HG21	1:76:A:ARG:HE	18	1.3
(16,735)	1:73:A:ILE:HG22	1:76:A:ARG:HE	18	1.3
(16,735)	1:73:A:ILE:HG23	1:76:A:ARG:HE	18	1.3
(16,658)	1:79:A:THR:H	1:80:A:TYR:HD1	1	1.3
(16,658)	1:79:A:THR:H	1:80:A:TYR:HD2	1	1.3
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB2	15	1.3
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB3	15	1.3
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB2	15	1.3
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB3	15	1.3
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB2	15	1.3
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB3	15	1.3
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB2	15	1.3
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB3	15	1.3
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB2	15	1.3
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB3	15	1.3
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB2	15	1.3
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB3	15	1.3
(15,2411)	1:129:A:LYS:HG2	1:130:A:GLY:HA2	8	1.3
(15,2411)	1:129:A:LYS:HG3	1:130:A:GLY:HA2	8	1.3
(15,1386)	1:19:A:ALA:HB1	1:132:A:ALA:HA	4	1.3
(15,1386)	1:19:A:ALA:HB2	1:132:A:ALA:HA	4	1.3
(15,1386)	1:19:A:ALA:HB3	1:132:A:ALA:HA	4	1.3
(15,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	10	1.3
(15,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	10	1.3
(15,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	10	1.3
(15,1260)	1:12:A:VAL:HG11	1:40:A:LEU:HA	8	1.3
(15,1260)	1:12:A:VAL:HG12	1:40:A:LEU:HA	8	1.3
(15,1260)	1:12:A:VAL:HG13	1:40:A:LEU:HA	8	1.3
(15,894)	1:69:A:MET:HE1	1:73:A:ILE:HB	8	1.3
(15,894)	1:69:A:MET:HE2	1:73:A:ILE:HB	8	1.3
(15,894)	1:69:A:MET:HE3	1:73:A:ILE:HB	8	1.3
(15,812)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	15	1.3
(15,812)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	15	1.3
(15,812)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	15	1.3
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	7	1.3
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	7	1.3
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	7	1.3
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD11	5	1.3
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD12	5	1.3
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD13	5	1.3
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD21	5	1.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD22	5	1.3
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD23	5	1.3
(13,1422)	1:31:A:PRO:HD2	1:144:A:LEU:HB3	19	1.3
(13,1412)	1:31:A:PRO:HD3	1:144:A:LEU:HA	2	1.3
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG11	10	1.3
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG12	10	1.3
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG13	10	1.3
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	3	1.3
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	3	1.3
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	3	1.3
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	4	1.3
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	4	1.3
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	4	1.3
(13,57)	1:34:A:LYS:H	1:81:A:GLU:H	19	1.3
(11,2148)	1:40:A:LEU:HD11	1:45:A:ALA:H	13	1.3
(11,2148)	1:40:A:LEU:HD12	1:45:A:ALA:H	13	1.3
(11,2148)	1:40:A:LEU:HD13	1:45:A:ALA:H	13	1.3
(11,2148)	1:40:A:LEU:HD21	1:45:A:ALA:H	13	1.3
(11,2148)	1:40:A:LEU:HD22	1:45:A:ALA:H	13	1.3
(11,2148)	1:40:A:LEU:HD23	1:45:A:ALA:H	13	1.3
(11,2015)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	14	1.3
(11,2015)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	14	1.3
(11,2015)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	14	1.3
(11,2015)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	14	1.3
(11,2015)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	14	1.3
(11,2015)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	14	1.3
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	14	1.3
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	14	1.3
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	14	1.3
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	14	1.3
(11,1687)	1:134:A:VAL:HG21	1:137:A:SER:H	7	1.3
(11,1687)	1:134:A:VAL:HG22	1:137:A:SER:H	7	1.3
(11,1687)	1:134:A:VAL:HG23	1:137:A:SER:H	7	1.3
(11,1588)	1:117:A:VAL:HG11	1:118:A:ASP:HA	2	1.3
(11,1588)	1:117:A:VAL:HG12	1:118:A:ASP:HA	2	1.3
(11,1588)	1:117:A:VAL:HG13	1:118:A:ASP:HA	2	1.3
(11,1588)	1:117:A:VAL:HG11	1:118:A:ASP:HA	15	1.3
(11,1588)	1:117:A:VAL:HG12	1:118:A:ASP:HA	15	1.3
(11,1588)	1:117:A:VAL:HG13	1:118:A:ASP:HA	15	1.3
(11,1069)	1:110:A:MET:HG2	1:114:A:ILE:HG13	17	1.3
(11,1069)	1:110:A:MET:HG3	1:114:A:ILE:HG13	17	1.3
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	19	1.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	19	1.3
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	19	1.3
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	19	1.3
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	19	1.3
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	19	1.3
(11,725)	1:73:A:ILE:HG21	1:76:A:ARG:HE	18	1.3
(11,725)	1:73:A:ILE:HG22	1:76:A:ARG:HE	18	1.3
(11,725)	1:73:A:ILE:HG23	1:76:A:ARG:HE	18	1.3
(11,686)	1:145:A:PRO:HB3	1:148:A:CYS:H	17	1.3
(11,654)	1:79:A:THR:H	1:80:A:TYR:HD1	1	1.3
(11,654)	1:79:A:THR:H	1:80:A:TYR:HD2	1	1.3
(11,378)	1:41:A:LYS:H	1:44:A:GLU:HG2	11	1.3
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG11	6	1.3
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG12	6	1.3
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG13	6	1.3
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG21	6	1.3
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG22	6	1.3
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG23	6	1.3
(9,1961)	1:12:A:VAL:HG11	1:43:A:MET:HB2	10	1.3
(9,1961)	1:12:A:VAL:HG12	1:43:A:MET:HB2	10	1.3
(9,1961)	1:12:A:VAL:HG13	1:43:A:MET:HB2	10	1.3
(9,1961)	1:12:A:VAL:HG21	1:43:A:MET:HB2	10	1.3
(9,1961)	1:12:A:VAL:HG22	1:43:A:MET:HB2	10	1.3
(9,1961)	1:12:A:VAL:HG23	1:43:A:MET:HB2	10	1.3
(9,1961)	1:12:A:VAL:HG11	1:43:A:MET:HB3	10	1.3
(9,1961)	1:12:A:VAL:HG12	1:43:A:MET:HB3	10	1.3
(9,1961)	1:12:A:VAL:HG13	1:43:A:MET:HB3	10	1.3
(9,1961)	1:12:A:VAL:HG21	1:43:A:MET:HB3	10	1.3
(9,1961)	1:12:A:VAL:HG22	1:43:A:MET:HB3	10	1.3
(9,1961)	1:12:A:VAL:HG23	1:43:A:MET:HB3	10	1.3
(9,1943)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	18	1.3
(9,1943)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	18	1.3
(9,1943)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	18	1.3
(9,1943)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	18	1.3
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD11	1	1.3
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD12	1	1.3
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD13	1	1.3
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD21	1	1.3
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD22	1	1.3
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD23	1	1.3
(7,1826)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	16	1.3
(7,1792)	1:9:A:PHE:HZ	1:57:A:LEU:HA	2	1.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1675)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	9	1.3
(7,1622)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	2	1.3
(7,1622)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	2	1.3
(7,1622)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	2	1.3
(7,1622)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	2	1.3
(7,1622)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	2	1.3
(7,1622)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	2	1.3
(7,1622)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	2	1.3
(7,1622)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	2	1.3
(7,1622)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	2	1.3
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE1	7	1.3
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE2	7	1.3
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE3	7	1.3
(7,1241)	1:12:A:VAL:HG11	1:40:A:LEU:HA	8	1.3
(7,1241)	1:12:A:VAL:HG12	1:40:A:LEU:HA	8	1.3
(7,1241)	1:12:A:VAL:HG13	1:40:A:LEU:HA	8	1.3
(7,971)	1:12:A:VAL:HB	1:40:A:LEU:H	2	1.3
(7,44)	1:44:A:GLU:HG2	1:47:A:ALA:H	3	1.3
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG2	8	1.3
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG3	8	1.3
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	5	1.3
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	5	1.3
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	5	1.3
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	5	1.3
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	5	1.3
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	5	1.3
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	5	1.3
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	5	1.3
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	5	1.3
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	5	1.3
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	5	1.3
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	5	1.3
(6,2001)	1:14:A:VAL:HG11	1:18:A:PHE:HB2	8	1.3
(6,2001)	1:14:A:VAL:HG12	1:18:A:PHE:HB2	8	1.3
(6,2001)	1:14:A:VAL:HG13	1:18:A:PHE:HB2	8	1.3
(6,2001)	1:14:A:VAL:HG21	1:18:A:PHE:HB2	8	1.3
(6,2001)	1:14:A:VAL:HG22	1:18:A:PHE:HB2	8	1.3
(6,2001)	1:14:A:VAL:HG23	1:18:A:PHE:HB2	8	1.3
(6,1830)	1:9:A:PHE:HZ	1:57:A:LEU:HA	2	1.3
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	11	1.3
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	11	1.3
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	11	1.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE1	7	1.3
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE2	7	1.3
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE3	7	1.3
(6,1437)	1:31:A:PRO:HD3	1:144:A:LEU:HA	2	1.3
(6,1071)	1:48:A:ARG:HG2	1:49:A:LYS:HA	10	1.3
(6,1071)	1:48:A:ARG:HG3	1:49:A:LYS:HA	10	1.3
(5,2237)	1:68:A:LYS:H	1:70:A:LYS:HG2	15	1.3
(5,2237)	1:68:A:LYS:H	1:70:A:LYS:HG3	15	1.3
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD11	9	1.3
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD12	9	1.3
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD13	9	1.3
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD21	9	1.3
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD22	9	1.3
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD23	9	1.3
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	11	1.3
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	11	1.3
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	11	1.3
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD11	19	1.3
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD12	19	1.3
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD13	19	1.3
(5,1283)	1:14:A:VAL:HG11	1:15:A:ALA:HA	4	1.3
(5,1283)	1:14:A:VAL:HG12	1:15:A:ALA:HA	4	1.3
(5,1283)	1:14:A:VAL:HG13	1:15:A:ALA:HA	4	1.3
(5,1283)	1:14:A:VAL:HG11	1:15:A:ALA:HA	9	1.3
(5,1283)	1:14:A:VAL:HG12	1:15:A:ALA:HA	9	1.3
(5,1283)	1:14:A:VAL:HG13	1:15:A:ALA:HA	9	1.3
(5,1137)	1:40:A:LEU:HA	1:44:A:GLU:HG3	2	1.3
(5,1137)	1:40:A:LEU:HA	1:44:A:GLU:HG3	18	1.3
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG21	8	1.3
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG22	8	1.3
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG23	8	1.3
(5,787)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	11	1.3
(5,787)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	11	1.3
(5,787)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	11	1.3
(5,787)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	11	1.3
(5,787)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	11	1.3
(5,787)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	11	1.3
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE1	7	1.3
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE2	7	1.3
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD11	5	1.3
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD12	5	1.3
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD13	5	1.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD21	5	1.3
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD22	5	1.3
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD23	5	1.3
(4,1868)	1:18:A:PHE:HE1	1:117:A:VAL:HA	19	1.3
(4,1868)	1:18:A:PHE:HE2	1:117:A:VAL:HA	19	1.3
(4,1833)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	16	1.3
(4,1040)	1:110:A:MET:HG2	1:114:A:ILE:HG13	17	1.3
(4,1040)	1:110:A:MET:HG3	1:114:A:ILE:HG13	17	1.3
(4,703)	1:48:A:ARG:HE	1:49:A:LYS:HA	14	1.3
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB1	15	1.3
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB2	15	1.3
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB3	15	1.3
(4,50)	1:44:A:GLU:HG2	1:47:A:ALA:H	3	1.3
(3,2058)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	12	1.3
(3,2058)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	12	1.3
(3,2058)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	12	1.3
(3,2058)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	12	1.3
(3,2058)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	12	1.3
(3,2058)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	12	1.3
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG21	4	1.3
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG22	4	1.3
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG23	4	1.3
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG21	4	1.3
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG22	4	1.3
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG23	4	1.3
(3,1976)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	18	1.3
(3,1976)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	18	1.3
(3,1976)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	18	1.3
(3,1976)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	18	1.3
(3,1854)	1:9:A:PHE:HZ	1:57:A:LEU:HA	2	1.3
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	11	1.3
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	11	1.3
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	11	1.3
(3,1689)	1:69:A:MET:HE1	1:116:A:GLN:HG3	10	1.3
(3,1689)	1:69:A:MET:HE2	1:116:A:GLN:HG3	10	1.3
(3,1689)	1:69:A:MET:HE3	1:116:A:GLN:HG3	10	1.3
(3,1580)	1:40:A:LEU:HD11	1:43:A:MET:H	3	1.3
(3,1580)	1:40:A:LEU:HD12	1:43:A:MET:H	3	1.3
(3,1580)	1:40:A:LEU:HD13	1:43:A:MET:H	3	1.3
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD21	7	1.3
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD22	7	1.3
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD23	7	1.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1414)	1:19:A:ALA:HB1	1:132:A:ALA:HA	4	1.3
(3,1414)	1:19:A:ALA:HB2	1:132:A:ALA:HA	4	1.3
(3,1414)	1:19:A:ALA:HB3	1:132:A:ALA:HA	4	1.3
(3,1276)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	11	1.3
(3,1276)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	11	1.3
(3,1276)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	11	1.3
(3,1276)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	11	1.3
(3,1276)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	11	1.3
(3,1276)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	11	1.3
(3,1276)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	11	1.3
(3,1276)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	11	1.3
(3,1276)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	11	1.3
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD21	18	1.3
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD22	18	1.3
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD23	18	1.3
(3,1075)	1:110:A:MET:HG2	1:114:A:ILE:HG13	17	1.3
(3,1075)	1:110:A:MET:HG3	1:114:A:ILE:HG13	17	1.3
(3,1010)	1:35:A:LEU:HG	1:143:A:TRP:HB3	5	1.3
(3,990)	1:47:A:ALA:HB1	1:134:A:VAL:HB	11	1.3
(3,990)	1:47:A:ALA:HB2	1:134:A:VAL:HB	11	1.3
(3,990)	1:47:A:ALA:HB3	1:134:A:VAL:HB	11	1.3
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	19	1.3
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	19	1.3
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	19	1.3
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	19	1.3
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	19	1.3
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	19	1.3
(3,376)	1:41:A:LYS:H	1:44:A:GLU:HG2	11	1.3
(2,2264)	1:68:A:LYS:H	1:70:A:LYS:HG2	15	1.3
(2,2264)	1:68:A:LYS:H	1:70:A:LYS:HG3	15	1.3
(2,2147)	1:40:A:LEU:HD11	1:45:A:ALA:H	13	1.3
(2,2147)	1:40:A:LEU:HD12	1:45:A:ALA:H	13	1.3
(2,2147)	1:40:A:LEU:HD13	1:45:A:ALA:H	13	1.3
(2,2147)	1:40:A:LEU:HD21	1:45:A:ALA:H	13	1.3
(2,2147)	1:40:A:LEU:HD22	1:45:A:ALA:H	13	1.3
(2,2147)	1:40:A:LEU:HD23	1:45:A:ALA:H	13	1.3
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	14	1.3
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	14	1.3
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	14	1.3
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	14	1.3
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	14	1.3
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	14	1.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	14	1.3
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	14	1.3
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	14	1.3
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	14	1.3
(2,1572)	1:117:A:VAL:HG11	1:118:A:ASP:HA	2	1.3
(2,1572)	1:117:A:VAL:HG12	1:118:A:ASP:HA	2	1.3
(2,1572)	1:117:A:VAL:HG13	1:118:A:ASP:HA	2	1.3
(2,1572)	1:117:A:VAL:HG11	1:118:A:ASP:HA	15	1.3
(2,1572)	1:117:A:VAL:HG12	1:118:A:ASP:HA	15	1.3
(2,1572)	1:117:A:VAL:HG13	1:118:A:ASP:HA	15	1.3
(2,1095)	1:31:A:PRO:HG2	1:143:A:TRP:HA	17	1.3
(2,1095)	1:31:A:PRO:HG3	1:143:A:TRP:HA	17	1.3
(2,1052)	1:110:A:MET:HG2	1:114:A:ILE:HG13	17	1.3
(2,1052)	1:110:A:MET:HG3	1:114:A:ILE:HG13	17	1.3
(2,709)	1:48:A:ARG:HE	1:49:A:LYS:HA	16	1.3
(2,685)	1:145:A:PRO:HB3	1:148:A:CYS:H	17	1.3
(1,1722)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	9	1.3
(1,1709)	1:43:A:MET:HE1	1:131:A:LEU:HA	2	1.3
(1,1709)	1:43:A:MET:HE2	1:131:A:LEU:HA	2	1.3
(1,1709)	1:43:A:MET:HE3	1:131:A:LEU:HA	2	1.3
(1,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	5	1.3
(1,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	5	1.3
(1,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	5	1.3
(1,861)	1:43:A:MET:HE1	1:131:A:LEU:HB3	2	1.3
(1,861)	1:43:A:MET:HE2	1:131:A:LEU:HB3	2	1.3
(1,861)	1:43:A:MET:HE3	1:131:A:LEU:HB3	2	1.3
(1,861)	1:43:A:MET:HE1	1:131:A:LEU:HB3	16	1.3
(1,861)	1:43:A:MET:HE2	1:131:A:LEU:HB3	16	1.3
(1,861)	1:43:A:MET:HE3	1:131:A:LEU:HB3	16	1.3
(34,1633)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	8	1.29
(34,1633)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	8	1.29
(34,1633)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	8	1.29
(34,1633)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	8	1.29
(34,1633)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	8	1.29
(34,1633)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	8	1.29
(34,1484)	1:67:A:PRO:HD3	1:95:A:ILE:HA	17	1.29
(33,1944)	1:10:A:ASN:HD21	1:81:A:GLU:H	17	1.29
(33,1944)	1:10:A:ASN:HD22	1:81:A:GLU:H	17	1.29
(33,1817)	1:9:A:PHE:HZ	1:54:A:ARG:HE	15	1.29
(33,1755)	1:43:A:MET:H	1:140:A:LEU:HD11	9	1.29
(33,1755)	1:43:A:MET:H	1:140:A:LEU:HD12	9	1.29
(33,1755)	1:43:A:MET:H	1:140:A:LEU:HD13	9	1.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,742)	1:105:A:LYS:HG3	1:112:A:GLN:HE22	17	1.29
(32,2020)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	10	1.29
(32,2020)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	10	1.29
(32,2020)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	10	1.29
(32,2020)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	10	1.29
(32,2020)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	10	1.29
(32,2020)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	10	1.29
(32,2020)	1:27:A:ARG:HB3	1:30:A:LEU:HD11	10	1.29
(32,2020)	1:27:A:ARG:HB3	1:30:A:LEU:HD12	10	1.29
(32,2020)	1:27:A:ARG:HB3	1:30:A:LEU:HD13	10	1.29
(32,2020)	1:27:A:ARG:HB3	1:30:A:LEU:HD21	10	1.29
(32,2020)	1:27:A:ARG:HB3	1:30:A:LEU:HD22	10	1.29
(32,2020)	1:27:A:ARG:HB3	1:30:A:LEU:HD23	10	1.29
(32,1913)	1:10:A:ASN:HD21	1:81:A:GLU:H	17	1.29
(32,1913)	1:10:A:ASN:HD22	1:81:A:GLU:H	17	1.29
(32,1761)	1:9:A:PHE:HD1	1:11:A:ILE:HB	2	1.29
(32,1761)	1:9:A:PHE:HD2	1:11:A:ILE:HB	2	1.29
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD11	14	1.29
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD12	14	1.29
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD13	14	1.29
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD21	14	1.29
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD22	14	1.29
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD23	14	1.29
(30,1820)	1:9:A:PHE:HZ	1:54:A:ARG:HE	15	1.29
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD21	15	1.29
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD22	15	1.29
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD23	15	1.29
(30,1628)	1:13:A:ALA:HA	1:80:A:TYR:HB3	9	1.29
(30,980)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	12	1.29
(30,980)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	12	1.29
(30,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	19	1.29
(29,2035)	1:17:A:ASN:HB2	1:76:A:ARG:HA	13	1.29
(29,2035)	1:17:A:ASN:HB3	1:76:A:ARG:HA	13	1.29
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	16	1.29
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	16	1.29
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	16	1.29
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	16	1.29
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	16	1.29
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	16	1.29
(20,6)	1:52:A:CYS:SG	1:56:A:CYS:SG	13	1.29
(18,1946)	1:10:A:ASN:HD21	1:81:A:GLU:H	17	1.29
(18,1946)	1:10:A:ASN:HD22	1:81:A:GLU:H	17	1.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD1	5	1.29
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD2	5	1.29
(18,1731)	1:112:A:GLN:HG2	1:113:A:PHE:HA	5	1.29
(18,1731)	1:112:A:GLN:HG3	1:113:A:PHE:HA	5	1.29
(18,671)	1:101:A:ILE:HB	1:103:A:ARG:H	4	1.29
(18,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	13	1.29
(17,2170)	1:43:A:MET:HE1	1:144:A:LEU:HB2	17	1.29
(17,2170)	1:43:A:MET:HE1	1:144:A:LEU:HB3	17	1.29
(17,2170)	1:43:A:MET:HE2	1:144:A:LEU:HB2	17	1.29
(17,2170)	1:43:A:MET:HE2	1:144:A:LEU:HB3	17	1.29
(17,2170)	1:43:A:MET:HE3	1:144:A:LEU:HB2	17	1.29
(17,2170)	1:43:A:MET:HE3	1:144:A:LEU:HB3	17	1.29
(17,2027)	1:17:A:ASN:HB2	1:76:A:ARG:HA	13	1.29
(17,2027)	1:17:A:ASN:HB3	1:76:A:ARG:HA	13	1.29
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	7	1.29
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	7	1.29
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	7	1.29
(17,1669)	1:132:A:ALA:HA	1:134:A:VAL:HG21	12	1.29
(17,1669)	1:132:A:ALA:HA	1:134:A:VAL:HG22	12	1.29
(17,1669)	1:132:A:ALA:HA	1:134:A:VAL:HG23	12	1.29
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD11	16	1.29
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD12	16	1.29
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD13	16	1.29
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD21	16	1.29
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD22	16	1.29
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD23	16	1.29
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD11	16	1.29
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD12	16	1.29
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD13	16	1.29
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD21	16	1.29
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD22	16	1.29
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD23	16	1.29
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD11	16	1.29
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD12	16	1.29
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD13	16	1.29
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD21	16	1.29
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD22	16	1.29
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD23	16	1.29
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	7	1.29
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	7	1.29
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	7	1.29
(16,905)	1:124:A:THR:H	1:127:A:CYS:HB2	2	1.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,520)	1:70:A:LYS:HG3	1:71:A:LYS:H	8	1.29
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	15	1.29
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	15	1.29
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	15	1.29
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	15	1.29
(15,842)	1:45:A:ALA:H	1:48:A:ARG:HD2	11	1.29
(15,842)	1:45:A:ALA:H	1:48:A:ARG:HD3	11	1.29
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	1	1.29
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	1	1.29
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	1	1.29
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	1	1.29
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	1	1.29
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	1	1.29
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	1	1.29
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	1	1.29
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	1	1.29
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	1	1.29
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	1	1.29
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	1	1.29
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	1	1.29
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	1	1.29
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	1	1.29
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	1	1.29
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	1	1.29
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	1	1.29
(13,1595)	1:13:A:ALA:HA	1:80:A:TYR:HB3	17	1.29
(13,1422)	1:31:A:PRO:HD2	1:144:A:LEU:HB3	2	1.29
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	18	1.29
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	18	1.29
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	18	1.29
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	18	1.29
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	18	1.29
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	18	1.29
(13,745)	1:32:A:GLY:HA2	1:34:A:LYS:H	7	1.29
(13,310)	1:43:A:MET:H	1:140:A:LEU:HD11	9	1.29
(13,310)	1:43:A:MET:H	1:140:A:LEU:HD12	9	1.29
(13,310)	1:43:A:MET:H	1:140:A:LEU:HD13	9	1.29
(13,85)	1:30:A:LEU:H	1:144:A:LEU:HA	17	1.29
(11,839)	1:45:A:ALA:H	1:48:A:ARG:HD2	11	1.29
(11,839)	1:45:A:ALA:H	1:48:A:ARG:HD3	11	1.29
(9,2123)	1:43:A:MET:HB3	1:134:A:VAL:HG11	7	1.29
(9,2123)	1:43:A:MET:HB3	1:134:A:VAL:HG12	7	1.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2123)	1:43:A:MET:HB3	1:134:A:VAL:HG13	7	1.29
(9,2123)	1:43:A:MET:HB3	1:134:A:VAL:HG21	7	1.29
(9,2123)	1:43:A:MET:HB3	1:134:A:VAL:HG22	7	1.29
(9,2123)	1:43:A:MET:HB3	1:134:A:VAL:HG23	7	1.29
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	7	1.29
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	7	1.29
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	7	1.29
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB1	12	1.29
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB2	12	1.29
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB3	12	1.29
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB1	12	1.29
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB2	12	1.29
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB3	12	1.29
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD1	13	1.29
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD2	13	1.29
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD1	13	1.29
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD2	13	1.29
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD11	16	1.29
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD12	16	1.29
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD13	16	1.29
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD21	16	1.29
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD22	16	1.29
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD23	16	1.29
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	13	1.29
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	13	1.29
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	13	1.29
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG21	2	1.29
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG22	2	1.29
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG23	2	1.29
(7,995)	1:79:A:THR:HG21	1:81:A:GLU:HB2	17	1.29
(7,995)	1:79:A:THR:HG22	1:81:A:GLU:HB2	17	1.29
(7,995)	1:79:A:THR:HG23	1:81:A:GLU:HB2	17	1.29
(7,880)	1:124:A:THR:H	1:127:A:CYS:HB2	2	1.29
(7,311)	1:43:A:MET:H	1:140:A:LEU:HD11	9	1.29
(7,311)	1:43:A:MET:H	1:140:A:LEU:HD12	9	1.29
(7,311)	1:43:A:MET:H	1:140:A:LEU:HD13	9	1.29
(7,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	19	1.29
(6,2025)	1:17:A:ASN:HB2	1:76:A:ARG:HA	13	1.29
(6,2025)	1:17:A:ASN:HB3	1:76:A:ARG:HA	13	1.29
(6,1958)	1:10:A:ASN:HD21	1:81:A:GLU:H	17	1.29
(6,1958)	1:10:A:ASN:HD22	1:81:A:GLU:H	17	1.29
(6,1884)	1:14:A:VAL:HA	1:18:A:PHE:HD1	6	1.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1884)	1:14:A:VAL:HA	1:18:A:PHE:HD2	6	1.29
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	7	1.29
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	7	1.29
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	7	1.29
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB1	12	1.29
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB2	12	1.29
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB3	12	1.29
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB1	12	1.29
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB2	12	1.29
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB3	12	1.29
(6,1455)	1:15:A:ALA:HB1	1:132:A:ALA:HA	13	1.29
(6,1455)	1:15:A:ALA:HB2	1:132:A:ALA:HA	13	1.29
(6,1455)	1:15:A:ALA:HB3	1:132:A:ALA:HA	13	1.29
(6,956)	1:11:A:ILE:HG13	1:14:A:VAL:HB	10	1.29
(6,828)	1:48:A:ARG:HD2	1:49:A:LYS:HA	7	1.29
(6,828)	1:48:A:ARG:HD3	1:49:A:LYS:HA	7	1.29
(6,776)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	8	1.29
(6,776)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	8	1.29
(6,776)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	8	1.29
(6,217)	1:44:A:GLU:HG2	1:48:A:ARG:H	19	1.29
(5,2044)	1:31:A:PRO:HB2	1:144:A:LEU:HB2	9	1.29
(5,2044)	1:31:A:PRO:HB2	1:144:A:LEU:HB3	9	1.29
(5,2044)	1:31:A:PRO:HB3	1:144:A:LEU:HB2	9	1.29
(5,2044)	1:31:A:PRO:HB3	1:144:A:LEU:HB3	9	1.29
(5,1846)	1:9:A:PHE:HZ	1:54:A:ARG:HE	15	1.29
(5,1319)	1:66:A:THR:HG21	1:95:A:ILE:HA	5	1.29
(5,1319)	1:66:A:THR:HG22	1:95:A:ILE:HA	5	1.29
(5,1319)	1:66:A:THR:HG23	1:95:A:ILE:HA	5	1.29
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG21	19	1.29
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG22	19	1.29
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG23	19	1.29
(5,916)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	2	1.29
(5,914)	1:43:A:MET:HA	1:44:A:GLU:HG2	13	1.29
(5,887)	1:11:A:ILE:HB	1:44:A:GLU:HG3	16	1.29
(5,839)	1:45:A:ALA:H	1:48:A:ARG:HD2	11	1.29
(5,839)	1:45:A:ALA:H	1:48:A:ARG:HD3	11	1.29
(4,1929)	1:10:A:ASN:HD21	1:81:A:GLU:H	17	1.29
(4,1929)	1:10:A:ASN:HD22	1:81:A:GLU:H	17	1.29
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE1	14	1.29
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE2	14	1.29
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE3	14	1.29
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE1	14	1.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE2	14	1.29
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE3	14	1.29
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE1	14	1.29
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE2	14	1.29
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE3	14	1.29
(4,820)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	5	1.29
(4,820)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	5	1.29
(4,820)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	5	1.29
(4,820)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	5	1.29
(4,820)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	5	1.29
(4,820)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	5	1.29
(4,776)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	8	1.29
(4,776)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	8	1.29
(4,776)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	8	1.29
(3,2174)	1:43:A:MET:HE1	1:134:A:VAL:HG11	13	1.29
(3,2174)	1:43:A:MET:HE1	1:134:A:VAL:HG12	13	1.29
(3,2174)	1:43:A:MET:HE1	1:134:A:VAL:HG13	13	1.29
(3,2174)	1:43:A:MET:HE1	1:134:A:VAL:HG21	13	1.29
(3,2174)	1:43:A:MET:HE1	1:134:A:VAL:HG22	13	1.29
(3,2174)	1:43:A:MET:HE1	1:134:A:VAL:HG23	13	1.29
(3,2174)	1:43:A:MET:HE2	1:134:A:VAL:HG11	13	1.29
(3,2174)	1:43:A:MET:HE2	1:134:A:VAL:HG12	13	1.29
(3,2174)	1:43:A:MET:HE2	1:134:A:VAL:HG13	13	1.29
(3,2174)	1:43:A:MET:HE2	1:134:A:VAL:HG21	13	1.29
(3,2174)	1:43:A:MET:HE2	1:134:A:VAL:HG22	13	1.29
(3,2174)	1:43:A:MET:HE2	1:134:A:VAL:HG23	13	1.29
(3,2174)	1:43:A:MET:HE3	1:134:A:VAL:HG11	13	1.29
(3,2174)	1:43:A:MET:HE3	1:134:A:VAL:HG12	13	1.29
(3,2174)	1:43:A:MET:HE3	1:134:A:VAL:HG13	13	1.29
(3,2174)	1:43:A:MET:HE3	1:134:A:VAL:HG21	13	1.29
(3,2174)	1:43:A:MET:HE3	1:134:A:VAL:HG22	13	1.29
(3,2174)	1:43:A:MET:HE3	1:134:A:VAL:HG23	13	1.29
(3,2042)	1:17:A:ASN:HB2	1:76:A:ARG:HA	13	1.29
(3,2042)	1:17:A:ASN:HB3	1:76:A:ARG:HA	13	1.29
(3,1974)	1:10:A:ASN:HD21	1:81:A:GLU:H	17	1.29
(3,1974)	1:10:A:ASN:HD22	1:81:A:GLU:H	17	1.29
(3,1696)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	19	1.29
(3,1696)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	19	1.29
(3,1495)	1:67:A:PRO:HD3	1:95:A:ILE:HA	17	1.29
(3,1000)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	12	1.29
(3,1000)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	12	1.29
(3,908)	1:124:A:THR:H	1:127:A:CYS:HB2	2	1.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,848)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	4	1.29
(3,848)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	4	1.29
(3,848)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	4	1.29
(3,848)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	4	1.29
(3,848)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	4	1.29
(3,848)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	4	1.29
(2,1932)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	5	1.29
(2,1932)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	5	1.29
(2,1932)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	5	1.29
(2,1932)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	5	1.29
(2,1644)	1:13:A:ALA:HA	1:80:A:TYR:HB3	17	1.29
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	3	1.29
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	3	1.29
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	3	1.29
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	4	1.29
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	4	1.29
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	4	1.29
(2,622)	1:40:A:LEU:H	1:43:A:MET:HG3	15	1.29
(1,2211)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	7	1.29
(1,2211)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	7	1.29
(1,2211)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	7	1.29
(1,2211)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	7	1.29
(1,2000)	1:17:A:ASN:HD21	1:113:A:PHE:HE1	4	1.29
(1,2000)	1:17:A:ASN:HD21	1:113:A:PHE:HE2	4	1.29
(1,2000)	1:17:A:ASN:HD22	1:113:A:PHE:HE1	4	1.29
(1,2000)	1:17:A:ASN:HD22	1:113:A:PHE:HE2	4	1.29
(1,1231)	1:43:A:MET:H	1:140:A:LEU:HD11	9	1.29
(1,1231)	1:43:A:MET:H	1:140:A:LEU:HD12	9	1.29
(1,1231)	1:43:A:MET:H	1:140:A:LEU:HD13	9	1.29
(1,936)	1:43:A:MET:HA	1:44:A:GLU:HG2	13	1.29
(34,1784)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	7	1.28
(34,1784)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	7	1.28
(34,1784)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	7	1.28
(34,1784)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	7	1.28
(33,2500)	1:144:A:LEU:HD11	1:148:A:CYS:H	9	1.28
(33,2500)	1:144:A:LEU:HD12	1:148:A:CYS:H	9	1.28
(33,2500)	1:144:A:LEU:HD13	1:148:A:CYS:H	9	1.28
(33,2500)	1:144:A:LEU:HD21	1:148:A:CYS:H	9	1.28
(33,2500)	1:144:A:LEU:HD22	1:148:A:CYS:H	9	1.28
(33,2500)	1:144:A:LEU:HD23	1:148:A:CYS:H	9	1.28
(33,1913)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	5	1.28
(33,1767)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	7	1.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1767)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	7	1.28
(33,1767)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	7	1.28
(33,1767)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	7	1.28
(33,1757)	1:140:A:LEU:HD11	1:143:A:TRP:HD1	5	1.28
(33,1757)	1:140:A:LEU:HD12	1:143:A:TRP:HD1	5	1.28
(33,1757)	1:140:A:LEU:HD13	1:143:A:TRP:HD1	5	1.28
(33,1692)	1:43:A:MET:HE1	1:137:A:SER:H	10	1.28
(33,1692)	1:43:A:MET:HE2	1:137:A:SER:H	10	1.28
(33,1692)	1:43:A:MET:HE3	1:137:A:SER:H	10	1.28
(33,1507)	1:11:A:ILE:HD11	1:43:A:MET:HE1	4	1.28
(33,1507)	1:11:A:ILE:HD11	1:43:A:MET:HE2	4	1.28
(33,1507)	1:11:A:ILE:HD11	1:43:A:MET:HE3	4	1.28
(33,1507)	1:11:A:ILE:HD12	1:43:A:MET:HE1	4	1.28
(33,1507)	1:11:A:ILE:HD12	1:43:A:MET:HE2	4	1.28
(33,1507)	1:11:A:ILE:HD12	1:43:A:MET:HE3	4	1.28
(33,1507)	1:11:A:ILE:HD13	1:43:A:MET:HE1	4	1.28
(33,1507)	1:11:A:ILE:HD13	1:43:A:MET:HE2	4	1.28
(33,1507)	1:11:A:ILE:HD13	1:43:A:MET:HE3	4	1.28
(33,1439)	1:31:A:PRO:HD3	1:144:A:LEU:HA	7	1.28
(33,1439)	1:31:A:PRO:HD3	1:144:A:LEU:HA	19	1.28
(33,1389)	1:16:A:SER:HA	1:19:A:ALA:HB1	11	1.28
(33,1389)	1:16:A:SER:HA	1:19:A:ALA:HB2	11	1.28
(33,1389)	1:16:A:SER:HA	1:19:A:ALA:HB3	11	1.28
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	17	1.28
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	17	1.28
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	17	1.28
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	10	1.28
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	10	1.28
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	10	1.28
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	10	1.28
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	10	1.28
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	10	1.28
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	10	1.28
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	10	1.28
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	10	1.28
(32,2488)	1:144:A:LEU:HD11	1:146:A:GLN:HE21	19	1.28
(32,2488)	1:144:A:LEU:HD11	1:146:A:GLN:HE22	19	1.28
(32,2488)	1:144:A:LEU:HD12	1:146:A:GLN:HE21	19	1.28
(32,2488)	1:144:A:LEU:HD12	1:146:A:GLN:HE22	19	1.28
(32,2488)	1:144:A:LEU:HD13	1:146:A:GLN:HE21	19	1.28
(32,2488)	1:144:A:LEU:HD13	1:146:A:GLN:HE22	19	1.28
(32,2488)	1:144:A:LEU:HD21	1:146:A:GLN:HE21	19	1.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2488)	1:144:A:LEU:HD21	1:146:A:GLN:HE22	19	1.28
(32,2488)	1:144:A:LEU:HD22	1:146:A:GLN:HE21	19	1.28
(32,2488)	1:144:A:LEU:HD22	1:146:A:GLN:HE22	19	1.28
(32,2488)	1:144:A:LEU:HD23	1:146:A:GLN:HE21	19	1.28
(32,2488)	1:144:A:LEU:HD23	1:146:A:GLN:HE22	19	1.28
(32,2274)	1:79:A:THR:HG21	1:81:A:GLU:HB2	18	1.28
(32,2274)	1:79:A:THR:HG21	1:81:A:GLU:HB3	18	1.28
(32,2274)	1:79:A:THR:HG22	1:81:A:GLU:HB2	18	1.28
(32,2274)	1:79:A:THR:HG22	1:81:A:GLU:HB3	18	1.28
(32,2274)	1:79:A:THR:HG23	1:81:A:GLU:HB2	18	1.28
(32,2274)	1:79:A:THR:HG23	1:81:A:GLU:HB3	18	1.28
(32,1889)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	6	1.28
(32,1889)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	6	1.28
(32,1881)	1:140:A:LEU:HD11	1:143:A:TRP:HD1	5	1.28
(32,1881)	1:140:A:LEU:HD12	1:143:A:TRP:HD1	5	1.28
(32,1881)	1:140:A:LEU:HD13	1:143:A:TRP:HD1	5	1.28
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	6	1.28
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	6	1.28
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	6	1.28
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	6	1.28
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	6	1.28
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	6	1.28
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG21	10	1.28
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG22	10	1.28
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG23	10	1.28
(32,1358)	1:16:A:SER:HA	1:19:A:ALA:HB1	11	1.28
(32,1358)	1:16:A:SER:HA	1:19:A:ALA:HB2	11	1.28
(32,1358)	1:16:A:SER:HA	1:19:A:ALA:HB3	11	1.28
(32,1343)	1:132:A:ALA:HA	1:134:A:VAL:HG11	13	1.28
(32,1343)	1:132:A:ALA:HA	1:134:A:VAL:HG12	13	1.28
(32,1343)	1:132:A:ALA:HA	1:134:A:VAL:HG13	13	1.28
(32,1201)	1:43:A:MET:HG2	1:140:A:LEU:HD11	9	1.28
(32,1201)	1:43:A:MET:HG2	1:140:A:LEU:HD12	9	1.28
(32,1201)	1:43:A:MET:HG2	1:140:A:LEU:HD13	9	1.28
(32,1183)	1:11:A:ILE:HD11	1:131:A:LEU:HA	13	1.28
(32,1183)	1:11:A:ILE:HD12	1:131:A:LEU:HA	13	1.28
(32,1183)	1:11:A:ILE:HD13	1:131:A:LEU:HA	13	1.28
(30,1929)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	6	1.28
(30,1929)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	6	1.28
(30,1596)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	2	1.28
(30,1596)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	2	1.28
(30,1596)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	2	1.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1596)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	2	1.28
(30,1596)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	2	1.28
(30,1596)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	2	1.28
(30,1596)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	2	1.28
(30,1596)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	2	1.28
(30,1596)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	2	1.28
(30,1389)	1:16:A:SER:HA	1:19:A:ALA:HB1	11	1.28
(30,1389)	1:16:A:SER:HA	1:19:A:ALA:HB2	11	1.28
(30,1389)	1:16:A:SER:HA	1:19:A:ALA:HB3	11	1.28
(30,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	5	1.28
(30,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	5	1.28
(30,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	5	1.28
(30,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	5	1.28
(30,755)	1:37:A:LEU:H	1:40:A:LEU:HB3	19	1.28
(29,2445)	1:144:A:LEU:HD11	1:148:A:CYS:H	9	1.28
(29,2445)	1:144:A:LEU:HD12	1:148:A:CYS:H	9	1.28
(29,2445)	1:144:A:LEU:HD13	1:148:A:CYS:H	9	1.28
(29,2445)	1:144:A:LEU:HD21	1:148:A:CYS:H	9	1.28
(29,2445)	1:144:A:LEU:HD22	1:148:A:CYS:H	9	1.28
(29,2445)	1:144:A:LEU:HD23	1:148:A:CYS:H	9	1.28
(29,2074)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	3	1.28
(29,2074)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	3	1.28
(29,2074)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	3	1.28
(29,2074)	1:31:A:PRO:HD2	1:144:A:LEU:HD21	3	1.28
(29,2074)	1:31:A:PRO:HD2	1:144:A:LEU:HD22	3	1.28
(29,2074)	1:31:A:PRO:HD2	1:144:A:LEU:HD23	3	1.28
(29,2074)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	3	1.28
(29,2074)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	3	1.28
(29,2074)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	3	1.28
(29,2074)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	3	1.28
(29,2074)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	3	1.28
(29,2074)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	3	1.28
(29,1483)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	9	1.28
(29,1399)	1:16:A:SER:HA	1:19:A:ALA:HB1	11	1.28
(29,1399)	1:16:A:SER:HA	1:19:A:ALA:HB2	11	1.28
(29,1399)	1:16:A:SER:HA	1:19:A:ALA:HB3	11	1.28
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	2	1.28
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	2	1.28
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	2	1.28
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	2	1.28
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	2	1.28
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	2	1.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD11	8	1.28
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD12	8	1.28
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD13	8	1.28
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD21	8	1.28
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD22	8	1.28
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD23	8	1.28
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	1	1.28
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	1	1.28
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	1	1.28
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	1	1.28
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	1	1.28
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	1	1.28
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	1	1.28
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	1	1.28
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	1	1.28
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	1	1.28
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	1	1.28
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	1	1.28
(18,1841)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	15	1.28
(18,1841)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	15	1.28
(18,1774)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	1	1.28
(18,1774)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	1	1.28
(18,1774)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	1	1.28
(18,1774)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	1	1.28
(18,1774)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	1	1.28
(18,1774)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	1	1.28
(18,1465)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	9	1.28
(18,1386)	1:16:A:SER:HA	1:19:A:ALA:HB1	11	1.28
(18,1386)	1:16:A:SER:HA	1:19:A:ALA:HB2	11	1.28
(18,1386)	1:16:A:SER:HA	1:19:A:ALA:HB3	11	1.28
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	8	1.28
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	8	1.28
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	8	1.28
(18,671)	1:101:A:ILE:HB	1:103:A:ARG:H	9	1.28
(17,1945)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	6	1.28
(17,1945)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	6	1.28
(17,1929)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	5	1.28
(17,1772)	1:39:A:VAL:HB	1:139:A:LEU:HA	7	1.28
(17,1754)	1:31:A:PRO:HB2	1:35:A:LEU:HA	2	1.28
(17,1754)	1:31:A:PRO:HB3	1:35:A:LEU:HA	2	1.28
(17,1725)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	11	1.28
(17,1409)	1:16:A:SER:HA	1:19:A:ALA:HB1	11	1.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1409)	1:16:A:SER:HA	1:19:A:ALA:HB2	11	1.28
(17,1409)	1:16:A:SER:HA	1:19:A:ALA:HB3	11	1.28
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD21	17	1.28
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD22	17	1.28
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD23	17	1.28
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD21	17	1.28
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD22	17	1.28
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD23	17	1.28
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD21	17	1.28
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD22	17	1.28
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD23	17	1.28
(17,1129)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	14	1.28
(17,1129)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	14	1.28
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG2	15	1.28
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG3	15	1.28
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD11	6	1.28
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD12	6	1.28
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD13	6	1.28
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD21	6	1.28
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD22	6	1.28
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD23	6	1.28
(16,1948)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	1	1.28
(16,1948)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	1	1.28
(16,1911)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	6	1.28
(16,1911)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	6	1.28
(16,1897)	1:35:A:LEU:HG	1:80:A:TYR:HE1	5	1.28
(16,1897)	1:35:A:LEU:HG	1:80:A:TYR:HE2	5	1.28
(16,1701)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	11	1.28
(16,1394)	1:16:A:SER:HA	1:19:A:ALA:HB1	11	1.28
(16,1394)	1:16:A:SER:HA	1:19:A:ALA:HB2	11	1.28
(16,1394)	1:16:A:SER:HA	1:19:A:ALA:HB3	11	1.28
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG21	7	1.28
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG22	7	1.28
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG23	7	1.28
(16,1332)	1:106:A:ASP:HA	1:112:A:GLN:HE21	7	1.28
(16,1018)	1:95:A:ILE:HG21	1:105:A:LYS:HB2	3	1.28
(16,1018)	1:95:A:ILE:HG21	1:105:A:LYS:HB3	3	1.28
(16,1018)	1:95:A:ILE:HG22	1:105:A:LYS:HB2	3	1.28
(16,1018)	1:95:A:ILE:HG22	1:105:A:LYS:HB3	3	1.28
(16,1018)	1:95:A:ILE:HG23	1:105:A:LYS:HB2	3	1.28
(16,1018)	1:95:A:ILE:HG23	1:105:A:LYS:HB3	3	1.28
(16,727)	1:63:A:ILE:HG12	1:116:A:GLN:HE22	14	1.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,350)	1:111:A:GLU:H	1:111:A:GLU:HG2	11	1.28
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD11	9	1.28
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD12	9	1.28
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD13	9	1.28
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD21	9	1.28
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD22	9	1.28
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD23	9	1.28
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD11	9	1.28
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD12	9	1.28
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD13	9	1.28
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD21	9	1.28
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD22	9	1.28
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD23	9	1.28
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD11	9	1.28
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD12	9	1.28
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD13	9	1.28
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD21	9	1.28
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD22	9	1.28
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD23	9	1.28
(15,2052)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	6	1.28
(15,2052)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	6	1.28
(15,2052)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	6	1.28
(15,2052)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	6	1.28
(15,2052)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	6	1.28
(15,2052)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	6	1.28
(15,2052)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	6	1.28
(15,2052)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	6	1.28
(15,2052)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	6	1.28
(15,2052)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	6	1.28
(15,2052)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	6	1.28
(15,2052)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	6	1.28
(15,1890)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	5	1.28
(15,1759)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	7	1.28
(15,1759)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	7	1.28
(15,1759)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	7	1.28
(15,1759)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	7	1.28
(15,1619)	1:13:A:ALA:HA	1:80:A:TYR:HB3	17	1.28
(15,1387)	1:16:A:SER:HA	1:19:A:ALA:HB1	11	1.28
(15,1387)	1:16:A:SER:HA	1:19:A:ALA:HB2	11	1.28
(15,1387)	1:16:A:SER:HA	1:19:A:ALA:HB3	11	1.28
(15,1373)	1:132:A:ALA:HA	1:134:A:VAL:HG11	13	1.28
(15,1373)	1:132:A:ALA:HA	1:134:A:VAL:HG12	13	1.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1373)	1:132:A:ALA:HA	1:134:A:VAL:HG13	13	1.28
(15,992)	1:12:A:VAL:HB	1:40:A:LEU:H	9	1.28
(15,948)	1:40:A:LEU:HA	1:43:A:MET:HG2	9	1.28
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	5	1.28
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	5	1.28
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	5	1.28
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	5	1.28
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	5	1.28
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	5	1.28
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	5	1.28
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	5	1.28
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	5	1.28
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD11	8	1.28
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD12	8	1.28
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD13	8	1.28
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD21	8	1.28
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD22	8	1.28
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD23	8	1.28
(13,1813)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	15	1.28
(13,1813)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	15	1.28
(13,1412)	1:31:A:PRO:HD3	1:144:A:LEU:HA	7	1.28
(13,1412)	1:31:A:PRO:HD3	1:144:A:LEU:HA	19	1.28
(13,1366)	1:16:A:SER:HA	1:19:A:ALA:HB1	11	1.28
(13,1366)	1:16:A:SER:HA	1:19:A:ALA:HB2	11	1.28
(13,1366)	1:16:A:SER:HA	1:19:A:ALA:HB3	11	1.28
(13,1200)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	3	1.28
(13,1200)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	3	1.28
(13,1200)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	3	1.28
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	4	1.28
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	4	1.28
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	4	1.28
(11,1624)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	2	1.28
(11,1624)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	2	1.28
(11,1624)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	2	1.28
(11,1624)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	2	1.28
(11,1624)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	2	1.28
(11,1624)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	2	1.28
(11,1624)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	2	1.28
(11,1624)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	2	1.28
(11,1624)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	2	1.28
(11,1410)	1:16:A:SER:HA	1:19:A:ALA:HB1	11	1.28
(11,1410)	1:16:A:SER:HA	1:19:A:ALA:HB2	11	1.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1410)	1:16:A:SER:HA	1:19:A:ALA:HB3	11	1.28
(11,1347)	1:106:A:ASP:HA	1:112:A:GLN:HE21	7	1.28
(11,995)	1:102:A:PRO:HA	1:105:A:LYS:HD2	9	1.28
(11,995)	1:102:A:PRO:HA	1:105:A:LYS:HD3	9	1.28
(9,2433)	1:144:A:LEU:HD11	1:148:A:CYS:H	9	1.28
(9,2433)	1:144:A:LEU:HD12	1:148:A:CYS:H	9	1.28
(9,2433)	1:144:A:LEU:HD13	1:148:A:CYS:H	9	1.28
(9,2433)	1:144:A:LEU:HD21	1:148:A:CYS:H	9	1.28
(9,2433)	1:144:A:LEU:HD22	1:148:A:CYS:H	9	1.28
(9,2433)	1:144:A:LEU:HD23	1:148:A:CYS:H	9	1.28
(9,1505)	1:43:A:MET:HE1	1:46:A:ASN:HB2	2	1.28
(9,1505)	1:43:A:MET:HE2	1:46:A:ASN:HB2	2	1.28
(9,1505)	1:43:A:MET:HE3	1:46:A:ASN:HB2	2	1.28
(9,1384)	1:16:A:SER:HA	1:19:A:ALA:HB1	11	1.28
(9,1384)	1:16:A:SER:HA	1:19:A:ALA:HB2	11	1.28
(9,1384)	1:16:A:SER:HA	1:19:A:ALA:HB3	11	1.28
(9,1370)	1:132:A:ALA:HA	1:134:A:VAL:HG11	13	1.28
(9,1370)	1:132:A:ALA:HA	1:134:A:VAL:HG12	13	1.28
(9,1370)	1:132:A:ALA:HA	1:134:A:VAL:HG13	13	1.28
(9,1326)	1:106:A:ASP:HA	1:112:A:GLN:HE21	7	1.28
(9,910)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	7	1.28
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD11	3	1.28
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD12	3	1.28
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD13	3	1.28
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD21	3	1.28
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD22	3	1.28
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD23	3	1.28
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD11	3	1.28
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD12	3	1.28
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD13	3	1.28
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD21	3	1.28
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD22	3	1.28
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD23	3	1.28
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD11	18	1.28
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD12	18	1.28
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD13	18	1.28
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD21	18	1.28
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD22	18	1.28
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD23	18	1.28
(7,1822)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	15	1.28
(7,1822)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	15	1.28
(7,1452)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	9	1.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG21	3	1.28
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG22	3	1.28
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG23	3	1.28
(7,1047)	1:54:A:ARG:HA	1:58:A:ILE:HG13	17	1.28
(6,1777)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	7	1.28
(6,1777)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	7	1.28
(6,1777)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	7	1.28
(6,1777)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	7	1.28
(6,1698)	1:43:A:MET:HE1	1:137:A:SER:H	10	1.28
(6,1698)	1:43:A:MET:HE2	1:137:A:SER:H	10	1.28
(6,1698)	1:43:A:MET:HE3	1:137:A:SER:H	10	1.28
(6,1437)	1:31:A:PRO:HD3	1:144:A:LEU:HA	7	1.28
(6,1437)	1:31:A:PRO:HD3	1:144:A:LEU:HA	19	1.28
(5,2474)	1:144:A:LEU:HD11	1:148:A:CYS:H	9	1.28
(5,2474)	1:144:A:LEU:HD12	1:148:A:CYS:H	9	1.28
(5,2474)	1:144:A:LEU:HD13	1:148:A:CYS:H	9	1.28
(5,2474)	1:144:A:LEU:HD21	1:148:A:CYS:H	9	1.28
(5,2474)	1:144:A:LEU:HD22	1:148:A:CYS:H	9	1.28
(5,2474)	1:144:A:LEU:HD23	1:148:A:CYS:H	9	1.28
(5,2044)	1:31:A:PRO:HB2	1:144:A:LEU:HB2	16	1.28
(5,2044)	1:31:A:PRO:HB2	1:144:A:LEU:HB3	16	1.28
(5,2044)	1:31:A:PRO:HB3	1:144:A:LEU:HB2	16	1.28
(5,2044)	1:31:A:PRO:HB3	1:144:A:LEU:HB3	16	1.28
(5,1904)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	1.28
(5,1904)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	1.28
(5,1904)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	1.28
(5,1904)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	1.28
(5,1904)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	1.28
(5,1904)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	1.28
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	2	1.28
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	2	1.28
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	2	1.28
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	2	1.28
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	2	1.28
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	2	1.28
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	2	1.28
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	2	1.28
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	2	1.28
(5,1410)	1:16:A:SER:HA	1:19:A:ALA:HB1	11	1.28
(5,1410)	1:16:A:SER:HA	1:19:A:ALA:HB2	11	1.28
(5,1410)	1:16:A:SER:HA	1:19:A:ALA:HB3	11	1.28
(5,1329)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	9	1.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1329)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	9	1.28
(5,1329)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	9	1.28
(5,1329)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	9	1.28
(5,1329)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	9	1.28
(5,1329)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	9	1.28
(5,1329)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	9	1.28
(5,1329)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	9	1.28
(5,1329)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	9	1.28
(5,916)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	19	1.28
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	8	1.28
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	8	1.28
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	8	1.28
(4,1889)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	5	1.28
(4,1886)	1:35:A:LEU:HG	1:80:A:TYR:HE1	5	1.28
(4,1886)	1:35:A:LEU:HG	1:80:A:TYR:HE2	5	1.28
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE1	17	1.28
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE2	17	1.28
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE3	17	1.28
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE1	17	1.28
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE2	17	1.28
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE3	17	1.28
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE1	17	1.28
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE2	17	1.28
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE3	17	1.28
(4,1483)	1:43:A:MET:HE1	1:46:A:ASN:HD22	2	1.28
(4,1483)	1:43:A:MET:HE2	1:46:A:ASN:HD22	2	1.28
(4,1483)	1:43:A:MET:HE3	1:46:A:ASN:HD22	2	1.28
(4,1372)	1:16:A:SER:HA	1:19:A:ALA:HB1	11	1.28
(4,1372)	1:16:A:SER:HA	1:19:A:ALA:HB2	11	1.28
(4,1372)	1:16:A:SER:HA	1:19:A:ALA:HB3	11	1.28
(4,748)	1:32:A:GLY:HA2	1:34:A:LYS:H	18	1.28
(4,703)	1:48:A:ARG:HE	1:49:A:LYS:HA	17	1.28
(3,2306)	1:79:A:THR:HG21	1:81:A:GLU:HB2	14	1.28
(3,2306)	1:79:A:THR:HG21	1:81:A:GLU:HB3	14	1.28
(3,2306)	1:79:A:THR:HG22	1:81:A:GLU:HB2	14	1.28
(3,2306)	1:79:A:THR:HG22	1:81:A:GLU:HB3	14	1.28
(3,2306)	1:79:A:THR:HG23	1:81:A:GLU:HB2	14	1.28
(3,2306)	1:79:A:THR:HG23	1:81:A:GLU:HB3	14	1.28
(3,1947)	1:140:A:LEU:HD11	1:143:A:TRP:HD1	5	1.28
(3,1947)	1:140:A:LEU:HD12	1:143:A:TRP:HD1	5	1.28
(3,1947)	1:140:A:LEU:HD13	1:143:A:TRP:HD1	5	1.28
(3,1939)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	5	1.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1476)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	4	1.28
(3,1476)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	4	1.28
(3,1476)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	4	1.28
(3,1415)	1:16:A:SER:HA	1:19:A:ALA:HB1	11	1.28
(3,1415)	1:16:A:SER:HA	1:19:A:ALA:HB2	11	1.28
(3,1415)	1:16:A:SER:HA	1:19:A:ALA:HB3	11	1.28
(3,1355)	1:106:A:ASP:HA	1:112:A:GLN:HE21	7	1.28
(3,811)	1:11:A:ILE:HD11	1:43:A:MET:HG2	5	1.28
(3,811)	1:11:A:ILE:HD12	1:43:A:MET:HG2	5	1.28
(3,811)	1:11:A:ILE:HD13	1:43:A:MET:HG2	5	1.28
(3,807)	1:11:A:ILE:HD11	1:43:A:MET:HG3	4	1.28
(3,807)	1:11:A:ILE:HD12	1:43:A:MET:HG3	4	1.28
(3,807)	1:11:A:ILE:HD13	1:43:A:MET:HG3	4	1.28
(3,802)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	11	1.28
(3,802)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	11	1.28
(3,802)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	11	1.28
(3,802)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	11	1.28
(3,802)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	11	1.28
(3,802)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	11	1.28
(3,235)	1:40:A:LEU:HD11	1:44:A:GLU:H	12	1.28
(3,235)	1:40:A:LEU:HD12	1:44:A:GLU:H	12	1.28
(3,235)	1:40:A:LEU:HD13	1:44:A:GLU:H	12	1.28
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG11	10	1.28
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG12	10	1.28
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG13	10	1.28
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG21	10	1.28
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG22	10	1.28
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG23	10	1.28
(2,2141)	1:40:A:LEU:HD11	1:41:A:LYS:HA	17	1.28
(2,2141)	1:40:A:LEU:HD12	1:41:A:LYS:HA	17	1.28
(2,2141)	1:40:A:LEU:HD13	1:41:A:LYS:HA	17	1.28
(2,2141)	1:40:A:LEU:HD21	1:41:A:LYS:HA	17	1.28
(2,2141)	1:40:A:LEU:HD22	1:41:A:LYS:HA	17	1.28
(2,2141)	1:40:A:LEU:HD23	1:41:A:LYS:HA	17	1.28
(2,1979)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	1	1.28
(2,1979)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	1	1.28
(2,1950)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	12	1.28
(2,1950)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	12	1.28
(2,1950)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	12	1.28
(2,1804)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	2	1.28
(2,1804)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	2	1.28
(2,1756)	1:31:A:PRO:HB2	1:35:A:LEU:HA	2	1.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1756)	1:31:A:PRO:HB3	1:35:A:LEU:HA	2	1.28
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG21	10	1.28
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG22	10	1.28
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG23	10	1.28
(2,1394)	1:16:A:SER:HA	1:19:A:ALA:HB1	11	1.28
(2,1394)	1:16:A:SER:HA	1:19:A:ALA:HB2	11	1.28
(2,1394)	1:16:A:SER:HA	1:19:A:ALA:HB3	11	1.28
(2,1241)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	16	1.28
(2,1241)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	16	1.28
(2,1241)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	16	1.28
(2,1241)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	16	1.28
(2,1241)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	16	1.28
(2,1241)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	16	1.28
(2,1110)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	14	1.28
(2,1110)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	14	1.28
(2,956)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	2	1.28
(2,956)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	2	1.28
(2,956)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	17	1.28
(2,956)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	17	1.28
(2,580)	1:126:A:GLY:H	1:129:A:LYS:HG2	8	1.28
(2,479)	1:145:A:PRO:HB2	1:148:A:CYS:H	16	1.28
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	13	1.28
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	13	1.28
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	13	1.28
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	13	1.28
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	13	1.28
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	13	1.28
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	13	1.28
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	13	1.28
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	13	1.28
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	13	1.28
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	13	1.28
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	13	1.28
(1,1868)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	15	1.28
(1,1868)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	15	1.28
(1,1795)	1:13:A:ALA:H	1:80:A:TYR:HD1	8	1.28
(1,1795)	1:13:A:ALA:H	1:80:A:TYR:HD2	8	1.28
(1,1794)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	2	1.28
(1,1794)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	2	1.28
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	2	1.28
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	2	1.28
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	2	1.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	2	1.28
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	2	1.28
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	2	1.28
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	2	1.28
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	2	1.28
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	2	1.28
(1,1520)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	17	1.28
(1,1520)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	17	1.28
(1,1520)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	17	1.28
(1,1483)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	9	1.28
(1,991)	1:11:A:ILE:HG12	1:14:A:VAL:HB	17	1.28
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	5	1.28
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	5	1.28
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	5	1.28
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	5	1.28
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	5	1.28
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	5	1.28
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	5	1.28
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	5	1.28
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	5	1.28
(1,567)	1:10:A:ASN:HD21	1:12:A:VAL:HG21	9	1.28
(1,567)	1:10:A:ASN:HD21	1:12:A:VAL:HG22	9	1.28
(1,567)	1:10:A:ASN:HD21	1:12:A:VAL:HG23	9	1.28
(34,2207)	1:60:A:LEU:HG	1:61:A:SER:HB2	1	1.27
(34,2207)	1:60:A:LEU:HG	1:61:A:SER:HB3	1	1.27
(34,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	18	1.27
(34,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	18	1.27
(34,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	18	1.27
(34,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	18	1.27
(34,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	18	1.27
(34,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	18	1.27
(34,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	18	1.27
(34,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	18	1.27
(34,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	18	1.27
(34,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	18	1.27
(34,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	18	1.27
(34,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	18	1.27
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE1	14	1.27
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE2	14	1.27
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE3	14	1.27
(34,1390)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	11	1.27
(34,1390)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	11	1.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1390)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	11	1.27
(34,1318)	1:66:A:THR:HG21	1:96:A:VAL:H	17	1.27
(34,1318)	1:66:A:THR:HG22	1:96:A:VAL:H	17	1.27
(34,1318)	1:66:A:THR:HG23	1:96:A:VAL:H	17	1.27
(34,947)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	9	1.27
(34,947)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	9	1.27
(34,947)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	9	1.27
(34,947)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	9	1.27
(33,2243)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	14	1.27
(33,2243)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	14	1.27
(33,2243)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	14	1.27
(33,2243)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	14	1.27
(33,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	12	1.27
(33,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	12	1.27
(33,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	12	1.27
(33,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	12	1.27
(33,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	12	1.27
(33,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	12	1.27
(33,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	12	1.27
(33,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	12	1.27
(33,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	12	1.27
(33,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	12	1.27
(33,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	12	1.27
(33,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	12	1.27
(33,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	12	1.27
(33,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	12	1.27
(33,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	12	1.27
(33,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	12	1.27
(33,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	12	1.27
(33,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	12	1.27
(33,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	12	1.27
(33,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	12	1.27
(33,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	12	1.27
(33,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	12	1.27
(33,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	12	1.27
(33,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	12	1.27
(33,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	12	1.27
(33,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	12	1.27
(33,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	12	1.27
(33,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	12	1.27
(33,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	12	1.27
(33,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	12	1.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	12	1.27
(33,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	12	1.27
(33,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	12	1.27
(33,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	12	1.27
(33,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	12	1.27
(33,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	12	1.27
(33,2133)	1:40:A:LEU:HD11	1:41:A:LYS:HA	13	1.27
(33,2133)	1:40:A:LEU:HD12	1:41:A:LYS:HA	13	1.27
(33,2133)	1:40:A:LEU:HD13	1:41:A:LYS:HA	13	1.27
(33,2133)	1:40:A:LEU:HD21	1:41:A:LYS:HA	13	1.27
(33,2133)	1:40:A:LEU:HD22	1:41:A:LYS:HA	13	1.27
(33,2133)	1:40:A:LEU:HD23	1:41:A:LYS:HA	13	1.27
(33,2086)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	9	1.27
(33,2086)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	9	1.27
(33,2086)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	9	1.27
(33,2086)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	9	1.27
(33,2086)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	9	1.27
(33,2086)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	9	1.27
(33,1841)	1:13:A:ALA:HA	1:80:A:TYR:HE1	10	1.27
(33,1841)	1:13:A:ALA:HA	1:80:A:TYR:HE2	10	1.27
(33,1698)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	4	1.27
(33,1698)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	4	1.27
(33,1637)	1:134:A:VAL:HG11	1:137:A:SER:H	4	1.27
(33,1637)	1:134:A:VAL:HG12	1:137:A:SER:H	4	1.27
(33,1637)	1:134:A:VAL:HG13	1:137:A:SER:H	4	1.27
(33,1637)	1:134:A:VAL:HG11	1:137:A:SER:H	14	1.27
(33,1637)	1:134:A:VAL:HG12	1:137:A:SER:H	14	1.27
(33,1637)	1:134:A:VAL:HG13	1:137:A:SER:H	14	1.27
(33,1253)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	16	1.27
(33,1253)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	16	1.27
(33,1253)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	16	1.27
(33,1253)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	16	1.27
(33,1253)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	16	1.27
(33,1253)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	16	1.27
(33,934)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	9	1.27
(33,934)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	9	1.27
(33,934)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	9	1.27
(33,934)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	9	1.27
(32,2488)	1:144:A:LEU:HD11	1:146:A:GLN:HE21	4	1.27
(32,2488)	1:144:A:LEU:HD11	1:146:A:GLN:HE22	4	1.27
(32,2488)	1:144:A:LEU:HD12	1:146:A:GLN:HE21	4	1.27
(32,2488)	1:144:A:LEU:HD12	1:146:A:GLN:HE22	4	1.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2488)	1:144:A:LEU:HD13	1:146:A:GLN:HE21	4	1.27
(32,2488)	1:144:A:LEU:HD13	1:146:A:GLN:HE22	4	1.27
(32,2488)	1:144:A:LEU:HD21	1:146:A:GLN:HE21	4	1.27
(32,2488)	1:144:A:LEU:HD21	1:146:A:GLN:HE22	4	1.27
(32,2488)	1:144:A:LEU:HD22	1:146:A:GLN:HE21	4	1.27
(32,2488)	1:144:A:LEU:HD22	1:146:A:GLN:HE22	4	1.27
(32,2488)	1:144:A:LEU:HD23	1:146:A:GLN:HE21	4	1.27
(32,2488)	1:144:A:LEU:HD23	1:146:A:GLN:HE22	4	1.27
(32,2199)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	12	1.27
(32,2199)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	12	1.27
(32,2199)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	12	1.27
(32,2199)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	12	1.27
(32,2199)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	12	1.27
(32,2199)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	12	1.27
(32,2199)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	12	1.27
(32,2199)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	12	1.27
(32,2199)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	12	1.27
(32,2199)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	12	1.27
(32,2199)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	12	1.27
(32,2199)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	12	1.27
(32,2199)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	12	1.27
(32,2199)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	12	1.27
(32,2199)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	12	1.27
(32,2199)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	12	1.27
(32,2199)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	12	1.27
(32,2199)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	12	1.27
(32,2199)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	12	1.27
(32,2199)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	12	1.27
(32,2199)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	12	1.27
(32,2199)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	12	1.27
(32,2199)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	12	1.27
(32,2199)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	12	1.27
(32,2199)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	12	1.27
(32,2199)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	12	1.27
(32,2199)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	12	1.27
(32,2199)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	12	1.27
(32,2199)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	12	1.27
(32,2199)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	12	1.27
(32,2199)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	12	1.27
(32,2199)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	12	1.27
(32,2199)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	12	1.27
(32,2199)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	12	1.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2199)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	12	1.27
(32,2199)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	12	1.27
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	9	1.27
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	9	1.27
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	9	1.27
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	9	1.27
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	9	1.27
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	9	1.27
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	9	1.27
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	9	1.27
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	9	1.27
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	9	1.27
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	9	1.27
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	9	1.27
(32,1343)	1:132:A:ALA:HA	1:134:A:VAL:HG11	7	1.27
(32,1343)	1:132:A:ALA:HA	1:134:A:VAL:HG12	7	1.27
(32,1343)	1:132:A:ALA:HA	1:134:A:VAL:HG13	7	1.27
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	9	1.27
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	9	1.27
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	9	1.27
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	9	1.27
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	9	1.27
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	9	1.27
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	9	1.27
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	9	1.27
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	9	1.27
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	9	1.27
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	9	1.27
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	9	1.27
(30,2142)	1:40:A:LEU:HD11	1:41:A:LYS:HA	17	1.27
(30,2142)	1:40:A:LEU:HD12	1:41:A:LYS:HA	17	1.27
(30,2142)	1:40:A:LEU:HD13	1:41:A:LYS:HA	17	1.27
(30,2142)	1:40:A:LEU:HD21	1:41:A:LYS:HA	17	1.27
(30,2142)	1:40:A:LEU:HD22	1:41:A:LYS:HA	17	1.27
(30,2142)	1:40:A:LEU:HD23	1:41:A:LYS:HA	17	1.27
(30,2044)	1:27:A:ARG:HB2	1:29:A:LYS:H	1	1.27
(30,2044)	1:27:A:ARG:HB3	1:29:A:LYS:H	1	1.27
(30,1908)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	12	1.27
(30,1908)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	12	1.27
(30,1908)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	12	1.27
(30,1908)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	12	1.27
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE1	3	1.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE2	3	1.27
(30,1626)	1:33:A:LYS:HA	1:80:A:TYR:HB2	1	1.27
(30,755)	1:37:A:LEU:H	1:40:A:LEU:HB3	11	1.27
(30,232)	1:44:A:GLU:HG3	1:48:A:ARG:H	19	1.27
(29,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	18	1.27
(29,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	18	1.27
(29,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	18	1.27
(29,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	18	1.27
(29,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	18	1.27
(29,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	18	1.27
(29,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	18	1.27
(29,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	18	1.27
(29,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	18	1.27
(29,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	18	1.27
(29,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	18	1.27
(29,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	18	1.27
(29,1920)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	16	1.27
(29,1920)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	16	1.27
(29,1838)	1:9:A:PHE:HZ	1:54:A:ARG:HE	9	1.27
(29,1723)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	4	1.27
(29,1723)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	4	1.27
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE1	14	1.27
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE2	14	1.27
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE3	14	1.27
(29,1483)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	4	1.27
(29,1483)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	18	1.27
(29,1392)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	9	1.27
(29,1392)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	9	1.27
(29,1392)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	9	1.27
(29,1190)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	10	1.27
(29,1190)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	10	1.27
(29,1190)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	10	1.27
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB1	7	1.27
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB2	7	1.27
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB3	7	1.27
(18,2282)	1:96:A:VAL:HG11	1:116:A:GLN:HG2	17	1.27
(18,2282)	1:96:A:VAL:HG12	1:116:A:GLN:HG2	17	1.27
(18,2282)	1:96:A:VAL:HG13	1:116:A:GLN:HG2	17	1.27
(18,2282)	1:96:A:VAL:HG21	1:116:A:GLN:HG2	17	1.27
(18,2282)	1:96:A:VAL:HG22	1:116:A:GLN:HG2	17	1.27
(18,2282)	1:96:A:VAL:HG23	1:116:A:GLN:HG2	17	1.27
(18,2282)	1:96:A:VAL:HG11	1:116:A:GLN:HG3	17	1.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2282)	1:96:A:VAL:HG12	1:116:A:GLN:HG3	17	1.27
(18,2282)	1:96:A:VAL:HG13	1:116:A:GLN:HG3	17	1.27
(18,2282)	1:96:A:VAL:HG21	1:116:A:GLN:HG3	17	1.27
(18,2282)	1:96:A:VAL:HG22	1:116:A:GLN:HG3	17	1.27
(18,2282)	1:96:A:VAL:HG23	1:116:A:GLN:HG3	17	1.27
(18,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB2	14	1.27
(18,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB3	14	1.27
(18,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB2	14	1.27
(18,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB3	14	1.27
(18,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB2	14	1.27
(18,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB3	14	1.27
(18,1970)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	18	1.27
(18,1970)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	18	1.27
(18,1970)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	18	1.27
(18,1970)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	18	1.27
(18,1970)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	18	1.27
(18,1970)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	18	1.27
(18,1970)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	18	1.27
(18,1970)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	18	1.27
(18,1970)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	18	1.27
(18,1970)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	18	1.27
(18,1970)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	18	1.27
(18,1970)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	18	1.27
(18,1892)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	16	1.27
(18,1892)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	16	1.27
(18,1775)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	4	1.27
(18,1775)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	4	1.27
(18,1775)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	4	1.27
(18,1775)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	4	1.27
(18,1531)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	7	1.27
(18,1531)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	7	1.27
(18,1531)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	7	1.27
(18,1531)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	7	1.27
(18,1531)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	7	1.27
(18,1531)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	7	1.27
(18,1465)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	4	1.27
(18,1465)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	18	1.27
(18,267)	1:27:A:ARG:HB3	1:29:A:LYS:H	11	1.27
(18,153)	1:67:A:PRO:HD3	1:95:A:ILE:H	9	1.27
(17,1806)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	1	1.27
(17,1806)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	1	1.27
(17,1806)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	1	1.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1806)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	1	1.27
(17,1806)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	1	1.27
(17,1806)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	1	1.27
(17,1719)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	4	1.27
(17,1719)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	4	1.27
(17,1388)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	11	1.27
(17,1388)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	11	1.27
(17,1388)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	11	1.27
(17,1298)	1:66:A:THR:HG21	1:96:A:VAL:H	17	1.27
(17,1298)	1:66:A:THR:HG22	1:96:A:VAL:H	17	1.27
(17,1298)	1:66:A:THR:HG23	1:96:A:VAL:H	17	1.27
(17,992)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	15	1.27
(17,992)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	15	1.27
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	3	1.27
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	3	1.27
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	3	1.27
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	3	1.27
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	3	1.27
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	3	1.27
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD11	4	1.27
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD12	4	1.27
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD13	4	1.27
(17,756)	1:43:A:MET:HE1	1:147:A:ARG:HE	5	1.27
(17,756)	1:43:A:MET:HE2	1:147:A:ARG:HE	5	1.27
(17,756)	1:43:A:MET:HE3	1:147:A:ARG:HE	5	1.27
(17,723)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	17	1.27
(17,723)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	17	1.27
(17,723)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	17	1.27
(17,436)	1:68:A:LYS:H	1:70:A:LYS:HG2	13	1.27
(16,2092)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	9	1.27
(16,2092)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	9	1.27
(16,2092)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	9	1.27
(16,2092)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	9	1.27
(16,2092)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	9	1.27
(16,2092)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	9	1.27
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD11	18	1.27
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD12	18	1.27
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD13	18	1.27
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD21	18	1.27
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD22	18	1.27
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD23	18	1.27
(16,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	11	1.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	11	1.27
(16,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	11	1.27
(16,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	11	1.27
(16,1716)	1:21:A:THR:HG21	1:147:A:ARG:HE	16	1.27
(16,1716)	1:21:A:THR:HG22	1:147:A:ARG:HE	16	1.27
(16,1716)	1:21:A:THR:HG23	1:147:A:ARG:HE	16	1.27
(16,1696)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	4	1.27
(16,1696)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	4	1.27
(16,1175)	1:136:A:CYS:HA	1:140:A:LEU:HD21	12	1.27
(16,1175)	1:136:A:CYS:HA	1:140:A:LEU:HD22	12	1.27
(16,1175)	1:136:A:CYS:HA	1:140:A:LEU:HD23	12	1.27
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	3	1.27
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	3	1.27
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	3	1.27
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	3	1.27
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	3	1.27
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	3	1.27
(16,727)	1:63:A:ILE:HG12	1:116:A:GLN:HE22	5	1.27
(16,445)	1:68:A:LYS:H	1:70:A:LYS:HG2	13	1.27
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	8	1.27
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	8	1.27
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	8	1.27
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	8	1.27
(15,1695)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	4	1.27
(15,1695)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	4	1.27
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD21	10	1.27
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD22	10	1.27
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD23	10	1.27
(15,1575)	1:98:A:ILE:HD11	1:115:A:ALA:H	13	1.27
(15,1575)	1:98:A:ILE:HD12	1:115:A:ALA:H	13	1.27
(15,1575)	1:98:A:ILE:HD13	1:115:A:ALA:H	13	1.27
(15,1388)	1:19:A:ALA:HB1	1:21:A:THR:HG21	6	1.27
(15,1388)	1:19:A:ALA:HB1	1:21:A:THR:HG22	6	1.27
(15,1388)	1:19:A:ALA:HB1	1:21:A:THR:HG23	6	1.27
(15,1388)	1:19:A:ALA:HB2	1:21:A:THR:HG21	6	1.27
(15,1388)	1:19:A:ALA:HB2	1:21:A:THR:HG22	6	1.27
(15,1388)	1:19:A:ALA:HB2	1:21:A:THR:HG23	6	1.27
(15,1388)	1:19:A:ALA:HB3	1:21:A:THR:HG21	6	1.27
(15,1388)	1:19:A:ALA:HB3	1:21:A:THR:HG22	6	1.27
(15,1388)	1:19:A:ALA:HB3	1:21:A:THR:HG23	6	1.27
(15,1373)	1:132:A:ALA:HA	1:134:A:VAL:HG11	7	1.27
(15,1373)	1:132:A:ALA:HA	1:134:A:VAL:HG12	7	1.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1373)	1:132:A:ALA:HA	1:134:A:VAL:HG13	7	1.27
(15,1369)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	11	1.27
(15,1369)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	11	1.27
(15,1369)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	11	1.27
(15,926)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	9	1.27
(15,926)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	9	1.27
(15,926)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	9	1.27
(15,926)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	9	1.27
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	14	1.27
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	14	1.27
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	14	1.27
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	14	1.27
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	14	1.27
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	14	1.27
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	14	1.27
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	14	1.27
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	14	1.27
(15,594)	1:75:A:GLY:H	1:77:A:CYS:HB3	15	1.27
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	9	1.27
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	9	1.27
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	9	1.27
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	9	1.27
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	9	1.27
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	9	1.27
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	9	1.27
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	9	1.27
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	9	1.27
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	9	1.27
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	9	1.27
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	9	1.27
(13,1931)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	18	1.27
(13,1931)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	18	1.27
(13,1931)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	18	1.27
(13,1931)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	18	1.27
(13,1931)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	18	1.27
(13,1931)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	18	1.27
(13,1931)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	18	1.27
(13,1931)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	18	1.27
(13,1931)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	18	1.27
(13,1931)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	18	1.27
(13,1931)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	18	1.27
(13,1931)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	18	1.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG11	12	1.27
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG12	12	1.27
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG13	12	1.27
(11,2217)	1:60:A:LEU:HG	1:61:A:SER:HB2	1	1.27
(11,2217)	1:60:A:LEU:HG	1:61:A:SER:HB3	1	1.27
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	9	1.27
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	9	1.27
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	9	1.27
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	9	1.27
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	9	1.27
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	9	1.27
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	9	1.27
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	9	1.27
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	9	1.27
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	9	1.27
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	9	1.27
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	9	1.27
(11,2096)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	9	1.27
(11,2096)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	9	1.27
(11,2096)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	9	1.27
(11,2096)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	9	1.27
(11,2096)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	9	1.27
(11,2096)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	9	1.27
(11,1334)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	14	1.27
(11,1334)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	14	1.27
(11,1334)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	14	1.27
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	17	1.27
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	17	1.27
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	17	1.27
(11,956)	1:40:A:LEU:HA	1:43:A:MET:HG2	9	1.27
(11,940)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	1	1.27
(11,324)	1:44:A:GLU:HG2	1:46:A:ASN:H	7	1.27
(11,94)	1:95:A:ILE:HG21	1:97:A:ASP:H	5	1.27
(11,94)	1:95:A:ILE:HG22	1:97:A:ASP:H	5	1.27
(11,94)	1:95:A:ILE:HG23	1:97:A:ASP:H	5	1.27
(9,2432)	1:144:A:LEU:HD11	1:147:A:ARG:HE	2	1.27
(9,2432)	1:144:A:LEU:HD12	1:147:A:ARG:HE	2	1.27
(9,2432)	1:144:A:LEU:HD13	1:147:A:ARG:HE	2	1.27
(9,2432)	1:144:A:LEU:HD21	1:147:A:ARG:HE	2	1.27
(9,2432)	1:144:A:LEU:HD22	1:147:A:ARG:HE	2	1.27
(9,2432)	1:144:A:LEU:HD23	1:147:A:ARG:HE	2	1.27
(9,2428)	1:144:A:LEU:HB2	1:148:A:CYS:H	19	1.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2428)	1:144:A:LEU:HB3	1:148:A:CYS:H	19	1.27
(9,2364)	1:131:A:LEU:HD11	1:134:A:VAL:HB	3	1.27
(9,2364)	1:131:A:LEU:HD12	1:134:A:VAL:HB	3	1.27
(9,2364)	1:131:A:LEU:HD13	1:134:A:VAL:HB	3	1.27
(9,2364)	1:131:A:LEU:HD21	1:134:A:VAL:HB	3	1.27
(9,2364)	1:131:A:LEU:HD22	1:134:A:VAL:HB	3	1.27
(9,2364)	1:131:A:LEU:HD23	1:134:A:VAL:HB	3	1.27
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	4	1.27
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	4	1.27
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	4	1.27
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	4	1.27
(9,1836)	1:13:A:ALA:HA	1:80:A:TYR:HE1	10	1.27
(9,1836)	1:13:A:ALA:HA	1:80:A:TYR:HE2	10	1.27
(9,1698)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	4	1.27
(9,1698)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	4	1.27
(9,1370)	1:132:A:ALA:HA	1:134:A:VAL:HG11	7	1.27
(9,1370)	1:132:A:ALA:HA	1:134:A:VAL:HG12	7	1.27
(9,1370)	1:132:A:ALA:HA	1:134:A:VAL:HG13	7	1.27
(9,1355)	1:118:A:ASP:HA	1:121:A:VAL:HG11	10	1.27
(9,1355)	1:118:A:ASP:HA	1:121:A:VAL:HG12	10	1.27
(9,1355)	1:118:A:ASP:HA	1:121:A:VAL:HG13	10	1.27
(9,1055)	1:43:A:MET:HB2	1:140:A:LEU:HG	13	1.27
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	3	1.27
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	3	1.27
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	3	1.27
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	3	1.27
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	3	1.27
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	3	1.27
(9,748)	1:103:A:ARG:HE	1:107:A:LEU:HD11	16	1.27
(9,748)	1:103:A:ARG:HE	1:107:A:LEU:HD12	16	1.27
(9,748)	1:103:A:ARG:HE	1:107:A:LEU:HD13	16	1.27
(9,743)	1:105:A:LYS:HG2	1:112:A:GLN:HE21	11	1.27
(7,2251)	1:79:A:THR:HG21	1:81:A:GLU:HB2	5	1.27
(7,2251)	1:79:A:THR:HG21	1:81:A:GLU:HB3	5	1.27
(7,2251)	1:79:A:THR:HG22	1:81:A:GLU:HB2	5	1.27
(7,2251)	1:79:A:THR:HG22	1:81:A:GLU:HB3	5	1.27
(7,2251)	1:79:A:THR:HG23	1:81:A:GLU:HB2	5	1.27
(7,2251)	1:79:A:THR:HG23	1:81:A:GLU:HB3	5	1.27
(7,1865)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	1	1.27
(7,1865)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	1	1.27
(7,1865)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	1	1.27
(7,1865)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	1	1.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1865)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	1	1.27
(7,1865)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	1	1.27
(7,1452)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	4	1.27
(7,1452)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	18	1.27
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB1	7	1.27
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB2	7	1.27
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB3	7	1.27
(7,1036)	1:43:A:MET:HB2	1:140:A:LEU:HG	13	1.27
(7,971)	1:12:A:VAL:HB	1:40:A:LEU:H	3	1.27
(7,954)	1:11:A:ILE:HG12	1:14:A:VAL:HB	3	1.27
(7,917)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	9	1.27
(7,917)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	9	1.27
(7,917)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	9	1.27
(7,917)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	9	1.27
(6,2209)	1:60:A:LEU:HG	1:61:A:SER:HB2	1	1.27
(6,2209)	1:60:A:LEU:HG	1:61:A:SER:HB3	1	1.27
(6,1651)	1:134:A:VAL:HG11	1:137:A:SER:H	4	1.27
(6,1651)	1:134:A:VAL:HG12	1:137:A:SER:H	4	1.27
(6,1651)	1:134:A:VAL:HG13	1:137:A:SER:H	4	1.27
(6,1651)	1:134:A:VAL:HG11	1:137:A:SER:H	14	1.27
(6,1651)	1:134:A:VAL:HG12	1:137:A:SER:H	14	1.27
(6,1651)	1:134:A:VAL:HG13	1:137:A:SER:H	14	1.27
(6,1279)	1:66:A:THR:HG21	1:96:A:VAL:H	17	1.27
(6,1279)	1:66:A:THR:HG22	1:96:A:VAL:H	17	1.27
(6,1279)	1:66:A:THR:HG23	1:96:A:VAL:H	17	1.27
(6,776)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	12	1.27
(6,776)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	12	1.27
(6,776)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	12	1.27
(6,259)	1:27:A:ARG:HB3	1:29:A:LYS:H	11	1.27
(6,62)	1:32:A:GLY:HA2	1:81:A:GLU:H	14	1.27
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	9	1.27
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	9	1.27
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	9	1.27
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	9	1.27
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	9	1.27
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	9	1.27
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	9	1.27
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	9	1.27
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	9	1.27
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	9	1.27
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	9	1.27
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	9	1.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1962)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	19	1.27
(5,1962)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	19	1.27
(5,1962)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	19	1.27
(5,1962)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	19	1.27
(5,1962)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	19	1.27
(5,1962)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	19	1.27
(5,1884)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	16	1.27
(5,1725)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	4	1.27
(5,1725)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	4	1.27
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD11	4	1.27
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD12	4	1.27
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD13	4	1.27
(5,1311)	1:66:A:THR:HG21	1:96:A:VAL:H	17	1.27
(5,1311)	1:66:A:THR:HG22	1:96:A:VAL:H	17	1.27
(5,1311)	1:66:A:THR:HG23	1:96:A:VAL:H	17	1.27
(5,929)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	9	1.27
(5,929)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	9	1.27
(5,929)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	9	1.27
(5,929)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	9	1.27
(5,914)	1:43:A:MET:HA	1:44:A:GLU:HG2	3	1.27
(5,887)	1:11:A:ILE:HB	1:44:A:GLU:HG3	3	1.27
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD21	3	1.27
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD22	3	1.27
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD23	3	1.27
(5,573)	1:148:A:CYS:HA	1:150:A:THR:H	2	1.27
(4,2413)	1:129:A:LYS:HG2	1:130:A:GLY:HA2	1	1.27
(4,2413)	1:129:A:LYS:HG3	1:130:A:GLY:HA2	1	1.27
(4,2202)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	12	1.27
(4,2202)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	12	1.27
(4,2202)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	12	1.27
(4,2202)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	12	1.27
(4,2202)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	12	1.27
(4,2202)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	12	1.27
(4,2202)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	12	1.27
(4,2202)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	12	1.27
(4,2202)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	12	1.27
(4,2202)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	12	1.27
(4,2202)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	12	1.27
(4,2202)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	12	1.27
(4,2202)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	12	1.27
(4,2202)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	12	1.27
(4,2202)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	12	1.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2202)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	12	1.27
(4,2202)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	12	1.27
(4,2202)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	12	1.27
(4,2202)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	12	1.27
(4,2202)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	12	1.27
(4,2202)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	12	1.27
(4,2202)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	12	1.27
(4,2202)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	12	1.27
(4,2202)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	12	1.27
(4,2202)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	12	1.27
(4,2202)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	12	1.27
(4,2202)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	12	1.27
(4,2202)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	12	1.27
(4,2202)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	12	1.27
(4,2202)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	12	1.27
(4,2202)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	12	1.27
(4,2202)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	12	1.27
(4,2202)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	12	1.27
(4,2202)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	12	1.27
(4,2202)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	12	1.27
(4,2202)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	12	1.27
(4,1682)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	4	1.27
(4,1682)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	4	1.27
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD11	19	1.27
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD12	19	1.27
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD13	19	1.27
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD11	14	1.27
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD12	14	1.27
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD13	14	1.27
(4,776)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	12	1.27
(4,776)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	12	1.27
(4,776)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	12	1.27
(3,2085)	1:32:A:GLY:HA2	1:34:A:LYS:H	7	1.27
(3,2085)	1:32:A:GLY:HA3	1:34:A:LYS:H	7	1.27
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	4	1.27
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	4	1.27
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	4	1.27
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	4	1.27
(3,1928)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	16	1.27
(3,1928)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	16	1.27
(3,1735)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	4	1.27
(3,1735)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	4	1.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1315)	1:66:A:THR:HG21	1:96:A:VAL:H	17	1.27
(3,1315)	1:66:A:THR:HG22	1:96:A:VAL:H	17	1.27
(3,1315)	1:66:A:THR:HG23	1:96:A:VAL:H	17	1.27
(3,945)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	9	1.27
(3,945)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	9	1.27
(3,945)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	9	1.27
(3,945)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	9	1.27
(3,811)	1:11:A:ILE:HD11	1:43:A:MET:HG2	12	1.27
(3,811)	1:11:A:ILE:HD12	1:43:A:MET:HG2	12	1.27
(3,811)	1:11:A:ILE:HD13	1:43:A:MET:HG2	12	1.27
(3,152)	1:67:A:PRO:HD3	1:95:A:ILE:H	9	1.27
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD11	12	1.27
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD12	12	1.27
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD13	12	1.27
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD21	12	1.27
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD22	12	1.27
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD23	12	1.27
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG11	14	1.27
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG12	14	1.27
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG13	14	1.27
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG21	14	1.27
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG22	14	1.27
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG23	14	1.27
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	9	1.27
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	9	1.27
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	9	1.27
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	9	1.27
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	9	1.27
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	9	1.27
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	9	1.27
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	9	1.27
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	9	1.27
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	9	1.27
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	9	1.27
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	9	1.27
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB2	13	1.27
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB3	13	1.27
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB2	13	1.27
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB3	13	1.27
(2,1721)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	4	1.27
(2,1721)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	4	1.27
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	9	1.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	9	1.27
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	9	1.27
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	9	1.27
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	9	1.27
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	9	1.27
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	9	1.27
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	9	1.27
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	9	1.27
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD21	6	1.27
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD22	6	1.27
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD23	6	1.27
(2,794)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	17	1.27
(2,794)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	17	1.27
(2,794)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	17	1.27
(2,794)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	17	1.27
(2,794)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	17	1.27
(2,794)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	17	1.27
(2,577)	1:148:A:CYS:HA	1:150:A:THR:H	2	1.27
(1,1912)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	1	1.27
(1,1912)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	1	1.27
(1,1912)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	1	1.27
(1,1912)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	1	1.27
(1,1912)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	1	1.27
(1,1912)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	1	1.27
(1,1716)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	4	1.27
(1,1716)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	4	1.27
(1,1595)	1:98:A:ILE:HD11	1:115:A:ALA:H	13	1.27
(1,1595)	1:98:A:ILE:HD12	1:115:A:ALA:H	13	1.27
(1,1595)	1:98:A:ILE:HD13	1:115:A:ALA:H	13	1.27
(1,1483)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	4	1.27
(1,1483)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	18	1.27
(1,1295)	1:66:A:THR:HG21	1:96:A:VAL:H	17	1.27
(1,1295)	1:66:A:THR:HG22	1:96:A:VAL:H	17	1.27
(1,1295)	1:66:A:THR:HG23	1:96:A:VAL:H	17	1.27
(1,936)	1:43:A:MET:HA	1:44:A:GLU:HG2	3	1.27
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	14	1.27
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	14	1.27
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	14	1.27
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	14	1.27
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	14	1.27
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	14	1.27
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	14	1.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	14	1.27
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	14	1.27
(34,1722)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	18	1.26
(34,1722)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	18	1.26
(34,1722)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	18	1.26
(34,1379)	1:118:A:ASP:HA	1:121:A:VAL:HG11	10	1.26
(34,1379)	1:118:A:ASP:HA	1:121:A:VAL:HG12	10	1.26
(34,1379)	1:118:A:ASP:HA	1:121:A:VAL:HG13	10	1.26
(34,344)	1:57:A:LEU:H	1:58:A:ILE:HG13	17	1.26
(33,2084)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	6	1.26
(33,2084)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	6	1.26
(33,2084)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	6	1.26
(33,2084)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	6	1.26
(33,2084)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	6	1.26
(33,2084)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	6	1.26
(33,2084)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	6	1.26
(33,2084)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	6	1.26
(33,2084)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	6	1.26
(33,2084)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	6	1.26
(33,2084)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	6	1.26
(33,2084)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	6	1.26
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG21	8	1.26
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG22	8	1.26
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG23	8	1.26
(33,1244)	1:39:A:VAL:H	1:139:A:LEU:HD21	17	1.26
(33,1244)	1:39:A:VAL:H	1:139:A:LEU:HD22	17	1.26
(33,1244)	1:39:A:VAL:H	1:139:A:LEU:HD23	17	1.26
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	1	1.26
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	1	1.26
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	1	1.26
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	1	1.26
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	1	1.26
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	1	1.26
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	1	1.26
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	1	1.26
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	1	1.26
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	1	1.26
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	1	1.26
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	1	1.26
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD11	4	1.26
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD12	4	1.26
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD13	4	1.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD21	4	1.26
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD22	4	1.26
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD23	4	1.26
(32,2060)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	6	1.26
(32,2060)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	6	1.26
(32,2060)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	6	1.26
(32,2060)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	6	1.26
(32,2060)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	6	1.26
(32,2060)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	6	1.26
(32,2060)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	6	1.26
(32,2060)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	6	1.26
(32,2060)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	6	1.26
(32,2060)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	6	1.26
(32,2060)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	6	1.26
(32,2060)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	6	1.26
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD11	6	1.26
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD12	6	1.26
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD13	6	1.26
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD21	6	1.26
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD22	6	1.26
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD23	6	1.26
(32,1897)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	13	1.26
(32,1897)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	13	1.26
(32,1897)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	13	1.26
(32,1897)	1:9:A:PHE:HZ	1:40:A:LEU:HD21	13	1.26
(32,1897)	1:9:A:PHE:HZ	1:40:A:LEU:HD22	13	1.26
(32,1897)	1:9:A:PHE:HZ	1:40:A:LEU:HD23	13	1.26
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	13	1.26
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	13	1.26
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	13	1.26
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	13	1.26
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	13	1.26
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	13	1.26
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	13	1.26
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	13	1.26
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	13	1.26
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	13	1.26
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	13	1.26
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	13	1.26
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG21	8	1.26
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG22	8	1.26
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG23	8	1.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1653)	1:43:A:MET:HE1	1:131:A:LEU:HA	16	1.26
(32,1653)	1:43:A:MET:HE2	1:131:A:LEU:HA	16	1.26
(32,1653)	1:43:A:MET:HE3	1:131:A:LEU:HA	16	1.26
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE1	12	1.26
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE2	12	1.26
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE3	12	1.26
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE1	12	1.26
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE2	12	1.26
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE3	12	1.26
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE1	12	1.26
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE2	12	1.26
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE3	12	1.26
(32,17)	1:94:A:ALA:H	1:95:A:ILE:HD11	2	1.26
(32,17)	1:94:A:ALA:H	1:95:A:ILE:HD12	2	1.26
(32,17)	1:94:A:ALA:H	1:95:A:ILE:HD13	2	1.26
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD11	14	1.26
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD12	14	1.26
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD13	14	1.26
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD21	14	1.26
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD22	14	1.26
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD23	14	1.26
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE1	16	1.26
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE2	16	1.26
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE1	16	1.26
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE2	16	1.26
(30,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	6	1.26
(30,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	6	1.26
(30,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	6	1.26
(30,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	6	1.26
(30,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	6	1.26
(30,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	6	1.26
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	10	1.26
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	10	1.26
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	10	1.26
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	10	1.26
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	10	1.26
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	10	1.26
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	10	1.26
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	10	1.26
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	10	1.26
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	10	1.26
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	10	1.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	10	1.26
(30,1844)	1:13:A:ALA:HA	1:80:A:TYR:HE1	7	1.26
(30,1844)	1:13:A:ALA:HA	1:80:A:TYR:HE2	7	1.26
(30,347)	1:66:A:THR:H	1:96:A:VAL:HB	10	1.26
(30,337)	1:57:A:LEU:H	1:58:A:ILE:HG13	17	1.26
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD11	14	1.26
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD12	14	1.26
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD13	14	1.26
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD21	14	1.26
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD22	14	1.26
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD23	14	1.26
(29,2238)	1:69:A:MET:HG2	1:70:A:LYS:HG2	14	1.26
(29,2238)	1:69:A:MET:HG3	1:70:A:LYS:HG2	14	1.26
(29,2238)	1:69:A:MET:HG2	1:70:A:LYS:HG2	15	1.26
(29,2238)	1:69:A:MET:HG3	1:70:A:LYS:HG2	15	1.26
(29,1894)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	7	1.26
(29,1894)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	7	1.26
(29,1894)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	7	1.26
(29,1894)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	7	1.26
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	9	1.26
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	9	1.26
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	9	1.26
(29,1641)	1:13:A:ALA:HA	1:80:A:TYR:HB3	9	1.26
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB2	7	1.26
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB3	7	1.26
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB2	7	1.26
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB3	7	1.26
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB2	7	1.26
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB3	7	1.26
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG11	1	1.26
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG12	1	1.26
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG13	1	1.26
(20,6)	1:52:A:CYS:SG	1:56:A:CYS:SG	9	1.26
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD11	4	1.26
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD12	4	1.26
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD13	4	1.26
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD21	4	1.26
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD22	4	1.26
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD23	4	1.26
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD11	1	1.26
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD12	1	1.26
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD13	1	1.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD21	1	1.26
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD22	1	1.26
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD23	1	1.26
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	6	1.26
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	6	1.26
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	6	1.26
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	6	1.26
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	6	1.26
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	6	1.26
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	6	1.26
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	6	1.26
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	6	1.26
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	6	1.26
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	6	1.26
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	6	1.26
(18,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	6	1.26
(18,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	6	1.26
(18,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	6	1.26
(18,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	6	1.26
(18,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	6	1.26
(18,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	6	1.26
(18,1731)	1:112:A:GLN:HG2	1:113:A:PHE:HA	4	1.26
(18,1731)	1:112:A:GLN:HG3	1:113:A:PHE:HA	4	1.26
(18,1731)	1:112:A:GLN:HG2	1:113:A:PHE:HA	16	1.26
(18,1731)	1:112:A:GLN:HG3	1:113:A:PHE:HA	16	1.26
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	15	1.26
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	15	1.26
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	15	1.26
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	15	1.26
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	15	1.26
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	15	1.26
(18,1026)	1:79:A:THR:HG21	1:81:A:GLU:HB2	7	1.26
(18,1026)	1:79:A:THR:HG22	1:81:A:GLU:HB2	7	1.26
(18,1026)	1:79:A:THR:HG23	1:81:A:GLU:HB2	7	1.26
(18,1026)	1:79:A:THR:HG21	1:81:A:GLU:HB2	16	1.26
(18,1026)	1:79:A:THR:HG22	1:81:A:GLU:HB2	16	1.26
(18,1026)	1:79:A:THR:HG23	1:81:A:GLU:HB2	16	1.26
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD11	11	1.26
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD12	11	1.26
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD13	11	1.26
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD21	11	1.26
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD22	11	1.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD23	11	1.26
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD11	11	1.26
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD12	11	1.26
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD13	11	1.26
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD21	11	1.26
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD22	11	1.26
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD23	11	1.26
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD11	11	1.26
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD12	11	1.26
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD13	11	1.26
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD21	11	1.26
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD22	11	1.26
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD23	11	1.26
(17,853)	1:43:A:MET:HE1	1:144:A:LEU:HB3	13	1.26
(17,853)	1:43:A:MET:HE2	1:144:A:LEU:HB3	13	1.26
(17,853)	1:43:A:MET:HE3	1:144:A:LEU:HB3	13	1.26
(17,853)	1:43:A:MET:HE1	1:144:A:LEU:HB2	13	1.26
(17,853)	1:43:A:MET:HE2	1:144:A:LEU:HB2	13	1.26
(17,853)	1:43:A:MET:HE3	1:144:A:LEU:HB2	13	1.26
(17,466)	1:14:A:VAL:H	1:61:A:SER:HA	17	1.26
(16,2060)	1:30:A:LEU:HD11	1:79:A:THR:HB	12	1.26
(16,2060)	1:30:A:LEU:HD12	1:79:A:THR:HB	12	1.26
(16,2060)	1:30:A:LEU:HD13	1:79:A:THR:HB	12	1.26
(16,2060)	1:30:A:LEU:HD21	1:79:A:THR:HB	12	1.26
(16,2060)	1:30:A:LEU:HD22	1:79:A:THR:HB	12	1.26
(16,2060)	1:30:A:LEU:HD23	1:79:A:THR:HB	12	1.26
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD11	14	1.26
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD12	14	1.26
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD13	14	1.26
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD21	14	1.26
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD22	14	1.26
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD23	14	1.26
(16,1874)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	3	1.26
(16,1874)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	3	1.26
(16,978)	1:11:A:ILE:HG12	1:43:A:MET:HB2	12	1.26
(16,855)	1:68:A:LYS:HA	1:68:A:LYS:HE2	4	1.26
(16,855)	1:68:A:LYS:HA	1:68:A:LYS:HE3	4	1.26
(16,720)	1:44:A:GLU:HB2	1:48:A:ARG:HE	11	1.26
(16,720)	1:44:A:GLU:HB3	1:48:A:ARG:HE	11	1.26
(16,580)	1:42:A:GLU:HB3	1:46:A:ASN:HD21	11	1.26
(16,353)	1:66:A:THR:H	1:96:A:VAL:HB	10	1.26
(16,350)	1:111:A:GLU:H	1:111:A:GLU:HG2	6	1.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2490)	1:144:A:LEU:HB2	1:148:A:CYS:H	3	1.26
(15,2490)	1:144:A:LEU:HB3	1:148:A:CYS:H	3	1.26
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	3	1.26
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	3	1.26
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	3	1.26
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	3	1.26
(15,1244)	1:12:A:VAL:H	1:40:A:LEU:HD11	10	1.26
(15,1244)	1:12:A:VAL:H	1:40:A:LEU:HD12	10	1.26
(15,1244)	1:12:A:VAL:H	1:40:A:LEU:HD13	10	1.26
(15,994)	1:98:A:ILE:H	1:105:A:LYS:HD2	18	1.26
(15,994)	1:98:A:ILE:H	1:105:A:LYS:HD3	18	1.26
(15,714)	1:44:A:GLU:HB2	1:48:A:ARG:HE	11	1.26
(15,714)	1:44:A:GLU:HB3	1:48:A:ARG:HE	11	1.26
(15,349)	1:66:A:THR:H	1:96:A:VAL:HB	10	1.26
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE21	4	1.26
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE22	4	1.26
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE21	4	1.26
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE22	4	1.26
(13,2104)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	10	1.26
(13,2104)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	10	1.26
(13,2104)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	10	1.26
(13,2104)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	10	1.26
(13,2104)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	10	1.26
(13,2104)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	10	1.26
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG11	4	1.26
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG12	4	1.26
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG13	4	1.26
(13,1103)	1:40:A:LEU:HA	1:43:A:MET:HG2	9	1.26
(13,332)	1:57:A:LEU:H	1:58:A:ILE:HG13	17	1.26
(11,2004)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	7	1.26
(11,2004)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	7	1.26
(11,2004)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	7	1.26
(11,2004)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	7	1.26
(11,2004)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	7	1.26
(11,2004)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	7	1.26
(11,1411)	1:19:A:ALA:HB1	1:21:A:THR:HG21	10	1.26
(11,1411)	1:19:A:ALA:HB1	1:21:A:THR:HG22	10	1.26
(11,1411)	1:19:A:ALA:HB1	1:21:A:THR:HG23	10	1.26
(11,1411)	1:19:A:ALA:HB2	1:21:A:THR:HG21	10	1.26
(11,1411)	1:19:A:ALA:HB2	1:21:A:THR:HG22	10	1.26
(11,1411)	1:19:A:ALA:HB2	1:21:A:THR:HG23	10	1.26
(11,1411)	1:19:A:ALA:HB3	1:21:A:THR:HG21	10	1.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1411)	1:19:A:ALA:HB3	1:21:A:THR:HG22	10	1.26
(11,1411)	1:19:A:ALA:HB3	1:21:A:THR:HG23	10	1.26
(11,845)	1:68:A:LYS:HA	1:68:A:LYS:HE2	4	1.26
(11,845)	1:68:A:LYS:HA	1:68:A:LYS:HE3	4	1.26
(11,349)	1:66:A:THR:H	1:96:A:VAL:HB	10	1.26
(9,2428)	1:144:A:LEU:HB2	1:148:A:CYS:H	6	1.26
(9,2428)	1:144:A:LEU:HB3	1:148:A:CYS:H	6	1.26
(9,1704)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	18	1.26
(9,1704)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	18	1.26
(9,1704)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	18	1.26
(9,1692)	1:43:A:MET:HE1	1:131:A:LEU:HA	16	1.26
(9,1692)	1:43:A:MET:HE2	1:131:A:LEU:HA	16	1.26
(9,1692)	1:43:A:MET:HE3	1:131:A:LEU:HA	16	1.26
(9,962)	1:11:A:ILE:HG12	1:43:A:MET:HB2	12	1.26
(9,743)	1:105:A:LYS:HG2	1:112:A:GLN:HE21	18	1.26
(9,346)	1:57:A:LEU:H	1:58:A:ILE:HG13	17	1.26
(7,2227)	1:69:A:MET:HG2	1:70:A:LYS:HG2	14	1.26
(7,2227)	1:69:A:MET:HG3	1:70:A:LYS:HG2	14	1.26
(7,2227)	1:69:A:MET:HG2	1:70:A:LYS:HG2	15	1.26
(7,2227)	1:69:A:MET:HG3	1:70:A:LYS:HG2	15	1.26
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE1	12	1.26
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE2	12	1.26
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE3	12	1.26
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE1	12	1.26
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE2	12	1.26
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE3	12	1.26
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE1	12	1.26
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE2	12	1.26
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE3	12	1.26
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	7	1.26
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	7	1.26
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	7	1.26
(7,1209)	1:79:A:THR:HG21	1:81:A:GLU:HA	13	1.26
(7,1209)	1:79:A:THR:HG22	1:81:A:GLU:HA	13	1.26
(7,1209)	1:79:A:THR:HG23	1:81:A:GLU:HA	13	1.26
(7,998)	1:34:A:LYS:H	1:81:A:GLU:HB2	19	1.26
(7,971)	1:12:A:VAL:HB	1:40:A:LEU:H	1	1.26
(7,902)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	10	1.26
(7,902)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	10	1.26
(7,902)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	10	1.26
(7,835)	1:43:A:MET:HE1	1:131:A:LEU:HB3	10	1.26
(7,835)	1:43:A:MET:HE2	1:131:A:LEU:HB3	10	1.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,835)	1:43:A:MET:HE3	1:131:A:LEU:HB3	10	1.26
(7,795)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	18	1.26
(7,344)	1:66:A:THR:H	1:96:A:VAL:HB	10	1.26
(7,334)	1:57:A:LEU:H	1:58:A:ILE:HG13	17	1.26
(6,1862)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	13	1.26
(6,1713)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	18	1.26
(6,1713)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	18	1.26
(6,1713)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	18	1.26
(6,1387)	1:19:A:ALA:HB1	1:21:A:THR:HG21	10	1.26
(6,1387)	1:19:A:ALA:HB1	1:21:A:THR:HG22	10	1.26
(6,1387)	1:19:A:ALA:HB1	1:21:A:THR:HG23	10	1.26
(6,1387)	1:19:A:ALA:HB2	1:21:A:THR:HG21	10	1.26
(6,1387)	1:19:A:ALA:HB2	1:21:A:THR:HG22	10	1.26
(6,1387)	1:19:A:ALA:HB2	1:21:A:THR:HG23	10	1.26
(6,1387)	1:19:A:ALA:HB3	1:21:A:THR:HG21	10	1.26
(6,1387)	1:19:A:ALA:HB3	1:21:A:THR:HG22	10	1.26
(6,1387)	1:19:A:ALA:HB3	1:21:A:THR:HG23	10	1.26
(6,838)	1:68:A:LYS:HA	1:68:A:LYS:HE2	4	1.26
(6,838)	1:68:A:LYS:HA	1:68:A:LYS:HE3	4	1.26
(6,333)	1:57:A:LEU:H	1:58:A:ILE:HG13	17	1.26
(5,2478)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	3	1.26
(5,2478)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	3	1.26
(5,2478)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	3	1.26
(5,2478)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	3	1.26
(5,1962)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	14	1.26
(5,1962)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	14	1.26
(5,1962)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	14	1.26
(5,1962)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	14	1.26
(5,1962)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	14	1.26
(5,1962)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	14	1.26
(4,1689)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	18	1.26
(4,1689)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	18	1.26
(4,1689)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	18	1.26
(4,1151)	1:136:A:CYS:HA	1:140:A:LEU:HD21	8	1.26
(4,1151)	1:136:A:CYS:HA	1:140:A:LEU:HD22	8	1.26
(4,1151)	1:136:A:CYS:HA	1:140:A:LEU:HD23	8	1.26
(4,918)	1:125:A:THR:HB	1:128:A:LEU:HG	5	1.26
(4,918)	1:125:A:THR:HB	1:128:A:LEU:HG	11	1.26
(4,906)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	10	1.26
(4,906)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	10	1.26
(4,906)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	10	1.26
(4,862)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	2	1.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,862)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	2	1.26
(4,703)	1:48:A:ARG:HE	1:49:A:LYS:HA	13	1.26
(4,334)	1:66:A:THR:H	1:96:A:VAL:HB	10	1.26
(3,2007)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	7	1.26
(3,2007)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	7	1.26
(3,2007)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	7	1.26
(3,2007)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	7	1.26
(3,2007)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	7	1.26
(3,2007)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	7	1.26
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG2	4	1.26
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG3	4	1.26
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG2	4	1.26
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG3	4	1.26
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG2	4	1.26
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG3	4	1.26
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG2	16	1.26
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG3	16	1.26
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG2	16	1.26
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG3	16	1.26
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG2	16	1.26
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG3	16	1.26
(3,1743)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	18	1.26
(3,1743)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	18	1.26
(3,1743)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	18	1.26
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD21	15	1.26
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD22	15	1.26
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD23	15	1.26
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE1	12	1.26
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE2	12	1.26
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE3	12	1.26
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE1	12	1.26
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE2	12	1.26
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE3	12	1.26
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE1	12	1.26
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE2	12	1.26
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE3	12	1.26
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD11	11	1.26
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD12	11	1.26
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD13	11	1.26
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD11	11	1.26
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD12	11	1.26
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD13	11	1.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD11	11	1.26
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD12	11	1.26
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD13	11	1.26
(3,1010)	1:35:A:LEU:HG	1:143:A:TRP:HB3	15	1.26
(3,990)	1:47:A:ALA:HB1	1:134:A:VAL:HB	4	1.26
(3,990)	1:47:A:ALA:HB2	1:134:A:VAL:HB	4	1.26
(3,990)	1:47:A:ALA:HB3	1:134:A:VAL:HB	4	1.26
(3,21)	1:94:A:ALA:H	1:95:A:ILE:HD11	2	1.26
(3,21)	1:94:A:ALA:H	1:95:A:ILE:HD12	2	1.26
(3,21)	1:94:A:ALA:H	1:95:A:ILE:HD13	2	1.26
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD11	4	1.26
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD12	4	1.26
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD13	4	1.26
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD21	4	1.26
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD22	4	1.26
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD23	4	1.26
(2,1395)	1:19:A:ALA:HB1	1:21:A:THR:HG21	10	1.26
(2,1395)	1:19:A:ALA:HB1	1:21:A:THR:HG22	10	1.26
(2,1395)	1:19:A:ALA:HB1	1:21:A:THR:HG23	10	1.26
(2,1395)	1:19:A:ALA:HB2	1:21:A:THR:HG21	10	1.26
(2,1395)	1:19:A:ALA:HB2	1:21:A:THR:HG22	10	1.26
(2,1395)	1:19:A:ALA:HB2	1:21:A:THR:HG23	10	1.26
(2,1395)	1:19:A:ALA:HB3	1:21:A:THR:HG21	10	1.26
(2,1395)	1:19:A:ALA:HB3	1:21:A:THR:HG22	10	1.26
(2,1395)	1:19:A:ALA:HB3	1:21:A:THR:HG23	10	1.26
(2,1163)	1:136:A:CYS:HA	1:140:A:LEU:HD21	8	1.26
(2,1163)	1:136:A:CYS:HA	1:140:A:LEU:HD22	8	1.26
(2,1163)	1:136:A:CYS:HA	1:140:A:LEU:HD23	8	1.26
(2,1078)	1:48:A:ARG:HG2	1:49:A:LYS:HA	13	1.26
(2,1078)	1:48:A:ARG:HG3	1:49:A:LYS:HA	13	1.26
(2,343)	1:66:A:THR:H	1:96:A:VAL:HB	10	1.26
(2,332)	1:57:A:LEU:H	1:58:A:ILE:HG13	17	1.26
(1,2219)	1:69:A:MET:HG2	1:70:A:LYS:HG2	14	1.26
(1,2219)	1:69:A:MET:HG3	1:70:A:LYS:HG2	14	1.26
(1,2219)	1:69:A:MET:HG2	1:70:A:LYS:HG2	15	1.26
(1,2219)	1:69:A:MET:HG3	1:70:A:LYS:HG2	15	1.26
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE1	12	1.26
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE2	12	1.26
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE3	12	1.26
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE1	12	1.26
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE2	12	1.26
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE3	12	1.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE1	12	1.26
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE2	12	1.26
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE3	12	1.26
(1,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	1	1.26
(1,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	1	1.26
(1,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	1	1.26
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	6	1.25
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	6	1.25
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	6	1.25
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	6	1.25
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	6	1.25
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	6	1.25
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	6	1.25
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	6	1.25
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	6	1.25
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	6	1.25
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	6	1.25
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	6	1.25
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	6	1.25
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	6	1.25
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	6	1.25
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	6	1.25
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	6	1.25
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	6	1.25
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD11	8	1.25
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD12	8	1.25
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD13	8	1.25
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD21	8	1.25
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD22	8	1.25
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD23	8	1.25
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	9	1.25
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	9	1.25
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	9	1.25
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	9	1.25
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	9	1.25
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	9	1.25
(34,1202)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	11	1.25
(34,1202)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	11	1.25
(34,1202)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	11	1.25
(34,876)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	4	1.25
(34,876)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	4	1.25
(34,876)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	4	1.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2455)	1:134:A:VAL:HG11	1:136:A:CYS:HA	2	1.25
(33,2455)	1:134:A:VAL:HG12	1:136:A:CYS:HA	2	1.25
(33,2455)	1:134:A:VAL:HG13	1:136:A:CYS:HA	2	1.25
(33,2455)	1:134:A:VAL:HG21	1:136:A:CYS:HA	2	1.25
(33,2455)	1:134:A:VAL:HG22	1:136:A:CYS:HA	2	1.25
(33,2455)	1:134:A:VAL:HG23	1:136:A:CYS:HA	2	1.25
(33,1627)	1:27:A:ARG:HA	1:30:A:LEU:H	2	1.25
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD11	12	1.25
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD12	12	1.25
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD13	12	1.25
(32,2434)	1:134:A:VAL:HG11	1:136:A:CYS:HA	2	1.25
(32,2434)	1:134:A:VAL:HG12	1:136:A:CYS:HA	2	1.25
(32,2434)	1:134:A:VAL:HG13	1:136:A:CYS:HA	2	1.25
(32,2434)	1:134:A:VAL:HG21	1:136:A:CYS:HA	2	1.25
(32,2434)	1:134:A:VAL:HG22	1:136:A:CYS:HA	2	1.25
(32,2434)	1:134:A:VAL:HG23	1:136:A:CYS:HA	2	1.25
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD11	12	1.25
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD12	12	1.25
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD13	12	1.25
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG21	18	1.25
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG22	18	1.25
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG23	18	1.25
(30,2425)	1:136:A:CYS:HB2	1:141:A:LYS:H	12	1.25
(30,2425)	1:136:A:CYS:HB3	1:141:A:LYS:H	12	1.25
(30,2082)	1:35:A:LEU:HD11	1:143:A:TRP:HA	9	1.25
(30,2082)	1:35:A:LEU:HD12	1:143:A:TRP:HA	9	1.25
(30,2082)	1:35:A:LEU:HD13	1:143:A:TRP:HA	9	1.25
(30,2082)	1:35:A:LEU:HD21	1:143:A:TRP:HA	9	1.25
(30,2082)	1:35:A:LEU:HD22	1:143:A:TRP:HA	9	1.25
(30,2082)	1:35:A:LEU:HD23	1:143:A:TRP:HA	9	1.25
(30,1953)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	2	1.25
(30,1953)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	2	1.25
(30,1953)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	2	1.25
(30,1953)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	2	1.25
(30,1912)	1:35:A:LEU:HG	1:80:A:TYR:HE1	19	1.25
(30,1912)	1:35:A:LEU:HG	1:80:A:TYR:HE2	19	1.25
(30,1343)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	13	1.25
(30,1343)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	13	1.25
(30,1343)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	13	1.25
(30,1087)	1:136:A:CYS:HB3	1:141:A:LYS:HA	19	1.25
(30,961)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	9	1.25
(30,961)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	9	1.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD11	13	1.25
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD12	13	1.25
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD13	13	1.25
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD21	13	1.25
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD22	13	1.25
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD23	13	1.25
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD11	13	1.25
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD12	13	1.25
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD13	13	1.25
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD21	13	1.25
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD22	13	1.25
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD23	13	1.25
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD11	13	1.25
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD12	13	1.25
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD13	13	1.25
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD21	13	1.25
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD22	13	1.25
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD23	13	1.25
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	14	1.25
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	14	1.25
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	14	1.25
(29,1098)	1:48:A:ARG:HG2	1:49:A:LYS:HA	12	1.25
(29,1098)	1:48:A:ARG:HG3	1:49:A:LYS:HA	12	1.25
(29,944)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	19	1.25
(29,944)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	19	1.25
(29,944)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	19	1.25
(29,944)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	19	1.25
(29,944)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	19	1.25
(29,944)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	19	1.25
(29,896)	1:98:A:ILE:HG12	1:101:A:ILE:HB	19	1.25
(20,2)	1:123:A:CYS:SG	1:127:A:CYS:SG	19	1.25
(19,14)	1:52:A:CYS:SG	1:123:A:CYS:CB	15	1.25
(19,9)	1:127:A:CYS:SG	1:123:A:CYS:CB	11	1.25
(18,2414)	1:134:A:VAL:HG11	1:136:A:CYS:HA	2	1.25
(18,2414)	1:134:A:VAL:HG12	1:136:A:CYS:HA	2	1.25
(18,2414)	1:134:A:VAL:HG13	1:136:A:CYS:HA	2	1.25
(18,2414)	1:134:A:VAL:HG21	1:136:A:CYS:HA	2	1.25
(18,2414)	1:134:A:VAL:HG22	1:136:A:CYS:HA	2	1.25
(18,2414)	1:134:A:VAL:HG23	1:136:A:CYS:HA	2	1.25
(18,2059)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	7	1.25
(18,2059)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	7	1.25
(18,2059)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	7	1.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2059)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	7	1.25
(18,2059)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	7	1.25
(18,2059)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	7	1.25
(18,1841)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	17	1.25
(18,1841)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	17	1.25
(18,1835)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	12	1.25
(18,1835)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	12	1.25
(18,1835)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	12	1.25
(18,1835)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	12	1.25
(18,1731)	1:112:A:GLN:HG2	1:113:A:PHE:HA	9	1.25
(18,1731)	1:112:A:GLN:HG3	1:113:A:PHE:HA	9	1.25
(18,1606)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	17	1.25
(18,1606)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	17	1.25
(18,1606)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	17	1.25
(18,1606)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	17	1.25
(18,1606)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	17	1.25
(18,1606)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	17	1.25
(18,1183)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	11	1.25
(18,1183)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	11	1.25
(18,1183)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	11	1.25
(17,2482)	1:144:A:LEU:HD11	1:147:A:ARG:HE	2	1.25
(17,2482)	1:144:A:LEU:HD12	1:147:A:ARG:HE	2	1.25
(17,2482)	1:144:A:LEU:HD13	1:147:A:ARG:HE	2	1.25
(17,2482)	1:144:A:LEU:HD21	1:147:A:ARG:HE	2	1.25
(17,2482)	1:144:A:LEU:HD22	1:147:A:ARG:HE	2	1.25
(17,2482)	1:144:A:LEU:HD23	1:147:A:ARG:HE	2	1.25
(17,2005)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	1	1.25
(17,2005)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	1	1.25
(17,2005)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	1	1.25
(17,2005)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	1	1.25
(17,2005)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	1	1.25
(17,2005)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	1	1.25
(17,1863)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	12	1.25
(17,1863)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	12	1.25
(17,1863)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	12	1.25
(17,1863)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	12	1.25
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	14	1.25
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	14	1.25
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	14	1.25
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	14	1.25
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	14	1.25
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	14	1.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	14	1.25
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	14	1.25
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	14	1.25
(17,1097)	1:141:A:LYS:HA	1:149:A:ALA:HB1	12	1.25
(17,1097)	1:141:A:LYS:HA	1:149:A:ALA:HB2	12	1.25
(17,1097)	1:141:A:LYS:HA	1:149:A:ALA:HB3	12	1.25
(17,982)	1:47:A:ALA:HB1	1:134:A:VAL:HB	5	1.25
(17,982)	1:47:A:ALA:HB2	1:134:A:VAL:HB	5	1.25
(17,982)	1:47:A:ALA:HB3	1:134:A:VAL:HB	5	1.25
(17,834)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	5	1.25
(17,834)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	5	1.25
(17,834)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	5	1.25
(17,834)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	5	1.25
(17,834)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	5	1.25
(17,834)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	5	1.25
(17,154)	1:67:A:PRO:HD3	1:95:A:ILE:H	16	1.25
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	1	1.25
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	1	1.25
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	1	1.25
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	1	1.25
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	1	1.25
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	1	1.25
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	1	1.25
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	1	1.25
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	1	1.25
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	1	1.25
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	1	1.25
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	1	1.25
(16,1906)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	19	1.25
(16,1906)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	19	1.25
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD11	12	1.25
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD12	12	1.25
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD13	12	1.25
(16,1013)	1:35:A:LEU:HG	1:143:A:TRP:HB3	5	1.25
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE1	11	1.25
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE2	11	1.25
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE3	11	1.25
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE1	11	1.25
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE2	11	1.25
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE3	11	1.25
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE1	11	1.25
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE2	11	1.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE3	11	1.25
(16,727)	1:63:A:ILE:HG12	1:116:A:GLN:HE22	9	1.25
(15,2430)	1:134:A:VAL:HG11	1:136:A:CYS:HA	2	1.25
(15,2430)	1:134:A:VAL:HG12	1:136:A:CYS:HA	2	1.25
(15,2430)	1:134:A:VAL:HG13	1:136:A:CYS:HA	2	1.25
(15,2430)	1:134:A:VAL:HG21	1:136:A:CYS:HA	2	1.25
(15,2430)	1:134:A:VAL:HG22	1:136:A:CYS:HA	2	1.25
(15,2430)	1:134:A:VAL:HG23	1:136:A:CYS:HA	2	1.25
(15,2332)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	14	1.25
(15,2332)	1:108:A:GLU:HB2	1:111:A:GLU:HG3	14	1.25
(15,2332)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	14	1.25
(15,2332)	1:108:A:GLU:HB3	1:111:A:GLU:HG3	14	1.25
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	6	1.25
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	6	1.25
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	6	1.25
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	6	1.25
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	6	1.25
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	6	1.25
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	6	1.25
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	6	1.25
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	6	1.25
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	6	1.25
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	6	1.25
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	6	1.25
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	6	1.25
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	6	1.25
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	6	1.25
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	6	1.25
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	6	1.25
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	6	1.25
(15,2100)	1:40:A:LEU:HA	1:44:A:GLU:HG2	4	1.25
(15,2100)	1:40:A:LEU:HA	1:44:A:GLU:HG3	4	1.25
(15,1931)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	2	1.25
(15,1931)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	2	1.25
(15,1931)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	2	1.25
(15,1931)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	2	1.25
(15,1887)	1:35:A:LEU:HG	1:80:A:TYR:HE1	19	1.25
(15,1887)	1:35:A:LEU:HG	1:80:A:TYR:HE2	19	1.25
(15,992)	1:12:A:VAL:HB	1:40:A:LEU:H	19	1.25
(15,967)	1:33:A:LYS:HB2	1:80:A:TYR:HB2	3	1.25
(15,967)	1:33:A:LYS:HB3	1:80:A:TYR:HB2	3	1.25
(13,2077)	1:40:A:LEU:HA	1:44:A:GLU:HG2	4	1.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2077)	1:40:A:LEU:HA	1:44:A:GLU:HG3	4	1.25
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	9	1.25
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	9	1.25
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	9	1.25
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	9	1.25
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	9	1.25
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	9	1.25
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	9	1.25
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	9	1.25
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	9	1.25
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	9	1.25
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	9	1.25
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	9	1.25
(13,1921)	1:11:A:ILE:HD11	1:46:A:ASN:HD21	10	1.25
(13,1921)	1:11:A:ILE:HD11	1:46:A:ASN:HD22	10	1.25
(13,1921)	1:11:A:ILE:HD12	1:46:A:ASN:HD21	10	1.25
(13,1921)	1:11:A:ILE:HD12	1:46:A:ASN:HD22	10	1.25
(13,1921)	1:11:A:ILE:HD13	1:46:A:ASN:HD21	10	1.25
(13,1921)	1:11:A:ILE:HD13	1:46:A:ASN:HD22	10	1.25
(13,1813)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	17	1.25
(13,1813)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	17	1.25
(13,1422)	1:31:A:PRO:HD2	1:144:A:LEU:HB3	9	1.25
(13,1152)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	11	1.25
(13,1152)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	11	1.25
(13,1152)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	11	1.25
(13,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB1	12	1.25
(13,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB2	12	1.25
(13,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB3	12	1.25
(13,568)	1:11:A:ILE:HD11	1:16:A:SER:H	18	1.25
(13,568)	1:11:A:ILE:HD12	1:16:A:SER:H	18	1.25
(13,568)	1:11:A:ILE:HD13	1:16:A:SER:H	18	1.25
(11,2416)	1:134:A:VAL:HG11	1:136:A:CYS:HA	2	1.25
(11,2416)	1:134:A:VAL:HG12	1:136:A:CYS:HA	2	1.25
(11,2416)	1:134:A:VAL:HG13	1:136:A:CYS:HA	2	1.25
(11,2416)	1:134:A:VAL:HG21	1:136:A:CYS:HA	2	1.25
(11,2416)	1:134:A:VAL:HG22	1:136:A:CYS:HA	2	1.25
(11,2416)	1:134:A:VAL:HG23	1:136:A:CYS:HA	2	1.25
(11,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	7	1.25
(11,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	7	1.25
(11,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	7	1.25
(11,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	7	1.25
(11,2216)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	5	1.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2216)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	5	1.25
(11,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	17	1.25
(11,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	17	1.25
(11,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	17	1.25
(11,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	17	1.25
(11,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	17	1.25
(11,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	17	1.25
(11,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	17	1.25
(11,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	17	1.25
(11,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	17	1.25
(11,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	17	1.25
(11,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	17	1.25
(11,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	17	1.25
(11,2004)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	3	1.25
(11,2004)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	3	1.25
(11,2004)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	3	1.25
(11,2004)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	3	1.25
(11,2004)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	3	1.25
(11,2004)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	3	1.25
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD21	10	1.25
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD22	10	1.25
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD23	10	1.25
(11,1601)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	19	1.25
(11,1601)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	19	1.25
(11,1601)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	19	1.25
(11,1601)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	19	1.25
(11,1601)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	19	1.25
(11,1601)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	19	1.25
(11,1601)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	19	1.25
(11,1601)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	19	1.25
(11,1601)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	19	1.25
(9,2379)	1:134:A:VAL:HG11	1:136:A:CYS:HA	2	1.25
(9,2379)	1:134:A:VAL:HG12	1:136:A:CYS:HA	2	1.25
(9,2379)	1:134:A:VAL:HG13	1:136:A:CYS:HA	2	1.25
(9,2379)	1:134:A:VAL:HG21	1:136:A:CYS:HA	2	1.25
(9,2379)	1:134:A:VAL:HG22	1:136:A:CYS:HA	2	1.25
(9,2379)	1:134:A:VAL:HG23	1:136:A:CYS:HA	2	1.25
(9,1441)	1:145:A:PRO:HD2	1:147:A:ARG:H	4	1.25
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB2	7	1.25
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB3	7	1.25
(9,965)	1:141:A:LYS:HB2	1:149:A:ALA:HA	2	1.25
(9,965)	1:141:A:LYS:HB3	1:149:A:ALA:HA	2	1.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2422)	1:134:A:VAL:HG11	1:136:A:CYS:HA	2	1.25
(7,2422)	1:134:A:VAL:HG12	1:136:A:CYS:HA	2	1.25
(7,2422)	1:134:A:VAL:HG13	1:136:A:CYS:HA	2	1.25
(7,2422)	1:134:A:VAL:HG21	1:136:A:CYS:HA	2	1.25
(7,2422)	1:134:A:VAL:HG22	1:136:A:CYS:HA	2	1.25
(7,2422)	1:134:A:VAL:HG23	1:136:A:CYS:HA	2	1.25
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD11	2	1.25
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD12	2	1.25
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD13	2	1.25
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD21	2	1.25
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD22	2	1.25
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD23	2	1.25
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD11	2	1.25
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD12	2	1.25
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD13	2	1.25
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD21	2	1.25
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD22	2	1.25
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD23	2	1.25
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD11	2	1.25
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD12	2	1.25
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD13	2	1.25
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD21	2	1.25
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD22	2	1.25
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD23	2	1.25
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD11	2	1.25
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD12	2	1.25
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD13	2	1.25
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD21	2	1.25
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD22	2	1.25
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD23	2	1.25
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD11	2	1.25
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD12	2	1.25
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD13	2	1.25
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD21	2	1.25
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD22	2	1.25
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD23	2	1.25
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD11	2	1.25
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD12	2	1.25
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD13	2	1.25
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD21	2	1.25
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD22	2	1.25
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD23	2	1.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2121)	1:43:A:MET:HE1	1:46:A:ASN:HD21	18	1.25
(7,2121)	1:43:A:MET:HE1	1:46:A:ASN:HD22	18	1.25
(7,2121)	1:43:A:MET:HE2	1:46:A:ASN:HD21	18	1.25
(7,2121)	1:43:A:MET:HE2	1:46:A:ASN:HD22	18	1.25
(7,2121)	1:43:A:MET:HE3	1:46:A:ASN:HD21	18	1.25
(7,2121)	1:43:A:MET:HE3	1:46:A:ASN:HD22	18	1.25
(7,2048)	1:35:A:LEU:HD11	1:143:A:TRP:HA	9	1.25
(7,2048)	1:35:A:LEU:HD12	1:143:A:TRP:HA	9	1.25
(7,2048)	1:35:A:LEU:HD13	1:143:A:TRP:HA	9	1.25
(7,2048)	1:35:A:LEU:HD21	1:143:A:TRP:HA	9	1.25
(7,2048)	1:35:A:LEU:HD22	1:143:A:TRP:HA	9	1.25
(7,2048)	1:35:A:LEU:HD23	1:143:A:TRP:HA	9	1.25
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG11	17	1.25
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG12	17	1.25
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG13	17	1.25
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG21	17	1.25
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG22	17	1.25
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG23	17	1.25
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	13	1.25
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	13	1.25
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	13	1.25
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD21	13	1.25
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD22	13	1.25
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD23	13	1.25
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	13	1.25
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	13	1.25
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	13	1.25
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD21	13	1.25
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD22	13	1.25
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD23	13	1.25
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	13	1.25
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	13	1.25
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	13	1.25
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD21	13	1.25
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD22	13	1.25
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD23	13	1.25
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD11	18	1.25
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD12	18	1.25
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD13	18	1.25
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD21	18	1.25
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD22	18	1.25
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD23	18	1.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1822)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	17	1.25
(7,1822)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	17	1.25
(7,1251)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	13	1.25
(7,1251)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	13	1.25
(7,1251)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	13	1.25
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD11	16	1.25
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD12	16	1.25
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD13	16	1.25
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	4	1.25
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	4	1.25
(7,92)	1:95:A:ILE:HG21	1:97:A:ASP:H	5	1.25
(7,92)	1:95:A:ILE:HG22	1:97:A:ASP:H	5	1.25
(7,92)	1:95:A:ILE:HG23	1:97:A:ASP:H	5	1.25
(6,2429)	1:134:A:VAL:HG11	1:136:A:CYS:HA	2	1.25
(6,2429)	1:134:A:VAL:HG12	1:136:A:CYS:HA	2	1.25
(6,2429)	1:134:A:VAL:HG13	1:136:A:CYS:HA	2	1.25
(6,2429)	1:134:A:VAL:HG21	1:136:A:CYS:HA	2	1.25
(6,2429)	1:134:A:VAL:HG22	1:136:A:CYS:HA	2	1.25
(6,2429)	1:134:A:VAL:HG23	1:136:A:CYS:HA	2	1.25
(6,2149)	1:43:A:MET:HE1	1:46:A:ASN:HD21	18	1.25
(6,2149)	1:43:A:MET:HE1	1:46:A:ASN:HD22	18	1.25
(6,2149)	1:43:A:MET:HE2	1:46:A:ASN:HD21	18	1.25
(6,2149)	1:43:A:MET:HE2	1:46:A:ASN:HD22	18	1.25
(6,2149)	1:43:A:MET:HE3	1:46:A:ASN:HD21	18	1.25
(6,2149)	1:43:A:MET:HE3	1:46:A:ASN:HD22	18	1.25
(6,2001)	1:14:A:VAL:HG11	1:18:A:PHE:HB2	14	1.25
(6,2001)	1:14:A:VAL:HG12	1:18:A:PHE:HB2	14	1.25
(6,2001)	1:14:A:VAL:HG13	1:18:A:PHE:HB2	14	1.25
(6,2001)	1:14:A:VAL:HG21	1:18:A:PHE:HB2	14	1.25
(6,2001)	1:14:A:VAL:HG22	1:18:A:PHE:HB2	14	1.25
(6,2001)	1:14:A:VAL:HG23	1:18:A:PHE:HB2	14	1.25
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD21	10	1.25
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD22	10	1.25
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD23	10	1.25
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	10	1.25
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	10	1.25
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	10	1.25
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	10	1.25
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	10	1.25
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	10	1.25
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	10	1.25
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	10	1.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	10	1.25
(6,1071)	1:48:A:ARG:HG2	1:49:A:LYS:HA	12	1.25
(6,1071)	1:48:A:ARG:HG3	1:49:A:LYS:HA	12	1.25
(6,701)	1:23:A:LEU:HB2	1:27:A:ARG:HE	7	1.25
(6,701)	1:23:A:LEU:HB3	1:27:A:ARG:HE	7	1.25
(5,2479)	1:146:A:GLN:HG2	1:148:A:CYS:H	2	1.25
(5,2479)	1:146:A:GLN:HG3	1:148:A:CYS:H	2	1.25
(5,1465)	1:145:A:PRO:HD2	1:147:A:ARG:H	4	1.25
(5,1329)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	3	1.25
(5,1329)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	3	1.25
(5,1329)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	3	1.25
(5,1329)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	3	1.25
(5,1329)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	3	1.25
(5,1329)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	3	1.25
(5,1329)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	3	1.25
(5,1329)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	3	1.25
(5,1329)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	3	1.25
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG21	14	1.25
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG22	14	1.25
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG23	14	1.25
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG2	8	1.25
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG3	8	1.25
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG2	8	1.25
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG3	8	1.25
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG2	8	1.25
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG3	8	1.25
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	3	1.25
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	3	1.25
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	3	1.25
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	3	1.25
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	3	1.25
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	3	1.25
(5,569)	1:11:A:ILE:HD11	1:16:A:SER:H	18	1.25
(5,569)	1:11:A:ILE:HD12	1:16:A:SER:H	18	1.25
(5,569)	1:11:A:ILE:HD13	1:16:A:SER:H	18	1.25
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD11	19	1.25
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD12	19	1.25
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD13	19	1.25
(4,2427)	1:134:A:VAL:HG11	1:136:A:CYS:HA	2	1.25
(4,2427)	1:134:A:VAL:HG12	1:136:A:CYS:HA	2	1.25
(4,2427)	1:134:A:VAL:HG13	1:136:A:CYS:HA	2	1.25
(4,2427)	1:134:A:VAL:HG21	1:136:A:CYS:HA	2	1.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2427)	1:134:A:VAL:HG22	1:136:A:CYS:HA	2	1.25
(4,2427)	1:134:A:VAL:HG23	1:136:A:CYS:HA	2	1.25
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD21	10	1.25
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD22	10	1.25
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD23	10	1.25
(4,1483)	1:43:A:MET:HE1	1:46:A:ASN:HD22	7	1.25
(4,1483)	1:43:A:MET:HE2	1:46:A:ASN:HD22	7	1.25
(4,1483)	1:43:A:MET:HE3	1:46:A:ASN:HD22	7	1.25
(4,1069)	1:141:A:LYS:HA	1:149:A:ALA:HB1	12	1.25
(4,1069)	1:141:A:LYS:HA	1:149:A:ALA:HB2	12	1.25
(4,1069)	1:141:A:LYS:HA	1:149:A:ALA:HB3	12	1.25
(4,918)	1:125:A:THR:HB	1:128:A:LEU:HG	4	1.25
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB1	6	1.25
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB2	6	1.25
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB3	6	1.25
(3,2464)	1:134:A:VAL:HG11	1:136:A:CYS:HA	2	1.25
(3,2464)	1:134:A:VAL:HG12	1:136:A:CYS:HA	2	1.25
(3,2464)	1:134:A:VAL:HG13	1:136:A:CYS:HA	2	1.25
(3,2464)	1:134:A:VAL:HG21	1:136:A:CYS:HA	2	1.25
(3,2464)	1:134:A:VAL:HG22	1:136:A:CYS:HA	2	1.25
(3,2464)	1:134:A:VAL:HG23	1:136:A:CYS:HA	2	1.25
(3,2105)	1:35:A:LEU:HD11	1:143:A:TRP:HA	9	1.25
(3,2105)	1:35:A:LEU:HD12	1:143:A:TRP:HA	9	1.25
(3,2105)	1:35:A:LEU:HD13	1:143:A:TRP:HA	9	1.25
(3,2105)	1:35:A:LEU:HD21	1:143:A:TRP:HA	9	1.25
(3,2105)	1:35:A:LEU:HD22	1:143:A:TRP:HA	9	1.25
(3,2105)	1:35:A:LEU:HD23	1:143:A:TRP:HA	9	1.25
(3,2045)	1:17:A:ASN:HD21	1:79:A:THR:H	6	1.25
(3,2045)	1:17:A:ASN:HD22	1:79:A:THR:H	6	1.25
(3,2007)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	3	1.25
(3,2007)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	3	1.25
(3,2007)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	3	1.25
(3,2007)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	3	1.25
(3,2007)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	3	1.25
(3,2007)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	3	1.25
(3,1585)	1:11:A:ILE:HB	1:40:A:LEU:HD11	16	1.25
(3,1585)	1:11:A:ILE:HB	1:40:A:LEU:HD12	16	1.25
(3,1585)	1:11:A:ILE:HB	1:40:A:LEU:HD13	16	1.25
(3,1213)	1:11:A:ILE:HA	1:40:A:LEU:HD11	10	1.25
(3,1213)	1:11:A:ILE:HA	1:40:A:LEU:HD12	10	1.25
(3,1213)	1:11:A:ILE:HA	1:40:A:LEU:HD13	10	1.25
(3,662)	1:100:A:ALA:H	1:119:A:LEU:HG	17	1.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1968)	1:10:A:ASN:HB3	1:61:A:SER:HB2	19	1.25
(2,1968)	1:10:A:ASN:HB3	1:61:A:SER:HB3	19	1.25
(2,1948)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	19	1.25
(2,1948)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	19	1.25
(2,1783)	1:39:A:VAL:HG21	1:144:A:LEU:H	1	1.25
(2,1783)	1:39:A:VAL:HG22	1:144:A:LEU:H	1	1.25
(2,1783)	1:39:A:VAL:HG23	1:144:A:LEU:H	1	1.25
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	1	1.25
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	1	1.25
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	1	1.25
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	1	1.25
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	1	1.25
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	1	1.25
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	1	1.25
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	1	1.25
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	1	1.25
(2,1662)	1:47:A:ALA:H	1:134:A:VAL:HG11	6	1.25
(2,1662)	1:47:A:ALA:H	1:134:A:VAL:HG12	6	1.25
(2,1662)	1:47:A:ALA:H	1:134:A:VAL:HG13	6	1.25
(2,1643)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	18	1.25
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG21	18	1.25
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG22	18	1.25
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG23	18	1.25
(2,1562)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	9	1.25
(2,1562)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	9	1.25
(2,1562)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	9	1.25
(2,1562)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	18	1.25
(2,1562)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	18	1.25
(2,1562)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	18	1.25
(2,978)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	15	1.25
(2,978)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	15	1.25
(1,2400)	1:134:A:VAL:HG11	1:136:A:CYS:HA	2	1.25
(1,2400)	1:134:A:VAL:HG12	1:136:A:CYS:HA	2	1.25
(1,2400)	1:134:A:VAL:HG13	1:136:A:CYS:HA	2	1.25
(1,2400)	1:134:A:VAL:HG21	1:136:A:CYS:HA	2	1.25
(1,2400)	1:134:A:VAL:HG22	1:136:A:CYS:HA	2	1.25
(1,2400)	1:134:A:VAL:HG23	1:136:A:CYS:HA	2	1.25
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD11	7	1.25
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD12	7	1.25
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD13	7	1.25
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD21	7	1.25
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD22	7	1.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD23	7	1.25
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD11	7	1.25
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD12	7	1.25
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD13	7	1.25
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD21	7	1.25
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD22	7	1.25
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD23	7	1.25
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD11	7	1.25
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD12	7	1.25
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD13	7	1.25
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD21	7	1.25
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD22	7	1.25
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD23	7	1.25
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD11	7	1.25
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD12	7	1.25
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD13	7	1.25
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD21	7	1.25
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD22	7	1.25
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD23	7	1.25
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD11	7	1.25
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD12	7	1.25
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD13	7	1.25
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD21	7	1.25
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD22	7	1.25
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD23	7	1.25
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD11	7	1.25
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD12	7	1.25
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD13	7	1.25
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD21	7	1.25
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD22	7	1.25
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD23	7	1.25
(1,2124)	1:40:A:LEU:HD11	1:43:A:MET:HG3	3	1.25
(1,2124)	1:40:A:LEU:HD12	1:43:A:MET:HG3	3	1.25
(1,2124)	1:40:A:LEU:HD13	1:43:A:MET:HG3	3	1.25
(1,2124)	1:40:A:LEU:HD21	1:43:A:MET:HG3	3	1.25
(1,2124)	1:40:A:LEU:HD22	1:43:A:MET:HG3	3	1.25
(1,2124)	1:40:A:LEU:HD23	1:43:A:MET:HG3	3	1.25
(1,1945)	1:10:A:ASN:HB3	1:61:A:SER:HB2	19	1.25
(1,1945)	1:10:A:ASN:HB3	1:61:A:SER:HB3	19	1.25
(1,1868)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	17	1.25
(1,1868)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	17	1.25
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE1	18	1.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE2	18	1.25
(1,1795)	1:13:A:ALA:H	1:80:A:TYR:HD1	9	1.25
(1,1795)	1:13:A:ALA:H	1:80:A:TYR:HD2	9	1.25
(1,1638)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	8	1.25
(1,1274)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	13	1.25
(1,1274)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	13	1.25
(1,1274)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	13	1.25
(1,1100)	1:141:A:LYS:HA	1:149:A:ALA:HB1	12	1.25
(1,1100)	1:141:A:LYS:HA	1:149:A:ALA:HB2	12	1.25
(1,1100)	1:141:A:LYS:HA	1:149:A:ALA:HB3	12	1.25
(1,919)	1:21:A:THR:HB	1:24:A:ASP:H	15	1.25
(1,579)	1:11:A:ILE:HD11	1:16:A:SER:H	18	1.25
(1,579)	1:11:A:ILE:HD12	1:16:A:SER:H	18	1.25
(1,579)	1:11:A:ILE:HD13	1:16:A:SER:H	18	1.25
(1,162)	1:67:A:PRO:HD3	1:95:A:ILE:H	16	1.25
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	9	1.24
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	9	1.24
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	9	1.24
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	9	1.24
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	9	1.24
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	9	1.24
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	9	1.24
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	9	1.24
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	9	1.24
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	9	1.24
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	9	1.24
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	9	1.24
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	1	1.24
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	1	1.24
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	1	1.24
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	1	1.24
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	1	1.24
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	1	1.24
(34,2142)	1:40:A:LEU:HD11	1:45:A:ALA:H	17	1.24
(34,2142)	1:40:A:LEU:HD12	1:45:A:ALA:H	17	1.24
(34,2142)	1:40:A:LEU:HD13	1:45:A:ALA:H	17	1.24
(34,2142)	1:40:A:LEU:HD21	1:45:A:ALA:H	17	1.24
(34,2142)	1:40:A:LEU:HD22	1:45:A:ALA:H	17	1.24
(34,2142)	1:40:A:LEU:HD23	1:45:A:ALA:H	17	1.24
(34,1972)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	3	1.24
(34,1972)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	3	1.24
(34,1972)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	3	1.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1972)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	3	1.24
(34,1972)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	3	1.24
(34,1972)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	3	1.24
(34,1972)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	3	1.24
(34,1972)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	3	1.24
(34,1972)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	3	1.24
(34,1972)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	3	1.24
(34,1972)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	3	1.24
(34,1972)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	3	1.24
(34,1972)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	11	1.24
(34,1972)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	11	1.24
(34,1972)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	11	1.24
(34,1972)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	11	1.24
(34,1972)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	11	1.24
(34,1972)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	11	1.24
(34,1972)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	11	1.24
(34,1972)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	11	1.24
(34,1972)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	11	1.24
(34,1972)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	11	1.24
(34,1972)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	11	1.24
(34,1972)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	11	1.24
(34,1578)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	1.24
(34,1578)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	1.24
(34,1578)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	1.24
(34,1578)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	1.24
(34,1578)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	1.24
(34,1578)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	1.24
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	3	1.24
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	3	1.24
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	3	1.24
(34,1365)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	12	1.24
(34,1365)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	12	1.24
(34,1365)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	12	1.24
(34,1365)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	12	1.24
(34,1365)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	12	1.24
(34,1365)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	12	1.24
(34,1086)	1:110:A:MET:HG2	1:114:A:ILE:HG13	19	1.24
(34,1086)	1:110:A:MET:HG3	1:114:A:ILE:HG13	19	1.24
(33,2456)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	12	1.24
(33,2456)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	12	1.24
(33,2456)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	12	1.24
(33,2456)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	12	1.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2456)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	12	1.24
(33,2456)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	12	1.24
(33,2133)	1:40:A:LEU:HD11	1:41:A:LYS:HA	17	1.24
(33,2133)	1:40:A:LEU:HD12	1:41:A:LYS:HA	17	1.24
(33,2133)	1:40:A:LEU:HD13	1:41:A:LYS:HA	17	1.24
(33,2133)	1:40:A:LEU:HD21	1:41:A:LYS:HA	17	1.24
(33,2133)	1:40:A:LEU:HD22	1:41:A:LYS:HA	17	1.24
(33,2133)	1:40:A:LEU:HD23	1:41:A:LYS:HA	17	1.24
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD11	6	1.24
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD12	6	1.24
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD13	6	1.24
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD21	6	1.24
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD22	6	1.24
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD23	6	1.24
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	13	1.24
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	13	1.24
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	13	1.24
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD21	13	1.24
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD22	13	1.24
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD23	13	1.24
(33,1909)	1:35:A:LEU:HG	1:80:A:TYR:HE1	6	1.24
(33,1909)	1:35:A:LEU:HG	1:80:A:TYR:HE2	6	1.24
(33,1893)	1:18:A:PHE:HE1	1:117:A:VAL:HA	19	1.24
(33,1893)	1:18:A:PHE:HE2	1:117:A:VAL:HA	19	1.24
(33,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	17	1.24
(33,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	17	1.24
(33,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	17	1.24
(33,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	17	1.24
(33,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	17	1.24
(33,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	17	1.24
(33,1056)	1:43:A:MET:HB2	1:140:A:LEU:HG	5	1.24
(32,2239)	1:68:A:LYS:H	1:70:A:LYS:HG2	14	1.24
(32,2239)	1:68:A:LYS:H	1:70:A:LYS:HG3	14	1.24
(32,2234)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	15	1.24
(32,2234)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	15	1.24
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD11	17	1.24
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD12	17	1.24
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD13	17	1.24
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD21	17	1.24
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD22	17	1.24
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD23	17	1.24
(32,1316)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	17	1.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1316)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	17	1.24
(32,1316)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	17	1.24
(32,1316)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	17	1.24
(32,1316)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	17	1.24
(32,1316)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	17	1.24
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD21	5	1.24
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD22	5	1.24
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD23	5	1.24
(32,1027)	1:110:A:MET:HG2	1:114:A:ILE:HG13	19	1.24
(32,1027)	1:110:A:MET:HG3	1:114:A:ILE:HG13	19	1.24
(32,701)	1:44:A:GLU:HB2	1:54:A:ARG:HE	15	1.24
(32,701)	1:44:A:GLU:HB3	1:54:A:ARG:HE	15	1.24
(30,2245)	1:68:A:LYS:H	1:70:A:LYS:HG2	14	1.24
(30,2245)	1:68:A:LYS:H	1:70:A:LYS:HG3	14	1.24
(30,2240)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	15	1.24
(30,2240)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	15	1.24
(30,2148)	1:40:A:LEU:HD11	1:45:A:ALA:H	17	1.24
(30,2148)	1:40:A:LEU:HD12	1:45:A:ALA:H	17	1.24
(30,2148)	1:40:A:LEU:HD13	1:45:A:ALA:H	17	1.24
(30,2148)	1:40:A:LEU:HD21	1:45:A:ALA:H	17	1.24
(30,2148)	1:40:A:LEU:HD22	1:45:A:ALA:H	17	1.24
(30,2148)	1:40:A:LEU:HD23	1:45:A:ALA:H	17	1.24
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE1	5	1.24
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE2	5	1.24
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE1	5	1.24
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE2	5	1.24
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE1	5	1.24
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE2	5	1.24
(30,1658)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	8	1.24
(30,1658)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	8	1.24
(30,1658)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	8	1.24
(30,1658)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	8	1.24
(30,1658)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	8	1.24
(30,1658)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	8	1.24
(30,1658)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	8	1.24
(30,1658)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	8	1.24
(30,1658)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	8	1.24
(30,1628)	1:13:A:ALA:HA	1:80:A:TYR:HB3	17	1.24
(30,716)	1:44:A:GLU:HB2	1:54:A:ARG:HE	15	1.24
(30,716)	1:44:A:GLU:HB3	1:54:A:ARG:HE	15	1.24
(29,2318)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	10	1.24
(29,2318)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	10	1.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2318)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	10	1.24
(29,2318)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	10	1.24
(29,2318)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	10	1.24
(29,2318)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	10	1.24
(29,2318)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	10	1.24
(29,2318)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	10	1.24
(29,2318)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	10	1.24
(29,2318)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	10	1.24
(29,2318)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	10	1.24
(29,2318)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	10	1.24
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	1	1.24
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	1	1.24
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	1	1.24
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	1	1.24
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	1	1.24
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	1	1.24
(29,2145)	1:40:A:LEU:HD11	1:45:A:ALA:H	17	1.24
(29,2145)	1:40:A:LEU:HD12	1:45:A:ALA:H	17	1.24
(29,2145)	1:40:A:LEU:HD13	1:45:A:ALA:H	17	1.24
(29,2145)	1:40:A:LEU:HD21	1:45:A:ALA:H	17	1.24
(29,2145)	1:40:A:LEU:HD22	1:45:A:ALA:H	17	1.24
(29,2145)	1:40:A:LEU:HD23	1:45:A:ALA:H	17	1.24
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	3	1.24
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	3	1.24
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	3	1.24
(29,1353)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	17	1.24
(29,1353)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	17	1.24
(29,1353)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	17	1.24
(29,1353)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	17	1.24
(29,1353)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	17	1.24
(29,1353)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	17	1.24
(29,726)	1:44:A:GLU:HB2	1:54:A:ARG:HE	15	1.24
(29,726)	1:44:A:GLU:HB3	1:54:A:ARG:HE	15	1.24
(18,2283)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	11	1.24
(18,2283)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	11	1.24
(18,2283)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	11	1.24
(18,2283)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	11	1.24
(18,2283)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	11	1.24
(18,2283)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	11	1.24
(18,2283)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	11	1.24
(18,2283)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	11	1.24
(18,2283)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	11	1.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2283)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	11	1.24
(18,2283)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	11	1.24
(18,2283)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	11	1.24
(18,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	7	1.24
(18,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	7	1.24
(18,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	7	1.24
(18,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	7	1.24
(18,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	7	1.24
(18,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	7	1.24
(18,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	7	1.24
(18,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	7	1.24
(18,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	7	1.24
(18,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	7	1.24
(18,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	7	1.24
(18,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	7	1.24
(18,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	7	1.24
(18,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	7	1.24
(18,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	7	1.24
(18,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	7	1.24
(18,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	7	1.24
(18,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	7	1.24
(18,1544)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	1.24
(18,1544)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	1.24
(18,1544)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	1.24
(18,1544)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	1.24
(18,1544)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	1.24
(18,1544)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	1.24
(18,849)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	12	1.24
(18,849)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	15	1.24
(18,602)	1:75:A:GLY:H	1:77:A:CYS:HB3	8	1.24
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	1	1.24
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	1	1.24
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	1	1.24
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	1	1.24
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	1	1.24
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	1	1.24
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD21	17	1.24
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD22	17	1.24
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD23	17	1.24
(17,1361)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	17	1.24
(17,1361)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	17	1.24
(17,1361)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	17	1.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1361)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	17	1.24
(17,1361)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	17	1.24
(17,1361)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	17	1.24
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	1	1.24
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	1	1.24
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	1	1.24
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	1	1.24
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	1	1.24
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	1	1.24
(16,1962)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	3	1.24
(16,1962)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	3	1.24
(16,1962)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	3	1.24
(16,1962)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	3	1.24
(16,1962)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	3	1.24
(16,1962)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	3	1.24
(16,1962)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	3	1.24
(16,1962)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	3	1.24
(16,1962)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	3	1.24
(16,1962)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	3	1.24
(16,1962)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	3	1.24
(16,1962)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	3	1.24
(16,1962)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	11	1.24
(16,1962)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	11	1.24
(16,1962)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	11	1.24
(16,1962)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	11	1.24
(16,1962)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	11	1.24
(16,1962)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	11	1.24
(16,1962)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	11	1.24
(16,1962)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	11	1.24
(16,1962)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	11	1.24
(16,1962)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	11	1.24
(16,1962)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	11	1.24
(16,1962)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	11	1.24
(16,1874)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	11	1.24
(16,1874)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	11	1.24
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG11	12	1.24
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG12	12	1.24
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG13	12	1.24
(16,1617)	1:31:A:PRO:HG2	1:80:A:TYR:HB3	15	1.24
(16,1617)	1:31:A:PRO:HG3	1:80:A:TYR:HB3	15	1.24
(16,1533)	1:69:A:MET:HE1	1:76:A:ARG:HB2	7	1.24
(16,1533)	1:69:A:MET:HE2	1:76:A:ARG:HB2	7	1.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1533)	1:69:A:MET:HE3	1:76:A:ARG:HB2	7	1.24
(16,1475)	1:95:A:ILE:HG21	1:97:A:ASP:H	19	1.24
(16,1475)	1:95:A:ILE:HG22	1:97:A:ASP:H	19	1.24
(16,1475)	1:95:A:ILE:HG23	1:97:A:ASP:H	19	1.24
(16,658)	1:79:A:THR:H	1:80:A:TYR:HD1	10	1.24
(16,658)	1:79:A:THR:H	1:80:A:TYR:HD2	10	1.24
(15,2498)	1:145:A:PRO:HD2	1:147:A:ARG:H	19	1.24
(15,2498)	1:145:A:PRO:HD3	1:147:A:ARG:H	19	1.24
(15,2223)	1:68:A:LYS:H	1:70:A:LYS:HG2	14	1.24
(15,2223)	1:68:A:LYS:H	1:70:A:LYS:HG3	14	1.24
(15,2218)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	15	1.24
(15,2218)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	15	1.24
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	1	1.24
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	1	1.24
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	1	1.24
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	1	1.24
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	1	1.24
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	1	1.24
(15,1892)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	4	1.24
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD21	2	1.24
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD22	2	1.24
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD23	2	1.24
(15,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	17	1.24
(15,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	17	1.24
(15,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	17	1.24
(15,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	17	1.24
(15,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	17	1.24
(15,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	17	1.24
(15,1237)	1:39:A:VAL:H	1:139:A:LEU:HD21	17	1.24
(15,1237)	1:39:A:VAL:H	1:139:A:LEU:HD22	17	1.24
(15,1237)	1:39:A:VAL:H	1:139:A:LEU:HD23	17	1.24
(15,992)	1:12:A:VAL:HB	1:40:A:LEU:H	12	1.24
(15,844)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	12	1.24
(15,844)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	15	1.24
(15,762)	1:13:A:ALA:HB1	1:34:A:LYS:H	5	1.24
(15,762)	1:13:A:ALA:HB2	1:34:A:LYS:H	5	1.24
(15,762)	1:13:A:ALA:HB3	1:34:A:LYS:H	5	1.24
(13,2206)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	15	1.24
(13,2206)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	15	1.24
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG11	1	1.24
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG12	1	1.24
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG13	1	1.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG21	1	1.24
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG22	1	1.24
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG23	1	1.24
(13,1932)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	3	1.24
(13,1932)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	3	1.24
(13,1932)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	3	1.24
(13,1932)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	3	1.24
(13,1932)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	3	1.24
(13,1932)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	3	1.24
(13,1932)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	3	1.24
(13,1932)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	3	1.24
(13,1932)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	3	1.24
(13,1932)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	3	1.24
(13,1932)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	3	1.24
(13,1932)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	3	1.24
(13,1932)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	11	1.24
(13,1932)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	11	1.24
(13,1932)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	11	1.24
(13,1932)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	11	1.24
(13,1932)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	11	1.24
(13,1932)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	11	1.24
(13,1932)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	11	1.24
(13,1932)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	11	1.24
(13,1932)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	11	1.24
(13,1932)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	11	1.24
(13,1932)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	11	1.24
(13,1932)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	11	1.24
(13,1533)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	1.24
(13,1533)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	1.24
(13,1533)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	1.24
(13,1533)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	1.24
(13,1533)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	1.24
(13,1533)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	1.24
(13,417)	1:100:A:ALA:H	1:119:A:LEU:HB3	5	1.24
(11,2243)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	15	1.24
(11,2243)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	15	1.24
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD11	2	1.24
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD12	2	1.24
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD13	2	1.24
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD21	2	1.24
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD22	2	1.24
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD23	2	1.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD11	2	1.24
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD12	2	1.24
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD13	2	1.24
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD21	2	1.24
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD22	2	1.24
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD23	2	1.24
(11,2148)	1:40:A:LEU:HD11	1:45:A:ALA:H	17	1.24
(11,2148)	1:40:A:LEU:HD12	1:45:A:ALA:H	17	1.24
(11,2148)	1:40:A:LEU:HD13	1:45:A:ALA:H	17	1.24
(11,2148)	1:40:A:LEU:HD21	1:45:A:ALA:H	17	1.24
(11,2148)	1:40:A:LEU:HD22	1:45:A:ALA:H	17	1.24
(11,2148)	1:40:A:LEU:HD23	1:45:A:ALA:H	17	1.24
(11,2135)	1:39:A:VAL:HG11	1:144:A:LEU:H	6	1.24
(11,2135)	1:39:A:VAL:HG12	1:144:A:LEU:H	6	1.24
(11,2135)	1:39:A:VAL:HG13	1:144:A:LEU:H	6	1.24
(11,2135)	1:39:A:VAL:HG21	1:144:A:LEU:H	6	1.24
(11,2135)	1:39:A:VAL:HG22	1:144:A:LEU:H	6	1.24
(11,2135)	1:39:A:VAL:HG23	1:144:A:LEU:H	6	1.24
(11,1993)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	3	1.24
(11,1993)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	3	1.24
(11,1993)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	3	1.24
(11,1993)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	3	1.24
(11,1993)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	3	1.24
(11,1993)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	3	1.24
(11,1993)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	3	1.24
(11,1993)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	3	1.24
(11,1993)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	3	1.24
(11,1993)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	3	1.24
(11,1993)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	3	1.24
(11,1993)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	3	1.24
(11,1993)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	11	1.24
(11,1993)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	11	1.24
(11,1993)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	11	1.24
(11,1993)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	11	1.24
(11,1993)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	11	1.24
(11,1993)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	11	1.24
(11,1993)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	11	1.24
(11,1993)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	11	1.24
(11,1993)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	11	1.24
(11,1993)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	11	1.24
(11,1993)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	11	1.24
(11,1993)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	11	1.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	18	1.24
(11,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	18	1.24
(11,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	18	1.24
(11,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	18	1.24
(11,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	18	1.24
(11,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	18	1.24
(11,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	18	1.24
(11,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	18	1.24
(11,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	18	1.24
(11,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	18	1.24
(11,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	18	1.24
(11,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	18	1.24
(11,1931)	1:35:A:LEU:HG	1:80:A:TYR:HE1	6	1.24
(11,1931)	1:35:A:LEU:HG	1:80:A:TYR:HE2	6	1.24
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	3	1.24
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	3	1.24
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	3	1.24
(11,1069)	1:110:A:MET:HG2	1:114:A:ILE:HG13	19	1.24
(11,1069)	1:110:A:MET:HG3	1:114:A:ILE:HG13	19	1.24
(11,654)	1:79:A:THR:H	1:80:A:TYR:HD1	10	1.24
(11,654)	1:79:A:THR:H	1:80:A:TYR:HD2	10	1.24
(9,2023)	1:23:A:LEU:HD11	1:147:A:ARG:H	5	1.24
(9,2023)	1:23:A:LEU:HD12	1:147:A:ARG:H	5	1.24
(9,2023)	1:23:A:LEU:HD13	1:147:A:ARG:H	5	1.24
(9,2023)	1:23:A:LEU:HD21	1:147:A:ARG:H	5	1.24
(9,2023)	1:23:A:LEU:HD22	1:147:A:ARG:H	5	1.24
(9,2023)	1:23:A:LEU:HD23	1:147:A:ARG:H	5	1.24
(9,1554)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	1.24
(9,1554)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	1.24
(9,1554)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	1.24
(9,1554)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	1.24
(9,1554)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	1.24
(9,1554)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	1.24
(9,750)	1:43:A:MET:HE1	1:134:A:VAL:H	2	1.24
(9,750)	1:43:A:MET:HE2	1:134:A:VAL:H	2	1.24
(9,750)	1:43:A:MET:HE3	1:134:A:VAL:H	2	1.24
(9,750)	1:43:A:MET:HE1	1:134:A:VAL:H	10	1.24
(9,750)	1:43:A:MET:HE2	1:134:A:VAL:H	10	1.24
(9,750)	1:43:A:MET:HE3	1:134:A:VAL:H	10	1.24
(7,2197)	1:63:A:ILE:HG12	1:117:A:VAL:H	13	1.24
(7,2197)	1:63:A:ILE:HG13	1:117:A:VAL:H	13	1.24
(7,1327)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	17	1.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1327)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	17	1.24
(7,1327)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	17	1.24
(7,1327)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	17	1.24
(7,1327)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	17	1.24
(7,1327)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	17	1.24
(6,2431)	1:134:A:VAL:HG11	1:137:A:SER:H	13	1.24
(6,2431)	1:134:A:VAL:HG12	1:137:A:SER:H	13	1.24
(6,2431)	1:134:A:VAL:HG13	1:137:A:SER:H	13	1.24
(6,2431)	1:134:A:VAL:HG21	1:137:A:SER:H	13	1.24
(6,2431)	1:134:A:VAL:HG22	1:137:A:SER:H	13	1.24
(6,2431)	1:134:A:VAL:HG23	1:137:A:SER:H	13	1.24
(6,1981)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	3	1.24
(6,1981)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	3	1.24
(6,1981)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	3	1.24
(6,1981)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	3	1.24
(6,1981)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	3	1.24
(6,1981)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	3	1.24
(6,1981)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	3	1.24
(6,1981)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	3	1.24
(6,1981)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	3	1.24
(6,1981)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	3	1.24
(6,1981)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	3	1.24
(6,1981)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	3	1.24
(6,1981)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	11	1.24
(6,1981)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	11	1.24
(6,1981)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	11	1.24
(6,1981)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	11	1.24
(6,1981)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	11	1.24
(6,1981)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	11	1.24
(6,1981)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	11	1.24
(6,1981)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	11	1.24
(6,1981)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	11	1.24
(6,1981)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	11	1.24
(6,1981)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	11	1.24
(6,1981)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	11	1.24
(6,1920)	1:35:A:LEU:HG	1:80:A:TYR:HE1	6	1.24
(6,1920)	1:35:A:LEU:HG	1:80:A:TYR:HE2	6	1.24
(6,1505)	1:43:A:MET:HE1	1:46:A:ASN:HB2	10	1.24
(6,1505)	1:43:A:MET:HE2	1:46:A:ASN:HB2	10	1.24
(6,1505)	1:43:A:MET:HE3	1:46:A:ASN:HB2	10	1.24
(6,62)	1:32:A:GLY:HA2	1:81:A:GLU:H	11	1.24
(5,2232)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	15	1.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2232)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	15	1.24
(5,1334)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	3	1.24
(5,1334)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	3	1.24
(5,1334)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	3	1.24
(5,1334)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	3	1.24
(5,1334)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	3	1.24
(5,1334)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	3	1.24
(5,1334)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	3	1.24
(5,1334)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	3	1.24
(5,1334)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	3	1.24
(5,1137)	1:40:A:LEU:HA	1:44:A:GLU:HG3	15	1.24
(5,994)	1:35:A:LEU:HG	1:143:A:TRP:HB3	5	1.24
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG2	7	1.24
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG3	7	1.24
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG2	7	1.24
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG3	7	1.24
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG2	7	1.24
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG3	7	1.24
(5,573)	1:148:A:CYS:HA	1:150:A:THR:H	15	1.24
(4,1329)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	17	1.24
(4,1329)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	17	1.24
(4,1329)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	17	1.24
(4,1329)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	17	1.24
(4,1329)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	17	1.24
(4,1329)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	17	1.24
(4,1040)	1:110:A:MET:HG2	1:114:A:ILE:HG13	19	1.24
(4,1040)	1:110:A:MET:HG3	1:114:A:ILE:HG13	19	1.24
(4,862)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	7	1.24
(4,862)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	7	1.24
(4,213)	1:44:A:GLU:HG2	1:48:A:ARG:H	5	1.24
(3,2466)	1:134:A:VAL:HG11	1:137:A:SER:HB2	17	1.24
(3,2466)	1:134:A:VAL:HG11	1:137:A:SER:HB3	17	1.24
(3,2466)	1:134:A:VAL:HG12	1:137:A:SER:HB2	17	1.24
(3,2466)	1:134:A:VAL:HG12	1:137:A:SER:HB3	17	1.24
(3,2466)	1:134:A:VAL:HG13	1:137:A:SER:HB2	17	1.24
(3,2466)	1:134:A:VAL:HG13	1:137:A:SER:HB3	17	1.24
(3,2466)	1:134:A:VAL:HG21	1:137:A:SER:HB2	17	1.24
(3,2466)	1:134:A:VAL:HG21	1:137:A:SER:HB3	17	1.24
(3,2466)	1:134:A:VAL:HG22	1:137:A:SER:HB2	17	1.24
(3,2466)	1:134:A:VAL:HG22	1:137:A:SER:HB3	17	1.24
(3,2466)	1:134:A:VAL:HG23	1:137:A:SER:HB2	17	1.24
(3,2466)	1:134:A:VAL:HG23	1:137:A:SER:HB3	17	1.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2145)	1:39:A:VAL:HG11	1:144:A:LEU:H	6	1.24
(3,2145)	1:39:A:VAL:HG12	1:144:A:LEU:H	6	1.24
(3,2145)	1:39:A:VAL:HG13	1:144:A:LEU:H	6	1.24
(3,2145)	1:39:A:VAL:HG21	1:144:A:LEU:H	6	1.24
(3,2145)	1:39:A:VAL:HG22	1:144:A:LEU:H	6	1.24
(3,2145)	1:39:A:VAL:HG23	1:144:A:LEU:H	6	1.24
(3,1937)	1:35:A:LEU:HG	1:80:A:TYR:HE1	6	1.24
(3,1937)	1:35:A:LEU:HG	1:80:A:TYR:HE2	6	1.24
(3,1598)	1:11:A:ILE:HD11	1:43:A:MET:H	14	1.24
(3,1598)	1:11:A:ILE:HD12	1:43:A:MET:H	14	1.24
(3,1598)	1:11:A:ILE:HD13	1:43:A:MET:H	14	1.24
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD21	7	1.24
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD22	7	1.24
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD23	7	1.24
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	3	1.24
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	3	1.24
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	3	1.24
(3,1261)	1:39:A:VAL:H	1:139:A:LEU:HD21	17	1.24
(3,1261)	1:39:A:VAL:H	1:139:A:LEU:HD22	17	1.24
(3,1261)	1:39:A:VAL:H	1:139:A:LEU:HD23	17	1.24
(3,1194)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	17	1.24
(3,1194)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	17	1.24
(3,1194)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	17	1.24
(3,1194)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	17	1.24
(3,1194)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	17	1.24
(3,1194)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	17	1.24
(3,1075)	1:110:A:MET:HG2	1:114:A:ILE:HG13	19	1.24
(3,1075)	1:110:A:MET:HG3	1:114:A:ILE:HG13	19	1.24
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB1	10	1.24
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB2	10	1.24
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB3	10	1.24
(3,485)	1:145:A:PRO:HB2	1:148:A:CYS:H	6	1.24
(3,425)	1:100:A:ALA:H	1:119:A:LEU:HB3	5	1.24
(3,235)	1:40:A:LEU:HD11	1:44:A:GLU:H	19	1.24
(3,235)	1:40:A:LEU:HD12	1:44:A:GLU:H	19	1.24
(3,235)	1:40:A:LEU:HD13	1:44:A:GLU:H	19	1.24
(2,2471)	1:145:A:PRO:HB2	1:148:A:CYS:HB2	19	1.24
(2,2471)	1:145:A:PRO:HB2	1:148:A:CYS:HB3	19	1.24
(2,2260)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	15	1.24
(2,2260)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	15	1.24
(2,2147)	1:40:A:LEU:HD11	1:45:A:ALA:H	17	1.24
(2,2147)	1:40:A:LEU:HD12	1:45:A:ALA:H	17	1.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2147)	1:40:A:LEU:HD13	1:45:A:ALA:H	17	1.24
(2,2147)	1:40:A:LEU:HD21	1:45:A:ALA:H	17	1.24
(2,2147)	1:40:A:LEU:HD22	1:45:A:ALA:H	17	1.24
(2,2147)	1:40:A:LEU:HD23	1:45:A:ALA:H	17	1.24
(2,2141)	1:40:A:LEU:HD11	1:41:A:LYS:HA	15	1.24
(2,2141)	1:40:A:LEU:HD12	1:41:A:LYS:HA	15	1.24
(2,2141)	1:40:A:LEU:HD13	1:41:A:LYS:HA	15	1.24
(2,2141)	1:40:A:LEU:HD21	1:41:A:LYS:HA	15	1.24
(2,2141)	1:40:A:LEU:HD22	1:41:A:LYS:HA	15	1.24
(2,2141)	1:40:A:LEU:HD23	1:41:A:LYS:HA	15	1.24
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE1	15	1.24
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE2	15	1.24
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE3	15	1.24
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE1	15	1.24
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE2	15	1.24
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE3	15	1.24
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE1	15	1.24
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE2	15	1.24
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE3	15	1.24
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE1	15	1.24
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE2	15	1.24
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE3	15	1.24
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE1	15	1.24
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE2	15	1.24
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE3	15	1.24
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE1	15	1.24
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE2	15	1.24
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE3	15	1.24
(2,1052)	1:110:A:MET:HG2	1:114:A:ILE:HG13	19	1.24
(2,1052)	1:110:A:MET:HG3	1:114:A:ILE:HG13	19	1.24
(2,956)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	14	1.24
(2,956)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	14	1.24
(2,577)	1:148:A:CYS:HA	1:150:A:THR:H	15	1.24
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	3	1.24
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	3	1.24
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	3	1.24
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	3	1.24
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	3	1.24
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	3	1.24
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	3	1.24
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	3	1.24
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	3	1.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	3	1.24
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	3	1.24
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	3	1.24
(1,1987)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	7	1.24
(1,1987)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	7	1.24
(1,1987)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	7	1.24
(1,1987)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	7	1.24
(1,1987)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	7	1.24
(1,1987)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	7	1.24
(1,1987)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	7	1.24
(1,1987)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	7	1.24
(1,1987)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	7	1.24
(1,1987)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	7	1.24
(1,1987)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	7	1.24
(1,1987)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	7	1.24
(1,1987)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	7	1.24
(1,1987)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	7	1.24
(1,1987)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	7	1.24
(1,1987)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	7	1.24
(1,1987)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	7	1.24
(1,1987)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	7	1.24
(1,1638)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	19	1.24
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	11	1.24
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	11	1.24
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	11	1.24
(1,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	17	1.24
(1,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	17	1.24
(1,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	17	1.24
(1,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	17	1.24
(1,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	17	1.24
(1,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	17	1.24
(34,1910)	1:18:A:PHE:HA	1:113:A:PHE:HE1	10	1.23
(34,1910)	1:18:A:PHE:HA	1:113:A:PHE:HE2	10	1.23
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD11	14	1.23
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD12	14	1.23
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD13	14	1.23
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD21	14	1.23
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD22	14	1.23
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD23	14	1.23
(33,1756)	1:140:A:LEU:HD11	1:143:A:TRP:H	5	1.23
(33,1756)	1:140:A:LEU:HD12	1:143:A:TRP:H	5	1.23
(33,1756)	1:140:A:LEU:HD13	1:143:A:TRP:H	5	1.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG21	2	1.23
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG22	2	1.23
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG23	2	1.23
(32,2119)	1:41:A:LYS:HG2	1:44:A:GLU:HG2	11	1.23
(32,2119)	1:41:A:LYS:HG2	1:44:A:GLU:HG3	11	1.23
(32,2119)	1:41:A:LYS:HG3	1:44:A:GLU:HG2	11	1.23
(32,2119)	1:41:A:LYS:HG3	1:44:A:GLU:HG3	11	1.23
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD11	14	1.23
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD12	14	1.23
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD13	14	1.23
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD21	14	1.23
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD22	14	1.23
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD23	14	1.23
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	18	1.23
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	18	1.23
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	18	1.23
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	18	1.23
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	18	1.23
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	18	1.23
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	7	1.23
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	7	1.23
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	7	1.23
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	7	1.23
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	7	1.23
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	7	1.23
(32,1830)	1:18:A:PHE:HA	1:113:A:PHE:HE1	19	1.23
(32,1830)	1:18:A:PHE:HA	1:113:A:PHE:HE2	19	1.23
(32,1707)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	11	1.23
(32,1707)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	11	1.23
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG21	2	1.23
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG22	2	1.23
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG23	2	1.23
(32,1214)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	19	1.23
(32,1214)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	19	1.23
(32,1214)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	19	1.23
(32,1214)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	19	1.23
(32,1214)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	19	1.23
(32,1214)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	19	1.23
(32,807)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	5	1.23
(32,807)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	5	1.23
(32,807)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	5	1.23
(32,807)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	5	1.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,807)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	5	1.23
(32,807)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	5	1.23
(32,781)	1:63:A:ILE:HD11	1:116:A:GLN:HE21	18	1.23
(32,781)	1:63:A:ILE:HD12	1:116:A:GLN:HE21	18	1.23
(32,781)	1:63:A:ILE:HD13	1:116:A:GLN:HE21	18	1.23
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD11	3	1.23
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD12	3	1.23
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD13	3	1.23
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD21	3	1.23
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD22	3	1.23
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD23	3	1.23
(30,2286)	1:79:A:THR:HG21	1:81:A:GLU:HB2	14	1.23
(30,2286)	1:79:A:THR:HG21	1:81:A:GLU:HB3	14	1.23
(30,2286)	1:79:A:THR:HG22	1:81:A:GLU:HB2	14	1.23
(30,2286)	1:79:A:THR:HG22	1:81:A:GLU:HB3	14	1.23
(30,2286)	1:79:A:THR:HG23	1:81:A:GLU:HB2	14	1.23
(30,2286)	1:79:A:THR:HG23	1:81:A:GLU:HB3	14	1.23
(30,2142)	1:40:A:LEU:HD11	1:41:A:LYS:HA	15	1.23
(30,2142)	1:40:A:LEU:HD12	1:41:A:LYS:HA	15	1.23
(30,2142)	1:40:A:LEU:HD13	1:41:A:LYS:HA	15	1.23
(30,2142)	1:40:A:LEU:HD21	1:41:A:LYS:HA	15	1.23
(30,2142)	1:40:A:LEU:HD22	1:41:A:LYS:HA	15	1.23
(30,2142)	1:40:A:LEU:HD23	1:41:A:LYS:HA	15	1.23
(30,2058)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	10	1.23
(30,2058)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	10	1.23
(30,2058)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	10	1.23
(30,2058)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	10	1.23
(30,2058)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	10	1.23
(30,2058)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	10	1.23
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	8	1.23
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	8	1.23
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	8	1.23
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	8	1.23
(30,1746)	1:31:A:PRO:HB2	1:35:A:LEU:HA	13	1.23
(30,1746)	1:31:A:PRO:HB3	1:35:A:LEU:HA	13	1.23
(30,1727)	1:79:A:THR:HG21	1:81:A:GLU:HB3	18	1.23
(30,1727)	1:79:A:THR:HG22	1:81:A:GLU:HB3	18	1.23
(30,1727)	1:79:A:THR:HG23	1:81:A:GLU:HB3	18	1.23
(30,1727)	1:79:A:THR:HG21	1:81:A:GLU:HB2	18	1.23
(30,1727)	1:79:A:THR:HG22	1:81:A:GLU:HB2	18	1.23
(30,1727)	1:79:A:THR:HG23	1:81:A:GLU:HB2	18	1.23
(30,1549)	1:143:A:TRP:HD1	1:144:A:LEU:HD21	16	1.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1549)	1:143:A:TRP:HD1	1:144:A:LEU:HD22	16	1.23
(30,1549)	1:143:A:TRP:HD1	1:144:A:LEU:HD23	16	1.23
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD11	3	1.23
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD12	3	1.23
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD13	3	1.23
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD21	3	1.23
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD22	3	1.23
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD23	3	1.23
(29,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HB	7	1.23
(29,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HB	7	1.23
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	7	1.23
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	7	1.23
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	7	1.23
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	7	1.23
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	7	1.23
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	7	1.23
(29,1884)	1:9:A:PHE:HE1	1:58:A:ILE:HG12	12	1.23
(29,1884)	1:9:A:PHE:HE2	1:58:A:ILE:HG12	12	1.23
(29,1882)	1:18:A:PHE:HA	1:113:A:PHE:HE1	19	1.23
(29,1882)	1:18:A:PHE:HA	1:113:A:PHE:HE2	19	1.23
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE1	11	1.23
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE2	11	1.23
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE3	11	1.23
(29,1248)	1:43:A:MET:HG2	1:140:A:LEU:HD11	9	1.23
(29,1248)	1:43:A:MET:HG2	1:140:A:LEU:HD12	9	1.23
(29,1248)	1:43:A:MET:HG2	1:140:A:LEU:HD13	9	1.23
(20,6)	1:52:A:CYS:SG	1:56:A:CYS:SG	16	1.23
(19,18)	1:56:A:CYS:SG	1:123:A:CYS:CB	4	1.23
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD1	3	1.23
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD2	3	1.23
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE1	16	1.23
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE2	16	1.23
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE3	16	1.23
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE1	16	1.23
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE2	16	1.23
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE3	16	1.23
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE1	16	1.23
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE2	16	1.23
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE3	16	1.23
(17,2145)	1:40:A:LEU:HD11	1:41:A:LYS:HA	19	1.23
(17,2145)	1:40:A:LEU:HD12	1:41:A:LYS:HA	19	1.23
(17,2145)	1:40:A:LEU:HD13	1:41:A:LYS:HA	19	1.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2145)	1:40:A:LEU:HD21	1:41:A:LYS:HA	19	1.23
(17,2145)	1:40:A:LEU:HD22	1:41:A:LYS:HA	19	1.23
(17,2145)	1:40:A:LEU:HD23	1:41:A:LYS:HA	19	1.23
(17,2031)	1:17:A:ASN:HD21	1:113:A:PHE:HE1	4	1.23
(17,2031)	1:17:A:ASN:HD21	1:113:A:PHE:HE2	4	1.23
(17,2031)	1:17:A:ASN:HD22	1:113:A:PHE:HE1	4	1.23
(17,2031)	1:17:A:ASN:HD22	1:113:A:PHE:HE2	4	1.23
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	7	1.23
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	7	1.23
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	7	1.23
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	7	1.23
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	7	1.23
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	7	1.23
(17,1657)	1:18:A:PHE:HZ	1:60:A:LEU:HA	7	1.23
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	6	1.23
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	6	1.23
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	6	1.23
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	6	1.23
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	6	1.23
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	6	1.23
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	9	1.23
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	9	1.23
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	9	1.23
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	9	1.23
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	9	1.23
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	9	1.23
(17,739)	1:46:A:ASN:HD21	1:134:A:VAL:HA	13	1.23
(16,2145)	1:41:A:LYS:HG3	1:44:A:GLU:HG2	4	1.23
(16,2145)	1:41:A:LYS:HG3	1:44:A:GLU:HG3	4	1.23
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD11	14	1.23
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD12	14	1.23
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD13	14	1.23
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD21	14	1.23
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD22	14	1.23
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD23	14	1.23
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	18	1.23
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	18	1.23
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	18	1.23
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	18	1.23
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	18	1.23
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	18	1.23
(16,1834)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	19	1.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1834)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	19	1.23
(16,1834)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	19	1.23
(16,1834)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	19	1.23
(16,1758)	1:95:A:ILE:HG21	1:97:A:ASP:HA	3	1.23
(16,1758)	1:95:A:ILE:HG22	1:97:A:ASP:HA	3	1.23
(16,1758)	1:95:A:ILE:HG23	1:97:A:ASP:HA	3	1.23
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE1	11	1.23
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE2	11	1.23
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE3	11	1.23
(16,1496)	1:114:A:ILE:HG21	1:117:A:VAL:HB	15	1.23
(16,1496)	1:114:A:ILE:HG22	1:117:A:VAL:HB	15	1.23
(16,1496)	1:114:A:ILE:HG23	1:117:A:VAL:HB	15	1.23
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD11	19	1.23
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD12	19	1.23
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD13	19	1.23
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD11	1	1.23
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD12	1	1.23
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD13	1	1.23
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD11	1	1.23
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD12	1	1.23
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD13	1	1.23
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	6	1.23
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	6	1.23
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	6	1.23
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	6	1.23
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	6	1.23
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	6	1.23
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	9	1.23
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	9	1.23
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	9	1.23
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	9	1.23
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	9	1.23
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	9	1.23
(16,658)	1:79:A:THR:H	1:80:A:TYR:HD1	11	1.23
(16,658)	1:79:A:THR:H	1:80:A:TYR:HD2	11	1.23
(15,1888)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	19	1.23
(15,1888)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	19	1.23
(15,1888)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	19	1.23
(15,1888)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	19	1.23
(15,1888)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	19	1.23
(15,1888)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	19	1.23
(15,1840)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	18	1.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1840)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	18	1.23
(15,1634)	1:18:A:PHE:HZ	1:60:A:LEU:HA	7	1.23
(15,765)	1:12:A:VAL:H	1:40:A:LEU:HD21	3	1.23
(15,765)	1:12:A:VAL:H	1:40:A:LEU:HD22	3	1.23
(15,765)	1:12:A:VAL:H	1:40:A:LEU:HD23	3	1.23
(15,737)	1:46:A:ASN:HD21	1:134:A:VAL:HA	13	1.23
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE21	1	1.23
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE22	1	1.23
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE21	1	1.23
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE22	1	1.23
(13,1934)	1:12:A:VAL:HG11	1:32:A:GLY:HA2	16	1.23
(13,1934)	1:12:A:VAL:HG12	1:32:A:GLY:HA2	16	1.23
(13,1934)	1:12:A:VAL:HG13	1:32:A:GLY:HA2	16	1.23
(13,1934)	1:12:A:VAL:HG21	1:32:A:GLY:HA2	16	1.23
(13,1934)	1:12:A:VAL:HG22	1:32:A:GLY:HA2	16	1.23
(13,1934)	1:12:A:VAL:HG23	1:32:A:GLY:HA2	16	1.23
(13,1891)	1:9:A:PHE:HE1	1:54:A:ARG:HB2	6	1.23
(13,1891)	1:9:A:PHE:HE1	1:54:A:ARG:HB3	6	1.23
(13,1891)	1:9:A:PHE:HE2	1:54:A:ARG:HB2	6	1.23
(13,1891)	1:9:A:PHE:HE2	1:54:A:ARG:HB3	6	1.23
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE1	7	1.23
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE2	7	1.23
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE3	7	1.23
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE1	7	1.23
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE2	7	1.23
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE3	7	1.23
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE1	7	1.23
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE2	7	1.23
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE3	7	1.23
(13,1213)	1:39:A:VAL:H	1:139:A:LEU:HD21	17	1.23
(13,1213)	1:39:A:VAL:H	1:139:A:LEU:HD22	17	1.23
(13,1213)	1:39:A:VAL:H	1:139:A:LEU:HD23	17	1.23
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	6	1.23
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	6	1.23
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	6	1.23
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	6	1.23
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	6	1.23
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	6	1.23
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	6	1.23
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	6	1.23
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	6	1.23
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	6	1.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	6	1.23
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	6	1.23
(11,1943)	1:11:A:ILE:HD11	1:18:A:PHE:HZ	4	1.23
(11,1943)	1:11:A:ILE:HD12	1:18:A:PHE:HZ	4	1.23
(11,1943)	1:11:A:ILE:HD13	1:18:A:PHE:HZ	4	1.23
(11,1844)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	5	1.23
(11,1844)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	5	1.23
(11,1576)	1:143:A:TRP:HD1	1:144:A:LEU:HD21	16	1.23
(11,1576)	1:143:A:TRP:HD1	1:144:A:LEU:HD22	16	1.23
(11,1576)	1:143:A:TRP:HD1	1:144:A:LEU:HD23	16	1.23
(11,654)	1:79:A:THR:H	1:80:A:TYR:HD1	11	1.23
(11,654)	1:79:A:THR:H	1:80:A:TYR:HD2	11	1.23
(9,2274)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	10	1.23
(9,2274)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	10	1.23
(9,2274)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	10	1.23
(9,2274)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	10	1.23
(9,2274)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	10	1.23
(9,2274)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	10	1.23
(9,2274)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	10	1.23
(9,2274)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	10	1.23
(9,2274)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	10	1.23
(9,2274)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	10	1.23
(9,2274)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	10	1.23
(9,2274)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	10	1.23
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	18	1.23
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	18	1.23
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	18	1.23
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	18	1.23
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	18	1.23
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	18	1.23
(9,1731)	1:31:A:PRO:HB2	1:35:A:LEU:HA	13	1.23
(9,1731)	1:31:A:PRO:HB3	1:35:A:LEU:HA	13	1.23
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	6	1.23
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	6	1.23
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	6	1.23
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	6	1.23
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	6	1.23
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	6	1.23
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	9	1.23
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	9	1.23
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	9	1.23
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	9	1.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	9	1.23
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	9	1.23
(7,2009)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	10	1.23
(7,2009)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	10	1.23
(7,2009)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	10	1.23
(7,2009)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	10	1.23
(7,2009)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	10	1.23
(7,2009)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	10	1.23
(7,2009)	1:27:A:ARG:HB3	1:30:A:LEU:HD11	10	1.23
(7,2009)	1:27:A:ARG:HB3	1:30:A:LEU:HD12	10	1.23
(7,2009)	1:27:A:ARG:HB3	1:30:A:LEU:HD13	10	1.23
(7,2009)	1:27:A:ARG:HB3	1:30:A:LEU:HD21	10	1.23
(7,2009)	1:27:A:ARG:HB3	1:30:A:LEU:HD22	10	1.23
(7,2009)	1:27:A:ARG:HB3	1:30:A:LEU:HD23	10	1.23
(7,1782)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	5	1.23
(7,1782)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	5	1.23
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE1	9	1.23
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE2	9	1.23
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE3	9	1.23
(7,44)	1:44:A:GLU:HG2	1:47:A:ALA:H	7	1.23
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	13	1.23
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	13	1.23
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	13	1.23
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	13	1.23
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	13	1.23
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	13	1.23
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	13	1.23
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	13	1.23
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	13	1.23
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	13	1.23
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	13	1.23
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	13	1.23
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	13	1.23
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	13	1.23
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	13	1.23
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	13	1.23
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	13	1.23
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	13	1.23
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	18	1.23
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	18	1.23
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	18	1.23
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	18	1.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	18	1.23
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	18	1.23
(6,1980)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	18	1.23
(6,1980)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	18	1.23
(6,1980)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	18	1.23
(6,1980)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	18	1.23
(6,1980)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	18	1.23
(6,1980)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	18	1.23
(6,1980)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	18	1.23
(6,1980)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	18	1.23
(6,1980)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	18	1.23
(6,1980)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	18	1.23
(6,1980)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	18	1.23
(6,1980)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	18	1.23
(6,1862)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	7	1.23
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD11	12	1.23
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD12	12	1.23
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD13	12	1.23
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	18	1.23
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	18	1.23
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	18	1.23
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	18	1.23
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	18	1.23
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	18	1.23
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	19	1.23
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	19	1.23
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	19	1.23
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	19	1.23
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	19	1.23
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	19	1.23
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	19	1.23
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	19	1.23
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	19	1.23
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG21	8	1.23
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG22	8	1.23
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG23	8	1.23
(5,916)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	17	1.23
(5,825)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	5	1.23
(5,825)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	5	1.23
(5,825)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	5	1.23
(5,825)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	5	1.23
(5,825)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	5	1.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,825)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	5	1.23
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	6	1.23
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	6	1.23
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	6	1.23
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	6	1.23
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	6	1.23
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	6	1.23
(5,573)	1:148:A:CYS:HA	1:150:A:THR:H	17	1.23
(4,1822)	1:13:A:ALA:HA	1:80:A:TYR:HE1	18	1.23
(4,1822)	1:13:A:ALA:HA	1:80:A:TYR:HE2	18	1.23
(4,1615)	1:18:A:PHE:HZ	1:60:A:LEU:HA	7	1.23
(4,1483)	1:43:A:MET:HE1	1:46:A:ASN:HD22	10	1.23
(4,1483)	1:43:A:MET:HE2	1:46:A:ASN:HD22	10	1.23
(4,1483)	1:43:A:MET:HE3	1:46:A:ASN:HD22	10	1.23
(4,304)	1:64:A:LYS:HD2	1:65:A:CYS:H	10	1.23
(4,304)	1:64:A:LYS:HD3	1:65:A:CYS:H	10	1.23
(4,50)	1:44:A:GLU:HG2	1:47:A:ALA:H	7	1.23
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD11	11	1.23
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD12	11	1.23
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD13	11	1.23
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD21	11	1.23
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD22	11	1.23
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD23	11	1.23
(3,2087)	1:32:A:GLY:HA2	1:81:A:GLU:H	1	1.23
(3,2087)	1:32:A:GLY:HA3	1:81:A:GLU:H	1	1.23
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD11	19	1.23
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD12	19	1.23
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD13	19	1.23
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD21	19	1.23
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD22	19	1.23
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD23	19	1.23
(3,2050)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	18	1.23
(3,2050)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	18	1.23
(3,2050)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	18	1.23
(3,2050)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	18	1.23
(3,2050)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	18	1.23
(3,2050)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	18	1.23
(3,2050)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	18	1.23
(3,2050)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	18	1.23
(3,2050)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	18	1.23
(3,2050)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	18	1.23
(3,2050)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	18	1.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2050)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	18	1.23
(3,2044)	1:17:A:ASN:HD21	1:78:A:HIS:H	9	1.23
(3,2044)	1:17:A:ASN:HD22	1:78:A:HIS:H	9	1.23
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	7	1.23
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	7	1.23
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	7	1.23
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	7	1.23
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	7	1.23
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	7	1.23
(3,1773)	1:31:A:PRO:HB2	1:35:A:LEU:HA	13	1.23
(3,1773)	1:31:A:PRO:HB3	1:35:A:LEU:HA	13	1.23
(3,833)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	17	1.23
(3,833)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	17	1.23
(3,833)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	17	1.23
(3,720)	1:44:A:GLU:HB2	1:48:A:ARG:HE	15	1.23
(3,720)	1:44:A:GLU:HB3	1:48:A:ARG:HE	15	1.23
(2,2471)	1:145:A:PRO:HB2	1:148:A:CYS:HB2	18	1.23
(2,2471)	1:145:A:PRO:HB2	1:148:A:CYS:HB3	18	1.23
(2,1559)	1:143:A:TRP:HD1	1:144:A:LEU:HD21	16	1.23
(2,1559)	1:143:A:TRP:HD1	1:144:A:LEU:HD22	16	1.23
(2,1559)	1:143:A:TRP:HD1	1:144:A:LEU:HD23	16	1.23
(2,1469)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	15	1.23
(2,1469)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	15	1.23
(2,1469)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	15	1.23
(2,1469)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	15	1.23
(2,1469)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	15	1.23
(2,1469)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	15	1.23
(2,1469)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	15	1.23
(2,1469)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	15	1.23
(2,1469)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	15	1.23
(2,577)	1:148:A:CYS:HA	1:150:A:THR:H	17	1.23
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	19	1.23
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	19	1.23
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	19	1.23
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	19	1.23
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	19	1.23
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	19	1.23
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	19	1.23
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	19	1.23
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	19	1.23
(1,1636)	1:10:A:ASN:HB3	1:14:A:VAL:HB	17	1.23
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE1	11	1.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE2	11	1.23
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE3	11	1.23
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE1	15	1.22
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE2	15	1.22
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE3	15	1.22
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE1	15	1.22
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE2	15	1.22
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE3	15	1.22
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE1	15	1.22
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE2	15	1.22
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE3	15	1.22
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE1	15	1.22
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE2	15	1.22
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE3	15	1.22
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE1	15	1.22
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE2	15	1.22
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE3	15	1.22
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE1	15	1.22
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE2	15	1.22
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE3	15	1.22
(34,1658)	1:97:A:ASP:HB2	1:102:A:PRO:HA	19	1.22
(34,1658)	1:97:A:ASP:HB3	1:102:A:PRO:HA	19	1.22
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	19	1.22
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	19	1.22
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	19	1.22
(34,1362)	1:17:A:ASN:HA	1:76:A:ARG:HA	13	1.22
(34,1217)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	11	1.22
(34,1217)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	11	1.22
(34,1217)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	11	1.22
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	9	1.22
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	9	1.22
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	9	1.22
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	9	1.22
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	9	1.22
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	9	1.22
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD11	15	1.22
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD12	15	1.22
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD13	15	1.22
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD21	15	1.22
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD22	15	1.22
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD23	15	1.22
(33,1633)	1:97:A:ASP:HB2	1:102:A:PRO:HA	19	1.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1633)	1:97:A:ASP:HB3	1:102:A:PRO:HA	19	1.22
(33,1609)	1:16:A:SER:HB2	1:19:A:ALA:HB1	11	1.22
(33,1609)	1:16:A:SER:HB2	1:19:A:ALA:HB2	11	1.22
(33,1609)	1:16:A:SER:HB2	1:19:A:ALA:HB3	11	1.22
(33,1329)	1:106:A:ASP:HA	1:112:A:GLN:HE21	9	1.22
(33,1198)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	11	1.22
(33,1198)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	11	1.22
(33,1198)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	11	1.22
(33,742)	1:105:A:LYS:HG3	1:112:A:GLN:HE22	18	1.22
(32,1602)	1:97:A:ASP:HB2	1:102:A:PRO:HA	19	1.22
(32,1602)	1:97:A:ASP:HB3	1:102:A:PRO:HA	19	1.22
(32,1589)	1:13:A:ALA:HA	1:80:A:TYR:HB3	9	1.22
(32,1525)	1:11:A:ILE:HD11	1:43:A:MET:H	14	1.22
(32,1525)	1:11:A:ILE:HD12	1:43:A:MET:H	14	1.22
(32,1525)	1:11:A:ILE:HD13	1:43:A:MET:H	14	1.22
(32,1357)	1:19:A:ALA:HB1	1:132:A:ALA:HA	2	1.22
(32,1357)	1:19:A:ALA:HB2	1:132:A:ALA:HA	2	1.22
(32,1357)	1:19:A:ALA:HB3	1:132:A:ALA:HA	2	1.22
(32,1297)	1:106:A:ASP:HA	1:112:A:GLN:HE21	9	1.22
(32,1152)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	11	1.22
(32,1152)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	11	1.22
(32,1152)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	11	1.22
(32,607)	1:35:A:LEU:H	1:80:A:TYR:HB2	15	1.22
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	3	1.22
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	3	1.22
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	3	1.22
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	3	1.22
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG11	15	1.22
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG12	15	1.22
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG13	15	1.22
(30,1242)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	17	1.22
(30,1242)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	17	1.22
(30,1242)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	17	1.22
(30,1242)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	17	1.22
(30,1242)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	17	1.22
(30,1242)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	17	1.22
(30,1202)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	13	1.22
(30,1202)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	13	1.22
(30,1202)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	13	1.22
(30,1202)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	13	1.22
(30,1202)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	13	1.22
(30,1202)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	13	1.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,629)	1:9:A:PHE:HZ	1:58:A:ILE:H	14	1.22
(30,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	13	1.22
(29,1997)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	19	1.22
(29,1997)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	19	1.22
(29,1997)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	19	1.22
(29,1997)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	19	1.22
(29,1997)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	19	1.22
(29,1997)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	19	1.22
(29,1997)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	19	1.22
(29,1997)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	19	1.22
(29,1997)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	19	1.22
(29,1997)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	19	1.22
(29,1997)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	19	1.22
(29,1997)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	19	1.22
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG21	3	1.22
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG22	3	1.22
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG23	3	1.22
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG21	3	1.22
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG22	3	1.22
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG23	3	1.22
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG21	3	1.22
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG22	3	1.22
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG23	3	1.22
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG21	3	1.22
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG22	3	1.22
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG23	3	1.22
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG21	3	1.22
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG22	3	1.22
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG23	3	1.22
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG21	3	1.22
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG22	3	1.22
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG23	3	1.22
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG11	15	1.22
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG12	15	1.22
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG13	15	1.22
(29,1659)	1:97:A:ASP:HB2	1:102:A:PRO:HA	19	1.22
(29,1659)	1:97:A:ASP:HB3	1:102:A:PRO:HA	19	1.22
(29,1631)	1:16:A:SER:HB2	1:19:A:ALA:HB1	11	1.22
(29,1631)	1:16:A:SER:HB2	1:19:A:ALA:HB2	11	1.22
(29,1631)	1:16:A:SER:HB2	1:19:A:ALA:HB3	11	1.22
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	19	1.22
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	19	1.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	19	1.22
(29,1205)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	11	1.22
(29,1205)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	11	1.22
(29,1205)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	11	1.22
(29,572)	1:63:A:ILE:HG21	1:116:A:GLN:H	11	1.22
(29,572)	1:63:A:ILE:HG22	1:116:A:GLN:H	11	1.22
(29,572)	1:63:A:ILE:HG23	1:116:A:GLN:H	11	1.22
(18,2251)	1:69:A:MET:HG2	1:70:A:LYS:HG2	2	1.22
(18,2251)	1:69:A:MET:HG3	1:70:A:LYS:HG2	2	1.22
(18,2241)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	7	1.22
(18,2241)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	7	1.22
(18,2241)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	7	1.22
(18,2241)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	7	1.22
(18,2043)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	10	1.22
(18,2043)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	10	1.22
(18,2043)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	10	1.22
(18,2043)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	10	1.22
(18,2043)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	10	1.22
(18,2043)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	10	1.22
(18,2043)	1:27:A:ARG:HB3	1:30:A:LEU:HD11	10	1.22
(18,2043)	1:27:A:ARG:HB3	1:30:A:LEU:HD12	10	1.22
(18,2043)	1:27:A:ARG:HB3	1:30:A:LEU:HD13	10	1.22
(18,2043)	1:27:A:ARG:HB3	1:30:A:LEU:HD21	10	1.22
(18,2043)	1:27:A:ARG:HB3	1:30:A:LEU:HD22	10	1.22
(18,2043)	1:27:A:ARG:HB3	1:30:A:LEU:HD23	10	1.22
(18,1898)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	3	1.22
(18,1898)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	3	1.22
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD1	16	1.22
(18,1792)	1:101:A:ILE:HG13	1:104:A:PHE:HD2	16	1.22
(18,1731)	1:112:A:GLN:HG2	1:113:A:PHE:HA	11	1.22
(18,1731)	1:112:A:GLN:HG3	1:113:A:PHE:HA	11	1.22
(18,1731)	1:112:A:GLN:HG2	1:113:A:PHE:HA	18	1.22
(18,1731)	1:112:A:GLN:HG3	1:113:A:PHE:HA	18	1.22
(18,1606)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	16	1.22
(18,1606)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	16	1.22
(18,1606)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	16	1.22
(18,1606)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	16	1.22
(18,1606)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	16	1.22
(18,1606)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	16	1.22
(18,1604)	1:16:A:SER:HB2	1:19:A:ALA:HB1	11	1.22
(18,1604)	1:16:A:SER:HB2	1:19:A:ALA:HB2	11	1.22
(18,1604)	1:16:A:SER:HB2	1:19:A:ALA:HB3	11	1.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	1	1.22
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	1	1.22
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	1	1.22
(18,44)	1:98:A:ILE:H	1:104:A:PHE:HB2	3	1.22
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	1	1.22
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	1	1.22
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	1	1.22
(17,1669)	1:132:A:ALA:HA	1:134:A:VAL:HG21	11	1.22
(17,1669)	1:132:A:ALA:HA	1:134:A:VAL:HG22	11	1.22
(17,1669)	1:132:A:ALA:HA	1:134:A:VAL:HG23	11	1.22
(17,1662)	1:97:A:ASP:HB2	1:102:A:PRO:HA	19	1.22
(17,1662)	1:97:A:ASP:HB3	1:102:A:PRO:HA	19	1.22
(17,1657)	1:18:A:PHE:HZ	1:60:A:LEU:HA	2	1.22
(17,1643)	1:13:A:ALA:HA	1:80:A:TYR:HB3	9	1.22
(17,1635)	1:16:A:SER:HB2	1:19:A:ALA:HB1	11	1.22
(17,1635)	1:16:A:SER:HB2	1:19:A:ALA:HB2	11	1.22
(17,1635)	1:16:A:SER:HB2	1:19:A:ALA:HB3	11	1.22
(17,1392)	1:132:A:ALA:HA	1:134:A:VAL:HG11	9	1.22
(17,1392)	1:132:A:ALA:HA	1:134:A:VAL:HG12	9	1.22
(17,1392)	1:132:A:ALA:HA	1:134:A:VAL:HG13	9	1.22
(17,1356)	1:17:A:ASN:HA	1:76:A:ARG:HA	13	1.22
(17,556)	1:10:A:ASN:HD21	1:14:A:VAL:HB	7	1.22
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	1	1.22
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	1	1.22
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	1	1.22
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG21	10	1.22
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG22	10	1.22
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG23	10	1.22
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG21	10	1.22
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG22	10	1.22
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG23	10	1.22
(16,1643)	1:132:A:ALA:HA	1:134:A:VAL:HG11	9	1.22
(16,1643)	1:132:A:ALA:HA	1:134:A:VAL:HG12	9	1.22
(16,1643)	1:132:A:ALA:HA	1:134:A:VAL:HG13	9	1.22
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG11	15	1.22
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG12	15	1.22
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG13	15	1.22
(16,1607)	1:16:A:SER:HB2	1:19:A:ALA:HB1	11	1.22
(16,1607)	1:16:A:SER:HB2	1:19:A:ALA:HB2	11	1.22
(16,1607)	1:16:A:SER:HB2	1:19:A:ALA:HB3	11	1.22
(16,1475)	1:95:A:ILE:HG21	1:97:A:ASP:H	18	1.22
(16,1475)	1:95:A:ILE:HG22	1:97:A:ASP:H	18	1.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1475)	1:95:A:ILE:HG23	1:97:A:ASP:H	18	1.22
(16,1332)	1:106:A:ASP:HA	1:112:A:GLN:HE21	11	1.22
(16,1198)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	11	1.22
(16,1198)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	11	1.22
(16,1198)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	11	1.22
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD11	8	1.22
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD12	8	1.22
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD13	8	1.22
(15,2036)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	3	1.22
(15,2036)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	3	1.22
(15,2036)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	3	1.22
(15,2036)	1:31:A:PRO:HD2	1:144:A:LEU:HD21	3	1.22
(15,2036)	1:31:A:PRO:HD2	1:144:A:LEU:HD22	3	1.22
(15,2036)	1:31:A:PRO:HD2	1:144:A:LEU:HD23	3	1.22
(15,2036)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	3	1.22
(15,2036)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	3	1.22
(15,2036)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	3	1.22
(15,2036)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	3	1.22
(15,2036)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	3	1.22
(15,2036)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	3	1.22
(15,1874)	1:18:A:PHE:HE1	1:61:A:SER:H	11	1.22
(15,1874)	1:18:A:PHE:HE2	1:61:A:SER:H	11	1.22
(15,1640)	1:97:A:ASP:HB2	1:102:A:PRO:HA	19	1.22
(15,1640)	1:97:A:ASP:HB3	1:102:A:PRO:HA	19	1.22
(15,1634)	1:18:A:PHE:HZ	1:60:A:LEU:HA	2	1.22
(15,1611)	1:16:A:SER:HB2	1:19:A:ALA:HB1	11	1.22
(15,1611)	1:16:A:SER:HB2	1:19:A:ALA:HB2	11	1.22
(15,1611)	1:16:A:SER:HB2	1:19:A:ALA:HB3	11	1.22
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD21	14	1.22
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD22	14	1.22
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD23	14	1.22
(15,1327)	1:106:A:ASP:HA	1:112:A:GLN:HE21	9	1.22
(15,1192)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	11	1.22
(15,1192)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	11	1.22
(15,1192)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	11	1.22
(15,990)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	15	1.22
(15,990)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	15	1.22
(15,967)	1:33:A:LYS:HB2	1:80:A:TYR:HB2	15	1.22
(15,967)	1:33:A:LYS:HB3	1:80:A:TYR:HB2	15	1.22
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	7	1.22
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	7	1.22
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	7	1.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	7	1.22
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	7	1.22
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	7	1.22
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	7	1.22
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	7	1.22
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	7	1.22
(15,594)	1:75:A:GLY:H	1:77:A:CYS:HB3	6	1.22
(15,448)	1:76:A:ARG:H	1:77:A:CYS:HB2	15	1.22
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG21	3	1.22
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG22	3	1.22
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG23	3	1.22
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG21	3	1.22
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG22	3	1.22
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG23	3	1.22
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG21	3	1.22
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG22	3	1.22
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG23	3	1.22
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG21	3	1.22
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG22	3	1.22
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG23	3	1.22
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG21	3	1.22
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG22	3	1.22
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG23	3	1.22
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG21	3	1.22
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG22	3	1.22
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG23	3	1.22
(13,1588)	1:16:A:SER:HB2	1:19:A:ALA:HB1	11	1.22
(13,1588)	1:16:A:SER:HB2	1:19:A:ALA:HB2	11	1.22
(13,1588)	1:16:A:SER:HB2	1:19:A:ALA:HB3	11	1.22
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	18	1.22
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	18	1.22
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	18	1.22
(13,1168)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	11	1.22
(13,1168)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	11	1.22
(13,1168)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	11	1.22
(11,2094)	1:35:A:LEU:HD11	1:143:A:TRP:HA	16	1.22
(11,2094)	1:35:A:LEU:HD12	1:143:A:TRP:HA	16	1.22
(11,2094)	1:35:A:LEU:HD13	1:143:A:TRP:HA	16	1.22
(11,2094)	1:35:A:LEU:HD21	1:143:A:TRP:HA	16	1.22
(11,2094)	1:35:A:LEU:HD22	1:143:A:TRP:HA	16	1.22
(11,2094)	1:35:A:LEU:HD23	1:143:A:TRP:HA	16	1.22
(11,1942)	1:14:A:VAL:HB	1:18:A:PHE:HZ	11	1.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1679)	1:97:A:ASP:HB2	1:102:A:PRO:HA	19	1.22
(11,1679)	1:97:A:ASP:HB3	1:102:A:PRO:HA	19	1.22
(11,1659)	1:13:A:ALA:HA	1:80:A:TYR:HB3	9	1.22
(11,1651)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	17	1.22
(11,1651)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	17	1.22
(11,1651)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	17	1.22
(11,1651)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	17	1.22
(11,1651)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	17	1.22
(11,1651)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	17	1.22
(11,1649)	1:16:A:SER:HB2	1:19:A:ALA:HB1	11	1.22
(11,1649)	1:16:A:SER:HB2	1:19:A:ALA:HB2	11	1.22
(11,1649)	1:16:A:SER:HB2	1:19:A:ALA:HB3	11	1.22
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	19	1.22
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	19	1.22
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	19	1.22
(11,1347)	1:106:A:ASP:HA	1:112:A:GLN:HE21	11	1.22
(11,1255)	1:39:A:VAL:H	1:139:A:LEU:HD21	17	1.22
(11,1255)	1:39:A:VAL:H	1:139:A:LEU:HD22	17	1.22
(11,1255)	1:39:A:VAL:H	1:139:A:LEU:HD23	17	1.22
(11,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	11	1.22
(11,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	11	1.22
(11,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	11	1.22
(11,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	11	1.22
(11,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	11	1.22
(11,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	11	1.22
(11,1202)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	11	1.22
(11,1202)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	11	1.22
(11,1202)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	11	1.22
(11,1001)	1:35:A:LEU:HG	1:143:A:TRP:HB3	5	1.22
(11,997)	1:12:A:VAL:HB	1:43:A:MET:HE1	15	1.22
(11,997)	1:12:A:VAL:HB	1:43:A:MET:HE2	15	1.22
(11,997)	1:12:A:VAL:HB	1:43:A:MET:HE3	15	1.22
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	11	1.22
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	11	1.22
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	11	1.22
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	11	1.22
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	11	1.22
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	11	1.22
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	16	1.22
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	16	1.22
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	16	1.22
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	16	1.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	16	1.22
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	16	1.22
(11,324)	1:44:A:GLU:HG2	1:46:A:ASN:H	19	1.22
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	1	1.22
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	1	1.22
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	1	1.22
(9,1451)	1:13:A:ALA:HB1	1:78:A:HIS:HA	18	1.22
(9,1451)	1:13:A:ALA:HB2	1:78:A:HIS:HA	18	1.22
(9,1451)	1:13:A:ALA:HB3	1:78:A:HIS:HA	18	1.22
(9,1326)	1:106:A:ASP:HA	1:112:A:GLN:HE21	11	1.22
(9,1194)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	11	1.22
(9,1194)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	11	1.22
(9,1194)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	11	1.22
(9,934)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	19	1.22
(9,934)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	19	1.22
(9,934)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	19	1.22
(9,934)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	19	1.22
(9,934)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	19	1.22
(9,934)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	19	1.22
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD11	2	1.22
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD12	2	1.22
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD13	2	1.22
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD21	2	1.22
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD22	2	1.22
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD23	2	1.22
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD11	5	1.22
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD12	5	1.22
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD13	5	1.22
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD21	5	1.22
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD22	5	1.22
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD23	5	1.22
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	3	1.22
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	3	1.22
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	3	1.22
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	3	1.22
(7,1616)	1:97:A:ASP:HB2	1:102:A:PRO:HA	19	1.22
(7,1616)	1:97:A:ASP:HB3	1:102:A:PRO:HA	19	1.22
(7,1599)	1:13:A:ALA:HA	1:80:A:TYR:HB3	9	1.22
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	19	1.22
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	19	1.22
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	19	1.22
(7,970)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	15	1.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,970)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	15	1.22
(7,797)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	17	1.22
(7,732)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	10	1.22
(7,629)	1:9:A:PHE:HZ	1:58:A:ILE:H	14	1.22
(7,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	13	1.22
(6,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	7	1.22
(6,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	7	1.22
(6,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	7	1.22
(6,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	7	1.22
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE1	16	1.22
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE2	16	1.22
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE1	16	1.22
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE2	16	1.22
(6,2004)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	14	1.22
(6,2004)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	14	1.22
(6,2004)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	14	1.22
(6,2004)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	14	1.22
(6,2004)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	14	1.22
(6,2004)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	14	1.22
(6,1915)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	3	1.22
(6,1915)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	3	1.22
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	1	1.22
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	1	1.22
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	1	1.22
(6,1647)	1:97:A:ASP:HB2	1:102:A:PRO:HA	19	1.22
(6,1647)	1:97:A:ASP:HB3	1:102:A:PRO:HA	19	1.22
(6,1625)	1:13:A:ALA:HA	1:80:A:TYR:HB3	9	1.22
(6,1618)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	17	1.22
(6,1618)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	17	1.22
(6,1618)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	17	1.22
(6,1618)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	17	1.22
(6,1618)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	17	1.22
(6,1618)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	17	1.22
(6,1340)	1:17:A:ASN:HA	1:76:A:ARG:HA	13	1.22
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	5	1.22
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	5	1.22
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	5	1.22
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD11	17	1.22
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD12	17	1.22
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD13	17	1.22
(6,819)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	5	1.22
(6,819)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	5	1.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,819)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	5	1.22
(6,819)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	5	1.22
(6,819)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	5	1.22
(6,819)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	5	1.22
(6,814)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	3	1.22
(6,814)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	3	1.22
(6,814)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	3	1.22
(6,217)	1:44:A:GLU:HG2	1:48:A:ARG:H	13	1.22
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	3	1.22
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	3	1.22
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	3	1.22
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	3	1.22
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	3	1.22
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	3	1.22
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	3	1.22
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	3	1.22
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	3	1.22
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	3	1.22
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	3	1.22
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	3	1.22
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	9	1.22
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	9	1.22
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	9	1.22
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	9	1.22
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	9	1.22
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	9	1.22
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	9	1.22
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	9	1.22
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	9	1.22
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	9	1.22
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	9	1.22
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	9	1.22
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	9	1.22
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	9	1.22
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	9	1.22
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	9	1.22
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	9	1.22
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	9	1.22
(5,1928)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	3	1.22
(5,1928)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	3	1.22
(5,1884)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	8	1.22
(5,1752)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	1	1.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1752)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	1	1.22
(5,1752)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	1	1.22
(5,1658)	1:97:A:ASP:HB2	1:102:A:PRO:HA	19	1.22
(5,1658)	1:97:A:ASP:HB3	1:102:A:PRO:HA	19	1.22
(5,1641)	1:13:A:ALA:HA	1:80:A:TYR:HB3	9	1.22
(5,1634)	1:16:A:SER:HB2	1:19:A:ALA:HB1	11	1.22
(5,1634)	1:16:A:SER:HB2	1:19:A:ALA:HB2	11	1.22
(5,1634)	1:16:A:SER:HB2	1:19:A:ALA:HB3	11	1.22
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD11	12	1.22
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD12	12	1.22
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD13	12	1.22
(5,1419)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	2	1.22
(5,1419)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	2	1.22
(5,1419)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	2	1.22
(5,1319)	1:66:A:THR:HG21	1:95:A:ILE:HA	9	1.22
(5,1319)	1:66:A:THR:HG22	1:95:A:ILE:HA	9	1.22
(5,1319)	1:66:A:THR:HG23	1:95:A:ILE:HA	9	1.22
(5,1319)	1:66:A:THR:HG21	1:95:A:ILE:HA	17	1.22
(5,1319)	1:66:A:THR:HG22	1:95:A:ILE:HA	17	1.22
(5,1319)	1:66:A:THR:HG23	1:95:A:ILE:HA	17	1.22
(5,896)	1:21:A:THR:HB	1:24:A:ASP:H	15	1.22
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	1	1.22
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	1	1.22
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	1	1.22
(5,74)	1:28:A:GLY:HA2	1:30:A:LEU:H	15	1.22
(5,74)	1:28:A:GLY:HA3	1:30:A:LEU:H	15	1.22
(4,1897)	1:14:A:VAL:HB	1:18:A:PHE:HZ	11	1.22
(4,1867)	1:18:A:PHE:HE1	1:61:A:SER:H	11	1.22
(4,1867)	1:18:A:PHE:HE2	1:61:A:SER:H	11	1.22
(4,1621)	1:97:A:ASP:HB2	1:102:A:PRO:HA	19	1.22
(4,1621)	1:97:A:ASP:HB3	1:102:A:PRO:HA	19	1.22
(4,1615)	1:18:A:PHE:HZ	1:60:A:LEU:HA	2	1.22
(4,1597)	1:16:A:SER:HB2	1:19:A:ALA:HB1	11	1.22
(4,1597)	1:16:A:SER:HB2	1:19:A:ALA:HB2	11	1.22
(4,1597)	1:16:A:SER:HB2	1:19:A:ALA:HB3	11	1.22
(4,1330)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	2	1.22
(4,1330)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	2	1.22
(4,1330)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	2	1.22
(4,1322)	1:105:A:LYS:HD2	1:106:A:ASP:HA	1	1.22
(4,1322)	1:105:A:LYS:HD3	1:106:A:ASP:HA	1	1.22
(4,1185)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	11	1.22
(4,1185)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	11	1.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1185)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	11	1.22
(4,1185)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	11	1.22
(4,1185)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	11	1.22
(4,1185)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	11	1.22
(4,975)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	15	1.22
(4,975)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	15	1.22
(4,729)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	10	1.22
(4,581)	1:70:A:LYS:HB2	1:75:A:GLY:H	6	1.22
(4,581)	1:70:A:LYS:HB3	1:75:A:GLY:H	6	1.22
(4,213)	1:44:A:GLU:HG2	1:48:A:ARG:H	8	1.22
(3,1689)	1:69:A:MET:HE1	1:116:A:GLN:HG3	2	1.22
(3,1689)	1:69:A:MET:HE2	1:116:A:GLN:HG3	2	1.22
(3,1689)	1:69:A:MET:HE3	1:116:A:GLN:HG3	2	1.22
(3,1679)	1:134:A:VAL:HG11	1:137:A:SER:H	5	1.22
(3,1679)	1:134:A:VAL:HG12	1:137:A:SER:H	5	1.22
(3,1679)	1:134:A:VAL:HG13	1:137:A:SER:H	5	1.22
(3,1676)	1:97:A:ASP:HB2	1:102:A:PRO:HA	19	1.22
(3,1676)	1:97:A:ASP:HB3	1:102:A:PRO:HA	19	1.22
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	19	1.22
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	19	1.22
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	19	1.22
(3,1368)	1:17:A:ASN:HA	1:76:A:ARG:HA	13	1.22
(3,1355)	1:106:A:ASP:HA	1:112:A:GLN:HE21	11	1.22
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	11	1.22
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	11	1.22
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	11	1.22
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	11	1.22
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	11	1.22
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	11	1.22
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	16	1.22
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	16	1.22
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	16	1.22
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	16	1.22
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	16	1.22
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	16	1.22
(3,848)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	14	1.22
(3,848)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	14	1.22
(3,848)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	14	1.22
(3,848)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	14	1.22
(3,848)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	14	1.22
(3,848)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	14	1.22
(3,755)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	10	1.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,638)	1:9:A:PHE:HZ	1:58:A:ILE:H	14	1.22
(2,2061)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	10	1.22
(2,2061)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	10	1.22
(2,2061)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	10	1.22
(2,2061)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	10	1.22
(2,2061)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	10	1.22
(2,2061)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	10	1.22
(2,2061)	1:27:A:ARG:HB3	1:30:A:LEU:HD11	10	1.22
(2,2061)	1:27:A:ARG:HB3	1:30:A:LEU:HD12	10	1.22
(2,2061)	1:27:A:ARG:HB3	1:30:A:LEU:HD13	10	1.22
(2,2061)	1:27:A:ARG:HB3	1:30:A:LEU:HD21	10	1.22
(2,2061)	1:27:A:ARG:HB3	1:30:A:LEU:HD22	10	1.22
(2,2061)	1:27:A:ARG:HB3	1:30:A:LEU:HD23	10	1.22
(2,1633)	1:16:A:SER:HB2	1:19:A:ALA:HB1	11	1.22
(2,1633)	1:16:A:SER:HB2	1:19:A:ALA:HB2	11	1.22
(2,1633)	1:16:A:SER:HB2	1:19:A:ALA:HB3	11	1.22
(2,1345)	1:17:A:ASN:HA	1:76:A:ARG:HA	13	1.22
(2,983)	1:12:A:VAL:HB	1:43:A:MET:HE1	15	1.22
(2,983)	1:12:A:VAL:HB	1:43:A:MET:HE2	15	1.22
(2,983)	1:12:A:VAL:HB	1:43:A:MET:HE3	15	1.22
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD21	19	1.22
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD22	19	1.22
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD23	19	1.22
(1,2269)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	11	1.22
(1,2269)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	11	1.22
(1,2269)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	11	1.22
(1,2269)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	11	1.22
(1,2269)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	11	1.22
(1,2269)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	11	1.22
(1,2269)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	11	1.22
(1,2269)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	11	1.22
(1,2269)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	11	1.22
(1,2269)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	11	1.22
(1,2269)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	11	1.22
(1,2269)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	11	1.22
(1,1655)	1:97:A:ASP:HB2	1:102:A:PRO:HA	19	1.22
(1,1655)	1:97:A:ASP:HB3	1:102:A:PRO:HA	19	1.22
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	19	1.22
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	19	1.22
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	19	1.22
(1,1332)	1:106:A:ASP:HA	1:112:A:GLN:HE21	9	1.22
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	7	1.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	7	1.22
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	7	1.22
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	7	1.22
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	7	1.22
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	7	1.22
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	7	1.22
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	7	1.22
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	7	1.22
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD11	8	1.21
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD12	8	1.21
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD13	8	1.21
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD21	8	1.21
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD22	8	1.21
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD23	8	1.21
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD11	8	1.21
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD12	8	1.21
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD13	8	1.21
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD21	8	1.21
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD22	8	1.21
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD23	8	1.21
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD11	8	1.21
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD12	8	1.21
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD13	8	1.21
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD21	8	1.21
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD22	8	1.21
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD23	8	1.21
(34,1997)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	14	1.21
(34,1997)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	14	1.21
(34,1997)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	14	1.21
(34,1997)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	14	1.21
(34,1997)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	14	1.21
(34,1997)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	14	1.21
(34,1895)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	17	1.21
(34,1895)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	17	1.21
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD2	12	1.21
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD3	12	1.21
(34,876)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	3	1.21
(34,876)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	3	1.21
(34,876)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	3	1.21
(34,701)	1:54:A:ARG:HD2	1:56:A:CYS:H	16	1.21
(34,701)	1:54:A:ARG:HD3	1:56:A:CYS:H	16	1.21
(34,530)	1:70:A:LYS:HG3	1:71:A:LYS:H	8	1.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,467)	1:18:A:PHE:H	1:113:A:PHE:HE1	19	1.21
(34,467)	1:18:A:PHE:H	1:113:A:PHE:HE2	19	1.21
(34,344)	1:57:A:LEU:H	1:58:A:ILE:HG13	12	1.21
(34,180)	1:8:A:ASP:H	1:58:A:ILE:HG13	12	1.21
(33,2499)	1:144:A:LEU:HD11	1:147:A:ARG:HE	2	1.21
(33,2499)	1:144:A:LEU:HD12	1:147:A:ARG:HE	2	1.21
(33,2499)	1:144:A:LEU:HD13	1:147:A:ARG:HE	2	1.21
(33,2499)	1:144:A:LEU:HD21	1:147:A:ARG:HE	2	1.21
(33,2499)	1:144:A:LEU:HD22	1:147:A:ARG:HE	2	1.21
(33,2499)	1:144:A:LEU:HD23	1:147:A:ARG:HE	2	1.21
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	18	1.21
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	18	1.21
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	18	1.21
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	18	1.21
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	18	1.21
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	18	1.21
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	18	1.21
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	18	1.21
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	18	1.21
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	18	1.21
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	18	1.21
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	18	1.21
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD1	15	1.21
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD2	15	1.21
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD1	15	1.21
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD2	15	1.21
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG21	16	1.21
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG22	16	1.21
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG23	16	1.21
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG21	16	1.21
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG22	16	1.21
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG23	16	1.21
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG21	16	1.21
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG22	16	1.21
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG23	16	1.21
(33,1388)	1:19:A:ALA:HB1	1:132:A:ALA:HA	19	1.21
(33,1388)	1:19:A:ALA:HB2	1:132:A:ALA:HA	19	1.21
(33,1388)	1:19:A:ALA:HB3	1:132:A:ALA:HA	19	1.21
(33,1274)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	4	1.21
(33,1274)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	4	1.21
(33,1274)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	4	1.21
(33,1274)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	4	1.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1274)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	4	1.21
(33,1274)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	4	1.21
(33,981)	1:15:A:ALA:HB1	1:134:A:VAL:HB	10	1.21
(33,981)	1:15:A:ALA:HB2	1:134:A:VAL:HB	10	1.21
(33,981)	1:15:A:ALA:HB3	1:134:A:VAL:HB	10	1.21
(33,691)	1:54:A:ARG:HD2	1:56:A:CYS:H	16	1.21
(33,691)	1:54:A:ARG:HD3	1:56:A:CYS:H	16	1.21
(33,172)	1:8:A:ASP:H	1:58:A:ILE:HG13	12	1.21
(32,2487)	1:144:A:LEU:HD11	1:146:A:GLN:HG2	8	1.21
(32,2487)	1:144:A:LEU:HD11	1:146:A:GLN:HG3	8	1.21
(32,2487)	1:144:A:LEU:HD12	1:146:A:GLN:HG2	8	1.21
(32,2487)	1:144:A:LEU:HD12	1:146:A:GLN:HG3	8	1.21
(32,2487)	1:144:A:LEU:HD13	1:146:A:GLN:HG2	8	1.21
(32,2487)	1:144:A:LEU:HD13	1:146:A:GLN:HG3	8	1.21
(32,2487)	1:144:A:LEU:HD21	1:146:A:GLN:HG2	8	1.21
(32,2487)	1:144:A:LEU:HD21	1:146:A:GLN:HG3	8	1.21
(32,2487)	1:144:A:LEU:HD22	1:146:A:GLN:HG2	8	1.21
(32,2487)	1:144:A:LEU:HD22	1:146:A:GLN:HG3	8	1.21
(32,2487)	1:144:A:LEU:HD23	1:146:A:GLN:HG2	8	1.21
(32,2487)	1:144:A:LEU:HD23	1:146:A:GLN:HG3	8	1.21
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG21	16	1.21
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG22	16	1.21
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG23	16	1.21
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG21	16	1.21
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG22	16	1.21
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG23	16	1.21
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG21	16	1.21
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG22	16	1.21
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG23	16	1.21
(32,1357)	1:19:A:ALA:HB1	1:132:A:ALA:HA	11	1.21
(32,1357)	1:19:A:ALA:HB2	1:132:A:ALA:HA	11	1.21
(32,1357)	1:19:A:ALA:HB3	1:132:A:ALA:HA	11	1.21
(32,446)	1:18:A:PHE:H	1:113:A:PHE:HE1	19	1.21
(32,446)	1:18:A:PHE:H	1:113:A:PHE:HE2	19	1.21
(30,2277)	1:75:A:GLY:HA2	1:77:A:CYS:HB2	7	1.21
(30,2277)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	7	1.21
(30,1888)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	17	1.21
(30,1888)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	17	1.21
(30,1868)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	17	1.21
(30,1868)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	17	1.21
(30,1087)	1:136:A:CYS:HB3	1:141:A:LYS:HA	2	1.21
(30,693)	1:54:A:ARG:HD2	1:56:A:CYS:H	16	1.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,693)	1:54:A:ARG:HD3	1:56:A:CYS:H	16	1.21
(30,461)	1:18:A:PHE:H	1:113:A:PHE:HE1	19	1.21
(30,461)	1:18:A:PHE:H	1:113:A:PHE:HE2	19	1.21
(30,337)	1:57:A:LEU:H	1:58:A:ILE:HG13	12	1.21
(29,1905)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	17	1.21
(29,1905)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	17	1.21
(29,1713)	1:52:A:CYS:HA	1:124:A:THR:HB	2	1.21
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG11	8	1.21
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG12	8	1.21
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG13	8	1.21
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG11	12	1.21
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG12	12	1.21
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG13	12	1.21
(29,1641)	1:13:A:ALA:HA	1:80:A:TYR:HB3	17	1.21
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	12	1.21
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	12	1.21
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	12	1.21
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	8	1.21
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	8	1.21
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	8	1.21
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	8	1.21
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	8	1.21
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	8	1.21
(29,700)	1:54:A:ARG:HD2	1:56:A:CYS:H	16	1.21
(29,700)	1:54:A:ARG:HD3	1:56:A:CYS:H	16	1.21
(29,464)	1:18:A:PHE:H	1:113:A:PHE:HE1	19	1.21
(29,464)	1:18:A:PHE:H	1:113:A:PHE:HE2	19	1.21
(19,11)	1:127:A:CYS:SG	1:56:A:CYS:CB	10	1.21
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD11	8	1.21
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD12	8	1.21
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD13	8	1.21
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD21	8	1.21
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD22	8	1.21
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD23	8	1.21
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD11	8	1.21
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD12	8	1.21
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD13	8	1.21
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD21	8	1.21
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD22	8	1.21
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD23	8	1.21
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD11	8	1.21
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD12	8	1.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD13	8	1.21
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD21	8	1.21
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD22	8	1.21
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD23	8	1.21
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD11	11	1.21
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD12	11	1.21
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD13	11	1.21
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD21	11	1.21
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD22	11	1.21
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD23	11	1.21
(18,1875)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	17	1.21
(18,1875)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	17	1.21
(18,1851)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	17	1.21
(18,1851)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	17	1.21
(18,1731)	1:112:A:GLN:HG2	1:113:A:PHE:HA	1	1.21
(18,1731)	1:112:A:GLN:HG3	1:113:A:PHE:HA	1	1.21
(18,1731)	1:112:A:GLN:HG2	1:113:A:PHE:HA	3	1.21
(18,1731)	1:112:A:GLN:HG3	1:113:A:PHE:HA	3	1.21
(18,843)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	3	1.21
(18,843)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	3	1.21
(18,843)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	3	1.21
(18,843)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	3	1.21
(18,843)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	3	1.21
(18,843)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	3	1.21
(18,774)	1:32:A:GLY:HA2	1:34:A:LYS:H	6	1.21
(18,706)	1:54:A:ARG:HD2	1:56:A:CYS:H	16	1.21
(18,706)	1:54:A:ARG:HD3	1:56:A:CYS:H	16	1.21
(17,1904)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	17	1.21
(17,1904)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	17	1.21
(17,1754)	1:31:A:PRO:HB2	1:35:A:LEU:HA	12	1.21
(17,1754)	1:31:A:PRO:HB3	1:35:A:LEU:HA	12	1.21
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD21	13	1.21
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD22	13	1.21
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD23	13	1.21
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD21	13	1.21
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD22	13	1.21
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD23	13	1.21
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD21	13	1.21
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD22	13	1.21
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD23	13	1.21
(17,1129)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	16	1.21
(17,1129)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	16	1.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,982)	1:47:A:ALA:HB1	1:134:A:VAL:HB	15	1.21
(17,982)	1:47:A:ALA:HB2	1:134:A:VAL:HB	15	1.21
(17,982)	1:47:A:ALA:HB3	1:134:A:VAL:HB	15	1.21
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	11	1.21
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	11	1.21
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	11	1.21
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	11	1.21
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	11	1.21
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	11	1.21
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	19	1.21
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	19	1.21
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	19	1.21
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	19	1.21
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	19	1.21
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	19	1.21
(17,692)	1:54:A:ARG:HD2	1:56:A:CYS:H	16	1.21
(17,692)	1:54:A:ARG:HD3	1:56:A:CYS:H	16	1.21
(17,454)	1:18:A:PHE:H	1:113:A:PHE:HE1	19	1.21
(17,454)	1:18:A:PHE:H	1:113:A:PHE:HE2	19	1.21
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG11	4	1.21
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG12	4	1.21
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG13	4	1.21
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG21	4	1.21
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG22	4	1.21
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG23	4	1.21
(16,2141)	1:40:A:LEU:HD11	1:43:A:MET:HG3	7	1.21
(16,2141)	1:40:A:LEU:HD12	1:43:A:MET:HG3	7	1.21
(16,2141)	1:40:A:LEU:HD13	1:43:A:MET:HG3	7	1.21
(16,2141)	1:40:A:LEU:HD21	1:43:A:MET:HG3	7	1.21
(16,2141)	1:40:A:LEU:HD22	1:43:A:MET:HG3	7	1.21
(16,2141)	1:40:A:LEU:HD23	1:43:A:MET:HG3	7	1.21
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG21	16	1.21
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG22	16	1.21
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG23	16	1.21
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG21	16	1.21
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG22	16	1.21
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG23	16	1.21
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG21	16	1.21
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG22	16	1.21
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG23	16	1.21
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG11	8	1.21
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG12	8	1.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG13	8	1.21
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG11	12	1.21
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG12	12	1.21
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG13	12	1.21
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	16	1.21
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	16	1.21
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	16	1.21
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	16	1.21
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	16	1.21
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	16	1.21
(16,1475)	1:95:A:ILE:HG21	1:97:A:ASP:H	8	1.21
(16,1475)	1:95:A:ILE:HG22	1:97:A:ASP:H	8	1.21
(16,1475)	1:95:A:ILE:HG23	1:97:A:ASP:H	8	1.21
(16,1013)	1:35:A:LEU:HG	1:143:A:TRP:HB3	15	1.21
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD11	9	1.21
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD12	9	1.21
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD13	9	1.21
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD11	9	1.21
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD12	9	1.21
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD13	9	1.21
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	11	1.21
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	11	1.21
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	11	1.21
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	11	1.21
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	11	1.21
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	11	1.21
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	19	1.21
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	19	1.21
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	19	1.21
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	19	1.21
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	19	1.21
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	19	1.21
(16,700)	1:54:A:ARG:HD2	1:56:A:CYS:H	16	1.21
(16,700)	1:54:A:ARG:HD3	1:56:A:CYS:H	16	1.21
(16,179)	1:8:A:ASP:H	1:58:A:ILE:HG13	12	1.21
(15,2100)	1:40:A:LEU:HA	1:44:A:GLU:HG2	11	1.21
(15,2100)	1:40:A:LEU:HA	1:44:A:GLU:HG3	11	1.21
(15,1892)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	3	1.21
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	17	1.21
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	17	1.21
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	17	1.21
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	17	1.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	2	1.21
(15,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	2	1.21
(15,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	2	1.21
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	19	1.21
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	19	1.21
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	19	1.21
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	19	1.21
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	19	1.21
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	19	1.21
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	19	1.21
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	19	1.21
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	19	1.21
(15,812)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	5	1.21
(15,812)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	5	1.21
(15,812)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	5	1.21
(15,675)	1:63:A:ILE:HG12	1:117:A:VAL:H	13	1.21
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD21	10	1.21
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD22	10	1.21
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD23	10	1.21
(15,180)	1:8:A:ASP:H	1:58:A:ILE:HG13	12	1.21
(13,2077)	1:40:A:LEU:HA	1:44:A:GLU:HG2	11	1.21
(13,2077)	1:40:A:LEU:HA	1:44:A:GLU:HG3	11	1.21
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD11	8	1.21
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD12	8	1.21
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD13	8	1.21
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD21	8	1.21
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD22	8	1.21
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD23	8	1.21
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD11	8	1.21
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD12	8	1.21
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD13	8	1.21
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD21	8	1.21
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD22	8	1.21
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD23	8	1.21
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD11	8	1.21
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD12	8	1.21
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD13	8	1.21
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD21	8	1.21
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD22	8	1.21
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD23	8	1.21
(13,1826)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	17	1.21
(13,1826)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	17	1.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG11	8	1.21
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG12	8	1.21
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG13	8	1.21
(13,1209)	1:43:A:MET:HG2	1:140:A:LEU:HD11	9	1.21
(13,1209)	1:43:A:MET:HG2	1:140:A:LEU:HD12	9	1.21
(13,1209)	1:43:A:MET:HG2	1:140:A:LEU:HD13	9	1.21
(13,678)	1:54:A:ARG:HD2	1:56:A:CYS:H	16	1.21
(13,678)	1:54:A:ARG:HD3	1:56:A:CYS:H	16	1.21
(13,332)	1:57:A:LEU:H	1:58:A:ILE:HG13	12	1.21
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	16	1.21
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	16	1.21
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	16	1.21
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	16	1.21
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	16	1.21
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	16	1.21
(11,1906)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	17	1.21
(11,1906)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	17	1.21
(11,692)	1:54:A:ARG:HD2	1:56:A:CYS:H	16	1.21
(11,692)	1:54:A:ARG:HD3	1:56:A:CYS:H	16	1.21
(9,1886)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	17	1.21
(9,1886)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	17	1.21
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD2	12	1.21
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD3	12	1.21
(9,845)	1:60:A:LEU:HB3	1:63:A:ILE:HG13	11	1.21
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	11	1.21
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	11	1.21
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	11	1.21
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	11	1.21
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	11	1.21
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	11	1.21
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	19	1.21
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	19	1.21
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	19	1.21
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	19	1.21
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	19	1.21
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	19	1.21
(9,346)	1:57:A:LEU:H	1:58:A:ILE:HG13	12	1.21
(9,177)	1:8:A:ASP:H	1:58:A:ILE:HG13	12	1.21
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD11	12	1.21
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD12	12	1.21
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD13	12	1.21
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD21	12	1.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD22	12	1.21
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD23	12	1.21
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD11	6	1.21
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD12	6	1.21
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD13	6	1.21
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD21	6	1.21
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD22	6	1.21
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD23	6	1.21
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD11	6	1.21
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD12	6	1.21
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD13	6	1.21
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD21	6	1.21
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD22	6	1.21
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD23	6	1.21
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD11	15	1.21
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD12	15	1.21
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD13	15	1.21
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD21	15	1.21
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD22	15	1.21
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD23	15	1.21
(7,1838)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	17	1.21
(7,1838)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	17	1.21
(7,1183)	1:13:A:ALA:H	1:40:A:LEU:HD21	7	1.21
(7,1183)	1:13:A:ALA:H	1:40:A:LEU:HD22	7	1.21
(7,1183)	1:13:A:ALA:H	1:40:A:LEU:HD23	7	1.21
(7,995)	1:79:A:THR:HG21	1:81:A:GLU:HB2	2	1.21
(7,995)	1:79:A:THR:HG22	1:81:A:GLU:HB2	2	1.21
(7,995)	1:79:A:THR:HG23	1:81:A:GLU:HB2	2	1.21
(7,960)	1:15:A:ALA:HB1	1:134:A:VAL:HB	10	1.21
(7,960)	1:15:A:ALA:HB2	1:134:A:VAL:HB	10	1.21
(7,960)	1:15:A:ALA:HB3	1:134:A:VAL:HB	10	1.21
(7,688)	1:54:A:ARG:HD2	1:56:A:CYS:H	16	1.21
(7,688)	1:54:A:ARG:HD3	1:56:A:CYS:H	16	1.21
(7,484)	1:145:A:PRO:HB3	1:148:A:CYS:H	1	1.21
(7,460)	1:18:A:PHE:H	1:113:A:PHE:HE1	19	1.21
(7,460)	1:18:A:PHE:H	1:113:A:PHE:HE2	19	1.21
(7,334)	1:57:A:LEU:H	1:58:A:ILE:HG13	12	1.21
(7,44)	1:44:A:GLU:HG2	1:47:A:ALA:H	13	1.21
(6,1897)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	17	1.21
(6,1897)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	17	1.21
(6,1872)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	17	1.21
(6,1872)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	17	1.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	14	1.21
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	14	1.21
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	14	1.21
(6,1255)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	4	1.21
(6,1255)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	4	1.21
(6,1255)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	4	1.21
(6,1255)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	4	1.21
(6,1255)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	4	1.21
(6,1255)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	4	1.21
(6,1168)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	11	1.21
(6,1168)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	11	1.21
(6,1168)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	11	1.21
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD11	5	1.21
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD12	5	1.21
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD13	5	1.21
(6,963)	1:15:A:ALA:HB1	1:134:A:VAL:HB	10	1.21
(6,963)	1:15:A:ALA:HB2	1:134:A:VAL:HB	10	1.21
(6,963)	1:15:A:ALA:HB3	1:134:A:VAL:HB	10	1.21
(6,751)	1:32:A:GLY:HA2	1:34:A:LYS:H	6	1.21
(6,687)	1:54:A:ARG:HD2	1:56:A:CYS:H	16	1.21
(6,687)	1:54:A:ARG:HD3	1:56:A:CYS:H	16	1.21
(6,455)	1:18:A:PHE:H	1:113:A:PHE:HE1	19	1.21
(6,455)	1:18:A:PHE:H	1:113:A:PHE:HE2	19	1.21
(6,333)	1:57:A:LEU:H	1:58:A:ILE:HG13	12	1.21
(6,173)	1:8:A:ASP:H	1:58:A:ILE:HG13	12	1.21
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	8	1.21
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	8	1.21
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	8	1.21
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	8	1.21
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	8	1.21
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	8	1.21
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	8	1.21
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	8	1.21
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	8	1.21
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	8	1.21
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	8	1.21
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	8	1.21
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	8	1.21
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	8	1.21
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	8	1.21
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	8	1.21
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	8	1.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	8	1.21
(5,1911)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	17	1.21
(5,1911)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	17	1.21
(5,1884)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	15	1.21
(5,1873)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	14	1.21
(5,1873)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	14	1.21
(5,1873)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	14	1.21
(5,1873)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	14	1.21
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD11	8	1.21
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD12	8	1.21
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD13	8	1.21
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG2	9	1.21
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG3	9	1.21
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG2	9	1.21
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG3	9	1.21
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG2	9	1.21
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG3	9	1.21
(5,916)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	4	1.21
(5,887)	1:11:A:ILE:HB	1:44:A:GLU:HG3	12	1.21
(5,887)	1:11:A:ILE:HB	1:44:A:GLU:HG3	14	1.21
(5,692)	1:54:A:ARG:HD2	1:56:A:CYS:H	16	1.21
(5,692)	1:54:A:ARG:HD3	1:56:A:CYS:H	16	1.21
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG11	2	1.21
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG12	2	1.21
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG13	2	1.21
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG21	2	1.21
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG22	2	1.21
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG23	2	1.21
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG11	2	1.21
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG12	2	1.21
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG13	2	1.21
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG21	2	1.21
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG22	2	1.21
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG23	2	1.21
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG11	2	1.21
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG12	2	1.21
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG13	2	1.21
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG21	2	1.21
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG22	2	1.21
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG23	2	1.21
(4,1863)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	17	1.21
(4,1863)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	17	1.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG21	16	1.21
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG22	16	1.21
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG23	16	1.21
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG21	16	1.21
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG22	16	1.21
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG23	16	1.21
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG21	16	1.21
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG22	16	1.21
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG23	16	1.21
(4,1200)	1:34:A:LYS:H	1:81:A:GLU:HA	11	1.21
(4,965)	1:15:A:ALA:HB1	1:134:A:VAL:HB	10	1.21
(4,965)	1:15:A:ALA:HB2	1:134:A:VAL:HB	10	1.21
(4,965)	1:15:A:ALA:HB3	1:134:A:VAL:HB	10	1.21
(4,703)	1:48:A:ARG:HE	1:49:A:LYS:HA	12	1.21
(4,703)	1:48:A:ARG:HE	1:49:A:LYS:HA	18	1.21
(4,683)	1:54:A:ARG:HD2	1:56:A:CYS:H	16	1.21
(4,683)	1:54:A:ARG:HD3	1:56:A:CYS:H	16	1.21
(4,451)	1:18:A:PHE:H	1:113:A:PHE:HE1	19	1.21
(4,451)	1:18:A:PHE:H	1:113:A:PHE:HE2	19	1.21
(4,50)	1:44:A:GLU:HG2	1:47:A:ALA:H	13	1.21
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE1	5	1.21
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE2	5	1.21
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE3	5	1.21
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE1	5	1.21
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE2	5	1.21
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE3	5	1.21
(3,2252)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	4	1.21
(3,2252)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	4	1.21
(3,2252)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	4	1.21
(3,2252)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	4	1.21
(3,2252)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	10	1.21
(3,2252)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	10	1.21
(3,2252)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	10	1.21
(3,2252)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	10	1.21
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD11	2	1.21
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD12	2	1.21
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD13	2	1.21
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD21	2	1.21
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD22	2	1.21
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD23	2	1.21
(3,1915)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	17	1.21
(3,1915)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	17	1.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1895)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	17	1.21
(3,1895)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	17	1.21
(3,1481)	1:13:A:ALA:HB1	1:78:A:HIS:HA	6	1.21
(3,1481)	1:13:A:ALA:HB2	1:78:A:HIS:HA	6	1.21
(3,1481)	1:13:A:ALA:HB3	1:78:A:HIS:HA	6	1.21
(3,1040)	1:113:A:PHE:HA	1:116:A:GLN:HG3	15	1.21
(3,840)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	5	1.21
(3,840)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	5	1.21
(3,840)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	5	1.21
(3,840)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	5	1.21
(3,840)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	5	1.21
(3,840)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	5	1.21
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	3	1.21
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	3	1.21
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	3	1.21
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	3	1.21
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	3	1.21
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	3	1.21
(3,698)	1:54:A:ARG:HD2	1:56:A:CYS:H	16	1.21
(3,698)	1:54:A:ARG:HD3	1:56:A:CYS:H	16	1.21
(3,485)	1:145:A:PRO:HB2	1:148:A:CYS:H	19	1.21
(3,462)	1:18:A:PHE:H	1:113:A:PHE:HE1	19	1.21
(3,462)	1:18:A:PHE:H	1:113:A:PHE:HE2	19	1.21
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG11	9	1.21
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG12	9	1.21
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG13	9	1.21
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG21	9	1.21
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG22	9	1.21
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG23	9	1.21
(2,2190)	1:47:A:ALA:H	1:134:A:VAL:HG11	11	1.21
(2,2190)	1:47:A:ALA:H	1:134:A:VAL:HG12	11	1.21
(2,2190)	1:47:A:ALA:H	1:134:A:VAL:HG13	11	1.21
(2,2190)	1:47:A:ALA:H	1:134:A:VAL:HG21	11	1.21
(2,2190)	1:47:A:ALA:H	1:134:A:VAL:HG22	11	1.21
(2,2190)	1:47:A:ALA:H	1:134:A:VAL:HG23	11	1.21
(2,2141)	1:40:A:LEU:HD11	1:41:A:LYS:HA	11	1.21
(2,2141)	1:40:A:LEU:HD12	1:41:A:LYS:HA	11	1.21
(2,2141)	1:40:A:LEU:HD13	1:41:A:LYS:HA	11	1.21
(2,2141)	1:40:A:LEU:HD21	1:41:A:LYS:HA	11	1.21
(2,2141)	1:40:A:LEU:HD22	1:41:A:LYS:HA	11	1.21
(2,2141)	1:40:A:LEU:HD23	1:41:A:LYS:HA	11	1.21
(2,1756)	1:31:A:PRO:HB2	1:35:A:LEU:HA	12	1.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1756)	1:31:A:PRO:HB3	1:35:A:LEU:HA	12	1.21
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	18	1.21
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	18	1.21
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	18	1.21
(2,1110)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	16	1.21
(2,1110)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	16	1.21
(2,1078)	1:48:A:ARG:HG2	1:49:A:LYS:HA	14	1.21
(2,1078)	1:48:A:ARG:HG3	1:49:A:LYS:HA	14	1.21
(2,1078)	1:48:A:ARG:HG2	1:49:A:LYS:HA	19	1.21
(2,1078)	1:48:A:ARG:HG3	1:49:A:LYS:HA	19	1.21
(2,332)	1:57:A:LEU:H	1:58:A:ILE:HG13	12	1.21
(1,2269)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	15	1.21
(1,2269)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	15	1.21
(1,2269)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	15	1.21
(1,2269)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	15	1.21
(1,2269)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	15	1.21
(1,2269)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	15	1.21
(1,2269)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	15	1.21
(1,2269)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	15	1.21
(1,2269)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	15	1.21
(1,2269)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	15	1.21
(1,2269)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	15	1.21
(1,2269)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	15	1.21
(1,2268)	1:96:A:VAL:HG11	1:116:A:GLN:HG2	17	1.21
(1,2268)	1:96:A:VAL:HG12	1:116:A:GLN:HG2	17	1.21
(1,2268)	1:96:A:VAL:HG13	1:116:A:GLN:HG2	17	1.21
(1,2268)	1:96:A:VAL:HG21	1:116:A:GLN:HG2	17	1.21
(1,2268)	1:96:A:VAL:HG22	1:116:A:GLN:HG2	17	1.21
(1,2268)	1:96:A:VAL:HG23	1:116:A:GLN:HG2	17	1.21
(1,1902)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	17	1.21
(1,1902)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	17	1.21
(1,1516)	1:43:A:MET:HE1	1:44:A:GLU:HA	4	1.21
(1,1516)	1:43:A:MET:HE2	1:44:A:GLU:HA	4	1.21
(1,1516)	1:43:A:MET:HE3	1:44:A:GLU:HA	4	1.21
(1,881)	1:8:A:ASP:HB2	1:54:A:ARG:HE	3	1.21
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	19	1.21
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	19	1.21
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	19	1.21
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	19	1.21
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	19	1.21
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	19	1.21
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	19	1.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	19	1.21
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	19	1.21
(1,701)	1:54:A:ARG:HD2	1:56:A:CYS:H	16	1.21
(1,701)	1:54:A:ARG:HD3	1:56:A:CYS:H	16	1.21
(1,461)	1:18:A:PHE:H	1:113:A:PHE:HE1	19	1.21
(1,461)	1:18:A:PHE:H	1:113:A:PHE:HE2	19	1.21
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	14	1.2
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	14	1.2
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	14	1.2
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	14	1.2
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	14	1.2
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	14	1.2
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	14	1.2
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	14	1.2
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	14	1.2
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	14	1.2
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	14	1.2
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	14	1.2
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	14	1.2
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	14	1.2
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	14	1.2
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	14	1.2
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	14	1.2
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	14	1.2
(34,1784)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	4	1.2
(34,1784)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	4	1.2
(34,1784)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	4	1.2
(34,1784)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	4	1.2
(34,1661)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	1	1.2
(34,1661)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	1	1.2
(34,1661)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	1	1.2
(34,1318)	1:66:A:THR:HG21	1:96:A:VAL:H	12	1.2
(34,1318)	1:66:A:THR:HG22	1:96:A:VAL:H	12	1.2
(34,1318)	1:66:A:THR:HG23	1:96:A:VAL:H	12	1.2
(34,1275)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	17	1.2
(34,1275)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	17	1.2
(34,1275)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	17	1.2
(34,1275)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	17	1.2
(34,1275)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	17	1.2
(34,1275)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	17	1.2
(34,1233)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	13	1.2
(34,1233)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	13	1.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1233)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	13	1.2
(34,1233)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	13	1.2
(34,1233)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	13	1.2
(34,1233)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	13	1.2
(34,1134)	1:18:A:PHE:HA	1:113:A:PHE:HZ	19	1.2
(34,1002)	1:47:A:ALA:HB1	1:134:A:VAL:HB	9	1.2
(34,1002)	1:47:A:ALA:HB2	1:134:A:VAL:HB	9	1.2
(34,1002)	1:47:A:ALA:HB3	1:134:A:VAL:HB	9	1.2
(34,511)	1:101:A:ILE:HG21	1:105:A:LYS:H	19	1.2
(34,511)	1:101:A:ILE:HG22	1:105:A:LYS:H	19	1.2
(34,511)	1:101:A:ILE:HG23	1:105:A:LYS:H	19	1.2
(33,2305)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	17	1.2
(33,2305)	1:98:A:ILE:HG21	1:116:A:GLN:HG3	17	1.2
(33,2305)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	17	1.2
(33,2305)	1:98:A:ILE:HG22	1:116:A:GLN:HG3	17	1.2
(33,2305)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	17	1.2
(33,2305)	1:98:A:ILE:HG23	1:116:A:GLN:HG3	17	1.2
(33,2133)	1:40:A:LEU:HD11	1:41:A:LYS:HA	15	1.2
(33,2133)	1:40:A:LEU:HD12	1:41:A:LYS:HA	15	1.2
(33,2133)	1:40:A:LEU:HD13	1:41:A:LYS:HA	15	1.2
(33,2133)	1:40:A:LEU:HD21	1:41:A:LYS:HA	15	1.2
(33,2133)	1:40:A:LEU:HD22	1:41:A:LYS:HA	15	1.2
(33,2133)	1:40:A:LEU:HD23	1:41:A:LYS:HA	15	1.2
(33,2018)	1:18:A:PHE:HB2	1:132:A:ALA:HA	7	1.2
(33,2018)	1:18:A:PHE:HB3	1:132:A:ALA:HA	7	1.2
(33,1767)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	4	1.2
(33,1767)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	4	1.2
(33,1767)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	4	1.2
(33,1767)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	4	1.2
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG21	11	1.2
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG22	11	1.2
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG23	11	1.2
(33,867)	1:39:A:VAL:H	1:139:A:LEU:HB2	12	1.2
(33,867)	1:39:A:VAL:H	1:139:A:LEU:HB3	12	1.2
(33,742)	1:105:A:LYS:HG3	1:112:A:GLN:HE22	10	1.2
(33,594)	1:28:A:GLY:H	1:29:A:LYS:HG2	2	1.2
(33,594)	1:28:A:GLY:H	1:29:A:LYS:HG3	2	1.2
(33,496)	1:101:A:ILE:HG21	1:105:A:LYS:H	19	1.2
(33,496)	1:101:A:ILE:HG22	1:105:A:LYS:H	19	1.2
(33,496)	1:101:A:ILE:HG23	1:105:A:LYS:H	19	1.2
(32,2487)	1:144:A:LEU:HD11	1:146:A:GLN:HG2	9	1.2
(32,2487)	1:144:A:LEU:HD11	1:146:A:GLN:HG3	9	1.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2487)	1:144:A:LEU:HD12	1:146:A:GLN:HG2	9	1.2
(32,2487)	1:144:A:LEU:HD12	1:146:A:GLN:HG3	9	1.2
(32,2487)	1:144:A:LEU:HD13	1:146:A:GLN:HG2	9	1.2
(32,2487)	1:144:A:LEU:HD13	1:146:A:GLN:HG3	9	1.2
(32,2487)	1:144:A:LEU:HD21	1:146:A:GLN:HG2	9	1.2
(32,2487)	1:144:A:LEU:HD21	1:146:A:GLN:HG3	9	1.2
(32,2487)	1:144:A:LEU:HD22	1:146:A:GLN:HG2	9	1.2
(32,2487)	1:144:A:LEU:HD22	1:146:A:GLN:HG3	9	1.2
(32,2487)	1:144:A:LEU:HD23	1:146:A:GLN:HG2	9	1.2
(32,2487)	1:144:A:LEU:HD23	1:146:A:GLN:HG3	9	1.2
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	9	1.2
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	9	1.2
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	9	1.2
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	9	1.2
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	9	1.2
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	9	1.2
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	9	1.2
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	9	1.2
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	9	1.2
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	9	1.2
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	9	1.2
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	9	1.2
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	11	1.2
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	11	1.2
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	11	1.2
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	11	1.2
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	11	1.2
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	11	1.2
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	11	1.2
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	11	1.2
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	11	1.2
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	11	1.2
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	11	1.2
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	11	1.2
(32,1993)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	12	1.2
(32,1993)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	12	1.2
(32,1993)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	12	1.2
(32,1993)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	12	1.2
(32,1993)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	12	1.2
(32,1993)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	12	1.2
(32,1993)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	12	1.2
(32,1993)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	12	1.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1993)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	12	1.2
(32,1993)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	12	1.2
(32,1993)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	12	1.2
(32,1993)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	12	1.2
(32,1698)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	6	1.2
(32,1698)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	6	1.2
(32,1698)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	6	1.2
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG21	11	1.2
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG22	11	1.2
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG23	11	1.2
(32,1213)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	16	1.2
(32,1213)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	16	1.2
(32,1213)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	16	1.2
(32,1213)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	16	1.2
(32,1213)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	16	1.2
(32,1213)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	16	1.2
(32,1213)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	19	1.2
(32,1213)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	19	1.2
(32,1213)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	19	1.2
(32,1213)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	19	1.2
(32,1213)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	19	1.2
(32,1213)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	19	1.2
(32,1072)	1:18:A:PHE:HA	1:113:A:PHE:HZ	19	1.2
(32,701)	1:44:A:GLU:HB2	1:54:A:ARG:HE	16	1.2
(32,701)	1:44:A:GLU:HB3	1:54:A:ARG:HE	16	1.2
(32,579)	1:28:A:GLY:H	1:29:A:LYS:HG2	2	1.2
(32,579)	1:28:A:GLY:H	1:29:A:LYS:HG3	2	1.2
(32,486)	1:101:A:ILE:HG21	1:105:A:LYS:H	19	1.2
(32,486)	1:101:A:ILE:HG22	1:105:A:LYS:H	19	1.2
(32,486)	1:101:A:ILE:HG23	1:105:A:LYS:H	19	1.2
(30,2142)	1:40:A:LEU:HD11	1:41:A:LYS:HA	11	1.2
(30,2142)	1:40:A:LEU:HD12	1:41:A:LYS:HA	11	1.2
(30,2142)	1:40:A:LEU:HD13	1:41:A:LYS:HA	11	1.2
(30,2142)	1:40:A:LEU:HD21	1:41:A:LYS:HA	11	1.2
(30,2142)	1:40:A:LEU:HD22	1:41:A:LYS:HA	11	1.2
(30,2142)	1:40:A:LEU:HD23	1:41:A:LYS:HA	11	1.2
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	19	1.2
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	19	1.2
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	19	1.2
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	19	1.2
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE1	15	1.2
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE2	15	1.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE3	15	1.2
(30,980)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	15	1.2
(30,980)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	15	1.2
(30,946)	1:40:A:LEU:HA	1:43:A:MET:HG2	9	1.2
(30,716)	1:44:A:GLU:HB2	1:54:A:ARG:HE	16	1.2
(30,716)	1:44:A:GLU:HB3	1:54:A:ARG:HE	16	1.2
(30,497)	1:101:A:ILE:HG21	1:105:A:LYS:H	19	1.2
(30,497)	1:101:A:ILE:HG22	1:105:A:LYS:H	19	1.2
(30,497)	1:101:A:ILE:HG23	1:105:A:LYS:H	19	1.2
(30,59)	1:34:A:LYS:H	1:81:A:GLU:H	5	1.2
(29,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	7	1.2
(29,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	7	1.2
(29,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	7	1.2
(29,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	7	1.2
(29,2043)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	12	1.2
(29,2043)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	12	1.2
(29,2043)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	12	1.2
(29,2043)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	12	1.2
(29,2043)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	12	1.2
(29,2043)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	12	1.2
(29,2043)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	12	1.2
(29,2043)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	12	1.2
(29,2043)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	12	1.2
(29,2043)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	12	1.2
(29,2043)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	12	1.2
(29,2043)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	12	1.2
(29,2031)	1:16:A:SER:HB2	1:43:A:MET:HE1	15	1.2
(29,2031)	1:16:A:SER:HB2	1:43:A:MET:HE2	15	1.2
(29,2031)	1:16:A:SER:HB2	1:43:A:MET:HE3	15	1.2
(29,2031)	1:16:A:SER:HB3	1:43:A:MET:HE1	15	1.2
(29,2031)	1:16:A:SER:HB3	1:43:A:MET:HE2	15	1.2
(29,2031)	1:16:A:SER:HB3	1:43:A:MET:HE3	15	1.2
(29,1762)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	6	1.2
(29,1762)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	6	1.2
(29,1762)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	6	1.2
(29,1729)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	16	1.2
(29,1372)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	1	1.2
(29,1372)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	1	1.2
(29,1372)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	1	1.2
(29,1117)	1:18:A:PHE:HA	1:113:A:PHE:HZ	19	1.2
(29,970)	1:15:A:ALA:HB1	1:43:A:MET:HB2	8	1.2
(29,970)	1:15:A:ALA:HB2	1:43:A:MET:HB2	8	1.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,970)	1:15:A:ALA:HB3	1:43:A:MET:HB2	8	1.2
(29,726)	1:44:A:GLU:HB2	1:54:A:ARG:HE	16	1.2
(29,726)	1:44:A:GLU:HB3	1:54:A:ARG:HE	16	1.2
(20,6)	1:52:A:CYS:SG	1:56:A:CYS:SG	18	1.2
(19,11)	1:127:A:CYS:SG	1:56:A:CYS:CB	8	1.2
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD11	2	1.2
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD12	2	1.2
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD13	2	1.2
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD21	2	1.2
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD22	2	1.2
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD23	2	1.2
(18,1975)	1:12:A:VAL:HG11	1:43:A:MET:HB2	18	1.2
(18,1975)	1:12:A:VAL:HG12	1:43:A:MET:HB2	18	1.2
(18,1975)	1:12:A:VAL:HG13	1:43:A:MET:HB2	18	1.2
(18,1975)	1:12:A:VAL:HG21	1:43:A:MET:HB2	18	1.2
(18,1975)	1:12:A:VAL:HG22	1:43:A:MET:HB2	18	1.2
(18,1975)	1:12:A:VAL:HG23	1:43:A:MET:HB2	18	1.2
(18,1731)	1:112:A:GLN:HG2	1:113:A:PHE:HA	2	1.2
(18,1731)	1:112:A:GLN:HG3	1:113:A:PHE:HA	2	1.2
(18,1731)	1:112:A:GLN:HG2	1:113:A:PHE:HA	13	1.2
(18,1731)	1:112:A:GLN:HG3	1:113:A:PHE:HA	13	1.2
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	11	1.2
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	11	1.2
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	11	1.2
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	11	1.2
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	11	1.2
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	11	1.2
(18,1697)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	16	1.2
(17,2052)	1:23:A:LEU:HD11	1:27:A:ARG:HA	14	1.2
(17,2052)	1:23:A:LEU:HD12	1:27:A:ARG:HA	14	1.2
(17,2052)	1:23:A:LEU:HD13	1:27:A:ARG:HA	14	1.2
(17,2052)	1:23:A:LEU:HD21	1:27:A:ARG:HA	14	1.2
(17,2052)	1:23:A:LEU:HD22	1:27:A:ARG:HA	14	1.2
(17,2052)	1:23:A:LEU:HD23	1:27:A:ARG:HA	14	1.2
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD11	3	1.2
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD12	3	1.2
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD13	3	1.2
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD21	3	1.2
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD22	3	1.2
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD23	3	1.2
(17,2039)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	12	1.2
(17,2039)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	12	1.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2039)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	12	1.2
(17,2039)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	12	1.2
(17,2039)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	12	1.2
(17,2039)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	12	1.2
(17,2039)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	12	1.2
(17,2039)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	12	1.2
(17,2039)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	12	1.2
(17,2039)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	12	1.2
(17,2039)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	12	1.2
(17,2039)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	12	1.2
(17,1935)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	9	1.2
(17,1935)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	9	1.2
(17,1935)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	9	1.2
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE1	15	1.2
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE2	15	1.2
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE3	15	1.2
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	19	1.2
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	19	1.2
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	19	1.2
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	19	1.2
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	19	1.2
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	19	1.2
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	19	1.2
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	19	1.2
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	19	1.2
(17,1377)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	1	1.2
(17,1377)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	1	1.2
(17,1377)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	1	1.2
(17,1298)	1:66:A:THR:HG21	1:96:A:VAL:H	12	1.2
(17,1298)	1:66:A:THR:HG22	1:96:A:VAL:H	12	1.2
(17,1298)	1:66:A:THR:HG23	1:96:A:VAL:H	12	1.2
(17,1269)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	1	1.2
(17,1269)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	1	1.2
(17,1269)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	1	1.2
(17,1115)	1:18:A:PHE:HA	1:113:A:PHE:HZ	19	1.2
(17,599)	1:55:A:GLY:H	1:122:A:ASP:HB3	7	1.2
(17,492)	1:101:A:ILE:HG21	1:105:A:LYS:H	19	1.2
(17,492)	1:101:A:ILE:HG22	1:105:A:LYS:H	19	1.2
(17,492)	1:101:A:ILE:HG23	1:105:A:LYS:H	19	1.2
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG2	7	1.2
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG3	7	1.2
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG11	4	1.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG12	4	1.2
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG13	4	1.2
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG21	4	1.2
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG22	4	1.2
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG23	4	1.2
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	19	1.2
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	19	1.2
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	19	1.2
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	19	1.2
(16,1475)	1:95:A:ILE:HG21	1:97:A:ASP:H	10	1.2
(16,1475)	1:95:A:ILE:HG22	1:97:A:ASP:H	10	1.2
(16,1475)	1:95:A:ILE:HG23	1:97:A:ASP:H	10	1.2
(16,1369)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	1	1.2
(16,1369)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	1	1.2
(16,1369)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	1	1.2
(16,1332)	1:106:A:ASP:HA	1:112:A:GLN:HE21	4	1.2
(16,996)	1:47:A:ALA:HB1	1:134:A:VAL:HB	9	1.2
(16,996)	1:47:A:ALA:HB2	1:134:A:VAL:HB	9	1.2
(16,996)	1:47:A:ALA:HB3	1:134:A:VAL:HB	9	1.2
(16,601)	1:28:A:GLY:H	1:29:A:LYS:HG2	2	1.2
(16,601)	1:28:A:GLY:H	1:29:A:LYS:HG3	2	1.2
(16,501)	1:101:A:ILE:HG21	1:105:A:LYS:H	19	1.2
(16,501)	1:101:A:ILE:HG22	1:105:A:LYS:H	19	1.2
(16,501)	1:101:A:ILE:HG23	1:105:A:LYS:H	19	1.2
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD11	3	1.2
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD12	3	1.2
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD13	3	1.2
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD21	3	1.2
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD22	3	1.2
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD23	3	1.2
(15,2000)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	12	1.2
(15,2000)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	12	1.2
(15,2000)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	12	1.2
(15,2000)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	12	1.2
(15,2000)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	12	1.2
(15,2000)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	12	1.2
(15,2000)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	12	1.2
(15,2000)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	12	1.2
(15,2000)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	12	1.2
(15,2000)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	12	1.2
(15,2000)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	12	1.2
(15,2000)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	12	1.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1892)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	11	1.2
(15,1759)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	4	1.2
(15,1759)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	4	1.2
(15,1759)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	4	1.2
(15,1759)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	4	1.2
(15,1106)	1:18:A:PHE:HA	1:113:A:PHE:HZ	19	1.2
(15,980)	1:47:A:ALA:HB1	1:134:A:VAL:HB	9	1.2
(15,980)	1:47:A:ALA:HB2	1:134:A:VAL:HB	9	1.2
(15,980)	1:47:A:ALA:HB3	1:134:A:VAL:HB	9	1.2
(15,487)	1:147:A:ARG:HD2	1:148:A:CYS:H	13	1.2
(15,487)	1:147:A:ARG:HD3	1:148:A:CYS:H	13	1.2
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD21	7	1.2
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD22	7	1.2
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD23	7	1.2
(15,63)	1:34:A:LYS:H	1:81:A:GLU:H	5	1.2
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG11	14	1.2
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG12	14	1.2
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG13	14	1.2
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG21	14	1.2
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG22	14	1.2
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG23	14	1.2
(13,1783)	1:9:A:PHE:HZ	1:54:A:ARG:HA	6	1.2
(13,1612)	1:47:A:ALA:H	1:134:A:VAL:HG11	6	1.2
(13,1612)	1:47:A:ALA:H	1:134:A:VAL:HG12	6	1.2
(13,1612)	1:47:A:ALA:H	1:134:A:VAL:HG13	6	1.2
(13,494)	1:101:A:ILE:HG21	1:105:A:LYS:H	19	1.2
(13,494)	1:101:A:ILE:HG22	1:105:A:LYS:H	19	1.2
(13,494)	1:101:A:ILE:HG23	1:105:A:LYS:H	19	1.2
(11,1939)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	9	1.2
(11,1939)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	9	1.2
(11,1939)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	9	1.2
(11,1844)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	10	1.2
(11,1844)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	10	1.2
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	19	1.2
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	19	1.2
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	19	1.2
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	19	1.2
(11,1347)	1:106:A:ASP:HA	1:112:A:GLN:HE21	4	1.2
(11,1282)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	1	1.2
(11,1282)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	1	1.2
(11,1282)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	1	1.2
(11,686)	1:145:A:PRO:HB3	1:148:A:CYS:H	2	1.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,686)	1:145:A:PRO:HB3	1:148:A:CYS:H	13	1.2
(11,500)	1:101:A:ILE:HG21	1:105:A:LYS:H	19	1.2
(11,500)	1:101:A:ILE:HG22	1:105:A:LYS:H	19	1.2
(11,500)	1:101:A:ILE:HG23	1:105:A:LYS:H	19	1.2
(11,64)	1:34:A:LYS:H	1:81:A:GLU:H	5	1.2
(9,2110)	1:40:A:LEU:HD11	1:41:A:LYS:HA	19	1.2
(9,2110)	1:40:A:LEU:HD12	1:41:A:LYS:HA	19	1.2
(9,2110)	1:40:A:LEU:HD13	1:41:A:LYS:HA	19	1.2
(9,2110)	1:40:A:LEU:HD21	1:41:A:LYS:HA	19	1.2
(9,2110)	1:40:A:LEU:HD22	1:41:A:LYS:HA	19	1.2
(9,2110)	1:40:A:LEU:HD23	1:41:A:LYS:HA	19	1.2
(9,2042)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	3	1.2
(9,2042)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	3	1.2
(9,2042)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	3	1.2
(9,2042)	1:31:A:PRO:HD2	1:144:A:LEU:HD21	3	1.2
(9,2042)	1:31:A:PRO:HD2	1:144:A:LEU:HD22	3	1.2
(9,2042)	1:31:A:PRO:HD2	1:144:A:LEU:HD23	3	1.2
(9,2042)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	3	1.2
(9,2042)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	3	1.2
(9,2042)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	3	1.2
(9,2042)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	3	1.2
(9,2042)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	3	1.2
(9,2042)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	3	1.2
(9,1943)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	11	1.2
(9,1943)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	11	1.2
(9,1943)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	11	1.2
(9,1943)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	11	1.2
(9,1326)	1:106:A:ASP:HA	1:112:A:GLN:HE21	4	1.2
(9,1198)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	11	1.2
(9,1198)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	11	1.2
(9,1198)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	11	1.2
(9,1198)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	11	1.2
(9,1198)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	11	1.2
(9,1198)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	11	1.2
(9,974)	1:47:A:ALA:HB1	1:134:A:VAL:HB	9	1.2
(9,974)	1:47:A:ALA:HB2	1:134:A:VAL:HB	9	1.2
(9,974)	1:47:A:ALA:HB3	1:134:A:VAL:HB	9	1.2
(9,858)	1:18:A:PHE:HZ	1:60:A:LEU:HB2	1	1.2
(9,505)	1:101:A:ILE:HG21	1:105:A:LYS:H	19	1.2
(9,505)	1:101:A:ILE:HG22	1:105:A:LYS:H	19	1.2
(9,505)	1:101:A:ILE:HG23	1:105:A:LYS:H	19	1.2
(9,486)	1:147:A:ARG:HD2	1:148:A:CYS:H	4	1.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,486)	1:147:A:ARG:HD3	1:148:A:CYS:H	4	1.2
(7,2272)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	17	1.2
(7,2272)	1:98:A:ILE:HG21	1:116:A:GLN:HG3	17	1.2
(7,2272)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	17	1.2
(7,2272)	1:98:A:ILE:HG22	1:116:A:GLN:HG3	17	1.2
(7,2272)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	17	1.2
(7,2272)	1:98:A:ILE:HG23	1:116:A:GLN:HG3	17	1.2
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	3	1.2
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	3	1.2
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	3	1.2
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	3	1.2
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	3	1.2
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	3	1.2
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD11	10	1.2
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD12	10	1.2
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD13	10	1.2
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD21	10	1.2
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD22	10	1.2
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD23	10	1.2
(7,1977)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	12	1.2
(7,1977)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	12	1.2
(7,1977)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	12	1.2
(7,1977)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	12	1.2
(7,1977)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	12	1.2
(7,1977)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	12	1.2
(7,1977)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	12	1.2
(7,1977)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	12	1.2
(7,1977)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	12	1.2
(7,1977)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	12	1.2
(7,1977)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	12	1.2
(7,1977)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	12	1.2
(7,1883)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	9	1.2
(7,1883)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	9	1.2
(7,1883)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	9	1.2
(7,1805)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	1	1.2
(7,1805)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	1	1.2
(7,1805)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	1	1.2
(7,1782)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	10	1.2
(7,1782)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	10	1.2
(7,1675)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	16	1.2
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE1	9	1.2
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE2	9	1.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1667)	1:18:A:PHE:HE1	1:110:A:MET:HE3	9	1.2
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE1	9	1.2
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE2	9	1.2
(7,1667)	1:18:A:PHE:HE2	1:110:A:MET:HE3	9	1.2
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	12	1.2
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	12	1.2
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	12	1.2
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	6	1.2
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	6	1.2
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	6	1.2
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	18	1.2
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	18	1.2
(7,593)	1:28:A:GLY:H	1:29:A:LYS:HG2	2	1.2
(7,593)	1:28:A:GLY:H	1:29:A:LYS:HG3	2	1.2
(7,501)	1:101:A:ILE:HG21	1:105:A:LYS:H	19	1.2
(7,501)	1:101:A:ILE:HG22	1:105:A:LYS:H	19	1.2
(7,501)	1:101:A:ILE:HG23	1:105:A:LYS:H	19	1.2
(6,1984)	1:12:A:VAL:HG11	1:43:A:MET:HB2	10	1.2
(6,1984)	1:12:A:VAL:HG11	1:43:A:MET:HB3	10	1.2
(6,1984)	1:12:A:VAL:HG12	1:43:A:MET:HB2	10	1.2
(6,1984)	1:12:A:VAL:HG12	1:43:A:MET:HB3	10	1.2
(6,1984)	1:12:A:VAL:HG13	1:43:A:MET:HB2	10	1.2
(6,1984)	1:12:A:VAL:HG13	1:43:A:MET:HB3	10	1.2
(6,1984)	1:12:A:VAL:HG21	1:43:A:MET:HB2	10	1.2
(6,1984)	1:12:A:VAL:HG21	1:43:A:MET:HB3	10	1.2
(6,1984)	1:12:A:VAL:HG22	1:43:A:MET:HB2	10	1.2
(6,1984)	1:12:A:VAL:HG22	1:43:A:MET:HB3	10	1.2
(6,1984)	1:12:A:VAL:HG23	1:43:A:MET:HB2	10	1.2
(6,1984)	1:12:A:VAL:HG23	1:43:A:MET:HB3	10	1.2
(6,1929)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	9	1.2
(6,1929)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	9	1.2
(6,1929)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	9	1.2
(6,1840)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	1	1.2
(6,1840)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	1	1.2
(6,1840)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	1	1.2
(6,1777)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	4	1.2
(6,1777)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	4	1.2
(6,1777)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	4	1.2
(6,1777)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	4	1.2
(6,1279)	1:66:A:THR:HG21	1:96:A:VAL:H	12	1.2
(6,1279)	1:66:A:THR:HG22	1:96:A:VAL:H	12	1.2
(6,1279)	1:66:A:THR:HG23	1:96:A:VAL:H	12	1.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1088)	1:18:A:PHE:HA	1:113:A:PHE:HZ	19	1.2
(6,985)	1:98:A:ILE:HB	1:105:A:LYS:HB2	9	1.2
(6,985)	1:98:A:ILE:HB	1:105:A:LYS:HB3	9	1.2
(6,496)	1:101:A:ILE:HG21	1:105:A:LYS:H	19	1.2
(6,496)	1:101:A:ILE:HG22	1:105:A:LYS:H	19	1.2
(6,496)	1:101:A:ILE:HG23	1:105:A:LYS:H	19	1.2
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	9	1.2
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	9	1.2
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	9	1.2
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	9	1.2
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	9	1.2
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	9	1.2
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	9	1.2
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	9	1.2
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	9	1.2
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	9	1.2
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	9	1.2
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	9	1.2
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	14	1.2
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	14	1.2
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	14	1.2
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	14	1.2
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	14	1.2
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	14	1.2
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	14	1.2
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	14	1.2
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	14	1.2
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	14	1.2
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	14	1.2
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	14	1.2
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	14	1.2
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	14	1.2
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	14	1.2
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	14	1.2
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	14	1.2
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	14	1.2
(5,1767)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	6	1.2
(5,1767)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	6	1.2
(5,1767)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	6	1.2
(5,1565)	1:40:A:LEU:HD21	1:43:A:MET:H	19	1.2
(5,1565)	1:40:A:LEU:HD22	1:43:A:MET:H	19	1.2
(5,1565)	1:40:A:LEU:HD23	1:43:A:MET:H	19	1.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1311)	1:66:A:THR:HG21	1:96:A:VAL:H	12	1.2
(5,1311)	1:66:A:THR:HG22	1:96:A:VAL:H	12	1.2
(5,1311)	1:66:A:THR:HG23	1:96:A:VAL:H	12	1.2
(5,994)	1:35:A:LEU:HG	1:143:A:TRP:HB3	15	1.2
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG2	1	1.2
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG3	1	1.2
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG2	1	1.2
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG3	1	1.2
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG2	1	1.2
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG3	1	1.2
(5,859)	1:39:A:VAL:H	1:139:A:LEU:HB2	12	1.2
(5,859)	1:39:A:VAL:H	1:139:A:LEU:HB3	12	1.2
(5,630)	1:9:A:PHE:HE1	1:15:A:ALA:H	16	1.2
(5,630)	1:9:A:PHE:HE2	1:15:A:ALA:H	16	1.2
(5,489)	1:101:A:ILE:HG21	1:105:A:LYS:H	19	1.2
(5,489)	1:101:A:ILE:HG22	1:105:A:LYS:H	19	1.2
(5,489)	1:101:A:ILE:HG23	1:105:A:LYS:H	19	1.2
(4,2126)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	17	1.2
(4,2126)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	17	1.2
(4,2126)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	17	1.2
(4,2126)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	17	1.2
(4,2126)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	17	1.2
(4,2126)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	17	1.2
(4,2126)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	17	1.2
(4,2126)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	17	1.2
(4,2126)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	17	1.2
(4,2126)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	17	1.2
(4,2126)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	17	1.2
(4,2126)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	17	1.2
(4,2019)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	12	1.2
(4,2019)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	12	1.2
(4,2019)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	12	1.2
(4,2019)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	12	1.2
(4,2019)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	12	1.2
(4,2019)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	12	1.2
(4,2019)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	12	1.2
(4,2019)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	12	1.2
(4,2019)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	12	1.2
(4,2019)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	12	1.2
(4,2019)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	12	1.2
(4,2019)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	12	1.2
(4,1822)	1:13:A:ALA:HA	1:80:A:TYR:HE1	17	1.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1822)	1:13:A:ALA:HA	1:80:A:TYR:HE2	17	1.2
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD21	12	1.2
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD22	12	1.2
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD23	12	1.2
(4,1088)	1:18:A:PHE:HA	1:113:A:PHE:HZ	19	1.2
(4,862)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	3	1.2
(4,862)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	3	1.2
(4,489)	1:101:A:ILE:HG21	1:105:A:LYS:H	19	1.2
(4,489)	1:101:A:ILE:HG22	1:105:A:LYS:H	19	1.2
(4,489)	1:101:A:ILE:HG23	1:105:A:LYS:H	19	1.2
(3,2252)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	16	1.2
(3,2252)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	16	1.2
(3,2252)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	16	1.2
(3,2252)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	16	1.2
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD11	3	1.2
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD12	3	1.2
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD13	3	1.2
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD21	3	1.2
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD22	3	1.2
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD23	3	1.2
(3,1999)	1:12:A:VAL:HG11	1:43:A:MET:H	6	1.2
(3,1999)	1:12:A:VAL:HG12	1:43:A:MET:H	6	1.2
(3,1999)	1:12:A:VAL:HG13	1:43:A:MET:H	6	1.2
(3,1999)	1:12:A:VAL:HG21	1:43:A:MET:H	6	1.2
(3,1999)	1:12:A:VAL:HG22	1:43:A:MET:H	6	1.2
(3,1999)	1:12:A:VAL:HG23	1:43:A:MET:H	6	1.2
(3,1976)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	11	1.2
(3,1976)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	11	1.2
(3,1976)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	11	1.2
(3,1976)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	11	1.2
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	18	1.2
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	18	1.2
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	18	1.2
(3,1355)	1:106:A:ASP:HA	1:112:A:GLN:HE21	4	1.2
(3,1315)	1:66:A:THR:HG21	1:96:A:VAL:H	12	1.2
(3,1315)	1:66:A:THR:HG22	1:96:A:VAL:H	12	1.2
(3,1315)	1:66:A:THR:HG23	1:96:A:VAL:H	12	1.2
(3,1228)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	18	1.2
(3,1228)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	18	1.2
(3,1228)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	18	1.2
(3,1228)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	18	1.2
(3,1228)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	18	1.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1228)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	18	1.2
(3,1126)	1:18:A:PHE:HA	1:113:A:PHE:HZ	19	1.2
(3,1040)	1:113:A:PHE:HA	1:116:A:GLN:HG3	7	1.2
(3,1000)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	15	1.2
(3,1000)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	15	1.2
(3,969)	1:40:A:LEU:HA	1:43:A:MET:HG2	9	1.2
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	13	1.2
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	13	1.2
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	13	1.2
(3,502)	1:101:A:ILE:HG21	1:105:A:LYS:H	19	1.2
(3,502)	1:101:A:ILE:HG22	1:105:A:LYS:H	19	1.2
(3,502)	1:101:A:ILE:HG23	1:105:A:LYS:H	19	1.2
(2,2315)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	17	1.2
(2,2315)	1:98:A:ILE:HG21	1:116:A:GLN:HG3	17	1.2
(2,2315)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	17	1.2
(2,2315)	1:98:A:ILE:HG22	1:116:A:GLN:HG3	17	1.2
(2,2315)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	17	1.2
(2,2315)	1:98:A:ILE:HG23	1:116:A:GLN:HG3	17	1.2
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG11	17	1.2
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG12	17	1.2
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG13	17	1.2
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG21	17	1.2
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG22	17	1.2
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG23	17	1.2
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	9	1.2
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	9	1.2
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	9	1.2
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	9	1.2
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	9	1.2
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	9	1.2
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	9	1.2
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	9	1.2
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	9	1.2
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	9	1.2
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	9	1.2
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	9	1.2
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	19	1.2
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	19	1.2
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	19	1.2
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	19	1.2
(2,1759)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	6	1.2
(2,1759)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	6	1.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1759)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	6	1.2
(2,1640)	1:10:A:ASN:HB3	1:61:A:SER:HA	13	1.2
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD11	14	1.2
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD12	14	1.2
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD13	14	1.2
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE1	15	1.2
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE2	15	1.2
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE3	15	1.2
(2,1078)	1:48:A:ARG:HG2	1:49:A:LYS:HA	4	1.2
(2,1078)	1:48:A:ARG:HG3	1:49:A:LYS:HA	4	1.2
(2,940)	1:40:A:LEU:HA	1:43:A:MET:HG2	9	1.2
(2,709)	1:48:A:ARG:HE	1:49:A:LYS:HA	15	1.2
(2,685)	1:145:A:PRO:HB3	1:148:A:CYS:H	2	1.2
(2,685)	1:145:A:PRO:HB3	1:148:A:CYS:H	13	1.2
(2,497)	1:101:A:ILE:HG21	1:105:A:LYS:H	19	1.2
(2,497)	1:101:A:ILE:HG22	1:105:A:LYS:H	19	1.2
(2,497)	1:101:A:ILE:HG23	1:105:A:LYS:H	19	1.2
(1,1993)	1:16:A:SER:HB2	1:43:A:MET:HE1	15	1.2
(1,1993)	1:16:A:SER:HB2	1:43:A:MET:HE2	15	1.2
(1,1993)	1:16:A:SER:HB2	1:43:A:MET:HE3	15	1.2
(1,1993)	1:16:A:SER:HB3	1:43:A:MET:HE1	15	1.2
(1,1993)	1:16:A:SER:HB3	1:43:A:MET:HE2	15	1.2
(1,1993)	1:16:A:SER:HB3	1:43:A:MET:HE3	15	1.2
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	14	1.2
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	14	1.2
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	14	1.2
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	14	1.2
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	14	1.2
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	14	1.2
(1,1722)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	16	1.2
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE1	9	1.2
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE2	9	1.2
(1,1712)	1:18:A:PHE:HE1	1:110:A:MET:HE3	9	1.2
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE1	9	1.2
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE2	9	1.2
(1,1712)	1:18:A:PHE:HE2	1:110:A:MET:HE3	9	1.2
(1,1295)	1:66:A:THR:HG21	1:96:A:VAL:H	12	1.2
(1,1295)	1:66:A:THR:HG22	1:96:A:VAL:H	12	1.2
(1,1295)	1:66:A:THR:HG23	1:96:A:VAL:H	12	1.2
(1,502)	1:101:A:ILE:HG21	1:105:A:LYS:H	19	1.2
(1,502)	1:101:A:ILE:HG22	1:105:A:LYS:H	19	1.2
(1,502)	1:101:A:ILE:HG23	1:105:A:LYS:H	19	1.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2208)	1:60:A:LEU:HD11	1:61:A:SER:HB2	4	1.19
(34,2208)	1:60:A:LEU:HD11	1:61:A:SER:HB3	4	1.19
(34,2208)	1:60:A:LEU:HD12	1:61:A:SER:HB2	4	1.19
(34,2208)	1:60:A:LEU:HD12	1:61:A:SER:HB3	4	1.19
(34,2208)	1:60:A:LEU:HD13	1:61:A:SER:HB2	4	1.19
(34,2208)	1:60:A:LEU:HD13	1:61:A:SER:HB3	4	1.19
(34,1994)	1:14:A:VAL:HG11	1:18:A:PHE:HA	6	1.19
(34,1994)	1:14:A:VAL:HG12	1:18:A:PHE:HA	6	1.19
(34,1994)	1:14:A:VAL:HG13	1:18:A:PHE:HA	6	1.19
(34,1994)	1:14:A:VAL:HG21	1:18:A:PHE:HA	6	1.19
(34,1994)	1:14:A:VAL:HG22	1:18:A:PHE:HA	6	1.19
(34,1994)	1:14:A:VAL:HG23	1:18:A:PHE:HA	6	1.19
(34,1975)	1:12:A:VAL:HG11	1:43:A:MET:HB3	10	1.19
(34,1975)	1:12:A:VAL:HG12	1:43:A:MET:HB3	10	1.19
(34,1975)	1:12:A:VAL:HG13	1:43:A:MET:HB3	10	1.19
(34,1975)	1:12:A:VAL:HG21	1:43:A:MET:HB3	10	1.19
(34,1975)	1:12:A:VAL:HG22	1:43:A:MET:HB3	10	1.19
(34,1975)	1:12:A:VAL:HG23	1:43:A:MET:HB3	10	1.19
(34,1935)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	11	1.19
(34,1935)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	11	1.19
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE1	5	1.19
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE2	5	1.19
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE3	5	1.19
(34,1490)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	5	1.19
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	7	1.19
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	7	1.19
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	7	1.19
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD11	6	1.19
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD12	6	1.19
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD13	6	1.19
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD21	6	1.19
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD22	6	1.19
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD23	6	1.19
(33,2137)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	17	1.19
(33,2137)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	17	1.19
(33,2137)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	17	1.19
(33,2137)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	17	1.19
(33,2137)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	17	1.19
(33,2137)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	17	1.19
(33,2137)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	17	1.19
(33,2137)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	17	1.19
(33,2137)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	17	1.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2137)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	17	1.19
(33,2137)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	17	1.19
(33,2137)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	17	1.19
(33,1909)	1:35:A:LEU:HG	1:80:A:TYR:HE1	13	1.19
(33,1909)	1:35:A:LEU:HG	1:80:A:TYR:HE2	13	1.19
(33,1620)	1:31:A:PRO:HG2	1:80:A:TYR:HB3	15	1.19
(33,1620)	1:31:A:PRO:HG3	1:80:A:TYR:HB3	15	1.19
(33,1439)	1:31:A:PRO:HD3	1:144:A:LEU:HA	4	1.19
(33,1343)	1:105:A:LYS:HG2	1:106:A:ASP:HA	11	1.19
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB1	19	1.19
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB2	19	1.19
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB3	19	1.19
(33,981)	1:15:A:ALA:HB1	1:134:A:VAL:HB	4	1.19
(33,981)	1:15:A:ALA:HB2	1:134:A:VAL:HB	4	1.19
(33,981)	1:15:A:ALA:HB3	1:134:A:VAL:HB	4	1.19
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD11	17	1.19
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD12	17	1.19
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD13	17	1.19
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD21	17	1.19
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD22	17	1.19
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD23	17	1.19
(32,2038)	1:31:A:PRO:HD2	1:35:A:LEU:HG	15	1.19
(32,2038)	1:31:A:PRO:HD3	1:35:A:LEU:HG	15	1.19
(32,781)	1:63:A:ILE:HD11	1:116:A:GLN:HE21	5	1.19
(32,781)	1:63:A:ILE:HD12	1:116:A:GLN:HE21	5	1.19
(32,781)	1:63:A:ILE:HD13	1:116:A:GLN:HE21	5	1.19
(30,2058)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	12	1.19
(30,2058)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	12	1.19
(30,2058)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	12	1.19
(30,2058)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	12	1.19
(30,2058)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	12	1.19
(30,2058)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	12	1.19
(30,1868)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	12	1.19
(30,1868)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	12	1.19
(30,1373)	1:47:A:ALA:H	1:134:A:VAL:HG11	8	1.19
(30,1373)	1:47:A:ALA:H	1:134:A:VAL:HG12	8	1.19
(30,1373)	1:47:A:ALA:H	1:134:A:VAL:HG13	8	1.19
(30,1166)	1:140:A:LEU:HD21	1:144:A:LEU:H	15	1.19
(30,1166)	1:140:A:LEU:HD22	1:144:A:LEU:H	15	1.19
(30,1166)	1:140:A:LEU:HD23	1:144:A:LEU:H	15	1.19
(30,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	7	1.19
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	16	1.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	16	1.19
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	16	1.19
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	16	1.19
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	16	1.19
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	16	1.19
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	16	1.19
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	16	1.19
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	16	1.19
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	16	1.19
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	16	1.19
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	16	1.19
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	16	1.19
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	16	1.19
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	16	1.19
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	16	1.19
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	16	1.19
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	16	1.19
(29,2143)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	17	1.19
(29,2143)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	17	1.19
(29,2143)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	17	1.19
(29,2143)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	17	1.19
(29,2143)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	17	1.19
(29,2143)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	17	1.19
(29,2143)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	17	1.19
(29,2143)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	17	1.19
(29,2143)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	17	1.19
(29,2143)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	17	1.19
(29,2143)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	17	1.19
(29,2143)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	17	1.19
(29,2014)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	14	1.19
(29,2014)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	14	1.19
(29,2014)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	14	1.19
(29,2014)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	14	1.19
(29,2014)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	14	1.19
(29,2014)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	14	1.19
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	7	1.19
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	7	1.19
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	7	1.19
(29,1363)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	2	1.19
(29,1363)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	2	1.19
(29,1363)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	2	1.19
(29,1259)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	17	1.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1259)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	17	1.19
(29,1259)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	17	1.19
(29,1259)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	17	1.19
(29,1259)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	17	1.19
(29,1259)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	17	1.19
(29,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	13	1.19
(29,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	13	1.19
(29,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	13	1.19
(29,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	13	1.19
(29,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	13	1.19
(29,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	13	1.19
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD11	3	1.19
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD12	3	1.19
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD13	3	1.19
(29,1002)	1:12:A:VAL:HB	1:43:A:MET:HE1	15	1.19
(29,1002)	1:12:A:VAL:HB	1:43:A:MET:HE2	15	1.19
(29,1002)	1:12:A:VAL:HB	1:43:A:MET:HE3	15	1.19
(29,961)	1:39:A:VAL:HA	1:43:A:MET:HG3	1	1.19
(29,961)	1:39:A:VAL:HA	1:43:A:MET:HG3	6	1.19
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG11	2	1.19
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG12	2	1.19
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG13	2	1.19
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG21	2	1.19
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG22	2	1.19
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG23	2	1.19
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG11	2	1.19
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG12	2	1.19
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG13	2	1.19
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG21	2	1.19
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG22	2	1.19
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG23	2	1.19
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG11	2	1.19
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG12	2	1.19
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG13	2	1.19
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG21	2	1.19
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG22	2	1.19
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG23	2	1.19
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD11	17	1.19
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD12	17	1.19
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD13	17	1.19
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD21	17	1.19
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD22	17	1.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD23	17	1.19
(18,1851)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	12	1.19
(18,1851)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	12	1.19
(18,1731)	1:112:A:GLN:HG2	1:113:A:PHE:HA	12	1.19
(18,1731)	1:112:A:GLN:HG3	1:113:A:PHE:HA	12	1.19
(18,1343)	1:141:A:LYS:HB2	1:149:A:ALA:HA	17	1.19
(18,1343)	1:141:A:LYS:HB3	1:149:A:ALA:HA	17	1.19
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	16	1.19
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	16	1.19
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	16	1.19
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD11	12	1.19
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD12	12	1.19
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD13	12	1.19
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD21	12	1.19
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD22	12	1.19
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD23	12	1.19
(17,2221)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	12	1.19
(17,2221)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	12	1.19
(17,2221)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	12	1.19
(17,2221)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	12	1.19
(17,2221)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	12	1.19
(17,2221)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	12	1.19
(17,2221)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	12	1.19
(17,2221)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	12	1.19
(17,2221)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	12	1.19
(17,2221)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	12	1.19
(17,2221)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	12	1.19
(17,2221)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	12	1.19
(17,2221)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	12	1.19
(17,2221)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	12	1.19
(17,2221)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	12	1.19
(17,2221)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	12	1.19
(17,2221)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	12	1.19
(17,2221)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	12	1.19
(17,2221)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	12	1.19
(17,2221)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	12	1.19
(17,2221)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	12	1.19
(17,2221)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	12	1.19
(17,2221)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	12	1.19
(17,2221)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	12	1.19
(17,2221)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	12	1.19
(17,2221)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	12	1.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2221)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	12	1.19
(17,2221)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	12	1.19
(17,2221)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	12	1.19
(17,2221)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	12	1.19
(17,2221)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	12	1.19
(17,2221)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	12	1.19
(17,2221)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	12	1.19
(17,2221)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	12	1.19
(17,2221)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	12	1.19
(17,2221)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	12	1.19
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD11	5	1.19
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD12	5	1.19
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD13	5	1.19
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD21	5	1.19
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD22	5	1.19
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD23	5	1.19
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD11	5	1.19
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD12	5	1.19
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD13	5	1.19
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD21	5	1.19
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD22	5	1.19
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD23	5	1.19
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD11	5	1.19
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD12	5	1.19
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD13	5	1.19
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD21	5	1.19
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD22	5	1.19
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD23	5	1.19
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD11	6	1.19
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD12	6	1.19
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD13	6	1.19
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD21	6	1.19
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD22	6	1.19
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD23	6	1.19
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD11	6	1.19
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD12	6	1.19
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD13	6	1.19
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD21	6	1.19
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD22	6	1.19
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD23	6	1.19
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD11	6	1.19
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD12	6	1.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD13	6	1.19
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD21	6	1.19
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD22	6	1.19
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD23	6	1.19
(17,1497)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	5	1.19
(17,1365)	1:141:A:LYS:HB2	1:149:A:ALA:HA	17	1.19
(17,1365)	1:141:A:LYS:HB3	1:149:A:ALA:HA	17	1.19
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD21	16	1.19
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD22	16	1.19
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD23	16	1.19
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD21	16	1.19
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD22	16	1.19
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD23	16	1.19
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD21	16	1.19
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD22	16	1.19
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD23	16	1.19
(17,999)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	17	1.19
(17,999)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	17	1.19
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	1	1.19
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	1	1.19
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	1	1.19
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	1	1.19
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	1	1.19
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	1	1.19
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	9	1.19
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	9	1.19
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	9	1.19
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	9	1.19
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	9	1.19
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	9	1.19
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	9	1.19
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	9	1.19
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	9	1.19
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	9	1.19
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	9	1.19
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	9	1.19
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	11	1.19
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	11	1.19
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	11	1.19
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	11	1.19
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	11	1.19
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	11	1.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	11	1.19
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	11	1.19
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	11	1.19
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	11	1.19
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	11	1.19
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	11	1.19
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD11	6	1.19
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD12	6	1.19
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD13	6	1.19
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD21	6	1.19
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD22	6	1.19
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD23	6	1.19
(16,1808)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	5	1.19
(16,1808)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	5	1.19
(16,1473)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	5	1.19
(16,1180)	1:39:A:VAL:HA	1:140:A:LEU:HD21	4	1.19
(16,1180)	1:39:A:VAL:HA	1:140:A:LEU:HD22	4	1.19
(16,1180)	1:39:A:VAL:HA	1:140:A:LEU:HD23	4	1.19
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	1	1.19
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	1	1.19
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	1	1.19
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	1	1.19
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	1	1.19
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	1	1.19
(15,1962)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	1	1.19
(15,1962)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	1	1.19
(15,1962)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	1	1.19
(15,1962)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	1	1.19
(15,1962)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	1	1.19
(15,1962)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	1	1.19
(15,1904)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	11	1.19
(15,1904)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	11	1.19
(15,1575)	1:98:A:ILE:HD11	1:115:A:ALA:H	9	1.19
(15,1575)	1:98:A:ILE:HD12	1:115:A:ALA:H	9	1.19
(15,1575)	1:98:A:ILE:HD13	1:115:A:ALA:H	9	1.19
(15,1375)	1:12:A:VAL:HG21	1:13:A:ALA:HA	19	1.19
(15,1375)	1:12:A:VAL:HG22	1:13:A:ALA:HA	19	1.19
(15,1375)	1:12:A:VAL:HG23	1:13:A:ALA:HA	19	1.19
(15,487)	1:147:A:ARG:HD2	1:148:A:CYS:H	3	1.19
(15,487)	1:147:A:ARG:HD3	1:148:A:CYS:H	3	1.19
(15,487)	1:147:A:ARG:HD2	1:148:A:CYS:H	7	1.19
(15,487)	1:147:A:ARG:HD3	1:148:A:CYS:H	7	1.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	14	1.19
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	14	1.19
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	14	1.19
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	14	1.19
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	14	1.19
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	14	1.19
(13,1826)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	12	1.19
(13,1826)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	12	1.19
(13,1412)	1:31:A:PRO:HD3	1:144:A:LEU:HA	4	1.19
(13,417)	1:100:A:ALA:H	1:119:A:LEU:HB3	15	1.19
(11,2094)	1:35:A:LEU:HD11	1:143:A:TRP:HA	19	1.19
(11,2094)	1:35:A:LEU:HD12	1:143:A:TRP:HA	19	1.19
(11,2094)	1:35:A:LEU:HD13	1:143:A:TRP:HA	19	1.19
(11,2094)	1:35:A:LEU:HD21	1:143:A:TRP:HA	19	1.19
(11,2094)	1:35:A:LEU:HD22	1:143:A:TRP:HA	19	1.19
(11,2094)	1:35:A:LEU:HD23	1:143:A:TRP:HA	19	1.19
(11,1996)	1:12:A:VAL:HG11	1:43:A:MET:H	18	1.19
(11,1996)	1:12:A:VAL:HG12	1:43:A:MET:H	18	1.19
(11,1996)	1:12:A:VAL:HG13	1:43:A:MET:H	18	1.19
(11,1996)	1:12:A:VAL:HG21	1:43:A:MET:H	18	1.19
(11,1996)	1:12:A:VAL:HG22	1:43:A:MET:H	18	1.19
(11,1996)	1:12:A:VAL:HG23	1:43:A:MET:H	18	1.19
(11,1943)	1:11:A:ILE:HD11	1:18:A:PHE:HZ	18	1.19
(11,1943)	1:11:A:ILE:HD12	1:18:A:PHE:HZ	18	1.19
(11,1943)	1:11:A:ILE:HD13	1:18:A:PHE:HZ	18	1.19
(11,1931)	1:35:A:LEU:HG	1:80:A:TYR:HE1	13	1.19
(11,1931)	1:35:A:LEU:HG	1:80:A:TYR:HE2	13	1.19
(11,1651)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	16	1.19
(11,1651)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	16	1.19
(11,1651)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	16	1.19
(11,1651)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	16	1.19
(11,1651)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	16	1.19
(11,1651)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	16	1.19
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	7	1.19
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	7	1.19
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	7	1.19
(11,1334)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	19	1.19
(11,1334)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	19	1.19
(11,1334)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	19	1.19
(11,324)	1:44:A:GLU:HG2	1:46:A:ASN:H	13	1.19
(9,1176)	1:39:A:VAL:HA	1:140:A:LEU:HD21	4	1.19
(9,1176)	1:39:A:VAL:HA	1:140:A:LEU:HD22	4	1.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1176)	1:39:A:VAL:HA	1:140:A:LEU:HD23	4	1.19
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD11	3	1.19
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD12	3	1.19
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD13	3	1.19
(9,914)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	13	1.19
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	1	1.19
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	1	1.19
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	1	1.19
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	1	1.19
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	1	1.19
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	1	1.19
(9,743)	1:105:A:LYS:HG2	1:112:A:GLN:HE21	7	1.19
(7,2185)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	7	1.19
(7,2185)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	7	1.19
(7,2185)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	7	1.19
(7,2185)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	7	1.19
(7,2185)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	7	1.19
(7,2185)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	7	1.19
(7,2185)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	7	1.19
(7,2185)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	7	1.19
(7,2185)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	7	1.19
(7,2185)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	7	1.19
(7,2185)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	7	1.19
(7,2185)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	7	1.19
(7,2185)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	7	1.19
(7,2185)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	7	1.19
(7,2185)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	7	1.19
(7,2185)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	7	1.19
(7,2185)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	7	1.19
(7,2185)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	7	1.19
(7,2185)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	7	1.19
(7,2185)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	7	1.19
(7,2185)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	7	1.19
(7,2185)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	7	1.19
(7,2185)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	7	1.19
(7,2185)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	7	1.19
(7,2185)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	7	1.19
(7,2185)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	7	1.19
(7,2185)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	7	1.19
(7,2185)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	7	1.19
(7,2185)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	7	1.19
(7,2185)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	7	1.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2185)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	7	1.19
(7,2185)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	7	1.19
(7,2185)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	7	1.19
(7,2185)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	7	1.19
(7,2185)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	7	1.19
(7,2185)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	7	1.19
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	2	1.19
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	2	1.19
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	2	1.19
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	2	1.19
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	2	1.19
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	2	1.19
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD11	3	1.19
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD12	3	1.19
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD13	3	1.19
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD21	3	1.19
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD22	3	1.19
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD23	3	1.19
(7,1838)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	12	1.19
(7,1838)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	12	1.19
(7,1269)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	18	1.19
(7,1269)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	18	1.19
(7,1269)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	18	1.19
(7,1153)	1:39:A:VAL:HA	1:140:A:LEU:HD21	4	1.19
(7,1153)	1:39:A:VAL:HA	1:140:A:LEU:HD22	4	1.19
(7,1153)	1:39:A:VAL:HA	1:140:A:LEU:HD23	4	1.19
(7,995)	1:79:A:THR:HG21	1:81:A:GLU:HB2	1	1.19
(7,995)	1:79:A:THR:HG22	1:81:A:GLU:HB2	1	1.19
(7,995)	1:79:A:THR:HG23	1:81:A:GLU:HB2	1	1.19
(7,995)	1:79:A:THR:HG21	1:81:A:GLU:HB2	3	1.19
(7,995)	1:79:A:THR:HG22	1:81:A:GLU:HB2	3	1.19
(7,995)	1:79:A:THR:HG23	1:81:A:GLU:HB2	3	1.19
(7,960)	1:15:A:ALA:HB1	1:134:A:VAL:HB	4	1.19
(7,960)	1:15:A:ALA:HB2	1:134:A:VAL:HB	4	1.19
(7,960)	1:15:A:ALA:HB3	1:134:A:VAL:HB	4	1.19
(7,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	7	1.19
(7,44)	1:44:A:GLU:HG2	1:47:A:ALA:H	17	1.19
(6,1920)	1:35:A:LEU:HG	1:80:A:TYR:HE1	13	1.19
(6,1920)	1:35:A:LEU:HG	1:80:A:TYR:HE2	13	1.19
(6,1872)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	12	1.19
(6,1872)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	12	1.19
(6,1618)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	16	1.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1618)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	16	1.19
(6,1618)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	16	1.19
(6,1618)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	16	1.19
(6,1618)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	16	1.19
(6,1618)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	16	1.19
(6,1437)	1:31:A:PRO:HD3	1:144:A:LEU:HA	4	1.19
(6,963)	1:15:A:ALA:HB1	1:134:A:VAL:HB	4	1.19
(6,963)	1:15:A:ALA:HB2	1:134:A:VAL:HB	4	1.19
(6,963)	1:15:A:ALA:HB3	1:134:A:VAL:HB	4	1.19
(6,217)	1:44:A:GLU:HG2	1:48:A:ARG:H	7	1.19
(5,1752)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	8	1.19
(5,1752)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	8	1.19
(5,1752)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	8	1.19
(5,1257)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	3	1.19
(5,1257)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	3	1.19
(5,1257)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	3	1.19
(5,1247)	1:39:A:VAL:H	1:139:A:LEU:HD21	17	1.19
(5,1247)	1:39:A:VAL:H	1:139:A:LEU:HD22	17	1.19
(5,1247)	1:39:A:VAL:H	1:139:A:LEU:HD23	17	1.19
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD11	3	1.19
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD12	3	1.19
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD13	3	1.19
(5,1031)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	13	1.19
(5,990)	1:12:A:VAL:HB	1:43:A:MET:HE1	15	1.19
(5,990)	1:12:A:VAL:HB	1:43:A:MET:HE2	15	1.19
(5,990)	1:12:A:VAL:HB	1:43:A:MET:HE3	15	1.19
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	16	1.19
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	16	1.19
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	16	1.19
(5,705)	1:28:A:GLY:H	1:30:A:LEU:HB2	4	1.19
(5,705)	1:28:A:GLY:H	1:30:A:LEU:HB3	4	1.19
(5,705)	1:28:A:GLY:H	1:30:A:LEU:HB2	19	1.19
(5,705)	1:28:A:GLY:H	1:30:A:LEU:HB3	19	1.19
(5,306)	1:40:A:LEU:HD11	1:43:A:MET:H	17	1.19
(5,306)	1:40:A:LEU:HD12	1:43:A:MET:H	17	1.19
(5,306)	1:40:A:LEU:HD13	1:43:A:MET:H	17	1.19
(4,1878)	1:150:A:THR:H	1:151:A:PHE:HD1	14	1.19
(4,1878)	1:150:A:THR:H	1:151:A:PHE:HD2	14	1.19
(4,1334)	1:141:A:LYS:HB2	1:149:A:ALA:HA	17	1.19
(4,1334)	1:141:A:LYS:HB3	1:149:A:ALA:HA	17	1.19
(4,965)	1:15:A:ALA:HB1	1:134:A:VAL:HB	4	1.19
(4,965)	1:15:A:ALA:HB2	1:134:A:VAL:HB	4	1.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,965)	1:15:A:ALA:HB3	1:134:A:VAL:HB	4	1.19
(4,50)	1:44:A:GLU:HG2	1:47:A:ALA:H	17	1.19
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD11	6	1.19
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD12	6	1.19
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD13	6	1.19
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD21	6	1.19
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD22	6	1.19
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD23	6	1.19
(3,1937)	1:35:A:LEU:HG	1:80:A:TYR:HE1	13	1.19
(3,1937)	1:35:A:LEU:HG	1:80:A:TYR:HE2	13	1.19
(3,1895)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	12	1.19
(3,1895)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	12	1.19
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	7	1.19
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	7	1.19
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	7	1.19
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD21	19	1.19
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD22	19	1.19
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD23	19	1.19
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD11	10	1.19
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD12	10	1.19
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD13	10	1.19
(3,1006)	1:12:A:VAL:HB	1:43:A:MET:HE1	15	1.19
(3,1006)	1:12:A:VAL:HB	1:43:A:MET:HE2	15	1.19
(3,1006)	1:12:A:VAL:HB	1:43:A:MET:HE3	15	1.19
(3,990)	1:47:A:ALA:HB1	1:134:A:VAL:HB	13	1.19
(3,990)	1:47:A:ALA:HB2	1:134:A:VAL:HB	13	1.19
(3,990)	1:47:A:ALA:HB3	1:134:A:VAL:HB	13	1.19
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	6	1.19
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	6	1.19
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	6	1.19
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	6	1.19
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	6	1.19
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	6	1.19
(3,425)	1:100:A:ALA:H	1:119:A:LEU:HB3	15	1.19
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD11	17	1.19
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD12	17	1.19
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD13	17	1.19
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD21	17	1.19
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD22	17	1.19
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD23	17	1.19
(2,1932)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	8	1.19
(2,1932)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	8	1.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1932)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	8	1.19
(2,1932)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	8	1.19
(2,1811)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	15	1.19
(2,1811)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	15	1.19
(2,1811)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	15	1.19
(2,1811)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	15	1.19
(2,1811)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	15	1.19
(2,1811)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	15	1.19
(2,1078)	1:48:A:ARG:HG2	1:49:A:LYS:HA	10	1.19
(2,1078)	1:48:A:ARG:HG3	1:49:A:LYS:HA	10	1.19
(1,1836)	1:9:A:PHE:HZ	1:57:A:LEU:HA	16	1.19
(1,1635)	1:33:A:LYS:HA	1:80:A:TYR:HB2	1	1.19
(1,1595)	1:98:A:ILE:HD11	1:115:A:ALA:H	9	1.19
(1,1595)	1:98:A:ILE:HD12	1:115:A:ALA:H	9	1.19
(1,1595)	1:98:A:ILE:HD13	1:115:A:ALA:H	9	1.19
(1,1359)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	2	1.19
(1,1359)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	2	1.19
(1,1359)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	2	1.19
(1,1353)	1:141:A:LYS:HB2	1:149:A:ALA:HA	17	1.19
(1,1353)	1:141:A:LYS:HB3	1:149:A:ALA:HA	17	1.19
(34,2207)	1:60:A:LEU:HG	1:61:A:SER:HB2	17	1.18
(34,2207)	1:60:A:LEU:HG	1:61:A:SER:HB3	17	1.18
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG11	1	1.18
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG12	1	1.18
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG13	1	1.18
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG21	1	1.18
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG22	1	1.18
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG23	1	1.18
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	5	1.18
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	5	1.18
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	5	1.18
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	5	1.18
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	5	1.18
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	5	1.18
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	5	1.18
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	5	1.18
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	5	1.18
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	5	1.18
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	5	1.18
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	5	1.18
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	14	1.18
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	14	1.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	14	1.18
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	14	1.18
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	14	1.18
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	14	1.18
(34,1977)	1:12:A:VAL:HG11	1:79:A:THR:HA	4	1.18
(34,1977)	1:12:A:VAL:HG12	1:79:A:THR:HA	4	1.18
(34,1977)	1:12:A:VAL:HG13	1:79:A:THR:HA	4	1.18
(34,1977)	1:12:A:VAL:HG21	1:79:A:THR:HA	4	1.18
(34,1977)	1:12:A:VAL:HG22	1:79:A:THR:HA	4	1.18
(34,1977)	1:12:A:VAL:HG23	1:79:A:THR:HA	4	1.18
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG11	12	1.18
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG12	12	1.18
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG13	12	1.18
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	12	1.18
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	12	1.18
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	12	1.18
(34,1490)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	13	1.18
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	13	1.18
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	13	1.18
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	13	1.18
(34,1318)	1:66:A:THR:HG21	1:96:A:VAL:H	13	1.18
(34,1318)	1:66:A:THR:HG22	1:96:A:VAL:H	13	1.18
(34,1318)	1:66:A:THR:HG23	1:96:A:VAL:H	13	1.18
(34,1113)	1:101:A:ILE:HG21	1:112:A:GLN:HA	19	1.18
(34,1113)	1:101:A:ILE:HG22	1:112:A:GLN:HA	19	1.18
(34,1113)	1:101:A:ILE:HG23	1:112:A:GLN:HA	19	1.18
(34,1086)	1:110:A:MET:HG2	1:114:A:ILE:HG13	10	1.18
(34,1086)	1:110:A:MET:HG3	1:114:A:ILE:HG13	10	1.18
(34,701)	1:54:A:ARG:HD2	1:56:A:CYS:H	14	1.18
(34,701)	1:54:A:ARG:HD3	1:56:A:CYS:H	14	1.18
(34,60)	1:34:A:LYS:H	1:81:A:GLU:H	11	1.18
(33,2307)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	3	1.18
(33,2307)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	3	1.18
(33,2307)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	3	1.18
(33,2307)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	3	1.18
(33,2307)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	3	1.18
(33,2307)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	3	1.18
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD11	17	1.18
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD12	17	1.18
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD13	17	1.18
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD21	17	1.18
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD22	17	1.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD23	17	1.18
(33,2018)	1:18:A:PHE:HB2	1:132:A:ALA:HA	13	1.18
(33,2018)	1:18:A:PHE:HB3	1:132:A:ALA:HA	13	1.18
(33,1343)	1:105:A:LYS:HG2	1:106:A:ASP:HA	5	1.18
(33,1343)	1:105:A:LYS:HG2	1:106:A:ASP:HA	19	1.18
(33,718)	1:44:A:GLU:HB2	1:54:A:ARG:HE	19	1.18
(33,718)	1:44:A:GLU:HB3	1:54:A:ARG:HE	19	1.18
(33,691)	1:54:A:ARG:HD2	1:56:A:CYS:H	14	1.18
(33,691)	1:54:A:ARG:HD3	1:56:A:CYS:H	14	1.18
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG2	10	1.18
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	10	1.18
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG2	10	1.18
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	10	1.18
(32,2038)	1:31:A:PRO:HD2	1:35:A:LEU:HG	6	1.18
(32,2038)	1:31:A:PRO:HD3	1:35:A:LEU:HG	6	1.18
(32,1925)	1:11:A:ILE:HG13	1:44:A:GLU:HG2	15	1.18
(32,1925)	1:11:A:ILE:HG13	1:44:A:GLU:HG3	15	1.18
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE1	15	1.18
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE2	15	1.18
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE3	15	1.18
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE1	15	1.18
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE2	15	1.18
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE3	15	1.18
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE1	15	1.18
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE2	15	1.18
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE3	15	1.18
(32,1440)	1:101:A:ILE:HG21	1:116:A:GLN:H	19	1.18
(32,1440)	1:101:A:ILE:HG22	1:116:A:GLN:H	19	1.18
(32,1440)	1:101:A:ILE:HG23	1:116:A:GLN:H	19	1.18
(32,1208)	1:39:A:VAL:HA	1:139:A:LEU:HD21	17	1.18
(32,1208)	1:39:A:VAL:HA	1:139:A:LEU:HD22	17	1.18
(32,1208)	1:39:A:VAL:HA	1:139:A:LEU:HD23	17	1.18
(32,1027)	1:110:A:MET:HG2	1:114:A:ILE:HG13	10	1.18
(32,1027)	1:110:A:MET:HG3	1:114:A:ILE:HG13	10	1.18
(32,57)	1:34:A:LYS:H	1:81:A:GLU:H	11	1.18
(30,2134)	1:39:A:VAL:HG11	1:144:A:LEU:H	3	1.18
(30,2134)	1:39:A:VAL:HG12	1:144:A:LEU:H	3	1.18
(30,2134)	1:39:A:VAL:HG13	1:144:A:LEU:H	3	1.18
(30,2134)	1:39:A:VAL:HG21	1:144:A:LEU:H	3	1.18
(30,2134)	1:39:A:VAL:HG22	1:144:A:LEU:H	3	1.18
(30,2134)	1:39:A:VAL:HG23	1:144:A:LEU:H	3	1.18
(30,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	7	1.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	7	1.18
(30,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	7	1.18
(30,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	7	1.18
(30,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	7	1.18
(30,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	7	1.18
(30,1948)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	9	1.18
(30,1948)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	9	1.18
(30,1948)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	9	1.18
(30,1948)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	9	1.18
(30,1948)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	9	1.18
(30,1948)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	9	1.18
(30,1827)	1:9:A:PHE:HZ	1:57:A:LEU:HA	12	1.18
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG11	1	1.18
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG12	1	1.18
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG13	1	1.18
(30,1596)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	15	1.18
(30,1596)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	15	1.18
(30,1596)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	15	1.18
(30,1596)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	15	1.18
(30,1596)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	15	1.18
(30,1596)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	15	1.18
(30,1596)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	15	1.18
(30,1596)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	15	1.18
(30,1596)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	15	1.18
(30,1343)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	2	1.18
(30,1343)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	2	1.18
(30,1343)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	2	1.18
(30,1235)	1:39:A:VAL:HA	1:139:A:LEU:HD21	17	1.18
(30,1235)	1:39:A:VAL:HA	1:139:A:LEU:HD22	17	1.18
(30,1235)	1:39:A:VAL:HA	1:139:A:LEU:HD23	17	1.18
(30,1166)	1:140:A:LEU:HD21	1:144:A:LEU:H	2	1.18
(30,1166)	1:140:A:LEU:HD22	1:144:A:LEU:H	2	1.18
(30,1166)	1:140:A:LEU:HD23	1:144:A:LEU:H	2	1.18
(30,693)	1:54:A:ARG:HD2	1:56:A:CYS:H	14	1.18
(30,693)	1:54:A:ARG:HD3	1:56:A:CYS:H	14	1.18
(30,687)	1:145:A:PRO:HB3	1:148:A:CYS:H	16	1.18
(30,629)	1:9:A:PHE:HZ	1:58:A:ILE:H	2	1.18
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	13	1.18
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	13	1.18
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	13	1.18
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	13	1.18
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	13	1.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	13	1.18
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	1	1.18
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	1	1.18
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	1	1.18
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	1	1.18
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	1	1.18
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	1	1.18
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	9	1.18
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	9	1.18
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	9	1.18
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	9	1.18
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	9	1.18
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	9	1.18
(29,700)	1:54:A:ARG:HD2	1:56:A:CYS:H	14	1.18
(29,700)	1:54:A:ARG:HD3	1:56:A:CYS:H	14	1.18
(20,2)	1:123:A:CYS:SG	1:127:A:CYS:SG	14	1.18
(19,5)	1:123:A:CYS:SG	1:127:A:CYS:CB	14	1.18
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD11	6	1.18
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD12	6	1.18
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD13	6	1.18
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD21	6	1.18
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD22	6	1.18
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD23	6	1.18
(18,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	7	1.18
(18,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	7	1.18
(18,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	7	1.18
(18,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	7	1.18
(18,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	7	1.18
(18,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	7	1.18
(18,1974)	1:12:A:VAL:HG11	1:43:A:MET:H	18	1.18
(18,1974)	1:12:A:VAL:HG12	1:43:A:MET:H	18	1.18
(18,1974)	1:12:A:VAL:HG13	1:43:A:MET:H	18	1.18
(18,1974)	1:12:A:VAL:HG21	1:43:A:MET:H	18	1.18
(18,1974)	1:12:A:VAL:HG22	1:43:A:MET:H	18	1.18
(18,1974)	1:12:A:VAL:HG23	1:43:A:MET:H	18	1.18
(18,1731)	1:112:A:GLN:HG2	1:113:A:PHE:HA	6	1.18
(18,1731)	1:112:A:GLN:HG3	1:113:A:PHE:HA	6	1.18
(18,1731)	1:112:A:GLN:HG2	1:113:A:PHE:HA	15	1.18
(18,1731)	1:112:A:GLN:HG3	1:113:A:PHE:HA	15	1.18
(18,1643)	1:69:A:MET:HE1	1:116:A:GLN:HG3	7	1.18
(18,1643)	1:69:A:MET:HE2	1:116:A:GLN:HG3	7	1.18
(18,1643)	1:69:A:MET:HE3	1:116:A:GLN:HG3	7	1.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE1	12	1.18
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE2	12	1.18
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE3	12	1.18
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE1	12	1.18
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE2	12	1.18
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE3	12	1.18
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE1	12	1.18
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE2	12	1.18
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE3	12	1.18
(18,767)	1:147:A:ARG:HA	1:147:A:ARG:HE	17	1.18
(18,706)	1:54:A:ARG:HD2	1:56:A:CYS:H	14	1.18
(18,706)	1:54:A:ARG:HD3	1:56:A:CYS:H	14	1.18
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG11	8	1.18
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG12	8	1.18
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG13	8	1.18
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG21	8	1.18
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG22	8	1.18
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG23	8	1.18
(17,2145)	1:40:A:LEU:HD11	1:41:A:LYS:HA	13	1.18
(17,2145)	1:40:A:LEU:HD12	1:41:A:LYS:HA	13	1.18
(17,2145)	1:40:A:LEU:HD13	1:41:A:LYS:HA	13	1.18
(17,2145)	1:40:A:LEU:HD21	1:41:A:LYS:HA	13	1.18
(17,2145)	1:40:A:LEU:HD22	1:41:A:LYS:HA	13	1.18
(17,2145)	1:40:A:LEU:HD23	1:41:A:LYS:HA	13	1.18
(17,1964)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	9	1.18
(17,1964)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	9	1.18
(17,1964)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	9	1.18
(17,1964)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	9	1.18
(17,1964)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	9	1.18
(17,1964)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	9	1.18
(17,1841)	1:9:A:PHE:HZ	1:57:A:LEU:HA	12	1.18
(17,1497)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	13	1.18
(17,1298)	1:66:A:THR:HG21	1:96:A:VAL:H	13	1.18
(17,1298)	1:66:A:THR:HG22	1:96:A:VAL:H	13	1.18
(17,1298)	1:66:A:THR:HG23	1:96:A:VAL:H	13	1.18
(17,1185)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	17	1.18
(17,1185)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	17	1.18
(17,1185)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	17	1.18
(17,1185)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	17	1.18
(17,1185)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	17	1.18
(17,1185)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	17	1.18
(17,692)	1:54:A:ARG:HD2	1:56:A:CYS:H	14	1.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,692)	1:54:A:ARG:HD3	1:56:A:CYS:H	14	1.18
(17,475)	1:147:A:ARG:HD2	1:148:A:CYS:H	4	1.18
(17,475)	1:147:A:ARG:HD3	1:148:A:CYS:H	4	1.18
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	12	1.18
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	12	1.18
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	12	1.18
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	12	1.18
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	12	1.18
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	12	1.18
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	12	1.18
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	12	1.18
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	12	1.18
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	12	1.18
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	12	1.18
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	12	1.18
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	12	1.18
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	12	1.18
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	12	1.18
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	12	1.18
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	12	1.18
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	12	1.18
(16,1933)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	9	1.18
(16,1933)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	9	1.18
(16,1933)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	9	1.18
(16,1933)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	9	1.18
(16,1933)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	9	1.18
(16,1933)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	9	1.18
(16,1763)	1:95:A:ILE:HB	1:97:A:ASP:HB2	4	1.18
(16,1763)	1:95:A:ILE:HB	1:97:A:ASP:HB3	4	1.18
(16,1533)	1:69:A:MET:HE1	1:76:A:ARG:HB2	4	1.18
(16,1533)	1:69:A:MET:HE2	1:76:A:ARG:HB2	4	1.18
(16,1533)	1:69:A:MET:HE3	1:76:A:ARG:HB2	4	1.18
(16,1473)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	13	1.18
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG21	2	1.18
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG22	2	1.18
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG23	2	1.18
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	14	1.18
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	14	1.18
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	14	1.18
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	14	1.18
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	14	1.18
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	14	1.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,700)	1:54:A:ARG:HD2	1:56:A:CYS:H	14	1.18
(16,700)	1:54:A:ARG:HD3	1:56:A:CYS:H	14	1.18
(16,59)	1:34:A:LYS:H	1:81:A:GLU:H	11	1.18
(15,1926)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	9	1.18
(15,1926)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	9	1.18
(15,1926)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	9	1.18
(15,1926)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	9	1.18
(15,1926)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	9	1.18
(15,1926)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	9	1.18
(15,1874)	1:18:A:PHE:HE1	1:61:A:SER:H	2	1.18
(15,1874)	1:18:A:PHE:HE2	1:61:A:SER:H	2	1.18
(15,1754)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	3	1.18
(15,1754)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	3	1.18
(15,1754)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	3	1.18
(15,1375)	1:12:A:VAL:HG21	1:13:A:ALA:HA	7	1.18
(15,1375)	1:12:A:VAL:HG22	1:13:A:ALA:HA	7	1.18
(15,1375)	1:12:A:VAL:HG23	1:13:A:ALA:HA	7	1.18
(15,1375)	1:12:A:VAL:HG21	1:13:A:ALA:HA	8	1.18
(15,1375)	1:12:A:VAL:HG22	1:13:A:ALA:HA	8	1.18
(15,1375)	1:12:A:VAL:HG23	1:13:A:ALA:HA	8	1.18
(15,1375)	1:12:A:VAL:HG21	1:13:A:ALA:HA	15	1.18
(15,1375)	1:12:A:VAL:HG22	1:13:A:ALA:HA	15	1.18
(15,1375)	1:12:A:VAL:HG23	1:13:A:ALA:HA	15	1.18
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	2	1.18
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	2	1.18
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	2	1.18
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	2	1.18
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	2	1.18
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	2	1.18
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	2	1.18
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	2	1.18
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	2	1.18
(15,487)	1:147:A:ARG:HD2	1:148:A:CYS:H	11	1.18
(15,487)	1:147:A:ARG:HD3	1:148:A:CYS:H	11	1.18
(15,14)	1:64:A:LYS:H	1:116:A:GLN:HG2	8	1.18
(13,1734)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	3	1.18
(13,1734)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	3	1.18
(13,1734)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	3	1.18
(13,678)	1:54:A:ARG:HD2	1:56:A:CYS:H	14	1.18
(13,678)	1:54:A:ARG:HD3	1:56:A:CYS:H	14	1.18
(11,2217)	1:60:A:LEU:HG	1:61:A:SER:HB2	17	1.18
(11,2217)	1:60:A:LEU:HG	1:61:A:SER:HB3	17	1.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	13	1.18
(11,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	13	1.18
(11,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	13	1.18
(11,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	13	1.18
(11,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	13	1.18
(11,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	13	1.18
(11,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	13	1.18
(11,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	13	1.18
(11,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	13	1.18
(11,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	13	1.18
(11,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	13	1.18
(11,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	13	1.18
(11,1628)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	16	1.18
(11,1628)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	16	1.18
(11,1628)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	16	1.18
(11,1628)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	16	1.18
(11,1628)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	16	1.18
(11,1628)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	16	1.18
(11,1624)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	15	1.18
(11,1624)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	15	1.18
(11,1624)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	15	1.18
(11,1624)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	15	1.18
(11,1624)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	15	1.18
(11,1624)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	15	1.18
(11,1624)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	15	1.18
(11,1624)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	15	1.18
(11,1624)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	15	1.18
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	13	1.18
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	13	1.18
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	13	1.18
(11,1069)	1:110:A:MET:HG2	1:114:A:ILE:HG13	10	1.18
(11,1069)	1:110:A:MET:HG3	1:114:A:ILE:HG13	10	1.18
(11,1001)	1:35:A:LEU:HG	1:143:A:TRP:HB3	15	1.18
(11,692)	1:54:A:ARG:HD2	1:56:A:CYS:H	14	1.18
(11,692)	1:54:A:ARG:HD3	1:56:A:CYS:H	14	1.18
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	6	1.18
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	6	1.18
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	6	1.18
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	6	1.18
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	6	1.18
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	6	1.18
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	6	1.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	6	1.18
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	6	1.18
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	6	1.18
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	6	1.18
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	6	1.18
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	6	1.18
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	6	1.18
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	6	1.18
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	6	1.18
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	6	1.18
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	6	1.18
(9,2001)	1:17:A:ASN:HD21	1:78:A:HIS:H	9	1.18
(9,2001)	1:17:A:ASN:HD22	1:78:A:HIS:H	9	1.18
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB2	5	1.18
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB3	5	1.18
(7,2274)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	3	1.18
(7,2274)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	3	1.18
(7,2274)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	3	1.18
(7,2274)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	3	1.18
(7,2274)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	3	1.18
(7,2274)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	3	1.18
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD11	18	1.18
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD12	18	1.18
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD13	18	1.18
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD21	18	1.18
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD22	18	1.18
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD23	18	1.18
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD11	18	1.18
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD12	18	1.18
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD13	18	1.18
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD21	18	1.18
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD22	18	1.18
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD23	18	1.18
(7,1792)	1:9:A:PHE:HZ	1:57:A:LEU:HA	12	1.18
(7,1730)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	3	1.18
(7,1730)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	3	1.18
(7,1730)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	3	1.18
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE1	15	1.18
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE2	15	1.18
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE3	15	1.18
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE1	15	1.18
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE2	15	1.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE3	15	1.18
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE1	15	1.18
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE2	15	1.18
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE3	15	1.18
(7,1251)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	2	1.18
(7,1251)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	2	1.18
(7,1251)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	2	1.18
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD21	18	1.18
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD22	18	1.18
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD23	18	1.18
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	2	1.18
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	2	1.18
(7,954)	1:11:A:ILE:HG12	1:14:A:VAL:HB	9	1.18
(7,954)	1:11:A:ILE:HG12	1:14:A:VAL:HB	19	1.18
(7,688)	1:54:A:ARG:HD2	1:56:A:CYS:H	14	1.18
(7,688)	1:54:A:ARG:HD3	1:56:A:CYS:H	14	1.18
(7,629)	1:9:A:PHE:HZ	1:58:A:ILE:H	2	1.18
(7,44)	1:44:A:GLU:HG2	1:47:A:ALA:H	19	1.18
(6,2209)	1:60:A:LEU:HG	1:61:A:SER:HB2	17	1.18
(6,2209)	1:60:A:LEU:HG	1:61:A:SER:HB3	17	1.18
(6,2029)	1:17:A:ASN:HD21	1:79:A:THR:H	1	1.18
(6,2029)	1:17:A:ASN:HD22	1:79:A:THR:H	1	1.18
(6,2028)	1:17:A:ASN:HD21	1:78:A:HIS:H	9	1.18
(6,2028)	1:17:A:ASN:HD22	1:78:A:HIS:H	9	1.18
(6,1924)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	19	1.18
(6,1830)	1:9:A:PHE:HZ	1:57:A:LEU:HA	12	1.18
(6,1505)	1:43:A:MET:HE1	1:46:A:ASN:HB2	17	1.18
(6,1505)	1:43:A:MET:HE2	1:46:A:ASN:HB2	17	1.18
(6,1505)	1:43:A:MET:HE3	1:46:A:ASN:HB2	17	1.18
(6,1279)	1:66:A:THR:HG21	1:96:A:VAL:H	13	1.18
(6,1279)	1:66:A:THR:HG22	1:96:A:VAL:H	13	1.18
(6,1279)	1:66:A:THR:HG23	1:96:A:VAL:H	13	1.18
(6,869)	1:14:A:VAL:HA	1:18:A:PHE:HB2	17	1.18
(6,776)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	2	1.18
(6,776)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	2	1.18
(6,776)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	2	1.18
(6,776)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	16	1.18
(6,776)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	16	1.18
(6,776)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	16	1.18
(6,742)	1:147:A:ARG:HA	1:147:A:ARG:HE	17	1.18
(6,687)	1:54:A:ARG:HD2	1:56:A:CYS:H	14	1.18
(6,687)	1:54:A:ARG:HD3	1:56:A:CYS:H	14	1.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD11	5	1.18
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD12	5	1.18
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD13	5	1.18
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD21	5	1.18
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD22	5	1.18
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD23	5	1.18
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD11	5	1.18
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD12	5	1.18
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD13	5	1.18
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD21	5	1.18
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD22	5	1.18
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD23	5	1.18
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD11	5	1.18
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD12	5	1.18
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD13	5	1.18
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD21	5	1.18
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD22	5	1.18
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD23	5	1.18
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	8	1.18
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	8	1.18
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	8	1.18
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	8	1.18
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	8	1.18
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	8	1.18
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	8	1.18
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	8	1.18
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	8	1.18
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	8	1.18
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	8	1.18
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	8	1.18
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	8	1.18
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	8	1.18
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	8	1.18
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	8	1.18
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	8	1.18
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	8	1.18
(5,1962)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	3	1.18
(5,1962)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	3	1.18
(5,1962)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	3	1.18
(5,1962)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	3	1.18
(5,1962)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	3	1.18
(5,1962)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	3	1.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	15	1.18
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	15	1.18
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	15	1.18
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	15	1.18
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	15	1.18
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	15	1.18
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	15	1.18
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	15	1.18
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	15	1.18
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD11	2	1.18
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD12	2	1.18
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD13	2	1.18
(5,1311)	1:66:A:THR:HG21	1:96:A:VAL:H	13	1.18
(5,1311)	1:66:A:THR:HG22	1:96:A:VAL:H	13	1.18
(5,1311)	1:66:A:THR:HG23	1:96:A:VAL:H	13	1.18
(5,1137)	1:40:A:LEU:HA	1:44:A:GLU:HG3	14	1.18
(5,1005)	1:14:A:VAL:HG21	1:61:A:SER:HB3	8	1.18
(5,1005)	1:14:A:VAL:HG22	1:61:A:SER:HB3	8	1.18
(5,1005)	1:14:A:VAL:HG23	1:61:A:SER:HB3	8	1.18
(5,887)	1:11:A:ILE:HB	1:44:A:GLU:HG3	15	1.18
(5,692)	1:54:A:ARG:HD2	1:56:A:CYS:H	14	1.18
(5,692)	1:54:A:ARG:HD3	1:56:A:CYS:H	14	1.18
(4,2062)	1:34:A:LYS:H	1:81:A:GLU:HB2	19	1.18
(4,2062)	1:34:A:LYS:H	1:81:A:GLU:HB3	19	1.18
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	14	1.18
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	14	1.18
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	14	1.18
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	14	1.18
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	14	1.18
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	14	1.18
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD11	1	1.18
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD12	1	1.18
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD13	1	1.18
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD21	1	1.18
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD22	1	1.18
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD23	1	1.18
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD11	1	1.18
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD12	1	1.18
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD13	1	1.18
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD21	1	1.18
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD22	1	1.18
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD23	1	1.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	15	1.18
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	15	1.18
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	15	1.18
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	15	1.18
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	15	1.18
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	15	1.18
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	15	1.18
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	15	1.18
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	15	1.18
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	15	1.18
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	15	1.18
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	15	1.18
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	15	1.18
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	15	1.18
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	15	1.18
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	15	1.18
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	15	1.18
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	15	1.18
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	15	1.18
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	15	1.18
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	15	1.18
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	15	1.18
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	15	1.18
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	15	1.18
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	15	1.18
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	15	1.18
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	15	1.18
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	15	1.18
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	15	1.18
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	15	1.18
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	15	1.18
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	15	1.18
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	15	1.18
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	15	1.18
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	15	1.18
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	15	1.18
(4,1867)	1:18:A:PHE:HE1	1:61:A:SER:H	2	1.18
(4,1867)	1:18:A:PHE:HE2	1:61:A:SER:H	2	1.18
(4,1483)	1:43:A:MET:HE1	1:46:A:ASN:HD22	17	1.18
(4,1483)	1:43:A:MET:HE2	1:46:A:ASN:HD22	17	1.18
(4,1483)	1:43:A:MET:HE3	1:46:A:ASN:HD22	17	1.18
(4,1322)	1:105:A:LYS:HD2	1:106:A:ASP:HA	15	1.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1322)	1:105:A:LYS:HD3	1:106:A:ASP:HA	15	1.18
(4,1040)	1:110:A:MET:HG2	1:114:A:ILE:HG13	10	1.18
(4,1040)	1:110:A:MET:HG3	1:114:A:ILE:HG13	10	1.18
(4,833)	1:48:A:ARG:HD2	1:49:A:LYS:HA	1	1.18
(4,833)	1:48:A:ARG:HD3	1:49:A:LYS:HA	1	1.18
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD11	19	1.18
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD12	19	1.18
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD13	19	1.18
(4,776)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	2	1.18
(4,776)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	2	1.18
(4,776)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	2	1.18
(4,776)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	16	1.18
(4,776)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	16	1.18
(4,776)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	16	1.18
(4,739)	1:147:A:ARG:HA	1:147:A:ARG:HE	17	1.18
(4,703)	1:48:A:ARG:HE	1:49:A:LYS:HA	1	1.18
(4,683)	1:54:A:ARG:HD2	1:56:A:CYS:H	14	1.18
(4,683)	1:54:A:ARG:HD3	1:56:A:CYS:H	14	1.18
(4,50)	1:44:A:GLU:HG2	1:47:A:ALA:H	19	1.18
(3,1946)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	9	1.18
(3,1946)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	9	1.18
(3,1946)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	9	1.18
(3,1940)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	19	1.18
(3,1905)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	13	1.18
(3,1905)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	13	1.18
(3,1905)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	13	1.18
(3,1905)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	13	1.18
(3,1865)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	1	1.18
(3,1865)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	1	1.18
(3,1865)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	1	1.18
(3,1854)	1:9:A:PHE:HZ	1:57:A:LEU:HA	12	1.18
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE1	15	1.18
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE2	15	1.18
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE3	15	1.18
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE1	15	1.18
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE2	15	1.18
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE3	15	1.18
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE1	15	1.18
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE2	15	1.18
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE3	15	1.18
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	13	1.18
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	13	1.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	13	1.18
(3,1481)	1:13:A:ALA:HB1	1:78:A:HIS:HA	5	1.18
(3,1481)	1:13:A:ALA:HB2	1:78:A:HIS:HA	5	1.18
(3,1481)	1:13:A:ALA:HB3	1:78:A:HIS:HA	5	1.18
(3,1315)	1:66:A:THR:HG21	1:96:A:VAL:H	13	1.18
(3,1315)	1:66:A:THR:HG22	1:96:A:VAL:H	13	1.18
(3,1315)	1:66:A:THR:HG23	1:96:A:VAL:H	13	1.18
(3,1075)	1:110:A:MET:HG2	1:114:A:ILE:HG13	10	1.18
(3,1075)	1:110:A:MET:HG3	1:114:A:ILE:HG13	10	1.18
(3,1032)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	14	1.18
(3,728)	1:44:A:GLU:HB2	1:54:A:ARG:HE	19	1.18
(3,728)	1:44:A:GLU:HB3	1:54:A:ARG:HE	19	1.18
(3,698)	1:54:A:ARG:HD2	1:56:A:CYS:H	14	1.18
(3,698)	1:54:A:ARG:HD3	1:56:A:CYS:H	14	1.18
(3,692)	1:145:A:PRO:HB3	1:148:A:CYS:H	16	1.18
(3,638)	1:9:A:PHE:HZ	1:58:A:ILE:H	2	1.18
(3,485)	1:145:A:PRO:HB2	1:148:A:CYS:H	5	1.18
(3,63)	1:34:A:LYS:H	1:81:A:GLU:H	11	1.18
(2,2317)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	3	1.18
(2,2317)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	3	1.18
(2,2317)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	3	1.18
(2,2317)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	3	1.18
(2,2317)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	3	1.18
(2,2317)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	3	1.18
(2,2033)	1:16:A:SER:HB2	1:19:A:ALA:HB1	11	1.18
(2,2033)	1:16:A:SER:HB2	1:19:A:ALA:HB2	11	1.18
(2,2033)	1:16:A:SER:HB2	1:19:A:ALA:HB3	11	1.18
(2,2033)	1:16:A:SER:HB3	1:19:A:ALA:HB1	11	1.18
(2,2033)	1:16:A:SER:HB3	1:19:A:ALA:HB2	11	1.18
(2,2033)	1:16:A:SER:HB3	1:19:A:ALA:HB3	11	1.18
(2,1932)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	9	1.18
(2,1932)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	9	1.18
(2,1932)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	9	1.18
(2,1932)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	9	1.18
(2,1787)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	3	1.18
(2,1787)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	3	1.18
(2,1787)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	3	1.18
(2,1369)	1:39:A:VAL:HG11	1:144:A:LEU:H	3	1.18
(2,1369)	1:39:A:VAL:HG12	1:144:A:LEU:H	3	1.18
(2,1369)	1:39:A:VAL:HG13	1:144:A:LEU:H	3	1.18
(2,1052)	1:110:A:MET:HG2	1:114:A:ILE:HG13	10	1.18
(2,1052)	1:110:A:MET:HG3	1:114:A:ILE:HG13	10	1.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,714)	1:44:A:GLU:HB2	1:54:A:ARG:HE	19	1.18
(2,714)	1:44:A:GLU:HB3	1:54:A:ARG:HE	19	1.18
(2,424)	1:39:A:VAL:HG21	1:143:A:TRP:H	14	1.18
(2,424)	1:39:A:VAL:HG22	1:143:A:TRP:H	14	1.18
(2,424)	1:39:A:VAL:HG23	1:143:A:TRP:H	14	1.18
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	15	1.18
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	15	1.18
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	15	1.18
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	15	1.18
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	15	1.18
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	15	1.18
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	15	1.18
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	15	1.18
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	15	1.18
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE1	15	1.18
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE2	15	1.18
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE3	15	1.18
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE1	15	1.18
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE2	15	1.18
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE3	15	1.18
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE1	15	1.18
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE2	15	1.18
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE3	15	1.18
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	13	1.18
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	13	1.18
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	13	1.18
(1,1295)	1:66:A:THR:HG21	1:96:A:VAL:H	13	1.18
(1,1295)	1:66:A:THR:HG22	1:96:A:VAL:H	13	1.18
(1,1295)	1:66:A:THR:HG23	1:96:A:VAL:H	13	1.18
(1,1274)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	2	1.18
(1,1274)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	2	1.18
(1,1274)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	2	1.18
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	2	1.18
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	2	1.18
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	2	1.18
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	2	1.18
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	2	1.18
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	2	1.18
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	2	1.18
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	2	1.18
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	2	1.18
(1,701)	1:54:A:ARG:HD2	1:56:A:CYS:H	14	1.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,701)	1:54:A:ARG:HD3	1:56:A:CYS:H	14	1.18
(34,2208)	1:60:A:LEU:HD11	1:61:A:SER:HB2	6	1.17
(34,2208)	1:60:A:LEU:HD11	1:61:A:SER:HB3	6	1.17
(34,2208)	1:60:A:LEU:HD12	1:61:A:SER:HB2	6	1.17
(34,2208)	1:60:A:LEU:HD12	1:61:A:SER:HB3	6	1.17
(34,2208)	1:60:A:LEU:HD13	1:61:A:SER:HB2	6	1.17
(34,2208)	1:60:A:LEU:HD13	1:61:A:SER:HB3	6	1.17
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	6	1.17
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	6	1.17
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	6	1.17
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	6	1.17
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	6	1.17
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	6	1.17
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	6	1.17
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	6	1.17
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	6	1.17
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	6	1.17
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	6	1.17
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	6	1.17
(34,1909)	1:150:A:THR:H	1:151:A:PHE:HD1	14	1.17
(34,1909)	1:150:A:THR:H	1:151:A:PHE:HD2	14	1.17
(34,1180)	1:13:A:ALA:HB1	1:80:A:TYR:HA	9	1.17
(34,1180)	1:13:A:ALA:HB2	1:80:A:TYR:HA	9	1.17
(34,1180)	1:13:A:ALA:HB3	1:80:A:TYR:HA	9	1.17
(34,572)	1:10:A:ASN:HD21	1:11:A:ILE:HB	17	1.17
(34,111)	1:69:A:MET:H	1:70:A:LYS:HG2	5	1.17
(34,48)	1:44:A:GLU:HG3	1:47:A:ALA:H	10	1.17
(33,2133)	1:40:A:LEU:HD11	1:41:A:LYS:HA	11	1.17
(33,2133)	1:40:A:LEU:HD12	1:41:A:LYS:HA	11	1.17
(33,2133)	1:40:A:LEU:HD13	1:41:A:LYS:HA	11	1.17
(33,2133)	1:40:A:LEU:HD21	1:41:A:LYS:HA	11	1.17
(33,2133)	1:40:A:LEU:HD22	1:41:A:LYS:HA	11	1.17
(33,2133)	1:40:A:LEU:HD23	1:41:A:LYS:HA	11	1.17
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD11	2	1.17
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD12	2	1.17
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD13	2	1.17
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD21	2	1.17
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD22	2	1.17
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD23	2	1.17
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE1	14	1.17
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE2	14	1.17
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE3	14	1.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE1	14	1.17
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE2	14	1.17
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE3	14	1.17
(33,1643)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	13	1.17
(33,1643)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	13	1.17
(33,1643)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	13	1.17
(33,1643)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	13	1.17
(33,1643)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	13	1.17
(33,1643)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	13	1.17
(33,1643)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	13	1.17
(33,1643)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	13	1.17
(33,1643)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	13	1.17
(33,1619)	1:125:A:THR:HA	1:127:A:CYS:HB3	2	1.17
(33,1343)	1:105:A:LYS:HG2	1:106:A:ASP:HA	6	1.17
(33,1343)	1:105:A:LYS:HG2	1:106:A:ASP:HA	8	1.17
(33,1343)	1:105:A:LYS:HG2	1:106:A:ASP:HA	18	1.17
(33,1080)	1:101:A:ILE:HG21	1:112:A:GLN:HA	19	1.17
(33,1080)	1:101:A:ILE:HG22	1:112:A:GLN:HA	19	1.17
(33,1080)	1:101:A:ILE:HG23	1:112:A:GLN:HA	19	1.17
(33,50)	1:44:A:GLU:HG3	1:47:A:ALA:H	10	1.17
(32,2488)	1:144:A:LEU:HD11	1:146:A:GLN:HE21	1	1.17
(32,2488)	1:144:A:LEU:HD11	1:146:A:GLN:HE22	1	1.17
(32,2488)	1:144:A:LEU:HD12	1:146:A:GLN:HE21	1	1.17
(32,2488)	1:144:A:LEU:HD12	1:146:A:GLN:HE22	1	1.17
(32,2488)	1:144:A:LEU:HD13	1:146:A:GLN:HE21	1	1.17
(32,2488)	1:144:A:LEU:HD13	1:146:A:GLN:HE22	1	1.17
(32,2488)	1:144:A:LEU:HD21	1:146:A:GLN:HE21	1	1.17
(32,2488)	1:144:A:LEU:HD21	1:146:A:GLN:HE22	1	1.17
(32,2488)	1:144:A:LEU:HD22	1:146:A:GLN:HE21	1	1.17
(32,2488)	1:144:A:LEU:HD22	1:146:A:GLN:HE22	1	1.17
(32,2488)	1:144:A:LEU:HD23	1:146:A:GLN:HE21	1	1.17
(32,2488)	1:144:A:LEU:HD23	1:146:A:GLN:HE22	1	1.17
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD11	2	1.17
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD12	2	1.17
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD13	2	1.17
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD21	2	1.17
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD22	2	1.17
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD23	2	1.17
(32,1873)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	17	1.17
(32,1873)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	17	1.17
(32,1873)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	17	1.17
(32,1873)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	17	1.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1873)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	17	1.17
(32,1873)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	17	1.17
(32,1589)	1:13:A:ALA:HA	1:80:A:TYR:HB3	17	1.17
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD21	2	1.17
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD22	2	1.17
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD23	2	1.17
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD21	18	1.17
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD22	18	1.17
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD23	18	1.17
(32,1116)	1:13:A:ALA:HB1	1:80:A:TYR:HA	9	1.17
(32,1116)	1:13:A:ALA:HB2	1:80:A:TYR:HA	9	1.17
(32,1116)	1:13:A:ALA:HB3	1:80:A:TYR:HA	9	1.17
(32,1053)	1:101:A:ILE:HG21	1:112:A:GLN:HA	19	1.17
(32,1053)	1:101:A:ILE:HG22	1:112:A:GLN:HA	19	1.17
(32,1053)	1:101:A:ILE:HG23	1:112:A:GLN:HA	19	1.17
(32,680)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	17	1.17
(32,680)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	17	1.17
(30,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	3	1.17
(30,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	3	1.17
(30,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	3	1.17
(30,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	3	1.17
(30,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	3	1.17
(30,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	3	1.17
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	17	1.17
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	17	1.17
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	17	1.17
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	17	1.17
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE1	7	1.17
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE2	7	1.17
(30,1166)	1:140:A:LEU:HD21	1:144:A:LEU:H	19	1.17
(30,1166)	1:140:A:LEU:HD22	1:144:A:LEU:H	19	1.17
(30,1166)	1:140:A:LEU:HD23	1:144:A:LEU:H	19	1.17
(30,1021)	1:60:A:LEU:H	1:63:A:ILE:HG13	17	1.17
(30,989)	1:35:A:LEU:HG	1:143:A:TRP:HB3	5	1.17
(29,2061)	1:27:A:ARG:HA	1:30:A:LEU:HD11	10	1.17
(29,2061)	1:27:A:ARG:HA	1:30:A:LEU:HD12	10	1.17
(29,2061)	1:27:A:ARG:HA	1:30:A:LEU:HD13	10	1.17
(29,2061)	1:27:A:ARG:HA	1:30:A:LEU:HD21	10	1.17
(29,2061)	1:27:A:ARG:HA	1:30:A:LEU:HD22	10	1.17
(29,2061)	1:27:A:ARG:HA	1:30:A:LEU:HD23	10	1.17
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD11	12	1.17
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD12	12	1.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD13	12	1.17
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD21	12	1.17
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD22	12	1.17
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD23	12	1.17
(29,1483)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	15	1.17
(29,1392)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	10	1.17
(29,1392)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	10	1.17
(29,1392)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	10	1.17
(29,1166)	1:13:A:ALA:HB1	1:80:A:TYR:HA	9	1.17
(29,1166)	1:13:A:ALA:HB2	1:80:A:TYR:HA	9	1.17
(29,1166)	1:13:A:ALA:HB3	1:80:A:TYR:HA	9	1.17
(29,1096)	1:101:A:ILE:HG21	1:112:A:GLN:HA	19	1.17
(29,1096)	1:101:A:ILE:HG22	1:112:A:GLN:HA	19	1.17
(29,1096)	1:101:A:ILE:HG23	1:112:A:GLN:HA	19	1.17
(29,1046)	1:60:A:LEU:H	1:63:A:ILE:HG13	17	1.17
(29,714)	1:23:A:LEU:HB2	1:27:A:ARG:HE	17	1.17
(29,714)	1:23:A:LEU:HB3	1:27:A:ARG:HE	17	1.17
(29,49)	1:44:A:GLU:HG3	1:47:A:ALA:H	10	1.17
(18,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	3	1.17
(18,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	3	1.17
(18,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	3	1.17
(18,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	3	1.17
(18,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	3	1.17
(18,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	3	1.17
(18,1731)	1:112:A:GLN:HG2	1:113:A:PHE:HA	14	1.17
(18,1731)	1:112:A:GLN:HG3	1:113:A:PHE:HA	14	1.17
(18,1465)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	15	1.17
(18,1026)	1:79:A:THR:HG21	1:81:A:GLU:HB2	17	1.17
(18,1026)	1:79:A:THR:HG22	1:81:A:GLU:HB2	17	1.17
(18,1026)	1:79:A:THR:HG23	1:81:A:GLU:HB2	17	1.17
(18,322)	1:11:A:ILE:HD11	1:43:A:MET:H	15	1.17
(18,322)	1:11:A:ILE:HD12	1:43:A:MET:H	15	1.17
(18,322)	1:11:A:ILE:HD13	1:43:A:MET:H	15	1.17
(17,2056)	1:27:A:ARG:HA	1:30:A:LEU:HD11	10	1.17
(17,2056)	1:27:A:ARG:HA	1:30:A:LEU:HD12	10	1.17
(17,2056)	1:27:A:ARG:HA	1:30:A:LEU:HD13	10	1.17
(17,2056)	1:27:A:ARG:HA	1:30:A:LEU:HD21	10	1.17
(17,2056)	1:27:A:ARG:HA	1:30:A:LEU:HD22	10	1.17
(17,2056)	1:27:A:ARG:HA	1:30:A:LEU:HD23	10	1.17
(17,1643)	1:13:A:ALA:HA	1:80:A:TYR:HB3	17	1.17
(17,107)	1:69:A:MET:H	1:70:A:LYS:HG2	5	1.17
(17,45)	1:44:A:GLU:HG3	1:47:A:ALA:H	10	1.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG11	16	1.17
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG12	16	1.17
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG13	16	1.17
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG21	16	1.17
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG22	16	1.17
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG23	16	1.17
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD11	2	1.17
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD12	2	1.17
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD13	2	1.17
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD21	2	1.17
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD22	2	1.17
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD23	2	1.17
(16,1616)	1:125:A:THR:HA	1:127:A:CYS:HB3	2	1.17
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG21	3	1.17
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG22	3	1.17
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG23	3	1.17
(16,1036)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	5	1.17
(16,1036)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	5	1.17
(16,727)	1:63:A:ILE:HG12	1:116:A:GLN:HE22	2	1.17
(16,627)	1:34:A:LYS:HG2	1:35:A:LEU:H	19	1.17
(16,627)	1:34:A:LYS:HG3	1:35:A:LEU:H	19	1.17
(16,107)	1:69:A:MET:H	1:70:A:LYS:HG2	5	1.17
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE1	14	1.17
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE2	14	1.17
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE3	14	1.17
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE1	14	1.17
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE2	14	1.17
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE3	14	1.17
(15,1892)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	7	1.17
(15,1375)	1:12:A:VAL:HG21	1:13:A:ALA:HA	1	1.17
(15,1375)	1:12:A:VAL:HG22	1:13:A:ALA:HA	1	1.17
(15,1375)	1:12:A:VAL:HG23	1:13:A:ALA:HA	1	1.17
(15,1084)	1:101:A:ILE:HG21	1:112:A:GLN:HA	19	1.17
(15,1084)	1:101:A:ILE:HG22	1:112:A:GLN:HA	19	1.17
(15,1084)	1:101:A:ILE:HG23	1:112:A:GLN:HA	19	1.17
(15,762)	1:13:A:ALA:HB1	1:34:A:LYS:H	8	1.17
(15,762)	1:13:A:ALA:HB2	1:34:A:LYS:H	8	1.17
(15,762)	1:13:A:ALA:HB3	1:34:A:LYS:H	8	1.17
(15,594)	1:75:A:GLY:H	1:77:A:CYS:HB3	17	1.17
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG11	5	1.17
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG12	5	1.17
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG13	5	1.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG21	5	1.17
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG22	5	1.17
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG23	5	1.17
(13,2097)	1:43:A:MET:HE1	1:46:A:ASN:HD21	4	1.17
(13,2097)	1:43:A:MET:HE1	1:46:A:ASN:HD22	4	1.17
(13,2097)	1:43:A:MET:HE2	1:46:A:ASN:HD21	4	1.17
(13,2097)	1:43:A:MET:HE2	1:46:A:ASN:HD22	4	1.17
(13,2097)	1:43:A:MET:HE3	1:46:A:ASN:HD21	4	1.17
(13,2097)	1:43:A:MET:HE3	1:46:A:ASN:HD22	4	1.17
(13,2007)	1:27:A:ARG:HA	1:30:A:LEU:HD11	10	1.17
(13,2007)	1:27:A:ARG:HA	1:30:A:LEU:HD12	10	1.17
(13,2007)	1:27:A:ARG:HA	1:30:A:LEU:HD13	10	1.17
(13,2007)	1:27:A:ARG:HA	1:30:A:LEU:HD21	10	1.17
(13,2007)	1:27:A:ARG:HA	1:30:A:LEU:HD22	10	1.17
(13,2007)	1:27:A:ARG:HA	1:30:A:LEU:HD23	10	1.17
(13,1937)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	8	1.17
(13,1937)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	8	1.17
(13,1937)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	8	1.17
(13,1937)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	8	1.17
(13,1937)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	8	1.17
(13,1937)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	8	1.17
(13,1674)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	11	1.17
(13,1674)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	11	1.17
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	1	1.17
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	1	1.17
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	1	1.17
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	1	1.17
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	1	1.17
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	1	1.17
(11,2418)	1:134:A:VAL:HG11	1:137:A:SER:H	18	1.17
(11,2418)	1:134:A:VAL:HG12	1:137:A:SER:H	18	1.17
(11,2418)	1:134:A:VAL:HG13	1:137:A:SER:H	18	1.17
(11,2418)	1:134:A:VAL:HG21	1:137:A:SER:H	18	1.17
(11,2418)	1:134:A:VAL:HG22	1:137:A:SER:H	18	1.17
(11,2418)	1:134:A:VAL:HG23	1:137:A:SER:H	18	1.17
(11,2093)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	5	1.17
(11,2093)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	5	1.17
(11,2093)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	5	1.17
(11,2093)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	5	1.17
(11,2093)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	5	1.17
(11,2093)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	5	1.17
(11,2093)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	5	1.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2093)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	5	1.17
(11,2093)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	5	1.17
(11,2093)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	5	1.17
(11,2093)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	5	1.17
(11,2093)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	5	1.17
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	18	1.17
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	18	1.17
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	18	1.17
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	18	1.17
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	18	1.17
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	18	1.17
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	18	1.17
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	18	1.17
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	18	1.17
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	18	1.17
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	18	1.17
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	18	1.17
(11,1844)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	15	1.17
(11,1844)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	15	1.17
(11,1739)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	11	1.17
(11,1739)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	11	1.17
(11,1660)	1:125:A:THR:HA	1:127:A:CYS:HB3	2	1.17
(11,1659)	1:13:A:ALA:HA	1:80:A:TYR:HB3	17	1.17
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB2	13	1.17
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB3	13	1.17
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB2	13	1.17
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB3	13	1.17
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB2	13	1.17
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB3	13	1.17
(11,1474)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	7	1.17
(11,1474)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	7	1.17
(11,1474)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	7	1.17
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD11	1	1.17
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD12	1	1.17
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD13	1	1.17
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD11	1	1.17
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD12	1	1.17
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD13	1	1.17
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD11	1	1.17
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD12	1	1.17
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD13	1	1.17
(11,971)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	16	1.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,971)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	16	1.17
(11,324)	1:44:A:GLU:HG2	1:46:A:ASN:H	17	1.17
(11,49)	1:44:A:GLU:HG3	1:47:A:ALA:H	10	1.17
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG11	2	1.17
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG12	2	1.17
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG13	2	1.17
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG21	2	1.17
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG22	2	1.17
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG23	2	1.17
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG11	2	1.17
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG12	2	1.17
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG13	2	1.17
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG21	2	1.17
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG22	2	1.17
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG23	2	1.17
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG11	2	1.17
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG12	2	1.17
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG13	2	1.17
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG21	2	1.17
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG22	2	1.17
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG23	2	1.17
(9,2059)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	19	1.17
(9,2059)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	19	1.17
(9,2059)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	19	1.17
(9,2059)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	19	1.17
(9,2059)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	19	1.17
(9,2059)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	19	1.17
(9,48)	1:44:A:GLU:HG3	1:47:A:ALA:H	10	1.17
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD11	5	1.17
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD12	5	1.17
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD13	5	1.17
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD21	5	1.17
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD22	5	1.17
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD23	5	1.17
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD11	7	1.17
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD12	7	1.17
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD13	7	1.17
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD21	7	1.17
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD22	7	1.17
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD23	7	1.17
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD11	9	1.17
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD12	9	1.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD13	9	1.17
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD21	9	1.17
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD22	9	1.17
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD23	9	1.17
(7,2050)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	19	1.17
(7,2050)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	19	1.17
(7,2050)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	19	1.17
(7,2050)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	19	1.17
(7,2050)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	19	1.17
(7,2050)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	19	1.17
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD11	17	1.17
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD12	17	1.17
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD13	17	1.17
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD21	17	1.17
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD22	17	1.17
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD23	17	1.17
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD11	17	1.17
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD12	17	1.17
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD13	17	1.17
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD21	17	1.17
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD22	17	1.17
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD23	17	1.17
(7,1782)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	15	1.17
(7,1782)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	15	1.17
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD2	18	1.17
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD3	18	1.17
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD2	18	1.17
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD3	18	1.17
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD2	18	1.17
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD3	18	1.17
(7,1685)	1:79:A:THR:HG21	1:81:A:GLU:HB3	6	1.17
(7,1685)	1:79:A:THR:HG22	1:81:A:GLU:HB3	6	1.17
(7,1685)	1:79:A:THR:HG23	1:81:A:GLU:HB3	6	1.17
(7,1600)	1:125:A:THR:HA	1:127:A:CYS:HB3	2	1.17
(7,1599)	1:13:A:ALA:HA	1:80:A:TYR:HB3	17	1.17
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	18	1.17
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	18	1.17
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	18	1.17
(7,1452)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	15	1.17
(6,2050)	1:27:A:ARG:HA	1:30:A:LEU:HD11	10	1.17
(6,2050)	1:27:A:ARG:HA	1:30:A:LEU:HD12	10	1.17
(6,2050)	1:27:A:ARG:HA	1:30:A:LEU:HD13	10	1.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2050)	1:27:A:ARG:HA	1:30:A:LEU:HD21	10	1.17
(6,2050)	1:27:A:ARG:HA	1:30:A:LEU:HD22	10	1.17
(6,2050)	1:27:A:ARG:HA	1:30:A:LEU:HD23	10	1.17
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	1.17
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	1.17
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	1.17
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	1.17
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	1.17
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	1.17
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	1.17
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	1.17
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	1.17
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	1.17
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	1.17
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	1.17
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	10	1.17
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	10	1.17
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	10	1.17
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	10	1.17
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	10	1.17
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	10	1.17
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	10	1.17
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	10	1.17
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	10	1.17
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	10	1.17
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	10	1.17
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	10	1.17
(6,1704)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	11	1.17
(6,1704)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	11	1.17
(6,1626)	1:125:A:THR:HA	1:127:A:CYS:HB3	2	1.17
(6,1625)	1:13:A:ALA:HA	1:80:A:TYR:HB3	17	1.17
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG21	1	1.17
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG22	1	1.17
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG23	1	1.17
(6,1067)	1:101:A:ILE:HG21	1:112:A:GLN:HA	19	1.17
(6,1067)	1:101:A:ILE:HG22	1:112:A:GLN:HA	19	1.17
(6,1067)	1:101:A:ILE:HG23	1:112:A:GLN:HA	19	1.17
(6,43)	1:44:A:GLU:HG3	1:47:A:ALA:H	10	1.17
(5,2065)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	3	1.17
(5,2065)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	3	1.17
(5,2065)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	3	1.17
(5,2065)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	3	1.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2065)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	3	1.17
(5,2065)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	3	1.17
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD11	12	1.17
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD12	12	1.17
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD13	12	1.17
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD21	12	1.17
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD22	12	1.17
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD23	12	1.17
(5,2003)	1:17:A:ASN:HB2	1:63:A:ILE:HD11	11	1.17
(5,2003)	1:17:A:ASN:HB2	1:63:A:ILE:HD12	11	1.17
(5,2003)	1:17:A:ASN:HB2	1:63:A:ILE:HD13	11	1.17
(5,2003)	1:17:A:ASN:HB3	1:63:A:ILE:HD11	11	1.17
(5,2003)	1:17:A:ASN:HB3	1:63:A:ILE:HD12	11	1.17
(5,2003)	1:17:A:ASN:HB3	1:63:A:ILE:HD13	11	1.17
(5,1752)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	12	1.17
(5,1752)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	12	1.17
(5,1752)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	12	1.17
(5,1641)	1:13:A:ALA:HA	1:80:A:TYR:HB3	17	1.17
(5,1334)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	8	1.17
(5,1334)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	8	1.17
(5,1334)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	8	1.17
(5,1334)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	8	1.17
(5,1334)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	8	1.17
(5,1334)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	8	1.17
(5,1334)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	8	1.17
(5,1334)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	8	1.17
(5,1334)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	8	1.17
(5,1206)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	18	1.17
(5,1206)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	18	1.17
(5,1206)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	18	1.17
(5,1165)	1:13:A:ALA:HB1	1:80:A:TYR:HA	9	1.17
(5,1165)	1:13:A:ALA:HB2	1:80:A:TYR:HA	9	1.17
(5,1165)	1:13:A:ALA:HB3	1:80:A:TYR:HA	9	1.17
(5,1092)	1:101:A:ILE:HG21	1:112:A:GLN:HA	19	1.17
(5,1092)	1:101:A:ILE:HG22	1:112:A:GLN:HA	19	1.17
(5,1092)	1:101:A:ILE:HG23	1:112:A:GLN:HA	19	1.17
(5,1000)	1:95:A:ILE:HG21	1:105:A:LYS:HB2	16	1.17
(5,1000)	1:95:A:ILE:HG21	1:105:A:LYS:HB3	16	1.17
(5,1000)	1:95:A:ILE:HG22	1:105:A:LYS:HB2	16	1.17
(5,1000)	1:95:A:ILE:HG22	1:105:A:LYS:HB3	16	1.17
(5,1000)	1:95:A:ILE:HG23	1:105:A:LYS:HB2	16	1.17
(5,1000)	1:95:A:ILE:HG23	1:105:A:LYS:HB3	16	1.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,967)	1:11:A:ILE:HD11	1:43:A:MET:HB2	14	1.17
(5,967)	1:11:A:ILE:HD12	1:43:A:MET:HB2	14	1.17
(5,967)	1:11:A:ILE:HD13	1:43:A:MET:HB2	14	1.17
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	7	1.17
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	7	1.17
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	7	1.17
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	7	1.17
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	7	1.17
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	7	1.17
(5,573)	1:148:A:CYS:HA	1:150:A:THR:H	5	1.17
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE1	4	1.17
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE2	4	1.17
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE3	4	1.17
(4,11)	1:64:A:LYS:H	1:116:A:GLN:HG2	17	1.17
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD2	4	1.17
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD3	4	1.17
(3,2171)	1:43:A:MET:HE1	1:46:A:ASN:HD21	4	1.17
(3,2171)	1:43:A:MET:HE1	1:46:A:ASN:HD22	4	1.17
(3,2171)	1:43:A:MET:HE2	1:46:A:ASN:HD21	4	1.17
(3,2171)	1:43:A:MET:HE2	1:46:A:ASN:HD22	4	1.17
(3,2171)	1:43:A:MET:HE3	1:46:A:ASN:HD21	4	1.17
(3,2171)	1:43:A:MET:HE3	1:46:A:ASN:HD22	4	1.17
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG21	1	1.17
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG22	1	1.17
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG23	1	1.17
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG21	1	1.17
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG22	1	1.17
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG23	1	1.17
(3,980)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	16	1.17
(3,980)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	16	1.17
(3,807)	1:11:A:ILE:HD11	1:43:A:MET:HG3	10	1.17
(3,807)	1:11:A:ILE:HD12	1:43:A:MET:HG3	10	1.17
(3,807)	1:11:A:ILE:HD13	1:43:A:MET:HG3	10	1.17
(3,714)	1:23:A:LEU:HB2	1:27:A:ARG:HE	17	1.17
(3,714)	1:23:A:LEU:HB3	1:27:A:ARG:HE	17	1.17
(3,235)	1:40:A:LEU:HD11	1:44:A:GLU:H	7	1.17
(3,235)	1:40:A:LEU:HD12	1:44:A:GLU:H	7	1.17
(3,235)	1:40:A:LEU:HD13	1:44:A:GLU:H	7	1.17
(2,2471)	1:145:A:PRO:HB2	1:148:A:CYS:HB2	1	1.17
(2,2471)	1:145:A:PRO:HB2	1:148:A:CYS:HB3	1	1.17
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE1	14	1.17
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE2	14	1.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE3	14	1.17
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE1	14	1.17
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE2	14	1.17
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE3	14	1.17
(2,1369)	1:39:A:VAL:HG11	1:144:A:LEU:H	9	1.17
(2,1369)	1:39:A:VAL:HG12	1:144:A:LEU:H	9	1.17
(2,1369)	1:39:A:VAL:HG13	1:144:A:LEU:H	9	1.17
(2,1076)	1:101:A:ILE:HG21	1:112:A:GLN:HA	19	1.17
(2,1076)	1:101:A:ILE:HG22	1:112:A:GLN:HA	19	1.17
(2,1076)	1:101:A:ILE:HG23	1:112:A:GLN:HA	19	1.17
(2,577)	1:148:A:CYS:HA	1:150:A:THR:H	5	1.17
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG11	8	1.17
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG12	8	1.17
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG13	8	1.17
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG21	8	1.17
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG22	8	1.17
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG23	8	1.17
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG11	8	1.17
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG12	8	1.17
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG13	8	1.17
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG21	8	1.17
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG22	8	1.17
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG23	8	1.17
(1,1638)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	2	1.17
(1,1483)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	15	1.17
(1,1092)	1:101:A:ILE:HG21	1:112:A:GLN:HA	19	1.17
(1,1092)	1:101:A:ILE:HG22	1:112:A:GLN:HA	19	1.17
(1,1092)	1:101:A:ILE:HG23	1:112:A:GLN:HA	19	1.17
(1,972)	1:40:A:LEU:HA	1:43:A:MET:HG2	5	1.17
(1,972)	1:40:A:LEU:HA	1:43:A:MET:HG2	15	1.17
(1,915)	1:67:A:PRO:HD3	1:95:A:ILE:HB	8	1.17
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	8	1.16
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	8	1.16
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	8	1.16
(34,1362)	1:17:A:ASN:HA	1:76:A:ARG:HA	10	1.16
(34,1318)	1:66:A:THR:HG21	1:96:A:VAL:H	5	1.16
(34,1318)	1:66:A:THR:HG22	1:96:A:VAL:H	5	1.16
(34,1318)	1:66:A:THR:HG23	1:96:A:VAL:H	5	1.16
(34,1294)	1:11:A:ILE:HG21	1:15:A:ALA:HA	11	1.16
(34,1294)	1:11:A:ILE:HG22	1:15:A:ALA:HA	11	1.16
(34,1294)	1:11:A:ILE:HG23	1:15:A:ALA:HA	11	1.16
(34,1202)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	9	1.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1202)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	9	1.16
(34,1202)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	9	1.16
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB2	17	1.16
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB3	17	1.16
(34,505)	1:97:A:ASP:HB2	1:105:A:LYS:H	16	1.16
(34,505)	1:97:A:ASP:HB3	1:105:A:LYS:H	16	1.16
(33,2326)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	3	1.16
(33,2326)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	3	1.16
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD11	4	1.16
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD12	4	1.16
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD13	4	1.16
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD21	4	1.16
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD22	4	1.16
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD23	4	1.16
(33,1913)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	11	1.16
(33,1470)	1:95:A:ILE:HG21	1:97:A:ASP:H	5	1.16
(33,1470)	1:95:A:ILE:HG22	1:97:A:ASP:H	5	1.16
(33,1470)	1:95:A:ILE:HG23	1:97:A:ASP:H	5	1.16
(33,1329)	1:106:A:ASP:HA	1:112:A:GLN:HE21	5	1.16
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB1	16	1.16
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB2	16	1.16
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB3	16	1.16
(33,823)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	13	1.16
(33,823)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	13	1.16
(33,823)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	13	1.16
(33,823)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	13	1.16
(33,823)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	13	1.16
(33,823)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	13	1.16
(33,677)	1:20:A:THR:H	1:133:A:ASN:H	9	1.16
(32,2487)	1:144:A:LEU:HD11	1:146:A:GLN:HG2	11	1.16
(32,2487)	1:144:A:LEU:HD11	1:146:A:GLN:HG3	11	1.16
(32,2487)	1:144:A:LEU:HD12	1:146:A:GLN:HG2	11	1.16
(32,2487)	1:144:A:LEU:HD12	1:146:A:GLN:HG3	11	1.16
(32,2487)	1:144:A:LEU:HD13	1:146:A:GLN:HG2	11	1.16
(32,2487)	1:144:A:LEU:HD13	1:146:A:GLN:HG3	11	1.16
(32,2487)	1:144:A:LEU:HD21	1:146:A:GLN:HG2	11	1.16
(32,2487)	1:144:A:LEU:HD21	1:146:A:GLN:HG3	11	1.16
(32,2487)	1:144:A:LEU:HD22	1:146:A:GLN:HG2	11	1.16
(32,2487)	1:144:A:LEU:HD22	1:146:A:GLN:HG3	11	1.16
(32,2487)	1:144:A:LEU:HD23	1:146:A:GLN:HG2	11	1.16
(32,2487)	1:144:A:LEU:HD23	1:146:A:GLN:HG3	11	1.16
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD11	4	1.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD12	4	1.16
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD13	4	1.16
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD21	4	1.16
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD22	4	1.16
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD23	4	1.16
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	1.16
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	1.16
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	1.16
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	1.16
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	1.16
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	1.16
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	1.16
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	1.16
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	1.16
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	1.16
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	1.16
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	1.16
(32,1750)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	4	1.16
(32,1750)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	4	1.16
(32,1750)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	4	1.16
(32,1750)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	4	1.16
(32,1297)	1:106:A:ASP:HA	1:112:A:GLN:HE21	5	1.16
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD21	1	1.16
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD22	1	1.16
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD23	1	1.16
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD21	16	1.16
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD22	16	1.16
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD23	16	1.16
(32,800)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	13	1.16
(32,800)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	13	1.16
(32,800)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	13	1.16
(32,800)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	13	1.16
(32,800)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	13	1.16
(32,800)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	13	1.16
(32,772)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	10	1.16
(32,772)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	10	1.16
(32,772)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	10	1.16
(32,772)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	10	1.16
(32,772)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	10	1.16
(32,772)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	10	1.16
(30,2276)	1:75:A:GLY:H	1:77:A:CYS:HB2	8	1.16
(30,2276)	1:75:A:GLY:H	1:77:A:CYS:HB3	8	1.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2084)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	3	1.16
(30,2084)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	3	1.16
(30,2084)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	3	1.16
(30,2084)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	3	1.16
(30,2084)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	3	1.16
(30,2084)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	3	1.16
(30,1908)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	15	1.16
(30,1908)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	15	1.16
(30,1908)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	15	1.16
(30,1908)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	15	1.16
(30,1896)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	13	1.16
(30,1896)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	13	1.16
(30,1896)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	13	1.16
(30,1896)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	13	1.16
(30,1896)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	13	1.16
(30,1896)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	13	1.16
(30,1651)	1:131:A:LEU:H	1:134:A:VAL:HG11	11	1.16
(30,1651)	1:131:A:LEU:H	1:134:A:VAL:HG12	11	1.16
(30,1651)	1:131:A:LEU:H	1:134:A:VAL:HG13	11	1.16
(30,1166)	1:140:A:LEU:HD21	1:144:A:LEU:H	1	1.16
(30,1166)	1:140:A:LEU:HD22	1:144:A:LEU:H	1	1.16
(30,1166)	1:140:A:LEU:HD23	1:144:A:LEU:H	1	1.16
(30,817)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	13	1.16
(30,817)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	13	1.16
(30,817)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	13	1.16
(30,817)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	13	1.16
(30,817)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	13	1.16
(30,817)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	13	1.16
(29,1483)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	16	1.16
(29,977)	1:141:A:LYS:HB2	1:149:A:ALA:HA	11	1.16
(29,977)	1:141:A:LYS:HB3	1:149:A:ALA:HA	11	1.16
(29,928)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	3	1.16
(29,928)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	3	1.16
(29,928)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	3	1.16
(29,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	13	1.16
(29,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	13	1.16
(29,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	13	1.16
(29,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	13	1.16
(29,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	13	1.16
(29,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	13	1.16
(29,810)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	10	1.16
(29,810)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	10	1.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,810)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	10	1.16
(29,810)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	10	1.16
(29,810)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	10	1.16
(29,810)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	10	1.16
(18,2225)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	16	1.16
(18,2225)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	16	1.16
(18,2225)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	16	1.16
(18,2225)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	16	1.16
(18,2225)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	16	1.16
(18,2225)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	16	1.16
(18,2225)	1:60:A:LEU:HD11	1:122:A:ASP:HB3	16	1.16
(18,2225)	1:60:A:LEU:HD12	1:122:A:ASP:HB3	16	1.16
(18,2225)	1:60:A:LEU:HD13	1:122:A:ASP:HB3	16	1.16
(18,2225)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	16	1.16
(18,2225)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	16	1.16
(18,2225)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	16	1.16
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	12	1.16
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	12	1.16
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	12	1.16
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	12	1.16
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	12	1.16
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	12	1.16
(18,1465)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	16	1.16
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	16	1.16
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	16	1.16
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	16	1.16
(18,1183)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	9	1.16
(18,1183)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	9	1.16
(18,1183)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	9	1.16
(18,806)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	10	1.16
(18,806)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	10	1.16
(18,806)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	10	1.16
(18,806)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	10	1.16
(18,806)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	10	1.16
(18,806)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	10	1.16
(18,509)	1:97:A:ASP:HB2	1:105:A:LYS:H	16	1.16
(18,509)	1:97:A:ASP:HB3	1:105:A:LYS:H	16	1.16
(18,107)	1:69:A:MET:H	1:69:A:MET:HE1	14	1.16
(18,107)	1:69:A:MET:H	1:69:A:MET:HE2	14	1.16
(18,107)	1:69:A:MET:H	1:69:A:MET:HE3	14	1.16
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG11	4	1.16
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG12	4	1.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG13	4	1.16
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG21	4	1.16
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG22	4	1.16
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG23	4	1.16
(17,1929)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	11	1.16
(17,1882)	1:9:A:PHE:HE1	1:14:A:VAL:HB	9	1.16
(17,1882)	1:9:A:PHE:HE2	1:14:A:VAL:HB	9	1.16
(17,1356)	1:17:A:ASN:HA	1:76:A:ARG:HA	10	1.16
(17,1298)	1:66:A:THR:HG21	1:96:A:VAL:H	5	1.16
(17,1298)	1:66:A:THR:HG22	1:96:A:VAL:H	5	1.16
(17,1298)	1:66:A:THR:HG23	1:96:A:VAL:H	5	1.16
(17,830)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	13	1.16
(17,830)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	13	1.16
(17,830)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	13	1.16
(17,830)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	13	1.16
(17,830)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	13	1.16
(17,830)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	13	1.16
(17,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	10	1.16
(17,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	10	1.16
(17,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	10	1.16
(17,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	10	1.16
(17,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	10	1.16
(17,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	10	1.16
(17,488)	1:97:A:ASP:HB2	1:105:A:LYS:H	16	1.16
(17,488)	1:97:A:ASP:HB3	1:105:A:LYS:H	16	1.16
(16,2353)	1:113:A:PHE:HD1	1:116:A:GLN:HG2	11	1.16
(16,2353)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	11	1.16
(16,2353)	1:113:A:PHE:HD2	1:116:A:GLN:HG2	11	1.16
(16,2353)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	11	1.16
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG2	12	1.16
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG3	12	1.16
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD21	6	1.16
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD22	6	1.16
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD21	6	1.16
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD22	6	1.16
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD21	6	1.16
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD22	6	1.16
(16,2090)	1:35:A:LEU:HD11	1:143:A:TRP:HA	16	1.16
(16,2090)	1:35:A:LEU:HD12	1:143:A:TRP:HA	16	1.16
(16,2090)	1:35:A:LEU:HD13	1:143:A:TRP:HA	16	1.16
(16,2090)	1:35:A:LEU:HD21	1:143:A:TRP:HA	16	1.16
(16,2090)	1:35:A:LEU:HD22	1:143:A:TRP:HA	16	1.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2090)	1:35:A:LEU:HD23	1:143:A:TRP:HA	16	1.16
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD11	4	1.16
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD12	4	1.16
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD13	4	1.16
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD21	4	1.16
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD22	4	1.16
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD23	4	1.16
(16,1808)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	10	1.16
(16,1808)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	10	1.16
(16,1530)	1:69:A:MET:HE1	1:76:A:ARG:HB3	5	1.16
(16,1530)	1:69:A:MET:HE2	1:76:A:ARG:HB3	5	1.16
(16,1530)	1:69:A:MET:HE3	1:76:A:ARG:HB3	5	1.16
(16,1496)	1:114:A:ILE:HG21	1:117:A:VAL:HB	2	1.16
(16,1496)	1:114:A:ILE:HG22	1:117:A:VAL:HB	2	1.16
(16,1496)	1:114:A:ILE:HG23	1:117:A:VAL:HB	2	1.16
(16,828)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	13	1.16
(16,828)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	13	1.16
(16,828)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	13	1.16
(16,828)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	13	1.16
(16,828)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	13	1.16
(16,828)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	13	1.16
(16,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	10	1.16
(16,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	10	1.16
(16,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	10	1.16
(16,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	10	1.16
(16,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	10	1.16
(16,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	10	1.16
(15,2411)	1:129:A:LYS:HG2	1:130:A:GLY:HA2	1	1.16
(15,2411)	1:129:A:LYS:HG3	1:130:A:GLY:HA2	1	1.16
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG11	6	1.16
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG12	6	1.16
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG13	6	1.16
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG21	6	1.16
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG22	6	1.16
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG23	6	1.16
(15,2140)	1:47:A:ALA:H	1:134:A:VAL:HG11	11	1.16
(15,2140)	1:47:A:ALA:H	1:134:A:VAL:HG12	11	1.16
(15,2140)	1:47:A:ALA:H	1:134:A:VAL:HG13	11	1.16
(15,2140)	1:47:A:ALA:H	1:134:A:VAL:HG21	11	1.16
(15,2140)	1:47:A:ALA:H	1:134:A:VAL:HG22	11	1.16
(15,2140)	1:47:A:ALA:H	1:134:A:VAL:HG23	11	1.16
(15,1950)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	13	1.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1950)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	13	1.16
(15,1950)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	13	1.16
(15,1950)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	13	1.16
(15,1950)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	13	1.16
(15,1950)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	13	1.16
(15,1890)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	11	1.16
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	11	1.16
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	11	1.16
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	11	1.16
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	11	1.16
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	11	1.16
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	11	1.16
(15,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	8	1.16
(15,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	8	1.16
(15,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	8	1.16
(15,1327)	1:106:A:ASP:HA	1:112:A:GLN:HE21	5	1.16
(15,995)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	13	1.16
(15,995)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	13	1.16
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	11	1.16
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	11	1.16
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	11	1.16
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	11	1.16
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	11	1.16
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	11	1.16
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	11	1.16
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	11	1.16
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	11	1.16
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	18	1.16
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	18	1.16
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	18	1.16
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	18	1.16
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	18	1.16
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	18	1.16
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	18	1.16
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	18	1.16
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	18	1.16
(15,799)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	10	1.16
(15,799)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	10	1.16
(15,799)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	10	1.16
(15,799)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	10	1.16
(15,799)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	10	1.16
(15,799)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	10	1.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD21	2	1.16
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD22	2	1.16
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD23	2	1.16
(15,267)	1:27:A:ARG:HB3	1:29:A:LYS:H	1	1.16
(13,2241)	1:75:A:GLY:H	1:77:A:CYS:HB2	8	1.16
(13,2241)	1:75:A:GLY:H	1:77:A:CYS:HB3	8	1.16
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	14	1.16
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	14	1.16
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	14	1.16
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	14	1.16
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	14	1.16
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	14	1.16
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	14	1.16
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	14	1.16
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	14	1.16
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	14	1.16
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	14	1.16
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	14	1.16
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	14	1.16
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	14	1.16
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	14	1.16
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	14	1.16
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	14	1.16
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	14	1.16
(13,1846)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	1	1.16
(13,1846)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	1	1.16
(13,1565)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	16	1.16
(13,1565)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	16	1.16
(13,1565)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	16	1.16
(13,1565)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	16	1.16
(13,1565)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	16	1.16
(13,1565)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	16	1.16
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE1	16	1.16
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE2	16	1.16
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE3	16	1.16
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE1	16	1.16
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE2	16	1.16
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE3	16	1.16
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE1	16	1.16
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE2	16	1.16
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE3	16	1.16
(13,1152)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	9	1.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1152)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	9	1.16
(13,1152)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	9	1.16
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB1	12	1.16
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB2	12	1.16
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB3	12	1.16
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	15	1.16
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	15	1.16
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	15	1.16
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	15	1.16
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	15	1.16
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	15	1.16
(13,698)	1:44:A:GLU:HB2	1:48:A:ARG:HE	11	1.16
(13,698)	1:44:A:GLU:HB3	1:48:A:ARG:HE	11	1.16
(13,617)	1:35:A:LEU:H	1:80:A:TYR:HB2	8	1.16
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG11	7	1.16
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG12	7	1.16
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG13	7	1.16
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG21	7	1.16
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG22	7	1.16
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG23	7	1.16
(11,923)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	3	1.16
(11,923)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	3	1.16
(11,923)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	3	1.16
(11,818)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	13	1.16
(11,818)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	13	1.16
(11,818)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	13	1.16
(11,818)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	13	1.16
(11,818)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	13	1.16
(11,818)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	13	1.16
(11,494)	1:97:A:ASP:HB2	1:105:A:LYS:H	16	1.16
(11,494)	1:97:A:ASP:HB3	1:105:A:LYS:H	16	1.16
(11,324)	1:44:A:GLU:HG2	1:46:A:ASN:H	3	1.16
(9,1470)	1:95:A:ILE:HG21	1:97:A:ASP:H	5	1.16
(9,1470)	1:95:A:ILE:HG22	1:97:A:ASP:H	5	1.16
(9,1470)	1:95:A:ILE:HG23	1:97:A:ASP:H	5	1.16
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB1	16	1.16
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB2	16	1.16
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB3	16	1.16
(9,918)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	3	1.16
(9,918)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	3	1.16
(9,918)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	3	1.16
(9,792)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	10	1.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,792)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	10	1.16
(9,792)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	10	1.16
(9,792)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	10	1.16
(9,792)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	10	1.16
(9,792)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	10	1.16
(7,1774)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	13	1.16
(7,1774)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	13	1.16
(7,1774)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	13	1.16
(7,1774)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	13	1.16
(7,1452)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	16	1.16
(7,810)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	13	1.16
(7,810)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	13	1.16
(7,810)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	13	1.16
(7,810)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	13	1.16
(7,810)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	13	1.16
(7,810)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	13	1.16
(7,496)	1:97:A:ASP:HB2	1:105:A:LYS:H	16	1.16
(7,496)	1:97:A:ASP:HB3	1:105:A:LYS:H	16	1.16
(7,233)	1:44:A:GLU:HG3	1:48:A:ARG:H	3	1.16
(7,233)	1:44:A:GLU:HG3	1:48:A:ARG:H	6	1.16
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	11	1.16
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	11	1.16
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	11	1.16
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	11	1.16
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	11	1.16
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	11	1.16
(6,1798)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	3	1.16
(6,1798)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	3	1.16
(6,1798)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	3	1.16
(6,1798)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	3	1.16
(6,1340)	1:17:A:ASN:HA	1:76:A:ARG:HA	10	1.16
(6,1279)	1:66:A:THR:HG21	1:96:A:VAL:H	5	1.16
(6,1279)	1:66:A:THR:HG22	1:96:A:VAL:H	5	1.16
(6,1279)	1:66:A:THR:HG23	1:96:A:VAL:H	5	1.16
(6,815)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	13	1.16
(6,815)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	13	1.16
(6,815)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	13	1.16
(6,815)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	13	1.16
(6,815)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	13	1.16
(6,815)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	13	1.16
(6,787)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	10	1.16
(6,787)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	10	1.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,787)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	10	1.16
(6,787)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	10	1.16
(6,787)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	10	1.16
(6,787)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	10	1.16
(6,491)	1:97:A:ASP:HB2	1:105:A:LYS:H	16	1.16
(6,491)	1:97:A:ASP:HB3	1:105:A:LYS:H	16	1.16
(6,230)	1:44:A:GLU:HG3	1:48:A:ARG:H	3	1.16
(6,230)	1:44:A:GLU:HG3	1:48:A:ARG:H	6	1.16
(5,2195)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	5	1.16
(5,2195)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	5	1.16
(5,2122)	1:40:A:LEU:HD11	1:41:A:LYS:HA	19	1.16
(5,2122)	1:40:A:LEU:HD12	1:41:A:LYS:HA	19	1.16
(5,2122)	1:40:A:LEU:HD13	1:41:A:LYS:HA	19	1.16
(5,2122)	1:40:A:LEU:HD21	1:41:A:LYS:HA	19	1.16
(5,2122)	1:40:A:LEU:HD22	1:41:A:LYS:HA	19	1.16
(5,2122)	1:40:A:LEU:HD23	1:41:A:LYS:HA	19	1.16
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	3	1.16
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	3	1.16
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	3	1.16
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	3	1.16
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	3	1.16
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	3	1.16
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	3	1.16
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	3	1.16
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	3	1.16
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	3	1.16
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	3	1.16
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	3	1.16
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	3	1.16
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	3	1.16
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	3	1.16
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	3	1.16
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	3	1.16
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	3	1.16
(5,1962)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	9	1.16
(5,1962)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	9	1.16
(5,1962)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	9	1.16
(5,1962)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	9	1.16
(5,1962)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	9	1.16
(5,1962)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	9	1.16
(5,1311)	1:66:A:THR:HG21	1:96:A:VAL:H	5	1.16
(5,1311)	1:66:A:THR:HG22	1:96:A:VAL:H	5	1.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1311)	1:66:A:THR:HG23	1:96:A:VAL:H	5	1.16
(5,1310)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	9	1.16
(5,1310)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	9	1.16
(5,1310)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	9	1.16
(5,1310)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	9	1.16
(5,1310)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	9	1.16
(5,1310)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	9	1.16
(5,1293)	1:15:A:ALA:HA	1:131:A:LEU:HG	18	1.16
(5,953)	1:40:A:LEU:HA	1:43:A:MET:HG2	9	1.16
(5,917)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	3	1.16
(5,917)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	3	1.16
(5,917)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	3	1.16
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	6	1.16
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	6	1.16
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	6	1.16
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	6	1.16
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	6	1.16
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	6	1.16
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	6	1.16
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	6	1.16
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	6	1.16
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	6	1.16
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	6	1.16
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	6	1.16
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	6	1.16
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	6	1.16
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	6	1.16
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	6	1.16
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	6	1.16
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	6	1.16
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	6	1.16
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	6	1.16
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	6	1.16
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	6	1.16
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	6	1.16
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	6	1.16
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	6	1.16
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	6	1.16
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	6	1.16
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	6	1.16
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	6	1.16
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	6	1.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	6	1.16
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	6	1.16
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	6	1.16
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	6	1.16
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	6	1.16
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	6	1.16
(4,1889)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	11	1.16
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	11	1.16
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	11	1.16
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	11	1.16
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	11	1.16
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	11	1.16
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	11	1.16
(4,1787)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	13	1.16
(4,1787)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	13	1.16
(4,1787)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	13	1.16
(4,1787)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	13	1.16
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE1	18	1.16
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE2	18	1.16
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE3	18	1.16
(4,1353)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	11	1.16
(4,1353)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	11	1.16
(4,1353)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	11	1.16
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB1	12	1.16
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB2	12	1.16
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB3	12	1.16
(4,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	13	1.16
(4,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	13	1.16
(4,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	13	1.16
(4,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	13	1.16
(4,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	13	1.16
(4,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	13	1.16
(4,581)	1:70:A:LYS:HB2	1:75:A:GLY:H	8	1.16
(4,581)	1:70:A:LYS:HB3	1:75:A:GLY:H	8	1.16
(4,225)	1:44:A:GLU:HG3	1:48:A:ARG:H	3	1.16
(4,225)	1:44:A:GLU:HG3	1:48:A:ARG:H	6	1.16
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD2	5	1.16
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD3	5	1.16
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD2	17	1.16
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD3	17	1.16
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD11	4	1.16
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD12	4	1.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD13	4	1.16
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD21	4	1.16
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD22	4	1.16
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD23	4	1.16
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD11	5	1.16
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD12	5	1.16
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD13	5	1.16
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD21	5	1.16
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD22	5	1.16
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD23	5	1.16
(3,1939)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	11	1.16
(3,1368)	1:17:A:ASN:HA	1:76:A:ARG:HA	10	1.16
(3,1315)	1:66:A:THR:HG21	1:96:A:VAL:H	5	1.16
(3,1315)	1:66:A:THR:HG22	1:96:A:VAL:H	5	1.16
(3,1315)	1:66:A:THR:HG23	1:96:A:VAL:H	5	1.16
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD11	1	1.16
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD12	1	1.16
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD13	1	1.16
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD11	1	1.16
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD12	1	1.16
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD13	1	1.16
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD11	1	1.16
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD12	1	1.16
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD13	1	1.16
(3,852)	1:48:A:ARG:HD2	1:49:A:LYS:HA	4	1.16
(3,852)	1:48:A:ARG:HD3	1:49:A:LYS:HA	4	1.16
(2,1643)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	9	1.16
(2,1640)	1:10:A:ASN:HB3	1:61:A:SER:HA	9	1.16
(2,1376)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	11	1.16
(2,1376)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	11	1.16
(2,1376)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	11	1.16
(2,1345)	1:17:A:ASN:HA	1:76:A:ARG:HA	10	1.16
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD21	2	1.16
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD22	2	1.16
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD23	2	1.16
(2,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	13	1.16
(2,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	13	1.16
(2,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	13	1.16
(2,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	13	1.16
(2,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	13	1.16
(2,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	13	1.16
(2,479)	1:145:A:PRO:HB2	1:148:A:CYS:H	13	1.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2027)	1:23:A:LEU:HD11	1:26:A:ASP:HA	11	1.16
(1,2027)	1:23:A:LEU:HD12	1:26:A:ASP:HA	11	1.16
(1,2027)	1:23:A:LEU:HD13	1:26:A:ASP:HA	11	1.16
(1,2027)	1:23:A:LEU:HD21	1:26:A:ASP:HA	11	1.16
(1,2027)	1:23:A:LEU:HD22	1:26:A:ASP:HA	11	1.16
(1,2027)	1:23:A:LEU:HD23	1:26:A:ASP:HA	11	1.16
(1,1483)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	16	1.16
(1,1332)	1:106:A:ASP:HA	1:112:A:GLN:HE21	5	1.16
(1,1295)	1:66:A:THR:HG21	1:96:A:VAL:H	5	1.16
(1,1295)	1:66:A:THR:HG22	1:96:A:VAL:H	5	1.16
(1,1295)	1:66:A:THR:HG23	1:96:A:VAL:H	5	1.16
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB1	12	1.16
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB2	12	1.16
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB3	12	1.16
(1,991)	1:11:A:ILE:HG12	1:14:A:VAL:HB	8	1.16
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	11	1.16
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	11	1.16
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	11	1.16
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	11	1.16
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	11	1.16
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	11	1.16
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	11	1.16
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	11	1.16
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	11	1.16
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	18	1.16
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	18	1.16
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	18	1.16
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	18	1.16
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	18	1.16
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	18	1.16
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	18	1.16
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	18	1.16
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	18	1.16
(1,498)	1:97:A:ASP:HB2	1:105:A:LYS:H	16	1.16
(1,498)	1:97:A:ASP:HB3	1:105:A:LYS:H	16	1.16
(34,1977)	1:12:A:VAL:HG11	1:79:A:THR:HA	1	1.15
(34,1977)	1:12:A:VAL:HG12	1:79:A:THR:HA	1	1.15
(34,1977)	1:12:A:VAL:HG13	1:79:A:THR:HA	1	1.15
(34,1977)	1:12:A:VAL:HG21	1:79:A:THR:HA	1	1.15
(34,1977)	1:12:A:VAL:HG22	1:79:A:THR:HA	1	1.15
(34,1977)	1:12:A:VAL:HG23	1:79:A:THR:HA	1	1.15
(34,1977)	1:12:A:VAL:HG11	1:79:A:THR:HA	15	1.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1977)	1:12:A:VAL:HG12	1:79:A:THR:HA	15	1.15
(34,1977)	1:12:A:VAL:HG13	1:79:A:THR:HA	15	1.15
(34,1977)	1:12:A:VAL:HG21	1:79:A:THR:HA	15	1.15
(34,1977)	1:12:A:VAL:HG22	1:79:A:THR:HA	15	1.15
(34,1977)	1:12:A:VAL:HG23	1:79:A:THR:HA	15	1.15
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG11	14	1.15
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG12	14	1.15
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG13	14	1.15
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	14	1.15
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	14	1.15
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	14	1.15
(34,1772)	1:141:A:LYS:HA	1:144:A:LEU:HD21	5	1.15
(34,1772)	1:141:A:LYS:HA	1:144:A:LEU:HD22	5	1.15
(34,1772)	1:141:A:LYS:HA	1:144:A:LEU:HD23	5	1.15
(34,1318)	1:66:A:THR:HG21	1:96:A:VAL:H	16	1.15
(34,1318)	1:66:A:THR:HG22	1:96:A:VAL:H	16	1.15
(34,1318)	1:66:A:THR:HG23	1:96:A:VAL:H	16	1.15
(34,1085)	1:43:A:MET:HB2	1:140:A:LEU:HG	4	1.15
(34,1018)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	17	1.15
(34,1018)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	17	1.15
(33,1451)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	7	1.15
(33,1451)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	7	1.15
(33,1451)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	7	1.15
(33,1451)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	7	1.15
(33,1451)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	7	1.15
(33,1451)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	7	1.15
(33,1274)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	7	1.15
(33,1274)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	7	1.15
(33,1274)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	7	1.15
(33,1274)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	7	1.15
(33,1274)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	7	1.15
(33,1274)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	7	1.15
(33,594)	1:28:A:GLY:H	1:29:A:LYS:HG2	13	1.15
(33,594)	1:28:A:GLY:H	1:29:A:LYS:HG3	13	1.15
(33,573)	1:16:A:SER:H	1:131:A:LEU:HB3	10	1.15
(32,2487)	1:144:A:LEU:HD11	1:146:A:GLN:HG2	5	1.15
(32,2487)	1:144:A:LEU:HD11	1:146:A:GLN:HG3	5	1.15
(32,2487)	1:144:A:LEU:HD12	1:146:A:GLN:HG2	5	1.15
(32,2487)	1:144:A:LEU:HD12	1:146:A:GLN:HG3	5	1.15
(32,2487)	1:144:A:LEU:HD13	1:146:A:GLN:HG2	5	1.15
(32,2487)	1:144:A:LEU:HD13	1:146:A:GLN:HG3	5	1.15
(32,2487)	1:144:A:LEU:HD21	1:146:A:GLN:HG2	5	1.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2487)	1:144:A:LEU:HD21	1:146:A:GLN:HG3	5	1.15
(32,2487)	1:144:A:LEU:HD22	1:146:A:GLN:HG2	5	1.15
(32,2487)	1:144:A:LEU:HD22	1:146:A:GLN:HG3	5	1.15
(32,2487)	1:144:A:LEU:HD23	1:146:A:GLN:HG2	5	1.15
(32,2487)	1:144:A:LEU:HD23	1:146:A:GLN:HG3	5	1.15
(32,1026)	1:43:A:MET:HB2	1:140:A:LEU:HG	4	1.15
(32,579)	1:28:A:GLY:H	1:29:A:LYS:HG2	13	1.15
(32,579)	1:28:A:GLY:H	1:29:A:LYS:HG3	13	1.15
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD11	3	1.15
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD12	3	1.15
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD13	3	1.15
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD21	3	1.15
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD22	3	1.15
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD23	3	1.15
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE1	18	1.15
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE2	18	1.15
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE1	18	1.15
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE2	18	1.15
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE1	18	1.15
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE2	18	1.15
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD21	13	1.15
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD22	13	1.15
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD23	13	1.15
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG11	6	1.15
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG12	6	1.15
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG13	6	1.15
(30,232)	1:44:A:GLU:HG3	1:48:A:ARG:H	13	1.15
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	16	1.15
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	16	1.15
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	16	1.15
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	16	1.15
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	16	1.15
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	16	1.15
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	16	1.15
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	16	1.15
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	16	1.15
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	16	1.15
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	16	1.15
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	16	1.15
(29,1680)	1:69:A:MET:HE1	1:116:A:GLN:HG3	9	1.15
(29,1680)	1:69:A:MET:HE2	1:116:A:GLN:HG3	9	1.15
(29,1680)	1:69:A:MET:HE3	1:116:A:GLN:HG3	9	1.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD11	7	1.15
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD12	7	1.15
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD13	7	1.15
(29,1027)	1:34:A:LYS:H	1:81:A:GLU:HB2	19	1.15
(29,727)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	16	1.15
(29,727)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	16	1.15
(29,727)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	16	1.15
(19,16)	1:52:A:CYS:SG	1:56:A:CYS:CB	15	1.15
(18,1975)	1:12:A:VAL:HG11	1:43:A:MET:HB2	5	1.15
(18,1975)	1:12:A:VAL:HG12	1:43:A:MET:HB2	5	1.15
(18,1975)	1:12:A:VAL:HG13	1:43:A:MET:HB2	5	1.15
(18,1975)	1:12:A:VAL:HG21	1:43:A:MET:HB2	5	1.15
(18,1975)	1:12:A:VAL:HG22	1:43:A:MET:HB2	5	1.15
(18,1975)	1:12:A:VAL:HG23	1:43:A:MET:HB2	5	1.15
(18,456)	1:76:A:ARG:H	1:77:A:CYS:HB2	7	1.15
(17,2168)	1:43:A:MET:HG2	1:144:A:LEU:HD11	9	1.15
(17,2168)	1:43:A:MET:HG2	1:144:A:LEU:HD12	9	1.15
(17,2168)	1:43:A:MET:HG2	1:144:A:LEU:HD13	9	1.15
(17,2168)	1:43:A:MET:HG2	1:144:A:LEU:HD21	9	1.15
(17,2168)	1:43:A:MET:HG2	1:144:A:LEU:HD22	9	1.15
(17,2168)	1:43:A:MET:HG2	1:144:A:LEU:HD23	9	1.15
(17,2168)	1:43:A:MET:HG3	1:144:A:LEU:HD11	9	1.15
(17,2168)	1:43:A:MET:HG3	1:144:A:LEU:HD12	9	1.15
(17,2168)	1:43:A:MET:HG3	1:144:A:LEU:HD13	9	1.15
(17,2168)	1:43:A:MET:HG3	1:144:A:LEU:HD21	9	1.15
(17,2168)	1:43:A:MET:HG3	1:144:A:LEU:HD22	9	1.15
(17,2168)	1:43:A:MET:HG3	1:144:A:LEU:HD23	9	1.15
(17,2145)	1:40:A:LEU:HD11	1:41:A:LYS:HA	17	1.15
(17,2145)	1:40:A:LEU:HD12	1:41:A:LYS:HA	17	1.15
(17,2145)	1:40:A:LEU:HD13	1:41:A:LYS:HA	17	1.15
(17,2145)	1:40:A:LEU:HD21	1:41:A:LYS:HA	17	1.15
(17,2145)	1:40:A:LEU:HD22	1:41:A:LYS:HA	17	1.15
(17,2145)	1:40:A:LEU:HD23	1:41:A:LYS:HA	17	1.15
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	6	1.15
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	6	1.15
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	6	1.15
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE1	4	1.15
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE2	4	1.15
(17,1298)	1:66:A:THR:HG21	1:96:A:VAL:H	16	1.15
(17,1298)	1:66:A:THR:HG22	1:96:A:VAL:H	16	1.15
(17,1298)	1:66:A:THR:HG23	1:96:A:VAL:H	16	1.15
(17,1019)	1:34:A:LYS:H	1:81:A:GLU:HB2	19	1.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,714)	1:44:A:GLU:HB2	1:48:A:ARG:HE	11	1.15
(17,714)	1:44:A:GLU:HB3	1:48:A:ARG:HE	11	1.15
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD21	16	1.15
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD22	16	1.15
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD21	16	1.15
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD22	16	1.15
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD21	16	1.15
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD22	16	1.15
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	6	1.15
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	6	1.15
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	6	1.15
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	7	1.15
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	7	1.15
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	7	1.15
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	7	1.15
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	7	1.15
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	7	1.15
(16,601)	1:28:A:GLY:H	1:29:A:LYS:HG2	13	1.15
(16,601)	1:28:A:GLY:H	1:29:A:LYS:HG3	13	1.15
(15,1892)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	14	1.15
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	3	1.15
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	3	1.15
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	3	1.15
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	3	1.15
(15,1812)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	3	1.15
(15,1375)	1:12:A:VAL:HG21	1:13:A:ALA:HA	12	1.15
(15,1375)	1:12:A:VAL:HG22	1:13:A:ALA:HA	12	1.15
(15,1375)	1:12:A:VAL:HG23	1:13:A:ALA:HA	12	1.15
(15,1062)	1:43:A:MET:HB2	1:140:A:LEU:HG	4	1.15
(15,842)	1:45:A:ALA:H	1:48:A:ARG:HD2	9	1.15
(15,842)	1:45:A:ALA:H	1:48:A:ARG:HD3	9	1.15
(15,594)	1:75:A:GLY:H	1:77:A:CYS:HB3	9	1.15
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	15	1.15
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	15	1.15
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	15	1.15
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	15	1.15
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	15	1.15
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	15	1.15
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	15	1.15
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	15	1.15
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	15	1.15
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	15	1.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	15	1.15
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	15	1.15
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	15	1.15
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	15	1.15
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	15	1.15
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	15	1.15
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	15	1.15
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	15	1.15
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	15	1.15
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	15	1.15
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	15	1.15
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	15	1.15
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	15	1.15
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	15	1.15
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	15	1.15
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	15	1.15
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	15	1.15
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	15	1.15
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	15	1.15
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	15	1.15
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	15	1.15
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	15	1.15
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	15	1.15
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	15	1.15
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	15	1.15
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	15	1.15
(13,1908)	1:10:A:ASN:HD21	1:80:A:TYR:HB3	4	1.15
(13,1908)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	4	1.15
(11,2177)	1:46:A:ASN:HD21	1:131:A:LEU:HA	9	1.15
(11,2177)	1:46:A:ASN:HD22	1:131:A:LEU:HA	9	1.15
(11,2135)	1:39:A:VAL:HG11	1:144:A:LEU:H	2	1.15
(11,2135)	1:39:A:VAL:HG12	1:144:A:LEU:H	2	1.15
(11,2135)	1:39:A:VAL:HG13	1:144:A:LEU:H	2	1.15
(11,2135)	1:39:A:VAL:HG21	1:144:A:LEU:H	2	1.15
(11,2135)	1:39:A:VAL:HG22	1:144:A:LEU:H	2	1.15
(11,2135)	1:39:A:VAL:HG23	1:144:A:LEU:H	2	1.15
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	11	1.15
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	11	1.15
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	11	1.15
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	11	1.15
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	11	1.15
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	11	1.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	11	1.15
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	11	1.15
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	11	1.15
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	11	1.15
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	11	1.15
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	11	1.15
(11,1186)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	11	1.15
(11,1186)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	11	1.15
(11,1186)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	11	1.15
(11,1068)	1:43:A:MET:HB2	1:140:A:LEU:HG	4	1.15
(11,1025)	1:34:A:LYS:H	1:81:A:GLU:HB2	19	1.15
(11,839)	1:45:A:ALA:H	1:48:A:ARG:HD2	9	1.15
(11,839)	1:45:A:ALA:H	1:48:A:ARG:HD3	9	1.15
(11,686)	1:145:A:PRO:HB3	1:148:A:CYS:H	9	1.15
(9,2110)	1:40:A:LEU:HD11	1:41:A:LYS:HA	13	1.15
(9,2110)	1:40:A:LEU:HD12	1:41:A:LYS:HA	13	1.15
(9,2110)	1:40:A:LEU:HD13	1:41:A:LYS:HA	13	1.15
(9,2110)	1:40:A:LEU:HD21	1:41:A:LYS:HA	13	1.15
(9,2110)	1:40:A:LEU:HD22	1:41:A:LYS:HA	13	1.15
(9,2110)	1:40:A:LEU:HD23	1:41:A:LYS:HA	13	1.15
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	6	1.15
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	6	1.15
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	6	1.15
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE1	4	1.15
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE2	4	1.15
(9,1658)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	3	1.15
(9,1658)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	3	1.15
(9,1451)	1:13:A:ALA:HB1	1:78:A:HIS:HA	2	1.15
(9,1451)	1:13:A:ALA:HB2	1:78:A:HIS:HA	2	1.15
(9,1451)	1:13:A:ALA:HB3	1:78:A:HIS:HA	2	1.15
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD21	15	1.15
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD22	15	1.15
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD23	15	1.15
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD11	7	1.15
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD12	7	1.15
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD13	7	1.15
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD11	4	1.15
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD12	4	1.15
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD13	4	1.15
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD21	4	1.15
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD22	4	1.15
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD23	4	1.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,593)	1:28:A:GLY:H	1:29:A:LYS:HG2	13	1.15
(7,593)	1:28:A:GLY:H	1:29:A:LYS:HG3	13	1.15
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD11	6	1.15
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD12	6	1.15
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD13	6	1.15
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD21	6	1.15
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD22	6	1.15
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD23	6	1.15
(6,2029)	1:17:A:ASN:HD21	1:79:A:THR:H	4	1.15
(6,2029)	1:17:A:ASN:HD22	1:79:A:THR:H	4	1.15
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	6	1.15
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	6	1.15
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	6	1.15
(6,1279)	1:66:A:THR:HG21	1:96:A:VAL:H	16	1.15
(6,1279)	1:66:A:THR:HG22	1:96:A:VAL:H	16	1.15
(6,1279)	1:66:A:THR:HG23	1:96:A:VAL:H	16	1.15
(6,1255)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	7	1.15
(6,1255)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	7	1.15
(6,1255)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	7	1.15
(6,1255)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	7	1.15
(6,1255)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	7	1.15
(6,1255)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	7	1.15
(5,2144)	1:43:A:MET:HG2	1:144:A:LEU:HD11	9	1.15
(5,2144)	1:43:A:MET:HG2	1:144:A:LEU:HD12	9	1.15
(5,2144)	1:43:A:MET:HG2	1:144:A:LEU:HD13	9	1.15
(5,2144)	1:43:A:MET:HG2	1:144:A:LEU:HD21	9	1.15
(5,2144)	1:43:A:MET:HG2	1:144:A:LEU:HD22	9	1.15
(5,2144)	1:43:A:MET:HG2	1:144:A:LEU:HD23	9	1.15
(5,2144)	1:43:A:MET:HG3	1:144:A:LEU:HD11	9	1.15
(5,2144)	1:43:A:MET:HG3	1:144:A:LEU:HD12	9	1.15
(5,2144)	1:43:A:MET:HG3	1:144:A:LEU:HD13	9	1.15
(5,2144)	1:43:A:MET:HG3	1:144:A:LEU:HD21	9	1.15
(5,2144)	1:43:A:MET:HG3	1:144:A:LEU:HD22	9	1.15
(5,2144)	1:43:A:MET:HG3	1:144:A:LEU:HD23	9	1.15
(5,1481)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	15	1.15
(5,1481)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	15	1.15
(5,1481)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	15	1.15
(5,1481)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	15	1.15
(5,1481)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	15	1.15
(5,1481)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	15	1.15
(5,1481)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	15	1.15
(5,1481)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	15	1.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1481)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	15	1.15
(5,1366)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	17	1.15
(5,1366)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	17	1.15
(5,1366)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	17	1.15
(5,1366)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	17	1.15
(5,1366)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	17	1.15
(5,1366)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	17	1.15
(5,1311)	1:66:A:THR:HG21	1:96:A:VAL:H	16	1.15
(5,1311)	1:66:A:THR:HG22	1:96:A:VAL:H	16	1.15
(5,1311)	1:66:A:THR:HG23	1:96:A:VAL:H	16	1.15
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD11	7	1.15
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD12	7	1.15
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD13	7	1.15
(5,1023)	1:27:A:ARG:HB3	1:29:A:LYS:HG2	18	1.15
(5,1023)	1:27:A:ARG:HB3	1:29:A:LYS:HG3	18	1.15
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG21	4	1.15
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG22	4	1.15
(5,930)	1:66:A:THR:HB	1:95:A:ILE:HG23	4	1.15
(5,839)	1:45:A:ALA:H	1:48:A:ARG:HD2	9	1.15
(5,839)	1:45:A:ALA:H	1:48:A:ARG:HD3	9	1.15
(5,573)	1:148:A:CYS:HA	1:150:A:THR:H	3	1.15
(5,573)	1:148:A:CYS:HA	1:150:A:THR:H	14	1.15
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD11	8	1.15
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD12	8	1.15
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD13	8	1.15
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD21	8	1.15
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD22	8	1.15
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD23	8	1.15
(4,1854)	1:14:A:VAL:HA	1:18:A:PHE:HD1	6	1.15
(4,1854)	1:14:A:VAL:HA	1:18:A:PHE:HD2	6	1.15
(4,1822)	1:13:A:ALA:HA	1:80:A:TYR:HE1	5	1.15
(4,1822)	1:13:A:ALA:HA	1:80:A:TYR:HE2	5	1.15
(4,1483)	1:43:A:MET:HE1	1:46:A:ASN:HD22	18	1.15
(4,1483)	1:43:A:MET:HE2	1:46:A:ASN:HD22	18	1.15
(4,1483)	1:43:A:MET:HE3	1:46:A:ASN:HD22	18	1.15
(4,703)	1:48:A:ARG:HE	1:49:A:LYS:HA	3	1.15
(4,304)	1:64:A:LYS:HD2	1:65:A:CYS:H	14	1.15
(4,304)	1:64:A:LYS:HD3	1:65:A:CYS:H	14	1.15
(3,2306)	1:79:A:THR:HG21	1:81:A:GLU:HB2	5	1.15
(3,2306)	1:79:A:THR:HG21	1:81:A:GLU:HB3	5	1.15
(3,2306)	1:79:A:THR:HG22	1:81:A:GLU:HB2	5	1.15
(3,2306)	1:79:A:THR:HG22	1:81:A:GLU:HB3	5	1.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2306)	1:79:A:THR:HG23	1:81:A:GLU:HB2	5	1.15
(3,2306)	1:79:A:THR:HG23	1:81:A:GLU:HB3	5	1.15
(3,2145)	1:39:A:VAL:HG11	1:144:A:LEU:H	2	1.15
(3,2145)	1:39:A:VAL:HG12	1:144:A:LEU:H	2	1.15
(3,2145)	1:39:A:VAL:HG13	1:144:A:LEU:H	2	1.15
(3,2145)	1:39:A:VAL:HG21	1:144:A:LEU:H	2	1.15
(3,2145)	1:39:A:VAL:HG22	1:144:A:LEU:H	2	1.15
(3,2145)	1:39:A:VAL:HG23	1:144:A:LEU:H	2	1.15
(3,1580)	1:40:A:LEU:HD11	1:43:A:MET:H	4	1.15
(3,1580)	1:40:A:LEU:HD12	1:43:A:MET:H	4	1.15
(3,1580)	1:40:A:LEU:HD13	1:43:A:MET:H	4	1.15
(3,1315)	1:66:A:THR:HG21	1:96:A:VAL:H	16	1.15
(3,1315)	1:66:A:THR:HG22	1:96:A:VAL:H	16	1.15
(3,1315)	1:66:A:THR:HG23	1:96:A:VAL:H	16	1.15
(3,1228)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	7	1.15
(3,1228)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	7	1.15
(3,1228)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	7	1.15
(3,1228)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	7	1.15
(3,1228)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	7	1.15
(3,1228)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	7	1.15
(3,1213)	1:11:A:ILE:HA	1:40:A:LEU:HD11	5	1.15
(3,1213)	1:11:A:ILE:HA	1:40:A:LEU:HD12	5	1.15
(3,1213)	1:11:A:ILE:HA	1:40:A:LEU:HD13	5	1.15
(3,1004)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	13	1.15
(3,1004)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	13	1.15
(3,983)	1:11:A:ILE:HG12	1:14:A:VAL:HB	4	1.15
(3,917)	1:21:A:THR:HB	1:24:A:ASP:H	15	1.15
(3,627)	1:34:A:LYS:HG2	1:35:A:LEU:H	19	1.15
(3,627)	1:34:A:LYS:HG3	1:35:A:LEU:H	19	1.15
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG11	4	1.15
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG12	4	1.15
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG13	4	1.15
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG21	4	1.15
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG22	4	1.15
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG23	4	1.15
(2,2078)	1:31:A:PRO:HD2	1:144:A:LEU:HA	19	1.15
(2,2078)	1:31:A:PRO:HD3	1:144:A:LEU:HA	19	1.15
(2,1871)	1:79:A:THR:HB	1:80:A:TYR:HE1	12	1.15
(2,1871)	1:79:A:THR:HB	1:80:A:TYR:HE2	12	1.15
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE1	15	1.15
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE2	15	1.15
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE3	15	1.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1051)	1:43:A:MET:HB2	1:140:A:LEU:HG	4	1.15
(2,685)	1:145:A:PRO:HB3	1:148:A:CYS:H	9	1.15
(2,577)	1:148:A:CYS:HA	1:150:A:THR:H	3	1.15
(2,577)	1:148:A:CYS:HA	1:150:A:THR:H	14	1.15
(1,1295)	1:66:A:THR:HG21	1:96:A:VAL:H	16	1.15
(1,1295)	1:66:A:THR:HG22	1:96:A:VAL:H	16	1.15
(1,1295)	1:66:A:THR:HG23	1:96:A:VAL:H	16	1.15
(1,1158)	1:39:A:VAL:HB	1:139:A:LEU:HA	7	1.15
(1,1068)	1:43:A:MET:HB2	1:140:A:LEU:HG	4	1.15
(1,1055)	1:11:A:ILE:HA	1:14:A:VAL:HB	3	1.15
(1,1011)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	13	1.15
(1,1011)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	13	1.15
(1,567)	1:10:A:ASN:HD21	1:12:A:VAL:HG21	4	1.15
(1,567)	1:10:A:ASN:HD21	1:12:A:VAL:HG22	4	1.15
(1,567)	1:10:A:ASN:HD21	1:12:A:VAL:HG23	4	1.15
(34,2208)	1:60:A:LEU:HD11	1:61:A:SER:HB2	13	1.14
(34,2208)	1:60:A:LEU:HD11	1:61:A:SER:HB3	13	1.14
(34,2208)	1:60:A:LEU:HD12	1:61:A:SER:HB2	13	1.14
(34,2208)	1:60:A:LEU:HD12	1:61:A:SER:HB3	13	1.14
(34,2208)	1:60:A:LEU:HD13	1:61:A:SER:HB2	13	1.14
(34,2208)	1:60:A:LEU:HD13	1:61:A:SER:HB3	13	1.14
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG11	14	1.14
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG12	14	1.14
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG13	14	1.14
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG21	14	1.14
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG22	14	1.14
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG23	14	1.14
(34,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	1	1.14
(34,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	1	1.14
(34,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	1	1.14
(34,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	1	1.14
(34,1760)	1:63:A:ILE:HG21	1:113:A:PHE:HA	17	1.14
(34,1760)	1:63:A:ILE:HG22	1:113:A:PHE:HA	17	1.14
(34,1760)	1:63:A:ILE:HG23	1:113:A:PHE:HA	17	1.14
(34,1094)	1:66:A:THR:HG21	1:95:A:ILE:HA	18	1.14
(34,1094)	1:66:A:THR:HG22	1:95:A:ILE:HA	18	1.14
(34,1094)	1:66:A:THR:HG23	1:95:A:ILE:HA	18	1.14
(34,764)	1:37:A:LEU:H	1:40:A:LEU:HB3	13	1.14
(34,572)	1:10:A:ASN:HD21	1:11:A:ILE:HB	11	1.14
(34,321)	1:40:A:LEU:HD11	1:43:A:MET:H	15	1.14
(34,321)	1:40:A:LEU:HD12	1:43:A:MET:H	15	1.14
(34,321)	1:40:A:LEU:HD13	1:43:A:MET:H	15	1.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2496)	1:144:A:LEU:HD11	1:147:A:ARG:H	9	1.14
(33,2496)	1:144:A:LEU:HD12	1:147:A:ARG:H	9	1.14
(33,2496)	1:144:A:LEU:HD13	1:147:A:ARG:H	9	1.14
(33,2496)	1:144:A:LEU:HD21	1:147:A:ARG:H	9	1.14
(33,2496)	1:144:A:LEU:HD22	1:147:A:ARG:H	9	1.14
(33,2496)	1:144:A:LEU:HD23	1:147:A:ARG:H	9	1.14
(33,2496)	1:144:A:LEU:HD11	1:147:A:ARG:H	15	1.14
(33,2496)	1:144:A:LEU:HD12	1:147:A:ARG:H	15	1.14
(33,2496)	1:144:A:LEU:HD13	1:147:A:ARG:H	15	1.14
(33,2496)	1:144:A:LEU:HD21	1:147:A:ARG:H	15	1.14
(33,2496)	1:144:A:LEU:HD22	1:147:A:ARG:H	15	1.14
(33,2496)	1:144:A:LEU:HD23	1:147:A:ARG:H	15	1.14
(33,2167)	1:46:A:ASN:HD21	1:134:A:VAL:HA	13	1.14
(33,2167)	1:46:A:ASN:HD22	1:134:A:VAL:HA	13	1.14
(33,1093)	1:53:A:THR:HA	1:54:A:ARG:HB2	11	1.14
(33,975)	1:11:A:ILE:HG12	1:14:A:VAL:HB	3	1.14
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	15	1.14
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	15	1.14
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	15	1.14
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	15	1.14
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	15	1.14
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	15	1.14
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	15	1.14
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	15	1.14
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	15	1.14
(33,747)	1:105:A:LYS:HG3	1:112:A:GLN:HE21	12	1.14
(33,742)	1:105:A:LYS:HG3	1:112:A:GLN:HE22	4	1.14
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG2	2	1.14
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	2	1.14
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG2	2	1.14
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	2	1.14
(32,1423)	1:15:A:ALA:HB1	1:132:A:ALA:HA	7	1.14
(32,1423)	1:15:A:ALA:HB2	1:132:A:ALA:HA	7	1.14
(32,1423)	1:15:A:ALA:HB3	1:132:A:ALA:HA	7	1.14
(32,1353)	1:94:A:ALA:HA	1:95:A:ILE:HD11	2	1.14
(32,1353)	1:94:A:ALA:HA	1:95:A:ILE:HD12	2	1.14
(32,1353)	1:94:A:ALA:HA	1:95:A:ILE:HD13	2	1.14
(32,1065)	1:53:A:THR:HA	1:54:A:ARG:HB2	11	1.14
(30,2181)	1:46:A:ASN:HD21	1:134:A:VAL:HA	13	1.14
(30,2181)	1:46:A:ASN:HD22	1:134:A:VAL:HA	13	1.14
(30,2085)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	1.14
(30,2085)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	1.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2085)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	1.14
(30,2085)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	3	1.14
(30,2085)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	3	1.14
(30,2085)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	3	1.14
(30,1939)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	13	1.14
(30,1939)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	13	1.14
(30,1939)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	13	1.14
(30,1939)	1:9:A:PHE:HZ	1:40:A:LEU:HD21	13	1.14
(30,1939)	1:9:A:PHE:HZ	1:40:A:LEU:HD22	13	1.14
(30,1939)	1:9:A:PHE:HZ	1:40:A:LEU:HD23	13	1.14
(30,1752)	1:63:A:ILE:HG21	1:113:A:PHE:HA	17	1.14
(30,1752)	1:63:A:ILE:HG22	1:113:A:PHE:HA	17	1.14
(30,1752)	1:63:A:ILE:HG23	1:113:A:PHE:HA	17	1.14
(30,1700)	1:11:A:ILE:HG12	1:57:A:LEU:HB3	17	1.14
(30,1343)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	7	1.14
(30,1343)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	7	1.14
(30,1343)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	7	1.14
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG11	8	1.14
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG12	8	1.14
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG13	8	1.14
(30,580)	1:126:A:GLY:H	1:129:A:LYS:HG2	1	1.14
(30,482)	1:145:A:PRO:HB2	1:148:A:CYS:H	10	1.14
(29,2442)	1:144:A:LEU:HD11	1:147:A:ARG:H	9	1.14
(29,2442)	1:144:A:LEU:HD12	1:147:A:ARG:H	9	1.14
(29,2442)	1:144:A:LEU:HD13	1:147:A:ARG:H	9	1.14
(29,2442)	1:144:A:LEU:HD21	1:147:A:ARG:H	9	1.14
(29,2442)	1:144:A:LEU:HD22	1:147:A:ARG:H	9	1.14
(29,2442)	1:144:A:LEU:HD23	1:147:A:ARG:H	9	1.14
(29,2442)	1:144:A:LEU:HD11	1:147:A:ARG:H	15	1.14
(29,2442)	1:144:A:LEU:HD12	1:147:A:ARG:H	15	1.14
(29,2442)	1:144:A:LEU:HD13	1:147:A:ARG:H	15	1.14
(29,2442)	1:144:A:LEU:HD21	1:147:A:ARG:H	15	1.14
(29,2442)	1:144:A:LEU:HD22	1:147:A:ARG:H	15	1.14
(29,2442)	1:144:A:LEU:HD23	1:147:A:ARG:H	15	1.14
(29,1770)	1:63:A:ILE:HG21	1:113:A:PHE:HA	17	1.14
(29,1770)	1:63:A:ILE:HG22	1:113:A:PHE:HA	17	1.14
(29,1770)	1:63:A:ILE:HG23	1:113:A:PHE:HA	17	1.14
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	8	1.14
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	8	1.14
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	8	1.14
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	8	1.14
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	8	1.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	8	1.14
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	8	1.14
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	8	1.14
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	8	1.14
(29,1109)	1:53:A:THR:HA	1:54:A:ARG:HB2	11	1.14
(29,1098)	1:48:A:ARG:HG2	1:49:A:LYS:HA	3	1.14
(29,1098)	1:48:A:ARG:HG3	1:49:A:LYS:HA	3	1.14
(29,660)	1:96:A:VAL:HA	1:116:A:GLN:HE22	12	1.14
(29,586)	1:126:A:GLY:H	1:129:A:LYS:HG2	1	1.14
(18,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB2	5	1.14
(18,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB3	5	1.14
(18,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB2	5	1.14
(18,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB3	5	1.14
(18,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB2	5	1.14
(18,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB3	5	1.14
(18,2169)	1:46:A:ASN:HD21	1:134:A:VAL:HA	13	1.14
(18,2169)	1:46:A:ASN:HD22	1:134:A:VAL:HA	13	1.14
(18,1832)	1:13:A:ALA:HA	1:80:A:TYR:HE1	16	1.14
(18,1832)	1:13:A:ALA:HA	1:80:A:TYR:HE2	16	1.14
(18,1731)	1:112:A:GLN:HG2	1:113:A:PHE:HA	8	1.14
(18,1731)	1:112:A:GLN:HG3	1:113:A:PHE:HA	8	1.14
(18,667)	1:96:A:VAL:HA	1:116:A:GLN:HE22	12	1.14
(18,267)	1:27:A:ARG:HB3	1:29:A:LYS:H	17	1.14
(18,238)	1:10:A:ASN:H	1:13:A:ALA:HB1	6	1.14
(18,238)	1:10:A:ASN:H	1:13:A:ALA:HB2	6	1.14
(18,238)	1:10:A:ASN:H	1:13:A:ALA:HB3	6	1.14
(18,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	7	1.14
(17,2480)	1:144:A:LEU:HD11	1:147:A:ARG:H	9	1.14
(17,2480)	1:144:A:LEU:HD12	1:147:A:ARG:H	9	1.14
(17,2480)	1:144:A:LEU:HD13	1:147:A:ARG:H	9	1.14
(17,2480)	1:144:A:LEU:HD21	1:147:A:ARG:H	9	1.14
(17,2480)	1:144:A:LEU:HD22	1:147:A:ARG:H	9	1.14
(17,2480)	1:144:A:LEU:HD23	1:147:A:ARG:H	9	1.14
(17,2480)	1:144:A:LEU:HD11	1:147:A:ARG:H	15	1.14
(17,2480)	1:144:A:LEU:HD12	1:147:A:ARG:H	15	1.14
(17,2480)	1:144:A:LEU:HD13	1:147:A:ARG:H	15	1.14
(17,2480)	1:144:A:LEU:HD21	1:147:A:ARG:H	15	1.14
(17,2480)	1:144:A:LEU:HD22	1:147:A:ARG:H	15	1.14
(17,2480)	1:144:A:LEU:HD23	1:147:A:ARG:H	15	1.14
(17,1935)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	19	1.14
(17,1935)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	19	1.14
(17,1935)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	19	1.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1287)	1:44:A:GLU:HG2	1:45:A:ALA:HA	10	1.14
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	8	1.14
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	8	1.14
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	8	1.14
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	8	1.14
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	8	1.14
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	8	1.14
(17,369)	1:41:A:LYS:H	1:44:A:GLU:HG2	4	1.14
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG2	2	1.14
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG3	2	1.14
(16,2339)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	7	1.14
(16,2339)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	7	1.14
(16,2093)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	1.14
(16,2093)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	1.14
(16,2093)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	1.14
(16,2093)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	3	1.14
(16,2093)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	3	1.14
(16,2093)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	3	1.14
(16,1530)	1:69:A:MET:HE1	1:76:A:ARG:HB3	8	1.14
(16,1530)	1:69:A:MET:HE2	1:76:A:ARG:HB3	8	1.14
(16,1530)	1:69:A:MET:HE3	1:76:A:ARG:HB3	8	1.14
(16,1108)	1:53:A:THR:HA	1:54:A:ARG:HB2	11	1.14
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	8	1.14
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	8	1.14
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	8	1.14
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	8	1.14
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	8	1.14
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	8	1.14
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD11	4	1.14
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD12	4	1.14
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD13	4	1.14
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD11	14	1.14
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD12	14	1.14
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD13	14	1.14
(15,2492)	1:144:A:LEU:HD11	1:147:A:ARG:H	9	1.14
(15,2492)	1:144:A:LEU:HD12	1:147:A:ARG:H	9	1.14
(15,2492)	1:144:A:LEU:HD13	1:147:A:ARG:H	9	1.14
(15,2492)	1:144:A:LEU:HD21	1:147:A:ARG:H	9	1.14
(15,2492)	1:144:A:LEU:HD22	1:147:A:ARG:H	9	1.14
(15,2492)	1:144:A:LEU:HD23	1:147:A:ARG:H	9	1.14
(15,2492)	1:144:A:LEU:HD11	1:147:A:ARG:H	15	1.14
(15,2492)	1:144:A:LEU:HD12	1:147:A:ARG:H	15	1.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2492)	1:144:A:LEU:HD13	1:147:A:ARG:H	15	1.14
(15,2492)	1:144:A:LEU:HD21	1:147:A:ARG:H	15	1.14
(15,2492)	1:144:A:LEU:HD22	1:147:A:ARG:H	15	1.14
(15,2492)	1:144:A:LEU:HD23	1:147:A:ARG:H	15	1.14
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	2	1.14
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	2	1.14
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	2	1.14
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	2	1.14
(15,1375)	1:12:A:VAL:HG21	1:13:A:ALA:HA	2	1.14
(15,1375)	1:12:A:VAL:HG22	1:13:A:ALA:HA	2	1.14
(15,1375)	1:12:A:VAL:HG23	1:13:A:ALA:HA	2	1.14
(15,1375)	1:12:A:VAL:HG21	1:13:A:ALA:HA	3	1.14
(15,1375)	1:12:A:VAL:HG22	1:13:A:ALA:HA	3	1.14
(15,1375)	1:12:A:VAL:HG23	1:13:A:ALA:HA	3	1.14
(15,1375)	1:12:A:VAL:HG21	1:13:A:ALA:HA	14	1.14
(15,1375)	1:12:A:VAL:HG22	1:13:A:ALA:HA	14	1.14
(15,1375)	1:12:A:VAL:HG23	1:13:A:ALA:HA	14	1.14
(13,1817)	1:9:A:PHE:HZ	1:58:A:ILE:HG13	1	1.14
(13,1437)	1:13:A:ALA:HB1	1:80:A:TYR:HB2	19	1.14
(13,1437)	1:13:A:ALA:HB2	1:80:A:TYR:HB2	19	1.14
(13,1437)	1:13:A:ALA:HB3	1:80:A:TYR:HB2	19	1.14
(13,1435)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	15	1.14
(13,1435)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	15	1.14
(13,1435)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	15	1.14
(13,1435)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	15	1.14
(13,1435)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	15	1.14
(13,1435)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	15	1.14
(13,1435)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	15	1.14
(13,1435)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	15	1.14
(13,1435)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	15	1.14
(13,1324)	1:141:A:LYS:HB2	1:149:A:ALA:HA	15	1.14
(13,1324)	1:141:A:LYS:HB3	1:149:A:ALA:HA	15	1.14
(13,877)	1:13:A:ALA:H	1:80:A:TYR:HB2	5	1.14
(13,417)	1:100:A:ALA:H	1:119:A:LEU:HB3	10	1.14
(11,2419)	1:134:A:VAL:HG11	1:137:A:SER:HB2	4	1.14
(11,2419)	1:134:A:VAL:HG11	1:137:A:SER:HB3	4	1.14
(11,2419)	1:134:A:VAL:HG12	1:137:A:SER:HB2	4	1.14
(11,2419)	1:134:A:VAL:HG12	1:137:A:SER:HB3	4	1.14
(11,2419)	1:134:A:VAL:HG13	1:137:A:SER:HB2	4	1.14
(11,2419)	1:134:A:VAL:HG13	1:137:A:SER:HB3	4	1.14
(11,2419)	1:134:A:VAL:HG21	1:137:A:SER:HB2	4	1.14
(11,2419)	1:134:A:VAL:HG21	1:137:A:SER:HB3	4	1.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2419)	1:134:A:VAL:HG22	1:137:A:SER:HB2	4	1.14
(11,2419)	1:134:A:VAL:HG22	1:137:A:SER:HB3	4	1.14
(11,2419)	1:134:A:VAL:HG23	1:137:A:SER:HB2	4	1.14
(11,2419)	1:134:A:VAL:HG23	1:137:A:SER:HB3	4	1.14
(11,2097)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	1.14
(11,2097)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	1.14
(11,2097)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	1.14
(11,2097)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	3	1.14
(11,2097)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	3	1.14
(11,2097)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	3	1.14
(11,1939)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	19	1.14
(11,1939)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	19	1.14
(11,1939)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	19	1.14
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	3	1.14
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	3	1.14
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	3	1.14
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	3	1.14
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	3	1.14
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	3	1.14
(9,2430)	1:144:A:LEU:HD11	1:147:A:ARG:H	9	1.14
(9,2430)	1:144:A:LEU:HD12	1:147:A:ARG:H	9	1.14
(9,2430)	1:144:A:LEU:HD13	1:147:A:ARG:H	9	1.14
(9,2430)	1:144:A:LEU:HD21	1:147:A:ARG:H	9	1.14
(9,2430)	1:144:A:LEU:HD22	1:147:A:ARG:H	9	1.14
(9,2430)	1:144:A:LEU:HD23	1:147:A:ARG:H	9	1.14
(9,2430)	1:144:A:LEU:HD11	1:147:A:ARG:H	15	1.14
(9,2430)	1:144:A:LEU:HD12	1:147:A:ARG:H	15	1.14
(9,2430)	1:144:A:LEU:HD13	1:147:A:ARG:H	15	1.14
(9,2430)	1:144:A:LEU:HD21	1:147:A:ARG:H	15	1.14
(9,2430)	1:144:A:LEU:HD22	1:147:A:ARG:H	15	1.14
(9,2430)	1:144:A:LEU:HD23	1:147:A:ARG:H	15	1.14
(9,2059)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	13	1.14
(9,2059)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	13	1.14
(9,2059)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	13	1.14
(9,2059)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	13	1.14
(9,2059)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	13	1.14
(9,2059)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	13	1.14
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD21	10	1.14
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD22	10	1.14
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD23	10	1.14
(9,1097)	1:53:A:THR:HA	1:54:A:ARG:HB2	11	1.14
(9,914)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	3	1.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,910)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	3	1.14
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	8	1.14
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	8	1.14
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	8	1.14
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	8	1.14
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	8	1.14
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	8	1.14
(9,757)	1:37:A:LEU:H	1:40:A:LEU:HB3	13	1.14
(9,743)	1:105:A:LYS:HG2	1:112:A:GLN:HE21	10	1.14
(7,2051)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	1.14
(7,2051)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	1.14
(7,2051)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	1.14
(7,2051)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	3	1.14
(7,2051)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	3	1.14
(7,2051)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	3	1.14
(7,2050)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	13	1.14
(7,2050)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	13	1.14
(7,2050)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	13	1.14
(7,2050)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	13	1.14
(7,2050)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	13	1.14
(7,2050)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	13	1.14
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	19	1.14
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	19	1.14
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	19	1.14
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD21	19	1.14
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD22	19	1.14
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD23	19	1.14
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	19	1.14
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	19	1.14
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	19	1.14
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD21	19	1.14
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD22	19	1.14
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD23	19	1.14
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	19	1.14
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	19	1.14
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	19	1.14
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD21	19	1.14
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD22	19	1.14
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD23	19	1.14
(7,1883)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	19	1.14
(7,1883)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	19	1.14
(7,1883)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	19	1.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1685)	1:79:A:THR:HG21	1:81:A:GLU:HB3	14	1.14
(7,1685)	1:79:A:THR:HG22	1:81:A:GLU:HB3	14	1.14
(7,1685)	1:79:A:THR:HG23	1:81:A:GLU:HB3	14	1.14
(7,1251)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	7	1.14
(7,1251)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	7	1.14
(7,1251)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	7	1.14
(7,911)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	12	1.14
(7,911)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	12	1.14
(7,911)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	12	1.14
(7,911)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	12	1.14
(6,2159)	1:46:A:ASN:HD21	1:134:A:VAL:HA	13	1.14
(6,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HA	13	1.14
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	16	1.14
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	16	1.14
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	16	1.14
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	16	1.14
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	16	1.14
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	16	1.14
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	16	1.14
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	16	1.14
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	16	1.14
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	16	1.14
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	16	1.14
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	16	1.14
(6,1929)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	19	1.14
(6,1929)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	19	1.14
(6,1929)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	19	1.14
(6,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	1	1.14
(6,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	1	1.14
(6,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	1	1.14
(6,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	1	1.14
(6,1871)	1:9:A:PHE:HE1	1:14:A:VAL:HB	3	1.14
(6,1871)	1:9:A:PHE:HE2	1:14:A:VAL:HB	3	1.14
(6,1071)	1:48:A:ARG:HG2	1:49:A:LYS:HA	3	1.14
(6,1071)	1:48:A:ARG:HG3	1:49:A:LYS:HA	3	1.14
(6,259)	1:27:A:ARG:HB3	1:29:A:LYS:H	17	1.14
(5,2469)	1:144:A:LEU:HD11	1:147:A:ARG:H	9	1.14
(5,2469)	1:144:A:LEU:HD12	1:147:A:ARG:H	9	1.14
(5,2469)	1:144:A:LEU:HD13	1:147:A:ARG:H	9	1.14
(5,2469)	1:144:A:LEU:HD21	1:147:A:ARG:H	9	1.14
(5,2469)	1:144:A:LEU:HD22	1:147:A:ARG:H	9	1.14
(5,2469)	1:144:A:LEU:HD23	1:147:A:ARG:H	9	1.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2469)	1:144:A:LEU:HD11	1:147:A:ARG:H	15	1.14
(5,2469)	1:144:A:LEU:HD12	1:147:A:ARG:H	15	1.14
(5,2469)	1:144:A:LEU:HD13	1:147:A:ARG:H	15	1.14
(5,2469)	1:144:A:LEU:HD21	1:147:A:ARG:H	15	1.14
(5,2469)	1:144:A:LEU:HD22	1:147:A:ARG:H	15	1.14
(5,2469)	1:144:A:LEU:HD23	1:147:A:ARG:H	15	1.14
(5,2120)	1:40:A:LEU:HB2	1:44:A:GLU:HG3	15	1.14
(5,2120)	1:40:A:LEU:HB3	1:44:A:GLU:HG3	15	1.14
(5,2066)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	1.14
(5,2066)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	1.14
(5,2066)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	1.14
(5,2066)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	3	1.14
(5,2066)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	3	1.14
(5,2066)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	3	1.14
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	19	1.14
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	19	1.14
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	19	1.14
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	19	1.14
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	19	1.14
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	19	1.14
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	19	1.14
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	19	1.14
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	19	1.14
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	19	1.14
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	19	1.14
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	19	1.14
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	19	1.14
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	19	1.14
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	19	1.14
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	19	1.14
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	19	1.14
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	19	1.14
(5,1774)	1:63:A:ILE:HG21	1:113:A:PHE:HA	17	1.14
(5,1774)	1:63:A:ILE:HG22	1:113:A:PHE:HA	17	1.14
(5,1774)	1:63:A:ILE:HG23	1:113:A:PHE:HA	17	1.14
(5,1106)	1:53:A:THR:HA	1:54:A:ARG:HB2	11	1.14
(5,1031)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	3	1.14
(5,887)	1:11:A:ILE:HB	1:44:A:GLU:HG3	18	1.14
(4,2289)	1:98:A:ILE:H	1:104:A:PHE:HB2	3	1.14
(4,2289)	1:98:A:ILE:H	1:104:A:PHE:HB3	3	1.14
(4,228)	1:10:A:ASN:H	1:13:A:ALA:HB1	6	1.14
(4,228)	1:10:A:ASN:H	1:13:A:ALA:HB2	6	1.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,228)	1:10:A:ASN:H	1:13:A:ALA:HB3	6	1.14
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	7	1.14
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	7	1.14
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	7	1.14
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	7	1.14
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	7	1.14
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	7	1.14
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	7	1.14
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	7	1.14
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	7	1.14
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	7	1.14
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	7	1.14
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	7	1.14
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD11	10	1.14
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD12	10	1.14
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD13	10	1.14
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD21	10	1.14
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD22	10	1.14
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD23	10	1.14
(3,2188)	1:46:A:ASN:HD21	1:134:A:VAL:HA	13	1.14
(3,2188)	1:46:A:ASN:HD22	1:134:A:VAL:HA	13	1.14
(3,2108)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	1.14
(3,2108)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	1.14
(3,2108)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	1.14
(3,2108)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	3	1.14
(3,2108)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	3	1.14
(3,2108)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	3	1.14
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	11	1.14
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	11	1.14
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	11	1.14
(3,1585)	1:11:A:ILE:HB	1:40:A:LEU:HD11	15	1.14
(3,1585)	1:11:A:ILE:HB	1:40:A:LEU:HD12	15	1.14
(3,1585)	1:11:A:ILE:HB	1:40:A:LEU:HD13	15	1.14
(3,992)	1:31:A:PRO:HB2	1:143:A:TRP:HA	18	1.14
(3,992)	1:31:A:PRO:HB3	1:143:A:TRP:HA	18	1.14
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	17	1.14
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	17	1.14
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	17	1.14
(3,485)	1:145:A:PRO:HB2	1:148:A:CYS:H	18	1.14
(3,425)	1:100:A:ALA:H	1:119:A:LEU:HB3	10	1.14
(3,278)	1:113:A:PHE:H	1:116:A:GLN:HG3	3	1.14
(3,7)	1:39:A:VAL:HG11	1:143:A:TRP:HE1	2	1.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,7)	1:39:A:VAL:HG12	1:143:A:TRP:HE1	2	1.14
(3,7)	1:39:A:VAL:HG13	1:143:A:TRP:HE1	2	1.14
(2,2225)	1:60:A:LEU:HB2	1:63:A:ILE:HG13	11	1.14
(2,2225)	1:60:A:LEU:HB3	1:63:A:ILE:HG13	11	1.14
(2,2134)	1:39:A:VAL:HG11	1:144:A:LEU:H	14	1.14
(2,2134)	1:39:A:VAL:HG12	1:144:A:LEU:H	14	1.14
(2,2134)	1:39:A:VAL:HG13	1:144:A:LEU:H	14	1.14
(2,2134)	1:39:A:VAL:HG21	1:144:A:LEU:H	14	1.14
(2,2134)	1:39:A:VAL:HG22	1:144:A:LEU:H	14	1.14
(2,2134)	1:39:A:VAL:HG23	1:144:A:LEU:H	14	1.14
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB2	4	1.14
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB3	4	1.14
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB2	4	1.14
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB3	4	1.14
(2,1766)	1:63:A:ILE:HG21	1:113:A:PHE:HA	17	1.14
(2,1766)	1:63:A:ILE:HG22	1:113:A:PHE:HA	17	1.14
(2,1766)	1:63:A:ILE:HG23	1:113:A:PHE:HA	17	1.14
(2,1089)	1:53:A:THR:HA	1:54:A:ARG:HB2	11	1.14
(2,1078)	1:48:A:ARG:HG2	1:49:A:LYS:HA	12	1.14
(2,1078)	1:48:A:ARG:HG3	1:49:A:LYS:HA	12	1.14
(2,754)	1:37:A:LEU:H	1:40:A:LEU:HB3	13	1.14
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD11	17	1.14
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD12	17	1.14
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD13	17	1.14
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD21	17	1.14
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD22	17	1.14
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD23	17	1.14
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD11	17	1.14
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD12	17	1.14
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD13	17	1.14
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD21	17	1.14
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD22	17	1.14
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD23	17	1.14
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD11	17	1.14
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD12	17	1.14
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD13	17	1.14
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD21	17	1.14
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD22	17	1.14
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD23	17	1.14
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD11	17	1.14
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD12	17	1.14
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD13	17	1.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD21	17	1.14
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD22	17	1.14
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD23	17	1.14
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD11	17	1.14
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD12	17	1.14
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD13	17	1.14
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD21	17	1.14
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD22	17	1.14
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD23	17	1.14
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD11	17	1.14
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD12	17	1.14
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD13	17	1.14
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD21	17	1.14
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD22	17	1.14
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD23	17	1.14
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	7	1.14
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	7	1.14
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	7	1.14
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	7	1.14
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	7	1.14
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	7	1.14
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	7	1.14
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	7	1.14
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	7	1.14
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	7	1.14
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	7	1.14
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	7	1.14
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	19	1.14
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	19	1.14
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	19	1.14
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	19	1.14
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	19	1.14
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	19	1.14
(1,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	14	1.14
(1,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	14	1.14
(1,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	14	1.14
(1,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	14	1.14
(1,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	14	1.14
(1,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	14	1.14
(1,1385)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	12	1.14
(1,1385)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	12	1.14
(1,1385)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	12	1.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1274)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	7	1.14
(1,1274)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	7	1.14
(1,1274)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	7	1.14
(1,772)	1:37:A:LEU:H	1:40:A:LEU:HB3	13	1.14
(1,662)	1:96:A:VAL:HA	1:116:A:GLN:HE22	12	1.14
(34,1994)	1:14:A:VAL:HG11	1:18:A:PHE:HA	19	1.13
(34,1994)	1:14:A:VAL:HG12	1:18:A:PHE:HA	19	1.13
(34,1994)	1:14:A:VAL:HG13	1:18:A:PHE:HA	19	1.13
(34,1994)	1:14:A:VAL:HG21	1:18:A:PHE:HA	19	1.13
(34,1994)	1:14:A:VAL:HG22	1:18:A:PHE:HA	19	1.13
(34,1994)	1:14:A:VAL:HG23	1:18:A:PHE:HA	19	1.13
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	14	1.13
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	14	1.13
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	14	1.13
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	14	1.13
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	14	1.13
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	14	1.13
(34,1928)	1:14:A:VAL:HB	1:18:A:PHE:HZ	11	1.13
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	17	1.13
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	17	1.13
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	17	1.13
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	15	1.13
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	15	1.13
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	15	1.13
(34,1159)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	16	1.13
(34,1159)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	16	1.13
(34,1159)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	16	1.13
(34,630)	1:35:A:LEU:H	1:80:A:TYR:HB2	16	1.13
(33,2496)	1:144:A:LEU:HD11	1:147:A:ARG:H	7	1.13
(33,2496)	1:144:A:LEU:HD12	1:147:A:ARG:H	7	1.13
(33,2496)	1:144:A:LEU:HD13	1:147:A:ARG:H	7	1.13
(33,2496)	1:144:A:LEU:HD21	1:147:A:ARG:H	7	1.13
(33,2496)	1:144:A:LEU:HD22	1:147:A:ARG:H	7	1.13
(33,2496)	1:144:A:LEU:HD23	1:147:A:ARG:H	7	1.13
(33,1909)	1:35:A:LEU:HG	1:80:A:TYR:HE1	7	1.13
(33,1909)	1:35:A:LEU:HG	1:80:A:TYR:HE2	7	1.13
(33,1784)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	4	1.13
(33,1784)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	4	1.13
(33,1784)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	4	1.13
(33,1784)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	4	1.13
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG11	11	1.13
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG12	11	1.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG13	11	1.13
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG21	11	1.13
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG22	11	1.13
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG23	11	1.13
(32,2091)	1:39:A:VAL:HG11	1:43:A:MET:HB2	4	1.13
(32,2091)	1:39:A:VAL:HG12	1:43:A:MET:HB2	4	1.13
(32,2091)	1:39:A:VAL:HG13	1:43:A:MET:HB2	4	1.13
(32,2091)	1:39:A:VAL:HG21	1:43:A:MET:HB2	4	1.13
(32,2091)	1:39:A:VAL:HG22	1:43:A:MET:HB2	4	1.13
(32,2091)	1:39:A:VAL:HG23	1:43:A:MET:HB2	4	1.13
(32,1884)	1:14:A:VAL:HB	1:18:A:PHE:HZ	11	1.13
(32,1817)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	2	1.13
(32,1817)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	2	1.13
(32,1817)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	2	1.13
(32,1817)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	2	1.13
(32,1665)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	9	1.13
(32,1665)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	9	1.13
(32,1665)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	9	1.13
(32,1510)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	16	1.13
(32,1510)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	16	1.13
(32,1510)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	16	1.13
(32,1214)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	13	1.13
(32,1214)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	13	1.13
(32,1214)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	13	1.13
(32,1214)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	13	1.13
(32,1214)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	13	1.13
(32,1214)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	13	1.13
(32,1095)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	5	1.13
(32,1095)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	5	1.13
(32,1095)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	5	1.13
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	3	1.13
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	3	1.13
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	3	1.13
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	3	1.13
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	3	1.13
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	3	1.13
(30,1921)	1:14:A:VAL:HB	1:18:A:PHE:HZ	11	1.13
(30,1715)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	9	1.13
(30,1715)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	9	1.13
(30,1715)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	9	1.13
(30,1655)	1:132:A:ALA:HA	1:134:A:VAL:HG11	2	1.13
(30,1655)	1:132:A:ALA:HA	1:134:A:VAL:HG12	2	1.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1655)	1:132:A:ALA:HA	1:134:A:VAL:HG13	2	1.13
(30,1646)	1:134:A:VAL:HG21	1:137:A:SER:H	9	1.13
(30,1646)	1:134:A:VAL:HG22	1:137:A:SER:H	9	1.13
(30,1646)	1:134:A:VAL:HG23	1:137:A:SER:H	9	1.13
(30,1125)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	16	1.13
(30,1125)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	16	1.13
(30,1125)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	16	1.13
(30,989)	1:35:A:LEU:HG	1:143:A:TRP:HB3	15	1.13
(30,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	11	1.13
(30,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	11	1.13
(30,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	11	1.13
(30,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	11	1.13
(30,59)	1:34:A:LYS:H	1:81:A:GLU:H	9	1.13
(29,2442)	1:144:A:LEU:HD11	1:147:A:ARG:H	7	1.13
(29,2442)	1:144:A:LEU:HD12	1:147:A:ARG:H	7	1.13
(29,2442)	1:144:A:LEU:HD13	1:147:A:ARG:H	7	1.13
(29,2442)	1:144:A:LEU:HD21	1:147:A:ARG:H	7	1.13
(29,2442)	1:144:A:LEU:HD22	1:147:A:ARG:H	7	1.13
(29,2442)	1:144:A:LEU:HD23	1:147:A:ARG:H	7	1.13
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	1.13
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	1.13
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	1.13
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	1.13
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	1.13
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	1.13
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	1.13
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	1.13
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	1.13
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	1.13
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	1.13
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	1.13
(29,1938)	1:14:A:VAL:HB	1:18:A:PHE:HZ	11	1.13
(29,1884)	1:9:A:PHE:HE1	1:58:A:ILE:HG12	17	1.13
(29,1884)	1:9:A:PHE:HE2	1:58:A:ILE:HG12	17	1.13
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	4	1.13
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	4	1.13
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	4	1.13
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	4	1.13
(29,1674)	1:132:A:ALA:HA	1:134:A:VAL:HG11	2	1.13
(29,1674)	1:132:A:ALA:HA	1:134:A:VAL:HG12	2	1.13
(29,1674)	1:132:A:ALA:HA	1:134:A:VAL:HG13	2	1.13
(29,1663)	1:134:A:VAL:HG21	1:137:A:SER:H	9	1.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1663)	1:134:A:VAL:HG22	1:137:A:SER:H	9	1.13
(29,1663)	1:134:A:VAL:HG23	1:137:A:SER:H	9	1.13
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	2	1.13
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	2	1.13
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	2	1.13
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	2	1.13
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	2	1.13
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	2	1.13
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	17	1.13
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	17	1.13
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	17	1.13
(29,847)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	19	1.13
(29,847)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	19	1.13
(29,847)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	19	1.13
(29,847)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	19	1.13
(29,847)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	19	1.13
(29,847)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	19	1.13
(29,296)	1:43:A:MET:H	1:43:A:MET:HG3	1	1.13
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD11	5	1.13
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD12	5	1.13
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD13	5	1.13
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD21	5	1.13
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD22	5	1.13
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD23	5	1.13
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD11	5	1.13
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD12	5	1.13
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD13	5	1.13
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD21	5	1.13
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD22	5	1.13
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD23	5	1.13
(18,1910)	1:14:A:VAL:HB	1:18:A:PHE:HZ	11	1.13
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	8	1.13
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	8	1.13
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	8	1.13
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	8	1.13
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	8	1.13
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	8	1.13
(18,1696)	1:67:A:PRO:HD2	1:95:A:ILE:HA	16	1.13
(18,1695)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	9	1.13
(18,1695)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	9	1.13
(18,1695)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	9	1.13
(18,1538)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	16	1.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1538)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	16	1.13
(18,1538)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	16	1.13
(18,1376)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	12	1.13
(18,1376)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	12	1.13
(18,1376)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	12	1.13
(18,1235)	1:79:A:THR:HG21	1:81:A:GLU:HA	14	1.13
(18,1235)	1:79:A:THR:HG22	1:81:A:GLU:HA	14	1.13
(18,1235)	1:79:A:THR:HG23	1:81:A:GLU:HA	14	1.13
(18,1139)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	5	1.13
(18,1139)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	5	1.13
(18,1139)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	5	1.13
(18,1135)	1:40:A:LEU:HA	1:44:A:GLU:HB2	6	1.13
(18,1135)	1:40:A:LEU:HA	1:44:A:GLU:HB3	6	1.13
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	15	1.13
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	15	1.13
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	15	1.13
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	15	1.13
(18,849)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	1	1.13
(18,767)	1:147:A:ARG:HA	1:147:A:ARG:HE	2	1.13
(18,417)	1:119:A:LEU:H	1:119:A:LEU:HG	15	1.13
(18,267)	1:27:A:ARG:HB3	1:29:A:LYS:H	3	1.13
(17,2480)	1:144:A:LEU:HD11	1:147:A:ARG:H	7	1.13
(17,2480)	1:144:A:LEU:HD12	1:147:A:ARG:H	7	1.13
(17,2480)	1:144:A:LEU:HD13	1:147:A:ARG:H	7	1.13
(17,2480)	1:144:A:LEU:HD21	1:147:A:ARG:H	7	1.13
(17,2480)	1:144:A:LEU:HD22	1:147:A:ARG:H	7	1.13
(17,2480)	1:144:A:LEU:HD23	1:147:A:ARG:H	7	1.13
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	1.13
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	1.13
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	1.13
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	1.13
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	1.13
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	1.13
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	1.13
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	1.13
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	1.13
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	1.13
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	1.13
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	1.13
(17,1938)	1:14:A:VAL:HB	1:18:A:PHE:HZ	11	1.13
(17,1723)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	9	1.13
(17,1723)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	9	1.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1723)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	9	1.13
(17,679)	1:132:A:ALA:H	1:133:A:ASN:HB2	19	1.13
(17,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	16	1.13
(16,2151)	1:43:A:MET:HE1	1:131:A:LEU:HB2	2	1.13
(16,2151)	1:43:A:MET:HE1	1:131:A:LEU:HB3	2	1.13
(16,2151)	1:43:A:MET:HE2	1:131:A:LEU:HB2	2	1.13
(16,2151)	1:43:A:MET:HE2	1:131:A:LEU:HB3	2	1.13
(16,2151)	1:43:A:MET:HE3	1:131:A:LEU:HB2	2	1.13
(16,2151)	1:43:A:MET:HE3	1:131:A:LEU:HB3	2	1.13
(16,2090)	1:35:A:LEU:HD11	1:143:A:TRP:HA	19	1.13
(16,2090)	1:35:A:LEU:HD12	1:143:A:TRP:HA	19	1.13
(16,2090)	1:35:A:LEU:HD13	1:143:A:TRP:HA	19	1.13
(16,2090)	1:35:A:LEU:HD21	1:143:A:TRP:HA	19	1.13
(16,2090)	1:35:A:LEU:HD22	1:143:A:TRP:HA	19	1.13
(16,2090)	1:35:A:LEU:HD23	1:143:A:TRP:HA	19	1.13
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	16	1.13
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	16	1.13
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	16	1.13
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	16	1.13
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	16	1.13
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	16	1.13
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	16	1.13
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	16	1.13
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	16	1.13
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	16	1.13
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	16	1.13
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	16	1.13
(16,1907)	1:14:A:VAL:HB	1:18:A:PHE:HZ	11	1.13
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	15	1.13
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	15	1.13
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	15	1.13
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	15	1.13
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	13	1.13
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	13	1.13
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	13	1.13
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	13	1.13
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	13	1.13
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	13	1.13
(16,1808)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	15	1.13
(16,1808)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	15	1.13
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	2	1.13
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	2	1.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	2	1.13
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	2	1.13
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	2	1.13
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	2	1.13
(16,1503)	1:11:A:ILE:HA	1:43:A:MET:HE1	4	1.13
(16,1503)	1:11:A:ILE:HA	1:43:A:MET:HE2	4	1.13
(16,1503)	1:11:A:ILE:HA	1:43:A:MET:HE3	4	1.13
(16,727)	1:63:A:ILE:HG12	1:116:A:GLN:HE22	8	1.13
(15,2493)	1:144:A:LEU:HD11	1:147:A:ARG:HA	18	1.13
(15,2493)	1:144:A:LEU:HD12	1:147:A:ARG:HA	18	1.13
(15,2493)	1:144:A:LEU:HD13	1:147:A:ARG:HA	18	1.13
(15,2493)	1:144:A:LEU:HD21	1:147:A:ARG:HA	18	1.13
(15,2493)	1:144:A:LEU:HD22	1:147:A:ARG:HA	18	1.13
(15,2493)	1:144:A:LEU:HD23	1:147:A:ARG:HA	18	1.13
(15,2492)	1:144:A:LEU:HD11	1:147:A:ARG:H	7	1.13
(15,2492)	1:144:A:LEU:HD12	1:147:A:ARG:H	7	1.13
(15,2492)	1:144:A:LEU:HD13	1:147:A:ARG:H	7	1.13
(15,2492)	1:144:A:LEU:HD21	1:147:A:ARG:H	7	1.13
(15,2492)	1:144:A:LEU:HD22	1:147:A:ARG:H	7	1.13
(15,2492)	1:144:A:LEU:HD23	1:147:A:ARG:H	7	1.13
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG11	11	1.13
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG12	11	1.13
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG13	11	1.13
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG21	11	1.13
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG22	11	1.13
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG23	11	1.13
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD11	13	1.13
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD12	13	1.13
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD13	13	1.13
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD21	13	1.13
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD22	13	1.13
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD23	13	1.13
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	10	1.13
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	10	1.13
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	10	1.13
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	10	1.13
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	10	1.13
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	10	1.13
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	10	1.13
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	10	1.13
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	10	1.13
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	10	1.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	10	1.13
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	10	1.13
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD21	1	1.13
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD22	1	1.13
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD23	1	1.13
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	2	1.13
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	2	1.13
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	2	1.13
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	2	1.13
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	2	1.13
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	2	1.13
(15,844)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	1	1.13
(15,63)	1:34:A:LYS:H	1:81:A:GLU:H	9	1.13
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	6	1.13
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	6	1.13
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	6	1.13
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	6	1.13
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	6	1.13
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	6	1.13
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	6	1.13
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	6	1.13
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	6	1.13
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	6	1.13
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	6	1.13
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	6	1.13
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	6	1.13
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	6	1.13
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	6	1.13
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	6	1.13
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	6	1.13
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	6	1.13
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	6	1.13
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	6	1.13
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	6	1.13
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	6	1.13
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	6	1.13
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	6	1.13
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	6	1.13
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	6	1.13
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	6	1.13
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	6	1.13
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	6	1.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	6	1.13
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	6	1.13
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	6	1.13
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	6	1.13
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	6	1.13
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	6	1.13
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	6	1.13
(13,1422)	1:31:A:PRO:HD2	1:144:A:LEU:HB3	10	1.13
(11,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	17	1.13
(11,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	17	1.13
(11,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	17	1.13
(11,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	17	1.13
(11,1931)	1:35:A:LEU:HG	1:80:A:TYR:HE1	7	1.13
(11,1931)	1:35:A:LEU:HG	1:80:A:TYR:HE2	7	1.13
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	17	1.13
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	17	1.13
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	17	1.13
(11,1334)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	1	1.13
(11,1334)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	1	1.13
(11,1334)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	1	1.13
(11,1143)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	16	1.13
(11,1143)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	16	1.13
(11,1143)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	16	1.13
(11,64)	1:34:A:LYS:H	1:81:A:GLU:H	9	1.13
(9,2430)	1:144:A:LEU:HD11	1:147:A:ARG:H	7	1.13
(9,2430)	1:144:A:LEU:HD12	1:147:A:ARG:H	7	1.13
(9,2430)	1:144:A:LEU:HD13	1:147:A:ARG:H	7	1.13
(9,2430)	1:144:A:LEU:HD21	1:147:A:ARG:H	7	1.13
(9,2430)	1:144:A:LEU:HD22	1:147:A:ARG:H	7	1.13
(9,2430)	1:144:A:LEU:HD23	1:147:A:ARG:H	7	1.13
(9,1941)	1:10:A:ASN:HD21	1:81:A:GLU:H	6	1.13
(9,1941)	1:10:A:ASN:HD22	1:81:A:GLU:H	6	1.13
(9,1941)	1:10:A:ASN:HD21	1:81:A:GLU:H	11	1.13
(9,1941)	1:10:A:ASN:HD22	1:81:A:GLU:H	11	1.13
(9,1919)	1:14:A:VAL:HB	1:18:A:PHE:HZ	11	1.13
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	13	1.13
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	13	1.13
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	13	1.13
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	13	1.13
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	13	1.13
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	13	1.13
(9,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	16	1.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2085)	1:39:A:VAL:HG11	1:43:A:MET:HB2	4	1.13
(7,2085)	1:39:A:VAL:HG12	1:43:A:MET:HB2	4	1.13
(7,2085)	1:39:A:VAL:HG13	1:43:A:MET:HB2	4	1.13
(7,2085)	1:39:A:VAL:HG21	1:43:A:MET:HB2	4	1.13
(7,2085)	1:39:A:VAL:HG22	1:43:A:MET:HB2	4	1.13
(7,2085)	1:39:A:VAL:HG23	1:43:A:MET:HB2	4	1.13
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD11	5	1.13
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD12	5	1.13
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD13	5	1.13
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD21	5	1.13
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD22	5	1.13
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD23	5	1.13
(7,920)	1:79:A:THR:HG21	1:81:A:GLU:HG2	6	1.13
(7,920)	1:79:A:THR:HG21	1:81:A:GLU:HG3	6	1.13
(7,920)	1:79:A:THR:HG22	1:81:A:GLU:HG2	6	1.13
(7,920)	1:79:A:THR:HG22	1:81:A:GLU:HG3	6	1.13
(7,920)	1:79:A:THR:HG23	1:81:A:GLU:HG2	6	1.13
(7,920)	1:79:A:THR:HG23	1:81:A:GLU:HG3	6	1.13
(7,916)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	16	1.13
(7,916)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	16	1.13
(7,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	16	1.13
(7,442)	1:68:A:LYS:H	1:70:A:LYS:HG3	15	1.13
(6,1920)	1:35:A:LEU:HG	1:80:A:TYR:HE1	7	1.13
(6,1920)	1:35:A:LEU:HG	1:80:A:TYR:HE2	7	1.13
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	13	1.13
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	13	1.13
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	13	1.13
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	13	1.13
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	13	1.13
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	13	1.13
(6,1711)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	9	1.13
(6,1711)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	9	1.13
(6,1711)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	9	1.13
(6,1119)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	16	1.13
(6,1119)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	16	1.13
(6,1119)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	16	1.13
(6,854)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	6	1.13
(6,854)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	6	1.13
(6,742)	1:147:A:ARG:HA	1:147:A:ARG:HE	2	1.13
(6,259)	1:27:A:ARG:HB3	1:29:A:LYS:H	3	1.13
(6,38)	1:98:A:ILE:H	1:105:A:LYS:HA	16	1.13
(5,2470)	1:144:A:LEU:HD11	1:147:A:ARG:HA	18	1.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2470)	1:144:A:LEU:HD12	1:147:A:ARG:HA	18	1.13
(5,2470)	1:144:A:LEU:HD13	1:147:A:ARG:HA	18	1.13
(5,2470)	1:144:A:LEU:HD21	1:147:A:ARG:HA	18	1.13
(5,2470)	1:144:A:LEU:HD22	1:147:A:ARG:HA	18	1.13
(5,2470)	1:144:A:LEU:HD23	1:147:A:ARG:HA	18	1.13
(5,2469)	1:144:A:LEU:HD11	1:147:A:ARG:H	7	1.13
(5,2469)	1:144:A:LEU:HD12	1:147:A:ARG:H	7	1.13
(5,2469)	1:144:A:LEU:HD13	1:147:A:ARG:H	7	1.13
(5,2469)	1:144:A:LEU:HD21	1:147:A:ARG:H	7	1.13
(5,2469)	1:144:A:LEU:HD22	1:147:A:ARG:H	7	1.13
(5,2469)	1:144:A:LEU:HD23	1:147:A:ARG:H	7	1.13
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD11	8	1.13
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD12	8	1.13
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD13	8	1.13
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD21	8	1.13
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD22	8	1.13
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD23	8	1.13
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD11	8	1.13
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD12	8	1.13
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD13	8	1.13
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD21	8	1.13
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD22	8	1.13
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD23	8	1.13
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD11	8	1.13
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD12	8	1.13
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD13	8	1.13
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD21	8	1.13
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD22	8	1.13
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD23	8	1.13
(5,1962)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	4	1.13
(5,1962)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	4	1.13
(5,1962)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	4	1.13
(5,1962)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	4	1.13
(5,1962)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	4	1.13
(5,1962)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	4	1.13
(5,1961)	1:10:A:ASN:HD21	1:14:A:VAL:HB	7	1.13
(5,1961)	1:10:A:ASN:HD22	1:14:A:VAL:HB	7	1.13
(5,1732)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	9	1.13
(5,1732)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	9	1.13
(5,1732)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	9	1.13
(5,1670)	1:132:A:ALA:HA	1:134:A:VAL:HG11	2	1.13
(5,1670)	1:132:A:ALA:HA	1:134:A:VAL:HG12	2	1.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1670)	1:132:A:ALA:HA	1:134:A:VAL:HG13	2	1.13
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	14	1.13
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	14	1.13
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	14	1.13
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	14	1.13
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	14	1.13
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	14	1.13
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	14	1.13
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	14	1.13
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	14	1.13
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD11	7	1.13
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD12	7	1.13
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD13	7	1.13
(5,1073)	1:14:A:VAL:HG21	1:61:A:SER:HA	3	1.13
(5,1073)	1:14:A:VAL:HG22	1:61:A:SER:HA	3	1.13
(5,1073)	1:14:A:VAL:HG23	1:61:A:SER:HA	3	1.13
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	15	1.13
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	15	1.13
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	15	1.13
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	15	1.13
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG2	6	1.13
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG3	6	1.13
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG2	6	1.13
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG3	6	1.13
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG2	6	1.13
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG3	6	1.13
(5,573)	1:148:A:CYS:HA	1:150:A:THR:H	9	1.13
(5,573)	1:148:A:CYS:HA	1:150:A:THR:H	18	1.13
(4,2429)	1:134:A:VAL:HG11	1:137:A:SER:HB2	17	1.13
(4,2429)	1:134:A:VAL:HG11	1:137:A:SER:HB3	17	1.13
(4,2429)	1:134:A:VAL:HG12	1:137:A:SER:HB2	17	1.13
(4,2429)	1:134:A:VAL:HG12	1:137:A:SER:HB3	17	1.13
(4,2429)	1:134:A:VAL:HG13	1:137:A:SER:HB2	17	1.13
(4,2429)	1:134:A:VAL:HG13	1:137:A:SER:HB3	17	1.13
(4,2429)	1:134:A:VAL:HG21	1:137:A:SER:HB2	17	1.13
(4,2429)	1:134:A:VAL:HG21	1:137:A:SER:HB3	17	1.13
(4,2429)	1:134:A:VAL:HG22	1:137:A:SER:HB2	17	1.13
(4,2429)	1:134:A:VAL:HG22	1:137:A:SER:HB3	17	1.13
(4,2429)	1:134:A:VAL:HG23	1:137:A:SER:HB2	17	1.13
(4,2429)	1:134:A:VAL:HG23	1:137:A:SER:HB3	17	1.13
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	1.13
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	1.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	1.13
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	1.13
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	1.13
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	1.13
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	1.13
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	1.13
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	1.13
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	1.13
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	1.13
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	1.13
(4,1115)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	16	1.13
(4,1115)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	16	1.13
(4,1115)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	16	1.13
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB1	10	1.13
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB2	10	1.13
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB3	10	1.13
(4,739)	1:147:A:ARG:HA	1:147:A:ARG:HE	2	1.13
(3,2252)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	18	1.13
(3,2252)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	18	1.13
(3,2252)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	18	1.13
(3,2252)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	18	1.13
(3,2172)	1:43:A:MET:HE1	1:131:A:LEU:HB2	4	1.13
(3,2172)	1:43:A:MET:HE1	1:131:A:LEU:HB3	4	1.13
(3,2172)	1:43:A:MET:HE2	1:131:A:LEU:HB2	4	1.13
(3,2172)	1:43:A:MET:HE2	1:131:A:LEU:HB3	4	1.13
(3,2172)	1:43:A:MET:HE3	1:131:A:LEU:HB2	4	1.13
(3,2172)	1:43:A:MET:HE3	1:131:A:LEU:HB3	4	1.13
(3,2088)	1:34:A:LYS:H	1:81:A:GLU:HB2	19	1.13
(3,2088)	1:34:A:LYS:H	1:81:A:GLU:HB3	19	1.13
(3,1950)	1:14:A:VAL:HB	1:18:A:PHE:HZ	11	1.13
(3,1937)	1:35:A:LEU:HG	1:80:A:TYR:HE1	7	1.13
(3,1937)	1:35:A:LEU:HG	1:80:A:TYR:HE2	7	1.13
(3,1741)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	9	1.13
(3,1741)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	9	1.13
(3,1741)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	9	1.13
(3,1696)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	1	1.13
(3,1696)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	1	1.13
(3,1685)	1:134:A:VAL:HG21	1:137:A:SER:H	9	1.13
(3,1685)	1:134:A:VAL:HG22	1:137:A:SER:H	9	1.13
(3,1685)	1:134:A:VAL:HG23	1:137:A:SER:H	9	1.13
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	17	1.13
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	17	1.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	17	1.13
(3,992)	1:31:A:PRO:HB2	1:143:A:TRP:HA	14	1.13
(3,992)	1:31:A:PRO:HB3	1:143:A:TRP:HA	14	1.13
(3,848)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	2	1.13
(3,848)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	2	1.13
(3,848)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	2	1.13
(3,848)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	2	1.13
(3,848)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	2	1.13
(3,848)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	2	1.13
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	7	1.13
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	7	1.13
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	7	1.13
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	7	1.13
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	7	1.13
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	7	1.13
(3,409)	1:119:A:LEU:H	1:119:A:LEU:HG	15	1.13
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG11	18	1.13
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG12	18	1.13
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG13	18	1.13
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG21	18	1.13
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG22	18	1.13
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG23	18	1.13
(2,1949)	1:14:A:VAL:HB	1:18:A:PHE:HZ	11	1.13
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	2	1.13
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	2	1.13
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	2	1.13
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	2	1.13
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	2	1.13
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	2	1.13
(2,1418)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	12	1.13
(2,1418)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	12	1.13
(2,1418)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	12	1.13
(2,1418)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	13	1.13
(2,1418)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	13	1.13
(2,1418)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	13	1.13
(2,1123)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	16	1.13
(2,1123)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	16	1.13
(2,1123)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	16	1.13
(2,920)	1:79:A:THR:HG21	1:81:A:GLU:HG2	6	1.13
(2,920)	1:79:A:THR:HG21	1:81:A:GLU:HG3	6	1.13
(2,920)	1:79:A:THR:HG22	1:81:A:GLU:HG2	6	1.13
(2,920)	1:79:A:THR:HG22	1:81:A:GLU:HG3	6	1.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,920)	1:79:A:THR:HG23	1:81:A:GLU:HG2	6	1.13
(2,920)	1:79:A:THR:HG23	1:81:A:GLU:HG3	6	1.13
(2,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	16	1.13
(2,577)	1:148:A:CYS:HA	1:150:A:THR:H	9	1.13
(2,577)	1:148:A:CYS:HA	1:150:A:THR:H	18	1.13
(2,424)	1:39:A:VAL:HG21	1:143:A:TRP:H	1	1.13
(2,424)	1:39:A:VAL:HG22	1:143:A:TRP:H	1	1.13
(2,424)	1:39:A:VAL:HG23	1:143:A:TRP:H	1	1.13
(1,2211)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	17	1.13
(1,2211)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	17	1.13
(1,2211)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	17	1.13
(1,2211)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	17	1.13
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE1	7	1.13
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE2	7	1.13
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	14	1.13
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	14	1.13
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	14	1.13
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	14	1.13
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	14	1.13
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	14	1.13
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	14	1.13
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	14	1.13
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	14	1.13
(1,973)	1:12:A:VAL:HA	1:43:A:MET:HG2	2	1.13
(1,849)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	19	1.13
(1,849)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	19	1.13
(1,849)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	19	1.13
(1,849)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	19	1.13
(1,849)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	19	1.13
(1,849)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	19	1.13
(1,833)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	3	1.13
(1,833)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	3	1.13
(1,833)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	3	1.13
(34,2208)	1:60:A:LEU:HD11	1:61:A:SER:HB2	10	1.12
(34,2208)	1:60:A:LEU:HD11	1:61:A:SER:HB3	10	1.12
(34,2208)	1:60:A:LEU:HD12	1:61:A:SER:HB2	10	1.12
(34,2208)	1:60:A:LEU:HD12	1:61:A:SER:HB3	10	1.12
(34,2208)	1:60:A:LEU:HD13	1:61:A:SER:HB2	10	1.12
(34,2208)	1:60:A:LEU:HD13	1:61:A:SER:HB3	10	1.12
(34,1923)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	5	1.12
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE1	12	1.12
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE2	12	1.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE3	12	1.12
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE1	12	1.12
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE2	12	1.12
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE3	12	1.12
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE1	1	1.12
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE2	1	1.12
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE3	1	1.12
(33,2040)	1:23:A:LEU:HD11	1:26:A:ASP:HA	11	1.12
(33,2040)	1:23:A:LEU:HD12	1:26:A:ASP:HA	11	1.12
(33,2040)	1:23:A:LEU:HD13	1:26:A:ASP:HA	11	1.12
(33,2040)	1:23:A:LEU:HD21	1:26:A:ASP:HA	11	1.12
(33,2040)	1:23:A:LEU:HD22	1:26:A:ASP:HA	11	1.12
(33,2040)	1:23:A:LEU:HD23	1:26:A:ASP:HA	11	1.12
(33,1997)	1:15:A:ALA:H	1:17:A:ASN:HD21	12	1.12
(33,1997)	1:15:A:ALA:H	1:17:A:ASN:HD22	12	1.12
(33,1916)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	5	1.12
(33,1916)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	5	1.12
(33,1913)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	4	1.12
(33,1913)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	6	1.12
(33,1863)	1:9:A:PHE:HE1	1:14:A:VAL:HB	8	1.12
(33,1863)	1:9:A:PHE:HE2	1:14:A:VAL:HB	8	1.12
(33,573)	1:16:A:SER:H	1:131:A:LEU:HB3	5	1.12
(33,558)	1:10:A:ASN:HD21	1:14:A:VAL:HB	7	1.12
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG2	15	1.12
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG3	15	1.12
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	9	1.12
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	9	1.12
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	9	1.12
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	9	1.12
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	9	1.12
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	9	1.12
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	9	1.12
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	9	1.12
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	9	1.12
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	9	1.12
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	9	1.12
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	9	1.12
(32,2007)	1:23:A:LEU:HD11	1:26:A:ASP:HA	11	1.12
(32,2007)	1:23:A:LEU:HD12	1:26:A:ASP:HA	11	1.12
(32,2007)	1:23:A:LEU:HD13	1:26:A:ASP:HA	11	1.12
(32,2007)	1:23:A:LEU:HD21	1:26:A:ASP:HA	11	1.12
(32,2007)	1:23:A:LEU:HD22	1:26:A:ASP:HA	11	1.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2007)	1:23:A:LEU:HD23	1:26:A:ASP:HA	11	1.12
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	9	1.12
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	9	1.12
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	9	1.12
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	9	1.12
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	9	1.12
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	9	1.12
(32,1986)	1:18:A:PHE:HB2	1:132:A:ALA:H	13	1.12
(32,1986)	1:18:A:PHE:HB3	1:132:A:ALA:H	13	1.12
(32,1964)	1:15:A:ALA:H	1:17:A:ASN:HD21	12	1.12
(32,1964)	1:15:A:ALA:H	1:17:A:ASN:HD22	12	1.12
(32,1838)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	13	1.12
(32,1838)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	13	1.12
(32,1665)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	14	1.12
(32,1665)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	14	1.12
(32,1665)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	14	1.12
(32,1095)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	17	1.12
(32,1095)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	17	1.12
(32,1095)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	17	1.12
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD11	18	1.12
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD12	18	1.12
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD13	18	1.12
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD21	18	1.12
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD22	18	1.12
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD23	18	1.12
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	2	1.12
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	2	1.12
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	2	1.12
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	2	1.12
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	2	1.12
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	2	1.12
(30,1880)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	13	1.12
(30,1880)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	13	1.12
(30,1766)	1:39:A:VAL:HG21	1:144:A:LEU:H	6	1.12
(30,1766)	1:39:A:VAL:HG22	1:144:A:LEU:H	6	1.12
(30,1766)	1:39:A:VAL:HG23	1:144:A:LEU:H	6	1.12
(30,1715)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	14	1.12
(30,1715)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	14	1.12
(30,1715)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	14	1.12
(30,1555)	1:60:A:LEU:HA	1:117:A:VAL:HG21	15	1.12
(30,1555)	1:60:A:LEU:HA	1:117:A:VAL:HG22	15	1.12
(30,1555)	1:60:A:LEU:HA	1:117:A:VAL:HG23	15	1.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1461)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	15	1.12
(30,1461)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	15	1.12
(30,1461)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	15	1.12
(30,1461)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	15	1.12
(30,1461)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	15	1.12
(30,1461)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	15	1.12
(30,1461)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	15	1.12
(30,1461)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	15	1.12
(30,1461)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	15	1.12
(30,1373)	1:47:A:ALA:H	1:134:A:VAL:HG11	19	1.12
(30,1373)	1:47:A:ALA:H	1:134:A:VAL:HG12	19	1.12
(30,1373)	1:47:A:ALA:H	1:134:A:VAL:HG13	19	1.12
(30,961)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	5	1.12
(30,961)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	5	1.12
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD11	18	1.12
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD12	18	1.12
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD13	18	1.12
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD21	18	1.12
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD22	18	1.12
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD23	18	1.12
(29,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	7	1.12
(29,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	7	1.12
(29,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	7	1.12
(29,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	7	1.12
(29,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	7	1.12
(29,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	7	1.12
(29,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	7	1.12
(29,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	7	1.12
(29,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	7	1.12
(29,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	7	1.12
(29,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	7	1.12
(29,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	7	1.12
(29,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	7	1.12
(29,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	7	1.12
(29,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	7	1.12
(29,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	7	1.12
(29,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	7	1.12
(29,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	7	1.12
(29,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	7	1.12
(29,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	7	1.12
(29,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	7	1.12
(29,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	7	1.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	7	1.12
(29,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	7	1.12
(29,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	7	1.12
(29,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	7	1.12
(29,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	7	1.12
(29,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	7	1.12
(29,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	7	1.12
(29,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	7	1.12
(29,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	7	1.12
(29,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	7	1.12
(29,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	7	1.12
(29,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	7	1.12
(29,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	7	1.12
(29,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	7	1.12
(29,2022)	1:15:A:ALA:H	1:17:A:ASN:HD21	12	1.12
(29,2022)	1:15:A:ALA:H	1:17:A:ASN:HD22	12	1.12
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	4	1.12
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	4	1.12
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	4	1.12
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	4	1.12
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	4	1.12
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	4	1.12
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	4	1.12
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	4	1.12
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	4	1.12
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	4	1.12
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	4	1.12
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	4	1.12
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	14	1.12
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	14	1.12
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	14	1.12
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	14	1.12
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	14	1.12
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	14	1.12
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	14	1.12
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	14	1.12
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	14	1.12
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	14	1.12
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	14	1.12
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	14	1.12
(29,1784)	1:39:A:VAL:HG21	1:144:A:LEU:H	6	1.12
(29,1784)	1:39:A:VAL:HG22	1:144:A:LEU:H	6	1.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1784)	1:39:A:VAL:HG23	1:144:A:LEU:H	6	1.12
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE1	1	1.12
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE2	1	1.12
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE3	1	1.12
(29,623)	1:26:A:ASP:H	1:30:A:LEU:HD11	9	1.12
(29,623)	1:26:A:ASP:H	1:30:A:LEU:HD12	9	1.12
(29,623)	1:26:A:ASP:H	1:30:A:LEU:HD13	9	1.12
(29,623)	1:26:A:ASP:H	1:30:A:LEU:HD21	9	1.12
(29,623)	1:26:A:ASP:H	1:30:A:LEU:HD22	9	1.12
(29,623)	1:26:A:ASP:H	1:30:A:LEU:HD23	9	1.12
(29,183)	1:8:A:ASP:H	1:58:A:ILE:HD11	12	1.12
(29,183)	1:8:A:ASP:H	1:58:A:ILE:HD12	12	1.12
(29,183)	1:8:A:ASP:H	1:58:A:ILE:HD13	12	1.12
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	6	1.12
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	6	1.12
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	6	1.12
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	6	1.12
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	6	1.12
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	6	1.12
(18,1856)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	13	1.12
(18,1856)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	13	1.12
(18,1695)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	14	1.12
(18,1695)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	14	1.12
(18,1695)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	14	1.12
(18,1139)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	17	1.12
(18,1139)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	17	1.12
(18,1139)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	17	1.12
(17,2215)	1:57:A:LEU:HD11	1:60:A:LEU:HG	3	1.12
(17,2215)	1:57:A:LEU:HD12	1:60:A:LEU:HG	3	1.12
(17,2215)	1:57:A:LEU:HD13	1:60:A:LEU:HG	3	1.12
(17,2215)	1:57:A:LEU:HD21	1:60:A:LEU:HG	3	1.12
(17,2215)	1:57:A:LEU:HD22	1:60:A:LEU:HG	3	1.12
(17,2215)	1:57:A:LEU:HD23	1:60:A:LEU:HG	3	1.12
(17,2005)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	14	1.12
(17,2005)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	14	1.12
(17,2005)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	14	1.12
(17,2005)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	14	1.12
(17,2005)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	14	1.12
(17,2005)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	14	1.12
(17,1931)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	5	1.12
(17,1931)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	5	1.12
(17,1929)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	4	1.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1929)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	6	1.12
(17,1778)	1:39:A:VAL:HG21	1:144:A:LEU:H	6	1.12
(17,1778)	1:39:A:VAL:HG22	1:144:A:LEU:H	6	1.12
(17,1778)	1:39:A:VAL:HG23	1:144:A:LEU:H	6	1.12
(17,1725)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	12	1.12
(17,1723)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	14	1.12
(17,1723)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	14	1.12
(17,1723)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	14	1.12
(17,1674)	1:69:A:MET:HE1	1:116:A:GLN:HG3	4	1.12
(17,1674)	1:69:A:MET:HE2	1:116:A:GLN:HG3	4	1.12
(17,1674)	1:69:A:MET:HE3	1:116:A:GLN:HG3	4	1.12
(17,176)	1:8:A:ASP:H	1:58:A:ILE:HD11	12	1.12
(17,176)	1:8:A:ASP:H	1:58:A:ILE:HD12	12	1.12
(17,176)	1:8:A:ASP:H	1:58:A:ILE:HD13	12	1.12
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD11	12	1.12
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD12	12	1.12
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD13	12	1.12
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD21	12	1.12
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD22	12	1.12
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD23	12	1.12
(16,2158)	1:44:A:GLU:HG2	1:45:A:ALA:HA	10	1.12
(16,2158)	1:44:A:GLU:HG3	1:45:A:ALA:HA	10	1.12
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	9	1.12
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	9	1.12
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	9	1.12
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	9	1.12
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	9	1.12
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	9	1.12
(16,1993)	1:15:A:ALA:H	1:17:A:ASN:HD21	12	1.12
(16,1993)	1:15:A:ALA:H	1:17:A:ASN:HD22	12	1.12
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	6	1.12
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	6	1.12
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	6	1.12
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	6	1.12
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	6	1.12
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	6	1.12
(16,1874)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	16	1.12
(16,1874)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	16	1.12
(16,1865)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	13	1.12
(16,1865)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	13	1.12
(16,1756)	1:39:A:VAL:HG21	1:144:A:LEU:H	6	1.12
(16,1756)	1:39:A:VAL:HG22	1:144:A:LEU:H	6	1.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1756)	1:39:A:VAL:HG23	1:144:A:LEU:H	6	1.12
(16,1701)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	12	1.12
(16,1393)	1:19:A:ALA:HB1	1:132:A:ALA:HA	5	1.12
(16,1393)	1:19:A:ALA:HB2	1:132:A:ALA:HA	5	1.12
(16,1393)	1:19:A:ALA:HB3	1:132:A:ALA:HA	5	1.12
(16,566)	1:10:A:ASN:HD21	1:14:A:VAL:HB	7	1.12
(15,2187)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	7	1.12
(15,2187)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	7	1.12
(15,2187)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	7	1.12
(15,2187)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	7	1.12
(15,2187)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	7	1.12
(15,2187)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	7	1.12
(15,2187)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	7	1.12
(15,2187)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	7	1.12
(15,2187)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	7	1.12
(15,2187)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	7	1.12
(15,2187)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	7	1.12
(15,2187)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	7	1.12
(15,2187)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	7	1.12
(15,2187)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	7	1.12
(15,2187)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	7	1.12
(15,2187)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	7	1.12
(15,2187)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	7	1.12
(15,2187)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	7	1.12
(15,2187)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	7	1.12
(15,2187)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	7	1.12
(15,2187)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	7	1.12
(15,2187)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	7	1.12
(15,2187)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	7	1.12
(15,2187)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	7	1.12
(15,2187)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	7	1.12
(15,2187)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	7	1.12
(15,2187)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	7	1.12
(15,2187)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	7	1.12
(15,2187)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	7	1.12
(15,2187)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	7	1.12
(15,2187)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	7	1.12
(15,2187)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	7	1.12
(15,2187)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	7	1.12
(15,2187)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	7	1.12
(15,2187)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	7	1.12
(15,2187)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	7	1.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2175)	1:57:A:LEU:HD11	1:60:A:LEU:HG	3	1.12
(15,2175)	1:57:A:LEU:HD12	1:60:A:LEU:HG	3	1.12
(15,2175)	1:57:A:LEU:HD13	1:60:A:LEU:HG	3	1.12
(15,2175)	1:57:A:LEU:HD21	1:60:A:LEU:HG	3	1.12
(15,2175)	1:57:A:LEU:HD22	1:60:A:LEU:HG	3	1.12
(15,2175)	1:57:A:LEU:HD23	1:60:A:LEU:HG	3	1.12
(15,1971)	1:15:A:ALA:H	1:17:A:ASN:HD21	12	1.12
(15,1971)	1:15:A:ALA:H	1:17:A:ASN:HD22	12	1.12
(15,1890)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	4	1.12
(15,1890)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	6	1.12
(15,1860)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	13	1.12
(15,1860)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	13	1.12
(15,1175)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	11	1.12
(15,1175)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	11	1.12
(15,1175)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	11	1.12
(15,920)	1:125:A:THR:HB	1:128:A:LEU:HG	8	1.12
(15,821)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	17	1.12
(15,821)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	17	1.12
(15,821)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	17	1.12
(15,182)	1:8:A:ASP:H	1:58:A:ILE:HD11	12	1.12
(15,182)	1:8:A:ASP:H	1:58:A:ILE:HD12	12	1.12
(15,182)	1:8:A:ASP:H	1:58:A:ILE:HD13	12	1.12
(13,2158)	1:57:A:LEU:HD11	1:60:A:LEU:HG	3	1.12
(13,2158)	1:57:A:LEU:HD12	1:60:A:LEU:HG	3	1.12
(13,2158)	1:57:A:LEU:HD13	1:60:A:LEU:HG	3	1.12
(13,2158)	1:57:A:LEU:HD21	1:60:A:LEU:HG	3	1.12
(13,2158)	1:57:A:LEU:HD22	1:60:A:LEU:HG	3	1.12
(13,2158)	1:57:A:LEU:HD23	1:60:A:LEU:HG	3	1.12
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	6	1.12
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	6	1.12
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	6	1.12
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	6	1.12
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	6	1.12
(13,2018)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	6	1.12
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	6	1.12
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	6	1.12
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	6	1.12
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	6	1.12
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	6	1.12
(13,2018)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	6	1.12
(13,1963)	1:15:A:ALA:H	1:17:A:ASN:HD21	12	1.12
(13,1963)	1:15:A:ALA:H	1:17:A:ASN:HD22	12	1.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG11	5	1.12
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG12	5	1.12
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG13	5	1.12
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG11	17	1.12
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG12	17	1.12
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG13	17	1.12
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	9	1.12
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	9	1.12
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	9	1.12
(13,1150)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	17	1.12
(13,1150)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	17	1.12
(13,1150)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	17	1.12
(13,1150)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	17	1.12
(13,1150)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	17	1.12
(13,1150)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	17	1.12
(13,857)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	6	1.12
(13,857)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	6	1.12
(13,857)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	8	1.12
(13,857)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	8	1.12
(13,555)	1:10:A:ASN:HD21	1:14:A:VAL:HB	7	1.12
(11,2074)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	1	1.12
(11,2074)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	1	1.12
(11,2074)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	1	1.12
(11,2074)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	1	1.12
(11,2055)	1:23:A:LEU:HD11	1:26:A:ASP:HA	11	1.12
(11,2055)	1:23:A:LEU:HD12	1:26:A:ASP:HA	11	1.12
(11,2055)	1:23:A:LEU:HD13	1:26:A:ASP:HA	11	1.12
(11,2055)	1:23:A:LEU:HD21	1:26:A:ASP:HA	11	1.12
(11,2055)	1:23:A:LEU:HD22	1:26:A:ASP:HA	11	1.12
(11,2055)	1:23:A:LEU:HD23	1:26:A:ASP:HA	11	1.12
(11,1897)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	13	1.12
(11,1897)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	13	1.12
(11,1822)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	4	1.12
(11,1822)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	4	1.12
(11,1822)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	4	1.12
(11,1822)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	4	1.12
(11,1822)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	4	1.12
(11,1822)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	4	1.12
(11,1798)	1:39:A:VAL:HG21	1:144:A:LEU:H	6	1.12
(11,1798)	1:39:A:VAL:HG22	1:144:A:LEU:H	6	1.12
(11,1798)	1:39:A:VAL:HG23	1:144:A:LEU:H	6	1.12
(11,1118)	1:146:A:GLN:HA	1:147:A:ARG:HG2	8	1.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1118)	1:146:A:GLN:HA	1:147:A:ARG:HG3	8	1.12
(11,971)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	6	1.12
(11,971)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	6	1.12
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	6	1.12
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	6	1.12
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	6	1.12
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	6	1.12
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	6	1.12
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	6	1.12
(11,759)	1:37:A:LEU:H	1:40:A:LEU:HB3	15	1.12
(9,2132)	1:47:A:ALA:H	1:134:A:VAL:HG11	11	1.12
(9,2132)	1:47:A:ALA:H	1:134:A:VAL:HG12	11	1.12
(9,2132)	1:47:A:ALA:H	1:134:A:VAL:HG13	11	1.12
(9,2132)	1:47:A:ALA:H	1:134:A:VAL:HG21	11	1.12
(9,2132)	1:47:A:ALA:H	1:134:A:VAL:HG22	11	1.12
(9,2132)	1:47:A:ALA:H	1:134:A:VAL:HG23	11	1.12
(9,2110)	1:40:A:LEU:HD11	1:41:A:LYS:HA	17	1.12
(9,2110)	1:40:A:LEU:HD12	1:41:A:LYS:HA	17	1.12
(9,2110)	1:40:A:LEU:HD13	1:41:A:LYS:HA	17	1.12
(9,2110)	1:40:A:LEU:HD21	1:41:A:LYS:HA	17	1.12
(9,2110)	1:40:A:LEU:HD22	1:41:A:LYS:HA	17	1.12
(9,2110)	1:40:A:LEU:HD23	1:41:A:LYS:HA	17	1.12
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	9	1.12
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	9	1.12
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	9	1.12
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	9	1.12
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	9	1.12
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	9	1.12
(9,1941)	1:10:A:ASN:HD21	1:81:A:GLU:H	10	1.12
(9,1941)	1:10:A:ASN:HD22	1:81:A:GLU:H	10	1.12
(9,1876)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	13	1.12
(9,1876)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	13	1.12
(9,1649)	1:69:A:MET:HE1	1:116:A:GLN:HG3	4	1.12
(9,1649)	1:69:A:MET:HE2	1:116:A:GLN:HG3	4	1.12
(9,1649)	1:69:A:MET:HE3	1:116:A:GLN:HG3	4	1.12
(9,1338)	1:105:A:LYS:HG3	1:106:A:ASP:HA	12	1.12
(9,180)	1:8:A:ASP:H	1:58:A:ILE:HD11	12	1.12
(9,180)	1:8:A:ASP:H	1:58:A:ILE:HD12	12	1.12
(9,180)	1:8:A:ASP:H	1:58:A:ILE:HD13	12	1.12
(7,2215)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	4	1.12
(7,2215)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	4	1.12
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD11	14	1.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD12	14	1.12
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD13	14	1.12
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD21	14	1.12
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD22	14	1.12
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD23	14	1.12
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD11	1	1.12
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD12	1	1.12
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD13	1	1.12
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD21	1	1.12
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD22	1	1.12
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD23	1	1.12
(7,1909)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	5	1.12
(7,1909)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	5	1.12
(7,1909)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	5	1.12
(7,1909)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	5	1.12
(7,1909)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	5	1.12
(7,1909)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	5	1.12
(7,1909)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	5	1.12
(7,1909)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	5	1.12
(7,1909)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	5	1.12
(7,1909)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	5	1.12
(7,1909)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	5	1.12
(7,1909)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	5	1.12
(7,1865)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	16	1.12
(7,1865)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	16	1.12
(7,1865)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	16	1.12
(7,1865)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	16	1.12
(7,1865)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	16	1.12
(7,1865)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	16	1.12
(7,1843)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	13	1.12
(7,1843)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	13	1.12
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	4	1.12
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	4	1.12
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	4	1.12
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	4	1.12
(7,1726)	1:39:A:VAL:HG21	1:144:A:LEU:H	6	1.12
(7,1726)	1:39:A:VAL:HG22	1:144:A:LEU:H	6	1.12
(7,1726)	1:39:A:VAL:HG23	1:144:A:LEU:H	6	1.12
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD11	17	1.12
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD12	17	1.12
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD13	17	1.12
(7,1487)	1:43:A:MET:HE1	1:44:A:GLU:HA	17	1.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1487)	1:43:A:MET:HE2	1:44:A:GLU:HA	17	1.12
(7,1487)	1:43:A:MET:HE3	1:44:A:GLU:HA	17	1.12
(7,973)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	13	1.12
(7,973)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	13	1.12
(7,954)	1:11:A:ILE:HG12	1:14:A:VAL:HB	17	1.12
(7,795)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	9	1.12
(7,560)	1:10:A:ASN:HD21	1:14:A:VAL:HB	7	1.12
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	9	1.12
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	9	1.12
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	9	1.12
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	9	1.12
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	9	1.12
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	9	1.12
(6,2001)	1:14:A:VAL:HG11	1:18:A:PHE:HB2	4	1.12
(6,2001)	1:14:A:VAL:HG12	1:18:A:PHE:HB2	4	1.12
(6,2001)	1:14:A:VAL:HG13	1:18:A:PHE:HB2	4	1.12
(6,2001)	1:14:A:VAL:HG21	1:18:A:PHE:HB2	4	1.12
(6,2001)	1:14:A:VAL:HG22	1:18:A:PHE:HB2	4	1.12
(6,2001)	1:14:A:VAL:HG23	1:18:A:PHE:HB2	4	1.12
(6,1925)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	5	1.12
(6,1879)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	13	1.12
(6,1879)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	13	1.12
(6,1871)	1:9:A:PHE:HE1	1:14:A:VAL:HB	19	1.12
(6,1871)	1:9:A:PHE:HE2	1:14:A:VAL:HB	19	1.12
(6,1711)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	14	1.12
(6,1711)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	14	1.12
(6,1711)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	14	1.12
(6,1696)	1:43:A:MET:HE1	1:135:A:GLN:H	8	1.12
(6,1696)	1:43:A:MET:HE2	1:135:A:GLN:H	8	1.12
(6,1696)	1:43:A:MET:HE3	1:135:A:GLN:H	8	1.12
(6,1239)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	16	1.12
(6,1239)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	16	1.12
(6,1239)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	16	1.12
(6,1239)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	16	1.12
(6,1239)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	16	1.12
(6,1239)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	16	1.12
(6,1168)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	9	1.12
(6,1168)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	9	1.12
(6,1168)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	9	1.12
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD11	1	1.12
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD12	1	1.12
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD13	1	1.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2192)	1:57:A:LEU:HD11	1:60:A:LEU:HG	3	1.12
(5,2192)	1:57:A:LEU:HD12	1:60:A:LEU:HG	3	1.12
(5,2192)	1:57:A:LEU:HD13	1:60:A:LEU:HG	3	1.12
(5,2192)	1:57:A:LEU:HD21	1:60:A:LEU:HG	3	1.12
(5,2192)	1:57:A:LEU:HD22	1:60:A:LEU:HG	3	1.12
(5,2192)	1:57:A:LEU:HD23	1:60:A:LEU:HG	3	1.12
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	9	1.12
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	9	1.12
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	9	1.12
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	9	1.12
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	9	1.12
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	9	1.12
(5,1989)	1:15:A:ALA:H	1:17:A:ASN:HD21	12	1.12
(5,1989)	1:15:A:ALA:H	1:17:A:ASN:HD22	12	1.12
(5,1903)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	13	1.12
(5,1903)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	13	1.12
(5,1884)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	4	1.12
(5,1788)	1:39:A:VAL:HG21	1:144:A:LEU:H	6	1.12
(5,1788)	1:39:A:VAL:HG22	1:144:A:LEU:H	6	1.12
(5,1788)	1:39:A:VAL:HG23	1:144:A:LEU:H	6	1.12
(5,1732)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	14	1.12
(5,1732)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	14	1.12
(5,1732)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	14	1.12
(5,1667)	1:131:A:LEU:H	1:134:A:VAL:HG11	9	1.12
(5,1667)	1:131:A:LEU:H	1:134:A:VAL:HG12	9	1.12
(5,1667)	1:131:A:LEU:H	1:134:A:VAL:HG13	9	1.12
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	7	1.12
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	7	1.12
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	7	1.12
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	7	1.12
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	7	1.12
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	7	1.12
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	7	1.12
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	7	1.12
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	7	1.12
(5,1296)	1:14:A:VAL:HG21	1:60:A:LEU:H	19	1.12
(5,1296)	1:14:A:VAL:HG22	1:60:A:LEU:H	19	1.12
(5,1296)	1:14:A:VAL:HG23	1:60:A:LEU:H	19	1.12
(5,913)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	13	1.12
(5,555)	1:10:A:ASN:HD21	1:14:A:VAL:HB	7	1.12
(5,74)	1:28:A:GLY:HA2	1:30:A:LEU:H	18	1.12
(5,74)	1:28:A:GLY:HA3	1:30:A:LEU:H	18	1.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2190)	1:57:A:LEU:HD11	1:60:A:LEU:HG	3	1.12
(4,2190)	1:57:A:LEU:HD12	1:60:A:LEU:HG	3	1.12
(4,2190)	1:57:A:LEU:HD13	1:60:A:LEU:HG	3	1.12
(4,2190)	1:57:A:LEU:HD21	1:60:A:LEU:HG	3	1.12
(4,2190)	1:57:A:LEU:HD22	1:60:A:LEU:HG	3	1.12
(4,2190)	1:57:A:LEU:HD23	1:60:A:LEU:HG	3	1.12
(4,1891)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	5	1.12
(4,1891)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	5	1.12
(4,1889)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	4	1.12
(4,1889)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	6	1.12
(4,1850)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	13	1.12
(4,1850)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	13	1.12
(4,1675)	1:43:A:MET:HE1	1:135:A:GLN:H	8	1.12
(4,1675)	1:43:A:MET:HE2	1:135:A:GLN:H	8	1.12
(4,1675)	1:43:A:MET:HE3	1:135:A:GLN:H	8	1.12
(4,749)	1:37:A:LEU:H	1:40:A:LEU:HB3	15	1.12
(3,2234)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	7	1.12
(3,2234)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	7	1.12
(3,2234)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	7	1.12
(3,2234)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	7	1.12
(3,2234)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	7	1.12
(3,2234)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	7	1.12
(3,2234)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	7	1.12
(3,2234)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	7	1.12
(3,2234)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	7	1.12
(3,2234)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	7	1.12
(3,2234)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	7	1.12
(3,2234)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	7	1.12
(3,2234)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	7	1.12
(3,2234)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	7	1.12
(3,2234)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	7	1.12
(3,2234)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	7	1.12
(3,2234)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	7	1.12
(3,2234)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	7	1.12
(3,2234)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	7	1.12
(3,2234)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	7	1.12
(3,2234)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	7	1.12
(3,2234)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	7	1.12
(3,2234)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	7	1.12
(3,2234)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	7	1.12
(3,2234)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	7	1.12
(3,2234)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	7	1.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2234)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	7	1.12
(3,2234)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	7	1.12
(3,2234)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	7	1.12
(3,2234)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	7	1.12
(3,2234)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	7	1.12
(3,2234)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	7	1.12
(3,2234)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	7	1.12
(3,2234)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	7	1.12
(3,2234)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	7	1.12
(3,2234)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	7	1.12
(3,1946)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	19	1.12
(3,1946)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	19	1.12
(3,1946)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	19	1.12
(3,1942)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	5	1.12
(3,1942)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	5	1.12
(3,1939)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	4	1.12
(3,1939)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	6	1.12
(3,1906)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	13	1.12
(3,1906)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	13	1.12
(3,1795)	1:39:A:VAL:HG21	1:144:A:LEU:H	6	1.12
(3,1795)	1:39:A:VAL:HG22	1:144:A:LEU:H	6	1.12
(3,1795)	1:39:A:VAL:HG23	1:144:A:LEU:H	6	1.12
(3,1741)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	14	1.12
(3,1741)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	14	1.12
(3,1741)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	14	1.12
(3,1010)	1:35:A:LEU:HG	1:143:A:TRP:HB3	6	1.12
(3,980)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	6	1.12
(3,980)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	6	1.12
(3,772)	1:37:A:LEU:H	1:40:A:LEU:HB3	15	1.12
(3,623)	1:26:A:ASP:H	1:30:A:LEU:HD11	9	1.12
(3,623)	1:26:A:ASP:H	1:30:A:LEU:HD12	9	1.12
(3,623)	1:26:A:ASP:H	1:30:A:LEU:HD13	9	1.12
(3,623)	1:26:A:ASP:H	1:30:A:LEU:HD21	9	1.12
(3,623)	1:26:A:ASP:H	1:30:A:LEU:HD22	9	1.12
(3,623)	1:26:A:ASP:H	1:30:A:LEU:HD23	9	1.12
(3,178)	1:8:A:ASP:H	1:58:A:ILE:HD11	12	1.12
(3,178)	1:8:A:ASP:H	1:58:A:ILE:HD12	12	1.12
(3,178)	1:8:A:ASP:H	1:58:A:ILE:HD13	12	1.12
(2,2057)	1:23:A:LEU:HD11	1:26:A:ASP:HA	11	1.12
(2,2057)	1:23:A:LEU:HD12	1:26:A:ASP:HA	11	1.12
(2,2057)	1:23:A:LEU:HD13	1:26:A:ASP:HA	11	1.12
(2,2057)	1:23:A:LEU:HD21	1:26:A:ASP:HA	11	1.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2057)	1:23:A:LEU:HD22	1:26:A:ASP:HA	11	1.12
(2,2057)	1:23:A:LEU:HD23	1:26:A:ASP:HA	11	1.12
(2,2022)	1:15:A:ALA:H	1:17:A:ASN:HD21	12	1.12
(2,2022)	1:15:A:ALA:H	1:17:A:ASN:HD22	12	1.12
(2,1904)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	13	1.12
(2,1904)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	13	1.12
(2,1362)	1:39:A:VAL:HG11	1:143:A:TRP:H	2	1.12
(2,1362)	1:39:A:VAL:HG12	1:143:A:TRP:H	2	1.12
(2,1362)	1:39:A:VAL:HG13	1:143:A:TRP:H	2	1.12
(2,1277)	1:15:A:ALA:HA	1:131:A:LEU:HG	18	1.12
(2,1188)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	11	1.12
(2,1188)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	11	1.12
(2,1188)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	11	1.12
(2,1188)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	11	1.12
(2,1188)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	11	1.12
(2,1188)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	11	1.12
(2,72)	1:54:A:ARG:H	1:54:A:ARG:HE	12	1.12
(1,2193)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	7	1.12
(1,2193)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	7	1.12
(1,2193)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	7	1.12
(1,2193)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	7	1.12
(1,2193)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	7	1.12
(1,2193)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	7	1.12
(1,2193)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	7	1.12
(1,2193)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	7	1.12
(1,2193)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	7	1.12
(1,2193)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	7	1.12
(1,2193)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	7	1.12
(1,2193)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	7	1.12
(1,2193)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	7	1.12
(1,2193)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	7	1.12
(1,2193)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	7	1.12
(1,2193)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	7	1.12
(1,2193)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	7	1.12
(1,2193)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	7	1.12
(1,2193)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	7	1.12
(1,2193)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	7	1.12
(1,2193)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	7	1.12
(1,2193)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	7	1.12
(1,2193)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	7	1.12
(1,2193)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	7	1.12
(1,2193)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	7	1.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2193)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	7	1.12
(1,2193)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	7	1.12
(1,2193)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	7	1.12
(1,2193)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	7	1.12
(1,2193)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	7	1.12
(1,2193)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	7	1.12
(1,2193)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	7	1.12
(1,2193)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	7	1.12
(1,2193)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	7	1.12
(1,2193)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	7	1.12
(1,2193)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	7	1.12
(1,2074)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	1.12
(1,2074)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	1.12
(1,2074)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	1.12
(1,2074)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	3	1.12
(1,2074)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	3	1.12
(1,2074)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	3	1.12
(1,1946)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	5	1.12
(1,1946)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	5	1.12
(1,1946)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	5	1.12
(1,1946)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	5	1.12
(1,1946)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	5	1.12
(1,1946)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	5	1.12
(1,1946)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	5	1.12
(1,1946)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	5	1.12
(1,1946)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	5	1.12
(1,1946)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	5	1.12
(1,1946)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	5	1.12
(1,1946)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	5	1.12
(1,1912)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	16	1.12
(1,1912)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	16	1.12
(1,1912)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	16	1.12
(1,1912)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	16	1.12
(1,1912)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	16	1.12
(1,1912)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	16	1.12
(1,1888)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	13	1.12
(1,1888)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	13	1.12
(1,1669)	1:69:A:MET:HE1	1:116:A:GLN:HG3	4	1.12
(1,1669)	1:69:A:MET:HE2	1:116:A:GLN:HG3	4	1.12
(1,1669)	1:69:A:MET:HE3	1:116:A:GLN:HG3	4	1.12
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	7	1.12
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	7	1.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	7	1.12
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	7	1.12
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	7	1.12
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	7	1.12
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	7	1.12
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	7	1.12
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	7	1.12
(1,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	14	1.12
(1,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	14	1.12
(1,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	14	1.12
(1,1211)	1:41:A:LYS:HG3	1:44:A:GLU:HG3	8	1.12
(1,564)	1:10:A:ASN:HD21	1:14:A:VAL:HB	7	1.12
(1,406)	1:119:A:LEU:H	1:119:A:LEU:HG	15	1.12
(34,2166)	1:47:A:ALA:H	1:134:A:VAL:HG11	11	1.11
(34,2166)	1:47:A:ALA:H	1:134:A:VAL:HG12	11	1.11
(34,2166)	1:47:A:ALA:H	1:134:A:VAL:HG13	11	1.11
(34,2166)	1:47:A:ALA:H	1:134:A:VAL:HG21	11	1.11
(34,2166)	1:47:A:ALA:H	1:134:A:VAL:HG22	11	1.11
(34,2166)	1:47:A:ALA:H	1:134:A:VAL:HG23	11	1.11
(34,1784)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	13	1.11
(34,1784)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	13	1.11
(34,1784)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	13	1.11
(34,1784)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	13	1.11
(34,1751)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	1.11
(34,1751)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	1.11
(34,1751)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	1.11
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE1	8	1.11
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE2	8	1.11
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE3	8	1.11
(34,1294)	1:11:A:ILE:HG21	1:15:A:ALA:HA	9	1.11
(34,1294)	1:11:A:ILE:HG22	1:15:A:ALA:HA	9	1.11
(34,1294)	1:11:A:ILE:HG23	1:15:A:ALA:HA	9	1.11
(34,1248)	1:34:A:LYS:H	1:81:A:GLU:HA	5	1.11
(34,1159)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	14	1.11
(34,1159)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	14	1.11
(34,1159)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	14	1.11
(34,867)	1:39:A:VAL:H	1:139:A:LEU:HB2	8	1.11
(34,867)	1:39:A:VAL:H	1:139:A:LEU:HB3	8	1.11
(34,792)	1:60:A:LEU:H	1:63:A:ILE:HD11	17	1.11
(34,792)	1:60:A:LEU:H	1:63:A:ILE:HD12	17	1.11
(34,792)	1:60:A:LEU:H	1:63:A:ILE:HD13	17	1.11
(34,344)	1:57:A:LEU:H	1:58:A:ILE:HG13	10	1.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2494)	1:144:A:LEU:HB2	1:147:A:ARG:HE	10	1.11
(33,2494)	1:144:A:LEU:HB3	1:147:A:ARG:HE	10	1.11
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD11	4	1.11
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD12	4	1.11
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD13	4	1.11
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD21	4	1.11
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD22	4	1.11
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD23	4	1.11
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	13	1.11
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	13	1.11
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	13	1.11
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	13	1.11
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	13	1.11
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	13	1.11
(33,1767)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	13	1.11
(33,1767)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	13	1.11
(33,1767)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	13	1.11
(33,1767)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	13	1.11
(33,1738)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	1.11
(33,1738)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	1.11
(33,1738)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	1.11
(33,1214)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	11	1.11
(33,1214)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	11	1.11
(33,1214)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	11	1.11
(33,1214)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	11	1.11
(33,1214)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	11	1.11
(33,1214)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	11	1.11
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD21	16	1.11
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD22	16	1.11
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD23	16	1.11
(33,718)	1:44:A:GLU:HB2	1:54:A:ARG:HE	18	1.11
(33,718)	1:44:A:GLU:HB3	1:54:A:ARG:HE	18	1.11
(33,711)	1:44:A:GLU:HB2	1:48:A:ARG:HE	5	1.11
(33,711)	1:44:A:GLU:HB3	1:48:A:ARG:HE	5	1.11
(33,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	8	1.11
(33,573)	1:16:A:SER:H	1:131:A:LEU:HB3	8	1.11
(33,572)	1:11:A:ILE:HD11	1:16:A:SER:H	17	1.11
(33,572)	1:11:A:ILE:HD12	1:16:A:SER:H	17	1.11
(33,572)	1:11:A:ILE:HD13	1:16:A:SER:H	17	1.11
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	16	1.11
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	16	1.11
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	16	1.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	16	1.11
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	16	1.11
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	16	1.11
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	16	1.11
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	16	1.11
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	16	1.11
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	16	1.11
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	16	1.11
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	16	1.11
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD11	9	1.11
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD12	9	1.11
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD13	9	1.11
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD21	9	1.11
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD22	9	1.11
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD23	9	1.11
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	13	1.11
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	13	1.11
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	13	1.11
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	13	1.11
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	13	1.11
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	13	1.11
(32,1993)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	13	1.11
(32,1993)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	13	1.11
(32,1993)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	13	1.11
(32,1993)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	13	1.11
(32,1993)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	13	1.11
(32,1993)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	13	1.11
(32,1993)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	13	1.11
(32,1993)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	13	1.11
(32,1993)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	13	1.11
(32,1993)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	13	1.11
(32,1993)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	13	1.11
(32,1993)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	13	1.11
(32,1955)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	1	1.11
(32,1955)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	1	1.11
(32,1955)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	1	1.11
(32,1955)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	1	1.11
(32,1955)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	1	1.11
(32,1955)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	1	1.11
(32,1925)	1:11:A:ILE:HG13	1:44:A:GLU:HG2	14	1.11
(32,1925)	1:11:A:ILE:HG13	1:44:A:GLU:HG3	14	1.11
(32,1811)	1:13:A:ALA:HA	1:80:A:TYR:HE1	12	1.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1811)	1:13:A:ALA:HA	1:80:A:TYR:HE2	12	1.11
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG21	14	1.11
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG22	14	1.11
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG23	14	1.11
(32,1510)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	14	1.11
(32,1510)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	14	1.11
(32,1510)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	14	1.11
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD21	6	1.11
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD22	6	1.11
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD23	6	1.11
(32,1190)	1:34:A:LYS:H	1:81:A:GLU:HA	5	1.11
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD21	16	1.11
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD22	16	1.11
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD23	16	1.11
(32,693)	1:44:A:GLU:HB2	1:48:A:ARG:HE	5	1.11
(32,693)	1:44:A:GLU:HB3	1:48:A:ARG:HE	5	1.11
(30,1868)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	10	1.11
(30,1868)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	10	1.11
(30,1827)	1:9:A:PHE:HZ	1:57:A:LEU:HA	7	1.11
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD21	1	1.11
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD22	1	1.11
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD23	1	1.11
(30,1219)	1:34:A:LYS:H	1:81:A:GLU:HA	5	1.11
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD21	5	1.11
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD22	5	1.11
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD23	5	1.11
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD21	5	1.11
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD22	5	1.11
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD23	5	1.11
(30,1125)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	14	1.11
(30,1125)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	14	1.11
(30,1125)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	14	1.11
(30,856)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	18	1.11
(30,856)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	18	1.11
(30,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	8	1.11
(30,411)	1:119:A:LEU:H	1:119:A:LEU:HG	15	1.11
(30,337)	1:57:A:LEU:H	1:58:A:ILE:HG13	10	1.11
(30,314)	1:43:A:MET:H	1:140:A:LEU:HD11	19	1.11
(30,314)	1:43:A:MET:H	1:140:A:LEU:HD12	19	1.11
(30,314)	1:43:A:MET:H	1:140:A:LEU:HD13	19	1.11
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	13	1.11
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	13	1.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	13	1.11
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	13	1.11
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	13	1.11
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	13	1.11
(29,2043)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	13	1.11
(29,2043)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	13	1.11
(29,2043)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	13	1.11
(29,2043)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	13	1.11
(29,2043)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	13	1.11
(29,2043)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	13	1.11
(29,2043)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	13	1.11
(29,2043)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	13	1.11
(29,2043)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	13	1.11
(29,2043)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	13	1.11
(29,2043)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	13	1.11
(29,2043)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	13	1.11
(29,2035)	1:17:A:ASN:HB2	1:76:A:ARG:HA	10	1.11
(29,2035)	1:17:A:ASN:HB3	1:76:A:ARG:HA	10	1.11
(29,1760)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	1.11
(29,1760)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	1.11
(29,1760)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	1.11
(29,1676)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	9	1.11
(29,1676)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	9	1.11
(29,1676)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	9	1.11
(29,1676)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	9	1.11
(29,1676)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	9	1.11
(29,1676)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	9	1.11
(29,1676)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	9	1.11
(29,1676)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	9	1.11
(29,1676)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	9	1.11
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE1	8	1.11
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE2	8	1.11
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE3	8	1.11
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB1	3	1.11
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB2	3	1.11
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB3	3	1.11
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG11	6	1.11
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG12	6	1.11
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG13	6	1.11
(29,626)	1:35:A:LEU:H	1:80:A:TYR:HB2	8	1.11
(18,2283)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	15	1.11
(18,2283)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	15	1.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2283)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	15	1.11
(18,2283)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	15	1.11
(18,2283)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	15	1.11
(18,2283)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	15	1.11
(18,2283)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	15	1.11
(18,2283)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	15	1.11
(18,2283)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	15	1.11
(18,2283)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	15	1.11
(18,2283)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	15	1.11
(18,2283)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	15	1.11
(18,1851)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	10	1.11
(18,1851)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	10	1.11
(18,1791)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	17	1.11
(18,1791)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	17	1.11
(18,1724)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	1.11
(18,1724)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	1.11
(18,1724)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	1.11
(18,1643)	1:69:A:MET:HE1	1:116:A:GLN:HG3	13	1.11
(18,1643)	1:69:A:MET:HE2	1:116:A:GLN:HG3	13	1.11
(18,1643)	1:69:A:MET:HE3	1:116:A:GLN:HG3	13	1.11
(18,1538)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	14	1.11
(18,1538)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	14	1.11
(18,1538)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	14	1.11
(18,1339)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	13	1.11
(18,1339)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	13	1.11
(18,1339)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	13	1.11
(18,1339)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	13	1.11
(18,1339)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	13	1.11
(18,1339)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	13	1.11
(18,1046)	1:60:A:LEU:H	1:63:A:ILE:HG13	17	1.11
(18,725)	1:44:A:GLU:HB2	1:48:A:ARG:HE	5	1.11
(18,725)	1:44:A:GLU:HB3	1:48:A:ARG:HE	5	1.11
(18,322)	1:11:A:ILE:HD11	1:43:A:MET:H	2	1.11
(18,322)	1:11:A:ILE:HD12	1:43:A:MET:H	2	1.11
(18,322)	1:11:A:ILE:HD13	1:43:A:MET:H	2	1.11
(18,166)	1:95:A:ILE:H	1:95:A:ILE:HB	15	1.11
(17,2145)	1:40:A:LEU:HD11	1:41:A:LYS:HA	15	1.11
(17,2145)	1:40:A:LEU:HD12	1:41:A:LYS:HA	15	1.11
(17,2145)	1:40:A:LEU:HD13	1:41:A:LYS:HA	15	1.11
(17,2145)	1:40:A:LEU:HD21	1:41:A:LYS:HA	15	1.11
(17,2145)	1:40:A:LEU:HD22	1:41:A:LYS:HA	15	1.11
(17,2145)	1:40:A:LEU:HD23	1:41:A:LYS:HA	15	1.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2039)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	13	1.11
(17,2039)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	13	1.11
(17,2039)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	13	1.11
(17,2039)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	13	1.11
(17,2039)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	13	1.11
(17,2039)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	13	1.11
(17,2039)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	13	1.11
(17,2039)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	13	1.11
(17,2039)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	13	1.11
(17,2039)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	13	1.11
(17,2039)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	13	1.11
(17,2039)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	13	1.11
(17,2027)	1:17:A:ASN:HB2	1:76:A:ARG:HA	10	1.11
(17,2027)	1:17:A:ASN:HB3	1:76:A:ARG:HA	10	1.11
(17,1841)	1:9:A:PHE:HZ	1:57:A:LEU:HA	7	1.11
(17,1756)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	1.11
(17,1756)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	1.11
(17,1756)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	1.11
(17,1392)	1:132:A:ALA:HA	1:134:A:VAL:HG11	13	1.11
(17,1392)	1:132:A:ALA:HA	1:134:A:VAL:HG12	13	1.11
(17,1392)	1:132:A:ALA:HA	1:134:A:VAL:HG13	13	1.11
(17,1163)	1:13:A:ALA:HB1	1:80:A:TYR:HA	8	1.11
(17,1163)	1:13:A:ALA:HB2	1:80:A:TYR:HA	8	1.11
(17,1163)	1:13:A:ALA:HB3	1:80:A:TYR:HA	8	1.11
(17,931)	1:125:A:THR:HB	1:128:A:LEU:HG	15	1.11
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD21	7	1.11
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD22	7	1.11
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD21	7	1.11
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD22	7	1.11
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD21	7	1.11
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD22	7	1.11
(16,2151)	1:43:A:MET:HE1	1:131:A:LEU:HB2	16	1.11
(16,2151)	1:43:A:MET:HE1	1:131:A:LEU:HB3	16	1.11
(16,2151)	1:43:A:MET:HE2	1:131:A:LEU:HB2	16	1.11
(16,2151)	1:43:A:MET:HE2	1:131:A:LEU:HB3	16	1.11
(16,2151)	1:43:A:MET:HE3	1:131:A:LEU:HB2	16	1.11
(16,2151)	1:43:A:MET:HE3	1:131:A:LEU:HB3	16	1.11
(16,2141)	1:40:A:LEU:HD11	1:43:A:MET:HG3	5	1.11
(16,2141)	1:40:A:LEU:HD12	1:43:A:MET:HG3	5	1.11
(16,2141)	1:40:A:LEU:HD13	1:43:A:MET:HG3	5	1.11
(16,2141)	1:40:A:LEU:HD21	1:43:A:MET:HG3	5	1.11
(16,2141)	1:40:A:LEU:HD22	1:43:A:MET:HG3	5	1.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2141)	1:40:A:LEU:HD23	1:43:A:MET:HG3	5	1.11
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD11	13	1.11
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD12	13	1.11
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD13	13	1.11
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD21	13	1.11
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD22	13	1.11
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD23	13	1.11
(16,1937)	1:10:A:ASN:HD21	1:15:A:ALA:H	8	1.11
(16,1937)	1:10:A:ASN:HD22	1:15:A:ALA:H	8	1.11
(16,1834)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	2	1.11
(16,1834)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	2	1.11
(16,1834)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	2	1.11
(16,1834)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	2	1.11
(16,1643)	1:132:A:ALA:HA	1:134:A:VAL:HG11	13	1.11
(16,1643)	1:132:A:ALA:HA	1:134:A:VAL:HG12	13	1.11
(16,1643)	1:132:A:ALA:HA	1:134:A:VAL:HG13	13	1.11
(16,1475)	1:95:A:ILE:HG21	1:97:A:ASP:H	3	1.11
(16,1475)	1:95:A:ILE:HG22	1:97:A:ASP:H	3	1.11
(16,1475)	1:95:A:ILE:HG23	1:97:A:ASP:H	3	1.11
(16,1393)	1:19:A:ALA:HB1	1:132:A:ALA:HA	18	1.11
(16,1393)	1:19:A:ALA:HB2	1:132:A:ALA:HA	18	1.11
(16,1393)	1:19:A:ALA:HB3	1:132:A:ALA:HA	18	1.11
(16,1231)	1:34:A:LYS:H	1:81:A:GLU:HA	5	1.11
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD21	16	1.11
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD22	16	1.11
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD23	16	1.11
(16,968)	1:39:A:VAL:HA	1:43:A:MET:HG2	3	1.11
(16,944)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	18	1.11
(16,944)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	18	1.11
(16,626)	1:35:A:LEU:H	1:80:A:TYR:HB2	8	1.11
(16,410)	1:119:A:LEU:H	1:119:A:LEU:HG	15	1.11
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	13	1.11
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	13	1.11
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	13	1.11
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	13	1.11
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	13	1.11
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	13	1.11
(15,2000)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	13	1.11
(15,2000)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	13	1.11
(15,2000)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	13	1.11
(15,2000)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	13	1.11
(15,2000)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	13	1.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2000)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	13	1.11
(15,2000)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	13	1.11
(15,2000)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	13	1.11
(15,2000)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	13	1.11
(15,2000)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	13	1.11
(15,2000)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	13	1.11
(15,2000)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	13	1.11
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	17	1.11
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	17	1.11
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	17	1.11
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	17	1.11
(15,1759)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	13	1.11
(15,1759)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	13	1.11
(15,1759)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	13	1.11
(15,1759)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	13	1.11
(15,1730)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	1.11
(15,1730)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	1.11
(15,1730)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	1.11
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD21	8	1.11
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD22	8	1.11
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD23	8	1.11
(15,1386)	1:19:A:ALA:HB1	1:132:A:ALA:HA	5	1.11
(15,1386)	1:19:A:ALA:HB2	1:132:A:ALA:HA	5	1.11
(15,1386)	1:19:A:ALA:HB3	1:132:A:ALA:HA	5	1.11
(15,1224)	1:34:A:LYS:H	1:81:A:GLU:HA	5	1.11
(15,1030)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	19	1.11
(15,817)	1:98:A:ILE:HD11	1:104:A:PHE:HB2	14	1.11
(15,817)	1:98:A:ILE:HD12	1:104:A:PHE:HB2	14	1.11
(15,817)	1:98:A:ILE:HD13	1:104:A:PHE:HB2	14	1.11
(15,409)	1:119:A:LEU:H	1:119:A:LEU:HG	15	1.11
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG11	19	1.11
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG12	19	1.11
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG13	19	1.11
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG21	19	1.11
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG22	19	1.11
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG23	19	1.11
(13,1850)	1:18:A:PHE:HE1	1:131:A:LEU:H	17	1.11
(13,1850)	1:18:A:PHE:HE2	1:131:A:LEU:H	17	1.11
(13,1826)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	10	1.11
(13,1826)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	10	1.11
(13,1744)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	5	1.11
(13,1744)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	5	1.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1707)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	1.11
(13,1707)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	1.11
(13,1707)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	1.11
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE1	12	1.11
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE2	12	1.11
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE3	12	1.11
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE1	12	1.11
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE2	12	1.11
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE3	12	1.11
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE1	12	1.11
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE2	12	1.11
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE3	12	1.11
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	4	1.11
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	4	1.11
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	4	1.11
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	4	1.11
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	4	1.11
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	4	1.11
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	5	1.11
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	5	1.11
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	5	1.11
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	16	1.11
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	16	1.11
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	16	1.11
(13,948)	1:11:A:ILE:HD11	1:43:A:MET:HB2	14	1.11
(13,948)	1:11:A:ILE:HD12	1:43:A:MET:HB2	14	1.11
(13,948)	1:11:A:ILE:HD13	1:43:A:MET:HB2	14	1.11
(13,905)	1:125:A:THR:HB	1:128:A:LEU:HG	15	1.11
(13,402)	1:119:A:LEU:H	1:119:A:LEU:HG	15	1.11
(13,332)	1:57:A:LEU:H	1:58:A:ILE:HG13	10	1.11
(11,2419)	1:134:A:VAL:HG11	1:137:A:SER:HB2	18	1.11
(11,2419)	1:134:A:VAL:HG11	1:137:A:SER:HB3	18	1.11
(11,2419)	1:134:A:VAL:HG12	1:137:A:SER:HB2	18	1.11
(11,2419)	1:134:A:VAL:HG12	1:137:A:SER:HB3	18	1.11
(11,2419)	1:134:A:VAL:HG13	1:137:A:SER:HB2	18	1.11
(11,2419)	1:134:A:VAL:HG13	1:137:A:SER:HB3	18	1.11
(11,2419)	1:134:A:VAL:HG21	1:137:A:SER:HB2	18	1.11
(11,2419)	1:134:A:VAL:HG21	1:137:A:SER:HB3	18	1.11
(11,2419)	1:134:A:VAL:HG22	1:137:A:SER:HB2	18	1.11
(11,2419)	1:134:A:VAL:HG22	1:137:A:SER:HB3	18	1.11
(11,2419)	1:134:A:VAL:HG23	1:137:A:SER:HB2	18	1.11
(11,2419)	1:134:A:VAL:HG23	1:137:A:SER:HB3	18	1.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2177)	1:46:A:ASN:HD21	1:131:A:LEU:HA	16	1.11
(11,2177)	1:46:A:ASN:HD22	1:131:A:LEU:HA	16	1.11
(11,2094)	1:35:A:LEU:HD11	1:143:A:TRP:HA	2	1.11
(11,2094)	1:35:A:LEU:HD12	1:143:A:TRP:HA	2	1.11
(11,2094)	1:35:A:LEU:HD13	1:143:A:TRP:HA	2	1.11
(11,2094)	1:35:A:LEU:HD21	1:143:A:TRP:HA	2	1.11
(11,2094)	1:35:A:LEU:HD22	1:143:A:TRP:HA	2	1.11
(11,2094)	1:35:A:LEU:HD23	1:143:A:TRP:HA	2	1.11
(11,1682)	1:134:A:VAL:HG11	1:137:A:SER:H	2	1.11
(11,1682)	1:134:A:VAL:HG12	1:137:A:SER:H	2	1.11
(11,1682)	1:134:A:VAL:HG13	1:137:A:SER:H	2	1.11
(11,1143)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	14	1.11
(11,1143)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	14	1.11
(11,1143)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	14	1.11
(11,971)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	10	1.11
(11,971)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	10	1.11
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	7	1.11
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	7	1.11
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	7	1.11
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	7	1.11
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	7	1.11
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	7	1.11
(11,713)	1:44:A:GLU:HB2	1:48:A:ARG:HE	5	1.11
(11,713)	1:44:A:GLU:HB3	1:48:A:ARG:HE	5	1.11
(11,622)	1:35:A:LEU:H	1:80:A:TYR:HB2	8	1.11
(9,1735)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	1.11
(9,1735)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	1.11
(9,1735)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	1.11
(9,1055)	1:43:A:MET:HB2	1:140:A:LEU:HG	10	1.11
(9,346)	1:57:A:LEU:H	1:58:A:ILE:HG13	10	1.11
(7,1977)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	13	1.11
(7,1977)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	13	1.11
(7,1977)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	13	1.11
(7,1977)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	13	1.11
(7,1977)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	13	1.11
(7,1977)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	13	1.11
(7,1977)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	13	1.11
(7,1977)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	13	1.11
(7,1977)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	13	1.11
(7,1977)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	13	1.11
(7,1977)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	13	1.11
(7,1977)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	13	1.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1838)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	10	1.11
(7,1838)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	10	1.11
(7,1792)	1:9:A:PHE:HZ	1:57:A:LEU:HA	7	1.11
(7,1333)	1:141:A:LYS:HB2	1:149:A:ALA:HA	12	1.11
(7,1333)	1:141:A:LYS:HB3	1:149:A:ALA:HA	12	1.11
(7,1133)	1:13:A:ALA:HB1	1:80:A:TYR:HA	8	1.11
(7,1133)	1:13:A:ALA:HB2	1:80:A:TYR:HA	8	1.11
(7,1133)	1:13:A:ALA:HB3	1:80:A:TYR:HA	8	1.11
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB1	3	1.11
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB2	3	1.11
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB3	3	1.11
(7,1036)	1:43:A:MET:HB2	1:140:A:LEU:HG	10	1.11
(7,795)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	3	1.11
(7,574)	1:11:A:ILE:HD11	1:16:A:SER:H	17	1.11
(7,574)	1:11:A:ILE:HD12	1:16:A:SER:H	17	1.11
(7,574)	1:11:A:ILE:HD13	1:16:A:SER:H	17	1.11
(7,334)	1:57:A:LEU:H	1:58:A:ILE:HG13	10	1.11
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	12	1.11
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	12	1.11
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	12	1.11
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	12	1.11
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	12	1.11
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	12	1.11
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	12	1.11
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	12	1.11
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	12	1.11
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	12	1.11
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	12	1.11
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	12	1.11
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	12	1.11
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	12	1.11
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	12	1.11
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	12	1.11
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	12	1.11
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	12	1.11
(6,2025)	1:17:A:ASN:HB2	1:76:A:ARG:HA	10	1.11
(6,2025)	1:17:A:ASN:HB3	1:76:A:ARG:HA	10	1.11
(6,2001)	1:14:A:VAL:HG11	1:18:A:PHE:HB2	11	1.11
(6,2001)	1:14:A:VAL:HG12	1:18:A:PHE:HB2	11	1.11
(6,2001)	1:14:A:VAL:HG13	1:18:A:PHE:HB2	11	1.11
(6,2001)	1:14:A:VAL:HG21	1:18:A:PHE:HB2	11	1.11
(6,2001)	1:14:A:VAL:HG22	1:18:A:PHE:HB2	11	1.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2001)	1:14:A:VAL:HG23	1:18:A:PHE:HB2	11	1.11
(6,1903)	1:18:A:PHE:HE1	1:131:A:LEU:H	17	1.11
(6,1903)	1:18:A:PHE:HE2	1:131:A:LEU:H	17	1.11
(6,1872)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	10	1.11
(6,1872)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	10	1.11
(6,1848)	1:13:A:ALA:HA	1:80:A:TYR:HE1	12	1.11
(6,1848)	1:13:A:ALA:HA	1:80:A:TYR:HE2	12	1.11
(6,1830)	1:9:A:PHE:HZ	1:57:A:LEU:HA	7	1.11
(6,1777)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	13	1.11
(6,1777)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	13	1.11
(6,1777)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	13	1.11
(6,1777)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	13	1.11
(6,1746)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	1.11
(6,1746)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	1.11
(6,1746)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	1.11
(6,1119)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	14	1.11
(6,1119)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	14	1.11
(6,1119)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	14	1.11
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	13	1.11
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	13	1.11
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	13	1.11
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	13	1.11
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	13	1.11
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	13	1.11
(6,333)	1:57:A:LEU:H	1:58:A:ILE:HG13	10	1.11
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	8	1.11
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	8	1.11
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	8	1.11
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	8	1.11
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	8	1.11
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	8	1.11
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	8	1.11
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	8	1.11
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	8	1.11
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	8	1.11
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	8	1.11
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	8	1.11
(5,2122)	1:40:A:LEU:HD11	1:41:A:LYS:HA	13	1.11
(5,2122)	1:40:A:LEU:HD12	1:41:A:LYS:HA	13	1.11
(5,2122)	1:40:A:LEU:HD13	1:41:A:LYS:HA	13	1.11
(5,2122)	1:40:A:LEU:HD21	1:41:A:LYS:HA	13	1.11
(5,2122)	1:40:A:LEU:HD22	1:41:A:LYS:HA	13	1.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2122)	1:40:A:LEU:HD23	1:41:A:LYS:HA	13	1.11
(5,1986)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	6	1.11
(5,1986)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	6	1.11
(5,1986)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	6	1.11
(5,1986)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	6	1.11
(5,1986)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	6	1.11
(5,1986)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	6	1.11
(5,1986)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	6	1.11
(5,1986)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	6	1.11
(5,1986)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	6	1.11
(5,1986)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	6	1.11
(5,1986)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	6	1.11
(5,1986)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	6	1.11
(5,1986)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	6	1.11
(5,1986)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	6	1.11
(5,1986)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	6	1.11
(5,1986)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	6	1.11
(5,1986)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	6	1.11
(5,1986)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	6	1.11
(5,1917)	1:18:A:PHE:HE1	1:131:A:LEU:H	17	1.11
(5,1917)	1:18:A:PHE:HE2	1:131:A:LEU:H	17	1.11
(5,1565)	1:40:A:LEU:HD21	1:43:A:MET:H	13	1.11
(5,1565)	1:40:A:LEU:HD22	1:43:A:MET:H	13	1.11
(5,1565)	1:40:A:LEU:HD23	1:43:A:MET:H	13	1.11
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG11	15	1.11
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG12	15	1.11
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG13	15	1.11
(5,712)	1:44:A:GLU:HB2	1:48:A:ARG:HE	5	1.11
(5,712)	1:44:A:GLU:HB3	1:48:A:ARG:HE	5	1.11
(5,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	8	1.11
(5,573)	1:148:A:CYS:HA	1:150:A:THR:H	19	1.11
(5,74)	1:28:A:GLY:HA2	1:30:A:LEU:H	19	1.11
(5,74)	1:28:A:GLY:HA3	1:30:A:LEU:H	19	1.11
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG11	6	1.11
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG12	6	1.11
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG13	6	1.11
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG21	6	1.11
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG22	6	1.11
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG23	6	1.11
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG11	4	1.11
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG12	4	1.11
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG13	4	1.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG21	4	1.11
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG22	4	1.11
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG23	4	1.11
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG11	4	1.11
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG12	4	1.11
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG13	4	1.11
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG21	4	1.11
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG22	4	1.11
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG23	4	1.11
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG11	4	1.11
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG12	4	1.11
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG13	4	1.11
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG21	4	1.11
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG22	4	1.11
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG23	4	1.11
(4,2019)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	13	1.11
(4,2019)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	13	1.11
(4,2019)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	13	1.11
(4,2019)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	13	1.11
(4,2019)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	13	1.11
(4,2019)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	13	1.11
(4,2019)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	13	1.11
(4,2019)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	13	1.11
(4,2019)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	13	1.11
(4,2019)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	13	1.11
(4,2019)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	13	1.11
(4,2019)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	13	1.11
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	7	1.11
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	7	1.11
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	7	1.11
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD21	7	1.11
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD22	7	1.11
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD23	7	1.11
(4,1724)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	1.11
(4,1724)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	1.11
(4,1724)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	1.11
(4,1115)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	14	1.11
(4,1115)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	14	1.11
(4,1115)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	14	1.11
(4,833)	1:48:A:ARG:HD2	1:49:A:LYS:HA	6	1.11
(4,833)	1:48:A:ARG:HD3	1:49:A:LYS:HA	6	1.11
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG21	2	1.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG22	2	1.11
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG23	2	1.11
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG21	2	1.11
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG22	2	1.11
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG23	2	1.11
(3,2042)	1:17:A:ASN:HB2	1:76:A:ARG:HA	10	1.11
(3,2042)	1:17:A:ASN:HB3	1:76:A:ARG:HA	10	1.11
(3,1895)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	10	1.11
(3,1895)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	10	1.11
(3,1873)	1:13:A:ALA:HA	1:80:A:TYR:HE1	12	1.11
(3,1873)	1:13:A:ALA:HA	1:80:A:TYR:HE2	12	1.11
(3,1854)	1:9:A:PHE:HZ	1:57:A:LEU:HA	7	1.11
(3,1759)	1:21:A:THR:HG21	1:23:A:LEU:HD21	6	1.11
(3,1759)	1:21:A:THR:HG21	1:23:A:LEU:HD22	6	1.11
(3,1759)	1:21:A:THR:HG21	1:23:A:LEU:HD23	6	1.11
(3,1759)	1:21:A:THR:HG22	1:23:A:LEU:HD21	6	1.11
(3,1759)	1:21:A:THR:HG22	1:23:A:LEU:HD22	6	1.11
(3,1759)	1:21:A:THR:HG22	1:23:A:LEU:HD23	6	1.11
(3,1759)	1:21:A:THR:HG23	1:23:A:LEU:HD21	6	1.11
(3,1759)	1:21:A:THR:HG23	1:23:A:LEU:HD22	6	1.11
(3,1759)	1:21:A:THR:HG23	1:23:A:LEU:HD23	6	1.11
(3,1689)	1:69:A:MET:HE1	1:116:A:GLN:HG3	3	1.11
(3,1689)	1:69:A:MET:HE2	1:116:A:GLN:HG3	3	1.11
(3,1689)	1:69:A:MET:HE3	1:116:A:GLN:HG3	3	1.11
(3,1414)	1:19:A:ALA:HB1	1:132:A:ALA:HA	5	1.11
(3,1414)	1:19:A:ALA:HB2	1:132:A:ALA:HA	5	1.11
(3,1414)	1:19:A:ALA:HB3	1:132:A:ALA:HA	5	1.11
(3,1245)	1:34:A:LYS:H	1:81:A:GLU:HA	5	1.11
(3,1040)	1:113:A:PHE:HA	1:116:A:GLN:HG3	12	1.11
(3,980)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	10	1.11
(3,980)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	10	1.11
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	7	1.11
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	7	1.11
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	7	1.11
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	7	1.11
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	7	1.11
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	7	1.11
(3,728)	1:44:A:GLU:HB2	1:54:A:ARG:HE	18	1.11
(3,728)	1:44:A:GLU:HB3	1:54:A:ARG:HE	18	1.11
(2,2078)	1:31:A:PRO:HD2	1:144:A:LEU:HA	2	1.11
(2,2078)	1:31:A:PRO:HD3	1:144:A:LEU:HA	2	1.11
(2,1758)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	1.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1758)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	1.11
(2,1758)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	1.11
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG21	14	1.11
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG22	14	1.11
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG23	14	1.11
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	9	1.11
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	9	1.11
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	9	1.11
(2,1170)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	11	1.11
(2,1170)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	11	1.11
(2,1170)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	11	1.11
(2,1123)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	14	1.11
(2,1123)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	14	1.11
(2,1123)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	14	1.11
(2,942)	1:39:A:VAL:HA	1:43:A:MET:HG2	3	1.11
(2,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	5	1.11
(2,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	5	1.11
(2,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	5	1.11
(2,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	5	1.11
(2,714)	1:44:A:GLU:HB2	1:54:A:ARG:HE	18	1.11
(2,714)	1:44:A:GLU:HB3	1:54:A:ARG:HE	18	1.11
(2,577)	1:148:A:CYS:HA	1:150:A:THR:H	19	1.11
(2,332)	1:57:A:LEU:H	1:58:A:ILE:HG13	10	1.11
(2,117)	1:10:A:ASN:HD22	1:80:A:TYR:H	14	1.11
(1,1997)	1:17:A:ASN:HB2	1:113:A:PHE:HE1	12	1.11
(1,1997)	1:17:A:ASN:HB2	1:113:A:PHE:HE2	12	1.11
(1,1997)	1:17:A:ASN:HB3	1:113:A:PHE:HE1	12	1.11
(1,1997)	1:17:A:ASN:HB3	1:113:A:PHE:HE2	12	1.11
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE1	3	1.11
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE2	3	1.11
(1,1804)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	16	1.11
(1,1804)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	16	1.11
(1,1804)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	16	1.11
(1,1804)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	16	1.11
(1,1804)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	16	1.11
(1,1804)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	16	1.11
(1,1638)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	18	1.11
(1,1385)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	14	1.11
(1,1385)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	14	1.11
(1,1385)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	14	1.11
(1,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	10	1.11
(1,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	10	1.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	10	1.11
(1,1161)	1:13:A:ALA:HB1	1:80:A:TYR:HA	8	1.11
(1,1161)	1:13:A:ALA:HB2	1:80:A:TYR:HA	8	1.11
(1,1161)	1:13:A:ALA:HB3	1:80:A:TYR:HA	8	1.11
(1,1043)	1:60:A:LEU:H	1:63:A:ILE:HG13	17	1.11
(1,648)	1:66:A:THR:H	1:96:A:VAL:H	8	1.11
(34,2208)	1:60:A:LEU:HD11	1:61:A:SER:HB2	9	1.1
(34,2208)	1:60:A:LEU:HD11	1:61:A:SER:HB3	9	1.1
(34,2208)	1:60:A:LEU:HD12	1:61:A:SER:HB2	9	1.1
(34,2208)	1:60:A:LEU:HD12	1:61:A:SER:HB3	9	1.1
(34,2208)	1:60:A:LEU:HD13	1:61:A:SER:HB2	9	1.1
(34,2208)	1:60:A:LEU:HD13	1:61:A:SER:HB3	9	1.1
(34,1994)	1:14:A:VAL:HG11	1:18:A:PHE:HA	14	1.1
(34,1994)	1:14:A:VAL:HG12	1:18:A:PHE:HA	14	1.1
(34,1994)	1:14:A:VAL:HG13	1:18:A:PHE:HA	14	1.1
(34,1994)	1:14:A:VAL:HG21	1:18:A:PHE:HA	14	1.1
(34,1994)	1:14:A:VAL:HG22	1:18:A:PHE:HA	14	1.1
(34,1994)	1:14:A:VAL:HG23	1:18:A:PHE:HA	14	1.1
(34,1890)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	3	1.1
(34,1890)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	3	1.1
(34,1890)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	3	1.1
(34,1890)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	3	1.1
(34,1890)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	18	1.1
(34,1890)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	18	1.1
(34,1890)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	18	1.1
(34,1890)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	18	1.1
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD2	13	1.1
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD3	13	1.1
(34,60)	1:34:A:LYS:H	1:81:A:GLU:H	10	1.1
(33,2085)	1:35:A:LEU:HD11	1:143:A:TRP:HB2	3	1.1
(33,2085)	1:35:A:LEU:HD12	1:143:A:TRP:HB2	3	1.1
(33,2085)	1:35:A:LEU:HD13	1:143:A:TRP:HB2	3	1.1
(33,2085)	1:35:A:LEU:HD21	1:143:A:TRP:HB2	3	1.1
(33,2085)	1:35:A:LEU:HD22	1:143:A:TRP:HB2	3	1.1
(33,2085)	1:35:A:LEU:HD23	1:143:A:TRP:HB2	3	1.1
(33,2025)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	12	1.1
(33,2025)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	12	1.1
(33,2025)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	12	1.1
(33,2025)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	12	1.1
(33,2025)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	12	1.1
(33,2025)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	12	1.1
(33,2025)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	12	1.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2025)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	12	1.1
(33,2025)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	12	1.1
(33,2025)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	12	1.1
(33,2025)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	12	1.1
(33,2025)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	12	1.1
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG21	4	1.1
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG22	4	1.1
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG23	4	1.1
(33,1686)	1:11:A:ILE:HG12	1:57:A:LEU:HB3	17	1.1
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE1	2	1.1
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE2	2	1.1
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE3	2	1.1
(32,1816)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	19	1.1
(32,1816)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	19	1.1
(32,1816)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	19	1.1
(32,1816)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	19	1.1
(32,1816)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	19	1.1
(32,1816)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	19	1.1
(32,1810)	1:79:A:THR:HB	1:80:A:TYR:HE1	11	1.1
(32,1810)	1:79:A:THR:HB	1:80:A:TYR:HE2	11	1.1
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG21	4	1.1
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG22	4	1.1
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG23	4	1.1
(32,1095)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	1	1.1
(32,1095)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	1	1.1
(32,1095)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	1	1.1
(32,57)	1:34:A:LYS:H	1:81:A:GLU:H	10	1.1
(30,2286)	1:79:A:THR:HG21	1:81:A:GLU:HB2	5	1.1
(30,2286)	1:79:A:THR:HG21	1:81:A:GLU:HB3	5	1.1
(30,2286)	1:79:A:THR:HG22	1:81:A:GLU:HB2	5	1.1
(30,2286)	1:79:A:THR:HG22	1:81:A:GLU:HB3	5	1.1
(30,2286)	1:79:A:THR:HG23	1:81:A:GLU:HB2	5	1.1
(30,2286)	1:79:A:THR:HG23	1:81:A:GLU:HB3	5	1.1
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	2	1.1
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	2	1.1
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	2	1.1
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	2	1.1
(29,1899)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	3	1.1
(29,1899)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	3	1.1
(29,1899)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	3	1.1
(29,1899)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	3	1.1
(29,1899)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	18	1.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1899)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	18	1.1
(29,1899)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	18	1.1
(29,1899)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	18	1.1
(29,1870)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	2	1.1
(29,1870)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	2	1.1
(29,1870)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	2	1.1
(29,1870)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	2	1.1
(29,1713)	1:52:A:CYS:HA	1:124:A:THR:HB	17	1.1
(29,1680)	1:69:A:MET:HE1	1:116:A:GLN:HG3	16	1.1
(29,1680)	1:69:A:MET:HE2	1:116:A:GLN:HG3	16	1.1
(29,1680)	1:69:A:MET:HE3	1:116:A:GLN:HG3	16	1.1
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG11	8	1.1
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG12	8	1.1
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG13	8	1.1
(29,775)	1:53:A:THR:H	1:124:A:THR:HG21	11	1.1
(29,775)	1:53:A:THR:H	1:124:A:THR:HG22	11	1.1
(29,775)	1:53:A:THR:H	1:124:A:THR:HG23	11	1.1
(29,446)	1:68:A:LYS:H	1:70:A:LYS:HG3	14	1.1
(18,2415)	1:134:A:VAL:HG11	1:137:A:SER:H	7	1.1
(18,2415)	1:134:A:VAL:HG12	1:137:A:SER:H	7	1.1
(18,2415)	1:134:A:VAL:HG13	1:137:A:SER:H	7	1.1
(18,2415)	1:134:A:VAL:HG21	1:137:A:SER:H	7	1.1
(18,2415)	1:134:A:VAL:HG22	1:137:A:SER:H	7	1.1
(18,2415)	1:134:A:VAL:HG23	1:137:A:SER:H	7	1.1
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	5	1.1
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	5	1.1
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	5	1.1
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	5	1.1
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	5	1.1
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	5	1.1
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	5	1.1
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	5	1.1
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	5	1.1
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	5	1.1
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	5	1.1
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	5	1.1
(18,2015)	1:18:A:PHE:HB2	1:132:A:ALA:HA	7	1.1
(18,2015)	1:18:A:PHE:HB3	1:132:A:ALA:HA	7	1.1
(18,1869)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	3	1.1
(18,1869)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	3	1.1
(18,1869)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	3	1.1
(18,1869)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	3	1.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1869)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	18	1.1
(18,1869)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	18	1.1
(18,1869)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	18	1.1
(18,1869)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	18	1.1
(18,1832)	1:13:A:ALA:HA	1:80:A:TYR:HE1	11	1.1
(18,1832)	1:13:A:ALA:HA	1:80:A:TYR:HE2	11	1.1
(18,1682)	1:43:A:MET:HE1	1:131:A:LEU:HA	5	1.1
(18,1682)	1:43:A:MET:HE2	1:131:A:LEU:HA	5	1.1
(18,1682)	1:43:A:MET:HE3	1:131:A:LEU:HA	5	1.1
(18,1643)	1:69:A:MET:HE1	1:116:A:GLN:HG3	15	1.1
(18,1643)	1:69:A:MET:HE2	1:116:A:GLN:HG3	15	1.1
(18,1643)	1:69:A:MET:HE3	1:116:A:GLN:HG3	15	1.1
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE1	15	1.1
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE2	15	1.1
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE3	15	1.1
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE1	15	1.1
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE2	15	1.1
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE3	15	1.1
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE1	15	1.1
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE2	15	1.1
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE3	15	1.1
(18,1376)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	14	1.1
(18,1376)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	14	1.1
(18,1376)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	14	1.1
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	17	1.1
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	17	1.1
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	17	1.1
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	17	1.1
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	17	1.1
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	17	1.1
(18,1139)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	1	1.1
(18,1139)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	1	1.1
(18,1139)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	1	1.1
(17,1966)	1:10:A:ASN:HD21	1:14:A:VAL:HB	7	1.1
(17,1966)	1:10:A:ASN:HD22	1:14:A:VAL:HB	7	1.1
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE1	15	1.1
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE2	15	1.1
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	13	1.1
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	13	1.1
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	13	1.1
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	13	1.1
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	13	1.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	13	1.1
(17,1724)	1:67:A:PRO:HD2	1:95:A:ILE:HA	16	1.1
(17,1392)	1:132:A:ALA:HA	1:134:A:VAL:HG11	7	1.1
(17,1392)	1:132:A:ALA:HA	1:134:A:VAL:HG12	7	1.1
(17,1392)	1:132:A:ALA:HA	1:134:A:VAL:HG13	7	1.1
(17,995)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	13	1.1
(17,995)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	13	1.1
(17,931)	1:125:A:THR:HB	1:128:A:LEU:HG	7	1.1
(17,599)	1:55:A:GLY:H	1:122:A:ASP:HB3	4	1.1
(16,2432)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	1	1.1
(16,2432)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	1	1.1
(16,2432)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	1	1.1
(16,2432)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	1	1.1
(16,2432)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	1	1.1
(16,2432)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	1	1.1
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	16	1.1
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	16	1.1
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	16	1.1
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	16	1.1
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	16	1.1
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	16	1.1
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	16	1.1
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	16	1.1
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	16	1.1
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	16	1.1
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	16	1.1
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	16	1.1
(16,2239)	1:69:A:MET:HG2	1:76:A:ARG:HB3	4	1.1
(16,2239)	1:69:A:MET:HG3	1:76:A:ARG:HB3	4	1.1
(16,2070)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	3	1.1
(16,2070)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	3	1.1
(16,2070)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	3	1.1
(16,2070)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	3	1.1
(16,2066)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	3	1.1
(16,2066)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	3	1.1
(16,2066)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	3	1.1
(16,2066)	1:31:A:PRO:HD2	1:144:A:LEU:HD21	3	1.1
(16,2066)	1:31:A:PRO:HD2	1:144:A:LEU:HD22	3	1.1
(16,2066)	1:31:A:PRO:HD2	1:144:A:LEU:HD23	3	1.1
(16,2066)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	3	1.1
(16,2066)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	3	1.1
(16,2066)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	3	1.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2066)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	3	1.1
(16,2066)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	3	1.1
(16,2066)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	3	1.1
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	4	1.1
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	4	1.1
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	4	1.1
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	4	1.1
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	4	1.1
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	4	1.1
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	4	1.1
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	4	1.1
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	4	1.1
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	4	1.1
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	4	1.1
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	4	1.1
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	14	1.1
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	14	1.1
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	14	1.1
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	14	1.1
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	14	1.1
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	14	1.1
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	14	1.1
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	14	1.1
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	14	1.1
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	14	1.1
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	14	1.1
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	14	1.1
(16,1899)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	1	1.1
(16,1899)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	8	1.1
(16,1643)	1:132:A:ALA:HA	1:134:A:VAL:HG11	7	1.1
(16,1643)	1:132:A:ALA:HA	1:134:A:VAL:HG12	7	1.1
(16,1643)	1:132:A:ALA:HA	1:134:A:VAL:HG13	7	1.1
(16,1564)	1:63:A:ILE:HD11	1:113:A:PHE:HA	11	1.1
(16,1564)	1:63:A:ILE:HD12	1:113:A:PHE:HA	11	1.1
(16,1564)	1:63:A:ILE:HD13	1:113:A:PHE:HA	11	1.1
(16,1533)	1:69:A:MET:HE1	1:76:A:ARG:HB2	13	1.1
(16,1533)	1:69:A:MET:HE2	1:76:A:ARG:HB2	13	1.1
(16,1533)	1:69:A:MET:HE3	1:76:A:ARG:HB2	13	1.1
(16,1005)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	3	1.1
(16,1005)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	3	1.1
(16,59)	1:34:A:LYS:H	1:81:A:GLU:H	10	1.1
(15,1896)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	2	1.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1896)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	2	1.1
(15,1896)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	2	1.1
(15,1386)	1:19:A:ALA:HB1	1:132:A:ALA:HA	18	1.1
(15,1386)	1:19:A:ALA:HB2	1:132:A:ALA:HA	18	1.1
(15,1386)	1:19:A:ALA:HB3	1:132:A:ALA:HA	18	1.1
(15,1030)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	6	1.1
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD21	14	1.1
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD22	14	1.1
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD23	14	1.1
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG11	1	1.1
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG12	1	1.1
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG13	1	1.1
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG21	1	1.1
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG22	1	1.1
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG23	1	1.1
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD11	3	1.1
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD12	3	1.1
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD13	3	1.1
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD21	3	1.1
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD22	3	1.1
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD23	3	1.1
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD11	11	1.1
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD12	11	1.1
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD13	11	1.1
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD21	11	1.1
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD22	11	1.1
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD23	11	1.1
(13,2003)	1:23:A:LEU:HD11	1:27:A:ARG:HB2	1	1.1
(13,2003)	1:23:A:LEU:HD12	1:27:A:ARG:HB2	1	1.1
(13,2003)	1:23:A:LEU:HD13	1:27:A:ARG:HB2	1	1.1
(13,2003)	1:23:A:LEU:HD21	1:27:A:ARG:HB2	1	1.1
(13,2003)	1:23:A:LEU:HD22	1:27:A:ARG:HB2	1	1.1
(13,2003)	1:23:A:LEU:HD23	1:27:A:ARG:HB2	1	1.1
(13,1662)	1:11:A:ILE:HG12	1:57:A:LEU:HB3	17	1.1
(13,1437)	1:13:A:ALA:HB1	1:80:A:TYR:HB2	9	1.1
(13,1437)	1:13:A:ALA:HB2	1:80:A:TYR:HB2	9	1.1
(13,1437)	1:13:A:ALA:HB3	1:80:A:TYR:HB2	9	1.1
(13,1422)	1:31:A:PRO:HD2	1:144:A:LEU:HB3	18	1.1
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	16	1.1
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	16	1.1
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	16	1.1
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB1	1	1.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB2	1	1.1
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB3	1	1.1
(13,950)	1:11:A:ILE:HG12	1:14:A:VAL:HB	4	1.1
(13,905)	1:125:A:THR:HB	1:128:A:LEU:HG	7	1.1
(11,2095)	1:35:A:LEU:HD11	1:143:A:TRP:HB2	3	1.1
(11,2095)	1:35:A:LEU:HD12	1:143:A:TRP:HB2	3	1.1
(11,2095)	1:35:A:LEU:HD13	1:143:A:TRP:HB2	3	1.1
(11,2095)	1:35:A:LEU:HD21	1:143:A:TRP:HB2	3	1.1
(11,2095)	1:35:A:LEU:HD22	1:143:A:TRP:HB2	3	1.1
(11,2095)	1:35:A:LEU:HD23	1:143:A:TRP:HB2	3	1.1
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	10	1.1
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	10	1.1
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	10	1.1
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	10	1.1
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	10	1.1
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	10	1.1
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	10	1.1
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	10	1.1
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	10	1.1
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	10	1.1
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	10	1.1
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	10	1.1
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	13	1.1
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	13	1.1
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	13	1.1
(11,1730)	1:11:A:ILE:HG12	1:57:A:LEU:HB3	17	1.1
(11,1601)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	3	1.1
(11,1601)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	3	1.1
(11,1601)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	3	1.1
(11,1601)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	3	1.1
(11,1601)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	3	1.1
(11,1601)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	3	1.1
(11,1601)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	3	1.1
(11,1601)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	3	1.1
(11,1601)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	3	1.1
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE1	15	1.1
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE2	15	1.1
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD2	13	1.1
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD3	13	1.1
(9,1255)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	5	1.1
(9,1255)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	5	1.1
(9,1255)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	5	1.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	7	1.1
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	7	1.1
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	7	1.1
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	7	1.1
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	7	1.1
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	7	1.1
(7,2316)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	3	1.1
(7,2316)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	3	1.1
(7,2316)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	3	1.1
(7,2316)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	3	1.1
(7,2316)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	3	1.1
(7,2316)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	3	1.1
(7,2316)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	3	1.1
(7,2316)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	3	1.1
(7,2316)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	3	1.1
(7,2316)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	3	1.1
(7,2316)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	3	1.1
(7,2316)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	3	1.1
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD11	18	1.1
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD12	18	1.1
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD13	18	1.1
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD21	18	1.1
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD22	18	1.1
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD23	18	1.1
(6,776)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	6	1.1
(6,776)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	6	1.1
(6,776)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	6	1.1
(5,1733)	1:67:A:PRO:HD2	1:95:A:ILE:HA	16	1.1
(5,1310)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	4	1.1
(5,1310)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	4	1.1
(5,1310)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	4	1.1
(5,1310)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	4	1.1
(5,1310)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	4	1.1
(5,1310)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	4	1.1
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	7	1.1
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	7	1.1
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	7	1.1
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	7	1.1
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	7	1.1
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	7	1.1
(5,573)	1:148:A:CYS:HA	1:150:A:THR:H	1	1.1
(5,573)	1:148:A:CYS:HA	1:150:A:THR:H	4	1.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,573)	1:148:A:CYS:HA	1:150:A:THR:H	6	1.1
(5,573)	1:148:A:CYS:HA	1:150:A:THR:H	11	1.1
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD11	3	1.1
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD12	3	1.1
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD13	3	1.1
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD21	3	1.1
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD22	3	1.1
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD23	3	1.1
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD11	11	1.1
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD12	11	1.1
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD13	11	1.1
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD21	11	1.1
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD22	11	1.1
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD23	11	1.1
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD11	12	1.1
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD12	12	1.1
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD13	12	1.1
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD21	12	1.1
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD22	12	1.1
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD23	12	1.1
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	13	1.1
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	13	1.1
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	13	1.1
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	13	1.1
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	13	1.1
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	13	1.1
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	19	1.1
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	19	1.1
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	19	1.1
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD21	19	1.1
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD22	19	1.1
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD23	19	1.1
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB1	1	1.1
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB2	1	1.1
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB3	1	1.1
(4,918)	1:125:A:THR:HB	1:128:A:LEU:HG	2	1.1
(4,776)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	6	1.1
(4,776)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	6	1.1
(4,776)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	6	1.1
(4,703)	1:48:A:ARG:HE	1:49:A:LYS:HA	4	1.1
(4,398)	1:119:A:LEU:H	1:119:A:LEU:HG	15	1.1
(3,2087)	1:32:A:GLY:HA2	1:81:A:GLU:H	11	1.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2087)	1:32:A:GLY:HA3	1:81:A:GLU:H	11	1.1
(3,1742)	1:67:A:PRO:HD2	1:95:A:ILE:HA	16	1.1
(3,1723)	1:11:A:ILE:HG12	1:57:A:LEU:HB3	17	1.1
(3,1414)	1:19:A:ALA:HB1	1:132:A:ALA:HA	18	1.1
(3,1414)	1:19:A:ALA:HB2	1:132:A:ALA:HA	18	1.1
(3,1414)	1:19:A:ALA:HB3	1:132:A:ALA:HA	18	1.1
(3,1253)	1:143:A:TRP:HD1	1:144:A:LEU:HD21	14	1.1
(3,1253)	1:143:A:TRP:HD1	1:144:A:LEU:HD22	14	1.1
(3,1253)	1:143:A:TRP:HD1	1:144:A:LEU:HD23	14	1.1
(3,1040)	1:113:A:PHE:HA	1:116:A:GLN:HG3	2	1.1
(3,863)	1:43:A:MET:HE1	1:144:A:LEU:HB3	5	1.1
(3,863)	1:43:A:MET:HE2	1:144:A:LEU:HB3	5	1.1
(3,863)	1:43:A:MET:HE3	1:144:A:LEU:HB3	5	1.1
(3,848)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	15	1.1
(3,848)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	15	1.1
(3,848)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	15	1.1
(3,848)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	15	1.1
(3,848)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	15	1.1
(3,848)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	15	1.1
(3,807)	1:11:A:ILE:HD11	1:43:A:MET:HG3	7	1.1
(3,807)	1:11:A:ILE:HD12	1:43:A:MET:HG3	7	1.1
(3,807)	1:11:A:ILE:HD13	1:43:A:MET:HG3	7	1.1
(3,63)	1:34:A:LYS:H	1:81:A:GLU:H	10	1.1
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG11	11	1.1
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG12	11	1.1
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG13	11	1.1
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG21	11	1.1
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG22	11	1.1
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG23	11	1.1
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG11	11	1.1
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG12	11	1.1
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG13	11	1.1
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG21	11	1.1
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG22	11	1.1
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG23	11	1.1
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG11	11	1.1
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG12	11	1.1
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG13	11	1.1
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG21	11	1.1
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG22	11	1.1
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG23	11	1.1
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG11	11	1.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG12	11	1.1
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG13	11	1.1
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG21	11	1.1
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG22	11	1.1
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG23	11	1.1
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG11	11	1.1
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG12	11	1.1
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG13	11	1.1
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG21	11	1.1
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG22	11	1.1
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG23	11	1.1
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG11	11	1.1
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG12	11	1.1
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG13	11	1.1
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG21	11	1.1
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG22	11	1.1
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG23	11	1.1
(2,2418)	1:131:A:LEU:HD11	1:134:A:VAL:HB	4	1.1
(2,2418)	1:131:A:LEU:HD12	1:134:A:VAL:HB	4	1.1
(2,2418)	1:131:A:LEU:HD13	1:134:A:VAL:HB	4	1.1
(2,2418)	1:131:A:LEU:HD21	1:134:A:VAL:HB	4	1.1
(2,2418)	1:131:A:LEU:HD22	1:134:A:VAL:HB	4	1.1
(2,2418)	1:131:A:LEU:HD23	1:134:A:VAL:HB	4	1.1
(2,1873)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	12	1.1
(2,1873)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	12	1.1
(2,1873)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	12	1.1
(2,1873)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	12	1.1
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	5	1.1
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	5	1.1
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	5	1.1
(2,577)	1:148:A:CYS:HA	1:150:A:THR:H	1	1.1
(2,577)	1:148:A:CYS:HA	1:150:A:THR:H	4	1.1
(2,577)	1:148:A:CYS:HA	1:150:A:THR:H	6	1.1
(2,577)	1:148:A:CYS:HA	1:150:A:THR:H	11	1.1
(2,117)	1:10:A:ASN:HD22	1:80:A:TYR:H	8	1.1
(1,2402)	1:134:A:VAL:HG11	1:137:A:SER:H	7	1.1
(1,2402)	1:134:A:VAL:HG12	1:137:A:SER:H	7	1.1
(1,2402)	1:134:A:VAL:HG13	1:137:A:SER:H	7	1.1
(1,2402)	1:134:A:VAL:HG21	1:137:A:SER:H	7	1.1
(1,2402)	1:134:A:VAL:HG22	1:137:A:SER:H	7	1.1
(1,2402)	1:134:A:VAL:HG23	1:137:A:SER:H	7	1.1
(1,1836)	1:9:A:PHE:HZ	1:57:A:LEU:HA	1	1.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1469)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	15	1.1
(1,1469)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	15	1.1
(1,1469)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	15	1.1
(1,1469)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	15	1.1
(1,1469)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	15	1.1
(1,1469)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	15	1.1
(1,1469)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	15	1.1
(1,1469)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	15	1.1
(1,1469)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	15	1.1
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB1	1	1.1
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB2	1	1.1
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB3	1	1.1
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	16	1.09
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	16	1.09
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	16	1.09
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	16	1.09
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	16	1.09
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	16	1.09
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	16	1.09
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	16	1.09
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	16	1.09
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	16	1.09
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	16	1.09
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	16	1.09
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	16	1.09
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	16	1.09
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	16	1.09
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	16	1.09
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	16	1.09
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	16	1.09
(34,2140)	1:40:A:LEU:HD11	1:44:A:GLU:H	19	1.09
(34,2140)	1:40:A:LEU:HD12	1:44:A:GLU:H	19	1.09
(34,2140)	1:40:A:LEU:HD13	1:44:A:GLU:H	19	1.09
(34,2140)	1:40:A:LEU:HD21	1:44:A:GLU:H	19	1.09
(34,2140)	1:40:A:LEU:HD22	1:44:A:GLU:H	19	1.09
(34,2140)	1:40:A:LEU:HD23	1:44:A:GLU:H	19	1.09
(34,2028)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	1.09
(34,2028)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	1.09
(34,2028)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	1.09
(34,2028)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	1.09
(34,2028)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	1.09
(34,2028)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	1.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2028)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	1.09
(34,2028)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	1.09
(34,2028)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	1.09
(34,2028)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	1.09
(34,2028)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	1.09
(34,2028)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	1.09
(34,1890)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	14	1.09
(34,1890)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	14	1.09
(34,1890)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	14	1.09
(34,1890)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	14	1.09
(34,1721)	1:67:A:PRO:HD2	1:95:A:ILE:HA	16	1.09
(34,1697)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	1.09
(34,1134)	1:18:A:PHE:HA	1:113:A:PHE:HZ	6	1.09
(34,940)	1:125:A:THR:HB	1:128:A:LEU:HB2	7	1.09
(34,413)	1:119:A:LEU:H	1:119:A:LEU:HG	15	1.09
(33,1698)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	11	1.09
(33,1698)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	11	1.09
(33,1457)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	15	1.09
(33,1457)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	15	1.09
(33,1457)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	15	1.09
(33,1457)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	15	1.09
(33,1457)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	15	1.09
(33,1457)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	15	1.09
(33,1457)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	15	1.09
(33,1457)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	15	1.09
(33,1457)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	15	1.09
(33,1269)	1:118:A:ASP:HA	1:121:A:VAL:HG11	10	1.09
(33,1269)	1:118:A:ASP:HA	1:121:A:VAL:HG12	10	1.09
(33,1269)	1:118:A:ASP:HA	1:121:A:VAL:HG13	10	1.09
(33,1181)	1:43:A:MET:HB2	1:140:A:LEU:HD11	9	1.09
(33,1181)	1:43:A:MET:HB2	1:140:A:LEU:HD12	9	1.09
(33,1181)	1:43:A:MET:HB2	1:140:A:LEU:HD13	9	1.09
(33,898)	1:124:A:THR:H	1:127:A:CYS:HB2	2	1.09
(32,2119)	1:41:A:LYS:HG2	1:44:A:GLU:HG2	9	1.09
(32,2119)	1:41:A:LYS:HG2	1:44:A:GLU:HG3	9	1.09
(32,2119)	1:41:A:LYS:HG3	1:44:A:GLU:HG2	9	1.09
(32,2119)	1:41:A:LYS:HG3	1:44:A:GLU:HG3	9	1.09
(32,1830)	1:18:A:PHE:HA	1:113:A:PHE:HE1	10	1.09
(32,1830)	1:18:A:PHE:HA	1:113:A:PHE:HE2	10	1.09
(32,1817)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	4	1.09
(32,1817)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	4	1.09
(32,1817)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	4	1.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1817)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	4	1.09
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG21	4	1.09
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG22	4	1.09
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG23	4	1.09
(32,1425)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	15	1.09
(32,1425)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	15	1.09
(32,1425)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	15	1.09
(32,1425)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	15	1.09
(32,1425)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	15	1.09
(32,1425)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	15	1.09
(32,1425)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	15	1.09
(32,1425)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	15	1.09
(32,1425)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	15	1.09
(32,1072)	1:18:A:PHE:HA	1:113:A:PHE:HZ	6	1.09
(30,1710)	1:141:A:LYS:HA	1:145:A:PRO:HD3	6	1.09
(30,1153)	1:13:A:ALA:HB1	1:80:A:TYR:HA	1	1.09
(30,1153)	1:13:A:ALA:HB2	1:80:A:TYR:HA	1	1.09
(30,1153)	1:13:A:ALA:HB3	1:80:A:TYR:HA	1	1.09
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	16	1.09
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	16	1.09
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	16	1.09
(30,232)	1:44:A:GLU:HG3	1:48:A:ARG:H	7	1.09
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD11	16	1.09
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD12	16	1.09
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD13	16	1.09
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD21	16	1.09
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD22	16	1.09
(29,2158)	1:43:A:MET:HE1	1:144:A:LEU:HD23	16	1.09
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD11	16	1.09
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD12	16	1.09
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD13	16	1.09
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD21	16	1.09
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD22	16	1.09
(29,2158)	1:43:A:MET:HE2	1:144:A:LEU:HD23	16	1.09
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD11	16	1.09
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD12	16	1.09
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD13	16	1.09
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD21	16	1.09
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD22	16	1.09
(29,2158)	1:43:A:MET:HE3	1:144:A:LEU:HD23	16	1.09
(29,1917)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	11	1.09
(29,1917)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	11	1.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1917)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	11	1.09
(29,1917)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	11	1.09
(29,1917)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	11	1.09
(29,1917)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	11	1.09
(29,1899)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	14	1.09
(29,1899)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	14	1.09
(29,1899)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	14	1.09
(29,1899)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	14	1.09
(29,1882)	1:18:A:PHE:HA	1:113:A:PHE:HE1	10	1.09
(29,1882)	1:18:A:PHE:HA	1:113:A:PHE:HE2	10	1.09
(29,1723)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	11	1.09
(29,1723)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	11	1.09
(29,1382)	1:47:A:ALA:H	1:134:A:VAL:HG11	8	1.09
(29,1382)	1:47:A:ALA:H	1:134:A:VAL:HG12	8	1.09
(29,1382)	1:47:A:ALA:H	1:134:A:VAL:HG13	8	1.09
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD11	6	1.09
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD12	6	1.09
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD13	6	1.09
(29,1117)	1:18:A:PHE:HA	1:113:A:PHE:HZ	6	1.09
(20,6)	1:52:A:CYS:SG	1:56:A:CYS:SG	11	1.09
(19,19)	1:56:A:CYS:SG	1:127:A:CYS:CB	10	1.09
(19,15)	1:52:A:CYS:SG	1:127:A:CYS:CB	2	1.09
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG11	4	1.09
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG12	4	1.09
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG13	4	1.09
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG21	4	1.09
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG22	4	1.09
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG23	4	1.09
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG11	4	1.09
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG12	4	1.09
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG13	4	1.09
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG21	4	1.09
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG22	4	1.09
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG23	4	1.09
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG11	4	1.09
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG12	4	1.09
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG13	4	1.09
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG21	4	1.09
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG22	4	1.09
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG23	4	1.09
(18,1889)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	11	1.09
(18,1889)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	11	1.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1889)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	11	1.09
(18,1889)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	11	1.09
(18,1889)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	11	1.09
(18,1889)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	11	1.09
(18,1869)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	14	1.09
(18,1869)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	14	1.09
(18,1869)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	14	1.09
(18,1869)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	14	1.09
(18,1841)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	14	1.09
(18,1841)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	14	1.09
(18,1026)	1:79:A:THR:HG21	1:81:A:GLU:HB2	2	1.09
(18,1026)	1:79:A:THR:HG22	1:81:A:GLU:HB2	2	1.09
(18,1026)	1:79:A:THR:HG23	1:81:A:GLU:HB2	2	1.09
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	6	1.09
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	6	1.09
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	6	1.09
(18,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	11	1.09
(17,1719)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	11	1.09
(17,1719)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	11	1.09
(17,1115)	1:18:A:PHE:HA	1:113:A:PHE:HZ	6	1.09
(17,977)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	12	1.09
(17,977)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	12	1.09
(17,977)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	12	1.09
(17,262)	1:39:A:VAL:H	1:139:A:LEU:HB2	8	1.09
(17,262)	1:39:A:VAL:H	1:139:A:LEU:HB3	8	1.09
(16,2339)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	11	1.09
(16,2339)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	11	1.09
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD11	4	1.09
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD12	4	1.09
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD13	4	1.09
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD21	4	1.09
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD22	4	1.09
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD23	4	1.09
(16,1899)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	9	1.09
(16,1763)	1:95:A:ILE:HB	1:97:A:ASP:HB2	3	1.09
(16,1763)	1:95:A:ILE:HB	1:97:A:ASP:HB3	3	1.09
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG21	9	1.09
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG22	9	1.09
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG23	9	1.09
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG21	9	1.09
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG22	9	1.09
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG23	9	1.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1696)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	11	1.09
(16,1696)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	11	1.09
(16,1533)	1:69:A:MET:HE1	1:76:A:ARG:HB2	18	1.09
(16,1533)	1:69:A:MET:HE2	1:76:A:ARG:HB2	18	1.09
(16,1533)	1:69:A:MET:HE3	1:76:A:ARG:HB2	18	1.09
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	5	1.09
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	5	1.09
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	5	1.09
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	5	1.09
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	5	1.09
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	5	1.09
(16,1332)	1:106:A:ASP:HA	1:112:A:GLN:HE21	18	1.09
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD11	11	1.09
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD12	11	1.09
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD13	11	1.09
(15,2019)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	5	1.09
(15,2019)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	5	1.09
(15,2019)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	5	1.09
(15,2019)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	5	1.09
(15,2019)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	5	1.09
(15,2019)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	5	1.09
(15,2019)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	5	1.09
(15,2019)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	5	1.09
(15,2019)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	5	1.09
(15,2019)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	5	1.09
(15,2019)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	5	1.09
(15,2019)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	5	1.09
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD11	7	1.09
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD12	7	1.09
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD13	7	1.09
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD21	7	1.09
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD22	7	1.09
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD23	7	1.09
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	10	1.09
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	10	1.09
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	10	1.09
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	10	1.09
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	10	1.09
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	10	1.09
(15,1695)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	11	1.09
(15,1695)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	11	1.09
(15,1260)	1:12:A:VAL:HG11	1:40:A:LEU:HA	15	1.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1260)	1:12:A:VAL:HG12	1:40:A:LEU:HA	15	1.09
(15,1260)	1:12:A:VAL:HG13	1:40:A:LEU:HA	15	1.09
(15,1153)	1:13:A:ALA:HB1	1:80:A:TYR:HA	1	1.09
(15,1153)	1:13:A:ALA:HB2	1:80:A:TYR:HA	1	1.09
(15,1153)	1:13:A:ALA:HB3	1:80:A:TYR:HA	1	1.09
(15,1106)	1:18:A:PHE:HA	1:113:A:PHE:HZ	6	1.09
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	4	1.09
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	4	1.09
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	4	1.09
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	4	1.09
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	4	1.09
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	4	1.09
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	4	1.09
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	4	1.09
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	4	1.09
(15,762)	1:13:A:ALA:HB1	1:34:A:LYS:H	3	1.09
(15,762)	1:13:A:ALA:HB2	1:34:A:LYS:H	3	1.09
(15,762)	1:13:A:ALA:HB3	1:34:A:LYS:H	3	1.09
(13,1813)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	14	1.09
(13,1813)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	14	1.09
(13,1783)	1:9:A:PHE:HZ	1:54:A:ARG:HA	14	1.09
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE1	19	1.09
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE2	19	1.09
(13,1668)	1:31:A:PRO:HD2	1:43:A:MET:HE3	19	1.09
(13,1131)	1:13:A:ALA:HB1	1:80:A:TYR:HA	1	1.09
(13,1131)	1:13:A:ALA:HB2	1:80:A:TYR:HA	1	1.09
(13,1131)	1:13:A:ALA:HB3	1:80:A:TYR:HA	1	1.09
(13,417)	1:100:A:ALA:H	1:119:A:LEU:HB3	9	1.09
(11,2419)	1:134:A:VAL:HG11	1:137:A:SER:HB2	13	1.09
(11,2419)	1:134:A:VAL:HG11	1:137:A:SER:HB3	13	1.09
(11,2419)	1:134:A:VAL:HG12	1:137:A:SER:HB2	13	1.09
(11,2419)	1:134:A:VAL:HG12	1:137:A:SER:HB3	13	1.09
(11,2419)	1:134:A:VAL:HG13	1:137:A:SER:HB2	13	1.09
(11,2419)	1:134:A:VAL:HG13	1:137:A:SER:HB3	13	1.09
(11,2419)	1:134:A:VAL:HG21	1:137:A:SER:HB2	13	1.09
(11,2419)	1:134:A:VAL:HG21	1:137:A:SER:HB3	13	1.09
(11,2419)	1:134:A:VAL:HG22	1:137:A:SER:HB2	13	1.09
(11,2419)	1:134:A:VAL:HG22	1:137:A:SER:HB3	13	1.09
(11,2419)	1:134:A:VAL:HG23	1:137:A:SER:HB2	13	1.09
(11,2419)	1:134:A:VAL:HG23	1:137:A:SER:HB3	13	1.09
(11,2418)	1:134:A:VAL:HG11	1:137:A:SER:H	10	1.09
(11,2418)	1:134:A:VAL:HG12	1:137:A:SER:H	10	1.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2418)	1:134:A:VAL:HG13	1:137:A:SER:H	10	1.09
(11,2418)	1:134:A:VAL:HG21	1:137:A:SER:H	10	1.09
(11,2418)	1:134:A:VAL:HG22	1:137:A:SER:H	10	1.09
(11,2418)	1:134:A:VAL:HG23	1:137:A:SER:H	10	1.09
(11,2418)	1:134:A:VAL:HG11	1:137:A:SER:H	17	1.09
(11,2418)	1:134:A:VAL:HG12	1:137:A:SER:H	17	1.09
(11,2418)	1:134:A:VAL:HG13	1:137:A:SER:H	17	1.09
(11,2418)	1:134:A:VAL:HG21	1:137:A:SER:H	17	1.09
(11,2418)	1:134:A:VAL:HG22	1:137:A:SER:H	17	1.09
(11,2418)	1:134:A:VAL:HG23	1:137:A:SER:H	17	1.09
(11,2074)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	11	1.09
(11,2074)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	11	1.09
(11,2074)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	11	1.09
(11,2074)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	11	1.09
(11,1917)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	11	1.09
(11,1917)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	11	1.09
(11,1917)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	11	1.09
(11,1917)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	11	1.09
(11,1917)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	11	1.09
(11,1917)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	11	1.09
(11,1347)	1:106:A:ASP:HA	1:112:A:GLN:HE21	18	1.09
(11,893)	1:124:A:THR:H	1:127:A:CYS:HB2	2	1.09
(11,55)	1:98:A:ILE:H	1:101:A:ILE:HG21	19	1.09
(11,55)	1:98:A:ILE:H	1:101:A:ILE:HG22	19	1.09
(11,55)	1:98:A:ILE:H	1:101:A:ILE:HG23	19	1.09
(9,1896)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	11	1.09
(9,1896)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	11	1.09
(9,1896)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	11	1.09
(9,1896)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	11	1.09
(9,1896)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	11	1.09
(9,1896)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	11	1.09
(9,1703)	1:67:A:PRO:HD2	1:95:A:ILE:HA	16	1.09
(9,1698)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	11	1.09
(9,1698)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	11	1.09
(9,1658)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	17	1.09
(9,1658)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	17	1.09
(9,1338)	1:105:A:LYS:HG3	1:106:A:ASP:HA	3	1.09
(9,1326)	1:106:A:ASP:HA	1:112:A:GLN:HE21	18	1.09
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD11	6	1.09
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD12	6	1.09
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD13	6	1.09
(9,1066)	1:54:A:ARG:HA	1:58:A:ILE:HG13	16	1.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,921)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	12	1.09
(9,921)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	12	1.09
(9,921)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	12	1.09
(9,921)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	12	1.09
(9,888)	1:124:A:THR:H	1:127:A:CYS:HB2	2	1.09
(9,153)	1:67:A:PRO:HD3	1:95:A:ILE:H	13	1.09
(7,2215)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	16	1.09
(7,2215)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	16	1.09
(7,2138)	1:46:A:ASN:HD21	1:134:A:VAL:HA	13	1.09
(7,2138)	1:46:A:ASN:HD22	1:134:A:VAL:HA	13	1.09
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	17	1.09
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	17	1.09
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	17	1.09
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	17	1.09
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	17	1.09
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	17	1.09
(7,1971)	1:18:A:PHE:HB2	1:132:A:ALA:HA	12	1.09
(7,1971)	1:18:A:PHE:HB3	1:132:A:ALA:HA	12	1.09
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	18	1.09
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	18	1.09
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	18	1.09
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	18	1.09
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	18	1.09
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	18	1.09
(7,1822)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	14	1.09
(7,1822)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	14	1.09
(7,1241)	1:12:A:VAL:HG11	1:40:A:LEU:HA	15	1.09
(7,1241)	1:12:A:VAL:HG12	1:40:A:LEU:HA	15	1.09
(7,1241)	1:12:A:VAL:HG13	1:40:A:LEU:HA	15	1.09
(7,978)	1:35:A:LEU:HG	1:143:A:TRP:HB3	5	1.09
(7,407)	1:119:A:LEU:H	1:119:A:LEU:HG	15	1.09
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	5	1.09
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	5	1.09
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	5	1.09
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	5	1.09
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	5	1.09
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	5	1.09
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	5	1.09
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	5	1.09
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	5	1.09
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	5	1.09
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	5	1.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	5	1.09
(6,2029)	1:17:A:ASN:HD21	1:79:A:THR:H	12	1.09
(6,2029)	1:17:A:ASN:HD22	1:79:A:THR:H	12	1.09
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	10	1.09
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	10	1.09
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	10	1.09
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	10	1.09
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	10	1.09
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	10	1.09
(6,1862)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	3	1.09
(6,1712)	1:67:A:PRO:HD2	1:95:A:ILE:HA	16	1.09
(6,1505)	1:43:A:MET:HE1	1:46:A:ASN:HB2	1	1.09
(6,1505)	1:43:A:MET:HE2	1:46:A:ASN:HB2	1	1.09
(6,1505)	1:43:A:MET:HE3	1:46:A:ASN:HB2	1	1.09
(6,1088)	1:18:A:PHE:HA	1:113:A:PHE:HZ	6	1.09
(6,1053)	1:54:A:ARG:HA	1:58:A:ILE:HG13	16	1.09
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	16	1.09
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	16	1.09
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	16	1.09
(6,884)	1:124:A:THR:H	1:127:A:CYS:HB2	2	1.09
(6,62)	1:32:A:GLY:HA2	1:81:A:GLU:H	5	1.09
(5,2479)	1:146:A:GLN:HG2	1:148:A:CYS:H	16	1.09
(5,2479)	1:146:A:GLN:HG3	1:148:A:CYS:H	16	1.09
(5,1981)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	12	1.09
(5,1981)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	12	1.09
(5,1981)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	12	1.09
(5,1981)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	12	1.09
(5,1981)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	12	1.09
(5,1981)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	12	1.09
(5,1725)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	11	1.09
(5,1725)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	11	1.09
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD11	6	1.09
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD12	6	1.09
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD13	6	1.09
(5,936)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	1	1.09
(5,936)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	1	1.09
(5,913)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	7	1.09
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	6	1.09
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	6	1.09
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	6	1.09
(5,573)	1:148:A:CYS:HA	1:150:A:THR:H	8	1.09
(4,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB2	14	1.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB3	14	1.09
(4,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB2	14	1.09
(4,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB3	14	1.09
(4,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB2	14	1.09
(4,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB3	14	1.09
(4,2049)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	5	1.09
(4,2049)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	5	1.09
(4,2049)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	5	1.09
(4,2049)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	5	1.09
(4,2049)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	5	1.09
(4,2049)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	5	1.09
(4,2049)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	5	1.09
(4,2049)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	5	1.09
(4,2049)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	5	1.09
(4,2049)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	5	1.09
(4,2049)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	5	1.09
(4,2049)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	5	1.09
(4,1874)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	11	1.09
(4,1874)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	11	1.09
(4,1874)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	11	1.09
(4,1874)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	11	1.09
(4,1874)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	11	1.09
(4,1874)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	11	1.09
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	10	1.09
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	10	1.09
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	10	1.09
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	10	1.09
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	10	1.09
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	10	1.09
(4,1682)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	11	1.09
(4,1682)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	11	1.09
(4,1627)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	2	1.09
(4,1627)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	2	1.09
(4,1627)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	2	1.09
(4,1627)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	2	1.09
(4,1627)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	2	1.09
(4,1627)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	2	1.09
(4,1627)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	2	1.09
(4,1627)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	2	1.09
(4,1627)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	2	1.09
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE1	7	1.09
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE2	7	1.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE3	7	1.09
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD11	3	1.09
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD12	3	1.09
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD13	3	1.09
(4,1088)	1:18:A:PHE:HA	1:113:A:PHE:HZ	6	1.09
(3,2466)	1:134:A:VAL:HG11	1:137:A:SER:HB2	5	1.09
(3,2466)	1:134:A:VAL:HG11	1:137:A:SER:HB3	5	1.09
(3,2466)	1:134:A:VAL:HG12	1:137:A:SER:HB2	5	1.09
(3,2466)	1:134:A:VAL:HG12	1:137:A:SER:HB3	5	1.09
(3,2466)	1:134:A:VAL:HG13	1:137:A:SER:HB2	5	1.09
(3,2466)	1:134:A:VAL:HG13	1:137:A:SER:HB3	5	1.09
(3,2466)	1:134:A:VAL:HG21	1:137:A:SER:HB2	5	1.09
(3,2466)	1:134:A:VAL:HG21	1:137:A:SER:HB3	5	1.09
(3,2466)	1:134:A:VAL:HG22	1:137:A:SER:HB2	5	1.09
(3,2466)	1:134:A:VAL:HG22	1:137:A:SER:HB3	5	1.09
(3,2466)	1:134:A:VAL:HG23	1:137:A:SER:HB2	5	1.09
(3,2466)	1:134:A:VAL:HG23	1:137:A:SER:HB3	5	1.09
(3,2465)	1:134:A:VAL:HG11	1:137:A:SER:H	18	1.09
(3,2465)	1:134:A:VAL:HG12	1:137:A:SER:H	18	1.09
(3,2465)	1:134:A:VAL:HG13	1:137:A:SER:H	18	1.09
(3,2465)	1:134:A:VAL:HG21	1:137:A:SER:H	18	1.09
(3,2465)	1:134:A:VAL:HG22	1:137:A:SER:H	18	1.09
(3,2465)	1:134:A:VAL:HG23	1:137:A:SER:H	18	1.09
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD11	13	1.09
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD12	13	1.09
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD13	13	1.09
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD11	13	1.09
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD12	13	1.09
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD13	13	1.09
(3,1735)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	11	1.09
(3,1735)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	11	1.09
(3,1643)	1:22:A:ASP:H	1:24:A:ASP:HA	5	1.09
(3,1355)	1:106:A:ASP:HA	1:112:A:GLN:HE21	18	1.09
(3,1126)	1:18:A:PHE:HA	1:113:A:PHE:HZ	6	1.09
(3,811)	1:11:A:ILE:HD11	1:43:A:MET:HG2	7	1.09
(3,811)	1:11:A:ILE:HD12	1:43:A:MET:HG2	7	1.09
(3,811)	1:11:A:ILE:HD13	1:43:A:MET:HG2	7	1.09
(3,485)	1:145:A:PRO:HB2	1:148:A:CYS:H	3	1.09
(3,425)	1:100:A:ALA:H	1:119:A:LEU:HB3	9	1.09
(2,2062)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	5	1.09
(2,2062)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	5	1.09
(2,2062)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	5	1.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2062)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	5	1.09
(2,2062)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	5	1.09
(2,2062)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	5	1.09
(2,2062)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	5	1.09
(2,2062)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	5	1.09
(2,2062)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	5	1.09
(2,2062)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	5	1.09
(2,2062)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	5	1.09
(2,2062)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	5	1.09
(2,1923)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	11	1.09
(2,1923)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	11	1.09
(2,1923)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	11	1.09
(2,1923)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	11	1.09
(2,1923)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	11	1.09
(2,1923)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	11	1.09
(2,1813)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	17	1.09
(2,1813)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	17	1.09
(2,1813)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	17	1.09
(2,1813)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	17	1.09
(2,1813)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	17	1.09
(2,1813)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	17	1.09
(2,1721)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	11	1.09
(2,1721)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	11	1.09
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG21	4	1.09
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG22	4	1.09
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG23	4	1.09
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	16	1.09
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	16	1.09
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	16	1.09
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD11	3	1.09
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD12	3	1.09
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD13	3	1.09
(2,1145)	1:13:A:ALA:HB1	1:80:A:TYR:HA	1	1.09
(2,1145)	1:13:A:ALA:HB2	1:80:A:TYR:HA	1	1.09
(2,1145)	1:13:A:ALA:HB3	1:80:A:TYR:HA	1	1.09
(2,1062)	1:54:A:ARG:HA	1:58:A:ILE:HG13	16	1.09
(2,709)	1:48:A:ARG:HE	1:49:A:LYS:HA	8	1.09
(2,577)	1:148:A:CYS:HA	1:150:A:THR:H	8	1.09
(2,92)	1:95:A:ILE:HG21	1:97:A:ASP:H	5	1.09
(2,92)	1:95:A:ILE:HG22	1:97:A:ASP:H	5	1.09
(2,92)	1:95:A:ILE:HG23	1:97:A:ASP:H	5	1.09
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE1	9	1.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE2	9	1.09
(1,1868)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	14	1.09
(1,1868)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	14	1.09
(1,1721)	1:67:A:PRO:HD2	1:95:A:ILE:HA	16	1.09
(1,1716)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	11	1.09
(1,1716)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	11	1.09
(1,1636)	1:10:A:ASN:HB3	1:14:A:VAL:HB	4	1.09
(1,1636)	1:10:A:ASN:HB3	1:14:A:VAL:HB	8	1.09
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	16	1.09
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	16	1.09
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	16	1.09
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	4	1.09
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	4	1.09
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	4	1.09
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	4	1.09
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	4	1.09
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	4	1.09
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	4	1.09
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	4	1.09
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	4	1.09
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD11	12	1.08
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD12	12	1.08
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD13	12	1.08
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD21	12	1.08
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD22	12	1.08
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD23	12	1.08
(34,2208)	1:60:A:LEU:HD11	1:61:A:SER:HB2	18	1.08
(34,2208)	1:60:A:LEU:HD11	1:61:A:SER:HB3	18	1.08
(34,2208)	1:60:A:LEU:HD12	1:61:A:SER:HB2	18	1.08
(34,2208)	1:60:A:LEU:HD12	1:61:A:SER:HB3	18	1.08
(34,2208)	1:60:A:LEU:HD13	1:61:A:SER:HB2	18	1.08
(34,2208)	1:60:A:LEU:HD13	1:61:A:SER:HB3	18	1.08
(34,2208)	1:60:A:LEU:HD11	1:61:A:SER:HB2	19	1.08
(34,2208)	1:60:A:LEU:HD11	1:61:A:SER:HB3	19	1.08
(34,2208)	1:60:A:LEU:HD12	1:61:A:SER:HB2	19	1.08
(34,2208)	1:60:A:LEU:HD12	1:61:A:SER:HB3	19	1.08
(34,2208)	1:60:A:LEU:HD13	1:61:A:SER:HB2	19	1.08
(34,2208)	1:60:A:LEU:HD13	1:61:A:SER:HB3	19	1.08
(34,2207)	1:60:A:LEU:HG	1:61:A:SER:HB2	3	1.08
(34,2207)	1:60:A:LEU:HG	1:61:A:SER:HB3	3	1.08
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	19	1.08
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	19	1.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	19	1.08
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	19	1.08
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	19	1.08
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	19	1.08
(34,1903)	1:18:A:PHE:HE1	1:57:A:LEU:HG	19	1.08
(34,1903)	1:18:A:PHE:HE2	1:57:A:LEU:HG	19	1.08
(34,1900)	1:18:A:PHE:HE1	1:131:A:LEU:H	17	1.08
(34,1900)	1:18:A:PHE:HE2	1:131:A:LEU:H	17	1.08
(34,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	7	1.08
(34,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	7	1.08
(34,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	7	1.08
(34,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	7	1.08
(34,1491)	1:101:A:ILE:HG21	1:115:A:ALA:H	19	1.08
(34,1491)	1:101:A:ILE:HG22	1:115:A:ALA:H	19	1.08
(34,1491)	1:101:A:ILE:HG23	1:115:A:ALA:H	19	1.08
(34,1159)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	10	1.08
(34,1159)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	10	1.08
(34,1159)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	10	1.08
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD21	5	1.08
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD22	5	1.08
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD23	5	1.08
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD11	16	1.08
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD12	16	1.08
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD13	16	1.08
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD21	16	1.08
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD22	16	1.08
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD23	16	1.08
(33,1967)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	16	1.08
(33,1967)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	16	1.08
(33,1967)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	16	1.08
(33,1967)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	16	1.08
(33,1967)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	16	1.08
(33,1967)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	16	1.08
(33,1967)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	16	1.08
(33,1967)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	16	1.08
(33,1967)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	16	1.08
(33,1967)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	16	1.08
(33,1967)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	16	1.08
(33,1967)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	16	1.08
(33,1892)	1:18:A:PHE:HE1	1:131:A:LEU:H	17	1.08
(33,1892)	1:18:A:PHE:HE2	1:131:A:LEU:H	17	1.08
(33,1733)	1:31:A:PRO:HB2	1:35:A:LEU:HA	15	1.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1733)	1:31:A:PRO:HB3	1:35:A:LEU:HA	15	1.08
(33,1469)	1:101:A:ILE:HG21	1:115:A:ALA:H	19	1.08
(33,1469)	1:101:A:ILE:HG22	1:115:A:ALA:H	19	1.08
(33,1469)	1:101:A:ILE:HG23	1:115:A:ALA:H	19	1.08
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD21	5	1.08
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD22	5	1.08
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD23	5	1.08
(33,981)	1:15:A:ALA:HB1	1:134:A:VAL:HB	5	1.08
(33,981)	1:15:A:ALA:HB2	1:134:A:VAL:HB	5	1.08
(33,981)	1:15:A:ALA:HB3	1:134:A:VAL:HB	5	1.08
(33,832)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	5	1.08
(33,832)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	5	1.08
(33,832)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	5	1.08
(33,832)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	5	1.08
(33,148)	1:131:A:LEU:H	1:131:A:LEU:HG	7	1.08
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD11	16	1.08
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD12	16	1.08
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD13	16	1.08
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD21	16	1.08
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD22	16	1.08
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD23	16	1.08
(32,1994)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	18	1.08
(32,1994)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	18	1.08
(32,1994)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	18	1.08
(32,1994)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	18	1.08
(32,1994)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	18	1.08
(32,1994)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	18	1.08
(32,1994)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	18	1.08
(32,1994)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	18	1.08
(32,1994)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	18	1.08
(32,1994)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	18	1.08
(32,1994)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	18	1.08
(32,1994)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	18	1.08
(32,1858)	1:18:A:PHE:HE1	1:131:A:LEU:H	17	1.08
(32,1858)	1:18:A:PHE:HE2	1:131:A:LEU:H	17	1.08
(32,1653)	1:43:A:MET:HE1	1:131:A:LEU:HA	12	1.08
(32,1653)	1:43:A:MET:HE2	1:131:A:LEU:HA	12	1.08
(32,1653)	1:43:A:MET:HE3	1:131:A:LEU:HA	12	1.08
(32,1510)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	10	1.08
(32,1510)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	10	1.08
(32,1510)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	10	1.08
(32,1436)	1:101:A:ILE:HG21	1:115:A:ALA:H	19	1.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1436)	1:101:A:ILE:HG22	1:115:A:ALA:H	19	1.08
(32,1436)	1:101:A:ILE:HG23	1:115:A:ALA:H	19	1.08
(32,1339)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	11	1.08
(32,1339)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	11	1.08
(32,1339)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	11	1.08
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD21	5	1.08
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD22	5	1.08
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD23	5	1.08
(32,809)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	5	1.08
(32,809)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	5	1.08
(32,809)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	5	1.08
(32,809)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	5	1.08
(32,781)	1:63:A:ILE:HD11	1:116:A:GLN:HE21	12	1.08
(32,781)	1:63:A:ILE:HD12	1:116:A:GLN:HE21	12	1.08
(32,781)	1:63:A:ILE:HD13	1:116:A:GLN:HE21	12	1.08
(32,146)	1:131:A:LEU:H	1:131:A:LEU:HG	7	1.08
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD11	18	1.08
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD12	18	1.08
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD13	18	1.08
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD21	18	1.08
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD22	18	1.08
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD23	18	1.08
(30,2277)	1:75:A:GLY:HA2	1:77:A:CYS:HB2	8	1.08
(30,2277)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	8	1.08
(30,1948)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	19	1.08
(30,1948)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	19	1.08
(30,1948)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	19	1.08
(30,1948)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	19	1.08
(30,1948)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	19	1.08
(30,1948)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	19	1.08
(30,1894)	1:18:A:PHE:HE1	1:131:A:LEU:H	17	1.08
(30,1894)	1:18:A:PHE:HE2	1:131:A:LEU:H	17	1.08
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE1	2	1.08
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE2	2	1.08
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE1	15	1.08
(30,1843)	1:33:A:LYS:HA	1:80:A:TYR:HE2	15	1.08
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD21	17	1.08
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD22	17	1.08
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD23	17	1.08
(30,1555)	1:60:A:LEU:HA	1:117:A:VAL:HG21	2	1.08
(30,1555)	1:60:A:LEU:HA	1:117:A:VAL:HG22	2	1.08
(30,1555)	1:60:A:LEU:HA	1:117:A:VAL:HG23	2	1.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1474)	1:101:A:ILE:HG21	1:115:A:ALA:H	19	1.08
(30,1474)	1:101:A:ILE:HG22	1:115:A:ALA:H	19	1.08
(30,1474)	1:101:A:ILE:HG23	1:115:A:ALA:H	19	1.08
(30,1347)	1:141:A:LYS:HB2	1:149:A:ALA:HA	17	1.08
(30,1347)	1:141:A:LYS:HB3	1:149:A:ALA:HA	17	1.08
(30,1153)	1:13:A:ALA:HB1	1:80:A:TYR:HA	12	1.08
(30,1153)	1:13:A:ALA:HB2	1:80:A:TYR:HA	12	1.08
(30,1153)	1:13:A:ALA:HB3	1:80:A:TYR:HA	12	1.08
(30,1125)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	10	1.08
(30,1125)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	10	1.08
(30,1125)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	10	1.08
(30,1059)	1:54:A:ARG:HA	1:58:A:ILE:HG13	18	1.08
(30,629)	1:9:A:PHE:HZ	1:58:A:ILE:H	7	1.08
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD21	5	1.08
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD22	5	1.08
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD23	5	1.08
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD11	12	1.08
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD12	12	1.08
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD13	12	1.08
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD21	12	1.08
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD22	12	1.08
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD23	12	1.08
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	19	1.08
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	19	1.08
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	19	1.08
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	19	1.08
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	19	1.08
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	19	1.08
(29,1911)	1:18:A:PHE:HE1	1:131:A:LEU:H	17	1.08
(29,1911)	1:18:A:PHE:HE2	1:131:A:LEU:H	17	1.08
(29,1484)	1:101:A:ILE:HG21	1:115:A:ALA:H	19	1.08
(29,1484)	1:101:A:ILE:HG22	1:115:A:ALA:H	19	1.08
(29,1484)	1:101:A:ILE:HG23	1:115:A:ALA:H	19	1.08
(29,998)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	3	1.08
(29,998)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	3	1.08
(29,714)	1:23:A:LEU:HB2	1:27:A:ARG:HE	3	1.08
(29,714)	1:23:A:LEU:HB3	1:27:A:ARG:HE	3	1.08
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD11	12	1.08
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD12	12	1.08
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD13	12	1.08
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD21	12	1.08
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD22	12	1.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD23	12	1.08
(18,2015)	1:18:A:PHE:HB2	1:132:A:ALA:HA	13	1.08
(18,2015)	1:18:A:PHE:HB3	1:132:A:ALA:HA	13	1.08
(18,1943)	1:10:A:ASN:HD21	1:80:A:TYR:H	5	1.08
(18,1943)	1:10:A:ASN:HD22	1:80:A:TYR:H	5	1.08
(18,1881)	1:18:A:PHE:HE1	1:131:A:LEU:H	17	1.08
(18,1881)	1:18:A:PHE:HE2	1:131:A:LEU:H	17	1.08
(18,1606)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	6	1.08
(18,1606)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	6	1.08
(18,1606)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	6	1.08
(18,1606)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	6	1.08
(18,1606)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	6	1.08
(18,1606)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	6	1.08
(18,1606)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	14	1.08
(18,1606)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	14	1.08
(18,1606)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	14	1.08
(18,1606)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	14	1.08
(18,1606)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	14	1.08
(18,1606)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	14	1.08
(18,1538)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	10	1.08
(18,1538)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	10	1.08
(18,1538)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	10	1.08
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	19	1.08
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	19	1.08
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	19	1.08
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	19	1.08
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	19	1.08
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	19	1.08
(17,2145)	1:40:A:LEU:HD11	1:41:A:LYS:HA	11	1.08
(17,2145)	1:40:A:LEU:HD12	1:41:A:LYS:HA	11	1.08
(17,2145)	1:40:A:LEU:HD13	1:41:A:LYS:HA	11	1.08
(17,2145)	1:40:A:LEU:HD21	1:41:A:LYS:HA	11	1.08
(17,2145)	1:40:A:LEU:HD22	1:41:A:LYS:HA	11	1.08
(17,2145)	1:40:A:LEU:HD23	1:41:A:LYS:HA	11	1.08
(17,1964)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	19	1.08
(17,1964)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	19	1.08
(17,1964)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	19	1.08
(17,1964)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	19	1.08
(17,1964)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	19	1.08
(17,1964)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	19	1.08
(17,1866)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	2	1.08
(17,1866)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	2	1.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1866)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	2	1.08
(17,1866)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	2	1.08
(17,1498)	1:101:A:ILE:HG21	1:115:A:ALA:H	19	1.08
(17,1498)	1:101:A:ILE:HG22	1:115:A:ALA:H	19	1.08
(17,1498)	1:101:A:ILE:HG23	1:115:A:ALA:H	19	1.08
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	5	1.08
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	5	1.08
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	5	1.08
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD21	18	1.08
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD22	18	1.08
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD21	18	1.08
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD22	18	1.08
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD21	18	1.08
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD22	18	1.08
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	19	1.08
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	19	1.08
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	19	1.08
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	19	1.08
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	19	1.08
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	19	1.08
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD11	16	1.08
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD12	16	1.08
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD13	16	1.08
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD21	16	1.08
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD22	16	1.08
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD23	16	1.08
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD11	13	1.08
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD12	13	1.08
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD13	13	1.08
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD21	13	1.08
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD22	13	1.08
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD23	13	1.08
(16,1933)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	19	1.08
(16,1933)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	19	1.08
(16,1933)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	19	1.08
(16,1933)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	19	1.08
(16,1933)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	19	1.08
(16,1933)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	19	1.08
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG11	4	1.08
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG12	4	1.08
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG13	4	1.08
(16,1474)	1:101:A:ILE:HG21	1:115:A:ALA:H	19	1.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1474)	1:101:A:ILE:HG22	1:115:A:ALA:H	19	1.08
(16,1474)	1:101:A:ILE:HG23	1:115:A:ALA:H	19	1.08
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD21	5	1.08
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD22	5	1.08
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD23	5	1.08
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	11	1.08
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	11	1.08
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	11	1.08
(16,1121)	1:146:A:GLN:HA	1:147:A:ARG:HG2	4	1.08
(16,1121)	1:146:A:GLN:HA	1:147:A:ARG:HG3	4	1.08
(16,152)	1:131:A:LEU:H	1:131:A:LEU:HG	7	1.08
(15,2319)	1:107:A:LEU:HB2	1:111:A:GLU:HG2	7	1.08
(15,2319)	1:107:A:LEU:HB2	1:111:A:GLU:HG3	7	1.08
(15,2319)	1:107:A:LEU:HB3	1:111:A:GLU:HG2	7	1.08
(15,2319)	1:107:A:LEU:HB3	1:111:A:GLU:HG3	7	1.08
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	19	1.08
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	19	1.08
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	19	1.08
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	19	1.08
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	19	1.08
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	19	1.08
(15,1926)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	19	1.08
(15,1926)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	19	1.08
(15,1926)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	19	1.08
(15,1926)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	19	1.08
(15,1926)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	19	1.08
(15,1926)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	19	1.08
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	2	1.08
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	2	1.08
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	2	1.08
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	2	1.08
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	2	1.08
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	2	1.08
(15,1754)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	17	1.08
(15,1754)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	17	1.08
(15,1754)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	17	1.08
(15,1644)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	11	1.08
(15,1644)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	11	1.08
(15,1644)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	11	1.08
(15,1467)	1:101:A:ILE:HG21	1:115:A:ALA:H	19	1.08
(15,1467)	1:101:A:ILE:HG22	1:115:A:ALA:H	19	1.08
(15,1467)	1:101:A:ILE:HG23	1:115:A:ALA:H	19	1.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1453)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	15	1.08
(15,1453)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	15	1.08
(15,1453)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	15	1.08
(15,1453)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	15	1.08
(15,1453)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	15	1.08
(15,1453)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	15	1.08
(15,1453)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	15	1.08
(15,1453)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	15	1.08
(15,1453)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	15	1.08
(15,1153)	1:13:A:ALA:HB1	1:80:A:TYR:HA	12	1.08
(15,1153)	1:13:A:ALA:HB2	1:80:A:TYR:HA	12	1.08
(15,1153)	1:13:A:ALA:HB3	1:80:A:TYR:HA	12	1.08
(15,842)	1:45:A:ALA:H	1:48:A:ARG:HD2	2	1.08
(15,842)	1:45:A:ALA:H	1:48:A:ARG:HD3	2	1.08
(15,817)	1:98:A:ILE:HD11	1:104:A:PHE:HB2	8	1.08
(15,817)	1:98:A:ILE:HD12	1:104:A:PHE:HB2	8	1.08
(15,817)	1:98:A:ILE:HD13	1:104:A:PHE:HB2	8	1.08
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE21	9	1.08
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE22	9	1.08
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE21	9	1.08
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE22	9	1.08
(13,1907)	1:10:A:ASN:HD21	1:80:A:TYR:H	5	1.08
(13,1907)	1:10:A:ASN:HD22	1:80:A:TYR:H	5	1.08
(13,1825)	1:9:A:PHE:HE1	1:14:A:VAL:HB	9	1.08
(13,1825)	1:9:A:PHE:HE2	1:14:A:VAL:HB	9	1.08
(13,1734)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	17	1.08
(13,1734)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	17	1.08
(13,1734)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	17	1.08
(13,1131)	1:13:A:ALA:HB1	1:80:A:TYR:HA	12	1.08
(13,1131)	1:13:A:ALA:HB2	1:80:A:TYR:HA	12	1.08
(13,1131)	1:13:A:ALA:HB3	1:80:A:TYR:HA	12	1.08
(13,813)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	5	1.08
(13,813)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	5	1.08
(13,813)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	5	1.08
(13,813)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	5	1.08
(13,785)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	12	1.08
(13,785)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	12	1.08
(13,785)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	12	1.08
(13,468)	1:14:A:VAL:H	1:61:A:SER:HA	12	1.08
(11,2217)	1:60:A:LEU:HG	1:61:A:SER:HB2	3	1.08
(11,2217)	1:60:A:LEU:HG	1:61:A:SER:HB3	3	1.08
(11,1912)	1:18:A:PHE:HE1	1:131:A:LEU:H	17	1.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1912)	1:18:A:PHE:HE2	1:131:A:LEU:H	17	1.08
(11,1239)	1:34:A:LYS:H	1:81:A:GLU:HA	7	1.08
(11,1143)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	10	1.08
(11,1143)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	10	1.08
(11,1143)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	10	1.08
(11,839)	1:45:A:ALA:H	1:48:A:ARG:HD2	2	1.08
(11,839)	1:45:A:ALA:H	1:48:A:ARG:HD3	2	1.08
(11,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	5	1.08
(11,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	5	1.08
(11,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	5	1.08
(11,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	5	1.08
(11,788)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	11	1.08
(11,788)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	11	1.08
(11,788)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	11	1.08
(11,788)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	11	1.08
(11,788)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	11	1.08
(11,788)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	11	1.08
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	5	1.08
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	5	1.08
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	5	1.08
(9,2110)	1:40:A:LEU:HD11	1:41:A:LYS:HA	15	1.08
(9,2110)	1:40:A:LEU:HD12	1:41:A:LYS:HA	15	1.08
(9,2110)	1:40:A:LEU:HD13	1:41:A:LYS:HA	15	1.08
(9,2110)	1:40:A:LEU:HD21	1:41:A:LYS:HA	15	1.08
(9,2110)	1:40:A:LEU:HD22	1:41:A:LYS:HA	15	1.08
(9,2110)	1:40:A:LEU:HD23	1:41:A:LYS:HA	15	1.08
(9,2005)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	18	1.08
(9,2005)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	18	1.08
(9,2005)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	18	1.08
(9,2005)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	18	1.08
(9,2005)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	18	1.08
(9,2005)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	18	1.08
(9,2005)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	18	1.08
(9,2005)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	18	1.08
(9,2005)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	18	1.08
(9,2005)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	18	1.08
(9,2005)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	18	1.08
(9,2005)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	18	1.08
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	15	1.08
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	15	1.08
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	15	1.08
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	15	1.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	15	1.08
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	15	1.08
(9,1892)	1:18:A:PHE:HE1	1:131:A:LEU:H	17	1.08
(9,1892)	1:18:A:PHE:HE2	1:131:A:LEU:H	17	1.08
(9,1692)	1:43:A:MET:HE1	1:131:A:LEU:HA	12	1.08
(9,1692)	1:43:A:MET:HE2	1:131:A:LEU:HA	12	1.08
(9,1692)	1:43:A:MET:HE3	1:131:A:LEU:HA	12	1.08
(9,1469)	1:101:A:ILE:HG21	1:115:A:ALA:H	19	1.08
(9,1469)	1:101:A:ILE:HG22	1:115:A:ALA:H	19	1.08
(9,1469)	1:101:A:ILE:HG23	1:115:A:ALA:H	19	1.08
(9,985)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	3	1.08
(9,985)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	3	1.08
(9,910)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	16	1.08
(9,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	5	1.08
(9,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	5	1.08
(9,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	5	1.08
(9,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	5	1.08
(9,743)	1:105:A:LYS:HG2	1:112:A:GLN:HE21	8	1.08
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	5	1.08
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	5	1.08
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	5	1.08
(7,2194)	1:63:A:ILE:HG12	1:113:A:PHE:HE1	7	1.08
(7,2194)	1:63:A:ILE:HG12	1:113:A:PHE:HE2	7	1.08
(7,2194)	1:63:A:ILE:HG13	1:113:A:PHE:HE1	7	1.08
(7,2194)	1:63:A:ILE:HG13	1:113:A:PHE:HE2	7	1.08
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD11	6	1.08
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD12	6	1.08
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD13	6	1.08
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD21	6	1.08
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD22	6	1.08
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD23	6	1.08
(7,1910)	1:10:A:ASN:HD21	1:80:A:TYR:H	5	1.08
(7,1910)	1:10:A:ASN:HD22	1:80:A:TYR:H	5	1.08
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	5	1.08
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	5	1.08
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	5	1.08
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	5	1.08
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	16	1.08
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	16	1.08
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	16	1.08
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	16	1.08
(7,1831)	1:18:A:PHE:HD1	1:113:A:PHE:HE1	19	1.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1831)	1:18:A:PHE:HD1	1:113:A:PHE:HE2	19	1.08
(7,1831)	1:18:A:PHE:HD2	1:113:A:PHE:HE1	19	1.08
(7,1831)	1:18:A:PHE:HD2	1:113:A:PHE:HE2	19	1.08
(7,1730)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	17	1.08
(7,1730)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	17	1.08
(7,1730)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	17	1.08
(7,1706)	1:31:A:PRO:HB2	1:35:A:LEU:HA	15	1.08
(7,1706)	1:31:A:PRO:HB3	1:35:A:LEU:HA	15	1.08
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	1	1.08
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	1	1.08
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	1	1.08
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	2	1.08
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	2	1.08
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	2	1.08
(7,1453)	1:101:A:ILE:HG21	1:115:A:ALA:H	19	1.08
(7,1453)	1:101:A:ILE:HG22	1:115:A:ALA:H	19	1.08
(7,1453)	1:101:A:ILE:HG23	1:115:A:ALA:H	19	1.08
(7,1047)	1:54:A:ARG:HA	1:58:A:ILE:HG13	10	1.08
(7,1047)	1:54:A:ARG:HA	1:58:A:ILE:HG13	12	1.08
(7,960)	1:15:A:ALA:HB1	1:134:A:VAL:HB	5	1.08
(7,960)	1:15:A:ALA:HB2	1:134:A:VAL:HB	5	1.08
(7,960)	1:15:A:ALA:HB3	1:134:A:VAL:HB	5	1.08
(7,629)	1:9:A:PHE:HZ	1:58:A:ILE:H	7	1.08
(7,150)	1:131:A:LEU:H	1:131:A:LEU:HG	7	1.08
(6,2209)	1:60:A:LEU:HG	1:61:A:SER:HB2	3	1.08
(6,2209)	1:60:A:LEU:HG	1:61:A:SER:HB3	3	1.08
(6,1955)	1:10:A:ASN:HD21	1:80:A:TYR:H	5	1.08
(6,1955)	1:10:A:ASN:HD22	1:80:A:TYR:H	5	1.08
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	2	1.08
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	2	1.08
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	2	1.08
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	2	1.08
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	2	1.08
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	2	1.08
(6,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	7	1.08
(6,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	7	1.08
(6,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	7	1.08
(6,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	7	1.08
(6,1119)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	10	1.08
(6,1119)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	10	1.08
(6,1119)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	10	1.08
(6,963)	1:15:A:ALA:HB1	1:134:A:VAL:HB	5	1.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,963)	1:15:A:ALA:HB2	1:134:A:VAL:HB	5	1.08
(6,963)	1:15:A:ALA:HB3	1:134:A:VAL:HB	5	1.08
(6,701)	1:23:A:LEU:HB2	1:27:A:ARG:HE	11	1.08
(6,701)	1:23:A:LEU:HB3	1:27:A:ARG:HE	11	1.08
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD21	5	1.08
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD22	5	1.08
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD23	5	1.08
(6,38)	1:98:A:ILE:H	1:105:A:LYS:HA	13	1.08
(5,2127)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	8	1.08
(5,2127)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	8	1.08
(5,2127)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	8	1.08
(5,2127)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	8	1.08
(5,2127)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	8	1.08
(5,2127)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	8	1.08
(5,2122)	1:40:A:LEU:HD11	1:41:A:LYS:HA	17	1.08
(5,2122)	1:40:A:LEU:HD12	1:41:A:LYS:HA	17	1.08
(5,2122)	1:40:A:LEU:HD13	1:41:A:LYS:HA	17	1.08
(5,2122)	1:40:A:LEU:HD21	1:41:A:LYS:HA	17	1.08
(5,2122)	1:40:A:LEU:HD22	1:41:A:LYS:HA	17	1.08
(5,2122)	1:40:A:LEU:HD23	1:41:A:LYS:HA	17	1.08
(5,2044)	1:31:A:PRO:HB2	1:144:A:LEU:HB2	14	1.08
(5,2044)	1:31:A:PRO:HB2	1:144:A:LEU:HB3	14	1.08
(5,2044)	1:31:A:PRO:HB3	1:144:A:LEU:HB2	14	1.08
(5,2044)	1:31:A:PRO:HB3	1:144:A:LEU:HB3	14	1.08
(5,1985)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	4	1.08
(5,1985)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	4	1.08
(5,1985)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	4	1.08
(5,1985)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	4	1.08
(5,1985)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	4	1.08
(5,1985)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	4	1.08
(5,1752)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	2	1.08
(5,1752)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	2	1.08
(5,1752)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	2	1.08
(5,1752)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	16	1.08
(5,1752)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	16	1.08
(5,1752)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	16	1.08
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG11	4	1.08
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG12	4	1.08
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG13	4	1.08
(5,1349)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	19	1.08
(5,1349)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	19	1.08
(5,1349)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	19	1.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1349)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	19	1.08
(5,1349)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	19	1.08
(5,1349)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	19	1.08
(5,1349)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	19	1.08
(5,1349)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	19	1.08
(5,1349)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	19	1.08
(5,960)	1:11:A:ILE:HG12	1:43:A:MET:HB2	1	1.08
(5,960)	1:11:A:ILE:HG12	1:43:A:MET:HB2	2	1.08
(5,839)	1:45:A:ALA:H	1:48:A:ARG:HD2	2	1.08
(5,839)	1:45:A:ALA:H	1:48:A:ARG:HD3	2	1.08
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	2	1.08
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	2	1.08
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	2	1.08
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	2	1.08
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	2	1.08
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	2	1.08
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD21	1	1.08
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD22	1	1.08
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD23	1	1.08
(4,1926)	1:10:A:ASN:HD21	1:80:A:TYR:H	5	1.08
(4,1926)	1:10:A:ASN:HD22	1:80:A:TYR:H	5	1.08
(4,1887)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	17	1.08
(4,1887)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	17	1.08
(4,1887)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	17	1.08
(4,1887)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	17	1.08
(4,1887)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	17	1.08
(4,1887)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	17	1.08
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	2	1.08
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	2	1.08
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	2	1.08
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	2	1.08
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	2	1.08
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	2	1.08
(4,1721)	1:31:A:PRO:HB2	1:35:A:LEU:HA	15	1.08
(4,1721)	1:31:A:PRO:HB3	1:35:A:LEU:HA	15	1.08
(4,1457)	1:101:A:ILE:HG21	1:115:A:ALA:H	19	1.08
(4,1457)	1:101:A:ILE:HG22	1:115:A:ALA:H	19	1.08
(4,1457)	1:101:A:ILE:HG23	1:115:A:ALA:H	19	1.08
(4,1115)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	10	1.08
(4,1115)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	10	1.08
(4,1115)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	10	1.08
(4,965)	1:15:A:ALA:HB1	1:134:A:VAL:HB	5	1.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,965)	1:15:A:ALA:HB2	1:134:A:VAL:HB	5	1.08
(4,965)	1:15:A:ALA:HB3	1:134:A:VAL:HB	5	1.08
(4,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	5	1.08
(4,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	5	1.08
(4,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	5	1.08
(4,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	5	1.08
(4,147)	1:131:A:LEU:H	1:131:A:LEU:HG	7	1.08
(3,2086)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	3	1.08
(3,2086)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	3	1.08
(3,2086)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	3	1.08
(3,2086)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	3	1.08
(3,1971)	1:10:A:ASN:HD21	1:80:A:TYR:H	5	1.08
(3,1971)	1:10:A:ASN:HD22	1:80:A:TYR:H	5	1.08
(3,1921)	1:18:A:PHE:HE1	1:131:A:LEU:H	17	1.08
(3,1921)	1:18:A:PHE:HE2	1:131:A:LEU:H	17	1.08
(3,1502)	1:101:A:ILE:HG21	1:115:A:ALA:H	19	1.08
(3,1502)	1:101:A:ILE:HG22	1:115:A:ALA:H	19	1.08
(3,1502)	1:101:A:ILE:HG23	1:115:A:ALA:H	19	1.08
(3,1407)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	12	1.08
(3,1407)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	12	1.08
(3,1407)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	12	1.08
(3,1196)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	11	1.08
(3,1196)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	11	1.08
(3,1196)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	11	1.08
(3,834)	1:98:A:ILE:HD11	1:119:A:LEU:HG	15	1.08
(3,834)	1:98:A:ILE:HD12	1:119:A:LEU:HG	15	1.08
(3,834)	1:98:A:ILE:HD13	1:119:A:LEU:HG	15	1.08
(3,807)	1:11:A:ILE:HD11	1:43:A:MET:HG3	16	1.08
(3,807)	1:11:A:ILE:HD12	1:43:A:MET:HG3	16	1.08
(3,807)	1:11:A:ILE:HD13	1:43:A:MET:HG3	16	1.08
(3,714)	1:23:A:LEU:HB2	1:27:A:ARG:HE	3	1.08
(3,714)	1:23:A:LEU:HB3	1:27:A:ARG:HE	3	1.08
(3,638)	1:9:A:PHE:HZ	1:58:A:ILE:H	7	1.08
(3,149)	1:131:A:LEU:H	1:131:A:LEU:HG	7	1.08
(2,2195)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	12	1.08
(2,2195)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	12	1.08
(2,2195)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	12	1.08
(2,2195)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	12	1.08
(2,2195)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	12	1.08
(2,2195)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	12	1.08
(2,2195)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	12	1.08
(2,2195)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	12	1.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2195)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	12	1.08
(2,2195)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	12	1.08
(2,2195)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	12	1.08
(2,2195)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	12	1.08
(2,2195)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	12	1.08
(2,2195)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	12	1.08
(2,2195)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	12	1.08
(2,2195)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	12	1.08
(2,2195)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	12	1.08
(2,2195)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	12	1.08
(2,2171)	1:44:A:GLU:HG2	1:45:A:ALA:HA	10	1.08
(2,2171)	1:44:A:GLU:HG3	1:45:A:ALA:HA	10	1.08
(2,1995)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	19	1.08
(2,1995)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	19	1.08
(2,1995)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	19	1.08
(2,1995)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	19	1.08
(2,1995)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	19	1.08
(2,1995)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	19	1.08
(2,1995)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	19	1.08
(2,1995)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	19	1.08
(2,1995)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	19	1.08
(2,1995)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	19	1.08
(2,1995)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	19	1.08
(2,1995)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	19	1.08
(2,1922)	1:18:A:PHE:HE1	1:57:A:LEU:HG	19	1.08
(2,1922)	1:18:A:PHE:HE2	1:57:A:LEU:HG	19	1.08
(2,1919)	1:18:A:PHE:HE1	1:131:A:LEU:H	17	1.08
(2,1919)	1:18:A:PHE:HE2	1:131:A:LEU:H	17	1.08
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB2	8	1.08
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB3	8	1.08
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB2	8	1.08
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB3	8	1.08
(2,1787)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	17	1.08
(2,1787)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	17	1.08
(2,1787)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	17	1.08
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE1	14	1.08
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE2	14	1.08
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE3	14	1.08
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE1	19	1.08
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE2	19	1.08
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE3	19	1.08
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG11	4	1.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG12	4	1.08
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG13	4	1.08
(2,1640)	1:10:A:ASN:HB3	1:61:A:SER:HA	18	1.08
(2,1482)	1:101:A:ILE:HG21	1:115:A:ALA:H	19	1.08
(2,1482)	1:101:A:ILE:HG22	1:115:A:ALA:H	19	1.08
(2,1482)	1:101:A:ILE:HG23	1:115:A:ALA:H	19	1.08
(2,1145)	1:13:A:ALA:HB1	1:80:A:TYR:HA	12	1.08
(2,1145)	1:13:A:ALA:HB2	1:80:A:TYR:HA	12	1.08
(2,1145)	1:13:A:ALA:HB3	1:80:A:TYR:HA	12	1.08
(2,1123)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	10	1.08
(2,1123)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	10	1.08
(2,1123)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	10	1.08
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD21	5	1.08
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD22	5	1.08
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD23	5	1.08
(1,1861)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	2	1.08
(1,1861)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	2	1.08
(1,1861)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	2	1.08
(1,1861)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	2	1.08
(1,1800)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	19	1.08
(1,1800)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	19	1.08
(1,1800)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	19	1.08
(1,1800)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	19	1.08
(1,1800)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	19	1.08
(1,1800)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	19	1.08
(1,1800)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	19	1.08
(1,1800)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	19	1.08
(1,1800)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	19	1.08
(1,1800)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	19	1.08
(1,1800)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	19	1.08
(1,1800)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	19	1.08
(1,1795)	1:13:A:ALA:H	1:80:A:TYR:HD1	19	1.08
(1,1795)	1:13:A:ALA:H	1:80:A:TYR:HD2	19	1.08
(1,1484)	1:101:A:ILE:HG21	1:115:A:ALA:H	19	1.08
(1,1484)	1:101:A:ILE:HG22	1:115:A:ALA:H	19	1.08
(1,1484)	1:101:A:ILE:HG23	1:115:A:ALA:H	19	1.08
(1,472)	1:12:A:VAL:HG11	1:14:A:VAL:H	3	1.08
(1,472)	1:12:A:VAL:HG12	1:14:A:VAL:H	3	1.08
(1,472)	1:12:A:VAL:HG13	1:14:A:VAL:H	3	1.08
(1,160)	1:131:A:LEU:H	1:131:A:LEU:HG	7	1.08
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE1	10	1.07
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE2	10	1.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE3	10	1.07
(34,1294)	1:11:A:ILE:HG21	1:15:A:ALA:HA	15	1.07
(34,1294)	1:11:A:ILE:HG22	1:15:A:ALA:HA	15	1.07
(34,1294)	1:11:A:ILE:HG23	1:15:A:ALA:HA	15	1.07
(34,804)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	13	1.07
(34,804)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	13	1.07
(34,804)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	13	1.07
(34,804)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	13	1.07
(34,804)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	13	1.07
(34,804)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	13	1.07
(34,381)	1:41:A:LYS:H	1:44:A:GLU:HG2	9	1.07
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	3	1.07
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	3	1.07
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	3	1.07
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	3	1.07
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	3	1.07
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	3	1.07
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	3	1.07
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	3	1.07
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	3	1.07
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	3	1.07
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	3	1.07
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	3	1.07
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	3	1.07
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	3	1.07
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	3	1.07
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	3	1.07
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	3	1.07
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	3	1.07
(33,1910)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	17	1.07
(33,1910)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	17	1.07
(33,1910)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	17	1.07
(33,1910)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	17	1.07
(33,1910)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	17	1.07
(33,1910)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	17	1.07
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	3	1.07
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	3	1.07
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	3	1.07
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	3	1.07
(33,1863)	1:9:A:PHE:HE1	1:14:A:VAL:HB	4	1.07
(33,1863)	1:9:A:PHE:HE2	1:14:A:VAL:HB	4	1.07
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	3	1.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	3	1.07
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	3	1.07
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	3	1.07
(33,1817)	1:9:A:PHE:HZ	1:54:A:ARG:HE	19	1.07
(33,1692)	1:43:A:MET:HE1	1:137:A:SER:H	17	1.07
(33,1692)	1:43:A:MET:HE2	1:137:A:SER:H	17	1.07
(33,1692)	1:43:A:MET:HE3	1:137:A:SER:H	17	1.07
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD11	2	1.07
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD12	2	1.07
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD13	2	1.07
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE1	8	1.07
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE2	8	1.07
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE3	8	1.07
(33,742)	1:105:A:LYS:HG3	1:112:A:GLN:HE22	7	1.07
(32,2134)	1:43:A:MET:HE1	1:46:A:ASN:HB2	10	1.07
(32,2134)	1:43:A:MET:HE1	1:46:A:ASN:HB3	10	1.07
(32,2134)	1:43:A:MET:HE2	1:46:A:ASN:HB2	10	1.07
(32,2134)	1:43:A:MET:HE2	1:46:A:ASN:HB3	10	1.07
(32,2134)	1:43:A:MET:HE3	1:46:A:ASN:HB2	10	1.07
(32,2134)	1:43:A:MET:HE3	1:46:A:ASN:HB3	10	1.07
(32,2038)	1:31:A:PRO:HD2	1:35:A:LEU:HG	8	1.07
(32,2038)	1:31:A:PRO:HD3	1:35:A:LEU:HG	8	1.07
(32,1817)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	12	1.07
(32,1817)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	12	1.07
(32,1817)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	12	1.07
(32,1817)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	12	1.07
(32,1695)	1:31:A:PRO:HB2	1:35:A:LEU:HA	5	1.07
(32,1695)	1:31:A:PRO:HB3	1:35:A:LEU:HA	5	1.07
(32,1653)	1:43:A:MET:HE1	1:131:A:LEU:HA	10	1.07
(32,1653)	1:43:A:MET:HE2	1:131:A:LEU:HA	10	1.07
(32,1653)	1:43:A:MET:HE3	1:131:A:LEU:HA	10	1.07
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD11	2	1.07
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD12	2	1.07
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD13	2	1.07
(32,823)	1:43:A:MET:HE1	1:131:A:LEU:HB3	5	1.07
(32,823)	1:43:A:MET:HE2	1:131:A:LEU:HB3	5	1.07
(32,823)	1:43:A:MET:HE3	1:131:A:LEU:HB3	5	1.07
(30,1820)	1:9:A:PHE:HZ	1:54:A:ARG:HE	19	1.07
(30,1657)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	1	1.07
(30,1657)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	1	1.07
(30,1657)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	1	1.07
(30,1087)	1:136:A:CYS:HB3	1:141:A:LYS:HA	13	1.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,677)	1:18:A:PHE:HB3	1:132:A:ALA:H	2	1.07
(29,2286)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	11	1.07
(29,2286)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	11	1.07
(29,2286)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	11	1.07
(29,2286)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	11	1.07
(29,2286)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	11	1.07
(29,2286)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	11	1.07
(29,2286)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	11	1.07
(29,2286)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	11	1.07
(29,2286)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	11	1.07
(29,2286)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	11	1.07
(29,2286)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	11	1.07
(29,2286)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	11	1.07
(29,2077)	1:32:A:GLY:HA2	1:34:A:LYS:H	6	1.07
(29,2077)	1:32:A:GLY:HA3	1:34:A:LYS:H	6	1.07
(29,1884)	1:9:A:PHE:HE1	1:58:A:ILE:HG12	18	1.07
(29,1884)	1:9:A:PHE:HE2	1:58:A:ILE:HG12	18	1.07
(29,1467)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	15	1.07
(29,1467)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	15	1.07
(29,1467)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	15	1.07
(29,1467)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	15	1.07
(29,1467)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	15	1.07
(29,1467)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	15	1.07
(29,1467)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	15	1.07
(29,1467)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	15	1.07
(29,1467)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	15	1.07
(29,1040)	1:8:A:ASP:H	1:58:A:ILE:HG12	17	1.07
(29,977)	1:141:A:LYS:HB2	1:149:A:ALA:HA	2	1.07
(29,977)	1:141:A:LYS:HB3	1:149:A:ALA:HA	2	1.07
(29,847)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	11	1.07
(29,847)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	11	1.07
(29,847)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	11	1.07
(29,847)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	11	1.07
(29,847)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	11	1.07
(29,847)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	11	1.07
(29,706)	1:46:A:ASN:HB3	1:134:A:VAL:H	19	1.07
(20,5)	1:52:A:CYS:SG	1:127:A:CYS:SG	2	1.07
(20,2)	1:123:A:CYS:SG	1:127:A:CYS:SG	9	1.07
(18,2227)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	12	1.07
(18,2227)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	12	1.07
(18,2227)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	12	1.07
(18,2227)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	12	1.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2227)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	12	1.07
(18,2227)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	12	1.07
(18,2227)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	12	1.07
(18,2227)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	12	1.07
(18,2227)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	12	1.07
(18,2227)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	12	1.07
(18,2227)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	12	1.07
(18,2227)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	12	1.07
(18,2227)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	12	1.07
(18,2227)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	12	1.07
(18,2227)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	12	1.07
(18,2227)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	12	1.07
(18,2227)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	12	1.07
(18,2227)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	12	1.07
(18,2227)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	12	1.07
(18,2227)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	12	1.07
(18,2227)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	12	1.07
(18,2227)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	12	1.07
(18,2227)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	12	1.07
(18,2227)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	12	1.07
(18,2227)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	12	1.07
(18,2227)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	12	1.07
(18,2227)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	12	1.07
(18,2227)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	12	1.07
(18,2227)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	12	1.07
(18,2227)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	12	1.07
(18,2227)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	12	1.07
(18,2227)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	12	1.07
(18,2227)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	12	1.07
(18,2227)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	12	1.07
(18,2227)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	12	1.07
(18,2227)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	12	1.07
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD11	1	1.07
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD12	1	1.07
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD13	1	1.07
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD21	1	1.07
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD22	1	1.07
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD23	1	1.07
(18,1731)	1:112:A:GLN:HG2	1:113:A:PHE:HA	7	1.07
(18,1731)	1:112:A:GLN:HG3	1:113:A:PHE:HA	7	1.07
(18,1643)	1:69:A:MET:HE1	1:116:A:GLN:HG3	10	1.07
(18,1643)	1:69:A:MET:HE2	1:116:A:GLN:HG3	10	1.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1643)	1:69:A:MET:HE3	1:116:A:GLN:HG3	10	1.07
(18,1606)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	3	1.07
(18,1606)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	3	1.07
(18,1606)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	3	1.07
(18,1606)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	3	1.07
(18,1606)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	3	1.07
(18,1606)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	3	1.07
(18,1026)	1:79:A:THR:HG21	1:81:A:GLU:HB2	1	1.07
(18,1026)	1:79:A:THR:HG22	1:81:A:GLU:HB2	1	1.07
(18,1026)	1:79:A:THR:HG23	1:81:A:GLU:HB2	1	1.07
(18,1026)	1:79:A:THR:HG21	1:81:A:GLU:HB2	3	1.07
(18,1026)	1:79:A:THR:HG22	1:81:A:GLU:HB2	3	1.07
(18,1026)	1:79:A:THR:HG23	1:81:A:GLU:HB2	3	1.07
(18,849)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	10	1.07
(18,767)	1:147:A:ARG:HA	1:147:A:ARG:HE	18	1.07
(18,107)	1:69:A:MET:H	1:69:A:MET:HE1	9	1.07
(18,107)	1:69:A:MET:H	1:69:A:MET:HE2	9	1.07
(18,107)	1:69:A:MET:H	1:69:A:MET:HE3	9	1.07
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE1	10	1.07
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE2	10	1.07
(17,1595)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	11	1.07
(17,1595)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	11	1.07
(17,1595)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	11	1.07
(17,1595)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	11	1.07
(17,1595)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	11	1.07
(17,1595)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	11	1.07
(17,893)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	19	1.07
(17,893)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	19	1.07
(17,893)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	19	1.07
(17,845)	1:48:A:ARG:HD2	1:49:A:LYS:HA	14	1.07
(17,845)	1:48:A:ARG:HD3	1:49:A:LYS:HA	14	1.07
(16,2069)	1:32:A:GLY:HA2	1:34:A:LYS:H	6	1.07
(16,2069)	1:32:A:GLY:HA3	1:34:A:LYS:H	6	1.07
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD11	2	1.07
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD12	2	1.07
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD13	2	1.07
(16,1533)	1:69:A:MET:HE1	1:76:A:ARG:HB2	11	1.07
(16,1533)	1:69:A:MET:HE2	1:76:A:ARG:HB2	11	1.07
(16,1533)	1:69:A:MET:HE3	1:76:A:ARG:HB2	11	1.07
(16,1332)	1:106:A:ASP:HA	1:112:A:GLN:HE21	15	1.07
(16,1013)	1:35:A:LEU:HG	1:143:A:TRP:HB3	6	1.07
(16,1009)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	13	1.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1009)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	13	1.07
(16,1005)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	19	1.07
(16,1005)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	19	1.07
(16,708)	1:46:A:ASN:HB3	1:134:A:VAL:H	19	1.07
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB2	7	1.07
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB3	7	1.07
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB2	7	1.07
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB3	7	1.07
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB2	7	1.07
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB3	7	1.07
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB2	7	1.07
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB3	7	1.07
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB2	7	1.07
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB3	7	1.07
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB2	7	1.07
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB3	7	1.07
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG2	11	1.07
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG3	11	1.07
(15,1874)	1:18:A:PHE:HE1	1:61:A:SER:H	4	1.07
(15,1874)	1:18:A:PHE:HE2	1:61:A:SER:H	4	1.07
(15,1575)	1:98:A:ILE:HD11	1:115:A:ALA:H	12	1.07
(15,1575)	1:98:A:ILE:HD12	1:115:A:ALA:H	12	1.07
(15,1575)	1:98:A:ILE:HD13	1:115:A:ALA:H	12	1.07
(15,844)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	10	1.07
(15,842)	1:45:A:ALA:H	1:48:A:ARG:HD2	4	1.07
(15,842)	1:45:A:ALA:H	1:48:A:ARG:HD3	4	1.07
(15,817)	1:98:A:ILE:HD11	1:104:A:PHE:HB2	19	1.07
(15,817)	1:98:A:ILE:HD12	1:104:A:PHE:HB2	19	1.07
(15,817)	1:98:A:ILE:HD13	1:104:A:PHE:HB2	19	1.07
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD21	8	1.07
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD22	8	1.07
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD23	8	1.07
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG11	11	1.07
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG12	11	1.07
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG13	11	1.07
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG21	11	1.07
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG22	11	1.07
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG23	11	1.07
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG11	11	1.07
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG12	11	1.07
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG13	11	1.07
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG21	11	1.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG22	11	1.07
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG23	11	1.07
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG11	11	1.07
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG12	11	1.07
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG13	11	1.07
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG21	11	1.07
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG22	11	1.07
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG23	11	1.07
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG11	11	1.07
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG12	11	1.07
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG13	11	1.07
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG21	11	1.07
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG22	11	1.07
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG23	11	1.07
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG11	11	1.07
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG12	11	1.07
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG13	11	1.07
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG21	11	1.07
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG22	11	1.07
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG23	11	1.07
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG11	11	1.07
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG12	11	1.07
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG13	11	1.07
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG21	11	1.07
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG22	11	1.07
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG23	11	1.07
(13,1422)	1:31:A:PRO:HD2	1:144:A:LEU:HB3	12	1.07
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG2	5	1.07
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG3	5	1.07
(11,2460)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	9	1.07
(11,2460)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	9	1.07
(11,2460)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	9	1.07
(11,2460)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	9	1.07
(11,2177)	1:46:A:ASN:HD21	1:131:A:LEU:HA	4	1.07
(11,2177)	1:46:A:ASN:HD22	1:131:A:LEU:HA	4	1.07
(11,2135)	1:39:A:VAL:HG11	1:144:A:LEU:H	19	1.07
(11,2135)	1:39:A:VAL:HG12	1:144:A:LEU:H	19	1.07
(11,2135)	1:39:A:VAL:HG13	1:144:A:LEU:H	19	1.07
(11,2135)	1:39:A:VAL:HG21	1:144:A:LEU:H	19	1.07
(11,2135)	1:39:A:VAL:HG22	1:144:A:LEU:H	19	1.07
(11,2135)	1:39:A:VAL:HG23	1:144:A:LEU:H	19	1.07
(11,2073)	1:32:A:GLY:HA2	1:34:A:LYS:H	6	1.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2073)	1:32:A:GLY:HA3	1:34:A:LYS:H	6	1.07
(11,1411)	1:19:A:ALA:HB1	1:21:A:THR:HG21	16	1.07
(11,1411)	1:19:A:ALA:HB1	1:21:A:THR:HG22	16	1.07
(11,1411)	1:19:A:ALA:HB1	1:21:A:THR:HG23	16	1.07
(11,1411)	1:19:A:ALA:HB2	1:21:A:THR:HG21	16	1.07
(11,1411)	1:19:A:ALA:HB2	1:21:A:THR:HG22	16	1.07
(11,1411)	1:19:A:ALA:HB2	1:21:A:THR:HG23	16	1.07
(11,1411)	1:19:A:ALA:HB3	1:21:A:THR:HG21	16	1.07
(11,1411)	1:19:A:ALA:HB3	1:21:A:THR:HG22	16	1.07
(11,1411)	1:19:A:ALA:HB3	1:21:A:THR:HG23	16	1.07
(11,1347)	1:106:A:ASP:HA	1:112:A:GLN:HE21	15	1.07
(11,1265)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	19	1.07
(11,1265)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	19	1.07
(11,1265)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	19	1.07
(11,1265)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	19	1.07
(11,1265)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	19	1.07
(11,1265)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	19	1.07
(11,839)	1:45:A:ALA:H	1:48:A:ARG:HD2	4	1.07
(11,839)	1:45:A:ALA:H	1:48:A:ARG:HD3	4	1.07
(9,2428)	1:144:A:LEU:HB2	1:148:A:CYS:H	3	1.07
(9,2428)	1:144:A:LEU:HB3	1:148:A:CYS:H	3	1.07
(9,2164)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	12	1.07
(9,2164)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	12	1.07
(9,2164)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	12	1.07
(9,2164)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	12	1.07
(9,2164)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	12	1.07
(9,2164)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	12	1.07
(9,2164)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	12	1.07
(9,2164)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	12	1.07
(9,2164)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	12	1.07
(9,2164)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	12	1.07
(9,2164)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	12	1.07
(9,2164)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	12	1.07
(9,2164)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	12	1.07
(9,2164)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	12	1.07
(9,2164)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	12	1.07
(9,2164)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	12	1.07
(9,2164)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	12	1.07
(9,2164)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	12	1.07
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG11	4	1.07
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG12	4	1.07
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG13	4	1.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG21	4	1.07
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG22	4	1.07
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG23	4	1.07
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG11	4	1.07
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG12	4	1.07
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG13	4	1.07
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG21	4	1.07
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG22	4	1.07
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG23	4	1.07
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG11	4	1.07
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG12	4	1.07
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG13	4	1.07
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG21	4	1.07
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG22	4	1.07
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG23	4	1.07
(9,2059)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	5	1.07
(9,2059)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	5	1.07
(9,2059)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	5	1.07
(9,2059)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	5	1.07
(9,2059)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	5	1.07
(9,2059)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	5	1.07
(9,1961)	1:12:A:VAL:HG11	1:43:A:MET:HB2	18	1.07
(9,1961)	1:12:A:VAL:HG12	1:43:A:MET:HB2	18	1.07
(9,1961)	1:12:A:VAL:HG13	1:43:A:MET:HB2	18	1.07
(9,1961)	1:12:A:VAL:HG21	1:43:A:MET:HB2	18	1.07
(9,1961)	1:12:A:VAL:HG22	1:43:A:MET:HB2	18	1.07
(9,1961)	1:12:A:VAL:HG23	1:43:A:MET:HB2	18	1.07
(9,1961)	1:12:A:VAL:HG11	1:43:A:MET:HB3	18	1.07
(9,1961)	1:12:A:VAL:HG12	1:43:A:MET:HB3	18	1.07
(9,1961)	1:12:A:VAL:HG13	1:43:A:MET:HB3	18	1.07
(9,1961)	1:12:A:VAL:HG21	1:43:A:MET:HB3	18	1.07
(9,1961)	1:12:A:VAL:HG22	1:43:A:MET:HB3	18	1.07
(9,1961)	1:12:A:VAL:HG23	1:43:A:MET:HB3	18	1.07
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE1	10	1.07
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE2	10	1.07
(9,1692)	1:43:A:MET:HE1	1:131:A:LEU:HA	10	1.07
(9,1692)	1:43:A:MET:HE2	1:131:A:LEU:HA	10	1.07
(9,1692)	1:43:A:MET:HE3	1:131:A:LEU:HA	10	1.07
(9,1338)	1:105:A:LYS:HG3	1:106:A:ASP:HA	13	1.07
(9,1326)	1:106:A:ASP:HA	1:112:A:GLN:HE21	15	1.07
(9,674)	1:18:A:PHE:HB3	1:132:A:ALA:H	2	1.07
(9,383)	1:41:A:LYS:H	1:44:A:GLU:HG2	9	1.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2120)	1:43:A:MET:HE1	1:46:A:ASN:HB2	10	1.07
(7,2120)	1:43:A:MET:HE1	1:46:A:ASN:HB3	10	1.07
(7,2120)	1:43:A:MET:HE2	1:46:A:ASN:HB2	10	1.07
(7,2120)	1:43:A:MET:HE2	1:46:A:ASN:HB3	10	1.07
(7,2120)	1:43:A:MET:HE3	1:46:A:ASN:HB2	10	1.07
(7,2120)	1:43:A:MET:HE3	1:46:A:ASN:HB3	10	1.07
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD11	6	1.07
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD12	6	1.07
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD13	6	1.07
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD21	6	1.07
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD22	6	1.07
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD23	6	1.07
(7,2050)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	5	1.07
(7,2050)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	5	1.07
(7,2050)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	5	1.07
(7,2050)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	5	1.07
(7,2050)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	5	1.07
(7,2050)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	5	1.07
(6,2211)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	12	1.07
(6,2211)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	12	1.07
(6,2211)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	12	1.07
(6,2211)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	12	1.07
(6,2211)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	12	1.07
(6,2211)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	12	1.07
(6,2211)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	12	1.07
(6,2211)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	12	1.07
(6,2211)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	12	1.07
(6,2211)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	12	1.07
(6,2211)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	12	1.07
(6,2211)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	12	1.07
(6,2211)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	12	1.07
(6,2211)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	12	1.07
(6,2211)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	12	1.07
(6,2211)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	12	1.07
(6,2211)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	12	1.07
(6,2211)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	12	1.07
(6,1798)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	18	1.07
(6,1798)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	18	1.07
(6,1798)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	18	1.07
(6,1798)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	18	1.07
(6,1698)	1:43:A:MET:HE1	1:137:A:SER:H	17	1.07
(6,1698)	1:43:A:MET:HE2	1:137:A:SER:H	17	1.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1698)	1:43:A:MET:HE3	1:137:A:SER:H	17	1.07
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	17	1.07
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	17	1.07
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	17	1.07
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	17	1.07
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	17	1.07
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	17	1.07
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	17	1.07
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	17	1.07
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	17	1.07
(6,1387)	1:19:A:ALA:HB1	1:21:A:THR:HG21	16	1.07
(6,1387)	1:19:A:ALA:HB1	1:21:A:THR:HG22	16	1.07
(6,1387)	1:19:A:ALA:HB1	1:21:A:THR:HG23	16	1.07
(6,1387)	1:19:A:ALA:HB2	1:21:A:THR:HG21	16	1.07
(6,1387)	1:19:A:ALA:HB2	1:21:A:THR:HG22	16	1.07
(6,1387)	1:19:A:ALA:HB2	1:21:A:THR:HG23	16	1.07
(6,1387)	1:19:A:ALA:HB3	1:21:A:THR:HG21	16	1.07
(6,1387)	1:19:A:ALA:HB3	1:21:A:THR:HG22	16	1.07
(6,1387)	1:19:A:ALA:HB3	1:21:A:THR:HG23	16	1.07
(6,836)	1:43:A:MET:HE1	1:131:A:LEU:HB3	5	1.07
(6,836)	1:43:A:MET:HE2	1:131:A:LEU:HB3	5	1.07
(6,836)	1:43:A:MET:HE3	1:131:A:LEU:HB3	5	1.07
(6,742)	1:147:A:ARG:HA	1:147:A:ARG:HE	18	1.07
(6,673)	1:18:A:PHE:HB3	1:132:A:ALA:H	2	1.07
(5,2237)	1:68:A:LYS:H	1:70:A:LYS:HG2	8	1.07
(5,2237)	1:68:A:LYS:H	1:70:A:LYS:HG3	8	1.07
(5,1850)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	19	1.07
(5,1850)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	19	1.07
(5,1850)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	19	1.07
(5,1850)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	19	1.07
(5,1850)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	19	1.07
(5,1850)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	19	1.07
(5,1846)	1:9:A:PHE:HZ	1:54:A:ARG:HE	19	1.07
(5,1671)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	1	1.07
(5,1671)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	1	1.07
(5,1671)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	1	1.07
(5,1419)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	8	1.07
(5,1419)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	8	1.07
(5,1419)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	8	1.07
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG11	1	1.07
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG12	1	1.07
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG13	1	1.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1137)	1:40:A:LEU:HA	1:44:A:GLU:HG3	1	1.07
(5,1000)	1:95:A:ILE:HG21	1:105:A:LYS:HB2	3	1.07
(5,1000)	1:95:A:ILE:HG21	1:105:A:LYS:HB3	3	1.07
(5,1000)	1:95:A:ILE:HG22	1:105:A:LYS:HB2	3	1.07
(5,1000)	1:95:A:ILE:HG22	1:105:A:LYS:HB3	3	1.07
(5,1000)	1:95:A:ILE:HG23	1:105:A:LYS:HB2	3	1.07
(5,1000)	1:95:A:ILE:HG23	1:105:A:LYS:HB3	3	1.07
(5,839)	1:45:A:ALA:H	1:48:A:ARG:HD2	4	1.07
(5,839)	1:45:A:ALA:H	1:48:A:ARG:HD3	4	1.07
(4,2145)	1:43:A:MET:HE1	1:46:A:ASN:HB2	10	1.07
(4,2145)	1:43:A:MET:HE1	1:46:A:ASN:HB3	10	1.07
(4,2145)	1:43:A:MET:HE2	1:46:A:ASN:HB2	10	1.07
(4,2145)	1:43:A:MET:HE2	1:46:A:ASN:HB3	10	1.07
(4,2145)	1:43:A:MET:HE3	1:46:A:ASN:HB2	10	1.07
(4,2145)	1:43:A:MET:HE3	1:46:A:ASN:HB3	10	1.07
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD11	13	1.07
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD12	13	1.07
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD13	13	1.07
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD21	13	1.07
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD22	13	1.07
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD23	13	1.07
(4,1867)	1:18:A:PHE:HE1	1:61:A:SER:H	4	1.07
(4,1867)	1:18:A:PHE:HE2	1:61:A:SER:H	4	1.07
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE1	7	1.07
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE2	7	1.07
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE3	7	1.07
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE1	7	1.07
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE2	7	1.07
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE3	7	1.07
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE1	7	1.07
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE2	7	1.07
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE3	7	1.07
(4,1223)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	19	1.07
(4,1223)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	19	1.07
(4,1223)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	19	1.07
(4,1223)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	19	1.07
(4,1223)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	19	1.07
(4,1223)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	19	1.07
(4,841)	1:43:A:MET:HE1	1:131:A:LEU:HB3	5	1.07
(4,841)	1:43:A:MET:HE2	1:131:A:LEU:HB3	5	1.07
(4,841)	1:43:A:MET:HE3	1:131:A:LEU:HB3	5	1.07
(4,794)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	12	1.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,794)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	12	1.07
(4,794)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	12	1.07
(4,739)	1:147:A:ARG:HA	1:147:A:ARG:HE	18	1.07
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD11	6	1.07
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD12	6	1.07
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD13	6	1.07
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD21	6	1.07
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD22	6	1.07
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD23	6	1.07
(3,2145)	1:39:A:VAL:HG11	1:144:A:LEU:H	19	1.07
(3,2145)	1:39:A:VAL:HG12	1:144:A:LEU:H	19	1.07
(3,2145)	1:39:A:VAL:HG13	1:144:A:LEU:H	19	1.07
(3,2145)	1:39:A:VAL:HG21	1:144:A:LEU:H	19	1.07
(3,2145)	1:39:A:VAL:HG22	1:144:A:LEU:H	19	1.07
(3,2145)	1:39:A:VAL:HG23	1:144:A:LEU:H	19	1.07
(3,2085)	1:32:A:GLY:HA2	1:34:A:LYS:H	18	1.07
(3,2085)	1:32:A:GLY:HA3	1:34:A:LYS:H	18	1.07
(3,1470)	1:50:A:ALA:HB1	1:126:A:GLY:HA3	13	1.07
(3,1470)	1:50:A:ALA:HB2	1:126:A:GLY:HA3	13	1.07
(3,1470)	1:50:A:ALA:HB3	1:126:A:GLY:HA3	13	1.07
(3,1355)	1:106:A:ASP:HA	1:112:A:GLN:HE21	15	1.07
(3,1290)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	9	1.07
(3,1290)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	9	1.07
(3,1290)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	9	1.07
(3,1290)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	9	1.07
(3,1290)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	9	1.07
(3,1290)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	9	1.07
(3,1253)	1:143:A:TRP:HD1	1:144:A:LEU:HD21	10	1.07
(3,1253)	1:143:A:TRP:HD1	1:144:A:LEU:HD22	10	1.07
(3,1253)	1:143:A:TRP:HD1	1:144:A:LEU:HD23	10	1.07
(3,848)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	1	1.07
(3,848)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	1	1.07
(3,848)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	1	1.07
(3,848)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	1	1.07
(3,848)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	1	1.07
(3,848)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	1	1.07
(3,235)	1:40:A:LEU:HD11	1:44:A:GLU:H	13	1.07
(3,235)	1:40:A:LEU:HD12	1:44:A:GLU:H	13	1.07
(3,235)	1:40:A:LEU:HD13	1:44:A:GLU:H	13	1.07
(2,2264)	1:68:A:LYS:H	1:70:A:LYS:HG2	8	1.07
(2,2264)	1:68:A:LYS:H	1:70:A:LYS:HG3	8	1.07
(2,1932)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	13	1.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1932)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	13	1.07
(2,1932)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	13	1.07
(2,1932)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	13	1.07
(2,1395)	1:19:A:ALA:HB1	1:21:A:THR:HG21	16	1.07
(2,1395)	1:19:A:ALA:HB1	1:21:A:THR:HG22	16	1.07
(2,1395)	1:19:A:ALA:HB1	1:21:A:THR:HG23	16	1.07
(2,1395)	1:19:A:ALA:HB2	1:21:A:THR:HG21	16	1.07
(2,1395)	1:19:A:ALA:HB2	1:21:A:THR:HG22	16	1.07
(2,1395)	1:19:A:ALA:HB2	1:21:A:THR:HG23	16	1.07
(2,1395)	1:19:A:ALA:HB3	1:21:A:THR:HG21	16	1.07
(2,1395)	1:19:A:ALA:HB3	1:21:A:THR:HG22	16	1.07
(2,1395)	1:19:A:ALA:HB3	1:21:A:THR:HG23	16	1.07
(2,1194)	1:140:A:LEU:HA	1:144:A:LEU:HD21	16	1.07
(2,1194)	1:140:A:LEU:HA	1:144:A:LEU:HD22	16	1.07
(2,1194)	1:140:A:LEU:HA	1:144:A:LEU:HD23	16	1.07
(2,956)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	3	1.07
(2,956)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	3	1.07
(1,2071)	1:35:A:LEU:HD11	1:143:A:TRP:HA	3	1.07
(1,2071)	1:35:A:LEU:HD12	1:143:A:TRP:HA	3	1.07
(1,2071)	1:35:A:LEU:HD13	1:143:A:TRP:HA	3	1.07
(1,2071)	1:35:A:LEU:HD21	1:143:A:TRP:HA	3	1.07
(1,2071)	1:35:A:LEU:HD22	1:143:A:TRP:HA	3	1.07
(1,2071)	1:35:A:LEU:HD23	1:143:A:TRP:HA	3	1.07
(1,1595)	1:98:A:ILE:HD11	1:115:A:ALA:H	12	1.07
(1,1595)	1:98:A:ILE:HD12	1:115:A:ALA:H	12	1.07
(1,1595)	1:98:A:ILE:HD13	1:115:A:ALA:H	12	1.07
(1,1369)	1:12:A:VAL:HG21	1:43:A:MET:HG3	13	1.07
(1,1369)	1:12:A:VAL:HG22	1:43:A:MET:HG3	13	1.07
(1,1369)	1:12:A:VAL:HG23	1:43:A:MET:HG3	13	1.07
(1,852)	1:45:A:ALA:HA	1:48:A:ARG:HD2	11	1.07
(1,852)	1:45:A:ALA:HA	1:48:A:ARG:HD3	11	1.07
(1,849)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	11	1.07
(1,849)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	11	1.07
(1,849)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	11	1.07
(1,849)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	11	1.07
(1,849)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	11	1.07
(1,849)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	11	1.07
(34,2054)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	10	1.06
(34,2054)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	10	1.06
(34,2054)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	10	1.06
(34,2054)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	10	1.06
(34,2054)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	10	1.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2054)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	10	1.06
(34,2054)	1:27:A:ARG:HB3	1:30:A:LEU:HD11	10	1.06
(34,2054)	1:27:A:ARG:HB3	1:30:A:LEU:HD12	10	1.06
(34,2054)	1:27:A:ARG:HB3	1:30:A:LEU:HD13	10	1.06
(34,2054)	1:27:A:ARG:HB3	1:30:A:LEU:HD21	10	1.06
(34,2054)	1:27:A:ARG:HB3	1:30:A:LEU:HD22	10	1.06
(34,2054)	1:27:A:ARG:HB3	1:30:A:LEU:HD23	10	1.06
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD2	3	1.06
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD3	3	1.06
(34,824)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	3	1.06
(34,824)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	3	1.06
(34,824)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	3	1.06
(34,505)	1:97:A:ASP:HB2	1:105:A:LYS:H	3	1.06
(34,505)	1:97:A:ASP:HB3	1:105:A:LYS:H	3	1.06
(33,2031)	1:21:A:THR:HB	1:23:A:LEU:HD11	10	1.06
(33,2031)	1:21:A:THR:HB	1:23:A:LEU:HD12	10	1.06
(33,2031)	1:21:A:THR:HB	1:23:A:LEU:HD13	10	1.06
(33,2031)	1:21:A:THR:HB	1:23:A:LEU:HD21	10	1.06
(33,2031)	1:21:A:THR:HB	1:23:A:LEU:HD22	10	1.06
(33,2031)	1:21:A:THR:HB	1:23:A:LEU:HD23	10	1.06
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	8	1.06
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	8	1.06
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	8	1.06
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	8	1.06
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	8	1.06
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	8	1.06
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	19	1.06
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	19	1.06
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	19	1.06
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD21	19	1.06
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD22	19	1.06
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD23	19	1.06
(33,1817)	1:9:A:PHE:HZ	1:54:A:ARG:HE	18	1.06
(33,1692)	1:43:A:MET:HE1	1:137:A:SER:H	2	1.06
(33,1692)	1:43:A:MET:HE2	1:137:A:SER:H	2	1.06
(33,1692)	1:43:A:MET:HE3	1:137:A:SER:H	2	1.06
(33,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD11	5	1.06
(33,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD12	5	1.06
(33,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD13	5	1.06
(33,1157)	1:13:A:ALA:HB1	1:80:A:TYR:HA	19	1.06
(33,1157)	1:13:A:ALA:HB2	1:80:A:TYR:HA	19	1.06
(33,1157)	1:13:A:ALA:HB3	1:80:A:TYR:HA	19	1.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB1	14	1.06
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB2	14	1.06
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB3	14	1.06
(33,822)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	3	1.06
(33,822)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	3	1.06
(33,822)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	3	1.06
(33,799)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	12	1.06
(33,799)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	12	1.06
(33,799)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	12	1.06
(33,799)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	12	1.06
(33,799)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	12	1.06
(33,799)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	12	1.06
(32,2485)	1:144:A:LEU:HB3	1:146:A:GLN:HG2	5	1.06
(32,2485)	1:144:A:LEU:HB3	1:146:A:GLN:HG3	5	1.06
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	4	1.06
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	4	1.06
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	4	1.06
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	4	1.06
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	4	1.06
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	4	1.06
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	4	1.06
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	4	1.06
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	4	1.06
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	4	1.06
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	4	1.06
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	4	1.06
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	7	1.06
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	7	1.06
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	7	1.06
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	7	1.06
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	7	1.06
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	7	1.06
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	7	1.06
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	7	1.06
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	7	1.06
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	7	1.06
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	7	1.06
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	7	1.06
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	8	1.06
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	8	1.06
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	8	1.06
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	8	1.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	8	1.06
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	8	1.06
(30,2276)	1:75:A:GLY:H	1:77:A:CYS:HB2	15	1.06
(30,2276)	1:75:A:GLY:H	1:77:A:CYS:HB3	15	1.06
(30,1820)	1:9:A:PHE:HZ	1:54:A:ARG:HE	18	1.06
(30,1166)	1:140:A:LEU:HD21	1:144:A:LEU:H	9	1.06
(30,1166)	1:140:A:LEU:HD22	1:144:A:LEU:H	9	1.06
(30,1166)	1:140:A:LEU:HD23	1:144:A:LEU:H	9	1.06
(30,918)	1:125:A:THR:HB	1:129:A:LYS:HG2	19	1.06
(30,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	13	1.06
(30,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	13	1.06
(30,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	13	1.06
(30,12)	1:64:A:LYS:H	1:116:A:GLN:HG2	17	1.06
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	3	1.06
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	3	1.06
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	3	1.06
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	3	1.06
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	3	1.06
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	3	1.06
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	8	1.06
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	8	1.06
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	8	1.06
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	8	1.06
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	8	1.06
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	8	1.06
(29,1870)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	4	1.06
(29,1870)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	4	1.06
(29,1870)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	4	1.06
(29,1870)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	4	1.06
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB2	17	1.06
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB3	17	1.06
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB2	17	1.06
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB3	17	1.06
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB2	17	1.06
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB3	17	1.06
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	2	1.06
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	2	1.06
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	2	1.06
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	2	1.06
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	2	1.06
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	2	1.06
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	2	1.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	2	1.06
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	2	1.06
(29,933)	1:125:A:THR:HB	1:129:A:LYS:HG2	19	1.06
(29,928)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	17	1.06
(29,928)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	17	1.06
(29,928)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	17	1.06
(29,373)	1:41:A:LYS:H	1:44:A:GLU:HG2	9	1.06
(19,5)	1:123:A:CYS:SG	1:127:A:CYS:CB	7	1.06
(18,2241)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	17	1.06
(18,2241)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	17	1.06
(18,2241)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	17	1.06
(18,2241)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	17	1.06
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD11	4	1.06
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD12	4	1.06
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD13	4	1.06
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD21	4	1.06
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD22	4	1.06
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD23	4	1.06
(18,1135)	1:40:A:LEU:HA	1:44:A:GLU:HB2	10	1.06
(18,1135)	1:40:A:LEU:HA	1:44:A:GLU:HB3	10	1.06
(18,942)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	1	1.06
(18,942)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	1	1.06
(18,829)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	3	1.06
(18,829)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	3	1.06
(18,829)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	3	1.06
(18,509)	1:97:A:ASP:HB2	1:105:A:LYS:H	3	1.06
(18,509)	1:97:A:ASP:HB3	1:105:A:LYS:H	3	1.06
(18,166)	1:95:A:ILE:H	1:95:A:ILE:HB	10	1.06
(18,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	17	1.06
(17,1725)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	19	1.06
(17,999)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	12	1.06
(17,999)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	12	1.06
(17,951)	1:67:A:PRO:HA	1:70:A:LYS:HG2	14	1.06
(17,929)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	12	1.06
(17,929)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	12	1.06
(17,929)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	12	1.06
(17,929)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	12	1.06
(17,827)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	3	1.06
(17,827)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	3	1.06
(17,827)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	3	1.06
(17,599)	1:55:A:GLY:H	1:122:A:ASP:HB3	9	1.06
(17,488)	1:97:A:ASP:HB2	1:105:A:LYS:H	3	1.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,488)	1:97:A:ASP:HB3	1:105:A:LYS:H	3	1.06
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD11	7	1.06
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD12	7	1.06
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD13	7	1.06
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD21	7	1.06
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD22	7	1.06
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD23	7	1.06
(16,1899)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	16	1.06
(16,1738)	1:39:A:VAL:HA	1:140:A:LEU:HD11	5	1.06
(16,1738)	1:39:A:VAL:HA	1:140:A:LEU:HD12	5	1.06
(16,1738)	1:39:A:VAL:HA	1:140:A:LEU:HD13	5	1.06
(16,1701)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	19	1.06
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD11	3	1.06
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD12	3	1.06
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD13	3	1.06
(16,1563)	1:58:A:ILE:HD11	1:61:A:SER:H	6	1.06
(16,1563)	1:58:A:ILE:HD12	1:61:A:SER:H	6	1.06
(16,1563)	1:58:A:ILE:HD13	1:61:A:SER:H	6	1.06
(16,1563)	1:58:A:ILE:HD11	1:61:A:SER:H	14	1.06
(16,1563)	1:58:A:ILE:HD12	1:61:A:SER:H	14	1.06
(16,1563)	1:58:A:ILE:HD13	1:61:A:SER:H	14	1.06
(16,968)	1:39:A:VAL:HA	1:43:A:MET:HG2	14	1.06
(16,960)	1:67:A:PRO:HA	1:70:A:LYS:HG2	14	1.06
(15,2263)	1:79:A:THR:HG21	1:81:A:GLU:HB2	14	1.06
(15,2263)	1:79:A:THR:HG21	1:81:A:GLU:HB3	14	1.06
(15,2263)	1:79:A:THR:HG22	1:81:A:GLU:HB2	14	1.06
(15,2263)	1:79:A:THR:HG22	1:81:A:GLU:HB3	14	1.06
(15,2263)	1:79:A:THR:HG23	1:81:A:GLU:HB2	14	1.06
(15,2263)	1:79:A:THR:HG23	1:81:A:GLU:HB3	14	1.06
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD11	3	1.06
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD12	3	1.06
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD13	3	1.06
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD21	3	1.06
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD22	3	1.06
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD23	3	1.06
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD11	3	1.06
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD12	3	1.06
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD13	3	1.06
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD21	3	1.06
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD22	3	1.06
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD23	3	1.06
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD11	3	1.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD12	3	1.06
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD13	3	1.06
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD21	3	1.06
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD22	3	1.06
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD23	3	1.06
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	8	1.06
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	8	1.06
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	8	1.06
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	8	1.06
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	8	1.06
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	8	1.06
(15,1962)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	14	1.06
(15,1962)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	14	1.06
(15,1962)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	14	1.06
(15,1962)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	14	1.06
(15,1962)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	14	1.06
(15,1962)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	14	1.06
(15,1840)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	15	1.06
(15,1840)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	15	1.06
(15,1340)	1:105:A:LYS:HG2	1:106:A:ASP:HA	9	1.06
(15,793)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	11	1.06
(15,793)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	11	1.06
(15,793)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	11	1.06
(15,793)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	11	1.06
(15,793)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	11	1.06
(15,793)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	11	1.06
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	13	1.06
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	13	1.06
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	13	1.06
(15,570)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	5	1.06
(15,570)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	5	1.06
(15,570)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	5	1.06
(15,570)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	5	1.06
(15,570)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	5	1.06
(15,570)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	5	1.06
(15,32)	1:96:A:VAL:H	1:97:A:ASP:H	6	1.06
(13,2241)	1:75:A:GLY:H	1:77:A:CYS:HB2	15	1.06
(13,2241)	1:75:A:GLY:H	1:77:A:CYS:HB3	15	1.06
(13,2097)	1:43:A:MET:HE1	1:46:A:ASN:HD21	7	1.06
(13,2097)	1:43:A:MET:HE1	1:46:A:ASN:HD22	7	1.06
(13,2097)	1:43:A:MET:HE2	1:46:A:ASN:HD21	7	1.06
(13,2097)	1:43:A:MET:HE2	1:46:A:ASN:HD22	7	1.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2097)	1:43:A:MET:HE3	1:46:A:ASN:HD21	7	1.06
(13,2097)	1:43:A:MET:HE3	1:46:A:ASN:HD22	7	1.06
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD11	4	1.06
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD12	4	1.06
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD13	4	1.06
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD21	4	1.06
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD22	4	1.06
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD23	4	1.06
(13,1891)	1:9:A:PHE:HE1	1:54:A:ARG:HB2	12	1.06
(13,1891)	1:9:A:PHE:HE1	1:54:A:ARG:HB3	12	1.06
(13,1891)	1:9:A:PHE:HE2	1:54:A:ARG:HB2	12	1.06
(13,1891)	1:9:A:PHE:HE2	1:54:A:ARG:HB3	12	1.06
(11,1996)	1:12:A:VAL:HG11	1:43:A:MET:H	5	1.06
(11,1996)	1:12:A:VAL:HG12	1:43:A:MET:H	5	1.06
(11,1996)	1:12:A:VAL:HG13	1:43:A:MET:H	5	1.06
(11,1996)	1:12:A:VAL:HG21	1:43:A:MET:H	5	1.06
(11,1996)	1:12:A:VAL:HG22	1:43:A:MET:H	5	1.06
(11,1996)	1:12:A:VAL:HG23	1:43:A:MET:H	5	1.06
(11,1942)	1:14:A:VAL:HB	1:18:A:PHE:HZ	16	1.06
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD11	3	1.06
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD12	3	1.06
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD13	3	1.06
(11,1605)	1:58:A:ILE:HD11	1:61:A:SER:H	6	1.06
(11,1605)	1:58:A:ILE:HD12	1:61:A:SER:H	6	1.06
(11,1605)	1:58:A:ILE:HD13	1:61:A:SER:H	6	1.06
(11,1605)	1:58:A:ILE:HD11	1:61:A:SER:H	14	1.06
(11,1605)	1:58:A:ILE:HD12	1:61:A:SER:H	14	1.06
(11,1605)	1:58:A:ILE:HD13	1:61:A:SER:H	14	1.06
(11,1334)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	11	1.06
(11,1334)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	11	1.06
(11,1334)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	11	1.06
(11,1186)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	9	1.06
(11,1186)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	9	1.06
(11,1186)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	9	1.06
(11,923)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	17	1.06
(11,923)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	17	1.06
(11,923)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	17	1.06
(11,815)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	3	1.06
(11,815)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	3	1.06
(11,815)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	3	1.06
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	7	1.06
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	7	1.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	7	1.06
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	7	1.06
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	7	1.06
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	7	1.06
(11,494)	1:97:A:ASP:HB2	1:105:A:LYS:H	3	1.06
(11,494)	1:97:A:ASP:HB3	1:105:A:LYS:H	3	1.06
(11,262)	1:27:A:ARG:HB3	1:29:A:LYS:H	11	1.06
(11,122)	1:78:A:HIS:HA	1:80:A:TYR:H	18	1.06
(9,1740)	1:39:A:VAL:HA	1:140:A:LEU:HD11	5	1.06
(9,1740)	1:39:A:VAL:HA	1:140:A:LEU:HD12	5	1.06
(9,1740)	1:39:A:VAL:HA	1:140:A:LEU:HD13	5	1.06
(9,1732)	1:105:A:LYS:HG2	1:106:A:ASP:HA	9	1.06
(9,918)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	17	1.06
(9,918)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	17	1.06
(9,918)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	17	1.06
(9,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	13	1.06
(9,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	13	1.06
(9,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	13	1.06
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD11	19	1.06
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD12	19	1.06
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD13	19	1.06
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD21	19	1.06
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD22	19	1.06
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD23	19	1.06
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD11	19	1.06
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD12	19	1.06
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD13	19	1.06
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD21	19	1.06
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD22	19	1.06
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD23	19	1.06
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD11	19	1.06
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD12	19	1.06
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD13	19	1.06
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD21	19	1.06
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD22	19	1.06
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD23	19	1.06
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD11	19	1.06
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD12	19	1.06
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD13	19	1.06
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD21	19	1.06
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD22	19	1.06
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD23	19	1.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD11	19	1.06
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD12	19	1.06
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD13	19	1.06
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD21	19	1.06
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD22	19	1.06
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD23	19	1.06
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD11	19	1.06
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD12	19	1.06
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD13	19	1.06
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD21	19	1.06
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD22	19	1.06
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD23	19	1.06
(7,1988)	1:21:A:THR:HB	1:23:A:LEU:HD11	10	1.06
(7,1988)	1:21:A:THR:HB	1:23:A:LEU:HD12	10	1.06
(7,1988)	1:21:A:THR:HB	1:23:A:LEU:HD13	10	1.06
(7,1988)	1:21:A:THR:HB	1:23:A:LEU:HD21	10	1.06
(7,1988)	1:21:A:THR:HB	1:23:A:LEU:HD22	10	1.06
(7,1988)	1:21:A:THR:HB	1:23:A:LEU:HD23	10	1.06
(7,1774)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	14	1.06
(7,1774)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	14	1.06
(7,1774)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	14	1.06
(7,1774)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	14	1.06
(7,1710)	1:39:A:VAL:HA	1:140:A:LEU:HD11	5	1.06
(7,1710)	1:39:A:VAL:HA	1:140:A:LEU:HD12	5	1.06
(7,1710)	1:39:A:VAL:HA	1:140:A:LEU:HD13	5	1.06
(7,1439)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	15	1.06
(7,1439)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	15	1.06
(7,1439)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	15	1.06
(7,1439)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	15	1.06
(7,1439)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	15	1.06
(7,1439)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	15	1.06
(7,1439)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	15	1.06
(7,1439)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	15	1.06
(7,1439)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	15	1.06
(7,809)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	3	1.06
(7,809)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	3	1.06
(7,809)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	3	1.06
(7,496)	1:97:A:ASP:HB2	1:105:A:LYS:H	3	1.06
(7,496)	1:97:A:ASP:HB3	1:105:A:LYS:H	3	1.06
(7,471)	1:12:A:VAL:HG11	1:14:A:VAL:H	3	1.06
(7,471)	1:12:A:VAL:HG12	1:14:A:VAL:H	3	1.06
(7,471)	1:12:A:VAL:HG13	1:14:A:VAL:H	3	1.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,233)	1:44:A:GLU:HG3	1:48:A:ARG:H	17	1.06
(6,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	17	1.06
(6,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	17	1.06
(6,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	17	1.06
(6,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	17	1.06
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	17	1.06
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	17	1.06
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	17	1.06
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	17	1.06
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	17	1.06
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	17	1.06
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	17	1.06
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	17	1.06
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	17	1.06
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	17	1.06
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	17	1.06
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	17	1.06
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	17	1.06
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	17	1.06
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	17	1.06
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	17	1.06
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	17	1.06
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	17	1.06
(6,1698)	1:43:A:MET:HE1	1:137:A:SER:H	2	1.06
(6,1698)	1:43:A:MET:HE2	1:137:A:SER:H	2	1.06
(6,1698)	1:43:A:MET:HE3	1:137:A:SER:H	2	1.06
(6,1505)	1:43:A:MET:HE1	1:46:A:ASN:HB2	16	1.06
(6,1505)	1:43:A:MET:HE2	1:46:A:ASN:HB2	16	1.06
(6,1505)	1:43:A:MET:HE3	1:46:A:ASN:HB2	16	1.06
(6,1336)	1:105:A:LYS:HG2	1:106:A:ASP:HA	9	1.06
(6,1143)	1:13:A:ALA:HB1	1:80:A:TYR:HA	19	1.06
(6,1143)	1:13:A:ALA:HB2	1:80:A:TYR:HA	19	1.06
(6,1143)	1:13:A:ALA:HB3	1:80:A:TYR:HA	19	1.06
(6,812)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	3	1.06
(6,812)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	3	1.06
(6,812)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	3	1.06
(6,557)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	5	1.06
(6,557)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	5	1.06
(6,557)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	5	1.06
(6,557)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	5	1.06
(6,557)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	5	1.06
(6,557)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	5	1.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,491)	1:97:A:ASP:HB2	1:105:A:LYS:H	3	1.06
(6,491)	1:97:A:ASP:HB3	1:105:A:LYS:H	3	1.06
(6,230)	1:44:A:GLU:HG3	1:48:A:ARG:H	17	1.06
(6,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	13	1.06
(6,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	13	1.06
(6,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	13	1.06
(6,38)	1:98:A:ILE:H	1:105:A:LYS:HA	3	1.06
(5,2044)	1:31:A:PRO:HB2	1:144:A:LEU:HB2	8	1.06
(5,2044)	1:31:A:PRO:HB2	1:144:A:LEU:HB3	8	1.06
(5,2044)	1:31:A:PRO:HB3	1:144:A:LEU:HB2	8	1.06
(5,2044)	1:31:A:PRO:HB3	1:144:A:LEU:HB3	8	1.06
(5,1893)	1:9:A:PHE:HE1	1:14:A:VAL:HB	16	1.06
(5,1893)	1:9:A:PHE:HE2	1:14:A:VAL:HB	16	1.06
(5,1846)	1:9:A:PHE:HZ	1:54:A:ARG:HE	18	1.06
(5,1589)	1:58:A:ILE:HD11	1:61:A:SER:H	6	1.06
(5,1589)	1:58:A:ILE:HD12	1:61:A:SER:H	6	1.06
(5,1589)	1:58:A:ILE:HD13	1:61:A:SER:H	6	1.06
(5,1589)	1:58:A:ILE:HD11	1:61:A:SER:H	14	1.06
(5,1589)	1:58:A:ILE:HD12	1:61:A:SER:H	14	1.06
(5,1589)	1:58:A:ILE:HD13	1:61:A:SER:H	14	1.06
(5,994)	1:35:A:LEU:HG	1:143:A:TRP:HB3	6	1.06
(5,917)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	17	1.06
(5,917)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	17	1.06
(5,917)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	17	1.06
(5,399)	1:119:A:LEU:H	1:119:A:LEU:HG	15	1.06
(4,1897)	1:14:A:VAL:HB	1:18:A:PHE:HZ	16	1.06
(4,1839)	1:18:A:PHE:HA	1:113:A:PHE:HE1	1	1.06
(4,1839)	1:18:A:PHE:HA	1:113:A:PHE:HE2	1	1.06
(4,1787)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	14	1.06
(4,1787)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	14	1.06
(4,1787)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	14	1.06
(4,1787)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	14	1.06
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD11	12	1.06
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD12	12	1.06
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD13	12	1.06
(4,1379)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	2	1.06
(4,1379)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	2	1.06
(4,1379)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	2	1.06
(4,1256)	1:15:A:ALA:HA	1:131:A:LEU:HG	18	1.06
(4,1236)	1:23:A:LEU:HD11	1:25:A:ALA:H	8	1.06
(4,1236)	1:23:A:LEU:HD12	1:25:A:ALA:H	8	1.06
(4,1236)	1:23:A:LEU:HD13	1:25:A:ALA:H	8	1.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,813)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	3	1.06
(4,813)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	3	1.06
(4,813)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	3	1.06
(4,225)	1:44:A:GLU:HG3	1:48:A:ARG:H	17	1.06
(4,213)	1:44:A:GLU:HG2	1:48:A:ARG:H	15	1.06
(3,2171)	1:43:A:MET:HE1	1:46:A:ASN:HD21	7	1.06
(3,2171)	1:43:A:MET:HE1	1:46:A:ASN:HD22	7	1.06
(3,2171)	1:43:A:MET:HE2	1:46:A:ASN:HD21	7	1.06
(3,2171)	1:43:A:MET:HE2	1:46:A:ASN:HD22	7	1.06
(3,2171)	1:43:A:MET:HE3	1:46:A:ASN:HD21	7	1.06
(3,2171)	1:43:A:MET:HE3	1:46:A:ASN:HD22	7	1.06
(3,1696)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	10	1.06
(3,1696)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	10	1.06
(3,1689)	1:69:A:MET:HE1	1:116:A:GLN:HG3	12	1.06
(3,1689)	1:69:A:MET:HE2	1:116:A:GLN:HG3	12	1.06
(3,1689)	1:69:A:MET:HE3	1:116:A:GLN:HG3	12	1.06
(3,1228)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	12	1.06
(3,1228)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	12	1.06
(3,1228)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	12	1.06
(3,1228)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	12	1.06
(3,1228)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	12	1.06
(3,1228)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	12	1.06
(3,992)	1:31:A:PRO:HB2	1:143:A:TRP:HA	4	1.06
(3,992)	1:31:A:PRO:HB3	1:143:A:TRP:HA	4	1.06
(3,831)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	3	1.06
(3,831)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	3	1.06
(3,831)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	3	1.06
(3,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	13	1.06
(3,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	13	1.06
(3,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	13	1.06
(2,2195)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	15	1.06
(2,2195)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	15	1.06
(2,2195)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	15	1.06
(2,2195)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	15	1.06
(2,2195)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	15	1.06
(2,2195)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	15	1.06
(2,2195)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	15	1.06
(2,2195)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	15	1.06
(2,2195)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	15	1.06
(2,2195)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	15	1.06
(2,2195)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	15	1.06
(2,2195)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	15	1.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2195)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	15	1.06
(2,2195)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	15	1.06
(2,2195)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	15	1.06
(2,2195)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	15	1.06
(2,2195)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	15	1.06
(2,2195)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	15	1.06
(2,1804)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	16	1.06
(2,1804)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	16	1.06
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	14	1.06
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	14	1.06
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	14	1.06
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	14	1.06
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	14	1.06
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	14	1.06
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	14	1.06
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	14	1.06
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	14	1.06
(2,1256)	1:23:A:LEU:HD11	1:25:A:ALA:H	8	1.06
(2,1256)	1:23:A:LEU:HD12	1:25:A:ALA:H	8	1.06
(2,1256)	1:23:A:LEU:HD13	1:25:A:ALA:H	8	1.06
(2,942)	1:39:A:VAL:HA	1:43:A:MET:HG2	14	1.06
(2,815)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	3	1.06
(2,815)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	3	1.06
(2,815)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	3	1.06
(2,403)	1:119:A:LEU:H	1:119:A:LEU:HG	15	1.06
(2,311)	1:43:A:MET:H	1:140:A:LEU:HD11	9	1.06
(2,311)	1:43:A:MET:H	1:140:A:LEU:HD12	9	1.06
(2,311)	1:43:A:MET:H	1:140:A:LEU:HD13	9	1.06
(1,2018)	1:21:A:THR:HB	1:23:A:LEU:HD11	10	1.06
(1,2018)	1:21:A:THR:HB	1:23:A:LEU:HD12	10	1.06
(1,2018)	1:21:A:THR:HB	1:23:A:LEU:HD13	10	1.06
(1,2018)	1:21:A:THR:HB	1:23:A:LEU:HD21	10	1.06
(1,2018)	1:21:A:THR:HB	1:23:A:LEU:HD22	10	1.06
(1,2018)	1:21:A:THR:HB	1:23:A:LEU:HD23	10	1.06
(1,1970)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	11	1.06
(1,1970)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	11	1.06
(1,1970)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	11	1.06
(1,1970)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	11	1.06
(1,1970)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	11	1.06
(1,1970)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	11	1.06
(1,1970)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	11	1.06
(1,1970)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	11	1.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1970)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	11	1.06
(1,1970)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	11	1.06
(1,1970)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	11	1.06
(1,1970)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	11	1.06
(1,1836)	1:9:A:PHE:HZ	1:57:A:LEU:HA	5	1.06
(1,1794)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	16	1.06
(1,1794)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	16	1.06
(1,972)	1:40:A:LEU:HA	1:43:A:MET:HG2	2	1.06
(1,830)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	3	1.06
(1,830)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	3	1.06
(1,830)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	3	1.06
(1,498)	1:97:A:ASP:HB2	1:105:A:LYS:H	3	1.06
(1,498)	1:97:A:ASP:HB3	1:105:A:LYS:H	3	1.06
(34,1978)	1:12:A:VAL:HG11	1:79:A:THR:HB	16	1.05
(34,1978)	1:12:A:VAL:HG12	1:79:A:THR:HB	16	1.05
(34,1978)	1:12:A:VAL:HG13	1:79:A:THR:HB	16	1.05
(34,1978)	1:12:A:VAL:HG21	1:79:A:THR:HB	16	1.05
(34,1978)	1:12:A:VAL:HG22	1:79:A:THR:HB	16	1.05
(34,1978)	1:12:A:VAL:HG23	1:79:A:THR:HB	16	1.05
(34,1872)	1:9:A:PHE:HE1	1:54:A:ARG:HE	17	1.05
(34,1872)	1:9:A:PHE:HE2	1:54:A:ARG:HE	17	1.05
(34,1640)	1:13:A:ALA:HA	1:80:A:TYR:HB3	1	1.05
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE1	3	1.05
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE2	3	1.05
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE3	3	1.05
(34,1476)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	15	1.05
(34,1476)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	15	1.05
(34,1476)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	15	1.05
(34,1476)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	15	1.05
(34,1476)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	15	1.05
(34,1476)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	15	1.05
(34,1476)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	15	1.05
(34,1476)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	15	1.05
(34,1476)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	15	1.05
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD11	8	1.05
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD12	8	1.05
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD13	8	1.05
(34,156)	1:67:A:PRO:HD3	1:95:A:ILE:H	11	1.05
(33,2496)	1:144:A:LEU:HD11	1:147:A:ARG:H	17	1.05
(33,2496)	1:144:A:LEU:HD12	1:147:A:ARG:H	17	1.05
(33,2496)	1:144:A:LEU:HD13	1:147:A:ARG:H	17	1.05
(33,2496)	1:144:A:LEU:HD21	1:147:A:ARG:H	17	1.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2496)	1:144:A:LEU:HD22	1:147:A:ARG:H	17	1.05
(33,2496)	1:144:A:LEU:HD23	1:147:A:ARG:H	17	1.05
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	9	1.05
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	9	1.05
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	9	1.05
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	9	1.05
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	9	1.05
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	9	1.05
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	9	1.05
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	9	1.05
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	9	1.05
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	9	1.05
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	9	1.05
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	9	1.05
(33,1859)	1:9:A:PHE:HE1	1:54:A:ARG:HE	17	1.05
(33,1859)	1:9:A:PHE:HE2	1:54:A:ARG:HE	17	1.05
(33,1795)	1:9:A:PHE:HD1	1:11:A:ILE:HB	2	1.05
(33,1795)	1:9:A:PHE:HD2	1:11:A:ILE:HB	2	1.05
(33,1756)	1:140:A:LEU:HD11	1:143:A:TRP:H	17	1.05
(33,1756)	1:140:A:LEU:HD12	1:143:A:TRP:H	17	1.05
(33,1756)	1:140:A:LEU:HD13	1:143:A:TRP:H	17	1.05
(33,1729)	1:19:A:ALA:H	1:132:A:ALA:HA	6	1.05
(33,1729)	1:19:A:ALA:H	1:132:A:ALA:HA	11	1.05
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD11	8	1.05
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD12	8	1.05
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD13	8	1.05
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB1	18	1.05
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB2	18	1.05
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB3	18	1.05
(33,975)	1:11:A:ILE:HG12	1:14:A:VAL:HB	9	1.05
(33,975)	1:11:A:ILE:HG12	1:14:A:VAL:HB	19	1.05
(33,823)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	14	1.05
(33,823)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	14	1.05
(33,823)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	14	1.05
(33,823)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	14	1.05
(33,823)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	14	1.05
(33,823)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	14	1.05
(33,718)	1:44:A:GLU:HB2	1:54:A:ARG:HE	12	1.05
(33,718)	1:44:A:GLU:HB3	1:54:A:ARG:HE	12	1.05
(33,295)	1:140:A:LEU:H	1:140:A:LEU:HD21	17	1.05
(33,295)	1:140:A:LEU:H	1:140:A:LEU:HD22	17	1.05
(33,295)	1:140:A:LEU:H	1:140:A:LEU:HD23	17	1.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG2	7	1.05
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	7	1.05
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG2	7	1.05
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	7	1.05
(32,2115)	1:41:A:LYS:H	1:44:A:GLU:HG2	11	1.05
(32,2115)	1:41:A:LYS:H	1:44:A:GLU:HG3	11	1.05
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE1	1	1.05
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE2	1	1.05
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE1	1	1.05
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE2	1	1.05
(32,1938)	1:12:A:VAL:HG11	1:43:A:MET:HB2	10	1.05
(32,1938)	1:12:A:VAL:HG12	1:43:A:MET:HB2	10	1.05
(32,1938)	1:12:A:VAL:HG13	1:43:A:MET:HB2	10	1.05
(32,1938)	1:12:A:VAL:HG21	1:43:A:MET:HB2	10	1.05
(32,1938)	1:12:A:VAL:HG22	1:43:A:MET:HB2	10	1.05
(32,1938)	1:12:A:VAL:HG23	1:43:A:MET:HB2	10	1.05
(32,1750)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	16	1.05
(32,1750)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	16	1.05
(32,1750)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	16	1.05
(32,1750)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	16	1.05
(32,800)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	14	1.05
(32,800)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	14	1.05
(32,800)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	14	1.05
(32,800)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	14	1.05
(32,800)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	14	1.05
(32,800)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	14	1.05
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD11	18	1.05
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD12	18	1.05
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD13	18	1.05
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD21	18	1.05
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD22	18	1.05
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD23	18	1.05
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD11	11	1.05
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD12	11	1.05
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD13	11	1.05
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD21	11	1.05
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD22	11	1.05
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD23	11	1.05
(30,1864)	1:9:A:PHE:HE1	1:54:A:ARG:HE	17	1.05
(30,1864)	1:9:A:PHE:HE2	1:54:A:ARG:HE	17	1.05
(30,1359)	1:39:A:VAL:HG11	1:144:A:LEU:H	2	1.05
(30,1359)	1:39:A:VAL:HG12	1:144:A:LEU:H	2	1.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1359)	1:39:A:VAL:HG13	1:144:A:LEU:H	2	1.05
(30,1202)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	17	1.05
(30,1202)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	17	1.05
(30,1202)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	17	1.05
(30,1202)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	17	1.05
(30,1202)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	17	1.05
(30,1202)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	17	1.05
(30,1202)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	19	1.05
(30,1202)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	19	1.05
(30,1202)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	19	1.05
(30,1202)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	19	1.05
(30,1202)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	19	1.05
(30,1202)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	19	1.05
(30,1166)	1:140:A:LEU:HD21	1:144:A:LEU:H	13	1.05
(30,1166)	1:140:A:LEU:HD22	1:144:A:LEU:H	13	1.05
(30,1166)	1:140:A:LEU:HD23	1:144:A:LEU:H	13	1.05
(30,817)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	14	1.05
(30,817)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	14	1.05
(30,817)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	14	1.05
(30,817)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	14	1.05
(30,817)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	14	1.05
(30,817)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	14	1.05
(29,2442)	1:144:A:LEU:HD11	1:147:A:ARG:H	17	1.05
(29,2442)	1:144:A:LEU:HD12	1:147:A:ARG:H	17	1.05
(29,2442)	1:144:A:LEU:HD13	1:147:A:ARG:H	17	1.05
(29,2442)	1:144:A:LEU:HD21	1:147:A:ARG:H	17	1.05
(29,2442)	1:144:A:LEU:HD22	1:147:A:ARG:H	17	1.05
(29,2442)	1:144:A:LEU:HD23	1:147:A:ARG:H	17	1.05
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD11	18	1.05
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD12	18	1.05
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD13	18	1.05
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD21	18	1.05
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD22	18	1.05
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD23	18	1.05
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	2	1.05
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	2	1.05
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	2	1.05
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	2	1.05
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	2	1.05
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	2	1.05
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE1	3	1.05
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE2	3	1.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE3	3	1.05
(29,1369)	1:39:A:VAL:HG11	1:144:A:LEU:H	2	1.05
(29,1369)	1:39:A:VAL:HG12	1:144:A:LEU:H	2	1.05
(29,1369)	1:39:A:VAL:HG13	1:144:A:LEU:H	2	1.05
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD11	15	1.05
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD12	15	1.05
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD13	15	1.05
(29,998)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	19	1.05
(29,998)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	19	1.05
(29,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	14	1.05
(29,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	14	1.05
(29,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	14	1.05
(29,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	14	1.05
(29,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	14	1.05
(29,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	14	1.05
(29,627)	1:34:A:LYS:HG2	1:35:A:LEU:H	19	1.05
(29,627)	1:34:A:LYS:HG3	1:35:A:LEU:H	19	1.05
(29,409)	1:119:A:LEU:H	1:119:A:LEU:HG	15	1.05
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	16	1.05
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	16	1.05
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	16	1.05
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	16	1.05
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	16	1.05
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	16	1.05
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	16	1.05
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	16	1.05
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	16	1.05
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	16	1.05
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	16	1.05
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	16	1.05
(18,1974)	1:12:A:VAL:HG11	1:43:A:MET:H	5	1.05
(18,1974)	1:12:A:VAL:HG12	1:43:A:MET:H	5	1.05
(18,1974)	1:12:A:VAL:HG13	1:43:A:MET:H	5	1.05
(18,1974)	1:12:A:VAL:HG21	1:43:A:MET:H	5	1.05
(18,1974)	1:12:A:VAL:HG22	1:43:A:MET:H	5	1.05
(18,1974)	1:12:A:VAL:HG23	1:43:A:MET:H	5	1.05
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	7	1.05
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	7	1.05
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	7	1.05
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	7	1.05
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	7	1.05
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	7	1.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1848)	1:9:A:PHE:HE1	1:54:A:ARG:HE	17	1.05
(18,1848)	1:9:A:PHE:HE2	1:54:A:ARG:HE	17	1.05
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	14	1.05
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	14	1.05
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	14	1.05
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	14	1.05
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	14	1.05
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	14	1.05
(18,1705)	1:79:A:THR:HG21	1:81:A:GLU:HB3	6	1.05
(18,1705)	1:79:A:THR:HG22	1:81:A:GLU:HB3	6	1.05
(18,1705)	1:79:A:THR:HG23	1:81:A:GLU:HB3	6	1.05
(18,1373)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	10	1.05
(18,1373)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	10	1.05
(18,1373)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	10	1.05
(18,1373)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	10	1.05
(18,1373)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	10	1.05
(18,1373)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	10	1.05
(18,849)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	6	1.05
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	9	1.05
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	9	1.05
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	9	1.05
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	9	1.05
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	9	1.05
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	9	1.05
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	9	1.05
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	9	1.05
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	9	1.05
(17,2480)	1:144:A:LEU:HD11	1:147:A:ARG:H	17	1.05
(17,2480)	1:144:A:LEU:HD12	1:147:A:ARG:H	17	1.05
(17,2480)	1:144:A:LEU:HD13	1:147:A:ARG:H	17	1.05
(17,2480)	1:144:A:LEU:HD21	1:147:A:ARG:H	17	1.05
(17,2480)	1:144:A:LEU:HD22	1:147:A:ARG:H	17	1.05
(17,2480)	1:144:A:LEU:HD23	1:147:A:ARG:H	17	1.05
(17,2049)	1:23:A:LEU:HB2	1:146:A:GLN:HG2	4	1.05
(17,2049)	1:23:A:LEU:HB2	1:146:A:GLN:HG3	4	1.05
(17,2049)	1:23:A:LEU:HB3	1:146:A:GLN:HG2	4	1.05
(17,2049)	1:23:A:LEU:HB3	1:146:A:GLN:HG3	4	1.05
(17,1379)	1:39:A:VAL:HG11	1:144:A:LEU:H	2	1.05
(17,1379)	1:39:A:VAL:HG12	1:144:A:LEU:H	2	1.05
(17,1379)	1:39:A:VAL:HG13	1:144:A:LEU:H	2	1.05
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	16	1.05
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	16	1.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	16	1.05
(17,1129)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	8	1.05
(17,1129)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	8	1.05
(17,992)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	1	1.05
(17,992)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	1	1.05
(17,830)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	14	1.05
(17,830)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	14	1.05
(17,830)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	14	1.05
(17,830)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	14	1.05
(17,830)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	14	1.05
(17,830)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	14	1.05
(17,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	7	1.05
(17,401)	1:119:A:LEU:H	1:119:A:LEU:HG	15	1.05
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	4	1.05
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	4	1.05
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	4	1.05
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	4	1.05
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	4	1.05
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	4	1.05
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	4	1.05
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	4	1.05
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	4	1.05
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	4	1.05
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	4	1.05
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	4	1.05
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	7	1.05
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	7	1.05
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	7	1.05
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	7	1.05
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	7	1.05
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	7	1.05
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	7	1.05
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	7	1.05
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	7	1.05
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	7	1.05
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	7	1.05
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	7	1.05
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD21	13	1.05
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD22	13	1.05
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD21	13	1.05
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD22	13	1.05
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD21	13	1.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD22	13	1.05
(16,2090)	1:35:A:LEU:HD11	1:143:A:TRP:HA	2	1.05
(16,2090)	1:35:A:LEU:HD12	1:143:A:TRP:HA	2	1.05
(16,2090)	1:35:A:LEU:HD13	1:143:A:TRP:HA	2	1.05
(16,2090)	1:35:A:LEU:HD21	1:143:A:TRP:HA	2	1.05
(16,2090)	1:35:A:LEU:HD22	1:143:A:TRP:HA	2	1.05
(16,2090)	1:35:A:LEU:HD23	1:143:A:TRP:HA	2	1.05
(16,2059)	1:30:A:LEU:HD11	1:79:A:THR:HA	12	1.05
(16,2059)	1:30:A:LEU:HD12	1:79:A:THR:HA	12	1.05
(16,2059)	1:30:A:LEU:HD13	1:79:A:THR:HA	12	1.05
(16,2059)	1:30:A:LEU:HD21	1:79:A:THR:HA	12	1.05
(16,2059)	1:30:A:LEU:HD22	1:79:A:THR:HA	12	1.05
(16,2059)	1:30:A:LEU:HD23	1:79:A:THR:HA	12	1.05
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD11	11	1.05
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD12	11	1.05
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD13	11	1.05
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD21	11	1.05
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD22	11	1.05
(16,2003)	1:16:A:SER:HB2	1:30:A:LEU:HD23	11	1.05
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD11	11	1.05
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD12	11	1.05
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD13	11	1.05
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD21	11	1.05
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD22	11	1.05
(16,2003)	1:16:A:SER:HB3	1:30:A:LEU:HD23	11	1.05
(16,1899)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	18	1.05
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	7	1.05
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	7	1.05
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	7	1.05
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	7	1.05
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	7	1.05
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	7	1.05
(16,1788)	1:9:A:PHE:HD1	1:11:A:ILE:HB	2	1.05
(16,1788)	1:9:A:PHE:HD2	1:11:A:ILE:HB	2	1.05
(16,1531)	1:69:A:MET:HE1	1:76:A:ARG:HG2	5	1.05
(16,1531)	1:69:A:MET:HE1	1:76:A:ARG:HG3	5	1.05
(16,1531)	1:69:A:MET:HE2	1:76:A:ARG:HG2	5	1.05
(16,1531)	1:69:A:MET:HE2	1:76:A:ARG:HG3	5	1.05
(16,1531)	1:69:A:MET:HE3	1:76:A:ARG:HG2	5	1.05
(16,1531)	1:69:A:MET:HE3	1:76:A:ARG:HG3	5	1.05
(16,1367)	1:39:A:VAL:HG11	1:144:A:LEU:H	2	1.05
(16,1367)	1:39:A:VAL:HG12	1:144:A:LEU:H	2	1.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1367)	1:39:A:VAL:HG13	1:144:A:LEU:H	2	1.05
(16,1277)	1:44:A:GLU:HG2	1:45:A:ALA:HA	10	1.05
(16,945)	1:79:A:THR:HG21	1:81:A:GLU:HG2	15	1.05
(16,945)	1:79:A:THR:HG21	1:81:A:GLU:HG3	15	1.05
(16,945)	1:79:A:THR:HG22	1:81:A:GLU:HG2	15	1.05
(16,945)	1:79:A:THR:HG22	1:81:A:GLU:HG3	15	1.05
(16,945)	1:79:A:THR:HG23	1:81:A:GLU:HG2	15	1.05
(16,945)	1:79:A:THR:HG23	1:81:A:GLU:HG3	15	1.05
(16,828)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	14	1.05
(16,828)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	14	1.05
(16,828)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	14	1.05
(16,828)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	14	1.05
(16,828)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	14	1.05
(16,828)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	14	1.05
(16,727)	1:63:A:ILE:HG12	1:116:A:GLN:HE22	18	1.05
(15,2492)	1:144:A:LEU:HD11	1:147:A:ARG:H	17	1.05
(15,2492)	1:144:A:LEU:HD12	1:147:A:ARG:H	17	1.05
(15,2492)	1:144:A:LEU:HD13	1:147:A:ARG:H	17	1.05
(15,2492)	1:144:A:LEU:HD21	1:147:A:ARG:H	17	1.05
(15,2492)	1:144:A:LEU:HD22	1:147:A:ARG:H	17	1.05
(15,2492)	1:144:A:LEU:HD23	1:147:A:ARG:H	17	1.05
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG2	8	1.05
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG3	8	1.05
(15,1888)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	8	1.05
(15,1888)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	8	1.05
(15,1888)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	8	1.05
(15,1888)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	8	1.05
(15,1888)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	8	1.05
(15,1888)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	8	1.05
(15,1845)	1:9:A:PHE:HE1	1:54:A:ARG:HE	17	1.05
(15,1845)	1:9:A:PHE:HE2	1:54:A:ARG:HE	17	1.05
(15,1575)	1:98:A:ILE:HD11	1:115:A:ALA:H	8	1.05
(15,1575)	1:98:A:ILE:HD12	1:115:A:ALA:H	8	1.05
(15,1575)	1:98:A:ILE:HD13	1:115:A:ALA:H	8	1.05
(15,1276)	1:44:A:GLU:HG2	1:45:A:ALA:HA	10	1.05
(15,1260)	1:12:A:VAL:HG11	1:40:A:LEU:HA	19	1.05
(15,1260)	1:12:A:VAL:HG12	1:40:A:LEU:HA	19	1.05
(15,1260)	1:12:A:VAL:HG13	1:40:A:LEU:HA	19	1.05
(15,967)	1:33:A:LYS:HB2	1:80:A:TYR:HB2	17	1.05
(15,967)	1:33:A:LYS:HB3	1:80:A:TYR:HB2	17	1.05
(15,844)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	6	1.05
(13,1762)	1:9:A:PHE:HD1	1:11:A:ILE:HB	2	1.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1762)	1:9:A:PHE:HD2	1:11:A:ILE:HB	2	1.05
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG11	9	1.05
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG12	9	1.05
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG13	9	1.05
(13,417)	1:100:A:ALA:H	1:119:A:LEU:HB3	3	1.05
(11,2216)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	19	1.05
(11,2216)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	19	1.05
(11,2135)	1:39:A:VAL:HG11	1:144:A:LEU:H	16	1.05
(11,2135)	1:39:A:VAL:HG12	1:144:A:LEU:H	16	1.05
(11,2135)	1:39:A:VAL:HG13	1:144:A:LEU:H	16	1.05
(11,2135)	1:39:A:VAL:HG21	1:144:A:LEU:H	16	1.05
(11,2135)	1:39:A:VAL:HG22	1:144:A:LEU:H	16	1.05
(11,2135)	1:39:A:VAL:HG23	1:144:A:LEU:H	16	1.05
(11,1996)	1:12:A:VAL:HG11	1:43:A:MET:H	13	1.05
(11,1996)	1:12:A:VAL:HG12	1:43:A:MET:H	13	1.05
(11,1996)	1:12:A:VAL:HG13	1:43:A:MET:H	13	1.05
(11,1996)	1:12:A:VAL:HG21	1:43:A:MET:H	13	1.05
(11,1996)	1:12:A:VAL:HG22	1:43:A:MET:H	13	1.05
(11,1996)	1:12:A:VAL:HG23	1:43:A:MET:H	13	1.05
(11,1651)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	6	1.05
(11,1651)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	6	1.05
(11,1651)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	6	1.05
(11,1651)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	6	1.05
(11,1651)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	6	1.05
(11,1651)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	6	1.05
(11,1651)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	14	1.05
(11,1651)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	14	1.05
(11,1651)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	14	1.05
(11,1651)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	14	1.05
(11,1651)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	14	1.05
(11,1651)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	14	1.05
(11,1597)	1:11:A:ILE:HD11	1:18:A:PHE:HD1	15	1.05
(11,1597)	1:11:A:ILE:HD11	1:18:A:PHE:HD2	15	1.05
(11,1597)	1:11:A:ILE:HD12	1:18:A:PHE:HD1	15	1.05
(11,1597)	1:11:A:ILE:HD12	1:18:A:PHE:HD2	15	1.05
(11,1597)	1:11:A:ILE:HD13	1:18:A:PHE:HD1	15	1.05
(11,1597)	1:11:A:ILE:HD13	1:18:A:PHE:HD2	15	1.05
(11,1482)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	15	1.05
(11,1482)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	15	1.05
(11,1482)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	15	1.05
(11,1482)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	15	1.05
(11,1482)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	15	1.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1482)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	15	1.05
(11,1482)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	15	1.05
(11,1482)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	15	1.05
(11,1482)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	15	1.05
(11,1384)	1:39:A:VAL:HG11	1:144:A:LEU:H	2	1.05
(11,1384)	1:39:A:VAL:HG12	1:144:A:LEU:H	2	1.05
(11,1384)	1:39:A:VAL:HG13	1:144:A:LEU:H	2	1.05
(11,818)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	14	1.05
(11,818)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	14	1.05
(11,818)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	14	1.05
(11,818)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	14	1.05
(11,818)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	14	1.05
(11,818)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	14	1.05
(11,94)	1:95:A:ILE:HG21	1:97:A:ASP:H	2	1.05
(11,94)	1:95:A:ILE:HG22	1:97:A:ASP:H	2	1.05
(11,94)	1:95:A:ILE:HG23	1:97:A:ASP:H	2	1.05
(9,2430)	1:144:A:LEU:HD11	1:147:A:ARG:H	17	1.05
(9,2430)	1:144:A:LEU:HD12	1:147:A:ARG:H	17	1.05
(9,2430)	1:144:A:LEU:HD13	1:147:A:ARG:H	17	1.05
(9,2430)	1:144:A:LEU:HD21	1:147:A:ARG:H	17	1.05
(9,2430)	1:144:A:LEU:HD22	1:147:A:ARG:H	17	1.05
(9,2430)	1:144:A:LEU:HD23	1:147:A:ARG:H	17	1.05
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG11	7	1.05
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG12	7	1.05
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG13	7	1.05
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG21	7	1.05
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG22	7	1.05
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG23	7	1.05
(9,2110)	1:40:A:LEU:HD11	1:41:A:LYS:HA	11	1.05
(9,2110)	1:40:A:LEU:HD12	1:41:A:LYS:HA	11	1.05
(9,2110)	1:40:A:LEU:HD13	1:41:A:LYS:HA	11	1.05
(9,2110)	1:40:A:LEU:HD21	1:41:A:LYS:HA	11	1.05
(9,2110)	1:40:A:LEU:HD22	1:41:A:LYS:HA	11	1.05
(9,2110)	1:40:A:LEU:HD23	1:41:A:LYS:HA	11	1.05
(9,2026)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	10	1.05
(9,2026)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	10	1.05
(9,2026)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	10	1.05
(9,2026)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	10	1.05
(9,2026)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	10	1.05
(9,2026)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	10	1.05
(9,2026)	1:27:A:ARG:HB3	1:30:A:LEU:HD11	10	1.05
(9,2026)	1:27:A:ARG:HB3	1:30:A:LEU:HD12	10	1.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2026)	1:27:A:ARG:HB3	1:30:A:LEU:HD13	10	1.05
(9,2026)	1:27:A:ARG:HB3	1:30:A:LEU:HD21	10	1.05
(9,2026)	1:27:A:ARG:HB3	1:30:A:LEU:HD22	10	1.05
(9,2026)	1:27:A:ARG:HB3	1:30:A:LEU:HD23	10	1.05
(9,1255)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	10	1.05
(9,1255)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	10	1.05
(9,1255)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	10	1.05
(9,1247)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	19	1.05
(9,1247)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	19	1.05
(9,1247)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	19	1.05
(9,1247)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	19	1.05
(9,1247)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	19	1.05
(9,1247)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	19	1.05
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD11	15	1.05
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD12	15	1.05
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD13	15	1.05
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB1	18	1.05
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB2	18	1.05
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB3	18	1.05
(9,985)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	19	1.05
(9,985)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	19	1.05
(9,917)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	1	1.05
(9,917)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	1	1.05
(9,917)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	1	1.05
(7,2215)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	18	1.05
(7,2215)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	18	1.05
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD1	14	1.05
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD2	14	1.05
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD1	14	1.05
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD2	14	1.05
(7,1994)	1:23:A:LEU:HB2	1:146:A:GLN:HG2	4	1.05
(7,1994)	1:23:A:LEU:HB2	1:146:A:GLN:HG3	4	1.05
(7,1994)	1:23:A:LEU:HB3	1:146:A:GLN:HG2	4	1.05
(7,1994)	1:23:A:LEU:HB3	1:146:A:GLN:HG3	4	1.05
(7,1765)	1:9:A:PHE:HD1	1:11:A:ILE:HB	2	1.05
(7,1765)	1:9:A:PHE:HD2	1:11:A:ILE:HB	2	1.05
(7,1685)	1:79:A:THR:HG21	1:81:A:GLU:HB3	8	1.05
(7,1685)	1:79:A:THR:HG22	1:81:A:GLU:HB3	8	1.05
(7,1685)	1:79:A:THR:HG23	1:81:A:GLU:HB3	8	1.05
(7,1348)	1:39:A:VAL:HG11	1:144:A:LEU:H	2	1.05
(7,1348)	1:39:A:VAL:HG12	1:144:A:LEU:H	2	1.05
(7,1348)	1:39:A:VAL:HG13	1:144:A:LEU:H	2	1.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1241)	1:12:A:VAL:HG11	1:40:A:LEU:HA	19	1.05
(7,1241)	1:12:A:VAL:HG12	1:40:A:LEU:HA	19	1.05
(7,1241)	1:12:A:VAL:HG13	1:40:A:LEU:HA	19	1.05
(7,1209)	1:79:A:THR:HG21	1:81:A:GLU:HA	19	1.05
(7,1209)	1:79:A:THR:HG22	1:81:A:GLU:HA	19	1.05
(7,1209)	1:79:A:THR:HG23	1:81:A:GLU:HA	19	1.05
(7,978)	1:35:A:LEU:HG	1:143:A:TRP:HB3	15	1.05
(7,810)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	14	1.05
(7,810)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	14	1.05
(7,810)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	14	1.05
(7,810)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	14	1.05
(7,810)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	14	1.05
(7,810)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	14	1.05
(6,2034)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	12	1.05
(6,2034)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	12	1.05
(6,2034)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	12	1.05
(6,2034)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	12	1.05
(6,2034)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	12	1.05
(6,2034)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	12	1.05
(6,2034)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	12	1.05
(6,2034)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	12	1.05
(6,2034)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	12	1.05
(6,2034)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	12	1.05
(6,2034)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	12	1.05
(6,2034)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	12	1.05
(6,2033)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	18	1.05
(6,2033)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	18	1.05
(6,2033)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	18	1.05
(6,2033)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	18	1.05
(6,2033)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	18	1.05
(6,2033)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	18	1.05
(6,2033)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	18	1.05
(6,2033)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	18	1.05
(6,2033)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	18	1.05
(6,2033)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	18	1.05
(6,2033)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	18	1.05
(6,2033)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	18	1.05
(6,1804)	1:9:A:PHE:HD1	1:11:A:ILE:HB	2	1.05
(6,1804)	1:9:A:PHE:HD2	1:11:A:ILE:HB	2	1.05
(6,1798)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	16	1.05
(6,1798)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	16	1.05
(6,1798)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	16	1.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1798)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	16	1.05
(6,1618)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	6	1.05
(6,1618)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	6	1.05
(6,1618)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	6	1.05
(6,1618)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	6	1.05
(6,1618)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	6	1.05
(6,1618)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	6	1.05
(6,1618)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	14	1.05
(6,1618)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	14	1.05
(6,1618)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	14	1.05
(6,1618)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	14	1.05
(6,1618)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	14	1.05
(6,1618)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	14	1.05
(6,1386)	1:16:A:SER:HA	1:19:A:ALA:HB1	11	1.05
(6,1386)	1:16:A:SER:HA	1:19:A:ALA:HB2	11	1.05
(6,1386)	1:16:A:SER:HA	1:19:A:ALA:HB3	11	1.05
(6,869)	1:14:A:VAL:HA	1:18:A:PHE:HB2	18	1.05
(6,815)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	14	1.05
(6,815)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	14	1.05
(6,815)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	14	1.05
(6,815)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	14	1.05
(6,815)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	14	1.05
(6,815)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	14	1.05
(5,2469)	1:144:A:LEU:HD11	1:147:A:ARG:H	17	1.05
(5,2469)	1:144:A:LEU:HD12	1:147:A:ARG:H	17	1.05
(5,2469)	1:144:A:LEU:HD13	1:147:A:ARG:H	17	1.05
(5,2469)	1:144:A:LEU:HD21	1:147:A:ARG:H	17	1.05
(5,2469)	1:144:A:LEU:HD22	1:147:A:ARG:H	17	1.05
(5,2469)	1:144:A:LEU:HD23	1:147:A:ARG:H	17	1.05
(5,2179)	1:55:A:GLY:H	1:122:A:ASP:HB2	7	1.05
(5,2179)	1:55:A:GLY:H	1:122:A:ASP:HB3	7	1.05
(5,2146)	1:43:A:MET:HE1	1:144:A:LEU:HB2	17	1.05
(5,2146)	1:43:A:MET:HE1	1:144:A:LEU:HB3	17	1.05
(5,2146)	1:43:A:MET:HE2	1:144:A:LEU:HB2	17	1.05
(5,2146)	1:43:A:MET:HE2	1:144:A:LEU:HB3	17	1.05
(5,2146)	1:43:A:MET:HE3	1:144:A:LEU:HB2	17	1.05
(5,2146)	1:43:A:MET:HE3	1:144:A:LEU:HB3	17	1.05
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	1	1.05
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	1	1.05
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	1	1.05
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	1	1.05
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	1	1.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	1	1.05
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	1	1.05
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	1	1.05
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	1	1.05
(5,1576)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	19	1.05
(5,1576)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	19	1.05
(5,1576)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	19	1.05
(5,1381)	1:39:A:VAL:HG11	1:144:A:LEU:H	2	1.05
(5,1381)	1:39:A:VAL:HG12	1:144:A:LEU:H	2	1.05
(5,1381)	1:39:A:VAL:HG13	1:144:A:LEU:H	2	1.05
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD11	15	1.05
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD12	15	1.05
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD13	15	1.05
(5,1137)	1:40:A:LEU:HA	1:44:A:GLU:HG3	12	1.05
(5,916)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	16	1.05
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	1	1.05
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	1	1.05
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	1	1.05
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	1	1.05
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	1	1.05
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	1	1.05
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD11	2	1.05
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD12	2	1.05
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD13	2	1.05
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD11	6	1.05
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD12	6	1.05
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD13	6	1.05
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD21	6	1.05
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD22	6	1.05
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD23	6	1.05
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	8	1.05
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	8	1.05
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	8	1.05
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	8	1.05
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	8	1.05
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	8	1.05
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD11	16	1.05
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD12	16	1.05
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD13	16	1.05
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD21	16	1.05
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD22	16	1.05
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD23	16	1.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD11	16	1.05
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD12	16	1.05
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD13	16	1.05
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD21	16	1.05
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD22	16	1.05
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD23	16	1.05
(4,1624)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	11	1.05
(4,1624)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	11	1.05
(4,1624)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	11	1.05
(4,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	14	1.05
(4,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	14	1.05
(4,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	14	1.05
(4,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	14	1.05
(4,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	14	1.05
(4,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	14	1.05
(4,43)	1:98:A:ILE:H	1:104:A:PHE:HB2	1	1.05
(3,2500)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	3	1.05
(3,2500)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	3	1.05
(3,2500)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	3	1.05
(3,2500)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	3	1.05
(3,2500)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	3	1.05
(3,2500)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	3	1.05
(3,2145)	1:39:A:VAL:HG11	1:144:A:LEU:H	16	1.05
(3,2145)	1:39:A:VAL:HG12	1:144:A:LEU:H	16	1.05
(3,2145)	1:39:A:VAL:HG13	1:144:A:LEU:H	16	1.05
(3,2145)	1:39:A:VAL:HG21	1:144:A:LEU:H	16	1.05
(3,2145)	1:39:A:VAL:HG22	1:144:A:LEU:H	16	1.05
(3,2145)	1:39:A:VAL:HG23	1:144:A:LEU:H	16	1.05
(3,2104)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	5	1.05
(3,2104)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	5	1.05
(3,2104)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	5	1.05
(3,2104)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	5	1.05
(3,2104)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	5	1.05
(3,2104)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	5	1.05
(3,2104)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	5	1.05
(3,2104)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	5	1.05
(3,2104)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	5	1.05
(3,2104)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	5	1.05
(3,2104)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	5	1.05
(3,2104)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	5	1.05
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE1	1	1.05
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE2	1	1.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE1	1	1.05
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE2	1	1.05
(3,2029)	1:15:A:ALA:HA	1:131:A:LEU:HB2	13	1.05
(3,2029)	1:15:A:ALA:HA	1:131:A:LEU:HB3	13	1.05
(3,1904)	1:14:A:VAL:HA	1:18:A:PHE:HD1	6	1.05
(3,1904)	1:14:A:VAL:HA	1:18:A:PHE:HD2	6	1.05
(3,1890)	1:9:A:PHE:HE1	1:54:A:ARG:HE	17	1.05
(3,1890)	1:9:A:PHE:HE2	1:54:A:ARG:HE	17	1.05
(3,1827)	1:9:A:PHE:HD1	1:11:A:ILE:HB	2	1.05
(3,1827)	1:9:A:PHE:HD2	1:11:A:ILE:HB	2	1.05
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD21	2	1.05
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD22	2	1.05
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD23	2	1.05
(3,1407)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	14	1.05
(3,1407)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	14	1.05
(3,1407)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	14	1.05
(3,1391)	1:39:A:VAL:HG11	1:144:A:LEU:H	2	1.05
(3,1391)	1:39:A:VAL:HG12	1:144:A:LEU:H	2	1.05
(3,1391)	1:39:A:VAL:HG13	1:144:A:LEU:H	2	1.05
(3,1290)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	7	1.05
(3,1290)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	7	1.05
(3,1290)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	7	1.05
(3,1290)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	7	1.05
(3,1290)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	7	1.05
(3,1290)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	7	1.05
(3,728)	1:44:A:GLU:HB2	1:54:A:ARG:HE	12	1.05
(3,728)	1:44:A:GLU:HB3	1:54:A:ARG:HE	12	1.05
(3,425)	1:100:A:ALA:H	1:119:A:LEU:HB3	3	1.05
(2,2464)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	3	1.05
(2,2464)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	3	1.05
(2,2464)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	3	1.05
(2,2464)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	3	1.05
(2,2464)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	3	1.05
(2,2464)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	3	1.05
(2,2134)	1:39:A:VAL:HG11	1:144:A:LEU:H	9	1.05
(2,2134)	1:39:A:VAL:HG12	1:144:A:LEU:H	9	1.05
(2,2134)	1:39:A:VAL:HG13	1:144:A:LEU:H	9	1.05
(2,2134)	1:39:A:VAL:HG21	1:144:A:LEU:H	9	1.05
(2,2134)	1:39:A:VAL:HG22	1:144:A:LEU:H	9	1.05
(2,2134)	1:39:A:VAL:HG23	1:144:A:LEU:H	9	1.05
(2,1887)	1:9:A:PHE:HE1	1:54:A:ARG:HE	17	1.05
(2,1887)	1:9:A:PHE:HE2	1:54:A:ARG:HE	17	1.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1783)	1:39:A:VAL:HG21	1:144:A:LEU:H	9	1.05
(2,1783)	1:39:A:VAL:HG22	1:144:A:LEU:H	9	1.05
(2,1783)	1:39:A:VAL:HG23	1:144:A:LEU:H	9	1.05
(2,1469)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	14	1.05
(2,1469)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	14	1.05
(2,1469)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	14	1.05
(2,1469)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	14	1.05
(2,1469)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	14	1.05
(2,1469)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	14	1.05
(2,1469)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	14	1.05
(2,1469)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	14	1.05
(2,1469)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	14	1.05
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG21	8	1.05
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG22	8	1.05
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG23	8	1.05
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG11	8	1.05
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG12	8	1.05
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG13	8	1.05
(2,1368)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	11	1.05
(2,1368)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	11	1.05
(2,1368)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	11	1.05
(2,1110)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	8	1.05
(2,1110)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	8	1.05
(2,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	14	1.05
(2,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	14	1.05
(2,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	14	1.05
(2,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	14	1.05
(2,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	14	1.05
(2,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	14	1.05
(2,714)	1:44:A:GLU:HB2	1:54:A:ARG:HE	12	1.05
(2,714)	1:44:A:GLU:HB3	1:54:A:ARG:HE	12	1.05
(2,479)	1:145:A:PRO:HB2	1:148:A:CYS:H	1	1.05
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD11	8	1.05
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD12	8	1.05
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD13	8	1.05
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD21	8	1.05
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD22	8	1.05
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD23	8	1.05
(1,2052)	1:30:A:LEU:HD11	1:144:A:LEU:HA	13	1.05
(1,2052)	1:30:A:LEU:HD12	1:144:A:LEU:HA	13	1.05
(1,2052)	1:30:A:LEU:HD13	1:144:A:LEU:HA	13	1.05
(1,2052)	1:30:A:LEU:HD21	1:144:A:LEU:HA	13	1.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2052)	1:30:A:LEU:HD22	1:144:A:LEU:HA	13	1.05
(1,2052)	1:30:A:LEU:HD23	1:144:A:LEU:HA	13	1.05
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	4	1.05
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	4	1.05
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	4	1.05
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	4	1.05
(1,1836)	1:9:A:PHE:HZ	1:57:A:LEU:HA	17	1.05
(1,1810)	1:9:A:PHE:HD1	1:11:A:ILE:HB	2	1.05
(1,1810)	1:9:A:PHE:HD2	1:11:A:ILE:HB	2	1.05
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	1	1.05
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	1	1.05
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	1	1.05
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	1	1.05
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	1	1.05
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	1	1.05
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	1	1.05
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	1	1.05
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	1	1.05
(1,1639)	1:13:A:ALA:HA	1:80:A:TYR:HB3	1	1.05
(1,1595)	1:98:A:ILE:HD11	1:115:A:ALA:H	8	1.05
(1,1595)	1:98:A:ILE:HD12	1:115:A:ALA:H	8	1.05
(1,1595)	1:98:A:ILE:HD13	1:115:A:ALA:H	8	1.05
(1,1292)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	18	1.05
(1,1292)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	18	1.05
(1,1292)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	18	1.05
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD11	4	1.04
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD12	4	1.04
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD13	4	1.04
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD21	4	1.04
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD22	4	1.04
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD23	4	1.04
(34,2339)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	10	1.04
(34,2339)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	10	1.04
(34,2339)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	10	1.04
(34,2339)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	10	1.04
(34,2339)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	10	1.04
(34,2339)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	10	1.04
(34,2339)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	10	1.04
(34,2339)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	10	1.04
(34,2339)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	10	1.04
(34,2339)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	10	1.04
(34,2339)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	10	1.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2339)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	10	1.04
(34,1784)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	17	1.04
(34,1784)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	17	1.04
(34,1784)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	17	1.04
(34,1784)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	17	1.04
(34,1775)	1:97:A:ASP:HA	1:105:A:LYS:HG3	5	1.04
(34,1640)	1:13:A:ALA:HA	1:80:A:TYR:HB3	19	1.04
(34,1265)	1:21:A:THR:HG21	1:23:A:LEU:HA	8	1.04
(34,1265)	1:21:A:THR:HG22	1:23:A:LEU:HA	8	1.04
(34,1265)	1:21:A:THR:HG23	1:23:A:LEU:HA	8	1.04
(34,913)	1:67:A:PRO:HD3	1:95:A:ILE:HB	3	1.04
(34,111)	1:69:A:MET:H	1:70:A:LYS:HG2	3	1.04
(34,111)	1:69:A:MET:H	1:70:A:LYS:HG2	10	1.04
(33,2340)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	10	1.04
(33,2340)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	10	1.04
(33,2340)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	10	1.04
(33,2340)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	10	1.04
(33,2340)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	10	1.04
(33,2340)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	10	1.04
(33,2340)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	10	1.04
(33,2340)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	10	1.04
(33,2340)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	10	1.04
(33,2340)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	10	1.04
(33,2340)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	10	1.04
(33,2340)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	10	1.04
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	12	1.04
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	12	1.04
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	12	1.04
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	12	1.04
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	12	1.04
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	12	1.04
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	12	1.04
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	12	1.04
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	12	1.04
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	12	1.04
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	12	1.04
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	12	1.04
(33,1841)	1:13:A:ALA:HA	1:80:A:TYR:HE1	7	1.04
(33,1841)	1:13:A:ALA:HA	1:80:A:TYR:HE2	7	1.04
(33,1767)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	17	1.04
(33,1767)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	17	1.04
(33,1767)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	17	1.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1767)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	17	1.04
(33,1637)	1:134:A:VAL:HG11	1:137:A:SER:H	5	1.04
(33,1637)	1:134:A:VAL:HG12	1:137:A:SER:H	5	1.04
(33,1637)	1:134:A:VAL:HG13	1:137:A:SER:H	5	1.04
(33,1576)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	2	1.04
(33,1576)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	2	1.04
(33,1576)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	2	1.04
(33,1576)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	2	1.04
(33,1576)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	2	1.04
(33,1576)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	2	1.04
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG11	8	1.04
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG12	8	1.04
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG13	8	1.04
(33,1242)	1:21:A:THR:HG21	1:23:A:LEU:HA	8	1.04
(33,1242)	1:21:A:THR:HG22	1:23:A:LEU:HA	8	1.04
(33,1242)	1:21:A:THR:HG23	1:23:A:LEU:HA	8	1.04
(33,747)	1:105:A:LYS:HG3	1:112:A:GLN:HE21	19	1.04
(33,573)	1:16:A:SER:H	1:131:A:LEU:HB3	14	1.04
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD11	4	1.04
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD12	4	1.04
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD13	4	1.04
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD21	4	1.04
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD22	4	1.04
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD23	4	1.04
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG2	7	1.04
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG3	7	1.04
(32,2239)	1:68:A:LYS:H	1:70:A:LYS:HG2	15	1.04
(32,2239)	1:68:A:LYS:H	1:70:A:LYS:HG3	15	1.04
(32,2236)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	15	1.04
(32,2236)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	15	1.04
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE1	19	1.04
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE2	19	1.04
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE1	19	1.04
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE2	19	1.04
(32,1829)	1:9:A:PHE:HE1	1:54:A:ARG:HE	17	1.04
(32,1829)	1:9:A:PHE:HE2	1:54:A:ARG:HE	17	1.04
(32,1721)	1:140:A:LEU:HD21	1:143:A:TRP:HD1	4	1.04
(32,1721)	1:140:A:LEU:HD22	1:143:A:TRP:HD1	4	1.04
(32,1721)	1:140:A:LEU:HD23	1:143:A:TRP:HD1	4	1.04
(32,1357)	1:19:A:ALA:HB1	1:132:A:ALA:HA	4	1.04
(32,1357)	1:19:A:ALA:HB2	1:132:A:ALA:HA	4	1.04
(32,1357)	1:19:A:ALA:HB3	1:132:A:ALA:HA	4	1.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD21	7	1.04
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD22	7	1.04
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD23	7	1.04
(32,1203)	1:21:A:THR:HG21	1:23:A:LEU:HA	8	1.04
(32,1203)	1:21:A:THR:HG22	1:23:A:LEU:HA	8	1.04
(32,1203)	1:21:A:THR:HG23	1:23:A:LEU:HA	8	1.04
(32,962)	1:102:A:PRO:HA	1:105:A:LYS:HB2	7	1.04
(32,962)	1:102:A:PRO:HA	1:105:A:LYS:HB3	7	1.04
(32,781)	1:63:A:ILE:HD11	1:116:A:GLN:HE21	8	1.04
(32,781)	1:63:A:ILE:HD12	1:116:A:GLN:HE21	8	1.04
(32,781)	1:63:A:ILE:HD13	1:116:A:GLN:HE21	8	1.04
(32,781)	1:63:A:ILE:HD11	1:116:A:GLN:HE21	13	1.04
(32,781)	1:63:A:ILE:HD12	1:116:A:GLN:HE21	13	1.04
(32,781)	1:63:A:ILE:HD13	1:116:A:GLN:HE21	13	1.04
(32,608)	1:34:A:LYS:HG2	1:35:A:LEU:H	19	1.04
(32,608)	1:34:A:LYS:HG3	1:35:A:LEU:H	19	1.04
(30,2457)	1:140:A:LEU:HD11	1:144:A:LEU:H	13	1.04
(30,2457)	1:140:A:LEU:HD12	1:144:A:LEU:H	13	1.04
(30,2457)	1:140:A:LEU:HD13	1:144:A:LEU:H	13	1.04
(30,2457)	1:140:A:LEU:HD21	1:144:A:LEU:H	13	1.04
(30,2457)	1:140:A:LEU:HD22	1:144:A:LEU:H	13	1.04
(30,2457)	1:140:A:LEU:HD23	1:144:A:LEU:H	13	1.04
(30,2277)	1:75:A:GLY:HA2	1:77:A:CYS:HB2	15	1.04
(30,2277)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	15	1.04
(30,2245)	1:68:A:LYS:H	1:70:A:LYS:HG2	15	1.04
(30,2245)	1:68:A:LYS:H	1:70:A:LYS:HG3	15	1.04
(30,2242)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	15	1.04
(30,2242)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	15	1.04
(30,1590)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	2	1.04
(30,1590)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	2	1.04
(30,1590)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	2	1.04
(30,1590)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	2	1.04
(30,1590)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	2	1.04
(30,1590)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	2	1.04
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE1	14	1.04
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE2	14	1.04
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE3	14	1.04
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	10	1.04
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	10	1.04
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	10	1.04
(30,888)	1:67:A:PRO:HD3	1:95:A:ILE:HB	3	1.04
(29,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	17	1.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	17	1.04
(29,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	17	1.04
(29,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	17	1.04
(29,1965)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	1	1.04
(29,1965)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	1	1.04
(29,1965)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	1	1.04
(29,1965)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	1	1.04
(29,1870)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	12	1.04
(29,1870)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	12	1.04
(29,1870)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	12	1.04
(29,1870)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	12	1.04
(29,1713)	1:52:A:CYS:HA	1:124:A:THR:HB	11	1.04
(29,1713)	1:52:A:CYS:HA	1:124:A:THR:HB	19	1.04
(29,1711)	1:53:A:THR:H	1:124:A:THR:HB	8	1.04
(29,1252)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	6	1.04
(29,1252)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	6	1.04
(29,1252)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	6	1.04
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD11	12	1.04
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD12	12	1.04
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD13	12	1.04
(29,159)	1:67:A:PRO:HD3	1:95:A:ILE:H	14	1.04
(18,2128)	1:41:A:LYS:H	1:44:A:GLU:HG2	11	1.04
(18,2128)	1:41:A:LYS:H	1:44:A:GLU:HG3	11	1.04
(18,1974)	1:12:A:VAL:HG11	1:43:A:MET:H	13	1.04
(18,1974)	1:12:A:VAL:HG12	1:43:A:MET:H	13	1.04
(18,1974)	1:12:A:VAL:HG13	1:43:A:MET:H	13	1.04
(18,1974)	1:12:A:VAL:HG21	1:43:A:MET:H	13	1.04
(18,1974)	1:12:A:VAL:HG22	1:43:A:MET:H	13	1.04
(18,1974)	1:12:A:VAL:HG23	1:43:A:MET:H	13	1.04
(18,1242)	1:21:A:THR:HG21	1:23:A:LEU:HA	8	1.04
(18,1242)	1:21:A:THR:HG22	1:23:A:LEU:HA	8	1.04
(18,1242)	1:21:A:THR:HG23	1:23:A:LEU:HA	8	1.04
(18,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD21	4	1.04
(18,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD22	4	1.04
(18,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD23	4	1.04
(18,1036)	1:113:A:PHE:HA	1:116:A:GLN:HG3	15	1.04
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	3	1.04
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	3	1.04
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	3	1.04
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	3	1.04
(18,485)	1:48:A:ARG:HA	1:53:A:THR:H	7	1.04
(18,107)	1:69:A:MET:H	1:69:A:MET:HE1	15	1.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,107)	1:69:A:MET:H	1:69:A:MET:HE2	15	1.04
(18,107)	1:69:A:MET:H	1:69:A:MET:HE3	15	1.04
(18,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	14	1.04
(17,2340)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	10	1.04
(17,2340)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	10	1.04
(17,2340)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	10	1.04
(17,2340)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	10	1.04
(17,2340)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	10	1.04
(17,2340)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	10	1.04
(17,2340)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	10	1.04
(17,2340)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	10	1.04
(17,2340)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	10	1.04
(17,2340)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	10	1.04
(17,2340)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	10	1.04
(17,2340)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	10	1.04
(17,2057)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	10	1.04
(17,2057)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	10	1.04
(17,2057)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	10	1.04
(17,2057)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	10	1.04
(17,2057)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	10	1.04
(17,2057)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	10	1.04
(17,2057)	1:27:A:ARG:HB3	1:30:A:LEU:HD11	10	1.04
(17,2057)	1:27:A:ARG:HB3	1:30:A:LEU:HD12	10	1.04
(17,2057)	1:27:A:ARG:HB3	1:30:A:LEU:HD13	10	1.04
(17,2057)	1:27:A:ARG:HB3	1:30:A:LEU:HD21	10	1.04
(17,2057)	1:27:A:ARG:HB3	1:30:A:LEU:HD22	10	1.04
(17,2057)	1:27:A:ARG:HB3	1:30:A:LEU:HD23	10	1.04
(17,1866)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	4	1.04
(17,1866)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	4	1.04
(17,1866)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	4	1.04
(17,1866)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	4	1.04
(17,1682)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	19	1.04
(17,1682)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	19	1.04
(17,1604)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	2	1.04
(17,1604)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	2	1.04
(17,1604)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	2	1.04
(17,1604)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	2	1.04
(17,1604)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	2	1.04
(17,1604)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	2	1.04
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE1	14	1.04
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE2	14	1.04
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE3	14	1.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,999)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	7	1.04
(17,999)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	7	1.04
(17,107)	1:69:A:MET:H	1:70:A:LYS:HG2	3	1.04
(17,107)	1:69:A:MET:H	1:70:A:LYS:HG2	10	1.04
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD11	6	1.04
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD12	6	1.04
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD13	6	1.04
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD21	6	1.04
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD22	6	1.04
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD23	6	1.04
(16,1241)	1:21:A:THR:HG21	1:23:A:LEU:HA	8	1.04
(16,1241)	1:21:A:THR:HG22	1:23:A:LEU:HA	8	1.04
(16,1241)	1:21:A:THR:HG23	1:23:A:LEU:HA	8	1.04
(16,796)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	11	1.04
(16,796)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	11	1.04
(16,796)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	11	1.04
(16,796)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	11	1.04
(16,796)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	11	1.04
(16,796)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	11	1.04
(16,350)	1:111:A:GLU:H	1:111:A:GLU:HG2	7	1.04
(16,350)	1:111:A:GLU:H	1:111:A:GLU:HG2	14	1.04
(16,121)	1:78:A:HIS:HA	1:80:A:TYR:H	18	1.04
(16,107)	1:69:A:MET:H	1:70:A:LYS:HG2	3	1.04
(16,107)	1:69:A:MET:H	1:70:A:LYS:HG2	10	1.04
(15,2490)	1:144:A:LEU:HB2	1:148:A:CYS:H	9	1.04
(15,2490)	1:144:A:LEU:HB3	1:148:A:CYS:H	9	1.04
(15,2324)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	10	1.04
(15,2324)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	10	1.04
(15,2324)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	10	1.04
(15,2324)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	10	1.04
(15,2324)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	10	1.04
(15,2324)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	10	1.04
(15,2324)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	10	1.04
(15,2324)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	10	1.04
(15,2324)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	10	1.04
(15,2324)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	10	1.04
(15,2324)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	10	1.04
(15,2324)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	10	1.04
(15,2223)	1:68:A:LYS:H	1:70:A:LYS:HG2	15	1.04
(15,2223)	1:68:A:LYS:H	1:70:A:LYS:HG3	15	1.04
(15,2220)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	15	1.04
(15,2220)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	15	1.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1759)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	17	1.04
(15,1759)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	17	1.04
(15,1759)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	17	1.04
(15,1759)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	17	1.04
(15,1468)	1:95:A:ILE:HG21	1:97:A:ASP:H	19	1.04
(15,1468)	1:95:A:ILE:HG22	1:97:A:ASP:H	19	1.04
(15,1468)	1:95:A:ILE:HG23	1:97:A:ASP:H	19	1.04
(15,1340)	1:105:A:LYS:HG2	1:106:A:ASP:HA	7	1.04
(15,1340)	1:105:A:LYS:HG2	1:106:A:ASP:HA	17	1.04
(15,588)	1:126:A:GLY:H	1:128:A:LEU:HG	3	1.04
(13,2312)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	10	1.04
(13,2312)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	10	1.04
(13,2312)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	10	1.04
(13,2312)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	10	1.04
(13,2312)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	10	1.04
(13,2312)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	10	1.04
(13,2312)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	10	1.04
(13,2312)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	10	1.04
(13,2312)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	10	1.04
(13,2312)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	10	1.04
(13,2312)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	10	1.04
(13,2312)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	10	1.04
(13,2208)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	15	1.04
(13,2208)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	15	1.04
(13,1903)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	1	1.04
(13,1903)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	1	1.04
(13,1903)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	1	1.04
(13,1903)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	1	1.04
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	19	1.04
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	19	1.04
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	19	1.04
(13,1211)	1:21:A:THR:HG21	1:23:A:LEU:HA	8	1.04
(13,1211)	1:21:A:THR:HG22	1:23:A:LEU:HA	8	1.04
(13,1211)	1:21:A:THR:HG23	1:23:A:LEU:HA	8	1.04
(13,857)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	3	1.04
(13,857)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	3	1.04
(13,701)	1:45:A:ALA:H	1:48:A:ARG:HE	5	1.04
(11,2425)	1:137:A:SER:HB2	1:140:A:LEU:HB2	9	1.04
(11,2425)	1:137:A:SER:HB3	1:140:A:LEU:HB2	9	1.04
(11,2417)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	13	1.04
(11,2417)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	13	1.04
(11,2417)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	13	1.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2417)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	13	1.04
(11,2417)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	13	1.04
(11,2417)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	13	1.04
(11,2417)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	13	1.04
(11,2417)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	13	1.04
(11,2417)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	13	1.04
(11,2417)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	13	1.04
(11,2417)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	13	1.04
(11,2417)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	13	1.04
(11,2346)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	10	1.04
(11,2346)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	10	1.04
(11,2346)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	10	1.04
(11,2346)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	10	1.04
(11,2346)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	10	1.04
(11,2346)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	10	1.04
(11,2346)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	10	1.04
(11,2346)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	10	1.04
(11,2346)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	10	1.04
(11,2346)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	10	1.04
(11,2346)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	10	1.04
(11,2346)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	10	1.04
(11,2245)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	15	1.04
(11,2245)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	15	1.04
(11,2216)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	6	1.04
(11,2216)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	6	1.04
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD11	17	1.04
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD12	17	1.04
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD13	17	1.04
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD21	17	1.04
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD22	17	1.04
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD23	17	1.04
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD11	17	1.04
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD12	17	1.04
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD13	17	1.04
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD21	17	1.04
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD22	17	1.04
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD23	17	1.04
(11,1962)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	1	1.04
(11,1962)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	1	1.04
(11,1962)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	1	1.04
(11,1962)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	1	1.04
(11,1800)	1:97:A:ASP:HA	1:105:A:LYS:HG3	5	1.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1651)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	3	1.04
(11,1651)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	3	1.04
(11,1651)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	3	1.04
(11,1651)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	3	1.04
(11,1651)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	3	1.04
(11,1651)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	3	1.04
(11,1617)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	2	1.04
(11,1617)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	2	1.04
(11,1617)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	2	1.04
(11,1617)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	2	1.04
(11,1617)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	2	1.04
(11,1617)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	2	1.04
(11,1252)	1:21:A:THR:HG21	1:23:A:LEU:HA	8	1.04
(11,1252)	1:21:A:THR:HG22	1:23:A:LEU:HA	8	1.04
(11,1252)	1:21:A:THR:HG23	1:23:A:LEU:HA	8	1.04
(11,1001)	1:35:A:LEU:HG	1:143:A:TRP:HB3	6	1.04
(11,759)	1:37:A:LEU:H	1:40:A:LEU:HB3	19	1.04
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	16	1.04
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	16	1.04
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	16	1.04
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	16	1.04
(9,1836)	1:13:A:ALA:HA	1:80:A:TYR:HE1	7	1.04
(9,1836)	1:13:A:ALA:HA	1:80:A:TYR:HE2	7	1.04
(9,1732)	1:105:A:LYS:HG2	1:106:A:ASP:HA	7	1.04
(9,1732)	1:105:A:LYS:HG2	1:106:A:ASP:HA	17	1.04
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD21	1	1.04
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD22	1	1.04
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD23	1	1.04
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD11	12	1.04
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD12	12	1.04
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD13	12	1.04
(9,1029)	1:11:A:ILE:HG12	1:43:A:MET:HB3	5	1.04
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB2	4	1.04
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB3	4	1.04
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	7	1.04
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	7	1.04
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	7	1.04
(9,750)	1:43:A:MET:HE1	1:134:A:VAL:H	16	1.04
(9,750)	1:43:A:MET:HE2	1:134:A:VAL:H	16	1.04
(9,750)	1:43:A:MET:HE3	1:134:A:VAL:H	16	1.04
(9,486)	1:147:A:ARG:HD2	1:148:A:CYS:H	12	1.04
(9,486)	1:147:A:ARG:HD3	1:148:A:CYS:H	12	1.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD11	10	1.04
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD12	10	1.04
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD13	10	1.04
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD21	10	1.04
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD22	10	1.04
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD23	10	1.04
(7,1560)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	2	1.04
(7,1560)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	2	1.04
(7,1560)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	2	1.04
(7,1560)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	2	1.04
(7,1560)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	2	1.04
(7,1560)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	2	1.04
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	16	1.04
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	16	1.04
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	16	1.04
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG11	8	1.04
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG12	8	1.04
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG13	8	1.04
(7,1213)	1:21:A:THR:HG21	1:23:A:LEU:HA	8	1.04
(7,1213)	1:21:A:THR:HG22	1:23:A:LEU:HA	8	1.04
(7,1213)	1:21:A:THR:HG23	1:23:A:LEU:HA	8	1.04
(7,682)	1:145:A:PRO:HB2	1:148:A:CYS:H	16	1.04
(6,2335)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	10	1.04
(6,2335)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	10	1.04
(6,2335)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	10	1.04
(6,2335)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	10	1.04
(6,2335)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	10	1.04
(6,2335)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	10	1.04
(6,2335)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	10	1.04
(6,2335)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	10	1.04
(6,2335)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	10	1.04
(6,2335)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	10	1.04
(6,2335)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	10	1.04
(6,2335)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	10	1.04
(6,2037)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	12	1.04
(6,2037)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	12	1.04
(6,2037)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	12	1.04
(6,2037)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	12	1.04
(6,2037)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	12	1.04
(6,2037)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	12	1.04
(6,2001)	1:14:A:VAL:HG11	1:18:A:PHE:HB2	18	1.04
(6,2001)	1:14:A:VAL:HG12	1:18:A:PHE:HB2	18	1.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2001)	1:14:A:VAL:HG13	1:18:A:PHE:HB2	18	1.04
(6,2001)	1:14:A:VAL:HG21	1:18:A:PHE:HB2	18	1.04
(6,2001)	1:14:A:VAL:HG22	1:18:A:PHE:HB2	18	1.04
(6,2001)	1:14:A:VAL:HG23	1:18:A:PHE:HB2	18	1.04
(6,1777)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	17	1.04
(6,1777)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	17	1.04
(6,1777)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	17	1.04
(6,1777)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	17	1.04
(6,1651)	1:134:A:VAL:HG11	1:137:A:SER:H	5	1.04
(6,1651)	1:134:A:VAL:HG12	1:137:A:SER:H	5	1.04
(6,1651)	1:134:A:VAL:HG13	1:137:A:SER:H	5	1.04
(6,1618)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	3	1.04
(6,1618)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	3	1.04
(6,1618)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	3	1.04
(6,1618)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	3	1.04
(6,1618)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	3	1.04
(6,1618)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	3	1.04
(6,1587)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	2	1.04
(6,1587)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	2	1.04
(6,1587)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	2	1.04
(6,1587)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	2	1.04
(6,1587)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	2	1.04
(6,1587)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	2	1.04
(6,1455)	1:15:A:ALA:HB1	1:132:A:ALA:HA	7	1.04
(6,1455)	1:15:A:ALA:HB2	1:132:A:ALA:HA	7	1.04
(6,1455)	1:15:A:ALA:HB3	1:132:A:ALA:HA	7	1.04
(6,1336)	1:105:A:LYS:HG2	1:106:A:ASP:HA	7	1.04
(6,1336)	1:105:A:LYS:HG2	1:106:A:ASP:HA	17	1.04
(6,1229)	1:21:A:THR:HG21	1:23:A:LEU:HA	8	1.04
(6,1229)	1:21:A:THR:HG22	1:23:A:LEU:HA	8	1.04
(6,1229)	1:21:A:THR:HG23	1:23:A:LEU:HA	8	1.04
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	10	1.04
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	10	1.04
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	10	1.04
(6,152)	1:67:A:PRO:HD3	1:95:A:ILE:H	14	1.04
(5,2234)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	15	1.04
(5,2234)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	15	1.04
(5,2122)	1:40:A:LEU:HD11	1:41:A:LYS:HA	15	1.04
(5,2122)	1:40:A:LEU:HD12	1:41:A:LYS:HA	15	1.04
(5,2122)	1:40:A:LEU:HD13	1:41:A:LYS:HA	15	1.04
(5,2122)	1:40:A:LEU:HD21	1:41:A:LYS:HA	15	1.04
(5,2122)	1:40:A:LEU:HD22	1:41:A:LYS:HA	15	1.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2122)	1:40:A:LEU:HD23	1:41:A:LYS:HA	15	1.04
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	3	1.04
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	3	1.04
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	3	1.04
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	3	1.04
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	3	1.04
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	3	1.04
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	3	1.04
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	3	1.04
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	3	1.04
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	3	1.04
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	3	1.04
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	3	1.04
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	3	1.04
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	3	1.04
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	3	1.04
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	3	1.04
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	3	1.04
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	3	1.04
(5,1959)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	1	1.04
(5,1959)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	1	1.04
(5,1959)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	1	1.04
(5,1959)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	1	1.04
(5,1790)	1:97:A:ASP:HA	1:105:A:LYS:HG3	5	1.04
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	3	1.04
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	3	1.04
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	3	1.04
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	3	1.04
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	3	1.04
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	3	1.04
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	3	1.04
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	3	1.04
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	3	1.04
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD11	14	1.04
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD12	14	1.04
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD13	14	1.04
(5,1296)	1:14:A:VAL:HG21	1:60:A:LEU:H	14	1.04
(5,1296)	1:14:A:VAL:HG22	1:60:A:LEU:H	14	1.04
(5,1296)	1:14:A:VAL:HG23	1:60:A:LEU:H	14	1.04
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD11	12	1.04
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD12	12	1.04
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD13	12	1.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	3	1.04
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	3	1.04
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	3	1.04
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	3	1.04
(5,147)	1:67:A:PRO:HD3	1:95:A:ILE:H	14	1.04
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	7	1.04
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	7	1.04
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	7	1.04
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG21	7	1.04
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG22	7	1.04
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG23	7	1.04
(4,1568)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	2	1.04
(4,1568)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	2	1.04
(4,1568)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	2	1.04
(4,1568)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	2	1.04
(4,1568)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	2	1.04
(4,1568)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	2	1.04
(4,1212)	1:21:A:THR:HG21	1:23:A:LEU:HA	8	1.04
(4,1212)	1:21:A:THR:HG22	1:23:A:LEU:HA	8	1.04
(4,1212)	1:21:A:THR:HG23	1:23:A:LEU:HA	8	1.04
(4,833)	1:48:A:ARG:HD2	1:49:A:LYS:HA	17	1.04
(4,833)	1:48:A:ARG:HD3	1:49:A:LYS:HA	17	1.04
(4,749)	1:37:A:LEU:H	1:40:A:LEU:HB3	19	1.04
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB1	13	1.04
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB2	13	1.04
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB3	13	1.04
(3,2500)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	13	1.04
(3,2500)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	13	1.04
(3,2500)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	13	1.04
(3,2500)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	13	1.04
(3,2500)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	13	1.04
(3,2500)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	13	1.04
(3,2367)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	10	1.04
(3,2367)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	10	1.04
(3,2367)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	10	1.04
(3,2367)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	10	1.04
(3,2367)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	10	1.04
(3,2367)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	10	1.04
(3,2367)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	10	1.04
(3,2367)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	10	1.04
(3,2367)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	10	1.04
(3,2367)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	10	1.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2367)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	10	1.04
(3,2367)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	10	1.04
(3,2252)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	9	1.04
(3,2252)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	9	1.04
(3,2252)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	9	1.04
(3,2252)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	9	1.04
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE1	19	1.04
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE2	19	1.04
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE1	19	1.04
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE2	19	1.04
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	16	1.04
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	16	1.04
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	16	1.04
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	16	1.04
(3,1792)	1:140:A:LEU:HD21	1:143:A:TRP:HD1	4	1.04
(3,1792)	1:140:A:LEU:HD22	1:143:A:TRP:HD1	4	1.04
(3,1792)	1:140:A:LEU:HD23	1:143:A:TRP:HD1	4	1.04
(3,1481)	1:13:A:ALA:HB1	1:78:A:HIS:HA	18	1.04
(3,1481)	1:13:A:ALA:HB2	1:78:A:HIS:HA	18	1.04
(3,1481)	1:13:A:ALA:HB3	1:78:A:HIS:HA	18	1.04
(3,1193)	1:39:A:VAL:HA	1:140:A:LEU:HD21	4	1.04
(3,1193)	1:39:A:VAL:HA	1:140:A:LEU:HD22	4	1.04
(3,1193)	1:39:A:VAL:HA	1:140:A:LEU:HD23	4	1.04
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	2	1.04
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	2	1.04
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	2	1.04
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	2	1.04
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	2	1.04
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	2	1.04
(3,772)	1:37:A:LEU:H	1:40:A:LEU:HB3	19	1.04
(3,122)	1:78:A:HIS:HA	1:80:A:TYR:H	18	1.04
(2,2464)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	13	1.04
(2,2464)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	13	1.04
(2,2464)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	13	1.04
(2,2464)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	13	1.04
(2,2464)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	13	1.04
(2,2464)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	13	1.04
(2,2262)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	15	1.04
(2,2262)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	15	1.04
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	13	1.04
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	13	1.04
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	13	1.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	13	1.04
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	13	1.04
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	13	1.04
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE1	14	1.04
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE2	14	1.04
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE3	14	1.04
(2,968)	1:47:A:ALA:HB1	1:134:A:VAL:HB	11	1.04
(2,968)	1:47:A:ALA:HB2	1:134:A:VAL:HB	11	1.04
(2,968)	1:47:A:ALA:HB3	1:134:A:VAL:HB	11	1.04
(2,622)	1:40:A:LEU:H	1:43:A:MET:HG3	1	1.04
(2,72)	1:54:A:ARG:H	1:54:A:ARG:HE	15	1.04
(1,2308)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	10	1.04
(1,2308)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	10	1.04
(1,2308)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	10	1.04
(1,2308)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	10	1.04
(1,2308)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	10	1.04
(1,2308)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	10	1.04
(1,2308)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	10	1.04
(1,2308)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	10	1.04
(1,2308)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	10	1.04
(1,2308)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	10	1.04
(1,2308)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	10	1.04
(1,2308)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	10	1.04
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE1	17	1.04
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE2	17	1.04
(1,1804)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	1	1.04
(1,1804)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	1	1.04
(1,1804)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	1	1.04
(1,1804)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	1	1.04
(1,1804)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	1	1.04
(1,1804)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	1	1.04
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	3	1.04
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	3	1.04
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	3	1.04
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	3	1.04
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	3	1.04
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	3	1.04
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	3	1.04
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	3	1.04
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	3	1.04
(1,1639)	1:13:A:ALA:HA	1:80:A:TYR:HB3	19	1.04
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG21	10	1.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG22	10	1.04
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG23	10	1.04
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG21	10	1.04
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG22	10	1.04
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG23	10	1.04
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG21	10	1.04
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG22	10	1.04
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG23	10	1.04
(1,1055)	1:11:A:ILE:HA	1:14:A:VAL:HB	8	1.04
(1,1035)	1:113:A:PHE:HA	1:116:A:GLN:HG3	15	1.04
(1,1013)	1:12:A:VAL:HB	1:43:A:MET:HE1	15	1.04
(1,1013)	1:12:A:VAL:HB	1:43:A:MET:HE2	15	1.04
(1,1013)	1:12:A:VAL:HB	1:43:A:MET:HE3	15	1.04
(1,1010)	1:102:A:PRO:HA	1:105:A:LYS:HB2	7	1.04
(1,1010)	1:102:A:PRO:HA	1:105:A:LYS:HB3	7	1.04
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD1	13	1.04
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD2	13	1.04
(34,2207)	1:60:A:LEU:HG	1:61:A:SER:HB2	11	1.03
(34,2207)	1:60:A:LEU:HG	1:61:A:SER:HB3	11	1.03
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG11	9	1.03
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG12	9	1.03
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG13	9	1.03
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG21	9	1.03
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG22	9	1.03
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG23	9	1.03
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD11	4	1.03
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD12	4	1.03
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD13	4	1.03
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD21	4	1.03
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD22	4	1.03
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD23	4	1.03
(34,1952)	1:10:A:ASN:HD21	1:12:A:VAL:HG11	12	1.03
(34,1952)	1:10:A:ASN:HD21	1:12:A:VAL:HG12	12	1.03
(34,1952)	1:10:A:ASN:HD21	1:12:A:VAL:HG13	12	1.03
(34,1952)	1:10:A:ASN:HD21	1:12:A:VAL:HG21	12	1.03
(34,1952)	1:10:A:ASN:HD21	1:12:A:VAL:HG22	12	1.03
(34,1952)	1:10:A:ASN:HD21	1:12:A:VAL:HG23	12	1.03
(34,1265)	1:21:A:THR:HG21	1:23:A:LEU:HA	7	1.03
(34,1265)	1:21:A:THR:HG22	1:23:A:LEU:HA	7	1.03
(34,1265)	1:21:A:THR:HG23	1:23:A:LEU:HA	7	1.03
(34,1233)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	17	1.03
(34,1233)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	17	1.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1233)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	17	1.03
(34,1233)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	17	1.03
(34,1233)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	17	1.03
(34,1233)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	17	1.03
(34,1233)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	19	1.03
(34,1233)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	19	1.03
(34,1233)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	19	1.03
(34,1233)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	19	1.03
(34,1233)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	19	1.03
(34,1233)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	19	1.03
(34,1202)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	4	1.03
(34,1202)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	4	1.03
(34,1202)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	4	1.03
(34,149)	1:59:A:CYS:H	1:60:A:LEU:HD21	5	1.03
(34,149)	1:59:A:CYS:H	1:60:A:LEU:HD22	5	1.03
(34,149)	1:59:A:CYS:H	1:60:A:LEU:HD23	5	1.03
(34,33)	1:95:A:ILE:HA	1:96:A:VAL:H	17	1.03
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	13	1.03
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	13	1.03
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	13	1.03
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	13	1.03
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	13	1.03
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	13	1.03
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	13	1.03
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	13	1.03
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	13	1.03
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	13	1.03
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	13	1.03
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	13	1.03
(33,1817)	1:9:A:PHE:HZ	1:54:A:ARG:HE	9	1.03
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE1	15	1.03
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE2	15	1.03
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE3	15	1.03
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE1	19	1.03
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE2	19	1.03
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE3	19	1.03
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	3	1.03
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	3	1.03
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	3	1.03
(33,1242)	1:21:A:THR:HG21	1:23:A:LEU:HA	7	1.03
(33,1242)	1:21:A:THR:HG22	1:23:A:LEU:HA	7	1.03
(33,1242)	1:21:A:THR:HG23	1:23:A:LEU:HA	7	1.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD21	19	1.03
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD22	19	1.03
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD23	19	1.03
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	17	1.03
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	17	1.03
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	17	1.03
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	17	1.03
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	17	1.03
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	17	1.03
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	17	1.03
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	17	1.03
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	17	1.03
(33,701)	1:144:A:LEU:HD11	1:147:A:ARG:HE	10	1.03
(33,701)	1:144:A:LEU:HD12	1:147:A:ARG:HE	10	1.03
(33,701)	1:144:A:LEU:HD13	1:147:A:ARG:HE	10	1.03
(33,33)	1:95:A:ILE:HA	1:96:A:VAL:H	17	1.03
(32,2252)	1:70:A:LYS:HG2	1:71:A:LYS:H	6	1.03
(32,2252)	1:70:A:LYS:HG3	1:71:A:LYS:H	6	1.03
(32,2043)	1:32:A:GLY:HA2	1:34:A:LYS:H	7	1.03
(32,2043)	1:32:A:GLY:HA3	1:34:A:LYS:H	7	1.03
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	13	1.03
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	13	1.03
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	13	1.03
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	13	1.03
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	13	1.03
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	13	1.03
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	13	1.03
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	13	1.03
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	13	1.03
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	13	1.03
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	13	1.03
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	13	1.03
(32,1730)	1:65:A:CYS:HB2	1:69:A:MET:HE1	12	1.03
(32,1730)	1:65:A:CYS:HB2	1:69:A:MET:HE2	12	1.03
(32,1730)	1:65:A:CYS:HB2	1:69:A:MET:HE3	12	1.03
(32,1695)	1:31:A:PRO:HB2	1:35:A:LEU:HA	2	1.03
(32,1695)	1:31:A:PRO:HB3	1:35:A:LEU:HA	2	1.03
(32,1343)	1:132:A:ALA:HA	1:134:A:VAL:HG11	2	1.03
(32,1343)	1:132:A:ALA:HA	1:134:A:VAL:HG12	2	1.03
(32,1343)	1:132:A:ALA:HA	1:134:A:VAL:HG13	2	1.03
(32,1203)	1:21:A:THR:HG21	1:23:A:LEU:HA	7	1.03
(32,1203)	1:21:A:THR:HG22	1:23:A:LEU:HA	7	1.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1203)	1:21:A:THR:HG23	1:23:A:LEU:HA	7	1.03
(32,1155)	1:100:A:ALA:HA	1:119:A:LEU:HD21	8	1.03
(32,1155)	1:100:A:ALA:HA	1:119:A:LEU:HD22	8	1.03
(32,1155)	1:100:A:ALA:HA	1:119:A:LEU:HD23	8	1.03
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD21	19	1.03
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD22	19	1.03
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD23	19	1.03
(32,962)	1:102:A:PRO:HA	1:105:A:LYS:HB2	9	1.03
(32,962)	1:102:A:PRO:HA	1:105:A:LYS:HB3	9	1.03
(32,871)	1:124:A:THR:H	1:127:A:CYS:HB2	2	1.03
(32,29)	1:95:A:ILE:HA	1:96:A:VAL:H	17	1.03
(30,2370)	1:115:A:ALA:H	1:116:A:GLN:HE21	19	1.03
(30,2370)	1:115:A:ALA:H	1:116:A:GLN:HE22	19	1.03
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE1	8	1.03
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE2	8	1.03
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE3	8	1.03
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE1	8	1.03
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE2	8	1.03
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE3	8	1.03
(30,1820)	1:9:A:PHE:HZ	1:54:A:ARG:HE	9	1.03
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	3	1.03
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	3	1.03
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	3	1.03
(30,1390)	1:19:A:ALA:HB1	1:21:A:THR:HG21	6	1.03
(30,1390)	1:19:A:ALA:HB1	1:21:A:THR:HG22	6	1.03
(30,1390)	1:19:A:ALA:HB1	1:21:A:THR:HG23	6	1.03
(30,1390)	1:19:A:ALA:HB2	1:21:A:THR:HG21	6	1.03
(30,1390)	1:19:A:ALA:HB2	1:21:A:THR:HG22	6	1.03
(30,1390)	1:19:A:ALA:HB2	1:21:A:THR:HG23	6	1.03
(30,1390)	1:19:A:ALA:HB3	1:21:A:THR:HG21	6	1.03
(30,1390)	1:19:A:ALA:HB3	1:21:A:THR:HG22	6	1.03
(30,1390)	1:19:A:ALA:HB3	1:21:A:THR:HG23	6	1.03
(30,1343)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	17	1.03
(30,1343)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	17	1.03
(30,1343)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	17	1.03
(30,883)	1:124:A:THR:H	1:127:A:CYS:HB2	2	1.03
(30,677)	1:18:A:PHE:HB3	1:132:A:ALA:H	18	1.03
(30,145)	1:59:A:CYS:H	1:60:A:LEU:HD21	5	1.03
(30,145)	1:59:A:CYS:H	1:60:A:LEU:HD22	5	1.03
(30,145)	1:59:A:CYS:H	1:60:A:LEU:HD23	5	1.03
(30,30)	1:95:A:ILE:HA	1:96:A:VAL:H	17	1.03
(29,1790)	1:65:A:CYS:HB2	1:69:A:MET:HE1	12	1.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1790)	1:65:A:CYS:HB2	1:69:A:MET:HE2	12	1.03
(29,1790)	1:65:A:CYS:HB2	1:69:A:MET:HE3	12	1.03
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	10	1.03
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	10	1.03
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	10	1.03
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	10	1.03
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	10	1.03
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	10	1.03
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD11	19	1.03
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD12	19	1.03
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD13	19	1.03
(29,938)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	6	1.03
(29,938)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	6	1.03
(29,938)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	6	1.03
(29,938)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	6	1.03
(29,900)	1:124:A:THR:H	1:127:A:CYS:HB2	2	1.03
(29,623)	1:26:A:ASP:H	1:30:A:LEU:HD11	11	1.03
(29,623)	1:26:A:ASP:H	1:30:A:LEU:HD12	11	1.03
(29,623)	1:26:A:ASP:H	1:30:A:LEU:HD13	11	1.03
(29,623)	1:26:A:ASP:H	1:30:A:LEU:HD21	11	1.03
(29,623)	1:26:A:ASP:H	1:30:A:LEU:HD22	11	1.03
(29,623)	1:26:A:ASP:H	1:30:A:LEU:HD23	11	1.03
(20,9)	1:56:A:CYS:SG	1:127:A:CYS:SG	6	1.03
(19,9)	1:127:A:CYS:SG	1:123:A:CYS:CB	2	1.03
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD11	4	1.03
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD12	4	1.03
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD13	4	1.03
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD21	4	1.03
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD22	4	1.03
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD23	4	1.03
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB1	7	1.03
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB2	7	1.03
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB3	7	1.03
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB1	7	1.03
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB2	7	1.03
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB3	7	1.03
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB1	7	1.03
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB2	7	1.03
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB3	7	1.03
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB1	7	1.03
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB2	7	1.03
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB3	7	1.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB1	7	1.03
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB2	7	1.03
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB3	7	1.03
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB1	7	1.03
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB2	7	1.03
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB3	7	1.03
(18,1242)	1:21:A:THR:HG21	1:23:A:LEU:HA	7	1.03
(18,1242)	1:21:A:THR:HG22	1:23:A:LEU:HA	7	1.03
(18,1242)	1:21:A:THR:HG23	1:23:A:LEU:HA	7	1.03
(18,1183)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	4	1.03
(18,1183)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	4	1.03
(18,1183)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	4	1.03
(18,1036)	1:113:A:PHE:HA	1:116:A:GLN:HG3	7	1.03
(18,937)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	6	1.03
(18,937)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	6	1.03
(18,937)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	6	1.03
(18,937)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	6	1.03
(18,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	4	1.03
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	6	1.03
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	6	1.03
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	6	1.03
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	6	1.03
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	6	1.03
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	6	1.03
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	6	1.03
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	6	1.03
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	6	1.03
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	6	1.03
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	6	1.03
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	6	1.03
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	6	1.03
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	6	1.03
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	6	1.03
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	6	1.03
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	6	1.03
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	6	1.03
(17,2076)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	3	1.03
(17,2076)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	3	1.03
(17,2076)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	3	1.03
(17,2076)	1:31:A:PRO:HD2	1:144:A:LEU:HD21	3	1.03
(17,2076)	1:31:A:PRO:HD2	1:144:A:LEU:HD22	3	1.03
(17,2076)	1:31:A:PRO:HD2	1:144:A:LEU:HD23	3	1.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2076)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	3	1.03
(17,2076)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	3	1.03
(17,2076)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	3	1.03
(17,2076)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	3	1.03
(17,2076)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	3	1.03
(17,2076)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	3	1.03
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	13	1.03
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	13	1.03
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	13	1.03
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	13	1.03
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	13	1.03
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	13	1.03
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	13	1.03
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	13	1.03
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	13	1.03
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	13	1.03
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	13	1.03
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	13	1.03
(17,1785)	1:65:A:CYS:HB2	1:69:A:MET:HE1	12	1.03
(17,1785)	1:65:A:CYS:HB2	1:69:A:MET:HE2	12	1.03
(17,1785)	1:65:A:CYS:HB2	1:69:A:MET:HE3	12	1.03
(17,1571)	1:138:A:ASP:HB2	1:139:A:LEU:HD21	13	1.03
(17,1571)	1:138:A:ASP:HB2	1:139:A:LEU:HD22	13	1.03
(17,1571)	1:138:A:ASP:HB2	1:139:A:LEU:HD23	13	1.03
(17,1571)	1:138:A:ASP:HB3	1:139:A:LEU:HD21	13	1.03
(17,1571)	1:138:A:ASP:HB3	1:139:A:LEU:HD22	13	1.03
(17,1571)	1:138:A:ASP:HB3	1:139:A:LEU:HD23	13	1.03
(17,901)	1:69:A:MET:HE1	1:73:A:ILE:HB	8	1.03
(17,901)	1:69:A:MET:HE2	1:73:A:ILE:HB	8	1.03
(17,901)	1:69:A:MET:HE3	1:73:A:ILE:HB	8	1.03
(17,897)	1:124:A:THR:H	1:127:A:CYS:HB2	2	1.03
(17,842)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	4	1.03
(17,842)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	4	1.03
(17,842)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	4	1.03
(17,842)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	4	1.03
(17,842)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	4	1.03
(17,842)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	4	1.03
(17,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	10	1.03
(17,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	10	1.03
(17,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	10	1.03
(17,144)	1:59:A:CYS:H	1:60:A:LEU:HD21	5	1.03
(17,144)	1:59:A:CYS:H	1:60:A:LEU:HD22	5	1.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,144)	1:59:A:CYS:H	1:60:A:LEU:HD23	5	1.03
(17,30)	1:95:A:ILE:HA	1:96:A:VAL:H	17	1.03
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	13	1.03
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	13	1.03
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	13	1.03
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	13	1.03
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	13	1.03
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	13	1.03
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	13	1.03
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	13	1.03
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	13	1.03
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	13	1.03
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	13	1.03
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	13	1.03
(16,1948)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	8	1.03
(16,1948)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	8	1.03
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	1	1.03
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	1	1.03
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	1	1.03
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	1	1.03
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	1	1.03
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	1	1.03
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	1	1.03
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	1	1.03
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	1	1.03
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	10	1.03
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	10	1.03
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	10	1.03
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	10	1.03
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	10	1.03
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	10	1.03
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD11	19	1.03
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD12	19	1.03
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD13	19	1.03
(16,1563)	1:58:A:ILE:HD11	1:61:A:SER:H	19	1.03
(16,1563)	1:58:A:ILE:HD12	1:61:A:SER:H	19	1.03
(16,1563)	1:58:A:ILE:HD13	1:61:A:SER:H	19	1.03
(16,1557)	1:11:A:ILE:HD11	1:18:A:PHE:HD1	15	1.03
(16,1557)	1:11:A:ILE:HD11	1:18:A:PHE:HD2	15	1.03
(16,1557)	1:11:A:ILE:HD12	1:18:A:PHE:HD1	15	1.03
(16,1557)	1:11:A:ILE:HD12	1:18:A:PHE:HD2	15	1.03
(16,1557)	1:11:A:ILE:HD13	1:18:A:PHE:HD1	15	1.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1557)	1:11:A:ILE:HD13	1:18:A:PHE:HD2	15	1.03
(16,1241)	1:21:A:THR:HG21	1:23:A:LEU:HA	7	1.03
(16,1241)	1:21:A:THR:HG22	1:23:A:LEU:HA	7	1.03
(16,1241)	1:21:A:THR:HG23	1:23:A:LEU:HA	7	1.03
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD11	2	1.03
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD12	2	1.03
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD13	2	1.03
(16,1201)	1:100:A:ALA:HA	1:119:A:LEU:HD21	8	1.03
(16,1201)	1:100:A:ALA:HA	1:119:A:LEU:HD22	8	1.03
(16,1201)	1:100:A:ALA:HA	1:119:A:LEU:HD23	8	1.03
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD21	19	1.03
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD22	19	1.03
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD23	19	1.03
(16,910)	1:69:A:MET:HE1	1:73:A:ILE:HB	8	1.03
(16,910)	1:69:A:MET:HE2	1:73:A:ILE:HB	8	1.03
(16,910)	1:69:A:MET:HE3	1:73:A:ILE:HB	8	1.03
(16,90)	1:96:A:VAL:H	1:97:A:ASP:H	6	1.03
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD11	18	1.03
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD12	18	1.03
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD13	18	1.03
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD21	18	1.03
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD22	18	1.03
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD23	18	1.03
(15,1874)	1:18:A:PHE:HE1	1:61:A:SER:H	13	1.03
(15,1874)	1:18:A:PHE:HE2	1:61:A:SER:H	13	1.03
(15,1840)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	17	1.03
(15,1840)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	17	1.03
(15,1757)	1:65:A:CYS:HB2	1:69:A:MET:HE1	12	1.03
(15,1757)	1:65:A:CYS:HB2	1:69:A:MET:HE2	12	1.03
(15,1757)	1:65:A:CYS:HB2	1:69:A:MET:HE3	12	1.03
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	10	1.03
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	10	1.03
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	10	1.03
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	10	1.03
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	10	1.03
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	10	1.03
(15,1373)	1:132:A:ALA:HA	1:134:A:VAL:HG11	2	1.03
(15,1373)	1:132:A:ALA:HA	1:134:A:VAL:HG12	2	1.03
(15,1373)	1:132:A:ALA:HA	1:134:A:VAL:HG13	2	1.03
(15,1175)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	9	1.03
(15,1175)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	9	1.03
(15,1175)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	9	1.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,894)	1:69:A:MET:HE1	1:73:A:ILE:HB	5	1.03
(15,894)	1:69:A:MET:HE2	1:73:A:ILE:HB	5	1.03
(15,894)	1:69:A:MET:HE3	1:73:A:ILE:HB	5	1.03
(15,889)	1:124:A:THR:H	1:127:A:CYS:HB2	2	1.03
(15,33)	1:95:A:ILE:HA	1:96:A:VAL:H	17	1.03
(15,12)	1:64:A:LYS:H	1:116:A:GLN:HG3	13	1.03
(13,2271)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	3	1.03
(13,2271)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	3	1.03
(13,2271)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	3	1.03
(13,2271)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	3	1.03
(13,2271)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	3	1.03
(13,2271)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	3	1.03
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE21	16	1.03
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE22	16	1.03
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE21	16	1.03
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE22	16	1.03
(13,2008)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	10	1.03
(13,2008)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	10	1.03
(13,2008)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	10	1.03
(13,2008)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	10	1.03
(13,2008)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	10	1.03
(13,2008)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	10	1.03
(13,2008)	1:27:A:ARG:HB3	1:30:A:LEU:HD11	10	1.03
(13,2008)	1:27:A:ARG:HB3	1:30:A:LEU:HD12	10	1.03
(13,2008)	1:27:A:ARG:HB3	1:30:A:LEU:HD13	10	1.03
(13,2008)	1:27:A:ARG:HB3	1:30:A:LEU:HD21	10	1.03
(13,2008)	1:27:A:ARG:HB3	1:30:A:LEU:HD22	10	1.03
(13,2008)	1:27:A:ARG:HB3	1:30:A:LEU:HD23	10	1.03
(13,1937)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	15	1.03
(13,1937)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	15	1.03
(13,1937)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	15	1.03
(13,1937)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	15	1.03
(13,1937)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	15	1.03
(13,1937)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	15	1.03
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG21	9	1.03
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG22	9	1.03
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG23	9	1.03
(13,1595)	1:13:A:ALA:HA	1:80:A:TYR:HB3	1	1.03
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE1	15	1.03
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE2	15	1.03
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE3	15	1.03
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE1	15	1.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE2	15	1.03
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE3	15	1.03
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE1	15	1.03
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE2	15	1.03
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE3	15	1.03
(13,1437)	1:13:A:ALA:HB1	1:80:A:TYR:HB2	14	1.03
(13,1437)	1:13:A:ALA:HB2	1:80:A:TYR:HB2	14	1.03
(13,1437)	1:13:A:ALA:HB3	1:80:A:TYR:HB2	14	1.03
(13,1367)	1:19:A:ALA:HB1	1:21:A:THR:HG21	6	1.03
(13,1367)	1:19:A:ALA:HB1	1:21:A:THR:HG22	6	1.03
(13,1367)	1:19:A:ALA:HB1	1:21:A:THR:HG23	6	1.03
(13,1367)	1:19:A:ALA:HB2	1:21:A:THR:HG21	6	1.03
(13,1367)	1:19:A:ALA:HB2	1:21:A:THR:HG22	6	1.03
(13,1367)	1:19:A:ALA:HB2	1:21:A:THR:HG23	6	1.03
(13,1367)	1:19:A:ALA:HB3	1:21:A:THR:HG21	6	1.03
(13,1367)	1:19:A:ALA:HB3	1:21:A:THR:HG22	6	1.03
(13,1367)	1:19:A:ALA:HB3	1:21:A:THR:HG23	6	1.03
(13,1211)	1:21:A:THR:HG21	1:23:A:LEU:HA	7	1.03
(13,1211)	1:21:A:THR:HG22	1:23:A:LEU:HA	7	1.03
(13,1211)	1:21:A:THR:HG23	1:23:A:LEU:HA	7	1.03
(13,1152)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	4	1.03
(13,1152)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	4	1.03
(13,1152)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	4	1.03
(13,1084)	1:18:A:PHE:HA	1:113:A:PHE:HZ	10	1.03
(13,910)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	6	1.03
(13,910)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	6	1.03
(13,910)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	6	1.03
(13,910)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	6	1.03
(13,883)	1:69:A:MET:HE1	1:73:A:ILE:HB	8	1.03
(13,883)	1:69:A:MET:HE2	1:73:A:ILE:HB	8	1.03
(13,883)	1:69:A:MET:HE3	1:73:A:ILE:HB	8	1.03
(13,745)	1:32:A:GLY:HA2	1:34:A:LYS:H	18	1.03
(13,417)	1:100:A:ALA:H	1:119:A:LEU:HB3	18	1.03
(13,30)	1:95:A:ILE:HA	1:96:A:VAL:H	17	1.03
(11,2217)	1:60:A:LEU:HG	1:61:A:SER:HB2	11	1.03
(11,2217)	1:60:A:LEU:HG	1:61:A:SER:HB3	11	1.03
(11,2177)	1:46:A:ASN:HD21	1:131:A:LEU:HA	15	1.03
(11,2177)	1:46:A:ASN:HD22	1:131:A:LEU:HA	15	1.03
(11,2093)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	18	1.03
(11,2093)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	18	1.03
(11,2093)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	18	1.03
(11,2093)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	18	1.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2093)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	18	1.03
(11,2093)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	18	1.03
(11,2093)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	18	1.03
(11,2093)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	18	1.03
(11,2093)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	18	1.03
(11,2093)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	18	1.03
(11,2093)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	18	1.03
(11,2093)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	18	1.03
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG21	10	1.03
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG22	10	1.03
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG23	10	1.03
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG21	10	1.03
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG22	10	1.03
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG23	10	1.03
(11,1996)	1:12:A:VAL:HG11	1:43:A:MET:H	10	1.03
(11,1996)	1:12:A:VAL:HG12	1:43:A:MET:H	10	1.03
(11,1996)	1:12:A:VAL:HG13	1:43:A:MET:H	10	1.03
(11,1996)	1:12:A:VAL:HG21	1:43:A:MET:H	10	1.03
(11,1996)	1:12:A:VAL:HG22	1:43:A:MET:H	10	1.03
(11,1996)	1:12:A:VAL:HG23	1:43:A:MET:H	10	1.03
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD11	19	1.03
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD12	19	1.03
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD13	19	1.03
(11,1605)	1:58:A:ILE:HD11	1:61:A:SER:H	19	1.03
(11,1605)	1:58:A:ILE:HD12	1:61:A:SER:H	19	1.03
(11,1605)	1:58:A:ILE:HD13	1:61:A:SER:H	19	1.03
(11,1252)	1:21:A:THR:HG21	1:23:A:LEU:HA	7	1.03
(11,1252)	1:21:A:THR:HG22	1:23:A:LEU:HA	7	1.03
(11,1252)	1:21:A:THR:HG23	1:23:A:LEU:HA	7	1.03
(11,971)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	2	1.03
(11,971)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	2	1.03
(11,971)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	17	1.03
(11,971)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	17	1.03
(11,935)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	6	1.03
(11,935)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	6	1.03
(11,935)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	6	1.03
(11,935)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	6	1.03
(11,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	4	1.03
(11,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	4	1.03
(11,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	4	1.03
(11,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	4	1.03
(11,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	4	1.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	4	1.03
(11,759)	1:37:A:LEU:H	1:40:A:LEU:HB3	11	1.03
(11,145)	1:59:A:CYS:H	1:60:A:LEU:HD21	5	1.03
(11,145)	1:59:A:CYS:H	1:60:A:LEU:HD22	5	1.03
(11,145)	1:59:A:CYS:H	1:60:A:LEU:HD23	5	1.03
(11,94)	1:95:A:ILE:HG21	1:97:A:ASP:H	4	1.03
(11,94)	1:95:A:ILE:HG22	1:97:A:ASP:H	4	1.03
(11,94)	1:95:A:ILE:HG23	1:97:A:ASP:H	4	1.03
(11,34)	1:95:A:ILE:HA	1:96:A:VAL:H	17	1.03
(9,1941)	1:10:A:ASN:HD21	1:81:A:GLU:H	13	1.03
(9,1941)	1:10:A:ASN:HD22	1:81:A:GLU:H	13	1.03
(9,1904)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	11	1.03
(9,1904)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	11	1.03
(9,1904)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	11	1.03
(9,1904)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	11	1.03
(9,1763)	1:65:A:CYS:HB2	1:69:A:MET:HE1	12	1.03
(9,1763)	1:65:A:CYS:HB2	1:69:A:MET:HE2	12	1.03
(9,1763)	1:65:A:CYS:HB2	1:69:A:MET:HE3	12	1.03
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	3	1.03
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	3	1.03
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	3	1.03
(9,1370)	1:132:A:ALA:HA	1:134:A:VAL:HG11	2	1.03
(9,1370)	1:132:A:ALA:HA	1:134:A:VAL:HG12	2	1.03
(9,1370)	1:132:A:ALA:HA	1:134:A:VAL:HG13	2	1.03
(9,1173)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	17	1.03
(9,1173)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	17	1.03
(9,1173)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	17	1.03
(9,1173)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	17	1.03
(9,1173)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	17	1.03
(9,1173)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	17	1.03
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD11	19	1.03
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD12	19	1.03
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD13	19	1.03
(9,696)	1:144:A:LEU:HD11	1:147:A:ARG:HE	10	1.03
(9,696)	1:144:A:LEU:HD12	1:147:A:ARG:HE	10	1.03
(9,696)	1:144:A:LEU:HD13	1:147:A:ARG:HE	10	1.03
(9,674)	1:18:A:PHE:HB3	1:132:A:ALA:H	18	1.03
(9,143)	1:59:A:CYS:H	1:60:A:LEU:HD21	5	1.03
(9,143)	1:59:A:CYS:H	1:60:A:LEU:HD22	5	1.03
(9,143)	1:59:A:CYS:H	1:60:A:LEU:HD23	5	1.03
(7,2197)	1:63:A:ILE:HG12	1:117:A:VAL:H	14	1.03
(7,2197)	1:63:A:ILE:HG13	1:117:A:VAL:H	14	1.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2121)	1:43:A:MET:HE1	1:46:A:ASN:HD21	2	1.03
(7,2121)	1:43:A:MET:HE1	1:46:A:ASN:HD22	2	1.03
(7,2121)	1:43:A:MET:HE2	1:46:A:ASN:HD21	2	1.03
(7,2121)	1:43:A:MET:HE2	1:46:A:ASN:HD22	2	1.03
(7,2121)	1:43:A:MET:HE3	1:46:A:ASN:HD21	2	1.03
(7,2121)	1:43:A:MET:HE3	1:46:A:ASN:HD22	2	1.03
(7,1997)	1:23:A:LEU:HD11	1:27:A:ARG:HA	4	1.03
(7,1997)	1:23:A:LEU:HD12	1:27:A:ARG:HA	4	1.03
(7,1997)	1:23:A:LEU:HD13	1:27:A:ARG:HA	4	1.03
(7,1997)	1:23:A:LEU:HD21	1:27:A:ARG:HA	4	1.03
(7,1997)	1:23:A:LEU:HD22	1:27:A:ARG:HA	4	1.03
(7,1997)	1:23:A:LEU:HD23	1:27:A:ARG:HA	4	1.03
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD11	17	1.03
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD12	17	1.03
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD13	17	1.03
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD21	17	1.03
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD22	17	1.03
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD23	17	1.03
(7,1251)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	17	1.03
(7,1251)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	17	1.03
(7,1251)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	17	1.03
(7,1213)	1:21:A:THR:HG21	1:23:A:LEU:HA	7	1.03
(7,1213)	1:21:A:THR:HG22	1:23:A:LEU:HA	7	1.03
(7,1213)	1:21:A:THR:HG23	1:23:A:LEU:HA	7	1.03
(7,971)	1:12:A:VAL:HB	1:40:A:LEU:H	15	1.03
(7,92)	1:95:A:ILE:HG21	1:97:A:ASP:H	2	1.03
(7,92)	1:95:A:ILE:HG22	1:97:A:ASP:H	2	1.03
(7,92)	1:95:A:ILE:HG23	1:97:A:ASP:H	2	1.03
(7,29)	1:95:A:ILE:HA	1:96:A:VAL:H	17	1.03
(6,2362)	1:115:A:ALA:H	1:116:A:GLN:HE21	19	1.03
(6,2362)	1:115:A:ALA:H	1:116:A:GLN:HE22	19	1.03
(6,2209)	1:60:A:LEU:HG	1:61:A:SER:HB2	11	1.03
(6,2209)	1:60:A:LEU:HG	1:61:A:SER:HB3	11	1.03
(6,2149)	1:43:A:MET:HE1	1:46:A:ASN:HD21	2	1.03
(6,2149)	1:43:A:MET:HE1	1:46:A:ASN:HD22	2	1.03
(6,2149)	1:43:A:MET:HE2	1:46:A:ASN:HD21	2	1.03
(6,2149)	1:43:A:MET:HE2	1:46:A:ASN:HD22	2	1.03
(6,2149)	1:43:A:MET:HE3	1:46:A:ASN:HD21	2	1.03
(6,2149)	1:43:A:MET:HE3	1:46:A:ASN:HD22	2	1.03
(6,1911)	1:18:A:PHE:HA	1:113:A:PHE:HE1	7	1.03
(6,1911)	1:18:A:PHE:HA	1:113:A:PHE:HE2	7	1.03
(6,1862)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	16	1.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	3	1.03
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	3	1.03
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	3	1.03
(6,1229)	1:21:A:THR:HG21	1:23:A:LEU:HA	7	1.03
(6,1229)	1:21:A:THR:HG22	1:23:A:LEU:HA	7	1.03
(6,1229)	1:21:A:THR:HG23	1:23:A:LEU:HA	7	1.03
(6,1187)	1:100:A:ALA:HA	1:119:A:LEU:HD21	8	1.03
(6,1187)	1:100:A:ALA:HA	1:119:A:LEU:HD22	8	1.03
(6,1187)	1:100:A:ALA:HA	1:119:A:LEU:HD23	8	1.03
(6,673)	1:18:A:PHE:HB3	1:132:A:ALA:H	18	1.03
(6,142)	1:59:A:CYS:H	1:60:A:LEU:HD21	5	1.03
(6,142)	1:59:A:CYS:H	1:60:A:LEU:HD22	5	1.03
(6,142)	1:59:A:CYS:H	1:60:A:LEU:HD23	5	1.03
(6,38)	1:98:A:ILE:H	1:105:A:LYS:HA	7	1.03
(6,28)	1:95:A:ILE:HA	1:96:A:VAL:H	17	1.03
(5,2065)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	9	1.03
(5,2065)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	9	1.03
(5,2065)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	9	1.03
(5,2065)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	9	1.03
(5,2065)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	9	1.03
(5,2065)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	9	1.03
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	13	1.03
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	13	1.03
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	13	1.03
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	13	1.03
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	13	1.03
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	13	1.03
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	13	1.03
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	13	1.03
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	13	1.03
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	13	1.03
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	13	1.03
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	13	1.03
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	8	1.03
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	8	1.03
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	8	1.03
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD21	8	1.03
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD22	8	1.03
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD23	8	1.03
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	8	1.03
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	8	1.03
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	8	1.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD21	8	1.03
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD22	8	1.03
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD23	8	1.03
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	8	1.03
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	8	1.03
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	8	1.03
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD21	8	1.03
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD22	8	1.03
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD23	8	1.03
(5,1892)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	8	1.03
(5,1892)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	8	1.03
(5,1892)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	15	1.03
(5,1892)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	15	1.03
(5,1846)	1:9:A:PHE:HZ	1:54:A:ARG:HE	9	1.03
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	1	1.03
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	1	1.03
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	1	1.03
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	1	1.03
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	1	1.03
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	1	1.03
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	1	1.03
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	1	1.03
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	1	1.03
(5,1663)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	8	1.03
(5,1663)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	8	1.03
(5,1663)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	8	1.03
(5,1663)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	8	1.03
(5,1663)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	8	1.03
(5,1663)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	8	1.03
(5,1623)	1:73:A:ILE:HG21	1:111:A:GLU:H	4	1.03
(5,1623)	1:73:A:ILE:HG22	1:111:A:GLU:H	4	1.03
(5,1623)	1:73:A:ILE:HG23	1:111:A:GLU:H	4	1.03
(5,1589)	1:58:A:ILE:HD11	1:61:A:SER:H	19	1.03
(5,1589)	1:58:A:ILE:HD12	1:61:A:SER:H	19	1.03
(5,1589)	1:58:A:ILE:HD13	1:61:A:SER:H	19	1.03
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG21	3	1.03
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG22	3	1.03
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG23	3	1.03
(5,1296)	1:14:A:VAL:HG21	1:60:A:LEU:H	8	1.03
(5,1296)	1:14:A:VAL:HG22	1:60:A:LEU:H	8	1.03
(5,1296)	1:14:A:VAL:HG23	1:60:A:LEU:H	8	1.03
(5,1182)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	17	1.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1182)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	17	1.03
(5,1182)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	17	1.03
(5,1182)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	17	1.03
(5,1182)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	17	1.03
(5,1182)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	17	1.03
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD11	19	1.03
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD12	19	1.03
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD13	19	1.03
(5,1073)	1:14:A:VAL:HG21	1:61:A:SER:HA	8	1.03
(5,1073)	1:14:A:VAL:HG22	1:61:A:SER:HA	8	1.03
(5,1073)	1:14:A:VAL:HG23	1:61:A:SER:HA	8	1.03
(5,936)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	16	1.03
(5,936)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	16	1.03
(5,892)	1:69:A:MET:HE1	1:73:A:ILE:HB	8	1.03
(5,892)	1:69:A:MET:HE2	1:73:A:ILE:HB	8	1.03
(5,892)	1:69:A:MET:HE3	1:73:A:ILE:HB	8	1.03
(5,884)	1:124:A:THR:H	1:127:A:CYS:HB2	2	1.03
(5,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	4	1.03
(5,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	4	1.03
(5,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	4	1.03
(5,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	4	1.03
(5,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	4	1.03
(5,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	4	1.03
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	15	1.03
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	15	1.03
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	15	1.03
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	15	1.03
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	15	1.03
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	15	1.03
(5,630)	1:9:A:PHE:HE1	1:15:A:ALA:H	12	1.03
(5,630)	1:9:A:PHE:HE2	1:15:A:ALA:H	12	1.03
(5,31)	1:95:A:ILE:HA	1:96:A:VAL:H	17	1.03
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD11	4	1.03
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD12	4	1.03
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD13	4	1.03
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD21	4	1.03
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD22	4	1.03
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD23	4	1.03
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	13	1.03
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	13	1.03
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	13	1.03
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	13	1.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	13	1.03
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	13	1.03
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	13	1.03
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	13	1.03
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	13	1.03
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	13	1.03
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	13	1.03
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	13	1.03
(4,1867)	1:18:A:PHE:HE1	1:61:A:SER:H	13	1.03
(4,1867)	1:18:A:PHE:HE2	1:61:A:SER:H	13	1.03
(4,1843)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	17	1.03
(4,1843)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	17	1.03
(4,1752)	1:65:A:CYS:HB2	1:69:A:MET:HE1	12	1.03
(4,1752)	1:65:A:CYS:HB2	1:69:A:MET:HE2	12	1.03
(4,1752)	1:65:A:CYS:HB2	1:69:A:MET:HE3	12	1.03
(4,1389)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	13	1.03
(4,1389)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	13	1.03
(4,1389)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	13	1.03
(4,1212)	1:21:A:THR:HG21	1:23:A:LEU:HA	7	1.03
(4,1212)	1:21:A:THR:HG22	1:23:A:LEU:HA	7	1.03
(4,1212)	1:21:A:THR:HG23	1:23:A:LEU:HA	7	1.03
(4,918)	1:125:A:THR:HB	1:128:A:LEU:HG	19	1.03
(4,885)	1:124:A:THR:H	1:127:A:CYS:HB2	2	1.03
(4,749)	1:37:A:LEU:H	1:40:A:LEU:HB3	11	1.03
(4,32)	1:95:A:ILE:HA	1:96:A:VAL:H	17	1.03
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	13	1.03
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	13	1.03
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	13	1.03
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	13	1.03
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	13	1.03
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	13	1.03
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	13	1.03
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	13	1.03
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	13	1.03
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	13	1.03
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	13	1.03
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	13	1.03
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG2	7	1.03
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG3	7	1.03
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG2	7	1.03
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG3	7	1.03
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG2	7	1.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG3	7	1.03
(3,980)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	2	1.03
(3,980)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	2	1.03
(3,980)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	17	1.03
(3,980)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	17	1.03
(3,848)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	3	1.03
(3,848)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	3	1.03
(3,848)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	3	1.03
(3,848)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	3	1.03
(3,848)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	3	1.03
(3,848)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	3	1.03
(3,772)	1:37:A:LEU:H	1:40:A:LEU:HB3	11	1.03
(3,623)	1:26:A:ASP:H	1:30:A:LEU:HD11	11	1.03
(3,623)	1:26:A:ASP:H	1:30:A:LEU:HD12	11	1.03
(3,623)	1:26:A:ASP:H	1:30:A:LEU:HD13	11	1.03
(3,623)	1:26:A:ASP:H	1:30:A:LEU:HD21	11	1.03
(3,623)	1:26:A:ASP:H	1:30:A:LEU:HD22	11	1.03
(3,623)	1:26:A:ASP:H	1:30:A:LEU:HD23	11	1.03
(3,425)	1:100:A:ALA:H	1:119:A:LEU:HB3	18	1.03
(3,32)	1:95:A:ILE:HA	1:96:A:VAL:H	17	1.03
(2,2077)	1:31:A:PRO:HD2	1:143:A:TRP:HA	16	1.03
(2,2077)	1:31:A:PRO:HD3	1:143:A:TRP:HA	16	1.03
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	13	1.03
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	13	1.03
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	13	1.03
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	13	1.03
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	13	1.03
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	13	1.03
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	13	1.03
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	13	1.03
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	13	1.03
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	13	1.03
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	13	1.03
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	13	1.03
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	15	1.03
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	15	1.03
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	15	1.03
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	15	1.03
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	15	1.03
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	15	1.03
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	15	1.03
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	15	1.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	15	1.03
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	15	1.03
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	15	1.03
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	15	1.03
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	15	1.03
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	15	1.03
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	15	1.03
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	15	1.03
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	15	1.03
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	15	1.03
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	15	1.03
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	15	1.03
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	15	1.03
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	15	1.03
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	15	1.03
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	15	1.03
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	15	1.03
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	15	1.03
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	15	1.03
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	15	1.03
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	15	1.03
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	15	1.03
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	15	1.03
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	15	1.03
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	15	1.03
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	15	1.03
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	15	1.03
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	15	1.03
(2,1979)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	8	1.03
(2,1979)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	8	1.03
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB2	5	1.03
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB3	5	1.03
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB2	5	1.03
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB3	5	1.03
(2,1788)	1:65:A:CYS:HB2	1:69:A:MET:HE1	12	1.03
(2,1788)	1:65:A:CYS:HB2	1:69:A:MET:HE2	12	1.03
(2,1788)	1:65:A:CYS:HB2	1:69:A:MET:HE3	12	1.03
(2,1644)	1:13:A:ALA:HA	1:80:A:TYR:HB3	1	1.03
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	10	1.03
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	10	1.03
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	10	1.03
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	10	1.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	10	1.03
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	10	1.03
(2,1401)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	2	1.03
(2,1401)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	2	1.03
(2,1401)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	2	1.03
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	19	1.03
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	19	1.03
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	19	1.03
(2,1078)	1:48:A:ARG:HG2	1:49:A:LYS:HA	3	1.03
(2,1078)	1:48:A:ARG:HG3	1:49:A:LYS:HA	3	1.03
(2,978)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	1	1.03
(2,978)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	1	1.03
(2,889)	1:124:A:THR:H	1:127:A:CYS:HB2	2	1.03
(2,142)	1:59:A:CYS:H	1:60:A:LEU:HD21	5	1.03
(2,142)	1:59:A:CYS:H	1:60:A:LEU:HD22	5	1.03
(2,142)	1:59:A:CYS:H	1:60:A:LEU:HD23	5	1.03
(2,72)	1:54:A:ARG:H	1:54:A:ARG:HE	19	1.03
(1,1880)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	8	1.03
(1,1880)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	8	1.03
(1,1880)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	15	1.03
(1,1880)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	15	1.03
(1,1412)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	13	1.03
(1,1412)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	13	1.03
(1,1412)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	13	1.03
(1,1274)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	17	1.03
(1,1274)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	17	1.03
(1,1274)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	17	1.03
(1,1118)	1:18:A:PHE:HA	1:113:A:PHE:HZ	10	1.03
(1,1035)	1:113:A:PHE:HA	1:116:A:GLN:HG3	7	1.03
(1,1010)	1:102:A:PRO:HA	1:105:A:LYS:HB2	9	1.03
(1,1010)	1:102:A:PRO:HA	1:105:A:LYS:HB3	9	1.03
(1,991)	1:11:A:ILE:HG12	1:14:A:VAL:HB	15	1.03
(1,939)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	2	1.03
(1,939)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	2	1.03
(1,939)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	2	1.03
(1,910)	1:124:A:THR:H	1:127:A:CYS:HB2	2	1.03
(1,852)	1:45:A:ALA:HA	1:48:A:ARG:HD2	4	1.03
(1,852)	1:45:A:ALA:HA	1:48:A:ARG:HD3	4	1.03
(1,648)	1:66:A:THR:H	1:96:A:VAL:H	2	1.03
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	16	1.02
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	16	1.02
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	16	1.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	16	1.02
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	16	1.02
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	16	1.02
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	16	1.02
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	16	1.02
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	16	1.02
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	16	1.02
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	16	1.02
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	16	1.02
(34,2032)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	12	1.02
(34,2032)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	12	1.02
(34,2032)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	12	1.02
(34,2032)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	12	1.02
(34,2032)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	12	1.02
(34,2032)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	12	1.02
(34,2032)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	12	1.02
(34,2032)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	12	1.02
(34,2032)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	12	1.02
(34,2032)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	12	1.02
(34,2032)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	12	1.02
(34,2032)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	12	1.02
(34,1994)	1:14:A:VAL:HG11	1:18:A:PHE:HA	9	1.02
(34,1994)	1:14:A:VAL:HG12	1:18:A:PHE:HA	9	1.02
(34,1994)	1:14:A:VAL:HG13	1:18:A:PHE:HA	9	1.02
(34,1994)	1:14:A:VAL:HG21	1:18:A:PHE:HA	9	1.02
(34,1994)	1:14:A:VAL:HG22	1:18:A:PHE:HA	9	1.02
(34,1994)	1:14:A:VAL:HG23	1:18:A:PHE:HA	9	1.02
(34,1980)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	19	1.02
(34,1980)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	19	1.02
(34,1980)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	19	1.02
(34,1980)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	19	1.02
(34,1980)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	19	1.02
(34,1980)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	19	1.02
(34,1980)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	19	1.02
(34,1980)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	19	1.02
(34,1980)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	19	1.02
(34,1980)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	19	1.02
(34,1980)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	19	1.02
(34,1980)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	19	1.02
(34,1977)	1:12:A:VAL:HG11	1:79:A:THR:HA	16	1.02
(34,1977)	1:12:A:VAL:HG12	1:79:A:THR:HA	16	1.02
(34,1977)	1:12:A:VAL:HG13	1:79:A:THR:HA	16	1.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1977)	1:12:A:VAL:HG21	1:79:A:THR:HA	16	1.02
(34,1977)	1:12:A:VAL:HG22	1:79:A:THR:HA	16	1.02
(34,1977)	1:12:A:VAL:HG23	1:79:A:THR:HA	16	1.02
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	11	1.02
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	11	1.02
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	11	1.02
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	11	1.02
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	11	1.02
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	11	1.02
(34,1903)	1:18:A:PHE:HE1	1:57:A:LEU:HG	9	1.02
(34,1903)	1:18:A:PHE:HE2	1:57:A:LEU:HG	9	1.02
(34,1902)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	1	1.02
(34,1902)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	1	1.02
(34,1902)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	1	1.02
(34,1902)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	1	1.02
(34,1902)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	1	1.02
(34,1902)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	1	1.02
(34,1796)	1:13:A:ALA:H	1:80:A:TYR:HD1	12	1.02
(34,1796)	1:13:A:ALA:H	1:80:A:TYR:HD2	12	1.02
(34,1495)	1:101:A:ILE:HG21	1:116:A:GLN:H	19	1.02
(34,1495)	1:101:A:ILE:HG22	1:116:A:GLN:H	19	1.02
(34,1495)	1:101:A:ILE:HG23	1:116:A:GLN:H	19	1.02
(34,1490)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	11	1.02
(34,1490)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	12	1.02
(34,1308)	1:15:A:ALA:HA	1:131:A:LEU:HG	18	1.02
(34,1294)	1:11:A:ILE:HG21	1:15:A:ALA:HA	3	1.02
(34,1294)	1:11:A:ILE:HG22	1:15:A:ALA:HA	3	1.02
(34,1294)	1:11:A:ILE:HG23	1:15:A:ALA:HA	3	1.02
(34,1018)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	12	1.02
(34,1018)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	12	1.02
(34,876)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	18	1.02
(34,876)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	18	1.02
(34,876)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	18	1.02
(34,45)	1:98:A:ILE:H	1:104:A:PHE:HB2	3	1.02
(34,45)	1:98:A:ILE:H	1:104:A:PHE:HB3	3	1.02
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	18	1.02
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	18	1.02
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	18	1.02
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	18	1.02
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	18	1.02
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	18	1.02
(33,1784)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	16	1.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1784)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	16	1.02
(33,1784)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	16	1.02
(33,1784)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	16	1.02
(33,1286)	1:15:A:ALA:HA	1:131:A:LEU:HG	18	1.02
(33,375)	1:41:A:LYS:H	1:44:A:GLU:HG2	9	1.02
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG2	13	1.02
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	13	1.02
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG2	13	1.02
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	13	1.02
(32,2134)	1:43:A:MET:HE1	1:46:A:ASN:HB2	17	1.02
(32,2134)	1:43:A:MET:HE1	1:46:A:ASN:HB3	17	1.02
(32,2134)	1:43:A:MET:HE2	1:46:A:ASN:HB2	17	1.02
(32,2134)	1:43:A:MET:HE2	1:46:A:ASN:HB3	17	1.02
(32,2134)	1:43:A:MET:HE3	1:46:A:ASN:HB2	17	1.02
(32,2134)	1:43:A:MET:HE3	1:46:A:ASN:HB3	17	1.02
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD11	17	1.02
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD12	17	1.02
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD13	17	1.02
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD21	17	1.02
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD22	17	1.02
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD23	17	1.02
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD11	17	1.02
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD12	17	1.02
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD13	17	1.02
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD21	17	1.02
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD22	17	1.02
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD23	17	1.02
(32,1981)	1:17:A:ASN:HB2	1:76:A:ARG:HA	13	1.02
(32,1981)	1:17:A:ASN:HB3	1:76:A:ARG:HA	13	1.02
(32,1862)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	1	1.02
(32,1862)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	1	1.02
(32,1862)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	1	1.02
(32,1862)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	1	1.02
(32,1862)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	1	1.02
(32,1862)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	1	1.02
(32,1724)	1:141:A:LYS:HA	1:149:A:ALA:H	11	1.02
(32,1707)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	18	1.02
(32,1707)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	18	1.02
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD21	12	1.02
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD22	12	1.02
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD23	12	1.02
(32,1248)	1:15:A:ALA:HA	1:131:A:LEU:HG	18	1.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,781)	1:63:A:ILE:HD11	1:116:A:GLN:HE21	19	1.02
(32,781)	1:63:A:ILE:HD12	1:116:A:GLN:HE21	19	1.02
(32,781)	1:63:A:ILE:HD13	1:116:A:GLN:HE21	19	1.02
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD11	8	1.02
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD12	8	1.02
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD13	8	1.02
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD21	8	1.02
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD22	8	1.02
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD23	8	1.02
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	17	1.02
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	17	1.02
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	17	1.02
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	17	1.02
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	17	1.02
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	17	1.02
(30,2084)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	9	1.02
(30,2084)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	9	1.02
(30,2084)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	9	1.02
(30,2084)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	9	1.02
(30,2084)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	9	1.02
(30,2084)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	9	1.02
(30,1908)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	3	1.02
(30,1908)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	3	1.02
(30,1908)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	3	1.02
(30,1908)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	3	1.02
(30,1898)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	1	1.02
(30,1898)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	1	1.02
(30,1898)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	1	1.02
(30,1898)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	1	1.02
(30,1898)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	1	1.02
(30,1898)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	1	1.02
(30,1478)	1:101:A:ILE:HG21	1:116:A:GLN:H	19	1.02
(30,1478)	1:101:A:ILE:HG22	1:116:A:GLN:H	19	1.02
(30,1478)	1:101:A:ILE:HG23	1:116:A:GLN:H	19	1.02
(30,1274)	1:15:A:ALA:HA	1:131:A:LEU:HG	18	1.02
(30,677)	1:18:A:PHE:HB3	1:132:A:ALA:H	13	1.02
(30,629)	1:9:A:PHE:HZ	1:58:A:ILE:H	12	1.02
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD11	8	1.02
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD12	8	1.02
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD13	8	1.02
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD21	8	1.02
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD22	8	1.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD23	8	1.02
(29,2062)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	10	1.02
(29,2062)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	10	1.02
(29,2062)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	10	1.02
(29,2062)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	10	1.02
(29,2062)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	10	1.02
(29,2062)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	10	1.02
(29,2062)	1:27:A:ARG:HB3	1:30:A:LEU:HD11	10	1.02
(29,2062)	1:27:A:ARG:HB3	1:30:A:LEU:HD12	10	1.02
(29,2062)	1:27:A:ARG:HB3	1:30:A:LEU:HD13	10	1.02
(29,2062)	1:27:A:ARG:HB3	1:30:A:LEU:HD21	10	1.02
(29,2062)	1:27:A:ARG:HB3	1:30:A:LEU:HD22	10	1.02
(29,2062)	1:27:A:ARG:HB3	1:30:A:LEU:HD23	10	1.02
(29,1920)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	1	1.02
(29,1920)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	1	1.02
(29,1915)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	1	1.02
(29,1915)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	1	1.02
(29,1915)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	1	1.02
(29,1915)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	1	1.02
(29,1915)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	1	1.02
(29,1915)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	1	1.02
(29,1804)	1:13:A:ALA:H	1:80:A:TYR:HD1	12	1.02
(29,1804)	1:13:A:ALA:H	1:80:A:TYR:HD2	12	1.02
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE1	3	1.02
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE2	3	1.02
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE3	3	1.02
(29,1488)	1:101:A:ILE:HG21	1:116:A:GLN:H	19	1.02
(29,1488)	1:101:A:ILE:HG22	1:116:A:GLN:H	19	1.02
(29,1488)	1:101:A:ILE:HG23	1:116:A:GLN:H	19	1.02
(29,1382)	1:47:A:ALA:H	1:134:A:VAL:HG11	19	1.02
(29,1382)	1:47:A:ALA:H	1:134:A:VAL:HG12	19	1.02
(29,1382)	1:47:A:ALA:H	1:134:A:VAL:HG13	19	1.02
(29,1290)	1:15:A:ALA:HA	1:131:A:LEU:HG	18	1.02
(29,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	17	1.02
(29,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	17	1.02
(29,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	17	1.02
(29,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	17	1.02
(29,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	17	1.02
(29,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	17	1.02
(29,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	19	1.02
(29,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	19	1.02
(29,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	19	1.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	19	1.02
(29,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	19	1.02
(29,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	19	1.02
(29,832)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	3	1.02
(29,832)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	3	1.02
(29,832)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	3	1.02
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD11	9	1.02
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD12	9	1.02
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD13	9	1.02
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD21	9	1.02
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD22	9	1.02
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD23	9	1.02
(18,1974)	1:12:A:VAL:HG11	1:43:A:MET:H	10	1.02
(18,1974)	1:12:A:VAL:HG12	1:43:A:MET:H	10	1.02
(18,1974)	1:12:A:VAL:HG13	1:43:A:MET:H	10	1.02
(18,1974)	1:12:A:VAL:HG21	1:43:A:MET:H	10	1.02
(18,1974)	1:12:A:VAL:HG22	1:43:A:MET:H	10	1.02
(18,1974)	1:12:A:VAL:HG23	1:43:A:MET:H	10	1.02
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD11	13	1.02
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD12	13	1.02
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD13	13	1.02
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD21	13	1.02
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD22	13	1.02
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD23	13	1.02
(18,1892)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	1	1.02
(18,1892)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	1	1.02
(18,1744)	1:141:A:LYS:HA	1:149:A:ALA:H	11	1.02
(18,1705)	1:79:A:THR:HG21	1:81:A:GLU:HB3	14	1.02
(18,1705)	1:79:A:THR:HG22	1:81:A:GLU:HB3	14	1.02
(18,1705)	1:79:A:THR:HG23	1:81:A:GLU:HB3	14	1.02
(18,516)	1:101:A:ILE:HD11	1:105:A:LYS:H	7	1.02
(18,516)	1:101:A:ILE:HD12	1:105:A:LYS:H	7	1.02
(18,516)	1:101:A:ILE:HD13	1:105:A:LYS:H	7	1.02
(18,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	12	1.02
(18,47)	1:98:A:ILE:H	1:104:A:PHE:HB3	3	1.02
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	1	1.02
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	1	1.02
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	1	1.02
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	1	1.02
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	1	1.02
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	1	1.02
(17,1866)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	12	1.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1866)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	12	1.02
(17,1866)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	12	1.02
(17,1866)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	12	1.02
(17,1796)	1:13:A:ALA:H	1:80:A:TYR:HD1	12	1.02
(17,1796)	1:13:A:ALA:H	1:80:A:TYR:HD2	12	1.02
(17,1502)	1:101:A:ILE:HG21	1:116:A:GLN:H	19	1.02
(17,1502)	1:101:A:ILE:HG22	1:116:A:GLN:H	19	1.02
(17,1502)	1:101:A:ILE:HG23	1:116:A:GLN:H	19	1.02
(17,1497)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	11	1.02
(17,1497)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	12	1.02
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	15	1.02
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	15	1.02
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	15	1.02
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	15	1.02
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	15	1.02
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	15	1.02
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	15	1.02
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	15	1.02
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	15	1.02
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD21	19	1.02
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD22	19	1.02
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD23	19	1.02
(17,1097)	1:141:A:LYS:HA	1:149:A:ALA:HB1	7	1.02
(17,1097)	1:141:A:LYS:HA	1:149:A:ALA:HB2	7	1.02
(17,1097)	1:141:A:LYS:HA	1:149:A:ALA:HB3	7	1.02
(17,1050)	1:11:A:ILE:HA	1:14:A:VAL:HB	14	1.02
(17,999)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	6	1.02
(17,999)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	6	1.02
(17,999)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	8	1.02
(17,999)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	8	1.02
(17,475)	1:147:A:ARG:HD2	1:148:A:CYS:H	12	1.02
(17,475)	1:147:A:ARG:HD3	1:148:A:CYS:H	12	1.02
(17,436)	1:68:A:LYS:H	1:70:A:LYS:HG2	12	1.02
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG2	14	1.02
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG3	14	1.02
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD11	19	1.02
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD12	19	1.02
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD13	19	1.02
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD21	19	1.02
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD22	19	1.02
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD23	19	1.02
(16,2083)	1:35:A:LEU:HD11	1:38:A:GLU:H	13	1.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2083)	1:35:A:LEU:HD12	1:38:A:GLU:H	13	1.02
(16,2083)	1:35:A:LEU:HD13	1:38:A:GLU:H	13	1.02
(16,2083)	1:35:A:LEU:HD21	1:38:A:GLU:H	13	1.02
(16,2083)	1:35:A:LEU:HD22	1:38:A:GLU:H	13	1.02
(16,2083)	1:35:A:LEU:HD23	1:38:A:GLU:H	13	1.02
(16,1891)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	14	1.02
(16,1891)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	14	1.02
(16,1891)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	14	1.02
(16,1891)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	14	1.02
(16,1891)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	14	1.02
(16,1891)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	14	1.02
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD21	19	1.02
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD22	19	1.02
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD23	19	1.02
(16,1479)	1:101:A:ILE:HG21	1:116:A:GLN:H	19	1.02
(16,1479)	1:101:A:ILE:HG22	1:116:A:GLN:H	19	1.02
(16,1479)	1:101:A:ILE:HG23	1:116:A:GLN:H	19	1.02
(16,1473)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	11	1.02
(16,1473)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	12	1.02
(16,1279)	1:15:A:ALA:HA	1:131:A:LEU:HG	18	1.02
(16,1036)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	12	1.02
(16,1036)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	12	1.02
(16,445)	1:68:A:LYS:H	1:70:A:LYS:HG2	12	1.02
(16,43)	1:98:A:ILE:H	1:104:A:PHE:HB2	3	1.02
(16,43)	1:98:A:ILE:H	1:104:A:PHE:HB3	3	1.02
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	7	1.02
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	7	1.02
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	7	1.02
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	7	1.02
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	7	1.02
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	7	1.02
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	1	1.02
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	1	1.02
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	1	1.02
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	1	1.02
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	1	1.02
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	1	1.02
(15,2100)	1:40:A:LEU:HA	1:44:A:GLU:HG2	9	1.02
(15,2100)	1:40:A:LEU:HA	1:44:A:GLU:HG3	9	1.02
(15,1983)	1:16:A:SER:HB2	1:19:A:ALA:HB1	11	1.02
(15,1983)	1:16:A:SER:HB2	1:19:A:ALA:HB2	11	1.02
(15,1983)	1:16:A:SER:HB2	1:19:A:ALA:HB3	11	1.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1983)	1:16:A:SER:HB3	1:19:A:ALA:HB1	11	1.02
(15,1983)	1:16:A:SER:HB3	1:19:A:ALA:HB2	11	1.02
(15,1983)	1:16:A:SER:HB3	1:19:A:ALA:HB3	11	1.02
(15,1750)	1:141:A:LYS:HA	1:149:A:ALA:H	11	1.02
(15,1619)	1:13:A:ALA:HA	1:80:A:TYR:HB3	1	1.02
(15,1472)	1:101:A:ILE:HG21	1:116:A:GLN:H	19	1.02
(15,1472)	1:101:A:ILE:HG22	1:116:A:GLN:H	19	1.02
(15,1472)	1:101:A:ILE:HG23	1:116:A:GLN:H	19	1.02
(15,1468)	1:95:A:ILE:HG21	1:97:A:ASP:H	18	1.02
(15,1468)	1:95:A:ILE:HG22	1:97:A:ASP:H	18	1.02
(15,1468)	1:95:A:ILE:HG23	1:97:A:ASP:H	18	1.02
(15,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	12	1.02
(15,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	12	1.02
(15,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	12	1.02
(15,1279)	1:15:A:ALA:HA	1:131:A:LEU:HG	18	1.02
(15,1048)	1:11:A:ILE:HA	1:14:A:VAL:HB	14	1.02
(15,812)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	1	1.02
(15,812)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	1	1.02
(15,812)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	1	1.02
(13,2077)	1:40:A:LEU:HA	1:44:A:GLU:HG2	9	1.02
(13,2077)	1:40:A:LEU:HA	1:44:A:GLU:HG3	9	1.02
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD11	9	1.02
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD12	9	1.02
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD13	9	1.02
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD21	9	1.02
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD22	9	1.02
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD23	9	1.02
(13,1908)	1:10:A:ASN:HD21	1:80:A:TYR:HB3	16	1.02
(13,1908)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	16	1.02
(13,1854)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	1	1.02
(13,1854)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	1	1.02
(13,1854)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	1	1.02
(13,1854)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	1	1.02
(13,1854)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	1	1.02
(13,1854)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	1	1.02
(13,1850)	1:18:A:PHE:HE1	1:131:A:LEU:H	16	1.02
(13,1850)	1:18:A:PHE:HE2	1:131:A:LEU:H	16	1.02
(13,1745)	1:13:A:ALA:H	1:80:A:TYR:HD1	12	1.02
(13,1745)	1:13:A:ALA:H	1:80:A:TYR:HD2	12	1.02
(13,1728)	1:141:A:LYS:HA	1:149:A:ALA:H	11	1.02
(13,1595)	1:13:A:ALA:HA	1:80:A:TYR:HB3	19	1.02
(13,1453)	1:101:A:ILE:HG21	1:116:A:GLN:H	19	1.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1453)	1:101:A:ILE:HG22	1:116:A:GLN:H	19	1.02
(13,1453)	1:101:A:ILE:HG23	1:116:A:GLN:H	19	1.02
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD21	19	1.02
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD22	19	1.02
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD23	19	1.02
(13,1251)	1:15:A:ALA:HA	1:131:A:LEU:HG	18	1.02
(13,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB1	7	1.02
(13,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB2	7	1.02
(13,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB3	7	1.02
(13,1028)	1:11:A:ILE:HA	1:14:A:VAL:HB	14	1.02
(13,806)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	17	1.02
(13,806)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	17	1.02
(13,806)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	17	1.02
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD11	3	1.02
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD12	3	1.02
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD13	3	1.02
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD11	3	1.02
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD12	3	1.02
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD13	3	1.02
(11,2238)	1:66:A:THR:H	1:70:A:LYS:HD2	4	1.02
(11,2238)	1:66:A:THR:H	1:70:A:LYS:HD3	4	1.02
(11,2087)	1:35:A:LEU:HD11	1:38:A:GLU:H	13	1.02
(11,2087)	1:35:A:LEU:HD12	1:38:A:GLU:H	13	1.02
(11,2087)	1:35:A:LEU:HD13	1:38:A:GLU:H	13	1.02
(11,2087)	1:35:A:LEU:HD21	1:38:A:GLU:H	13	1.02
(11,2087)	1:35:A:LEU:HD22	1:38:A:GLU:H	13	1.02
(11,2087)	1:35:A:LEU:HD23	1:38:A:GLU:H	13	1.02
(11,1296)	1:15:A:ALA:HA	1:131:A:LEU:HG	18	1.02
(11,378)	1:41:A:LYS:H	1:44:A:GLU:HG2	9	1.02
(9,1961)	1:12:A:VAL:HG11	1:43:A:MET:HB2	5	1.02
(9,1961)	1:12:A:VAL:HG12	1:43:A:MET:HB2	5	1.02
(9,1961)	1:12:A:VAL:HG13	1:43:A:MET:HB2	5	1.02
(9,1961)	1:12:A:VAL:HG21	1:43:A:MET:HB2	5	1.02
(9,1961)	1:12:A:VAL:HG22	1:43:A:MET:HB2	5	1.02
(9,1961)	1:12:A:VAL:HG23	1:43:A:MET:HB2	5	1.02
(9,1961)	1:12:A:VAL:HG11	1:43:A:MET:HB3	5	1.02
(9,1961)	1:12:A:VAL:HG12	1:43:A:MET:HB3	5	1.02
(9,1961)	1:12:A:VAL:HG13	1:43:A:MET:HB3	5	1.02
(9,1961)	1:12:A:VAL:HG21	1:43:A:MET:HB3	5	1.02
(9,1961)	1:12:A:VAL:HG22	1:43:A:MET:HB3	5	1.02
(9,1961)	1:12:A:VAL:HG23	1:43:A:MET:HB3	5	1.02
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD11	4	1.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD12	4	1.02
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD13	4	1.02
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD21	4	1.02
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD22	4	1.02
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD23	4	1.02
(9,1895)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	1	1.02
(9,1895)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	1	1.02
(9,1895)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	1	1.02
(9,1895)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	1	1.02
(9,1895)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	1	1.02
(9,1895)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	1	1.02
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB1	6	1.02
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB2	6	1.02
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB3	6	1.02
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB1	6	1.02
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB2	6	1.02
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB3	6	1.02
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE1	16	1.02
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE2	16	1.02
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE3	16	1.02
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE1	16	1.02
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE2	16	1.02
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE3	16	1.02
(9,1474)	1:101:A:ILE:HG21	1:116:A:GLN:H	19	1.02
(9,1474)	1:101:A:ILE:HG22	1:116:A:GLN:H	19	1.02
(9,1474)	1:101:A:ILE:HG23	1:116:A:GLN:H	19	1.02
(9,1278)	1:15:A:ALA:HA	1:131:A:LEU:HG	18	1.02
(9,917)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	8	1.02
(9,917)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	8	1.02
(9,917)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	8	1.02
(9,674)	1:18:A:PHE:HB3	1:132:A:ALA:H	13	1.02
(7,2423)	1:134:A:VAL:HG11	1:137:A:SER:H	13	1.02
(7,2423)	1:134:A:VAL:HG12	1:137:A:SER:H	13	1.02
(7,2423)	1:134:A:VAL:HG13	1:137:A:SER:H	13	1.02
(7,2423)	1:134:A:VAL:HG21	1:137:A:SER:H	13	1.02
(7,2423)	1:134:A:VAL:HG22	1:137:A:SER:H	13	1.02
(7,2423)	1:134:A:VAL:HG23	1:137:A:SER:H	13	1.02
(7,2301)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	3	1.02
(7,2301)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	3	1.02
(7,2120)	1:43:A:MET:HE1	1:46:A:ASN:HB2	17	1.02
(7,2120)	1:43:A:MET:HE1	1:46:A:ASN:HB3	17	1.02
(7,2120)	1:43:A:MET:HE2	1:46:A:ASN:HB2	17	1.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2120)	1:43:A:MET:HE2	1:46:A:ASN:HB3	17	1.02
(7,2120)	1:43:A:MET:HE3	1:46:A:ASN:HB2	17	1.02
(7,2120)	1:43:A:MET:HE3	1:46:A:ASN:HB3	17	1.02
(7,2042)	1:35:A:LEU:HD11	1:38:A:GLU:H	13	1.02
(7,2042)	1:35:A:LEU:HD12	1:38:A:GLU:H	13	1.02
(7,2042)	1:35:A:LEU:HD13	1:38:A:GLU:H	13	1.02
(7,2042)	1:35:A:LEU:HD21	1:38:A:GLU:H	13	1.02
(7,2042)	1:35:A:LEU:HD22	1:38:A:GLU:H	13	1.02
(7,2042)	1:35:A:LEU:HD23	1:38:A:GLU:H	13	1.02
(7,1747)	1:13:A:ALA:H	1:80:A:TYR:HD1	12	1.02
(7,1747)	1:13:A:ALA:H	1:80:A:TYR:HD2	12	1.02
(7,1666)	1:43:A:MET:HE1	1:131:A:LEU:HA	17	1.02
(7,1666)	1:43:A:MET:HE2	1:131:A:LEU:HA	17	1.02
(7,1666)	1:43:A:MET:HE3	1:131:A:LEU:HA	17	1.02
(7,1457)	1:101:A:ILE:HG21	1:116:A:GLN:H	19	1.02
(7,1457)	1:101:A:ILE:HG22	1:116:A:GLN:H	19	1.02
(7,1457)	1:101:A:ILE:HG23	1:116:A:GLN:H	19	1.02
(7,629)	1:9:A:PHE:HZ	1:58:A:ILE:H	12	1.02
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	12	1.02
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	12	1.02
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	12	1.02
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	12	1.02
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	12	1.02
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	12	1.02
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	12	1.02
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	12	1.02
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	12	1.02
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	12	1.02
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	12	1.02
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	12	1.02
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	12	1.02
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	12	1.02
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	12	1.02
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	12	1.02
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	12	1.02
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	12	1.02
(6,1907)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	1	1.02
(6,1907)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	1	1.02
(6,1907)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	1	1.02
(6,1907)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	1	1.02
(6,1907)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	1	1.02
(6,1907)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	1	1.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1903)	1:18:A:PHE:HE1	1:131:A:LEU:H	16	1.02
(6,1903)	1:18:A:PHE:HE2	1:131:A:LEU:H	16	1.02
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB1	6	1.02
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB2	6	1.02
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB3	6	1.02
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB1	6	1.02
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB2	6	1.02
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB3	6	1.02
(6,1699)	1:43:A:MET:HE1	1:131:A:LEU:HA	17	1.02
(6,1699)	1:43:A:MET:HE2	1:131:A:LEU:HA	17	1.02
(6,1699)	1:43:A:MET:HE3	1:131:A:LEU:HA	17	1.02
(6,1449)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	7	1.02
(6,1449)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	7	1.02
(6,1449)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	7	1.02
(6,1268)	1:15:A:ALA:HA	1:131:A:LEU:HG	18	1.02
(6,869)	1:14:A:VAL:HA	1:18:A:PHE:HB2	11	1.02
(6,673)	1:18:A:PHE:HB3	1:132:A:ALA:H	13	1.02
(6,40)	1:98:A:ILE:H	1:104:A:PHE:HB3	3	1.02
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	7	1.02
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	7	1.02
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	7	1.02
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	7	1.02
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	7	1.02
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	7	1.02
(5,2059)	1:35:A:LEU:HD11	1:38:A:GLU:H	13	1.02
(5,2059)	1:35:A:LEU:HD12	1:38:A:GLU:H	13	1.02
(5,2059)	1:35:A:LEU:HD13	1:38:A:GLU:H	13	1.02
(5,2059)	1:35:A:LEU:HD21	1:38:A:GLU:H	13	1.02
(5,2059)	1:35:A:LEU:HD22	1:38:A:GLU:H	13	1.02
(5,2059)	1:35:A:LEU:HD23	1:38:A:GLU:H	13	1.02
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	13	1.02
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	13	1.02
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	13	1.02
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	13	1.02
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	13	1.02
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	13	1.02
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	9	1.02
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	9	1.02
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	9	1.02
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD21	9	1.02
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD22	9	1.02
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD23	9	1.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	9	1.02
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	9	1.02
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	9	1.02
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD21	9	1.02
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD22	9	1.02
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD23	9	1.02
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	9	1.02
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	9	1.02
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	9	1.02
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD21	9	1.02
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD22	9	1.02
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD23	9	1.02
(5,1919)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	1	1.02
(5,1919)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	1	1.02
(5,1919)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	1	1.02
(5,1919)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	1	1.02
(5,1919)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	1	1.02
(5,1919)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	1	1.02
(5,1917)	1:18:A:PHE:HE1	1:131:A:LEU:H	16	1.02
(5,1917)	1:18:A:PHE:HE2	1:131:A:LEU:H	16	1.02
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	12	1.02
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	12	1.02
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	12	1.02
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	12	1.02
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	12	1.02
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	12	1.02
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	12	1.02
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	12	1.02
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	12	1.02
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD11	9	1.02
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD12	9	1.02
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD13	9	1.02
(5,1496)	1:101:A:ILE:HG21	1:116:A:GLN:H	19	1.02
(5,1496)	1:101:A:ILE:HG22	1:116:A:GLN:H	19	1.02
(5,1496)	1:101:A:ILE:HG23	1:116:A:GLN:H	19	1.02
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD11	15	1.02
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD12	15	1.02
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD13	15	1.02
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD21	5	1.02
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD22	5	1.02
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD23	5	1.02
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD21	5	1.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD22	5	1.02
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD23	5	1.02
(4,2428)	1:134:A:VAL:HG11	1:137:A:SER:H	13	1.02
(4,2428)	1:134:A:VAL:HG12	1:137:A:SER:H	13	1.02
(4,2428)	1:134:A:VAL:HG13	1:137:A:SER:H	13	1.02
(4,2428)	1:134:A:VAL:HG21	1:137:A:SER:H	13	1.02
(4,2428)	1:134:A:VAL:HG22	1:137:A:SER:H	13	1.02
(4,2428)	1:134:A:VAL:HG23	1:137:A:SER:H	13	1.02
(4,2289)	1:98:A:ILE:H	1:104:A:PHE:HB2	16	1.02
(4,2289)	1:98:A:ILE:H	1:104:A:PHE:HB3	16	1.02
(4,2145)	1:43:A:MET:HE1	1:46:A:ASN:HB2	17	1.02
(4,2145)	1:43:A:MET:HE1	1:46:A:ASN:HB3	17	1.02
(4,2145)	1:43:A:MET:HE2	1:46:A:ASN:HB2	17	1.02
(4,2145)	1:43:A:MET:HE2	1:46:A:ASN:HB3	17	1.02
(4,2145)	1:43:A:MET:HE3	1:46:A:ASN:HB2	17	1.02
(4,2145)	1:43:A:MET:HE3	1:46:A:ASN:HB3	17	1.02
(4,2076)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	6	1.02
(4,2076)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	6	1.02
(4,2076)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	6	1.02
(4,2076)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	6	1.02
(4,2076)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	6	1.02
(4,2076)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	6	1.02
(4,2076)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	6	1.02
(4,2076)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	6	1.02
(4,2076)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	6	1.02
(4,2076)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	6	1.02
(4,2076)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	6	1.02
(4,2076)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	6	1.02
(4,1872)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	1	1.02
(4,1872)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	1	1.02
(4,1872)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	1	1.02
(4,1872)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	1	1.02
(4,1872)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	1	1.02
(4,1872)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	1	1.02
(4,1743)	1:141:A:LYS:HA	1:149:A:ALA:H	11	1.02
(4,1677)	1:43:A:MET:HE1	1:131:A:LEU:HA	17	1.02
(4,1677)	1:43:A:MET:HE2	1:131:A:LEU:HA	17	1.02
(4,1677)	1:43:A:MET:HE3	1:131:A:LEU:HA	17	1.02
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD21	3	1.02
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD22	3	1.02
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD23	3	1.02
(4,1461)	1:101:A:ILE:HG21	1:116:A:GLN:H	19	1.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1461)	1:101:A:ILE:HG22	1:116:A:GLN:H	19	1.02
(4,1461)	1:101:A:ILE:HG23	1:116:A:GLN:H	19	1.02
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD21	19	1.02
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD22	19	1.02
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD23	19	1.02
(4,1069)	1:141:A:LYS:HA	1:149:A:ALA:HB1	7	1.02
(4,1069)	1:141:A:LYS:HA	1:149:A:ALA:HB2	7	1.02
(4,1069)	1:141:A:LYS:HA	1:149:A:ALA:HB3	7	1.02
(4,918)	1:125:A:THR:HB	1:128:A:LEU:HG	1	1.02
(4,11)	1:64:A:LYS:H	1:116:A:GLN:HG2	19	1.02
(3,1928)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	1	1.02
(3,1928)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	1	1.02
(3,1924)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	1	1.02
(3,1924)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	1	1.02
(3,1924)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	1	1.02
(3,1924)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	1	1.02
(3,1924)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	1	1.02
(3,1924)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	1	1.02
(3,1729)	1:43:A:MET:HE1	1:131:A:LEU:HA	17	1.02
(3,1729)	1:43:A:MET:HE2	1:131:A:LEU:HA	17	1.02
(3,1729)	1:43:A:MET:HE3	1:131:A:LEU:HA	17	1.02
(3,1585)	1:11:A:ILE:HB	1:40:A:LEU:HD11	17	1.02
(3,1585)	1:11:A:ILE:HB	1:40:A:LEU:HD12	17	1.02
(3,1585)	1:11:A:ILE:HB	1:40:A:LEU:HD13	17	1.02
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE1	16	1.02
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE2	16	1.02
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE3	16	1.02
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE1	16	1.02
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE2	16	1.02
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE3	16	1.02
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG21	7	1.02
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG22	7	1.02
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG23	7	1.02
(3,638)	1:9:A:PHE:HZ	1:58:A:ILE:H	12	1.02
(3,567)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	11	1.02
(3,567)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	11	1.02
(3,567)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	11	1.02
(3,376)	1:41:A:LYS:H	1:44:A:GLU:HG2	9	1.02
(3,278)	1:113:A:PHE:H	1:116:A:GLN:HG3	17	1.02
(3,47)	1:98:A:ILE:H	1:104:A:PHE:HB3	3	1.02
(2,2337)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	3	1.02
(2,2337)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	3	1.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2275)	1:70:A:LYS:HG2	1:71:A:LYS:H	6	1.02
(2,2275)	1:70:A:LYS:HG3	1:71:A:LYS:H	6	1.02
(2,1922)	1:18:A:PHE:HE1	1:57:A:LEU:HG	9	1.02
(2,1922)	1:18:A:PHE:HE2	1:57:A:LEU:HG	9	1.02
(2,1921)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	1	1.02
(2,1921)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	1	1.02
(2,1921)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	1	1.02
(2,1921)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	1	1.02
(2,1921)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	1	1.02
(2,1921)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	1	1.02
(2,1805)	1:13:A:ALA:H	1:80:A:TYR:HD1	12	1.02
(2,1805)	1:13:A:ALA:H	1:80:A:TYR:HD2	12	1.02
(2,1804)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	1	1.02
(2,1804)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	1	1.02
(2,1781)	1:141:A:LYS:HA	1:149:A:ALA:H	11	1.02
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD21	5	1.02
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD22	5	1.02
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD23	5	1.02
(2,1644)	1:13:A:ALA:HA	1:80:A:TYR:HB3	19	1.02
(2,1485)	1:101:A:ILE:HG21	1:116:A:GLN:H	19	1.02
(2,1485)	1:101:A:ILE:HG22	1:116:A:GLN:H	19	1.02
(2,1485)	1:101:A:ILE:HG23	1:116:A:GLN:H	19	1.02
(2,1170)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	9	1.02
(2,1170)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	9	1.02
(2,1170)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	9	1.02
(2,794)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	12	1.02
(2,794)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	12	1.02
(2,794)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	12	1.02
(2,794)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	12	1.02
(2,794)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	12	1.02
(2,794)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	12	1.02
(2,41)	1:98:A:ILE:H	1:104:A:PHE:HB2	3	1.02
(2,41)	1:98:A:ILE:H	1:104:A:PHE:HB3	3	1.02
(1,2269)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	10	1.02
(1,2269)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	10	1.02
(1,2269)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	10	1.02
(1,2269)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	10	1.02
(1,2269)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	10	1.02
(1,2269)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	10	1.02
(1,2269)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	10	1.02
(1,2269)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	10	1.02
(1,2269)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	10	1.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2269)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	10	1.02
(1,2269)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	10	1.02
(1,2269)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	10	1.02
(1,1836)	1:9:A:PHE:HZ	1:57:A:LEU:HA	3	1.02
(1,1794)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	1	1.02
(1,1794)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	1	1.02
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	12	1.02
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	12	1.02
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	12	1.02
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	12	1.02
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	12	1.02
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	12	1.02
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	12	1.02
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	12	1.02
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	12	1.02
(1,1638)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	9	1.02
(1,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	2	1.02
(1,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	2	1.02
(1,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	2	1.02
(1,1219)	1:11:A:ILE:HD11	1:131:A:LEU:HA	7	1.02
(1,1219)	1:11:A:ILE:HD12	1:131:A:LEU:HA	7	1.02
(1,1219)	1:11:A:ILE:HD13	1:131:A:LEU:HA	7	1.02
(1,1100)	1:141:A:LYS:HA	1:149:A:ALA:HB1	7	1.02
(1,1100)	1:141:A:LYS:HA	1:149:A:ALA:HB2	7	1.02
(1,1100)	1:141:A:LYS:HA	1:149:A:ALA:HB3	7	1.02
(1,472)	1:12:A:VAL:HG11	1:14:A:VAL:H	19	1.02
(1,472)	1:12:A:VAL:HG12	1:14:A:VAL:H	19	1.02
(1,472)	1:12:A:VAL:HG13	1:14:A:VAL:H	19	1.02
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD21	19	1.02
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD22	19	1.02
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD23	19	1.02
(34,1715)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	3	1.01
(34,1715)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	3	1.01
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	9	1.01
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	9	1.01
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	9	1.01
(34,1248)	1:34:A:LYS:H	1:81:A:GLU:HA	11	1.01
(34,1070)	1:11:A:ILE:HA	1:14:A:VAL:HB	14	1.01
(34,966)	1:67:A:PRO:HA	1:70:A:LYS:HG2	14	1.01
(34,448)	1:68:A:LYS:H	1:70:A:LYS:HG2	13	1.01
(34,156)	1:67:A:PRO:HD3	1:95:A:ILE:H	9	1.01
(33,2263)	1:70:A:LYS:HG2	1:71:A:LYS:H	6	1.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2263)	1:70:A:LYS:HG3	1:71:A:LYS:H	6	1.01
(33,2243)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	15	1.01
(33,2243)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	15	1.01
(33,2243)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	15	1.01
(33,2243)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	15	1.01
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD11	7	1.01
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD12	7	1.01
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD13	7	1.01
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD21	7	1.01
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD22	7	1.01
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD23	7	1.01
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	2	1.01
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	2	1.01
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	2	1.01
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	2	1.01
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	2	1.01
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	2	1.01
(33,2025)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	13	1.01
(33,2025)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	13	1.01
(33,2025)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	13	1.01
(33,2025)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	13	1.01
(33,2025)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	13	1.01
(33,2025)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	13	1.01
(33,2025)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	13	1.01
(33,2025)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	13	1.01
(33,2025)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	13	1.01
(33,2025)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	13	1.01
(33,2025)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	13	1.01
(33,2025)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	13	1.01
(33,1507)	1:11:A:ILE:HD11	1:43:A:MET:HE1	14	1.01
(33,1507)	1:11:A:ILE:HD11	1:43:A:MET:HE2	14	1.01
(33,1507)	1:11:A:ILE:HD11	1:43:A:MET:HE3	14	1.01
(33,1507)	1:11:A:ILE:HD12	1:43:A:MET:HE1	14	1.01
(33,1507)	1:11:A:ILE:HD12	1:43:A:MET:HE2	14	1.01
(33,1507)	1:11:A:ILE:HD12	1:43:A:MET:HE3	14	1.01
(33,1507)	1:11:A:ILE:HD13	1:43:A:MET:HE1	14	1.01
(33,1507)	1:11:A:ILE:HD13	1:43:A:MET:HE2	14	1.01
(33,1507)	1:11:A:ILE:HD13	1:43:A:MET:HE3	14	1.01
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	19	1.01
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	19	1.01
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	19	1.01
(33,935)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	2	1.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,935)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	2	1.01
(33,935)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	2	1.01
(33,935)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	2	1.01
(33,742)	1:105:A:LYS:HG3	1:112:A:GLN:HE22	14	1.01
(32,2197)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	12	1.01
(32,2197)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	12	1.01
(32,2197)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	12	1.01
(32,2197)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	12	1.01
(32,2197)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	12	1.01
(32,2197)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	12	1.01
(32,2021)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	5	1.01
(32,2021)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	5	1.01
(32,2021)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	5	1.01
(32,2021)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	5	1.01
(32,2021)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	5	1.01
(32,2021)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	5	1.01
(32,2021)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	5	1.01
(32,2021)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	5	1.01
(32,2021)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	5	1.01
(32,2021)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	5	1.01
(32,2021)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	5	1.01
(32,2021)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	5	1.01
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD11	7	1.01
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD12	7	1.01
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD13	7	1.01
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD21	7	1.01
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD22	7	1.01
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD23	7	1.01
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	2	1.01
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	2	1.01
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	2	1.01
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	2	1.01
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	2	1.01
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	2	1.01
(32,1970)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	7	1.01
(32,1970)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	7	1.01
(32,1970)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	7	1.01
(32,1970)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	7	1.01
(32,1970)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	7	1.01
(32,1970)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	7	1.01
(32,1970)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	7	1.01
(32,1970)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	7	1.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1970)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	7	1.01
(32,1970)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	7	1.01
(32,1970)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	7	1.01
(32,1970)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	7	1.01
(32,1970)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	7	1.01
(32,1970)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	7	1.01
(32,1970)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	7	1.01
(32,1970)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	7	1.01
(32,1970)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	7	1.01
(32,1970)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	7	1.01
(32,1911)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	5	1.01
(32,1911)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	5	1.01
(32,1911)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	5	1.01
(32,1911)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	5	1.01
(32,1666)	1:67:A:PRO:HD3	1:96:A:VAL:HG11	2	1.01
(32,1666)	1:67:A:PRO:HD3	1:96:A:VAL:HG12	2	1.01
(32,1666)	1:67:A:PRO:HD3	1:96:A:VAL:HG13	2	1.01
(32,1664)	1:67:A:PRO:HD3	1:96:A:VAL:HG21	10	1.01
(32,1664)	1:67:A:PRO:HD3	1:96:A:VAL:HG22	10	1.01
(32,1664)	1:67:A:PRO:HD3	1:96:A:VAL:HG23	10	1.01
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	1	1.01
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	1	1.01
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	1	1.01
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	1	1.01
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	1	1.01
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	1	1.01
(32,1196)	1:140:A:LEU:HD11	1:143:A:TRP:H	5	1.01
(32,1196)	1:140:A:LEU:HD12	1:143:A:TRP:H	5	1.01
(32,1196)	1:140:A:LEU:HD13	1:143:A:TRP:H	5	1.01
(32,1190)	1:34:A:LYS:H	1:81:A:GLU:HA	11	1.01
(32,902)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	2	1.01
(32,902)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	2	1.01
(32,902)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	2	1.01
(32,902)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	2	1.01
(30,2134)	1:39:A:VAL:HG11	1:144:A:LEU:H	14	1.01
(30,2134)	1:39:A:VAL:HG12	1:144:A:LEU:H	14	1.01
(30,2134)	1:39:A:VAL:HG13	1:144:A:LEU:H	14	1.01
(30,2134)	1:39:A:VAL:HG21	1:144:A:LEU:H	14	1.01
(30,2134)	1:39:A:VAL:HG22	1:144:A:LEU:H	14	1.01
(30,2134)	1:39:A:VAL:HG23	1:144:A:LEU:H	14	1.01
(30,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	18	1.01
(30,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	18	1.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	18	1.01
(30,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	18	1.01
(30,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	18	1.01
(30,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	18	1.01
(30,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	18	1.01
(30,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	18	1.01
(30,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	18	1.01
(30,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	18	1.01
(30,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	18	1.01
(30,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	18	1.01
(30,1716)	1:67:A:PRO:HD3	1:96:A:VAL:HG11	2	1.01
(30,1716)	1:67:A:PRO:HD3	1:96:A:VAL:HG12	2	1.01
(30,1716)	1:67:A:PRO:HD3	1:96:A:VAL:HG13	2	1.01
(30,1714)	1:67:A:PRO:HD3	1:96:A:VAL:HG21	10	1.01
(30,1714)	1:67:A:PRO:HD3	1:96:A:VAL:HG22	10	1.01
(30,1714)	1:67:A:PRO:HD3	1:96:A:VAL:HG23	10	1.01
(30,1646)	1:134:A:VAL:HG21	1:137:A:SER:H	7	1.01
(30,1646)	1:134:A:VAL:HG22	1:137:A:SER:H	7	1.01
(30,1646)	1:134:A:VAL:HG23	1:137:A:SER:H	7	1.01
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	19	1.01
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	19	1.01
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	19	1.01
(30,1219)	1:34:A:LYS:H	1:81:A:GLU:HA	11	1.01
(30,926)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	2	1.01
(30,926)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	2	1.01
(30,926)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	2	1.01
(30,926)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	2	1.01
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	2	1.01
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	2	1.01
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	2	1.01
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	2	1.01
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	2	1.01
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	2	1.01
(29,1663)	1:134:A:VAL:HG21	1:137:A:SER:H	7	1.01
(29,1663)	1:134:A:VAL:HG22	1:137:A:SER:H	7	1.01
(29,1663)	1:134:A:VAL:HG23	1:137:A:SER:H	7	1.01
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	9	1.01
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	9	1.01
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	9	1.01
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	19	1.01
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	19	1.01
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	19	1.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	19	1.01
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	19	1.01
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	19	1.01
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	19	1.01
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	19	1.01
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	19	1.01
(29,1443)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	3	1.01
(29,1443)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	3	1.01
(29,1443)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	3	1.01
(29,1057)	1:11:A:ILE:HA	1:14:A:VAL:HB	14	1.01
(29,940)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	2	1.01
(29,940)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	2	1.01
(29,940)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	2	1.01
(29,940)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	2	1.01
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	18	1.01
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	18	1.01
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	18	1.01
(29,834)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	3	1.01
(29,834)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	3	1.01
(29,834)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	3	1.01
(19,16)	1:52:A:CYS:SG	1:56:A:CYS:CB	9	1.01
(18,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	15	1.01
(18,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	15	1.01
(18,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	15	1.01
(18,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	15	1.01
(18,1832)	1:13:A:ALA:HA	1:80:A:TYR:HE1	18	1.01
(18,1832)	1:13:A:ALA:HA	1:80:A:TYR:HE2	18	1.01
(18,1731)	1:112:A:GLN:HG2	1:113:A:PHE:HA	17	1.01
(18,1731)	1:112:A:GLN:HG3	1:113:A:PHE:HA	17	1.01
(18,1688)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	3	1.01
(18,1688)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	3	1.01
(18,238)	1:10:A:ASN:H	1:13:A:ALA:HB1	1	1.01
(18,238)	1:10:A:ASN:H	1:13:A:ALA:HB2	1	1.01
(18,238)	1:10:A:ASN:H	1:13:A:ALA:HB3	1	1.01
(18,44)	1:98:A:ILE:H	1:104:A:PHE:HB2	16	1.01
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD11	6	1.01
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD12	6	1.01
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD13	6	1.01
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD21	6	1.01
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD22	6	1.01
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD23	6	1.01
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE1	19	1.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE2	19	1.01
(17,1802)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	19	1.01
(17,1802)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	19	1.01
(17,1802)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	19	1.01
(17,1802)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	19	1.01
(17,1802)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	19	1.01
(17,1802)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	19	1.01
(17,1802)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	19	1.01
(17,1802)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	19	1.01
(17,1802)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	19	1.01
(17,1802)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	19	1.01
(17,1802)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	19	1.01
(17,1802)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	19	1.01
(17,1754)	1:31:A:PRO:HB2	1:35:A:LEU:HA	4	1.01
(17,1754)	1:31:A:PRO:HB3	1:35:A:LEU:HA	4	1.01
(17,1657)	1:18:A:PHE:HZ	1:60:A:LEU:HA	10	1.01
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	12	1.01
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	12	1.01
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	12	1.01
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	12	1.01
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	12	1.01
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	12	1.01
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	12	1.01
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	12	1.01
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	12	1.01
(17,997)	1:12:A:VAL:HB	1:43:A:MET:HE1	11	1.01
(17,997)	1:12:A:VAL:HB	1:43:A:MET:HE2	11	1.01
(17,997)	1:12:A:VAL:HB	1:43:A:MET:HE3	11	1.01
(17,829)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	3	1.01
(17,829)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	3	1.01
(17,829)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	3	1.01
(16,2239)	1:69:A:MET:HG2	1:76:A:ARG:HB3	7	1.01
(16,2239)	1:69:A:MET:HG3	1:76:A:ARG:HB3	7	1.01
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD11	7	1.01
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD12	7	1.01
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD13	7	1.01
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD21	7	1.01
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD22	7	1.01
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD23	7	1.01
(16,1891)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	11	1.01
(16,1891)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	11	1.01
(16,1891)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	11	1.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1891)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	11	1.01
(16,1891)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	11	1.01
(16,1891)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	11	1.01
(16,1563)	1:58:A:ILE:HD11	1:61:A:SER:H	7	1.01
(16,1563)	1:58:A:ILE:HD12	1:61:A:SER:H	7	1.01
(16,1563)	1:58:A:ILE:HD13	1:61:A:SER:H	7	1.01
(16,1231)	1:34:A:LYS:H	1:81:A:GLU:HA	11	1.01
(16,928)	1:44:A:GLU:HG3	1:45:A:ALA:HA	10	1.01
(16,658)	1:79:A:THR:H	1:80:A:TYR:HD1	15	1.01
(16,658)	1:79:A:THR:H	1:80:A:TYR:HD2	15	1.01
(15,2498)	1:145:A:PRO:HD2	1:147:A:ARG:H	6	1.01
(15,2498)	1:145:A:PRO:HD3	1:147:A:ARG:H	6	1.01
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD11	6	1.01
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD12	6	1.01
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD13	6	1.01
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD21	6	1.01
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD22	6	1.01
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD23	6	1.01
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	2	1.01
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	2	1.01
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	2	1.01
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	2	1.01
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	2	1.01
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	2	1.01
(15,1892)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	15	1.01
(15,1634)	1:18:A:PHE:HZ	1:60:A:LEU:HA	10	1.01
(15,1619)	1:13:A:ALA:HA	1:80:A:TYR:HB3	19	1.01
(15,1468)	1:95:A:ILE:HG21	1:97:A:ASP:H	8	1.01
(15,1468)	1:95:A:ILE:HG22	1:97:A:ASP:H	8	1.01
(15,1468)	1:95:A:ILE:HG23	1:97:A:ASP:H	8	1.01
(15,1424)	1:69:A:MET:HE1	1:73:A:ILE:HG21	8	1.01
(15,1424)	1:69:A:MET:HE1	1:73:A:ILE:HG22	8	1.01
(15,1424)	1:69:A:MET:HE1	1:73:A:ILE:HG23	8	1.01
(15,1424)	1:69:A:MET:HE2	1:73:A:ILE:HG21	8	1.01
(15,1424)	1:69:A:MET:HE2	1:73:A:ILE:HG22	8	1.01
(15,1424)	1:69:A:MET:HE2	1:73:A:ILE:HG23	8	1.01
(15,1424)	1:69:A:MET:HE3	1:73:A:ILE:HG21	8	1.01
(15,1424)	1:69:A:MET:HE3	1:73:A:ILE:HG22	8	1.01
(15,1424)	1:69:A:MET:HE3	1:73:A:ILE:HG23	8	1.01
(15,1224)	1:34:A:LYS:H	1:81:A:GLU:HA	11	1.01
(15,913)	1:44:A:GLU:HG3	1:45:A:ALA:HA	10	1.01
(15,912)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	2	1.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,912)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	2	1.01
(15,912)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	2	1.01
(15,894)	1:69:A:MET:HE1	1:73:A:ILE:HB	19	1.01
(15,894)	1:69:A:MET:HE2	1:73:A:ILE:HB	19	1.01
(15,894)	1:69:A:MET:HE3	1:73:A:ILE:HB	19	1.01
(15,817)	1:98:A:ILE:HD11	1:104:A:PHE:HB2	1	1.01
(15,817)	1:98:A:ILE:HD12	1:104:A:PHE:HB2	1	1.01
(15,817)	1:98:A:ILE:HD13	1:104:A:PHE:HB2	1	1.01
(15,575)	1:63:A:ILE:HG21	1:116:A:GLN:H	11	1.01
(15,575)	1:63:A:ILE:HG22	1:116:A:GLN:H	11	1.01
(15,575)	1:63:A:ILE:HG23	1:116:A:GLN:H	11	1.01
(15,487)	1:147:A:ARG:HD2	1:148:A:CYS:H	4	1.01
(15,487)	1:147:A:ARG:HD3	1:148:A:CYS:H	4	1.01
(13,2297)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	3	1.01
(13,2297)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	3	1.01
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE21	19	1.01
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE22	19	1.01
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE21	19	1.01
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE22	19	1.01
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG11	9	1.01
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG12	9	1.01
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG13	9	1.01
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG21	9	1.01
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG22	9	1.01
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG23	9	1.01
(13,2083)	1:41:A:LYS:H	1:44:A:GLU:HG2	11	1.01
(13,2083)	1:41:A:LYS:H	1:44:A:GLU:HG3	11	1.01
(13,2003)	1:23:A:LEU:HD11	1:27:A:ARG:HB2	8	1.01
(13,2003)	1:23:A:LEU:HD12	1:27:A:ARG:HB2	8	1.01
(13,2003)	1:23:A:LEU:HD13	1:27:A:ARG:HB2	8	1.01
(13,2003)	1:23:A:LEU:HD21	1:27:A:ARG:HB2	8	1.01
(13,2003)	1:23:A:LEU:HD22	1:27:A:ARG:HB2	8	1.01
(13,2003)	1:23:A:LEU:HD23	1:27:A:ARG:HB2	8	1.01
(13,1783)	1:9:A:PHE:HZ	1:54:A:ARG:HA	10	1.01
(13,1400)	1:69:A:MET:HE1	1:73:A:ILE:HG21	8	1.01
(13,1400)	1:69:A:MET:HE1	1:73:A:ILE:HG22	8	1.01
(13,1400)	1:69:A:MET:HE1	1:73:A:ILE:HG23	8	1.01
(13,1400)	1:69:A:MET:HE2	1:73:A:ILE:HG21	8	1.01
(13,1400)	1:69:A:MET:HE2	1:73:A:ILE:HG22	8	1.01
(13,1400)	1:69:A:MET:HE2	1:73:A:ILE:HG23	8	1.01
(13,1400)	1:69:A:MET:HE3	1:73:A:ILE:HG21	8	1.01
(13,1400)	1:69:A:MET:HE3	1:73:A:ILE:HG22	8	1.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1400)	1:69:A:MET:HE3	1:73:A:ILE:HG23	8	1.01
(13,911)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	2	1.01
(13,911)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	2	1.01
(13,911)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	2	1.01
(13,911)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	2	1.01
(13,877)	1:13:A:ALA:H	1:80:A:TYR:HB2	4	1.01
(11,2418)	1:134:A:VAL:HG11	1:137:A:SER:H	3	1.01
(11,2418)	1:134:A:VAL:HG12	1:137:A:SER:H	3	1.01
(11,2418)	1:134:A:VAL:HG13	1:137:A:SER:H	3	1.01
(11,2418)	1:134:A:VAL:HG21	1:137:A:SER:H	3	1.01
(11,2418)	1:134:A:VAL:HG22	1:137:A:SER:H	3	1.01
(11,2418)	1:134:A:VAL:HG23	1:137:A:SER:H	3	1.01
(11,2289)	1:79:A:THR:HG21	1:81:A:GLU:HB2	18	1.01
(11,2289)	1:79:A:THR:HG21	1:81:A:GLU:HB3	18	1.01
(11,2289)	1:79:A:THR:HG22	1:81:A:GLU:HB2	18	1.01
(11,2289)	1:79:A:THR:HG22	1:81:A:GLU:HB3	18	1.01
(11,2289)	1:79:A:THR:HG23	1:81:A:GLU:HB2	18	1.01
(11,2289)	1:79:A:THR:HG23	1:81:A:GLU:HB3	18	1.01
(11,2238)	1:66:A:THR:H	1:70:A:LYS:HD2	5	1.01
(11,2238)	1:66:A:THR:H	1:70:A:LYS:HD3	5	1.01
(11,2238)	1:66:A:THR:H	1:70:A:LYS:HD2	17	1.01
(11,2238)	1:66:A:THR:H	1:70:A:LYS:HD3	17	1.01
(11,1896)	1:72:A:PHE:HD1	1:109:A:PRO:HD2	7	1.01
(11,1896)	1:72:A:PHE:HD2	1:109:A:PRO:HD2	7	1.01
(11,1822)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	13	1.01
(11,1822)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	13	1.01
(11,1822)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	13	1.01
(11,1822)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	13	1.01
(11,1822)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	13	1.01
(11,1822)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	13	1.01
(11,1605)	1:58:A:ILE:HD11	1:61:A:SER:H	7	1.01
(11,1605)	1:58:A:ILE:HD12	1:61:A:SER:H	7	1.01
(11,1605)	1:58:A:ILE:HD13	1:61:A:SER:H	7	1.01
(11,1601)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	8	1.01
(11,1601)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	8	1.01
(11,1601)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	8	1.01
(11,1601)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	8	1.01
(11,1601)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	8	1.01
(11,1601)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	8	1.01
(11,1601)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	8	1.01
(11,1601)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	8	1.01
(11,1601)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	8	1.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	9	1.01
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	9	1.01
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	9	1.01
(11,940)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	8	1.01
(11,654)	1:79:A:THR:H	1:80:A:TYR:HD1	15	1.01
(11,654)	1:79:A:THR:H	1:80:A:TYR:HD2	15	1.01
(9,1911)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	11	1.01
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE1	19	1.01
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE2	19	1.01
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE1	4	1.01
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE2	4	1.01
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE3	4	1.01
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE1	4	1.01
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE2	4	1.01
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE3	4	1.01
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	19	1.01
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	19	1.01
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	19	1.01
(9,1338)	1:105:A:LYS:HG3	1:106:A:ASP:HA	10	1.01
(9,958)	1:66:A:THR:H	1:96:A:VAL:HB	18	1.01
(9,817)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	3	1.01
(9,817)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	3	1.01
(9,817)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	3	1.01
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD1	3	1.01
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD2	3	1.01
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD1	3	1.01
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD2	3	1.01
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	13	1.01
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	13	1.01
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	13	1.01
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	13	1.01
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	13	1.01
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	13	1.01
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD11	9	1.01
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD12	9	1.01
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD13	9	1.01
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD21	9	1.01
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD22	9	1.01
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD23	9	1.01
(7,1754)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	19	1.01
(7,1754)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	19	1.01
(7,1754)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	19	1.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1754)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	19	1.01
(7,1754)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	19	1.01
(7,1754)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	19	1.01
(7,1754)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	19	1.01
(7,1754)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	19	1.01
(7,1754)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	19	1.01
(7,1754)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	19	1.01
(7,1754)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	19	1.01
(7,1754)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	19	1.01
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	3	1.01
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	3	1.01
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	3	1.01
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	4	1.01
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	4	1.01
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	4	1.01
(7,919)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	2	1.01
(7,919)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	2	1.01
(7,919)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	2	1.01
(7,919)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	2	1.01
(7,903)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	2	1.01
(7,903)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	2	1.01
(7,903)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	2	1.01
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB2	15	1.01
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB3	15	1.01
(7,92)	1:95:A:ILE:HG21	1:97:A:ASP:H	4	1.01
(7,92)	1:95:A:ILE:HG22	1:97:A:ASP:H	4	1.01
(7,92)	1:95:A:ILE:HG23	1:97:A:ASP:H	4	1.01
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	9	1.01
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	9	1.01
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	9	1.01
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	9	1.01
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	9	1.01
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	9	1.01
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	9	1.01
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	9	1.01
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	9	1.01
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	9	1.01
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	9	1.01
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	9	1.01
(6,1867)	1:9:A:PHE:HE1	1:54:A:ARG:HE	17	1.01
(6,1867)	1:9:A:PHE:HE2	1:54:A:ARG:HE	17	1.01
(6,1741)	1:18:A:PHE:HB2	1:132:A:ALA:HA	13	1.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1741)	1:18:A:PHE:HB3	1:132:A:ALA:HA	13	1.01
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	19	1.01
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	19	1.01
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	19	1.01
(6,869)	1:14:A:VAL:HA	1:18:A:PHE:HB2	12	1.01
(6,776)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	7	1.01
(6,776)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	7	1.01
(6,776)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	7	1.01
(5,2122)	1:40:A:LEU:HD11	1:41:A:LYS:HA	11	1.01
(5,2122)	1:40:A:LEU:HD12	1:41:A:LYS:HA	11	1.01
(5,2122)	1:40:A:LEU:HD13	1:41:A:LYS:HA	11	1.01
(5,2122)	1:40:A:LEU:HD21	1:41:A:LYS:HA	11	1.01
(5,2122)	1:40:A:LEU:HD22	1:41:A:LYS:HA	11	1.01
(5,2122)	1:40:A:LEU:HD23	1:41:A:LYS:HA	11	1.01
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	15	1.01
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	15	1.01
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	15	1.01
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	15	1.01
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	15	1.01
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	15	1.01
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	15	1.01
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	15	1.01
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	15	1.01
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	15	1.01
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	15	1.01
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	15	1.01
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	15	1.01
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	15	1.01
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	15	1.01
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	15	1.01
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	15	1.01
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	15	1.01
(5,1884)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	5	1.01
(5,1825)	1:9:A:PHE:HD1	1:14:A:VAL:HB	14	1.01
(5,1825)	1:9:A:PHE:HD2	1:14:A:VAL:HB	14	1.01
(5,1814)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	19	1.01
(5,1814)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	19	1.01
(5,1814)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	19	1.01
(5,1814)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	19	1.01
(5,1814)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	19	1.01
(5,1814)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	19	1.01
(5,1814)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	19	1.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1814)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	19	1.01
(5,1814)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	19	1.01
(5,1814)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	19	1.01
(5,1814)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	19	1.01
(5,1814)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	19	1.01
(5,1589)	1:58:A:ILE:HD11	1:61:A:SER:H	7	1.01
(5,1589)	1:58:A:ILE:HD12	1:61:A:SER:H	7	1.01
(5,1589)	1:58:A:ILE:HD13	1:61:A:SER:H	7	1.01
(5,932)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	2	1.01
(5,932)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	2	1.01
(5,932)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	2	1.01
(5,932)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	2	1.01
(5,670)	1:63:A:ILE:HG12	1:117:A:VAL:H	13	1.01
(5,39)	1:43:A:MET:HA	1:47:A:ALA:H	15	1.01
(4,2431)	1:136:A:CYS:HB2	1:141:A:LYS:H	12	1.01
(4,2431)	1:136:A:CYS:HB3	1:141:A:LYS:H	12	1.01
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD11	19	1.01
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD12	19	1.01
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD13	19	1.01
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD21	19	1.01
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD22	19	1.01
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD23	19	1.01
(4,1826)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	19	1.01
(4,1826)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	19	1.01
(4,1826)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	19	1.01
(4,1826)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	19	1.01
(4,1826)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	19	1.01
(4,1826)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	19	1.01
(4,1615)	1:18:A:PHE:HZ	1:60:A:LEU:HA	10	1.01
(4,1202)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	17	1.01
(4,1202)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	17	1.01
(4,1202)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	17	1.01
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	16	1.01
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	16	1.01
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	16	1.01
(4,776)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	7	1.01
(4,776)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	7	1.01
(4,776)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	7	1.01
(4,228)	1:10:A:ASN:H	1:13:A:ALA:HB1	1	1.01
(4,228)	1:10:A:ASN:H	1:13:A:ALA:HB2	1	1.01
(4,228)	1:10:A:ASN:H	1:13:A:ALA:HB3	1	1.01
(3,2500)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	6	1.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2500)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	6	1.01
(3,2500)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	6	1.01
(3,2500)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	6	1.01
(3,2500)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	6	1.01
(3,2500)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	6	1.01
(3,2465)	1:134:A:VAL:HG11	1:137:A:SER:H	10	1.01
(3,2465)	1:134:A:VAL:HG12	1:137:A:SER:H	10	1.01
(3,2465)	1:134:A:VAL:HG13	1:137:A:SER:H	10	1.01
(3,2465)	1:134:A:VAL:HG21	1:137:A:SER:H	10	1.01
(3,2465)	1:134:A:VAL:HG22	1:137:A:SER:H	10	1.01
(3,2465)	1:134:A:VAL:HG23	1:137:A:SER:H	10	1.01
(3,2465)	1:134:A:VAL:HG11	1:137:A:SER:H	17	1.01
(3,2465)	1:134:A:VAL:HG12	1:137:A:SER:H	17	1.01
(3,2465)	1:134:A:VAL:HG13	1:137:A:SER:H	17	1.01
(3,2465)	1:134:A:VAL:HG21	1:137:A:SER:H	17	1.01
(3,2465)	1:134:A:VAL:HG22	1:137:A:SER:H	17	1.01
(3,2465)	1:134:A:VAL:HG23	1:137:A:SER:H	17	1.01
(3,2107)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	3	1.01
(3,2107)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	3	1.01
(3,2107)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	3	1.01
(3,2107)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	3	1.01
(3,2107)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	3	1.01
(3,2107)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	3	1.01
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD11	6	1.01
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD12	6	1.01
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD13	6	1.01
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD21	6	1.01
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD22	6	1.01
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD23	6	1.01
(3,2018)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	1	1.01
(3,2018)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	1	1.01
(3,2018)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	1	1.01
(3,2018)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	1	1.01
(3,2018)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	1	1.01
(3,2018)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	1	1.01
(3,1905)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	9	1.01
(3,1905)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	9	1.01
(3,1905)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	9	1.01
(3,1905)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	9	1.01
(3,1685)	1:134:A:VAL:HG21	1:137:A:SER:H	7	1.01
(3,1685)	1:134:A:VAL:HG22	1:137:A:SER:H	7	1.01
(3,1685)	1:134:A:VAL:HG23	1:137:A:SER:H	7	1.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1657)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	9	1.01
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE1	4	1.01
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE2	4	1.01
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE3	4	1.01
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE1	4	1.01
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE2	4	1.01
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE3	4	1.01
(3,1525)	1:12:A:VAL:H	1:43:A:MET:HE1	11	1.01
(3,1525)	1:12:A:VAL:H	1:43:A:MET:HE2	11	1.01
(3,1525)	1:12:A:VAL:H	1:43:A:MET:HE3	11	1.01
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	9	1.01
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	9	1.01
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	9	1.01
(3,1245)	1:34:A:LYS:H	1:81:A:GLU:HA	11	1.01
(3,1213)	1:11:A:ILE:HA	1:40:A:LEU:HD11	19	1.01
(3,1213)	1:11:A:ILE:HA	1:40:A:LEU:HD12	19	1.01
(3,1213)	1:11:A:ILE:HA	1:40:A:LEU:HD13	19	1.01
(3,1092)	1:44:A:GLU:HA	1:48:A:ARG:HB2	15	1.01
(3,1092)	1:44:A:GLU:HA	1:48:A:ARG:HB3	15	1.01
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	1	1.01
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	1	1.01
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	1	1.01
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	1	1.01
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	1	1.01
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	1	1.01
(2,2464)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	6	1.01
(2,2464)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	6	1.01
(2,2464)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	6	1.01
(2,2464)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	6	1.01
(2,2464)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	6	1.01
(2,2464)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	6	1.01
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG11	19	1.01
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG12	19	1.01
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG13	19	1.01
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG21	19	1.01
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG22	19	1.01
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG23	19	1.01
(2,2149)	1:41:A:LYS:H	1:44:A:GLU:HG2	11	1.01
(2,2149)	1:41:A:LYS:H	1:44:A:GLU:HG3	11	1.01
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	6	1.01
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	6	1.01
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	6	1.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	6	1.01
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	6	1.01
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	6	1.01
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	6	1.01
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	6	1.01
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	6	1.01
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	6	1.01
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	6	1.01
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	6	1.01
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	6	1.01
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	6	1.01
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	6	1.01
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	6	1.01
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	6	1.01
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	6	1.01
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	6	1.01
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	6	1.01
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	6	1.01
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	6	1.01
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	6	1.01
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	6	1.01
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	6	1.01
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	6	1.01
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	6	1.01
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	6	1.01
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	6	1.01
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	6	1.01
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	6	1.01
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	6	1.01
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	6	1.01
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	6	1.01
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	6	1.01
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	6	1.01
(2,1932)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	12	1.01
(2,1932)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	12	1.01
(2,1932)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	12	1.01
(2,1932)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	12	1.01
(2,1756)	1:31:A:PRO:HB2	1:35:A:LEU:HA	4	1.01
(2,1756)	1:31:A:PRO:HB3	1:35:A:LEU:HA	4	1.01
(2,1036)	1:11:A:ILE:HA	1:14:A:VAL:HB	14	1.01
(2,919)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	2	1.01
(2,919)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	2	1.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,919)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	2	1.01
(2,919)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	2	1.01
(2,72)	1:54:A:ARG:H	1:54:A:ARG:HE	17	1.01
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE1	7	1.01
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE2	7	1.01
(1,1709)	1:43:A:MET:HE1	1:131:A:LEU:HA	16	1.01
(1,1709)	1:43:A:MET:HE2	1:131:A:LEU:HA	16	1.01
(1,1709)	1:43:A:MET:HE3	1:131:A:LEU:HA	16	1.01
(1,1211)	1:41:A:LYS:HG3	1:44:A:GLU:HG3	2	1.01
(1,952)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	2	1.01
(1,952)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	2	1.01
(1,952)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	2	1.01
(1,952)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	2	1.01
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	19	1.0
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	19	1.0
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	19	1.0
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	19	1.0
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	19	1.0
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	19	1.0
(34,1875)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	3	1.0
(34,1875)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	3	1.0
(34,1796)	1:13:A:ALA:H	1:80:A:TYR:HD1	17	1.0
(34,1796)	1:13:A:ALA:H	1:80:A:TYR:HD2	17	1.0
(34,1347)	1:106:A:ASP:HA	1:112:A:GLN:HE21	7	1.0
(34,1194)	1:136:A:CYS:HA	1:140:A:LEU:HD21	12	1.0
(34,1194)	1:136:A:CYS:HA	1:140:A:LEU:HD22	12	1.0
(34,1194)	1:136:A:CYS:HA	1:140:A:LEU:HD23	12	1.0
(34,1018)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	7	1.0
(34,1018)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	7	1.0
(34,942)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	12	1.0
(34,942)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	12	1.0
(34,942)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	12	1.0
(34,942)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	12	1.0
(34,817)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	16	1.0
(34,817)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	16	1.0
(34,817)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	16	1.0
(34,53)	1:98:A:ILE:H	1:101:A:ILE:HG21	19	1.0
(34,53)	1:98:A:ILE:H	1:101:A:ILE:HG22	19	1.0
(34,53)	1:98:A:ILE:H	1:101:A:ILE:HG23	19	1.0
(33,2245)	1:68:A:LYS:H	1:70:A:LYS:HG2	14	1.0
(33,2245)	1:68:A:LYS:H	1:70:A:LYS:HG3	14	1.0
(33,1921)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	19	1.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1921)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	19	1.0
(33,1846)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	19	1.0
(33,1846)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	19	1.0
(33,1846)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	19	1.0
(33,1846)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	19	1.0
(33,1846)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	19	1.0
(33,1846)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	19	1.0
(33,1507)	1:11:A:ILE:HD11	1:43:A:MET:HE1	17	1.0
(33,1507)	1:11:A:ILE:HD11	1:43:A:MET:HE2	17	1.0
(33,1507)	1:11:A:ILE:HD11	1:43:A:MET:HE3	17	1.0
(33,1507)	1:11:A:ILE:HD12	1:43:A:MET:HE1	17	1.0
(33,1507)	1:11:A:ILE:HD12	1:43:A:MET:HE2	17	1.0
(33,1507)	1:11:A:ILE:HD12	1:43:A:MET:HE3	17	1.0
(33,1507)	1:11:A:ILE:HD13	1:43:A:MET:HE1	17	1.0
(33,1507)	1:11:A:ILE:HD13	1:43:A:MET:HE2	17	1.0
(33,1507)	1:11:A:ILE:HD13	1:43:A:MET:HE3	17	1.0
(33,1131)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	14	1.0
(33,1131)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	14	1.0
(33,1131)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	14	1.0
(33,1131)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	14	1.0
(33,1131)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	14	1.0
(33,1131)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	14	1.0
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB1	9	1.0
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB2	9	1.0
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB3	9	1.0
(33,981)	1:15:A:ALA:HB1	1:134:A:VAL:HB	18	1.0
(33,981)	1:15:A:ALA:HB2	1:134:A:VAL:HB	18	1.0
(33,981)	1:15:A:ALA:HB3	1:134:A:VAL:HB	18	1.0
(33,813)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	16	1.0
(33,813)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	16	1.0
(33,813)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	16	1.0
(33,711)	1:44:A:GLU:HB2	1:48:A:ARG:HE	9	1.0
(33,711)	1:44:A:GLU:HB3	1:48:A:ARG:HE	9	1.0
(33,57)	1:98:A:ILE:H	1:101:A:ILE:HG21	19	1.0
(33,57)	1:98:A:ILE:H	1:101:A:ILE:HG22	19	1.0
(33,57)	1:98:A:ILE:H	1:101:A:ILE:HG23	19	1.0
(32,2468)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	10	1.0
(32,2468)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	10	1.0
(32,2468)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	10	1.0
(32,2468)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	10	1.0
(32,2468)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	10	1.0
(32,2468)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	10	1.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	13	1.0
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	13	1.0
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	13	1.0
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	13	1.0
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	13	1.0
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	13	1.0
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	13	1.0
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	13	1.0
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	13	1.0
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	13	1.0
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	13	1.0
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	13	1.0
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG2	12	1.0
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG3	12	1.0
(32,1990)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	18	1.0
(32,1990)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	18	1.0
(32,1990)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	18	1.0
(32,1990)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	18	1.0
(32,1990)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	18	1.0
(32,1990)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	18	1.0
(32,1990)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	18	1.0
(32,1990)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	18	1.0
(32,1990)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	18	1.0
(32,1990)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	18	1.0
(32,1990)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	18	1.0
(32,1990)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	18	1.0
(32,1925)	1:11:A:ILE:HG13	1:44:A:GLU:HG2	18	1.0
(32,1925)	1:11:A:ILE:HG13	1:44:A:GLU:HG3	18	1.0
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD11	13	1.0
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD12	13	1.0
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD13	13	1.0
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD21	13	1.0
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD22	13	1.0
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD23	13	1.0
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD11	13	1.0
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD12	13	1.0
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD13	13	1.0
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD21	13	1.0
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD22	13	1.0
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD23	13	1.0
(32,1522)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	13	1.0
(32,1522)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	13	1.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1522)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	13	1.0
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD21	14	1.0
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD22	14	1.0
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD23	14	1.0
(32,1259)	1:66:A:THR:HG21	1:96:A:VAL:H	17	1.0
(32,1259)	1:66:A:THR:HG22	1:96:A:VAL:H	17	1.0
(32,1259)	1:66:A:THR:HG23	1:96:A:VAL:H	17	1.0
(32,840)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	13	1.0
(32,823)	1:43:A:MET:HE1	1:131:A:LEU:HB3	10	1.0
(32,823)	1:43:A:MET:HE2	1:131:A:LEU:HB3	10	1.0
(32,823)	1:43:A:MET:HE3	1:131:A:LEU:HB3	10	1.0
(32,693)	1:44:A:GLU:HB2	1:48:A:ARG:HE	9	1.0
(32,693)	1:44:A:GLU:HB3	1:48:A:ARG:HE	9	1.0
(30,961)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	15	1.0
(30,961)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	15	1.0
(30,854)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	13	1.0
(30,806)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	16	1.0
(30,806)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	16	1.0
(30,806)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	16	1.0
(30,50)	1:98:A:ILE:H	1:101:A:ILE:HG21	19	1.0
(30,50)	1:98:A:ILE:H	1:101:A:ILE:HG22	19	1.0
(30,50)	1:98:A:ILE:H	1:101:A:ILE:HG23	19	1.0
(29,1937)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	19	1.0
(29,1937)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	19	1.0
(29,1884)	1:9:A:PHE:HE1	1:58:A:ILE:HG12	14	1.0
(29,1884)	1:9:A:PHE:HE2	1:58:A:ILE:HG12	14	1.0
(29,1804)	1:13:A:ALA:H	1:80:A:TYR:HD1	17	1.0
(29,1804)	1:13:A:ALA:H	1:80:A:TYR:HD2	17	1.0
(29,1676)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	19	1.0
(29,1676)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	19	1.0
(29,1676)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	19	1.0
(29,1676)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	19	1.0
(29,1676)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	19	1.0
(29,1676)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	19	1.0
(29,1676)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	19	1.0
(29,1676)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	19	1.0
(29,1676)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	19	1.0
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG11	1	1.0
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG12	1	1.0
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG13	1	1.0
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE1	14	1.0
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE2	14	1.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE3	14	1.0
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB2	19	1.0
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB3	19	1.0
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB2	19	1.0
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB3	19	1.0
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB2	19	1.0
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB3	19	1.0
(29,1479)	1:45:A:ALA:HB1	1:49:A:LYS:HE2	8	1.0
(29,1479)	1:45:A:ALA:HB1	1:49:A:LYS:HE3	8	1.0
(29,1479)	1:45:A:ALA:HB2	1:49:A:LYS:HE2	8	1.0
(29,1479)	1:45:A:ALA:HB2	1:49:A:LYS:HE3	8	1.0
(29,1479)	1:45:A:ALA:HB3	1:49:A:LYS:HE2	8	1.0
(29,1479)	1:45:A:ALA:HB3	1:49:A:LYS:HE3	8	1.0
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG11	19	1.0
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG12	19	1.0
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG13	19	1.0
(29,1183)	1:136:A:CYS:HA	1:140:A:LEU:HD21	12	1.0
(29,1183)	1:136:A:CYS:HA	1:140:A:LEU:HD22	12	1.0
(29,1183)	1:136:A:CYS:HA	1:140:A:LEU:HD23	12	1.0
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD11	9	1.0
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD12	9	1.0
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD13	9	1.0
(29,871)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	13	1.0
(29,825)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	16	1.0
(29,825)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	16	1.0
(29,825)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	16	1.0
(29,296)	1:43:A:MET:H	1:43:A:MET:HG3	16	1.0
(29,159)	1:67:A:PRO:HD3	1:95:A:ILE:H	17	1.0
(18,2448)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	10	1.0
(18,2448)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	10	1.0
(18,2448)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	10	1.0
(18,2448)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	10	1.0
(18,2448)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	10	1.0
(18,2448)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	10	1.0
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD11	4	1.0
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD12	4	1.0
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD13	4	1.0
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD21	4	1.0
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD22	4	1.0
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD23	4	1.0
(18,1975)	1:12:A:VAL:HG11	1:43:A:MET:HB2	13	1.0
(18,1975)	1:12:A:VAL:HG12	1:43:A:MET:HB2	13	1.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1975)	1:12:A:VAL:HG13	1:43:A:MET:HB2	13	1.0
(18,1975)	1:12:A:VAL:HG21	1:43:A:MET:HB2	13	1.0
(18,1975)	1:12:A:VAL:HG22	1:43:A:MET:HB2	13	1.0
(18,1975)	1:12:A:VAL:HG23	1:43:A:MET:HB2	13	1.0
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	18	1.0
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	18	1.0
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	18	1.0
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	18	1.0
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	18	1.0
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	18	1.0
(18,1373)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	17	1.0
(18,1373)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	17	1.0
(18,1373)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	17	1.0
(18,1373)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	17	1.0
(18,1373)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	17	1.0
(18,1373)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	17	1.0
(18,1286)	1:66:A:THR:HG21	1:96:A:VAL:H	17	1.0
(18,1286)	1:66:A:THR:HG22	1:96:A:VAL:H	17	1.0
(18,1286)	1:66:A:THR:HG23	1:96:A:VAL:H	17	1.0
(18,1175)	1:136:A:CYS:HA	1:140:A:LEU:HD21	12	1.0
(18,1175)	1:136:A:CYS:HA	1:140:A:LEU:HD22	12	1.0
(18,1175)	1:136:A:CYS:HA	1:140:A:LEU:HD23	12	1.0
(18,942)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	16	1.0
(18,942)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	16	1.0
(18,908)	1:67:A:PRO:HD3	1:95:A:ILE:HB	15	1.0
(18,822)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	16	1.0
(18,822)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	16	1.0
(18,822)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	16	1.0
(18,725)	1:44:A:GLU:HB2	1:48:A:ARG:HE	9	1.0
(18,725)	1:44:A:GLU:HB3	1:48:A:ARG:HE	9	1.0
(18,602)	1:75:A:GLY:H	1:77:A:CYS:HB3	15	1.0
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD11	14	1.0
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD12	14	1.0
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD13	14	1.0
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD21	14	1.0
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD22	14	1.0
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD23	14	1.0
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD11	14	1.0
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD12	14	1.0
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD13	14	1.0
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD21	14	1.0
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD22	14	1.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD23	14	1.0
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD11	14	1.0
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD12	14	1.0
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD13	14	1.0
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD21	14	1.0
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD22	14	1.0
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD23	14	1.0
(17,1937)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	19	1.0
(17,1937)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	19	1.0
(17,1796)	1:13:A:ALA:H	1:80:A:TYR:HD1	17	1.0
(17,1796)	1:13:A:ALA:H	1:80:A:TYR:HD2	17	1.0
(17,1754)	1:31:A:PRO:HB2	1:35:A:LEU:HA	10	1.0
(17,1754)	1:31:A:PRO:HB3	1:35:A:LEU:HA	10	1.0
(17,1493)	1:45:A:ALA:HB1	1:49:A:LYS:HE2	8	1.0
(17,1493)	1:45:A:ALA:HB1	1:49:A:LYS:HE3	8	1.0
(17,1493)	1:45:A:ALA:HB2	1:49:A:LYS:HE2	8	1.0
(17,1493)	1:45:A:ALA:HB2	1:49:A:LYS:HE3	8	1.0
(17,1493)	1:45:A:ALA:HB3	1:49:A:LYS:HE2	8	1.0
(17,1493)	1:45:A:ALA:HB3	1:49:A:LYS:HE3	8	1.0
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD21	5	1.0
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD22	5	1.0
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD23	5	1.0
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD21	5	1.0
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD22	5	1.0
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD23	5	1.0
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD21	5	1.0
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD22	5	1.0
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD23	5	1.0
(17,982)	1:47:A:ALA:HB1	1:134:A:VAL:HB	12	1.0
(17,982)	1:47:A:ALA:HB2	1:134:A:VAL:HB	12	1.0
(17,982)	1:47:A:ALA:HB3	1:134:A:VAL:HB	12	1.0
(17,951)	1:67:A:PRO:HA	1:70:A:LYS:HG2	15	1.0
(17,931)	1:125:A:THR:HB	1:128:A:LEU:HG	5	1.0
(17,931)	1:125:A:THR:HB	1:128:A:LEU:HG	11	1.0
(17,819)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	16	1.0
(17,819)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	16	1.0
(17,819)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	16	1.0
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	6	1.0
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	6	1.0
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	6	1.0
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	6	1.0
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	6	1.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	6	1.0
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	6	1.0
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	6	1.0
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	6	1.0
(17,311)	1:43:A:MET:H	1:140:A:LEU:HD11	19	1.0
(17,311)	1:43:A:MET:H	1:140:A:LEU:HD12	19	1.0
(17,311)	1:43:A:MET:H	1:140:A:LEU:HD13	19	1.0
(17,51)	1:98:A:ILE:H	1:101:A:ILE:HG21	19	1.0
(17,51)	1:98:A:ILE:H	1:101:A:ILE:HG22	19	1.0
(17,51)	1:98:A:ILE:H	1:101:A:ILE:HG23	19	1.0
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG11	10	1.0
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG12	10	1.0
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG13	10	1.0
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG21	10	1.0
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG22	10	1.0
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG23	10	1.0
(16,1961)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	7	1.0
(16,1961)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	7	1.0
(16,1961)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	7	1.0
(16,1961)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	7	1.0
(16,1961)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	7	1.0
(16,1961)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	7	1.0
(16,1961)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	7	1.0
(16,1961)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	7	1.0
(16,1961)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	7	1.0
(16,1961)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	7	1.0
(16,1961)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	7	1.0
(16,1961)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	7	1.0
(16,1961)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	14	1.0
(16,1961)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	14	1.0
(16,1961)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	14	1.0
(16,1961)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	14	1.0
(16,1961)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	14	1.0
(16,1961)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	14	1.0
(16,1961)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	14	1.0
(16,1961)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	14	1.0
(16,1961)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	14	1.0
(16,1961)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	14	1.0
(16,1961)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	14	1.0
(16,1961)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	14	1.0
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	3	1.0
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	3	1.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	3	1.0
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	3	1.0
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	3	1.0
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	3	1.0
(16,1763)	1:95:A:ILE:HB	1:97:A:ASP:HB2	10	1.0
(16,1763)	1:95:A:ILE:HB	1:97:A:ASP:HB3	10	1.0
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG11	15	1.0
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG12	15	1.0
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG13	15	1.0
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG11	1	1.0
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG12	1	1.0
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG13	1	1.0
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD11	4	1.0
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD12	4	1.0
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD13	4	1.0
(16,1563)	1:58:A:ILE:HD11	1:61:A:SER:H	3	1.0
(16,1563)	1:58:A:ILE:HD12	1:61:A:SER:H	3	1.0
(16,1563)	1:58:A:ILE:HD13	1:61:A:SER:H	3	1.0
(16,1563)	1:58:A:ILE:HD11	1:61:A:SER:H	4	1.0
(16,1563)	1:58:A:ILE:HD12	1:61:A:SER:H	4	1.0
(16,1563)	1:58:A:ILE:HD13	1:61:A:SER:H	4	1.0
(16,1533)	1:69:A:MET:HE1	1:76:A:ARG:HB2	16	1.0
(16,1533)	1:69:A:MET:HE2	1:76:A:ARG:HB2	16	1.0
(16,1533)	1:69:A:MET:HE3	1:76:A:ARG:HB2	16	1.0
(16,1475)	1:95:A:ILE:HG21	1:97:A:ASP:H	15	1.0
(16,1475)	1:95:A:ILE:HG22	1:97:A:ASP:H	15	1.0
(16,1475)	1:95:A:ILE:HG23	1:97:A:ASP:H	15	1.0
(16,960)	1:67:A:PRO:HA	1:70:A:LYS:HG2	15	1.0
(16,884)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	6	1.0
(16,884)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	6	1.0
(16,884)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	8	1.0
(16,884)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	8	1.0
(16,870)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	13	1.0
(16,825)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	16	1.0
(16,825)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	16	1.0
(16,825)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	16	1.0
(16,658)	1:79:A:THR:H	1:80:A:TYR:HD1	13	1.0
(16,658)	1:79:A:THR:H	1:80:A:TYR:HD2	13	1.0
(16,50)	1:98:A:ILE:H	1:101:A:ILE:HG21	19	1.0
(16,50)	1:98:A:ILE:H	1:101:A:ILE:HG22	19	1.0
(16,50)	1:98:A:ILE:H	1:101:A:ILE:HG23	19	1.0
(15,2465)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	10	1.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2465)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	10	1.0
(15,2465)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	10	1.0
(15,2465)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	10	1.0
(15,2465)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	10	1.0
(15,2465)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	10	1.0
(15,1898)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	19	1.0
(15,1898)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	19	1.0
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	14	1.0
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	14	1.0
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	14	1.0
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	14	1.0
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD2	10	1.0
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD3	10	1.0
(15,1499)	1:98:A:ILE:HG21	1:116:A:GLN:HG3	8	1.0
(15,1499)	1:98:A:ILE:HG22	1:116:A:GLN:HG3	8	1.0
(15,1499)	1:98:A:ILE:HG23	1:116:A:GLN:HG3	8	1.0
(15,1468)	1:95:A:ILE:HG21	1:97:A:ASP:H	10	1.0
(15,1468)	1:95:A:ILE:HG22	1:97:A:ASP:H	10	1.0
(15,1468)	1:95:A:ILE:HG23	1:97:A:ASP:H	10	1.0
(15,990)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	1	1.0
(15,990)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	1	1.0
(15,862)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	13	1.0
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	17	1.0
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	17	1.0
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	17	1.0
(13,2211)	1:68:A:LYS:H	1:70:A:LYS:HG2	14	1.0
(13,2211)	1:68:A:LYS:H	1:70:A:LYS:HG3	14	1.0
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD11	1	1.0
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD12	1	1.0
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD13	1	1.0
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD21	1	1.0
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD22	1	1.0
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD23	1	1.0
(13,1921)	1:11:A:ILE:HD11	1:46:A:ASN:HD21	17	1.0
(13,1921)	1:11:A:ILE:HD11	1:46:A:ASN:HD22	17	1.0
(13,1921)	1:11:A:ILE:HD12	1:46:A:ASN:HD21	17	1.0
(13,1921)	1:11:A:ILE:HD12	1:46:A:ASN:HD22	17	1.0
(13,1921)	1:11:A:ILE:HD13	1:46:A:ASN:HD21	17	1.0
(13,1921)	1:11:A:ILE:HD13	1:46:A:ASN:HD22	17	1.0
(13,1880)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	19	1.0
(13,1880)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	19	1.0
(13,1745)	1:13:A:ALA:H	1:80:A:TYR:HD1	17	1.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1745)	1:13:A:ALA:H	1:80:A:TYR:HD2	17	1.0
(13,1300)	1:106:A:ASP:HA	1:112:A:GLN:HE21	7	1.0
(13,905)	1:125:A:THR:HB	1:128:A:LEU:HG	5	1.0
(13,905)	1:125:A:THR:HB	1:128:A:LEU:HG	11	1.0
(13,795)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	16	1.0
(13,795)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	16	1.0
(13,795)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	16	1.0
(13,617)	1:35:A:LEU:H	1:80:A:TYR:HB2	9	1.0
(13,47)	1:98:A:ILE:H	1:101:A:ILE:HG21	19	1.0
(13,47)	1:98:A:ILE:H	1:101:A:ILE:HG22	19	1.0
(13,47)	1:98:A:ILE:H	1:101:A:ILE:HG23	19	1.0
(11,2247)	1:68:A:LYS:H	1:70:A:LYS:HG2	14	1.0
(11,2247)	1:68:A:LYS:H	1:70:A:LYS:HG3	14	1.0
(11,2059)	1:27:A:ARG:HB3	1:30:A:LEU:HD11	10	1.0
(11,2059)	1:27:A:ARG:HB3	1:30:A:LEU:HD12	10	1.0
(11,2059)	1:27:A:ARG:HB3	1:30:A:LEU:HD13	10	1.0
(11,2059)	1:27:A:ARG:HB3	1:30:A:LEU:HD21	10	1.0
(11,2059)	1:27:A:ARG:HB3	1:30:A:LEU:HD22	10	1.0
(11,2059)	1:27:A:ARG:HB3	1:30:A:LEU:HD23	10	1.0
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	15	1.0
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	15	1.0
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	15	1.0
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	15	1.0
(11,1879)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	13	1.0
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD11	4	1.0
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD12	4	1.0
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD13	4	1.0
(11,1605)	1:58:A:ILE:HD11	1:61:A:SER:H	3	1.0
(11,1605)	1:58:A:ILE:HD12	1:61:A:SER:H	3	1.0
(11,1605)	1:58:A:ILE:HD13	1:61:A:SER:H	3	1.0
(11,1605)	1:58:A:ILE:HD11	1:61:A:SER:H	4	1.0
(11,1605)	1:58:A:ILE:HD12	1:61:A:SER:H	4	1.0
(11,1605)	1:58:A:ILE:HD13	1:61:A:SER:H	4	1.0
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG11	15	1.0
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG12	15	1.0
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG13	15	1.0
(11,1334)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	3	1.0
(11,1334)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	3	1.0
(11,1334)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	3	1.0
(11,1147)	1:98:A:ILE:HG13	1:101:A:ILE:HB	19	1.0
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD11	13	1.0
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD12	13	1.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD13	13	1.0
(11,808)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	16	1.0
(11,808)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	16	1.0
(11,808)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	16	1.0
(11,713)	1:44:A:GLU:HB2	1:48:A:ARG:HE	9	1.0
(11,713)	1:44:A:GLU:HB3	1:48:A:ARG:HE	9	1.0
(11,654)	1:79:A:THR:H	1:80:A:TYR:HD1	13	1.0
(11,654)	1:79:A:THR:H	1:80:A:TYR:HD2	13	1.0
(11,314)	1:64:A:LYS:HD2	1:65:A:CYS:H	10	1.0
(11,314)	1:64:A:LYS:HD3	1:65:A:CYS:H	10	1.0
(9,2162)	1:60:A:LEU:HG	1:61:A:SER:HB2	1	1.0
(9,2162)	1:60:A:LEU:HG	1:61:A:SER:HB3	1	1.0
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	15	1.0
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	15	1.0
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	15	1.0
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	15	1.0
(9,1857)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	3	1.0
(9,1857)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	3	1.0
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB1	1	1.0
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB2	1	1.0
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB3	1	1.0
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB1	1	1.0
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB2	1	1.0
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB3	1	1.0
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	3	1.0
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	3	1.0
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	3	1.0
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	3	1.0
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	3	1.0
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	3	1.0
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD11	9	1.0
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD12	9	1.0
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD13	9	1.0
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB1	9	1.0
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB2	9	1.0
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB3	9	1.0
(9,917)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	12	1.0
(9,917)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	12	1.0
(9,917)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	12	1.0
(9,808)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	16	1.0
(9,808)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	16	1.0
(9,808)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	16	1.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1885)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	19	1.0
(7,1885)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	19	1.0
(7,1836)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	3	1.0
(7,1836)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	3	1.0
(7,1747)	1:13:A:ALA:H	1:80:A:TYR:HD1	17	1.0
(7,1747)	1:13:A:ALA:H	1:80:A:TYR:HD2	17	1.0
(7,1022)	1:11:A:ILE:HA	1:14:A:VAL:HB	14	1.0
(7,995)	1:79:A:THR:HG21	1:81:A:GLU:HB2	13	1.0
(7,995)	1:79:A:THR:HG22	1:81:A:GLU:HB2	13	1.0
(7,995)	1:79:A:THR:HG23	1:81:A:GLU:HB2	13	1.0
(7,970)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	1	1.0
(7,970)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	1	1.0
(7,960)	1:15:A:ALA:HB1	1:134:A:VAL:HB	18	1.0
(7,960)	1:15:A:ALA:HB2	1:134:A:VAL:HB	18	1.0
(7,960)	1:15:A:ALA:HB3	1:134:A:VAL:HB	18	1.0
(7,954)	1:11:A:ILE:HG12	1:14:A:VAL:HB	8	1.0
(7,801)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	16	1.0
(7,801)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	16	1.0
(7,801)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	16	1.0
(7,471)	1:12:A:VAL:HG11	1:14:A:VAL:H	19	1.0
(7,471)	1:12:A:VAL:HG12	1:14:A:VAL:H	19	1.0
(7,471)	1:12:A:VAL:HG13	1:14:A:VAL:H	19	1.0
(7,49)	1:98:A:ILE:H	1:101:A:ILE:HG21	19	1.0
(7,49)	1:98:A:ILE:H	1:101:A:ILE:HG22	19	1.0
(7,49)	1:98:A:ILE:H	1:101:A:ILE:HG23	19	1.0
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG11	16	1.0
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG12	16	1.0
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG13	16	1.0
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG21	16	1.0
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG22	16	1.0
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG23	16	1.0
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG11	16	1.0
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG12	16	1.0
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG13	16	1.0
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG21	16	1.0
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG22	16	1.0
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG23	16	1.0
(6,2143)	1:43:A:MET:HB2	1:140:A:LEU:HG	13	1.0
(6,2143)	1:43:A:MET:HB3	1:140:A:LEU:HG	13	1.0
(6,2051)	1:27:A:ARG:HB3	1:30:A:LEU:HD11	10	1.0
(6,2051)	1:27:A:ARG:HB3	1:30:A:LEU:HD12	10	1.0
(6,2051)	1:27:A:ARG:HB3	1:30:A:LEU:HD13	10	1.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2051)	1:27:A:ARG:HB3	1:30:A:LEU:HD21	10	1.0
(6,2051)	1:27:A:ARG:HB3	1:30:A:LEU:HD22	10	1.0
(6,2051)	1:27:A:ARG:HB3	1:30:A:LEU:HD23	10	1.0
(6,1870)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	3	1.0
(6,1870)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	3	1.0
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB1	1	1.0
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB2	1	1.0
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB3	1	1.0
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB1	1	1.0
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB2	1	1.0
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB3	1	1.0
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	3	1.0
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	3	1.0
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	3	1.0
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	3	1.0
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	3	1.0
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	3	1.0
(6,1798)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	6	1.0
(6,1798)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	6	1.0
(6,1798)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	6	1.0
(6,1798)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	6	1.0
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD2	10	1.0
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD3	10	1.0
(6,1027)	1:11:A:ILE:HA	1:14:A:VAL:HB	14	1.0
(6,963)	1:15:A:ALA:HB1	1:134:A:VAL:HB	18	1.0
(6,963)	1:15:A:ALA:HB2	1:134:A:VAL:HB	18	1.0
(6,963)	1:15:A:ALA:HB3	1:134:A:VAL:HB	18	1.0
(6,836)	1:43:A:MET:HE1	1:131:A:LEU:HB3	10	1.0
(6,836)	1:43:A:MET:HE2	1:131:A:LEU:HB3	10	1.0
(6,836)	1:43:A:MET:HE3	1:131:A:LEU:HB3	10	1.0
(6,811)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	16	1.0
(6,811)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	16	1.0
(6,811)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	16	1.0
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	6	1.0
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	6	1.0
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	6	1.0
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	6	1.0
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	6	1.0
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	6	1.0
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	6	1.0
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	6	1.0
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	6	1.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	3	1.0
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	3	1.0
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	3	1.0
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	3	1.0
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	3	1.0
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	3	1.0
(6,152)	1:67:A:PRO:HD3	1:95:A:ILE:H	17	1.0
(6,62)	1:32:A:GLY:HA2	1:81:A:GLU:H	13	1.0
(6,50)	1:98:A:ILE:H	1:101:A:ILE:HG21	19	1.0
(6,50)	1:98:A:ILE:H	1:101:A:ILE:HG22	19	1.0
(6,50)	1:98:A:ILE:H	1:101:A:ILE:HG23	19	1.0
(6,38)	1:98:A:ILE:H	1:105:A:LYS:HA	5	1.0
(5,1884)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	2	1.0
(5,1752)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	6	1.0
(5,1752)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	6	1.0
(5,1752)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	6	1.0
(5,1589)	1:58:A:ILE:HD11	1:61:A:SER:H	3	1.0
(5,1589)	1:58:A:ILE:HD12	1:61:A:SER:H	3	1.0
(5,1589)	1:58:A:ILE:HD13	1:61:A:SER:H	3	1.0
(5,1589)	1:58:A:ILE:HD11	1:61:A:SER:H	4	1.0
(5,1589)	1:58:A:ILE:HD12	1:61:A:SER:H	4	1.0
(5,1589)	1:58:A:ILE:HD13	1:61:A:SER:H	4	1.0
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD11	9	1.0
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD12	9	1.0
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD13	9	1.0
(5,1123)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	9	1.0
(5,1123)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	9	1.0
(5,1123)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	9	1.0
(5,1123)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	9	1.0
(5,1123)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	9	1.0
(5,1123)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	9	1.0
(5,1051)	1:11:A:ILE:HA	1:14:A:VAL:HB	14	1.0
(5,810)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	16	1.0
(5,810)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	16	1.0
(5,810)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	16	1.0
(5,712)	1:44:A:GLU:HB2	1:48:A:ARG:HE	9	1.0
(5,712)	1:44:A:GLU:HB3	1:48:A:ARG:HE	9	1.0
(5,147)	1:67:A:PRO:HD3	1:95:A:ILE:H	17	1.0
(5,49)	1:98:A:ILE:H	1:101:A:ILE:HG21	19	1.0
(5,49)	1:98:A:ILE:H	1:101:A:ILE:HG22	19	1.0
(5,49)	1:98:A:ILE:H	1:101:A:ILE:HG23	19	1.0
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	2	1.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	2	1.0
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	2	1.0
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG21	2	1.0
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG22	2	1.0
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG23	2	1.0
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD11	1	1.0
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD12	1	1.0
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD13	1	1.0
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD21	1	1.0
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD22	1	1.0
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD23	1	1.0
(4,2125)	1:40:A:LEU:HD11	1:44:A:GLU:H	19	1.0
(4,2125)	1:40:A:LEU:HD12	1:44:A:GLU:H	19	1.0
(4,2125)	1:40:A:LEU:HD13	1:44:A:GLU:H	19	1.0
(4,2125)	1:40:A:LEU:HD21	1:44:A:GLU:H	19	1.0
(4,2125)	1:40:A:LEU:HD22	1:44:A:GLU:H	19	1.0
(4,2125)	1:40:A:LEU:HD23	1:44:A:GLU:H	19	1.0
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	2	1.0
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	2	1.0
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	2	1.0
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	2	1.0
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	2	1.0
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	2	1.0
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	19	1.0
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	19	1.0
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	19	1.0
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	19	1.0
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	19	1.0
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	19	1.0
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	10	1.0
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	10	1.0
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	10	1.0
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	10	1.0
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	10	1.0
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	10	1.0
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	10	1.0
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	10	1.0
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	10	1.0
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	10	1.0
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	10	1.0
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	10	1.0
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE1	16	1.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE2	16	1.0
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE3	16	1.0
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE1	16	1.0
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE2	16	1.0
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE3	16	1.0
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE1	16	1.0
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE2	16	1.0
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE3	16	1.0
(4,1436)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	19	1.0
(4,1436)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	19	1.0
(4,1436)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	19	1.0
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG11	15	1.0
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG12	15	1.0
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG13	15	1.0
(4,1202)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	2	1.0
(4,1202)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	2	1.0
(4,1202)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	2	1.0
(4,975)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	1	1.0
(4,975)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	1	1.0
(4,965)	1:15:A:ALA:HB1	1:134:A:VAL:HB	18	1.0
(4,965)	1:15:A:ALA:HB2	1:134:A:VAL:HB	18	1.0
(4,965)	1:15:A:ALA:HB3	1:134:A:VAL:HB	18	1.0
(4,860)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	13	1.0
(4,841)	1:43:A:MET:HE1	1:131:A:LEU:HB3	10	1.0
(4,841)	1:43:A:MET:HE2	1:131:A:LEU:HB3	10	1.0
(4,841)	1:43:A:MET:HE3	1:131:A:LEU:HB3	10	1.0
(4,806)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	16	1.0
(4,806)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	16	1.0
(4,806)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	16	1.0
(4,55)	1:98:A:ILE:H	1:101:A:ILE:HG21	19	1.0
(4,55)	1:98:A:ILE:H	1:101:A:ILE:HG22	19	1.0
(4,55)	1:98:A:ILE:H	1:101:A:ILE:HG23	19	1.0
(3,2071)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	10	1.0
(3,2071)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	10	1.0
(3,2071)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	10	1.0
(3,2071)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	10	1.0
(3,2071)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	10	1.0
(3,2071)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	10	1.0
(3,2071)	1:27:A:ARG:HB3	1:30:A:LEU:HD11	10	1.0
(3,2071)	1:27:A:ARG:HB3	1:30:A:LEU:HD12	10	1.0
(3,2071)	1:27:A:ARG:HB3	1:30:A:LEU:HD13	10	1.0
(3,2071)	1:27:A:ARG:HB3	1:30:A:LEU:HD21	10	1.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2071)	1:27:A:ARG:HB3	1:30:A:LEU:HD22	10	1.0
(3,2071)	1:27:A:ARG:HB3	1:30:A:LEU:HD23	10	1.0
(3,2054)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	12	1.0
(3,2054)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	12	1.0
(3,2054)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	12	1.0
(3,2054)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	12	1.0
(3,2054)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	12	1.0
(3,2054)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	12	1.0
(3,2054)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	12	1.0
(3,2054)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	12	1.0
(3,2054)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	12	1.0
(3,2054)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	12	1.0
(3,2054)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	12	1.0
(3,2054)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	12	1.0
(3,1996)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	3	1.0
(3,1996)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	3	1.0
(3,1996)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	3	1.0
(3,1996)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	3	1.0
(3,1996)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	3	1.0
(3,1996)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	3	1.0
(3,1996)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	3	1.0
(3,1996)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	3	1.0
(3,1996)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	3	1.0
(3,1996)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	3	1.0
(3,1996)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	3	1.0
(3,1996)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	3	1.0
(3,1996)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	11	1.0
(3,1996)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	11	1.0
(3,1996)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	11	1.0
(3,1996)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	11	1.0
(3,1996)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	11	1.0
(3,1996)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	11	1.0
(3,1996)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	11	1.0
(3,1996)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	11	1.0
(3,1996)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	11	1.0
(3,1996)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	11	1.0
(3,1996)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	11	1.0
(3,1996)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	11	1.0
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	15	1.0
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	15	1.0
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	15	1.0
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	15	1.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1885)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	13	1.0
(3,878)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	13	1.0
(3,830)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	16	1.0
(3,830)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	16	1.0
(3,830)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	16	1.0
(3,54)	1:98:A:ILE:H	1:101:A:ILE:HG21	19	1.0
(3,54)	1:98:A:ILE:H	1:101:A:ILE:HG22	19	1.0
(3,54)	1:98:A:ILE:H	1:101:A:ILE:HG23	19	1.0
(2,2227)	1:60:A:LEU:HG	1:61:A:SER:HB2	1	1.0
(2,2227)	1:60:A:LEU:HG	1:61:A:SER:HB3	1	1.0
(2,1805)	1:13:A:ALA:H	1:80:A:TYR:HD1	17	1.0
(2,1805)	1:13:A:ALA:H	1:80:A:TYR:HD2	17	1.0
(2,1756)	1:31:A:PRO:HB2	1:35:A:LEU:HA	10	1.0
(2,1756)	1:31:A:PRO:HB3	1:35:A:LEU:HA	10	1.0
(2,968)	1:47:A:ALA:HB1	1:134:A:VAL:HB	4	1.0
(2,968)	1:47:A:ALA:HB2	1:134:A:VAL:HB	4	1.0
(2,968)	1:47:A:ALA:HB3	1:134:A:VAL:HB	4	1.0
(2,806)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	16	1.0
(2,806)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	16	1.0
(2,806)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	16	1.0
(2,117)	1:10:A:ASN:HD22	1:80:A:TYR:H	18	1.0
(2,49)	1:98:A:ILE:H	1:101:A:ILE:HG21	19	1.0
(2,49)	1:98:A:ILE:H	1:101:A:ILE:HG22	19	1.0
(2,49)	1:98:A:ILE:H	1:101:A:ILE:HG23	19	1.0
(1,2125)	1:40:A:LEU:HD11	1:44:A:GLU:H	19	1.0
(1,2125)	1:40:A:LEU:HD12	1:44:A:GLU:H	19	1.0
(1,2125)	1:40:A:LEU:HD13	1:44:A:GLU:H	19	1.0
(1,2125)	1:40:A:LEU:HD21	1:44:A:GLU:H	19	1.0
(1,2125)	1:40:A:LEU:HD22	1:44:A:GLU:H	19	1.0
(1,2125)	1:40:A:LEU:HD23	1:44:A:GLU:H	19	1.0
(1,2078)	1:35:A:LEU:HD11	1:144:A:LEU:H	9	1.0
(1,2078)	1:35:A:LEU:HD12	1:144:A:LEU:H	9	1.0
(1,2078)	1:35:A:LEU:HD13	1:144:A:LEU:H	9	1.0
(1,2078)	1:35:A:LEU:HD21	1:144:A:LEU:H	9	1.0
(1,2078)	1:35:A:LEU:HD22	1:144:A:LEU:H	9	1.0
(1,2078)	1:35:A:LEU:HD23	1:144:A:LEU:H	9	1.0
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE1	13	1.0
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE2	13	1.0
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	2	1.0
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	2	1.0
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	2	1.0
(1,1449)	1:31:A:PRO:HD3	1:143:A:TRP:HA	17	1.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	18	1.0
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	18	1.0
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	18	1.0
(1,1385)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	13	1.0
(1,1385)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	13	1.0
(1,1385)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	13	1.0
(1,915)	1:67:A:PRO:HD3	1:95:A:ILE:HB	18	1.0
(1,7)	1:39:A:VAL:HG11	1:143:A:TRP:HE1	2	1.0
(1,7)	1:39:A:VAL:HG12	1:143:A:TRP:HE1	2	1.0
(1,7)	1:39:A:VAL:HG13	1:143:A:TRP:HE1	2	1.0
(34,2208)	1:60:A:LEU:HD11	1:61:A:SER:HB2	11	0.99
(34,2208)	1:60:A:LEU:HD11	1:61:A:SER:HB3	11	0.99
(34,2208)	1:60:A:LEU:HD12	1:61:A:SER:HB2	11	0.99
(34,2208)	1:60:A:LEU:HD12	1:61:A:SER:HB3	11	0.99
(34,2208)	1:60:A:LEU:HD13	1:61:A:SER:HB2	11	0.99
(34,2208)	1:60:A:LEU:HD13	1:61:A:SER:HB3	11	0.99
(34,2140)	1:40:A:LEU:HD11	1:44:A:GLU:H	13	0.99
(34,2140)	1:40:A:LEU:HD12	1:44:A:GLU:H	13	0.99
(34,2140)	1:40:A:LEU:HD13	1:44:A:GLU:H	13	0.99
(34,2140)	1:40:A:LEU:HD21	1:44:A:GLU:H	13	0.99
(34,2140)	1:40:A:LEU:HD22	1:44:A:GLU:H	13	0.99
(34,2140)	1:40:A:LEU:HD23	1:44:A:GLU:H	13	0.99
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD11	9	0.99
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD12	9	0.99
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD13	9	0.99
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD21	9	0.99
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD22	9	0.99
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD23	9	0.99
(34,1900)	1:18:A:PHE:HE1	1:131:A:LEU:H	16	0.99
(34,1900)	1:18:A:PHE:HE2	1:131:A:LEU:H	16	0.99
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE1	15	0.99
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE2	15	0.99
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE3	15	0.99
(34,1238)	1:69:A:MET:HE1	1:110:A:MET:HA	5	0.99
(34,1238)	1:69:A:MET:HE2	1:110:A:MET:HA	5	0.99
(34,1238)	1:69:A:MET:HE3	1:110:A:MET:HA	5	0.99
(34,817)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	6	0.99
(34,817)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	6	0.99
(34,817)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	6	0.99
(34,656)	1:70:A:LYS:H	1:74:A:PRO:HA	3	0.99
(33,2136)	1:40:A:LEU:HD11	1:44:A:GLU:H	19	0.99
(33,2136)	1:40:A:LEU:HD12	1:44:A:GLU:H	19	0.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2136)	1:40:A:LEU:HD13	1:44:A:GLU:H	19	0.99
(33,2136)	1:40:A:LEU:HD21	1:44:A:GLU:H	19	0.99
(33,2136)	1:40:A:LEU:HD22	1:44:A:GLU:H	19	0.99
(33,2136)	1:40:A:LEU:HD23	1:44:A:GLU:H	19	0.99
(33,1909)	1:35:A:LEU:HG	1:80:A:TYR:HE1	19	0.99
(33,1909)	1:35:A:LEU:HG	1:80:A:TYR:HE2	19	0.99
(33,1892)	1:18:A:PHE:HE1	1:131:A:LEU:H	16	0.99
(33,1892)	1:18:A:PHE:HE2	1:131:A:LEU:H	16	0.99
(33,1788)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	3	0.99
(33,1788)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	3	0.99
(33,1788)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	3	0.99
(33,1788)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	3	0.99
(33,1237)	1:136:A:CYS:HA	1:140:A:LEU:HD21	8	0.99
(33,1237)	1:136:A:CYS:HA	1:140:A:LEU:HD22	8	0.99
(33,1237)	1:136:A:CYS:HA	1:140:A:LEU:HD23	8	0.99
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD21	8	0.99
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD22	8	0.99
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD23	8	0.99
(33,1003)	1:98:A:ILE:HB	1:105:A:LYS:HB2	9	0.99
(33,1003)	1:98:A:ILE:HB	1:105:A:LYS:HB3	9	0.99
(33,981)	1:15:A:ALA:HB1	1:134:A:VAL:HB	14	0.99
(33,981)	1:15:A:ALA:HB2	1:134:A:VAL:HB	14	0.99
(33,981)	1:15:A:ALA:HB3	1:134:A:VAL:HB	14	0.99
(33,975)	1:11:A:ILE:HG12	1:14:A:VAL:HB	17	0.99
(33,846)	1:48:A:ARG:HD2	1:49:A:LYS:H	14	0.99
(33,846)	1:48:A:ARG:HD3	1:49:A:LYS:H	14	0.99
(33,813)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	6	0.99
(33,813)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	6	0.99
(33,813)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	6	0.99
(33,648)	1:70:A:LYS:H	1:74:A:PRO:HA	3	0.99
(33,588)	1:70:A:LYS:HB2	1:75:A:GLY:H	6	0.99
(33,588)	1:70:A:LYS:HB3	1:75:A:GLY:H	6	0.99
(33,229)	1:44:A:GLU:HG3	1:48:A:ARG:H	19	0.99
(32,1858)	1:18:A:PHE:HE1	1:131:A:LEU:H	16	0.99
(32,1858)	1:18:A:PHE:HE2	1:131:A:LEU:H	16	0.99
(32,1851)	1:104:A:PHE:HE1	1:105:A:LYS:H	17	0.99
(32,1851)	1:104:A:PHE:HE2	1:105:A:LYS:H	17	0.99
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD21	8	0.99
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD22	8	0.99
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD23	8	0.99
(32,701)	1:44:A:GLU:HB2	1:54:A:ARG:HE	19	0.99
(32,701)	1:44:A:GLU:HB3	1:54:A:ARG:HE	19	0.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1894)	1:18:A:PHE:HE1	1:131:A:LEU:H	16	0.99
(30,1894)	1:18:A:PHE:HE2	1:131:A:LEU:H	16	0.99
(30,1549)	1:143:A:TRP:HD1	1:144:A:LEU:HD21	14	0.99
(30,1549)	1:143:A:TRP:HD1	1:144:A:LEU:HD22	14	0.99
(30,1549)	1:143:A:TRP:HD1	1:144:A:LEU:HD23	14	0.99
(30,989)	1:35:A:LEU:HG	1:143:A:TRP:HB3	6	0.99
(30,806)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	6	0.99
(30,806)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	6	0.99
(30,806)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	6	0.99
(30,716)	1:44:A:GLU:HB2	1:54:A:ARG:HE	19	0.99
(30,716)	1:44:A:GLU:HB3	1:54:A:ARG:HE	19	0.99
(30,686)	1:39:A:VAL:HB	1:144:A:LEU:H	1	0.99
(30,647)	1:70:A:LYS:H	1:74:A:PRO:HA	3	0.99
(29,2440)	1:144:A:LEU:HB2	1:147:A:ARG:HE	10	0.99
(29,2440)	1:144:A:LEU:HB3	1:147:A:ARG:HE	10	0.99
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD11	17	0.99
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD12	17	0.99
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD13	17	0.99
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD21	17	0.99
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD22	17	0.99
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD23	17	0.99
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG21	12	0.99
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG22	12	0.99
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG23	12	0.99
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG21	12	0.99
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG22	12	0.99
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG23	12	0.99
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG21	12	0.99
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG22	12	0.99
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG23	12	0.99
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG21	12	0.99
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG22	12	0.99
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG23	12	0.99
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG21	12	0.99
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG22	12	0.99
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG23	12	0.99
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG21	12	0.99
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG22	12	0.99
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG23	12	0.99
(29,1911)	1:18:A:PHE:HE1	1:131:A:LEU:H	16	0.99
(29,1911)	1:18:A:PHE:HE2	1:131:A:LEU:H	16	0.99
(29,1901)	1:104:A:PHE:HE1	1:105:A:LYS:H	17	0.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1901)	1:104:A:PHE:HE2	1:105:A:LYS:H	17	0.99
(29,938)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	9	0.99
(29,938)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	9	0.99
(29,938)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	9	0.99
(29,938)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	9	0.99
(29,825)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	6	0.99
(29,825)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	6	0.99
(29,825)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	6	0.99
(29,726)	1:44:A:GLU:HB2	1:54:A:ARG:HE	19	0.99
(29,726)	1:44:A:GLU:HB3	1:54:A:ARG:HE	19	0.99
(29,654)	1:70:A:LYS:H	1:74:A:PRO:HA	3	0.99
(29,587)	1:129:A:LYS:HG2	1:130:A:GLY:H	1	0.99
(29,233)	1:44:A:GLU:HG3	1:48:A:ARG:H	19	0.99
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD11	7	0.99
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD12	7	0.99
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD13	7	0.99
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD21	7	0.99
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD22	7	0.99
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD23	7	0.99
(18,1881)	1:18:A:PHE:HE1	1:131:A:LEU:H	16	0.99
(18,1881)	1:18:A:PHE:HE2	1:131:A:LEU:H	16	0.99
(18,1684)	1:43:A:MET:HE1	1:131:A:LEU:HB3	14	0.99
(18,1684)	1:43:A:MET:HE2	1:131:A:LEU:HB3	14	0.99
(18,1684)	1:43:A:MET:HE3	1:131:A:LEU:HB3	14	0.99
(18,1643)	1:69:A:MET:HE1	1:116:A:GLN:HG3	2	0.99
(18,1643)	1:69:A:MET:HE2	1:116:A:GLN:HG3	2	0.99
(18,1643)	1:69:A:MET:HE3	1:116:A:GLN:HG3	2	0.99
(18,1376)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	13	0.99
(18,1376)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	13	0.99
(18,1376)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	13	0.99
(18,1235)	1:79:A:THR:HG21	1:81:A:GLU:HA	4	0.99
(18,1235)	1:79:A:THR:HG22	1:81:A:GLU:HA	4	0.99
(18,1235)	1:79:A:THR:HG23	1:81:A:GLU:HA	4	0.99
(18,1010)	1:98:A:ILE:HB	1:105:A:LYS:HB2	9	0.99
(18,1010)	1:98:A:ILE:HB	1:105:A:LYS:HB3	9	0.99
(18,937)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	9	0.99
(18,937)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	9	0.99
(18,937)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	9	0.99
(18,937)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	9	0.99
(18,822)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	6	0.99
(18,822)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	6	0.99
(18,822)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	6	0.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,661)	1:70:A:LYS:H	1:74:A:PRO:HA	3	0.99
(18,166)	1:95:A:ILE:H	1:95:A:ILE:HB	18	0.99
(18,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	8	0.99
(18,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	18	0.99
(17,2183)	1:47:A:ALA:H	1:134:A:VAL:HG11	11	0.99
(17,2183)	1:47:A:ALA:H	1:134:A:VAL:HG12	11	0.99
(17,2183)	1:47:A:ALA:H	1:134:A:VAL:HG13	11	0.99
(17,2183)	1:47:A:ALA:H	1:134:A:VAL:HG21	11	0.99
(17,2183)	1:47:A:ALA:H	1:134:A:VAL:HG22	11	0.99
(17,2183)	1:47:A:ALA:H	1:134:A:VAL:HG23	11	0.99
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD11	11	0.99
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD12	11	0.99
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD13	11	0.99
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD21	11	0.99
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD22	11	0.99
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD23	11	0.99
(17,1923)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	10	0.99
(17,1923)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	10	0.99
(17,1923)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	10	0.99
(17,1923)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	10	0.99
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD21	4	0.99
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD22	4	0.99
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD23	4	0.99
(17,1179)	1:136:A:CYS:HA	1:140:A:LEU:HD21	8	0.99
(17,1179)	1:136:A:CYS:HA	1:140:A:LEU:HD22	8	0.99
(17,1179)	1:136:A:CYS:HA	1:140:A:LEU:HD23	8	0.99
(17,1004)	1:98:A:ILE:HB	1:105:A:LYS:HB2	9	0.99
(17,1004)	1:98:A:ILE:HB	1:105:A:LYS:HB3	9	0.99
(17,931)	1:125:A:THR:HB	1:128:A:LEU:HG	4	0.99
(17,849)	1:48:A:ARG:HD2	1:49:A:LYS:H	14	0.99
(17,849)	1:48:A:ARG:HD3	1:49:A:LYS:H	14	0.99
(17,819)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	6	0.99
(17,819)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	6	0.99
(17,819)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	6	0.99
(17,650)	1:70:A:LYS:H	1:74:A:PRO:HA	3	0.99
(17,599)	1:55:A:GLY:H	1:122:A:ASP:HB3	2	0.99
(17,436)	1:68:A:LYS:H	1:70:A:LYS:HG2	19	0.99
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	13	0.99
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	13	0.99
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	13	0.99
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	13	0.99
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	13	0.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	13	0.99
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	13	0.99
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	13	0.99
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	13	0.99
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	13	0.99
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	13	0.99
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	13	0.99
(16,1888)	1:150:A:THR:H	1:151:A:PHE:HD1	5	0.99
(16,1888)	1:150:A:THR:H	1:151:A:PHE:HD2	5	0.99
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	9	0.99
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	9	0.99
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	9	0.99
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	9	0.99
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	9	0.99
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	9	0.99
(16,1716)	1:21:A:THR:HG21	1:147:A:ARG:HE	14	0.99
(16,1716)	1:21:A:THR:HG22	1:147:A:ARG:HE	14	0.99
(16,1716)	1:21:A:THR:HG23	1:147:A:ARG:HE	14	0.99
(16,1531)	1:69:A:MET:HE1	1:76:A:ARG:HG2	4	0.99
(16,1531)	1:69:A:MET:HE1	1:76:A:ARG:HG3	4	0.99
(16,1531)	1:69:A:MET:HE2	1:76:A:ARG:HG2	4	0.99
(16,1531)	1:69:A:MET:HE2	1:76:A:ARG:HG3	4	0.99
(16,1531)	1:69:A:MET:HE3	1:76:A:ARG:HG2	4	0.99
(16,1531)	1:69:A:MET:HE3	1:76:A:ARG:HG3	4	0.99
(16,1503)	1:11:A:ILE:HA	1:43:A:MET:HE1	18	0.99
(16,1503)	1:11:A:ILE:HA	1:43:A:MET:HE2	18	0.99
(16,1503)	1:11:A:ILE:HA	1:43:A:MET:HE3	18	0.99
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD21	8	0.99
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD22	8	0.99
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD23	8	0.99
(16,968)	1:39:A:VAL:HA	1:43:A:MET:HG2	11	0.99
(16,825)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	6	0.99
(16,825)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	6	0.99
(16,825)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	6	0.99
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	3	0.99
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	3	0.99
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	3	0.99
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	3	0.99
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	3	0.99
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	3	0.99
(16,652)	1:70:A:LYS:H	1:74:A:PRO:HA	3	0.99
(16,445)	1:68:A:LYS:H	1:70:A:LYS:HG2	19	0.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG11	4	0.99
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG12	4	0.99
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG13	4	0.99
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG21	4	0.99
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG22	4	0.99
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG23	4	0.99
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD11	11	0.99
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD12	11	0.99
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD13	11	0.99
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD21	11	0.99
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD22	11	0.99
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD23	11	0.99
(15,1864)	1:104:A:PHE:HE1	1:105:A:LYS:H	17	0.99
(15,1864)	1:104:A:PHE:HE2	1:105:A:LYS:H	17	0.99
(15,1212)	1:69:A:MET:HE1	1:110:A:MET:HA	5	0.99
(15,1212)	1:69:A:MET:HE2	1:110:A:MET:HA	5	0.99
(15,1212)	1:69:A:MET:HE3	1:110:A:MET:HA	5	0.99
(15,1169)	1:136:A:CYS:HA	1:140:A:LEU:HD21	8	0.99
(15,1169)	1:136:A:CYS:HA	1:140:A:LEU:HD22	8	0.99
(15,1169)	1:136:A:CYS:HA	1:140:A:LEU:HD23	8	0.99
(15,762)	1:13:A:ALA:HB1	1:34:A:LYS:H	6	0.99
(15,762)	1:13:A:ALA:HB2	1:34:A:LYS:H	6	0.99
(15,762)	1:13:A:ALA:HB3	1:34:A:LYS:H	6	0.99
(15,762)	1:13:A:ALA:HB1	1:34:A:LYS:H	15	0.99
(15,762)	1:13:A:ALA:HB2	1:34:A:LYS:H	15	0.99
(15,762)	1:13:A:ALA:HB3	1:34:A:LYS:H	15	0.99
(15,655)	1:70:A:LYS:H	1:74:A:PRO:HA	3	0.99
(13,2097)	1:43:A:MET:HE1	1:46:A:ASN:HD21	18	0.99
(13,2097)	1:43:A:MET:HE1	1:46:A:ASN:HD22	18	0.99
(13,2097)	1:43:A:MET:HE2	1:46:A:ASN:HD21	18	0.99
(13,2097)	1:43:A:MET:HE2	1:46:A:ASN:HD22	18	0.99
(13,2097)	1:43:A:MET:HE3	1:46:A:ASN:HD21	18	0.99
(13,2097)	1:43:A:MET:HE3	1:46:A:ASN:HD22	18	0.99
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD11	7	0.99
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD12	7	0.99
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD13	7	0.99
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD21	7	0.99
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD22	7	0.99
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD23	7	0.99
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG21	12	0.99
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG22	12	0.99
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG23	12	0.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG21	12	0.99
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG22	12	0.99
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG23	12	0.99
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG21	12	0.99
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG22	12	0.99
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG23	12	0.99
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG21	12	0.99
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG22	12	0.99
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG23	12	0.99
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG21	12	0.99
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG22	12	0.99
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG23	12	0.99
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG21	12	0.99
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG22	12	0.99
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG23	12	0.99
(13,910)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	9	0.99
(13,910)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	9	0.99
(13,910)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	9	0.99
(13,910)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	9	0.99
(13,905)	1:125:A:THR:HB	1:128:A:LEU:HG	4	0.99
(13,795)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	6	0.99
(13,795)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	6	0.99
(13,795)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	6	0.99
(13,417)	1:100:A:ALA:H	1:119:A:LEU:HB3	6	0.99
(11,2418)	1:134:A:VAL:HG11	1:137:A:SER:H	2	0.99
(11,2418)	1:134:A:VAL:HG12	1:137:A:SER:H	2	0.99
(11,2418)	1:134:A:VAL:HG13	1:137:A:SER:H	2	0.99
(11,2418)	1:134:A:VAL:HG21	1:137:A:SER:H	2	0.99
(11,2418)	1:134:A:VAL:HG22	1:137:A:SER:H	2	0.99
(11,2418)	1:134:A:VAL:HG23	1:137:A:SER:H	2	0.99
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD11	8	0.99
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD12	8	0.99
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD13	8	0.99
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD21	8	0.99
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD22	8	0.99
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD23	8	0.99
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD11	8	0.99
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD12	8	0.99
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD13	8	0.99
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD21	8	0.99
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD22	8	0.99
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD23	8	0.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2146)	1:40:A:LEU:HD11	1:44:A:GLU:H	19	0.99
(11,2146)	1:40:A:LEU:HD12	1:44:A:GLU:H	19	0.99
(11,2146)	1:40:A:LEU:HD13	1:44:A:GLU:H	19	0.99
(11,2146)	1:40:A:LEU:HD21	1:44:A:GLU:H	19	0.99
(11,2146)	1:40:A:LEU:HD22	1:44:A:GLU:H	19	0.99
(11,2146)	1:40:A:LEU:HD23	1:44:A:GLU:H	19	0.99
(11,2075)	1:32:A:GLY:HA2	1:81:A:GLU:H	9	0.99
(11,2075)	1:32:A:GLY:HA3	1:81:A:GLU:H	9	0.99
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	18	0.99
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	18	0.99
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	18	0.99
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	18	0.99
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	18	0.99
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	18	0.99
(11,1931)	1:35:A:LEU:HG	1:80:A:TYR:HE1	19	0.99
(11,1931)	1:35:A:LEU:HG	1:80:A:TYR:HE2	19	0.99
(11,1912)	1:18:A:PHE:HE1	1:131:A:LEU:H	16	0.99
(11,1912)	1:18:A:PHE:HE2	1:131:A:LEU:H	16	0.99
(11,1844)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	1	0.99
(11,1844)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	1	0.99
(11,1576)	1:143:A:TRP:HD1	1:144:A:LEU:HD21	14	0.99
(11,1576)	1:143:A:TRP:HD1	1:144:A:LEU:HD22	14	0.99
(11,1576)	1:143:A:TRP:HD1	1:144:A:LEU:HD23	14	0.99
(11,971)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	14	0.99
(11,971)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	14	0.99
(11,935)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	9	0.99
(11,935)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	9	0.99
(11,935)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	9	0.99
(11,935)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	9	0.99
(11,808)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	6	0.99
(11,808)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	6	0.99
(11,808)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	6	0.99
(11,650)	1:70:A:LYS:H	1:74:A:PRO:HA	3	0.99
(11,227)	1:44:A:GLU:HG3	1:48:A:ARG:H	19	0.99
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG11	5	0.99
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG12	5	0.99
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG13	5	0.99
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG21	5	0.99
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG22	5	0.99
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG23	5	0.99
(9,1892)	1:18:A:PHE:HE1	1:131:A:LEU:H	16	0.99
(9,1892)	1:18:A:PHE:HE2	1:131:A:LEU:H	16	0.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	9	0.99
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	9	0.99
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	9	0.99
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	9	0.99
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	9	0.99
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	9	0.99
(9,1451)	1:13:A:ALA:HB1	1:78:A:HIS:HA	10	0.99
(9,1451)	1:13:A:ALA:HB2	1:78:A:HIS:HA	10	0.99
(9,1451)	1:13:A:ALA:HB3	1:78:A:HIS:HA	10	0.99
(9,1367)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	11	0.99
(9,1367)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	11	0.99
(9,1367)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	11	0.99
(9,808)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	6	0.99
(9,808)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	6	0.99
(9,808)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	6	0.99
(9,233)	1:44:A:GLU:HG3	1:48:A:ARG:H	19	0.99
(9,153)	1:67:A:PRO:HD3	1:95:A:ILE:H	16	0.99
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD11	13	0.99
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD12	13	0.99
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD13	13	0.99
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD21	13	0.99
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD22	13	0.99
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD23	13	0.99
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD11	13	0.99
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD12	13	0.99
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD13	13	0.99
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD21	13	0.99
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD22	13	0.99
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD23	13	0.99
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD11	13	0.99
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD12	13	0.99
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD13	13	0.99
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD21	13	0.99
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD22	13	0.99
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD23	13	0.99
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD11	13	0.99
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD12	13	0.99
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD13	13	0.99
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD21	13	0.99
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD22	13	0.99
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD23	13	0.99
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD11	13	0.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD12	13	0.99
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD13	13	0.99
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD21	13	0.99
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD22	13	0.99
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD23	13	0.99
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD11	13	0.99
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD12	13	0.99
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD13	13	0.99
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD21	13	0.99
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD22	13	0.99
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD23	13	0.99
(7,2027)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	4	0.99
(7,2027)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	4	0.99
(7,2027)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	4	0.99
(7,2027)	1:31:A:PRO:HD2	1:144:A:LEU:HD21	4	0.99
(7,2027)	1:31:A:PRO:HD2	1:144:A:LEU:HD22	4	0.99
(7,2027)	1:31:A:PRO:HD2	1:144:A:LEU:HD23	4	0.99
(7,2027)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	4	0.99
(7,2027)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	4	0.99
(7,2027)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	4	0.99
(7,2027)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	4	0.99
(7,2027)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	4	0.99
(7,2027)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	4	0.99
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	3	0.99
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	3	0.99
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	3	0.99
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD21	3	0.99
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD22	3	0.99
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD23	3	0.99
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	3	0.99
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	3	0.99
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	3	0.99
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD21	3	0.99
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD22	3	0.99
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD23	3	0.99
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	3	0.99
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	3	0.99
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	3	0.99
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD21	3	0.99
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD22	3	0.99
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD23	3	0.99
(7,1782)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	1	0.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1782)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	1	0.99
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD11	4	0.99
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD12	4	0.99
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD13	4	0.99
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	16	0.99
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	16	0.99
(7,983)	1:98:A:ILE:HB	1:105:A:LYS:HB2	9	0.99
(7,983)	1:98:A:ILE:HB	1:105:A:LYS:HB3	9	0.99
(7,960)	1:15:A:ALA:HB1	1:134:A:VAL:HB	14	0.99
(7,960)	1:15:A:ALA:HB2	1:134:A:VAL:HB	14	0.99
(7,960)	1:15:A:ALA:HB3	1:134:A:VAL:HB	14	0.99
(7,801)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	6	0.99
(7,801)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	6	0.99
(7,801)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	6	0.99
(7,649)	1:70:A:LYS:H	1:74:A:PRO:HA	3	0.99
(7,588)	1:70:A:LYS:HB2	1:75:A:GLY:H	6	0.99
(7,588)	1:70:A:LYS:HB3	1:75:A:GLY:H	6	0.99
(6,2001)	1:14:A:VAL:HG11	1:18:A:PHE:HB2	9	0.99
(6,2001)	1:14:A:VAL:HG12	1:18:A:PHE:HB2	9	0.99
(6,2001)	1:14:A:VAL:HG13	1:18:A:PHE:HB2	9	0.99
(6,2001)	1:14:A:VAL:HG21	1:18:A:PHE:HB2	9	0.99
(6,2001)	1:14:A:VAL:HG22	1:18:A:PHE:HB2	9	0.99
(6,2001)	1:14:A:VAL:HG23	1:18:A:PHE:HB2	9	0.99
(6,1920)	1:35:A:LEU:HG	1:80:A:TYR:HE1	19	0.99
(6,1920)	1:35:A:LEU:HG	1:80:A:TYR:HE2	19	0.99
(6,1904)	1:18:A:PHE:HE1	1:117:A:VAL:HA	8	0.99
(6,1904)	1:18:A:PHE:HE2	1:117:A:VAL:HA	8	0.99
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	9	0.99
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	9	0.99
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	9	0.99
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	9	0.99
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	9	0.99
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	9	0.99
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	2	0.99
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	2	0.99
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	2	0.99
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	2	0.99
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	2	0.99
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	2	0.99
(6,1168)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	4	0.99
(6,1168)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	4	0.99
(6,1168)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	4	0.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,963)	1:15:A:ALA:HB1	1:134:A:VAL:HB	14	0.99
(6,963)	1:15:A:ALA:HB2	1:134:A:VAL:HB	14	0.99
(6,963)	1:15:A:ALA:HB3	1:134:A:VAL:HB	14	0.99
(6,956)	1:11:A:ILE:HG13	1:14:A:VAL:HB	12	0.99
(6,855)	1:18:A:PHE:HZ	1:60:A:LEU:HB2	13	0.99
(6,832)	1:48:A:ARG:HD2	1:49:A:LYS:H	14	0.99
(6,832)	1:48:A:ARG:HD3	1:49:A:LYS:H	14	0.99
(6,811)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	6	0.99
(6,811)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	6	0.99
(6,811)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	6	0.99
(6,743)	1:43:A:MET:HE1	1:134:A:VAL:H	8	0.99
(6,743)	1:43:A:MET:HE2	1:134:A:VAL:H	8	0.99
(6,743)	1:43:A:MET:HE3	1:134:A:VAL:H	8	0.99
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	4	0.99
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	4	0.99
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	4	0.99
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	4	0.99
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	4	0.99
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	4	0.99
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	4	0.99
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	4	0.99
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	4	0.99
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	4	0.99
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	4	0.99
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	4	0.99
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	4	0.99
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	4	0.99
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	4	0.99
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	4	0.99
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	4	0.99
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	4	0.99
(5,1727)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	15	0.99
(5,1727)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	15	0.99
(5,1727)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	15	0.99
(5,1001)	1:98:A:ILE:HB	1:105:A:LYS:HB2	9	0.99
(5,1001)	1:98:A:ILE:HB	1:105:A:LYS:HB3	9	0.99
(5,977)	1:47:A:ALA:HB1	1:134:A:VAL:HB	5	0.99
(5,977)	1:47:A:ALA:HB2	1:134:A:VAL:HB	5	0.99
(5,977)	1:47:A:ALA:HB3	1:134:A:VAL:HB	5	0.99
(5,843)	1:43:A:MET:HE1	1:144:A:LEU:HB3	13	0.99
(5,843)	1:43:A:MET:HE2	1:144:A:LEU:HB3	13	0.99
(5,843)	1:43:A:MET:HE3	1:144:A:LEU:HB3	13	0.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,843)	1:43:A:MET:HE1	1:144:A:LEU:HB2	13	0.99
(5,843)	1:43:A:MET:HE2	1:144:A:LEU:HB2	13	0.99
(5,843)	1:43:A:MET:HE3	1:144:A:LEU:HB2	13	0.99
(5,817)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	3	0.99
(5,817)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	3	0.99
(5,817)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	3	0.99
(5,810)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	6	0.99
(5,810)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	6	0.99
(5,810)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	6	0.99
(5,650)	1:70:A:LYS:H	1:74:A:PRO:HA	3	0.99
(4,965)	1:15:A:ALA:HB1	1:134:A:VAL:HB	14	0.99
(4,965)	1:15:A:ALA:HB2	1:134:A:VAL:HB	14	0.99
(4,965)	1:15:A:ALA:HB3	1:134:A:VAL:HB	14	0.99
(4,837)	1:48:A:ARG:HD2	1:49:A:LYS:H	14	0.99
(4,837)	1:48:A:ARG:HD3	1:49:A:LYS:H	14	0.99
(4,833)	1:48:A:ARG:HD2	1:49:A:LYS:HA	18	0.99
(4,833)	1:48:A:ARG:HD3	1:49:A:LYS:HA	18	0.99
(4,806)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	6	0.99
(4,806)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	6	0.99
(4,806)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	6	0.99
(4,639)	1:70:A:LYS:H	1:74:A:PRO:HA	3	0.99
(4,571)	1:126:A:GLY:H	1:128:A:LEU:HG	3	0.99
(4,304)	1:64:A:LYS:HD2	1:65:A:CYS:H	4	0.99
(4,304)	1:64:A:LYS:HD3	1:65:A:CYS:H	4	0.99
(3,2500)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	16	0.99
(3,2500)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	16	0.99
(3,2500)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	16	0.99
(3,2500)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	16	0.99
(3,2500)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	16	0.99
(3,2500)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	16	0.99
(3,2171)	1:43:A:MET:HE1	1:46:A:ASN:HD21	18	0.99
(3,2171)	1:43:A:MET:HE1	1:46:A:ASN:HD22	18	0.99
(3,2171)	1:43:A:MET:HE2	1:46:A:ASN:HD21	18	0.99
(3,2171)	1:43:A:MET:HE2	1:46:A:ASN:HD22	18	0.99
(3,2171)	1:43:A:MET:HE3	1:46:A:ASN:HD21	18	0.99
(3,2171)	1:43:A:MET:HE3	1:46:A:ASN:HD22	18	0.99
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD11	11	0.99
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD12	11	0.99
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD13	11	0.99
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD21	11	0.99
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD22	11	0.99
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD23	11	0.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG21	5	0.99
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG22	5	0.99
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG23	5	0.99
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG21	5	0.99
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG22	5	0.99
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG23	5	0.99
(3,1937)	1:35:A:LEU:HG	1:80:A:TYR:HE1	19	0.99
(3,1937)	1:35:A:LEU:HG	1:80:A:TYR:HE2	19	0.99
(3,1933)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	11	0.99
(3,1933)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	11	0.99
(3,1933)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	11	0.99
(3,1933)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	11	0.99
(3,1921)	1:18:A:PHE:HE1	1:131:A:LEU:H	16	0.99
(3,1921)	1:18:A:PHE:HE2	1:131:A:LEU:H	16	0.99
(3,1643)	1:22:A:ASP:H	1:24:A:ASP:HA	10	0.99
(3,1372)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	17	0.99
(3,1372)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	17	0.99
(3,1372)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	17	0.99
(3,1372)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	17	0.99
(3,1372)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	17	0.99
(3,1372)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	17	0.99
(3,1196)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	9	0.99
(3,1196)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	9	0.99
(3,1196)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	9	0.99
(3,1015)	1:98:A:ILE:HB	1:105:A:LYS:HB2	9	0.99
(3,1015)	1:98:A:ILE:HB	1:105:A:LYS:HB3	9	0.99
(3,980)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	14	0.99
(3,980)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	14	0.99
(3,857)	1:48:A:ARG:HD2	1:49:A:LYS:H	14	0.99
(3,857)	1:48:A:ARG:HD3	1:49:A:LYS:H	14	0.99
(3,830)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	6	0.99
(3,830)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	6	0.99
(3,830)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	6	0.99
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	15	0.99
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	15	0.99
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	15	0.99
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	15	0.99
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	15	0.99
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	15	0.99
(3,655)	1:70:A:LYS:H	1:74:A:PRO:HA	3	0.99
(3,425)	1:100:A:ALA:H	1:119:A:LEU:HB3	6	0.99
(3,278)	1:113:A:PHE:H	1:116:A:GLN:HG3	7	0.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,230)	1:44:A:GLU:HG3	1:48:A:ARG:H	19	0.99
(2,2464)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	16	0.99
(2,2464)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	16	0.99
(2,2464)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	16	0.99
(2,2464)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	16	0.99
(2,2464)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	16	0.99
(2,2464)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	16	0.99
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG11	16	0.99
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG12	16	0.99
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG13	16	0.99
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG21	16	0.99
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG22	16	0.99
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG23	16	0.99
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	2	0.99
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	2	0.99
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	2	0.99
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	2	0.99
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	2	0.99
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	2	0.99
(2,1919)	1:18:A:PHE:HE1	1:131:A:LEU:H	16	0.99
(2,1919)	1:18:A:PHE:HE2	1:131:A:LEU:H	16	0.99
(2,1559)	1:143:A:TRP:HD1	1:144:A:LEU:HD21	14	0.99
(2,1559)	1:143:A:TRP:HD1	1:144:A:LEU:HD22	14	0.99
(2,1559)	1:143:A:TRP:HD1	1:144:A:LEU:HD23	14	0.99
(2,956)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	9	0.99
(2,956)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	9	0.99
(2,942)	1:39:A:VAL:HA	1:43:A:MET:HG2	11	0.99
(2,806)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	6	0.99
(2,806)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	6	0.99
(2,806)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	6	0.99
(2,684)	1:39:A:VAL:HB	1:144:A:LEU:H	1	0.99
(2,649)	1:70:A:LYS:H	1:74:A:PRO:HA	3	0.99
(2,581)	1:129:A:LYS:HG2	1:130:A:GLY:H	1	0.99
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	7	0.99
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	7	0.99
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	7	0.99
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	7	0.99
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	7	0.99
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	7	0.99
(1,1019)	1:98:A:ILE:HB	1:105:A:LYS:HB2	9	0.99
(1,1019)	1:98:A:ILE:HB	1:105:A:LYS:HB3	9	0.99
(1,852)	1:45:A:ALA:HA	1:48:A:ARG:HD2	14	0.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,852)	1:45:A:ALA:HA	1:48:A:ARG:HD3	14	0.99
(1,832)	1:98:A:ILE:HD11	1:101:A:ILE:HB	10	0.99
(1,832)	1:98:A:ILE:HD12	1:101:A:ILE:HB	10	0.99
(1,832)	1:98:A:ILE:HD13	1:101:A:ILE:HB	10	0.99
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD1	7	0.99
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD2	7	0.99
(34,2207)	1:60:A:LEU:HG	1:61:A:SER:HB2	6	0.98
(34,2207)	1:60:A:LEU:HG	1:61:A:SER:HB3	6	0.98
(34,2162)	1:46:A:ASN:HD21	1:137:A:SER:HA	4	0.98
(34,2162)	1:46:A:ASN:HD22	1:137:A:SER:HA	4	0.98
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	1	0.98
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	1	0.98
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	1	0.98
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	1	0.98
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	1	0.98
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	1	0.98
(34,1875)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	7	0.98
(34,1875)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	7	0.98
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	3	0.98
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	3	0.98
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	3	0.98
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE1	5	0.98
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE2	5	0.98
(34,1710)	1:31:A:PRO:HB2	1:43:A:MET:HE3	5	0.98
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE1	5	0.98
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE2	5	0.98
(34,1710)	1:31:A:PRO:HB3	1:43:A:MET:HE3	5	0.98
(34,1088)	1:13:A:ALA:HB1	1:79:A:THR:HA	12	0.98
(34,1088)	1:13:A:ALA:HB2	1:79:A:THR:HA	12	0.98
(34,1088)	1:13:A:ALA:HB3	1:79:A:THR:HA	12	0.98
(34,1018)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	6	0.98
(34,1018)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	6	0.98
(34,1018)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	8	0.98
(34,1018)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	8	0.98
(34,721)	1:44:A:GLU:HB2	1:48:A:ARG:HE	11	0.98
(34,721)	1:44:A:GLU:HB3	1:48:A:ARG:HE	11	0.98
(34,706)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	5	0.98
(34,706)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	5	0.98
(34,51)	1:98:A:ILE:H	1:101:A:ILE:HB	19	0.98
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	11	0.98
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	11	0.98
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	11	0.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	11	0.98
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	11	0.98
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	11	0.98
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	11	0.98
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	11	0.98
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	11	0.98
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	11	0.98
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	11	0.98
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	11	0.98
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	6	0.98
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	6	0.98
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	6	0.98
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	6	0.98
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	6	0.98
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	6	0.98
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	6	0.98
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	6	0.98
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	6	0.98
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	6	0.98
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	6	0.98
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	6	0.98
(33,1913)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	7	0.98
(33,1567)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	18	0.98
(33,1567)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	18	0.98
(33,1567)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	18	0.98
(33,1567)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	18	0.98
(33,1567)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	18	0.98
(33,1567)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	18	0.98
(33,1567)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	18	0.98
(33,1567)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	18	0.98
(33,1567)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	18	0.98
(33,1554)	1:11:A:ILE:HD11	1:43:A:MET:H	14	0.98
(33,1554)	1:11:A:ILE:HD12	1:43:A:MET:H	14	0.98
(33,1554)	1:11:A:ILE:HD13	1:43:A:MET:H	14	0.98
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	7	0.98
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	7	0.98
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	7	0.98
(33,1294)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	18	0.98
(33,1294)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	18	0.98
(33,1294)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	18	0.98
(33,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD11	9	0.98
(33,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD12	9	0.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD13	9	0.98
(33,1058)	1:13:A:ALA:HB1	1:79:A:THR:HA	12	0.98
(33,1058)	1:13:A:ALA:HB2	1:79:A:THR:HA	12	0.98
(33,1058)	1:13:A:ALA:HB3	1:79:A:THR:HA	12	0.98
(33,881)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	6	0.98
(33,881)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	6	0.98
(33,881)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	8	0.98
(33,881)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	8	0.98
(33,742)	1:105:A:LYS:HG3	1:112:A:GLN:HE22	11	0.98
(33,677)	1:20:A:THR:H	1:133:A:ASN:H	17	0.98
(33,565)	1:63:A:ILE:HG21	1:116:A:GLN:H	11	0.98
(33,565)	1:63:A:ILE:HG22	1:116:A:GLN:H	11	0.98
(33,565)	1:63:A:ILE:HG23	1:116:A:GLN:H	11	0.98
(33,55)	1:98:A:ILE:H	1:101:A:ILE:HB	19	0.98
(33,35)	1:96:A:VAL:H	1:97:A:ASP:HB2	6	0.98
(33,35)	1:96:A:VAL:H	1:97:A:ASP:HB3	6	0.98
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	14	0.98
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	14	0.98
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	14	0.98
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	14	0.98
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	14	0.98
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	14	0.98
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	14	0.98
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	14	0.98
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	14	0.98
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	14	0.98
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	14	0.98
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	14	0.98
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG2	2	0.98
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG3	2	0.98
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD11	17	0.98
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD12	17	0.98
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD13	17	0.98
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD21	17	0.98
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD22	17	0.98
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD23	17	0.98
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD11	17	0.98
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD12	17	0.98
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD13	17	0.98
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD21	17	0.98
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD22	17	0.98
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD23	17	0.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1986)	1:18:A:PHE:HB2	1:132:A:ALA:H	18	0.98
(32,1986)	1:18:A:PHE:HB3	1:132:A:ALA:H	18	0.98
(32,1955)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	14	0.98
(32,1955)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	14	0.98
(32,1955)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	14	0.98
(32,1955)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	14	0.98
(32,1955)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	14	0.98
(32,1955)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	14	0.98
(32,1479)	1:69:A:MET:HE1	1:116:A:GLN:HE22	6	0.98
(32,1479)	1:69:A:MET:HE2	1:116:A:GLN:HE22	6	0.98
(32,1479)	1:69:A:MET:HE3	1:116:A:GLN:HE22	6	0.98
(32,1029)	1:13:A:ALA:HB1	1:79:A:THR:HA	12	0.98
(32,1029)	1:13:A:ALA:HB2	1:79:A:THR:HA	12	0.98
(32,1029)	1:13:A:ALA:HB3	1:79:A:THR:HA	12	0.98
(32,781)	1:63:A:ILE:HD11	1:116:A:GLN:HE21	4	0.98
(32,781)	1:63:A:ILE:HD12	1:116:A:GLN:HE21	4	0.98
(32,781)	1:63:A:ILE:HD13	1:116:A:GLN:HE21	4	0.98
(32,556)	1:63:A:ILE:HG21	1:116:A:GLN:H	11	0.98
(32,556)	1:63:A:ILE:HG22	1:116:A:GLN:H	11	0.98
(32,556)	1:63:A:ILE:HG23	1:116:A:GLN:H	11	0.98
(32,31)	1:96:A:VAL:H	1:97:A:ASP:HB2	6	0.98
(32,31)	1:96:A:VAL:H	1:97:A:ASP:HB3	6	0.98
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE1	19	0.98
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE2	19	0.98
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE3	19	0.98
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE1	19	0.98
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE2	19	0.98
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE3	19	0.98
(30,1908)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	17	0.98
(30,1908)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	17	0.98
(30,1908)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	17	0.98
(30,1908)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	17	0.98
(30,1628)	1:13:A:ALA:HA	1:80:A:TYR:HB3	1	0.98
(30,1566)	1:11:A:ILE:HD11	1:43:A:MET:H	14	0.98
(30,1566)	1:11:A:ILE:HD12	1:43:A:MET:H	14	0.98
(30,1566)	1:11:A:ILE:HD13	1:43:A:MET:H	14	0.98
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	7	0.98
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	7	0.98
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	7	0.98
(30,1050)	1:13:A:ALA:HB1	1:79:A:THR:HA	12	0.98
(30,1050)	1:13:A:ALA:HB2	1:79:A:THR:HA	12	0.98
(30,1050)	1:13:A:ALA:HB3	1:79:A:THR:HA	12	0.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,980)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	1	0.98
(30,980)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	1	0.98
(30,856)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	2	0.98
(30,856)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	2	0.98
(30,832)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	6	0.98
(30,832)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	6	0.98
(30,832)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	6	0.98
(30,832)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	6	0.98
(30,832)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	6	0.98
(30,832)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	6	0.98
(30,832)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	6	0.98
(30,832)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	6	0.98
(30,832)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	6	0.98
(30,48)	1:98:A:ILE:H	1:101:A:ILE:HB	19	0.98
(30,32)	1:96:A:VAL:H	1:97:A:ASP:HB2	6	0.98
(30,32)	1:96:A:VAL:H	1:97:A:ASP:HB3	6	0.98
(29,1577)	1:11:A:ILE:HD11	1:43:A:MET:H	14	0.98
(29,1577)	1:11:A:ILE:HD12	1:43:A:MET:H	14	0.98
(29,1577)	1:11:A:ILE:HD13	1:43:A:MET:H	14	0.98
(29,1076)	1:13:A:ALA:HB1	1:79:A:THR:HA	12	0.98
(29,1076)	1:13:A:ALA:HB2	1:79:A:THR:HA	12	0.98
(29,1076)	1:13:A:ALA:HB3	1:79:A:THR:HA	12	0.98
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	10	0.98
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	10	0.98
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	10	0.98
(29,773)	1:37:A:LEU:H	1:40:A:LEU:HB3	1	0.98
(29,579)	1:11:A:ILE:HD11	1:16:A:SER:H	18	0.98
(29,579)	1:11:A:ILE:HD12	1:16:A:SER:H	18	0.98
(29,579)	1:11:A:ILE:HD13	1:16:A:SER:H	18	0.98
(29,54)	1:98:A:ILE:H	1:101:A:ILE:HB	19	0.98
(19,18)	1:56:A:CYS:SG	1:123:A:CYS:CB	15	0.98
(18,1886)	1:18:A:PHE:HE1	1:128:A:LEU:HG	17	0.98
(18,1886)	1:18:A:PHE:HE2	1:128:A:LEU:HG	17	0.98
(18,1832)	1:13:A:ALA:HA	1:80:A:TYR:HE1	17	0.98
(18,1832)	1:13:A:ALA:HA	1:80:A:TYR:HE2	17	0.98
(18,1778)	1:68:A:LYS:HA	1:72:A:PHE:HD1	11	0.98
(18,1778)	1:68:A:LYS:HA	1:72:A:PHE:HD2	11	0.98
(18,1564)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	18	0.98
(18,1564)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	18	0.98
(18,1564)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	18	0.98
(18,1564)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	18	0.98
(18,1564)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	18	0.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1564)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	18	0.98
(18,1564)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	18	0.98
(18,1564)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	18	0.98
(18,1564)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	18	0.98
(18,1235)	1:79:A:THR:HG21	1:81:A:GLU:HA	3	0.98
(18,1235)	1:79:A:THR:HG22	1:81:A:GLU:HA	3	0.98
(18,1235)	1:79:A:THR:HG23	1:81:A:GLU:HA	3	0.98
(18,970)	1:66:A:THR:H	1:96:A:VAL:HB	18	0.98
(18,926)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	17	0.98
(18,926)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	17	0.98
(18,926)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	17	0.98
(18,767)	1:147:A:ARG:HA	1:147:A:ARG:HE	12	0.98
(18,671)	1:101:A:ILE:HB	1:103:A:ARG:H	18	0.98
(18,121)	1:79:A:THR:H	1:80:A:TYR:H	2	0.98
(18,121)	1:79:A:THR:H	1:80:A:TYR:H	11	0.98
(18,107)	1:69:A:MET:H	1:69:A:MET:HE1	7	0.98
(18,107)	1:69:A:MET:H	1:69:A:MET:HE2	7	0.98
(18,107)	1:69:A:MET:H	1:69:A:MET:HE3	7	0.98
(17,2073)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	1	0.98
(17,2073)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	1	0.98
(17,2073)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	1	0.98
(17,2073)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	1	0.98
(17,1929)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	7	0.98
(17,1923)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	19	0.98
(17,1923)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	19	0.98
(17,1923)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	19	0.98
(17,1923)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	19	0.98
(17,1882)	1:9:A:PHE:HE1	1:14:A:VAL:HB	3	0.98
(17,1882)	1:9:A:PHE:HE2	1:14:A:VAL:HB	3	0.98
(17,1089)	1:101:A:ILE:HG21	1:112:A:GLN:HA	19	0.98
(17,1089)	1:101:A:ILE:HG22	1:112:A:GLN:HA	19	0.98
(17,1089)	1:101:A:ILE:HG23	1:112:A:GLN:HA	19	0.98
(17,1069)	1:13:A:ALA:HB1	1:79:A:THR:HA	12	0.98
(17,1069)	1:13:A:ALA:HB2	1:79:A:THR:HA	12	0.98
(17,1069)	1:13:A:ALA:HB3	1:79:A:THR:HA	12	0.98
(17,982)	1:47:A:ALA:HB1	1:134:A:VAL:HB	14	0.98
(17,982)	1:47:A:ALA:HB2	1:134:A:VAL:HB	14	0.98
(17,982)	1:47:A:ALA:HB3	1:134:A:VAL:HB	14	0.98
(17,511)	1:70:A:LYS:HG3	1:71:A:LYS:H	14	0.98
(17,511)	1:70:A:LYS:HG3	1:71:A:LYS:H	15	0.98
(17,50)	1:98:A:ILE:H	1:101:A:ILE:HB	19	0.98
(16,2339)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	5	0.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2339)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	5	0.98
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG11	1	0.98
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG12	1	0.98
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG13	1	0.98
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG21	1	0.98
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG22	1	0.98
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG23	1	0.98
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD21	5	0.98
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD22	5	0.98
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD21	5	0.98
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD22	5	0.98
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD21	5	0.98
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD22	5	0.98
(16,1897)	1:35:A:LEU:HG	1:80:A:TYR:HE1	6	0.98
(16,1897)	1:35:A:LEU:HG	1:80:A:TYR:HE2	6	0.98
(16,1738)	1:39:A:VAL:HA	1:140:A:LEU:HD11	9	0.98
(16,1738)	1:39:A:VAL:HA	1:140:A:LEU:HD12	9	0.98
(16,1738)	1:39:A:VAL:HA	1:140:A:LEU:HD13	9	0.98
(16,1566)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	18	0.98
(16,1566)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	18	0.98
(16,1566)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	18	0.98
(16,1566)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	18	0.98
(16,1566)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	18	0.98
(16,1566)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	18	0.98
(16,1566)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	18	0.98
(16,1566)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	18	0.98
(16,1566)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	18	0.98
(16,1517)	1:69:A:MET:HE1	1:116:A:GLN:HE22	6	0.98
(16,1517)	1:69:A:MET:HE2	1:116:A:GLN:HE22	6	0.98
(16,1517)	1:69:A:MET:HE3	1:116:A:GLN:HE22	6	0.98
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG11	15	0.98
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG12	15	0.98
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG13	15	0.98
(16,944)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	2	0.98
(16,944)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	2	0.98
(16,303)	1:43:A:MET:H	1:43:A:MET:HG2	19	0.98
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD11	18	0.98
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD12	18	0.98
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD13	18	0.98
(16,221)	1:108:A:GLU:H	1:111:A:GLU:HG3	19	0.98
(16,118)	1:79:A:THR:H	1:80:A:TYR:H	2	0.98
(16,118)	1:79:A:THR:H	1:80:A:TYR:H	11	0.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,49)	1:98:A:ILE:H	1:101:A:ILE:HB	19	0.98
(15,1890)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	7	0.98
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	1	0.98
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	1	0.98
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	1	0.98
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	1	0.98
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	1	0.98
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	1	0.98
(15,1557)	1:11:A:ILE:HD11	1:43:A:MET:H	14	0.98
(15,1557)	1:11:A:ILE:HD12	1:43:A:MET:H	14	0.98
(15,1557)	1:11:A:ILE:HD13	1:43:A:MET:H	14	0.98
(15,1244)	1:12:A:VAL:H	1:40:A:LEU:HD11	5	0.98
(15,1244)	1:12:A:VAL:H	1:40:A:LEU:HD12	5	0.98
(15,1244)	1:12:A:VAL:H	1:40:A:LEU:HD13	5	0.98
(15,1064)	1:13:A:ALA:HB1	1:79:A:THR:HA	12	0.98
(15,1064)	1:13:A:ALA:HB2	1:79:A:THR:HA	12	0.98
(15,1064)	1:13:A:ALA:HB3	1:79:A:THR:HA	12	0.98
(15,594)	1:75:A:GLY:H	1:77:A:CYS:HB3	7	0.98
(15,582)	1:11:A:ILE:HD11	1:16:A:SER:H	18	0.98
(15,582)	1:11:A:ILE:HD12	1:16:A:SER:H	18	0.98
(15,582)	1:11:A:ILE:HD13	1:16:A:SER:H	18	0.98
(15,53)	1:98:A:ILE:H	1:101:A:ILE:HB	19	0.98
(15,35)	1:96:A:VAL:H	1:97:A:ASP:HB2	6	0.98
(15,35)	1:96:A:VAL:H	1:97:A:ASP:HB3	6	0.98
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE21	6	0.98
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE22	6	0.98
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE21	6	0.98
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE22	6	0.98
(13,2119)	1:46:A:ASN:HD21	1:137:A:SER:HA	4	0.98
(13,2119)	1:46:A:ASN:HD22	1:137:A:SER:HA	4	0.98
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	1	0.98
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	1	0.98
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	1	0.98
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	1	0.98
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	1	0.98
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	1	0.98
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	1	0.98
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	1	0.98
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	1	0.98
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	1	0.98
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	1	0.98
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	1	0.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2003)	1:23:A:LEU:HD11	1:27:A:ARG:HB2	18	0.98
(13,2003)	1:23:A:LEU:HD12	1:27:A:ARG:HB2	18	0.98
(13,2003)	1:23:A:LEU:HD13	1:27:A:ARG:HB2	18	0.98
(13,2003)	1:23:A:LEU:HD21	1:27:A:ARG:HB2	18	0.98
(13,2003)	1:23:A:LEU:HD22	1:27:A:ARG:HB2	18	0.98
(13,2003)	1:23:A:LEU:HD23	1:27:A:ARG:HB2	18	0.98
(13,1853)	1:18:A:PHE:HE1	1:128:A:LEU:HG	17	0.98
(13,1853)	1:18:A:PHE:HE2	1:128:A:LEU:HG	17	0.98
(13,1550)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	18	0.98
(13,1550)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	18	0.98
(13,1550)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	18	0.98
(13,1550)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	18	0.98
(13,1550)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	18	0.98
(13,1550)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	18	0.98
(13,1550)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	18	0.98
(13,1550)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	18	0.98
(13,1550)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	18	0.98
(13,1535)	1:11:A:ILE:HD11	1:43:A:MET:H	14	0.98
(13,1535)	1:11:A:ILE:HD12	1:43:A:MET:H	14	0.98
(13,1535)	1:11:A:ILE:HD13	1:43:A:MET:H	14	0.98
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG11	16	0.98
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG12	16	0.98
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG13	16	0.98
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG11	19	0.98
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG12	19	0.98
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG13	19	0.98
(13,1044)	1:13:A:ALA:HB1	1:79:A:THR:HA	12	0.98
(13,1044)	1:13:A:ALA:HB2	1:79:A:THR:HA	12	0.98
(13,1044)	1:13:A:ALA:HB3	1:79:A:THR:HA	12	0.98
(13,683)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	5	0.98
(13,683)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	5	0.98
(13,46)	1:98:A:ILE:H	1:101:A:ILE:HB	19	0.98
(13,32)	1:96:A:VAL:H	1:97:A:ASP:HB2	6	0.98
(13,32)	1:96:A:VAL:H	1:97:A:ASP:HB3	6	0.98
(11,2217)	1:60:A:LEU:HG	1:61:A:SER:HB2	6	0.98
(11,2217)	1:60:A:LEU:HG	1:61:A:SER:HB3	6	0.98
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD11	1	0.98
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD12	1	0.98
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD13	1	0.98
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD21	1	0.98
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD22	1	0.98
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD23	1	0.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD11	1	0.98
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD12	1	0.98
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD13	1	0.98
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD21	1	0.98
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD22	1	0.98
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD23	1	0.98
(11,2177)	1:46:A:ASN:HD21	1:131:A:LEU:HA	6	0.98
(11,2177)	1:46:A:ASN:HD22	1:131:A:LEU:HA	6	0.98
(11,2093)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	10	0.98
(11,2093)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	10	0.98
(11,2093)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	10	0.98
(11,2093)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	10	0.98
(11,2093)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	10	0.98
(11,2093)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	10	0.98
(11,2093)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	10	0.98
(11,2093)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	10	0.98
(11,2093)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	10	0.98
(11,2093)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	10	0.98
(11,2093)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	10	0.98
(11,2093)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	10	0.98
(11,1610)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	18	0.98
(11,1610)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	18	0.98
(11,1610)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	18	0.98
(11,1610)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	18	0.98
(11,1610)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	18	0.98
(11,1610)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	18	0.98
(11,1610)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	18	0.98
(11,1610)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	18	0.98
(11,1610)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	18	0.98
(11,1593)	1:11:A:ILE:HD11	1:43:A:MET:H	14	0.98
(11,1593)	1:11:A:ILE:HD12	1:43:A:MET:H	14	0.98
(11,1593)	1:11:A:ILE:HD13	1:43:A:MET:H	14	0.98
(11,1334)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	6	0.98
(11,1334)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	6	0.98
(11,1334)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	6	0.98
(11,1052)	1:11:A:ILE:HA	1:14:A:VAL:HB	14	0.98
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	18	0.98
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	18	0.98
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	18	0.98
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	18	0.98
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	18	0.98
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	18	0.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,119)	1:79:A:THR:H	1:80:A:TYR:H	2	0.98
(11,119)	1:79:A:THR:H	1:80:A:TYR:H	11	0.98
(11,53)	1:98:A:ILE:H	1:101:A:ILE:HB	19	0.98
(11,36)	1:96:A:VAL:H	1:97:A:ASP:HB2	6	0.98
(11,36)	1:96:A:VAL:H	1:97:A:ASP:HB3	6	0.98
(9,1941)	1:10:A:ASN:HD21	1:81:A:GLU:H	2	0.98
(9,1941)	1:10:A:ASN:HD22	1:81:A:GLU:H	2	0.98
(9,1904)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	1	0.98
(9,1904)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	1	0.98
(9,1904)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	1	0.98
(9,1904)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	1	0.98
(9,1857)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	7	0.98
(9,1857)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	7	0.98
(9,1740)	1:39:A:VAL:HA	1:140:A:LEU:HD11	9	0.98
(9,1740)	1:39:A:VAL:HA	1:140:A:LEU:HD12	9	0.98
(9,1740)	1:39:A:VAL:HA	1:140:A:LEU:HD13	9	0.98
(9,1575)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	18	0.98
(9,1575)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	18	0.98
(9,1575)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	18	0.98
(9,1575)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	18	0.98
(9,1575)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	18	0.98
(9,1575)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	18	0.98
(9,1575)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	18	0.98
(9,1575)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	18	0.98
(9,1575)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	18	0.98
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	7	0.98
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	7	0.98
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	7	0.98
(9,1173)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	3	0.98
(9,1173)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	3	0.98
(9,1173)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	3	0.98
(9,1173)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	3	0.98
(9,1173)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	3	0.98
(9,1173)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	3	0.98
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB2	16	0.98
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB3	16	0.98
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB2	19	0.98
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB3	19	0.98
(9,118)	1:79:A:THR:H	1:80:A:TYR:H	2	0.98
(9,118)	1:79:A:THR:H	1:80:A:TYR:H	11	0.98
(7,2206)	1:64:A:LYS:HB2	1:116:A:GLN:HG2	3	0.98
(7,2206)	1:64:A:LYS:HB2	1:116:A:GLN:HG3	3	0.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2206)	1:64:A:LYS:HB3	1:116:A:GLN:HG2	3	0.98
(7,2206)	1:64:A:LYS:HB3	1:116:A:GLN:HG3	3	0.98
(7,1836)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	7	0.98
(7,1836)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	7	0.98
(7,1785)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	9	0.98
(7,1785)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	9	0.98
(7,1785)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	9	0.98
(7,1785)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	9	0.98
(7,1785)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	9	0.98
(7,1785)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	9	0.98
(7,1710)	1:39:A:VAL:HA	1:140:A:LEU:HD11	9	0.98
(7,1710)	1:39:A:VAL:HA	1:140:A:LEU:HD12	9	0.98
(7,1710)	1:39:A:VAL:HA	1:140:A:LEU:HD13	9	0.98
(7,1690)	1:21:A:THR:HG21	1:147:A:ARG:HE	16	0.98
(7,1690)	1:21:A:THR:HG22	1:147:A:ARG:HE	16	0.98
(7,1690)	1:21:A:THR:HG23	1:147:A:ARG:HE	16	0.98
(7,1553)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	18	0.98
(7,1553)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	18	0.98
(7,1553)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	18	0.98
(7,1553)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	18	0.98
(7,1553)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	18	0.98
(7,1553)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	18	0.98
(7,1553)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	18	0.98
(7,1553)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	18	0.98
(7,1553)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	18	0.98
(7,1540)	1:11:A:ILE:HD11	1:43:A:MET:H	14	0.98
(7,1540)	1:11:A:ILE:HD12	1:43:A:MET:H	14	0.98
(7,1540)	1:11:A:ILE:HD13	1:43:A:MET:H	14	0.98
(7,1038)	1:13:A:ALA:HB1	1:79:A:THR:HA	12	0.98
(7,1038)	1:13:A:ALA:HB2	1:79:A:THR:HA	12	0.98
(7,1038)	1:13:A:ALA:HB3	1:79:A:THR:HA	12	0.98
(7,292)	1:121:A:VAL:H	1:123:A:CYS:H	2	0.98
(7,47)	1:98:A:ILE:H	1:101:A:ILE:HB	19	0.98
(6,2431)	1:134:A:VAL:HG11	1:137:A:SER:H	18	0.98
(6,2431)	1:134:A:VAL:HG12	1:137:A:SER:H	18	0.98
(6,2431)	1:134:A:VAL:HG13	1:137:A:SER:H	18	0.98
(6,2431)	1:134:A:VAL:HG21	1:137:A:SER:H	18	0.98
(6,2431)	1:134:A:VAL:HG22	1:137:A:SER:H	18	0.98
(6,2431)	1:134:A:VAL:HG23	1:137:A:SER:H	18	0.98
(6,2209)	1:60:A:LEU:HG	1:61:A:SER:HB2	6	0.98
(6,2209)	1:60:A:LEU:HG	1:61:A:SER:HB3	6	0.98
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG11	6	0.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG12	6	0.98
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG13	6	0.98
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG21	6	0.98
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG22	6	0.98
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG23	6	0.98
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG11	6	0.98
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG12	6	0.98
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG13	6	0.98
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG21	6	0.98
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG22	6	0.98
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG23	6	0.98
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG11	6	0.98
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG12	6	0.98
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG13	6	0.98
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG21	6	0.98
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG22	6	0.98
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG23	6	0.98
(6,2029)	1:17:A:ASN:HD21	1:79:A:THR:H	3	0.98
(6,2029)	1:17:A:ASN:HD22	1:79:A:THR:H	3	0.98
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	1	0.98
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	1	0.98
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	1	0.98
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	1	0.98
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	1	0.98
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	1	0.98
(6,1870)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	7	0.98
(6,1870)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	7	0.98
(6,1579)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	18	0.98
(6,1579)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	18	0.98
(6,1579)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	18	0.98
(6,1579)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	18	0.98
(6,1579)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	18	0.98
(6,1579)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	18	0.98
(6,1579)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	18	0.98
(6,1579)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	18	0.98
(6,1579)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	18	0.98
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	7	0.98
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	7	0.98
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	7	0.98
(6,1044)	1:13:A:ALA:HB1	1:79:A:THR:HA	12	0.98
(6,1044)	1:13:A:ALA:HB2	1:79:A:THR:HA	12	0.98
(6,1044)	1:13:A:ALA:HB3	1:79:A:THR:HA	12	0.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,742)	1:147:A:ARG:HA	1:147:A:ARG:HE	12	0.98
(6,48)	1:98:A:ILE:H	1:101:A:ILE:HB	19	0.98
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD11	17	0.98
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD12	17	0.98
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD13	17	0.98
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD21	17	0.98
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD22	17	0.98
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD23	17	0.98
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD11	17	0.98
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD12	17	0.98
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD13	17	0.98
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD21	17	0.98
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD22	17	0.98
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD23	17	0.98
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD11	17	0.98
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD12	17	0.98
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD13	17	0.98
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD21	17	0.98
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD22	17	0.98
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD23	17	0.98
(5,1889)	1:9:A:PHE:HE1	1:54:A:ARG:HE	17	0.98
(5,1889)	1:9:A:PHE:HE2	1:54:A:ARG:HE	17	0.98
(5,1623)	1:73:A:ILE:HG21	1:111:A:GLU:H	11	0.98
(5,1623)	1:73:A:ILE:HG22	1:111:A:GLU:H	11	0.98
(5,1623)	1:73:A:ILE:HG23	1:111:A:GLU:H	11	0.98
(5,1581)	1:11:A:ILE:HD11	1:43:A:MET:H	14	0.98
(5,1581)	1:11:A:ILE:HD12	1:43:A:MET:H	14	0.98
(5,1581)	1:11:A:ILE:HD13	1:43:A:MET:H	14	0.98
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	1	0.98
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	1	0.98
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	1	0.98
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	1	0.98
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	1	0.98
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	1	0.98
(5,1206)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	4	0.98
(5,1206)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	4	0.98
(5,1206)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	4	0.98
(5,1182)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	3	0.98
(5,1182)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	3	0.98
(5,1182)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	3	0.98
(5,1182)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	3	0.98
(5,1182)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	3	0.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1182)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	3	0.98
(5,1068)	1:13:A:ALA:HB1	1:79:A:THR:HA	12	0.98
(5,1068)	1:13:A:ALA:HB2	1:79:A:THR:HA	12	0.98
(5,1068)	1:13:A:ALA:HB3	1:79:A:THR:HA	12	0.98
(5,988)	1:105:A:LYS:HD2	1:107:A:LEU:H	1	0.98
(5,988)	1:105:A:LYS:HD3	1:107:A:LEU:H	1	0.98
(5,918)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	17	0.98
(5,918)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	17	0.98
(5,918)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	17	0.98
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD11	19	0.98
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD12	19	0.98
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD13	19	0.98
(5,630)	1:9:A:PHE:HE1	1:15:A:ALA:H	2	0.98
(5,630)	1:9:A:PHE:HE2	1:15:A:ALA:H	2	0.98
(5,630)	1:9:A:PHE:HE1	1:15:A:ALA:H	14	0.98
(5,630)	1:9:A:PHE:HE2	1:15:A:ALA:H	14	0.98
(4,2432)	1:136:A:CYS:HB2	1:141:A:LYS:HA	12	0.98
(4,2432)	1:136:A:CYS:HB3	1:141:A:LYS:HA	12	0.98
(4,2429)	1:134:A:VAL:HG11	1:137:A:SER:HB2	5	0.98
(4,2429)	1:134:A:VAL:HG11	1:137:A:SER:HB3	5	0.98
(4,2429)	1:134:A:VAL:HG12	1:137:A:SER:HB2	5	0.98
(4,2429)	1:134:A:VAL:HG12	1:137:A:SER:HB3	5	0.98
(4,2429)	1:134:A:VAL:HG13	1:137:A:SER:HB2	5	0.98
(4,2429)	1:134:A:VAL:HG13	1:137:A:SER:HB3	5	0.98
(4,2429)	1:134:A:VAL:HG21	1:137:A:SER:HB2	5	0.98
(4,2429)	1:134:A:VAL:HG21	1:137:A:SER:HB3	5	0.98
(4,2429)	1:134:A:VAL:HG22	1:137:A:SER:HB2	5	0.98
(4,2429)	1:134:A:VAL:HG22	1:137:A:SER:HB3	5	0.98
(4,2429)	1:134:A:VAL:HG23	1:137:A:SER:HB2	5	0.98
(4,2429)	1:134:A:VAL:HG23	1:137:A:SER:HB3	5	0.98
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG11	16	0.98
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG12	16	0.98
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG13	16	0.98
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG21	16	0.98
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG22	16	0.98
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG23	16	0.98
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG11	16	0.98
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG12	16	0.98
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG13	16	0.98
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG21	16	0.98
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG22	16	0.98
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG23	16	0.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	1	0.98
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	1	0.98
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	1	0.98
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	1	0.98
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	1	0.98
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	1	0.98
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD11	4	0.98
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD12	4	0.98
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD13	4	0.98
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD21	4	0.98
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD22	4	0.98
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD23	4	0.98
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD11	4	0.98
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD12	4	0.98
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD13	4	0.98
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD21	4	0.98
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD22	4	0.98
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD23	4	0.98
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD11	15	0.98
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD12	15	0.98
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD13	15	0.98
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD21	15	0.98
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD22	15	0.98
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD23	15	0.98
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	7	0.98
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	7	0.98
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	7	0.98
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	7	0.98
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	7	0.98
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	7	0.98
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	7	0.98
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	7	0.98
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	7	0.98
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	7	0.98
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	7	0.98
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	7	0.98
(4,1889)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	7	0.98
(4,1886)	1:35:A:LEU:HG	1:80:A:TYR:HE1	6	0.98
(4,1886)	1:35:A:LEU:HG	1:80:A:TYR:HE2	6	0.98
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	1	0.98
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	1	0.98
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	1	0.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	1	0.98
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	1	0.98
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	1	0.98
(4,1838)	1:9:A:PHE:HE1	1:54:A:ARG:HE	17	0.98
(4,1838)	1:9:A:PHE:HE2	1:54:A:ARG:HE	17	0.98
(4,1561)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	18	0.98
(4,1561)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	18	0.98
(4,1561)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	18	0.98
(4,1561)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	18	0.98
(4,1561)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	18	0.98
(4,1561)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	18	0.98
(4,1561)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	18	0.98
(4,1561)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	18	0.98
(4,1561)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	18	0.98
(4,1547)	1:11:A:ILE:HD11	1:43:A:MET:H	14	0.98
(4,1547)	1:11:A:ILE:HD12	1:43:A:MET:H	14	0.98
(4,1547)	1:11:A:ILE:HD13	1:43:A:MET:H	14	0.98
(4,739)	1:147:A:ARG:HA	1:147:A:ARG:HE	12	0.98
(4,703)	1:48:A:ARG:HE	1:49:A:LYS:HA	16	0.98
(4,565)	1:11:A:ILE:HD11	1:16:A:SER:H	18	0.98
(4,565)	1:11:A:ILE:HD12	1:16:A:SER:H	18	0.98
(4,565)	1:11:A:ILE:HD13	1:16:A:SER:H	18	0.98
(4,53)	1:98:A:ILE:H	1:101:A:ILE:HB	19	0.98
(4,34)	1:96:A:VAL:H	1:97:A:ASP:HB2	6	0.98
(4,34)	1:96:A:VAL:H	1:97:A:ASP:HB3	6	0.98
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD11	5	0.98
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD12	5	0.98
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD13	5	0.98
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD11	5	0.98
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD12	5	0.98
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD13	5	0.98
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD11	15	0.98
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD12	15	0.98
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD13	15	0.98
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD11	15	0.98
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD12	15	0.98
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD13	15	0.98
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD2	18	0.98
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD3	18	0.98
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD11	13	0.98
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD12	13	0.98
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD13	13	0.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD21	13	0.98
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD22	13	0.98
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD23	13	0.98
(3,1939)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	7	0.98
(3,1612)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	18	0.98
(3,1612)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	18	0.98
(3,1612)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	18	0.98
(3,1612)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	18	0.98
(3,1612)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	18	0.98
(3,1612)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	18	0.98
(3,1612)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	18	0.98
(3,1612)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	18	0.98
(3,1612)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	18	0.98
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD11	5	0.98
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD12	5	0.98
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD13	5	0.98
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD11	5	0.98
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD12	5	0.98
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD13	5	0.98
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD11	5	0.98
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD12	5	0.98
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD13	5	0.98
(3,1000)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	1	0.98
(3,1000)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	1	0.98
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	18	0.98
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	18	0.98
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	18	0.98
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	18	0.98
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	18	0.98
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	18	0.98
(3,811)	1:11:A:ILE:HD11	1:43:A:MET:HG2	1	0.98
(3,811)	1:11:A:ILE:HD12	1:43:A:MET:HG2	1	0.98
(3,811)	1:11:A:ILE:HD13	1:43:A:MET:HG2	1	0.98
(3,118)	1:79:A:THR:H	1:80:A:TYR:H	2	0.98
(3,118)	1:79:A:THR:H	1:80:A:TYR:H	11	0.98
(3,53)	1:98:A:ILE:H	1:101:A:ILE:HB	19	0.98
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD11	3	0.98
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD12	3	0.98
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD13	3	0.98
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD11	3	0.98
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD12	3	0.98
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD13	3	0.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD11	3	0.98
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD12	3	0.98
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD13	3	0.98
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD11	3	0.98
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD12	3	0.98
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD13	3	0.98
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD11	3	0.98
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD12	3	0.98
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD13	3	0.98
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD11	3	0.98
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD12	3	0.98
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD13	3	0.98
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD21	3	0.98
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD22	3	0.98
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD23	3	0.98
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD21	3	0.98
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD22	3	0.98
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD23	3	0.98
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD21	3	0.98
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD22	3	0.98
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD23	3	0.98
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD21	3	0.98
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD22	3	0.98
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD23	3	0.98
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD21	3	0.98
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD22	3	0.98
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD23	3	0.98
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD21	3	0.98
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD22	3	0.98
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD23	3	0.98
(2,2134)	1:39:A:VAL:HG11	1:144:A:LEU:H	6	0.98
(2,2134)	1:39:A:VAL:HG12	1:144:A:LEU:H	6	0.98
(2,2134)	1:39:A:VAL:HG13	1:144:A:LEU:H	6	0.98
(2,2134)	1:39:A:VAL:HG21	1:144:A:LEU:H	6	0.98
(2,2134)	1:39:A:VAL:HG22	1:144:A:LEU:H	6	0.98
(2,2134)	1:39:A:VAL:HG23	1:144:A:LEU:H	6	0.98
(2,2076)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	1	0.98
(2,2076)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	1	0.98
(2,2076)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	1	0.98
(2,2076)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	1	0.98
(2,1993)	1:12:A:VAL:HG11	1:43:A:MET:H	18	0.98
(2,1993)	1:12:A:VAL:HG12	1:43:A:MET:H	18	0.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1993)	1:12:A:VAL:HG13	1:43:A:MET:H	18	0.98
(2,1993)	1:12:A:VAL:HG21	1:43:A:MET:H	18	0.98
(2,1993)	1:12:A:VAL:HG22	1:43:A:MET:H	18	0.98
(2,1993)	1:12:A:VAL:HG23	1:43:A:MET:H	18	0.98
(2,1593)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	18	0.98
(2,1593)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	18	0.98
(2,1593)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	18	0.98
(2,1593)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	18	0.98
(2,1593)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	18	0.98
(2,1593)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	18	0.98
(2,1593)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	18	0.98
(2,1593)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	18	0.98
(2,1593)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	18	0.98
(2,1578)	1:11:A:ILE:HD11	1:43:A:MET:H	14	0.98
(2,1578)	1:11:A:ILE:HD12	1:43:A:MET:H	14	0.98
(2,1578)	1:11:A:ILE:HD13	1:43:A:MET:H	14	0.98
(2,1194)	1:140:A:LEU:HA	1:144:A:LEU:HD21	17	0.98
(2,1194)	1:140:A:LEU:HA	1:144:A:LEU:HD22	17	0.98
(2,1194)	1:140:A:LEU:HA	1:144:A:LEU:HD23	17	0.98
(2,1054)	1:13:A:ALA:HB1	1:79:A:THR:HA	12	0.98
(2,1054)	1:13:A:ALA:HB2	1:79:A:THR:HA	12	0.98
(2,1054)	1:13:A:ALA:HB3	1:79:A:THR:HA	12	0.98
(2,830)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	6	0.98
(2,830)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	6	0.98
(2,830)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	6	0.98
(2,830)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	6	0.98
(2,830)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	6	0.98
(2,830)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	6	0.98
(2,830)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	6	0.98
(2,830)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	6	0.98
(2,830)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	6	0.98
(2,696)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	5	0.98
(2,696)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	5	0.98
(2,47)	1:98:A:ILE:H	1:101:A:ILE:HB	19	0.98
(2,31)	1:96:A:VAL:H	1:97:A:ASP:HB2	6	0.98
(2,31)	1:96:A:VAL:H	1:97:A:ASP:HB3	6	0.98
(1,2253)	1:79:A:THR:HG21	1:81:A:GLU:HB2	14	0.98
(1,2253)	1:79:A:THR:HG21	1:81:A:GLU:HB3	14	0.98
(1,2253)	1:79:A:THR:HG22	1:81:A:GLU:HB2	14	0.98
(1,2253)	1:79:A:THR:HG22	1:81:A:GLU:HB3	14	0.98
(1,2253)	1:79:A:THR:HG23	1:81:A:GLU:HB2	14	0.98
(1,2253)	1:79:A:THR:HG23	1:81:A:GLU:HB3	14	0.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2124)	1:40:A:LEU:HD11	1:43:A:MET:HG3	12	0.98
(1,2124)	1:40:A:LEU:HD12	1:43:A:MET:HG3	12	0.98
(1,2124)	1:40:A:LEU:HD13	1:43:A:MET:HG3	12	0.98
(1,2124)	1:40:A:LEU:HD21	1:43:A:MET:HG3	12	0.98
(1,2124)	1:40:A:LEU:HD22	1:43:A:MET:HG3	12	0.98
(1,2124)	1:40:A:LEU:HD23	1:43:A:MET:HG3	12	0.98
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD11	17	0.98
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD12	17	0.98
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD13	17	0.98
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD21	17	0.98
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD22	17	0.98
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD23	17	0.98
(1,2052)	1:30:A:LEU:HD11	1:144:A:LEU:HA	8	0.98
(1,2052)	1:30:A:LEU:HD12	1:144:A:LEU:HA	8	0.98
(1,2052)	1:30:A:LEU:HD13	1:144:A:LEU:HA	8	0.98
(1,2052)	1:30:A:LEU:HD21	1:144:A:LEU:HA	8	0.98
(1,2052)	1:30:A:LEU:HD22	1:144:A:LEU:HA	8	0.98
(1,2052)	1:30:A:LEU:HD23	1:144:A:LEU:HA	8	0.98
(1,1858)	1:79:A:THR:HB	1:80:A:TYR:HE1	12	0.98
(1,1858)	1:79:A:THR:HB	1:80:A:TYR:HE2	12	0.98
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG21	4	0.98
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG22	4	0.98
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG23	4	0.98
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG21	4	0.98
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG22	4	0.98
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG23	4	0.98
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG21	4	0.98
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG22	4	0.98
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG23	4	0.98
(1,1577)	1:11:A:ILE:HD11	1:43:A:MET:H	14	0.98
(1,1577)	1:11:A:ILE:HD12	1:43:A:MET:H	14	0.98
(1,1577)	1:11:A:ILE:HD13	1:43:A:MET:H	14	0.98
(1,1070)	1:13:A:ALA:HB1	1:79:A:THR:HA	12	0.98
(1,1070)	1:13:A:ALA:HB2	1:79:A:THR:HA	12	0.98
(1,1070)	1:13:A:ALA:HB3	1:79:A:THR:HA	12	0.98
(1,1007)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	3	0.98
(1,1007)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	3	0.98
(1,705)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	5	0.98
(1,705)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	5	0.98
(1,56)	1:98:A:ILE:H	1:101:A:ILE:HB	19	0.98
(34,2439)	1:131:A:LEU:HD11	1:134:A:VAL:HB	4	0.97
(34,2439)	1:131:A:LEU:HD12	1:134:A:VAL:HB	4	0.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2439)	1:131:A:LEU:HD13	1:134:A:VAL:HB	4	0.97
(34,2439)	1:131:A:LEU:HD21	1:134:A:VAL:HB	4	0.97
(34,2439)	1:131:A:LEU:HD22	1:134:A:VAL:HB	4	0.97
(34,2439)	1:131:A:LEU:HD23	1:134:A:VAL:HB	4	0.97
(34,2208)	1:60:A:LEU:HD11	1:61:A:SER:HB2	1	0.97
(34,2208)	1:60:A:LEU:HD11	1:61:A:SER:HB3	1	0.97
(34,2208)	1:60:A:LEU:HD12	1:61:A:SER:HB2	1	0.97
(34,2208)	1:60:A:LEU:HD12	1:61:A:SER:HB3	1	0.97
(34,2208)	1:60:A:LEU:HD13	1:61:A:SER:HB2	1	0.97
(34,2208)	1:60:A:LEU:HD13	1:61:A:SER:HB3	1	0.97
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG11	4	0.97
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG12	4	0.97
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG13	4	0.97
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG21	4	0.97
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG22	4	0.97
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG23	4	0.97
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE1	9	0.97
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE2	9	0.97
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE3	9	0.97
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE1	9	0.97
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE2	9	0.97
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE3	9	0.97
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE1	9	0.97
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE2	9	0.97
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE3	9	0.97
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE1	9	0.97
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE2	9	0.97
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE3	9	0.97
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE1	9	0.97
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE2	9	0.97
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE3	9	0.97
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE1	9	0.97
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE2	9	0.97
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE3	9	0.97
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	11	0.97
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	11	0.97
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	11	0.97
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	11	0.97
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	11	0.97
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	11	0.97
(34,1928)	1:14:A:VAL:HB	1:18:A:PHE:HZ	16	0.97
(34,1568)	1:40:A:LEU:HD21	1:43:A:MET:H	19	0.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1568)	1:40:A:LEU:HD22	1:43:A:MET:H	19	0.97
(34,1568)	1:40:A:LEU:HD23	1:43:A:MET:H	19	0.97
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	6	0.97
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	6	0.97
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	6	0.97
(34,1265)	1:21:A:THR:HG21	1:23:A:LEU:HA	10	0.97
(34,1265)	1:21:A:THR:HG22	1:23:A:LEU:HA	10	0.97
(34,1265)	1:21:A:THR:HG23	1:23:A:LEU:HA	10	0.97
(34,991)	1:11:A:ILE:HG12	1:14:A:VAL:HB	4	0.97
(33,2439)	1:131:A:LEU:HD11	1:134:A:VAL:HB	4	0.97
(33,2439)	1:131:A:LEU:HD12	1:134:A:VAL:HB	4	0.97
(33,2439)	1:131:A:LEU:HD13	1:134:A:VAL:HB	4	0.97
(33,2439)	1:131:A:LEU:HD21	1:134:A:VAL:HB	4	0.97
(33,2439)	1:131:A:LEU:HD22	1:134:A:VAL:HB	4	0.97
(33,2439)	1:131:A:LEU:HD23	1:134:A:VAL:HB	4	0.97
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	6	0.97
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	6	0.97
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	6	0.97
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	6	0.97
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	6	0.97
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	6	0.97
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	6	0.97
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	6	0.97
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	6	0.97
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	6	0.97
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	6	0.97
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	6	0.97
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	7	0.97
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	7	0.97
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	7	0.97
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG21	7	0.97
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG22	7	0.97
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG23	7	0.97
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	13	0.97
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	13	0.97
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	13	0.97
(33,1242)	1:21:A:THR:HG21	1:23:A:LEU:HA	10	0.97
(33,1242)	1:21:A:THR:HG22	1:23:A:LEU:HA	10	0.97
(33,1242)	1:21:A:THR:HG23	1:23:A:LEU:HA	10	0.97
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD21	2	0.97
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD22	2	0.97
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD23	2	0.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,295)	1:140:A:LEU:H	1:140:A:LEU:HD21	10	0.97
(33,295)	1:140:A:LEU:H	1:140:A:LEU:HD22	10	0.97
(33,295)	1:140:A:LEU:H	1:140:A:LEU:HD23	10	0.97
(32,1884)	1:14:A:VAL:HB	1:18:A:PHE:HZ	16	0.97
(32,1720)	1:140:A:LEU:HD21	1:143:A:TRP:H	13	0.97
(32,1720)	1:140:A:LEU:HD22	1:143:A:TRP:H	13	0.97
(32,1720)	1:140:A:LEU:HD23	1:143:A:TRP:H	13	0.97
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG21	7	0.97
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG22	7	0.97
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG23	7	0.97
(32,1605)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	11	0.97
(32,1605)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	11	0.97
(32,1605)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	11	0.97
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE1	4	0.97
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE2	4	0.97
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE3	4	0.97
(32,1203)	1:21:A:THR:HG21	1:23:A:LEU:HA	10	0.97
(32,1203)	1:21:A:THR:HG22	1:23:A:LEU:HA	10	0.97
(32,1203)	1:21:A:THR:HG23	1:23:A:LEU:HA	10	0.97
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD21	2	0.97
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD22	2	0.97
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD23	2	0.97
(32,824)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	18	0.97
(32,824)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	18	0.97
(32,824)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	18	0.97
(30,2302)	1:98:A:ILE:H	1:104:A:PHE:HB2	3	0.97
(30,2302)	1:98:A:ILE:H	1:104:A:PHE:HB3	3	0.97
(30,2220)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	11	0.97
(30,2220)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	11	0.97
(30,2220)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	11	0.97
(30,2220)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	11	0.97
(30,2220)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	11	0.97
(30,2220)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	11	0.97
(30,1921)	1:14:A:VAL:HB	1:18:A:PHE:HZ	16	0.97
(30,1865)	1:18:A:PHE:HA	1:113:A:PHE:HE1	1	0.97
(30,1865)	1:18:A:PHE:HA	1:113:A:PHE:HE2	1	0.97
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE1	16	0.97
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE2	16	0.97
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE1	16	0.97
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE2	16	0.97
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE1	16	0.97
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE2	16	0.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1710)	1:141:A:LYS:HA	1:145:A:PRO:HD3	14	0.97
(30,1710)	1:141:A:LYS:HA	1:145:A:PRO:HD3	16	0.97
(30,1628)	1:13:A:ALA:HA	1:80:A:TYR:HB3	19	0.97
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	13	0.97
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	13	0.97
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	13	0.97
(30,687)	1:145:A:PRO:HB3	1:148:A:CYS:H	1	0.97
(30,173)	1:8:A:ASP:H	1:58:A:ILE:HG13	12	0.97
(29,1938)	1:14:A:VAL:HB	1:18:A:PHE:HZ	16	0.97
(29,1881)	1:9:A:PHE:HE1	1:54:A:ARG:HE	17	0.97
(29,1881)	1:9:A:PHE:HE2	1:54:A:ARG:HE	17	0.97
(29,1668)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	17	0.97
(29,1668)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	17	0.97
(29,1668)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	17	0.97
(29,1668)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	17	0.97
(29,1668)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	17	0.97
(29,1668)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	17	0.97
(29,1668)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	17	0.97
(29,1668)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	17	0.97
(29,1668)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	17	0.97
(29,1638)	1:79:A:THR:HB	1:80:A:TYR:HB2	4	0.97
(29,966)	1:66:A:THR:H	1:96:A:VAL:HB	18	0.97
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	6	0.97
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	6	0.97
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	6	0.97
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD11	17	0.97
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD12	17	0.97
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD13	17	0.97
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD21	17	0.97
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD22	17	0.97
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD23	17	0.97
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD11	17	0.97
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD12	17	0.97
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD13	17	0.97
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD21	17	0.97
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD22	17	0.97
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD23	17	0.97
(18,1910)	1:14:A:VAL:HB	1:18:A:PHE:HZ	16	0.97
(18,1242)	1:21:A:THR:HG21	1:23:A:LEU:HA	10	0.97
(18,1242)	1:21:A:THR:HG22	1:23:A:LEU:HA	10	0.97
(18,1242)	1:21:A:THR:HG23	1:23:A:LEU:HA	10	0.97
(18,853)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	18	0.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,853)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	18	0.97
(18,853)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	18	0.97
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	7	0.97
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	7	0.97
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	7	0.97
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	7	0.97
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	7	0.97
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	7	0.97
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	7	0.97
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	7	0.97
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	7	0.97
(18,671)	1:101:A:ILE:HB	1:103:A:ARG:H	14	0.97
(18,417)	1:119:A:LEU:H	1:119:A:LEU:HG	1	0.97
(18,179)	1:8:A:ASP:H	1:58:A:ILE:HG13	12	0.97
(18,107)	1:69:A:MET:H	1:69:A:MET:HE1	6	0.97
(18,107)	1:69:A:MET:H	1:69:A:MET:HE2	6	0.97
(18,107)	1:69:A:MET:H	1:69:A:MET:HE3	6	0.97
(18,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	2	0.97
(17,1938)	1:14:A:VAL:HB	1:18:A:PHE:HZ	16	0.97
(17,1879)	1:18:A:PHE:HA	1:113:A:PHE:HE1	19	0.97
(17,1879)	1:18:A:PHE:HA	1:113:A:PHE:HE2	19	0.97
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	3	0.97
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	3	0.97
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	3	0.97
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	3	0.97
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	3	0.97
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	3	0.97
(17,1266)	1:12:A:VAL:HG11	1:40:A:LEU:HA	14	0.97
(17,1266)	1:12:A:VAL:HG12	1:40:A:LEU:HA	14	0.97
(17,1266)	1:12:A:VAL:HG13	1:40:A:LEU:HA	14	0.97
(17,1188)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	11	0.97
(17,1188)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	11	0.97
(17,1188)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	11	0.97
(17,977)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	13	0.97
(17,977)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	13	0.97
(17,977)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	13	0.97
(17,885)	1:129:A:LYS:HB2	1:133:A:ASN:HB2	19	0.97
(17,885)	1:129:A:LYS:HB3	1:133:A:ASN:HB2	19	0.97
(17,867)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	13	0.97
(16,2432)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	8	0.97
(16,2432)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	8	0.97
(16,2432)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	8	0.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2432)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	8	0.97
(16,2432)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	8	0.97
(16,2432)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	8	0.97
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	14	0.97
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	14	0.97
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	14	0.97
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	14	0.97
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	14	0.97
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	14	0.97
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	14	0.97
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	14	0.97
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	14	0.97
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	14	0.97
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	14	0.97
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	14	0.97
(16,1907)	1:14:A:VAL:HB	1:18:A:PHE:HZ	16	0.97
(16,1837)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	14	0.97
(16,1837)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	14	0.97
(16,1837)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	14	0.97
(16,1837)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	14	0.97
(16,1241)	1:21:A:THR:HG21	1:23:A:LEU:HA	10	0.97
(16,1241)	1:21:A:THR:HG22	1:23:A:LEU:HA	10	0.97
(16,1241)	1:21:A:THR:HG23	1:23:A:LEU:HA	10	0.97
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD21	2	0.97
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD22	2	0.97
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD23	2	0.97
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	6	0.97
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	6	0.97
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	6	0.97
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	6	0.97
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	6	0.97
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	6	0.97
(16,658)	1:79:A:THR:H	1:80:A:TYR:HD1	16	0.97
(16,658)	1:79:A:THR:H	1:80:A:TYR:HD2	16	0.97
(16,303)	1:43:A:MET:H	1:43:A:MET:HG2	9	0.97
(15,2196)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	11	0.97
(15,2196)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	11	0.97
(15,2196)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	11	0.97
(15,2196)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	11	0.97
(15,2196)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	11	0.97
(15,2196)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	11	0.97
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD11	15	0.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD12	15	0.97
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD13	15	0.97
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD21	15	0.97
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD22	15	0.97
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD23	15	0.97
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD11	15	0.97
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD12	15	0.97
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD13	15	0.97
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD21	15	0.97
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD22	15	0.97
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD23	15	0.97
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD11	15	0.97
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD12	15	0.97
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD13	15	0.97
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD21	15	0.97
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD22	15	0.97
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD23	15	0.97
(15,1913)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	13	0.97
(15,1913)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	13	0.97
(15,1913)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	13	0.97
(15,1913)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	13	0.97
(15,1913)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	13	0.97
(15,1913)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	13	0.97
(15,1913)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	13	0.97
(15,1913)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	13	0.97
(15,1913)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	13	0.97
(15,1913)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	13	0.97
(15,1913)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	13	0.97
(15,1913)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	13	0.97
(15,1846)	1:18:A:PHE:HA	1:113:A:PHE:HE1	19	0.97
(15,1846)	1:18:A:PHE:HA	1:113:A:PHE:HE2	19	0.97
(15,1451)	1:15:A:ALA:HB1	1:132:A:ALA:HA	13	0.97
(15,1451)	1:15:A:ALA:HB2	1:132:A:ALA:HA	13	0.97
(15,1451)	1:15:A:ALA:HB3	1:132:A:ALA:HA	13	0.97
(15,920)	1:125:A:THR:HB	1:128:A:LEU:HG	12	0.97
(15,762)	1:13:A:ALA:HB1	1:34:A:LYS:H	13	0.97
(15,762)	1:13:A:ALA:HB2	1:34:A:LYS:H	13	0.97
(15,762)	1:13:A:ALA:HB3	1:34:A:LYS:H	13	0.97
(13,2404)	1:131:A:LEU:HD11	1:134:A:VAL:HB	4	0.97
(13,2404)	1:131:A:LEU:HD12	1:134:A:VAL:HB	4	0.97
(13,2404)	1:131:A:LEU:HD13	1:134:A:VAL:HB	4	0.97
(13,2404)	1:131:A:LEU:HD21	1:134:A:VAL:HB	4	0.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2404)	1:131:A:LEU:HD22	1:134:A:VAL:HB	4	0.97
(13,2404)	1:131:A:LEU:HD23	1:134:A:VAL:HB	4	0.97
(13,2266)	1:98:A:ILE:H	1:104:A:PHE:HB2	3	0.97
(13,2266)	1:98:A:ILE:H	1:104:A:PHE:HB3	3	0.97
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG11	4	0.97
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG12	4	0.97
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG13	4	0.97
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG21	4	0.97
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG22	4	0.97
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG23	4	0.97
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE21	18	0.97
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE22	18	0.97
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE21	18	0.97
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE22	18	0.97
(13,1937)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	1	0.97
(13,1937)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	1	0.97
(13,1937)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	1	0.97
(13,1937)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	1	0.97
(13,1937)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	1	0.97
(13,1937)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	1	0.97
(13,1908)	1:10:A:ASN:HD21	1:80:A:TYR:HB3	14	0.97
(13,1908)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	14	0.97
(13,1891)	1:9:A:PHE:HE1	1:54:A:ARG:HB2	10	0.97
(13,1891)	1:9:A:PHE:HE1	1:54:A:ARG:HB3	10	0.97
(13,1891)	1:9:A:PHE:HE2	1:54:A:ARG:HB2	10	0.97
(13,1891)	1:9:A:PHE:HE2	1:54:A:ARG:HB3	10	0.97
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE1	4	0.97
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE2	4	0.97
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE3	4	0.97
(13,1211)	1:21:A:THR:HG21	1:23:A:LEU:HA	10	0.97
(13,1211)	1:21:A:THR:HG22	1:23:A:LEU:HA	10	0.97
(13,1211)	1:21:A:THR:HG23	1:23:A:LEU:HA	10	0.97
(13,970)	1:105:A:LYS:HD2	1:107:A:LEU:H	1	0.97
(13,970)	1:105:A:LYS:HD3	1:107:A:LEU:H	1	0.97
(13,186)	1:60:A:LEU:H	1:63:A:ILE:HD11	17	0.97
(13,186)	1:60:A:LEU:H	1:63:A:ILE:HD12	17	0.97
(13,186)	1:60:A:LEU:H	1:63:A:ILE:HD13	17	0.97
(11,2305)	1:98:A:ILE:H	1:104:A:PHE:HB2	3	0.97
(11,2305)	1:98:A:ILE:H	1:104:A:PHE:HB3	3	0.97
(11,1879)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	7	0.97
(11,1304)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	18	0.97
(11,1304)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	18	0.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1304)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	18	0.97
(11,1265)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	13	0.97
(11,1265)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	13	0.97
(11,1265)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	13	0.97
(11,1265)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	13	0.97
(11,1265)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	13	0.97
(11,1265)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	13	0.97
(11,1252)	1:21:A:THR:HG21	1:23:A:LEU:HA	10	0.97
(11,1252)	1:21:A:THR:HG22	1:23:A:LEU:HA	10	0.97
(11,1252)	1:21:A:THR:HG23	1:23:A:LEU:HA	10	0.97
(11,1242)	1:144:A:LEU:HD11	1:145:A:PRO:HD2	1	0.97
(11,1242)	1:144:A:LEU:HD12	1:145:A:PRO:HD2	1	0.97
(11,1242)	1:144:A:LEU:HD13	1:145:A:PRO:HD2	1	0.97
(11,1239)	1:34:A:LYS:H	1:81:A:GLU:HA	15	0.97
(11,940)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	10	0.97
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	1	0.97
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	1	0.97
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	1	0.97
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	1	0.97
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	1	0.97
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	1	0.97
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	2	0.97
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	2	0.97
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	2	0.97
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	2	0.97
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	2	0.97
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	2	0.97
(11,654)	1:79:A:THR:H	1:80:A:TYR:HD1	16	0.97
(11,654)	1:79:A:THR:H	1:80:A:TYR:HD2	16	0.97
(9,1919)	1:14:A:VAL:HB	1:18:A:PHE:HZ	16	0.97
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE1	4	0.97
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE2	4	0.97
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE3	4	0.97
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	13	0.97
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	13	0.97
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	13	0.97
(9,1180)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	11	0.97
(9,1180)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	11	0.97
(9,1180)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	11	0.97
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	12	0.97
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	12	0.97
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	12	0.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	12	0.97
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	12	0.97
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	12	0.97
(9,707)	1:44:A:GLU:HB2	1:48:A:ARG:HE	11	0.97
(9,707)	1:44:A:GLU:HB3	1:48:A:ARG:HE	11	0.97
(7,2320)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	10	0.97
(7,2320)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	10	0.97
(7,2320)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	10	0.97
(7,2320)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	10	0.97
(7,2320)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	10	0.97
(7,2320)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	10	0.97
(7,2320)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	10	0.97
(7,2320)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	10	0.97
(7,2320)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	10	0.97
(7,2320)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	10	0.97
(7,2320)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	10	0.97
(7,2320)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	10	0.97
(7,2269)	1:98:A:ILE:H	1:104:A:PHE:HB2	3	0.97
(7,2269)	1:98:A:ILE:H	1:104:A:PHE:HB3	3	0.97
(7,2215)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	9	0.97
(7,2215)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	9	0.97
(7,1833)	1:18:A:PHE:HA	1:113:A:PHE:HE1	19	0.97
(7,1833)	1:18:A:PHE:HA	1:113:A:PHE:HE2	19	0.97
(7,1685)	1:79:A:THR:HG21	1:81:A:GLU:HB3	5	0.97
(7,1685)	1:79:A:THR:HG22	1:81:A:GLU:HB3	5	0.97
(7,1685)	1:79:A:THR:HG23	1:81:A:GLU:HB3	5	0.97
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE1	8	0.97
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE2	8	0.97
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE3	8	0.97
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	3	0.97
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	3	0.97
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	3	0.97
(7,1213)	1:21:A:THR:HG21	1:23:A:LEU:HA	10	0.97
(7,1213)	1:21:A:THR:HG22	1:23:A:LEU:HA	10	0.97
(7,1213)	1:21:A:THR:HG23	1:23:A:LEU:HA	10	0.97
(7,836)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	18	0.97
(7,836)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	18	0.97
(7,836)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	18	0.97
(7,175)	1:8:A:ASP:H	1:58:A:ILE:HG13	12	0.97
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD21	1	0.97
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD22	1	0.97
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD23	1	0.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE1	8	0.97
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE2	8	0.97
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE3	8	0.97
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	13	0.97
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	13	0.97
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	13	0.97
(6,1229)	1:21:A:THR:HG21	1:23:A:LEU:HA	10	0.97
(6,1229)	1:21:A:THR:HG22	1:23:A:LEU:HA	10	0.97
(6,1229)	1:21:A:THR:HG23	1:23:A:LEU:HA	10	0.97
(6,837)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	18	0.97
(6,837)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	18	0.97
(6,837)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	18	0.97
(6,743)	1:43:A:MET:HE1	1:134:A:VAL:H	17	0.97
(6,743)	1:43:A:MET:HE2	1:134:A:VAL:H	17	0.97
(6,743)	1:43:A:MET:HE3	1:134:A:VAL:H	17	0.97
(5,2214)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	11	0.97
(5,2214)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	11	0.97
(5,2214)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	11	0.97
(5,2214)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	11	0.97
(5,2214)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	11	0.97
(5,2214)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	11	0.97
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	8	0.97
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	8	0.97
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	8	0.97
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	8	0.97
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	8	0.97
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	8	0.97
(5,1892)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	5	0.97
(5,1892)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	5	0.97
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	12	0.97
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	12	0.97
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	12	0.97
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	12	0.97
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	12	0.97
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	12	0.97
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	14	0.97
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	14	0.97
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	14	0.97
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	14	0.97
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	14	0.97
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	14	0.97
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	15	0.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	15	0.97
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	15	0.97
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	15	0.97
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	15	0.97
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	15	0.97
(5,1481)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	14	0.97
(5,1481)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	14	0.97
(5,1481)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	14	0.97
(5,1481)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	14	0.97
(5,1481)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	14	0.97
(5,1481)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	14	0.97
(5,1481)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	14	0.97
(5,1481)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	14	0.97
(5,1481)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	14	0.97
(5,1271)	1:12:A:VAL:HG11	1:40:A:LEU:HA	14	0.97
(5,1271)	1:12:A:VAL:HG12	1:40:A:LEU:HA	14	0.97
(5,1271)	1:12:A:VAL:HG13	1:40:A:LEU:HA	14	0.97
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG2	16	0.97
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG3	16	0.97
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG2	16	0.97
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG3	16	0.97
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG2	16	0.97
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG3	16	0.97
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	12	0.97
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	12	0.97
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	12	0.97
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	12	0.97
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	12	0.97
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	12	0.97
(5,228)	1:112:A:GLN:HG2	1:114:A:ILE:H	13	0.97
(5,228)	1:112:A:GLN:HG3	1:114:A:ILE:H	13	0.97
(5,52)	1:47:A:ALA:H	1:134:A:VAL:HG11	1	0.97
(5,52)	1:47:A:ALA:H	1:134:A:VAL:HG12	1	0.97
(5,52)	1:47:A:ALA:H	1:134:A:VAL:HG13	1	0.97
(4,2399)	1:125:A:THR:HA	1:127:A:CYS:HB2	2	0.97
(4,2399)	1:125:A:THR:HA	1:127:A:CYS:HB3	2	0.97
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG11	4	0.97
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG12	4	0.97
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG13	4	0.97
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG21	4	0.97
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG22	4	0.97
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG23	4	0.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	13	0.97
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	13	0.97
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	13	0.97
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG21	13	0.97
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG22	13	0.97
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG23	13	0.97
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD11	15	0.97
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD12	15	0.97
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD13	15	0.97
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD21	15	0.97
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD22	15	0.97
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD23	15	0.97
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	11	0.97
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	11	0.97
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	11	0.97
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	11	0.97
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	11	0.97
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	11	0.97
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD21	1	0.97
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD22	1	0.97
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD23	1	0.97
(4,1460)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	19	0.97
(4,1460)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	19	0.97
(4,1460)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	19	0.97
(4,1460)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	19	0.97
(4,1460)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	19	0.97
(4,1460)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	19	0.97
(4,1223)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	13	0.97
(4,1223)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	13	0.97
(4,1223)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	13	0.97
(4,1223)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	13	0.97
(4,1223)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	13	0.97
(4,1223)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	13	0.97
(4,1212)	1:21:A:THR:HG21	1:23:A:LEU:HA	10	0.97
(4,1212)	1:21:A:THR:HG22	1:23:A:LEU:HA	10	0.97
(4,1212)	1:21:A:THR:HG23	1:23:A:LEU:HA	10	0.97
(4,842)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	18	0.97
(4,842)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	18	0.97
(4,842)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	18	0.97
(4,171)	1:8:A:ASP:H	1:58:A:ILE:HG13	12	0.97
(3,2174)	1:43:A:MET:HE1	1:134:A:VAL:HG11	18	0.97
(3,2174)	1:43:A:MET:HE1	1:134:A:VAL:HG12	18	0.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2174)	1:43:A:MET:HE1	1:134:A:VAL:HG13	18	0.97
(3,2174)	1:43:A:MET:HE1	1:134:A:VAL:HG21	18	0.97
(3,2174)	1:43:A:MET:HE1	1:134:A:VAL:HG22	18	0.97
(3,2174)	1:43:A:MET:HE1	1:134:A:VAL:HG23	18	0.97
(3,2174)	1:43:A:MET:HE2	1:134:A:VAL:HG11	18	0.97
(3,2174)	1:43:A:MET:HE2	1:134:A:VAL:HG12	18	0.97
(3,2174)	1:43:A:MET:HE2	1:134:A:VAL:HG13	18	0.97
(3,2174)	1:43:A:MET:HE2	1:134:A:VAL:HG21	18	0.97
(3,2174)	1:43:A:MET:HE2	1:134:A:VAL:HG22	18	0.97
(3,2174)	1:43:A:MET:HE2	1:134:A:VAL:HG23	18	0.97
(3,2174)	1:43:A:MET:HE3	1:134:A:VAL:HG11	18	0.97
(3,2174)	1:43:A:MET:HE3	1:134:A:VAL:HG12	18	0.97
(3,2174)	1:43:A:MET:HE3	1:134:A:VAL:HG13	18	0.97
(3,2174)	1:43:A:MET:HE3	1:134:A:VAL:HG21	18	0.97
(3,2174)	1:43:A:MET:HE3	1:134:A:VAL:HG22	18	0.97
(3,2174)	1:43:A:MET:HE3	1:134:A:VAL:HG23	18	0.97
(3,2059)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	18	0.97
(3,2059)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	18	0.97
(3,2059)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	18	0.97
(3,2059)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	18	0.97
(3,2059)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	18	0.97
(3,2059)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	18	0.97
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG2	10	0.97
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG3	10	0.97
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG2	10	0.97
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG3	10	0.97
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG2	10	0.97
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG3	10	0.97
(3,1950)	1:14:A:VAL:HB	1:18:A:PHE:HZ	16	0.97
(3,1891)	1:18:A:PHE:HA	1:113:A:PHE:HE1	19	0.97
(3,1891)	1:18:A:PHE:HA	1:113:A:PHE:HE2	19	0.97
(3,1885)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	7	0.97
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD21	5	0.97
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD22	5	0.97
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD23	5	0.97
(3,1481)	1:13:A:ALA:HB1	1:78:A:HIS:HA	2	0.97
(3,1481)	1:13:A:ALA:HB2	1:78:A:HIS:HA	2	0.97
(3,1481)	1:13:A:ALA:HB3	1:78:A:HIS:HA	2	0.97
(3,1476)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	7	0.97
(3,1476)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	7	0.97
(3,1476)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	7	0.97
(3,1040)	1:113:A:PHE:HA	1:116:A:GLN:HG3	14	0.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1010)	1:35:A:LEU:HG	1:143:A:TRP:HB3	14	0.97
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	1	0.97
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	1	0.97
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	1	0.97
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	1	0.97
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	1	0.97
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	1	0.97
(3,692)	1:145:A:PRO:HB3	1:148:A:CYS:H	1	0.97
(3,409)	1:119:A:LEU:H	1:119:A:LEU:HG	1	0.97
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	16	0.97
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	16	0.97
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	16	0.97
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	16	0.97
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	16	0.97
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	16	0.97
(2,1949)	1:14:A:VAL:HB	1:18:A:PHE:HZ	16	0.97
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB2	16	0.97
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB3	16	0.97
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB2	16	0.97
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB3	16	0.97
(2,1348)	1:125:A:THR:HG21	1:129:A:LYS:HB2	19	0.97
(2,1348)	1:125:A:THR:HG21	1:129:A:LYS:HB3	19	0.97
(2,1348)	1:125:A:THR:HG22	1:129:A:LYS:HB2	19	0.97
(2,1348)	1:125:A:THR:HG22	1:129:A:LYS:HB3	19	0.97
(2,1348)	1:125:A:THR:HG23	1:129:A:LYS:HB2	19	0.97
(2,1348)	1:125:A:THR:HG23	1:129:A:LYS:HB3	19	0.97
(2,1241)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	19	0.97
(2,1241)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	19	0.97
(2,1241)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	19	0.97
(2,1241)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	19	0.97
(2,1241)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	19	0.97
(2,1241)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	19	0.97
(2,1167)	1:39:A:VAL:HA	1:140:A:LEU:HD21	13	0.97
(2,1167)	1:39:A:VAL:HA	1:140:A:LEU:HD22	13	0.97
(2,1167)	1:39:A:VAL:HA	1:140:A:LEU:HD23	13	0.97
(2,187)	1:60:A:LEU:H	1:63:A:ILE:HD11	17	0.97
(2,187)	1:60:A:LEU:H	1:63:A:ILE:HD12	17	0.97
(2,187)	1:60:A:LEU:H	1:63:A:ILE:HD13	17	0.97
(1,2211)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	10	0.97
(1,2211)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	10	0.97
(1,2211)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	10	0.97
(1,2211)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	10	0.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1880)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	5	0.97
(1,1880)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	5	0.97
(1,1877)	1:18:A:PHE:HA	1:113:A:PHE:HE1	19	0.97
(1,1877)	1:18:A:PHE:HA	1:113:A:PHE:HE2	19	0.97
(1,1836)	1:9:A:PHE:HZ	1:57:A:LEU:HA	14	0.97
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	7	0.97
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	7	0.97
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	7	0.97
(1,1444)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	3	0.97
(1,1444)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	3	0.97
(1,1444)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	3	0.97
(1,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	8	0.97
(1,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	8	0.97
(1,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	8	0.97
(1,1264)	1:12:A:VAL:HG11	1:40:A:LEU:HA	14	0.97
(1,1264)	1:12:A:VAL:HG12	1:40:A:LEU:HA	14	0.97
(1,1264)	1:12:A:VAL:HG13	1:40:A:LEU:HA	14	0.97
(1,862)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	18	0.97
(1,862)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	18	0.97
(1,862)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	18	0.97
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD11	7	0.96
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD12	7	0.96
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD13	7	0.96
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD21	7	0.96
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD22	7	0.96
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD23	7	0.96
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	16	0.96
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	16	0.96
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	16	0.96
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	16	0.96
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	16	0.96
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	16	0.96
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	16	0.96
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	16	0.96
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	16	0.96
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	16	0.96
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	16	0.96
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	16	0.96
(34,1804)	1:13:A:ALA:HA	1:80:A:TYR:HD1	17	0.96
(34,1804)	1:13:A:ALA:HA	1:80:A:TYR:HD2	17	0.96
(34,1772)	1:141:A:LYS:HA	1:144:A:LEU:HD21	10	0.96
(34,1772)	1:141:A:LYS:HA	1:144:A:LEU:HD22	10	0.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1772)	1:141:A:LYS:HA	1:144:A:LEU:HD23	10	0.96
(34,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	5	0.96
(34,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	5	0.96
(34,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	5	0.96
(34,1294)	1:11:A:ILE:HG21	1:15:A:ALA:HA	8	0.96
(34,1294)	1:11:A:ILE:HG22	1:15:A:ALA:HA	8	0.96
(34,1294)	1:11:A:ILE:HG23	1:15:A:ALA:HA	8	0.96
(34,799)	1:63:A:ILE:HD11	1:69:A:MET:HE1	11	0.96
(34,799)	1:63:A:ILE:HD11	1:69:A:MET:HE2	11	0.96
(34,799)	1:63:A:ILE:HD11	1:69:A:MET:HE3	11	0.96
(34,799)	1:63:A:ILE:HD12	1:69:A:MET:HE1	11	0.96
(34,799)	1:63:A:ILE:HD12	1:69:A:MET:HE2	11	0.96
(34,799)	1:63:A:ILE:HD12	1:69:A:MET:HE3	11	0.96
(34,799)	1:63:A:ILE:HD13	1:69:A:MET:HE1	11	0.96
(34,799)	1:63:A:ILE:HD13	1:69:A:MET:HE2	11	0.96
(34,799)	1:63:A:ILE:HD13	1:69:A:MET:HE3	11	0.96
(34,748)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	10	0.96
(34,321)	1:40:A:LEU:HD11	1:43:A:MET:H	17	0.96
(34,321)	1:40:A:LEU:HD12	1:43:A:MET:H	17	0.96
(34,321)	1:40:A:LEU:HD13	1:43:A:MET:H	17	0.96
(33,2087)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	0.96
(33,2087)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	0.96
(33,2087)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	0.96
(33,2087)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	3	0.96
(33,2087)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	3	0.96
(33,2087)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	3	0.96
(33,1913)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	19	0.96
(33,1710)	1:13:A:ALA:HA	1:79:A:THR:HG21	6	0.96
(33,1710)	1:13:A:ALA:HA	1:79:A:THR:HG22	6	0.96
(33,1710)	1:13:A:ALA:HA	1:79:A:THR:HG23	6	0.96
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD11	6	0.96
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD12	6	0.96
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD13	6	0.96
(33,1253)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	19	0.96
(33,1253)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	19	0.96
(33,1253)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	19	0.96
(33,1253)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	19	0.96
(33,1253)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	19	0.96
(33,1253)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	19	0.96
(33,1171)	1:140:A:LEU:HD11	1:144:A:LEU:H	5	0.96
(33,1171)	1:140:A:LEU:HD12	1:144:A:LEU:H	5	0.96
(33,1171)	1:140:A:LEU:HD13	1:144:A:LEU:H	5	0.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,794)	1:63:A:ILE:HD11	1:69:A:MET:HE1	11	0.96
(33,794)	1:63:A:ILE:HD11	1:69:A:MET:HE2	11	0.96
(33,794)	1:63:A:ILE:HD11	1:69:A:MET:HE3	11	0.96
(33,794)	1:63:A:ILE:HD12	1:69:A:MET:HE1	11	0.96
(33,794)	1:63:A:ILE:HD12	1:69:A:MET:HE2	11	0.96
(33,794)	1:63:A:ILE:HD12	1:69:A:MET:HE3	11	0.96
(33,794)	1:63:A:ILE:HD13	1:69:A:MET:HE1	11	0.96
(33,794)	1:63:A:ILE:HD13	1:69:A:MET:HE2	11	0.96
(33,794)	1:63:A:ILE:HD13	1:69:A:MET:HE3	11	0.96
(33,594)	1:28:A:GLY:H	1:29:A:LYS:HG2	5	0.96
(33,594)	1:28:A:GLY:H	1:29:A:LYS:HG3	5	0.96
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	12	0.96
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	12	0.96
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	12	0.96
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	12	0.96
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	12	0.96
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	12	0.96
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	12	0.96
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	12	0.96
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	12	0.96
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	12	0.96
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	12	0.96
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	12	0.96
(32,2134)	1:43:A:MET:HE1	1:46:A:ASN:HB2	1	0.96
(32,2134)	1:43:A:MET:HE1	1:46:A:ASN:HB3	1	0.96
(32,2134)	1:43:A:MET:HE2	1:46:A:ASN:HB2	1	0.96
(32,2134)	1:43:A:MET:HE2	1:46:A:ASN:HB3	1	0.96
(32,2134)	1:43:A:MET:HE3	1:46:A:ASN:HB2	1	0.96
(32,2134)	1:43:A:MET:HE3	1:46:A:ASN:HB3	1	0.96
(32,1751)	1:13:A:ALA:HA	1:80:A:TYR:HD1	17	0.96
(32,1751)	1:13:A:ALA:HA	1:80:A:TYR:HD2	17	0.96
(32,1695)	1:31:A:PRO:HB2	1:35:A:LEU:HA	12	0.96
(32,1695)	1:31:A:PRO:HB3	1:35:A:LEU:HA	12	0.96
(32,1677)	1:13:A:ALA:HA	1:79:A:THR:HG21	6	0.96
(32,1677)	1:13:A:ALA:HA	1:79:A:THR:HG22	6	0.96
(32,1677)	1:13:A:ALA:HA	1:79:A:THR:HG23	6	0.96
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD11	6	0.96
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD12	6	0.96
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD13	6	0.96
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE1	18	0.96
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE2	18	0.96
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE3	18	0.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,726)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	10	0.96
(32,579)	1:28:A:GLY:H	1:29:A:LYS:HG2	5	0.96
(32,579)	1:28:A:GLY:H	1:29:A:LYS:HG3	5	0.96
(30,2184)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	9	0.96
(30,2184)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	9	0.96
(30,2184)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	9	0.96
(30,2184)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	9	0.96
(30,2184)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	9	0.96
(30,2184)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	9	0.96
(30,2184)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	9	0.96
(30,2184)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	9	0.96
(30,2184)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	9	0.96
(30,2184)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	9	0.96
(30,2184)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	9	0.96
(30,2184)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	9	0.96
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	10	0.96
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	10	0.96
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	10	0.96
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	10	0.96
(30,1790)	1:13:A:ALA:HA	1:80:A:TYR:HD1	17	0.96
(30,1790)	1:13:A:ALA:HA	1:80:A:TYR:HD2	17	0.96
(30,1749)	1:140:A:LEU:HD11	1:144:A:LEU:H	5	0.96
(30,1749)	1:140:A:LEU:HD12	1:144:A:LEU:H	5	0.96
(30,1749)	1:140:A:LEU:HD13	1:144:A:LEU:H	5	0.96
(30,1549)	1:143:A:TRP:HD1	1:144:A:LEU:HD21	10	0.96
(30,1549)	1:143:A:TRP:HD1	1:144:A:LEU:HD22	10	0.96
(30,1549)	1:143:A:TRP:HD1	1:144:A:LEU:HD23	10	0.96
(30,856)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	7	0.96
(30,856)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	7	0.96
(30,814)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	3	0.96
(30,814)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	3	0.96
(30,814)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	3	0.96
(30,788)	1:63:A:ILE:HD11	1:69:A:MET:HE1	11	0.96
(30,788)	1:63:A:ILE:HD11	1:69:A:MET:HE2	11	0.96
(30,788)	1:63:A:ILE:HD11	1:69:A:MET:HE3	11	0.96
(30,788)	1:63:A:ILE:HD12	1:69:A:MET:HE1	11	0.96
(30,788)	1:63:A:ILE:HD12	1:69:A:MET:HE2	11	0.96
(30,788)	1:63:A:ILE:HD12	1:69:A:MET:HE3	11	0.96
(30,788)	1:63:A:ILE:HD13	1:69:A:MET:HE1	11	0.96
(30,788)	1:63:A:ILE:HD13	1:69:A:MET:HE2	11	0.96
(30,788)	1:63:A:ILE:HD13	1:69:A:MET:HE3	11	0.96
(30,739)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	10	0.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	12	0.96
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	12	0.96
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	12	0.96
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	12	0.96
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	12	0.96
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	12	0.96
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	12	0.96
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	12	0.96
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	12	0.96
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	12	0.96
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	12	0.96
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	12	0.96
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	12	0.96
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	12	0.96
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	12	0.96
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	12	0.96
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	12	0.96
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	12	0.96
(29,1810)	1:13:A:ALA:HA	1:80:A:TYR:HD1	17	0.96
(29,1810)	1:13:A:ALA:HA	1:80:A:TYR:HD2	17	0.96
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE1	13	0.96
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE2	13	0.96
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE3	13	0.96
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	15	0.96
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	15	0.96
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	15	0.96
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	15	0.96
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	15	0.96
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	15	0.96
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	15	0.96
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	15	0.96
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	15	0.96
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	1	0.96
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	1	0.96
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	1	0.96
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	17	0.96
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	17	0.96
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	17	0.96
(29,754)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	10	0.96
(22,37)	1:120:A:CYS:H	1:116:A:GLN:C	6	0.96
(22,35)	1:119:A:LEU:H	1:115:A:ALA:C	8	0.96
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	8	0.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	8	0.96
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	8	0.96
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	8	0.96
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	8	0.96
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	8	0.96
(18,1704)	1:13:A:ALA:HA	1:79:A:THR:HG21	6	0.96
(18,1704)	1:13:A:ALA:HA	1:79:A:THR:HG22	6	0.96
(18,1704)	1:13:A:ALA:HA	1:79:A:THR:HG23	6	0.96
(18,1603)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	5	0.96
(18,1603)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	5	0.96
(18,1603)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	5	0.96
(18,1235)	1:79:A:THR:HG21	1:81:A:GLU:HA	2	0.96
(18,1235)	1:79:A:THR:HG22	1:81:A:GLU:HA	2	0.96
(18,1235)	1:79:A:THR:HG23	1:81:A:GLU:HA	2	0.96
(18,767)	1:147:A:ARG:HA	1:147:A:ARG:HE	11	0.96
(18,757)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	10	0.96
(18,121)	1:79:A:THR:H	1:80:A:TYR:H	1	0.96
(18,121)	1:79:A:THR:H	1:80:A:TYR:H	3	0.96
(18,121)	1:79:A:THR:H	1:80:A:TYR:H	15	0.96
(18,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	10	0.96
(17,1929)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	19	0.96
(17,1882)	1:9:A:PHE:HE1	1:14:A:VAL:HB	19	0.96
(17,1882)	1:9:A:PHE:HE2	1:14:A:VAL:HB	19	0.96
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	9	0.96
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	9	0.96
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	9	0.96
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	9	0.96
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	9	0.96
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	9	0.96
(17,1803)	1:13:A:ALA:HA	1:80:A:TYR:HD1	17	0.96
(17,1803)	1:13:A:ALA:HA	1:80:A:TYR:HD2	17	0.96
(17,982)	1:47:A:ALA:HB1	1:134:A:VAL:HB	16	0.96
(17,982)	1:47:A:ALA:HB2	1:134:A:VAL:HB	16	0.96
(17,982)	1:47:A:ALA:HB3	1:134:A:VAL:HB	16	0.96
(17,842)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	14	0.96
(17,842)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	14	0.96
(17,842)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	14	0.96
(17,842)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	14	0.96
(17,842)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	14	0.96
(17,842)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	14	0.96
(17,745)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	10	0.96
(16,2141)	1:40:A:LEU:HD11	1:43:A:MET:HG3	2	0.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2141)	1:40:A:LEU:HD12	1:43:A:MET:HG3	2	0.96
(16,2141)	1:40:A:LEU:HD13	1:43:A:MET:HG3	2	0.96
(16,2141)	1:40:A:LEU:HD21	1:43:A:MET:HG3	2	0.96
(16,2141)	1:40:A:LEU:HD22	1:43:A:MET:HG3	2	0.96
(16,2141)	1:40:A:LEU:HD23	1:43:A:MET:HG3	2	0.96
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	10	0.96
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	10	0.96
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	10	0.96
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	10	0.96
(16,1712)	1:13:A:ALA:HA	1:79:A:THR:HG21	6	0.96
(16,1712)	1:13:A:ALA:HA	1:79:A:THR:HG22	6	0.96
(16,1712)	1:13:A:ALA:HA	1:79:A:THR:HG23	6	0.96
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG11	1	0.96
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG12	1	0.96
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG13	1	0.96
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD11	6	0.96
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD12	6	0.96
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD13	6	0.96
(16,1563)	1:58:A:ILE:HD11	1:61:A:SER:H	13	0.96
(16,1563)	1:58:A:ILE:HD12	1:61:A:SER:H	13	0.96
(16,1563)	1:58:A:ILE:HD13	1:61:A:SER:H	13	0.96
(16,1036)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	15	0.96
(16,1036)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	15	0.96
(16,985)	1:14:A:VAL:HB	1:15:A:ALA:HB1	8	0.96
(16,985)	1:14:A:VAL:HB	1:15:A:ALA:HB2	8	0.96
(16,985)	1:14:A:VAL:HB	1:15:A:ALA:HB3	8	0.96
(16,985)	1:14:A:VAL:HB	1:15:A:ALA:HB1	14	0.96
(16,985)	1:14:A:VAL:HB	1:15:A:ALA:HB2	14	0.96
(16,985)	1:14:A:VAL:HB	1:15:A:ALA:HB3	14	0.96
(16,944)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	7	0.96
(16,944)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	7	0.96
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD11	5	0.96
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD12	5	0.96
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD13	5	0.96
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD11	5	0.96
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD12	5	0.96
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD13	5	0.96
(16,601)	1:28:A:GLY:H	1:29:A:LYS:HG2	5	0.96
(16,601)	1:28:A:GLY:H	1:29:A:LYS:HG3	5	0.96
(16,118)	1:79:A:THR:H	1:80:A:TYR:H	1	0.96
(16,118)	1:79:A:THR:H	1:80:A:TYR:H	3	0.96
(16,118)	1:79:A:THR:H	1:80:A:TYR:H	15	0.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1890)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	19	0.96
(15,1874)	1:18:A:PHE:HE1	1:61:A:SER:H	3	0.96
(15,1874)	1:18:A:PHE:HE2	1:61:A:SER:H	3	0.96
(15,1777)	1:13:A:ALA:HA	1:80:A:TYR:HD1	17	0.96
(15,1777)	1:13:A:ALA:HA	1:80:A:TYR:HD2	17	0.96
(15,798)	1:63:A:ILE:HD11	1:69:A:MET:HE1	11	0.96
(15,798)	1:63:A:ILE:HD11	1:69:A:MET:HE2	11	0.96
(15,798)	1:63:A:ILE:HD11	1:69:A:MET:HE3	11	0.96
(15,798)	1:63:A:ILE:HD12	1:69:A:MET:HE1	11	0.96
(15,798)	1:63:A:ILE:HD12	1:69:A:MET:HE2	11	0.96
(15,798)	1:63:A:ILE:HD12	1:69:A:MET:HE3	11	0.96
(15,798)	1:63:A:ILE:HD13	1:69:A:MET:HE1	11	0.96
(15,798)	1:63:A:ILE:HD13	1:69:A:MET:HE2	11	0.96
(15,798)	1:63:A:ILE:HD13	1:69:A:MET:HE3	11	0.96
(15,744)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	10	0.96
(13,2225)	1:70:A:LYS:HG2	1:71:A:LYS:H	6	0.96
(13,2225)	1:70:A:LYS:HG3	1:71:A:LYS:H	6	0.96
(13,1817)	1:9:A:PHE:HZ	1:58:A:ILE:HG13	7	0.96
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG21	19	0.96
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG22	19	0.96
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG23	19	0.96
(13,1587)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	5	0.96
(13,1587)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	5	0.96
(13,1587)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	5	0.96
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE1	18	0.96
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE2	18	0.96
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE3	18	0.96
(13,1435)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	14	0.96
(13,1435)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	14	0.96
(13,1435)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	14	0.96
(13,1435)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	14	0.96
(13,1435)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	14	0.96
(13,1435)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	14	0.96
(13,1435)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	14	0.96
(13,1435)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	14	0.96
(13,1435)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	14	0.96
(13,1431)	1:13:A:ALA:HB1	1:61:A:SER:HA	6	0.96
(13,1431)	1:13:A:ALA:HB2	1:61:A:SER:HA	6	0.96
(13,1431)	1:13:A:ALA:HB3	1:61:A:SER:HA	6	0.96
(13,726)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	10	0.96
(13,468)	1:14:A:VAL:H	1:61:A:SER:HA	17	0.96
(11,2417)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	3	0.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2417)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	3	0.96
(11,2417)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	3	0.96
(11,2417)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	3	0.96
(11,2417)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	3	0.96
(11,2417)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	3	0.96
(11,2417)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	3	0.96
(11,2417)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	3	0.96
(11,2417)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	3	0.96
(11,2417)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	3	0.96
(11,2417)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	3	0.96
(11,2417)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	3	0.96
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	10	0.96
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	10	0.96
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	10	0.96
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	10	0.96
(11,1756)	1:13:A:ALA:HA	1:79:A:THR:HG21	6	0.96
(11,1756)	1:13:A:ALA:HA	1:79:A:THR:HG22	6	0.96
(11,1756)	1:13:A:ALA:HA	1:79:A:THR:HG23	6	0.96
(11,1605)	1:58:A:ILE:HD11	1:61:A:SER:H	13	0.96
(11,1605)	1:58:A:ILE:HD12	1:61:A:SER:H	13	0.96
(11,1605)	1:58:A:ILE:HD13	1:61:A:SER:H	13	0.96
(11,1576)	1:143:A:TRP:HD1	1:144:A:LEU:HD21	10	0.96
(11,1576)	1:143:A:TRP:HD1	1:144:A:LEU:HD22	10	0.96
(11,1576)	1:143:A:TRP:HD1	1:144:A:LEU:HD23	10	0.96
(11,1554)	1:69:A:MET:HE1	1:76:A:ARG:HG2	5	0.96
(11,1554)	1:69:A:MET:HE1	1:76:A:ARG:HG3	5	0.96
(11,1554)	1:69:A:MET:HE2	1:76:A:ARG:HG2	5	0.96
(11,1554)	1:69:A:MET:HE2	1:76:A:ARG:HG3	5	0.96
(11,1554)	1:69:A:MET:HE3	1:76:A:ARG:HG2	5	0.96
(11,1554)	1:69:A:MET:HE3	1:76:A:ARG:HG3	5	0.96
(11,994)	1:105:A:LYS:HD2	1:107:A:LEU:H	1	0.96
(11,994)	1:105:A:LYS:HD3	1:107:A:LEU:H	1	0.96
(11,940)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	3	0.96
(11,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	14	0.96
(11,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	14	0.96
(11,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	14	0.96
(11,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	14	0.96
(11,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	14	0.96
(11,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	14	0.96
(11,741)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	10	0.96
(11,119)	1:79:A:THR:H	1:80:A:TYR:H	1	0.96
(11,119)	1:79:A:THR:H	1:80:A:TYR:H	3	0.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,119)	1:79:A:THR:H	1:80:A:TYR:H	15	0.96
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD11	12	0.96
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD12	12	0.96
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD13	12	0.96
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD21	12	0.96
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD22	12	0.96
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD23	12	0.96
(9,1781)	1:13:A:ALA:HA	1:80:A:TYR:HD1	17	0.96
(9,1781)	1:13:A:ALA:HA	1:80:A:TYR:HD2	17	0.96
(9,1712)	1:13:A:ALA:HA	1:79:A:THR:HG21	6	0.96
(9,1712)	1:13:A:ALA:HA	1:79:A:THR:HG22	6	0.96
(9,1712)	1:13:A:ALA:HA	1:79:A:THR:HG23	6	0.96
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE1	18	0.96
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE2	18	0.96
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE3	18	0.96
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB2	17	0.96
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB3	17	0.96
(9,118)	1:79:A:THR:H	1:80:A:TYR:H	1	0.96
(9,118)	1:79:A:THR:H	1:80:A:TYR:H	3	0.96
(9,118)	1:79:A:THR:H	1:80:A:TYR:H	15	0.96
(7,2120)	1:43:A:MET:HE1	1:46:A:ASN:HB2	1	0.96
(7,2120)	1:43:A:MET:HE1	1:46:A:ASN:HB3	1	0.96
(7,2120)	1:43:A:MET:HE2	1:46:A:ASN:HB2	1	0.96
(7,2120)	1:43:A:MET:HE2	1:46:A:ASN:HB3	1	0.96
(7,2120)	1:43:A:MET:HE3	1:46:A:ASN:HB2	1	0.96
(7,2120)	1:43:A:MET:HE3	1:46:A:ASN:HB3	1	0.96
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	14	0.96
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	14	0.96
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	14	0.96
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	14	0.96
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	14	0.96
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	14	0.96
(7,1774)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	19	0.96
(7,1774)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	19	0.96
(7,1774)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	19	0.96
(7,1774)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	19	0.96
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE1	3	0.96
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE2	3	0.96
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE3	3	0.96
(7,1183)	1:13:A:ALA:H	1:40:A:LEU:HD21	4	0.96
(7,1183)	1:13:A:ALA:H	1:40:A:LEU:HD22	4	0.96
(7,1183)	1:13:A:ALA:H	1:40:A:LEU:HD23	4	0.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,593)	1:28:A:GLY:H	1:29:A:LYS:HG2	5	0.96
(7,593)	1:28:A:GLY:H	1:29:A:LYS:HG3	5	0.96
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD11	12	0.96
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD12	12	0.96
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD13	12	0.96
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD21	12	0.96
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD22	12	0.96
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD23	12	0.96
(6,2080)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	0.96
(6,2080)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	0.96
(6,2080)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	0.96
(6,2080)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	3	0.96
(6,2080)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	3	0.96
(6,2080)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	3	0.96
(6,2034)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	13	0.96
(6,2034)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	13	0.96
(6,2034)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	13	0.96
(6,2034)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	13	0.96
(6,2034)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	13	0.96
(6,2034)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	13	0.96
(6,2034)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	13	0.96
(6,2034)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	13	0.96
(6,2034)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	13	0.96
(6,2034)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	13	0.96
(6,2034)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	13	0.96
(6,2034)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	13	0.96
(6,1984)	1:12:A:VAL:HG11	1:43:A:MET:HB2	5	0.96
(6,1984)	1:12:A:VAL:HG11	1:43:A:MET:HB3	5	0.96
(6,1984)	1:12:A:VAL:HG12	1:43:A:MET:HB2	5	0.96
(6,1984)	1:12:A:VAL:HG12	1:43:A:MET:HB3	5	0.96
(6,1984)	1:12:A:VAL:HG13	1:43:A:MET:HB2	5	0.96
(6,1984)	1:12:A:VAL:HG13	1:43:A:MET:HB3	5	0.96
(6,1984)	1:12:A:VAL:HG21	1:43:A:MET:HB2	5	0.96
(6,1984)	1:12:A:VAL:HG21	1:43:A:MET:HB3	5	0.96
(6,1984)	1:12:A:VAL:HG22	1:43:A:MET:HB2	5	0.96
(6,1984)	1:12:A:VAL:HG22	1:43:A:MET:HB3	5	0.96
(6,1984)	1:12:A:VAL:HG23	1:43:A:MET:HB2	5	0.96
(6,1984)	1:12:A:VAL:HG23	1:43:A:MET:HB3	5	0.96
(6,1721)	1:13:A:ALA:HA	1:79:A:THR:HG21	6	0.96
(6,1721)	1:13:A:ALA:HA	1:79:A:THR:HG22	6	0.96
(6,1721)	1:13:A:ALA:HA	1:79:A:THR:HG23	6	0.96
(6,1505)	1:43:A:MET:HE1	1:46:A:ASN:HB2	13	0.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1505)	1:43:A:MET:HE2	1:46:A:ASN:HB2	13	0.96
(6,1505)	1:43:A:MET:HE3	1:46:A:ASN:HB2	13	0.96
(6,1190)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	11	0.96
(6,1190)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	11	0.96
(6,1190)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	11	0.96
(6,1190)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	11	0.96
(6,1190)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	11	0.96
(6,1190)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	11	0.96
(6,985)	1:98:A:ILE:HB	1:105:A:LYS:HB2	7	0.96
(6,985)	1:98:A:ILE:HB	1:105:A:LYS:HB3	7	0.96
(6,786)	1:63:A:ILE:HD11	1:69:A:MET:HE1	11	0.96
(6,786)	1:63:A:ILE:HD11	1:69:A:MET:HE2	11	0.96
(6,786)	1:63:A:ILE:HD11	1:69:A:MET:HE3	11	0.96
(6,786)	1:63:A:ILE:HD12	1:69:A:MET:HE1	11	0.96
(6,786)	1:63:A:ILE:HD12	1:69:A:MET:HE2	11	0.96
(6,786)	1:63:A:ILE:HD12	1:69:A:MET:HE3	11	0.96
(6,786)	1:63:A:ILE:HD13	1:69:A:MET:HE1	11	0.96
(6,786)	1:63:A:ILE:HD13	1:69:A:MET:HE2	11	0.96
(6,786)	1:63:A:ILE:HD13	1:69:A:MET:HE3	11	0.96
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	6	0.96
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	6	0.96
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	6	0.96
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	6	0.96
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	6	0.96
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	6	0.96
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	9	0.96
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	9	0.96
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	9	0.96
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	9	0.96
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	9	0.96
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	9	0.96
(6,742)	1:147:A:ARG:HA	1:147:A:ARG:HE	11	0.96
(6,732)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	10	0.96
(5,2478)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	9	0.96
(5,2478)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	9	0.96
(5,2478)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	9	0.96
(5,2478)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	9	0.96
(5,2195)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	19	0.96
(5,2195)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	19	0.96
(5,1999)	1:16:A:SER:HB2	1:19:A:ALA:HB1	11	0.96
(5,1999)	1:16:A:SER:HB2	1:19:A:ALA:HB2	11	0.96
(5,1999)	1:16:A:SER:HB2	1:19:A:ALA:HB3	11	0.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1999)	1:16:A:SER:HB3	1:19:A:ALA:HB1	11	0.96
(5,1999)	1:16:A:SER:HB3	1:19:A:ALA:HB2	11	0.96
(5,1999)	1:16:A:SER:HB3	1:19:A:ALA:HB3	11	0.96
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD11	11	0.96
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD12	11	0.96
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD13	11	0.96
(5,1589)	1:58:A:ILE:HD11	1:61:A:SER:H	13	0.96
(5,1589)	1:58:A:ILE:HD12	1:61:A:SER:H	13	0.96
(5,1589)	1:58:A:ILE:HD13	1:61:A:SER:H	13	0.96
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	5	0.96
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	5	0.96
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	5	0.96
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	5	0.96
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	5	0.96
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	5	0.96
(5,1319)	1:66:A:THR:HG21	1:95:A:ILE:HA	3	0.96
(5,1319)	1:66:A:THR:HG22	1:95:A:ILE:HA	3	0.96
(5,1319)	1:66:A:THR:HG23	1:95:A:ILE:HA	3	0.96
(5,1073)	1:14:A:VAL:HG21	1:61:A:SER:HA	9	0.96
(5,1073)	1:14:A:VAL:HG22	1:61:A:SER:HA	9	0.96
(5,1073)	1:14:A:VAL:HG23	1:61:A:SER:HA	9	0.96
(5,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	14	0.96
(5,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	14	0.96
(5,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	14	0.96
(5,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	14	0.96
(5,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	14	0.96
(5,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	14	0.96
(5,792)	1:63:A:ILE:HD11	1:69:A:MET:HE1	11	0.96
(5,792)	1:63:A:ILE:HD11	1:69:A:MET:HE2	11	0.96
(5,792)	1:63:A:ILE:HD11	1:69:A:MET:HE3	11	0.96
(5,792)	1:63:A:ILE:HD12	1:69:A:MET:HE1	11	0.96
(5,792)	1:63:A:ILE:HD12	1:69:A:MET:HE2	11	0.96
(5,792)	1:63:A:ILE:HD12	1:69:A:MET:HE3	11	0.96
(5,792)	1:63:A:ILE:HD13	1:69:A:MET:HE1	11	0.96
(5,792)	1:63:A:ILE:HD13	1:69:A:MET:HE2	11	0.96
(5,792)	1:63:A:ILE:HD13	1:69:A:MET:HE3	11	0.96
(5,755)	1:32:A:GLY:HA2	1:34:A:LYS:H	3	0.96
(5,705)	1:28:A:GLY:H	1:30:A:LEU:HB2	7	0.96
(5,705)	1:28:A:GLY:H	1:30:A:LEU:HB3	7	0.96
(5,630)	1:9:A:PHE:HE1	1:15:A:ALA:H	11	0.96
(5,630)	1:9:A:PHE:HE2	1:15:A:ALA:H	11	0.96
(5,228)	1:112:A:GLN:HG2	1:114:A:ILE:H	2	0.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,228)	1:112:A:GLN:HG3	1:114:A:ILE:H	2	0.96
(4,2333)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	10	0.96
(4,2333)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	10	0.96
(4,2333)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	10	0.96
(4,2333)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	10	0.96
(4,2333)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	10	0.96
(4,2333)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	10	0.96
(4,2333)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	10	0.96
(4,2333)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	10	0.96
(4,2333)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	10	0.96
(4,2333)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	10	0.96
(4,2333)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	10	0.96
(4,2333)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	10	0.96
(4,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB2	5	0.96
(4,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB3	5	0.96
(4,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB2	5	0.96
(4,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB3	5	0.96
(4,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB2	5	0.96
(4,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB3	5	0.96
(4,2145)	1:43:A:MET:HE1	1:46:A:ASN:HB2	1	0.96
(4,2145)	1:43:A:MET:HE1	1:46:A:ASN:HB3	1	0.96
(4,2145)	1:43:A:MET:HE2	1:46:A:ASN:HB2	1	0.96
(4,2145)	1:43:A:MET:HE2	1:46:A:ASN:HB3	1	0.96
(4,2145)	1:43:A:MET:HE3	1:46:A:ASN:HB2	1	0.96
(4,2145)	1:43:A:MET:HE3	1:46:A:ASN:HB3	1	0.96
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD11	17	0.96
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD12	17	0.96
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD13	17	0.96
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD21	17	0.96
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD22	17	0.96
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD23	17	0.96
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD11	14	0.96
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD12	14	0.96
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD13	14	0.96
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD21	14	0.96
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD22	14	0.96
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD23	14	0.96
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD11	14	0.96
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD12	14	0.96
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD13	14	0.96
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD21	14	0.96
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD22	14	0.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD23	14	0.96
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD11	13	0.96
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD12	13	0.96
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD13	13	0.96
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD21	13	0.96
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD22	13	0.96
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD23	13	0.96
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	13	0.96
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	13	0.96
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	13	0.96
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD21	13	0.96
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD22	13	0.96
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD23	13	0.96
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	15	0.96
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	15	0.96
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	15	0.96
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD21	15	0.96
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD22	15	0.96
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD23	15	0.96
(4,1889)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	19	0.96
(4,1868)	1:18:A:PHE:HE1	1:117:A:VAL:HA	8	0.96
(4,1868)	1:18:A:PHE:HE2	1:117:A:VAL:HA	8	0.96
(4,1867)	1:18:A:PHE:HE1	1:61:A:SER:H	3	0.96
(4,1867)	1:18:A:PHE:HE2	1:61:A:SER:H	3	0.96
(4,1787)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	19	0.96
(4,1787)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	19	0.96
(4,1787)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	19	0.96
(4,1787)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	19	0.96
(4,1699)	1:13:A:ALA:HA	1:79:A:THR:HG21	6	0.96
(4,1699)	1:13:A:ALA:HA	1:79:A:THR:HG22	6	0.96
(4,1699)	1:13:A:ALA:HA	1:79:A:THR:HG23	6	0.96
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD21	15	0.96
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD22	15	0.96
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD23	15	0.96
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD11	12	0.96
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD12	12	0.96
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD13	12	0.96
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	10	0.96
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	10	0.96
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	10	0.96
(4,786)	1:63:A:ILE:HD11	1:69:A:MET:HE1	11	0.96
(4,786)	1:63:A:ILE:HD11	1:69:A:MET:HE2	11	0.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,786)	1:63:A:ILE:HD11	1:69:A:MET:HE3	11	0.96
(4,786)	1:63:A:ILE:HD12	1:69:A:MET:HE1	11	0.96
(4,786)	1:63:A:ILE:HD12	1:69:A:MET:HE2	11	0.96
(4,786)	1:63:A:ILE:HD12	1:69:A:MET:HE3	11	0.96
(4,786)	1:63:A:ILE:HD13	1:69:A:MET:HE1	11	0.96
(4,786)	1:63:A:ILE:HD13	1:69:A:MET:HE2	11	0.96
(4,786)	1:63:A:ILE:HD13	1:69:A:MET:HE3	11	0.96
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD11	4	0.96
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD12	4	0.96
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD13	4	0.96
(4,739)	1:147:A:ARG:HA	1:147:A:ARG:HE	11	0.96
(4,702)	1:45:A:ALA:HA	1:48:A:ARG:HE	7	0.96
(3,2466)	1:134:A:VAL:HG11	1:137:A:SER:HB2	10	0.96
(3,2466)	1:134:A:VAL:HG11	1:137:A:SER:HB3	10	0.96
(3,2466)	1:134:A:VAL:HG12	1:137:A:SER:HB2	10	0.96
(3,2466)	1:134:A:VAL:HG12	1:137:A:SER:HB3	10	0.96
(3,2466)	1:134:A:VAL:HG13	1:137:A:SER:HB2	10	0.96
(3,2466)	1:134:A:VAL:HG13	1:137:A:SER:HB3	10	0.96
(3,2466)	1:134:A:VAL:HG21	1:137:A:SER:HB2	10	0.96
(3,2466)	1:134:A:VAL:HG21	1:137:A:SER:HB3	10	0.96
(3,2466)	1:134:A:VAL:HG22	1:137:A:SER:HB2	10	0.96
(3,2466)	1:134:A:VAL:HG22	1:137:A:SER:HB3	10	0.96
(3,2466)	1:134:A:VAL:HG23	1:137:A:SER:HB2	10	0.96
(3,2466)	1:134:A:VAL:HG23	1:137:A:SER:HB3	10	0.96
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE1	19	0.96
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE2	19	0.96
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE3	19	0.96
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE1	19	0.96
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE2	19	0.96
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE3	19	0.96
(3,2087)	1:32:A:GLY:HA2	1:81:A:GLU:H	14	0.96
(3,2087)	1:32:A:GLY:HA3	1:81:A:GLU:H	14	0.96
(3,1939)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	19	0.96
(3,1752)	1:13:A:ALA:HA	1:79:A:THR:HG21	6	0.96
(3,1752)	1:13:A:ALA:HA	1:79:A:THR:HG22	6	0.96
(3,1752)	1:13:A:ALA:HA	1:79:A:THR:HG23	6	0.96
(3,1689)	1:69:A:MET:HE1	1:116:A:GLN:HG3	17	0.96
(3,1689)	1:69:A:MET:HE2	1:116:A:GLN:HG3	17	0.96
(3,1689)	1:69:A:MET:HE3	1:116:A:GLN:HG3	17	0.96
(3,1273)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	11	0.96
(3,1273)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	11	0.96
(3,1273)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	11	0.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1273)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	11	0.96
(3,1273)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	11	0.96
(3,1273)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	11	0.96
(3,118)	1:79:A:THR:H	1:80:A:TYR:H	1	0.96
(3,118)	1:79:A:THR:H	1:80:A:TYR:H	3	0.96
(3,118)	1:79:A:THR:H	1:80:A:TYR:H	15	0.96
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG11	17	0.96
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG12	17	0.96
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG13	17	0.96
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG21	17	0.96
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG22	17	0.96
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG23	17	0.96
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	10	0.96
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	10	0.96
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	10	0.96
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	10	0.96
(2,1814)	1:13:A:ALA:HA	1:80:A:TYR:HD1	17	0.96
(2,1814)	1:13:A:ALA:HA	1:80:A:TYR:HD2	17	0.96
(2,1739)	1:13:A:ALA:HA	1:79:A:THR:HG21	6	0.96
(2,1739)	1:13:A:ALA:HA	1:79:A:THR:HG22	6	0.96
(2,1739)	1:13:A:ALA:HA	1:79:A:THR:HG23	6	0.96
(2,1559)	1:143:A:TRP:HD1	1:144:A:LEU:HD21	10	0.96
(2,1559)	1:143:A:TRP:HD1	1:144:A:LEU:HD22	10	0.96
(2,1559)	1:143:A:TRP:HD1	1:144:A:LEU:HD23	10	0.96
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD11	12	0.96
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD12	12	0.96
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD13	12	0.96
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD11	1	0.96
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD12	1	0.96
(2,1220)	1:43:A:MET:HE1	1:144:A:LEU:HD13	1	0.96
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD11	1	0.96
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD12	1	0.96
(2,1220)	1:43:A:MET:HE2	1:144:A:LEU:HD13	1	0.96
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD11	1	0.96
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD12	1	0.96
(2,1220)	1:43:A:MET:HE3	1:144:A:LEU:HD13	1	0.96
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD21	11	0.96
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD22	11	0.96
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD23	11	0.96
(2,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	11	0.96
(2,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	11	0.96
(2,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	11	0.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	11	0.96
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD11	6	0.96
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD12	6	0.96
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD13	6	0.96
(2,29)	1:95:A:ILE:HA	1:96:A:VAL:H	17	0.96
(1,2027)	1:23:A:LEU:HD11	1:26:A:ASP:HA	17	0.96
(1,2027)	1:23:A:LEU:HD12	1:26:A:ASP:HA	17	0.96
(1,2027)	1:23:A:LEU:HD13	1:26:A:ASP:HA	17	0.96
(1,2027)	1:23:A:LEU:HD21	1:26:A:ASP:HA	17	0.96
(1,2027)	1:23:A:LEU:HD22	1:26:A:ASP:HA	17	0.96
(1,2027)	1:23:A:LEU:HD23	1:26:A:ASP:HA	17	0.96
(1,1970)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	4	0.96
(1,1970)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	4	0.96
(1,1970)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	4	0.96
(1,1970)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	4	0.96
(1,1970)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	4	0.96
(1,1970)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	4	0.96
(1,1970)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	4	0.96
(1,1970)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	4	0.96
(1,1970)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	4	0.96
(1,1970)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	4	0.96
(1,1970)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	4	0.96
(1,1970)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	4	0.96
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE1	4	0.96
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE2	4	0.96
(1,754)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	10	0.96
(1,406)	1:119:A:LEU:H	1:119:A:LEU:HG	1	0.96
(1,201)	1:44:A:GLU:H	1:44:A:GLU:HG3	11	0.96
(34,2208)	1:60:A:LEU:HD11	1:61:A:SER:HB2	16	0.95
(34,2208)	1:60:A:LEU:HD11	1:61:A:SER:HB3	16	0.95
(34,2208)	1:60:A:LEU:HD12	1:61:A:SER:HB2	16	0.95
(34,2208)	1:60:A:LEU:HD12	1:61:A:SER:HB3	16	0.95
(34,2208)	1:60:A:LEU:HD13	1:61:A:SER:HB2	16	0.95
(34,2208)	1:60:A:LEU:HD13	1:61:A:SER:HB3	16	0.95
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	17	0.95
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	17	0.95
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	17	0.95
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	17	0.95
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	17	0.95
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	17	0.95
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	17	0.95
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	17	0.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	17	0.95
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	17	0.95
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	17	0.95
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	17	0.95
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	17	0.95
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	17	0.95
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	17	0.95
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	17	0.95
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	17	0.95
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	17	0.95
(34,2142)	1:40:A:LEU:HD11	1:45:A:ALA:H	11	0.95
(34,2142)	1:40:A:LEU:HD12	1:45:A:ALA:H	11	0.95
(34,2142)	1:40:A:LEU:HD13	1:45:A:ALA:H	11	0.95
(34,2142)	1:40:A:LEU:HD21	1:45:A:ALA:H	11	0.95
(34,2142)	1:40:A:LEU:HD22	1:45:A:ALA:H	11	0.95
(34,2142)	1:40:A:LEU:HD23	1:45:A:ALA:H	11	0.95
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD11	1	0.95
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD12	1	0.95
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD13	1	0.95
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD21	1	0.95
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD22	1	0.95
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD23	1	0.95
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD11	1	0.95
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD12	1	0.95
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD13	1	0.95
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD21	1	0.95
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD22	1	0.95
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD23	1	0.95
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD11	3	0.95
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD12	3	0.95
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD13	3	0.95
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD21	3	0.95
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD22	3	0.95
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD23	3	0.95
(34,1890)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	16	0.95
(34,1890)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	16	0.95
(34,1890)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	16	0.95
(34,1890)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	16	0.95
(34,1613)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	16	0.95
(34,1613)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	16	0.95
(34,1613)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	16	0.95
(34,1613)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	16	0.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1613)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	16	0.95
(34,1613)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	16	0.95
(34,1087)	1:95:A:ILE:HA	1:96:A:VAL:HB	17	0.95
(34,1085)	1:43:A:MET:HB2	1:140:A:LEU:HG	5	0.95
(34,1017)	1:63:A:ILE:HA	1:64:A:LYS:HD2	17	0.95
(34,1017)	1:63:A:ILE:HA	1:64:A:LYS:HD3	17	0.95
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD2	13	0.95
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD3	13	0.95
(34,966)	1:67:A:PRO:HA	1:70:A:LYS:HG2	15	0.95
(34,876)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	6	0.95
(34,876)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	6	0.95
(34,876)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	6	0.95
(34,800)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	10	0.95
(34,800)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	10	0.95
(34,800)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	10	0.95
(34,800)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	10	0.95
(34,800)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	10	0.95
(34,800)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	10	0.95
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD11	6	0.95
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD12	6	0.95
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD13	6	0.95
(33,1644)	1:134:A:VAL:HG21	1:137:A:SER:H	9	0.95
(33,1644)	1:134:A:VAL:HG22	1:137:A:SER:H	9	0.95
(33,1644)	1:134:A:VAL:HG23	1:137:A:SER:H	9	0.95
(33,1509)	1:69:A:MET:HE1	1:115:A:ALA:H	13	0.95
(33,1509)	1:69:A:MET:HE2	1:115:A:ALA:H	13	0.95
(33,1509)	1:69:A:MET:HE3	1:115:A:ALA:H	13	0.95
(33,1171)	1:140:A:LEU:HD11	1:144:A:LEU:H	10	0.95
(33,1171)	1:140:A:LEU:HD12	1:144:A:LEU:H	10	0.95
(33,1171)	1:140:A:LEU:HD13	1:144:A:LEU:H	10	0.95
(33,1057)	1:95:A:ILE:HA	1:96:A:VAL:HB	17	0.95
(33,981)	1:15:A:ALA:HB1	1:134:A:VAL:HB	3	0.95
(33,981)	1:15:A:ALA:HB2	1:134:A:VAL:HB	3	0.95
(33,981)	1:15:A:ALA:HB3	1:134:A:VAL:HB	3	0.95
(33,874)	1:56:A:CYS:H	1:122:A:ASP:HB2	11	0.95
(33,795)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	10	0.95
(33,795)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	10	0.95
(33,795)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	10	0.95
(33,795)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	10	0.95
(33,795)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	10	0.95
(33,795)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	10	0.95
(33,697)	1:10:A:ASN:HD22	1:14:A:VAL:HB	7	0.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	9	0.95
(33,295)	1:140:A:LEU:H	1:140:A:LEU:HD21	4	0.95
(33,295)	1:140:A:LEU:H	1:140:A:LEU:HD22	4	0.95
(33,295)	1:140:A:LEU:H	1:140:A:LEU:HD23	4	0.95
(32,2488)	1:144:A:LEU:HD11	1:146:A:GLN:HE21	10	0.95
(32,2488)	1:144:A:LEU:HD11	1:146:A:GLN:HE22	10	0.95
(32,2488)	1:144:A:LEU:HD12	1:146:A:GLN:HE21	10	0.95
(32,2488)	1:144:A:LEU:HD12	1:146:A:GLN:HE22	10	0.95
(32,2488)	1:144:A:LEU:HD13	1:146:A:GLN:HE21	10	0.95
(32,2488)	1:144:A:LEU:HD13	1:146:A:GLN:HE22	10	0.95
(32,2488)	1:144:A:LEU:HD21	1:146:A:GLN:HE21	10	0.95
(32,2488)	1:144:A:LEU:HD21	1:146:A:GLN:HE22	10	0.95
(32,2488)	1:144:A:LEU:HD22	1:146:A:GLN:HE21	10	0.95
(32,2488)	1:144:A:LEU:HD22	1:146:A:GLN:HE22	10	0.95
(32,2488)	1:144:A:LEU:HD23	1:146:A:GLN:HE21	10	0.95
(32,2488)	1:144:A:LEU:HD23	1:146:A:GLN:HE22	10	0.95
(32,2252)	1:70:A:LYS:HG2	1:71:A:LYS:H	8	0.95
(32,2252)	1:70:A:LYS:HG3	1:71:A:LYS:H	8	0.95
(32,2166)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	12	0.95
(32,2166)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	12	0.95
(32,2166)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	12	0.95
(32,2166)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	12	0.95
(32,2166)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	12	0.95
(32,2166)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	12	0.95
(32,2166)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	12	0.95
(32,2166)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	12	0.95
(32,2166)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	12	0.95
(32,2166)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	12	0.95
(32,2166)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	12	0.95
(32,2166)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	12	0.95
(32,2166)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	12	0.95
(32,2166)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	12	0.95
(32,2166)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	12	0.95
(32,2166)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	12	0.95
(32,2166)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	12	0.95
(32,2166)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	12	0.95
(32,1869)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	10	0.95
(32,1869)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	10	0.95
(32,1869)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	10	0.95
(32,1869)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	10	0.95
(32,1813)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	2	0.95
(32,1813)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	2	0.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1813)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	2	0.95
(32,1813)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	2	0.95
(32,1559)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	16	0.95
(32,1559)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	16	0.95
(32,1559)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	16	0.95
(32,1559)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	16	0.95
(32,1559)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	16	0.95
(32,1559)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	16	0.95
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	4	0.95
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	4	0.95
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	4	0.95
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	4	0.95
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	4	0.95
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	4	0.95
(32,1026)	1:43:A:MET:HB2	1:140:A:LEU:HG	5	0.95
(32,961)	1:105:A:LYS:HD2	1:107:A:LEU:H	1	0.95
(32,961)	1:105:A:LYS:HD3	1:107:A:LEU:H	1	0.95
(32,840)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	1	0.95
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD11	12	0.95
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD12	12	0.95
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD13	12	0.95
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD21	12	0.95
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD22	12	0.95
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD23	12	0.95
(30,2347)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	10	0.95
(30,2347)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	10	0.95
(30,2347)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	10	0.95
(30,2347)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	10	0.95
(30,2347)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	10	0.95
(30,2347)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	10	0.95
(30,2347)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	10	0.95
(30,2347)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	10	0.95
(30,2347)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	10	0.95
(30,2347)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	10	0.95
(30,2347)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	10	0.95
(30,2347)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	10	0.95
(30,2148)	1:40:A:LEU:HD11	1:45:A:ALA:H	11	0.95
(30,2148)	1:40:A:LEU:HD12	1:45:A:ALA:H	11	0.95
(30,2148)	1:40:A:LEU:HD13	1:45:A:ALA:H	11	0.95
(30,2148)	1:40:A:LEU:HD21	1:45:A:ALA:H	11	0.95
(30,2148)	1:40:A:LEU:HD22	1:45:A:ALA:H	11	0.95
(30,2148)	1:40:A:LEU:HD23	1:45:A:ALA:H	11	0.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD11	3	0.95
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD12	3	0.95
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD13	3	0.95
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD21	3	0.95
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD22	3	0.95
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD23	3	0.95
(30,1749)	1:140:A:LEU:HD11	1:144:A:LEU:H	10	0.95
(30,1749)	1:140:A:LEU:HD12	1:144:A:LEU:H	10	0.95
(30,1749)	1:140:A:LEU:HD13	1:144:A:LEU:H	10	0.95
(30,1710)	1:141:A:LYS:HA	1:145:A:PRO:HD3	5	0.95
(30,1658)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	13	0.95
(30,1658)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	13	0.95
(30,1658)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	13	0.95
(30,1658)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	13	0.95
(30,1658)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	13	0.95
(30,1658)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	13	0.95
(30,1658)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	13	0.95
(30,1658)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	13	0.95
(30,1658)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	13	0.95
(30,1651)	1:131:A:LEU:H	1:134:A:VAL:HG11	15	0.95
(30,1651)	1:131:A:LEU:H	1:134:A:VAL:HG12	15	0.95
(30,1651)	1:131:A:LEU:H	1:134:A:VAL:HG13	15	0.95
(30,1599)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	16	0.95
(30,1599)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	16	0.95
(30,1599)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	16	0.95
(30,1599)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	16	0.95
(30,1599)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	16	0.95
(30,1599)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	16	0.95
(30,1087)	1:136:A:CYS:HB3	1:141:A:LYS:HA	10	0.95
(30,961)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	18	0.95
(30,961)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	18	0.95
(30,854)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	1	0.95
(30,789)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	10	0.95
(30,789)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	10	0.95
(30,789)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	10	0.95
(30,789)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	10	0.95
(30,789)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	10	0.95
(30,789)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	10	0.95
(30,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	9	0.95
(30,411)	1:119:A:LEU:H	1:119:A:LEU:HG	1	0.95
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	17	0.95
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	17	0.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	17	0.95
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	17	0.95
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	17	0.95
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	17	0.95
(29,2145)	1:40:A:LEU:HD11	1:45:A:ALA:H	11	0.95
(29,2145)	1:40:A:LEU:HD12	1:45:A:ALA:H	11	0.95
(29,2145)	1:40:A:LEU:HD13	1:45:A:ALA:H	11	0.95
(29,2145)	1:40:A:LEU:HD21	1:45:A:ALA:H	11	0.95
(29,2145)	1:40:A:LEU:HD22	1:45:A:ALA:H	11	0.95
(29,2145)	1:40:A:LEU:HD23	1:45:A:ALA:H	11	0.95
(29,1899)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	16	0.95
(29,1899)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	16	0.95
(29,1899)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	16	0.95
(29,1899)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	16	0.95
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG11	19	0.95
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG12	19	0.95
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG13	19	0.95
(29,1641)	1:13:A:ALA:HA	1:80:A:TYR:HB3	1	0.95
(29,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	16	0.95
(29,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	16	0.95
(29,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	16	0.95
(29,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	16	0.95
(29,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	16	0.95
(29,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	16	0.95
(29,1004)	1:63:A:ILE:HA	1:64:A:LYS:HD2	17	0.95
(29,1004)	1:63:A:ILE:HA	1:64:A:LYS:HD3	17	0.95
(29,871)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	1	0.95
(29,747)	1:46:A:ASN:HD21	1:134:A:VAL:HA	7	0.95
(29,626)	1:35:A:LEU:H	1:80:A:TYR:HB2	9	0.95
(22,37)	1:120:A:CYS:H	1:116:A:GLN:C	3	0.95
(20,6)	1:52:A:CYS:SG	1:56:A:CYS:SG	19	0.95
(19,19)	1:56:A:CYS:SG	1:127:A:CYS:CB	3	0.95
(19,11)	1:127:A:CYS:SG	1:56:A:CYS:CB	3	0.95
(19,7)	1:123:A:CYS:SG	1:56:A:CYS:CB	14	0.95
(18,2225)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	18	0.95
(18,2225)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	18	0.95
(18,2225)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	18	0.95
(18,2225)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	18	0.95
(18,2225)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	18	0.95
(18,2225)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	18	0.95
(18,2225)	1:60:A:LEU:HD11	1:122:A:ASP:HB3	18	0.95
(18,2225)	1:60:A:LEU:HD12	1:122:A:ASP:HB3	18	0.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2225)	1:60:A:LEU:HD13	1:122:A:ASP:HB3	18	0.95
(18,2225)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	18	0.95
(18,2225)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	18	0.95
(18,2225)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	18	0.95
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD11	3	0.95
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD12	3	0.95
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD13	3	0.95
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD21	3	0.95
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD22	3	0.95
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD23	3	0.95
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD11	7	0.95
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD12	7	0.95
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD13	7	0.95
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD21	7	0.95
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD22	7	0.95
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD23	7	0.95
(18,1869)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	16	0.95
(18,1869)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	16	0.95
(18,1869)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	16	0.95
(18,1869)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	16	0.95
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	12	0.95
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	12	0.95
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	12	0.95
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	12	0.95
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	12	0.95
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	12	0.95
(18,1583)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	16	0.95
(18,1583)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	16	0.95
(18,1583)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	16	0.95
(18,1583)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	16	0.95
(18,1583)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	16	0.95
(18,1583)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	16	0.95
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	15	0.95
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	15	0.95
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	15	0.95
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	15	0.95
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	15	0.95
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	15	0.95
(18,1002)	1:63:A:ILE:HA	1:64:A:LYS:HD2	17	0.95
(18,1002)	1:63:A:ILE:HA	1:64:A:LYS:HD3	17	0.95
(18,602)	1:75:A:GLY:H	1:77:A:CYS:HB3	6	0.95
(18,516)	1:101:A:ILE:HD11	1:105:A:LYS:H	4	0.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,516)	1:101:A:ILE:HD12	1:105:A:LYS:H	4	0.95
(18,516)	1:101:A:ILE:HD13	1:105:A:LYS:H	4	0.95
(18,267)	1:27:A:ARG:HB3	1:29:A:LYS:H	1	0.95
(17,2161)	1:43:A:MET:HA	1:134:A:VAL:HG11	7	0.95
(17,2161)	1:43:A:MET:HA	1:134:A:VAL:HG12	7	0.95
(17,2161)	1:43:A:MET:HA	1:134:A:VAL:HG13	7	0.95
(17,2161)	1:43:A:MET:HA	1:134:A:VAL:HG21	7	0.95
(17,2161)	1:43:A:MET:HA	1:134:A:VAL:HG22	7	0.95
(17,2161)	1:43:A:MET:HA	1:134:A:VAL:HG23	7	0.95
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	3	0.95
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	3	0.95
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	3	0.95
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	3	0.95
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	3	0.95
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	3	0.95
(17,1935)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	13	0.95
(17,1935)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	13	0.95
(17,1935)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	13	0.95
(17,982)	1:47:A:ALA:HB1	1:134:A:VAL:HB	3	0.95
(17,982)	1:47:A:ALA:HB2	1:134:A:VAL:HB	3	0.95
(17,982)	1:47:A:ALA:HB3	1:134:A:VAL:HB	3	0.95
(17,436)	1:68:A:LYS:H	1:70:A:LYS:HG2	11	0.95
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	12	0.95
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	12	0.95
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	12	0.95
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	12	0.95
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	12	0.95
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	12	0.95
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	12	0.95
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	12	0.95
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	12	0.95
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	12	0.95
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	12	0.95
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	12	0.95
(16,2330)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	10	0.95
(16,2330)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	10	0.95
(16,2330)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	10	0.95
(16,2330)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	10	0.95
(16,2330)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	10	0.95
(16,2330)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	10	0.95
(16,2330)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	10	0.95
(16,2330)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	10	0.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2330)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	10	0.95
(16,2330)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	10	0.95
(16,2330)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	10	0.95
(16,2330)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	10	0.95
(16,1808)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	1	0.95
(16,1808)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	1	0.95
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG11	19	0.95
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG12	19	0.95
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG13	19	0.95
(16,1634)	1:134:A:VAL:HG21	1:137:A:SER:H	9	0.95
(16,1634)	1:134:A:VAL:HG22	1:137:A:SER:H	9	0.95
(16,1634)	1:134:A:VAL:HG23	1:137:A:SER:H	9	0.95
(16,1585)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	16	0.95
(16,1585)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	16	0.95
(16,1585)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	16	0.95
(16,1585)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	16	0.95
(16,1585)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	16	0.95
(16,1585)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	16	0.95
(16,1530)	1:69:A:MET:HE1	1:76:A:ARG:HB3	19	0.95
(16,1530)	1:69:A:MET:HE2	1:76:A:ARG:HB3	19	0.95
(16,1530)	1:69:A:MET:HE3	1:76:A:ARG:HB3	19	0.95
(16,1332)	1:106:A:ASP:HA	1:112:A:GLN:HE21	9	0.95
(16,1180)	1:39:A:VAL:HA	1:140:A:LEU:HD21	10	0.95
(16,1180)	1:39:A:VAL:HA	1:140:A:LEU:HD22	10	0.95
(16,1180)	1:39:A:VAL:HA	1:140:A:LEU:HD23	10	0.95
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	3	0.95
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	3	0.95
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	3	0.95
(16,870)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	1	0.95
(16,735)	1:73:A:ILE:HG21	1:76:A:ARG:HE	10	0.95
(16,735)	1:73:A:ILE:HG22	1:76:A:ARG:HE	10	0.95
(16,735)	1:73:A:ILE:HG23	1:76:A:ARG:HE	10	0.95
(16,706)	1:10:A:ASN:HD22	1:14:A:VAL:HB	7	0.95
(16,626)	1:35:A:LEU:H	1:80:A:TYR:HB2	9	0.95
(16,520)	1:70:A:LYS:HG3	1:71:A:LYS:H	14	0.95
(16,520)	1:70:A:LYS:HG3	1:71:A:LYS:H	15	0.95
(16,445)	1:68:A:LYS:H	1:70:A:LYS:HG2	11	0.95
(16,410)	1:119:A:LEU:H	1:119:A:LEU:HG	1	0.95
(16,221)	1:108:A:GLU:H	1:111:A:GLU:HG3	10	0.95
(16,54)	1:47:A:ALA:H	1:134:A:VAL:HG11	1	0.95
(16,54)	1:47:A:ALA:H	1:134:A:VAL:HG12	1	0.95
(16,54)	1:47:A:ALA:H	1:134:A:VAL:HG13	1	0.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2124)	1:44:A:GLU:H	1:44:A:GLU:HG2	9	0.95
(15,2124)	1:44:A:GLU:H	1:44:A:GLU:HG3	9	0.95
(15,2018)	1:27:A:ARG:HB3	1:30:A:LEU:HD11	10	0.95
(15,2018)	1:27:A:ARG:HB3	1:30:A:LEU:HD12	10	0.95
(15,2018)	1:27:A:ARG:HB3	1:30:A:LEU:HD13	10	0.95
(15,2018)	1:27:A:ARG:HB3	1:30:A:LEU:HD21	10	0.95
(15,2018)	1:27:A:ARG:HB3	1:30:A:LEU:HD22	10	0.95
(15,2018)	1:27:A:ARG:HB3	1:30:A:LEU:HD23	10	0.95
(15,1859)	1:14:A:VAL:HA	1:18:A:PHE:HD1	12	0.95
(15,1859)	1:14:A:VAL:HA	1:18:A:PHE:HD2	12	0.95
(15,1062)	1:43:A:MET:HB2	1:140:A:LEU:HG	5	0.95
(15,862)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	1	0.95
(15,409)	1:119:A:LEU:H	1:119:A:LEU:HG	1	0.95
(15,32)	1:96:A:VAL:H	1:97:A:ASP:H	18	0.95
(15,14)	1:64:A:LYS:H	1:116:A:GLN:HG2	10	0.95
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD11	12	0.95
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD12	12	0.95
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD13	12	0.95
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD21	12	0.95
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD22	12	0.95
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD23	12	0.95
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG11	18	0.95
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG12	18	0.95
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG13	18	0.95
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG21	18	0.95
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG22	18	0.95
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG23	18	0.95
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG11	4	0.95
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG12	4	0.95
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG13	4	0.95
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG21	4	0.95
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG22	4	0.95
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG23	4	0.95
(13,2099)	1:44:A:GLU:H	1:44:A:GLU:HG2	9	0.95
(13,2099)	1:44:A:GLU:H	1:44:A:GLU:HG3	9	0.95
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD11	3	0.95
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD12	3	0.95
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD13	3	0.95
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD21	3	0.95
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD22	3	0.95
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD23	3	0.95
(13,1249)	1:44:A:GLU:HG2	1:45:A:ALA:HA	10	0.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,973)	1:63:A:ILE:HA	1:64:A:LYS:HD2	17	0.95
(13,973)	1:63:A:ILE:HA	1:64:A:LYS:HD3	17	0.95
(13,779)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	10	0.95
(13,779)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	10	0.95
(13,779)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	10	0.95
(13,779)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	10	0.95
(13,779)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	10	0.95
(13,779)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	10	0.95
(13,684)	1:10:A:ASN:HD22	1:14:A:VAL:HB	7	0.95
(13,402)	1:119:A:LEU:H	1:119:A:LEU:HG	1	0.95
(11,2148)	1:40:A:LEU:HD11	1:45:A:ALA:H	11	0.95
(11,2148)	1:40:A:LEU:HD12	1:45:A:ALA:H	11	0.95
(11,2148)	1:40:A:LEU:HD13	1:45:A:ALA:H	11	0.95
(11,2148)	1:40:A:LEU:HD21	1:45:A:ALA:H	11	0.95
(11,2148)	1:40:A:LEU:HD22	1:45:A:ALA:H	11	0.95
(11,2148)	1:40:A:LEU:HD23	1:45:A:ALA:H	11	0.95
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD11	15	0.95
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD12	15	0.95
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD13	15	0.95
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD21	15	0.95
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD22	15	0.95
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD23	15	0.95
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD11	15	0.95
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD12	15	0.95
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD13	15	0.95
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD21	15	0.95
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD22	15	0.95
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD23	15	0.95
(11,1939)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	13	0.95
(11,1939)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	13	0.95
(11,1939)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	13	0.95
(11,1822)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	15	0.95
(11,1822)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	15	0.95
(11,1822)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	15	0.95
(11,1822)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	15	0.95
(11,1822)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	15	0.95
(11,1822)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	15	0.95
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG11	16	0.95
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG12	16	0.95
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG13	16	0.95
(11,1347)	1:106:A:ASP:HA	1:112:A:GLN:HE21	9	0.95
(11,1068)	1:43:A:MET:HB2	1:140:A:LEU:HG	5	0.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,940)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	5	0.95
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	13	0.95
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	13	0.95
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	13	0.95
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	13	0.95
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	13	0.95
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	13	0.95
(11,794)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	10	0.95
(11,794)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	10	0.95
(11,794)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	10	0.95
(11,794)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	10	0.95
(11,794)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	10	0.95
(11,794)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	10	0.95
(11,725)	1:73:A:ILE:HG21	1:76:A:ARG:HE	10	0.95
(11,725)	1:73:A:ILE:HG22	1:76:A:ARG:HE	10	0.95
(11,725)	1:73:A:ILE:HG23	1:76:A:ARG:HE	10	0.95
(11,622)	1:35:A:LEU:H	1:80:A:TYR:HB2	9	0.95
(9,1451)	1:13:A:ALA:HB1	1:78:A:HIS:HA	15	0.95
(9,1451)	1:13:A:ALA:HB2	1:78:A:HIS:HA	15	0.95
(9,1451)	1:13:A:ALA:HB3	1:78:A:HIS:HA	15	0.95
(9,1326)	1:106:A:ASP:HA	1:112:A:GLN:HE21	9	0.95
(9,1247)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	13	0.95
(9,1247)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	13	0.95
(9,1247)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	13	0.95
(9,1247)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	13	0.95
(9,1247)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	13	0.95
(9,1247)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	13	0.95
(9,1176)	1:39:A:VAL:HA	1:140:A:LEU:HD21	10	0.95
(9,1176)	1:39:A:VAL:HA	1:140:A:LEU:HD22	10	0.95
(9,1176)	1:39:A:VAL:HA	1:140:A:LEU:HD23	10	0.95
(9,990)	1:63:A:ILE:HA	1:64:A:LYS:HD2	17	0.95
(9,990)	1:63:A:ILE:HA	1:64:A:LYS:HD3	17	0.95
(9,937)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	1	0.95
(9,730)	1:46:A:ASN:HD21	1:134:A:VAL:HA	7	0.95
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB2	16	0.95
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB3	16	0.95
(7,1883)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	13	0.95
(7,1883)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	13	0.95
(7,1883)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	13	0.95
(7,1570)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	16	0.95
(7,1570)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	16	0.95
(7,1570)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	16	0.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1570)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	16	0.95
(7,1570)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	16	0.95
(7,1570)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	16	0.95
(7,1209)	1:79:A:THR:HG21	1:81:A:GLU:HA	10	0.95
(7,1209)	1:79:A:THR:HG22	1:81:A:GLU:HA	10	0.95
(7,1209)	1:79:A:THR:HG23	1:81:A:GLU:HA	10	0.95
(7,1153)	1:39:A:VAL:HA	1:140:A:LEU:HD21	10	0.95
(7,1153)	1:39:A:VAL:HA	1:140:A:LEU:HD22	10	0.95
(7,1153)	1:39:A:VAL:HA	1:140:A:LEU:HD23	10	0.95
(7,1037)	1:95:A:ILE:HA	1:96:A:VAL:HB	17	0.95
(7,960)	1:15:A:ALA:HB1	1:134:A:VAL:HB	3	0.95
(7,960)	1:15:A:ALA:HB2	1:134:A:VAL:HB	3	0.95
(7,960)	1:15:A:ALA:HB3	1:134:A:VAL:HB	3	0.95
(7,694)	1:10:A:ASN:HD22	1:14:A:VAL:HB	7	0.95
(7,484)	1:145:A:PRO:HB3	1:148:A:CYS:H	5	0.95
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG2	7	0.95
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG3	7	0.95
(6,2006)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	9	0.95
(6,2006)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	9	0.95
(6,2006)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	9	0.95
(6,2006)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	9	0.95
(6,2006)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	9	0.95
(6,2006)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	9	0.95
(6,2006)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	9	0.95
(6,2006)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	9	0.95
(6,2006)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	9	0.95
(6,2006)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	9	0.95
(6,2006)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	9	0.95
(6,2006)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	9	0.95
(6,2006)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	9	0.95
(6,2006)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	9	0.95
(6,2006)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	9	0.95
(6,2006)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	9	0.95
(6,2006)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	9	0.95
(6,2006)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	9	0.95
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	12	0.95
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	12	0.95
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	12	0.95
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG21	12	0.95
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG22	12	0.95
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG23	12	0.95
(6,1929)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	13	0.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1929)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	13	0.95
(6,1929)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	13	0.95
(6,1696)	1:43:A:MET:HE1	1:135:A:GLN:H	16	0.95
(6,1696)	1:43:A:MET:HE2	1:135:A:GLN:H	16	0.95
(6,1696)	1:43:A:MET:HE3	1:135:A:GLN:H	16	0.95
(6,1656)	1:134:A:VAL:HG21	1:137:A:SER:H	9	0.95
(6,1656)	1:134:A:VAL:HG22	1:137:A:SER:H	9	0.95
(6,1656)	1:134:A:VAL:HG23	1:137:A:SER:H	9	0.95
(6,1597)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	16	0.95
(6,1597)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	16	0.95
(6,1597)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	16	0.95
(6,1597)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	16	0.95
(6,1597)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	16	0.95
(6,1597)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	16	0.95
(6,1043)	1:95:A:ILE:HA	1:96:A:VAL:HB	17	0.95
(6,976)	1:63:A:ILE:HA	1:64:A:LYS:HD2	17	0.95
(6,976)	1:63:A:ILE:HA	1:64:A:LYS:HD3	17	0.95
(6,963)	1:15:A:ALA:HB1	1:134:A:VAL:HB	3	0.95
(6,963)	1:15:A:ALA:HB2	1:134:A:VAL:HB	3	0.95
(6,963)	1:15:A:ALA:HB3	1:134:A:VAL:HB	3	0.95
(6,795)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	12	0.95
(6,795)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	12	0.95
(6,795)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	12	0.95
(6,259)	1:27:A:ARG:HB3	1:29:A:LYS:H	1	0.95
(6,60)	1:34:A:LYS:H	1:81:A:GLU:H	11	0.95
(5,2195)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	6	0.95
(5,2195)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	6	0.95
(5,1962)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	15	0.95
(5,1962)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	15	0.95
(5,1962)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	15	0.95
(5,1962)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	15	0.95
(5,1962)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	15	0.95
(5,1962)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	15	0.95
(5,1884)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	1	0.95
(5,1727)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	11	0.95
(5,1727)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	11	0.95
(5,1727)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	11	0.95
(5,1660)	1:134:A:VAL:HG21	1:137:A:SER:H	9	0.95
(5,1660)	1:134:A:VAL:HG22	1:137:A:SER:H	9	0.95
(5,1660)	1:134:A:VAL:HG23	1:137:A:SER:H	9	0.95
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	19	0.95
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	19	0.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	19	0.95
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	19	0.95
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	19	0.95
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	19	0.95
(5,1137)	1:40:A:LEU:HA	1:44:A:GLU:HG3	16	0.95
(5,1067)	1:95:A:ILE:HA	1:96:A:VAL:HB	17	0.95
(5,992)	1:63:A:ILE:HA	1:64:A:LYS:HD2	17	0.95
(5,992)	1:63:A:ILE:HA	1:64:A:LYS:HD3	17	0.95
(5,977)	1:47:A:ALA:HB1	1:134:A:VAL:HB	15	0.95
(5,977)	1:47:A:ALA:HB2	1:134:A:VAL:HB	15	0.95
(5,977)	1:47:A:ALA:HB3	1:134:A:VAL:HB	15	0.95
(5,936)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	5	0.95
(5,936)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	5	0.95
(5,913)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	3	0.95
(5,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	7	0.95
(5,630)	1:9:A:PHE:HE1	1:15:A:ALA:H	9	0.95
(5,630)	1:9:A:PHE:HE2	1:15:A:ALA:H	9	0.95
(5,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	9	0.95
(5,185)	1:44:A:GLU:H	1:44:A:GLU:HG3	11	0.95
(4,1882)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	3	0.95
(4,1882)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	3	0.95
(4,1794)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	5	0.95
(4,1794)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	5	0.95
(4,1675)	1:43:A:MET:HE1	1:135:A:GLN:H	16	0.95
(4,1675)	1:43:A:MET:HE2	1:135:A:GLN:H	16	0.95
(4,1675)	1:43:A:MET:HE3	1:135:A:GLN:H	16	0.95
(4,1578)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	16	0.95
(4,1578)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	16	0.95
(4,1578)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	16	0.95
(4,1578)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	16	0.95
(4,1578)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	16	0.95
(4,1578)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	16	0.95
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE1	12	0.95
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE2	12	0.95
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE3	12	0.95
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE1	12	0.95
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE2	12	0.95
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE3	12	0.95
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE1	12	0.95
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE2	12	0.95
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE3	12	0.95
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG11	16	0.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG12	16	0.95
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG13	16	0.95
(4,965)	1:15:A:ALA:HB1	1:134:A:VAL:HB	3	0.95
(4,965)	1:15:A:ALA:HB2	1:134:A:VAL:HB	3	0.95
(4,965)	1:15:A:ALA:HB3	1:134:A:VAL:HB	3	0.95
(4,860)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	1	0.95
(4,748)	1:32:A:GLY:HA2	1:34:A:LYS:H	6	0.95
(4,722)	1:46:A:ASN:HD21	1:134:A:VAL:HA	7	0.95
(3,2500)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	1	0.95
(3,2500)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	1	0.95
(3,2500)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	1	0.95
(3,2500)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	1	0.95
(3,2500)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	1	0.95
(3,2500)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	1	0.95
(3,2252)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	1	0.95
(3,2252)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	1	0.95
(3,2252)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	1	0.95
(3,2252)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	1	0.95
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG21	18	0.95
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG22	18	0.95
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG23	18	0.95
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG21	18	0.95
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG22	18	0.95
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG23	18	0.95
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD1	16	0.95
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD2	16	0.95
(3,1629)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	16	0.95
(3,1629)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	16	0.95
(3,1629)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	16	0.95
(3,1629)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	16	0.95
(3,1629)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	16	0.95
(3,1629)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	16	0.95
(3,1355)	1:106:A:ASP:HA	1:112:A:GLN:HE21	9	0.95
(3,1271)	1:40:A:LEU:HA	1:40:A:LEU:HD21	18	0.95
(3,1271)	1:40:A:LEU:HA	1:40:A:LEU:HD22	18	0.95
(3,1271)	1:40:A:LEU:HA	1:40:A:LEU:HD23	18	0.95
(3,1008)	1:63:A:ILE:HA	1:64:A:LYS:HD2	17	0.95
(3,1008)	1:63:A:ILE:HA	1:64:A:LYS:HD3	17	0.95
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	13	0.95
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	13	0.95
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	13	0.95
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	13	0.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	13	0.95
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	13	0.95
(3,878)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	1	0.95
(2,2464)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	1	0.95
(2,2464)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	1	0.95
(2,2464)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	1	0.95
(2,2464)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	1	0.95
(2,2464)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	1	0.95
(2,2464)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	1	0.95
(2,2355)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	10	0.95
(2,2355)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	10	0.95
(2,2355)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	10	0.95
(2,2355)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	10	0.95
(2,2355)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	10	0.95
(2,2355)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	10	0.95
(2,2355)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	10	0.95
(2,2355)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	10	0.95
(2,2355)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	10	0.95
(2,2355)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	10	0.95
(2,2355)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	10	0.95
(2,2355)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	10	0.95
(2,2147)	1:40:A:LEU:HD11	1:45:A:ALA:H	11	0.95
(2,2147)	1:40:A:LEU:HD12	1:45:A:ALA:H	11	0.95
(2,2147)	1:40:A:LEU:HD13	1:45:A:ALA:H	11	0.95
(2,2147)	1:40:A:LEU:HD21	1:45:A:ALA:H	11	0.95
(2,2147)	1:40:A:LEU:HD22	1:45:A:ALA:H	11	0.95
(2,2147)	1:40:A:LEU:HD23	1:45:A:ALA:H	11	0.95
(2,1274)	1:44:A:GLU:HG2	1:45:A:ALA:HA	10	0.95
(2,1051)	1:43:A:MET:HB2	1:140:A:LEU:HG	5	0.95
(2,959)	1:11:A:ILE:HG12	1:14:A:VAL:HB	4	0.95
(2,790)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	10	0.95
(2,790)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	10	0.95
(2,790)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	10	0.95
(2,790)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	10	0.95
(2,790)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	10	0.95
(2,790)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	10	0.95
(2,117)	1:10:A:ASN:HD22	1:80:A:TYR:H	16	0.95
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	3	0.95
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	3	0.95
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	3	0.95
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	3	0.95
(1,1068)	1:43:A:MET:HB2	1:140:A:LEU:HG	5	0.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1014)	1:63:A:ILE:HA	1:64:A:LYS:HD2	17	0.95
(1,1014)	1:63:A:ILE:HA	1:64:A:LYS:HD3	17	0.95
(1,1007)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	19	0.95
(1,1007)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	19	0.95
(1,937)	1:44:A:GLU:HG2	1:45:A:ALA:HA	10	0.95
(1,808)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	10	0.95
(1,808)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	10	0.95
(1,808)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	10	0.95
(1,808)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	10	0.95
(1,808)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	10	0.95
(1,808)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	10	0.95
(1,745)	1:46:A:ASN:HD21	1:134:A:VAL:HA	7	0.95
(1,707)	1:10:A:ASN:HD22	1:14:A:VAL:HB	7	0.95
(1,326)	1:44:A:GLU:HG3	1:46:A:ASN:H	10	0.95
(1,176)	1:95:A:ILE:H	1:95:A:ILE:HB	15	0.95
(1,35)	1:95:A:ILE:HA	1:96:A:VAL:H	17	0.95
(34,2208)	1:60:A:LEU:HD11	1:61:A:SER:HB2	8	0.94
(34,2208)	1:60:A:LEU:HD11	1:61:A:SER:HB3	8	0.94
(34,2208)	1:60:A:LEU:HD12	1:61:A:SER:HB2	8	0.94
(34,2208)	1:60:A:LEU:HD12	1:61:A:SER:HB3	8	0.94
(34,2208)	1:60:A:LEU:HD13	1:61:A:SER:HB2	8	0.94
(34,2208)	1:60:A:LEU:HD13	1:61:A:SER:HB3	8	0.94
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	16	0.94
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	16	0.94
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	16	0.94
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	16	0.94
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	16	0.94
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	16	0.94
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	16	0.94
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	16	0.94
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	16	0.94
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	16	0.94
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	16	0.94
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	16	0.94
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	16	0.94
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	16	0.94
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	16	0.94
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	16	0.94
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	16	0.94
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	16	0.94
(34,1875)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	13	0.94
(34,1875)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	13	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1796)	1:13:A:ALA:H	1:80:A:TYR:HD1	1	0.94
(34,1796)	1:13:A:ALA:H	1:80:A:TYR:HD2	1	0.94
(34,1796)	1:13:A:ALA:H	1:80:A:TYR:HD1	4	0.94
(34,1796)	1:13:A:ALA:H	1:80:A:TYR:HD2	4	0.94
(34,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD21	17	0.94
(34,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD22	17	0.94
(34,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD23	17	0.94
(34,1347)	1:106:A:ASP:HA	1:112:A:GLN:HE21	11	0.94
(34,1263)	1:43:A:MET:HG2	1:140:A:LEU:HD11	19	0.94
(34,1263)	1:43:A:MET:HG2	1:140:A:LEU:HD12	19	0.94
(34,1263)	1:43:A:MET:HG2	1:140:A:LEU:HD13	19	0.94
(34,572)	1:10:A:ASN:HD21	1:11:A:ILE:HB	13	0.94
(33,1968)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	11	0.94
(33,1968)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	11	0.94
(33,1968)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	11	0.94
(33,1968)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	11	0.94
(33,1968)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	11	0.94
(33,1968)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	11	0.94
(33,1576)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	10	0.94
(33,1576)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	10	0.94
(33,1576)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	10	0.94
(33,1576)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	10	0.94
(33,1576)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	10	0.94
(33,1576)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	10	0.94
(33,1509)	1:69:A:MET:HE1	1:115:A:ALA:H	11	0.94
(33,1509)	1:69:A:MET:HE2	1:115:A:ALA:H	11	0.94
(33,1509)	1:69:A:MET:HE3	1:115:A:ALA:H	11	0.94
(33,1470)	1:95:A:ILE:HG21	1:97:A:ASP:H	2	0.94
(33,1470)	1:95:A:ILE:HG22	1:97:A:ASP:H	2	0.94
(33,1470)	1:95:A:ILE:HG23	1:97:A:ASP:H	2	0.94
(33,572)	1:11:A:ILE:HD11	1:16:A:SER:H	8	0.94
(33,572)	1:11:A:ILE:HD12	1:16:A:SER:H	8	0.94
(33,572)	1:11:A:ILE:HD13	1:16:A:SER:H	8	0.94
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG2	14	0.94
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	14	0.94
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG2	14	0.94
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	14	0.94
(32,2136)	1:43:A:MET:HE1	1:131:A:LEU:HD11	4	0.94
(32,2136)	1:43:A:MET:HE1	1:131:A:LEU:HD12	4	0.94
(32,2136)	1:43:A:MET:HE1	1:131:A:LEU:HD13	4	0.94
(32,2136)	1:43:A:MET:HE1	1:131:A:LEU:HD21	4	0.94
(32,2136)	1:43:A:MET:HE1	1:131:A:LEU:HD22	4	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2136)	1:43:A:MET:HE1	1:131:A:LEU:HD23	4	0.94
(32,2136)	1:43:A:MET:HE2	1:131:A:LEU:HD11	4	0.94
(32,2136)	1:43:A:MET:HE2	1:131:A:LEU:HD12	4	0.94
(32,2136)	1:43:A:MET:HE2	1:131:A:LEU:HD13	4	0.94
(32,2136)	1:43:A:MET:HE2	1:131:A:LEU:HD21	4	0.94
(32,2136)	1:43:A:MET:HE2	1:131:A:LEU:HD22	4	0.94
(32,2136)	1:43:A:MET:HE2	1:131:A:LEU:HD23	4	0.94
(32,2136)	1:43:A:MET:HE3	1:131:A:LEU:HD11	4	0.94
(32,2136)	1:43:A:MET:HE3	1:131:A:LEU:HD12	4	0.94
(32,2136)	1:43:A:MET:HE3	1:131:A:LEU:HD13	4	0.94
(32,2136)	1:43:A:MET:HE3	1:131:A:LEU:HD21	4	0.94
(32,2136)	1:43:A:MET:HE3	1:131:A:LEU:HD22	4	0.94
(32,2136)	1:43:A:MET:HE3	1:131:A:LEU:HD23	4	0.94
(32,1911)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	17	0.94
(32,1911)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	17	0.94
(32,1911)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	17	0.94
(32,1911)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	17	0.94
(32,1869)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	19	0.94
(32,1869)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	19	0.94
(32,1869)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	19	0.94
(32,1869)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	19	0.94
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD21	4	0.94
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD22	4	0.94
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD23	4	0.94
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	13	0.94
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	13	0.94
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	13	0.94
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	13	0.94
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	13	0.94
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	13	0.94
(30,1651)	1:131:A:LEU:H	1:134:A:VAL:HG11	8	0.94
(30,1651)	1:131:A:LEU:H	1:134:A:VAL:HG12	8	0.94
(30,1651)	1:131:A:LEU:H	1:134:A:VAL:HG13	8	0.94
(30,1651)	1:131:A:LEU:H	1:134:A:VAL:HG11	12	0.94
(30,1651)	1:131:A:LEU:H	1:134:A:VAL:HG12	12	0.94
(30,1651)	1:131:A:LEU:H	1:134:A:VAL:HG13	12	0.94
(30,1590)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	10	0.94
(30,1590)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	10	0.94
(30,1590)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	10	0.94
(30,1590)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	10	0.94
(30,1590)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	10	0.94
(30,1590)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	10	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1461)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	14	0.94
(30,1461)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	14	0.94
(30,1461)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	14	0.94
(30,1461)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	14	0.94
(30,1461)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	14	0.94
(30,1461)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	14	0.94
(30,1461)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	14	0.94
(30,1461)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	14	0.94
(30,1461)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	14	0.94
(29,2157)	1:43:A:MET:HE1	1:131:A:LEU:HD11	4	0.94
(29,2157)	1:43:A:MET:HE1	1:131:A:LEU:HD12	4	0.94
(29,2157)	1:43:A:MET:HE1	1:131:A:LEU:HD13	4	0.94
(29,2157)	1:43:A:MET:HE1	1:131:A:LEU:HD21	4	0.94
(29,2157)	1:43:A:MET:HE1	1:131:A:LEU:HD22	4	0.94
(29,2157)	1:43:A:MET:HE1	1:131:A:LEU:HD23	4	0.94
(29,2157)	1:43:A:MET:HE2	1:131:A:LEU:HD11	4	0.94
(29,2157)	1:43:A:MET:HE2	1:131:A:LEU:HD12	4	0.94
(29,2157)	1:43:A:MET:HE2	1:131:A:LEU:HD13	4	0.94
(29,2157)	1:43:A:MET:HE2	1:131:A:LEU:HD21	4	0.94
(29,2157)	1:43:A:MET:HE2	1:131:A:LEU:HD22	4	0.94
(29,2157)	1:43:A:MET:HE2	1:131:A:LEU:HD23	4	0.94
(29,2157)	1:43:A:MET:HE3	1:131:A:LEU:HD11	4	0.94
(29,2157)	1:43:A:MET:HE3	1:131:A:LEU:HD12	4	0.94
(29,2157)	1:43:A:MET:HE3	1:131:A:LEU:HD13	4	0.94
(29,2157)	1:43:A:MET:HE3	1:131:A:LEU:HD21	4	0.94
(29,2157)	1:43:A:MET:HE3	1:131:A:LEU:HD22	4	0.94
(29,2157)	1:43:A:MET:HE3	1:131:A:LEU:HD23	4	0.94
(29,1884)	1:9:A:PHE:HE1	1:58:A:ILE:HG12	2	0.94
(29,1884)	1:9:A:PHE:HE2	1:58:A:ILE:HG12	2	0.94
(29,1804)	1:13:A:ALA:H	1:80:A:TYR:HD1	1	0.94
(29,1804)	1:13:A:ALA:H	1:80:A:TYR:HD2	1	0.94
(29,1804)	1:13:A:ALA:H	1:80:A:TYR:HD1	4	0.94
(29,1804)	1:13:A:ALA:H	1:80:A:TYR:HD2	4	0.94
(29,1641)	1:13:A:ALA:HA	1:80:A:TYR:HB3	19	0.94
(29,296)	1:43:A:MET:H	1:43:A:MET:HG3	6	0.94
(29,279)	1:113:A:PHE:H	1:116:A:GLN:HG3	1	0.94
(22,23)	1:113:A:PHE:H	1:109:A:PRO:C	6	0.94
(22,23)	1:113:A:PHE:H	1:109:A:PRO:C	16	0.94
(18,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD11	4	0.94
(18,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD12	4	0.94
(18,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD13	4	0.94
(18,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD21	4	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD22	4	0.94
(18,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD23	4	0.94
(18,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD11	4	0.94
(18,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD12	4	0.94
(18,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD13	4	0.94
(18,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD21	4	0.94
(18,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD22	4	0.94
(18,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD23	4	0.94
(18,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD11	4	0.94
(18,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD12	4	0.94
(18,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD13	4	0.94
(18,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD21	4	0.94
(18,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD22	4	0.94
(18,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD23	4	0.94
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	16	0.94
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	16	0.94
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	16	0.94
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	16	0.94
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	16	0.94
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	16	0.94
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	16	0.94
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	16	0.94
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	16	0.94
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	16	0.94
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	16	0.94
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	16	0.94
(18,1898)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	1	0.94
(18,1898)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	1	0.94
(18,1696)	1:67:A:PRO:HD2	1:95:A:ILE:HA	17	0.94
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	9	0.94
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	9	0.94
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	9	0.94
(18,1606)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	11	0.94
(18,1606)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	11	0.94
(18,1606)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	11	0.94
(18,1606)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	11	0.94
(18,1606)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	11	0.94
(18,1606)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	11	0.94
(18,1224)	1:11:A:ILE:HD11	1:131:A:LEU:HA	13	0.94
(18,1224)	1:11:A:ILE:HD12	1:131:A:LEU:HA	13	0.94
(18,1224)	1:11:A:ILE:HD13	1:131:A:LEU:HA	13	0.94
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	5	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	5	0.94
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	5	0.94
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	5	0.94
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	5	0.94
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	5	0.94
(18,1036)	1:113:A:PHE:HA	1:116:A:GLN:HG3	12	0.94
(18,982)	1:68:A:LYS:HG2	1:109:A:PRO:HB2	18	0.94
(18,982)	1:68:A:LYS:HG2	1:109:A:PRO:HB3	18	0.94
(18,982)	1:68:A:LYS:HG3	1:109:A:PRO:HB2	18	0.94
(18,982)	1:68:A:LYS:HG3	1:109:A:PRO:HB3	18	0.94
(18,671)	1:101:A:ILE:HB	1:103:A:ARG:H	8	0.94
(18,124)	1:78:A:HIS:HA	1:80:A:TYR:H	18	0.94
(18,107)	1:69:A:MET:H	1:69:A:MET:HE1	2	0.94
(18,107)	1:69:A:MET:H	1:69:A:MET:HE2	2	0.94
(18,107)	1:69:A:MET:H	1:69:A:MET:HE3	2	0.94
(17,1915)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	4	0.94
(17,1915)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	4	0.94
(17,1915)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	4	0.94
(17,1915)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	4	0.94
(17,1796)	1:13:A:ALA:H	1:80:A:TYR:HD1	1	0.94
(17,1796)	1:13:A:ALA:H	1:80:A:TYR:HD2	1	0.94
(17,1796)	1:13:A:ALA:H	1:80:A:TYR:HD1	4	0.94
(17,1796)	1:13:A:ALA:H	1:80:A:TYR:HD2	4	0.94
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	9	0.94
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	9	0.94
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	9	0.94
(17,1604)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	10	0.94
(17,1604)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	10	0.94
(17,1604)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	10	0.94
(17,1604)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	10	0.94
(17,1604)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	10	0.94
(17,1604)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	10	0.94
(17,1050)	1:11:A:ILE:HA	1:14:A:VAL:HB	4	0.94
(17,276)	1:113:A:PHE:H	1:116:A:GLN:HG3	1	0.94
(16,2432)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	19	0.94
(16,2432)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	19	0.94
(16,2432)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	19	0.94
(16,2432)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	19	0.94
(16,2432)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	19	0.94
(16,2432)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	19	0.94
(16,2339)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	8	0.94
(16,2339)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	8	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2152)	1:43:A:MET:HE1	1:131:A:LEU:HD11	4	0.94
(16,2152)	1:43:A:MET:HE1	1:131:A:LEU:HD12	4	0.94
(16,2152)	1:43:A:MET:HE1	1:131:A:LEU:HD13	4	0.94
(16,2152)	1:43:A:MET:HE1	1:131:A:LEU:HD21	4	0.94
(16,2152)	1:43:A:MET:HE1	1:131:A:LEU:HD22	4	0.94
(16,2152)	1:43:A:MET:HE1	1:131:A:LEU:HD23	4	0.94
(16,2152)	1:43:A:MET:HE2	1:131:A:LEU:HD11	4	0.94
(16,2152)	1:43:A:MET:HE2	1:131:A:LEU:HD12	4	0.94
(16,2152)	1:43:A:MET:HE2	1:131:A:LEU:HD13	4	0.94
(16,2152)	1:43:A:MET:HE2	1:131:A:LEU:HD21	4	0.94
(16,2152)	1:43:A:MET:HE2	1:131:A:LEU:HD22	4	0.94
(16,2152)	1:43:A:MET:HE2	1:131:A:LEU:HD23	4	0.94
(16,2152)	1:43:A:MET:HE3	1:131:A:LEU:HD11	4	0.94
(16,2152)	1:43:A:MET:HE3	1:131:A:LEU:HD12	4	0.94
(16,2152)	1:43:A:MET:HE3	1:131:A:LEU:HD13	4	0.94
(16,2152)	1:43:A:MET:HE3	1:131:A:LEU:HD21	4	0.94
(16,2152)	1:43:A:MET:HE3	1:131:A:LEU:HD22	4	0.94
(16,2152)	1:43:A:MET:HE3	1:131:A:LEU:HD23	4	0.94
(16,2038)	1:23:A:LEU:HD11	1:27:A:ARG:HB2	1	0.94
(16,2038)	1:23:A:LEU:HD11	1:27:A:ARG:HB3	1	0.94
(16,2038)	1:23:A:LEU:HD12	1:27:A:ARG:HB2	1	0.94
(16,2038)	1:23:A:LEU:HD12	1:27:A:ARG:HB3	1	0.94
(16,2038)	1:23:A:LEU:HD13	1:27:A:ARG:HB2	1	0.94
(16,2038)	1:23:A:LEU:HD13	1:27:A:ARG:HB3	1	0.94
(16,2038)	1:23:A:LEU:HD21	1:27:A:ARG:HB2	1	0.94
(16,2038)	1:23:A:LEU:HD21	1:27:A:ARG:HB3	1	0.94
(16,2038)	1:23:A:LEU:HD22	1:27:A:ARG:HB2	1	0.94
(16,2038)	1:23:A:LEU:HD22	1:27:A:ARG:HB3	1	0.94
(16,2038)	1:23:A:LEU:HD23	1:27:A:ARG:HB2	1	0.94
(16,2038)	1:23:A:LEU:HD23	1:27:A:ARG:HB3	1	0.94
(16,1963)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	11	0.94
(16,1963)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	11	0.94
(16,1963)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	11	0.94
(16,1963)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	11	0.94
(16,1963)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	11	0.94
(16,1963)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	11	0.94
(16,1882)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	15	0.94
(16,1882)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	15	0.94
(16,1882)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	15	0.94
(16,1882)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	15	0.94
(16,1882)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	15	0.94
(16,1882)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	15	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD11	8	0.94
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD12	8	0.94
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD13	8	0.94
(16,1563)	1:58:A:ILE:HD11	1:61:A:SER:H	2	0.94
(16,1563)	1:58:A:ILE:HD12	1:61:A:SER:H	2	0.94
(16,1563)	1:58:A:ILE:HD13	1:61:A:SER:H	2	0.94
(16,1563)	1:58:A:ILE:HD11	1:61:A:SER:H	15	0.94
(16,1563)	1:58:A:ILE:HD12	1:61:A:SER:H	15	0.94
(16,1563)	1:58:A:ILE:HD13	1:61:A:SER:H	15	0.94
(16,1036)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	8	0.94
(16,1036)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	8	0.94
(16,978)	1:11:A:ILE:HG12	1:43:A:MET:HB2	13	0.94
(16,735)	1:73:A:ILE:HG21	1:76:A:ARG:HE	2	0.94
(16,735)	1:73:A:ILE:HG22	1:76:A:ARG:HE	2	0.94
(16,735)	1:73:A:ILE:HG23	1:76:A:ARG:HE	2	0.94
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD11	1	0.94
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD12	1	0.94
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD13	1	0.94
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	13	0.94
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	13	0.94
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	13	0.94
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	13	0.94
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	13	0.94
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	13	0.94
(15,1874)	1:18:A:PHE:HE1	1:61:A:SER:H	15	0.94
(15,1874)	1:18:A:PHE:HE2	1:61:A:SER:H	15	0.94
(15,1048)	1:11:A:ILE:HA	1:14:A:VAL:HB	4	0.94
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	13	0.94
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	13	0.94
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	13	0.94
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	13	0.94
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	13	0.94
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	13	0.94
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	13	0.94
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	13	0.94
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	13	0.94
(15,675)	1:63:A:ILE:HG12	1:117:A:VAL:H	14	0.94
(15,12)	1:64:A:LYS:H	1:116:A:GLN:HG3	14	0.94
(13,1972)	1:16:A:SER:HB2	1:43:A:MET:HE1	15	0.94
(13,1972)	1:16:A:SER:HB2	1:43:A:MET:HE2	15	0.94
(13,1972)	1:16:A:SER:HB2	1:43:A:MET:HE3	15	0.94
(13,1972)	1:16:A:SER:HB3	1:43:A:MET:HE1	15	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1972)	1:16:A:SER:HB3	1:43:A:MET:HE2	15	0.94
(13,1972)	1:16:A:SER:HB3	1:43:A:MET:HE3	15	0.94
(13,1745)	1:13:A:ALA:H	1:80:A:TYR:HD1	1	0.94
(13,1745)	1:13:A:ALA:H	1:80:A:TYR:HD2	1	0.94
(13,1745)	1:13:A:ALA:H	1:80:A:TYR:HD1	4	0.94
(13,1745)	1:13:A:ALA:H	1:80:A:TYR:HD2	4	0.94
(13,1300)	1:106:A:ASP:HA	1:112:A:GLN:HE21	11	0.94
(13,1028)	1:11:A:ILE:HA	1:14:A:VAL:HB	4	0.94
(13,854)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	14	0.94
(13,854)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	14	0.94
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	14	0.94
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	14	0.94
(11,1681)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	7	0.94
(11,1681)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	7	0.94
(11,1681)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	7	0.94
(11,1628)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	14	0.94
(11,1628)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	14	0.94
(11,1628)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	14	0.94
(11,1628)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	14	0.94
(11,1628)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	14	0.94
(11,1628)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	14	0.94
(11,1617)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	10	0.94
(11,1617)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	10	0.94
(11,1617)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	10	0.94
(11,1617)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	10	0.94
(11,1617)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	10	0.94
(11,1617)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	10	0.94
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD11	8	0.94
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD12	8	0.94
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD13	8	0.94
(11,1605)	1:58:A:ILE:HD11	1:61:A:SER:H	2	0.94
(11,1605)	1:58:A:ILE:HD12	1:61:A:SER:H	2	0.94
(11,1605)	1:58:A:ILE:HD13	1:61:A:SER:H	2	0.94
(11,1605)	1:58:A:ILE:HD11	1:61:A:SER:H	15	0.94
(11,1605)	1:58:A:ILE:HD12	1:61:A:SER:H	15	0.94
(11,1605)	1:58:A:ILE:HD13	1:61:A:SER:H	15	0.94
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	1	0.94
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	1	0.94
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	1	0.94
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	1	0.94
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	1	0.94
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	1	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,725)	1:73:A:ILE:HG21	1:76:A:ARG:HE	2	0.94
(11,725)	1:73:A:ILE:HG22	1:76:A:ARG:HE	2	0.94
(11,725)	1:73:A:ILE:HG23	1:76:A:ARG:HE	2	0.94
(11,280)	1:113:A:PHE:H	1:116:A:GLN:HG3	1	0.94
(9,2126)	1:43:A:MET:HE1	1:131:A:LEU:HD11	4	0.94
(9,2126)	1:43:A:MET:HE1	1:131:A:LEU:HD12	4	0.94
(9,2126)	1:43:A:MET:HE1	1:131:A:LEU:HD13	4	0.94
(9,2126)	1:43:A:MET:HE1	1:131:A:LEU:HD21	4	0.94
(9,2126)	1:43:A:MET:HE1	1:131:A:LEU:HD22	4	0.94
(9,2126)	1:43:A:MET:HE1	1:131:A:LEU:HD23	4	0.94
(9,2126)	1:43:A:MET:HE2	1:131:A:LEU:HD11	4	0.94
(9,2126)	1:43:A:MET:HE2	1:131:A:LEU:HD12	4	0.94
(9,2126)	1:43:A:MET:HE2	1:131:A:LEU:HD13	4	0.94
(9,2126)	1:43:A:MET:HE2	1:131:A:LEU:HD21	4	0.94
(9,2126)	1:43:A:MET:HE2	1:131:A:LEU:HD22	4	0.94
(9,2126)	1:43:A:MET:HE2	1:131:A:LEU:HD23	4	0.94
(9,2126)	1:43:A:MET:HE3	1:131:A:LEU:HD11	4	0.94
(9,2126)	1:43:A:MET:HE3	1:131:A:LEU:HD12	4	0.94
(9,2126)	1:43:A:MET:HE3	1:131:A:LEU:HD13	4	0.94
(9,2126)	1:43:A:MET:HE3	1:131:A:LEU:HD21	4	0.94
(9,2126)	1:43:A:MET:HE3	1:131:A:LEU:HD22	4	0.94
(9,2126)	1:43:A:MET:HE3	1:131:A:LEU:HD23	4	0.94
(9,2059)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	16	0.94
(9,2059)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	16	0.94
(9,2059)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	16	0.94
(9,2059)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	16	0.94
(9,2059)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	16	0.94
(9,2059)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	16	0.94
(9,1857)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	13	0.94
(9,1857)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	13	0.94
(9,1470)	1:95:A:ILE:HG21	1:97:A:ASP:H	2	0.94
(9,1470)	1:95:A:ILE:HG22	1:97:A:ASP:H	2	0.94
(9,1470)	1:95:A:ILE:HG23	1:97:A:ASP:H	2	0.94
(9,1441)	1:145:A:PRO:HD2	1:147:A:ARG:H	11	0.94
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD21	9	0.94
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD22	9	0.94
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD23	9	0.94
(9,1029)	1:11:A:ILE:HG12	1:43:A:MET:HB3	10	0.94
(9,962)	1:11:A:ILE:HG12	1:43:A:MET:HB2	13	0.94
(9,286)	1:113:A:PHE:H	1:116:A:GLN:HG3	1	0.94
(7,2122)	1:43:A:MET:HE1	1:131:A:LEU:HD11	4	0.94
(7,2122)	1:43:A:MET:HE1	1:131:A:LEU:HD12	4	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2122)	1:43:A:MET:HE1	1:131:A:LEU:HD13	4	0.94
(7,2122)	1:43:A:MET:HE1	1:131:A:LEU:HD21	4	0.94
(7,2122)	1:43:A:MET:HE1	1:131:A:LEU:HD22	4	0.94
(7,2122)	1:43:A:MET:HE1	1:131:A:LEU:HD23	4	0.94
(7,2122)	1:43:A:MET:HE2	1:131:A:LEU:HD11	4	0.94
(7,2122)	1:43:A:MET:HE2	1:131:A:LEU:HD12	4	0.94
(7,2122)	1:43:A:MET:HE2	1:131:A:LEU:HD13	4	0.94
(7,2122)	1:43:A:MET:HE2	1:131:A:LEU:HD21	4	0.94
(7,2122)	1:43:A:MET:HE2	1:131:A:LEU:HD22	4	0.94
(7,2122)	1:43:A:MET:HE2	1:131:A:LEU:HD23	4	0.94
(7,2122)	1:43:A:MET:HE3	1:131:A:LEU:HD11	4	0.94
(7,2122)	1:43:A:MET:HE3	1:131:A:LEU:HD12	4	0.94
(7,2122)	1:43:A:MET:HE3	1:131:A:LEU:HD13	4	0.94
(7,2122)	1:43:A:MET:HE3	1:131:A:LEU:HD21	4	0.94
(7,2122)	1:43:A:MET:HE3	1:131:A:LEU:HD22	4	0.94
(7,2122)	1:43:A:MET:HE3	1:131:A:LEU:HD23	4	0.94
(7,2121)	1:43:A:MET:HE1	1:46:A:ASN:HD21	5	0.94
(7,2121)	1:43:A:MET:HE1	1:46:A:ASN:HD22	5	0.94
(7,2121)	1:43:A:MET:HE2	1:46:A:ASN:HD21	5	0.94
(7,2121)	1:43:A:MET:HE2	1:46:A:ASN:HD22	5	0.94
(7,2121)	1:43:A:MET:HE3	1:46:A:ASN:HD21	5	0.94
(7,2121)	1:43:A:MET:HE3	1:46:A:ASN:HD22	5	0.94
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD11	9	0.94
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD12	9	0.94
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD13	9	0.94
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD21	9	0.94
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD22	9	0.94
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD23	9	0.94
(7,2050)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	16	0.94
(7,2050)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	16	0.94
(7,2050)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	16	0.94
(7,2050)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	16	0.94
(7,2050)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	16	0.94
(7,2050)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	16	0.94
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG12	8	0.94
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG13	8	0.94
(7,1974)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	0.94
(7,1974)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	0.94
(7,1974)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	0.94
(7,1974)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	0.94
(7,1974)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	0.94
(7,1974)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1974)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	0.94
(7,1974)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	0.94
(7,1974)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	0.94
(7,1974)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	0.94
(7,1974)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	0.94
(7,1974)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	0.94
(7,1963)	1:16:A:SER:HB2	1:43:A:MET:HE1	15	0.94
(7,1963)	1:16:A:SER:HB2	1:43:A:MET:HE2	15	0.94
(7,1963)	1:16:A:SER:HB2	1:43:A:MET:HE3	15	0.94
(7,1963)	1:16:A:SER:HB3	1:43:A:MET:HE1	15	0.94
(7,1963)	1:16:A:SER:HB3	1:43:A:MET:HE2	15	0.94
(7,1963)	1:16:A:SER:HB3	1:43:A:MET:HE3	15	0.94
(7,1836)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	13	0.94
(7,1836)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	13	0.94
(7,1815)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	14	0.94
(7,1815)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	14	0.94
(7,1815)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	14	0.94
(7,1815)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	14	0.94
(7,1747)	1:13:A:ALA:H	1:80:A:TYR:HD1	1	0.94
(7,1747)	1:13:A:ALA:H	1:80:A:TYR:HD2	1	0.94
(7,1747)	1:13:A:ALA:H	1:80:A:TYR:HD1	4	0.94
(7,1747)	1:13:A:ALA:H	1:80:A:TYR:HD2	4	0.94
(7,1560)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	10	0.94
(7,1560)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	10	0.94
(7,1560)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	10	0.94
(7,1560)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	10	0.94
(7,1560)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	10	0.94
(7,1560)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	10	0.94
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE1	2	0.94
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE2	2	0.94
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE3	2	0.94
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	12	0.94
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	12	0.94
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	12	0.94
(7,1183)	1:13:A:ALA:H	1:40:A:LEU:HD21	12	0.94
(7,1183)	1:13:A:ALA:H	1:40:A:LEU:HD22	12	0.94
(7,1183)	1:13:A:ALA:H	1:40:A:LEU:HD23	12	0.94
(7,971)	1:12:A:VAL:HB	1:40:A:LEU:H	9	0.94
(7,574)	1:11:A:ILE:HD11	1:16:A:SER:H	8	0.94
(7,574)	1:11:A:ILE:HD12	1:16:A:SER:H	8	0.94
(7,574)	1:11:A:ILE:HD13	1:16:A:SER:H	8	0.94
(6,2150)	1:43:A:MET:HE1	1:131:A:LEU:HD11	4	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2150)	1:43:A:MET:HE1	1:131:A:LEU:HD12	4	0.94
(6,2150)	1:43:A:MET:HE1	1:131:A:LEU:HD13	4	0.94
(6,2150)	1:43:A:MET:HE1	1:131:A:LEU:HD21	4	0.94
(6,2150)	1:43:A:MET:HE1	1:131:A:LEU:HD22	4	0.94
(6,2150)	1:43:A:MET:HE1	1:131:A:LEU:HD23	4	0.94
(6,2150)	1:43:A:MET:HE2	1:131:A:LEU:HD11	4	0.94
(6,2150)	1:43:A:MET:HE2	1:131:A:LEU:HD12	4	0.94
(6,2150)	1:43:A:MET:HE2	1:131:A:LEU:HD13	4	0.94
(6,2150)	1:43:A:MET:HE2	1:131:A:LEU:HD21	4	0.94
(6,2150)	1:43:A:MET:HE2	1:131:A:LEU:HD22	4	0.94
(6,2150)	1:43:A:MET:HE2	1:131:A:LEU:HD23	4	0.94
(6,2150)	1:43:A:MET:HE3	1:131:A:LEU:HD11	4	0.94
(6,2150)	1:43:A:MET:HE3	1:131:A:LEU:HD12	4	0.94
(6,2150)	1:43:A:MET:HE3	1:131:A:LEU:HD13	4	0.94
(6,2150)	1:43:A:MET:HE3	1:131:A:LEU:HD21	4	0.94
(6,2150)	1:43:A:MET:HE3	1:131:A:LEU:HD22	4	0.94
(6,2150)	1:43:A:MET:HE3	1:131:A:LEU:HD23	4	0.94
(6,2149)	1:43:A:MET:HE1	1:46:A:ASN:HD21	5	0.94
(6,2149)	1:43:A:MET:HE1	1:46:A:ASN:HD22	5	0.94
(6,2149)	1:43:A:MET:HE2	1:46:A:ASN:HD21	5	0.94
(6,2149)	1:43:A:MET:HE2	1:46:A:ASN:HD22	5	0.94
(6,2149)	1:43:A:MET:HE3	1:46:A:ASN:HD21	5	0.94
(6,2149)	1:43:A:MET:HE3	1:46:A:ASN:HD22	5	0.94
(6,1982)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	11	0.94
(6,1982)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	11	0.94
(6,1982)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	11	0.94
(6,1982)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	11	0.94
(6,1982)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	11	0.94
(6,1982)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	11	0.94
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD11	4	0.94
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD12	4	0.94
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD13	4	0.94
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD21	4	0.94
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD22	4	0.94
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD23	4	0.94
(6,1915)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	1	0.94
(6,1915)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	1	0.94
(6,1870)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	13	0.94
(6,1870)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	13	0.94
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	9	0.94
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	9	0.94
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	9	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1587)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	10	0.94
(6,1587)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	10	0.94
(6,1587)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	10	0.94
(6,1587)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	10	0.94
(6,1587)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	10	0.94
(6,1587)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	10	0.94
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE1	2	0.94
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE2	2	0.94
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE3	2	0.94
(6,828)	1:48:A:ARG:HD2	1:49:A:LYS:HA	1	0.94
(6,828)	1:48:A:ARG:HD3	1:49:A:LYS:HA	1	0.94
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	11	0.94
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	11	0.94
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	11	0.94
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	11	0.94
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	11	0.94
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	11	0.94
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	19	0.94
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	19	0.94
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	19	0.94
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	19	0.94
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	19	0.94
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	19	0.94
(6,701)	1:23:A:LEU:HB2	1:27:A:ARG:HE	17	0.94
(6,701)	1:23:A:LEU:HB3	1:27:A:ARG:HE	17	0.94
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	13	0.94
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	13	0.94
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	13	0.94
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	13	0.94
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	13	0.94
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	13	0.94
(5,2044)	1:31:A:PRO:HB2	1:144:A:LEU:HB2	6	0.94
(5,2044)	1:31:A:PRO:HB2	1:144:A:LEU:HB3	6	0.94
(5,2044)	1:31:A:PRO:HB3	1:144:A:LEU:HB2	6	0.94
(5,2044)	1:31:A:PRO:HB3	1:144:A:LEU:HB3	6	0.94
(5,1928)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	1	0.94
(5,1928)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	1	0.94
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	9	0.94
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	9	0.94
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	9	0.94
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD11	5	0.94
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD12	5	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD13	5	0.94
(5,1589)	1:58:A:ILE:HD11	1:61:A:SER:H	2	0.94
(5,1589)	1:58:A:ILE:HD12	1:61:A:SER:H	2	0.94
(5,1589)	1:58:A:ILE:HD13	1:61:A:SER:H	2	0.94
(5,1589)	1:58:A:ILE:HD11	1:61:A:SER:H	15	0.94
(5,1589)	1:58:A:ILE:HD12	1:61:A:SER:H	15	0.94
(5,1589)	1:58:A:ILE:HD13	1:61:A:SER:H	15	0.94
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	7	0.94
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	7	0.94
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	7	0.94
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	7	0.94
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	7	0.94
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	7	0.94
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	17	0.94
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	17	0.94
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	17	0.94
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	17	0.94
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	17	0.94
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	17	0.94
(5,1465)	1:145:A:PRO:HD2	1:147:A:ARG:H	11	0.94
(5,1349)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	8	0.94
(5,1349)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	8	0.94
(5,1349)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	8	0.94
(5,1349)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	8	0.94
(5,1349)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	8	0.94
(5,1349)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	8	0.94
(5,1349)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	8	0.94
(5,1349)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	8	0.94
(5,1349)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	8	0.94
(5,1021)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	17	0.94
(5,1021)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	17	0.94
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG2	5	0.94
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG3	5	0.94
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG2	5	0.94
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG3	5	0.94
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG2	5	0.94
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG3	5	0.94
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG2	12	0.94
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG3	12	0.94
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG2	12	0.94
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG3	12	0.94
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG2	12	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG3	12	0.94
(5,273)	1:113:A:PHE:H	1:116:A:GLN:HG3	1	0.94
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	10	0.94
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	10	0.94
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	10	0.94
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG21	10	0.94
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG22	10	0.94
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG23	10	0.94
(4,2002)	1:16:A:SER:HB2	1:43:A:MET:HE1	15	0.94
(4,2002)	1:16:A:SER:HB2	1:43:A:MET:HE2	15	0.94
(4,2002)	1:16:A:SER:HB2	1:43:A:MET:HE3	15	0.94
(4,2002)	1:16:A:SER:HB3	1:43:A:MET:HE1	15	0.94
(4,2002)	1:16:A:SER:HB3	1:43:A:MET:HE2	15	0.94
(4,2002)	1:16:A:SER:HB3	1:43:A:MET:HE3	15	0.94
(4,1867)	1:18:A:PHE:HE1	1:61:A:SER:H	15	0.94
(4,1867)	1:18:A:PHE:HE2	1:61:A:SER:H	15	0.94
(4,1568)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	10	0.94
(4,1568)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	10	0.94
(4,1568)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	10	0.94
(4,1568)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	10	0.94
(4,1568)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	10	0.94
(4,1568)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	10	0.94
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD21	2	0.94
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD22	2	0.94
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD23	2	0.94
(4,1389)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	10	0.94
(4,1389)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	10	0.94
(4,1389)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	10	0.94
(4,398)	1:119:A:LEU:H	1:119:A:LEU:HG	1	0.94
(4,43)	1:98:A:ILE:H	1:104:A:PHE:HB2	14	0.94
(3,2055)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	18	0.94
(3,2055)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	18	0.94
(3,2055)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	18	0.94
(3,2055)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	18	0.94
(3,2055)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	18	0.94
(3,2055)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	18	0.94
(3,2055)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	18	0.94
(3,2055)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	18	0.94
(3,2055)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	18	0.94
(3,2055)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	18	0.94
(3,2055)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	18	0.94
(3,2055)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	18	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG21	15	0.94
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG22	15	0.94
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG23	15	0.94
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG21	15	0.94
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG22	15	0.94
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG23	15	0.94
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG21	17	0.94
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG22	17	0.94
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG23	17	0.94
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG21	17	0.94
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG22	17	0.94
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG23	17	0.94
(3,2044)	1:17:A:ASN:HD21	1:78:A:HIS:H	10	0.94
(3,2044)	1:17:A:ASN:HD22	1:78:A:HIS:H	10	0.94
(3,1972)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	5	0.94
(3,1972)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	5	0.94
(3,1972)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	5	0.94
(3,1972)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	5	0.94
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD1	6	0.94
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD2	6	0.94
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD2	13	0.94
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD3	13	0.94
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD2	13	0.94
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD3	13	0.94
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD2	13	0.94
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD3	13	0.94
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	9	0.94
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	9	0.94
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	9	0.94
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	3	0.94
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	3	0.94
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	3	0.94
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	18	0.94
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	18	0.94
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	18	0.94
(3,1407)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	13	0.94
(3,1407)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	13	0.94
(3,1407)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	13	0.94
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG11	15	0.94
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG12	15	0.94
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG13	15	0.94
(3,1033)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	17	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1033)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	17	0.94
(3,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	13	0.94
(3,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	13	0.94
(3,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	13	0.94
(3,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	13	0.94
(3,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	13	0.94
(3,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	13	0.94
(2,2275)	1:70:A:LYS:HG2	1:71:A:LYS:H	8	0.94
(2,2275)	1:70:A:LYS:HG3	1:71:A:LYS:H	8	0.94
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG11	10	0.94
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG12	10	0.94
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG13	10	0.94
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG21	10	0.94
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG22	10	0.94
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG23	10	0.94
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE1	13	0.94
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE2	13	0.94
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE3	13	0.94
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE1	13	0.94
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE2	13	0.94
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE3	13	0.94
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE1	13	0.94
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE2	13	0.94
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE3	13	0.94
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE1	13	0.94
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE2	13	0.94
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE3	13	0.94
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE1	13	0.94
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE2	13	0.94
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE3	13	0.94
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE1	13	0.94
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE2	13	0.94
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE3	13	0.94
(2,1805)	1:13:A:ALA:H	1:80:A:TYR:HD1	1	0.94
(2,1805)	1:13:A:ALA:H	1:80:A:TYR:HD2	1	0.94
(2,1805)	1:13:A:ALA:H	1:80:A:TYR:HD1	4	0.94
(2,1805)	1:13:A:ALA:H	1:80:A:TYR:HD2	4	0.94
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE1	8	0.94
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE2	8	0.94
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE3	8	0.94
(2,1194)	1:140:A:LEU:HA	1:144:A:LEU:HD21	1	0.94
(2,1194)	1:140:A:LEU:HA	1:144:A:LEU:HD22	1	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1194)	1:140:A:LEU:HA	1:144:A:LEU:HD23	1	0.94
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD21	15	0.94
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD22	15	0.94
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD23	15	0.94
(2,709)	1:48:A:ARG:HE	1:49:A:LYS:HA	6	0.94
(2,622)	1:40:A:LEU:H	1:43:A:MET:HG3	8	0.94
(2,54)	1:47:A:ALA:H	1:134:A:VAL:HG21	5	0.94
(2,54)	1:47:A:ALA:H	1:134:A:VAL:HG22	5	0.94
(2,54)	1:47:A:ALA:H	1:134:A:VAL:HG23	5	0.94
(1,2126)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	13	0.94
(1,2126)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	13	0.94
(1,2126)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	13	0.94
(1,2126)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	13	0.94
(1,2126)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	13	0.94
(1,2126)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	13	0.94
(1,2126)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	13	0.94
(1,2126)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	13	0.94
(1,2126)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	13	0.94
(1,2126)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	13	0.94
(1,2126)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	13	0.94
(1,2126)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	13	0.94
(1,1412)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	10	0.94
(1,1412)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	10	0.94
(1,1412)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	10	0.94
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	15	0.94
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	15	0.94
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	15	0.94
(1,1035)	1:113:A:PHE:HA	1:116:A:GLN:HG3	12	0.94
(1,905)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	19	0.94
(1,905)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	19	0.94
(1,905)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	19	0.94
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	13	0.94
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	13	0.94
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	13	0.94
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	13	0.94
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	13	0.94
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	13	0.94
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	13	0.94
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	13	0.94
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	13	0.94
(1,201)	1:44:A:GLU:H	1:44:A:GLU:HG3	4	0.94
(34,2142)	1:40:A:LEU:HD11	1:45:A:ALA:H	15	0.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2142)	1:40:A:LEU:HD12	1:45:A:ALA:H	15	0.93
(34,2142)	1:40:A:LEU:HD13	1:45:A:ALA:H	15	0.93
(34,2142)	1:40:A:LEU:HD21	1:45:A:ALA:H	15	0.93
(34,2142)	1:40:A:LEU:HD22	1:45:A:ALA:H	15	0.93
(34,2142)	1:40:A:LEU:HD23	1:45:A:ALA:H	15	0.93
(34,2032)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	13	0.93
(34,2032)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	13	0.93
(34,2032)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	13	0.93
(34,2032)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	13	0.93
(34,2032)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	13	0.93
(34,2032)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	13	0.93
(34,2032)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	13	0.93
(34,2032)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	13	0.93
(34,2032)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	13	0.93
(34,2032)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	13	0.93
(34,2032)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	13	0.93
(34,2032)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	13	0.93
(34,1890)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	10	0.93
(34,1890)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	10	0.93
(34,1890)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	10	0.93
(34,1890)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	10	0.93
(34,1876)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	17	0.93
(34,1876)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	17	0.93
(34,1633)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	9	0.93
(34,1633)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	9	0.93
(34,1633)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	9	0.93
(34,1633)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	9	0.93
(34,1633)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	9	0.93
(34,1633)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	9	0.93
(34,1070)	1:11:A:ILE:HA	1:14:A:VAL:HB	4	0.93
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD2	14	0.93
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD3	14	0.93
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD2	16	0.93
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD3	16	0.93
(34,879)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	12	0.93
(34,879)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	12	0.93
(34,879)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	12	0.93
(34,701)	1:54:A:ARG:HD2	1:56:A:CYS:H	7	0.93
(34,701)	1:54:A:ARG:HD3	1:56:A:CYS:H	7	0.93
(34,413)	1:119:A:LEU:H	1:119:A:LEU:HG	1	0.93
(33,2263)	1:70:A:LYS:HG2	1:71:A:LYS:H	8	0.93
(33,2263)	1:70:A:LYS:HG3	1:71:A:LYS:H	8	0.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	7	0.93
(33,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	7	0.93
(33,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	7	0.93
(33,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	7	0.93
(33,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	7	0.93
(33,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	7	0.93
(33,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	7	0.93
(33,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	7	0.93
(33,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	7	0.93
(33,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	7	0.93
(33,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	7	0.93
(33,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	7	0.93
(33,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	7	0.93
(33,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	7	0.93
(33,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	7	0.93
(33,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	7	0.93
(33,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	7	0.93
(33,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	7	0.93
(33,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	7	0.93
(33,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	7	0.93
(33,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	7	0.93
(33,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	7	0.93
(33,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	7	0.93
(33,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	7	0.93
(33,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	7	0.93
(33,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	7	0.93
(33,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	7	0.93
(33,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	7	0.93
(33,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	7	0.93
(33,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	7	0.93
(33,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	7	0.93
(33,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	7	0.93
(33,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	7	0.93
(33,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	7	0.93
(33,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	7	0.93
(33,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	7	0.93
(33,2086)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	19	0.93
(33,2086)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	19	0.93
(33,2086)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	19	0.93
(33,2086)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	19	0.93
(33,2086)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	19	0.93
(33,2086)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	19	0.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1636)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	7	0.93
(33,1636)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	7	0.93
(33,1636)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	7	0.93
(33,1509)	1:69:A:MET:HE1	1:115:A:ALA:H	10	0.93
(33,1509)	1:69:A:MET:HE2	1:115:A:ALA:H	10	0.93
(33,1509)	1:69:A:MET:HE3	1:115:A:ALA:H	10	0.93
(33,832)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	11	0.93
(33,832)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	11	0.93
(33,832)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	11	0.93
(33,832)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	11	0.93
(33,742)	1:105:A:LYS:HG3	1:112:A:GLN:HE22	9	0.93
(33,691)	1:54:A:ARG:HD2	1:56:A:CYS:H	7	0.93
(33,691)	1:54:A:ARG:HD3	1:56:A:CYS:H	7	0.93
(33,588)	1:70:A:LYS:HB2	1:75:A:GLY:H	8	0.93
(33,588)	1:70:A:LYS:HB3	1:75:A:GLY:H	8	0.93
(32,2199)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	7	0.93
(32,2199)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	7	0.93
(32,2199)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	7	0.93
(32,2199)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	7	0.93
(32,2199)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	7	0.93
(32,2199)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	7	0.93
(32,2199)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	7	0.93
(32,2199)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	7	0.93
(32,2199)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	7	0.93
(32,2199)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	7	0.93
(32,2199)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	7	0.93
(32,2199)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	7	0.93
(32,2199)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	7	0.93
(32,2199)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	7	0.93
(32,2199)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	7	0.93
(32,2199)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	7	0.93
(32,2199)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	7	0.93
(32,2199)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	7	0.93
(32,2199)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	7	0.93
(32,2199)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	7	0.93
(32,2199)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	7	0.93
(32,2199)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	7	0.93
(32,2199)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	7	0.93
(32,2199)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	7	0.93
(32,2199)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	7	0.93
(32,2199)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	7	0.93
(32,2199)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	7	0.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2199)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	7	0.93
(32,2199)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	7	0.93
(32,2199)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	7	0.93
(32,2199)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	7	0.93
(32,2199)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	7	0.93
(32,2199)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	7	0.93
(32,2199)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	7	0.93
(32,2199)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	7	0.93
(32,2199)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	7	0.93
(32,2166)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	15	0.93
(32,2166)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	15	0.93
(32,2166)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	15	0.93
(32,2166)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	15	0.93
(32,2166)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	15	0.93
(32,2166)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	15	0.93
(32,2166)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	15	0.93
(32,2166)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	15	0.93
(32,2166)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	15	0.93
(32,2166)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	15	0.93
(32,2166)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	15	0.93
(32,2166)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	15	0.93
(32,2166)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	15	0.93
(32,2166)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	15	0.93
(32,2166)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	15	0.93
(32,2166)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	15	0.93
(32,2166)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	15	0.93
(32,2166)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	15	0.93
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD11	4	0.93
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD12	4	0.93
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD13	4	0.93
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD21	4	0.93
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD22	4	0.93
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD23	4	0.93
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD21	15	0.93
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD22	15	0.93
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD23	15	0.93
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD21	19	0.93
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD22	19	0.93
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD23	19	0.93
(32,1259)	1:66:A:THR:HG21	1:96:A:VAL:H	12	0.93
(32,1259)	1:66:A:THR:HG22	1:96:A:VAL:H	12	0.93
(32,1259)	1:66:A:THR:HG23	1:96:A:VAL:H	12	0.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,809)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	11	0.93
(32,809)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	11	0.93
(32,809)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	11	0.93
(32,809)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	11	0.93
(30,2346)	1:107:A:LEU:HD11	1:112:A:GLN:HA	16	0.93
(30,2346)	1:107:A:LEU:HD12	1:112:A:GLN:HA	16	0.93
(30,2346)	1:107:A:LEU:HD13	1:112:A:GLN:HA	16	0.93
(30,2346)	1:107:A:LEU:HD21	1:112:A:GLN:HA	16	0.93
(30,2346)	1:107:A:LEU:HD22	1:112:A:GLN:HA	16	0.93
(30,2346)	1:107:A:LEU:HD23	1:112:A:GLN:HA	16	0.93
(30,2148)	1:40:A:LEU:HD11	1:45:A:ALA:H	15	0.93
(30,2148)	1:40:A:LEU:HD12	1:45:A:ALA:H	15	0.93
(30,2148)	1:40:A:LEU:HD13	1:45:A:ALA:H	15	0.93
(30,2148)	1:40:A:LEU:HD21	1:45:A:ALA:H	15	0.93
(30,2148)	1:40:A:LEU:HD22	1:45:A:ALA:H	15	0.93
(30,2148)	1:40:A:LEU:HD23	1:45:A:ALA:H	15	0.93
(30,1844)	1:13:A:ALA:HA	1:80:A:TYR:HE1	16	0.93
(30,1844)	1:13:A:ALA:HA	1:80:A:TYR:HE2	16	0.93
(30,1653)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	7	0.93
(30,1653)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	7	0.93
(30,1653)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	7	0.93
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	7	0.93
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	7	0.93
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	7	0.93
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	12	0.93
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	12	0.93
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	12	0.93
(30,1078)	1:136:A:CYS:HB2	1:141:A:LYS:HA	1	0.93
(30,985)	1:12:A:VAL:HB	1:43:A:MET:HE1	11	0.93
(30,985)	1:12:A:VAL:HB	1:43:A:MET:HE2	11	0.93
(30,985)	1:12:A:VAL:HB	1:43:A:MET:HE3	11	0.93
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG11	12	0.93
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG12	12	0.93
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG13	12	0.93
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	13	0.93
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	13	0.93
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	13	0.93
(30,693)	1:54:A:ARG:HD2	1:56:A:CYS:H	7	0.93
(30,693)	1:54:A:ARG:HD3	1:56:A:CYS:H	7	0.93
(30,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	16	0.93
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD11	11	0.93
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD12	11	0.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD13	11	0.93
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD21	11	0.93
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD22	11	0.93
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD23	11	0.93
(29,2145)	1:40:A:LEU:HD11	1:45:A:ALA:H	15	0.93
(29,2145)	1:40:A:LEU:HD12	1:45:A:ALA:H	15	0.93
(29,2145)	1:40:A:LEU:HD13	1:45:A:ALA:H	15	0.93
(29,2145)	1:40:A:LEU:HD21	1:45:A:ALA:H	15	0.93
(29,2145)	1:40:A:LEU:HD22	1:45:A:ALA:H	15	0.93
(29,2145)	1:40:A:LEU:HD23	1:45:A:ALA:H	15	0.93
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG21	15	0.93
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG22	15	0.93
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG23	15	0.93
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG21	15	0.93
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG22	15	0.93
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG23	15	0.93
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG21	15	0.93
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG22	15	0.93
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG23	15	0.93
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG21	15	0.93
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG22	15	0.93
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG23	15	0.93
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG21	15	0.93
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG22	15	0.93
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG23	15	0.93
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG21	15	0.93
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG22	15	0.93
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG23	15	0.93
(29,1899)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	10	0.93
(29,1899)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	10	0.93
(29,1899)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	10	0.93
(29,1899)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	10	0.93
(29,1764)	1:140:A:LEU:HD11	1:144:A:LEU:H	17	0.93
(29,1764)	1:140:A:LEU:HD12	1:144:A:LEU:H	17	0.93
(29,1764)	1:140:A:LEU:HD13	1:144:A:LEU:H	17	0.93
(29,1713)	1:52:A:CYS:HA	1:124:A:THR:HB	7	0.93
(29,1711)	1:53:A:THR:H	1:124:A:THR:HB	16	0.93
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	8	0.93
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	8	0.93
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	8	0.93
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	8	0.93
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	8	0.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	8	0.93
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE1	4	0.93
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE2	4	0.93
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE3	4	0.93
(29,1515)	1:15:A:ALA:HA	1:43:A:MET:HE1	18	0.93
(29,1515)	1:15:A:ALA:HA	1:43:A:MET:HE2	18	0.93
(29,1515)	1:15:A:ALA:HA	1:43:A:MET:HE3	18	0.93
(29,1349)	1:17:A:ASN:HA	1:76:A:ARG:HA	13	0.93
(29,1057)	1:11:A:ILE:HA	1:14:A:VAL:HB	4	0.93
(29,970)	1:15:A:ALA:HB1	1:43:A:MET:HB2	9	0.93
(29,970)	1:15:A:ALA:HB2	1:43:A:MET:HB2	9	0.93
(29,970)	1:15:A:ALA:HB3	1:43:A:MET:HB2	9	0.93
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	13	0.93
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	13	0.93
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	13	0.93
(29,700)	1:54:A:ARG:HD2	1:56:A:CYS:H	7	0.93
(29,700)	1:54:A:ARG:HD3	1:56:A:CYS:H	7	0.93
(29,159)	1:67:A:PRO:HD3	1:95:A:ILE:H	4	0.93
(22,37)	1:120:A:CYS:H	1:116:A:GLN:C	17	0.93
(22,25)	1:114:A:ILE:H	1:110:A:MET:C	7	0.93
(22,23)	1:113:A:PHE:H	1:109:A:PRO:C	11	0.93
(20,9)	1:56:A:CYS:SG	1:127:A:CYS:SG	3	0.93
(18,2224)	1:60:A:LEU:HD11	1:122:A:ASP:H	16	0.93
(18,2224)	1:60:A:LEU:HD12	1:122:A:ASP:H	16	0.93
(18,2224)	1:60:A:LEU:HD13	1:122:A:ASP:H	16	0.93
(18,2224)	1:60:A:LEU:HD21	1:122:A:ASP:H	16	0.93
(18,2224)	1:60:A:LEU:HD22	1:122:A:ASP:H	16	0.93
(18,2224)	1:60:A:LEU:HD23	1:122:A:ASP:H	16	0.93
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD11	10	0.93
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD12	10	0.93
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD13	10	0.93
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD21	10	0.93
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD22	10	0.93
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD23	10	0.93
(18,1869)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	10	0.93
(18,1869)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	10	0.93
(18,1869)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	10	0.93
(18,1869)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	10	0.93
(18,1832)	1:13:A:ALA:HA	1:80:A:TYR:HE1	5	0.93
(18,1832)	1:13:A:ALA:HA	1:80:A:TYR:HE2	5	0.93
(18,1705)	1:79:A:THR:HG21	1:81:A:GLU:HB3	8	0.93
(18,1705)	1:79:A:THR:HG22	1:81:A:GLU:HB3	8	0.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1705)	1:79:A:THR:HG23	1:81:A:GLU:HB3	8	0.93
(18,1286)	1:66:A:THR:HG21	1:96:A:VAL:H	12	0.93
(18,1286)	1:66:A:THR:HG22	1:96:A:VAL:H	12	0.93
(18,1286)	1:66:A:THR:HG23	1:96:A:VAL:H	12	0.93
(18,1036)	1:113:A:PHE:HA	1:116:A:GLN:HG3	2	0.93
(18,706)	1:54:A:ARG:HD2	1:56:A:CYS:H	7	0.93
(18,706)	1:54:A:ARG:HD3	1:56:A:CYS:H	7	0.93
(18,456)	1:76:A:ARG:H	1:77:A:CYS:HB2	15	0.93
(18,107)	1:69:A:MET:H	1:69:A:MET:HE1	10	0.93
(18,107)	1:69:A:MET:H	1:69:A:MET:HE2	10	0.93
(18,107)	1:69:A:MET:H	1:69:A:MET:HE3	10	0.93
(17,1274)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	4	0.93
(17,1274)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	4	0.93
(17,1274)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	4	0.93
(17,1274)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	4	0.93
(17,1274)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	4	0.93
(17,1274)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	4	0.93
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	13	0.93
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	13	0.93
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	13	0.93
(17,692)	1:54:A:ARG:HD2	1:56:A:CYS:H	7	0.93
(17,692)	1:54:A:ARG:HD3	1:56:A:CYS:H	7	0.93
(17,504)	1:70:A:LYS:HE2	1:71:A:LYS:H	15	0.93
(17,504)	1:70:A:LYS:HE3	1:71:A:LYS:H	15	0.93
(16,2329)	1:107:A:LEU:HD11	1:112:A:GLN:HA	16	0.93
(16,2329)	1:107:A:LEU:HD12	1:112:A:GLN:HA	16	0.93
(16,2329)	1:107:A:LEU:HD13	1:112:A:GLN:HA	16	0.93
(16,2329)	1:107:A:LEU:HD21	1:112:A:GLN:HA	16	0.93
(16,2329)	1:107:A:LEU:HD22	1:112:A:GLN:HA	16	0.93
(16,2329)	1:107:A:LEU:HD23	1:112:A:GLN:HA	16	0.93
(16,2092)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	19	0.93
(16,2092)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	19	0.93
(16,2092)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	19	0.93
(16,2092)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	19	0.93
(16,2092)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	19	0.93
(16,2092)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	19	0.93
(16,2083)	1:35:A:LEU:HD11	1:38:A:GLU:H	18	0.93
(16,2083)	1:35:A:LEU:HD12	1:38:A:GLU:H	18	0.93
(16,2083)	1:35:A:LEU:HD13	1:38:A:GLU:H	18	0.93
(16,2083)	1:35:A:LEU:HD21	1:38:A:GLU:H	18	0.93
(16,2083)	1:35:A:LEU:HD22	1:38:A:GLU:H	18	0.93
(16,2083)	1:35:A:LEU:HD23	1:38:A:GLU:H	18	0.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD11	16	0.93
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD12	16	0.93
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD13	16	0.93
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD21	16	0.93
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD22	16	0.93
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD23	16	0.93
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD11	16	0.93
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD12	16	0.93
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD13	16	0.93
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD21	16	0.93
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD22	16	0.93
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD23	16	0.93
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD11	16	0.93
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD12	16	0.93
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD13	16	0.93
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD21	16	0.93
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD22	16	0.93
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD23	16	0.93
(16,1897)	1:35:A:LEU:HG	1:80:A:TYR:HE1	13	0.93
(16,1897)	1:35:A:LEU:HG	1:80:A:TYR:HE2	13	0.93
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	6	0.93
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	6	0.93
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	6	0.93
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	6	0.93
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	6	0.93
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	6	0.93
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	8	0.93
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	8	0.93
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	8	0.93
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	8	0.93
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	8	0.93
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	8	0.93
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG11	16	0.93
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG12	16	0.93
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG13	16	0.93
(16,1008)	1:105:A:LYS:HD2	1:107:A:LEU:H	1	0.93
(16,1008)	1:105:A:LYS:HD3	1:107:A:LEU:H	1	0.93
(16,792)	1:11:A:ILE:HD11	1:52:A:CYS:HB2	11	0.93
(16,792)	1:11:A:ILE:HD11	1:52:A:CYS:HB3	11	0.93
(16,792)	1:11:A:ILE:HD12	1:52:A:CYS:HB2	11	0.93
(16,792)	1:11:A:ILE:HD12	1:52:A:CYS:HB3	11	0.93
(16,792)	1:11:A:ILE:HD13	1:52:A:CYS:HB2	11	0.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,792)	1:11:A:ILE:HD13	1:52:A:CYS:HB3	11	0.93
(16,700)	1:54:A:ARG:HD2	1:56:A:CYS:H	7	0.93
(16,700)	1:54:A:ARG:HD3	1:56:A:CYS:H	7	0.93
(15,2263)	1:79:A:THR:HG21	1:81:A:GLU:HB2	5	0.93
(15,2263)	1:79:A:THR:HG21	1:81:A:GLU:HB3	5	0.93
(15,2263)	1:79:A:THR:HG22	1:81:A:GLU:HB2	5	0.93
(15,2263)	1:79:A:THR:HG22	1:81:A:GLU:HB3	5	0.93
(15,2263)	1:79:A:THR:HG23	1:81:A:GLU:HB2	5	0.93
(15,2263)	1:79:A:THR:HG23	1:81:A:GLU:HB3	5	0.93
(15,2237)	1:70:A:LYS:HG2	1:71:A:LYS:H	6	0.93
(15,2237)	1:70:A:LYS:HG3	1:71:A:LYS:H	6	0.93
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	8	0.93
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	8	0.93
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	8	0.93
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	8	0.93
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	8	0.93
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	8	0.93
(15,1340)	1:105:A:LYS:HG2	1:106:A:ASP:HA	4	0.93
(15,588)	1:126:A:GLY:H	1:128:A:LEU:HG	15	0.93
(13,2311)	1:107:A:LEU:HD11	1:112:A:GLN:HA	16	0.93
(13,2311)	1:107:A:LEU:HD12	1:112:A:GLN:HA	16	0.93
(13,2311)	1:107:A:LEU:HD13	1:112:A:GLN:HA	16	0.93
(13,2311)	1:107:A:LEU:HD21	1:112:A:GLN:HA	16	0.93
(13,2311)	1:107:A:LEU:HD22	1:112:A:GLN:HA	16	0.93
(13,2311)	1:107:A:LEU:HD23	1:112:A:GLN:HA	16	0.93
(13,1954)	1:14:A:VAL:HG11	1:57:A:LEU:H	15	0.93
(13,1954)	1:14:A:VAL:HG12	1:57:A:LEU:H	15	0.93
(13,1954)	1:14:A:VAL:HG13	1:57:A:LEU:H	15	0.93
(13,1954)	1:14:A:VAL:HG21	1:57:A:LEU:H	15	0.93
(13,1954)	1:14:A:VAL:HG22	1:57:A:LEU:H	15	0.93
(13,1954)	1:14:A:VAL:HG23	1:57:A:LEU:H	15	0.93
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG21	15	0.93
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG22	15	0.93
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG23	15	0.93
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG21	15	0.93
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG22	15	0.93
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG23	15	0.93
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG21	15	0.93
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG22	15	0.93
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG23	15	0.93
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG21	15	0.93
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG22	15	0.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG23	15	0.93
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG21	15	0.93
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG22	15	0.93
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG23	15	0.93
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG21	15	0.93
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG22	15	0.93
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG23	15	0.93
(13,1805)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	14	0.93
(13,1805)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	14	0.93
(13,1805)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	14	0.93
(13,1805)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	14	0.93
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	4	0.93
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	4	0.93
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	4	0.93
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	4	0.93
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	4	0.93
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	4	0.93
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	4	0.93
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	4	0.93
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	4	0.93
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	2	0.93
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	2	0.93
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	2	0.93
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD2	14	0.93
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD3	14	0.93
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD2	16	0.93
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD3	16	0.93
(13,813)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	11	0.93
(13,813)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	11	0.93
(13,813)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	11	0.93
(13,813)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	11	0.93
(13,804)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	3	0.93
(13,804)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	3	0.93
(13,804)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	3	0.93
(13,785)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	17	0.93
(13,785)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	17	0.93
(13,785)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	17	0.93
(13,678)	1:54:A:ARG:HD2	1:56:A:CYS:H	7	0.93
(13,678)	1:54:A:ARG:HD3	1:56:A:CYS:H	7	0.93
(13,417)	1:100:A:ALA:H	1:119:A:LEU:HB3	19	0.93
(11,2148)	1:40:A:LEU:HD11	1:45:A:ALA:H	15	0.93
(11,2148)	1:40:A:LEU:HD12	1:45:A:ALA:H	15	0.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2148)	1:40:A:LEU:HD13	1:45:A:ALA:H	15	0.93
(11,2148)	1:40:A:LEU:HD21	1:45:A:ALA:H	15	0.93
(11,2148)	1:40:A:LEU:HD22	1:45:A:ALA:H	15	0.93
(11,2148)	1:40:A:LEU:HD23	1:45:A:ALA:H	15	0.93
(11,2096)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	19	0.93
(11,2096)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	19	0.93
(11,2096)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	19	0.93
(11,2096)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	19	0.93
(11,2096)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	19	0.93
(11,2096)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	19	0.93
(11,2087)	1:35:A:LEU:HD11	1:38:A:GLU:H	18	0.93
(11,2087)	1:35:A:LEU:HD12	1:38:A:GLU:H	18	0.93
(11,2087)	1:35:A:LEU:HD13	1:38:A:GLU:H	18	0.93
(11,2087)	1:35:A:LEU:HD21	1:38:A:GLU:H	18	0.93
(11,2087)	1:35:A:LEU:HD22	1:38:A:GLU:H	18	0.93
(11,2087)	1:35:A:LEU:HD23	1:38:A:GLU:H	18	0.93
(11,1844)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	14	0.93
(11,1844)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	14	0.93
(11,1383)	1:21:A:THR:HG21	1:23:A:LEU:HD11	11	0.93
(11,1383)	1:21:A:THR:HG21	1:23:A:LEU:HD12	11	0.93
(11,1383)	1:21:A:THR:HG21	1:23:A:LEU:HD13	11	0.93
(11,1383)	1:21:A:THR:HG22	1:23:A:LEU:HD11	11	0.93
(11,1383)	1:21:A:THR:HG22	1:23:A:LEU:HD12	11	0.93
(11,1383)	1:21:A:THR:HG22	1:23:A:LEU:HD13	11	0.93
(11,1383)	1:21:A:THR:HG23	1:23:A:LEU:HD11	11	0.93
(11,1383)	1:21:A:THR:HG23	1:23:A:LEU:HD12	11	0.93
(11,1383)	1:21:A:THR:HG23	1:23:A:LEU:HD13	11	0.93
(11,1186)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	4	0.93
(11,1186)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	4	0.93
(11,1186)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	4	0.93
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD2	14	0.93
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD3	14	0.93
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD2	16	0.93
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD3	16	0.93
(11,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	11	0.93
(11,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	11	0.93
(11,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	11	0.93
(11,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	11	0.93
(11,692)	1:54:A:ARG:HD2	1:56:A:CYS:H	7	0.93
(11,692)	1:54:A:ARG:HD3	1:56:A:CYS:H	7	0.93
(11,637)	1:59:A:CYS:H	1:60:A:LEU:HB3	5	0.93
(11,262)	1:27:A:ARG:HB3	1:29:A:LYS:H	17	0.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG11	19	0.93
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG12	19	0.93
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG13	19	0.93
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG21	19	0.93
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG22	19	0.93
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG23	19	0.93
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	6	0.93
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	6	0.93
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	6	0.93
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	6	0.93
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	6	0.93
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	6	0.93
(9,1732)	1:105:A:LYS:HG2	1:106:A:ASP:HA	4	0.93
(9,1505)	1:43:A:MET:HE1	1:46:A:ASN:HB2	5	0.93
(9,1505)	1:43:A:MET:HE2	1:46:A:ASN:HB2	5	0.93
(9,1505)	1:43:A:MET:HE3	1:46:A:ASN:HB2	5	0.93
(9,1352)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	2	0.93
(9,1352)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	2	0.93
(9,1352)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	2	0.93
(9,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	11	0.93
(9,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	11	0.93
(9,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	11	0.93
(9,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	11	0.93
(9,780)	1:11:A:ILE:HD11	1:52:A:CYS:HB2	11	0.93
(9,780)	1:11:A:ILE:HD11	1:52:A:CYS:HB3	11	0.93
(9,780)	1:11:A:ILE:HD12	1:52:A:CYS:HB2	11	0.93
(9,780)	1:11:A:ILE:HD12	1:52:A:CYS:HB3	11	0.93
(9,780)	1:11:A:ILE:HD13	1:52:A:CYS:HB2	11	0.93
(9,780)	1:11:A:ILE:HD13	1:52:A:CYS:HB3	11	0.93
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB2	15	0.93
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB3	15	0.93
(7,2424)	1:134:A:VAL:HG11	1:137:A:SER:HB2	17	0.93
(7,2424)	1:134:A:VAL:HG11	1:137:A:SER:HB3	17	0.93
(7,2424)	1:134:A:VAL:HG12	1:137:A:SER:HB2	17	0.93
(7,2424)	1:134:A:VAL:HG12	1:137:A:SER:HB3	17	0.93
(7,2424)	1:134:A:VAL:HG13	1:137:A:SER:HB2	17	0.93
(7,2424)	1:134:A:VAL:HG13	1:137:A:SER:HB3	17	0.93
(7,2424)	1:134:A:VAL:HG21	1:137:A:SER:HB2	17	0.93
(7,2424)	1:134:A:VAL:HG21	1:137:A:SER:HB3	17	0.93
(7,2424)	1:134:A:VAL:HG22	1:137:A:SER:HB2	17	0.93
(7,2424)	1:134:A:VAL:HG22	1:137:A:SER:HB3	17	0.93
(7,2424)	1:134:A:VAL:HG23	1:137:A:SER:HB2	17	0.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2424)	1:134:A:VAL:HG23	1:137:A:SER:HB3	17	0.93
(7,2251)	1:79:A:THR:HG21	1:81:A:GLU:HB2	7	0.93
(7,2251)	1:79:A:THR:HG21	1:81:A:GLU:HB3	7	0.93
(7,2251)	1:79:A:THR:HG22	1:81:A:GLU:HB2	7	0.93
(7,2251)	1:79:A:THR:HG22	1:81:A:GLU:HB3	7	0.93
(7,2251)	1:79:A:THR:HG23	1:81:A:GLU:HB2	7	0.93
(7,2251)	1:79:A:THR:HG23	1:81:A:GLU:HB3	7	0.93
(7,2197)	1:63:A:ILE:HG12	1:117:A:VAL:H	3	0.93
(7,2197)	1:63:A:ILE:HG13	1:117:A:VAL:H	3	0.93
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD1	15	0.93
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD2	15	0.93
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD1	15	0.93
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD2	15	0.93
(7,2042)	1:35:A:LEU:HD11	1:38:A:GLU:H	18	0.93
(7,2042)	1:35:A:LEU:HD12	1:38:A:GLU:H	18	0.93
(7,2042)	1:35:A:LEU:HD13	1:38:A:GLU:H	18	0.93
(7,2042)	1:35:A:LEU:HD21	1:38:A:GLU:H	18	0.93
(7,2042)	1:35:A:LEU:HD22	1:38:A:GLU:H	18	0.93
(7,2042)	1:35:A:LEU:HD23	1:38:A:GLU:H	18	0.93
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD11	10	0.93
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD12	10	0.93
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD13	10	0.93
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD21	10	0.93
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD22	10	0.93
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD23	10	0.93
(7,1997)	1:23:A:LEU:HD11	1:27:A:ARG:HA	8	0.93
(7,1997)	1:23:A:LEU:HD12	1:27:A:ARG:HA	8	0.93
(7,1997)	1:23:A:LEU:HD13	1:27:A:ARG:HA	8	0.93
(7,1997)	1:23:A:LEU:HD21	1:27:A:ARG:HA	8	0.93
(7,1997)	1:23:A:LEU:HD22	1:27:A:ARG:HA	8	0.93
(7,1997)	1:23:A:LEU:HD23	1:27:A:ARG:HA	8	0.93
(7,1782)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	14	0.93
(7,1782)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	14	0.93
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	18	0.93
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	18	0.93
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	18	0.93
(7,851)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	13	0.93
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	13	0.93
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	13	0.93
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	13	0.93
(7,688)	1:54:A:ARG:HD2	1:56:A:CYS:H	7	0.93
(7,688)	1:54:A:ARG:HD3	1:56:A:CYS:H	7	0.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,588)	1:70:A:LYS:HB2	1:75:A:GLY:H	8	0.93
(7,588)	1:70:A:LYS:HB3	1:75:A:GLY:H	8	0.93
(7,484)	1:145:A:PRO:HB3	1:148:A:CYS:H	19	0.93
(7,407)	1:119:A:LEU:H	1:119:A:LEU:HG	1	0.93
(7,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	16	0.93
(6,2079)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	3	0.93
(6,2079)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	3	0.93
(6,2079)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	3	0.93
(6,2079)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	3	0.93
(6,2079)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	3	0.93
(6,2079)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	3	0.93
(6,1984)	1:12:A:VAL:HG11	1:43:A:MET:HB2	18	0.93
(6,1984)	1:12:A:VAL:HG11	1:43:A:MET:HB3	18	0.93
(6,1984)	1:12:A:VAL:HG12	1:43:A:MET:HB2	18	0.93
(6,1984)	1:12:A:VAL:HG12	1:43:A:MET:HB3	18	0.93
(6,1984)	1:12:A:VAL:HG13	1:43:A:MET:HB2	18	0.93
(6,1984)	1:12:A:VAL:HG13	1:43:A:MET:HB3	18	0.93
(6,1984)	1:12:A:VAL:HG21	1:43:A:MET:HB2	18	0.93
(6,1984)	1:12:A:VAL:HG21	1:43:A:MET:HB3	18	0.93
(6,1984)	1:12:A:VAL:HG22	1:43:A:MET:HB2	18	0.93
(6,1984)	1:12:A:VAL:HG22	1:43:A:MET:HB3	18	0.93
(6,1984)	1:12:A:VAL:HG23	1:43:A:MET:HB2	18	0.93
(6,1984)	1:12:A:VAL:HG23	1:43:A:MET:HB3	18	0.93
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	6	0.93
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	6	0.93
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	6	0.93
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	6	0.93
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	6	0.93
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	6	0.93
(6,1798)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	10	0.93
(6,1798)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	10	0.93
(6,1798)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	10	0.93
(6,1798)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	10	0.93
(6,1650)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	7	0.93
(6,1650)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	7	0.93
(6,1650)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	7	0.93
(6,1336)	1:105:A:LYS:HG2	1:106:A:ASP:HA	4	0.93
(6,788)	1:63:A:ILE:HD11	1:117:A:VAL:HB	7	0.93
(6,788)	1:63:A:ILE:HD12	1:117:A:VAL:HB	7	0.93
(6,788)	1:63:A:ILE:HD13	1:117:A:VAL:HB	7	0.93
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	13	0.93
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	13	0.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	13	0.93
(6,687)	1:54:A:ARG:HD2	1:56:A:CYS:H	7	0.93
(6,687)	1:54:A:ARG:HD3	1:56:A:CYS:H	7	0.93
(6,217)	1:44:A:GLU:HG2	1:48:A:ARG:H	16	0.93
(6,152)	1:67:A:PRO:HD3	1:95:A:ILE:H	4	0.93
(5,2059)	1:35:A:LEU:HD11	1:38:A:GLU:H	18	0.93
(5,2059)	1:35:A:LEU:HD12	1:38:A:GLU:H	18	0.93
(5,2059)	1:35:A:LEU:HD13	1:38:A:GLU:H	18	0.93
(5,2059)	1:35:A:LEU:HD21	1:38:A:GLU:H	18	0.93
(5,2059)	1:35:A:LEU:HD22	1:38:A:GLU:H	18	0.93
(5,2059)	1:35:A:LEU:HD23	1:38:A:GLU:H	18	0.93
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD11	15	0.93
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD12	15	0.93
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD13	15	0.93
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	2	0.93
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	2	0.93
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	2	0.93
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	2	0.93
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	2	0.93
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	2	0.93
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	3	0.93
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	3	0.93
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	3	0.93
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	3	0.93
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	3	0.93
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	3	0.93
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	18	0.93
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	18	0.93
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	18	0.93
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	18	0.93
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	18	0.93
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	18	0.93
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD2	14	0.93
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD3	14	0.93
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD2	16	0.93
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD3	16	0.93
(5,967)	1:11:A:ILE:HD11	1:43:A:MET:HB2	15	0.93
(5,967)	1:11:A:ILE:HD12	1:43:A:MET:HB2	15	0.93
(5,967)	1:11:A:ILE:HD13	1:43:A:MET:HB2	15	0.93
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	6	0.93
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	6	0.93
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	6	0.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	6	0.93
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	6	0.93
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	6	0.93
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	6	0.93
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	6	0.93
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	6	0.93
(5,692)	1:54:A:ARG:HD2	1:56:A:CYS:H	7	0.93
(5,692)	1:54:A:ARG:HD3	1:56:A:CYS:H	7	0.93
(5,229)	1:10:A:ASN:H	1:14:A:VAL:HG21	4	0.93
(5,229)	1:10:A:ASN:H	1:14:A:VAL:HG22	4	0.93
(5,229)	1:10:A:ASN:H	1:14:A:VAL:HG23	4	0.93
(5,228)	1:112:A:GLN:HG2	1:114:A:ILE:H	14	0.93
(5,228)	1:112:A:GLN:HG3	1:114:A:ILE:H	14	0.93
(5,185)	1:44:A:GLU:H	1:44:A:GLU:HG3	4	0.93
(5,147)	1:67:A:PRO:HD3	1:95:A:ILE:H	4	0.93
(4,2202)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	7	0.93
(4,2202)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	7	0.93
(4,2202)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	7	0.93
(4,2202)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	7	0.93
(4,2202)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	7	0.93
(4,2202)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	7	0.93
(4,2202)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	7	0.93
(4,2202)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	7	0.93
(4,2202)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	7	0.93
(4,2202)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	7	0.93
(4,2202)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	7	0.93
(4,2202)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	7	0.93
(4,2202)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	7	0.93
(4,2202)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	7	0.93
(4,2202)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	7	0.93
(4,2202)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	7	0.93
(4,2202)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	7	0.93
(4,2202)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	7	0.93
(4,2202)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	7	0.93
(4,2202)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	7	0.93
(4,2202)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	7	0.93
(4,2202)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	7	0.93
(4,2202)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	7	0.93
(4,2202)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	7	0.93
(4,2202)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	7	0.93
(4,2202)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	7	0.93
(4,2202)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	7	0.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2202)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	7	0.93
(4,2202)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	7	0.93
(4,2202)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	7	0.93
(4,2202)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	7	0.93
(4,2202)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	7	0.93
(4,2202)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	7	0.93
(4,2202)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	7	0.93
(4,2202)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	7	0.93
(4,2202)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	7	0.93
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG11	12	0.93
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG12	12	0.93
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG13	12	0.93
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG21	12	0.93
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG22	12	0.93
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG23	12	0.93
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG11	12	0.93
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG12	12	0.93
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG13	12	0.93
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG21	12	0.93
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG22	12	0.93
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG23	12	0.93
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG11	12	0.93
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG12	12	0.93
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG13	12	0.93
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG21	12	0.93
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG22	12	0.93
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG23	12	0.93
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD11	16	0.93
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD12	16	0.93
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD13	16	0.93
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD21	16	0.93
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD22	16	0.93
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD23	16	0.93
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD11	16	0.93
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD12	16	0.93
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD13	16	0.93
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD21	16	0.93
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD22	16	0.93
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD23	16	0.93
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD11	16	0.93
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD12	16	0.93
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD13	16	0.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD21	16	0.93
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD22	16	0.93
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD23	16	0.93
(4,1886)	1:35:A:LEU:HG	1:80:A:TYR:HE1	13	0.93
(4,1886)	1:35:A:LEU:HG	1:80:A:TYR:HE2	13	0.93
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD21	4	0.93
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD22	4	0.93
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD23	4	0.93
(4,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	11	0.93
(4,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	11	0.93
(4,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	11	0.93
(4,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	11	0.93
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	13	0.93
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	13	0.93
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	13	0.93
(4,683)	1:54:A:ARG:HD2	1:56:A:CYS:H	7	0.93
(4,683)	1:54:A:ARG:HD3	1:56:A:CYS:H	7	0.93
(4,304)	1:64:A:LYS:HD2	1:65:A:CYS:H	19	0.93
(4,304)	1:64:A:LYS:HD3	1:65:A:CYS:H	19	0.93
(3,2465)	1:134:A:VAL:HG11	1:137:A:SER:H	3	0.93
(3,2465)	1:134:A:VAL:HG12	1:137:A:SER:H	3	0.93
(3,2465)	1:134:A:VAL:HG13	1:137:A:SER:H	3	0.93
(3,2465)	1:134:A:VAL:HG21	1:137:A:SER:H	3	0.93
(3,2465)	1:134:A:VAL:HG22	1:137:A:SER:H	3	0.93
(3,2465)	1:134:A:VAL:HG23	1:137:A:SER:H	3	0.93
(3,2252)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	3	0.93
(3,2252)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	3	0.93
(3,2252)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	3	0.93
(3,2252)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	3	0.93
(3,1946)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	13	0.93
(3,1946)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	13	0.93
(3,1946)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	13	0.93
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD1	5	0.93
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD2	5	0.93
(3,1271)	1:40:A:LEU:HA	1:40:A:LEU:HD21	4	0.93
(3,1271)	1:40:A:LEU:HA	1:40:A:LEU:HD22	4	0.93
(3,1271)	1:40:A:LEU:HA	1:40:A:LEU:HD23	4	0.93
(3,863)	1:43:A:MET:HE1	1:144:A:LEU:HB3	17	0.93
(3,863)	1:43:A:MET:HE2	1:144:A:LEU:HB3	17	0.93
(3,863)	1:43:A:MET:HE3	1:144:A:LEU:HB3	17	0.93
(3,698)	1:54:A:ARG:HD2	1:56:A:CYS:H	7	0.93
(3,698)	1:54:A:ARG:HD3	1:56:A:CYS:H	7	0.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,425)	1:100:A:ALA:H	1:119:A:LEU:HB3	19	0.93
(3,1)	1:39:A:VAL:HG21	1:143:A:TRP:HE1	1	0.93
(3,1)	1:39:A:VAL:HG22	1:143:A:TRP:HE1	1	0.93
(3,1)	1:39:A:VAL:HG23	1:143:A:TRP:HE1	1	0.93
(2,2147)	1:40:A:LEU:HD11	1:45:A:ALA:H	15	0.93
(2,2147)	1:40:A:LEU:HD12	1:45:A:ALA:H	15	0.93
(2,2147)	1:40:A:LEU:HD13	1:45:A:ALA:H	15	0.93
(2,2147)	1:40:A:LEU:HD21	1:45:A:ALA:H	15	0.93
(2,2147)	1:40:A:LEU:HD22	1:45:A:ALA:H	15	0.93
(2,2147)	1:40:A:LEU:HD23	1:45:A:ALA:H	15	0.93
(2,2095)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	3	0.93
(2,2095)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	3	0.93
(2,2095)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	3	0.93
(2,2095)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	3	0.93
(2,2095)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	3	0.93
(2,2095)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	3	0.93
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD11	12	0.93
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD12	12	0.93
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD13	12	0.93
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD21	12	0.93
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD22	12	0.93
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD23	12	0.93
(2,1662)	1:47:A:ALA:H	1:134:A:VAL:HG11	8	0.93
(2,1662)	1:47:A:ALA:H	1:134:A:VAL:HG12	8	0.93
(2,1662)	1:47:A:ALA:H	1:134:A:VAL:HG13	8	0.93
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	8	0.93
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	8	0.93
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	8	0.93
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	8	0.93
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	8	0.93
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	8	0.93
(2,1036)	1:11:A:ILE:HA	1:14:A:VAL:HB	4	0.93
(2,968)	1:47:A:ALA:HB1	1:134:A:VAL:HB	13	0.93
(2,968)	1:47:A:ALA:HB2	1:134:A:VAL:HB	13	0.93
(2,968)	1:47:A:ALA:HB3	1:134:A:VAL:HB	13	0.93
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	13	0.93
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	13	0.93
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	13	0.93
(2,622)	1:40:A:LEU:H	1:43:A:MET:HG3	11	0.93
(2,72)	1:54:A:ARG:H	1:54:A:ARG:HE	18	0.93
(1,2403)	1:134:A:VAL:HG11	1:137:A:SER:HB2	17	0.93
(1,2403)	1:134:A:VAL:HG11	1:137:A:SER:HB3	17	0.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2403)	1:134:A:VAL:HG12	1:137:A:SER:HB2	17	0.93
(1,2403)	1:134:A:VAL:HG12	1:137:A:SER:HB3	17	0.93
(1,2403)	1:134:A:VAL:HG13	1:137:A:SER:HB2	17	0.93
(1,2403)	1:134:A:VAL:HG13	1:137:A:SER:HB3	17	0.93
(1,2403)	1:134:A:VAL:HG21	1:137:A:SER:HB2	17	0.93
(1,2403)	1:134:A:VAL:HG21	1:137:A:SER:HB3	17	0.93
(1,2403)	1:134:A:VAL:HG22	1:137:A:SER:HB2	17	0.93
(1,2403)	1:134:A:VAL:HG22	1:137:A:SER:HB3	17	0.93
(1,2403)	1:134:A:VAL:HG23	1:137:A:SER:HB2	17	0.93
(1,2403)	1:134:A:VAL:HG23	1:137:A:SER:HB3	17	0.93
(1,2073)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	3	0.93
(1,2073)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	3	0.93
(1,2073)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	3	0.93
(1,2073)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	3	0.93
(1,2073)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	3	0.93
(1,2073)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	3	0.93
(1,1882)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	17	0.93
(1,1882)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	17	0.93
(1,1035)	1:113:A:PHE:HA	1:116:A:GLN:HG3	2	0.93
(1,989)	1:43:A:MET:HB2	1:140:A:LEU:HD11	9	0.93
(1,989)	1:43:A:MET:HB2	1:140:A:LEU:HD12	9	0.93
(1,989)	1:43:A:MET:HB2	1:140:A:LEU:HD13	9	0.93
(1,701)	1:54:A:ARG:HD2	1:56:A:CYS:H	7	0.93
(1,701)	1:54:A:ARG:HD3	1:56:A:CYS:H	7	0.93
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD1	9	0.93
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD2	9	0.93
(34,2277)	1:79:A:THR:HG21	1:81:A:GLU:HB2	14	0.92
(34,2277)	1:79:A:THR:HG21	1:81:A:GLU:HB3	14	0.92
(34,2277)	1:79:A:THR:HG22	1:81:A:GLU:HB2	14	0.92
(34,2277)	1:79:A:THR:HG22	1:81:A:GLU:HB3	14	0.92
(34,2277)	1:79:A:THR:HG23	1:81:A:GLU:HB2	14	0.92
(34,2277)	1:79:A:THR:HG23	1:81:A:GLU:HB3	14	0.92
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	10	0.92
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	10	0.92
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	10	0.92
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	10	0.92
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	10	0.92
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	10	0.92
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	10	0.92
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	10	0.92
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	10	0.92
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	10	0.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	10	0.92
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	10	0.92
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	10	0.92
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	10	0.92
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	10	0.92
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	10	0.92
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	10	0.92
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	10	0.92
(34,2141)	1:40:A:LEU:HD11	1:44:A:GLU:HG2	15	0.92
(34,2141)	1:40:A:LEU:HD12	1:44:A:GLU:HG2	15	0.92
(34,2141)	1:40:A:LEU:HD13	1:44:A:GLU:HG2	15	0.92
(34,2141)	1:40:A:LEU:HD21	1:44:A:GLU:HG2	15	0.92
(34,2141)	1:40:A:LEU:HD22	1:44:A:GLU:HG2	15	0.92
(34,2141)	1:40:A:LEU:HD23	1:44:A:GLU:HG2	15	0.92
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD11	17	0.92
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD12	17	0.92
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD13	17	0.92
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD21	17	0.92
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD22	17	0.92
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD23	17	0.92
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD11	17	0.92
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD12	17	0.92
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD13	17	0.92
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD21	17	0.92
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD22	17	0.92
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD23	17	0.92
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD11	17	0.92
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD12	17	0.92
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD13	17	0.92
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD21	17	0.92
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD22	17	0.92
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD23	17	0.92
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD11	17	0.92
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD12	17	0.92
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD13	17	0.92
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD21	17	0.92
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD22	17	0.92
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD23	17	0.92
(34,1975)	1:12:A:VAL:HG11	1:43:A:MET:HB3	5	0.92
(34,1975)	1:12:A:VAL:HG12	1:43:A:MET:HB3	5	0.92
(34,1975)	1:12:A:VAL:HG13	1:43:A:MET:HB3	5	0.92
(34,1975)	1:12:A:VAL:HG21	1:43:A:MET:HB3	5	0.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1975)	1:12:A:VAL:HG22	1:43:A:MET:HB3	5	0.92
(34,1975)	1:12:A:VAL:HG23	1:43:A:MET:HB3	5	0.92
(34,1875)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	16	0.92
(34,1875)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	16	0.92
(34,1500)	1:101:A:ILE:HG21	1:104:A:PHE:HA	19	0.92
(34,1500)	1:101:A:ILE:HG22	1:104:A:PHE:HA	19	0.92
(34,1500)	1:101:A:ILE:HG23	1:104:A:PHE:HA	19	0.92
(34,1347)	1:106:A:ASP:HA	1:112:A:GLN:HE21	4	0.92
(34,1294)	1:11:A:ILE:HG21	1:15:A:ALA:HA	17	0.92
(34,1294)	1:11:A:ILE:HG22	1:15:A:ALA:HA	17	0.92
(34,1294)	1:11:A:ILE:HG23	1:15:A:ALA:HA	17	0.92
(34,1294)	1:11:A:ILE:HG21	1:15:A:ALA:HA	19	0.92
(34,1294)	1:11:A:ILE:HG22	1:15:A:ALA:HA	19	0.92
(34,1294)	1:11:A:ILE:HG23	1:15:A:ALA:HA	19	0.92
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD21	3	0.92
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD22	3	0.92
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD23	3	0.92
(33,2288)	1:79:A:THR:HG21	1:81:A:GLU:HB2	18	0.92
(33,2288)	1:79:A:THR:HG21	1:81:A:GLU:HB3	18	0.92
(33,2288)	1:79:A:THR:HG22	1:81:A:GLU:HB2	18	0.92
(33,2288)	1:79:A:THR:HG22	1:81:A:GLU:HB3	18	0.92
(33,2288)	1:79:A:THR:HG23	1:81:A:GLU:HB2	18	0.92
(33,2288)	1:79:A:THR:HG23	1:81:A:GLU:HB3	18	0.92
(33,2040)	1:23:A:LEU:HD11	1:26:A:ASP:HA	17	0.92
(33,2040)	1:23:A:LEU:HD12	1:26:A:ASP:HA	17	0.92
(33,2040)	1:23:A:LEU:HD13	1:26:A:ASP:HA	17	0.92
(33,2040)	1:23:A:LEU:HD21	1:26:A:ASP:HA	17	0.92
(33,2040)	1:23:A:LEU:HD22	1:26:A:ASP:HA	17	0.92
(33,2040)	1:23:A:LEU:HD23	1:26:A:ASP:HA	17	0.92
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	7	0.92
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	7	0.92
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	7	0.92
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	7	0.92
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	7	0.92
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	7	0.92
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	7	0.92
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	7	0.92
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	7	0.92
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	7	0.92
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	7	0.92
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	7	0.92
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	2	0.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	2	0.92
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	2	0.92
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG21	19	0.92
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG22	19	0.92
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG23	19	0.92
(33,1600)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	8	0.92
(33,1600)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	8	0.92
(33,1600)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	8	0.92
(33,1600)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	8	0.92
(33,1600)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	8	0.92
(33,1600)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	8	0.92
(33,1476)	1:101:A:ILE:HG21	1:104:A:PHE:HA	19	0.92
(33,1476)	1:101:A:ILE:HG22	1:104:A:PHE:HA	19	0.92
(33,1476)	1:101:A:ILE:HG23	1:104:A:PHE:HA	19	0.92
(33,1470)	1:95:A:ILE:HG21	1:97:A:ASP:H	4	0.92
(33,1470)	1:95:A:ILE:HG22	1:97:A:ASP:H	4	0.92
(33,1470)	1:95:A:ILE:HG23	1:97:A:ASP:H	4	0.92
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	17	0.92
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	17	0.92
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	17	0.92
(33,742)	1:105:A:LYS:HG3	1:112:A:GLN:HE22	8	0.92
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG11	12	0.92
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG12	12	0.92
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG13	12	0.92
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG21	12	0.92
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG22	12	0.92
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG23	12	0.92
(32,2289)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	19	0.92
(32,2289)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	19	0.92
(32,2289)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	19	0.92
(32,2289)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	19	0.92
(32,2289)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	19	0.92
(32,2289)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	19	0.92
(32,2289)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	19	0.92
(32,2289)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	19	0.92
(32,2289)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	19	0.92
(32,2289)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	19	0.92
(32,2289)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	19	0.92
(32,2289)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	19	0.92
(32,2252)	1:70:A:LYS:HG2	1:71:A:LYS:H	5	0.92
(32,2252)	1:70:A:LYS:HG3	1:71:A:LYS:H	5	0.92
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	1	0.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	1	0.92
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	1	0.92
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	1	0.92
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	1	0.92
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	1	0.92
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	1	0.92
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	1	0.92
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	1	0.92
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	1	0.92
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	1	0.92
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	1	0.92
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD11	8	0.92
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD12	8	0.92
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD13	8	0.92
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD21	8	0.92
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD22	8	0.92
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD23	8	0.92
(32,2007)	1:23:A:LEU:HD11	1:26:A:ASP:HA	17	0.92
(32,2007)	1:23:A:LEU:HD12	1:26:A:ASP:HA	17	0.92
(32,2007)	1:23:A:LEU:HD13	1:26:A:ASP:HA	17	0.92
(32,2007)	1:23:A:LEU:HD21	1:26:A:ASP:HA	17	0.92
(32,2007)	1:23:A:LEU:HD22	1:26:A:ASP:HA	17	0.92
(32,2007)	1:23:A:LEU:HD23	1:26:A:ASP:HA	17	0.92
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	11	0.92
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	11	0.92
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	11	0.92
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	11	0.92
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	11	0.92
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	11	0.92
(32,1816)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	8	0.92
(32,1816)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	8	0.92
(32,1816)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	8	0.92
(32,1816)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	8	0.92
(32,1816)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	8	0.92
(32,1816)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	8	0.92
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG21	19	0.92
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG22	19	0.92
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG23	19	0.92
(32,701)	1:44:A:GLU:HB2	1:54:A:ARG:HE	18	0.92
(32,701)	1:44:A:GLU:HB3	1:54:A:ARG:HE	18	0.92
(30,2257)	1:70:A:LYS:HG2	1:71:A:LYS:H	6	0.92
(30,2257)	1:70:A:LYS:HG3	1:71:A:LYS:H	6	0.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	1	0.92
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	1	0.92
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	1	0.92
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	1	0.92
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	1	0.92
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	1	0.92
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	1	0.92
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	1	0.92
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	1	0.92
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	1	0.92
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	1	0.92
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	1	0.92
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD11	14	0.92
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD12	14	0.92
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD13	14	0.92
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD11	14	0.92
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD12	14	0.92
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD13	14	0.92
(30,2134)	1:39:A:VAL:HG11	1:144:A:LEU:H	9	0.92
(30,2134)	1:39:A:VAL:HG12	1:144:A:LEU:H	9	0.92
(30,2134)	1:39:A:VAL:HG13	1:144:A:LEU:H	9	0.92
(30,2134)	1:39:A:VAL:HG21	1:144:A:LEU:H	9	0.92
(30,2134)	1:39:A:VAL:HG22	1:144:A:LEU:H	9	0.92
(30,2134)	1:39:A:VAL:HG23	1:144:A:LEU:H	9	0.92
(30,1710)	1:141:A:LYS:HA	1:145:A:PRO:HD3	10	0.92
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG11	19	0.92
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG12	19	0.92
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG13	19	0.92
(30,1483)	1:101:A:ILE:HG21	1:104:A:PHE:HA	19	0.92
(30,1483)	1:101:A:ILE:HG22	1:104:A:PHE:HA	19	0.92
(30,1483)	1:101:A:ILE:HG23	1:104:A:PHE:HA	19	0.92
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	17	0.92
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	17	0.92
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	17	0.92
(30,856)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	3	0.92
(30,856)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	3	0.92
(30,716)	1:44:A:GLU:HB2	1:54:A:ARG:HE	18	0.92
(30,716)	1:44:A:GLU:HB3	1:54:A:ARG:HE	18	0.92
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD21	3	0.92
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD22	3	0.92
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD23	3	0.92
(29,2395)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	1	0.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2395)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	1	0.92
(29,2395)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	1	0.92
(29,2395)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	1	0.92
(29,2395)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	1	0.92
(29,2395)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	1	0.92
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD11	8	0.92
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD12	8	0.92
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD13	8	0.92
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD21	8	0.92
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD22	8	0.92
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD23	8	0.92
(29,2031)	1:16:A:SER:HB2	1:43:A:MET:HE1	14	0.92
(29,2031)	1:16:A:SER:HB2	1:43:A:MET:HE2	14	0.92
(29,2031)	1:16:A:SER:HB2	1:43:A:MET:HE3	14	0.92
(29,2031)	1:16:A:SER:HB3	1:43:A:MET:HE1	14	0.92
(29,2031)	1:16:A:SER:HB3	1:43:A:MET:HE2	14	0.92
(29,2031)	1:16:A:SER:HB3	1:43:A:MET:HE3	14	0.92
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	11	0.92
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	11	0.92
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	11	0.92
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	11	0.92
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	11	0.92
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	11	0.92
(29,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	8	0.92
(29,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	8	0.92
(29,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	8	0.92
(29,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	8	0.92
(29,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	8	0.92
(29,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	8	0.92
(29,1443)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	17	0.92
(29,1443)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	17	0.92
(29,1443)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	17	0.92
(29,970)	1:15:A:ALA:HB1	1:43:A:MET:HB2	2	0.92
(29,970)	1:15:A:ALA:HB2	1:43:A:MET:HB2	2	0.92
(29,970)	1:15:A:ALA:HB3	1:43:A:MET:HB2	2	0.92
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	9	0.92
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	9	0.92
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	9	0.92
(29,775)	1:53:A:THR:H	1:124:A:THR:HG21	19	0.92
(29,775)	1:53:A:THR:H	1:124:A:THR:HG22	19	0.92
(29,775)	1:53:A:THR:H	1:124:A:THR:HG23	19	0.92
(29,726)	1:44:A:GLU:HB2	1:54:A:ARG:HE	18	0.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,726)	1:44:A:GLU:HB3	1:54:A:ARG:HE	18	0.92
(29,33)	1:95:A:ILE:HA	1:96:A:VAL:H	17	0.92
(22,37)	1:120:A:CYS:H	1:116:A:GLN:C	10	0.92
(22,37)	1:120:A:CYS:H	1:116:A:GLN:C	11	0.92
(22,29)	1:116:A:GLN:H	1:112:A:GLN:C	1	0.92
(22,23)	1:113:A:PHE:H	1:109:A:PRO:C	5	0.92
(22,21)	1:107:A:LEU:H	1:103:A:ARG:C	7	0.92
(20,4)	1:52:A:CYS:SG	1:123:A:CYS:SG	9	0.92
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD11	8	0.92
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD12	8	0.92
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD13	8	0.92
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD21	8	0.92
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD22	8	0.92
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD23	8	0.92
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD11	3	0.92
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD12	3	0.92
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD13	3	0.92
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD21	3	0.92
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD22	3	0.92
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD23	3	0.92
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD11	18	0.92
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD12	18	0.92
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD13	18	0.92
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD21	18	0.92
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD22	18	0.92
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD23	18	0.92
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD11	17	0.92
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD12	17	0.92
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD13	17	0.92
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD21	17	0.92
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD22	17	0.92
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD23	17	0.92
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD11	17	0.92
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD12	17	0.92
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD13	17	0.92
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD21	17	0.92
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD22	17	0.92
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD23	17	0.92
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD11	17	0.92
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD12	17	0.92
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD13	17	0.92
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD21	17	0.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD22	17	0.92
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD23	17	0.92
(18,1898)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	11	0.92
(18,1898)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	11	0.92
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	2	0.92
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	2	0.92
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	2	0.92
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	2	0.92
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	2	0.92
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	2	0.92
(18,942)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	5	0.92
(18,942)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	5	0.92
(18,849)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	9	0.92
(18,322)	1:11:A:ILE:HD11	1:43:A:MET:H	18	0.92
(18,322)	1:11:A:ILE:HD12	1:43:A:MET:H	18	0.92
(18,322)	1:11:A:ILE:HD13	1:43:A:MET:H	18	0.92
(17,2049)	1:23:A:LEU:HB2	1:146:A:GLN:HG2	17	0.92
(17,2049)	1:23:A:LEU:HB2	1:146:A:GLN:HG3	17	0.92
(17,2049)	1:23:A:LEU:HB3	1:146:A:GLN:HG2	17	0.92
(17,2049)	1:23:A:LEU:HB3	1:146:A:GLN:HG3	17	0.92
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	11	0.92
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	11	0.92
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	11	0.92
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	11	0.92
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	11	0.92
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	11	0.92
(17,1674)	1:69:A:MET:HE1	1:116:A:GLN:HG3	9	0.92
(17,1674)	1:69:A:MET:HE2	1:116:A:GLN:HG3	9	0.92
(17,1674)	1:69:A:MET:HE3	1:116:A:GLN:HG3	9	0.92
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	8	0.92
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	8	0.92
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	8	0.92
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	8	0.92
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	8	0.92
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	8	0.92
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	8	0.92
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	8	0.92
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	8	0.92
(17,1506)	1:101:A:ILE:HG21	1:104:A:PHE:HA	19	0.92
(17,1506)	1:101:A:ILE:HG22	1:104:A:PHE:HA	19	0.92
(17,1506)	1:101:A:ILE:HG23	1:104:A:PHE:HA	19	0.92
(17,867)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	1	0.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	3	0.92
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	3	0.92
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	3	0.92
(17,160)	1:127:A:CYS:H	1:128:A:LEU:HG	2	0.92
(16,2353)	1:113:A:PHE:HD1	1:116:A:GLN:HG2	16	0.92
(16,2353)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	16	0.92
(16,2353)	1:113:A:PHE:HD2	1:116:A:GLN:HG2	16	0.92
(16,2353)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	16	0.92
(16,2239)	1:69:A:MET:HG2	1:76:A:ARG:HB3	2	0.92
(16,2239)	1:69:A:MET:HG3	1:76:A:ARG:HB3	2	0.92
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD11	8	0.92
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD12	8	0.92
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD13	8	0.92
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD21	8	0.92
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD22	8	0.92
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD23	8	0.92
(16,1985)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	1	0.92
(16,1985)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	1	0.92
(16,1985)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	1	0.92
(16,1985)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	1	0.92
(16,1985)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	1	0.92
(16,1985)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	1	0.92
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD11	7	0.92
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD12	7	0.92
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD13	7	0.92
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD21	7	0.92
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD22	7	0.92
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD23	7	0.92
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	11	0.92
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	11	0.92
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	11	0.92
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	11	0.92
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	11	0.92
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	11	0.92
(16,1763)	1:95:A:ILE:HB	1:97:A:ASP:HB2	11	0.92
(16,1763)	1:95:A:ILE:HB	1:97:A:ASP:HB3	11	0.92
(16,1484)	1:101:A:ILE:HG21	1:104:A:PHE:HA	19	0.92
(16,1484)	1:101:A:ILE:HG22	1:104:A:PHE:HA	19	0.92
(16,1484)	1:101:A:ILE:HG23	1:104:A:PHE:HA	19	0.92
(16,1061)	1:11:A:ILE:HA	1:14:A:VAL:HB	14	0.92
(16,1013)	1:35:A:LEU:HG	1:143:A:TRP:HB3	14	0.92
(16,944)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	3	0.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,944)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	3	0.92
(16,884)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	3	0.92
(16,884)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	3	0.92
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD11	7	0.92
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD12	7	0.92
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD13	7	0.92
(16,90)	1:96:A:VAL:H	1:97:A:ASP:H	18	0.92
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG11	12	0.92
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG12	12	0.92
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG13	12	0.92
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG21	12	0.92
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG22	12	0.92
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG23	12	0.92
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG2	2	0.92
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG3	2	0.92
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG2	4	0.92
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG3	4	0.92
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG2	13	0.92
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG3	13	0.92
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD11	17	0.92
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD12	17	0.92
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD13	17	0.92
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD21	17	0.92
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD22	17	0.92
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD23	17	0.92
(15,1892)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	2	0.92
(15,1476)	1:101:A:ILE:HG21	1:104:A:PHE:HA	19	0.92
(15,1476)	1:101:A:ILE:HG22	1:104:A:PHE:HA	19	0.92
(15,1476)	1:101:A:ILE:HG23	1:104:A:PHE:HA	19	0.92
(15,992)	1:12:A:VAL:HB	1:40:A:LEU:H	8	0.92
(15,844)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	9	0.92
(15,164)	1:127:A:CYS:H	1:128:A:LEU:HG	2	0.92
(13,2249)	1:79:A:THR:HG21	1:81:A:GLU:HB2	14	0.92
(13,2249)	1:79:A:THR:HG21	1:81:A:GLU:HB3	14	0.92
(13,2249)	1:79:A:THR:HG22	1:81:A:GLU:HB2	14	0.92
(13,2249)	1:79:A:THR:HG22	1:81:A:GLU:HB3	14	0.92
(13,2249)	1:79:A:THR:HG23	1:81:A:GLU:HB2	14	0.92
(13,2249)	1:79:A:THR:HG23	1:81:A:GLU:HB3	14	0.92
(13,2195)	1:65:A:CYS:HB2	1:69:A:MET:HE1	12	0.92
(13,2195)	1:65:A:CYS:HB2	1:69:A:MET:HE2	12	0.92
(13,2195)	1:65:A:CYS:HB2	1:69:A:MET:HE3	12	0.92
(13,2195)	1:65:A:CYS:HB3	1:69:A:MET:HE1	12	0.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2195)	1:65:A:CYS:HB3	1:69:A:MET:HE2	12	0.92
(13,2195)	1:65:A:CYS:HB3	1:69:A:MET:HE3	12	0.92
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG11	16	0.92
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG12	16	0.92
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG13	16	0.92
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG21	16	0.92
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG22	16	0.92
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG23	16	0.92
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	1	0.92
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	1	0.92
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	1	0.92
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	1	0.92
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	1	0.92
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	1	0.92
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	1	0.92
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	1	0.92
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	1	0.92
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	1	0.92
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	1	0.92
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	1	0.92
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD11	8	0.92
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD12	8	0.92
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD13	8	0.92
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD21	8	0.92
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD22	8	0.92
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD23	8	0.92
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD11	17	0.92
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD12	17	0.92
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD13	17	0.92
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD21	17	0.92
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD22	17	0.92
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD23	17	0.92
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD11	17	0.92
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD12	17	0.92
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD13	17	0.92
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD21	17	0.92
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD22	17	0.92
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD23	17	0.92
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD11	17	0.92
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD12	17	0.92
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD13	17	0.92
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD21	17	0.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD22	17	0.92
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD23	17	0.92
(13,1937)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	9	0.92
(13,1937)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	9	0.92
(13,1937)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	9	0.92
(13,1937)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	9	0.92
(13,1937)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	9	0.92
(13,1937)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	9	0.92
(13,1752)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	19	0.92
(13,1752)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	19	0.92
(13,1752)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	19	0.92
(13,1752)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	19	0.92
(13,1752)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	19	0.92
(13,1752)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	19	0.92
(13,1752)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	19	0.92
(13,1752)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	19	0.92
(13,1752)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	19	0.92
(13,1752)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	19	0.92
(13,1752)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	19	0.92
(13,1752)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	19	0.92
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG11	3	0.92
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG12	3	0.92
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG13	3	0.92
(13,1597)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	19	0.92
(13,1597)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	19	0.92
(13,1597)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	19	0.92
(13,1565)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	14	0.92
(13,1565)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	14	0.92
(13,1565)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	14	0.92
(13,1565)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	14	0.92
(13,1565)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	14	0.92
(13,1565)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	14	0.92
(13,1458)	1:101:A:ILE:HG21	1:104:A:PHE:HA	19	0.92
(13,1458)	1:101:A:ILE:HG22	1:104:A:PHE:HA	19	0.92
(13,1458)	1:101:A:ILE:HG23	1:104:A:PHE:HA	19	0.92
(13,1431)	1:13:A:ALA:HB1	1:61:A:SER:HA	17	0.92
(13,1431)	1:13:A:ALA:HB2	1:61:A:SER:HA	17	0.92
(13,1431)	1:13:A:ALA:HB3	1:61:A:SER:HA	17	0.92
(13,1300)	1:106:A:ASP:HA	1:112:A:GLN:HE21	4	0.92
(13,617)	1:35:A:LEU:H	1:80:A:TYR:HB2	15	0.92
(11,2303)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	19	0.92
(11,2303)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	19	0.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2303)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	19	0.92
(11,2303)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	19	0.92
(11,2303)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	19	0.92
(11,2303)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	19	0.92
(11,2303)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	19	0.92
(11,2303)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	19	0.92
(11,2303)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	19	0.92
(11,2303)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	19	0.92
(11,2303)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	19	0.92
(11,2303)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	19	0.92
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	1	0.92
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	1	0.92
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	1	0.92
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	1	0.92
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	1	0.92
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	1	0.92
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	1	0.92
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	1	0.92
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	1	0.92
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	1	0.92
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	1	0.92
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	1	0.92
(11,2055)	1:23:A:LEU:HD11	1:26:A:ASP:HA	17	0.92
(11,2055)	1:23:A:LEU:HD12	1:26:A:ASP:HA	17	0.92
(11,2055)	1:23:A:LEU:HD13	1:26:A:ASP:HA	17	0.92
(11,2055)	1:23:A:LEU:HD21	1:26:A:ASP:HA	17	0.92
(11,2055)	1:23:A:LEU:HD22	1:26:A:ASP:HA	17	0.92
(11,2055)	1:23:A:LEU:HD23	1:26:A:ASP:HA	17	0.92
(11,1968)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	2	0.92
(11,1968)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	2	0.92
(11,1968)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	2	0.92
(11,1968)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	2	0.92
(11,1505)	1:101:A:ILE:HG21	1:104:A:PHE:HA	19	0.92
(11,1505)	1:101:A:ILE:HG22	1:104:A:PHE:HA	19	0.92
(11,1505)	1:101:A:ILE:HG23	1:104:A:PHE:HA	19	0.92
(11,1257)	1:39:A:VAL:HA	1:139:A:LEU:HD21	17	0.92
(11,1257)	1:39:A:VAL:HA	1:139:A:LEU:HD22	17	0.92
(11,1257)	1:39:A:VAL:HA	1:139:A:LEU:HD23	17	0.92
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	15	0.92
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	15	0.92
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	15	0.92
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	15	0.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	15	0.92
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	15	0.92
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	3	0.92
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	3	0.92
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	3	0.92
(11,314)	1:64:A:LYS:HD2	1:65:A:CYS:H	14	0.92
(11,314)	1:64:A:LYS:HD3	1:65:A:CYS:H	14	0.92
(11,262)	1:27:A:ARG:HB3	1:29:A:LYS:H	3	0.92
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG11	1	0.92
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG12	1	0.92
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG13	1	0.92
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG21	1	0.92
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG22	1	0.92
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG23	1	0.92
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	17	0.92
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	17	0.92
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	17	0.92
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	17	0.92
(9,1857)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	16	0.92
(9,1857)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	16	0.92
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	11	0.92
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	11	0.92
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	11	0.92
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	11	0.92
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	11	0.92
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	11	0.92
(9,1649)	1:69:A:MET:HE1	1:116:A:GLN:HG3	9	0.92
(9,1649)	1:69:A:MET:HE2	1:116:A:GLN:HG3	9	0.92
(9,1649)	1:69:A:MET:HE3	1:116:A:GLN:HG3	9	0.92
(9,1479)	1:101:A:ILE:HG21	1:104:A:PHE:HA	19	0.92
(9,1479)	1:101:A:ILE:HG22	1:104:A:PHE:HA	19	0.92
(9,1479)	1:101:A:ILE:HG23	1:104:A:PHE:HA	19	0.92
(9,1470)	1:95:A:ILE:HG21	1:97:A:ASP:H	4	0.92
(9,1470)	1:95:A:ILE:HG22	1:97:A:ASP:H	4	0.92
(9,1470)	1:95:A:ILE:HG23	1:97:A:ASP:H	4	0.92
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	17	0.92
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	17	0.92
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	17	0.92
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	3	0.92
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	3	0.92
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	3	0.92
(7,2197)	1:63:A:ILE:HG12	1:117:A:VAL:H	7	0.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2197)	1:63:A:ILE:HG13	1:117:A:VAL:H	7	0.92
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD1	1	0.92
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD2	1	0.92
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD1	1	0.92
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD2	1	0.92
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD11	16	0.92
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD12	16	0.92
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD13	16	0.92
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD21	16	0.92
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD22	16	0.92
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD23	16	0.92
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD11	8	0.92
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD12	8	0.92
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD13	8	0.92
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD21	8	0.92
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD22	8	0.92
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD23	8	0.92
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD11	18	0.92
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD12	18	0.92
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD13	18	0.92
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD21	18	0.92
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD22	18	0.92
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD23	18	0.92
(7,1997)	1:23:A:LEU:HD11	1:27:A:ARG:HA	13	0.92
(7,1997)	1:23:A:LEU:HD12	1:27:A:ARG:HA	13	0.92
(7,1997)	1:23:A:LEU:HD13	1:27:A:ARG:HA	13	0.92
(7,1997)	1:23:A:LEU:HD21	1:27:A:ARG:HA	13	0.92
(7,1997)	1:23:A:LEU:HD22	1:27:A:ARG:HA	13	0.92
(7,1997)	1:23:A:LEU:HD23	1:27:A:ARG:HA	13	0.92
(7,1994)	1:23:A:LEU:HB2	1:146:A:GLN:HG2	17	0.92
(7,1994)	1:23:A:LEU:HB2	1:146:A:GLN:HG3	17	0.92
(7,1994)	1:23:A:LEU:HB3	1:146:A:GLN:HG2	17	0.92
(7,1994)	1:23:A:LEU:HB3	1:146:A:GLN:HG3	17	0.92
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	8	0.92
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	8	0.92
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	8	0.92
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD21	8	0.92
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD22	8	0.92
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD23	8	0.92
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	8	0.92
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	8	0.92
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	8	0.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD21	8	0.92
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD22	8	0.92
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD23	8	0.92
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	8	0.92
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	8	0.92
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	8	0.92
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD21	8	0.92
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD22	8	0.92
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD23	8	0.92
(7,1836)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	16	0.92
(7,1836)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	16	0.92
(7,1831)	1:18:A:PHE:HD1	1:113:A:PHE:HE1	7	0.92
(7,1831)	1:18:A:PHE:HD1	1:113:A:PHE:HE2	7	0.92
(7,1831)	1:18:A:PHE:HD2	1:113:A:PHE:HE1	7	0.92
(7,1831)	1:18:A:PHE:HD2	1:113:A:PHE:HE2	7	0.92
(7,1785)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	15	0.92
(7,1785)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	15	0.92
(7,1785)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	15	0.92
(7,1785)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	15	0.92
(7,1785)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	15	0.92
(7,1785)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	15	0.92
(7,1462)	1:101:A:ILE:HG21	1:104:A:PHE:HA	19	0.92
(7,1462)	1:101:A:ILE:HG22	1:104:A:PHE:HA	19	0.92
(7,1462)	1:101:A:ILE:HG23	1:104:A:PHE:HA	19	0.92
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD21	7	0.92
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD22	7	0.92
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD23	7	0.92
(7,1022)	1:11:A:ILE:HA	1:14:A:VAL:HB	4	0.92
(7,916)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	14	0.92
(7,916)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	14	0.92
(7,682)	1:145:A:PRO:HB2	1:148:A:CYS:H	13	0.92
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG2	2	0.92
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG3	2	0.92
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG2	4	0.92
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG3	4	0.92
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG2	13	0.92
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG3	13	0.92
(6,2278)	1:79:A:THR:HG21	1:81:A:GLU:HB2	14	0.92
(6,2278)	1:79:A:THR:HG21	1:81:A:GLU:HB3	14	0.92
(6,2278)	1:79:A:THR:HG22	1:81:A:GLU:HB2	14	0.92
(6,2278)	1:79:A:THR:HG22	1:81:A:GLU:HB3	14	0.92
(6,2278)	1:79:A:THR:HG23	1:81:A:GLU:HB2	14	0.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2278)	1:79:A:THR:HG23	1:81:A:GLU:HB3	14	0.92
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD11	8	0.92
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD12	8	0.92
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD13	8	0.92
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD21	8	0.92
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD22	8	0.92
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD23	8	0.92
(6,1915)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	11	0.92
(6,1915)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	11	0.92
(6,1904)	1:18:A:PHE:HE1	1:117:A:VAL:HA	4	0.92
(6,1904)	1:18:A:PHE:HE2	1:117:A:VAL:HA	4	0.92
(6,1870)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	16	0.92
(6,1870)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	16	0.92
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	11	0.92
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	11	0.92
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	11	0.92
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	11	0.92
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	11	0.92
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	11	0.92
(6,1616)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	5	0.92
(6,1616)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	5	0.92
(6,1616)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	5	0.92
(6,1477)	1:101:A:ILE:HG21	1:104:A:PHE:HA	19	0.92
(6,1477)	1:101:A:ILE:HG22	1:104:A:PHE:HA	19	0.92
(6,1477)	1:101:A:ILE:HG23	1:104:A:PHE:HA	19	0.92
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	17	0.92
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	17	0.92
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	17	0.92
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG21	6	0.92
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG22	6	0.92
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG23	6	0.92
(6,1163)	1:39:A:VAL:HA	1:140:A:LEU:HD21	4	0.92
(6,1163)	1:39:A:VAL:HA	1:140:A:LEU:HD22	4	0.92
(6,1163)	1:39:A:VAL:HA	1:140:A:LEU:HD23	4	0.92
(6,1027)	1:11:A:ILE:HA	1:14:A:VAL:HB	4	0.92
(6,869)	1:14:A:VAL:HA	1:18:A:PHE:HB2	3	0.92
(6,788)	1:63:A:ILE:HD11	1:117:A:VAL:HB	14	0.92
(6,788)	1:63:A:ILE:HD12	1:117:A:VAL:HB	14	0.92
(6,788)	1:63:A:ILE:HD13	1:117:A:VAL:HB	14	0.92
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	1	0.92
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	1	0.92
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	1	0.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	1	0.92
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	1	0.92
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	1	0.92
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD21	3	0.92
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD22	3	0.92
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD23	3	0.92
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD11	12	0.92
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD12	12	0.92
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD13	12	0.92
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD21	12	0.92
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD22	12	0.92
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD23	12	0.92
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	1	0.92
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	1	0.92
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	1	0.92
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	1	0.92
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	1	0.92
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	1	0.92
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	1	0.92
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	1	0.92
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	1	0.92
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	1	0.92
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	1	0.92
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	1	0.92
(5,2120)	1:40:A:LEU:HB2	1:44:A:GLU:HG3	7	0.92
(5,2120)	1:40:A:LEU:HB3	1:44:A:GLU:HG3	7	0.92
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	2	0.92
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	2	0.92
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	2	0.92
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	2	0.92
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	2	0.92
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	2	0.92
(5,1928)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	11	0.92
(5,1928)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	11	0.92
(5,1892)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	4	0.92
(5,1892)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	4	0.92
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD11	6	0.92
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD12	6	0.92
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD13	6	0.92
(5,1500)	1:101:A:ILE:HG21	1:104:A:PHE:HA	19	0.92
(5,1500)	1:101:A:ILE:HG22	1:104:A:PHE:HA	19	0.92
(5,1500)	1:101:A:ILE:HG23	1:104:A:PHE:HA	19	0.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	13	0.92
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	13	0.92
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	13	0.92
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	13	0.92
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	13	0.92
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	13	0.92
(5,1326)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	12	0.92
(5,1326)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	12	0.92
(5,1326)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	12	0.92
(5,1051)	1:11:A:ILE:HA	1:14:A:VAL:HB	4	0.92
(5,630)	1:9:A:PHE:HE1	1:15:A:ALA:H	8	0.92
(5,630)	1:9:A:PHE:HE2	1:15:A:ALA:H	8	0.92
(5,228)	1:112:A:GLN:HG2	1:114:A:ILE:H	18	0.92
(5,228)	1:112:A:GLN:HG3	1:114:A:ILE:H	18	0.92
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD11	10	0.92
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD12	10	0.92
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD13	10	0.92
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD21	10	0.92
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD22	10	0.92
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD23	10	0.92
(4,1794)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	10	0.92
(4,1794)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	10	0.92
(4,1465)	1:101:A:ILE:HG21	1:104:A:PHE:HA	19	0.92
(4,1465)	1:101:A:ILE:HG22	1:104:A:PHE:HA	19	0.92
(4,1465)	1:101:A:ILE:HG23	1:104:A:PHE:HA	19	0.92
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD21	16	0.92
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD22	16	0.92
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD23	16	0.92
(4,918)	1:125:A:THR:HB	1:128:A:LEU:HG	10	0.92
(4,794)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	17	0.92
(4,794)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	17	0.92
(4,794)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	17	0.92
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	12	0.92
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	12	0.92
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	12	0.92
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	12	0.92
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	12	0.92
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	12	0.92
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	12	0.92
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	12	0.92
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	12	0.92
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	12	0.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	12	0.92
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	12	0.92
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	17	0.92
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	17	0.92
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	17	0.92
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	17	0.92
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	11	0.92
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	11	0.92
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	11	0.92
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	11	0.92
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	11	0.92
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	11	0.92
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD1	7	0.92
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD2	7	0.92
(3,1643)	1:22:A:ASP:H	1:24:A:ASP:HA	6	0.92
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD21	12	0.92
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD22	12	0.92
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD23	12	0.92
(3,1509)	1:101:A:ILE:HG21	1:104:A:PHE:HA	19	0.92
(3,1509)	1:101:A:ILE:HG22	1:104:A:PHE:HA	19	0.92
(3,1509)	1:101:A:ILE:HG23	1:104:A:PHE:HA	19	0.92
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG21	1	0.92
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG22	1	0.92
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG23	1	0.92
(3,1271)	1:40:A:LEU:HA	1:40:A:LEU:HD21	19	0.92
(3,1271)	1:40:A:LEU:HA	1:40:A:LEU:HD22	19	0.92
(3,1271)	1:40:A:LEU:HA	1:40:A:LEU:HD23	19	0.92
(3,1263)	1:39:A:VAL:HA	1:139:A:LEU:HD21	17	0.92
(3,1263)	1:39:A:VAL:HA	1:139:A:LEU:HD22	17	0.92
(3,1263)	1:39:A:VAL:HA	1:139:A:LEU:HD23	17	0.92
(3,1248)	1:144:A:LEU:HD21	1:145:A:PRO:HD2	16	0.92
(3,1248)	1:144:A:LEU:HD22	1:145:A:PRO:HD2	16	0.92
(3,1248)	1:144:A:LEU:HD23	1:145:A:PRO:HD2	16	0.92
(3,235)	1:40:A:LEU:HD11	1:44:A:GLU:H	4	0.92
(3,235)	1:40:A:LEU:HD12	1:44:A:GLU:H	4	0.92
(3,235)	1:40:A:LEU:HD13	1:44:A:GLU:H	4	0.92
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	1	0.92
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	1	0.92
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	1	0.92
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	1	0.92
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	1	0.92
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	1	0.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	1	0.92
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	1	0.92
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	1	0.92
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	1	0.92
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	1	0.92
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	1	0.92
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD11	9	0.92
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD12	9	0.92
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD13	9	0.92
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD11	9	0.92
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD12	9	0.92
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD13	9	0.92
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD11	9	0.92
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD12	9	0.92
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD13	9	0.92
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD11	9	0.92
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD12	9	0.92
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD13	9	0.92
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD11	9	0.92
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD12	9	0.92
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD13	9	0.92
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD11	9	0.92
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD12	9	0.92
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD13	9	0.92
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD21	9	0.92
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD22	9	0.92
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD23	9	0.92
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD21	9	0.92
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD22	9	0.92
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD23	9	0.92
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD21	9	0.92
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD22	9	0.92
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD23	9	0.92
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD21	9	0.92
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD22	9	0.92
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD23	9	0.92
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD21	9	0.92
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD22	9	0.92
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD23	9	0.92
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD21	9	0.92
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD22	9	0.92
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD23	9	0.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2057)	1:23:A:LEU:HD11	1:26:A:ASP:HA	17	0.92
(2,2057)	1:23:A:LEU:HD12	1:26:A:ASP:HA	17	0.92
(2,2057)	1:23:A:LEU:HD13	1:26:A:ASP:HA	17	0.92
(2,2057)	1:23:A:LEU:HD21	1:26:A:ASP:HA	17	0.92
(2,2057)	1:23:A:LEU:HD22	1:26:A:ASP:HA	17	0.92
(2,2057)	1:23:A:LEU:HD23	1:26:A:ASP:HA	17	0.92
(2,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	8	0.92
(2,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	8	0.92
(2,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	8	0.92
(2,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	8	0.92
(2,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	8	0.92
(2,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	8	0.92
(2,1489)	1:101:A:ILE:HG21	1:104:A:PHE:HA	19	0.92
(2,1489)	1:101:A:ILE:HG22	1:104:A:PHE:HA	19	0.92
(2,1489)	1:101:A:ILE:HG23	1:104:A:PHE:HA	19	0.92
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	2	0.92
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	2	0.92
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	2	0.92
(2,1263)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	17	0.92
(2,1263)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	17	0.92
(2,1263)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	17	0.92
(2,1263)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	17	0.92
(2,1263)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	17	0.92
(2,1263)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	17	0.92
(2,981)	1:105:A:LYS:HD2	1:107:A:LEU:H	1	0.92
(2,981)	1:105:A:LYS:HD3	1:107:A:LEU:H	1	0.92
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD21	3	0.92
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD22	3	0.92
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD23	3	0.92
(2,155)	1:127:A:CYS:H	1:128:A:LEU:HG	2	0.92
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	12	0.92
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	12	0.92
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	12	0.92
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	12	0.92
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	12	0.92
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	12	0.92
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	12	0.92
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	12	0.92
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	12	0.92
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	12	0.92
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	12	0.92
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	12	0.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2058)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	4	0.92
(1,2058)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	4	0.92
(1,2058)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	4	0.92
(1,2058)	1:31:A:PRO:HD2	1:144:A:LEU:HD21	4	0.92
(1,2058)	1:31:A:PRO:HD2	1:144:A:LEU:HD22	4	0.92
(1,2058)	1:31:A:PRO:HD2	1:144:A:LEU:HD23	4	0.92
(1,2058)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	4	0.92
(1,2058)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	4	0.92
(1,2058)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	4	0.92
(1,2058)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	4	0.92
(1,2058)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	4	0.92
(1,2058)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	4	0.92
(1,1993)	1:16:A:SER:HB2	1:43:A:MET:HE1	14	0.92
(1,1993)	1:16:A:SER:HB2	1:43:A:MET:HE2	14	0.92
(1,1993)	1:16:A:SER:HB2	1:43:A:MET:HE3	14	0.92
(1,1993)	1:16:A:SER:HB3	1:43:A:MET:HE1	14	0.92
(1,1993)	1:16:A:SER:HB3	1:43:A:MET:HE2	14	0.92
(1,1993)	1:16:A:SER:HB3	1:43:A:MET:HE3	14	0.92
(1,1880)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	4	0.92
(1,1880)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	4	0.92
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE1	2	0.92
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE2	2	0.92
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE1	15	0.92
(1,1857)	1:33:A:LYS:HA	1:80:A:TYR:HE2	15	0.92
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	2	0.92
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	2	0.92
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	2	0.92
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG21	18	0.92
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG22	18	0.92
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG23	18	0.92
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG21	18	0.92
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG22	18	0.92
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG23	18	0.92
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG21	18	0.92
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG22	18	0.92
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG23	18	0.92
(1,1669)	1:69:A:MET:HE1	1:116:A:GLN:HG3	9	0.92
(1,1669)	1:69:A:MET:HE2	1:116:A:GLN:HG3	9	0.92
(1,1669)	1:69:A:MET:HE3	1:116:A:GLN:HG3	9	0.92
(1,1591)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	7	0.92
(1,1591)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	7	0.92
(1,1591)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	7	0.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1492)	1:101:A:ILE:HG21	1:104:A:PHE:HA	19	0.92
(1,1492)	1:101:A:ILE:HG22	1:104:A:PHE:HA	19	0.92
(1,1492)	1:101:A:ILE:HG23	1:104:A:PHE:HA	19	0.92
(1,1469)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	14	0.92
(1,1469)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	14	0.92
(1,1469)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	14	0.92
(1,1469)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	14	0.92
(1,1469)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	14	0.92
(1,1469)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	14	0.92
(1,1469)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	14	0.92
(1,1469)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	14	0.92
(1,1469)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	14	0.92
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD11	10	0.91
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD12	10	0.91
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD13	10	0.91
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD21	10	0.91
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD22	10	0.91
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD23	10	0.91
(34,2086)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	0.91
(34,2086)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	0.91
(34,2086)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	0.91
(34,2086)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	3	0.91
(34,2086)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	3	0.91
(34,2086)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	3	0.91
(34,1935)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	3	0.91
(34,1935)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	3	0.91
(34,1935)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	18	0.91
(34,1935)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	18	0.91
(34,1876)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	12	0.91
(34,1876)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	12	0.91
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	16	0.91
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	16	0.91
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	16	0.91
(34,1868)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	17	0.91
(34,1868)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	17	0.91
(34,1600)	1:97:A:ASP:H	1:98:A:ILE:HD11	16	0.91
(34,1600)	1:97:A:ASP:H	1:98:A:ILE:HD12	16	0.91
(34,1600)	1:97:A:ASP:H	1:98:A:ILE:HD13	16	0.91
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE1	16	0.91
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE2	16	0.91
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE3	16	0.91
(34,1473)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	15	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1473)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	15	0.91
(34,1473)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	15	0.91
(34,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD21	16	0.91
(34,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD22	16	0.91
(34,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD23	16	0.91
(34,947)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	15	0.91
(34,947)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	15	0.91
(34,947)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	15	0.91
(34,947)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	15	0.91
(34,643)	1:59:A:CYS:H	1:60:A:LEU:HB3	5	0.91
(34,45)	1:98:A:ILE:H	1:104:A:PHE:HB2	16	0.91
(34,45)	1:98:A:ILE:H	1:104:A:PHE:HB3	16	0.91
(33,2152)	1:43:A:MET:HE1	1:46:A:ASN:HD21	4	0.91
(33,2152)	1:43:A:MET:HE1	1:46:A:ASN:HD22	4	0.91
(33,2152)	1:43:A:MET:HE2	1:46:A:ASN:HD21	4	0.91
(33,2152)	1:43:A:MET:HE2	1:46:A:ASN:HD22	4	0.91
(33,2152)	1:43:A:MET:HE3	1:46:A:ASN:HD21	4	0.91
(33,2152)	1:43:A:MET:HE3	1:46:A:ASN:HD22	4	0.91
(33,1856)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	17	0.91
(33,1856)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	17	0.91
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	5	0.91
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	5	0.91
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	5	0.91
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD1	3	0.91
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD2	3	0.91
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD1	3	0.91
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD2	3	0.91
(33,1657)	1:16:A:SER:HB3	1:19:A:ALA:HB1	6	0.91
(33,1657)	1:16:A:SER:HB3	1:19:A:ALA:HB2	6	0.91
(33,1657)	1:16:A:SER:HB3	1:19:A:ALA:HB3	6	0.91
(33,1457)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	14	0.91
(33,1457)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	14	0.91
(33,1457)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	14	0.91
(33,1457)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	14	0.91
(33,1457)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	14	0.91
(33,1457)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	14	0.91
(33,1457)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	14	0.91
(33,1457)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	14	0.91
(33,1457)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	14	0.91
(33,934)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	15	0.91
(33,934)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	15	0.91
(33,934)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	15	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,934)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	15	0.91
(33,573)	1:16:A:SER:H	1:131:A:LEU:HB3	15	0.91
(32,2135)	1:43:A:MET:HE1	1:46:A:ASN:HD21	4	0.91
(32,2135)	1:43:A:MET:HE1	1:46:A:ASN:HD22	4	0.91
(32,2135)	1:43:A:MET:HE2	1:46:A:ASN:HD21	4	0.91
(32,2135)	1:43:A:MET:HE2	1:46:A:ASN:HD22	4	0.91
(32,2135)	1:43:A:MET:HE3	1:46:A:ASN:HD21	4	0.91
(32,2135)	1:43:A:MET:HE3	1:46:A:ASN:HD22	4	0.91
(32,1589)	1:13:A:ALA:HA	1:80:A:TYR:HB3	1	0.91
(32,1425)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	14	0.91
(32,1425)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	14	0.91
(32,1425)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	14	0.91
(32,1425)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	14	0.91
(32,1425)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	14	0.91
(32,1425)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	14	0.91
(32,1425)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	14	0.91
(32,1425)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	14	0.91
(32,1425)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	14	0.91
(32,1259)	1:66:A:THR:HG21	1:96:A:VAL:H	13	0.91
(32,1259)	1:66:A:THR:HG22	1:96:A:VAL:H	13	0.91
(32,1259)	1:66:A:THR:HG23	1:96:A:VAL:H	13	0.91
(32,840)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	12	0.91
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD11	13	0.91
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD12	13	0.91
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD13	13	0.91
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD21	13	0.91
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD22	13	0.91
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD23	13	0.91
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD11	12	0.91
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD12	12	0.91
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD13	12	0.91
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD21	12	0.91
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD22	12	0.91
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD23	12	0.91
(30,2370)	1:115:A:ALA:H	1:116:A:GLN:HE21	12	0.91
(30,2370)	1:115:A:ALA:H	1:116:A:GLN:HE22	12	0.91
(30,2287)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	14	0.91
(30,2287)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	14	0.91
(30,2046)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	5	0.91
(30,2046)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	5	0.91
(30,2046)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	5	0.91
(30,2046)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	5	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2046)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	5	0.91
(30,2046)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	5	0.91
(30,2046)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	5	0.91
(30,2046)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	5	0.91
(30,2046)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	5	0.91
(30,2046)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	5	0.91
(30,2046)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	5	0.91
(30,2046)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	5	0.91
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	16	0.91
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	16	0.91
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	16	0.91
(30,1860)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	17	0.91
(30,1860)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	17	0.91
(30,1731)	1:21:A:THR:HG21	1:24:A:ASP:HB2	11	0.91
(30,1731)	1:21:A:THR:HG21	1:24:A:ASP:HB3	11	0.91
(30,1731)	1:21:A:THR:HG22	1:24:A:ASP:HB2	11	0.91
(30,1731)	1:21:A:THR:HG22	1:24:A:ASP:HB3	11	0.91
(30,1731)	1:21:A:THR:HG23	1:24:A:ASP:HB2	11	0.91
(30,1731)	1:21:A:THR:HG23	1:24:A:ASP:HB3	11	0.91
(30,1585)	1:97:A:ASP:H	1:98:A:ILE:HD11	16	0.91
(30,1585)	1:97:A:ASP:H	1:98:A:ILE:HD12	16	0.91
(30,1585)	1:97:A:ASP:H	1:98:A:ILE:HD13	16	0.91
(30,1139)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	18	0.91
(30,1139)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	18	0.91
(30,1139)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	18	0.91
(30,1139)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	18	0.91
(30,1139)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	18	0.91
(30,1139)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	18	0.91
(30,1139)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	18	0.91
(30,1139)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	18	0.91
(30,1139)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	18	0.91
(30,954)	1:15:A:ALA:HB1	1:43:A:MET:HB2	8	0.91
(30,954)	1:15:A:ALA:HB2	1:43:A:MET:HB2	8	0.91
(30,954)	1:15:A:ALA:HB3	1:43:A:MET:HB2	8	0.91
(30,854)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	12	0.91
(30,568)	1:63:A:ILE:HG21	1:116:A:GLN:H	11	0.91
(30,568)	1:63:A:ILE:HG22	1:116:A:GLN:H	11	0.91
(30,568)	1:63:A:ILE:HG23	1:116:A:GLN:H	11	0.91
(30,314)	1:43:A:MET:H	1:140:A:LEU:HD11	2	0.91
(30,314)	1:43:A:MET:H	1:140:A:LEU:HD12	2	0.91
(30,314)	1:43:A:MET:H	1:140:A:LEU:HD13	2	0.91
(30,59)	1:34:A:LYS:H	1:81:A:GLU:H	13	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,12)	1:64:A:LYS:H	1:116:A:GLN:HG2	19	0.91
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD11	13	0.91
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD12	13	0.91
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD13	13	0.91
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD21	13	0.91
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD22	13	0.91
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD23	13	0.91
(29,2367)	1:124:A:THR:H	1:127:A:CYS:HB2	2	0.91
(29,2367)	1:124:A:THR:H	1:127:A:CYS:HB3	2	0.91
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	1	0.91
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	1	0.91
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	1	0.91
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	1	0.91
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	1	0.91
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	1	0.91
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	1	0.91
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	1	0.91
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	1	0.91
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	1	0.91
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	1	0.91
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	1	0.91
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	1	0.91
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	1	0.91
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	1	0.91
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	1	0.91
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	1	0.91
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	1	0.91
(29,2271)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	14	0.91
(29,2271)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	14	0.91
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD11	3	0.91
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD12	3	0.91
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD13	3	0.91
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD21	3	0.91
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD22	3	0.91
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD23	3	0.91
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD11	18	0.91
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD12	18	0.91
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD13	18	0.91
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD21	18	0.91
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD22	18	0.91
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD23	18	0.91
(29,1690)	1:16:A:SER:HB3	1:19:A:ALA:HB1	6	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1690)	1:16:A:SER:HB3	1:19:A:ALA:HB2	6	0.91
(29,1690)	1:16:A:SER:HB3	1:19:A:ALA:HB3	6	0.91
(29,1596)	1:97:A:ASP:H	1:98:A:ILE:HD11	16	0.91
(29,1596)	1:97:A:ASP:H	1:98:A:ILE:HD12	16	0.91
(29,1596)	1:97:A:ASP:H	1:98:A:ILE:HD13	16	0.91
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE1	10	0.91
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE2	10	0.91
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE3	10	0.91
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	14	0.91
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	14	0.91
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	14	0.91
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	14	0.91
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	14	0.91
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	14	0.91
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	14	0.91
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	14	0.91
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	14	0.91
(29,1292)	1:12:A:VAL:HG21	1:13:A:ALA:HA	19	0.91
(29,1292)	1:12:A:VAL:HG22	1:13:A:ALA:HA	19	0.91
(29,1292)	1:12:A:VAL:HG23	1:13:A:ALA:HA	19	0.91
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD11	13	0.91
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD12	13	0.91
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD13	13	0.91
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	4	0.91
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	4	0.91
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	4	0.91
(29,871)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	12	0.91
(29,775)	1:53:A:THR:H	1:124:A:THR:HG21	12	0.91
(29,775)	1:53:A:THR:H	1:124:A:THR:HG22	12	0.91
(29,775)	1:53:A:THR:H	1:124:A:THR:HG23	12	0.91
(29,8)	1:64:A:LYS:H	1:116:A:GLN:HE22	7	0.91
(22,38)	1:120:A:CYS:N	1:116:A:GLN:C	6	0.91
(22,37)	1:120:A:CYS:H	1:116:A:GLN:C	1	0.91
(22,37)	1:120:A:CYS:H	1:116:A:GLN:C	2	0.91
(22,37)	1:120:A:CYS:H	1:116:A:GLN:C	4	0.91
(22,37)	1:120:A:CYS:H	1:116:A:GLN:C	7	0.91
(22,37)	1:120:A:CYS:H	1:116:A:GLN:C	14	0.91
(22,29)	1:116:A:GLN:H	1:112:A:GLN:C	9	0.91
(22,26)	1:114:A:ILE:N	1:110:A:MET:C	7	0.91
(22,25)	1:114:A:ILE:H	1:110:A:MET:C	4	0.91
(22,25)	1:114:A:ILE:H	1:110:A:MET:C	9	0.91
(22,23)	1:113:A:PHE:H	1:109:A:PRO:C	3	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(22,21)	1:107:A:LEU:H	1:103:A:ARG:C	19	0.91
(18,2225)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	6	0.91
(18,2225)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	6	0.91
(18,2225)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	6	0.91
(18,2225)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	6	0.91
(18,2225)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	6	0.91
(18,2225)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	6	0.91
(18,2225)	1:60:A:LEU:HD11	1:122:A:ASP:HB3	6	0.91
(18,2225)	1:60:A:LEU:HD12	1:122:A:ASP:HB3	6	0.91
(18,2225)	1:60:A:LEU:HD13	1:122:A:ASP:HB3	6	0.91
(18,2225)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	6	0.91
(18,2225)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	6	0.91
(18,2225)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	6	0.91
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG11	12	0.91
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG12	12	0.91
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG13	12	0.91
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG21	12	0.91
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG22	12	0.91
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG23	12	0.91
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG11	12	0.91
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG12	12	0.91
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG13	12	0.91
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG21	12	0.91
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG22	12	0.91
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG23	12	0.91
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG11	12	0.91
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG12	12	0.91
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG13	12	0.91
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG21	12	0.91
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG22	12	0.91
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG23	12	0.91
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	1	0.91
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	1	0.91
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	1	0.91
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	1	0.91
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	1	0.91
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	1	0.91
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	1	0.91
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	1	0.91
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	1	0.91
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	1	0.91
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	1	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	1	0.91
(18,1845)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	17	0.91
(18,1845)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	17	0.91
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	14	0.91
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	14	0.91
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	14	0.91
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	14	0.91
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	14	0.91
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	14	0.91
(18,1654)	1:16:A:SER:HB3	1:19:A:ALA:HB1	6	0.91
(18,1654)	1:16:A:SER:HB3	1:19:A:ALA:HB2	6	0.91
(18,1654)	1:16:A:SER:HB3	1:19:A:ALA:HB3	6	0.91
(18,1531)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	9	0.91
(18,1531)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	9	0.91
(18,1531)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	9	0.91
(18,1531)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	9	0.91
(18,1531)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	9	0.91
(18,1531)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	9	0.91
(18,1454)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	15	0.91
(18,1454)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	15	0.91
(18,1454)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	15	0.91
(18,1454)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	15	0.91
(18,1454)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	15	0.91
(18,1454)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	15	0.91
(18,1454)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	15	0.91
(18,1454)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	15	0.91
(18,1454)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	15	0.91
(18,1286)	1:66:A:THR:HG21	1:96:A:VAL:H	13	0.91
(18,1286)	1:66:A:THR:HG22	1:96:A:VAL:H	13	0.91
(18,1286)	1:66:A:THR:HG23	1:96:A:VAL:H	13	0.91
(18,1077)	1:95:A:ILE:HA	1:96:A:VAL:H	17	0.91
(18,982)	1:68:A:LYS:HG2	1:109:A:PRO:HB2	16	0.91
(18,982)	1:68:A:LYS:HG2	1:109:A:PRO:HB3	16	0.91
(18,982)	1:68:A:LYS:HG3	1:109:A:PRO:HB2	16	0.91
(18,982)	1:68:A:LYS:HG3	1:109:A:PRO:HB3	16	0.91
(18,962)	1:39:A:VAL:HA	1:140:A:LEU:HD11	5	0.91
(18,962)	1:39:A:VAL:HA	1:140:A:LEU:HD12	5	0.91
(18,962)	1:39:A:VAL:HA	1:140:A:LEU:HD13	5	0.91
(18,47)	1:98:A:ILE:H	1:104:A:PHE:HB3	16	0.91
(18,44)	1:98:A:ILE:H	1:104:A:PHE:HB2	5	0.91
(18,7)	1:64:A:LYS:H	1:116:A:GLN:HE22	7	0.91
(17,1724)	1:67:A:PRO:HD2	1:95:A:ILE:HA	17	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1684)	1:16:A:SER:HB3	1:19:A:ALA:HB1	6	0.91
(17,1684)	1:16:A:SER:HB3	1:19:A:ALA:HB2	6	0.91
(17,1684)	1:16:A:SER:HB3	1:19:A:ALA:HB3	6	0.91
(17,1643)	1:13:A:ALA:HA	1:80:A:TYR:HB3	1	0.91
(17,1266)	1:12:A:VAL:HG11	1:40:A:LEU:HA	2	0.91
(17,1266)	1:12:A:VAL:HG12	1:40:A:LEU:HA	2	0.91
(17,1266)	1:12:A:VAL:HG13	1:40:A:LEU:HA	2	0.91
(17,1095)	1:141:A:LYS:HA	1:148:A:CYS:HB3	8	0.91
(17,853)	1:43:A:MET:HE1	1:144:A:LEU:HB3	5	0.91
(17,853)	1:43:A:MET:HE2	1:144:A:LEU:HB3	5	0.91
(17,853)	1:43:A:MET:HE3	1:144:A:LEU:HB3	5	0.91
(17,853)	1:43:A:MET:HE1	1:144:A:LEU:HB2	5	0.91
(17,853)	1:43:A:MET:HE2	1:144:A:LEU:HB2	5	0.91
(17,853)	1:43:A:MET:HE3	1:144:A:LEU:HB2	5	0.91
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	1	0.91
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	1	0.91
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	1	0.91
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	1	0.91
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	1	0.91
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	1	0.91
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	1	0.91
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	1	0.91
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	1	0.91
(17,7)	1:64:A:LYS:H	1:116:A:GLN:HE22	7	0.91
(16,2432)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	13	0.91
(16,2432)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	13	0.91
(16,2432)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	13	0.91
(16,2432)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	13	0.91
(16,2432)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	13	0.91
(16,2432)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	13	0.91
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD21	1	0.91
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD22	1	0.91
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD21	1	0.91
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD22	1	0.91
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD21	1	0.91
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD22	1	0.91
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD11	10	0.91
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD12	10	0.91
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD13	10	0.91
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD21	10	0.91
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD22	10	0.91
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD23	10	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	9	0.91
(16,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	9	0.91
(16,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	9	0.91
(16,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	9	0.91
(16,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	9	0.91
(16,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	9	0.91
(16,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	9	0.91
(16,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	9	0.91
(16,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	9	0.91
(16,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	9	0.91
(16,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	9	0.91
(16,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	9	0.91
(16,1965)	1:12:A:VAL:HG11	1:43:A:MET:H	18	0.91
(16,1965)	1:12:A:VAL:HG12	1:43:A:MET:H	18	0.91
(16,1965)	1:12:A:VAL:HG13	1:43:A:MET:H	18	0.91
(16,1965)	1:12:A:VAL:HG21	1:43:A:MET:H	18	0.91
(16,1965)	1:12:A:VAL:HG22	1:43:A:MET:H	18	0.91
(16,1965)	1:12:A:VAL:HG23	1:43:A:MET:H	18	0.91
(16,1662)	1:16:A:SER:HB3	1:19:A:ALA:HB1	6	0.91
(16,1662)	1:16:A:SER:HB3	1:19:A:ALA:HB2	6	0.91
(16,1662)	1:16:A:SER:HB3	1:19:A:ALA:HB3	6	0.91
(16,1569)	1:97:A:ASP:H	1:98:A:ILE:HD11	16	0.91
(16,1569)	1:97:A:ASP:H	1:98:A:ILE:HD12	16	0.91
(16,1569)	1:97:A:ASP:H	1:98:A:ILE:HD13	16	0.91
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD11	2	0.91
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD12	2	0.91
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD13	2	0.91
(16,1563)	1:58:A:ILE:HD11	1:61:A:SER:H	5	0.91
(16,1563)	1:58:A:ILE:HD12	1:61:A:SER:H	5	0.91
(16,1563)	1:58:A:ILE:HD13	1:61:A:SER:H	5	0.91
(16,1393)	1:19:A:ALA:HB1	1:132:A:ALA:HA	6	0.91
(16,1393)	1:19:A:ALA:HB2	1:132:A:ALA:HA	6	0.91
(16,1393)	1:19:A:ALA:HB3	1:132:A:ALA:HA	6	0.91
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	7	0.91
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	7	0.91
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	7	0.91
(16,1036)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	3	0.91
(16,1036)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	3	0.91
(16,870)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	12	0.91
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	7	0.91
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	7	0.91
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	7	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	7	0.91
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	7	0.91
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	7	0.91
(16,580)	1:42:A:GLU:HB3	1:46:A:ASN:HD21	9	0.91
(16,43)	1:98:A:ILE:H	1:104:A:PHE:HB2	16	0.91
(16,43)	1:98:A:ILE:H	1:104:A:PHE:HB3	16	0.91
(16,8)	1:64:A:LYS:H	1:116:A:GLN:HE22	7	0.91
(15,2264)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	14	0.91
(15,2264)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	14	0.91
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	14	0.91
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	14	0.91
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	14	0.91
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	14	0.91
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	14	0.91
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	14	0.91
(15,2124)	1:44:A:GLU:H	1:44:A:GLU:HG2	11	0.91
(15,2124)	1:44:A:GLU:H	1:44:A:GLU:HG3	11	0.91
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD11	12	0.91
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD12	12	0.91
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD13	12	0.91
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD21	12	0.91
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD22	12	0.91
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD23	12	0.91
(15,1904)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	3	0.91
(15,1904)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	3	0.91
(15,1904)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	18	0.91
(15,1904)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	18	0.91
(15,1874)	1:18:A:PHE:HE1	1:61:A:SER:H	18	0.91
(15,1874)	1:18:A:PHE:HE2	1:61:A:SER:H	18	0.91
(15,1714)	1:21:A:THR:HG21	1:24:A:ASP:HB2	11	0.91
(15,1714)	1:21:A:THR:HG21	1:24:A:ASP:HB3	11	0.91
(15,1714)	1:21:A:THR:HG22	1:24:A:ASP:HB2	11	0.91
(15,1714)	1:21:A:THR:HG22	1:24:A:ASP:HB3	11	0.91
(15,1714)	1:21:A:THR:HG23	1:24:A:ASP:HB2	11	0.91
(15,1714)	1:21:A:THR:HG23	1:24:A:ASP:HB3	11	0.91
(15,1662)	1:16:A:SER:HB3	1:19:A:ALA:HB1	6	0.91
(15,1662)	1:16:A:SER:HB3	1:19:A:ALA:HB2	6	0.91
(15,1662)	1:16:A:SER:HB3	1:19:A:ALA:HB3	6	0.91
(15,1468)	1:95:A:ILE:HG21	1:97:A:ASP:H	3	0.91
(15,1468)	1:95:A:ILE:HG22	1:97:A:ASP:H	3	0.91
(15,1468)	1:95:A:ILE:HG23	1:97:A:ASP:H	3	0.91
(15,1244)	1:12:A:VAL:H	1:40:A:LEU:HD11	2	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1244)	1:12:A:VAL:H	1:40:A:LEU:HD12	2	0.91
(15,1244)	1:12:A:VAL:H	1:40:A:LEU:HD13	2	0.91
(15,1089)	1:141:A:LYS:HA	1:148:A:CYS:HB3	8	0.91
(15,956)	1:74:A:PRO:HA	1:77:A:CYS:HB2	14	0.91
(15,926)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	15	0.91
(15,926)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	15	0.91
(15,926)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	15	0.91
(15,926)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	15	0.91
(15,862)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	12	0.91
(15,817)	1:98:A:ILE:HD11	1:104:A:PHE:HB2	18	0.91
(15,817)	1:98:A:ILE:HD12	1:104:A:PHE:HB2	18	0.91
(15,817)	1:98:A:ILE:HD13	1:104:A:PHE:HB2	18	0.91
(15,63)	1:34:A:LYS:H	1:81:A:GLU:H	13	0.91
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	17	0.91
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	17	0.91
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	17	0.91
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	17	0.91
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	17	0.91
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	17	0.91
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	17	0.91
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	17	0.91
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	17	0.91
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	17	0.91
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	17	0.91
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	17	0.91
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	17	0.91
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	17	0.91
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	17	0.91
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	17	0.91
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	17	0.91
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	17	0.91
(13,2103)	1:44:A:GLU:HG2	1:45:A:ALA:HA	10	0.91
(13,2103)	1:44:A:GLU:HG3	1:45:A:ALA:HA	10	0.91
(13,2099)	1:44:A:GLU:H	1:44:A:GLU:HG2	11	0.91
(13,2099)	1:44:A:GLU:H	1:44:A:GLU:HG3	11	0.91
(13,2009)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	5	0.91
(13,2009)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	5	0.91
(13,2009)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	5	0.91
(13,2009)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	5	0.91
(13,2009)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	5	0.91
(13,2009)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	5	0.91
(13,2009)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	5	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2009)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	5	0.91
(13,2009)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	5	0.91
(13,2009)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	5	0.91
(13,2009)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	5	0.91
(13,2009)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	5	0.91
(13,1635)	1:16:A:SER:HB3	1:19:A:ALA:HB1	6	0.91
(13,1635)	1:16:A:SER:HB3	1:19:A:ALA:HB2	6	0.91
(13,1635)	1:16:A:SER:HB3	1:19:A:ALA:HB3	6	0.91
(13,1552)	1:97:A:ASP:H	1:98:A:ILE:HD11	16	0.91
(13,1552)	1:97:A:ASP:H	1:98:A:ILE:HD12	16	0.91
(13,1552)	1:97:A:ASP:H	1:98:A:ILE:HD13	16	0.91
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG11	11	0.91
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG12	11	0.91
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG13	11	0.91
(13,1253)	1:12:A:VAL:HG21	1:13:A:ALA:HA	19	0.91
(13,1253)	1:12:A:VAL:HG22	1:13:A:ALA:HA	19	0.91
(13,1253)	1:12:A:VAL:HG23	1:13:A:ALA:HA	19	0.91
(13,898)	1:44:A:GLU:HG3	1:45:A:ALA:HA	10	0.91
(13,417)	1:100:A:ALA:H	1:119:A:LEU:HB3	2	0.91
(11,2218)	1:60:A:LEU:HD11	1:61:A:SER:HB2	17	0.91
(11,2218)	1:60:A:LEU:HD11	1:61:A:SER:HB3	17	0.91
(11,2218)	1:60:A:LEU:HD12	1:61:A:SER:HB2	17	0.91
(11,2218)	1:60:A:LEU:HD12	1:61:A:SER:HB3	17	0.91
(11,2218)	1:60:A:LEU:HD13	1:61:A:SER:HB2	17	0.91
(11,2218)	1:60:A:LEU:HD13	1:61:A:SER:HB3	17	0.91
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD11	10	0.91
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD12	10	0.91
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD13	10	0.91
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD21	10	0.91
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD22	10	0.91
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD23	10	0.91
(11,1880)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	17	0.91
(11,1880)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	17	0.91
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	2	0.91
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	2	0.91
(11,1702)	1:16:A:SER:HB3	1:19:A:ALA:HB1	6	0.91
(11,1702)	1:16:A:SER:HB3	1:19:A:ALA:HB2	6	0.91
(11,1702)	1:16:A:SER:HB3	1:19:A:ALA:HB3	6	0.91
(11,1659)	1:13:A:ALA:HA	1:80:A:TYR:HB3	1	0.91
(11,1651)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	11	0.91
(11,1651)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	11	0.91
(11,1651)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	11	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1651)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	11	0.91
(11,1651)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	11	0.91
(11,1651)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	11	0.91
(11,1612)	1:97:A:ASP:H	1:98:A:ILE:HD11	16	0.91
(11,1612)	1:97:A:ASP:H	1:98:A:ILE:HD12	16	0.91
(11,1612)	1:97:A:ASP:H	1:98:A:ILE:HD13	16	0.91
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD11	2	0.91
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD12	2	0.91
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD13	2	0.91
(11,1605)	1:58:A:ILE:HD11	1:61:A:SER:H	5	0.91
(11,1605)	1:58:A:ILE:HD12	1:61:A:SER:H	5	0.91
(11,1605)	1:58:A:ILE:HD13	1:61:A:SER:H	5	0.91
(11,686)	1:145:A:PRO:HB3	1:148:A:CYS:H	16	0.91
(11,583)	1:128:A:LEU:HD11	1:130:A:GLY:H	9	0.91
(11,583)	1:128:A:LEU:HD12	1:130:A:GLY:H	9	0.91
(11,583)	1:128:A:LEU:HD13	1:130:A:GLY:H	9	0.91
(11,64)	1:34:A:LYS:H	1:81:A:GLU:H	13	0.91
(9,2162)	1:60:A:LEU:HG	1:61:A:SER:HB2	17	0.91
(9,2162)	1:60:A:LEU:HG	1:61:A:SER:HB3	17	0.91
(9,2060)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	0.91
(9,2060)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	0.91
(9,2060)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	0.91
(9,2060)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	3	0.91
(9,2060)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	3	0.91
(9,2060)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	3	0.91
(9,1578)	1:97:A:ASP:H	1:98:A:ILE:HD11	16	0.91
(9,1578)	1:97:A:ASP:H	1:98:A:ILE:HD12	16	0.91
(9,1578)	1:97:A:ASP:H	1:98:A:ILE:HD13	16	0.91
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD11	13	0.91
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD12	13	0.91
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD13	13	0.91
(9,1062)	1:95:A:ILE:HA	1:96:A:VAL:H	17	0.91
(9,917)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	2	0.91
(9,917)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	2	0.91
(9,917)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	2	0.91
(9,917)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	16	0.91
(9,917)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	16	0.91
(9,917)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	16	0.91
(9,634)	1:59:A:CYS:H	1:60:A:LEU:HB3	5	0.91
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	1	0.91
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	1	0.91
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	1	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	1	0.91
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	1	0.91
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	1	0.91
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	12	0.91
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	12	0.91
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	12	0.91
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	12	0.91
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	12	0.91
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	12	0.91
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD11	1	0.91
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD12	1	0.91
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD13	1	0.91
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD21	1	0.91
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD22	1	0.91
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD23	1	0.91
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	15	0.91
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	15	0.91
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	15	0.91
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	15	0.91
(7,1759)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	16	0.91
(7,1759)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	16	0.91
(7,1759)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	16	0.91
(7,1759)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	16	0.91
(7,1759)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	16	0.91
(7,1759)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	16	0.91
(7,1599)	1:13:A:ALA:HA	1:80:A:TYR:HB3	1	0.91
(7,1555)	1:97:A:ASP:H	1:98:A:ILE:HD11	16	0.91
(7,1555)	1:97:A:ASP:H	1:98:A:ILE:HD12	16	0.91
(7,1555)	1:97:A:ASP:H	1:98:A:ILE:HD13	16	0.91
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	17	0.91
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	17	0.91
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	17	0.91
(7,978)	1:35:A:LEU:HG	1:143:A:TRP:HB3	6	0.91
(7,971)	1:12:A:VAL:HB	1:40:A:LEU:H	19	0.91
(7,917)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	15	0.91
(7,917)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	15	0.91
(7,917)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	15	0.91
(7,917)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	15	0.91
(7,580)	1:50:A:ALA:HB1	1:126:A:GLY:H	2	0.91
(7,580)	1:50:A:ALA:HB2	1:126:A:GLY:H	2	0.91
(7,580)	1:50:A:ALA:HB3	1:126:A:GLY:H	2	0.91
(6,2362)	1:115:A:ALA:H	1:116:A:GLN:HE21	12	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2362)	1:115:A:ALA:H	1:116:A:GLN:HE22	12	0.91
(6,2322)	1:105:A:LYS:HG2	1:112:A:GLN:HE21	10	0.91
(6,2322)	1:105:A:LYS:HG3	1:112:A:GLN:HE21	10	0.91
(6,1741)	1:18:A:PHE:HB2	1:132:A:ALA:HA	12	0.91
(6,1741)	1:18:A:PHE:HB3	1:132:A:ALA:HA	12	0.91
(6,1625)	1:13:A:ALA:HA	1:80:A:TYR:HB3	1	0.91
(6,1618)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	11	0.91
(6,1618)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	11	0.91
(6,1618)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	11	0.91
(6,1618)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	11	0.91
(6,1618)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	11	0.91
(6,1618)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	11	0.91
(6,1505)	1:43:A:MET:HE1	1:46:A:ASN:HB2	6	0.91
(6,1505)	1:43:A:MET:HE2	1:46:A:ASN:HB2	6	0.91
(6,1505)	1:43:A:MET:HE3	1:46:A:ASN:HB2	6	0.91
(6,1343)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	13	0.91
(6,1343)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	13	0.91
(6,1343)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	13	0.91
(6,1343)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	13	0.91
(6,1343)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	13	0.91
(6,1343)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	13	0.91
(6,946)	1:66:A:THR:H	1:96:A:VAL:HB	18	0.91
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	1	0.91
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	1	0.91
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	1	0.91
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	1	0.91
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	1	0.91
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	1	0.91
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	1	0.91
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	1	0.91
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	1	0.91
(6,788)	1:63:A:ILE:HD11	1:117:A:VAL:HB	12	0.91
(6,788)	1:63:A:ILE:HD12	1:117:A:VAL:HB	12	0.91
(6,788)	1:63:A:ILE:HD13	1:117:A:VAL:HB	12	0.91
(6,630)	1:59:A:CYS:H	1:60:A:LEU:HB3	5	0.91
(6,40)	1:98:A:ILE:H	1:104:A:PHE:HB3	16	0.91
(5,2278)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	14	0.91
(5,2278)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	14	0.91
(5,2250)	1:70:A:LYS:HG2	1:71:A:LYS:H	6	0.91
(5,2250)	1:70:A:LYS:HG3	1:71:A:LYS:H	6	0.91
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	14	0.91
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	14	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	14	0.91
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	14	0.91
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	14	0.91
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	14	0.91
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD11	18	0.91
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD12	18	0.91
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD13	18	0.91
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD21	18	0.91
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD22	18	0.91
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD23	18	0.91
(5,2010)	1:18:A:PHE:HB2	1:132:A:ALA:HA	12	0.91
(5,2010)	1:18:A:PHE:HB3	1:132:A:ALA:HA	12	0.91
(5,1885)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	17	0.91
(5,1885)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	17	0.91
(5,1825)	1:9:A:PHE:HD1	1:14:A:VAL:HB	9	0.91
(5,1825)	1:9:A:PHE:HD2	1:14:A:VAL:HB	9	0.91
(5,1752)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	7	0.91
(5,1752)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	7	0.91
(5,1752)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	7	0.91
(5,1733)	1:67:A:PRO:HD2	1:95:A:ILE:HA	17	0.91
(5,1689)	1:16:A:SER:HB3	1:19:A:ALA:HB1	6	0.91
(5,1689)	1:16:A:SER:HB3	1:19:A:ALA:HB2	6	0.91
(5,1689)	1:16:A:SER:HB3	1:19:A:ALA:HB3	6	0.91
(5,1641)	1:13:A:ALA:HA	1:80:A:TYR:HB3	1	0.91
(5,1596)	1:97:A:ASP:H	1:98:A:ILE:HD11	16	0.91
(5,1596)	1:97:A:ASP:H	1:98:A:ILE:HD12	16	0.91
(5,1596)	1:97:A:ASP:H	1:98:A:ILE:HD13	16	0.91
(5,1589)	1:58:A:ILE:HD11	1:61:A:SER:H	5	0.91
(5,1589)	1:58:A:ILE:HD12	1:61:A:SER:H	5	0.91
(5,1589)	1:58:A:ILE:HD13	1:61:A:SER:H	5	0.91
(5,1334)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	19	0.91
(5,1334)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	19	0.91
(5,1334)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	19	0.91
(5,1334)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	19	0.91
(5,1334)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	19	0.91
(5,1334)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	19	0.91
(5,1334)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	19	0.91
(5,1334)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	19	0.91
(5,1334)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	19	0.91
(5,1271)	1:12:A:VAL:HG11	1:40:A:LEU:HA	2	0.91
(5,1271)	1:12:A:VAL:HG12	1:40:A:LEU:HA	2	0.91
(5,1271)	1:12:A:VAL:HG13	1:40:A:LEU:HA	2	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD11	13	0.91
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD12	13	0.91
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD13	13	0.91
(5,1123)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	8	0.91
(5,1123)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	8	0.91
(5,1123)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	8	0.91
(5,1123)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	8	0.91
(5,1123)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	8	0.91
(5,1123)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	8	0.91
(5,1097)	1:141:A:LYS:HA	1:148:A:CYS:HB3	8	0.91
(5,1075)	1:54:A:ARG:HA	1:58:A:ILE:HB	5	0.91
(5,994)	1:35:A:LEU:HG	1:143:A:TRP:HB3	14	0.91
(5,936)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	9	0.91
(5,936)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	9	0.91
(5,929)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	15	0.91
(5,929)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	15	0.91
(5,929)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	15	0.91
(5,929)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	15	0.91
(5,7)	1:64:A:LYS:H	1:116:A:GLN:HE22	7	0.91
(4,1867)	1:18:A:PHE:HE1	1:61:A:SER:H	18	0.91
(4,1867)	1:18:A:PHE:HE2	1:61:A:SER:H	18	0.91
(4,1645)	1:16:A:SER:HB3	1:19:A:ALA:HB1	6	0.91
(4,1645)	1:16:A:SER:HB3	1:19:A:ALA:HB2	6	0.91
(4,1645)	1:16:A:SER:HB3	1:19:A:ALA:HB3	6	0.91
(4,1563)	1:97:A:ASP:H	1:98:A:ILE:HD11	16	0.91
(4,1563)	1:97:A:ASP:H	1:98:A:ILE:HD12	16	0.91
(4,1563)	1:97:A:ASP:H	1:98:A:ILE:HD13	16	0.91
(4,1515)	1:69:A:MET:HE1	1:76:A:ARG:HG2	5	0.91
(4,1515)	1:69:A:MET:HE1	1:76:A:ARG:HG3	5	0.91
(4,1515)	1:69:A:MET:HE2	1:76:A:ARG:HG2	5	0.91
(4,1515)	1:69:A:MET:HE2	1:76:A:ARG:HG3	5	0.91
(4,1515)	1:69:A:MET:HE3	1:76:A:ARG:HG2	5	0.91
(4,1515)	1:69:A:MET:HE3	1:76:A:ARG:HG3	5	0.91
(4,1389)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	5	0.91
(4,1389)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	5	0.91
(4,1389)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	5	0.91
(4,1379)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	8	0.91
(4,1379)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	8	0.91
(4,1379)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	8	0.91
(4,1258)	1:12:A:VAL:HG21	1:13:A:ALA:HA	19	0.91
(4,1258)	1:12:A:VAL:HG22	1:13:A:ALA:HA	19	0.91
(4,1258)	1:12:A:VAL:HG23	1:13:A:ALA:HA	19	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,918)	1:125:A:THR:HB	1:128:A:LEU:HG	14	0.91
(4,860)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	12	0.91
(4,581)	1:70:A:LYS:HB2	1:75:A:GLY:H	5	0.91
(4,581)	1:70:A:LYS:HB3	1:75:A:GLY:H	5	0.91
(3,2465)	1:134:A:VAL:HG11	1:137:A:SER:H	2	0.91
(3,2465)	1:134:A:VAL:HG12	1:137:A:SER:H	2	0.91
(3,2465)	1:134:A:VAL:HG13	1:137:A:SER:H	2	0.91
(3,2465)	1:134:A:VAL:HG21	1:137:A:SER:H	2	0.91
(3,2465)	1:134:A:VAL:HG22	1:137:A:SER:H	2	0.91
(3,2465)	1:134:A:VAL:HG23	1:137:A:SER:H	2	0.91
(3,2232)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	16	0.91
(3,2232)	1:60:A:LEU:HD11	1:122:A:ASP:HB3	16	0.91
(3,2232)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	16	0.91
(3,2232)	1:60:A:LEU:HD12	1:122:A:ASP:HB3	16	0.91
(3,2232)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	16	0.91
(3,2232)	1:60:A:LEU:HD13	1:122:A:ASP:HB3	16	0.91
(3,2232)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	16	0.91
(3,2232)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	16	0.91
(3,2232)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	16	0.91
(3,2232)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	16	0.91
(3,2232)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	16	0.91
(3,2232)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	16	0.91
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD11	10	0.91
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD12	10	0.91
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD13	10	0.91
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD21	10	0.91
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD22	10	0.91
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD23	10	0.91
(3,2104)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	18	0.91
(3,2104)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	18	0.91
(3,2104)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	18	0.91
(3,2104)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	18	0.91
(3,2104)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	18	0.91
(3,2104)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	18	0.91
(3,2104)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	18	0.91
(3,2104)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	18	0.91
(3,2104)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	18	0.91
(3,2104)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	18	0.91
(3,2104)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	18	0.91
(3,2104)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	18	0.91
(3,2054)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	13	0.91
(3,2054)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	13	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2054)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	13	0.91
(3,2054)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	13	0.91
(3,2054)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	13	0.91
(3,2054)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	13	0.91
(3,2054)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	13	0.91
(3,2054)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	13	0.91
(3,2054)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	13	0.91
(3,2054)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	13	0.91
(3,2054)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	13	0.91
(3,2054)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	13	0.91
(3,1982)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	17	0.91
(3,1982)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	17	0.91
(3,1982)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	17	0.91
(3,1982)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	17	0.91
(3,1982)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	17	0.91
(3,1982)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	17	0.91
(3,1886)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	17	0.91
(3,1886)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	17	0.91
(3,1742)	1:67:A:PRO:HD2	1:95:A:ILE:HA	17	0.91
(3,1689)	1:69:A:MET:HE1	1:116:A:GLN:HG3	14	0.91
(3,1689)	1:69:A:MET:HE2	1:116:A:GLN:HG3	14	0.91
(3,1689)	1:69:A:MET:HE3	1:116:A:GLN:HG3	14	0.91
(3,1615)	1:97:A:ASP:H	1:98:A:ILE:HD11	16	0.91
(3,1615)	1:97:A:ASP:H	1:98:A:ILE:HD12	16	0.91
(3,1615)	1:97:A:ASP:H	1:98:A:ILE:HD13	16	0.91
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	15	0.91
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	15	0.91
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	15	0.91
(3,1010)	1:35:A:LEU:HG	1:143:A:TRP:HB3	18	0.91
(3,966)	1:39:A:VAL:HA	1:140:A:LEU:HD11	5	0.91
(3,966)	1:39:A:VAL:HA	1:140:A:LEU:HD12	5	0.91
(3,966)	1:39:A:VAL:HA	1:140:A:LEU:HD13	5	0.91
(3,945)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	15	0.91
(3,945)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	15	0.91
(3,945)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	15	0.91
(3,945)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	15	0.91
(3,887)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.91
(3,887)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.91
(3,887)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.91
(3,887)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.91
(3,887)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.91
(3,887)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,878)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	12	0.91
(3,811)	1:11:A:ILE:HD11	1:43:A:MET:HG2	10	0.91
(3,811)	1:11:A:ILE:HD12	1:43:A:MET:HG2	10	0.91
(3,811)	1:11:A:ILE:HD13	1:43:A:MET:HG2	10	0.91
(3,778)	1:101:A:ILE:HD11	1:118:A:ASP:HB3	19	0.91
(3,778)	1:101:A:ILE:HD12	1:118:A:ASP:HB3	19	0.91
(3,778)	1:101:A:ILE:HD13	1:118:A:ASP:HB3	19	0.91
(3,585)	1:50:A:ALA:HB1	1:126:A:GLY:H	2	0.91
(3,585)	1:50:A:ALA:HB2	1:126:A:GLY:H	2	0.91
(3,585)	1:50:A:ALA:HB3	1:126:A:GLY:H	2	0.91
(3,425)	1:100:A:ALA:H	1:119:A:LEU:HB3	2	0.91
(3,47)	1:98:A:ILE:H	1:104:A:PHE:HB3	16	0.91
(3,9)	1:64:A:LYS:H	1:116:A:GLN:HE22	7	0.91
(2,2471)	1:145:A:PRO:HB2	1:148:A:CYS:HB2	3	0.91
(2,2471)	1:145:A:PRO:HB2	1:148:A:CYS:HB3	3	0.91
(2,2297)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	14	0.91
(2,2297)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	14	0.91
(2,2275)	1:70:A:LYS:HG2	1:71:A:LYS:H	5	0.91
(2,2275)	1:70:A:LYS:HG3	1:71:A:LYS:H	5	0.91
(2,2227)	1:60:A:LEU:HG	1:61:A:SER:HB2	17	0.91
(2,2227)	1:60:A:LEU:HG	1:61:A:SER:HB3	17	0.91
(2,2096)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	0.91
(2,2096)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	0.91
(2,2096)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	0.91
(2,2096)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	3	0.91
(2,2096)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	3	0.91
(2,2096)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	3	0.91
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	17	0.91
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	17	0.91
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	17	0.91
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	17	0.91
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	17	0.91
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	17	0.91
(2,1884)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	17	0.91
(2,1884)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	17	0.91
(2,1685)	1:16:A:SER:HB3	1:19:A:ALA:HB1	6	0.91
(2,1685)	1:16:A:SER:HB3	1:19:A:ALA:HB2	6	0.91
(2,1685)	1:16:A:SER:HB3	1:19:A:ALA:HB3	6	0.91
(2,1596)	1:97:A:ASP:H	1:98:A:ILE:HD11	16	0.91
(2,1596)	1:97:A:ASP:H	1:98:A:ILE:HD12	16	0.91
(2,1596)	1:97:A:ASP:H	1:98:A:ILE:HD13	16	0.91
(2,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	15	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	15	0.91
(2,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	15	0.91
(2,1080)	1:141:A:LYS:HA	1:148:A:CYS:HB3	8	0.91
(2,909)	1:44:A:GLU:HG3	1:45:A:ALA:HA	10	0.91
(2,685)	1:145:A:PRO:HB3	1:148:A:CYS:H	16	0.91
(2,41)	1:98:A:ILE:H	1:104:A:PHE:HB2	16	0.91
(2,41)	1:98:A:ILE:H	1:104:A:PHE:HB3	16	0.91
(1,2072)	1:35:A:LEU:HD11	1:143:A:TRP:HB2	9	0.91
(1,2072)	1:35:A:LEU:HD12	1:143:A:TRP:HB2	9	0.91
(1,2072)	1:35:A:LEU:HD13	1:143:A:TRP:HB2	9	0.91
(1,2072)	1:35:A:LEU:HD21	1:143:A:TRP:HB2	9	0.91
(1,2072)	1:35:A:LEU:HD22	1:143:A:TRP:HB2	9	0.91
(1,2072)	1:35:A:LEU:HD23	1:143:A:TRP:HB2	9	0.91
(1,2005)	1:18:A:PHE:HB2	1:132:A:ALA:HA	12	0.91
(1,2005)	1:18:A:PHE:HB3	1:132:A:ALA:HA	12	0.91
(1,1882)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	12	0.91
(1,1882)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	12	0.91
(1,1873)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	17	0.91
(1,1873)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	17	0.91
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	5	0.91
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	5	0.91
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	5	0.91
(1,1516)	1:43:A:MET:HE1	1:44:A:GLU:HA	7	0.91
(1,1516)	1:43:A:MET:HE2	1:44:A:GLU:HA	7	0.91
(1,1516)	1:43:A:MET:HE3	1:44:A:GLU:HA	7	0.91
(1,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	15	0.91
(1,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	15	0.91
(1,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	15	0.91
(1,1412)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	5	0.91
(1,1412)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	5	0.91
(1,1412)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	5	0.91
(1,1264)	1:12:A:VAL:HG11	1:40:A:LEU:HA	2	0.91
(1,1264)	1:12:A:VAL:HG12	1:40:A:LEU:HA	2	0.91
(1,1264)	1:12:A:VAL:HG13	1:40:A:LEU:HA	2	0.91
(1,1211)	1:41:A:LYS:HG3	1:44:A:GLU:HG3	5	0.91
(1,1176)	1:136:A:CYS:HA	1:140:A:LEU:HD21	12	0.91
(1,1176)	1:136:A:CYS:HA	1:140:A:LEU:HD22	12	0.91
(1,1176)	1:136:A:CYS:HA	1:140:A:LEU:HD23	12	0.91
(1,1009)	1:105:A:LYS:HD2	1:107:A:LEU:H	1	0.91
(1,1009)	1:105:A:LYS:HD3	1:107:A:LEU:H	1	0.91
(1,978)	1:66:A:THR:H	1:96:A:VAL:HB	18	0.91
(1,888)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,888)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.91
(1,888)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.91
(1,888)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.91
(1,888)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.91
(1,888)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.91
(1,572)	1:63:A:ILE:HG21	1:116:A:GLN:H	11	0.91
(1,572)	1:63:A:ILE:HG22	1:116:A:GLN:H	11	0.91
(1,572)	1:63:A:ILE:HG23	1:116:A:GLN:H	11	0.91
(1,472)	1:12:A:VAL:HG11	1:14:A:VAL:H	14	0.91
(1,472)	1:12:A:VAL:HG12	1:14:A:VAL:H	14	0.91
(1,472)	1:12:A:VAL:HG13	1:14:A:VAL:H	14	0.91
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD1	4	0.91
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD2	4	0.91
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD1	17	0.91
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD2	17	0.91
(1,201)	1:44:A:GLU:H	1:44:A:GLU:HG3	9	0.91
(1,9)	1:64:A:LYS:H	1:116:A:GLN:HE22	7	0.91
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE1	4	0.9
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE2	4	0.9
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE3	4	0.9
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE1	4	0.9
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE2	4	0.9
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE3	4	0.9
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE1	4	0.9
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE2	4	0.9
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE3	4	0.9
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE1	4	0.9
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE2	4	0.9
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE3	4	0.9
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE1	4	0.9
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE2	4	0.9
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE3	4	0.9
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE1	4	0.9
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE2	4	0.9
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE3	4	0.9
(34,2129)	1:39:A:VAL:HG11	1:144:A:LEU:HD21	14	0.9
(34,2129)	1:39:A:VAL:HG11	1:144:A:LEU:HD22	14	0.9
(34,2129)	1:39:A:VAL:HG11	1:144:A:LEU:HD23	14	0.9
(34,2129)	1:39:A:VAL:HG12	1:144:A:LEU:HD21	14	0.9
(34,2129)	1:39:A:VAL:HG12	1:144:A:LEU:HD22	14	0.9
(34,2129)	1:39:A:VAL:HG12	1:144:A:LEU:HD23	14	0.9
(34,2129)	1:39:A:VAL:HG13	1:144:A:LEU:HD21	14	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2129)	1:39:A:VAL:HG13	1:144:A:LEU:HD22	14	0.9
(34,2129)	1:39:A:VAL:HG13	1:144:A:LEU:HD23	14	0.9
(34,2129)	1:39:A:VAL:HG21	1:144:A:LEU:HD21	14	0.9
(34,2129)	1:39:A:VAL:HG21	1:144:A:LEU:HD22	14	0.9
(34,2129)	1:39:A:VAL:HG21	1:144:A:LEU:HD23	14	0.9
(34,2129)	1:39:A:VAL:HG22	1:144:A:LEU:HD21	14	0.9
(34,2129)	1:39:A:VAL:HG22	1:144:A:LEU:HD22	14	0.9
(34,2129)	1:39:A:VAL:HG22	1:144:A:LEU:HD23	14	0.9
(34,2129)	1:39:A:VAL:HG23	1:144:A:LEU:HD21	14	0.9
(34,2129)	1:39:A:VAL:HG23	1:144:A:LEU:HD22	14	0.9
(34,2129)	1:39:A:VAL:HG23	1:144:A:LEU:HD23	14	0.9
(34,2000)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	9	0.9
(34,2000)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	9	0.9
(34,2000)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	9	0.9
(34,2000)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	9	0.9
(34,2000)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	9	0.9
(34,2000)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	9	0.9
(34,2000)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	9	0.9
(34,2000)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	9	0.9
(34,2000)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	9	0.9
(34,2000)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	9	0.9
(34,2000)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	9	0.9
(34,2000)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	9	0.9
(34,2000)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	9	0.9
(34,2000)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	9	0.9
(34,2000)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	9	0.9
(34,2000)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	9	0.9
(34,2000)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	9	0.9
(34,2000)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	9	0.9
(34,1855)	1:79:A:THR:HB	1:80:A:TYR:HE1	12	0.9
(34,1855)	1:79:A:THR:HB	1:80:A:TYR:HE2	12	0.9
(34,1775)	1:97:A:ASP:HA	1:105:A:LYS:HG3	7	0.9
(34,1775)	1:97:A:ASP:HA	1:105:A:LYS:HG3	9	0.9
(34,1721)	1:67:A:PRO:HD2	1:95:A:ILE:HA	17	0.9
(34,1633)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	10	0.9
(34,1633)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	10	0.9
(34,1633)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	10	0.9
(34,1633)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	10	0.9
(34,1633)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	10	0.9
(34,1633)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	10	0.9
(34,1057)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	3	0.9
(34,832)	1:114:A:ILE:HD11	1:117:A:VAL:H	6	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,832)	1:114:A:ILE:HD12	1:117:A:VAL:H	6	0.9
(34,832)	1:114:A:ILE:HD13	1:117:A:VAL:H	6	0.9
(34,505)	1:97:A:ASP:HB2	1:105:A:LYS:H	13	0.9
(34,505)	1:97:A:ASP:HB3	1:105:A:LYS:H	13	0.9
(33,2263)	1:70:A:LYS:HG2	1:71:A:LYS:H	5	0.9
(33,2263)	1:70:A:LYS:HG3	1:71:A:LYS:H	5	0.9
(33,2086)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	13	0.9
(33,2086)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	13	0.9
(33,2086)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	13	0.9
(33,2086)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	13	0.9
(33,2086)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	13	0.9
(33,2086)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	13	0.9
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	11	0.9
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	11	0.9
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	11	0.9
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	11	0.9
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	11	0.9
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	11	0.9
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	11	0.9
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	11	0.9
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	11	0.9
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	11	0.9
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	11	0.9
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	11	0.9
(33,1914)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	19	0.9
(33,1893)	1:18:A:PHE:HE1	1:117:A:VAL:HA	8	0.9
(33,1893)	1:18:A:PHE:HE2	1:117:A:VAL:HA	8	0.9
(33,1840)	1:79:A:THR:HB	1:80:A:TYR:HE1	12	0.9
(33,1840)	1:79:A:THR:HB	1:80:A:TYR:HE2	12	0.9
(33,1788)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	18	0.9
(33,1788)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	18	0.9
(33,1788)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	18	0.9
(33,1788)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	18	0.9
(33,1157)	1:13:A:ALA:HB1	1:80:A:TYR:HA	9	0.9
(33,1157)	1:13:A:ALA:HB2	1:80:A:TYR:HA	9	0.9
(33,1157)	1:13:A:ALA:HB3	1:80:A:TYR:HA	9	0.9
(33,1041)	1:11:A:ILE:HA	1:14:A:VAL:HB	14	0.9
(33,994)	1:114:A:ILE:HA	1:117:A:VAL:HB	15	0.9
(33,971)	1:141:A:LYS:HB2	1:149:A:ALA:HA	4	0.9
(33,971)	1:141:A:LYS:HB3	1:149:A:ALA:HA	4	0.9
(33,881)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	3	0.9
(33,881)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	3	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,831)	1:114:A:ILE:HD11	1:117:A:VAL:H	6	0.9
(33,831)	1:114:A:ILE:HD12	1:117:A:VAL:H	6	0.9
(33,831)	1:114:A:ILE:HD13	1:117:A:VAL:H	6	0.9
(33,397)	1:105:A:LYS:HG3	1:106:A:ASP:H	3	0.9
(33,340)	1:120:A:CYS:HA	1:123:A:CYS:H	11	0.9
(32,2119)	1:41:A:LYS:HG2	1:44:A:GLU:HG2	4	0.9
(32,2119)	1:41:A:LYS:HG2	1:44:A:GLU:HG3	4	0.9
(32,2119)	1:41:A:LYS:HG3	1:44:A:GLU:HG2	4	0.9
(32,2119)	1:41:A:LYS:HG3	1:44:A:GLU:HG3	4	0.9
(32,1810)	1:79:A:THR:HB	1:80:A:TYR:HE1	4	0.9
(32,1810)	1:79:A:THR:HB	1:80:A:TYR:HE2	4	0.9
(32,1589)	1:13:A:ALA:HA	1:80:A:TYR:HB3	19	0.9
(32,963)	1:114:A:ILE:HA	1:117:A:VAL:HB	15	0.9
(32,962)	1:102:A:PRO:HA	1:105:A:LYS:HB2	2	0.9
(32,962)	1:102:A:PRO:HA	1:105:A:LYS:HB3	2	0.9
(32,808)	1:114:A:ILE:HD11	1:117:A:VAL:H	6	0.9
(32,808)	1:114:A:ILE:HD12	1:117:A:VAL:H	6	0.9
(32,808)	1:114:A:ILE:HD13	1:117:A:VAL:H	6	0.9
(32,330)	1:120:A:CYS:HA	1:123:A:CYS:H	11	0.9
(30,2426)	1:136:A:CYS:HB2	1:141:A:LYS:HA	3	0.9
(30,2426)	1:136:A:CYS:HB3	1:141:A:LYS:HA	3	0.9
(30,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	12	0.9
(30,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	12	0.9
(30,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	12	0.9
(30,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	12	0.9
(30,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	12	0.9
(30,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	12	0.9
(30,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	12	0.9
(30,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	12	0.9
(30,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	12	0.9
(30,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	12	0.9
(30,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	12	0.9
(30,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	12	0.9
(30,2005)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	18	0.9
(30,2005)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	18	0.9
(30,2005)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	18	0.9
(30,2005)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	18	0.9
(30,2005)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	18	0.9
(30,2005)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	18	0.9
(30,1975)	1:12:A:VAL:HG11	1:43:A:MET:HE1	11	0.9
(30,1975)	1:12:A:VAL:HG11	1:43:A:MET:HE2	11	0.9
(30,1975)	1:12:A:VAL:HG11	1:43:A:MET:HE3	11	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1975)	1:12:A:VAL:HG12	1:43:A:MET:HE1	11	0.9
(30,1975)	1:12:A:VAL:HG12	1:43:A:MET:HE2	11	0.9
(30,1975)	1:12:A:VAL:HG12	1:43:A:MET:HE3	11	0.9
(30,1975)	1:12:A:VAL:HG13	1:43:A:MET:HE1	11	0.9
(30,1975)	1:12:A:VAL:HG13	1:43:A:MET:HE2	11	0.9
(30,1975)	1:12:A:VAL:HG13	1:43:A:MET:HE3	11	0.9
(30,1975)	1:12:A:VAL:HG21	1:43:A:MET:HE1	11	0.9
(30,1975)	1:12:A:VAL:HG21	1:43:A:MET:HE2	11	0.9
(30,1975)	1:12:A:VAL:HG21	1:43:A:MET:HE3	11	0.9
(30,1975)	1:12:A:VAL:HG22	1:43:A:MET:HE1	11	0.9
(30,1975)	1:12:A:VAL:HG22	1:43:A:MET:HE2	11	0.9
(30,1975)	1:12:A:VAL:HG22	1:43:A:MET:HE3	11	0.9
(30,1975)	1:12:A:VAL:HG23	1:43:A:MET:HE1	11	0.9
(30,1975)	1:12:A:VAL:HG23	1:43:A:MET:HE2	11	0.9
(30,1975)	1:12:A:VAL:HG23	1:43:A:MET:HE3	11	0.9
(30,1896)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	14	0.9
(30,1896)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	14	0.9
(30,1896)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	14	0.9
(30,1896)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	14	0.9
(30,1896)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	14	0.9
(30,1896)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	14	0.9
(30,1766)	1:39:A:VAL:HG21	1:144:A:LEU:H	1	0.9
(30,1766)	1:39:A:VAL:HG22	1:144:A:LEU:H	1	0.9
(30,1766)	1:39:A:VAL:HG23	1:144:A:LEU:H	1	0.9
(30,1458)	1:15:A:ALA:HB1	1:132:A:ALA:HA	13	0.9
(30,1458)	1:15:A:ALA:HB2	1:132:A:ALA:HA	13	0.9
(30,1458)	1:15:A:ALA:HB3	1:132:A:ALA:HA	13	0.9
(30,984)	1:114:A:ILE:HA	1:117:A:VAL:HB	15	0.9
(30,824)	1:114:A:ILE:HD11	1:117:A:VAL:H	6	0.9
(30,824)	1:114:A:ILE:HD12	1:117:A:VAL:H	6	0.9
(30,824)	1:114:A:ILE:HD13	1:117:A:VAL:H	6	0.9
(30,581)	1:129:A:LYS:HG2	1:130:A:GLY:H	1	0.9
(30,561)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	13	0.9
(30,482)	1:145:A:PRO:HB2	1:148:A:CYS:H	7	0.9
(30,342)	1:120:A:CYS:HA	1:123:A:CYS:H	11	0.9
(29,2398)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	12	0.9
(29,2398)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	12	0.9
(29,2398)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	12	0.9
(29,2398)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	12	0.9
(29,2398)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	12	0.9
(29,2398)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	12	0.9
(29,2398)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	12	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2398)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	12	0.9
(29,2398)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	12	0.9
(29,2398)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	12	0.9
(29,2398)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	12	0.9
(29,2398)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	12	0.9
(29,2286)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	15	0.9
(29,2286)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	15	0.9
(29,2286)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	15	0.9
(29,2286)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	15	0.9
(29,2286)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	15	0.9
(29,2286)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	15	0.9
(29,2286)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	15	0.9
(29,2286)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	15	0.9
(29,2286)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	15	0.9
(29,2286)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	15	0.9
(29,2286)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	15	0.9
(29,2286)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	15	0.9
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD11	17	0.9
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD12	17	0.9
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD13	17	0.9
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD21	17	0.9
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD22	17	0.9
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD23	17	0.9
(29,1920)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	9	0.9
(29,1920)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	9	0.9
(29,1865)	1:79:A:THR:HB	1:80:A:TYR:HE1	12	0.9
(29,1865)	1:79:A:THR:HB	1:80:A:TYR:HE2	12	0.9
(29,1816)	1:71:A:LYS:HE2	1:72:A:PHE:HD1	11	0.9
(29,1816)	1:71:A:LYS:HE2	1:72:A:PHE:HD2	11	0.9
(29,1816)	1:71:A:LYS:HE3	1:72:A:PHE:HD1	11	0.9
(29,1816)	1:71:A:LYS:HE3	1:72:A:PHE:HD2	11	0.9
(29,1784)	1:39:A:VAL:HG21	1:144:A:LEU:H	1	0.9
(29,1784)	1:39:A:VAL:HG22	1:144:A:LEU:H	1	0.9
(29,1784)	1:39:A:VAL:HG23	1:144:A:LEU:H	1	0.9
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE1	15	0.9
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE2	15	0.9
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE3	15	0.9
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	7	0.9
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	7	0.9
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	7	0.9
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	7	0.9
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	7	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	7	0.9
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	7	0.9
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	7	0.9
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	7	0.9
(29,1386)	1:12:A:VAL:HG11	1:13:A:ALA:HA	17	0.9
(29,1386)	1:12:A:VAL:HG12	1:13:A:ALA:HA	17	0.9
(29,1386)	1:12:A:VAL:HG13	1:13:A:ALA:HA	17	0.9
(29,1292)	1:12:A:VAL:HG21	1:13:A:ALA:HA	7	0.9
(29,1292)	1:12:A:VAL:HG22	1:13:A:ALA:HA	7	0.9
(29,1292)	1:12:A:VAL:HG23	1:13:A:ALA:HA	7	0.9
(29,1292)	1:12:A:VAL:HG21	1:13:A:ALA:HA	8	0.9
(29,1292)	1:12:A:VAL:HG22	1:13:A:ALA:HA	8	0.9
(29,1292)	1:12:A:VAL:HG23	1:13:A:ALA:HA	8	0.9
(29,1292)	1:12:A:VAL:HG21	1:13:A:ALA:HA	15	0.9
(29,1292)	1:12:A:VAL:HG22	1:13:A:ALA:HA	15	0.9
(29,1292)	1:12:A:VAL:HG23	1:13:A:ALA:HA	15	0.9
(29,1001)	1:114:A:ILE:HA	1:117:A:VAL:HB	15	0.9
(29,970)	1:15:A:ALA:HB1	1:43:A:MET:HB2	19	0.9
(29,970)	1:15:A:ALA:HB2	1:43:A:MET:HB2	19	0.9
(29,970)	1:15:A:ALA:HB3	1:43:A:MET:HB2	19	0.9
(29,840)	1:114:A:ILE:HD11	1:117:A:VAL:H	6	0.9
(29,840)	1:114:A:ILE:HD12	1:117:A:VAL:H	6	0.9
(29,840)	1:114:A:ILE:HD13	1:117:A:VAL:H	6	0.9
(29,564)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	13	0.9
(29,502)	1:101:A:ILE:HG21	1:105:A:LYS:H	19	0.9
(29,502)	1:101:A:ILE:HG22	1:105:A:LYS:H	19	0.9
(29,502)	1:101:A:ILE:HG23	1:105:A:LYS:H	19	0.9
(29,339)	1:120:A:CYS:HA	1:123:A:CYS:H	11	0.9
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE1	16	0.9
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE2	16	0.9
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE3	16	0.9
(22,38)	1:120:A:CYS:N	1:116:A:GLN:C	3	0.9
(22,37)	1:120:A:CYS:H	1:116:A:GLN:C	5	0.9
(22,37)	1:120:A:CYS:H	1:116:A:GLN:C	9	0.9
(22,37)	1:120:A:CYS:H	1:116:A:GLN:C	15	0.9
(22,37)	1:120:A:CYS:H	1:116:A:GLN:C	18	0.9
(22,29)	1:116:A:GLN:H	1:112:A:GLN:C	6	0.9
(22,29)	1:116:A:GLN:H	1:112:A:GLN:C	7	0.9
(22,29)	1:116:A:GLN:H	1:112:A:GLN:C	18	0.9
(22,29)	1:116:A:GLN:H	1:112:A:GLN:C	19	0.9
(22,25)	1:114:A:ILE:H	1:110:A:MET:C	8	0.9
(22,25)	1:114:A:ILE:H	1:110:A:MET:C	15	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(22,24)	1:113:A:PHE:N	1:109:A:PRO:C	6	0.9
(22,24)	1:113:A:PHE:N	1:109:A:PRO:C	11	0.9
(22,24)	1:113:A:PHE:N	1:109:A:PRO:C	16	0.9
(22,23)	1:113:A:PHE:H	1:109:A:PRO:C	8	0.9
(22,23)	1:113:A:PHE:H	1:109:A:PRO:C	17	0.9
(22,21)	1:107:A:LEU:H	1:103:A:ARG:C	1	0.9
(22,13)	1:60:A:LEU:H	1:56:A:CYS:C	15	0.9
(18,2241)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	10	0.9
(18,2241)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	10	0.9
(18,2241)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	10	0.9
(18,2241)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	10	0.9
(18,1892)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	9	0.9
(18,1892)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	9	0.9
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	2	0.9
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	2	0.9
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	2	0.9
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	2	0.9
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	2	0.9
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	2	0.9
(18,1774)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	4	0.9
(18,1774)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	4	0.9
(18,1774)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	4	0.9
(18,1774)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	4	0.9
(18,1774)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	4	0.9
(18,1774)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	4	0.9
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	5	0.9
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	5	0.9
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	5	0.9
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	5	0.9
(18,1197)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	9	0.9
(18,1197)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	9	0.9
(18,1197)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	9	0.9
(18,1197)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	18	0.9
(18,1197)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	18	0.9
(18,1197)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	18	0.9
(18,1000)	1:114:A:ILE:HA	1:117:A:VAL:HB	15	0.9
(18,869)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	13	0.9
(18,837)	1:114:A:ILE:HD11	1:117:A:VAL:H	6	0.9
(18,837)	1:114:A:ILE:HD12	1:117:A:VAL:H	6	0.9
(18,837)	1:114:A:ILE:HD13	1:117:A:VAL:H	6	0.9
(18,602)	1:75:A:GLY:H	1:77:A:CYS:HB3	17	0.9
(18,509)	1:97:A:ASP:HB2	1:105:A:LYS:H	13	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,509)	1:97:A:ASP:HB3	1:105:A:LYS:H	13	0.9
(18,350)	1:120:A:CYS:HA	1:123:A:CYS:H	11	0.9
(17,2459)	1:141:A:LYS:H	1:148:A:CYS:HB2	8	0.9
(17,2459)	1:141:A:LYS:H	1:148:A:CYS:HB3	8	0.9
(17,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	12	0.9
(17,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	12	0.9
(17,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	12	0.9
(17,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	12	0.9
(17,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	12	0.9
(17,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	12	0.9
(17,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	12	0.9
(17,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	12	0.9
(17,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	12	0.9
(17,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	12	0.9
(17,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	12	0.9
(17,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	12	0.9
(17,2221)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	7	0.9
(17,2221)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	7	0.9
(17,2221)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	7	0.9
(17,2221)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	7	0.9
(17,2221)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	7	0.9
(17,2221)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	7	0.9
(17,2221)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	7	0.9
(17,2221)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	7	0.9
(17,2221)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	7	0.9
(17,2221)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	7	0.9
(17,2221)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	7	0.9
(17,2221)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	7	0.9
(17,2221)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	7	0.9
(17,2221)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	7	0.9
(17,2221)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	7	0.9
(17,2221)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	7	0.9
(17,2221)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	7	0.9
(17,2221)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	7	0.9
(17,2221)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	7	0.9
(17,2221)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	7	0.9
(17,2221)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	7	0.9
(17,2221)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	7	0.9
(17,2221)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	7	0.9
(17,2221)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	7	0.9
(17,2221)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	7	0.9
(17,2221)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	7	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2221)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	7	0.9
(17,2221)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	7	0.9
(17,2221)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	7	0.9
(17,2221)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	7	0.9
(17,2221)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	7	0.9
(17,2221)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	7	0.9
(17,2221)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	7	0.9
(17,2221)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	7	0.9
(17,2221)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	7	0.9
(17,2221)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	7	0.9
(17,2150)	1:40:A:LEU:HD11	1:44:A:GLU:HG2	15	0.9
(17,2150)	1:40:A:LEU:HD12	1:44:A:GLU:HG2	15	0.9
(17,2150)	1:40:A:LEU:HD13	1:44:A:GLU:HG2	15	0.9
(17,2150)	1:40:A:LEU:HD21	1:44:A:GLU:HG2	15	0.9
(17,2150)	1:40:A:LEU:HD22	1:44:A:GLU:HG2	15	0.9
(17,2150)	1:40:A:LEU:HD23	1:44:A:GLU:HG2	15	0.9
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	6	0.9
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	6	0.9
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	6	0.9
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	6	0.9
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	6	0.9
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	6	0.9
(17,1778)	1:39:A:VAL:HG21	1:144:A:LEU:H	1	0.9
(17,1778)	1:39:A:VAL:HG22	1:144:A:LEU:H	1	0.9
(17,1778)	1:39:A:VAL:HG23	1:144:A:LEU:H	1	0.9
(17,1643)	1:13:A:ALA:HA	1:80:A:TYR:HB3	19	0.9
(17,1290)	1:12:A:VAL:HG11	1:13:A:ALA:HA	17	0.9
(17,1290)	1:12:A:VAL:HG12	1:13:A:ALA:HA	17	0.9
(17,1290)	1:12:A:VAL:HG13	1:13:A:ALA:HA	17	0.9
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	17	0.9
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	17	0.9
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	17	0.9
(17,996)	1:114:A:ILE:HA	1:117:A:VAL:HB	15	0.9
(17,835)	1:114:A:ILE:HD11	1:117:A:VAL:H	6	0.9
(17,835)	1:114:A:ILE:HD12	1:117:A:VAL:H	6	0.9
(17,835)	1:114:A:ILE:HD13	1:117:A:VAL:H	6	0.9
(17,488)	1:97:A:ASP:HB2	1:105:A:LYS:H	13	0.9
(17,488)	1:97:A:ASP:HB3	1:105:A:LYS:H	13	0.9
(17,337)	1:120:A:CYS:HA	1:123:A:CYS:H	11	0.9
(16,2415)	1:130:A:GLY:H	1:133:A:ASN:HB2	19	0.9
(16,2415)	1:130:A:GLY:H	1:133:A:ASN:HB3	19	0.9
(16,2353)	1:113:A:PHE:HD1	1:116:A:GLN:HG2	1	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2353)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	1	0.9
(16,2353)	1:113:A:PHE:HD2	1:116:A:GLN:HG2	1	0.9
(16,2353)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	1	0.9
(16,2092)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	13	0.9
(16,2092)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	13	0.9
(16,2092)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	13	0.9
(16,2092)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	13	0.9
(16,2092)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	13	0.9
(16,2092)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	13	0.9
(16,1998)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	18	0.9
(16,1998)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	18	0.9
(16,1998)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	18	0.9
(16,1998)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	18	0.9
(16,1998)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	18	0.9
(16,1998)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	18	0.9
(16,1937)	1:10:A:ASN:HD21	1:15:A:ALA:H	5	0.9
(16,1937)	1:10:A:ASN:HD22	1:15:A:ALA:H	5	0.9
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	2	0.9
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	2	0.9
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	2	0.9
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	2	0.9
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	2	0.9
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	2	0.9
(16,1756)	1:39:A:VAL:HG21	1:144:A:LEU:H	1	0.9
(16,1756)	1:39:A:VAL:HG22	1:144:A:LEU:H	1	0.9
(16,1756)	1:39:A:VAL:HG23	1:144:A:LEU:H	1	0.9
(16,1563)	1:58:A:ILE:HD11	1:61:A:SER:H	9	0.9
(16,1563)	1:58:A:ILE:HD12	1:61:A:SER:H	9	0.9
(16,1563)	1:58:A:ILE:HD13	1:61:A:SER:H	9	0.9
(16,1531)	1:69:A:MET:HE1	1:76:A:ARG:HG2	10	0.9
(16,1531)	1:69:A:MET:HE1	1:76:A:ARG:HG3	10	0.9
(16,1531)	1:69:A:MET:HE2	1:76:A:ARG:HG2	10	0.9
(16,1531)	1:69:A:MET:HE2	1:76:A:ARG:HG3	10	0.9
(16,1531)	1:69:A:MET:HE3	1:76:A:ARG:HG2	10	0.9
(16,1531)	1:69:A:MET:HE3	1:76:A:ARG:HG3	10	0.9
(16,1530)	1:69:A:MET:HE1	1:76:A:ARG:HB3	14	0.9
(16,1530)	1:69:A:MET:HE2	1:76:A:ARG:HB3	14	0.9
(16,1530)	1:69:A:MET:HE3	1:76:A:ARG:HB3	14	0.9
(16,1051)	1:11:A:ILE:HG12	1:43:A:MET:HB3	5	0.9
(16,1010)	1:114:A:ILE:HA	1:117:A:VAL:HB	15	0.9
(16,945)	1:79:A:THR:HG21	1:81:A:GLU:HG2	8	0.9
(16,945)	1:79:A:THR:HG21	1:81:A:GLU:HG3	8	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,945)	1:79:A:THR:HG22	1:81:A:GLU:HG2	8	0.9
(16,945)	1:79:A:THR:HG22	1:81:A:GLU:HG3	8	0.9
(16,945)	1:79:A:THR:HG23	1:81:A:GLU:HG2	8	0.9
(16,945)	1:79:A:THR:HG23	1:81:A:GLU:HG3	8	0.9
(16,835)	1:114:A:ILE:HD11	1:117:A:VAL:H	6	0.9
(16,835)	1:114:A:ILE:HD12	1:117:A:VAL:H	6	0.9
(16,835)	1:114:A:ILE:HD13	1:117:A:VAL:H	6	0.9
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	10	0.9
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	10	0.9
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	10	0.9
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	10	0.9
(16,727)	1:63:A:ILE:HG12	1:116:A:GLN:HE22	19	0.9
(16,658)	1:79:A:THR:H	1:80:A:TYR:HD1	4	0.9
(16,658)	1:79:A:THR:H	1:80:A:TYR:HD2	4	0.9
(16,345)	1:120:A:CYS:HA	1:123:A:CYS:H	11	0.9
(15,2498)	1:145:A:PRO:HD2	1:147:A:ARG:H	4	0.9
(15,2498)	1:145:A:PRO:HD3	1:147:A:ARG:H	4	0.9
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB2	18	0.9
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB3	18	0.9
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB2	18	0.9
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB3	18	0.9
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB2	18	0.9
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB3	18	0.9
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB2	18	0.9
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB3	18	0.9
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB2	18	0.9
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB3	18	0.9
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB2	18	0.9
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB3	18	0.9
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG2	12	0.9
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG3	12	0.9
(15,2319)	1:107:A:LEU:HB2	1:111:A:GLU:HG2	17	0.9
(15,2319)	1:107:A:LEU:HB2	1:111:A:GLU:HG3	17	0.9
(15,2319)	1:107:A:LEU:HB3	1:111:A:GLU:HG2	17	0.9
(15,2319)	1:107:A:LEU:HB3	1:111:A:GLU:HG3	17	0.9
(15,1453)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	14	0.9
(15,1453)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	14	0.9
(15,1453)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	14	0.9
(15,1453)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	14	0.9
(15,1453)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	14	0.9
(15,1453)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	14	0.9
(15,1453)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	14	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1453)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	14	0.9
(15,1453)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	14	0.9
(15,1386)	1:19:A:ALA:HB1	1:132:A:ALA:HA	6	0.9
(15,1386)	1:19:A:ALA:HB2	1:132:A:ALA:HA	6	0.9
(15,1386)	1:19:A:ALA:HB3	1:132:A:ALA:HA	6	0.9
(15,1281)	1:12:A:VAL:HG11	1:13:A:ALA:HA	17	0.9
(15,1281)	1:12:A:VAL:HG12	1:13:A:ALA:HA	17	0.9
(15,1281)	1:12:A:VAL:HG13	1:13:A:ALA:HA	17	0.9
(15,1175)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	4	0.9
(15,1175)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	4	0.9
(15,1175)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	4	0.9
(15,996)	1:114:A:ILE:HA	1:117:A:VAL:HB	15	0.9
(15,505)	1:101:A:ILE:HG21	1:105:A:LYS:H	19	0.9
(15,505)	1:101:A:ILE:HG22	1:105:A:LYS:H	19	0.9
(15,505)	1:101:A:ILE:HG23	1:105:A:LYS:H	19	0.9
(15,344)	1:120:A:CYS:HA	1:123:A:CYS:H	11	0.9
(13,2396)	1:130:A:GLY:H	1:133:A:ASN:HB2	19	0.9
(13,2396)	1:130:A:GLY:H	1:133:A:ASN:HB3	19	0.9
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	16	0.9
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	16	0.9
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	16	0.9
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	16	0.9
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	16	0.9
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	16	0.9
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	16	0.9
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	16	0.9
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	16	0.9
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	16	0.9
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	16	0.9
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	16	0.9
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	16	0.9
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	16	0.9
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	16	0.9
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	16	0.9
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	16	0.9
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	16	0.9
(13,2073)	1:39:A:VAL:HG11	1:144:A:LEU:HD21	14	0.9
(13,2073)	1:39:A:VAL:HG11	1:144:A:LEU:HD22	14	0.9
(13,2073)	1:39:A:VAL:HG11	1:144:A:LEU:HD23	14	0.9
(13,2073)	1:39:A:VAL:HG12	1:144:A:LEU:HD21	14	0.9
(13,2073)	1:39:A:VAL:HG12	1:144:A:LEU:HD22	14	0.9
(13,2073)	1:39:A:VAL:HG12	1:144:A:LEU:HD23	14	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2073)	1:39:A:VAL:HG13	1:144:A:LEU:HD21	14	0.9
(13,2073)	1:39:A:VAL:HG13	1:144:A:LEU:HD22	14	0.9
(13,2073)	1:39:A:VAL:HG13	1:144:A:LEU:HD23	14	0.9
(13,2073)	1:39:A:VAL:HG21	1:144:A:LEU:HD21	14	0.9
(13,2073)	1:39:A:VAL:HG21	1:144:A:LEU:HD22	14	0.9
(13,2073)	1:39:A:VAL:HG21	1:144:A:LEU:HD23	14	0.9
(13,2073)	1:39:A:VAL:HG22	1:144:A:LEU:HD21	14	0.9
(13,2073)	1:39:A:VAL:HG22	1:144:A:LEU:HD22	14	0.9
(13,2073)	1:39:A:VAL:HG22	1:144:A:LEU:HD23	14	0.9
(13,2073)	1:39:A:VAL:HG23	1:144:A:LEU:HD21	14	0.9
(13,2073)	1:39:A:VAL:HG23	1:144:A:LEU:HD22	14	0.9
(13,2073)	1:39:A:VAL:HG23	1:144:A:LEU:HD23	14	0.9
(13,2003)	1:23:A:LEU:HD11	1:27:A:ARG:HB2	12	0.9
(13,2003)	1:23:A:LEU:HD12	1:27:A:ARG:HB2	12	0.9
(13,2003)	1:23:A:LEU:HD13	1:27:A:ARG:HB2	12	0.9
(13,2003)	1:23:A:LEU:HD21	1:27:A:ARG:HB2	12	0.9
(13,2003)	1:23:A:LEU:HD22	1:27:A:ARG:HB2	12	0.9
(13,2003)	1:23:A:LEU:HD23	1:27:A:ARG:HB2	12	0.9
(13,1950)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	11	0.9
(13,1950)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	11	0.9
(13,1950)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	11	0.9
(13,1950)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	11	0.9
(13,1950)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	11	0.9
(13,1950)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	11	0.9
(13,1950)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	11	0.9
(13,1950)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	11	0.9
(13,1950)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	11	0.9
(13,1950)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	11	0.9
(13,1950)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	11	0.9
(13,1950)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	11	0.9
(13,1873)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	19	0.9
(13,1831)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	6	0.9
(13,1831)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	6	0.9
(13,1831)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	6	0.9
(13,1831)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	6	0.9
(13,1831)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	6	0.9
(13,1831)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	6	0.9
(13,1825)	1:9:A:PHE:HE1	1:14:A:VAL:HB	3	0.9
(13,1825)	1:9:A:PHE:HE2	1:14:A:VAL:HB	3	0.9
(13,1803)	1:79:A:THR:HB	1:80:A:TYR:HE1	12	0.9
(13,1803)	1:79:A:THR:HB	1:80:A:TYR:HE2	12	0.9
(13,1422)	1:31:A:PRO:HD2	1:144:A:LEU:HB3	14	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1352)	1:12:A:VAL:HG11	1:13:A:ALA:HA	17	0.9
(13,1352)	1:12:A:VAL:HG12	1:13:A:ALA:HA	17	0.9
(13,1352)	1:12:A:VAL:HG13	1:13:A:ALA:HA	17	0.9
(13,1253)	1:12:A:VAL:HG21	1:13:A:ALA:HA	7	0.9
(13,1253)	1:12:A:VAL:HG22	1:13:A:ALA:HA	7	0.9
(13,1253)	1:12:A:VAL:HG23	1:13:A:ALA:HA	7	0.9
(13,1253)	1:12:A:VAL:HG21	1:13:A:ALA:HA	8	0.9
(13,1253)	1:12:A:VAL:HG22	1:13:A:ALA:HA	8	0.9
(13,1253)	1:12:A:VAL:HG23	1:13:A:ALA:HA	8	0.9
(13,1253)	1:12:A:VAL:HG21	1:13:A:ALA:HA	15	0.9
(13,1253)	1:12:A:VAL:HG22	1:13:A:ALA:HA	15	0.9
(13,1253)	1:12:A:VAL:HG23	1:13:A:ALA:HA	15	0.9
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD11	8	0.9
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD12	8	0.9
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD13	8	0.9
(13,971)	1:114:A:ILE:HA	1:117:A:VAL:HB	15	0.9
(13,812)	1:114:A:ILE:HD11	1:117:A:VAL:H	6	0.9
(13,812)	1:114:A:ILE:HD12	1:117:A:VAL:H	6	0.9
(13,812)	1:114:A:ILE:HD13	1:117:A:VAL:H	6	0.9
(13,338)	1:120:A:CYS:HA	1:123:A:CYS:H	11	0.9
(11,2135)	1:39:A:VAL:HG11	1:144:A:LEU:H	1	0.9
(11,2135)	1:39:A:VAL:HG12	1:144:A:LEU:H	1	0.9
(11,2135)	1:39:A:VAL:HG13	1:144:A:LEU:H	1	0.9
(11,2135)	1:39:A:VAL:HG21	1:144:A:LEU:H	1	0.9
(11,2135)	1:39:A:VAL:HG22	1:144:A:LEU:H	1	0.9
(11,2135)	1:39:A:VAL:HG23	1:144:A:LEU:H	1	0.9
(11,2135)	1:39:A:VAL:HG11	1:144:A:LEU:H	13	0.9
(11,2135)	1:39:A:VAL:HG12	1:144:A:LEU:H	13	0.9
(11,2135)	1:39:A:VAL:HG13	1:144:A:LEU:H	13	0.9
(11,2135)	1:39:A:VAL:HG21	1:144:A:LEU:H	13	0.9
(11,2135)	1:39:A:VAL:HG22	1:144:A:LEU:H	13	0.9
(11,2135)	1:39:A:VAL:HG23	1:144:A:LEU:H	13	0.9
(11,2096)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	13	0.9
(11,2096)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	13	0.9
(11,2096)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	13	0.9
(11,2096)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	13	0.9
(11,2096)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	13	0.9
(11,2096)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	13	0.9
(11,2094)	1:35:A:LEU:HD11	1:143:A:TRP:HA	13	0.9
(11,2094)	1:35:A:LEU:HD12	1:143:A:TRP:HA	13	0.9
(11,2094)	1:35:A:LEU:HD13	1:143:A:TRP:HA	13	0.9
(11,2094)	1:35:A:LEU:HD21	1:143:A:TRP:HA	13	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2094)	1:35:A:LEU:HD22	1:143:A:TRP:HA	13	0.9
(11,2094)	1:35:A:LEU:HD23	1:143:A:TRP:HA	13	0.9
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD11	6	0.9
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD12	6	0.9
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD13	6	0.9
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD21	6	0.9
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD22	6	0.9
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD23	6	0.9
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD11	6	0.9
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD12	6	0.9
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD13	6	0.9
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD21	6	0.9
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD22	6	0.9
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD23	6	0.9
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD11	6	0.9
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD12	6	0.9
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD13	6	0.9
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD21	6	0.9
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD22	6	0.9
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD23	6	0.9
(11,2026)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	18	0.9
(11,2026)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	18	0.9
(11,2026)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	18	0.9
(11,2026)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	18	0.9
(11,2026)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	18	0.9
(11,2026)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	18	0.9
(11,1934)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	19	0.9
(11,1822)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	10	0.9
(11,1822)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	10	0.9
(11,1822)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	10	0.9
(11,1822)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	10	0.9
(11,1822)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	10	0.9
(11,1822)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	10	0.9
(11,1800)	1:97:A:ASP:HA	1:105:A:LYS:HG3	7	0.9
(11,1800)	1:97:A:ASP:HA	1:105:A:LYS:HG3	9	0.9
(11,1798)	1:39:A:VAL:HG21	1:144:A:LEU:H	1	0.9
(11,1798)	1:39:A:VAL:HG22	1:144:A:LEU:H	1	0.9
(11,1798)	1:39:A:VAL:HG23	1:144:A:LEU:H	1	0.9
(11,1682)	1:134:A:VAL:HG11	1:137:A:SER:H	16	0.9
(11,1682)	1:134:A:VAL:HG12	1:137:A:SER:H	16	0.9
(11,1682)	1:134:A:VAL:HG13	1:137:A:SER:H	16	0.9
(11,1681)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	13	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1681)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	13	0.9
(11,1681)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	13	0.9
(11,1659)	1:13:A:ALA:HA	1:80:A:TYR:HB3	19	0.9
(11,1605)	1:58:A:ILE:HD11	1:61:A:SER:H	9	0.9
(11,1605)	1:58:A:ILE:HD12	1:61:A:SER:H	9	0.9
(11,1605)	1:58:A:ILE:HD13	1:61:A:SER:H	9	0.9
(11,1554)	1:69:A:MET:HE1	1:76:A:ARG:HG2	4	0.9
(11,1554)	1:69:A:MET:HE1	1:76:A:ARG:HG3	4	0.9
(11,1554)	1:69:A:MET:HE2	1:76:A:ARG:HG2	4	0.9
(11,1554)	1:69:A:MET:HE2	1:76:A:ARG:HG3	4	0.9
(11,1554)	1:69:A:MET:HE3	1:76:A:ARG:HG2	4	0.9
(11,1554)	1:69:A:MET:HE3	1:76:A:ARG:HG3	4	0.9
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD11	8	0.9
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD12	8	0.9
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD13	8	0.9
(11,1242)	1:144:A:LEU:HD11	1:145:A:PRO:HD2	17	0.9
(11,1242)	1:144:A:LEU:HD12	1:145:A:PRO:HD2	17	0.9
(11,1242)	1:144:A:LEU:HD13	1:145:A:PRO:HD2	17	0.9
(11,1052)	1:11:A:ILE:HA	1:14:A:VAL:HB	4	0.9
(11,996)	1:114:A:ILE:HA	1:117:A:VAL:HB	15	0.9
(11,654)	1:79:A:THR:H	1:80:A:TYR:HD1	4	0.9
(11,654)	1:79:A:THR:H	1:80:A:TYR:HD2	4	0.9
(11,494)	1:97:A:ASP:HB2	1:105:A:LYS:H	13	0.9
(11,494)	1:97:A:ASP:HB3	1:105:A:LYS:H	13	0.9
(11,343)	1:120:A:CYS:HA	1:123:A:CYS:H	11	0.9
(9,2355)	1:130:A:GLY:H	1:133:A:ASN:HB2	19	0.9
(9,2355)	1:130:A:GLY:H	1:133:A:ASN:HB3	19	0.9
(9,1991)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	18	0.9
(9,1991)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	18	0.9
(9,1991)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	18	0.9
(9,1991)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	18	0.9
(9,1991)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	18	0.9
(9,1991)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	18	0.9
(9,1703)	1:67:A:PRO:HD2	1:95:A:ILE:HA	17	0.9
(9,1451)	1:13:A:ALA:HB1	1:78:A:HIS:HA	17	0.9
(9,1451)	1:13:A:ALA:HB2	1:78:A:HIS:HA	17	0.9
(9,1451)	1:13:A:ALA:HB3	1:78:A:HIS:HA	17	0.9
(9,1029)	1:11:A:ILE:HG12	1:43:A:MET:HB3	12	0.9
(9,988)	1:114:A:ILE:HA	1:117:A:VAL:HB	15	0.9
(9,823)	1:114:A:ILE:HD11	1:117:A:VAL:H	6	0.9
(9,823)	1:114:A:ILE:HD12	1:117:A:VAL:H	6	0.9
(9,823)	1:114:A:ILE:HD13	1:117:A:VAL:H	6	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,351)	1:120:A:CYS:HA	1:123:A:CYS:H	11	0.9
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD11	12	0.9
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD12	12	0.9
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD13	12	0.9
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD21	12	0.9
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD22	12	0.9
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD23	12	0.9
(7,1726)	1:39:A:VAL:HG21	1:144:A:LEU:H	1	0.9
(7,1726)	1:39:A:VAL:HG22	1:144:A:LEU:H	1	0.9
(7,1726)	1:39:A:VAL:HG23	1:144:A:LEU:H	1	0.9
(7,1599)	1:13:A:ALA:HA	1:80:A:TYR:HB3	19	0.9
(7,1262)	1:12:A:VAL:HG11	1:13:A:ALA:HA	17	0.9
(7,1262)	1:12:A:VAL:HG12	1:13:A:ALA:HA	17	0.9
(7,1262)	1:12:A:VAL:HG13	1:13:A:ALA:HA	17	0.9
(7,974)	1:114:A:ILE:HA	1:117:A:VAL:HB	15	0.9
(7,971)	1:12:A:VAL:HB	1:40:A:LEU:H	12	0.9
(7,835)	1:43:A:MET:HE1	1:131:A:LEU:HB3	1	0.9
(7,835)	1:43:A:MET:HE2	1:131:A:LEU:HB3	1	0.9
(7,835)	1:43:A:MET:HE3	1:131:A:LEU:HB3	1	0.9
(7,816)	1:114:A:ILE:HD11	1:117:A:VAL:H	6	0.9
(7,816)	1:114:A:ILE:HD12	1:117:A:VAL:H	6	0.9
(7,816)	1:114:A:ILE:HD13	1:117:A:VAL:H	6	0.9
(7,496)	1:97:A:ASP:HB2	1:105:A:LYS:H	13	0.9
(7,496)	1:97:A:ASP:HB3	1:105:A:LYS:H	13	0.9
(7,442)	1:68:A:LYS:H	1:70:A:LYS:HG3	8	0.9
(6,2431)	1:134:A:VAL:HG11	1:137:A:SER:H	10	0.9
(6,2431)	1:134:A:VAL:HG12	1:137:A:SER:H	10	0.9
(6,2431)	1:134:A:VAL:HG13	1:137:A:SER:H	10	0.9
(6,2431)	1:134:A:VAL:HG21	1:137:A:SER:H	10	0.9
(6,2431)	1:134:A:VAL:HG22	1:137:A:SER:H	10	0.9
(6,2431)	1:134:A:VAL:HG23	1:137:A:SER:H	10	0.9
(6,2431)	1:134:A:VAL:HG11	1:137:A:SER:H	17	0.9
(6,2431)	1:134:A:VAL:HG12	1:137:A:SER:H	17	0.9
(6,2431)	1:134:A:VAL:HG13	1:137:A:SER:H	17	0.9
(6,2431)	1:134:A:VAL:HG21	1:137:A:SER:H	17	0.9
(6,2431)	1:134:A:VAL:HG22	1:137:A:SER:H	17	0.9
(6,2431)	1:134:A:VAL:HG23	1:137:A:SER:H	17	0.9
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG2	12	0.9
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG3	12	0.9
(6,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	10	0.9
(6,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	10	0.9
(6,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	10	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	10	0.9
(6,2120)	1:39:A:VAL:HG11	1:144:A:LEU:HD21	14	0.9
(6,2120)	1:39:A:VAL:HG11	1:144:A:LEU:HD22	14	0.9
(6,2120)	1:39:A:VAL:HG11	1:144:A:LEU:HD23	14	0.9
(6,2120)	1:39:A:VAL:HG12	1:144:A:LEU:HD21	14	0.9
(6,2120)	1:39:A:VAL:HG12	1:144:A:LEU:HD22	14	0.9
(6,2120)	1:39:A:VAL:HG12	1:144:A:LEU:HD23	14	0.9
(6,2120)	1:39:A:VAL:HG13	1:144:A:LEU:HD21	14	0.9
(6,2120)	1:39:A:VAL:HG13	1:144:A:LEU:HD22	14	0.9
(6,2120)	1:39:A:VAL:HG13	1:144:A:LEU:HD23	14	0.9
(6,2120)	1:39:A:VAL:HG21	1:144:A:LEU:HD21	14	0.9
(6,2120)	1:39:A:VAL:HG21	1:144:A:LEU:HD22	14	0.9
(6,2120)	1:39:A:VAL:HG21	1:144:A:LEU:HD23	14	0.9
(6,2120)	1:39:A:VAL:HG22	1:144:A:LEU:HD21	14	0.9
(6,2120)	1:39:A:VAL:HG22	1:144:A:LEU:HD22	14	0.9
(6,2120)	1:39:A:VAL:HG22	1:144:A:LEU:HD23	14	0.9
(6,2120)	1:39:A:VAL:HG23	1:144:A:LEU:HD21	14	0.9
(6,2120)	1:39:A:VAL:HG23	1:144:A:LEU:HD22	14	0.9
(6,2120)	1:39:A:VAL:HG23	1:144:A:LEU:HD23	14	0.9
(6,2001)	1:14:A:VAL:HG11	1:18:A:PHE:HB2	17	0.9
(6,2001)	1:14:A:VAL:HG12	1:18:A:PHE:HB2	17	0.9
(6,2001)	1:14:A:VAL:HG13	1:18:A:PHE:HB2	17	0.9
(6,2001)	1:14:A:VAL:HG21	1:18:A:PHE:HB2	17	0.9
(6,2001)	1:14:A:VAL:HG22	1:18:A:PHE:HB2	17	0.9
(6,2001)	1:14:A:VAL:HG23	1:18:A:PHE:HB2	17	0.9
(6,1712)	1:67:A:PRO:HD2	1:95:A:ILE:HA	17	0.9
(6,1625)	1:13:A:ALA:HA	1:80:A:TYR:HB3	19	0.9
(6,1143)	1:13:A:ALA:HB1	1:80:A:TYR:HA	9	0.9
(6,1143)	1:13:A:ALA:HB2	1:80:A:TYR:HA	9	0.9
(6,1143)	1:13:A:ALA:HB3	1:80:A:TYR:HA	9	0.9
(6,1014)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	3	0.9
(6,491)	1:97:A:ASP:HB2	1:105:A:LYS:H	13	0.9
(6,491)	1:97:A:ASP:HB3	1:105:A:LYS:H	13	0.9
(6,338)	1:120:A:CYS:HA	1:123:A:CYS:H	11	0.9
(5,2409)	1:130:A:GLY:H	1:133:A:ASN:HB2	19	0.9
(5,2409)	1:130:A:GLY:H	1:133:A:ASN:HB3	19	0.9
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	19	0.9
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	19	0.9
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	19	0.9
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	19	0.9
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	19	0.9
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	19	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	19	0.9
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	19	0.9
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	19	0.9
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	19	0.9
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	19	0.9
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	19	0.9
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	19	0.9
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	19	0.9
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	19	0.9
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	19	0.9
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	19	0.9
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	19	0.9
(5,1935)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	19	0.9
(5,1790)	1:97:A:ASP:HA	1:105:A:LYS:HG3	7	0.9
(5,1790)	1:97:A:ASP:HA	1:105:A:LYS:HG3	9	0.9
(5,1788)	1:39:A:VAL:HG21	1:144:A:LEU:H	1	0.9
(5,1788)	1:39:A:VAL:HG22	1:144:A:LEU:H	1	0.9
(5,1788)	1:39:A:VAL:HG23	1:144:A:LEU:H	1	0.9
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	5	0.9
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	5	0.9
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	5	0.9
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	5	0.9
(5,1641)	1:13:A:ALA:HA	1:80:A:TYR:HB3	19	0.9
(5,1589)	1:58:A:ILE:HD11	1:61:A:SER:H	9	0.9
(5,1589)	1:58:A:ILE:HD12	1:61:A:SER:H	9	0.9
(5,1589)	1:58:A:ILE:HD13	1:61:A:SER:H	9	0.9
(5,1295)	1:12:A:VAL:HG11	1:13:A:ALA:HA	17	0.9
(5,1295)	1:12:A:VAL:HG12	1:13:A:ALA:HA	17	0.9
(5,1295)	1:12:A:VAL:HG13	1:13:A:ALA:HA	17	0.9
(5,989)	1:114:A:ILE:HA	1:117:A:VAL:HB	15	0.9
(5,887)	1:11:A:ILE:HB	1:44:A:GLU:HG3	13	0.9
(5,826)	1:114:A:ILE:HD11	1:117:A:VAL:H	6	0.9
(5,826)	1:114:A:ILE:HD12	1:117:A:VAL:H	6	0.9
(5,826)	1:114:A:ILE:HD13	1:117:A:VAL:H	6	0.9
(5,705)	1:28:A:GLY:H	1:30:A:LEU:HB2	1	0.9
(5,705)	1:28:A:GLY:H	1:30:A:LEU:HB3	1	0.9
(5,399)	1:119:A:LEU:H	1:119:A:LEU:HG	1	0.9
(5,334)	1:120:A:CYS:HA	1:123:A:CYS:H	11	0.9
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE1	1	0.9
(5,195)	1:78:A:HIS:H	1:113:A:PHE:HE2	1	0.9
(5,185)	1:44:A:GLU:H	1:44:A:GLU:HG3	9	0.9
(4,2125)	1:40:A:LEU:HD11	1:44:A:GLU:H	13	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2125)	1:40:A:LEU:HD12	1:44:A:GLU:H	13	0.9
(4,2125)	1:40:A:LEU:HD13	1:44:A:GLU:H	13	0.9
(4,2125)	1:40:A:LEU:HD21	1:44:A:GLU:H	13	0.9
(4,2125)	1:40:A:LEU:HD22	1:44:A:GLU:H	13	0.9
(4,2125)	1:40:A:LEU:HD23	1:44:A:GLU:H	13	0.9
(4,1440)	1:13:A:ALA:HB1	1:79:A:THR:HA	8	0.9
(4,1440)	1:13:A:ALA:HB2	1:79:A:THR:HA	8	0.9
(4,1440)	1:13:A:ALA:HB3	1:79:A:THR:HA	8	0.9
(4,1359)	1:12:A:VAL:HG11	1:13:A:ALA:HA	17	0.9
(4,1359)	1:12:A:VAL:HG12	1:13:A:ALA:HA	17	0.9
(4,1359)	1:12:A:VAL:HG13	1:13:A:ALA:HA	17	0.9
(4,1258)	1:12:A:VAL:HG21	1:13:A:ALA:HA	7	0.9
(4,1258)	1:12:A:VAL:HG22	1:13:A:ALA:HA	7	0.9
(4,1258)	1:12:A:VAL:HG23	1:13:A:ALA:HA	7	0.9
(4,1258)	1:12:A:VAL:HG21	1:13:A:ALA:HA	8	0.9
(4,1258)	1:12:A:VAL:HG22	1:13:A:ALA:HA	8	0.9
(4,1258)	1:12:A:VAL:HG23	1:13:A:ALA:HA	8	0.9
(4,1258)	1:12:A:VAL:HG21	1:13:A:ALA:HA	15	0.9
(4,1258)	1:12:A:VAL:HG22	1:13:A:ALA:HA	15	0.9
(4,1258)	1:12:A:VAL:HG23	1:13:A:ALA:HA	15	0.9
(4,1015)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	3	0.9
(4,821)	1:114:A:ILE:HD11	1:117:A:VAL:H	6	0.9
(4,821)	1:114:A:ILE:HD12	1:117:A:VAL:H	6	0.9
(4,821)	1:114:A:ILE:HD13	1:117:A:VAL:H	6	0.9
(4,329)	1:120:A:CYS:HA	1:123:A:CYS:H	11	0.9
(4,43)	1:98:A:ILE:H	1:104:A:PHE:HB2	8	0.9
(3,2468)	1:136:A:CYS:HB2	1:141:A:LYS:HA	12	0.9
(3,2468)	1:136:A:CYS:HB3	1:141:A:LYS:HA	12	0.9
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD11	18	0.9
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD12	18	0.9
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD13	18	0.9
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD21	18	0.9
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD22	18	0.9
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD23	18	0.9
(3,2170)	1:43:A:MET:HG2	1:144:A:LEU:HD21	19	0.9
(3,2170)	1:43:A:MET:HG2	1:144:A:LEU:HD22	19	0.9
(3,2170)	1:43:A:MET:HG2	1:144:A:LEU:HD23	19	0.9
(3,2170)	1:43:A:MET:HG3	1:144:A:LEU:HD21	19	0.9
(3,2170)	1:43:A:MET:HG3	1:144:A:LEU:HD22	19	0.9
(3,2170)	1:43:A:MET:HG3	1:144:A:LEU:HD23	19	0.9
(3,2145)	1:39:A:VAL:HG11	1:144:A:LEU:H	1	0.9
(3,2145)	1:39:A:VAL:HG12	1:144:A:LEU:H	1	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2145)	1:39:A:VAL:HG13	1:144:A:LEU:H	1	0.9
(3,2145)	1:39:A:VAL:HG21	1:144:A:LEU:H	1	0.9
(3,2145)	1:39:A:VAL:HG22	1:144:A:LEU:H	1	0.9
(3,2145)	1:39:A:VAL:HG23	1:144:A:LEU:H	1	0.9
(3,2145)	1:39:A:VAL:HG11	1:144:A:LEU:H	13	0.9
(3,2145)	1:39:A:VAL:HG12	1:144:A:LEU:H	13	0.9
(3,2145)	1:39:A:VAL:HG13	1:144:A:LEU:H	13	0.9
(3,2145)	1:39:A:VAL:HG21	1:144:A:LEU:H	13	0.9
(3,2145)	1:39:A:VAL:HG22	1:144:A:LEU:H	13	0.9
(3,2145)	1:39:A:VAL:HG23	1:144:A:LEU:H	13	0.9
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD11	17	0.9
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD12	17	0.9
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD13	17	0.9
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD21	17	0.9
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD22	17	0.9
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD23	17	0.9
(3,2032)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	18	0.9
(3,2032)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	18	0.9
(3,2032)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	18	0.9
(3,2032)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	18	0.9
(3,2032)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	18	0.9
(3,2032)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	18	0.9
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	10	0.9
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	10	0.9
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	10	0.9
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	10	0.9
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	10	0.9
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	10	0.9
(3,1928)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	9	0.9
(3,1928)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	9	0.9
(3,1872)	1:79:A:THR:HB	1:80:A:TYR:HE1	12	0.9
(3,1872)	1:79:A:THR:HB	1:80:A:TYR:HE2	12	0.9
(3,1795)	1:39:A:VAL:HG21	1:144:A:LEU:H	1	0.9
(3,1795)	1:39:A:VAL:HG22	1:144:A:LEU:H	1	0.9
(3,1795)	1:39:A:VAL:HG23	1:144:A:LEU:H	1	0.9
(3,1577)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	4	0.9
(3,1577)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	4	0.9
(3,1577)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	4	0.9
(3,1577)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	4	0.9
(3,1577)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	4	0.9
(3,1577)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	4	0.9
(3,1414)	1:19:A:ALA:HB1	1:132:A:ALA:HA	6	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1414)	1:19:A:ALA:HB2	1:132:A:ALA:HA	6	0.9
(3,1414)	1:19:A:ALA:HB3	1:132:A:ALA:HA	6	0.9
(3,1213)	1:11:A:ILE:HA	1:40:A:LEU:HD11	13	0.9
(3,1213)	1:11:A:ILE:HA	1:40:A:LEU:HD12	13	0.9
(3,1213)	1:11:A:ILE:HA	1:40:A:LEU:HD13	13	0.9
(3,1005)	1:114:A:ILE:HA	1:117:A:VAL:HB	15	0.9
(3,1003)	1:105:A:LYS:HD2	1:107:A:LEU:H	1	0.9
(3,1003)	1:105:A:LYS:HD3	1:107:A:LEU:H	1	0.9
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	17	0.9
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	17	0.9
(3,841)	1:114:A:ILE:HD11	1:117:A:VAL:H	6	0.9
(3,841)	1:114:A:ILE:HD12	1:117:A:VAL:H	6	0.9
(3,841)	1:114:A:ILE:HD13	1:117:A:VAL:H	6	0.9
(3,774)	1:12:A:VAL:H	1:40:A:LEU:HD21	4	0.9
(3,774)	1:12:A:VAL:H	1:40:A:LEU:HD22	4	0.9
(3,774)	1:12:A:VAL:H	1:40:A:LEU:HD23	4	0.9
(3,342)	1:120:A:CYS:HA	1:123:A:CYS:H	11	0.9
(2,2418)	1:131:A:LEU:HD11	1:134:A:VAL:HB	3	0.9
(2,2418)	1:131:A:LEU:HD12	1:134:A:VAL:HB	3	0.9
(2,2418)	1:131:A:LEU:HD13	1:134:A:VAL:HB	3	0.9
(2,2418)	1:131:A:LEU:HD21	1:134:A:VAL:HB	3	0.9
(2,2418)	1:131:A:LEU:HD22	1:134:A:VAL:HB	3	0.9
(2,2418)	1:131:A:LEU:HD23	1:134:A:VAL:HB	3	0.9
(2,2409)	1:130:A:GLY:H	1:133:A:ASN:HB2	19	0.9
(2,2409)	1:130:A:GLY:H	1:133:A:ASN:HB3	19	0.9
(2,1932)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	15	0.9
(2,1932)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	15	0.9
(2,1932)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	15	0.9
(2,1932)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	15	0.9
(2,1877)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	14	0.9
(2,1877)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	14	0.9
(2,1877)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	14	0.9
(2,1877)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	14	0.9
(2,1365)	1:118:A:ASP:HA	1:121:A:VAL:HG11	15	0.9
(2,1365)	1:118:A:ASP:HA	1:121:A:VAL:HG12	15	0.9
(2,1365)	1:118:A:ASP:HA	1:121:A:VAL:HG13	15	0.9
(2,982)	1:114:A:ILE:HA	1:117:A:VAL:HB	15	0.9
(2,821)	1:114:A:ILE:HD11	1:117:A:VAL:H	6	0.9
(2,821)	1:114:A:ILE:HD12	1:117:A:VAL:H	6	0.9
(2,821)	1:114:A:ILE:HD13	1:117:A:VAL:H	6	0.9
(2,560)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	13	0.9
(2,403)	1:119:A:LEU:H	1:119:A:LEU:HG	1	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,337)	1:120:A:CYS:HA	1:123:A:CYS:H	11	0.9
(1,2244)	1:75:A:GLY:H	1:77:A:CYS:HB2	8	0.9
(1,2244)	1:75:A:GLY:H	1:77:A:CYS:HB3	8	0.9
(1,2125)	1:40:A:LEU:HD11	1:44:A:GLU:H	13	0.9
(1,2125)	1:40:A:LEU:HD12	1:44:A:GLU:H	13	0.9
(1,2125)	1:40:A:LEU:HD13	1:44:A:GLU:H	13	0.9
(1,2125)	1:40:A:LEU:HD21	1:44:A:GLU:H	13	0.9
(1,2125)	1:40:A:LEU:HD22	1:44:A:GLU:H	13	0.9
(1,2125)	1:40:A:LEU:HD23	1:44:A:GLU:H	13	0.9
(1,1721)	1:67:A:PRO:HD2	1:95:A:ILE:HA	17	0.9
(1,1285)	1:12:A:VAL:HG11	1:13:A:ALA:HA	17	0.9
(1,1285)	1:12:A:VAL:HG12	1:13:A:ALA:HA	17	0.9
(1,1285)	1:12:A:VAL:HG13	1:13:A:ALA:HA	17	0.9
(1,1012)	1:114:A:ILE:HA	1:117:A:VAL:HB	15	0.9
(1,1010)	1:102:A:PRO:HA	1:105:A:LYS:HB2	2	0.9
(1,1010)	1:102:A:PRO:HA	1:105:A:LYS:HB3	2	0.9
(1,876)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	13	0.9
(1,498)	1:97:A:ASP:HB2	1:105:A:LYS:H	13	0.9
(1,498)	1:97:A:ASP:HB3	1:105:A:LYS:H	13	0.9
(1,345)	1:120:A:CYS:HA	1:123:A:CYS:H	11	0.9
(1,176)	1:95:A:ILE:H	1:95:A:ILE:HB	10	0.9
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	9	0.89
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	9	0.89
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	9	0.89
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	9	0.89
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	9	0.89
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	9	0.89
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	9	0.89
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	9	0.89
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	9	0.89
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	9	0.89
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	9	0.89
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	9	0.89
(34,1923)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	19	0.89
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	13	0.89
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	13	0.89
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	13	0.89
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD21	1	0.89
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD22	1	0.89
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD23	1	0.89
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	15	0.89
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	15	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	15	0.89
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	15	0.89
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	15	0.89
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	15	0.89
(34,1044)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	19	0.89
(34,1044)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	19	0.89
(34,1044)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	19	0.89
(34,1044)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	19	0.89
(34,1017)	1:63:A:ILE:HA	1:64:A:LYS:HD2	11	0.89
(34,1017)	1:63:A:ILE:HA	1:64:A:LYS:HD3	11	0.89
(34,958)	1:69:A:MET:HG2	1:109:A:PRO:HA	12	0.89
(34,955)	1:60:A:LEU:HB3	1:117:A:VAL:HA	8	0.89
(34,913)	1:67:A:PRO:HD3	1:95:A:ILE:HB	8	0.89
(34,876)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	17	0.89
(34,876)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	17	0.89
(34,876)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	17	0.89
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG11	2	0.89
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG12	2	0.89
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG13	2	0.89
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG21	2	0.89
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG22	2	0.89
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG23	2	0.89
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG11	2	0.89
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG12	2	0.89
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG13	2	0.89
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG21	2	0.89
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG22	2	0.89
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG23	2	0.89
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG11	2	0.89
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG12	2	0.89
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG13	2	0.89
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG21	2	0.89
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG22	2	0.89
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG23	2	0.89
(33,2136)	1:40:A:LEU:HD11	1:44:A:GLU:H	13	0.89
(33,2136)	1:40:A:LEU:HD12	1:44:A:GLU:H	13	0.89
(33,2136)	1:40:A:LEU:HD13	1:44:A:GLU:H	13	0.89
(33,2136)	1:40:A:LEU:HD21	1:44:A:GLU:H	13	0.89
(33,2136)	1:40:A:LEU:HD22	1:44:A:GLU:H	13	0.89
(33,2136)	1:40:A:LEU:HD23	1:44:A:GLU:H	13	0.89
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	14	0.89
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	14	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	14	0.89
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	14	0.89
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	14	0.89
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	14	0.89
(33,1916)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	19	0.89
(33,1916)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	19	0.89
(33,1636)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	13	0.89
(33,1636)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	13	0.89
(33,1636)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	13	0.89
(33,1381)	1:97:A:ASP:HA	1:98:A:ILE:HG12	6	0.89
(33,994)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.89
(33,981)	1:15:A:ALA:HB1	1:134:A:VAL:HB	17	0.89
(33,981)	1:15:A:ALA:HB2	1:134:A:VAL:HB	17	0.89
(33,981)	1:15:A:ALA:HB3	1:134:A:VAL:HB	17	0.89
(33,823)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	19	0.89
(33,823)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	19	0.89
(33,823)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	19	0.89
(33,823)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	19	0.89
(33,823)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	19	0.89
(33,823)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	19	0.89
(33,148)	1:131:A:LEU:H	1:131:A:LEU:HG	12	0.89
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG11	15	0.89
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG12	15	0.89
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG13	15	0.89
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG21	15	0.89
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG22	15	0.89
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG23	15	0.89
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD11	2	0.89
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD12	2	0.89
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD13	2	0.89
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD21	2	0.89
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD22	2	0.89
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD23	2	0.89
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE1	7	0.89
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE2	7	0.89
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE3	7	0.89
(32,1259)	1:66:A:THR:HG21	1:96:A:VAL:H	5	0.89
(32,1259)	1:66:A:THR:HG22	1:96:A:VAL:H	5	0.89
(32,1259)	1:66:A:THR:HG23	1:96:A:VAL:H	5	0.89
(32,987)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	19	0.89
(32,987)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	19	0.89
(32,987)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	19	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,987)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	19	0.89
(32,963)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.89
(32,800)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	19	0.89
(32,800)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	19	0.89
(32,800)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	19	0.89
(32,800)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	19	0.89
(32,800)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	19	0.89
(32,800)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	19	0.89
(32,781)	1:63:A:ILE:HD11	1:116:A:GLN:HE21	2	0.89
(32,781)	1:63:A:ILE:HD12	1:116:A:GLN:HE21	2	0.89
(32,781)	1:63:A:ILE:HD13	1:116:A:GLN:HE21	2	0.89
(32,781)	1:63:A:ILE:HD11	1:116:A:GLN:HE21	14	0.89
(32,781)	1:63:A:ILE:HD12	1:116:A:GLN:HE21	14	0.89
(32,781)	1:63:A:ILE:HD13	1:116:A:GLN:HE21	14	0.89
(32,771)	1:63:A:ILE:HD11	1:69:A:MET:HE1	11	0.89
(32,771)	1:63:A:ILE:HD11	1:69:A:MET:HE2	11	0.89
(32,771)	1:63:A:ILE:HD11	1:69:A:MET:HE3	11	0.89
(32,771)	1:63:A:ILE:HD12	1:69:A:MET:HE1	11	0.89
(32,771)	1:63:A:ILE:HD12	1:69:A:MET:HE2	11	0.89
(32,771)	1:63:A:ILE:HD12	1:69:A:MET:HE3	11	0.89
(32,771)	1:63:A:ILE:HD13	1:69:A:MET:HE1	11	0.89
(32,771)	1:63:A:ILE:HD13	1:69:A:MET:HE2	11	0.89
(32,771)	1:63:A:ILE:HD13	1:69:A:MET:HE3	11	0.89
(32,146)	1:131:A:LEU:H	1:131:A:LEU:HG	12	0.89
(30,1920)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	2	0.89
(30,1920)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	2	0.89
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	13	0.89
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	13	0.89
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	13	0.89
(30,1857)	1:9:A:PHE:HZ	1:11:A:ILE:HA	5	0.89
(30,1844)	1:13:A:ALA:HA	1:80:A:TYR:HE1	11	0.89
(30,1844)	1:13:A:ALA:HA	1:80:A:TYR:HE2	11	0.89
(30,1653)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	13	0.89
(30,1653)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	13	0.89
(30,1653)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	13	0.89
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	13	0.89
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	13	0.89
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	13	0.89
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE1	1	0.89
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE2	1	0.89
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE3	1	0.89
(30,1381)	1:97:A:ASP:HA	1:98:A:ILE:HG12	6	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1007)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	19	0.89
(30,1007)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	19	0.89
(30,1007)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	19	0.89
(30,1007)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	19	0.89
(30,984)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.89
(30,983)	1:105:A:LYS:HD2	1:107:A:LEU:H	1	0.89
(30,983)	1:105:A:LYS:HD3	1:107:A:LEU:H	1	0.89
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	3	0.89
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	3	0.89
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	3	0.89
(30,888)	1:67:A:PRO:HD3	1:95:A:ILE:HB	8	0.89
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	7	0.89
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	7	0.89
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	7	0.89
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	7	0.89
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	7	0.89
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	7	0.89
(30,817)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	19	0.89
(30,817)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	19	0.89
(30,817)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	19	0.89
(30,817)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	19	0.89
(30,817)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	19	0.89
(30,817)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	19	0.89
(30,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	3	0.89
(30,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	17	0.89
(29,2238)	1:69:A:MET:HG2	1:70:A:LYS:HG2	2	0.89
(29,2238)	1:69:A:MET:HG3	1:70:A:LYS:HG2	2	0.89
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	19	0.89
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	19	0.89
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	19	0.89
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	19	0.89
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	19	0.89
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	19	0.89
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	19	0.89
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	19	0.89
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	19	0.89
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	19	0.89
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	19	0.89
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	19	0.89
(29,1920)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	4	0.89
(29,1920)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	4	0.89
(29,1729)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	8	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE1	8	0.89
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE2	8	0.89
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE3	8	0.89
(29,1467)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	14	0.89
(29,1467)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	14	0.89
(29,1467)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	14	0.89
(29,1467)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	14	0.89
(29,1467)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	14	0.89
(29,1467)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	14	0.89
(29,1467)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	14	0.89
(29,1467)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	14	0.89
(29,1467)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	14	0.89
(29,1392)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	12	0.89
(29,1392)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	12	0.89
(29,1392)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	12	0.89
(29,1391)	1:97:A:ASP:HA	1:98:A:ILE:HG12	6	0.89
(29,1292)	1:12:A:VAL:HG21	1:13:A:ALA:HA	1	0.89
(29,1292)	1:12:A:VAL:HG22	1:13:A:ALA:HA	1	0.89
(29,1292)	1:12:A:VAL:HG23	1:13:A:ALA:HA	1	0.89
(29,1252)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	14	0.89
(29,1252)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	14	0.89
(29,1252)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	14	0.89
(29,1004)	1:63:A:ILE:HA	1:64:A:LYS:HD2	11	0.89
(29,1004)	1:63:A:ILE:HA	1:64:A:LYS:HD3	11	0.89
(29,1001)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.89
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG11	12	0.89
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG12	12	0.89
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG13	12	0.89
(29,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	19	0.89
(29,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	19	0.89
(29,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	19	0.89
(29,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	19	0.89
(29,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	19	0.89
(29,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	19	0.89
(29,809)	1:63:A:ILE:HD11	1:69:A:MET:HE1	11	0.89
(29,809)	1:63:A:ILE:HD11	1:69:A:MET:HE2	11	0.89
(29,809)	1:63:A:ILE:HD11	1:69:A:MET:HE3	11	0.89
(29,809)	1:63:A:ILE:HD12	1:69:A:MET:HE1	11	0.89
(29,809)	1:63:A:ILE:HD12	1:69:A:MET:HE2	11	0.89
(29,809)	1:63:A:ILE:HD12	1:69:A:MET:HE3	11	0.89
(29,809)	1:63:A:ILE:HD13	1:69:A:MET:HE1	11	0.89
(29,809)	1:63:A:ILE:HD13	1:69:A:MET:HE2	11	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,809)	1:63:A:ILE:HD13	1:69:A:MET:HE3	11	0.89
(29,409)	1:119:A:LEU:H	1:119:A:LEU:HG	1	0.89
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE1	12	0.89
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE2	12	0.89
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE3	12	0.89
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE1	17	0.89
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE2	17	0.89
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE3	17	0.89
(22,36)	1:119:A:LEU:N	1:115:A:ALA:C	8	0.89
(22,25)	1:114:A:ILE:H	1:110:A:MET:C	10	0.89
(22,25)	1:114:A:ILE:H	1:110:A:MET:C	14	0.89
(22,21)	1:107:A:LEU:H	1:103:A:ARG:C	4	0.89
(22,21)	1:107:A:LEU:H	1:103:A:ARG:C	9	0.89
(18,2251)	1:69:A:MET:HG2	1:70:A:LYS:HG2	9	0.89
(18,2251)	1:69:A:MET:HG3	1:70:A:LYS:HG2	9	0.89
(18,2225)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	1	0.89
(18,2225)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	1	0.89
(18,2225)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	1	0.89
(18,2225)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	1	0.89
(18,2225)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	1	0.89
(18,2225)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	1	0.89
(18,2225)	1:60:A:LEU:HD11	1:122:A:ASP:HB3	1	0.89
(18,2225)	1:60:A:LEU:HD12	1:122:A:ASP:HB3	1	0.89
(18,2225)	1:60:A:LEU:HD13	1:122:A:ASP:HB3	1	0.89
(18,2225)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	1	0.89
(18,2225)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	1	0.89
(18,2225)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	1	0.89
(18,1892)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	4	0.89
(18,1892)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	4	0.89
(18,1843)	1:9:A:PHE:HZ	1:11:A:ILE:HA	5	0.89
(18,1697)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	8	0.89
(18,1375)	1:97:A:ASP:HA	1:98:A:ILE:HG12	6	0.89
(18,1352)	1:118:A:ASP:HA	1:121:A:VAL:HG11	15	0.89
(18,1352)	1:118:A:ASP:HA	1:121:A:VAL:HG12	15	0.89
(18,1352)	1:118:A:ASP:HA	1:121:A:VAL:HG13	15	0.89
(18,1286)	1:66:A:THR:HG21	1:96:A:VAL:H	5	0.89
(18,1286)	1:66:A:THR:HG22	1:96:A:VAL:H	5	0.89
(18,1286)	1:66:A:THR:HG23	1:96:A:VAL:H	5	0.89
(18,1002)	1:63:A:ILE:HA	1:64:A:LYS:HD2	11	0.89
(18,1002)	1:63:A:ILE:HA	1:64:A:LYS:HD3	11	0.89
(18,1000)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.89
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	3	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	3	0.89
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	3	0.89
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	3	0.89
(18,805)	1:63:A:ILE:HD11	1:69:A:MET:HE1	11	0.89
(18,805)	1:63:A:ILE:HD11	1:69:A:MET:HE2	11	0.89
(18,805)	1:63:A:ILE:HD11	1:69:A:MET:HE3	11	0.89
(18,805)	1:63:A:ILE:HD12	1:69:A:MET:HE1	11	0.89
(18,805)	1:63:A:ILE:HD12	1:69:A:MET:HE2	11	0.89
(18,805)	1:63:A:ILE:HD12	1:69:A:MET:HE3	11	0.89
(18,805)	1:63:A:ILE:HD13	1:69:A:MET:HE1	11	0.89
(18,805)	1:63:A:ILE:HD13	1:69:A:MET:HE2	11	0.89
(18,805)	1:63:A:ILE:HD13	1:69:A:MET:HE3	11	0.89
(18,516)	1:101:A:ILE:HD11	1:105:A:LYS:H	9	0.89
(18,516)	1:101:A:ILE:HD12	1:105:A:LYS:H	9	0.89
(18,516)	1:101:A:ILE:HD13	1:105:A:LYS:H	9	0.89
(17,2023)	1:16:A:SER:HB2	1:43:A:MET:HE1	15	0.89
(17,2023)	1:16:A:SER:HB2	1:43:A:MET:HE2	15	0.89
(17,2023)	1:16:A:SER:HB2	1:43:A:MET:HE3	15	0.89
(17,2023)	1:16:A:SER:HB3	1:43:A:MET:HE1	15	0.89
(17,2023)	1:16:A:SER:HB3	1:43:A:MET:HE2	15	0.89
(17,2023)	1:16:A:SER:HB3	1:43:A:MET:HE3	15	0.89
(17,1931)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	19	0.89
(17,1931)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	19	0.89
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	11	0.89
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	11	0.89
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	11	0.89
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	11	0.89
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	11	0.89
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	11	0.89
(17,1806)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	4	0.89
(17,1806)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	4	0.89
(17,1806)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	4	0.89
(17,1806)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	4	0.89
(17,1806)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	4	0.89
(17,1806)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	4	0.89
(17,1552)	1:69:A:MET:HE1	1:76:A:ARG:HG2	5	0.89
(17,1552)	1:69:A:MET:HE1	1:76:A:ARG:HG3	5	0.89
(17,1552)	1:69:A:MET:HE2	1:76:A:ARG:HG2	5	0.89
(17,1552)	1:69:A:MET:HE2	1:76:A:ARG:HG3	5	0.89
(17,1552)	1:69:A:MET:HE3	1:76:A:ARG:HG2	5	0.89
(17,1552)	1:69:A:MET:HE3	1:76:A:ARG:HG3	5	0.89
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE1	1	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE2	1	0.89
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE3	1	0.89
(17,1400)	1:97:A:ASP:HA	1:98:A:ILE:HG12	6	0.89
(17,999)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	16	0.89
(17,999)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	16	0.89
(17,996)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.89
(17,830)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	19	0.89
(17,830)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	19	0.89
(17,830)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	19	0.89
(17,830)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	19	0.89
(17,830)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	19	0.89
(17,830)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	19	0.89
(17,801)	1:63:A:ILE:HD11	1:69:A:MET:HE1	11	0.89
(17,801)	1:63:A:ILE:HD11	1:69:A:MET:HE2	11	0.89
(17,801)	1:63:A:ILE:HD11	1:69:A:MET:HE3	11	0.89
(17,801)	1:63:A:ILE:HD12	1:69:A:MET:HE1	11	0.89
(17,801)	1:63:A:ILE:HD12	1:69:A:MET:HE2	11	0.89
(17,801)	1:63:A:ILE:HD12	1:69:A:MET:HE3	11	0.89
(17,801)	1:63:A:ILE:HD13	1:69:A:MET:HE1	11	0.89
(17,801)	1:63:A:ILE:HD13	1:69:A:MET:HE2	11	0.89
(17,801)	1:63:A:ILE:HD13	1:69:A:MET:HE3	11	0.89
(17,599)	1:55:A:GLY:H	1:122:A:ASP:HB3	15	0.89
(17,466)	1:14:A:VAL:H	1:61:A:SER:HA	19	0.89
(17,401)	1:119:A:LEU:H	1:119:A:LEU:HG	1	0.89
(16,1813)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	1	0.89
(16,1813)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	1	0.89
(16,1813)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	1	0.89
(16,1813)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	1	0.89
(16,1813)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	1	0.89
(16,1813)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	1	0.89
(16,1808)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	14	0.89
(16,1808)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	14	0.89
(16,1385)	1:97:A:ASP:HA	1:98:A:ILE:HG12	6	0.89
(16,1332)	1:106:A:ASP:HA	1:112:A:GLN:HE21	5	0.89
(16,1309)	1:66:A:THR:HG21	1:96:A:VAL:HB	18	0.89
(16,1309)	1:66:A:THR:HG22	1:96:A:VAL:HB	18	0.89
(16,1309)	1:66:A:THR:HG23	1:96:A:VAL:HB	18	0.89
(16,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	19	0.89
(16,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	19	0.89
(16,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	19	0.89
(16,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	19	0.89
(16,1010)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	7	0.89
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	7	0.89
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	7	0.89
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	7	0.89
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	7	0.89
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	7	0.89
(16,828)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	19	0.89
(16,828)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	19	0.89
(16,828)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	19	0.89
(16,828)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	19	0.89
(16,828)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	19	0.89
(16,828)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	19	0.89
(16,152)	1:131:A:LEU:H	1:131:A:LEU:HG	12	0.89
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG11	15	0.89
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG12	15	0.89
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG13	15	0.89
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG21	15	0.89
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG22	15	0.89
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG23	15	0.89
(15,2083)	1:39:A:VAL:HG11	1:43:A:MET:HB2	4	0.89
(15,2083)	1:39:A:VAL:HG12	1:43:A:MET:HB2	4	0.89
(15,2083)	1:39:A:VAL:HG13	1:43:A:MET:HB2	4	0.89
(15,2083)	1:39:A:VAL:HG21	1:43:A:MET:HB2	4	0.89
(15,2083)	1:39:A:VAL:HG22	1:43:A:MET:HB2	4	0.89
(15,2083)	1:39:A:VAL:HG23	1:43:A:MET:HB2	4	0.89
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD11	6	0.89
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD12	6	0.89
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD13	6	0.89
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD21	6	0.89
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD22	6	0.89
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD23	6	0.89
(15,1260)	1:12:A:VAL:HG11	1:40:A:LEU:HA	1	0.89
(15,1260)	1:12:A:VAL:HG12	1:40:A:LEU:HA	1	0.89
(15,1260)	1:12:A:VAL:HG13	1:40:A:LEU:HA	1	0.89
(15,996)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.89
(15,995)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	2	0.89
(15,995)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	2	0.89
(15,956)	1:74:A:PRO:HA	1:77:A:CYS:HB2	17	0.89
(13,2269)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	3	0.89
(13,2269)	1:98:A:ILE:HG21	1:116:A:GLN:HG3	3	0.89
(13,2269)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	3	0.89
(13,2269)	1:98:A:ILE:HG22	1:116:A:GLN:HG3	3	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2269)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	3	0.89
(13,2269)	1:98:A:ILE:HG23	1:116:A:GLN:HG3	3	0.89
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG11	17	0.89
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG12	17	0.89
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG13	17	0.89
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG21	17	0.89
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG22	17	0.89
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG23	17	0.89
(13,1908)	1:10:A:ASN:HD21	1:80:A:TYR:HB3	2	0.89
(13,1908)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	2	0.89
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	9	0.89
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	9	0.89
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	9	0.89
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	9	0.89
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	9	0.89
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	9	0.89
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	9	0.89
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	9	0.89
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	9	0.89
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	9	0.89
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	9	0.89
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	9	0.89
(13,1835)	1:14:A:VAL:HA	1:18:A:PHE:HD1	6	0.89
(13,1835)	1:14:A:VAL:HA	1:18:A:PHE:HD2	6	0.89
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	3	0.89
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	3	0.89
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	3	0.89
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	3	0.89
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	3	0.89
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	3	0.89
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	3	0.89
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	3	0.89
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	3	0.89
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD21	1	0.89
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD22	1	0.89
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD23	1	0.89
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE1	7	0.89
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE2	7	0.89
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE3	7	0.89
(13,1358)	1:97:A:ASP:HA	1:98:A:ILE:HG12	6	0.89
(13,1253)	1:12:A:VAL:HG21	1:13:A:ALA:HA	1	0.89
(13,1253)	1:12:A:VAL:HG22	1:13:A:ALA:HA	1	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1253)	1:12:A:VAL:HG23	1:13:A:ALA:HA	1	0.89
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD11	5	0.89
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD12	5	0.89
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD13	5	0.89
(13,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	19	0.89
(13,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	19	0.89
(13,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	19	0.89
(13,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	19	0.89
(13,973)	1:63:A:ILE:HA	1:64:A:LYS:HD2	11	0.89
(13,973)	1:63:A:ILE:HA	1:64:A:LYS:HD3	11	0.89
(13,971)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.89
(13,857)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	14	0.89
(13,857)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	14	0.89
(13,778)	1:63:A:ILE:HD11	1:69:A:MET:HE1	11	0.89
(13,778)	1:63:A:ILE:HD11	1:69:A:MET:HE2	11	0.89
(13,778)	1:63:A:ILE:HD11	1:69:A:MET:HE3	11	0.89
(13,778)	1:63:A:ILE:HD12	1:69:A:MET:HE1	11	0.89
(13,778)	1:63:A:ILE:HD12	1:69:A:MET:HE2	11	0.89
(13,778)	1:63:A:ILE:HD12	1:69:A:MET:HE3	11	0.89
(13,778)	1:63:A:ILE:HD13	1:69:A:MET:HE1	11	0.89
(13,778)	1:63:A:ILE:HD13	1:69:A:MET:HE2	11	0.89
(13,778)	1:63:A:ILE:HD13	1:69:A:MET:HE3	11	0.89
(13,417)	1:100:A:ALA:H	1:119:A:LEU:HB3	14	0.89
(13,51)	1:47:A:ALA:H	1:134:A:VAL:HG21	5	0.89
(13,51)	1:47:A:ALA:H	1:134:A:VAL:HG22	5	0.89
(13,51)	1:47:A:ALA:H	1:134:A:VAL:HG23	5	0.89
(11,2146)	1:40:A:LEU:HD11	1:44:A:GLU:H	13	0.89
(11,2146)	1:40:A:LEU:HD12	1:44:A:GLU:H	13	0.89
(11,2146)	1:40:A:LEU:HD13	1:44:A:GLU:H	13	0.89
(11,2146)	1:40:A:LEU:HD21	1:44:A:GLU:H	13	0.89
(11,2146)	1:40:A:LEU:HD22	1:44:A:GLU:H	13	0.89
(11,2146)	1:40:A:LEU:HD23	1:44:A:GLU:H	13	0.89
(11,2075)	1:32:A:GLY:HA2	1:81:A:GLU:H	2	0.89
(11,2075)	1:32:A:GLY:HA3	1:81:A:GLU:H	2	0.89
(11,2004)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	13	0.89
(11,2004)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	13	0.89
(11,2004)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	13	0.89
(11,2004)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	13	0.89
(11,2004)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	13	0.89
(11,2004)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	13	0.89
(11,1942)	1:14:A:VAL:HB	1:18:A:PHE:HZ	6	0.89
(11,1941)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	2	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1941)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	2	0.89
(11,1422)	1:56:A:CYS:HA	1:120:A:CYS:HA	7	0.89
(11,1401)	1:97:A:ASP:HA	1:98:A:ILE:HG12	6	0.89
(11,1347)	1:106:A:ASP:HA	1:112:A:GLN:HE21	5	0.89
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD11	5	0.89
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD12	5	0.89
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD13	5	0.89
(11,1118)	1:146:A:GLN:HA	1:147:A:ARG:HG2	1	0.89
(11,1118)	1:146:A:GLN:HA	1:147:A:ARG:HG3	1	0.89
(11,1001)	1:35:A:LEU:HG	1:143:A:TRP:HB3	14	0.89
(11,996)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.89
(11,818)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	19	0.89
(11,818)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	19	0.89
(11,818)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	19	0.89
(11,818)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	19	0.89
(11,818)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	19	0.89
(11,818)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	19	0.89
(11,793)	1:63:A:ILE:HD11	1:69:A:MET:HE1	11	0.89
(11,793)	1:63:A:ILE:HD11	1:69:A:MET:HE2	11	0.89
(11,793)	1:63:A:ILE:HD11	1:69:A:MET:HE3	11	0.89
(11,793)	1:63:A:ILE:HD12	1:69:A:MET:HE1	11	0.89
(11,793)	1:63:A:ILE:HD12	1:69:A:MET:HE2	11	0.89
(11,793)	1:63:A:ILE:HD12	1:69:A:MET:HE3	11	0.89
(11,793)	1:63:A:ILE:HD13	1:69:A:MET:HE1	11	0.89
(11,793)	1:63:A:ILE:HD13	1:69:A:MET:HE2	11	0.89
(11,793)	1:63:A:ILE:HD13	1:69:A:MET:HE3	11	0.89
(11,583)	1:128:A:LEU:HD11	1:130:A:GLY:H	2	0.89
(11,583)	1:128:A:LEU:HD12	1:130:A:GLY:H	2	0.89
(11,583)	1:128:A:LEU:HD13	1:130:A:GLY:H	2	0.89
(11,583)	1:128:A:LEU:HD11	1:130:A:GLY:H	13	0.89
(11,583)	1:128:A:LEU:HD12	1:130:A:GLY:H	13	0.89
(11,583)	1:128:A:LEU:HD13	1:130:A:GLY:H	13	0.89
(11,583)	1:128:A:LEU:HD11	1:130:A:GLY:H	19	0.89
(11,583)	1:128:A:LEU:HD12	1:130:A:GLY:H	19	0.89
(11,583)	1:128:A:LEU:HD13	1:130:A:GLY:H	19	0.89
(9,2185)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	7	0.89
(9,2185)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	7	0.89
(9,2185)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	7	0.89
(9,2185)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	7	0.89
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG11	12	0.89
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG12	12	0.89
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG13	12	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG21	12	0.89
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG22	12	0.89
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG23	12	0.89
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG11	12	0.89
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG12	12	0.89
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG13	12	0.89
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG21	12	0.89
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG22	12	0.89
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG23	12	0.89
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG11	12	0.89
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG12	12	0.89
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG13	12	0.89
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG21	12	0.89
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG22	12	0.89
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG23	12	0.89
(9,2001)	1:17:A:ASN:HD21	1:78:A:HIS:H	10	0.89
(9,2001)	1:17:A:ASN:HD22	1:78:A:HIS:H	10	0.89
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE1	7	0.89
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE2	7	0.89
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE3	7	0.89
(9,1451)	1:13:A:ALA:HB1	1:78:A:HIS:HA	12	0.89
(9,1451)	1:13:A:ALA:HB2	1:78:A:HIS:HA	12	0.89
(9,1451)	1:13:A:ALA:HB3	1:78:A:HIS:HA	12	0.89
(9,1377)	1:97:A:ASP:HA	1:98:A:ILE:HG12	6	0.89
(9,1326)	1:106:A:ASP:HA	1:112:A:GLN:HE21	5	0.89
(9,990)	1:63:A:ILE:HA	1:64:A:LYS:HD2	11	0.89
(9,990)	1:63:A:ILE:HA	1:64:A:LYS:HD3	11	0.89
(9,988)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.89
(9,791)	1:63:A:ILE:HD11	1:69:A:MET:HE1	11	0.89
(9,791)	1:63:A:ILE:HD11	1:69:A:MET:HE2	11	0.89
(9,791)	1:63:A:ILE:HD11	1:69:A:MET:HE3	11	0.89
(9,791)	1:63:A:ILE:HD12	1:69:A:MET:HE1	11	0.89
(9,791)	1:63:A:ILE:HD12	1:69:A:MET:HE2	11	0.89
(9,791)	1:63:A:ILE:HD12	1:69:A:MET:HE3	11	0.89
(9,791)	1:63:A:ILE:HD13	1:69:A:MET:HE1	11	0.89
(9,791)	1:63:A:ILE:HD13	1:69:A:MET:HE2	11	0.89
(9,791)	1:63:A:ILE:HD13	1:69:A:MET:HE3	11	0.89
(7,2227)	1:69:A:MET:HG2	1:70:A:LYS:HG2	2	0.89
(7,2227)	1:69:A:MET:HG3	1:70:A:LYS:HG2	2	0.89
(7,2121)	1:43:A:MET:HE1	1:46:A:ASN:HD21	10	0.89
(7,2121)	1:43:A:MET:HE1	1:46:A:ASN:HD22	10	0.89
(7,2121)	1:43:A:MET:HE2	1:46:A:ASN:HD21	10	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2121)	1:43:A:MET:HE2	1:46:A:ASN:HD22	10	0.89
(7,2121)	1:43:A:MET:HE3	1:46:A:ASN:HD21	10	0.89
(7,2121)	1:43:A:MET:HE3	1:46:A:ASN:HD22	10	0.89
(7,2025)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	13	0.89
(7,2025)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	13	0.89
(7,2025)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	13	0.89
(7,2025)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	13	0.89
(7,2025)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	13	0.89
(7,2025)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	13	0.89
(7,2025)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	13	0.89
(7,2025)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	13	0.89
(7,2025)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	13	0.89
(7,2025)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	13	0.89
(7,2025)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	13	0.89
(7,2025)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	13	0.89
(7,1675)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	8	0.89
(7,1366)	1:97:A:ASP:HA	1:98:A:ILE:HG12	6	0.89
(7,1241)	1:12:A:VAL:HG11	1:40:A:LEU:HA	1	0.89
(7,1241)	1:12:A:VAL:HG12	1:40:A:LEU:HA	1	0.89
(7,1241)	1:12:A:VAL:HG13	1:40:A:LEU:HA	1	0.89
(7,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	19	0.89
(7,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	19	0.89
(7,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	19	0.89
(7,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	19	0.89
(7,974)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.89
(7,960)	1:15:A:ALA:HB1	1:134:A:VAL:HB	17	0.89
(7,960)	1:15:A:ALA:HB2	1:134:A:VAL:HB	17	0.89
(7,960)	1:15:A:ALA:HB3	1:134:A:VAL:HB	17	0.89
(7,911)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	15	0.89
(7,911)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	15	0.89
(7,911)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	15	0.89
(7,911)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	15	0.89
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	7	0.89
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	7	0.89
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	7	0.89
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	7	0.89
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	7	0.89
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	7	0.89
(7,810)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	19	0.89
(7,810)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	19	0.89
(7,810)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	19	0.89
(7,810)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	19	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,810)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	19	0.89
(7,810)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	19	0.89
(7,471)	1:12:A:VAL:HG11	1:14:A:VAL:H	14	0.89
(7,471)	1:12:A:VAL:HG12	1:14:A:VAL:H	14	0.89
(7,471)	1:12:A:VAL:HG13	1:14:A:VAL:H	14	0.89
(7,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	3	0.89
(7,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	17	0.89
(7,150)	1:131:A:LEU:H	1:131:A:LEU:HG	12	0.89
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG11	5	0.89
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG12	5	0.89
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG13	5	0.89
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG21	5	0.89
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG22	5	0.89
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG23	5	0.89
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG11	5	0.89
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG12	5	0.89
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG13	5	0.89
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG21	5	0.89
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG22	5	0.89
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG23	5	0.89
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG11	5	0.89
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG12	5	0.89
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG13	5	0.89
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG21	5	0.89
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG22	5	0.89
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG23	5	0.89
(6,2149)	1:43:A:MET:HE1	1:46:A:ASN:HD21	10	0.89
(6,2149)	1:43:A:MET:HE1	1:46:A:ASN:HD22	10	0.89
(6,2149)	1:43:A:MET:HE2	1:46:A:ASN:HD21	10	0.89
(6,2149)	1:43:A:MET:HE2	1:46:A:ASN:HD22	10	0.89
(6,2149)	1:43:A:MET:HE3	1:46:A:ASN:HD21	10	0.89
(6,2149)	1:43:A:MET:HE3	1:46:A:ASN:HD22	10	0.89
(6,2028)	1:17:A:ASN:HD21	1:78:A:HIS:H	10	0.89
(6,2028)	1:17:A:ASN:HD22	1:78:A:HIS:H	10	0.89
(6,1925)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	19	0.89
(6,1650)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	13	0.89
(6,1650)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	13	0.89
(6,1650)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	13	0.89
(6,1377)	1:97:A:ASP:HA	1:98:A:ILE:HG12	6	0.89
(6,1003)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	19	0.89
(6,1003)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	19	0.89
(6,1003)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	19	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1003)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	19	0.89
(6,985)	1:98:A:ILE:HB	1:105:A:LYS:HB2	5	0.89
(6,985)	1:98:A:ILE:HB	1:105:A:LYS:HB3	5	0.89
(6,976)	1:63:A:ILE:HA	1:64:A:LYS:HD2	11	0.89
(6,976)	1:63:A:ILE:HA	1:64:A:LYS:HD3	11	0.89
(6,963)	1:15:A:ALA:HB1	1:134:A:VAL:HB	17	0.89
(6,963)	1:15:A:ALA:HB2	1:134:A:VAL:HB	17	0.89
(6,963)	1:15:A:ALA:HB3	1:134:A:VAL:HB	17	0.89
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	3	0.89
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	3	0.89
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	3	0.89
(6,815)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	19	0.89
(6,815)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	19	0.89
(6,815)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	19	0.89
(6,815)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	19	0.89
(6,815)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	19	0.89
(6,815)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	19	0.89
(6,217)	1:44:A:GLU:HG2	1:48:A:ARG:H	3	0.89
(6,217)	1:44:A:GLU:HG2	1:48:A:ARG:H	17	0.89
(5,2179)	1:55:A:GLY:H	1:122:A:ASP:HB2	9	0.89
(5,2179)	1:55:A:GLY:H	1:122:A:ASP:HB3	9	0.89
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	4	0.89
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	4	0.89
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	4	0.89
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	4	0.89
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	4	0.89
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	4	0.89
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	4	0.89
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	4	0.89
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	4	0.89
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	4	0.89
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	4	0.89
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	4	0.89
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	4	0.89
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	4	0.89
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	4	0.89
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	4	0.89
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	4	0.89
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	4	0.89
(5,1882)	1:9:A:PHE:HZ	1:11:A:ILE:HA	5	0.89
(5,1623)	1:73:A:ILE:HG21	1:111:A:GLU:H	13	0.89
(5,1623)	1:73:A:ILE:HG22	1:111:A:GLU:H	13	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1623)	1:73:A:ILE:HG23	1:111:A:GLU:H	13	0.89
(5,1206)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	2	0.89
(5,1206)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	2	0.89
(5,1206)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	2	0.89
(5,992)	1:63:A:ILE:HA	1:64:A:LYS:HD2	11	0.89
(5,992)	1:63:A:ILE:HA	1:64:A:LYS:HD3	11	0.89
(5,989)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.89
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG2	18	0.89
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG3	18	0.89
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG2	18	0.89
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG3	18	0.89
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG2	18	0.89
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG3	18	0.89
(5,913)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	16	0.89
(5,228)	1:112:A:GLN:HG2	1:114:A:ILE:H	4	0.89
(5,228)	1:112:A:GLN:HG3	1:114:A:ILE:H	4	0.89
(5,228)	1:112:A:GLN:HG2	1:114:A:ILE:H	11	0.89
(5,228)	1:112:A:GLN:HG3	1:114:A:ILE:H	11	0.89
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD21	8	0.89
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD22	8	0.89
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD23	8	0.89
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD21	8	0.89
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD22	8	0.89
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD23	8	0.89
(4,2289)	1:98:A:ILE:H	1:104:A:PHE:HB2	5	0.89
(4,2289)	1:98:A:ILE:H	1:104:A:PHE:HB3	5	0.89
(4,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	16	0.89
(4,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	16	0.89
(4,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	16	0.89
(4,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	16	0.89
(4,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	16	0.89
(4,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	16	0.89
(4,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	16	0.89
(4,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	16	0.89
(4,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	16	0.89
(4,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	16	0.89
(4,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	16	0.89
(4,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	16	0.89
(4,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	16	0.89
(4,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	16	0.89
(4,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	16	0.89
(4,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	16	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	16	0.89
(4,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	16	0.89
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD11	14	0.89
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD12	14	0.89
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD13	14	0.89
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD21	14	0.89
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD22	14	0.89
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD23	14	0.89
(4,1981)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	1	0.89
(4,1981)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	1	0.89
(4,1981)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	1	0.89
(4,1981)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	1	0.89
(4,1981)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	1	0.89
(4,1981)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	1	0.89
(4,1897)	1:14:A:VAL:HB	1:18:A:PHE:HZ	6	0.89
(4,1891)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	19	0.89
(4,1891)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	19	0.89
(4,1868)	1:18:A:PHE:HE1	1:117:A:VAL:HA	4	0.89
(4,1868)	1:18:A:PHE:HE2	1:117:A:VAL:HA	4	0.89
(4,1822)	1:13:A:ALA:HA	1:80:A:TYR:HE1	12	0.89
(4,1822)	1:13:A:ALA:HA	1:80:A:TYR:HE2	12	0.89
(4,1794)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	15	0.89
(4,1794)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	15	0.89
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD21	19	0.89
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD22	19	0.89
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD23	19	0.89
(4,1444)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	15	0.89
(4,1444)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	15	0.89
(4,1444)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	15	0.89
(4,1444)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	15	0.89
(4,1444)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	15	0.89
(4,1444)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	15	0.89
(4,1444)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	15	0.89
(4,1444)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	15	0.89
(4,1444)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	15	0.89
(4,1258)	1:12:A:VAL:HG21	1:13:A:ALA:HA	1	0.89
(4,1258)	1:12:A:VAL:HG22	1:13:A:ALA:HA	1	0.89
(4,1258)	1:12:A:VAL:HG23	1:13:A:ALA:HA	1	0.89
(4,1200)	1:34:A:LYS:H	1:81:A:GLU:HA	7	0.89
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD21	5	0.89
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD22	5	0.89
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD23	5	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,965)	1:15:A:ALA:HB1	1:134:A:VAL:HB	17	0.89
(4,965)	1:15:A:ALA:HB2	1:134:A:VAL:HB	17	0.89
(4,965)	1:15:A:ALA:HB3	1:134:A:VAL:HB	17	0.89
(4,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	19	0.89
(4,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	19	0.89
(4,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	19	0.89
(4,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	19	0.89
(4,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	19	0.89
(4,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	19	0.89
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB1	11	0.89
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB2	11	0.89
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB3	11	0.89
(4,304)	1:64:A:LYS:HD2	1:65:A:CYS:H	5	0.89
(4,304)	1:64:A:LYS:HD3	1:65:A:CYS:H	5	0.89
(4,147)	1:131:A:LEU:H	1:131:A:LEU:HG	12	0.89
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	3	0.89
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	3	0.89
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	3	0.89
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	3	0.89
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	3	0.89
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	3	0.89
(3,2007)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	13	0.89
(3,2007)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	13	0.89
(3,2007)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	13	0.89
(3,2007)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	13	0.89
(3,2007)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	13	0.89
(3,2007)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	13	0.89
(3,1949)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	2	0.89
(3,1949)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	2	0.89
(3,1942)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	19	0.89
(3,1942)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	19	0.89
(3,1928)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	4	0.89
(3,1928)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	4	0.89
(3,1883)	1:9:A:PHE:HZ	1:11:A:ILE:HA	5	0.89
(3,1410)	1:94:A:ALA:HA	1:95:A:ILE:HD11	2	0.89
(3,1410)	1:94:A:ALA:HA	1:95:A:ILE:HD12	2	0.89
(3,1410)	1:94:A:ALA:HA	1:95:A:ILE:HD13	2	0.89
(3,1406)	1:97:A:ASP:HA	1:98:A:ILE:HG12	6	0.89
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG11	16	0.89
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG12	16	0.89
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG13	16	0.89
(3,1355)	1:106:A:ASP:HA	1:112:A:GLN:HE21	5	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1213)	1:11:A:ILE:HA	1:40:A:LEU:HD11	16	0.89
(3,1213)	1:11:A:ILE:HA	1:40:A:LEU:HD12	16	0.89
(3,1213)	1:11:A:ILE:HA	1:40:A:LEU:HD13	16	0.89
(3,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	19	0.89
(3,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	19	0.89
(3,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	19	0.89
(3,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	19	0.89
(3,1008)	1:63:A:ILE:HA	1:64:A:LYS:HD2	11	0.89
(3,1008)	1:63:A:ILE:HA	1:64:A:LYS:HD3	11	0.89
(3,1005)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.89
(3,992)	1:31:A:PRO:HB2	1:143:A:TRP:HA	11	0.89
(3,992)	1:31:A:PRO:HB3	1:143:A:TRP:HA	11	0.89
(3,806)	1:63:A:ILE:HD11	1:69:A:MET:HE1	11	0.89
(3,806)	1:63:A:ILE:HD11	1:69:A:MET:HE2	11	0.89
(3,806)	1:63:A:ILE:HD11	1:69:A:MET:HE3	11	0.89
(3,806)	1:63:A:ILE:HD12	1:69:A:MET:HE1	11	0.89
(3,806)	1:63:A:ILE:HD12	1:69:A:MET:HE2	11	0.89
(3,806)	1:63:A:ILE:HD12	1:69:A:MET:HE3	11	0.89
(3,806)	1:63:A:ILE:HD13	1:69:A:MET:HE1	11	0.89
(3,806)	1:63:A:ILE:HD13	1:69:A:MET:HE2	11	0.89
(3,806)	1:63:A:ILE:HD13	1:69:A:MET:HE3	11	0.89
(3,425)	1:100:A:ALA:H	1:119:A:LEU:HB3	14	0.89
(3,381)	1:40:A:LEU:HD11	1:41:A:LYS:H	18	0.89
(3,381)	1:40:A:LEU:HD12	1:41:A:LYS:H	18	0.89
(3,381)	1:40:A:LEU:HD13	1:41:A:LYS:H	18	0.89
(3,149)	1:131:A:LEU:H	1:131:A:LEU:HG	12	0.89
(2,2471)	1:145:A:PRO:HB2	1:148:A:CYS:HB2	6	0.89
(2,2471)	1:145:A:PRO:HB2	1:148:A:CYS:HB3	6	0.89
(2,2440)	1:137:A:SER:HB2	1:140:A:LEU:HB2	9	0.89
(2,2440)	1:137:A:SER:HB3	1:140:A:LEU:HB2	9	0.89
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG11	15	0.89
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG12	15	0.89
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG13	15	0.89
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG21	15	0.89
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG22	15	0.89
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG23	15	0.89
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG11	15	0.89
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG12	15	0.89
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG13	15	0.89
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG21	15	0.89
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG22	15	0.89
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG23	15	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG11	15	0.89
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG12	15	0.89
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG13	15	0.89
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG21	15	0.89
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG22	15	0.89
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG23	15	0.89
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG11	15	0.89
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG12	15	0.89
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG13	15	0.89
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG21	15	0.89
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG22	15	0.89
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG23	15	0.89
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG11	15	0.89
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG12	15	0.89
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG13	15	0.89
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG21	15	0.89
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG22	15	0.89
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG23	15	0.89
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG11	15	0.89
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG12	15	0.89
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG13	15	0.89
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG21	15	0.89
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG22	15	0.89
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG23	15	0.89
(2,2134)	1:39:A:VAL:HG11	1:144:A:LEU:H	2	0.89
(2,2134)	1:39:A:VAL:HG12	1:144:A:LEU:H	2	0.89
(2,2134)	1:39:A:VAL:HG13	1:144:A:LEU:H	2	0.89
(2,2134)	1:39:A:VAL:HG21	1:144:A:LEU:H	2	0.89
(2,2134)	1:39:A:VAL:HG22	1:144:A:LEU:H	2	0.89
(2,2134)	1:39:A:VAL:HG23	1:144:A:LEU:H	2	0.89
(2,2013)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	1	0.89
(2,2013)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	1	0.89
(2,2013)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	1	0.89
(2,2013)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	1	0.89
(2,2013)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	1	0.89
(2,2013)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	1	0.89
(2,1783)	1:39:A:VAL:HG21	1:144:A:LEU:H	16	0.89
(2,1783)	1:39:A:VAL:HG22	1:144:A:LEU:H	16	0.89
(2,1783)	1:39:A:VAL:HG23	1:144:A:LEU:H	16	0.89
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	2	0.89
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	2	0.89
(2,1669)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	2	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	2	0.89
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	2	0.89
(2,1669)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	2	0.89
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	2	0.89
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	2	0.89
(2,1669)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	2	0.89
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE1	1	0.89
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE2	1	0.89
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE3	1	0.89
(2,1387)	1:97:A:ASP:HA	1:98:A:ILE:HG12	6	0.89
(2,1369)	1:39:A:VAL:HG11	1:144:A:LEU:H	14	0.89
(2,1369)	1:39:A:VAL:HG12	1:144:A:LEU:H	14	0.89
(2,1369)	1:39:A:VAL:HG13	1:144:A:LEU:H	14	0.89
(2,1170)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	4	0.89
(2,1170)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	4	0.89
(2,1170)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	4	0.89
(2,982)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.89
(2,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	19	0.89
(2,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	19	0.89
(2,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	19	0.89
(2,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	19	0.89
(2,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	19	0.89
(2,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	19	0.89
(2,789)	1:63:A:ILE:HD11	1:69:A:MET:HE1	11	0.89
(2,789)	1:63:A:ILE:HD11	1:69:A:MET:HE2	11	0.89
(2,789)	1:63:A:ILE:HD11	1:69:A:MET:HE3	11	0.89
(2,789)	1:63:A:ILE:HD12	1:69:A:MET:HE1	11	0.89
(2,789)	1:63:A:ILE:HD12	1:69:A:MET:HE2	11	0.89
(2,789)	1:63:A:ILE:HD12	1:69:A:MET:HE3	11	0.89
(2,789)	1:63:A:ILE:HD13	1:69:A:MET:HE1	11	0.89
(2,789)	1:63:A:ILE:HD13	1:69:A:MET:HE2	11	0.89
(2,789)	1:63:A:ILE:HD13	1:69:A:MET:HE3	11	0.89
(1,2219)	1:69:A:MET:HG2	1:70:A:LYS:HG2	2	0.89
(1,2219)	1:69:A:MET:HG3	1:70:A:LYS:HG2	2	0.89
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	2	0.89
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	2	0.89
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	2	0.89
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	2	0.89
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	2	0.89
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	2	0.89
(1,1934)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	2	0.89
(1,1934)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	2	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1722)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	8	0.89
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	8	0.89
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	8	0.89
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	8	0.89
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	8	0.89
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	8	0.89
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	8	0.89
(1,1247)	1:40:A:LEU:HD11	1:44:A:GLU:H	16	0.89
(1,1247)	1:40:A:LEU:HD12	1:44:A:GLU:H	16	0.89
(1,1247)	1:40:A:LEU:HD13	1:44:A:GLU:H	16	0.89
(1,1211)	1:41:A:LYS:HG3	1:44:A:GLU:HG3	1	0.89
(1,1014)	1:63:A:ILE:HA	1:64:A:LYS:HD2	11	0.89
(1,1014)	1:63:A:ILE:HA	1:64:A:LYS:HD3	11	0.89
(1,1012)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.89
(1,807)	1:63:A:ILE:HD11	1:69:A:MET:HE1	11	0.89
(1,807)	1:63:A:ILE:HD11	1:69:A:MET:HE2	11	0.89
(1,807)	1:63:A:ILE:HD11	1:69:A:MET:HE3	11	0.89
(1,807)	1:63:A:ILE:HD12	1:69:A:MET:HE1	11	0.89
(1,807)	1:63:A:ILE:HD12	1:69:A:MET:HE2	11	0.89
(1,807)	1:63:A:ILE:HD12	1:69:A:MET:HE3	11	0.89
(1,807)	1:63:A:ILE:HD13	1:69:A:MET:HE1	11	0.89
(1,807)	1:63:A:ILE:HD13	1:69:A:MET:HE2	11	0.89
(1,807)	1:63:A:ILE:HD13	1:69:A:MET:HE3	11	0.89
(1,567)	1:10:A:ASN:HD21	1:12:A:VAL:HG21	12	0.89
(1,567)	1:10:A:ASN:HD21	1:12:A:VAL:HG22	12	0.89
(1,567)	1:10:A:ASN:HD21	1:12:A:VAL:HG23	12	0.89
(1,567)	1:10:A:ASN:HD21	1:12:A:VAL:HG21	19	0.89
(1,567)	1:10:A:ASN:HD21	1:12:A:VAL:HG22	19	0.89
(1,567)	1:10:A:ASN:HD21	1:12:A:VAL:HG23	19	0.89
(1,160)	1:131:A:LEU:H	1:131:A:LEU:HG	12	0.89
(34,2162)	1:46:A:ASN:HD21	1:137:A:SER:HA	8	0.88
(34,2162)	1:46:A:ASN:HD22	1:137:A:SER:HA	8	0.88
(34,2144)	1:41:A:LYS:HG3	1:42:A:GLU:HB2	19	0.88
(34,2144)	1:41:A:LYS:HG3	1:42:A:GLU:HB3	19	0.88
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	6	0.88
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	6	0.88
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	6	0.88
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	6	0.88
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	6	0.88
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	6	0.88
(34,1923)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	6	0.88
(34,1722)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	4	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1722)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	4	0.88
(34,1722)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	4	0.88
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	8	0.88
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	8	0.88
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	8	0.88
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD2	3	0.88
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD3	3	0.88
(34,1568)	1:40:A:LEU:HD21	1:43:A:MET:H	13	0.88
(34,1568)	1:40:A:LEU:HD22	1:43:A:MET:H	13	0.88
(34,1568)	1:40:A:LEU:HD23	1:43:A:MET:H	13	0.88
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE1	19	0.88
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE2	19	0.88
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE3	19	0.88
(34,1180)	1:13:A:ALA:HB1	1:80:A:TYR:HA	17	0.88
(34,1180)	1:13:A:ALA:HB2	1:80:A:TYR:HA	17	0.88
(34,1180)	1:13:A:ALA:HB3	1:80:A:TYR:HA	17	0.88
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB2	5	0.88
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB3	5	0.88
(34,661)	1:79:A:THR:H	1:80:A:TYR:HD1	3	0.88
(34,661)	1:79:A:THR:H	1:80:A:TYR:HD2	3	0.88
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD21	1	0.88
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD22	1	0.88
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD23	1	0.88
(34,572)	1:10:A:ASN:HD21	1:11:A:ILE:HB	18	0.88
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD11	13	0.88
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD12	13	0.88
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD13	13	0.88
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD21	13	0.88
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD22	13	0.88
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD23	13	0.88
(33,1916)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	6	0.88
(33,1916)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	6	0.88
(33,1788)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	16	0.88
(33,1788)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	16	0.88
(33,1788)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	16	0.88
(33,1788)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	16	0.88
(33,1226)	1:11:A:ILE:HD11	1:131:A:LEU:HA	13	0.88
(33,1226)	1:11:A:ILE:HD12	1:131:A:LEU:HA	13	0.88
(33,1226)	1:11:A:ILE:HD13	1:131:A:LEU:HA	13	0.88
(33,175)	1:8:A:ASP:H	1:58:A:ILE:HD11	12	0.88
(33,175)	1:8:A:ASP:H	1:58:A:ILE:HD12	12	0.88
(33,175)	1:8:A:ASP:H	1:58:A:ILE:HD13	12	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2290)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	7	0.88
(32,2290)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	7	0.88
(32,2290)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	7	0.88
(32,2290)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	7	0.88
(32,2290)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	7	0.88
(32,2290)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	7	0.88
(32,2290)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	7	0.88
(32,2290)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	7	0.88
(32,2290)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	7	0.88
(32,2290)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	7	0.88
(32,2290)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	7	0.88
(32,2290)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	7	0.88
(32,2156)	1:46:A:ASN:HD21	1:134:A:VAL:HA	13	0.88
(32,2156)	1:46:A:ASN:HD22	1:134:A:VAL:HA	13	0.88
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD11	9	0.88
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD12	9	0.88
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD13	9	0.88
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD21	9	0.88
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD22	9	0.88
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD23	9	0.88
(32,1817)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	16	0.88
(32,1817)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	16	0.88
(32,1817)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	16	0.88
(32,1817)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	16	0.88
(32,1811)	1:13:A:ALA:HA	1:80:A:TYR:HE1	1	0.88
(32,1811)	1:13:A:ALA:HA	1:80:A:TYR:HE2	1	0.88
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG21	1	0.88
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG22	1	0.88
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG23	1	0.88
(32,1515)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	13	0.88
(32,1515)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	13	0.88
(32,1515)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	13	0.88
(32,1515)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	13	0.88
(32,1515)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	13	0.88
(32,1515)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	13	0.88
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD21	8	0.88
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD22	8	0.88
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD23	8	0.88
(32,1259)	1:66:A:THR:HG21	1:96:A:VAL:H	16	0.88
(32,1259)	1:66:A:THR:HG22	1:96:A:VAL:H	16	0.88
(32,1259)	1:66:A:THR:HG23	1:96:A:VAL:H	16	0.88
(32,1214)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	17	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1214)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	17	0.88
(32,1214)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	17	0.88
(32,1214)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	17	0.88
(32,1214)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	17	0.88
(32,1214)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	17	0.88
(32,1157)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	13	0.88
(32,1157)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	13	0.88
(32,1157)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	13	0.88
(32,1157)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	13	0.88
(32,1157)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	13	0.88
(32,1157)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	13	0.88
(32,1116)	1:13:A:ALA:HB1	1:80:A:TYR:HA	17	0.88
(32,1116)	1:13:A:ALA:HB2	1:80:A:TYR:HA	17	0.88
(32,1116)	1:13:A:ALA:HB3	1:80:A:TYR:HA	17	0.88
(32,838)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	6	0.88
(32,838)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	6	0.88
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE1	8	0.88
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE2	8	0.88
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE3	8	0.88
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD11	10	0.88
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD12	10	0.88
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD13	10	0.88
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD11	10	0.88
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD12	10	0.88
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD13	10	0.88
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD11	10	0.88
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD12	10	0.88
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD13	10	0.88
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD21	1	0.88
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD22	1	0.88
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD23	1	0.88
(30,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	16	0.88
(30,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	16	0.88
(30,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	16	0.88
(29,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	7	0.88
(29,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	7	0.88
(29,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	7	0.88
(29,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	7	0.88
(29,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	7	0.88
(29,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	7	0.88
(29,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	7	0.88
(29,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	7	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	7	0.88
(29,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	7	0.88
(29,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	7	0.88
(29,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	7	0.88
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	3	0.88
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	3	0.88
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	3	0.88
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	3	0.88
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	3	0.88
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	3	0.88
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	3	0.88
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	3	0.88
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	3	0.88
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	3	0.88
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	3	0.88
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	3	0.88
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	3	0.88
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	3	0.88
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	3	0.88
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	3	0.88
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	3	0.88
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	3	0.88
(29,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	10	0.88
(29,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	10	0.88
(29,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	10	0.88
(29,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	10	0.88
(29,2147)	1:41:A:LYS:HG3	1:42:A:GLU:HB2	19	0.88
(29,2147)	1:41:A:LYS:HG3	1:42:A:GLU:HB3	19	0.88
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD11	9	0.88
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD12	9	0.88
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD13	9	0.88
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD21	9	0.88
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD22	9	0.88
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD23	9	0.88
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	3	0.88
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	3	0.88
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	3	0.88
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	3	0.88
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	3	0.88
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	3	0.88
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	3	0.88
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	3	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	3	0.88
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	3	0.88
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	3	0.88
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	3	0.88
(29,1680)	1:69:A:MET:HE1	1:116:A:GLN:HG3	1	0.88
(29,1680)	1:69:A:MET:HE2	1:116:A:GLN:HG3	1	0.88
(29,1680)	1:69:A:MET:HE3	1:116:A:GLN:HG3	1	0.88
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE1	19	0.88
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE2	19	0.88
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE3	19	0.88
(29,1166)	1:13:A:ALA:HB1	1:80:A:TYR:HA	17	0.88
(29,1166)	1:13:A:ALA:HB2	1:80:A:TYR:HA	17	0.88
(29,1166)	1:13:A:ALA:HB3	1:80:A:TYR:HA	17	0.88
(29,970)	1:15:A:ALA:HB1	1:43:A:MET:HB2	14	0.88
(29,970)	1:15:A:ALA:HB2	1:43:A:MET:HB2	14	0.88
(29,970)	1:15:A:ALA:HB3	1:43:A:MET:HB2	14	0.88
(29,658)	1:79:A:THR:H	1:80:A:TYR:HD1	3	0.88
(29,658)	1:79:A:THR:H	1:80:A:TYR:HD2	3	0.88
(29,37)	1:95:A:ILE:HB	1:96:A:VAL:H	18	0.88
(22,39)	1:128:A:LEU:H	1:124:A:THR:C	16	0.88
(22,38)	1:120:A:CYS:N	1:116:A:GLN:C	17	0.88
(22,37)	1:120:A:CYS:H	1:116:A:GLN:C	16	0.88
(22,37)	1:120:A:CYS:H	1:116:A:GLN:C	19	0.88
(22,31)	1:117:A:VAL:H	1:113:A:PHE:C	8	0.88
(22,26)	1:114:A:ILE:N	1:110:A:MET:C	4	0.88
(22,26)	1:114:A:ILE:N	1:110:A:MET:C	8	0.88
(22,26)	1:114:A:ILE:N	1:110:A:MET:C	9	0.88
(22,26)	1:114:A:ILE:N	1:110:A:MET:C	15	0.88
(22,25)	1:114:A:ILE:H	1:110:A:MET:C	5	0.88
(22,25)	1:114:A:ILE:H	1:110:A:MET:C	18	0.88
(22,25)	1:114:A:ILE:H	1:110:A:MET:C	19	0.88
(22,23)	1:113:A:PHE:H	1:109:A:PRO:C	1	0.88
(22,23)	1:113:A:PHE:H	1:109:A:PRO:C	12	0.88
(19,14)	1:52:A:CYS:SG	1:123:A:CYS:CB	2	0.88
(18,2283)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	10	0.88
(18,2283)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	10	0.88
(18,2283)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	10	0.88
(18,2283)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	10	0.88
(18,2283)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	10	0.88
(18,2283)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	10	0.88
(18,2283)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	10	0.88
(18,2283)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	10	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2283)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	10	0.88
(18,2283)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	10	0.88
(18,2283)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	10	0.88
(18,2283)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	10	0.88
(18,2281)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	7	0.88
(18,2281)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	7	0.88
(18,2281)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	7	0.88
(18,2281)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	7	0.88
(18,2281)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	7	0.88
(18,2281)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	7	0.88
(18,2281)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	7	0.88
(18,2281)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	7	0.88
(18,2281)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	7	0.88
(18,2281)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	7	0.88
(18,2281)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	7	0.88
(18,2281)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	7	0.88
(18,2226)	1:60:A:LEU:HD11	1:123:A:CYS:H	16	0.88
(18,2226)	1:60:A:LEU:HD12	1:123:A:CYS:H	16	0.88
(18,2226)	1:60:A:LEU:HD13	1:123:A:CYS:H	16	0.88
(18,2226)	1:60:A:LEU:HD21	1:123:A:CYS:H	16	0.88
(18,2226)	1:60:A:LEU:HD22	1:123:A:CYS:H	16	0.88
(18,2226)	1:60:A:LEU:HD23	1:123:A:CYS:H	16	0.88
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD11	9	0.88
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD12	9	0.88
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD13	9	0.88
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD21	9	0.88
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD22	9	0.88
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD23	9	0.88
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD11	10	0.88
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD12	10	0.88
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD13	10	0.88
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD21	10	0.88
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD22	10	0.88
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD23	10	0.88
(18,1837)	1:80:A:TYR:HE1	1:81:A:GLU:HB2	3	0.88
(18,1837)	1:80:A:TYR:HE2	1:81:A:GLU:HB2	3	0.88
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	18	0.88
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	18	0.88
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	18	0.88
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	18	0.88
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	18	0.88
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	18	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	9	0.88
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	9	0.88
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	9	0.88
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	9	0.88
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB2	5	0.88
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB3	5	0.88
(18,1643)	1:69:A:MET:HE1	1:116:A:GLN:HG3	3	0.88
(18,1643)	1:69:A:MET:HE2	1:116:A:GLN:HG3	3	0.88
(18,1643)	1:69:A:MET:HE3	1:116:A:GLN:HG3	3	0.88
(18,1286)	1:66:A:THR:HG21	1:96:A:VAL:H	16	0.88
(18,1286)	1:66:A:THR:HG22	1:96:A:VAL:H	16	0.88
(18,1286)	1:66:A:THR:HG23	1:96:A:VAL:H	16	0.88
(18,1026)	1:79:A:THR:HG21	1:81:A:GLU:HB2	13	0.88
(18,1026)	1:79:A:THR:HG22	1:81:A:GLU:HB2	13	0.88
(18,1026)	1:79:A:THR:HG23	1:81:A:GLU:HB2	13	0.88
(18,942)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	9	0.88
(18,942)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	9	0.88
(18,665)	1:79:A:THR:H	1:80:A:TYR:HD1	3	0.88
(18,665)	1:79:A:THR:H	1:80:A:TYR:HD2	3	0.88
(18,602)	1:75:A:GLY:H	1:77:A:CYS:HB3	9	0.88
(18,181)	1:8:A:ASP:H	1:58:A:ILE:HD11	12	0.88
(18,181)	1:8:A:ASP:H	1:58:A:ILE:HD12	12	0.88
(18,181)	1:8:A:ASP:H	1:58:A:ILE:HD13	12	0.88
(18,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	15	0.88
(17,2141)	1:40:A:LEU:HA	1:43:A:MET:HG2	9	0.88
(17,2141)	1:40:A:LEU:HA	1:43:A:MET:HG3	9	0.88
(17,2049)	1:23:A:LEU:HB2	1:146:A:GLN:HG2	7	0.88
(17,2049)	1:23:A:LEU:HB2	1:146:A:GLN:HG3	7	0.88
(17,2049)	1:23:A:LEU:HB3	1:146:A:GLN:HG2	7	0.88
(17,2049)	1:23:A:LEU:HB3	1:146:A:GLN:HG3	7	0.88
(17,1931)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	6	0.88
(17,1931)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	6	0.88
(17,1682)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	1	0.88
(17,1682)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	1	0.88
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE1	8	0.88
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE2	8	0.88
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE3	8	0.88
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD21	19	0.88
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD22	19	0.88
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD23	19	0.88
(17,1188)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	9	0.88
(17,1188)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	9	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1188)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	9	0.88
(17,867)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	12	0.88
(17,654)	1:79:A:THR:H	1:80:A:TYR:HD1	3	0.88
(17,654)	1:79:A:THR:H	1:80:A:TYR:HD2	3	0.88
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	1	0.88
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	1	0.88
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	1	0.88
(17,577)	1:126:A:GLY:H	1:128:A:LEU:HG	3	0.88
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD11	13	0.88
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD12	13	0.88
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD13	13	0.88
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD21	13	0.88
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD22	13	0.88
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD23	13	0.88
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD11	9	0.88
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD12	9	0.88
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD13	9	0.88
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD21	9	0.88
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD22	9	0.88
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD23	9	0.88
(16,2070)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	1	0.88
(16,2070)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	1	0.88
(16,2070)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	1	0.88
(16,2070)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	1	0.88
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD2	18	0.88
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD3	18	0.88
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD2	18	0.88
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD3	18	0.88
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD2	18	0.88
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD3	18	0.88
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB2	5	0.88
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB3	5	0.88
(16,1121)	1:146:A:GLN:HA	1:147:A:ARG:HG2	8	0.88
(16,1121)	1:146:A:GLN:HA	1:147:A:ARG:HG3	8	0.88
(16,1033)	1:34:A:LYS:H	1:81:A:GLU:HB2	6	0.88
(16,985)	1:14:A:VAL:HB	1:15:A:ALA:HB1	19	0.88
(16,985)	1:14:A:VAL:HB	1:15:A:ALA:HB2	19	0.88
(16,985)	1:14:A:VAL:HB	1:15:A:ALA:HB3	19	0.88
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	4	0.88
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	4	0.88
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	4	0.88
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD11	9	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD12	9	0.88
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD13	9	0.88
(16,35)	1:95:A:ILE:HB	1:96:A:VAL:H	18	0.88
(15,2108)	1:41:A:LYS:HG3	1:42:A:GLU:HB2	19	0.88
(15,2108)	1:41:A:LYS:HG3	1:42:A:GLU:HB3	19	0.88
(15,1859)	1:14:A:VAL:HA	1:18:A:PHE:HD1	17	0.88
(15,1859)	1:14:A:VAL:HA	1:18:A:PHE:HD2	17	0.88
(15,1575)	1:98:A:ILE:HD11	1:115:A:ALA:H	1	0.88
(15,1575)	1:98:A:ILE:HD12	1:115:A:ALA:H	1	0.88
(15,1575)	1:98:A:ILE:HD13	1:115:A:ALA:H	1	0.88
(15,698)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	17	0.88
(15,698)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	17	0.88
(13,2225)	1:70:A:LYS:HG2	1:71:A:LYS:H	8	0.88
(13,2225)	1:70:A:LYS:HG3	1:71:A:LYS:H	8	0.88
(13,2195)	1:65:A:CYS:HB2	1:69:A:MET:HE1	8	0.88
(13,2195)	1:65:A:CYS:HB2	1:69:A:MET:HE2	8	0.88
(13,2195)	1:65:A:CYS:HB2	1:69:A:MET:HE3	8	0.88
(13,2195)	1:65:A:CYS:HB3	1:69:A:MET:HE1	8	0.88
(13,2195)	1:65:A:CYS:HB3	1:69:A:MET:HE2	8	0.88
(13,2195)	1:65:A:CYS:HB3	1:69:A:MET:HE3	8	0.88
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	10	0.88
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	10	0.88
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	10	0.88
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	10	0.88
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	10	0.88
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	10	0.88
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	10	0.88
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	10	0.88
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	10	0.88
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	10	0.88
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	10	0.88
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	10	0.88
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	10	0.88
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	10	0.88
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	10	0.88
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	10	0.88
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	10	0.88
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	10	0.88
(13,2119)	1:46:A:ASN:HD21	1:137:A:SER:HA	8	0.88
(13,2119)	1:46:A:ASN:HD22	1:137:A:SER:HA	8	0.88
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD11	2	0.88
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD12	2	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD13	2	0.88
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD21	2	0.88
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD22	2	0.88
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD23	2	0.88
(13,2085)	1:41:A:LYS:HG3	1:42:A:GLU:HB2	19	0.88
(13,2085)	1:41:A:LYS:HG3	1:42:A:GLU:HB3	19	0.88
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD11	9	0.88
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD12	9	0.88
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD13	9	0.88
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD21	9	0.88
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD22	9	0.88
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD23	9	0.88
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD11	10	0.88
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD12	10	0.88
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD13	10	0.88
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD21	10	0.88
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD22	10	0.88
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD23	10	0.88
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	2	0.88
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	2	0.88
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	2	0.88
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	2	0.88
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	2	0.88
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	2	0.88
(13,1906)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	5	0.88
(13,1906)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	5	0.88
(13,1906)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	5	0.88
(13,1906)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	5	0.88
(13,1906)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	5	0.88
(13,1906)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	5	0.88
(13,1906)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	5	0.88
(13,1906)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	5	0.88
(13,1906)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	5	0.88
(13,1906)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	5	0.88
(13,1906)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	5	0.88
(13,1906)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	5	0.88
(13,1825)	1:9:A:PHE:HE1	1:14:A:VAL:HB	19	0.88
(13,1825)	1:9:A:PHE:HE2	1:14:A:VAL:HB	19	0.88
(13,1817)	1:9:A:PHE:HZ	1:58:A:ILE:HG13	2	0.88
(13,1817)	1:9:A:PHE:HZ	1:58:A:ILE:HG13	3	0.88
(13,1714)	1:63:A:ILE:HG21	1:113:A:PHE:HA	17	0.88
(13,1714)	1:63:A:ILE:HG22	1:113:A:PHE:HA	17	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1714)	1:63:A:ILE:HG23	1:113:A:PHE:HA	17	0.88
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG11	5	0.88
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG12	5	0.88
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG13	5	0.88
(13,1612)	1:47:A:ALA:H	1:134:A:VAL:HG11	8	0.88
(13,1612)	1:47:A:ALA:H	1:134:A:VAL:HG12	8	0.88
(13,1612)	1:47:A:ALA:H	1:134:A:VAL:HG13	8	0.88
(13,1324)	1:141:A:LYS:HB2	1:149:A:ALA:HA	17	0.88
(13,1324)	1:141:A:LYS:HB3	1:149:A:ALA:HA	17	0.88
(13,176)	1:8:A:ASP:H	1:58:A:ILE:HD11	12	0.88
(13,176)	1:8:A:ASP:H	1:58:A:ILE:HD12	12	0.88
(13,176)	1:8:A:ASP:H	1:58:A:ILE:HD13	12	0.88
(11,2179)	1:46:A:ASN:HD21	1:134:A:VAL:HA	13	0.88
(11,2179)	1:46:A:ASN:HD22	1:134:A:VAL:HA	13	0.88
(11,2150)	1:41:A:LYS:HG3	1:42:A:GLU:HB2	19	0.88
(11,2150)	1:41:A:LYS:HG3	1:42:A:GLU:HB3	19	0.88
(11,2093)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	19	0.88
(11,2093)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	19	0.88
(11,2093)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	19	0.88
(11,2093)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	19	0.88
(11,2093)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	19	0.88
(11,2093)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	19	0.88
(11,2093)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	19	0.88
(11,2093)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	19	0.88
(11,2093)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	19	0.88
(11,2093)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	19	0.88
(11,2093)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	19	0.88
(11,2093)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	19	0.88
(11,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	9	0.88
(11,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	9	0.88
(11,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	9	0.88
(11,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	9	0.88
(11,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	9	0.88
(11,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	9	0.88
(11,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	9	0.88
(11,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	9	0.88
(11,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	9	0.88
(11,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	9	0.88
(11,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	9	0.88
(11,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	9	0.88
(11,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	9	0.88
(11,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	9	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	9	0.88
(11,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	9	0.88
(11,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	9	0.88
(11,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	9	0.88
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	7	0.88
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	7	0.88
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	7	0.88
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD2	13	0.88
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD3	13	0.88
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD2	13	0.88
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD3	13	0.88
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD2	13	0.88
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD3	13	0.88
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	1	0.88
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	1	0.88
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	1	0.88
(11,583)	1:128:A:LEU:HD11	1:130:A:GLY:H	5	0.88
(11,583)	1:128:A:LEU:HD12	1:130:A:GLY:H	5	0.88
(11,583)	1:128:A:LEU:HD13	1:130:A:GLY:H	5	0.88
(11,583)	1:128:A:LEU:HD11	1:130:A:GLY:H	17	0.88
(11,583)	1:128:A:LEU:HD12	1:130:A:GLY:H	17	0.88
(11,583)	1:128:A:LEU:HD13	1:130:A:GLY:H	17	0.88
(9,2114)	1:41:A:LYS:HG3	1:42:A:GLU:HB2	19	0.88
(9,2114)	1:41:A:LYS:HG3	1:42:A:GLU:HB3	19	0.88
(9,1926)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	13	0.88
(9,1926)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	13	0.88
(9,1926)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	13	0.88
(9,1926)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	13	0.88
(9,1926)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	13	0.88
(9,1926)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	13	0.88
(9,1926)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	13	0.88
(9,1926)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	13	0.88
(9,1926)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	13	0.88
(9,1926)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	13	0.88
(9,1926)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	13	0.88
(9,1926)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	13	0.88
(9,1874)	1:14:A:VAL:HA	1:18:A:PHE:HD1	6	0.88
(9,1874)	1:14:A:VAL:HA	1:18:A:PHE:HD2	6	0.88
(9,1743)	1:63:A:ILE:HG21	1:113:A:PHE:HA	17	0.88
(9,1743)	1:63:A:ILE:HG22	1:113:A:PHE:HA	17	0.88
(9,1743)	1:63:A:ILE:HG23	1:113:A:PHE:HA	17	0.88
(9,1704)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	4	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1704)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	4	0.88
(9,1704)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	4	0.88
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD2	3	0.88
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD3	3	0.88
(9,1180)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	9	0.88
(9,1180)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	9	0.88
(9,1180)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	9	0.88
(9,1081)	1:101:A:ILE:HG21	1:112:A:GLN:HA	19	0.88
(9,1081)	1:101:A:ILE:HG22	1:112:A:GLN:HA	19	0.88
(9,1081)	1:101:A:ILE:HG23	1:112:A:GLN:HA	19	0.88
(9,923)	1:108:A:GLU:HG3	1:112:A:GLN:H	7	0.88
(9,649)	1:79:A:THR:H	1:80:A:TYR:HD1	3	0.88
(9,649)	1:79:A:THR:H	1:80:A:TYR:HD2	3	0.88
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	1	0.88
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	1	0.88
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	1	0.88
(9,194)	1:44:A:GLU:H	1:44:A:GLU:HG2	9	0.88
(9,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	16	0.88
(9,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	16	0.88
(9,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	16	0.88
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB1	11	0.88
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB2	11	0.88
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB3	11	0.88
(7,2251)	1:79:A:THR:HG21	1:81:A:GLU:HB2	17	0.88
(7,2251)	1:79:A:THR:HG21	1:81:A:GLU:HB3	17	0.88
(7,2251)	1:79:A:THR:HG22	1:81:A:GLU:HB2	17	0.88
(7,2251)	1:79:A:THR:HG22	1:81:A:GLU:HB3	17	0.88
(7,2251)	1:79:A:THR:HG23	1:81:A:GLU:HB2	17	0.88
(7,2251)	1:79:A:THR:HG23	1:81:A:GLU:HB3	17	0.88
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD1	12	0.88
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD2	12	0.88
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD1	12	0.88
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD2	12	0.88
(7,2108)	1:41:A:LYS:HG3	1:42:A:GLU:HB2	19	0.88
(7,2108)	1:41:A:LYS:HG3	1:42:A:GLU:HB3	19	0.88
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD11	9	0.88
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD12	9	0.88
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD13	9	0.88
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD21	9	0.88
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD22	9	0.88
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD23	9	0.88
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD11	4	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD12	4	0.88
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD13	4	0.88
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD21	4	0.88
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD22	4	0.88
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD23	4	0.88
(7,1994)	1:23:A:LEU:HB2	1:146:A:GLN:HG2	7	0.88
(7,1994)	1:23:A:LEU:HB2	1:146:A:GLN:HG3	7	0.88
(7,1994)	1:23:A:LEU:HB3	1:146:A:GLN:HG2	7	0.88
(7,1994)	1:23:A:LEU:HB3	1:146:A:GLN:HG3	7	0.88
(7,1625)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	13	0.88
(7,1625)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	13	0.88
(7,1625)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	13	0.88
(7,1625)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	13	0.88
(7,1625)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	13	0.88
(7,1625)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	13	0.88
(7,1625)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	13	0.88
(7,1625)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	13	0.88
(7,1625)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	13	0.88
(7,1621)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	8	0.88
(7,1621)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	8	0.88
(7,1621)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	8	0.88
(7,1621)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	8	0.88
(7,1621)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	8	0.88
(7,1621)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	8	0.88
(7,1621)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	8	0.88
(7,1621)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	8	0.88
(7,1621)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	8	0.88
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	8	0.88
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	8	0.88
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	8	0.88
(7,1439)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	14	0.88
(7,1439)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	14	0.88
(7,1439)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	14	0.88
(7,1439)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	14	0.88
(7,1439)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	14	0.88
(7,1439)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	14	0.88
(7,1439)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	14	0.88
(7,1439)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	14	0.88
(7,1439)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	14	0.88
(7,851)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	1	0.88
(6,2132)	1:41:A:LYS:HG3	1:42:A:GLU:HB2	19	0.88
(6,2132)	1:41:A:LYS:HG3	1:42:A:GLU:HB3	19	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD11	9	0.88
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD12	9	0.88
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD13	9	0.88
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD21	9	0.88
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD22	9	0.88
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD23	9	0.88
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	6	0.88
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	6	0.88
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	6	0.88
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	6	0.88
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	6	0.88
(6,2061)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	6	0.88
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	6	0.88
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	6	0.88
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	6	0.88
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	6	0.88
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	6	0.88
(6,2061)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	6	0.88
(6,1925)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	6	0.88
(6,1871)	1:9:A:PHE:HE1	1:14:A:VAL:HB	8	0.88
(6,1871)	1:9:A:PHE:HE2	1:14:A:VAL:HB	8	0.88
(6,1848)	1:13:A:ALA:HA	1:80:A:TYR:HE1	1	0.88
(6,1848)	1:13:A:ALA:HA	1:80:A:TYR:HE2	1	0.88
(6,1798)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	14	0.88
(6,1798)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	14	0.88
(6,1798)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	14	0.88
(6,1798)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	14	0.88
(6,1741)	1:18:A:PHE:HB2	1:132:A:ALA:HA	7	0.88
(6,1741)	1:18:A:PHE:HB3	1:132:A:ALA:HA	7	0.88
(6,1713)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	4	0.88
(6,1713)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	4	0.88
(6,1713)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	4	0.88
(6,1289)	1:14:A:VAL:HG11	1:61:A:SER:HA	7	0.88
(6,1289)	1:14:A:VAL:HG12	1:61:A:SER:HA	7	0.88
(6,1289)	1:14:A:VAL:HG13	1:61:A:SER:HA	7	0.88
(6,914)	1:108:A:GLU:HG3	1:112:A:GLN:H	7	0.88
(6,776)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	5	0.88
(6,776)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	5	0.88
(6,776)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	5	0.88
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD21	1	0.88
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD22	1	0.88
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD23	1	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,176)	1:8:A:ASP:H	1:58:A:ILE:HD11	12	0.88
(6,176)	1:8:A:ASP:H	1:58:A:ILE:HD12	12	0.88
(6,176)	1:8:A:ASP:H	1:58:A:ILE:HD13	12	0.88
(6,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	16	0.88
(6,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	16	0.88
(6,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	16	0.88
(5,2162)	1:46:A:ASN:HD21	1:134:A:VAL:HA	13	0.88
(5,2162)	1:46:A:ASN:HD22	1:134:A:VAL:HA	13	0.88
(5,2129)	1:41:A:LYS:HG3	1:42:A:GLU:HB2	19	0.88
(5,2129)	1:41:A:LYS:HG3	1:42:A:GLU:HB3	19	0.88
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB2	5	0.88
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB3	5	0.88
(5,1623)	1:73:A:ILE:HG21	1:111:A:GLU:H	19	0.88
(5,1623)	1:73:A:ILE:HG22	1:111:A:GLU:H	19	0.88
(5,1623)	1:73:A:ILE:HG23	1:111:A:GLU:H	19	0.88
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	6	0.88
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	6	0.88
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	6	0.88
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	6	0.88
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	6	0.88
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	6	0.88
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	8	0.88
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	8	0.88
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	8	0.88
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	8	0.88
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	8	0.88
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	8	0.88
(5,1349)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	14	0.88
(5,1349)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	14	0.88
(5,1349)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	14	0.88
(5,1349)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	14	0.88
(5,1349)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	14	0.88
(5,1349)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	14	0.88
(5,1349)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	14	0.88
(5,1349)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	14	0.88
(5,1349)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	14	0.88
(5,1326)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	7	0.88
(5,1326)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	7	0.88
(5,1326)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	7	0.88
(5,1206)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	16	0.88
(5,1206)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	16	0.88
(5,1206)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	16	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1165)	1:13:A:ALA:HB1	1:80:A:TYR:HA	17	0.88
(5,1165)	1:13:A:ALA:HB2	1:80:A:TYR:HA	17	0.88
(5,1165)	1:13:A:ALA:HB3	1:80:A:TYR:HA	17	0.88
(5,969)	1:11:A:ILE:HG12	1:14:A:VAL:HB	3	0.88
(5,916)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	15	0.88
(5,39)	1:43:A:MET:HA	1:47:A:ALA:H	6	0.88
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD11	2	0.88
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD12	2	0.88
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD13	2	0.88
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD21	2	0.88
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD22	2	0.88
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD23	2	0.88
(4,2128)	1:41:A:LYS:HG3	1:42:A:GLU:HB2	19	0.88
(4,2128)	1:41:A:LYS:HG3	1:42:A:GLU:HB3	19	0.88
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	6	0.88
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	6	0.88
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	6	0.88
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	6	0.88
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	6	0.88
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	6	0.88
(4,1891)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	6	0.88
(4,1891)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	6	0.88
(4,1689)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	4	0.88
(4,1689)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	4	0.88
(4,1689)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	4	0.88
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD11	2	0.88
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD12	2	0.88
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD13	2	0.88
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	16	0.88
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	16	0.88
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	16	0.88
(4,1222)	1:40:A:LEU:HD11	1:44:A:GLU:H	16	0.88
(4,1222)	1:40:A:LEU:HD12	1:44:A:GLU:H	16	0.88
(4,1222)	1:40:A:LEU:HD13	1:44:A:GLU:H	16	0.88
(4,1002)	1:34:A:LYS:H	1:81:A:GLU:HB2	6	0.88
(4,776)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	5	0.88
(4,776)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	5	0.88
(4,776)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	5	0.88
(4,703)	1:48:A:ARG:HE	1:49:A:LYS:HA	15	0.88
(4,644)	1:79:A:THR:H	1:80:A:TYR:HD1	3	0.88
(4,644)	1:79:A:THR:H	1:80:A:TYR:HD2	3	0.88
(4,571)	1:126:A:GLY:H	1:128:A:LEU:HG	15	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,362)	1:41:A:LYS:H	1:44:A:GLU:HB2	6	0.88
(4,362)	1:41:A:LYS:H	1:44:A:GLU:HB3	6	0.88
(4,174)	1:8:A:ASP:H	1:58:A:ILE:HD11	12	0.88
(4,174)	1:8:A:ASP:H	1:58:A:ILE:HD12	12	0.88
(4,174)	1:8:A:ASP:H	1:58:A:ILE:HD13	12	0.88
(4,153)	1:50:A:ALA:HB1	1:127:A:CYS:H	13	0.88
(4,153)	1:50:A:ALA:HB2	1:127:A:CYS:H	13	0.88
(4,153)	1:50:A:ALA:HB3	1:127:A:CYS:H	13	0.88
(3,2499)	1:140:A:LEU:HD11	1:144:A:LEU:H	13	0.88
(3,2499)	1:140:A:LEU:HD12	1:144:A:LEU:H	13	0.88
(3,2499)	1:140:A:LEU:HD13	1:144:A:LEU:H	13	0.88
(3,2499)	1:140:A:LEU:HD21	1:144:A:LEU:H	13	0.88
(3,2499)	1:140:A:LEU:HD22	1:144:A:LEU:H	13	0.88
(3,2499)	1:140:A:LEU:HD23	1:144:A:LEU:H	13	0.88
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD11	13	0.88
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD12	13	0.88
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD13	13	0.88
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD21	13	0.88
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD22	13	0.88
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD23	13	0.88
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	2	0.88
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	2	0.88
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	2	0.88
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	2	0.88
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	2	0.88
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	2	0.88
(3,2152)	1:41:A:LYS:HG3	1:42:A:GLU:HB2	19	0.88
(3,2152)	1:41:A:LYS:HG3	1:42:A:GLU:HB3	19	0.88
(3,2018)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	14	0.88
(3,2018)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	14	0.88
(3,2018)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	14	0.88
(3,2018)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	14	0.88
(3,2018)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	14	0.88
(3,2018)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	14	0.88
(3,1942)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	6	0.88
(3,1942)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	6	0.88
(3,1905)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	11	0.88
(3,1905)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	11	0.88
(3,1905)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	11	0.88
(3,1905)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	11	0.88
(3,1873)	1:13:A:ALA:HA	1:80:A:TYR:HE1	1	0.88
(3,1873)	1:13:A:ALA:HA	1:80:A:TYR:HE2	1	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1743)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	4	0.88
(3,1743)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	4	0.88
(3,1743)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	4	0.88
(3,1271)	1:40:A:LEU:HA	1:40:A:LEU:HD21	13	0.88
(3,1271)	1:40:A:LEU:HA	1:40:A:LEU:HD22	13	0.88
(3,1271)	1:40:A:LEU:HA	1:40:A:LEU:HD23	13	0.88
(3,1030)	1:34:A:LYS:H	1:81:A:GLU:HB2	6	0.88
(3,1004)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	2	0.88
(3,1004)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	2	0.88
(3,887)	1:21:A:THR:HG21	1:24:A:ASP:HB2	17	0.88
(3,887)	1:21:A:THR:HG21	1:24:A:ASP:HB3	17	0.88
(3,887)	1:21:A:THR:HG22	1:24:A:ASP:HB2	17	0.88
(3,887)	1:21:A:THR:HG22	1:24:A:ASP:HB3	17	0.88
(3,887)	1:21:A:THR:HG23	1:24:A:ASP:HB2	17	0.88
(3,887)	1:21:A:THR:HG23	1:24:A:ASP:HB3	17	0.88
(3,720)	1:44:A:GLU:HB2	1:48:A:ARG:HE	11	0.88
(3,720)	1:44:A:GLU:HB3	1:48:A:ARG:HE	11	0.88
(3,659)	1:79:A:THR:H	1:80:A:TYR:HD1	3	0.88
(3,659)	1:79:A:THR:H	1:80:A:TYR:HD2	3	0.88
(3,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	16	0.88
(3,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	16	0.88
(3,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	16	0.88
(2,2151)	1:41:A:LYS:HG3	1:42:A:GLU:HB2	19	0.88
(2,2151)	1:41:A:LYS:HG3	1:42:A:GLU:HB3	19	0.88
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD11	6	0.88
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD12	6	0.88
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD13	6	0.88
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD11	6	0.88
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD12	6	0.88
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD13	6	0.88
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD11	6	0.88
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD12	6	0.88
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD13	6	0.88
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD11	6	0.88
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD12	6	0.88
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD13	6	0.88
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD11	6	0.88
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD12	6	0.88
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD13	6	0.88
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD11	6	0.88
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD12	6	0.88
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD13	6	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD21	6	0.88
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD22	6	0.88
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD23	6	0.88
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD21	6	0.88
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD22	6	0.88
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD23	6	0.88
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD21	6	0.88
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD22	6	0.88
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD23	6	0.88
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD21	6	0.88
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD22	6	0.88
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD23	6	0.88
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD21	6	0.88
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD22	6	0.88
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD23	6	0.88
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD21	6	0.88
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD22	6	0.88
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD23	6	0.88
(2,1811)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	1	0.88
(2,1811)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	1	0.88
(2,1811)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	1	0.88
(2,1811)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	1	0.88
(2,1811)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	1	0.88
(2,1811)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	1	0.88
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB2	5	0.88
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB3	5	0.88
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG21	1	0.88
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG22	1	0.88
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG23	1	0.88
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE1	8	0.88
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE2	8	0.88
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE3	8	0.88
(2,1401)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	8	0.88
(2,1401)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	8	0.88
(2,1401)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	8	0.88
(2,1239)	1:40:A:LEU:HD11	1:44:A:GLU:H	16	0.88
(2,1239)	1:40:A:LEU:HD12	1:44:A:GLU:H	16	0.88
(2,1239)	1:40:A:LEU:HD13	1:44:A:GLU:H	16	0.88
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD21	1	0.88
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD22	1	0.88
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD23	1	0.88
(2,509)	1:70:A:LYS:HE2	1:71:A:LYS:H	15	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,509)	1:70:A:LYS:HE3	1:71:A:LYS:H	15	0.88
(2,117)	1:10:A:ASN:HD22	1:80:A:TYR:H	4	0.88
(1,2126)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	19	0.88
(1,2126)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	19	0.88
(1,2126)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	19	0.88
(1,2126)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	19	0.88
(1,2126)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	19	0.88
(1,2126)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	19	0.88
(1,2126)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	19	0.88
(1,2126)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	19	0.88
(1,2126)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	19	0.88
(1,2126)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	19	0.88
(1,2126)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	19	0.88
(1,2126)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	19	0.88
(1,1861)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	4	0.88
(1,1861)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	4	0.88
(1,1861)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	4	0.88
(1,1861)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	4	0.88
(1,1595)	1:98:A:ILE:HD11	1:115:A:ALA:H	1	0.88
(1,1595)	1:98:A:ILE:HD12	1:115:A:ALA:H	1	0.88
(1,1595)	1:98:A:ILE:HD13	1:115:A:ALA:H	1	0.88
(1,1521)	1:43:A:MET:HE1	1:46:A:ASN:HB2	12	0.88
(1,1521)	1:43:A:MET:HE2	1:46:A:ASN:HB2	12	0.88
(1,1521)	1:43:A:MET:HE3	1:46:A:ASN:HB2	12	0.88
(1,1444)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	17	0.88
(1,1444)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	17	0.88
(1,1444)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	17	0.88
(1,1011)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	2	0.88
(1,1011)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	2	0.88
(1,939)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	8	0.88
(1,939)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	8	0.88
(1,939)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	8	0.88
(1,888)	1:21:A:THR:HG21	1:24:A:ASP:HB2	17	0.88
(1,888)	1:21:A:THR:HG21	1:24:A:ASP:HB3	17	0.88
(1,888)	1:21:A:THR:HG22	1:24:A:ASP:HB2	17	0.88
(1,888)	1:21:A:THR:HG22	1:24:A:ASP:HB3	17	0.88
(1,888)	1:21:A:THR:HG23	1:24:A:ASP:HB2	17	0.88
(1,888)	1:21:A:THR:HG23	1:24:A:ASP:HB3	17	0.88
(1,857)	1:48:A:ARG:HD2	1:49:A:LYS:H	14	0.88
(1,857)	1:48:A:ARG:HD3	1:49:A:LYS:H	14	0.88
(1,660)	1:79:A:THR:H	1:80:A:TYR:HD1	3	0.88
(1,660)	1:79:A:THR:H	1:80:A:TYR:HD2	3	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2140)	1:40:A:LEU:HD11	1:44:A:GLU:H	17	0.87
(34,2140)	1:40:A:LEU:HD12	1:44:A:GLU:H	17	0.87
(34,2140)	1:40:A:LEU:HD13	1:44:A:GLU:H	17	0.87
(34,2140)	1:40:A:LEU:HD21	1:44:A:GLU:H	17	0.87
(34,2140)	1:40:A:LEU:HD22	1:44:A:GLU:H	17	0.87
(34,2140)	1:40:A:LEU:HD23	1:44:A:GLU:H	17	0.87
(34,1902)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	16	0.87
(34,1902)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	16	0.87
(34,1902)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	16	0.87
(34,1902)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	16	0.87
(34,1902)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	16	0.87
(34,1902)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	16	0.87
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	6	0.87
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	6	0.87
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	6	0.87
(34,1476)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	14	0.87
(34,1476)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	14	0.87
(34,1476)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	14	0.87
(34,1476)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	14	0.87
(34,1476)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	14	0.87
(34,1476)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	14	0.87
(34,1476)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	14	0.87
(34,1476)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	14	0.87
(34,1476)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	14	0.87
(34,1153)	1:40:A:LEU:HA	1:44:A:GLU:HB2	6	0.87
(34,1153)	1:40:A:LEU:HA	1:44:A:GLU:HB3	6	0.87
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD11	6	0.87
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD12	6	0.87
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD13	6	0.87
(34,530)	1:70:A:LYS:HG3	1:71:A:LYS:H	14	0.87
(34,530)	1:70:A:LYS:HG3	1:71:A:LYS:H	15	0.87
(34,381)	1:41:A:LYS:H	1:44:A:GLU:HG2	4	0.87
(33,2494)	1:144:A:LEU:HB2	1:147:A:ARG:HE	2	0.87
(33,2494)	1:144:A:LEU:HB3	1:147:A:ARG:HE	2	0.87
(33,2456)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	2	0.87
(33,2456)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	2	0.87
(33,2456)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	2	0.87
(33,2456)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	2	0.87
(33,2456)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	2	0.87
(33,2456)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	2	0.87
(33,1970)	1:12:A:VAL:HG11	1:43:A:MET:HB2	10	0.87
(33,1970)	1:12:A:VAL:HG12	1:43:A:MET:HB2	10	0.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1970)	1:12:A:VAL:HG13	1:43:A:MET:HB2	10	0.87
(33,1970)	1:12:A:VAL:HG21	1:43:A:MET:HB2	10	0.87
(33,1970)	1:12:A:VAL:HG22	1:43:A:MET:HB2	10	0.87
(33,1970)	1:12:A:VAL:HG23	1:43:A:MET:HB2	10	0.87
(33,1847)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	2	0.87
(33,1847)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	2	0.87
(33,1847)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	2	0.87
(33,1847)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	2	0.87
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD11	13	0.87
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD12	13	0.87
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD13	13	0.87
(33,975)	1:11:A:ILE:HG12	1:14:A:VAL:HB	8	0.87
(33,936)	1:79:A:THR:HG21	1:81:A:GLU:HG2	6	0.87
(33,936)	1:79:A:THR:HG21	1:81:A:GLU:HG3	6	0.87
(33,936)	1:79:A:THR:HG22	1:81:A:GLU:HG2	6	0.87
(33,936)	1:79:A:THR:HG22	1:81:A:GLU:HG3	6	0.87
(33,936)	1:79:A:THR:HG23	1:81:A:GLU:HG2	6	0.87
(33,936)	1:79:A:THR:HG23	1:81:A:GLU:HG3	6	0.87
(33,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	15	0.87
(33,508)	1:70:A:LYS:HE2	1:71:A:LYS:H	15	0.87
(33,508)	1:70:A:LYS:HE3	1:71:A:LYS:H	15	0.87
(33,397)	1:105:A:LYS:HG3	1:106:A:ASP:H	12	0.87
(33,229)	1:44:A:GLU:HG3	1:48:A:ARG:H	13	0.87
(33,74)	1:79:A:THR:HG21	1:81:A:GLU:H	16	0.87
(33,74)	1:79:A:THR:HG22	1:81:A:GLU:H	16	0.87
(33,74)	1:79:A:THR:HG23	1:81:A:GLU:H	16	0.87
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	15	0.87
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	15	0.87
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	15	0.87
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	15	0.87
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	15	0.87
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	15	0.87
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	15	0.87
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	15	0.87
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	15	0.87
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	15	0.87
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	15	0.87
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	15	0.87
(32,2134)	1:43:A:MET:HE1	1:46:A:ASN:HB2	16	0.87
(32,2134)	1:43:A:MET:HE1	1:46:A:ASN:HB3	16	0.87
(32,2134)	1:43:A:MET:HE2	1:46:A:ASN:HB2	16	0.87
(32,2134)	1:43:A:MET:HE2	1:46:A:ASN:HB3	16	0.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2134)	1:43:A:MET:HE3	1:46:A:ASN:HB2	16	0.87
(32,2134)	1:43:A:MET:HE3	1:46:A:ASN:HB3	16	0.87
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD11	9	0.87
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD12	9	0.87
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD13	9	0.87
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD21	9	0.87
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD22	9	0.87
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD23	9	0.87
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD11	9	0.87
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD12	9	0.87
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD13	9	0.87
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD21	9	0.87
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD22	9	0.87
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD23	9	0.87
(32,1862)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	16	0.87
(32,1862)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	16	0.87
(32,1862)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	16	0.87
(32,1862)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	16	0.87
(32,1862)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	16	0.87
(32,1862)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	16	0.87
(32,1757)	1:71:A:LYS:HE2	1:72:A:PHE:HD1	11	0.87
(32,1757)	1:71:A:LYS:HE2	1:72:A:PHE:HD2	11	0.87
(32,1757)	1:71:A:LYS:HE3	1:72:A:PHE:HD1	11	0.87
(32,1757)	1:71:A:LYS:HE3	1:72:A:PHE:HD2	11	0.87
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD11	13	0.87
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD12	13	0.87
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD13	13	0.87
(32,224)	1:10:A:ASN:H	1:13:A:ALA:HB1	6	0.87
(32,224)	1:10:A:ASN:H	1:13:A:ALA:HB2	6	0.87
(32,224)	1:10:A:ASN:H	1:13:A:ALA:HB3	6	0.87
(32,65)	1:79:A:THR:HG21	1:81:A:GLU:H	16	0.87
(32,65)	1:79:A:THR:HG22	1:81:A:GLU:H	16	0.87
(32,65)	1:79:A:THR:HG23	1:81:A:GLU:H	16	0.87
(30,2287)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	9	0.87
(30,2287)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	9	0.87
(30,1908)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	14	0.87
(30,1908)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	14	0.87
(30,1908)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	14	0.87
(30,1908)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	14	0.87
(30,1898)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	16	0.87
(30,1898)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	16	0.87
(30,1898)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	16	0.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1898)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	16	0.87
(30,1898)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	16	0.87
(30,1898)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	16	0.87
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD21	11	0.87
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD22	11	0.87
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD23	11	0.87
(30,1654)	1:132:A:ALA:H	1:134:A:VAL:HG11	9	0.87
(30,1654)	1:132:A:ALA:H	1:134:A:VAL:HG12	9	0.87
(30,1654)	1:132:A:ALA:H	1:134:A:VAL:HG13	9	0.87
(30,1174)	1:27:A:ARG:HB3	1:30:A:LEU:HD21	3	0.87
(30,1174)	1:27:A:ARG:HB3	1:30:A:LEU:HD22	3	0.87
(30,1174)	1:27:A:ARG:HB3	1:30:A:LEU:HD23	3	0.87
(30,1078)	1:136:A:CYS:HB2	1:141:A:LYS:HA	8	0.87
(30,927)	1:79:A:THR:HG21	1:81:A:GLU:HG2	6	0.87
(30,927)	1:79:A:THR:HG21	1:81:A:GLU:HG3	6	0.87
(30,927)	1:79:A:THR:HG22	1:81:A:GLU:HG2	6	0.87
(30,927)	1:79:A:THR:HG22	1:81:A:GLU:HG3	6	0.87
(30,927)	1:79:A:THR:HG23	1:81:A:GLU:HG2	6	0.87
(30,927)	1:79:A:THR:HG23	1:81:A:GLU:HG3	6	0.87
(30,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	15	0.87
(30,235)	1:10:A:ASN:H	1:13:A:ALA:HB1	6	0.87
(30,235)	1:10:A:ASN:H	1:13:A:ALA:HB2	6	0.87
(30,235)	1:10:A:ASN:H	1:13:A:ALA:HB3	6	0.87
(30,232)	1:44:A:GLU:HG3	1:48:A:ARG:H	3	0.87
(30,232)	1:44:A:GLU:HG3	1:48:A:ARG:H	6	0.87
(29,2271)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	9	0.87
(29,2271)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	9	0.87
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	13	0.87
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	13	0.87
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	13	0.87
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	13	0.87
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	13	0.87
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	13	0.87
(29,2067)	1:29:A:LYS:HA	1:30:A:LEU:HD11	3	0.87
(29,2067)	1:29:A:LYS:HA	1:30:A:LEU:HD12	3	0.87
(29,2067)	1:29:A:LYS:HA	1:30:A:LEU:HD13	3	0.87
(29,2067)	1:29:A:LYS:HA	1:30:A:LEU:HD21	3	0.87
(29,2067)	1:29:A:LYS:HA	1:30:A:LEU:HD22	3	0.87
(29,2067)	1:29:A:LYS:HA	1:30:A:LEU:HD23	3	0.87
(29,1915)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	16	0.87
(29,1915)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	16	0.87
(29,1915)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	16	0.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1915)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	16	0.87
(29,1915)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	16	0.87
(29,1915)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	16	0.87
(29,1673)	1:132:A:ALA:H	1:134:A:VAL:HG11	9	0.87
(29,1673)	1:132:A:ALA:H	1:134:A:VAL:HG12	9	0.87
(29,1673)	1:132:A:ALA:H	1:134:A:VAL:HG13	9	0.87
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE1	9	0.87
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE2	9	0.87
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE3	9	0.87
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	6	0.87
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	6	0.87
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	6	0.87
(29,1349)	1:17:A:ASN:HA	1:76:A:ARG:HA	10	0.87
(29,1292)	1:12:A:VAL:HG21	1:13:A:ALA:HA	12	0.87
(29,1292)	1:12:A:VAL:HG22	1:13:A:ALA:HA	12	0.87
(29,1292)	1:12:A:VAL:HG23	1:13:A:ALA:HA	12	0.87
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD11	4	0.87
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD12	4	0.87
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD13	4	0.87
(29,970)	1:15:A:ALA:HB1	1:43:A:MET:HB2	1	0.87
(29,970)	1:15:A:ALA:HB2	1:43:A:MET:HB2	1	0.87
(29,970)	1:15:A:ALA:HB3	1:43:A:MET:HB2	1	0.87
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	8	0.87
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	8	0.87
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	8	0.87
(29,626)	1:35:A:LEU:H	1:80:A:TYR:HB2	15	0.87
(29,446)	1:68:A:LYS:H	1:70:A:LYS:HG3	15	0.87
(29,233)	1:44:A:GLU:HG3	1:48:A:ARG:H	13	0.87
(29,72)	1:79:A:THR:HG21	1:81:A:GLU:H	16	0.87
(29,72)	1:79:A:THR:HG22	1:81:A:GLU:H	16	0.87
(29,72)	1:79:A:THR:HG23	1:81:A:GLU:H	16	0.87
(22,38)	1:120:A:CYS:N	1:116:A:GLN:C	10	0.87
(22,29)	1:116:A:GLN:H	1:112:A:GLN:C	4	0.87
(22,26)	1:114:A:ILE:N	1:110:A:MET:C	10	0.87
(22,26)	1:114:A:ILE:N	1:110:A:MET:C	14	0.87
(22,25)	1:114:A:ILE:H	1:110:A:MET:C	2	0.87
(22,25)	1:114:A:ILE:H	1:110:A:MET:C	6	0.87
(22,25)	1:114:A:ILE:H	1:110:A:MET:C	11	0.87
(22,25)	1:114:A:ILE:H	1:110:A:MET:C	12	0.87
(22,25)	1:114:A:ILE:H	1:110:A:MET:C	13	0.87
(22,24)	1:113:A:PHE:N	1:109:A:PRO:C	5	0.87
(22,23)	1:113:A:PHE:H	1:109:A:PRO:C	7	0.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(22,23)	1:113:A:PHE:H	1:109:A:PRO:C	18	0.87
(22,21)	1:107:A:LEU:H	1:103:A:ARG:C	11	0.87
(22,13)	1:60:A:LEU:H	1:56:A:CYS:C	6	0.87
(18,2225)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	5	0.87
(18,2225)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	5	0.87
(18,2225)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	5	0.87
(18,2225)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	5	0.87
(18,2225)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	5	0.87
(18,2225)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	5	0.87
(18,2225)	1:60:A:LEU:HD11	1:122:A:ASP:HB3	5	0.87
(18,2225)	1:60:A:LEU:HD12	1:122:A:ASP:HB3	5	0.87
(18,2225)	1:60:A:LEU:HD13	1:122:A:ASP:HB3	5	0.87
(18,2225)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	5	0.87
(18,2225)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	5	0.87
(18,2225)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	5	0.87
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	14	0.87
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	14	0.87
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	14	0.87
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	14	0.87
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	14	0.87
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	14	0.87
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB2	16	0.87
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB3	16	0.87
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	17	0.87
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	17	0.87
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	17	0.87
(18,74)	1:79:A:THR:HG21	1:81:A:GLU:H	16	0.87
(18,74)	1:79:A:THR:HG22	1:81:A:GLU:H	16	0.87
(18,74)	1:79:A:THR:HG23	1:81:A:GLU:H	16	0.87
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD11	5	0.87
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD12	5	0.87
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD13	5	0.87
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD21	5	0.87
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD22	5	0.87
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD23	5	0.87
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD11	5	0.87
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD12	5	0.87
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD13	5	0.87
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD21	5	0.87
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD22	5	0.87
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD23	5	0.87
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD11	5	0.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD12	5	0.87
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD13	5	0.87
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD21	5	0.87
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD22	5	0.87
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD23	5	0.87
(17,2018)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	13	0.87
(17,2018)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	13	0.87
(17,2018)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	13	0.87
(17,2018)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	13	0.87
(17,2018)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	13	0.87
(17,2018)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	13	0.87
(17,1760)	1:140:A:LEU:HD11	1:144:A:LEU:H	17	0.87
(17,1760)	1:140:A:LEU:HD12	1:144:A:LEU:H	17	0.87
(17,1760)	1:140:A:LEU:HD13	1:144:A:LEU:H	17	0.87
(17,1754)	1:31:A:PRO:HB2	1:35:A:LEU:HA	19	0.87
(17,1754)	1:31:A:PRO:HB3	1:35:A:LEU:HA	19	0.87
(17,1674)	1:69:A:MET:HE1	1:116:A:GLN:HG3	16	0.87
(17,1674)	1:69:A:MET:HE2	1:116:A:GLN:HG3	16	0.87
(17,1674)	1:69:A:MET:HE3	1:116:A:GLN:HG3	16	0.87
(17,1274)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	7	0.87
(17,1274)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	7	0.87
(17,1274)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	7	0.87
(17,1274)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	7	0.87
(17,1274)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	7	0.87
(17,1274)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	7	0.87
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD21	3	0.87
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD22	3	0.87
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD23	3	0.87
(17,1026)	1:113:A:PHE:HA	1:116:A:GLN:HG3	15	0.87
(17,842)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	2	0.87
(17,842)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	2	0.87
(17,842)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	2	0.87
(17,842)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	2	0.87
(17,842)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	2	0.87
(17,842)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	2	0.87
(17,511)	1:70:A:LYS:HG3	1:71:A:LYS:H	12	0.87
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	19	0.87
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	19	0.87
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	19	0.87
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	19	0.87
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	19	0.87
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	19	0.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	19	0.87
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	19	0.87
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	19	0.87
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	19	0.87
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	19	0.87
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	19	0.87
(16,1897)	1:35:A:LEU:HG	1:80:A:TYR:HE1	7	0.87
(16,1897)	1:35:A:LEU:HG	1:80:A:TYR:HE2	7	0.87
(16,1882)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	4	0.87
(16,1882)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	4	0.87
(16,1882)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	4	0.87
(16,1882)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	4	0.87
(16,1882)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	4	0.87
(16,1882)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	4	0.87
(16,1882)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	10	0.87
(16,1882)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	10	0.87
(16,1882)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	10	0.87
(16,1882)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	10	0.87
(16,1882)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	10	0.87
(16,1882)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	10	0.87
(16,1882)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	13	0.87
(16,1882)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	13	0.87
(16,1882)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	13	0.87
(16,1882)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	13	0.87
(16,1882)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	13	0.87
(16,1882)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	13	0.87
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	19	0.87
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	19	0.87
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	19	0.87
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	19	0.87
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	19	0.87
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	19	0.87
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB2	16	0.87
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB3	16	0.87
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD11	13	0.87
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD12	13	0.87
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD13	13	0.87
(16,991)	1:46:A:ASN:HB2	1:134:A:VAL:HB	9	0.87
(16,966)	1:40:A:LEU:HA	1:43:A:MET:HG2	5	0.87
(16,966)	1:40:A:LEU:HA	1:43:A:MET:HG2	15	0.87
(16,626)	1:35:A:LEU:H	1:80:A:TYR:HB2	15	0.87
(15,2264)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	9	0.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2264)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	9	0.87
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	2	0.87
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	2	0.87
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	2	0.87
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	2	0.87
(15,1840)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	14	0.87
(15,1840)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	14	0.87
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	9	0.87
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	9	0.87
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	9	0.87
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	9	0.87
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	9	0.87
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	9	0.87
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	9	0.87
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	9	0.87
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	9	0.87
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	12	0.87
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	12	0.87
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	12	0.87
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	12	0.87
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	12	0.87
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	12	0.87
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	12	0.87
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	12	0.87
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	12	0.87
(15,588)	1:126:A:GLY:H	1:128:A:LEU:HG	19	0.87
(15,239)	1:10:A:ASN:H	1:13:A:ALA:HB1	6	0.87
(15,239)	1:10:A:ASN:H	1:13:A:ALA:HB2	6	0.87
(15,239)	1:10:A:ASN:H	1:13:A:ALA:HB3	6	0.87
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG11	10	0.87
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG12	10	0.87
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG13	10	0.87
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG21	10	0.87
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG22	10	0.87
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG23	10	0.87
(13,2126)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	12	0.87
(13,2126)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	12	0.87
(13,2126)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	12	0.87
(13,2126)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	12	0.87
(13,2126)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	12	0.87
(13,2126)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	12	0.87
(13,2126)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	12	0.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2126)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	12	0.87
(13,2126)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	12	0.87
(13,2126)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	12	0.87
(13,2126)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	12	0.87
(13,2126)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	12	0.87
(13,2126)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	12	0.87
(13,2126)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	12	0.87
(13,2126)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	12	0.87
(13,2126)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	12	0.87
(13,2126)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	12	0.87
(13,2126)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	12	0.87
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	15	0.87
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	15	0.87
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	15	0.87
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	15	0.87
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	15	0.87
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	15	0.87
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	15	0.87
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	15	0.87
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	15	0.87
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	15	0.87
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	15	0.87
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	15	0.87
(13,1854)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	16	0.87
(13,1854)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	16	0.87
(13,1854)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	16	0.87
(13,1854)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	16	0.87
(13,1854)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	16	0.87
(13,1854)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	16	0.87
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG11	15	0.87
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG12	15	0.87
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG13	15	0.87
(13,1253)	1:12:A:VAL:HG21	1:13:A:ALA:HA	12	0.87
(13,1253)	1:12:A:VAL:HG22	1:13:A:ALA:HA	12	0.87
(13,1253)	1:12:A:VAL:HG23	1:13:A:ALA:HA	12	0.87
(13,948)	1:11:A:ILE:HD11	1:43:A:MET:HB2	15	0.87
(13,948)	1:11:A:ILE:HD12	1:43:A:MET:HB2	15	0.87
(13,948)	1:11:A:ILE:HD13	1:43:A:MET:HB2	15	0.87
(13,912)	1:79:A:THR:HG21	1:81:A:GLU:HG2	6	0.87
(13,912)	1:79:A:THR:HG21	1:81:A:GLU:HG3	6	0.87
(13,912)	1:79:A:THR:HG22	1:81:A:GLU:HG2	6	0.87
(13,912)	1:79:A:THR:HG22	1:81:A:GLU:HG3	6	0.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,912)	1:79:A:THR:HG23	1:81:A:GLU:HG2	6	0.87
(13,912)	1:79:A:THR:HG23	1:81:A:GLU:HG3	6	0.87
(13,877)	1:13:A:ALA:H	1:80:A:TYR:HB2	18	0.87
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD11	1	0.87
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD12	1	0.87
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD13	1	0.87
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD11	1	0.87
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD12	1	0.87
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD13	1	0.87
(13,67)	1:79:A:THR:HG21	1:81:A:GLU:H	16	0.87
(13,67)	1:79:A:THR:HG22	1:81:A:GLU:H	16	0.87
(13,67)	1:79:A:THR:HG23	1:81:A:GLU:H	16	0.87
(11,2418)	1:134:A:VAL:HG11	1:137:A:SER:H	4	0.87
(11,2418)	1:134:A:VAL:HG12	1:137:A:SER:H	4	0.87
(11,2418)	1:134:A:VAL:HG13	1:137:A:SER:H	4	0.87
(11,2418)	1:134:A:VAL:HG21	1:137:A:SER:H	4	0.87
(11,2418)	1:134:A:VAL:HG22	1:137:A:SER:H	4	0.87
(11,2418)	1:134:A:VAL:HG23	1:137:A:SER:H	4	0.87
(11,1779)	1:140:A:LEU:HD11	1:144:A:LEU:H	17	0.87
(11,1779)	1:140:A:LEU:HD12	1:144:A:LEU:H	17	0.87
(11,1779)	1:140:A:LEU:HD13	1:144:A:LEU:H	17	0.87
(11,1687)	1:134:A:VAL:HG21	1:137:A:SER:H	13	0.87
(11,1687)	1:134:A:VAL:HG22	1:137:A:SER:H	13	0.87
(11,1687)	1:134:A:VAL:HG23	1:137:A:SER:H	13	0.87
(11,1601)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	1	0.87
(11,1601)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	1	0.87
(11,1601)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	1	0.87
(11,1601)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	1	0.87
(11,1601)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	1	0.87
(11,1601)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	1	0.87
(11,1601)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	1	0.87
(11,1601)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	1	0.87
(11,1601)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	1	0.87
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	6	0.87
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	6	0.87
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	6	0.87
(11,1482)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	14	0.87
(11,1482)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	14	0.87
(11,1482)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	14	0.87
(11,1482)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	14	0.87
(11,1482)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	14	0.87
(11,1482)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	14	0.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1482)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	14	0.87
(11,1482)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	14	0.87
(11,1482)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	14	0.87
(11,1242)	1:144:A:LEU:HD11	1:145:A:PRO:HD2	5	0.87
(11,1242)	1:144:A:LEU:HD12	1:145:A:PRO:HD2	5	0.87
(11,1242)	1:144:A:LEU:HD13	1:145:A:PRO:HD2	5	0.87
(11,1212)	1:140:A:LEU:HA	1:144:A:LEU:HD21	16	0.87
(11,1212)	1:140:A:LEU:HA	1:144:A:LEU:HD22	16	0.87
(11,1212)	1:140:A:LEU:HA	1:144:A:LEU:HD23	16	0.87
(11,1147)	1:98:A:ILE:HG13	1:101:A:ILE:HB	6	0.87
(11,934)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	16	0.87
(11,934)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	16	0.87
(11,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	2	0.87
(11,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	2	0.87
(11,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	2	0.87
(11,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	2	0.87
(11,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	2	0.87
(11,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	2	0.87
(11,622)	1:35:A:LEU:H	1:80:A:TYR:HB2	15	0.87
(11,583)	1:128:A:LEU:HD11	1:130:A:GLY:H	11	0.87
(11,583)	1:128:A:LEU:HD12	1:130:A:GLY:H	11	0.87
(11,583)	1:128:A:LEU:HD13	1:130:A:GLY:H	11	0.87
(11,227)	1:44:A:GLU:HG3	1:48:A:ARG:H	13	0.87
(9,1961)	1:12:A:VAL:HG11	1:43:A:MET:HB2	13	0.87
(9,1961)	1:12:A:VAL:HG12	1:43:A:MET:HB2	13	0.87
(9,1961)	1:12:A:VAL:HG13	1:43:A:MET:HB2	13	0.87
(9,1961)	1:12:A:VAL:HG21	1:43:A:MET:HB2	13	0.87
(9,1961)	1:12:A:VAL:HG22	1:43:A:MET:HB2	13	0.87
(9,1961)	1:12:A:VAL:HG23	1:43:A:MET:HB2	13	0.87
(9,1961)	1:12:A:VAL:HG11	1:43:A:MET:HB3	13	0.87
(9,1961)	1:12:A:VAL:HG12	1:43:A:MET:HB3	13	0.87
(9,1961)	1:12:A:VAL:HG13	1:43:A:MET:HB3	13	0.87
(9,1961)	1:12:A:VAL:HG21	1:43:A:MET:HB3	13	0.87
(9,1961)	1:12:A:VAL:HG22	1:43:A:MET:HB3	13	0.87
(9,1961)	1:12:A:VAL:HG23	1:43:A:MET:HB3	13	0.87
(9,1895)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	16	0.87
(9,1895)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	16	0.87
(9,1895)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	16	0.87
(9,1895)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	16	0.87
(9,1895)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	16	0.87
(9,1895)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	16	0.87
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	19	0.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	19	0.87
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	19	0.87
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	19	0.87
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	19	0.87
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	19	0.87
(9,1649)	1:69:A:MET:HE1	1:116:A:GLN:HG3	16	0.87
(9,1649)	1:69:A:MET:HE2	1:116:A:GLN:HG3	16	0.87
(9,1649)	1:69:A:MET:HE3	1:116:A:GLN:HG3	16	0.87
(9,1441)	1:145:A:PRO:HD2	1:147:A:ARG:H	8	0.87
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD11	4	0.87
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD12	4	0.87
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD13	4	0.87
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	18	0.87
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	18	0.87
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	18	0.87
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	18	0.87
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	18	0.87
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	18	0.87
(9,383)	1:41:A:LYS:H	1:44:A:GLU:HG2	4	0.87
(9,237)	1:10:A:ASN:H	1:13:A:ALA:HB1	6	0.87
(9,237)	1:10:A:ASN:H	1:13:A:ALA:HB2	6	0.87
(9,237)	1:10:A:ASN:H	1:13:A:ALA:HB3	6	0.87
(9,233)	1:44:A:GLU:HG3	1:48:A:ARG:H	13	0.87
(9,70)	1:79:A:THR:HG21	1:81:A:GLU:H	16	0.87
(9,70)	1:79:A:THR:HG22	1:81:A:GLU:H	16	0.87
(9,70)	1:79:A:THR:HG23	1:81:A:GLU:H	16	0.87
(7,2316)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	1	0.87
(7,2316)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	1	0.87
(7,2316)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	1	0.87
(7,2316)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	1	0.87
(7,2316)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	1	0.87
(7,2316)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	1	0.87
(7,2316)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	1	0.87
(7,2316)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	1	0.87
(7,2316)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	1	0.87
(7,2316)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	1	0.87
(7,2316)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	1	0.87
(7,2316)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	1	0.87
(7,2316)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	17	0.87
(7,2316)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	17	0.87
(7,2316)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	17	0.87
(7,2316)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	17	0.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2316)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	17	0.87
(7,2316)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	17	0.87
(7,2316)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	17	0.87
(7,2316)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	17	0.87
(7,2316)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	17	0.87
(7,2316)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	17	0.87
(7,2316)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	17	0.87
(7,2316)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	17	0.87
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD11	19	0.87
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD12	19	0.87
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD13	19	0.87
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD21	19	0.87
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD22	19	0.87
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD23	19	0.87
(7,2120)	1:43:A:MET:HE1	1:46:A:ASN:HB2	16	0.87
(7,2120)	1:43:A:MET:HE1	1:46:A:ASN:HB3	16	0.87
(7,2120)	1:43:A:MET:HE2	1:46:A:ASN:HB2	16	0.87
(7,2120)	1:43:A:MET:HE2	1:46:A:ASN:HB3	16	0.87
(7,2120)	1:43:A:MET:HE3	1:46:A:ASN:HB2	16	0.87
(7,2120)	1:43:A:MET:HE3	1:46:A:ASN:HB3	16	0.87
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD11	3	0.87
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD12	3	0.87
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD13	3	0.87
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD21	3	0.87
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD22	3	0.87
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD23	3	0.87
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD2	14	0.87
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD3	14	0.87
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD2	14	0.87
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD3	14	0.87
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD2	14	0.87
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD3	14	0.87
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	17	0.87
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	17	0.87
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	17	0.87
(7,1487)	1:43:A:MET:HE1	1:44:A:GLU:HA	13	0.87
(7,1487)	1:43:A:MET:HE2	1:44:A:GLU:HA	13	0.87
(7,1487)	1:43:A:MET:HE3	1:44:A:GLU:HA	13	0.87
(7,1105)	1:40:A:LEU:HA	1:44:A:GLU:HB2	6	0.87
(7,1105)	1:40:A:LEU:HA	1:44:A:GLU:HB3	6	0.87
(7,954)	1:11:A:ILE:HG12	1:14:A:VAL:HB	15	0.87
(7,484)	1:145:A:PRO:HB3	1:148:A:CYS:H	6	0.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,484)	1:145:A:PRO:HB3	1:148:A:CYS:H	14	0.87
(7,66)	1:79:A:THR:HG21	1:81:A:GLU:H	16	0.87
(7,66)	1:79:A:THR:HG22	1:81:A:GLU:H	16	0.87
(7,66)	1:79:A:THR:HG23	1:81:A:GLU:H	16	0.87
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	12	0.87
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	12	0.87
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	12	0.87
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	0.87
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	0.87
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	0.87
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	12	0.87
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	12	0.87
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	12	0.87
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	0.87
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	0.87
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	0.87
(6,1907)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	16	0.87
(6,1907)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	16	0.87
(6,1907)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	16	0.87
(6,1907)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	16	0.87
(6,1907)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	16	0.87
(6,1907)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	16	0.87
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	19	0.87
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	19	0.87
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	19	0.87
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	19	0.87
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	19	0.87
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	19	0.87
(6,1111)	1:40:A:LEU:HA	1:44:A:GLU:HB2	6	0.87
(6,1111)	1:40:A:LEU:HA	1:44:A:GLU:HB3	6	0.87
(6,869)	1:14:A:VAL:HA	1:18:A:PHE:HB2	13	0.87
(6,828)	1:48:A:ARG:HD2	1:49:A:LYS:HA	6	0.87
(6,828)	1:48:A:ARG:HD3	1:49:A:LYS:HA	6	0.87
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	8	0.87
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	8	0.87
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	8	0.87
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	8	0.87
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	8	0.87
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	8	0.87
(6,69)	1:79:A:THR:HG21	1:81:A:GLU:H	16	0.87
(6,69)	1:79:A:THR:HG22	1:81:A:GLU:H	16	0.87
(6,69)	1:79:A:THR:HG23	1:81:A:GLU:H	16	0.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,60)	1:34:A:LYS:H	1:81:A:GLU:H	10	0.87
(5,2278)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	9	0.87
(5,2278)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	9	0.87
(5,2206)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	12	0.87
(5,2206)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	12	0.87
(5,2206)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	12	0.87
(5,2206)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	12	0.87
(5,2206)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	12	0.87
(5,2206)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	12	0.87
(5,2206)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	12	0.87
(5,2206)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	12	0.87
(5,2206)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	12	0.87
(5,2206)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	12	0.87
(5,2206)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	12	0.87
(5,2206)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	12	0.87
(5,2206)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	12	0.87
(5,2206)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	12	0.87
(5,2206)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	12	0.87
(5,2206)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	12	0.87
(5,2206)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	12	0.87
(5,2206)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	12	0.87
(5,2206)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	12	0.87
(5,2206)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	12	0.87
(5,2206)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	12	0.87
(5,2206)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	12	0.87
(5,2206)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	12	0.87
(5,2206)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	12	0.87
(5,2206)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	12	0.87
(5,2206)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	12	0.87
(5,2206)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	12	0.87
(5,2206)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	12	0.87
(5,2206)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	12	0.87
(5,2206)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	12	0.87
(5,2206)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	12	0.87
(5,2206)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	12	0.87
(5,2206)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	12	0.87
(5,2206)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	12	0.87
(5,2206)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	12	0.87
(5,2206)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	12	0.87
(5,2038)	1:29:A:LYS:HA	1:30:A:LEU:HD11	3	0.87
(5,2038)	1:29:A:LYS:HA	1:30:A:LEU:HD12	3	0.87
(5,2038)	1:29:A:LYS:HA	1:30:A:LEU:HD13	3	0.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2038)	1:29:A:LYS:HA	1:30:A:LEU:HD21	3	0.87
(5,2038)	1:29:A:LYS:HA	1:30:A:LEU:HD22	3	0.87
(5,2038)	1:29:A:LYS:HA	1:30:A:LEU:HD23	3	0.87
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG11	8	0.87
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG12	8	0.87
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG13	8	0.87
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG21	8	0.87
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG22	8	0.87
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG23	8	0.87
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG11	8	0.87
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG12	8	0.87
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG13	8	0.87
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG21	8	0.87
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG22	8	0.87
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG23	8	0.87
(5,1919)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	16	0.87
(5,1919)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	16	0.87
(5,1919)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	16	0.87
(5,1919)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	16	0.87
(5,1919)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	16	0.87
(5,1919)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	16	0.87
(5,1825)	1:9:A:PHE:HD1	1:14:A:VAL:HB	4	0.87
(5,1825)	1:9:A:PHE:HD2	1:14:A:VAL:HB	4	0.87
(5,1769)	1:140:A:LEU:HD11	1:144:A:LEU:H	17	0.87
(5,1769)	1:140:A:LEU:HD12	1:144:A:LEU:H	17	0.87
(5,1769)	1:140:A:LEU:HD13	1:144:A:LEU:H	17	0.87
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB2	16	0.87
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB3	16	0.87
(5,1669)	1:132:A:ALA:H	1:134:A:VAL:HG11	9	0.87
(5,1669)	1:132:A:ALA:H	1:134:A:VAL:HG12	9	0.87
(5,1669)	1:132:A:ALA:H	1:134:A:VAL:HG13	9	0.87
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD11	16	0.87
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD12	16	0.87
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD13	16	0.87
(5,1465)	1:145:A:PRO:HD2	1:147:A:ARG:H	8	0.87
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD11	4	0.87
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD12	4	0.87
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD13	4	0.87
(5,1075)	1:54:A:ARG:HA	1:58:A:ILE:HB	11	0.87
(5,933)	1:79:A:THR:HG21	1:81:A:GLU:HG2	6	0.87
(5,933)	1:79:A:THR:HG21	1:81:A:GLU:HG3	6	0.87
(5,933)	1:79:A:THR:HG22	1:81:A:GLU:HG2	6	0.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,933)	1:79:A:THR:HG22	1:81:A:GLU:HG3	6	0.87
(5,933)	1:79:A:THR:HG23	1:81:A:GLU:HG2	6	0.87
(5,933)	1:79:A:THR:HG23	1:81:A:GLU:HG3	6	0.87
(5,928)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	16	0.87
(5,928)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	16	0.87
(5,916)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	7	0.87
(5,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	2	0.87
(5,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	2	0.87
(5,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	2	0.87
(5,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	2	0.87
(5,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	2	0.87
(5,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	2	0.87
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	18	0.87
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	18	0.87
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	18	0.87
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	18	0.87
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	18	0.87
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	18	0.87
(5,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	15	0.87
(5,229)	1:10:A:ASN:H	1:14:A:VAL:HG21	9	0.87
(5,229)	1:10:A:ASN:H	1:14:A:VAL:HG22	9	0.87
(5,229)	1:10:A:ASN:H	1:14:A:VAL:HG23	9	0.87
(5,228)	1:112:A:GLN:HG2	1:114:A:ILE:H	15	0.87
(5,228)	1:112:A:GLN:HG3	1:114:A:ILE:H	15	0.87
(5,65)	1:79:A:THR:HG21	1:81:A:GLU:H	16	0.87
(5,65)	1:79:A:THR:HG22	1:81:A:GLU:H	16	0.87
(5,65)	1:79:A:THR:HG23	1:81:A:GLU:H	16	0.87
(4,2199)	1:60:A:LEU:HD11	1:120:A:CYS:HA	6	0.87
(4,2199)	1:60:A:LEU:HD12	1:120:A:CYS:HA	6	0.87
(4,2199)	1:60:A:LEU:HD13	1:120:A:CYS:HA	6	0.87
(4,2199)	1:60:A:LEU:HD21	1:120:A:CYS:HA	6	0.87
(4,2199)	1:60:A:LEU:HD22	1:120:A:CYS:HA	6	0.87
(4,2199)	1:60:A:LEU:HD23	1:120:A:CYS:HA	6	0.87
(4,2145)	1:43:A:MET:HE1	1:46:A:ASN:HB2	16	0.87
(4,2145)	1:43:A:MET:HE1	1:46:A:ASN:HB3	16	0.87
(4,2145)	1:43:A:MET:HE2	1:46:A:ASN:HB2	16	0.87
(4,2145)	1:43:A:MET:HE2	1:46:A:ASN:HB3	16	0.87
(4,2145)	1:43:A:MET:HE3	1:46:A:ASN:HB2	16	0.87
(4,2145)	1:43:A:MET:HE3	1:46:A:ASN:HB3	16	0.87
(4,1886)	1:35:A:LEU:HG	1:80:A:TYR:HE1	7	0.87
(4,1886)	1:35:A:LEU:HG	1:80:A:TYR:HE2	7	0.87
(4,1872)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	16	0.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1872)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	16	0.87
(4,1872)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	16	0.87
(4,1872)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	16	0.87
(4,1872)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	16	0.87
(4,1872)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	16	0.87
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE1	15	0.87
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE2	15	0.87
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE3	15	0.87
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE1	15	0.87
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE2	15	0.87
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE3	15	0.87
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE1	15	0.87
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE2	15	0.87
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE3	15	0.87
(4,1436)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	18	0.87
(4,1436)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	18	0.87
(4,1436)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	18	0.87
(4,1258)	1:12:A:VAL:HG21	1:13:A:ALA:HA	12	0.87
(4,1258)	1:12:A:VAL:HG22	1:13:A:ALA:HA	12	0.87
(4,1258)	1:12:A:VAL:HG23	1:13:A:ALA:HA	12	0.87
(4,1110)	1:40:A:LEU:HA	1:44:A:GLU:HB2	6	0.87
(4,1110)	1:40:A:LEU:HA	1:44:A:GLU:HB3	6	0.87
(4,926)	1:79:A:THR:HG21	1:81:A:GLU:HG2	6	0.87
(4,926)	1:79:A:THR:HG21	1:81:A:GLU:HG3	6	0.87
(4,926)	1:79:A:THR:HG22	1:81:A:GLU:HG2	6	0.87
(4,926)	1:79:A:THR:HG22	1:81:A:GLU:HG3	6	0.87
(4,926)	1:79:A:THR:HG23	1:81:A:GLU:HG2	6	0.87
(4,926)	1:79:A:THR:HG23	1:81:A:GLU:HG3	6	0.87
(4,862)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	19	0.87
(4,862)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	19	0.87
(4,610)	1:23:A:LEU:HD21	1:25:A:ALA:H	3	0.87
(4,610)	1:23:A:LEU:HD22	1:25:A:ALA:H	3	0.87
(4,610)	1:23:A:LEU:HD23	1:25:A:ALA:H	3	0.87
(4,70)	1:79:A:THR:HG21	1:81:A:GLU:H	16	0.87
(4,70)	1:79:A:THR:HG22	1:81:A:GLU:H	16	0.87
(4,70)	1:79:A:THR:HG23	1:81:A:GLU:H	16	0.87
(4,43)	1:98:A:ILE:H	1:104:A:PHE:HB2	10	0.87
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE1	1	0.87
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE2	1	0.87
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE3	1	0.87
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE1	1	0.87
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE2	1	0.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE3	1	0.87
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD2	7	0.87
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD3	7	0.87
(3,2107)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	9	0.87
(3,2107)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	9	0.87
(3,2107)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	9	0.87
(3,2107)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	9	0.87
(3,2107)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	9	0.87
(3,2107)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	9	0.87
(3,2075)	1:29:A:LYS:HA	1:30:A:LEU:HD11	3	0.87
(3,2075)	1:29:A:LYS:HA	1:30:A:LEU:HD12	3	0.87
(3,2075)	1:29:A:LYS:HA	1:30:A:LEU:HD13	3	0.87
(3,2075)	1:29:A:LYS:HA	1:30:A:LEU:HD21	3	0.87
(3,2075)	1:29:A:LYS:HA	1:30:A:LEU:HD22	3	0.87
(3,2075)	1:29:A:LYS:HA	1:30:A:LEU:HD23	3	0.87
(3,1972)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	17	0.87
(3,1972)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	17	0.87
(3,1972)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	17	0.87
(3,1972)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	17	0.87
(3,1924)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	16	0.87
(3,1924)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	16	0.87
(3,1924)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	16	0.87
(3,1924)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	16	0.87
(3,1924)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	16	0.87
(3,1924)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	16	0.87
(3,1776)	1:140:A:LEU:HD11	1:144:A:LEU:H	17	0.87
(3,1776)	1:140:A:LEU:HD12	1:144:A:LEU:H	17	0.87
(3,1776)	1:140:A:LEU:HD13	1:144:A:LEU:H	17	0.87
(3,1696)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	9	0.87
(3,1696)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	9	0.87
(3,1657)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	19	0.87
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD11	7	0.87
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD12	7	0.87
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD13	7	0.87
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	6	0.87
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	6	0.87
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	6	0.87
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD11	3	0.87
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD12	3	0.87
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD13	3	0.87
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD11	3	0.87
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD12	3	0.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD13	3	0.87
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD11	3	0.87
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD12	3	0.87
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD13	3	0.87
(3,1248)	1:144:A:LEU:HD21	1:145:A:PRO:HD2	10	0.87
(3,1248)	1:144:A:LEU:HD22	1:145:A:PRO:HD2	10	0.87
(3,1248)	1:144:A:LEU:HD23	1:145:A:PRO:HD2	10	0.87
(3,948)	1:79:A:THR:HG21	1:81:A:GLU:HG2	6	0.87
(3,948)	1:79:A:THR:HG21	1:81:A:GLU:HG3	6	0.87
(3,948)	1:79:A:THR:HG22	1:81:A:GLU:HG2	6	0.87
(3,948)	1:79:A:THR:HG22	1:81:A:GLU:HG3	6	0.87
(3,948)	1:79:A:THR:HG23	1:81:A:GLU:HG2	6	0.87
(3,948)	1:79:A:THR:HG23	1:81:A:GLU:HG3	6	0.87
(3,233)	1:10:A:ASN:H	1:13:A:ALA:HB1	6	0.87
(3,233)	1:10:A:ASN:H	1:13:A:ALA:HB2	6	0.87
(3,233)	1:10:A:ASN:H	1:13:A:ALA:HB3	6	0.87
(3,230)	1:44:A:GLU:HG3	1:48:A:ARG:H	13	0.87
(3,104)	1:69:A:MET:H	1:69:A:MET:HE1	1	0.87
(3,104)	1:69:A:MET:H	1:69:A:MET:HE2	1	0.87
(3,104)	1:69:A:MET:H	1:69:A:MET:HE3	1	0.87
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD11	3	0.87
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD12	3	0.87
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD13	3	0.87
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD21	3	0.87
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD22	3	0.87
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD23	3	0.87
(2,2297)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	9	0.87
(2,2297)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	9	0.87
(2,1921)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	16	0.87
(2,1921)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	16	0.87
(2,1921)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	16	0.87
(2,1921)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	16	0.87
(2,1921)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	16	0.87
(2,1921)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	16	0.87
(2,1761)	1:140:A:LEU:HD11	1:144:A:LEU:H	17	0.87
(2,1761)	1:140:A:LEU:HD12	1:144:A:LEU:H	17	0.87
(2,1761)	1:140:A:LEU:HD13	1:144:A:LEU:H	17	0.87
(2,1756)	1:31:A:PRO:HB2	1:35:A:LEU:HA	19	0.87
(2,1756)	1:31:A:PRO:HB3	1:35:A:LEU:HA	19	0.87
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE1	9	0.87
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE2	9	0.87
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE3	9	0.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB2	16	0.87
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB3	16	0.87
(2,1241)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	13	0.87
(2,1241)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	13	0.87
(2,1241)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	13	0.87
(2,1241)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	13	0.87
(2,1241)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	13	0.87
(2,1241)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	13	0.87
(2,617)	1:23:A:LEU:HD21	1:25:A:ALA:H	3	0.87
(2,617)	1:23:A:LEU:HD22	1:25:A:ALA:H	3	0.87
(2,617)	1:23:A:LEU:HD23	1:25:A:ALA:H	3	0.87
(2,92)	1:95:A:ILE:HG21	1:97:A:ASP:H	2	0.87
(2,92)	1:95:A:ILE:HG22	1:97:A:ASP:H	2	0.87
(2,92)	1:95:A:ILE:HG23	1:97:A:ASP:H	2	0.87
(2,68)	1:79:A:THR:HG21	1:81:A:GLU:H	16	0.87
(2,68)	1:79:A:THR:HG22	1:81:A:GLU:H	16	0.87
(2,68)	1:79:A:THR:HG23	1:81:A:GLU:H	16	0.87
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	13	0.87
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	13	0.87
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	13	0.87
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	13	0.87
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	13	0.87
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	13	0.87
(1,2135)	1:43:A:MET:HA	1:134:A:VAL:HG11	7	0.87
(1,2135)	1:43:A:MET:HA	1:134:A:VAL:HG12	7	0.87
(1,2135)	1:43:A:MET:HA	1:134:A:VAL:HG13	7	0.87
(1,2135)	1:43:A:MET:HA	1:134:A:VAL:HG21	7	0.87
(1,2135)	1:43:A:MET:HA	1:134:A:VAL:HG22	7	0.87
(1,2135)	1:43:A:MET:HA	1:134:A:VAL:HG23	7	0.87
(1,2000)	1:17:A:ASN:HD21	1:113:A:PHE:HE1	17	0.87
(1,2000)	1:17:A:ASN:HD21	1:113:A:PHE:HE2	17	0.87
(1,2000)	1:17:A:ASN:HD22	1:113:A:PHE:HE1	17	0.87
(1,2000)	1:17:A:ASN:HD22	1:113:A:PHE:HE2	17	0.87
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	16	0.87
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	16	0.87
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	16	0.87
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	16	0.87
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	16	0.87
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	16	0.87
(1,1881)	1:9:A:PHE:HE1	1:14:A:VAL:HB	16	0.87
(1,1881)	1:9:A:PHE:HE2	1:14:A:VAL:HB	16	0.87
(1,1669)	1:69:A:MET:HE1	1:116:A:GLN:HG3	16	0.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1669)	1:69:A:MET:HE2	1:116:A:GLN:HG3	16	0.87
(1,1669)	1:69:A:MET:HE3	1:116:A:GLN:HG3	16	0.87
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	3	0.87
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	3	0.87
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	3	0.87
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	4	0.87
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	4	0.87
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	4	0.87
(1,1211)	1:41:A:LYS:HG3	1:44:A:GLU:HG3	14	0.87
(1,972)	1:40:A:LEU:HA	1:43:A:MET:HG2	11	0.87
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	9	0.87
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	9	0.87
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	9	0.87
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	9	0.87
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	9	0.87
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	9	0.87
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	9	0.87
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	9	0.87
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	9	0.87
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	12	0.87
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	12	0.87
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	12	0.87
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	12	0.87
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	12	0.87
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	12	0.87
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	12	0.87
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	12	0.87
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	12	0.87
(1,832)	1:98:A:ILE:HD11	1:101:A:ILE:HB	15	0.87
(1,832)	1:98:A:ILE:HD12	1:101:A:ILE:HB	15	0.87
(1,832)	1:98:A:ILE:HD13	1:101:A:ILE:HB	15	0.87
(1,72)	1:79:A:THR:HG21	1:81:A:GLU:H	16	0.87
(1,72)	1:79:A:THR:HG22	1:81:A:GLU:H	16	0.87
(1,72)	1:79:A:THR:HG23	1:81:A:GLU:H	16	0.87
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	12	0.86
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	12	0.86
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	12	0.86
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	12	0.86
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	12	0.86
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	12	0.86
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	12	0.86
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	12	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	12	0.86
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	12	0.86
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	12	0.86
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	12	0.86
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	12	0.86
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	12	0.86
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	12	0.86
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	12	0.86
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	12	0.86
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	12	0.86
(34,2207)	1:60:A:LEU:HG	1:61:A:SER:HB2	10	0.86
(34,2207)	1:60:A:LEU:HG	1:61:A:SER:HB3	10	0.86
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG11	16	0.86
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG12	16	0.86
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG13	16	0.86
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG21	16	0.86
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG22	16	0.86
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG23	16	0.86
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD11	3	0.86
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD12	3	0.86
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD13	3	0.86
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD21	3	0.86
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD22	3	0.86
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD23	3	0.86
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD11	3	0.86
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD12	3	0.86
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD13	3	0.86
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD21	3	0.86
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD22	3	0.86
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD23	3	0.86
(34,1994)	1:14:A:VAL:HG11	1:18:A:PHE:HA	8	0.86
(34,1994)	1:14:A:VAL:HG12	1:18:A:PHE:HA	8	0.86
(34,1994)	1:14:A:VAL:HG13	1:18:A:PHE:HA	8	0.86
(34,1994)	1:14:A:VAL:HG21	1:18:A:PHE:HA	8	0.86
(34,1994)	1:14:A:VAL:HG22	1:18:A:PHE:HA	8	0.86
(34,1994)	1:14:A:VAL:HG23	1:18:A:PHE:HA	8	0.86
(34,1868)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	18	0.86
(34,1868)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	18	0.86
(34,1775)	1:97:A:ASP:HA	1:105:A:LYS:HG3	16	0.86
(34,1734)	1:21:A:THR:HG21	1:24:A:ASP:HB2	11	0.86
(34,1734)	1:21:A:THR:HG21	1:24:A:ASP:HB3	11	0.86
(34,1734)	1:21:A:THR:HG22	1:24:A:ASP:HB2	11	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1734)	1:21:A:THR:HG22	1:24:A:ASP:HB3	11	0.86
(34,1734)	1:21:A:THR:HG23	1:24:A:ASP:HB2	11	0.86
(34,1734)	1:21:A:THR:HG23	1:24:A:ASP:HB3	11	0.86
(34,1473)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	16	0.86
(34,1473)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	16	0.86
(34,1473)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	16	0.86
(34,1097)	1:54:A:ARG:HA	1:58:A:ILE:HG13	16	0.86
(34,1046)	1:34:A:LYS:H	1:81:A:GLU:HB3	8	0.86
(34,842)	1:48:A:ARG:HD2	1:49:A:LYS:HA	11	0.86
(34,842)	1:48:A:ARG:HD3	1:49:A:LYS:HA	11	0.86
(34,826)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	10	0.86
(34,826)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	10	0.86
(34,826)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	10	0.86
(33,2326)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	17	0.86
(33,2326)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	17	0.86
(33,2118)	1:39:A:VAL:HG11	1:140:A:LEU:HG	7	0.86
(33,2118)	1:39:A:VAL:HG12	1:140:A:LEU:HG	7	0.86
(33,2118)	1:39:A:VAL:HG13	1:140:A:LEU:HG	7	0.86
(33,2118)	1:39:A:VAL:HG21	1:140:A:LEU:HG	7	0.86
(33,2118)	1:39:A:VAL:HG22	1:140:A:LEU:HG	7	0.86
(33,2118)	1:39:A:VAL:HG23	1:140:A:LEU:HG	7	0.86
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	7	0.86
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	7	0.86
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	7	0.86
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	7	0.86
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	7	0.86
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	7	0.86
(33,1947)	1:11:A:ILE:HB	1:40:A:LEU:HD11	13	0.86
(33,1947)	1:11:A:ILE:HB	1:40:A:LEU:HD12	13	0.86
(33,1947)	1:11:A:ILE:HB	1:40:A:LEU:HD13	13	0.86
(33,1947)	1:11:A:ILE:HB	1:40:A:LEU:HD21	13	0.86
(33,1947)	1:11:A:ILE:HB	1:40:A:LEU:HD22	13	0.86
(33,1947)	1:11:A:ILE:HB	1:40:A:LEU:HD23	13	0.86
(33,1856)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	18	0.86
(33,1856)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	18	0.86
(33,1715)	1:21:A:THR:HG21	1:24:A:ASP:HB2	11	0.86
(33,1715)	1:21:A:THR:HG21	1:24:A:ASP:HB3	11	0.86
(33,1715)	1:21:A:THR:HG22	1:24:A:ASP:HB2	11	0.86
(33,1715)	1:21:A:THR:HG22	1:24:A:ASP:HB3	11	0.86
(33,1715)	1:21:A:THR:HG23	1:24:A:ASP:HB2	11	0.86
(33,1715)	1:21:A:THR:HG23	1:24:A:ASP:HB3	11	0.86
(33,1253)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	13	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1253)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	13	0.86
(33,1253)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	13	0.86
(33,1253)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	13	0.86
(33,1253)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	13	0.86
(33,1253)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	13	0.86
(33,867)	1:39:A:VAL:H	1:139:A:LEU:HB2	8	0.86
(33,867)	1:39:A:VAL:H	1:139:A:LEU:HB3	8	0.86
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	5	0.86
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	5	0.86
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	5	0.86
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	5	0.86
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	5	0.86
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	5	0.86
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	5	0.86
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	5	0.86
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	5	0.86
(32,2485)	1:144:A:LEU:HB3	1:146:A:GLN:HG2	6	0.86
(32,2485)	1:144:A:LEU:HB3	1:146:A:GLN:HG3	6	0.86
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG2	14	0.86
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG3	14	0.86
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG11	2	0.86
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG12	2	0.86
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG13	2	0.86
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG21	2	0.86
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG22	2	0.86
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG23	2	0.86
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG11	2	0.86
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG12	2	0.86
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG13	2	0.86
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG21	2	0.86
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG22	2	0.86
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG23	2	0.86
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG11	2	0.86
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG12	2	0.86
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG13	2	0.86
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG21	2	0.86
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG22	2	0.86
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG23	2	0.86
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	7	0.86
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	7	0.86
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	7	0.86
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	7	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	7	0.86
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	7	0.86
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	12	0.86
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	12	0.86
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	12	0.86
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	0.86
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	0.86
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	0.86
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	12	0.86
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	12	0.86
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	12	0.86
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	0.86
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	0.86
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	0.86
(32,1986)	1:18:A:PHE:HB2	1:132:A:ALA:H	2	0.86
(32,1986)	1:18:A:PHE:HB3	1:132:A:ALA:H	2	0.86
(32,1750)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	6	0.86
(32,1750)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	6	0.86
(32,1750)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	6	0.86
(32,1750)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	6	0.86
(32,1724)	1:141:A:LYS:HA	1:149:A:ALA:H	2	0.86
(32,1682)	1:21:A:THR:HG21	1:24:A:ASP:HB2	11	0.86
(32,1682)	1:21:A:THR:HG21	1:24:A:ASP:HB3	11	0.86
(32,1682)	1:21:A:THR:HG22	1:24:A:ASP:HB2	11	0.86
(32,1682)	1:21:A:THR:HG22	1:24:A:ASP:HB3	11	0.86
(32,1682)	1:21:A:THR:HG23	1:24:A:ASP:HB2	11	0.86
(32,1682)	1:21:A:THR:HG23	1:24:A:ASP:HB3	11	0.86
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG21	16	0.86
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG22	16	0.86
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG23	16	0.86
(32,1237)	1:15:A:ALA:HA	1:131:A:LEU:HB2	2	0.86
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	10	0.86
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	10	0.86
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	10	0.86
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	10	0.86
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	10	0.86
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	10	0.86
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	10	0.86
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	10	0.86
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	10	0.86
(32,799)	1:98:A:ILE:HD11	1:101:A:ILE:HB	10	0.86
(32,799)	1:98:A:ILE:HD12	1:101:A:ILE:HB	10	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,799)	1:98:A:ILE:HD13	1:101:A:ILE:HB	10	0.86
(32,701)	1:44:A:GLU:HB2	1:54:A:ARG:HE	12	0.86
(32,701)	1:44:A:GLU:HB3	1:54:A:ARG:HE	12	0.86
(30,1860)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	18	0.86
(30,1860)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	18	0.86
(30,1710)	1:141:A:LYS:HA	1:145:A:PRO:HD3	2	0.86
(30,1059)	1:54:A:ARG:HA	1:58:A:ILE:HG13	8	0.86
(30,816)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	10	0.86
(30,816)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	10	0.86
(30,816)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	10	0.86
(30,755)	1:37:A:LEU:H	1:40:A:LEU:HB3	13	0.86
(30,716)	1:44:A:GLU:HB2	1:54:A:ARG:HE	12	0.86
(30,716)	1:44:A:GLU:HB3	1:54:A:ARG:HE	12	0.86
(29,2125)	1:39:A:VAL:HG11	1:140:A:LEU:HG	7	0.86
(29,2125)	1:39:A:VAL:HG12	1:140:A:LEU:HG	7	0.86
(29,2125)	1:39:A:VAL:HG13	1:140:A:LEU:HG	7	0.86
(29,2125)	1:39:A:VAL:HG21	1:140:A:LEU:HG	7	0.86
(29,2125)	1:39:A:VAL:HG22	1:140:A:LEU:HG	7	0.86
(29,2125)	1:39:A:VAL:HG23	1:140:A:LEU:HG	7	0.86
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	7	0.86
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	7	0.86
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	7	0.86
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	7	0.86
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	7	0.86
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	7	0.86
(29,1745)	1:21:A:THR:HG21	1:24:A:ASP:HB2	11	0.86
(29,1745)	1:21:A:THR:HG21	1:24:A:ASP:HB3	11	0.86
(29,1745)	1:21:A:THR:HG22	1:24:A:ASP:HB2	11	0.86
(29,1745)	1:21:A:THR:HG22	1:24:A:ASP:HB3	11	0.86
(29,1745)	1:21:A:THR:HG23	1:24:A:ASP:HB2	11	0.86
(29,1745)	1:21:A:THR:HG23	1:24:A:ASP:HB3	11	0.86
(29,1392)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	14	0.86
(29,1392)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	14	0.86
(29,1392)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	14	0.86
(29,1292)	1:12:A:VAL:HG21	1:13:A:ALA:HA	2	0.86
(29,1292)	1:12:A:VAL:HG22	1:13:A:ALA:HA	2	0.86
(29,1292)	1:12:A:VAL:HG23	1:13:A:ALA:HA	2	0.86
(29,1292)	1:12:A:VAL:HG21	1:13:A:ALA:HA	3	0.86
(29,1292)	1:12:A:VAL:HG22	1:13:A:ALA:HA	3	0.86
(29,1292)	1:12:A:VAL:HG23	1:13:A:ALA:HA	3	0.86
(29,1292)	1:12:A:VAL:HG21	1:13:A:ALA:HA	14	0.86
(29,1292)	1:12:A:VAL:HG22	1:13:A:ALA:HA	14	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1292)	1:12:A:VAL:HG23	1:13:A:ALA:HA	14	0.86
(29,1005)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	17	0.86
(29,1005)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	17	0.86
(29,970)	1:15:A:ALA:HB1	1:43:A:MET:HB2	6	0.86
(29,970)	1:15:A:ALA:HB2	1:43:A:MET:HB2	6	0.86
(29,970)	1:15:A:ALA:HB3	1:43:A:MET:HB2	6	0.86
(29,775)	1:53:A:THR:H	1:124:A:THR:HG21	2	0.86
(29,775)	1:53:A:THR:H	1:124:A:THR:HG22	2	0.86
(29,775)	1:53:A:THR:H	1:124:A:THR:HG23	2	0.86
(29,726)	1:44:A:GLU:HB2	1:54:A:ARG:HE	12	0.86
(29,726)	1:44:A:GLU:HB3	1:54:A:ARG:HE	12	0.86
(29,706)	1:46:A:ASN:HB3	1:134:A:VAL:H	2	0.86
(29,373)	1:41:A:LYS:H	1:44:A:GLU:HG2	4	0.86
(22,38)	1:120:A:CYS:N	1:116:A:GLN:C	2	0.86
(22,38)	1:120:A:CYS:N	1:116:A:GLN:C	4	0.86
(22,38)	1:120:A:CYS:N	1:116:A:GLN:C	5	0.86
(22,38)	1:120:A:CYS:N	1:116:A:GLN:C	7	0.86
(22,38)	1:120:A:CYS:N	1:116:A:GLN:C	14	0.86
(22,37)	1:120:A:CYS:H	1:116:A:GLN:C	8	0.86
(22,31)	1:117:A:VAL:H	1:113:A:PHE:C	7	0.86
(22,31)	1:117:A:VAL:H	1:113:A:PHE:C	19	0.86
(22,30)	1:116:A:GLN:N	1:112:A:GLN:C	1	0.86
(22,30)	1:116:A:GLN:N	1:112:A:GLN:C	19	0.86
(22,29)	1:116:A:GLN:H	1:112:A:GLN:C	16	0.86
(22,26)	1:114:A:ILE:N	1:110:A:MET:C	5	0.86
(22,26)	1:114:A:ILE:N	1:110:A:MET:C	18	0.86
(22,26)	1:114:A:ILE:N	1:110:A:MET:C	19	0.86
(22,25)	1:114:A:ILE:H	1:110:A:MET:C	17	0.86
(22,24)	1:113:A:PHE:N	1:109:A:PRO:C	3	0.86
(22,24)	1:113:A:PHE:N	1:109:A:PRO:C	8	0.86
(22,23)	1:113:A:PHE:H	1:109:A:PRO:C	13	0.86
(22,23)	1:113:A:PHE:H	1:109:A:PRO:C	14	0.86
(22,23)	1:113:A:PHE:H	1:109:A:PRO:C	15	0.86
(22,21)	1:107:A:LEU:H	1:103:A:ARG:C	17	0.86
(22,21)	1:107:A:LEU:H	1:103:A:ARG:C	18	0.86
(22,13)	1:60:A:LEU:H	1:56:A:CYS:C	13	0.86
(20,6)	1:52:A:CYS:SG	1:56:A:CYS:SG	8	0.86
(20,4)	1:52:A:CYS:SG	1:123:A:CYS:SG	14	0.86
(18,1956)	1:11:A:ILE:HG12	1:57:A:LEU:HB2	17	0.86
(18,1956)	1:11:A:ILE:HG12	1:57:A:LEU:HB3	17	0.86
(18,1845)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	18	0.86
(18,1845)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	18	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1744)	1:141:A:LYS:HA	1:149:A:ALA:H	2	0.86
(18,1709)	1:21:A:THR:HG21	1:24:A:ASP:HB2	11	0.86
(18,1709)	1:21:A:THR:HG21	1:24:A:ASP:HB3	11	0.86
(18,1709)	1:21:A:THR:HG22	1:24:A:ASP:HB2	11	0.86
(18,1709)	1:21:A:THR:HG22	1:24:A:ASP:HB3	11	0.86
(18,1709)	1:21:A:THR:HG23	1:24:A:ASP:HB2	11	0.86
(18,1709)	1:21:A:THR:HG23	1:24:A:ASP:HB3	11	0.86
(18,1269)	1:15:A:ALA:HA	1:131:A:LEU:HB2	2	0.86
(17,2215)	1:57:A:LEU:HD11	1:60:A:LEU:HG	5	0.86
(17,2215)	1:57:A:LEU:HD12	1:60:A:LEU:HG	5	0.86
(17,2215)	1:57:A:LEU:HD13	1:60:A:LEU:HG	5	0.86
(17,2215)	1:57:A:LEU:HD21	1:60:A:LEU:HG	5	0.86
(17,2215)	1:57:A:LEU:HD22	1:60:A:LEU:HG	5	0.86
(17,2215)	1:57:A:LEU:HD23	1:60:A:LEU:HG	5	0.86
(17,2130)	1:39:A:VAL:HG11	1:140:A:LEU:HG	7	0.86
(17,2130)	1:39:A:VAL:HG12	1:140:A:LEU:HG	7	0.86
(17,2130)	1:39:A:VAL:HG13	1:140:A:LEU:HG	7	0.86
(17,2130)	1:39:A:VAL:HG21	1:140:A:LEU:HG	7	0.86
(17,2130)	1:39:A:VAL:HG22	1:140:A:LEU:HG	7	0.86
(17,2130)	1:39:A:VAL:HG23	1:140:A:LEU:HG	7	0.86
(17,1739)	1:21:A:THR:HG21	1:24:A:ASP:HB2	11	0.86
(17,1739)	1:21:A:THR:HG21	1:24:A:ASP:HB3	11	0.86
(17,1739)	1:21:A:THR:HG22	1:24:A:ASP:HB2	11	0.86
(17,1739)	1:21:A:THR:HG22	1:24:A:ASP:HB3	11	0.86
(17,1739)	1:21:A:THR:HG23	1:24:A:ASP:HB2	11	0.86
(17,1739)	1:21:A:THR:HG23	1:24:A:ASP:HB3	11	0.86
(17,1392)	1:132:A:ALA:HA	1:134:A:VAL:HG11	2	0.86
(17,1392)	1:132:A:ALA:HA	1:134:A:VAL:HG12	2	0.86
(17,1392)	1:132:A:ALA:HA	1:134:A:VAL:HG13	2	0.86
(17,1097)	1:141:A:LYS:HA	1:149:A:ALA:HB1	3	0.86
(17,1097)	1:141:A:LYS:HA	1:149:A:ALA:HB2	3	0.86
(17,1097)	1:141:A:LYS:HA	1:149:A:ALA:HB3	3	0.86
(17,1026)	1:113:A:PHE:HA	1:116:A:GLN:HG3	7	0.86
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	15	0.86
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	15	0.86
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	15	0.86
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	15	0.86
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	15	0.86
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	15	0.86
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	15	0.86
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	15	0.86
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	15	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	15	0.86
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	15	0.86
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	15	0.86
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD11	2	0.86
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD12	2	0.86
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD13	2	0.86
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD21	2	0.86
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD22	2	0.86
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD23	2	0.86
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD11	15	0.86
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD12	15	0.86
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD13	15	0.86
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD21	15	0.86
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD22	15	0.86
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD23	15	0.86
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD11	15	0.86
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD12	15	0.86
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD13	15	0.86
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD21	15	0.86
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD22	15	0.86
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD23	15	0.86
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	3	0.86
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	3	0.86
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	3	0.86
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	3	0.86
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	3	0.86
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	3	0.86
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	3	0.86
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	3	0.86
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	3	0.86
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	3	0.86
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	3	0.86
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	3	0.86
(16,1763)	1:95:A:ILE:HB	1:97:A:ASP:HB2	8	0.86
(16,1763)	1:95:A:ILE:HB	1:97:A:ASP:HB3	8	0.86
(16,1719)	1:21:A:THR:HG21	1:24:A:ASP:HB2	11	0.86
(16,1719)	1:21:A:THR:HG21	1:24:A:ASP:HB3	11	0.86
(16,1719)	1:21:A:THR:HG22	1:24:A:ASP:HB2	11	0.86
(16,1719)	1:21:A:THR:HG22	1:24:A:ASP:HB3	11	0.86
(16,1719)	1:21:A:THR:HG23	1:24:A:ASP:HB2	11	0.86
(16,1719)	1:21:A:THR:HG23	1:24:A:ASP:HB3	11	0.86
(16,1643)	1:132:A:ALA:HA	1:134:A:VAL:HG11	2	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1643)	1:132:A:ALA:HA	1:134:A:VAL:HG12	2	0.86
(16,1643)	1:132:A:ALA:HA	1:134:A:VAL:HG13	2	0.86
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD11	7	0.86
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD12	7	0.86
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD13	7	0.86
(16,1563)	1:58:A:ILE:HD11	1:61:A:SER:H	1	0.86
(16,1563)	1:58:A:ILE:HD12	1:61:A:SER:H	1	0.86
(16,1563)	1:58:A:ILE:HD13	1:61:A:SER:H	1	0.86
(16,1563)	1:58:A:ILE:HD11	1:61:A:SER:H	8	0.86
(16,1563)	1:58:A:ILE:HD12	1:61:A:SER:H	8	0.86
(16,1563)	1:58:A:ILE:HD13	1:61:A:SER:H	8	0.86
(16,1563)	1:58:A:ILE:HD11	1:61:A:SER:H	11	0.86
(16,1563)	1:58:A:ILE:HD12	1:61:A:SER:H	11	0.86
(16,1563)	1:58:A:ILE:HD13	1:61:A:SER:H	11	0.86
(16,1013)	1:35:A:LEU:HG	1:143:A:TRP:HB3	18	0.86
(16,708)	1:46:A:ASN:HB3	1:134:A:VAL:H	2	0.86
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD11	2	0.86
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD12	2	0.86
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD13	2	0.86
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD11	16	0.86
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD12	16	0.86
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD13	16	0.86
(15,2175)	1:57:A:LEU:HD11	1:60:A:LEU:HG	5	0.86
(15,2175)	1:57:A:LEU:HD12	1:60:A:LEU:HG	5	0.86
(15,2175)	1:57:A:LEU:HD13	1:60:A:LEU:HG	5	0.86
(15,2175)	1:57:A:LEU:HD21	1:60:A:LEU:HG	5	0.86
(15,2175)	1:57:A:LEU:HD22	1:60:A:LEU:HG	5	0.86
(15,2175)	1:57:A:LEU:HD23	1:60:A:LEU:HG	5	0.86
(15,2088)	1:39:A:VAL:HG11	1:140:A:LEU:HG	7	0.86
(15,2088)	1:39:A:VAL:HG12	1:140:A:LEU:HG	7	0.86
(15,2088)	1:39:A:VAL:HG13	1:140:A:LEU:HG	7	0.86
(15,2088)	1:39:A:VAL:HG21	1:140:A:LEU:HG	7	0.86
(15,2088)	1:39:A:VAL:HG22	1:140:A:LEU:HG	7	0.86
(15,2088)	1:39:A:VAL:HG23	1:140:A:LEU:HG	7	0.86
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	7	0.86
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	7	0.86
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	7	0.86
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	7	0.86
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	7	0.86
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	7	0.86
(15,1874)	1:18:A:PHE:HE1	1:61:A:SER:H	5	0.86
(15,1874)	1:18:A:PHE:HE2	1:61:A:SER:H	5	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1776)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	19	0.86
(15,1776)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	19	0.86
(15,1776)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	19	0.86
(15,1776)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	19	0.86
(15,1776)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	19	0.86
(15,1776)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	19	0.86
(15,1776)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	19	0.86
(15,1776)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	19	0.86
(15,1776)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	19	0.86
(15,1776)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	19	0.86
(15,1776)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	19	0.86
(15,1776)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	19	0.86
(15,1750)	1:141:A:LYS:HA	1:149:A:ALA:H	2	0.86
(15,1454)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	3	0.86
(15,1454)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	3	0.86
(15,1454)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	3	0.86
(15,1454)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	3	0.86
(15,1454)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	3	0.86
(15,1454)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	3	0.86
(15,1454)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	3	0.86
(15,1454)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	3	0.86
(15,1454)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	3	0.86
(15,912)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	8	0.86
(15,912)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	8	0.86
(15,912)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	8	0.86
(15,817)	1:98:A:ILE:HD11	1:104:A:PHE:HB2	15	0.86
(15,817)	1:98:A:ILE:HD12	1:104:A:PHE:HB2	15	0.86
(15,817)	1:98:A:ILE:HD13	1:104:A:PHE:HB2	15	0.86
(15,32)	1:96:A:VAL:H	1:97:A:ASP:H	2	0.86
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG11	15	0.86
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG12	15	0.86
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG13	15	0.86
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG21	15	0.86
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG22	15	0.86
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG23	15	0.86
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG11	15	0.86
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG12	15	0.86
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG13	15	0.86
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG21	15	0.86
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG22	15	0.86
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG23	15	0.86
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG11	15	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG12	15	0.86
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG13	15	0.86
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG21	15	0.86
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG22	15	0.86
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG23	15	0.86
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG11	15	0.86
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG12	15	0.86
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG13	15	0.86
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG21	15	0.86
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG22	15	0.86
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG23	15	0.86
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG11	15	0.86
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG12	15	0.86
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG13	15	0.86
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG21	15	0.86
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG22	15	0.86
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG23	15	0.86
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG11	15	0.86
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG12	15	0.86
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG13	15	0.86
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG21	15	0.86
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG22	15	0.86
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG23	15	0.86
(13,2158)	1:57:A:LEU:HD11	1:60:A:LEU:HG	5	0.86
(13,2158)	1:57:A:LEU:HD12	1:60:A:LEU:HG	5	0.86
(13,2158)	1:57:A:LEU:HD13	1:60:A:LEU:HG	5	0.86
(13,2158)	1:57:A:LEU:HD21	1:60:A:LEU:HG	5	0.86
(13,2158)	1:57:A:LEU:HD22	1:60:A:LEU:HG	5	0.86
(13,2158)	1:57:A:LEU:HD23	1:60:A:LEU:HG	5	0.86
(13,1921)	1:11:A:ILE:HD11	1:46:A:ASN:HD21	2	0.86
(13,1921)	1:11:A:ILE:HD11	1:46:A:ASN:HD22	2	0.86
(13,1921)	1:11:A:ILE:HD12	1:46:A:ASN:HD21	2	0.86
(13,1921)	1:11:A:ILE:HD12	1:46:A:ASN:HD22	2	0.86
(13,1921)	1:11:A:ILE:HD13	1:46:A:ASN:HD21	2	0.86
(13,1921)	1:11:A:ILE:HD13	1:46:A:ASN:HD22	2	0.86
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	16	0.86
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	16	0.86
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	16	0.86
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	16	0.86
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	16	0.86
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	16	0.86
(13,1855)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	11	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1855)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	11	0.86
(13,1855)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	11	0.86
(13,1855)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	11	0.86
(13,1855)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	11	0.86
(13,1855)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	11	0.86
(13,1728)	1:141:A:LYS:HA	1:149:A:ALA:H	2	0.86
(13,1692)	1:21:A:THR:HG21	1:24:A:ASP:HB2	11	0.86
(13,1692)	1:21:A:THR:HG21	1:24:A:ASP:HB3	11	0.86
(13,1692)	1:21:A:THR:HG22	1:24:A:ASP:HB2	11	0.86
(13,1692)	1:21:A:THR:HG22	1:24:A:ASP:HB3	11	0.86
(13,1692)	1:21:A:THR:HG23	1:24:A:ASP:HB2	11	0.86
(13,1692)	1:21:A:THR:HG23	1:24:A:ASP:HB3	11	0.86
(13,1431)	1:13:A:ALA:HB1	1:61:A:SER:HA	12	0.86
(13,1431)	1:13:A:ALA:HB2	1:61:A:SER:HA	12	0.86
(13,1431)	1:13:A:ALA:HB3	1:61:A:SER:HA	12	0.86
(13,1253)	1:12:A:VAL:HG21	1:13:A:ALA:HA	2	0.86
(13,1253)	1:12:A:VAL:HG22	1:13:A:ALA:HA	2	0.86
(13,1253)	1:12:A:VAL:HG23	1:13:A:ALA:HA	2	0.86
(13,1253)	1:12:A:VAL:HG21	1:13:A:ALA:HA	3	0.86
(13,1253)	1:12:A:VAL:HG22	1:13:A:ALA:HA	3	0.86
(13,1253)	1:12:A:VAL:HG23	1:13:A:ALA:HA	3	0.86
(13,1253)	1:12:A:VAL:HG21	1:13:A:ALA:HA	14	0.86
(13,1253)	1:12:A:VAL:HG22	1:13:A:ALA:HA	14	0.86
(13,1253)	1:12:A:VAL:HG23	1:13:A:ALA:HA	14	0.86
(13,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB1	3	0.86
(13,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB2	3	0.86
(13,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB3	3	0.86
(13,1002)	1:34:A:LYS:H	1:81:A:GLU:HB3	8	0.86
(13,886)	1:21:A:THR:HB	1:23:A:LEU:H	11	0.86
(13,417)	1:100:A:ALA:H	1:119:A:LEU:HB3	4	0.86
(11,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	4	0.86
(11,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	4	0.86
(11,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	4	0.86
(11,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	4	0.86
(11,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	10	0.86
(11,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	10	0.86
(11,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	10	0.86
(11,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	10	0.86
(11,2217)	1:60:A:LEU:HG	1:61:A:SER:HB2	10	0.86
(11,2217)	1:60:A:LEU:HG	1:61:A:SER:HB3	10	0.86
(11,2128)	1:39:A:VAL:HG11	1:140:A:LEU:HG	7	0.86
(11,2128)	1:39:A:VAL:HG12	1:140:A:LEU:HG	7	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2128)	1:39:A:VAL:HG13	1:140:A:LEU:HG	7	0.86
(11,2128)	1:39:A:VAL:HG21	1:140:A:LEU:HG	7	0.86
(11,2128)	1:39:A:VAL:HG22	1:140:A:LEU:HG	7	0.86
(11,2128)	1:39:A:VAL:HG23	1:140:A:LEU:HG	7	0.86
(11,2093)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	11	0.86
(11,2093)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	11	0.86
(11,2093)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	11	0.86
(11,2093)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	11	0.86
(11,2093)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	11	0.86
(11,2093)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	11	0.86
(11,2093)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	11	0.86
(11,2093)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	11	0.86
(11,2093)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	11	0.86
(11,2093)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	11	0.86
(11,2093)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	11	0.86
(11,2093)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	11	0.86
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	14	0.86
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	14	0.86
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	14	0.86
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	14	0.86
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	14	0.86
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	14	0.86
(11,1972)	1:11:A:ILE:HB	1:40:A:LEU:HD11	13	0.86
(11,1972)	1:11:A:ILE:HB	1:40:A:LEU:HD12	13	0.86
(11,1972)	1:11:A:ILE:HB	1:40:A:LEU:HD13	13	0.86
(11,1972)	1:11:A:ILE:HB	1:40:A:LEU:HD21	13	0.86
(11,1972)	1:11:A:ILE:HB	1:40:A:LEU:HD22	13	0.86
(11,1972)	1:11:A:ILE:HB	1:40:A:LEU:HD23	13	0.86
(11,1880)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	18	0.86
(11,1880)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	18	0.86
(11,1800)	1:97:A:ASP:HA	1:105:A:LYS:HG3	16	0.86
(11,1762)	1:21:A:THR:HG21	1:24:A:ASP:HB2	11	0.86
(11,1762)	1:21:A:THR:HG21	1:24:A:ASP:HB3	11	0.86
(11,1762)	1:21:A:THR:HG22	1:24:A:ASP:HB2	11	0.86
(11,1762)	1:21:A:THR:HG22	1:24:A:ASP:HB3	11	0.86
(11,1762)	1:21:A:THR:HG23	1:24:A:ASP:HB2	11	0.86
(11,1762)	1:21:A:THR:HG23	1:24:A:ASP:HB3	11	0.86
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD11	7	0.86
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD12	7	0.86
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD13	7	0.86
(11,1605)	1:58:A:ILE:HD11	1:61:A:SER:H	1	0.86
(11,1605)	1:58:A:ILE:HD12	1:61:A:SER:H	1	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1605)	1:58:A:ILE:HD13	1:61:A:SER:H	1	0.86
(11,1605)	1:58:A:ILE:HD11	1:61:A:SER:H	8	0.86
(11,1605)	1:58:A:ILE:HD12	1:61:A:SER:H	8	0.86
(11,1605)	1:58:A:ILE:HD13	1:61:A:SER:H	8	0.86
(11,1605)	1:58:A:ILE:HD11	1:61:A:SER:H	11	0.86
(11,1605)	1:58:A:ILE:HD12	1:61:A:SER:H	11	0.86
(11,1605)	1:58:A:ILE:HD13	1:61:A:SER:H	11	0.86
(11,1022)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	5	0.86
(11,1022)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	5	0.86
(11,1022)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	5	0.86
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	10	0.86
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	10	0.86
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	10	0.86
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	10	0.86
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	10	0.86
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	10	0.86
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	10	0.86
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	10	0.86
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	10	0.86
(9,2364)	1:131:A:LEU:HD11	1:134:A:VAL:HB	5	0.86
(9,2364)	1:131:A:LEU:HD12	1:134:A:VAL:HB	5	0.86
(9,2364)	1:131:A:LEU:HD13	1:134:A:VAL:HB	5	0.86
(9,2364)	1:131:A:LEU:HD21	1:134:A:VAL:HB	5	0.86
(9,2364)	1:131:A:LEU:HD22	1:134:A:VAL:HB	5	0.86
(9,2364)	1:131:A:LEU:HD23	1:134:A:VAL:HB	5	0.86
(9,1716)	1:21:A:THR:HG21	1:24:A:ASP:HB2	11	0.86
(9,1716)	1:21:A:THR:HG21	1:24:A:ASP:HB3	11	0.86
(9,1716)	1:21:A:THR:HG22	1:24:A:ASP:HB2	11	0.86
(9,1716)	1:21:A:THR:HG22	1:24:A:ASP:HB3	11	0.86
(9,1716)	1:21:A:THR:HG23	1:24:A:ASP:HB2	11	0.86
(9,1716)	1:21:A:THR:HG23	1:24:A:ASP:HB3	11	0.86
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD21	7	0.86
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD22	7	0.86
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD23	7	0.86
(9,486)	1:147:A:ARG:HD2	1:148:A:CYS:H	17	0.86
(9,486)	1:147:A:ARG:HD3	1:148:A:CYS:H	17	0.86
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	7	0.86
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	7	0.86
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	7	0.86
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	7	0.86
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	7	0.86
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	7	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	7	0.86
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	7	0.86
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	7	0.86
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	7	0.86
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	7	0.86
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	7	0.86
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	7	0.86
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	7	0.86
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	7	0.86
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	7	0.86
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	7	0.86
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	7	0.86
(7,1971)	1:18:A:PHE:HB2	1:132:A:ALA:HA	7	0.86
(7,1971)	1:18:A:PHE:HB3	1:132:A:ALA:HA	7	0.86
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	15	0.86
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	15	0.86
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	15	0.86
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	15	0.86
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	15	0.86
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	15	0.86
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	15	0.86
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	15	0.86
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	15	0.86
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	15	0.86
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	15	0.86
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	15	0.86
(7,1826)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	6	0.86
(7,1248)	1:15:A:ALA:HA	1:131:A:LEU:HB2	2	0.86
(7,1231)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	3	0.86
(7,1231)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	3	0.86
(7,1231)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	3	0.86
(7,1231)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	3	0.86
(7,1231)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	3	0.86
(7,1231)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	3	0.86
(7,1231)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	3	0.86
(7,1231)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	3	0.86
(7,1231)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	3	0.86
(7,903)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	8	0.86
(7,903)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	8	0.86
(7,903)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	8	0.86
(6,2209)	1:60:A:LEU:HG	1:61:A:SER:HB2	10	0.86
(6,2209)	1:60:A:LEU:HG	1:61:A:SER:HB3	10	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2078)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	6	0.86
(6,2078)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	6	0.86
(6,2078)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	6	0.86
(6,2078)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	6	0.86
(6,2078)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	6	0.86
(6,2078)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	6	0.86
(6,2078)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	6	0.86
(6,2078)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	6	0.86
(6,2078)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	6	0.86
(6,2078)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	6	0.86
(6,2078)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	6	0.86
(6,2078)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	6	0.86
(6,1725)	1:21:A:THR:HG21	1:24:A:ASP:HB2	11	0.86
(6,1725)	1:21:A:THR:HG21	1:24:A:ASP:HB3	11	0.86
(6,1725)	1:21:A:THR:HG22	1:24:A:ASP:HB2	11	0.86
(6,1725)	1:21:A:THR:HG22	1:24:A:ASP:HB3	11	0.86
(6,1725)	1:21:A:THR:HG23	1:24:A:ASP:HB2	11	0.86
(6,1725)	1:21:A:THR:HG23	1:24:A:ASP:HB3	11	0.86
(5,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	16	0.86
(5,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	16	0.86
(5,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	16	0.86
(5,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	16	0.86
(5,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	16	0.86
(5,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	16	0.86
(5,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	16	0.86
(5,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	16	0.86
(5,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	16	0.86
(5,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	16	0.86
(5,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	16	0.86
(5,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	16	0.86
(5,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	16	0.86
(5,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	16	0.86
(5,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	16	0.86
(5,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	16	0.86
(5,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	16	0.86
(5,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	16	0.86
(5,2192)	1:57:A:LEU:HD11	1:60:A:LEU:HG	5	0.86
(5,2192)	1:57:A:LEU:HD12	1:60:A:LEU:HG	5	0.86
(5,2192)	1:57:A:LEU:HD13	1:60:A:LEU:HG	5	0.86
(5,2192)	1:57:A:LEU:HD21	1:60:A:LEU:HG	5	0.86
(5,2192)	1:57:A:LEU:HD22	1:60:A:LEU:HG	5	0.86
(5,2192)	1:57:A:LEU:HD23	1:60:A:LEU:HG	5	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1892)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	16	0.86
(5,1892)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	16	0.86
(5,1885)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	18	0.86
(5,1885)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	18	0.86
(5,1790)	1:97:A:ASP:HA	1:105:A:LYS:HG3	16	0.86
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG21	19	0.86
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG22	19	0.86
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG23	19	0.86
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG21	19	0.86
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG22	19	0.86
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG23	19	0.86
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG21	19	0.86
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG22	19	0.86
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG23	19	0.86
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD11	1	0.86
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD12	1	0.86
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD13	1	0.86
(5,1589)	1:58:A:ILE:HD11	1:61:A:SER:H	1	0.86
(5,1589)	1:58:A:ILE:HD12	1:61:A:SER:H	1	0.86
(5,1589)	1:58:A:ILE:HD13	1:61:A:SER:H	1	0.86
(5,1589)	1:58:A:ILE:HD11	1:61:A:SER:H	8	0.86
(5,1589)	1:58:A:ILE:HD12	1:61:A:SER:H	8	0.86
(5,1589)	1:58:A:ILE:HD13	1:61:A:SER:H	8	0.86
(5,1589)	1:58:A:ILE:HD11	1:61:A:SER:H	11	0.86
(5,1589)	1:58:A:ILE:HD12	1:61:A:SER:H	11	0.86
(5,1589)	1:58:A:ILE:HD13	1:61:A:SER:H	11	0.86
(5,1264)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	3	0.86
(5,1264)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	3	0.86
(5,1264)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	3	0.86
(5,1264)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	3	0.86
(5,1264)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	3	0.86
(5,1264)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	3	0.86
(5,1264)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	3	0.86
(5,1264)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	3	0.86
(5,1264)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	3	0.86
(5,1073)	1:14:A:VAL:HG21	1:61:A:SER:HA	14	0.86
(5,1073)	1:14:A:VAL:HG22	1:61:A:SER:HA	14	0.86
(5,1073)	1:14:A:VAL:HG23	1:61:A:SER:HA	14	0.86
(5,1005)	1:14:A:VAL:HG21	1:61:A:SER:HB3	9	0.86
(5,1005)	1:14:A:VAL:HG22	1:61:A:SER:HB3	9	0.86
(5,1005)	1:14:A:VAL:HG23	1:61:A:SER:HB3	9	0.86
(5,936)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	4	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,936)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	4	0.86
(5,859)	1:39:A:VAL:H	1:139:A:LEU:HB2	8	0.86
(5,859)	1:39:A:VAL:H	1:139:A:LEU:HB3	8	0.86
(4,2190)	1:57:A:LEU:HD11	1:60:A:LEU:HG	5	0.86
(4,2190)	1:57:A:LEU:HD12	1:60:A:LEU:HG	5	0.86
(4,2190)	1:57:A:LEU:HD13	1:60:A:LEU:HG	5	0.86
(4,2190)	1:57:A:LEU:HD21	1:60:A:LEU:HG	5	0.86
(4,2190)	1:57:A:LEU:HD22	1:60:A:LEU:HG	5	0.86
(4,2190)	1:57:A:LEU:HD23	1:60:A:LEU:HG	5	0.86
(4,2107)	1:39:A:VAL:HG11	1:140:A:LEU:HG	7	0.86
(4,2107)	1:39:A:VAL:HG12	1:140:A:LEU:HG	7	0.86
(4,2107)	1:39:A:VAL:HG13	1:140:A:LEU:HG	7	0.86
(4,2107)	1:39:A:VAL:HG21	1:140:A:LEU:HG	7	0.86
(4,2107)	1:39:A:VAL:HG22	1:140:A:LEU:HG	7	0.86
(4,2107)	1:39:A:VAL:HG23	1:140:A:LEU:HG	7	0.86
(4,1935)	1:11:A:ILE:HB	1:40:A:LEU:HD11	13	0.86
(4,1935)	1:11:A:ILE:HB	1:40:A:LEU:HD12	13	0.86
(4,1935)	1:11:A:ILE:HB	1:40:A:LEU:HD13	13	0.86
(4,1935)	1:11:A:ILE:HB	1:40:A:LEU:HD21	13	0.86
(4,1935)	1:11:A:ILE:HB	1:40:A:LEU:HD22	13	0.86
(4,1935)	1:11:A:ILE:HB	1:40:A:LEU:HD23	13	0.86
(4,1867)	1:18:A:PHE:HE1	1:61:A:SER:H	5	0.86
(4,1867)	1:18:A:PHE:HE2	1:61:A:SER:H	5	0.86
(4,1833)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	6	0.86
(4,1743)	1:141:A:LYS:HA	1:149:A:ALA:H	2	0.86
(4,1703)	1:21:A:THR:HG21	1:24:A:ASP:HB2	11	0.86
(4,1703)	1:21:A:THR:HG21	1:24:A:ASP:HB3	11	0.86
(4,1703)	1:21:A:THR:HG22	1:24:A:ASP:HB2	11	0.86
(4,1703)	1:21:A:THR:HG22	1:24:A:ASP:HB3	11	0.86
(4,1703)	1:21:A:THR:HG23	1:24:A:ASP:HB2	11	0.86
(4,1703)	1:21:A:THR:HG23	1:24:A:ASP:HB3	11	0.86
(4,1258)	1:12:A:VAL:HG21	1:13:A:ALA:HA	2	0.86
(4,1258)	1:12:A:VAL:HG22	1:13:A:ALA:HA	2	0.86
(4,1258)	1:12:A:VAL:HG23	1:13:A:ALA:HA	2	0.86
(4,1258)	1:12:A:VAL:HG21	1:13:A:ALA:HA	3	0.86
(4,1258)	1:12:A:VAL:HG22	1:13:A:ALA:HA	3	0.86
(4,1258)	1:12:A:VAL:HG23	1:13:A:ALA:HA	3	0.86
(4,1258)	1:12:A:VAL:HG21	1:13:A:ALA:HA	14	0.86
(4,1258)	1:12:A:VAL:HG22	1:13:A:ALA:HA	14	0.86
(4,1258)	1:12:A:VAL:HG23	1:13:A:ALA:HA	14	0.86
(4,1243)	1:15:A:ALA:HA	1:131:A:LEU:HB2	2	0.86
(4,1158)	1:27:A:ARG:HB3	1:30:A:LEU:HD21	3	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1158)	1:27:A:ARG:HB3	1:30:A:LEU:HD22	3	0.86
(4,1158)	1:27:A:ARG:HB3	1:30:A:LEU:HD23	3	0.86
(4,1069)	1:141:A:LYS:HA	1:149:A:ALA:HB1	3	0.86
(4,1069)	1:141:A:LYS:HA	1:149:A:ALA:HB2	3	0.86
(4,1069)	1:141:A:LYS:HA	1:149:A:ALA:HB3	3	0.86
(4,815)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	10	0.86
(4,815)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	10	0.86
(4,815)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	10	0.86
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	4	0.86
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	4	0.86
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	4	0.86
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	4	0.86
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	4	0.86
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	4	0.86
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	4	0.86
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	4	0.86
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	4	0.86
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	4	0.86
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	4	0.86
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	4	0.86
(3,2104)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	10	0.86
(3,2104)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	10	0.86
(3,2104)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	10	0.86
(3,2104)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	10	0.86
(3,2104)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	10	0.86
(3,2104)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	10	0.86
(3,2104)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	10	0.86
(3,2104)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	10	0.86
(3,2104)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	10	0.86
(3,2104)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	10	0.86
(3,2104)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	10	0.86
(3,2104)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	10	0.86
(3,2086)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	1	0.86
(3,2086)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	1	0.86
(3,2086)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	1	0.86
(3,2086)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	1	0.86
(3,2059)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	9	0.86
(3,2059)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	9	0.86
(3,2059)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	9	0.86
(3,2059)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	9	0.86
(3,2059)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	9	0.86
(3,2059)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	9	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1886)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	18	0.86
(3,1886)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	18	0.86
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	11	0.86
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	11	0.86
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	11	0.86
(3,1470)	1:50:A:ALA:HB1	1:126:A:GLY:HA3	2	0.86
(3,1470)	1:50:A:ALA:HB2	1:126:A:GLY:HA3	2	0.86
(3,1470)	1:50:A:ALA:HB3	1:126:A:GLY:HA3	2	0.86
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD21	17	0.86
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD22	17	0.86
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD23	17	0.86
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD21	17	0.86
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD22	17	0.86
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD23	17	0.86
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD21	17	0.86
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD22	17	0.86
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD23	17	0.86
(3,1196)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	4	0.86
(3,1196)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	4	0.86
(3,1196)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	4	0.86
(3,425)	1:100:A:ALA:H	1:119:A:LEU:HB3	4	0.86
(3,381)	1:40:A:LEU:HD11	1:41:A:LYS:H	12	0.86
(3,381)	1:40:A:LEU:HD12	1:41:A:LYS:H	12	0.86
(3,381)	1:40:A:LEU:HD13	1:41:A:LYS:H	12	0.86
(3,278)	1:113:A:PHE:H	1:116:A:GLN:HG3	2	0.86
(2,1884)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	18	0.86
(2,1884)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	18	0.86
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB2	3	0.86
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB3	3	0.86
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB2	3	0.86
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB3	3	0.86
(2,1781)	1:141:A:LYS:HA	1:149:A:ALA:H	2	0.86
(2,1743)	1:21:A:THR:HG21	1:24:A:ASP:HB2	11	0.86
(2,1743)	1:21:A:THR:HG21	1:24:A:ASP:HB3	11	0.86
(2,1743)	1:21:A:THR:HG22	1:24:A:ASP:HB2	11	0.86
(2,1743)	1:21:A:THR:HG22	1:24:A:ASP:HB3	11	0.86
(2,1743)	1:21:A:THR:HG23	1:24:A:ASP:HB2	11	0.86
(2,1743)	1:21:A:THR:HG23	1:24:A:ASP:HB3	11	0.86
(2,1662)	1:47:A:ALA:H	1:134:A:VAL:HG11	19	0.86
(2,1662)	1:47:A:ALA:H	1:134:A:VAL:HG12	19	0.86
(2,1662)	1:47:A:ALA:H	1:134:A:VAL:HG13	19	0.86
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG21	16	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG22	16	0.86
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG23	16	0.86
(2,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	16	0.86
(2,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	16	0.86
(2,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	16	0.86
(2,1369)	1:39:A:VAL:HG11	1:144:A:LEU:H	19	0.86
(2,1369)	1:39:A:VAL:HG12	1:144:A:LEU:H	19	0.86
(2,1369)	1:39:A:VAL:HG13	1:144:A:LEU:H	19	0.86
(2,1013)	1:34:A:LYS:H	1:81:A:GLU:HB3	8	0.86
(2,956)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	5	0.86
(2,956)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	5	0.86
(2,54)	1:47:A:ALA:H	1:134:A:VAL:HG21	3	0.86
(2,54)	1:47:A:ALA:H	1:134:A:VAL:HG22	3	0.86
(2,54)	1:47:A:ALA:H	1:134:A:VAL:HG23	3	0.86
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG11	11	0.86
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG12	11	0.86
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG13	11	0.86
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG21	11	0.86
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG22	11	0.86
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG23	11	0.86
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	4	0.86
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	4	0.86
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	4	0.86
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	4	0.86
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	4	0.86
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	4	0.86
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	4	0.86
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	4	0.86
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	4	0.86
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	4	0.86
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	4	0.86
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	4	0.86
(1,1880)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	16	0.86
(1,1880)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	16	0.86
(1,1873)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	18	0.86
(1,1873)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	18	0.86
(1,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	16	0.86
(1,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	16	0.86
(1,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	16	0.86
(1,1256)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	3	0.86
(1,1256)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	3	0.86
(1,1256)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	3	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1256)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	3	0.86
(1,1256)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	3	0.86
(1,1256)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	3	0.86
(1,1256)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	3	0.86
(1,1256)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	3	0.86
(1,1256)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	3	0.86
(1,1100)	1:141:A:LYS:HA	1:149:A:ALA:HB1	3	0.86
(1,1100)	1:141:A:LYS:HA	1:149:A:ALA:HB2	3	0.86
(1,1100)	1:141:A:LYS:HA	1:149:A:ALA:HB3	3	0.86
(1,832)	1:98:A:ILE:HD11	1:101:A:ILE:HB	14	0.86
(1,832)	1:98:A:ILE:HD12	1:101:A:ILE:HB	14	0.86
(1,832)	1:98:A:ILE:HD13	1:101:A:ILE:HB	14	0.86
(1,648)	1:66:A:THR:H	1:96:A:VAL:H	10	0.86
(34,2264)	1:74:A:PRO:HA	1:77:A:CYS:HB2	14	0.85
(34,2264)	1:74:A:PRO:HA	1:77:A:CYS:HB3	14	0.85
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD11	10	0.85
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD12	10	0.85
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD13	10	0.85
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD21	10	0.85
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD22	10	0.85
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD23	10	0.85
(34,2023)	1:18:A:PHE:HA	1:117:A:VAL:HG11	12	0.85
(34,2023)	1:18:A:PHE:HA	1:117:A:VAL:HG12	12	0.85
(34,2023)	1:18:A:PHE:HA	1:117:A:VAL:HG13	12	0.85
(34,2023)	1:18:A:PHE:HA	1:117:A:VAL:HG21	12	0.85
(34,2023)	1:18:A:PHE:HA	1:117:A:VAL:HG22	12	0.85
(34,2023)	1:18:A:PHE:HA	1:117:A:VAL:HG23	12	0.85
(34,1935)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	4	0.85
(34,1935)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	4	0.85
(34,1722)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	19	0.85
(34,1722)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	19	0.85
(34,1722)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	19	0.85
(34,1678)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	3	0.85
(34,1678)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	3	0.85
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE1	16	0.85
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE2	16	0.85
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE3	16	0.85
(34,1018)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	16	0.85
(34,1018)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	16	0.85
(34,1016)	1:12:A:VAL:HB	1:43:A:MET:HE1	11	0.85
(34,1016)	1:12:A:VAL:HB	1:43:A:MET:HE2	11	0.85
(34,1016)	1:12:A:VAL:HB	1:43:A:MET:HE3	11	0.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD2	12	0.85
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD3	12	0.85
(34,958)	1:69:A:MET:HG2	1:109:A:PRO:HA	17	0.85
(34,903)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	14	0.85
(34,903)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	14	0.85
(34,903)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	14	0.85
(34,706)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	10	0.85
(34,706)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	10	0.85
(34,330)	1:44:A:GLU:HG2	1:46:A:ASN:H	7	0.85
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	11	0.85
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	11	0.85
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	11	0.85
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	11	0.85
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	11	0.85
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	11	0.85
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	11	0.85
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	11	0.85
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	11	0.85
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	11	0.85
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	11	0.85
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	11	0.85
(33,1944)	1:10:A:ASN:HD21	1:81:A:GLU:H	6	0.85
(33,1944)	1:10:A:ASN:HD22	1:81:A:GLU:H	6	0.85
(33,1944)	1:10:A:ASN:HD21	1:81:A:GLU:H	11	0.85
(33,1944)	1:10:A:ASN:HD22	1:81:A:GLU:H	11	0.85
(33,1657)	1:16:A:SER:HB3	1:19:A:ALA:HB1	11	0.85
(33,1657)	1:16:A:SER:HB3	1:19:A:ALA:HB2	11	0.85
(33,1657)	1:16:A:SER:HB3	1:19:A:ALA:HB3	11	0.85
(33,1618)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	12	0.85
(33,1180)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	17	0.85
(33,1180)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	17	0.85
(33,1180)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	17	0.85
(33,1180)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	17	0.85
(33,1180)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	17	0.85
(33,1180)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	17	0.85
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD21	15	0.85
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD22	15	0.85
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD23	15	0.85
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	14	0.85
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	14	0.85
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	14	0.85
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	14	0.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	14	0.85
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	14	0.85
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	14	0.85
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	14	0.85
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	14	0.85
(33,322)	1:44:A:GLU:HG2	1:46:A:ASN:H	7	0.85
(33,313)	1:43:A:MET:H	1:140:A:LEU:HD21	13	0.85
(33,313)	1:43:A:MET:H	1:140:A:LEU:HD22	13	0.85
(33,313)	1:43:A:MET:H	1:140:A:LEU:HD23	13	0.85
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	10	0.85
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	10	0.85
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	10	0.85
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	10	0.85
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	10	0.85
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	10	0.85
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	10	0.85
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	10	0.85
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	10	0.85
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	10	0.85
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	10	0.85
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	10	0.85
(32,2344)	1:113:A:PHE:H	1:116:A:GLN:HG2	1	0.85
(32,2344)	1:113:A:PHE:H	1:116:A:GLN:HG3	1	0.85
(32,1937)	1:12:A:VAL:HG11	1:43:A:MET:H	18	0.85
(32,1937)	1:12:A:VAL:HG12	1:43:A:MET:H	18	0.85
(32,1937)	1:12:A:VAL:HG13	1:43:A:MET:H	18	0.85
(32,1937)	1:12:A:VAL:HG21	1:43:A:MET:H	18	0.85
(32,1937)	1:12:A:VAL:HG22	1:43:A:MET:H	18	0.85
(32,1937)	1:12:A:VAL:HG23	1:43:A:MET:H	18	0.85
(32,1913)	1:10:A:ASN:HD21	1:81:A:GLU:H	6	0.85
(32,1913)	1:10:A:ASN:HD22	1:81:A:GLU:H	6	0.85
(32,1913)	1:10:A:ASN:HD21	1:81:A:GLU:H	11	0.85
(32,1913)	1:10:A:ASN:HD22	1:81:A:GLU:H	11	0.85
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	10	0.85
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	10	0.85
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	10	0.85
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	10	0.85
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	10	0.85
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	10	0.85
(32,1810)	1:79:A:THR:HB	1:80:A:TYR:HE1	15	0.85
(32,1810)	1:79:A:THR:HB	1:80:A:TYR:HE2	15	0.85
(32,1653)	1:43:A:MET:HE1	1:131:A:LEU:HA	5	0.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1653)	1:43:A:MET:HE2	1:131:A:LEU:HA	5	0.85
(32,1653)	1:43:A:MET:HE3	1:131:A:LEU:HA	5	0.85
(32,1357)	1:19:A:ALA:HB1	1:132:A:ALA:HA	5	0.85
(32,1357)	1:19:A:ALA:HB2	1:132:A:ALA:HA	5	0.85
(32,1357)	1:19:A:ALA:HB3	1:132:A:ALA:HA	5	0.85
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD21	15	0.85
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD22	15	0.85
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD23	15	0.85
(30,2302)	1:98:A:ILE:H	1:104:A:PHE:HB2	16	0.85
(30,2302)	1:98:A:ILE:H	1:104:A:PHE:HB3	16	0.85
(30,2134)	1:39:A:VAL:HG11	1:144:A:LEU:H	6	0.85
(30,2134)	1:39:A:VAL:HG12	1:144:A:LEU:H	6	0.85
(30,2134)	1:39:A:VAL:HG13	1:144:A:LEU:H	6	0.85
(30,2134)	1:39:A:VAL:HG21	1:144:A:LEU:H	6	0.85
(30,2134)	1:39:A:VAL:HG22	1:144:A:LEU:H	6	0.85
(30,2134)	1:39:A:VAL:HG23	1:144:A:LEU:H	6	0.85
(30,1787)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	5	0.85
(30,1787)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	5	0.85
(30,881)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	14	0.85
(30,881)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	14	0.85
(30,881)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	14	0.85
(30,797)	1:8:A:ASP:H	1:58:A:ILE:HD11	12	0.85
(30,797)	1:8:A:ASP:H	1:58:A:ILE:HD12	12	0.85
(30,797)	1:8:A:ASP:H	1:58:A:ILE:HD13	12	0.85
(30,323)	1:44:A:GLU:HG2	1:46:A:ASN:H	7	0.85
(29,2259)	1:74:A:PRO:HA	1:77:A:CYS:HB2	14	0.85
(29,2259)	1:74:A:PRO:HA	1:77:A:CYS:HB3	14	0.85
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	10	0.85
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	10	0.85
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	10	0.85
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	10	0.85
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	10	0.85
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	10	0.85
(29,1870)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	16	0.85
(29,1870)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	16	0.85
(29,1870)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	16	0.85
(29,1870)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	16	0.85
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	9	0.85
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	9	0.85
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	9	0.85
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	9	0.85
(29,1690)	1:16:A:SER:HB3	1:19:A:ALA:HB1	11	0.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1690)	1:16:A:SER:HB3	1:19:A:ALA:HB2	11	0.85
(29,1690)	1:16:A:SER:HB3	1:19:A:ALA:HB3	11	0.85
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE1	16	0.85
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE2	16	0.85
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE3	16	0.85
(29,1040)	1:8:A:ASP:H	1:58:A:ILE:HG12	1	0.85
(29,898)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	14	0.85
(29,898)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	14	0.85
(29,898)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	14	0.85
(29,321)	1:44:A:GLU:HG2	1:46:A:ASN:H	7	0.85
(29,312)	1:43:A:MET:H	1:140:A:LEU:HD11	19	0.85
(29,312)	1:43:A:MET:H	1:140:A:LEU:HD12	19	0.85
(29,312)	1:43:A:MET:H	1:140:A:LEU:HD13	19	0.85
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE1	18	0.85
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE2	18	0.85
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE3	18	0.85
(29,37)	1:95:A:ILE:HB	1:96:A:VAL:H	13	0.85
(22,39)	1:128:A:LEU:H	1:124:A:THR:C	6	0.85
(22,38)	1:120:A:CYS:N	1:116:A:GLN:C	9	0.85
(22,38)	1:120:A:CYS:N	1:116:A:GLN:C	18	0.85
(22,32)	1:117:A:VAL:N	1:113:A:PHE:C	8	0.85
(22,30)	1:116:A:GLN:N	1:112:A:GLN:C	6	0.85
(22,30)	1:116:A:GLN:N	1:112:A:GLN:C	7	0.85
(22,29)	1:116:A:GLN:H	1:112:A:GLN:C	14	0.85
(22,26)	1:114:A:ILE:N	1:110:A:MET:C	2	0.85
(22,26)	1:114:A:ILE:N	1:110:A:MET:C	11	0.85
(22,26)	1:114:A:ILE:N	1:110:A:MET:C	12	0.85
(22,24)	1:113:A:PHE:N	1:109:A:PRO:C	17	0.85
(22,23)	1:113:A:PHE:H	1:109:A:PRO:C	2	0.85
(22,21)	1:107:A:LEU:H	1:103:A:ARG:C	14	0.85
(22,14)	1:60:A:LEU:N	1:56:A:CYS:C	15	0.85
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	13	0.85
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	13	0.85
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	13	0.85
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	13	0.85
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	13	0.85
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	13	0.85
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	13	0.85
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	13	0.85
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	13	0.85
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	13	0.85
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	13	0.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	13	0.85
(18,1946)	1:10:A:ASN:HD21	1:81:A:GLU:H	6	0.85
(18,1946)	1:10:A:ASN:HD22	1:81:A:GLU:H	6	0.85
(18,1946)	1:10:A:ASN:HD21	1:81:A:GLU:H	11	0.85
(18,1946)	1:10:A:ASN:HD22	1:81:A:GLU:H	11	0.85
(18,1939)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	4	0.85
(18,1939)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	4	0.85
(18,1939)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	4	0.85
(18,1939)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	4	0.85
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	10	0.85
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	10	0.85
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	10	0.85
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	10	0.85
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	10	0.85
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	10	0.85
(18,1749)	1:97:A:ASP:HA	1:105:A:LYS:HA	3	0.85
(18,1705)	1:79:A:THR:HG21	1:81:A:GLU:HB3	5	0.85
(18,1705)	1:79:A:THR:HG22	1:81:A:GLU:HB3	5	0.85
(18,1705)	1:79:A:THR:HG23	1:81:A:GLU:HB3	5	0.85
(18,1654)	1:16:A:SER:HB3	1:19:A:ALA:HB1	11	0.85
(18,1654)	1:16:A:SER:HB3	1:19:A:ALA:HB2	11	0.85
(18,1654)	1:16:A:SER:HB3	1:19:A:ALA:HB3	11	0.85
(18,1531)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	15	0.85
(18,1531)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	15	0.85
(18,1531)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	15	0.85
(18,1531)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	15	0.85
(18,1531)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	15	0.85
(18,1531)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	15	0.85
(18,869)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	1	0.85
(18,166)	1:95:A:ILE:H	1:95:A:ILE:HB	2	0.85
(18,107)	1:69:A:MET:H	1:69:A:MET:HE1	3	0.85
(18,107)	1:69:A:MET:H	1:69:A:MET:HE2	3	0.85
(18,107)	1:69:A:MET:H	1:69:A:MET:HE3	3	0.85
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG11	9	0.85
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG12	9	0.85
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG13	9	0.85
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG21	9	0.85
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG22	9	0.85
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG23	9	0.85
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG11	9	0.85
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG12	9	0.85
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG13	9	0.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG21	9	0.85
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG22	9	0.85
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG23	9	0.85
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	19	0.85
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	19	0.85
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	19	0.85
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	19	0.85
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	19	0.85
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	19	0.85
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	10	0.85
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	10	0.85
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	10	0.85
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	10	0.85
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	10	0.85
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	10	0.85
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE1	1	0.85
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE2	1	0.85
(17,1781)	1:97:A:ASP:HA	1:105:A:LYS:HA	3	0.85
(17,1684)	1:16:A:SER:HB3	1:19:A:ALA:HB1	11	0.85
(17,1684)	1:16:A:SER:HB3	1:19:A:ALA:HB2	11	0.85
(17,1684)	1:16:A:SER:HB3	1:19:A:ALA:HB3	11	0.85
(17,1050)	1:11:A:ILE:HA	1:14:A:VAL:HB	9	0.85
(17,1050)	1:11:A:ILE:HA	1:14:A:VAL:HB	19	0.85
(17,895)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	14	0.85
(17,895)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	14	0.85
(17,895)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	14	0.85
(17,599)	1:55:A:GLY:H	1:122:A:ASP:HB3	14	0.85
(17,320)	1:44:A:GLU:HG2	1:46:A:ASN:H	7	0.85
(16,2432)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	2	0.85
(16,2432)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	2	0.85
(16,2432)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	2	0.85
(16,2432)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	2	0.85
(16,2432)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	2	0.85
(16,2432)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	2	0.85
(16,2348)	1:113:A:PHE:H	1:116:A:GLN:HG2	1	0.85
(16,2348)	1:113:A:PHE:H	1:116:A:GLN:HG3	1	0.85
(16,2070)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	11	0.85
(16,2070)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	11	0.85
(16,2070)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	11	0.85
(16,2070)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	11	0.85
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD11	13	0.85
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD12	13	0.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD13	13	0.85
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD21	13	0.85
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD22	13	0.85
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD23	13	0.85
(16,1948)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	6	0.85
(16,1948)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	6	0.85
(16,1874)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	1	0.85
(16,1874)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	1	0.85
(16,1662)	1:16:A:SER:HB3	1:19:A:ALA:HB1	11	0.85
(16,1662)	1:16:A:SER:HB3	1:19:A:ALA:HB2	11	0.85
(16,1662)	1:16:A:SER:HB3	1:19:A:ALA:HB3	11	0.85
(16,1615)	1:31:A:PRO:HD3	1:80:A:TYR:HB3	12	0.85
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD21	15	0.85
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD22	15	0.85
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD23	15	0.85
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	6	0.85
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	6	0.85
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	6	0.85
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD11	12	0.85
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD12	12	0.85
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD13	12	0.85
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD11	12	0.85
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD12	12	0.85
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD13	12	0.85
(16,35)	1:95:A:ILE:HB	1:96:A:VAL:H	13	0.85
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG2	6	0.85
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG3	6	0.85
(15,2237)	1:70:A:LYS:HG2	1:71:A:LYS:H	8	0.85
(15,2237)	1:70:A:LYS:HG3	1:71:A:LYS:H	8	0.85
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	19	0.85
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	19	0.85
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	19	0.85
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	19	0.85
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	19	0.85
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	19	0.85
(15,1904)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	4	0.85
(15,1904)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	4	0.85
(15,1774)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	5	0.85
(15,1774)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	5	0.85
(15,1662)	1:16:A:SER:HB3	1:19:A:ALA:HB1	11	0.85
(15,1662)	1:16:A:SER:HB3	1:19:A:ALA:HB2	11	0.85
(15,1662)	1:16:A:SER:HB3	1:19:A:ALA:HB3	11	0.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1048)	1:11:A:ILE:HA	1:14:A:VAL:HB	9	0.85
(15,1048)	1:11:A:ILE:HA	1:14:A:VAL:HB	19	0.85
(15,997)	1:12:A:VAL:HB	1:43:A:MET:HE1	11	0.85
(15,997)	1:12:A:VAL:HB	1:43:A:MET:HE2	11	0.85
(15,997)	1:12:A:VAL:HB	1:43:A:MET:HE3	11	0.85
(15,887)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	14	0.85
(15,887)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	14	0.85
(15,887)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	14	0.85
(15,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	5	0.85
(15,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	5	0.85
(15,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	5	0.85
(15,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	5	0.85
(15,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	5	0.85
(15,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	5	0.85
(15,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	5	0.85
(15,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	5	0.85
(15,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	5	0.85
(15,675)	1:63:A:ILE:HG12	1:117:A:VAL:H	3	0.85
(15,487)	1:147:A:ARG:HD2	1:148:A:CYS:H	12	0.85
(15,487)	1:147:A:ARG:HD3	1:148:A:CYS:H	12	0.85
(15,12)	1:64:A:LYS:H	1:116:A:GLN:HG3	10	0.85
(13,2422)	1:136:A:CYS:HB2	1:149:A:ALA:H	7	0.85
(13,2422)	1:136:A:CYS:HB3	1:149:A:ALA:H	7	0.85
(13,2266)	1:98:A:ILE:H	1:104:A:PHE:HB2	16	0.85
(13,2266)	1:98:A:ILE:H	1:104:A:PHE:HB3	16	0.85
(13,2225)	1:70:A:LYS:HG2	1:71:A:LYS:H	5	0.85
(13,2225)	1:70:A:LYS:HG3	1:71:A:LYS:H	5	0.85
(13,2126)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	15	0.85
(13,2126)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	15	0.85
(13,2126)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	15	0.85
(13,2126)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	15	0.85
(13,2126)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	15	0.85
(13,2126)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	15	0.85
(13,2126)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	15	0.85
(13,2126)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	15	0.85
(13,2126)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	15	0.85
(13,2126)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	15	0.85
(13,2126)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	15	0.85
(13,2126)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	15	0.85
(13,2126)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	15	0.85
(13,2126)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	15	0.85
(13,2126)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	15	0.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2126)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	15	0.85
(13,2126)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	15	0.85
(13,2126)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	15	0.85
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	6	0.85
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	6	0.85
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	6	0.85
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	6	0.85
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	6	0.85
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	6	0.85
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	6	0.85
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	6	0.85
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	6	0.85
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	6	0.85
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	6	0.85
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	6	0.85
(13,1908)	1:10:A:ASN:HD21	1:80:A:TYR:HB3	12	0.85
(13,1908)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	12	0.85
(13,1823)	1:18:A:PHE:HA	1:113:A:PHE:HE1	1	0.85
(13,1823)	1:18:A:PHE:HA	1:113:A:PHE:HE2	1	0.85
(13,1783)	1:9:A:PHE:HZ	1:54:A:ARG:HA	18	0.85
(13,1635)	1:16:A:SER:HB3	1:19:A:ALA:HB1	11	0.85
(13,1635)	1:16:A:SER:HB3	1:19:A:ALA:HB2	11	0.85
(13,1635)	1:16:A:SER:HB3	1:19:A:ALA:HB3	11	0.85
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	19	0.85
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	19	0.85
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	19	0.85
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	19	0.85
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	19	0.85
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	19	0.85
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	19	0.85
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	19	0.85
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	19	0.85
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	5	0.85
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	5	0.85
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	5	0.85
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	5	0.85
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	5	0.85
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	5	0.85
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	5	0.85
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	5	0.85
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	5	0.85
(13,1431)	1:13:A:ALA:HB1	1:61:A:SER:HA	15	0.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1431)	1:13:A:ALA:HB2	1:61:A:SER:HA	15	0.85
(13,1431)	1:13:A:ALA:HB3	1:61:A:SER:HA	15	0.85
(13,1422)	1:31:A:PRO:HD2	1:144:A:LEU:HB3	17	0.85
(13,1315)	1:105:A:LYS:HG2	1:106:A:ASP:HA	2	0.85
(13,1028)	1:11:A:ILE:HA	1:14:A:VAL:HB	9	0.85
(13,1028)	1:11:A:ILE:HA	1:14:A:VAL:HB	19	0.85
(13,875)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	14	0.85
(13,875)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	14	0.85
(13,875)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	14	0.85
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD11	9	0.85
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD12	9	0.85
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD13	9	0.85
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD11	9	0.85
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD12	9	0.85
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD13	9	0.85
(13,683)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	10	0.85
(13,683)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	10	0.85
(11,2425)	1:137:A:SER:HB2	1:140:A:LEU:HB2	5	0.85
(11,2425)	1:137:A:SER:HB3	1:140:A:LEU:HB2	5	0.85
(11,2305)	1:98:A:ILE:H	1:104:A:PHE:HB2	16	0.85
(11,2305)	1:98:A:ILE:H	1:104:A:PHE:HB3	16	0.85
(11,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	16	0.85
(11,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	16	0.85
(11,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	16	0.85
(11,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	16	0.85
(11,2218)	1:60:A:LEU:HD11	1:61:A:SER:HB2	5	0.85
(11,2218)	1:60:A:LEU:HD11	1:61:A:SER:HB3	5	0.85
(11,2218)	1:60:A:LEU:HD12	1:61:A:SER:HB2	5	0.85
(11,2218)	1:60:A:LEU:HD12	1:61:A:SER:HB3	5	0.85
(11,2218)	1:60:A:LEU:HD13	1:61:A:SER:HB2	5	0.85
(11,2218)	1:60:A:LEU:HD13	1:61:A:SER:HB3	5	0.85
(11,2093)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	7	0.85
(11,2093)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	7	0.85
(11,2093)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	7	0.85
(11,2093)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	7	0.85
(11,2093)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	7	0.85
(11,2093)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	7	0.85
(11,2093)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	7	0.85
(11,2093)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	7	0.85
(11,2093)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	7	0.85
(11,2093)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	7	0.85
(11,2093)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	7	0.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2093)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	7	0.85
(11,2075)	1:32:A:GLY:HA2	1:81:A:GLU:H	10	0.85
(11,2075)	1:32:A:GLY:HA3	1:81:A:GLU:H	10	0.85
(11,1844)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	3	0.85
(11,1844)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	3	0.85
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	7	0.85
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	7	0.85
(11,1818)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	5	0.85
(11,1818)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	5	0.85
(11,1702)	1:16:A:SER:HB3	1:19:A:ALA:HB1	11	0.85
(11,1702)	1:16:A:SER:HB3	1:19:A:ALA:HB2	11	0.85
(11,1702)	1:16:A:SER:HB3	1:19:A:ALA:HB3	11	0.85
(11,1700)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	3	0.85
(11,1700)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	3	0.85
(11,1363)	1:105:A:LYS:HG2	1:106:A:ASP:HA	2	0.85
(11,974)	1:11:A:ILE:HG12	1:14:A:VAL:HB	3	0.85
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	9	0.85
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	9	0.85
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	9	0.85
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	9	0.85
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	9	0.85
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	9	0.85
(11,583)	1:128:A:LEU:HD11	1:130:A:GLY:H	14	0.85
(11,583)	1:128:A:LEU:HD12	1:130:A:GLY:H	14	0.85
(11,583)	1:128:A:LEU:HD13	1:130:A:GLY:H	14	0.85
(9,2428)	1:144:A:LEU:HB2	1:148:A:CYS:H	9	0.85
(9,2428)	1:144:A:LEU:HB3	1:148:A:CYS:H	9	0.85
(9,2059)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	18	0.85
(9,2059)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	18	0.85
(9,2059)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	18	0.85
(9,2059)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	18	0.85
(9,2059)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	18	0.85
(9,2059)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	18	0.85
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE1	1	0.85
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE2	1	0.85
(9,1704)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	19	0.85
(9,1704)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	19	0.85
(9,1704)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	19	0.85
(9,1692)	1:43:A:MET:HE1	1:131:A:LEU:HA	5	0.85
(9,1692)	1:43:A:MET:HE2	1:131:A:LEU:HA	5	0.85
(9,1692)	1:43:A:MET:HE3	1:131:A:LEU:HA	5	0.85
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE1	11	0.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE2	11	0.85
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE3	11	0.85
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE1	11	0.85
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE2	11	0.85
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE3	11	0.85
(9,1255)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	12	0.85
(9,1255)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	12	0.85
(9,1255)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	12	0.85
(9,1029)	1:11:A:ILE:HG12	1:43:A:MET:HB3	4	0.85
(9,890)	1:73:A:ILE:HB	1:76:A:ARG:HA	5	0.85
(9,332)	1:44:A:GLU:HG2	1:46:A:ASN:H	7	0.85
(9,322)	1:43:A:MET:H	1:140:A:LEU:HD11	19	0.85
(9,322)	1:43:A:MET:H	1:140:A:LEU:HD12	19	0.85
(9,322)	1:43:A:MET:H	1:140:A:LEU:HD13	19	0.85
(7,2269)	1:98:A:ILE:H	1:104:A:PHE:HB2	16	0.85
(7,2269)	1:98:A:ILE:H	1:104:A:PHE:HB3	16	0.85
(7,2251)	1:79:A:THR:HG21	1:81:A:GLU:HB2	1	0.85
(7,2251)	1:79:A:THR:HG21	1:81:A:GLU:HB3	1	0.85
(7,2251)	1:79:A:THR:HG22	1:81:A:GLU:HB2	1	0.85
(7,2251)	1:79:A:THR:HG22	1:81:A:GLU:HB3	1	0.85
(7,2251)	1:79:A:THR:HG23	1:81:A:GLU:HB2	1	0.85
(7,2251)	1:79:A:THR:HG23	1:81:A:GLU:HB3	1	0.85
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD1	9	0.85
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD2	9	0.85
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD1	9	0.85
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD2	9	0.85
(7,2050)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	18	0.85
(7,2050)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	18	0.85
(7,2050)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	18	0.85
(7,2050)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	18	0.85
(7,2050)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	18	0.85
(7,2050)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	18	0.85
(7,1785)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	1	0.85
(7,1785)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	1	0.85
(7,1785)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	1	0.85
(7,1785)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	1	0.85
(7,1785)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	1	0.85
(7,1785)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	1	0.85
(7,1782)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	3	0.85
(7,1782)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	3	0.85
(7,1666)	1:43:A:MET:HE1	1:131:A:LEU:HA	1	0.85
(7,1666)	1:43:A:MET:HE2	1:131:A:LEU:HA	1	0.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1666)	1:43:A:MET:HE3	1:131:A:LEU:HA	1	0.85
(7,1156)	1:27:A:ARG:HB3	1:30:A:LEU:HD21	3	0.85
(7,1156)	1:27:A:ARG:HB3	1:30:A:LEU:HD22	3	0.85
(7,1156)	1:27:A:ARG:HB3	1:30:A:LEU:HD23	3	0.85
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	13	0.85
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	13	0.85
(7,973)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	2	0.85
(7,973)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	2	0.85
(7,877)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	14	0.85
(7,877)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	14	0.85
(7,877)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	14	0.85
(7,788)	1:8:A:ASP:H	1:58:A:ILE:HD11	12	0.85
(7,788)	1:8:A:ASP:H	1:58:A:ILE:HD12	12	0.85
(7,788)	1:8:A:ASP:H	1:58:A:ILE:HD13	12	0.85
(7,319)	1:44:A:GLU:HG2	1:46:A:ASN:H	7	0.85
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG2	6	0.85
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG3	6	0.85
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	3	0.85
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	3	0.85
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	3	0.85
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	3	0.85
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	3	0.85
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	3	0.85
(6,1958)	1:10:A:ASN:HD21	1:81:A:GLU:H	6	0.85
(6,1958)	1:10:A:ASN:HD22	1:81:A:GLU:H	6	0.85
(6,1958)	1:10:A:ASN:HD21	1:81:A:GLU:H	11	0.85
(6,1958)	1:10:A:ASN:HD22	1:81:A:GLU:H	11	0.85
(6,1911)	1:18:A:PHE:HA	1:113:A:PHE:HE1	13	0.85
(6,1911)	1:18:A:PHE:HA	1:113:A:PHE:HE2	13	0.85
(6,1771)	1:97:A:ASP:HA	1:105:A:LYS:HA	3	0.85
(6,1713)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	19	0.85
(6,1713)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	19	0.85
(6,1713)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	19	0.85
(6,1699)	1:43:A:MET:HE1	1:131:A:LEU:HA	1	0.85
(6,1699)	1:43:A:MET:HE2	1:131:A:LEU:HA	1	0.85
(6,1699)	1:43:A:MET:HE3	1:131:A:LEU:HA	1	0.85
(6,1668)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	3	0.85
(6,1668)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	3	0.85
(6,1289)	1:14:A:VAL:HG11	1:61:A:SER:HA	12	0.85
(6,1289)	1:14:A:VAL:HG12	1:61:A:SER:HA	12	0.85
(6,1289)	1:14:A:VAL:HG13	1:61:A:SER:HA	12	0.85
(6,882)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	14	0.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,882)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	14	0.85
(6,882)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	14	0.85
(6,869)	1:14:A:VAL:HA	1:18:A:PHE:HB2	7	0.85
(6,701)	1:23:A:LEU:HB2	1:27:A:ARG:HE	3	0.85
(6,701)	1:23:A:LEU:HB3	1:27:A:ARG:HE	3	0.85
(6,320)	1:44:A:GLU:HG2	1:46:A:ASN:H	7	0.85
(6,310)	1:43:A:MET:H	1:140:A:LEU:HD11	19	0.85
(6,310)	1:43:A:MET:H	1:140:A:LEU:HD12	19	0.85
(6,310)	1:43:A:MET:H	1:140:A:LEU:HD13	19	0.85
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG11	19	0.85
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG12	19	0.85
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG13	19	0.85
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG21	19	0.85
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG22	19	0.85
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG23	19	0.85
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG11	19	0.85
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG12	19	0.85
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG13	19	0.85
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG21	19	0.85
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG22	19	0.85
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG23	19	0.85
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG21	12	0.85
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG22	12	0.85
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG23	12	0.85
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG21	12	0.85
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG22	12	0.85
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG23	12	0.85
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG21	12	0.85
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG22	12	0.85
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG23	12	0.85
(5,1689)	1:16:A:SER:HB3	1:19:A:ALA:HB1	11	0.85
(5,1689)	1:16:A:SER:HB3	1:19:A:ALA:HB2	11	0.85
(5,1689)	1:16:A:SER:HB3	1:19:A:ALA:HB3	11	0.85
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD11	6	0.85
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD12	6	0.85
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD13	6	0.85
(5,1361)	1:105:A:LYS:HG2	1:106:A:ASP:HA	2	0.85
(5,1296)	1:14:A:VAL:HG21	1:60:A:LEU:H	9	0.85
(5,1296)	1:14:A:VAL:HG22	1:60:A:LEU:H	9	0.85
(5,1296)	1:14:A:VAL:HG23	1:60:A:LEU:H	9	0.85
(5,994)	1:35:A:LEU:HG	1:143:A:TRP:HB3	18	0.85
(5,882)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	14	0.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,882)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	14	0.85
(5,882)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	14	0.85
(5,620)	1:67:A:PRO:HD2	1:96:A:VAL:H	7	0.85
(5,229)	1:10:A:ASN:H	1:14:A:VAL:HG21	19	0.85
(5,229)	1:10:A:ASN:H	1:14:A:VAL:HG22	19	0.85
(5,229)	1:10:A:ASN:H	1:14:A:VAL:HG23	19	0.85
(5,228)	1:112:A:GLN:HG2	1:114:A:ILE:H	7	0.85
(5,228)	1:112:A:GLN:HG3	1:114:A:ILE:H	7	0.85
(5,228)	1:112:A:GLN:HG2	1:114:A:ILE:H	9	0.85
(5,228)	1:112:A:GLN:HG3	1:114:A:ILE:H	9	0.85
(4,2432)	1:136:A:CYS:HB2	1:141:A:LYS:HA	2	0.85
(4,2432)	1:136:A:CYS:HB3	1:141:A:LYS:HA	2	0.85
(4,2429)	1:134:A:VAL:HG11	1:137:A:SER:HB2	10	0.85
(4,2429)	1:134:A:VAL:HG11	1:137:A:SER:HB3	10	0.85
(4,2429)	1:134:A:VAL:HG12	1:137:A:SER:HB2	10	0.85
(4,2429)	1:134:A:VAL:HG12	1:137:A:SER:HB3	10	0.85
(4,2429)	1:134:A:VAL:HG13	1:137:A:SER:HB2	10	0.85
(4,2429)	1:134:A:VAL:HG13	1:137:A:SER:HB3	10	0.85
(4,2429)	1:134:A:VAL:HG21	1:137:A:SER:HB2	10	0.85
(4,2429)	1:134:A:VAL:HG21	1:137:A:SER:HB3	10	0.85
(4,2429)	1:134:A:VAL:HG22	1:137:A:SER:HB2	10	0.85
(4,2429)	1:134:A:VAL:HG22	1:137:A:SER:HB3	10	0.85
(4,2429)	1:134:A:VAL:HG23	1:137:A:SER:HB2	10	0.85
(4,2429)	1:134:A:VAL:HG23	1:137:A:SER:HB3	10	0.85
(4,2199)	1:60:A:LEU:HD11	1:120:A:CYS:HA	16	0.85
(4,2199)	1:60:A:LEU:HD12	1:120:A:CYS:HA	16	0.85
(4,2199)	1:60:A:LEU:HD13	1:120:A:CYS:HA	16	0.85
(4,2199)	1:60:A:LEU:HD21	1:120:A:CYS:HA	16	0.85
(4,2199)	1:60:A:LEU:HD22	1:120:A:CYS:HA	16	0.85
(4,2199)	1:60:A:LEU:HD23	1:120:A:CYS:HA	16	0.85
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	7	0.85
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	7	0.85
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	7	0.85
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	7	0.85
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	7	0.85
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	7	0.85
(4,1929)	1:10:A:ASN:HD21	1:81:A:GLU:H	6	0.85
(4,1929)	1:10:A:ASN:HD22	1:81:A:GLU:H	6	0.85
(4,1929)	1:10:A:ASN:HD21	1:81:A:GLU:H	11	0.85
(4,1929)	1:10:A:ASN:HD22	1:81:A:GLU:H	11	0.85
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	17	0.85
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	17	0.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	17	0.85
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD21	17	0.85
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD22	17	0.85
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD23	17	0.85
(4,1843)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	19	0.85
(4,1843)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	19	0.85
(4,1689)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	19	0.85
(4,1689)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	19	0.85
(4,1689)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	19	0.85
(4,1677)	1:43:A:MET:HE1	1:131:A:LEU:HA	1	0.85
(4,1677)	1:43:A:MET:HE2	1:131:A:LEU:HA	1	0.85
(4,1677)	1:43:A:MET:HE3	1:131:A:LEU:HA	1	0.85
(4,1645)	1:16:A:SER:HB3	1:19:A:ALA:HB1	11	0.85
(4,1645)	1:16:A:SER:HB3	1:19:A:ALA:HB2	11	0.85
(4,1645)	1:16:A:SER:HB3	1:19:A:ALA:HB3	11	0.85
(4,1545)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	11	0.85
(4,1545)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	11	0.85
(4,1545)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	11	0.85
(4,1515)	1:69:A:MET:HE1	1:76:A:ARG:HG2	4	0.85
(4,1515)	1:69:A:MET:HE1	1:76:A:ARG:HG3	4	0.85
(4,1515)	1:69:A:MET:HE2	1:76:A:ARG:HG2	4	0.85
(4,1515)	1:69:A:MET:HE2	1:76:A:ARG:HG3	4	0.85
(4,1515)	1:69:A:MET:HE3	1:76:A:ARG:HG2	4	0.85
(4,1515)	1:69:A:MET:HE3	1:76:A:ARG:HG3	4	0.85
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE1	7	0.85
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE2	7	0.85
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE3	7	0.85
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE1	7	0.85
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE2	7	0.85
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE3	7	0.85
(3,2087)	1:32:A:GLY:HA2	1:81:A:GLU:H	13	0.85
(3,2087)	1:32:A:GLY:HA3	1:81:A:GLU:H	13	0.85
(3,1974)	1:10:A:ASN:HD21	1:81:A:GLU:H	6	0.85
(3,1974)	1:10:A:ASN:HD22	1:81:A:GLU:H	6	0.85
(3,1974)	1:10:A:ASN:HD21	1:81:A:GLU:H	11	0.85
(3,1974)	1:10:A:ASN:HD22	1:81:A:GLU:H	11	0.85
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	10	0.85
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	10	0.85
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	10	0.85
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	10	0.85
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	10	0.85
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	10	0.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1798)	1:97:A:ASP:HA	1:105:A:LYS:HA	3	0.85
(3,1743)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	19	0.85
(3,1743)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	19	0.85
(3,1743)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	19	0.85
(3,1729)	1:43:A:MET:HE1	1:131:A:LEU:HA	1	0.85
(3,1729)	1:43:A:MET:HE2	1:131:A:LEU:HA	1	0.85
(3,1729)	1:43:A:MET:HE3	1:131:A:LEU:HA	1	0.85
(3,1594)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	13	0.85
(3,1594)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	13	0.85
(3,1594)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	13	0.85
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE1	11	0.85
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE2	11	0.85
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE3	11	0.85
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE1	11	0.85
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE2	11	0.85
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE3	11	0.85
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG21	3	0.85
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG22	3	0.85
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG23	3	0.85
(3,1249)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	16	0.85
(3,1249)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	16	0.85
(3,1249)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	16	0.85
(3,1213)	1:11:A:ILE:HA	1:40:A:LEU:HD11	2	0.85
(3,1213)	1:11:A:ILE:HA	1:40:A:LEU:HD12	2	0.85
(3,1213)	1:11:A:ILE:HA	1:40:A:LEU:HD13	2	0.85
(3,1194)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	7	0.85
(3,1194)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	7	0.85
(3,1194)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	7	0.85
(3,1194)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	7	0.85
(3,1194)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	7	0.85
(3,1194)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	7	0.85
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	9	0.85
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	9	0.85
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	9	0.85
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	9	0.85
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	9	0.85
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	9	0.85
(3,877)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	6	0.85
(3,877)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	6	0.85
(3,848)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	19	0.85
(3,848)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	19	0.85
(3,848)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	19	0.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,848)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	19	0.85
(3,848)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	19	0.85
(3,848)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	19	0.85
(3,836)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	5	0.85
(3,836)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	5	0.85
(3,836)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	5	0.85
(3,836)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	5	0.85
(3,836)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	5	0.85
(3,836)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	5	0.85
(3,836)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	5	0.85
(3,836)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	5	0.85
(3,836)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	5	0.85
(3,325)	1:44:A:GLU:HG2	1:46:A:ASN:H	7	0.85
(2,1993)	1:12:A:VAL:HG11	1:43:A:MET:H	5	0.85
(2,1993)	1:12:A:VAL:HG12	1:43:A:MET:H	5	0.85
(2,1993)	1:12:A:VAL:HG13	1:43:A:MET:H	5	0.85
(2,1993)	1:12:A:VAL:HG21	1:43:A:MET:H	5	0.85
(2,1993)	1:12:A:VAL:HG22	1:43:A:MET:H	5	0.85
(2,1993)	1:12:A:VAL:HG23	1:43:A:MET:H	5	0.85
(2,1979)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	6	0.85
(2,1979)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	6	0.85
(2,1898)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	6	0.85
(2,1898)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	6	0.85
(2,1898)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	6	0.85
(2,1898)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	6	0.85
(2,1898)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	6	0.85
(2,1898)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	6	0.85
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD21	6	0.85
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD22	6	0.85
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD23	6	0.85
(2,1685)	1:16:A:SER:HB3	1:19:A:ALA:HB1	11	0.85
(2,1685)	1:16:A:SER:HB3	1:19:A:ALA:HB2	11	0.85
(2,1685)	1:16:A:SER:HB3	1:19:A:ALA:HB3	11	0.85
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG21	9	0.85
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG22	9	0.85
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG23	9	0.85
(2,1365)	1:118:A:ASP:HA	1:121:A:VAL:HG11	16	0.85
(2,1365)	1:118:A:ASP:HA	1:121:A:VAL:HG12	16	0.85
(2,1365)	1:118:A:ASP:HA	1:121:A:VAL:HG13	16	0.85
(2,886)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	14	0.85
(2,886)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	14	0.85
(2,886)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	14	0.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,696)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	10	0.85
(2,696)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	10	0.85
(2,92)	1:95:A:ILE:HG21	1:97:A:ASP:H	4	0.85
(2,92)	1:95:A:ILE:HG22	1:97:A:ASP:H	4	0.85
(2,92)	1:95:A:ILE:HG23	1:97:A:ASP:H	4	0.85
(1,2253)	1:79:A:THR:HG21	1:81:A:GLU:HB2	5	0.85
(1,2253)	1:79:A:THR:HG21	1:81:A:GLU:HB3	5	0.85
(1,2253)	1:79:A:THR:HG22	1:81:A:GLU:HB2	5	0.85
(1,2253)	1:79:A:THR:HG22	1:81:A:GLU:HB3	5	0.85
(1,2253)	1:79:A:THR:HG23	1:81:A:GLU:HB2	5	0.85
(1,2253)	1:79:A:THR:HG23	1:81:A:GLU:HB3	5	0.85
(1,1917)	1:63:A:ILE:HB	1:113:A:PHE:HD1	17	0.85
(1,1917)	1:63:A:ILE:HB	1:113:A:PHE:HD2	17	0.85
(1,1591)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	14	0.85
(1,1591)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	14	0.85
(1,1591)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	14	0.85
(1,1515)	1:40:A:LEU:HA	1:43:A:MET:HE1	9	0.85
(1,1515)	1:40:A:LEU:HA	1:43:A:MET:HE2	9	0.85
(1,1515)	1:40:A:LEU:HA	1:43:A:MET:HE3	9	0.85
(1,908)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	14	0.85
(1,908)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	14	0.85
(1,908)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	14	0.85
(1,876)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	1	0.85
(1,837)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	5	0.85
(1,837)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	5	0.85
(1,837)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	5	0.85
(1,837)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	5	0.85
(1,837)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	5	0.85
(1,837)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	5	0.85
(1,837)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	5	0.85
(1,837)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	5	0.85
(1,837)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	5	0.85
(1,783)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	12	0.85
(1,783)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	12	0.85
(1,783)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	12	0.85
(1,705)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	10	0.85
(1,705)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	10	0.85
(34,2207)	1:60:A:LEU:HG	1:61:A:SER:HB2	8	0.84
(34,2207)	1:60:A:LEU:HG	1:61:A:SER:HB3	8	0.84
(34,2207)	1:60:A:LEU:HG	1:61:A:SER:HB2	16	0.84
(34,2207)	1:60:A:LEU:HG	1:61:A:SER:HB3	16	0.84
(34,2023)	1:18:A:PHE:HA	1:117:A:VAL:HG11	19	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2023)	1:18:A:PHE:HA	1:117:A:VAL:HG12	19	0.84
(34,2023)	1:18:A:PHE:HA	1:117:A:VAL:HG13	19	0.84
(34,2023)	1:18:A:PHE:HA	1:117:A:VAL:HG21	19	0.84
(34,2023)	1:18:A:PHE:HA	1:117:A:VAL:HG22	19	0.84
(34,2023)	1:18:A:PHE:HA	1:117:A:VAL:HG23	19	0.84
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	18	0.84
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	18	0.84
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	18	0.84
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	18	0.84
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	18	0.84
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	18	0.84
(34,1919)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	17	0.84
(34,1919)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	17	0.84
(34,1919)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	17	0.84
(34,1919)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	17	0.84
(34,1919)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	17	0.84
(34,1919)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	17	0.84
(34,1775)	1:97:A:ASP:HA	1:105:A:LYS:HG3	8	0.84
(34,1697)	1:69:A:MET:HG3	1:109:A:PRO:HA	5	0.84
(34,1642)	1:34:A:LYS:H	1:80:A:TYR:HA	1	0.84
(34,1180)	1:13:A:ALA:HB1	1:80:A:TYR:HA	14	0.84
(34,1180)	1:13:A:ALA:HB2	1:80:A:TYR:HA	14	0.84
(34,1180)	1:13:A:ALA:HB3	1:80:A:TYR:HA	14	0.84
(34,1070)	1:11:A:ILE:HA	1:14:A:VAL:HB	9	0.84
(34,1070)	1:11:A:ILE:HA	1:14:A:VAL:HB	19	0.84
(34,1002)	1:47:A:ALA:HB1	1:134:A:VAL:HB	11	0.84
(34,1002)	1:47:A:ALA:HB2	1:134:A:VAL:HB	11	0.84
(34,1002)	1:47:A:ALA:HB3	1:134:A:VAL:HB	11	0.84
(34,505)	1:97:A:ASP:HB2	1:105:A:LYS:H	5	0.84
(34,505)	1:97:A:ASP:HB3	1:105:A:LYS:H	5	0.84
(33,2496)	1:144:A:LEU:HD11	1:147:A:ARG:H	3	0.84
(33,2496)	1:144:A:LEU:HD12	1:147:A:ARG:H	3	0.84
(33,2496)	1:144:A:LEU:HD13	1:147:A:ARG:H	3	0.84
(33,2496)	1:144:A:LEU:HD21	1:147:A:ARG:H	3	0.84
(33,2496)	1:144:A:LEU:HD22	1:147:A:ARG:H	3	0.84
(33,2496)	1:144:A:LEU:HD23	1:147:A:ARG:H	3	0.84
(33,2068)	1:32:A:GLY:HA2	1:34:A:LYS:H	6	0.84
(33,2068)	1:32:A:GLY:HA3	1:34:A:LYS:H	6	0.84
(33,1944)	1:10:A:ASN:HD21	1:81:A:GLU:H	10	0.84
(33,1944)	1:10:A:ASN:HD22	1:81:A:GLU:H	10	0.84
(33,1913)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	2	0.84
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	16	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	16	0.84
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	16	0.84
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD21	2	0.84
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD22	2	0.84
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD23	2	0.84
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD21	3	0.84
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD22	3	0.84
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD23	3	0.84
(33,1576)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	8	0.84
(33,1576)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	8	0.84
(33,1576)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	8	0.84
(33,1576)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	8	0.84
(33,1576)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	8	0.84
(33,1576)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	8	0.84
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE1	14	0.84
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE2	14	0.84
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE3	14	0.84
(33,1056)	1:43:A:MET:HB2	1:140:A:LEU:HG	13	0.84
(33,742)	1:105:A:LYS:HG3	1:112:A:GLN:HE22	19	0.84
(32,2391)	1:125:A:THR:HA	1:127:A:CYS:HB2	2	0.84
(32,2391)	1:125:A:THR:HA	1:127:A:CYS:HB3	2	0.84
(32,2329)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	10	0.84
(32,2329)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	10	0.84
(32,2329)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	10	0.84
(32,2329)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	10	0.84
(32,2329)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	10	0.84
(32,2329)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	10	0.84
(32,2329)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	10	0.84
(32,2329)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	10	0.84
(32,2329)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	10	0.84
(32,2329)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	10	0.84
(32,2329)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	10	0.84
(32,2329)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	10	0.84
(32,2142)	1:44:A:GLU:HG2	1:45:A:ALA:H	10	0.84
(32,2142)	1:44:A:GLU:HG3	1:45:A:ALA:H	10	0.84
(32,1981)	1:17:A:ASN:HB2	1:76:A:ARG:HA	10	0.84
(32,1981)	1:17:A:ASN:HB3	1:76:A:ARG:HA	10	0.84
(32,1913)	1:10:A:ASN:HD21	1:81:A:GLU:H	10	0.84
(32,1913)	1:10:A:ASN:HD22	1:81:A:GLU:H	10	0.84
(32,1877)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	5	0.84
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	2	0.84
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	2	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	2	0.84
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	2	0.84
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	2	0.84
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	2	0.84
(32,1761)	1:9:A:PHE:HD1	1:11:A:ILE:HB	10	0.84
(32,1761)	1:9:A:PHE:HD2	1:11:A:ILE:HB	10	0.84
(32,1357)	1:19:A:ALA:HB1	1:132:A:ALA:HA	18	0.84
(32,1357)	1:19:A:ALA:HB2	1:132:A:ALA:HA	18	0.84
(32,1357)	1:19:A:ALA:HB3	1:132:A:ALA:HA	18	0.84
(32,1116)	1:13:A:ALA:HB1	1:80:A:TYR:HA	14	0.84
(32,1116)	1:13:A:ALA:HB2	1:80:A:TYR:HA	14	0.84
(32,1116)	1:13:A:ALA:HB3	1:80:A:TYR:HA	14	0.84
(32,1039)	1:54:A:ARG:HA	1:58:A:ILE:HG13	18	0.84
(30,2257)	1:70:A:LYS:HG2	1:71:A:LYS:H	8	0.84
(30,2257)	1:70:A:LYS:HG3	1:71:A:LYS:H	8	0.84
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	1	0.84
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	1	0.84
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	1	0.84
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	1	0.84
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	1	0.84
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	1	0.84
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	12	0.84
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	12	0.84
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	12	0.84
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	12	0.84
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	12	0.84
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	12	0.84
(30,2060)	1:31:A:PRO:HD2	1:143:A:TRP:HA	16	0.84
(30,2060)	1:31:A:PRO:HD3	1:143:A:TRP:HA	16	0.84
(30,1901)	1:63:A:ILE:HB	1:113:A:PHE:HD1	17	0.84
(30,1901)	1:63:A:ILE:HB	1:113:A:PHE:HD2	17	0.84
(30,1857)	1:9:A:PHE:HZ	1:11:A:ILE:HA	16	0.84
(30,1590)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	8	0.84
(30,1590)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	8	0.84
(30,1590)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	8	0.84
(30,1590)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	8	0.84
(30,1590)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	8	0.84
(30,1590)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	8	0.84
(30,1242)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	15	0.84
(30,1242)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	15	0.84
(30,1242)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	15	0.84
(30,1242)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	15	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1242)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	15	0.84
(30,1242)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	15	0.84
(30,1090)	1:53:A:THR:HA	1:54:A:ARG:HB2	11	0.84
(30,989)	1:35:A:LEU:HG	1:143:A:TRP:HB3	14	0.84
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	3	0.84
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	3	0.84
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	3	0.84
(30,116)	1:22:A:ASP:H	1:23:A:LEU:HB2	11	0.84
(30,116)	1:22:A:ASP:H	1:23:A:LEU:HB3	11	0.84
(29,2442)	1:144:A:LEU:HD11	1:147:A:ARG:H	3	0.84
(29,2442)	1:144:A:LEU:HD12	1:147:A:ARG:H	3	0.84
(29,2442)	1:144:A:LEU:HD13	1:147:A:ARG:H	3	0.84
(29,2442)	1:144:A:LEU:HD21	1:147:A:ARG:H	3	0.84
(29,2442)	1:144:A:LEU:HD22	1:147:A:ARG:H	3	0.84
(29,2442)	1:144:A:LEU:HD23	1:147:A:ARG:H	3	0.84
(29,1955)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	18	0.84
(29,1955)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	18	0.84
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	2	0.84
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	2	0.84
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	2	0.84
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	2	0.84
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	2	0.84
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	2	0.84
(29,1884)	1:9:A:PHE:HE1	1:58:A:ILE:HG12	7	0.84
(29,1884)	1:9:A:PHE:HE2	1:58:A:ILE:HG12	7	0.84
(29,1166)	1:13:A:ALA:HB1	1:80:A:TYR:HA	14	0.84
(29,1166)	1:13:A:ALA:HB2	1:80:A:TYR:HA	14	0.84
(29,1166)	1:13:A:ALA:HB3	1:80:A:TYR:HA	14	0.84
(29,1057)	1:11:A:ILE:HA	1:14:A:VAL:HB	9	0.84
(29,1057)	1:11:A:ILE:HA	1:14:A:VAL:HB	19	0.84
(29,847)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	13	0.84
(29,847)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	13	0.84
(29,847)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	13	0.84
(29,847)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	13	0.84
(29,847)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	13	0.84
(29,847)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	13	0.84
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	3	0.84
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	3	0.84
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	3	0.84
(29,119)	1:22:A:ASP:H	1:23:A:LEU:HB2	11	0.84
(29,119)	1:22:A:ASP:H	1:23:A:LEU:HB3	11	0.84
(22,41)	1:129:A:LYS:H	1:125:A:THR:C	17	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(22,41)	1:129:A:LYS:H	1:125:A:THR:C	18	0.84
(22,38)	1:120:A:CYS:N	1:116:A:GLN:C	1	0.84
(22,38)	1:120:A:CYS:N	1:116:A:GLN:C	11	0.84
(22,38)	1:120:A:CYS:N	1:116:A:GLN:C	16	0.84
(22,38)	1:120:A:CYS:N	1:116:A:GLN:C	19	0.84
(22,37)	1:120:A:CYS:H	1:116:A:GLN:C	12	0.84
(22,32)	1:117:A:VAL:N	1:113:A:PHE:C	7	0.84
(22,32)	1:117:A:VAL:N	1:113:A:PHE:C	19	0.84
(22,31)	1:117:A:VAL:H	1:113:A:PHE:C	14	0.84
(22,30)	1:116:A:GLN:N	1:112:A:GLN:C	9	0.84
(22,30)	1:116:A:GLN:N	1:112:A:GLN:C	18	0.84
(22,29)	1:116:A:GLN:H	1:112:A:GLN:C	5	0.84
(22,29)	1:116:A:GLN:H	1:112:A:GLN:C	10	0.84
(22,29)	1:116:A:GLN:H	1:112:A:GLN:C	12	0.84
(22,26)	1:114:A:ILE:N	1:110:A:MET:C	6	0.84
(22,26)	1:114:A:ILE:N	1:110:A:MET:C	13	0.84
(22,25)	1:114:A:ILE:H	1:110:A:MET:C	1	0.84
(22,24)	1:113:A:PHE:N	1:109:A:PRO:C	1	0.84
(22,23)	1:113:A:PHE:H	1:109:A:PRO:C	4	0.84
(22,23)	1:113:A:PHE:H	1:109:A:PRO:C	9	0.84
(22,21)	1:107:A:LEU:H	1:103:A:ARG:C	2	0.84
(22,13)	1:60:A:LEU:H	1:56:A:CYS:C	10	0.84
(20,9)	1:56:A:CYS:SG	1:127:A:CYS:SG	8	0.84
(20,5)	1:52:A:CYS:SG	1:127:A:CYS:SG	11	0.84
(18,2373)	1:125:A:THR:HA	1:127:A:CYS:HB2	2	0.84
(18,2373)	1:125:A:THR:HA	1:127:A:CYS:HB3	2	0.84
(18,2151)	1:44:A:GLU:HG2	1:45:A:ALA:H	10	0.84
(18,2151)	1:44:A:GLU:HG3	1:45:A:ALA:H	10	0.84
(18,1946)	1:10:A:ASN:HD21	1:81:A:GLU:H	10	0.84
(18,1946)	1:10:A:ASN:HD22	1:81:A:GLU:H	10	0.84
(18,1843)	1:9:A:PHE:HZ	1:11:A:ILE:HA	16	0.84
(18,1835)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	2	0.84
(18,1835)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	2	0.84
(18,1835)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	2	0.84
(18,1835)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	2	0.84
(18,1749)	1:97:A:ASP:HA	1:105:A:LYS:HA	16	0.84
(18,1633)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	7	0.84
(18,1633)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	7	0.84
(18,1633)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	7	0.84
(18,1615)	1:34:A:LYS:H	1:80:A:TYR:HA	1	0.84
(18,1352)	1:118:A:ASP:HA	1:121:A:VAL:HG11	16	0.84
(18,1352)	1:118:A:ASP:HA	1:121:A:VAL:HG12	16	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1352)	1:118:A:ASP:HA	1:121:A:VAL:HG13	16	0.84
(18,1082)	1:54:A:ARG:HA	1:58:A:ILE:HG13	18	0.84
(18,982)	1:68:A:LYS:HG2	1:109:A:PRO:HB2	6	0.84
(18,982)	1:68:A:LYS:HG2	1:109:A:PRO:HB3	6	0.84
(18,982)	1:68:A:LYS:HG3	1:109:A:PRO:HB2	6	0.84
(18,982)	1:68:A:LYS:HG3	1:109:A:PRO:HB3	6	0.84
(18,720)	1:23:A:LEU:HD21	1:27:A:ARG:HE	6	0.84
(18,720)	1:23:A:LEU:HD22	1:27:A:ARG:HE	6	0.84
(18,720)	1:23:A:LEU:HD23	1:27:A:ARG:HE	6	0.84
(18,720)	1:23:A:LEU:HD21	1:27:A:ARG:HE	12	0.84
(18,720)	1:23:A:LEU:HD22	1:27:A:ARG:HE	12	0.84
(18,720)	1:23:A:LEU:HD23	1:27:A:ARG:HE	12	0.84
(18,671)	1:101:A:ILE:HB	1:103:A:ARG:H	13	0.84
(18,509)	1:97:A:ASP:HB2	1:105:A:LYS:H	5	0.84
(18,509)	1:97:A:ASP:HB3	1:105:A:LYS:H	5	0.84
(17,2480)	1:144:A:LEU:HD11	1:147:A:ARG:H	3	0.84
(17,2480)	1:144:A:LEU:HD12	1:147:A:ARG:H	3	0.84
(17,2480)	1:144:A:LEU:HD13	1:147:A:ARG:H	3	0.84
(17,2480)	1:144:A:LEU:HD21	1:147:A:ARG:H	3	0.84
(17,2480)	1:144:A:LEU:HD22	1:147:A:ARG:H	3	0.84
(17,2480)	1:144:A:LEU:HD23	1:147:A:ARG:H	3	0.84
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG11	3	0.84
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG12	3	0.84
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG13	3	0.84
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG21	3	0.84
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG22	3	0.84
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG23	3	0.84
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG11	19	0.84
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG12	19	0.84
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG13	19	0.84
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG21	19	0.84
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG22	19	0.84
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG23	19	0.84
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD11	1	0.84
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD12	1	0.84
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD13	1	0.84
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD21	1	0.84
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD22	1	0.84
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD23	1	0.84
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD11	1	0.84
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD12	1	0.84
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD13	1	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD21	1	0.84
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD22	1	0.84
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD23	1	0.84
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD11	1	0.84
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD12	1	0.84
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD13	1	0.84
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD21	1	0.84
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD22	1	0.84
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD23	1	0.84
(17,1929)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	2	0.84
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	2	0.84
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	2	0.84
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	2	0.84
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	2	0.84
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	2	0.84
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	2	0.84
(17,1863)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	2	0.84
(17,1863)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	2	0.84
(17,1863)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	2	0.84
(17,1863)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	2	0.84
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	19	0.84
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	19	0.84
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	19	0.84
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	19	0.84
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	19	0.84
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	19	0.84
(17,1781)	1:97:A:ASP:HA	1:105:A:LYS:HA	16	0.84
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	2	0.84
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	2	0.84
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	2	0.84
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	2	0.84
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	2	0.84
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	2	0.84
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	2	0.84
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	2	0.84
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	2	0.84
(17,1604)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	8	0.84
(17,1604)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	8	0.84
(17,1604)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	8	0.84
(17,1604)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	8	0.84
(17,1604)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	8	0.84
(17,1604)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	8	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1496)	1:45:A:ALA:HB1	1:49:A:LYS:HB2	7	0.84
(17,1496)	1:45:A:ALA:HB1	1:49:A:LYS:HB3	7	0.84
(17,1496)	1:45:A:ALA:HB2	1:49:A:LYS:HB2	7	0.84
(17,1496)	1:45:A:ALA:HB2	1:49:A:LYS:HB3	7	0.84
(17,1496)	1:45:A:ALA:HB3	1:49:A:LYS:HB2	7	0.84
(17,1496)	1:45:A:ALA:HB3	1:49:A:LYS:HB3	7	0.84
(17,1269)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	7	0.84
(17,1269)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	7	0.84
(17,1269)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	7	0.84
(17,931)	1:125:A:THR:HB	1:128:A:LEU:HG	2	0.84
(17,845)	1:48:A:ARG:HD2	1:49:A:LYS:HA	4	0.84
(17,845)	1:48:A:ARG:HD3	1:49:A:LYS:HA	4	0.84
(17,842)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	15	0.84
(17,842)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	15	0.84
(17,842)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	15	0.84
(17,842)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	15	0.84
(17,842)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	15	0.84
(17,842)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	15	0.84
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	3	0.84
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	3	0.84
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	3	0.84
(17,488)	1:97:A:ASP:HB2	1:105:A:LYS:H	5	0.84
(17,488)	1:97:A:ASP:HB3	1:105:A:LYS:H	5	0.84
(17,475)	1:147:A:ARG:HD2	1:148:A:CYS:H	17	0.84
(17,475)	1:147:A:ARG:HD3	1:148:A:CYS:H	17	0.84
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	10	0.84
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	10	0.84
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	10	0.84
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	10	0.84
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	10	0.84
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	10	0.84
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	10	0.84
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	10	0.84
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	10	0.84
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	10	0.84
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	10	0.84
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	10	0.84
(16,2157)	1:44:A:GLU:HG2	1:45:A:ALA:H	10	0.84
(16,2157)	1:44:A:GLU:HG3	1:45:A:ALA:H	10	0.84
(16,2090)	1:35:A:LEU:HD11	1:143:A:TRP:HA	13	0.84
(16,2090)	1:35:A:LEU:HD12	1:143:A:TRP:HA	13	0.84
(16,2090)	1:35:A:LEU:HD13	1:143:A:TRP:HA	13	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2090)	1:35:A:LEU:HD21	1:143:A:TRP:HA	13	0.84
(16,2090)	1:35:A:LEU:HD22	1:143:A:TRP:HA	13	0.84
(16,2090)	1:35:A:LEU:HD23	1:143:A:TRP:HA	13	0.84
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD11	18	0.84
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD12	18	0.84
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD13	18	0.84
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD21	18	0.84
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD22	18	0.84
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD23	18	0.84
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD11	18	0.84
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD12	18	0.84
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD13	18	0.84
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD21	18	0.84
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD22	18	0.84
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD23	18	0.84
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD11	18	0.84
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD12	18	0.84
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD13	18	0.84
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD21	18	0.84
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD22	18	0.84
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD23	18	0.84
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD11	10	0.84
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD12	10	0.84
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD13	10	0.84
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD21	10	0.84
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD22	10	0.84
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD23	10	0.84
(16,1900)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	5	0.84
(16,1900)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	5	0.84
(16,1619)	1:34:A:LYS:H	1:80:A:TYR:HA	1	0.84
(16,1061)	1:11:A:ILE:HA	1:14:A:VAL:HB	4	0.84
(16,996)	1:47:A:ALA:HB1	1:134:A:VAL:HB	11	0.84
(16,996)	1:47:A:ALA:HB2	1:134:A:VAL:HB	11	0.84
(16,996)	1:47:A:ALA:HB3	1:134:A:VAL:HB	11	0.84
(16,945)	1:79:A:THR:HG21	1:81:A:GLU:HG2	19	0.84
(16,945)	1:79:A:THR:HG21	1:81:A:GLU:HG3	19	0.84
(16,945)	1:79:A:THR:HG22	1:81:A:GLU:HG2	19	0.84
(16,945)	1:79:A:THR:HG22	1:81:A:GLU:HG3	19	0.84
(16,945)	1:79:A:THR:HG23	1:81:A:GLU:HG2	19	0.84
(16,945)	1:79:A:THR:HG23	1:81:A:GLU:HG3	19	0.84
(16,913)	1:20:A:THR:H	1:21:A:THR:HB	8	0.84
(16,520)	1:70:A:LYS:HG3	1:71:A:LYS:H	12	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,355)	1:73:A:ILE:HD11	1:111:A:GLU:H	14	0.84
(16,355)	1:73:A:ILE:HD12	1:111:A:GLU:H	14	0.84
(16,355)	1:73:A:ILE:HD13	1:111:A:GLU:H	14	0.84
(15,2492)	1:144:A:LEU:HD11	1:147:A:ARG:H	3	0.84
(15,2492)	1:144:A:LEU:HD12	1:147:A:ARG:H	3	0.84
(15,2492)	1:144:A:LEU:HD13	1:147:A:ARG:H	3	0.84
(15,2492)	1:144:A:LEU:HD21	1:147:A:ARG:H	3	0.84
(15,2492)	1:144:A:LEU:HD22	1:147:A:ARG:H	3	0.84
(15,2492)	1:144:A:LEU:HD23	1:147:A:ARG:H	3	0.84
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG2	5	0.84
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG3	5	0.84
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG2	10	0.84
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG3	10	0.84
(15,2128)	1:44:A:GLU:HG2	1:45:A:ALA:H	10	0.84
(15,2128)	1:44:A:GLU:HG3	1:45:A:ALA:H	10	0.84
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD11	11	0.84
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD12	11	0.84
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD13	11	0.84
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD21	11	0.84
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD22	11	0.84
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD23	11	0.84
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD11	11	0.84
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD12	11	0.84
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD13	11	0.84
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD21	11	0.84
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD22	11	0.84
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD23	11	0.84
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD11	11	0.84
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD12	11	0.84
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD13	11	0.84
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD21	11	0.84
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD22	11	0.84
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD23	11	0.84
(15,1890)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	2	0.84
(15,1424)	1:69:A:MET:HE1	1:73:A:ILE:HG21	5	0.84
(15,1424)	1:69:A:MET:HE1	1:73:A:ILE:HG22	5	0.84
(15,1424)	1:69:A:MET:HE1	1:73:A:ILE:HG23	5	0.84
(15,1424)	1:69:A:MET:HE2	1:73:A:ILE:HG21	5	0.84
(15,1424)	1:69:A:MET:HE2	1:73:A:ILE:HG22	5	0.84
(15,1424)	1:69:A:MET:HE2	1:73:A:ILE:HG23	5	0.84
(15,1424)	1:69:A:MET:HE3	1:73:A:ILE:HG21	5	0.84
(15,1424)	1:69:A:MET:HE3	1:73:A:ILE:HG22	5	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1424)	1:69:A:MET:HE3	1:73:A:ILE:HG23	5	0.84
(15,1260)	1:12:A:VAL:HG11	1:40:A:LEU:HA	3	0.84
(15,1260)	1:12:A:VAL:HG12	1:40:A:LEU:HA	3	0.84
(15,1260)	1:12:A:VAL:HG13	1:40:A:LEU:HA	3	0.84
(15,980)	1:47:A:ALA:HB1	1:134:A:VAL:HB	11	0.84
(15,980)	1:47:A:ALA:HB2	1:134:A:VAL:HB	11	0.84
(15,980)	1:47:A:ALA:HB3	1:134:A:VAL:HB	11	0.84
(15,956)	1:74:A:PRO:HA	1:77:A:CYS:HB2	19	0.84
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	8	0.84
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	8	0.84
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	8	0.84
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	8	0.84
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	8	0.84
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	8	0.84
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	8	0.84
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	8	0.84
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	8	0.84
(15,121)	1:22:A:ASP:H	1:23:A:LEU:HB2	11	0.84
(15,121)	1:22:A:ASP:H	1:23:A:LEU:HB3	11	0.84
(13,2102)	1:44:A:GLU:HG2	1:45:A:ALA:H	10	0.84
(13,2102)	1:44:A:GLU:HG3	1:45:A:ALA:H	10	0.84
(13,1875)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	5	0.84
(13,1599)	1:34:A:LYS:H	1:80:A:TYR:HA	1	0.84
(13,1400)	1:69:A:MET:HE1	1:73:A:ILE:HG21	5	0.84
(13,1400)	1:69:A:MET:HE1	1:73:A:ILE:HG22	5	0.84
(13,1400)	1:69:A:MET:HE1	1:73:A:ILE:HG23	5	0.84
(13,1400)	1:69:A:MET:HE2	1:73:A:ILE:HG21	5	0.84
(13,1400)	1:69:A:MET:HE2	1:73:A:ILE:HG22	5	0.84
(13,1400)	1:69:A:MET:HE2	1:73:A:ILE:HG23	5	0.84
(13,1400)	1:69:A:MET:HE3	1:73:A:ILE:HG21	5	0.84
(13,1400)	1:69:A:MET:HE3	1:73:A:ILE:HG22	5	0.84
(13,1400)	1:69:A:MET:HE3	1:73:A:ILE:HG23	5	0.84
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	8	0.84
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	8	0.84
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	8	0.84
(13,1052)	1:54:A:ARG:HA	1:58:A:ILE:HG13	18	0.84
(13,905)	1:125:A:THR:HB	1:128:A:LEU:HG	2	0.84
(11,2254)	1:69:A:MET:HG2	1:70:A:LYS:HE2	18	0.84
(11,2254)	1:69:A:MET:HG2	1:70:A:LYS:HE3	18	0.84
(11,2254)	1:69:A:MET:HG3	1:70:A:LYS:HE2	18	0.84
(11,2254)	1:69:A:MET:HG3	1:70:A:LYS:HE3	18	0.84
(11,2217)	1:60:A:LEU:HG	1:61:A:SER:HB2	8	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2217)	1:60:A:LEU:HG	1:61:A:SER:HB3	8	0.84
(11,2217)	1:60:A:LEU:HG	1:61:A:SER:HB2	16	0.84
(11,2217)	1:60:A:LEU:HG	1:61:A:SER:HB3	16	0.84
(11,1915)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	15	0.84
(11,1915)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	15	0.84
(11,1915)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	15	0.84
(11,1915)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	15	0.84
(11,1915)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	15	0.84
(11,1915)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	15	0.84
(11,1800)	1:97:A:ASP:HA	1:105:A:LYS:HG3	8	0.84
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD21	5	0.84
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD22	5	0.84
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD23	5	0.84
(11,1662)	1:34:A:LYS:H	1:80:A:TYR:HA	1	0.84
(11,1617)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	8	0.84
(11,1617)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	8	0.84
(11,1617)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	8	0.84
(11,1617)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	8	0.84
(11,1617)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	8	0.84
(11,1617)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	8	0.84
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG11	18	0.84
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG12	18	0.84
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG13	18	0.84
(11,1282)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	7	0.84
(11,1282)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	7	0.84
(11,1282)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	7	0.84
(11,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	15	0.84
(11,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	15	0.84
(11,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	15	0.84
(11,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	15	0.84
(11,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	15	0.84
(11,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	15	0.84
(11,637)	1:59:A:CYS:H	1:60:A:LEU:HB3	6	0.84
(11,494)	1:97:A:ASP:HB2	1:105:A:LYS:H	5	0.84
(11,494)	1:97:A:ASP:HB3	1:105:A:LYS:H	5	0.84
(9,2430)	1:144:A:LEU:HD11	1:147:A:ARG:H	3	0.84
(9,2430)	1:144:A:LEU:HD12	1:147:A:ARG:H	3	0.84
(9,2430)	1:144:A:LEU:HD13	1:147:A:ARG:H	3	0.84
(9,2430)	1:144:A:LEU:HD21	1:147:A:ARG:H	3	0.84
(9,2430)	1:144:A:LEU:HD22	1:147:A:ARG:H	3	0.84
(9,2430)	1:144:A:LEU:HD23	1:147:A:ARG:H	3	0.84
(9,2040)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	13	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2040)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	13	0.84
(9,2040)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	13	0.84
(9,2040)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	13	0.84
(9,2040)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	13	0.84
(9,2040)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	13	0.84
(9,2040)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	13	0.84
(9,2040)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	13	0.84
(9,2040)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	13	0.84
(9,2040)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	13	0.84
(9,2040)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	13	0.84
(9,2040)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	13	0.84
(9,1913)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	5	0.84
(9,1911)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	7	0.84
(9,974)	1:47:A:ALA:HB1	1:134:A:VAL:HB	11	0.84
(9,974)	1:47:A:ALA:HB2	1:134:A:VAL:HB	11	0.84
(9,974)	1:47:A:ALA:HB3	1:134:A:VAL:HB	11	0.84
(9,921)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	15	0.84
(9,921)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	15	0.84
(9,921)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	15	0.84
(9,921)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	15	0.84
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD1	10	0.84
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD2	10	0.84
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD1	10	0.84
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD2	10	0.84
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD11	8	0.84
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD12	8	0.84
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD13	8	0.84
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD21	8	0.84
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD22	8	0.84
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD23	8	0.84
(7,1971)	1:18:A:PHE:HB2	1:132:A:ALA:HA	13	0.84
(7,1971)	1:18:A:PHE:HB3	1:132:A:ALA:HA	13	0.84
(7,1879)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	5	0.84
(7,1805)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	7	0.84
(7,1805)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	7	0.84
(7,1805)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	7	0.84
(7,1759)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	1	0.84
(7,1759)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	1	0.84
(7,1759)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	1	0.84
(7,1759)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	1	0.84
(7,1759)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	1	0.84
(7,1759)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	1	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1560)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	8	0.84
(7,1560)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	8	0.84
(7,1560)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	8	0.84
(7,1560)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	8	0.84
(7,1560)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	8	0.84
(7,1560)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	8	0.84
(7,1241)	1:12:A:VAL:HG11	1:40:A:LEU:HA	3	0.84
(7,1241)	1:12:A:VAL:HG12	1:40:A:LEU:HA	3	0.84
(7,1241)	1:12:A:VAL:HG13	1:40:A:LEU:HA	3	0.84
(7,851)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	12	0.84
(7,835)	1:43:A:MET:HE1	1:131:A:LEU:HB3	12	0.84
(7,835)	1:43:A:MET:HE2	1:131:A:LEU:HB3	12	0.84
(7,835)	1:43:A:MET:HE3	1:131:A:LEU:HB3	12	0.84
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	3	0.84
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	3	0.84
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	3	0.84
(7,496)	1:97:A:ASP:HB2	1:105:A:LYS:H	5	0.84
(7,496)	1:97:A:ASP:HB3	1:105:A:LYS:H	5	0.84
(7,44)	1:44:A:GLU:HG2	1:47:A:ALA:H	16	0.84
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG2	5	0.84
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG3	5	0.84
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG2	10	0.84
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG3	10	0.84
(6,2209)	1:60:A:LEU:HG	1:61:A:SER:HB2	8	0.84
(6,2209)	1:60:A:LEU:HG	1:61:A:SER:HB3	8	0.84
(6,2209)	1:60:A:LEU:HG	1:61:A:SER:HB2	16	0.84
(6,2209)	1:60:A:LEU:HG	1:61:A:SER:HB3	16	0.84
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	2	0.84
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	2	0.84
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	2	0.84
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	2	0.84
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	2	0.84
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	2	0.84
(6,2030)	1:18:A:PHE:HA	1:117:A:VAL:HG11	12	0.84
(6,2030)	1:18:A:PHE:HA	1:117:A:VAL:HG12	12	0.84
(6,2030)	1:18:A:PHE:HA	1:117:A:VAL:HG13	12	0.84
(6,2030)	1:18:A:PHE:HA	1:117:A:VAL:HG21	12	0.84
(6,2030)	1:18:A:PHE:HA	1:117:A:VAL:HG22	12	0.84
(6,2030)	1:18:A:PHE:HA	1:117:A:VAL:HG23	12	0.84
(6,2006)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	8	0.84
(6,2006)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	8	0.84
(6,2006)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	8	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2006)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	8	0.84
(6,2006)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	8	0.84
(6,2006)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	8	0.84
(6,2006)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	8	0.84
(6,2006)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	8	0.84
(6,2006)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	8	0.84
(6,2006)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	8	0.84
(6,2006)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	8	0.84
(6,2006)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	8	0.84
(6,2006)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	8	0.84
(6,2006)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	8	0.84
(6,2006)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	8	0.84
(6,2006)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	8	0.84
(6,2006)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	8	0.84
(6,2006)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	8	0.84
(6,1958)	1:10:A:ASN:HD21	1:81:A:GLU:H	10	0.84
(6,1958)	1:10:A:ASN:HD22	1:81:A:GLU:H	10	0.84
(6,1941)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	13	0.84
(6,1941)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	13	0.84
(6,1941)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	13	0.84
(6,1941)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	13	0.84
(6,1941)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	13	0.84
(6,1941)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	13	0.84
(6,1941)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	13	0.84
(6,1941)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	13	0.84
(6,1941)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	13	0.84
(6,1941)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	13	0.84
(6,1941)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	13	0.84
(6,1941)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	13	0.84
(6,1840)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	7	0.84
(6,1840)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	7	0.84
(6,1840)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	7	0.84
(6,1771)	1:97:A:ASP:HA	1:105:A:LYS:HA	16	0.84
(6,1587)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	8	0.84
(6,1587)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	8	0.84
(6,1587)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	8	0.84
(6,1587)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	8	0.84
(6,1587)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	8	0.84
(6,1587)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	8	0.84
(6,788)	1:63:A:ILE:HD11	1:117:A:VAL:HB	13	0.84
(6,788)	1:63:A:ILE:HD12	1:117:A:VAL:HB	13	0.84
(6,788)	1:63:A:ILE:HD13	1:117:A:VAL:HB	13	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	3	0.84
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	3	0.84
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	3	0.84
(6,491)	1:97:A:ASP:HB2	1:105:A:LYS:H	5	0.84
(6,491)	1:97:A:ASP:HB3	1:105:A:LYS:H	5	0.84
(5,2469)	1:144:A:LEU:HD11	1:147:A:ARG:H	3	0.84
(5,2469)	1:144:A:LEU:HD12	1:147:A:ARG:H	3	0.84
(5,2469)	1:144:A:LEU:HD13	1:147:A:ARG:H	3	0.84
(5,2469)	1:144:A:LEU:HD21	1:147:A:ARG:H	3	0.84
(5,2469)	1:144:A:LEU:HD22	1:147:A:ARG:H	3	0.84
(5,2469)	1:144:A:LEU:HD23	1:147:A:ARG:H	3	0.84
(5,2385)	1:125:A:THR:HA	1:127:A:CYS:HB2	2	0.84
(5,2385)	1:125:A:THR:HA	1:127:A:CYS:HB3	2	0.84
(5,1882)	1:9:A:PHE:HZ	1:11:A:ILE:HA	16	0.84
(5,1790)	1:97:A:ASP:HA	1:105:A:LYS:HG3	8	0.84
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	16	0.84
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	16	0.84
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	16	0.84
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	16	0.84
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	16	0.84
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	16	0.84
(5,1319)	1:66:A:THR:HG21	1:95:A:ILE:HA	8	0.84
(5,1319)	1:66:A:THR:HG22	1:95:A:ILE:HA	8	0.84
(5,1319)	1:66:A:THR:HG23	1:95:A:ILE:HA	8	0.84
(5,1165)	1:13:A:ALA:HB1	1:80:A:TYR:HA	14	0.84
(5,1165)	1:13:A:ALA:HB2	1:80:A:TYR:HA	14	0.84
(5,1165)	1:13:A:ALA:HB3	1:80:A:TYR:HA	14	0.84
(5,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	15	0.84
(5,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	15	0.84
(5,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	15	0.84
(5,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	15	0.84
(5,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	15	0.84
(5,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	15	0.84
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	1	0.84
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	1	0.84
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	1	0.84
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	1	0.84
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	1	0.84
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	1	0.84
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	1	0.84
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	1	0.84
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	1	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,755)	1:32:A:GLY:HA2	1:34:A:LYS:H	2	0.84
(5,228)	1:112:A:GLN:HG2	1:114:A:ILE:H	8	0.84
(5,228)	1:112:A:GLN:HG3	1:114:A:ILE:H	8	0.84
(5,111)	1:22:A:ASP:H	1:23:A:LEU:HB2	11	0.84
(5,111)	1:22:A:ASP:H	1:23:A:LEU:HB3	11	0.84
(4,2036)	1:23:A:LEU:HD11	1:25:A:ALA:H	8	0.84
(4,2036)	1:23:A:LEU:HD12	1:25:A:ALA:H	8	0.84
(4,2036)	1:23:A:LEU:HD13	1:25:A:ALA:H	8	0.84
(4,2036)	1:23:A:LEU:HD21	1:25:A:ALA:H	8	0.84
(4,2036)	1:23:A:LEU:HD22	1:25:A:ALA:H	8	0.84
(4,2036)	1:23:A:LEU:HD23	1:25:A:ALA:H	8	0.84
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD11	18	0.84
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD12	18	0.84
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD13	18	0.84
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD21	18	0.84
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD22	18	0.84
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD23	18	0.84
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD11	18	0.84
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD12	18	0.84
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD13	18	0.84
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD21	18	0.84
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD22	18	0.84
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD23	18	0.84
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD11	18	0.84
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD12	18	0.84
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD13	18	0.84
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD21	18	0.84
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD22	18	0.84
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD23	18	0.84
(4,1929)	1:10:A:ASN:HD21	1:81:A:GLU:H	10	0.84
(4,1929)	1:10:A:ASN:HD22	1:81:A:GLU:H	10	0.84
(4,1912)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	18	0.84
(4,1912)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	18	0.84
(4,1889)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	2	0.84
(4,1568)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	8	0.84
(4,1568)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	8	0.84
(4,1568)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	8	0.84
(4,1568)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	8	0.84
(4,1568)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	8	0.84
(4,1568)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	8	0.84
(4,1371)	1:19:A:ALA:HB1	1:132:A:ALA:HA	12	0.84
(4,1371)	1:19:A:ALA:HB2	1:132:A:ALA:HA	12	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1371)	1:19:A:ALA:HB3	1:132:A:ALA:HA	12	0.84
(4,1371)	1:19:A:ALA:HB1	1:132:A:ALA:HA	15	0.84
(4,1371)	1:19:A:ALA:HB2	1:132:A:ALA:HA	15	0.84
(4,1371)	1:19:A:ALA:HB3	1:132:A:ALA:HA	15	0.84
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG11	18	0.84
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG12	18	0.84
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG13	18	0.84
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD21	19	0.84
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD22	19	0.84
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD23	19	0.84
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	3	0.84
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	3	0.84
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	3	0.84
(4,304)	1:64:A:LYS:HD2	1:65:A:CYS:H	13	0.84
(4,304)	1:64:A:LYS:HD3	1:65:A:CYS:H	13	0.84
(4,50)	1:44:A:GLU:HG2	1:47:A:ALA:H	16	0.84
(3,1974)	1:10:A:ASN:HD21	1:81:A:GLU:H	10	0.84
(3,1974)	1:10:A:ASN:HD22	1:81:A:GLU:H	10	0.84
(3,1939)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	2	0.84
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	2	0.84
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	2	0.84
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	2	0.84
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	2	0.84
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	2	0.84
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	2	0.84
(3,1883)	1:9:A:PHE:HZ	1:11:A:ILE:HA	16	0.84
(3,1798)	1:97:A:ASP:HA	1:105:A:LYS:HA	16	0.84
(3,1759)	1:21:A:THR:HG21	1:23:A:LEU:HD21	7	0.84
(3,1759)	1:21:A:THR:HG21	1:23:A:LEU:HD22	7	0.84
(3,1759)	1:21:A:THR:HG21	1:23:A:LEU:HD23	7	0.84
(3,1759)	1:21:A:THR:HG22	1:23:A:LEU:HD21	7	0.84
(3,1759)	1:21:A:THR:HG22	1:23:A:LEU:HD22	7	0.84
(3,1759)	1:21:A:THR:HG22	1:23:A:LEU:HD23	7	0.84
(3,1759)	1:21:A:THR:HG23	1:23:A:LEU:HD21	7	0.84
(3,1759)	1:21:A:THR:HG23	1:23:A:LEU:HD22	7	0.84
(3,1759)	1:21:A:THR:HG23	1:23:A:LEU:HD23	7	0.84
(3,1696)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	16	0.84
(3,1696)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	16	0.84
(3,1661)	1:34:A:LYS:H	1:80:A:TYR:HA	1	0.84
(3,1249)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	14	0.84
(3,1249)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	14	0.84
(3,1249)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	14	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1117)	1:53:A:THR:HA	1:54:A:ARG:HB2	11	0.84
(3,715)	1:23:A:LEU:HD21	1:27:A:ARG:HE	6	0.84
(3,715)	1:23:A:LEU:HD22	1:27:A:ARG:HE	6	0.84
(3,715)	1:23:A:LEU:HD23	1:27:A:ARG:HE	6	0.84
(3,715)	1:23:A:LEU:HD21	1:27:A:ARG:HE	12	0.84
(3,715)	1:23:A:LEU:HD22	1:27:A:ARG:HE	12	0.84
(3,715)	1:23:A:LEU:HD23	1:27:A:ARG:HE	12	0.84
(3,350)	1:73:A:ILE:HD11	1:111:A:GLU:H	14	0.84
(3,350)	1:73:A:ILE:HD12	1:111:A:GLU:H	14	0.84
(3,350)	1:73:A:ILE:HD13	1:111:A:GLU:H	14	0.84
(3,235)	1:40:A:LEU:HD11	1:44:A:GLU:H	18	0.84
(3,235)	1:40:A:LEU:HD12	1:44:A:GLU:H	18	0.84
(3,235)	1:40:A:LEU:HD13	1:44:A:GLU:H	18	0.84
(3,115)	1:22:A:ASP:H	1:23:A:LEU:HB2	11	0.84
(3,115)	1:22:A:ASP:H	1:23:A:LEU:HB3	11	0.84
(2,2170)	1:44:A:GLU:HG2	1:45:A:ALA:H	10	0.84
(2,2170)	1:44:A:GLU:HG3	1:45:A:ALA:H	10	0.84
(2,2056)	1:23:A:LEU:HD11	1:25:A:ALA:H	8	0.84
(2,2056)	1:23:A:LEU:HD12	1:25:A:ALA:H	8	0.84
(2,2056)	1:23:A:LEU:HD13	1:25:A:ALA:H	8	0.84
(2,2056)	1:23:A:LEU:HD21	1:25:A:ALA:H	8	0.84
(2,2056)	1:23:A:LEU:HD22	1:25:A:ALA:H	8	0.84
(2,2056)	1:23:A:LEU:HD23	1:25:A:ALA:H	8	0.84
(2,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	9	0.84
(2,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	9	0.84
(2,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	9	0.84
(2,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	9	0.84
(2,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	9	0.84
(2,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	9	0.84
(2,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	9	0.84
(2,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	9	0.84
(2,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	9	0.84
(2,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	9	0.84
(2,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	9	0.84
(2,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	9	0.84
(2,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	9	0.84
(2,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	9	0.84
(2,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	9	0.84
(2,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	9	0.84
(2,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	9	0.84
(2,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	9	0.84
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE1	6	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE2	6	0.84
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE3	6	0.84
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE1	6	0.84
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE2	6	0.84
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE3	6	0.84
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE1	6	0.84
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE2	6	0.84
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE3	6	0.84
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE1	6	0.84
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE2	6	0.84
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE3	6	0.84
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE1	6	0.84
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE2	6	0.84
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE3	6	0.84
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE1	6	0.84
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE2	6	0.84
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE3	6	0.84
(2,1993)	1:12:A:VAL:HG11	1:43:A:MET:H	13	0.84
(2,1993)	1:12:A:VAL:HG12	1:43:A:MET:H	13	0.84
(2,1993)	1:12:A:VAL:HG13	1:43:A:MET:H	13	0.84
(2,1993)	1:12:A:VAL:HG21	1:43:A:MET:H	13	0.84
(2,1993)	1:12:A:VAL:HG22	1:43:A:MET:H	13	0.84
(2,1993)	1:12:A:VAL:HG23	1:43:A:MET:H	13	0.84
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	5	0.84
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	5	0.84
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	5	0.84
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	5	0.84
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	5	0.84
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	5	0.84
(2,1942)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	5	0.84
(2,1469)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	18	0.84
(2,1469)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	18	0.84
(2,1469)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	18	0.84
(2,1469)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	18	0.84
(2,1469)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	18	0.84
(2,1469)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	18	0.84
(2,1469)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	18	0.84
(2,1469)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	18	0.84
(2,1469)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	18	0.84
(2,1036)	1:11:A:ILE:HA	1:14:A:VAL:HB	9	0.84
(2,1036)	1:11:A:ILE:HA	1:14:A:VAL:HB	19	0.84
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	3	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	3	0.84
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	3	0.84
(2,112)	1:22:A:ASP:H	1:23:A:LEU:HB2	11	0.84
(2,112)	1:22:A:ASP:H	1:23:A:LEU:HB3	11	0.84
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	14	0.84
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	14	0.84
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	14	0.84
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	14	0.84
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	14	0.84
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	14	0.84
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	14	0.84
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	14	0.84
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	14	0.84
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	14	0.84
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	14	0.84
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	14	0.84
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	16	0.84
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	16	0.84
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	16	0.84
(1,1678)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	3	0.84
(1,1678)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	3	0.84
(1,1591)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	13	0.84
(1,1591)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	13	0.84
(1,1591)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	13	0.84
(1,1521)	1:43:A:MET:HE1	1:46:A:ASN:HB2	2	0.84
(1,1521)	1:43:A:MET:HE2	1:46:A:ASN:HB2	2	0.84
(1,1521)	1:43:A:MET:HE3	1:46:A:ASN:HB2	2	0.84
(1,1079)	1:54:A:ARG:HA	1:58:A:ILE:HG13	18	0.84
(1,881)	1:8:A:ASP:HB2	1:54:A:ARG:HE	1	0.84
(1,849)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	13	0.84
(1,849)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	13	0.84
(1,849)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	13	0.84
(1,849)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	13	0.84
(1,849)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	13	0.84
(1,849)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	13	0.84
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	8	0.84
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	8	0.84
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	8	0.84
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	8	0.84
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	8	0.84
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	8	0.84
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	8	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	8	0.84
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	8	0.84
(1,832)	1:98:A:ILE:HD11	1:101:A:ILE:HB	5	0.84
(1,832)	1:98:A:ILE:HD12	1:101:A:ILE:HB	5	0.84
(1,832)	1:98:A:ILE:HD13	1:101:A:ILE:HB	5	0.84
(1,727)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	11	0.84
(1,727)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	11	0.84
(1,727)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	11	0.84
(1,498)	1:97:A:ASP:HB2	1:105:A:LYS:H	5	0.84
(1,498)	1:97:A:ASP:HB3	1:105:A:LYS:H	5	0.84
(1,124)	1:22:A:ASP:H	1:23:A:LEU:HB2	11	0.84
(1,124)	1:22:A:ASP:H	1:23:A:LEU:HB3	11	0.84
(1,82)	1:23:A:LEU:H	1:26:A:ASP:HB2	1	0.84
(1,82)	1:23:A:LEU:H	1:26:A:ASP:HB3	1	0.84
(34,2208)	1:60:A:LEU:HD11	1:61:A:SER:HB2	3	0.83
(34,2208)	1:60:A:LEU:HD11	1:61:A:SER:HB3	3	0.83
(34,2208)	1:60:A:LEU:HD12	1:61:A:SER:HB2	3	0.83
(34,2208)	1:60:A:LEU:HD12	1:61:A:SER:HB3	3	0.83
(34,2208)	1:60:A:LEU:HD13	1:61:A:SER:HB2	3	0.83
(34,2208)	1:60:A:LEU:HD13	1:61:A:SER:HB3	3	0.83
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG11	17	0.83
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG12	17	0.83
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG13	17	0.83
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG21	17	0.83
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG22	17	0.83
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG23	17	0.83
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG11	19	0.83
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG12	19	0.83
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG13	19	0.83
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG21	19	0.83
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG22	19	0.83
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG23	19	0.83
(34,1876)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	10	0.83
(34,1876)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	10	0.83
(34,1661)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	19	0.83
(34,1661)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	19	0.83
(34,1661)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	19	0.83
(34,1407)	1:16:A:SER:HA	1:19:A:ALA:HB1	11	0.83
(34,1407)	1:16:A:SER:HA	1:19:A:ALA:HB2	11	0.83
(34,1407)	1:16:A:SER:HA	1:19:A:ALA:HB3	11	0.83
(34,1318)	1:66:A:THR:HG21	1:96:A:VAL:H	11	0.83
(34,1318)	1:66:A:THR:HG22	1:96:A:VAL:H	11	0.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1318)	1:66:A:THR:HG23	1:96:A:VAL:H	11	0.83
(34,1161)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	4	0.83
(34,1161)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	4	0.83
(34,1161)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	4	0.83
(34,1161)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	4	0.83
(34,1161)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	4	0.83
(34,1161)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	4	0.83
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG2	5	0.83
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG3	5	0.83
(34,832)	1:114:A:ILE:HD11	1:117:A:VAL:H	15	0.83
(34,832)	1:114:A:ILE:HD12	1:117:A:VAL:H	15	0.83
(34,832)	1:114:A:ILE:HD13	1:117:A:VAL:H	15	0.83
(34,325)	1:136:A:CYS:HA	1:140:A:LEU:H	12	0.83
(34,195)	1:44:A:GLU:H	1:44:A:GLU:HG2	9	0.83
(33,2086)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	5	0.83
(33,2086)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	5	0.83
(33,2086)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	5	0.83
(33,2086)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	5	0.83
(33,2086)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	5	0.83
(33,2086)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	5	0.83
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	10	0.83
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	10	0.83
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	10	0.83
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	10	0.83
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	10	0.83
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	10	0.83
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	10	0.83
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	10	0.83
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	10	0.83
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	10	0.83
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	10	0.83
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	10	0.83
(33,2017)	1:18:A:PHE:HB2	1:132:A:ALA:H	13	0.83
(33,2017)	1:18:A:PHE:HB3	1:132:A:ALA:H	13	0.83
(33,1893)	1:18:A:PHE:HE1	1:117:A:VAL:HA	4	0.83
(33,1893)	1:18:A:PHE:HE2	1:117:A:VAL:HA	4	0.83
(33,1847)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	4	0.83
(33,1847)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	4	0.83
(33,1847)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	4	0.83
(33,1847)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	4	0.83
(33,1788)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	6	0.83
(33,1788)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	6	0.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1788)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	6	0.83
(33,1788)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	6	0.83
(33,1784)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	6	0.83
(33,1784)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	6	0.83
(33,1784)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	6	0.83
(33,1784)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	6	0.83
(33,1677)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.83
(33,1648)	1:69:A:MET:HE1	1:116:A:GLN:HE22	6	0.83
(33,1648)	1:69:A:MET:HE2	1:116:A:GLN:HE22	6	0.83
(33,1648)	1:69:A:MET:HE3	1:116:A:GLN:HE22	6	0.83
(33,1644)	1:134:A:VAL:HG21	1:137:A:SER:H	7	0.83
(33,1644)	1:134:A:VAL:HG22	1:137:A:SER:H	7	0.83
(33,1644)	1:134:A:VAL:HG23	1:137:A:SER:H	7	0.83
(33,1540)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	4	0.83
(33,1540)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	4	0.83
(33,1540)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	4	0.83
(33,1540)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	4	0.83
(33,1540)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	4	0.83
(33,1540)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	4	0.83
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB1	16	0.83
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB2	16	0.83
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB3	16	0.83
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB1	8	0.83
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB2	8	0.83
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB3	8	0.83
(33,874)	1:56:A:CYS:H	1:122:A:ASP:HB2	7	0.83
(33,831)	1:114:A:ILE:HD11	1:117:A:VAL:H	15	0.83
(33,831)	1:114:A:ILE:HD12	1:117:A:VAL:H	15	0.83
(33,831)	1:114:A:ILE:HD13	1:117:A:VAL:H	15	0.83
(33,747)	1:105:A:LYS:HG3	1:112:A:GLN:HE21	3	0.83
(33,742)	1:105:A:LYS:HG3	1:112:A:GLN:HE22	15	0.83
(33,190)	1:44:A:GLU:H	1:44:A:GLU:HG2	9	0.83
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	19	0.83
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	19	0.83
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	19	0.83
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	19	0.83
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	19	0.83
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	19	0.83
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	19	0.83
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	19	0.83
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	19	0.83
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	19	0.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	19	0.83
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	19	0.83
(32,2134)	1:43:A:MET:HE1	1:46:A:ASN:HB2	13	0.83
(32,2134)	1:43:A:MET:HE1	1:46:A:ASN:HB3	13	0.83
(32,2134)	1:43:A:MET:HE2	1:46:A:ASN:HB2	13	0.83
(32,2134)	1:43:A:MET:HE2	1:46:A:ASN:HB3	13	0.83
(32,2134)	1:43:A:MET:HE3	1:46:A:ASN:HB2	13	0.83
(32,2134)	1:43:A:MET:HE3	1:46:A:ASN:HB3	13	0.83
(32,2043)	1:32:A:GLY:HA2	1:34:A:LYS:H	18	0.83
(32,2043)	1:32:A:GLY:HA3	1:34:A:LYS:H	18	0.83
(32,1744)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	5	0.83
(32,1744)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	5	0.83
(32,1196)	1:140:A:LEU:HD11	1:143:A:TRP:H	17	0.83
(32,1196)	1:140:A:LEU:HD12	1:143:A:TRP:H	17	0.83
(32,1196)	1:140:A:LEU:HD13	1:143:A:TRP:H	17	0.83
(32,929)	1:66:A:THR:H	1:96:A:VAL:HB	18	0.83
(32,808)	1:114:A:ILE:HD11	1:117:A:VAL:H	15	0.83
(32,808)	1:114:A:ILE:HD12	1:117:A:VAL:H	15	0.83
(32,808)	1:114:A:ILE:HD13	1:117:A:VAL:H	15	0.83
(30,1746)	1:31:A:PRO:HB2	1:35:A:LEU:HA	15	0.83
(30,1746)	1:31:A:PRO:HB3	1:35:A:LEU:HA	15	0.83
(30,1700)	1:11:A:ILE:HG12	1:57:A:LEU:HB3	14	0.83
(30,1359)	1:39:A:VAL:HG11	1:144:A:LEU:H	3	0.83
(30,1359)	1:39:A:VAL:HG12	1:144:A:LEU:H	3	0.83
(30,1359)	1:39:A:VAL:HG13	1:144:A:LEU:H	3	0.83
(30,961)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	13	0.83
(30,961)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	13	0.83
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	8	0.83
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	8	0.83
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	8	0.83
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	17	0.83
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	17	0.83
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	17	0.83
(30,824)	1:114:A:ILE:HD11	1:117:A:VAL:H	15	0.83
(30,824)	1:114:A:ILE:HD12	1:117:A:VAL:H	15	0.83
(30,824)	1:114:A:ILE:HD13	1:117:A:VAL:H	15	0.83
(30,561)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	18	0.83
(30,318)	1:136:A:CYS:HA	1:140:A:LEU:H	12	0.83
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	12	0.83
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	12	0.83
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	12	0.83
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	0.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	0.83
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	0.83
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	12	0.83
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	12	0.83
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	12	0.83
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	0.83
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	0.83
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	0.83
(29,1955)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	17	0.83
(29,1955)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	17	0.83
(29,1688)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	3	0.83
(29,1688)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	3	0.83
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE1	11	0.83
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE2	11	0.83
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE3	11	0.83
(29,1479)	1:45:A:ALA:HB1	1:49:A:LYS:HE2	15	0.83
(29,1479)	1:45:A:ALA:HB1	1:49:A:LYS:HE3	15	0.83
(29,1479)	1:45:A:ALA:HB2	1:49:A:LYS:HE2	15	0.83
(29,1479)	1:45:A:ALA:HB2	1:49:A:LYS:HE3	15	0.83
(29,1479)	1:45:A:ALA:HB3	1:49:A:LYS:HE2	15	0.83
(29,1479)	1:45:A:ALA:HB3	1:49:A:LYS:HE3	15	0.83
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	1	0.83
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	1	0.83
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	1	0.83
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	1	0.83
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	1	0.83
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	1	0.83
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	1	0.83
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	1	0.83
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	1	0.83
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG11	16	0.83
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG12	16	0.83
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG13	16	0.83
(29,1372)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	19	0.83
(29,1372)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	19	0.83
(29,1372)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	19	0.83
(29,1369)	1:39:A:VAL:HG11	1:144:A:LEU:H	3	0.83
(29,1369)	1:39:A:VAL:HG12	1:144:A:LEU:H	3	0.83
(29,1369)	1:39:A:VAL:HG13	1:144:A:LEU:H	3	0.83
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	11	0.83
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	11	0.83
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	11	0.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,840)	1:114:A:ILE:HD11	1:117:A:VAL:H	15	0.83
(29,840)	1:114:A:ILE:HD12	1:117:A:VAL:H	15	0.83
(29,840)	1:114:A:ILE:HD13	1:117:A:VAL:H	15	0.83
(29,564)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	18	0.83
(29,316)	1:136:A:CYS:HA	1:140:A:LEU:H	12	0.83
(22,38)	1:120:A:CYS:N	1:116:A:GLN:C	8	0.83
(22,37)	1:120:A:CYS:H	1:116:A:GLN:C	13	0.83
(22,26)	1:114:A:ILE:N	1:110:A:MET:C	17	0.83
(22,25)	1:114:A:ILE:H	1:110:A:MET:C	3	0.83
(22,24)	1:113:A:PHE:N	1:109:A:PRO:C	12	0.83
(22,24)	1:113:A:PHE:N	1:109:A:PRO:C	18	0.83
(22,21)	1:107:A:LEU:H	1:103:A:ARG:C	15	0.83
(22,13)	1:60:A:LEU:H	1:56:A:CYS:C	11	0.83
(19,11)	1:127:A:CYS:SG	1:56:A:CYS:CB	16	0.83
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD11	7	0.83
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD12	7	0.83
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD13	7	0.83
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD21	7	0.83
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD22	7	0.83
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD23	7	0.83
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	7	0.83
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	7	0.83
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	7	0.83
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	7	0.83
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	7	0.83
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	7	0.83
(18,2022)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	12	0.83
(18,2022)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	12	0.83
(18,2022)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	12	0.83
(18,2022)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	12	0.83
(18,2022)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	12	0.83
(18,2022)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	12	0.83
(18,2022)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	12	0.83
(18,2022)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	12	0.83
(18,2022)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	12	0.83
(18,2022)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	12	0.83
(18,2022)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	12	0.83
(18,2022)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	12	0.83
(18,2014)	1:18:A:PHE:HB2	1:132:A:ALA:H	13	0.83
(18,2014)	1:18:A:PHE:HB3	1:132:A:ALA:H	13	0.83
(18,1643)	1:69:A:MET:HE1	1:116:A:GLN:HG3	12	0.83
(18,1643)	1:69:A:MET:HE2	1:116:A:GLN:HG3	12	0.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1643)	1:69:A:MET:HE3	1:116:A:GLN:HG3	12	0.83
(18,1606)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	7	0.83
(18,1606)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	7	0.83
(18,1606)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	7	0.83
(18,1606)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	7	0.83
(18,1606)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	7	0.83
(18,1606)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	7	0.83
(18,1539)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	4	0.83
(18,1539)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	4	0.83
(18,1539)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	4	0.83
(18,1539)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	4	0.83
(18,1539)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	4	0.83
(18,1539)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	4	0.83
(18,962)	1:39:A:VAL:HA	1:140:A:LEU:HD11	9	0.83
(18,962)	1:39:A:VAL:HA	1:140:A:LEU:HD12	9	0.83
(18,962)	1:39:A:VAL:HA	1:140:A:LEU:HD13	9	0.83
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG2	5	0.83
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG3	5	0.83
(18,942)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	4	0.83
(18,942)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	4	0.83
(18,837)	1:114:A:ILE:HD11	1:117:A:VAL:H	15	0.83
(18,837)	1:114:A:ILE:HD12	1:117:A:VAL:H	15	0.83
(18,837)	1:114:A:ILE:HD13	1:117:A:VAL:H	15	0.83
(18,731)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	11	0.83
(18,731)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	11	0.83
(18,731)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	11	0.83
(18,327)	1:136:A:CYS:HA	1:140:A:LEU:H	12	0.83
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	12	0.83
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	12	0.83
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	12	0.83
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	0.83
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	0.83
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	0.83
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	12	0.83
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	12	0.83
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	12	0.83
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	0.83
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	0.83
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	0.83
(17,1879)	1:18:A:PHE:HA	1:113:A:PHE:HE1	10	0.83
(17,1879)	1:18:A:PHE:HA	1:113:A:PHE:HE2	10	0.83
(17,1866)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	16	0.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1866)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	16	0.83
(17,1866)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	16	0.83
(17,1866)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	16	0.83
(17,1552)	1:69:A:MET:HE1	1:76:A:ARG:HG2	4	0.83
(17,1552)	1:69:A:MET:HE1	1:76:A:ARG:HG3	4	0.83
(17,1552)	1:69:A:MET:HE2	1:76:A:ARG:HG2	4	0.83
(17,1552)	1:69:A:MET:HE2	1:76:A:ARG:HG3	4	0.83
(17,1552)	1:69:A:MET:HE3	1:76:A:ARG:HG2	4	0.83
(17,1552)	1:69:A:MET:HE3	1:76:A:ARG:HG3	4	0.83
(17,1493)	1:45:A:ALA:HB1	1:49:A:LYS:HE2	15	0.83
(17,1493)	1:45:A:ALA:HB1	1:49:A:LYS:HE3	15	0.83
(17,1493)	1:45:A:ALA:HB2	1:49:A:LYS:HE2	15	0.83
(17,1493)	1:45:A:ALA:HB2	1:49:A:LYS:HE3	15	0.83
(17,1493)	1:45:A:ALA:HB3	1:49:A:LYS:HE2	15	0.83
(17,1493)	1:45:A:ALA:HB3	1:49:A:LYS:HE3	15	0.83
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	7	0.83
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	7	0.83
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	7	0.83
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	7	0.83
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	7	0.83
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	7	0.83
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	7	0.83
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	7	0.83
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	7	0.83
(17,1401)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	9	0.83
(17,1401)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	9	0.83
(17,1401)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	9	0.83
(17,1379)	1:39:A:VAL:HG11	1:144:A:LEU:H	3	0.83
(17,1379)	1:39:A:VAL:HG12	1:144:A:LEU:H	3	0.83
(17,1379)	1:39:A:VAL:HG13	1:144:A:LEU:H	3	0.83
(17,1377)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	19	0.83
(17,1377)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	19	0.83
(17,1377)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	19	0.83
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD21	5	0.83
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD22	5	0.83
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD23	5	0.83
(17,1298)	1:66:A:THR:HG21	1:96:A:VAL:H	11	0.83
(17,1298)	1:66:A:THR:HG22	1:96:A:VAL:H	11	0.83
(17,1298)	1:66:A:THR:HG23	1:96:A:VAL:H	11	0.83
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	6	0.83
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	6	0.83
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	6	0.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,995)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	2	0.83
(17,995)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	2	0.83
(17,835)	1:114:A:ILE:HD11	1:117:A:VAL:H	15	0.83
(17,835)	1:114:A:ILE:HD12	1:117:A:VAL:H	15	0.83
(17,835)	1:114:A:ILE:HD13	1:117:A:VAL:H	15	0.83
(17,599)	1:55:A:GLY:H	1:122:A:ASP:HB3	3	0.83
(17,315)	1:136:A:CYS:HA	1:140:A:LEU:H	12	0.83
(16,2432)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	3	0.83
(16,2432)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	3	0.83
(16,2432)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	3	0.83
(16,2432)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	3	0.83
(16,2432)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	3	0.83
(16,2432)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	3	0.83
(16,2332)	1:107:A:LEU:HD11	1:115:A:ALA:H	16	0.83
(16,2332)	1:107:A:LEU:HD12	1:115:A:ALA:H	16	0.83
(16,2332)	1:107:A:LEU:HD13	1:115:A:ALA:H	16	0.83
(16,2332)	1:107:A:LEU:HD21	1:115:A:ALA:H	16	0.83
(16,2332)	1:107:A:LEU:HD22	1:115:A:ALA:H	16	0.83
(16,2332)	1:107:A:LEU:HD23	1:115:A:ALA:H	16	0.83
(16,2092)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	5	0.83
(16,2092)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	5	0.83
(16,2092)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	5	0.83
(16,2092)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	5	0.83
(16,2092)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	5	0.83
(16,2092)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	5	0.83
(16,1932)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	1	0.83
(16,1932)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	1	0.83
(16,1932)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	1	0.83
(16,1932)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	1	0.83
(16,1758)	1:95:A:ILE:HG21	1:97:A:ASP:HA	13	0.83
(16,1758)	1:95:A:ILE:HG22	1:97:A:ASP:HA	13	0.83
(16,1758)	1:95:A:ILE:HG23	1:97:A:ASP:HA	13	0.83
(16,1634)	1:134:A:VAL:HG21	1:137:A:SER:H	7	0.83
(16,1634)	1:134:A:VAL:HG22	1:137:A:SER:H	7	0.83
(16,1634)	1:134:A:VAL:HG23	1:137:A:SER:H	7	0.83
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD21	5	0.83
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD22	5	0.83
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD23	5	0.83
(16,1393)	1:19:A:ALA:HB1	1:132:A:ALA:HA	14	0.83
(16,1393)	1:19:A:ALA:HB2	1:132:A:ALA:HA	14	0.83
(16,1393)	1:19:A:ALA:HB3	1:132:A:ALA:HA	14	0.83
(16,1369)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	19	0.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1369)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	19	0.83
(16,1369)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	19	0.83
(16,1367)	1:39:A:VAL:HG11	1:144:A:LEU:H	3	0.83
(16,1367)	1:39:A:VAL:HG12	1:144:A:LEU:H	3	0.83
(16,1367)	1:39:A:VAL:HG13	1:144:A:LEU:H	3	0.83
(16,835)	1:114:A:ILE:HD11	1:117:A:VAL:H	15	0.83
(16,835)	1:114:A:ILE:HD12	1:117:A:VAL:H	15	0.83
(16,835)	1:114:A:ILE:HD13	1:117:A:VAL:H	15	0.83
(16,221)	1:108:A:GLU:H	1:111:A:GLU:HG3	5	0.83
(16,90)	1:96:A:VAL:H	1:97:A:ASP:H	2	0.83
(15,1993)	1:18:A:PHE:HB2	1:132:A:ALA:H	13	0.83
(15,1993)	1:18:A:PHE:HB3	1:132:A:ALA:H	13	0.83
(15,1846)	1:18:A:PHE:HA	1:113:A:PHE:HE1	10	0.83
(15,1846)	1:18:A:PHE:HA	1:113:A:PHE:HE2	10	0.83
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD2	12	0.83
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD3	12	0.83
(15,1610)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	5	0.83
(15,1610)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	5	0.83
(15,1610)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	5	0.83
(15,762)	1:13:A:ALA:HB1	1:34:A:LYS:H	18	0.83
(15,762)	1:13:A:ALA:HB2	1:34:A:LYS:H	18	0.83
(15,762)	1:13:A:ALA:HB3	1:34:A:LYS:H	18	0.83
(15,321)	1:136:A:CYS:HA	1:140:A:LEU:H	12	0.83
(13,2313)	1:107:A:LEU:HD11	1:115:A:ALA:H	16	0.83
(13,2313)	1:107:A:LEU:HD12	1:115:A:ALA:H	16	0.83
(13,2313)	1:107:A:LEU:HD13	1:115:A:ALA:H	16	0.83
(13,2313)	1:107:A:LEU:HD21	1:115:A:ALA:H	16	0.83
(13,2313)	1:107:A:LEU:HD22	1:115:A:ALA:H	16	0.83
(13,2313)	1:107:A:LEU:HD23	1:115:A:ALA:H	16	0.83
(13,1934)	1:12:A:VAL:HG11	1:32:A:GLY:HA2	10	0.83
(13,1934)	1:12:A:VAL:HG12	1:32:A:GLY:HA2	10	0.83
(13,1934)	1:12:A:VAL:HG13	1:32:A:GLY:HA2	10	0.83
(13,1934)	1:12:A:VAL:HG21	1:32:A:GLY:HA2	10	0.83
(13,1934)	1:12:A:VAL:HG22	1:32:A:GLY:HA2	10	0.83
(13,1934)	1:12:A:VAL:HG23	1:32:A:GLY:HA2	10	0.83
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	6	0.83
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	6	0.83
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	6	0.83
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	6	0.83
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	6	0.83
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	6	0.83
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	6	0.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	6	0.83
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	6	0.83
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	6	0.83
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	6	0.83
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	6	0.83
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD21	5	0.83
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD22	5	0.83
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD23	5	0.83
(13,1109)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	4	0.83
(13,1109)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	4	0.83
(13,1109)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	4	0.83
(13,1109)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	4	0.83
(13,1109)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	4	0.83
(13,1109)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	4	0.83
(13,812)	1:114:A:ILE:HD11	1:117:A:VAL:H	15	0.83
(13,812)	1:114:A:ILE:HD12	1:117:A:VAL:H	15	0.83
(13,812)	1:114:A:ILE:HD13	1:117:A:VAL:H	15	0.83
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG2	19	0.83
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG3	19	0.83
(13,568)	1:11:A:ILE:HD11	1:16:A:SER:H	17	0.83
(13,568)	1:11:A:ILE:HD12	1:16:A:SER:H	17	0.83
(13,568)	1:11:A:ILE:HD13	1:16:A:SER:H	17	0.83
(13,89)	1:96:A:VAL:H	1:97:A:ASP:H	6	0.83
(11,2238)	1:66:A:THR:H	1:70:A:LYS:HD2	18	0.83
(11,2238)	1:66:A:THR:H	1:70:A:LYS:HD3	18	0.83
(11,2096)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	5	0.83
(11,2096)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	5	0.83
(11,2096)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	5	0.83
(11,2096)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	5	0.83
(11,2096)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	5	0.83
(11,2096)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	5	0.83
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	11	0.83
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	11	0.83
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	11	0.83
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD21	11	0.83
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD22	11	0.83
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD23	11	0.83
(11,1921)	1:150:A:THR:H	1:151:A:PHE:HD1	5	0.83
(11,1921)	1:150:A:THR:H	1:151:A:PHE:HD2	5	0.83
(11,1879)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	3	0.83
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	10	0.83
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	10	0.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1384)	1:39:A:VAL:HG11	1:144:A:LEU:H	3	0.83
(11,1384)	1:39:A:VAL:HG12	1:144:A:LEU:H	3	0.83
(11,1384)	1:39:A:VAL:HG13	1:144:A:LEU:H	3	0.83
(11,1239)	1:34:A:LYS:H	1:81:A:GLU:HA	13	0.83
(11,1145)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	4	0.83
(11,1145)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	4	0.83
(11,1145)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	4	0.83
(11,1145)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	4	0.83
(11,1145)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	4	0.83
(11,1145)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	4	0.83
(11,1017)	1:27:A:ARG:HB2	1:28:A:GLY:H	17	0.83
(11,1001)	1:35:A:LEU:HG	1:143:A:TRP:HB3	18	0.83
(11,583)	1:128:A:LEU:HD11	1:130:A:GLY:H	6	0.83
(11,583)	1:128:A:LEU:HD12	1:130:A:GLY:H	6	0.83
(11,583)	1:128:A:LEU:HD13	1:130:A:GLY:H	6	0.83
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	9	0.83
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	9	0.83
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	9	0.83
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	9	0.83
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	9	0.83
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	9	0.83
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	9	0.83
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	9	0.83
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	9	0.83
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	9	0.83
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	9	0.83
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	9	0.83
(9,1937)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	1	0.83
(9,1937)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	1	0.83
(9,1937)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	1	0.83
(9,1937)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	1	0.83
(9,1731)	1:31:A:PRO:HB2	1:35:A:LEU:HA	15	0.83
(9,1731)	1:31:A:PRO:HB3	1:35:A:LEU:HA	15	0.83
(9,1355)	1:118:A:ASP:HA	1:121:A:VAL:HG11	15	0.83
(9,1355)	1:118:A:ASP:HA	1:121:A:VAL:HG12	15	0.83
(9,1355)	1:118:A:ASP:HA	1:121:A:VAL:HG13	15	0.83
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB1	8	0.83
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB2	8	0.83
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB3	8	0.83
(9,1008)	1:27:A:ARG:HB2	1:28:A:GLY:H	17	0.83
(9,917)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	6	0.83
(9,917)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	6	0.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,917)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	6	0.83
(9,823)	1:114:A:ILE:HD11	1:117:A:VAL:H	15	0.83
(9,823)	1:114:A:ILE:HD12	1:117:A:VAL:H	15	0.83
(9,823)	1:114:A:ILE:HD13	1:117:A:VAL:H	15	0.83
(9,786)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	11	0.83
(9,786)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	11	0.83
(9,786)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	11	0.83
(9,786)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	11	0.83
(9,786)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	11	0.83
(9,786)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	11	0.83
(9,327)	1:136:A:CYS:HA	1:140:A:LEU:H	12	0.83
(7,2319)	1:107:A:LEU:HD11	1:112:A:GLN:HA	16	0.83
(7,2319)	1:107:A:LEU:HD12	1:112:A:GLN:HA	16	0.83
(7,2319)	1:107:A:LEU:HD13	1:112:A:GLN:HA	16	0.83
(7,2319)	1:107:A:LEU:HD21	1:112:A:GLN:HA	16	0.83
(7,2319)	1:107:A:LEU:HD22	1:112:A:GLN:HA	16	0.83
(7,2319)	1:107:A:LEU:HD23	1:112:A:GLN:HA	16	0.83
(7,2215)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	1	0.83
(7,2215)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	1	0.83
(7,2120)	1:43:A:MET:HE1	1:46:A:ASN:HB2	13	0.83
(7,2120)	1:43:A:MET:HE1	1:46:A:ASN:HB3	13	0.83
(7,2120)	1:43:A:MET:HE2	1:46:A:ASN:HB2	13	0.83
(7,2120)	1:43:A:MET:HE2	1:46:A:ASN:HB3	13	0.83
(7,2120)	1:43:A:MET:HE3	1:46:A:ASN:HB2	13	0.83
(7,2120)	1:43:A:MET:HE3	1:46:A:ASN:HB3	13	0.83
(7,1906)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	1	0.83
(7,1906)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	1	0.83
(7,1906)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	1	0.83
(7,1906)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	1	0.83
(7,1833)	1:18:A:PHE:HA	1:113:A:PHE:HE1	10	0.83
(7,1833)	1:18:A:PHE:HA	1:113:A:PHE:HE2	10	0.83
(7,1826)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	17	0.83
(7,1785)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	3	0.83
(7,1785)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	3	0.83
(7,1785)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	3	0.83
(7,1785)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	3	0.83
(7,1785)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	3	0.83
(7,1785)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	3	0.83
(7,1348)	1:39:A:VAL:HG11	1:144:A:LEU:H	3	0.83
(7,1348)	1:39:A:VAL:HG12	1:144:A:LEU:H	3	0.83
(7,1348)	1:39:A:VAL:HG13	1:144:A:LEU:H	3	0.83
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	9	0.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	9	0.83
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	9	0.83
(7,1022)	1:11:A:ILE:HA	1:14:A:VAL:HB	9	0.83
(7,1022)	1:11:A:ILE:HA	1:14:A:VAL:HB	19	0.83
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	9	0.83
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	9	0.83
(7,816)	1:114:A:ILE:HD11	1:117:A:VAL:H	15	0.83
(7,816)	1:114:A:ILE:HD12	1:117:A:VAL:H	15	0.83
(7,816)	1:114:A:ILE:HD13	1:117:A:VAL:H	15	0.83
(7,775)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	1	0.83
(7,775)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	1	0.83
(7,775)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	1	0.83
(7,69)	1:44:A:GLU:HG2	1:45:A:ALA:H	10	0.83
(6,2210)	1:60:A:LEU:HD11	1:61:A:SER:HB2	17	0.83
(6,2210)	1:60:A:LEU:HD11	1:61:A:SER:HB3	17	0.83
(6,2210)	1:60:A:LEU:HD12	1:61:A:SER:HB2	17	0.83
(6,2210)	1:60:A:LEU:HD12	1:61:A:SER:HB3	17	0.83
(6,2210)	1:60:A:LEU:HD13	1:61:A:SER:HB2	17	0.83
(6,2210)	1:60:A:LEU:HD13	1:61:A:SER:HB3	17	0.83
(6,2030)	1:18:A:PHE:HA	1:117:A:VAL:HG11	19	0.83
(6,2030)	1:18:A:PHE:HA	1:117:A:VAL:HG12	19	0.83
(6,2030)	1:18:A:PHE:HA	1:117:A:VAL:HG13	19	0.83
(6,2030)	1:18:A:PHE:HA	1:117:A:VAL:HG21	19	0.83
(6,2030)	1:18:A:PHE:HA	1:117:A:VAL:HG22	19	0.83
(6,2030)	1:18:A:PHE:HA	1:117:A:VAL:HG23	19	0.83
(6,2001)	1:14:A:VAL:HG11	1:18:A:PHE:HB2	13	0.83
(6,2001)	1:14:A:VAL:HG12	1:18:A:PHE:HB2	13	0.83
(6,2001)	1:14:A:VAL:HG13	1:18:A:PHE:HB2	13	0.83
(6,2001)	1:14:A:VAL:HG21	1:18:A:PHE:HB2	13	0.83
(6,2001)	1:14:A:VAL:HG22	1:18:A:PHE:HB2	13	0.83
(6,2001)	1:14:A:VAL:HG23	1:18:A:PHE:HB2	13	0.83
(6,1891)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	3	0.83
(6,1891)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	3	0.83
(6,1891)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	3	0.83
(6,1891)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	3	0.83
(6,1891)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	18	0.83
(6,1891)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	18	0.83
(6,1891)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	18	0.83
(6,1891)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	18	0.83
(6,1871)	1:9:A:PHE:HE1	1:14:A:VAL:HB	4	0.83
(6,1871)	1:9:A:PHE:HE2	1:14:A:VAL:HB	4	0.83
(6,1660)	1:69:A:MET:HE1	1:116:A:GLN:HE22	6	0.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1660)	1:69:A:MET:HE2	1:116:A:GLN:HE22	6	0.83
(6,1660)	1:69:A:MET:HE3	1:116:A:GLN:HE22	6	0.83
(6,1656)	1:134:A:VAL:HG21	1:137:A:SER:H	7	0.83
(6,1656)	1:134:A:VAL:HG22	1:137:A:SER:H	7	0.83
(6,1656)	1:134:A:VAL:HG23	1:137:A:SER:H	7	0.83
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD2	12	0.83
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD3	12	0.83
(6,1577)	1:63:A:ILE:HD11	1:113:A:PHE:HA	11	0.83
(6,1577)	1:63:A:ILE:HD12	1:113:A:PHE:HA	11	0.83
(6,1577)	1:63:A:ILE:HD13	1:113:A:PHE:HA	11	0.83
(6,1279)	1:66:A:THR:HG21	1:96:A:VAL:H	11	0.83
(6,1279)	1:66:A:THR:HG22	1:96:A:VAL:H	11	0.83
(6,1279)	1:66:A:THR:HG23	1:96:A:VAL:H	11	0.83
(6,1121)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	4	0.83
(6,1121)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	4	0.83
(6,1121)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	4	0.83
(6,1121)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	4	0.83
(6,1121)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	4	0.83
(6,1121)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	4	0.83
(6,1027)	1:11:A:ILE:HA	1:14:A:VAL:HB	9	0.83
(6,1027)	1:11:A:ILE:HA	1:14:A:VAL:HB	19	0.83
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	8	0.83
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	8	0.83
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	8	0.83
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	17	0.83
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	17	0.83
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	17	0.83
(6,314)	1:136:A:CYS:HA	1:140:A:LEU:H	12	0.83
(5,2250)	1:70:A:LYS:HG2	1:71:A:LYS:H	8	0.83
(5,2250)	1:70:A:LYS:HG3	1:71:A:LYS:H	8	0.83
(5,2036)	1:28:A:GLY:HA2	1:30:A:LEU:HD11	3	0.83
(5,2036)	1:28:A:GLY:HA2	1:30:A:LEU:HD12	3	0.83
(5,2036)	1:28:A:GLY:HA2	1:30:A:LEU:HD13	3	0.83
(5,2036)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	3	0.83
(5,2036)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	3	0.83
(5,2036)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	3	0.83
(5,2036)	1:28:A:GLY:HA3	1:30:A:LEU:HD11	3	0.83
(5,2036)	1:28:A:GLY:HA3	1:30:A:LEU:HD12	3	0.83
(5,2036)	1:28:A:GLY:HA3	1:30:A:LEU:HD13	3	0.83
(5,2036)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	3	0.83
(5,2036)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	3	0.83
(5,2036)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	3	0.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1749)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.83
(5,1749)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.83
(5,1749)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.83
(5,1749)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.83
(5,1749)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.83
(5,1749)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.83
(5,1660)	1:134:A:VAL:HG21	1:137:A:SER:H	7	0.83
(5,1660)	1:134:A:VAL:HG22	1:137:A:SER:H	7	0.83
(5,1660)	1:134:A:VAL:HG23	1:137:A:SER:H	7	0.83
(5,1623)	1:73:A:ILE:HG21	1:111:A:GLU:H	9	0.83
(5,1623)	1:73:A:ILE:HG22	1:111:A:GLU:H	9	0.83
(5,1623)	1:73:A:ILE:HG23	1:111:A:GLU:H	9	0.83
(5,1562)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	4	0.83
(5,1562)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	4	0.83
(5,1562)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	4	0.83
(5,1562)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	4	0.83
(5,1562)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	4	0.83
(5,1562)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	4	0.83
(5,1381)	1:39:A:VAL:HG11	1:144:A:LEU:H	3	0.83
(5,1381)	1:39:A:VAL:HG12	1:144:A:LEU:H	3	0.83
(5,1381)	1:39:A:VAL:HG13	1:144:A:LEU:H	3	0.83
(5,1311)	1:66:A:THR:HG21	1:96:A:VAL:H	11	0.83
(5,1311)	1:66:A:THR:HG22	1:96:A:VAL:H	11	0.83
(5,1311)	1:66:A:THR:HG23	1:96:A:VAL:H	11	0.83
(5,1296)	1:14:A:VAL:HG21	1:60:A:LEU:H	4	0.83
(5,1296)	1:14:A:VAL:HG22	1:60:A:LEU:H	4	0.83
(5,1296)	1:14:A:VAL:HG23	1:60:A:LEU:H	4	0.83
(5,1123)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	12	0.83
(5,1123)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	12	0.83
(5,1123)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	12	0.83
(5,1123)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	12	0.83
(5,1123)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	12	0.83
(5,1123)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	12	0.83
(5,1051)	1:11:A:ILE:HA	1:14:A:VAL:HB	9	0.83
(5,1051)	1:11:A:ILE:HA	1:14:A:VAL:HB	19	0.83
(5,936)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	6	0.83
(5,936)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	6	0.83
(5,936)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	18	0.83
(5,936)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	18	0.83
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG2	17	0.83
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG3	17	0.83
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG2	17	0.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG3	17	0.83
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG2	17	0.83
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG3	17	0.83
(5,826)	1:114:A:ILE:HD11	1:117:A:VAL:H	15	0.83
(5,826)	1:114:A:ILE:HD12	1:117:A:VAL:H	15	0.83
(5,826)	1:114:A:ILE:HD13	1:117:A:VAL:H	15	0.83
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	5	0.83
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	5	0.83
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	5	0.83
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	5	0.83
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	5	0.83
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	5	0.83
(5,569)	1:11:A:ILE:HD11	1:16:A:SER:H	17	0.83
(5,569)	1:11:A:ILE:HD12	1:16:A:SER:H	17	0.83
(5,569)	1:11:A:ILE:HD13	1:16:A:SER:H	17	0.83
(5,310)	1:136:A:CYS:HA	1:140:A:LEU:H	12	0.83
(5,228)	1:112:A:GLN:HG2	1:114:A:ILE:H	12	0.83
(5,228)	1:112:A:GLN:HG3	1:114:A:ILE:H	12	0.83
(4,2335)	1:107:A:LEU:HD11	1:115:A:ALA:H	16	0.83
(4,2335)	1:107:A:LEU:HD12	1:115:A:ALA:H	16	0.83
(4,2335)	1:107:A:LEU:HD13	1:115:A:ALA:H	16	0.83
(4,2335)	1:107:A:LEU:HD21	1:115:A:ALA:H	16	0.83
(4,2335)	1:107:A:LEU:HD22	1:115:A:ALA:H	16	0.83
(4,2335)	1:107:A:LEU:HD23	1:115:A:ALA:H	16	0.83
(4,2145)	1:43:A:MET:HE1	1:46:A:ASN:HB2	13	0.83
(4,2145)	1:43:A:MET:HE1	1:46:A:ASN:HB3	13	0.83
(4,2145)	1:43:A:MET:HE2	1:46:A:ASN:HB2	13	0.83
(4,2145)	1:43:A:MET:HE2	1:46:A:ASN:HB3	13	0.83
(4,2145)	1:43:A:MET:HE3	1:46:A:ASN:HB2	13	0.83
(4,2145)	1:43:A:MET:HE3	1:46:A:ASN:HB3	13	0.83
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD11	2	0.83
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD12	2	0.83
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD13	2	0.83
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD21	2	0.83
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD22	2	0.83
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD23	2	0.83
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	12	0.83
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	12	0.83
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	12	0.83
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	0.83
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	0.83
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	0.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	12	0.83
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	12	0.83
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	12	0.83
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	0.83
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	0.83
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	0.83
(4,2012)	1:18:A:PHE:HB2	1:132:A:ALA:H	13	0.83
(4,2012)	1:18:A:PHE:HB3	1:132:A:ALA:H	13	0.83
(4,1912)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	17	0.83
(4,1912)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	17	0.83
(4,1833)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	17	0.83
(4,1826)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	8	0.83
(4,1826)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	8	0.83
(4,1826)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	8	0.83
(4,1826)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	8	0.83
(4,1826)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	8	0.83
(4,1826)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	8	0.83
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD21	11	0.83
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD22	11	0.83
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD23	11	0.83
(4,1389)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	18	0.83
(4,1389)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	18	0.83
(4,1389)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	18	0.83
(4,1330)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	17	0.83
(4,1330)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	17	0.83
(4,1330)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	17	0.83
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD21	5	0.83
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD22	5	0.83
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD23	5	0.83
(4,924)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	2	0.83
(4,924)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	2	0.83
(4,924)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	2	0.83
(4,924)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	2	0.83
(4,821)	1:114:A:ILE:HD11	1:117:A:VAL:H	15	0.83
(4,821)	1:114:A:ILE:HD12	1:117:A:VAL:H	15	0.83
(4,821)	1:114:A:ILE:HD13	1:117:A:VAL:H	15	0.83
(4,310)	1:136:A:CYS:HA	1:140:A:LEU:H	12	0.83
(3,2086)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	11	0.83
(3,2086)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	11	0.83
(3,2086)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	11	0.83
(3,2086)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	11	0.83
(3,1910)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	3	0.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1910)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	3	0.83
(3,1910)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	3	0.83
(3,1910)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	3	0.83
(3,1910)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	18	0.83
(3,1910)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	18	0.83
(3,1910)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	18	0.83
(3,1910)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	18	0.83
(3,1891)	1:18:A:PHE:HA	1:113:A:PHE:HE1	10	0.83
(3,1891)	1:18:A:PHE:HA	1:113:A:PHE:HE2	10	0.83
(3,1885)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	3	0.83
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD1	3	0.83
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD2	3	0.83
(3,1773)	1:31:A:PRO:HB2	1:35:A:LEU:HA	15	0.83
(3,1773)	1:31:A:PRO:HB3	1:35:A:LEU:HA	15	0.83
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	10	0.83
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	10	0.83
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	10	0.83
(3,1585)	1:11:A:ILE:HB	1:40:A:LEU:HD11	14	0.83
(3,1585)	1:11:A:ILE:HB	1:40:A:LEU:HD12	14	0.83
(3,1585)	1:11:A:ILE:HB	1:40:A:LEU:HD13	14	0.83
(3,1391)	1:39:A:VAL:HG11	1:144:A:LEU:H	3	0.83
(3,1391)	1:39:A:VAL:HG12	1:144:A:LEU:H	3	0.83
(3,1391)	1:39:A:VAL:HG13	1:144:A:LEU:H	3	0.83
(3,1315)	1:66:A:THR:HG21	1:96:A:VAL:H	11	0.83
(3,1315)	1:66:A:THR:HG22	1:96:A:VAL:H	11	0.83
(3,1315)	1:66:A:THR:HG23	1:96:A:VAL:H	11	0.83
(3,1271)	1:40:A:LEU:HA	1:40:A:LEU:HD21	3	0.83
(3,1271)	1:40:A:LEU:HA	1:40:A:LEU:HD22	3	0.83
(3,1271)	1:40:A:LEU:HA	1:40:A:LEU:HD23	3	0.83
(3,966)	1:39:A:VAL:HA	1:140:A:LEU:HD11	9	0.83
(3,966)	1:39:A:VAL:HA	1:140:A:LEU:HD12	9	0.83
(3,966)	1:39:A:VAL:HA	1:140:A:LEU:HD13	9	0.83
(3,841)	1:114:A:ILE:HD11	1:117:A:VAL:H	15	0.83
(3,841)	1:114:A:ILE:HD12	1:117:A:VAL:H	15	0.83
(3,841)	1:114:A:ILE:HD13	1:117:A:VAL:H	15	0.83
(3,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	14	0.83
(3,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	14	0.83
(3,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	14	0.83
(3,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	14	0.83
(3,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	14	0.83
(3,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	14	0.83
(3,381)	1:40:A:LEU:HD11	1:41:A:LYS:H	3	0.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,381)	1:40:A:LEU:HD12	1:41:A:LYS:H	3	0.83
(3,381)	1:40:A:LEU:HD13	1:41:A:LYS:H	3	0.83
(3,381)	1:40:A:LEU:HD11	1:41:A:LYS:H	11	0.83
(3,381)	1:40:A:LEU:HD12	1:41:A:LYS:H	11	0.83
(3,381)	1:40:A:LEU:HD13	1:41:A:LYS:H	11	0.83
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG11	8	0.83
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG12	8	0.83
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG13	8	0.83
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG21	8	0.83
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG22	8	0.83
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG23	8	0.83
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG11	8	0.83
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG12	8	0.83
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG13	8	0.83
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG21	8	0.83
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG22	8	0.83
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG23	8	0.83
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG11	8	0.83
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG12	8	0.83
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG13	8	0.83
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG21	8	0.83
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG22	8	0.83
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG23	8	0.83
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG11	8	0.83
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG12	8	0.83
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG13	8	0.83
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG21	8	0.83
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG22	8	0.83
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG23	8	0.83
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG11	8	0.83
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG12	8	0.83
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG13	8	0.83
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG21	8	0.83
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG22	8	0.83
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG23	8	0.83
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG11	8	0.83
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG12	8	0.83
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG13	8	0.83
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG21	8	0.83
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG22	8	0.83
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG23	8	0.83
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE1	11	0.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE2	11	0.83
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE3	11	0.83
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE1	18	0.83
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE2	18	0.83
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE3	18	0.83
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	8	0.83
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	8	0.83
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	8	0.83
(2,821)	1:114:A:ILE:HD11	1:117:A:VAL:H	15	0.83
(2,821)	1:114:A:ILE:HD12	1:117:A:VAL:H	15	0.83
(2,821)	1:114:A:ILE:HD13	1:117:A:VAL:H	15	0.83
(2,560)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	18	0.83
(2,89)	1:96:A:VAL:H	1:97:A:ASP:H	6	0.83
(1,2211)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	4	0.83
(1,2211)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	4	0.83
(1,2211)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	4	0.83
(1,2211)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	4	0.83
(1,2211)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	16	0.83
(1,2211)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	16	0.83
(1,2211)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	16	0.83
(1,2211)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	16	0.83
(1,1970)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	12	0.83
(1,1970)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	12	0.83
(1,1970)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	12	0.83
(1,1970)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	12	0.83
(1,1970)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	12	0.83
(1,1970)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	12	0.83
(1,1970)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	12	0.83
(1,1970)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	12	0.83
(1,1970)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	12	0.83
(1,1970)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	12	0.83
(1,1970)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	12	0.83
(1,1970)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	12	0.83
(1,1882)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	10	0.83
(1,1882)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	10	0.83
(1,1877)	1:18:A:PHE:HA	1:113:A:PHE:HE1	10	0.83
(1,1877)	1:18:A:PHE:HA	1:113:A:PHE:HE2	10	0.83
(1,1864)	1:80:A:TYR:HE1	1:81:A:GLU:HB2	3	0.83
(1,1864)	1:80:A:TYR:HE2	1:81:A:GLU:HB2	3	0.83
(1,1709)	1:43:A:MET:HE1	1:131:A:LEU:HA	12	0.83
(1,1709)	1:43:A:MET:HE2	1:131:A:LEU:HA	12	0.83
(1,1709)	1:43:A:MET:HE3	1:131:A:LEU:HA	12	0.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1658)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	11	0.83
(1,1658)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	11	0.83
(1,1658)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	11	0.83
(1,1563)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	4	0.83
(1,1563)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	4	0.83
(1,1563)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	4	0.83
(1,1563)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	4	0.83
(1,1563)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	4	0.83
(1,1563)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	4	0.83
(1,1412)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	18	0.83
(1,1412)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	18	0.83
(1,1412)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	18	0.83
(1,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	12	0.83
(1,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	12	0.83
(1,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	12	0.83
(1,1295)	1:66:A:THR:HG21	1:96:A:VAL:H	11	0.83
(1,1295)	1:66:A:THR:HG22	1:96:A:VAL:H	11	0.83
(1,1295)	1:66:A:THR:HG23	1:96:A:VAL:H	11	0.83
(1,1211)	1:41:A:LYS:HG3	1:44:A:GLU:HG3	18	0.83
(1,852)	1:45:A:ALA:HA	1:48:A:ARG:HD2	5	0.83
(1,852)	1:45:A:ALA:HA	1:48:A:ARG:HD3	5	0.83
(1,832)	1:98:A:ILE:HD11	1:101:A:ILE:HB	8	0.83
(1,832)	1:98:A:ILE:HD12	1:101:A:ILE:HB	8	0.83
(1,832)	1:98:A:ILE:HD13	1:101:A:ILE:HB	8	0.83
(1,579)	1:11:A:ILE:HD11	1:16:A:SER:H	17	0.83
(1,579)	1:11:A:ILE:HD12	1:16:A:SER:H	17	0.83
(1,579)	1:11:A:ILE:HD13	1:16:A:SER:H	17	0.83
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD21	5	0.83
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD22	5	0.83
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD23	5	0.83
(1,176)	1:95:A:ILE:H	1:95:A:ILE:HB	18	0.83
(34,2207)	1:60:A:LEU:HG	1:61:A:SER:HB2	19	0.82
(34,2207)	1:60:A:LEU:HG	1:61:A:SER:HB3	19	0.82
(34,2023)	1:18:A:PHE:HA	1:117:A:VAL:HG11	6	0.82
(34,2023)	1:18:A:PHE:HA	1:117:A:VAL:HG12	6	0.82
(34,2023)	1:18:A:PHE:HA	1:117:A:VAL:HG13	6	0.82
(34,2023)	1:18:A:PHE:HA	1:117:A:VAL:HG21	6	0.82
(34,2023)	1:18:A:PHE:HA	1:117:A:VAL:HG22	6	0.82
(34,2023)	1:18:A:PHE:HA	1:117:A:VAL:HG23	6	0.82
(34,1935)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	7	0.82
(34,1935)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	7	0.82
(34,1804)	1:13:A:ALA:HA	1:80:A:TYR:HD1	12	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1804)	1:13:A:ALA:HA	1:80:A:TYR:HD2	12	0.82
(34,1775)	1:97:A:ASP:HA	1:105:A:LYS:HG3	17	0.82
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE1	13	0.82
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE2	13	0.82
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE3	13	0.82
(34,1379)	1:118:A:ASP:HA	1:121:A:VAL:HG11	15	0.82
(34,1379)	1:118:A:ASP:HA	1:121:A:VAL:HG12	15	0.82
(34,1379)	1:118:A:ASP:HA	1:121:A:VAL:HG13	15	0.82
(34,1275)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	15	0.82
(34,1275)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	15	0.82
(34,1275)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	15	0.82
(34,1275)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	15	0.82
(34,1275)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	15	0.82
(34,1275)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	15	0.82
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD11	11	0.82
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD12	11	0.82
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD13	11	0.82
(34,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD21	17	0.82
(34,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD22	17	0.82
(34,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD23	17	0.82
(34,1044)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	10	0.82
(34,1044)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	10	0.82
(34,1044)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	10	0.82
(34,1044)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	10	0.82
(34,943)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	19	0.82
(34,943)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	19	0.82
(34,939)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	6	0.82
(34,939)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	6	0.82
(34,939)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	6	0.82
(34,939)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	8	0.82
(34,939)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	8	0.82
(34,939)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	8	0.82
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	13	0.82
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	13	0.82
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	13	0.82
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	13	0.82
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	13	0.82
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	13	0.82
(34,754)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	18	0.82
(34,754)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	18	0.82
(34,754)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	18	0.82
(34,688)	1:132:A:ALA:H	1:133:A:ASN:HB2	19	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,643)	1:59:A:CYS:H	1:60:A:LEU:HB3	6	0.82
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	17	0.82
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	17	0.82
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	17	0.82
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	17	0.82
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	17	0.82
(33,2029)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	17	0.82
(33,1846)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	8	0.82
(33,1846)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	8	0.82
(33,1846)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	8	0.82
(33,1846)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	8	0.82
(33,1846)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	8	0.82
(33,1846)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	8	0.82
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD11	14	0.82
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD12	14	0.82
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD13	14	0.82
(33,1567)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	16	0.82
(33,1567)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	16	0.82
(33,1567)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	16	0.82
(33,1567)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	16	0.82
(33,1567)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	16	0.82
(33,1567)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	16	0.82
(33,1567)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	16	0.82
(33,1567)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	16	0.82
(33,1567)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	16	0.82
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD11	11	0.82
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD12	11	0.82
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD13	11	0.82
(33,1041)	1:11:A:ILE:HA	1:14:A:VAL:HB	4	0.82
(33,935)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	17	0.82
(33,935)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	17	0.82
(33,935)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	17	0.82
(33,935)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	17	0.82
(33,748)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	18	0.82
(33,748)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	18	0.82
(33,748)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	18	0.82
(33,375)	1:41:A:LYS:H	1:44:A:GLU:HG2	4	0.82
(33,254)	1:27:A:ARG:HA	1:29:A:LYS:H	6	0.82
(32,2469)	1:140:A:LEU:HD11	1:143:A:TRP:HD1	10	0.82
(32,2469)	1:140:A:LEU:HD12	1:143:A:TRP:HD1	10	0.82
(32,2469)	1:140:A:LEU:HD13	1:143:A:TRP:HD1	10	0.82
(32,2469)	1:140:A:LEU:HD21	1:143:A:TRP:HD1	10	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2469)	1:140:A:LEU:HD22	1:143:A:TRP:HD1	10	0.82
(32,2469)	1:140:A:LEU:HD23	1:143:A:TRP:HD1	10	0.82
(32,2162)	1:47:A:ALA:H	1:134:A:VAL:HG11	11	0.82
(32,2162)	1:47:A:ALA:H	1:134:A:VAL:HG12	11	0.82
(32,2162)	1:47:A:ALA:H	1:134:A:VAL:HG13	11	0.82
(32,2162)	1:47:A:ALA:H	1:134:A:VAL:HG21	11	0.82
(32,2162)	1:47:A:ALA:H	1:134:A:VAL:HG22	11	0.82
(32,2162)	1:47:A:ALA:H	1:134:A:VAL:HG23	11	0.82
(32,2038)	1:31:A:PRO:HD2	1:35:A:LEU:HG	13	0.82
(32,2038)	1:31:A:PRO:HD3	1:35:A:LEU:HG	13	0.82
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	17	0.82
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	17	0.82
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	17	0.82
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	17	0.82
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	17	0.82
(32,1996)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	17	0.82
(32,1938)	1:12:A:VAL:HG11	1:43:A:MET:HB2	18	0.82
(32,1938)	1:12:A:VAL:HG12	1:43:A:MET:HB2	18	0.82
(32,1938)	1:12:A:VAL:HG13	1:43:A:MET:HB2	18	0.82
(32,1938)	1:12:A:VAL:HG21	1:43:A:MET:HB2	18	0.82
(32,1938)	1:12:A:VAL:HG22	1:43:A:MET:HB2	18	0.82
(32,1938)	1:12:A:VAL:HG23	1:43:A:MET:HB2	18	0.82
(32,1810)	1:79:A:THR:HB	1:80:A:TYR:HE1	10	0.82
(32,1810)	1:79:A:THR:HB	1:80:A:TYR:HE2	10	0.82
(32,1751)	1:13:A:ALA:HA	1:80:A:TYR:HD1	12	0.82
(32,1751)	1:13:A:ALA:HA	1:80:A:TYR:HD2	12	0.82
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD11	14	0.82
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD12	14	0.82
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD13	14	0.82
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG21	15	0.82
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG22	15	0.82
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG23	15	0.82
(32,1365)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	2	0.82
(32,1365)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	2	0.82
(32,1365)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	2	0.82
(32,987)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	10	0.82
(32,987)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	10	0.82
(32,987)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	10	0.82
(32,987)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	10	0.82
(32,902)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	17	0.82
(32,902)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	17	0.82
(32,902)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	17	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,902)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	17	0.82
(32,732)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	18	0.82
(32,732)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	18	0.82
(32,732)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	18	0.82
(32,607)	1:35:A:LEU:H	1:80:A:TYR:HB2	16	0.82
(32,549)	1:116:A:GLN:H	1:116:A:GLN:HE22	19	0.82
(32,249)	1:27:A:ARG:HA	1:29:A:LYS:H	6	0.82
(30,2346)	1:107:A:LEU:HD11	1:112:A:GLN:HA	5	0.82
(30,2346)	1:107:A:LEU:HD12	1:112:A:GLN:HA	5	0.82
(30,2346)	1:107:A:LEU:HD13	1:112:A:GLN:HA	5	0.82
(30,2346)	1:107:A:LEU:HD21	1:112:A:GLN:HA	5	0.82
(30,2346)	1:107:A:LEU:HD22	1:112:A:GLN:HA	5	0.82
(30,2346)	1:107:A:LEU:HD23	1:112:A:GLN:HA	5	0.82
(30,1827)	1:9:A:PHE:HZ	1:57:A:LEU:HA	16	0.82
(30,1790)	1:13:A:ALA:HA	1:80:A:TYR:HD1	12	0.82
(30,1790)	1:13:A:ALA:HA	1:80:A:TYR:HD2	12	0.82
(30,1710)	1:141:A:LYS:HA	1:145:A:PRO:HD3	3	0.82
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	14	0.82
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	14	0.82
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	14	0.82
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE1	3	0.82
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE2	3	0.82
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE3	3	0.82
(30,1359)	1:39:A:VAL:HG11	1:144:A:LEU:H	9	0.82
(30,1359)	1:39:A:VAL:HG12	1:144:A:LEU:H	9	0.82
(30,1359)	1:39:A:VAL:HG13	1:144:A:LEU:H	9	0.82
(30,1007)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	10	0.82
(30,1007)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	10	0.82
(30,1007)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	10	0.82
(30,1007)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	10	0.82
(30,926)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	17	0.82
(30,926)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	17	0.82
(30,926)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	17	0.82
(30,926)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	17	0.82
(30,913)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	6	0.82
(30,913)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	6	0.82
(30,913)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	6	0.82
(30,913)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	8	0.82
(30,913)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	8	0.82
(30,913)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	8	0.82
(29,2073)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	13	0.82
(29,2073)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	13	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2073)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	13	0.82
(29,2073)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	13	0.82
(29,2073)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	13	0.82
(29,2073)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	13	0.82
(29,2073)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	13	0.82
(29,2073)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	13	0.82
(29,2073)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	13	0.82
(29,2073)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	13	0.82
(29,2073)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	13	0.82
(29,2073)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	13	0.82
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	17	0.82
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	17	0.82
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	17	0.82
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	17	0.82
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	17	0.82
(29,2046)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	17	0.82
(29,1965)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	8	0.82
(29,1965)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	8	0.82
(29,1965)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	8	0.82
(29,1965)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	8	0.82
(29,1894)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	13	0.82
(29,1894)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	13	0.82
(29,1894)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	13	0.82
(29,1894)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	13	0.82
(29,1854)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	1	0.82
(29,1854)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	1	0.82
(29,1854)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	1	0.82
(29,1810)	1:13:A:ALA:HA	1:80:A:TYR:HD1	12	0.82
(29,1810)	1:13:A:ALA:HA	1:80:A:TYR:HD2	12	0.82
(29,1713)	1:52:A:CYS:HA	1:124:A:THR:HB	1	0.82
(29,1676)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	8	0.82
(29,1676)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	8	0.82
(29,1676)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	8	0.82
(29,1676)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	8	0.82
(29,1676)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	8	0.82
(29,1676)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	8	0.82
(29,1676)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	8	0.82
(29,1676)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	8	0.82
(29,1676)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	8	0.82
(29,1624)	1:105:A:LYS:H	1:107:A:LEU:HD21	11	0.82
(29,1624)	1:105:A:LYS:H	1:107:A:LEU:HD22	11	0.82
(29,1624)	1:105:A:LYS:H	1:107:A:LEU:HD23	11	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE1	13	0.82
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE2	13	0.82
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE3	13	0.82
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	3	0.82
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	3	0.82
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	3	0.82
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	3	0.82
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	3	0.82
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	3	0.82
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	3	0.82
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	3	0.82
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	3	0.82
(29,1369)	1:39:A:VAL:HG11	1:144:A:LEU:H	9	0.82
(29,1369)	1:39:A:VAL:HG12	1:144:A:LEU:H	9	0.82
(29,1369)	1:39:A:VAL:HG13	1:144:A:LEU:H	9	0.82
(29,1363)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	9	0.82
(29,1363)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	9	0.82
(29,1363)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	9	0.82
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD11	18	0.82
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD12	18	0.82
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD13	18	0.82
(29,1078)	1:71:A:LYS:HG3	1:72:A:PHE:HA	16	0.82
(29,940)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	17	0.82
(29,940)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	17	0.82
(29,940)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	17	0.82
(29,940)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	17	0.82
(29,934)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	19	0.82
(29,934)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	19	0.82
(29,761)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	18	0.82
(29,761)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	18	0.82
(29,761)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	18	0.82
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE1	3	0.82
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE2	3	0.82
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE3	3	0.82
(29,257)	1:27:A:ARG:HA	1:29:A:LYS:H	6	0.82
(22,38)	1:120:A:CYS:N	1:116:A:GLN:C	15	0.82
(22,32)	1:117:A:VAL:N	1:113:A:PHE:C	14	0.82
(22,31)	1:117:A:VAL:H	1:113:A:PHE:C	13	0.82
(22,31)	1:117:A:VAL:H	1:113:A:PHE:C	16	0.82
(22,26)	1:114:A:ILE:N	1:110:A:MET:C	1	0.82
(22,24)	1:113:A:PHE:N	1:109:A:PRO:C	7	0.82
(22,24)	1:113:A:PHE:N	1:109:A:PRO:C	13	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(22,24)	1:113:A:PHE:N	1:109:A:PRO:C	14	0.82
(22,21)	1:107:A:LEU:H	1:103:A:ARG:C	10	0.82
(22,21)	1:107:A:LEU:H	1:103:A:ARG:C	13	0.82
(22,14)	1:60:A:LEU:N	1:56:A:CYS:C	6	0.82
(22,14)	1:60:A:LEU:N	1:56:A:CYS:C	13	0.82
(22,13)	1:60:A:LEU:H	1:56:A:CYS:C	4	0.82
(22,13)	1:60:A:LEU:H	1:56:A:CYS:C	7	0.82
(22,13)	1:60:A:LEU:H	1:56:A:CYS:C	8	0.82
(22,13)	1:60:A:LEU:H	1:56:A:CYS:C	19	0.82
(22,5)	1:44:A:GLU:H	1:40:A:LEU:C	6	0.82
(18,2317)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	3	0.82
(18,2317)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	3	0.82
(18,2317)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	3	0.82
(18,2317)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	3	0.82
(18,2317)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	3	0.82
(18,2317)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	3	0.82
(18,2317)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	3	0.82
(18,2317)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	3	0.82
(18,2317)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	3	0.82
(18,2317)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	3	0.82
(18,2317)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	3	0.82
(18,2317)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	3	0.82
(18,2226)	1:60:A:LEU:HD11	1:123:A:CYS:H	1	0.82
(18,2226)	1:60:A:LEU:HD12	1:123:A:CYS:H	1	0.82
(18,2226)	1:60:A:LEU:HD13	1:123:A:CYS:H	1	0.82
(18,2226)	1:60:A:LEU:HD21	1:123:A:CYS:H	1	0.82
(18,2226)	1:60:A:LEU:HD22	1:123:A:CYS:H	1	0.82
(18,2226)	1:60:A:LEU:HD23	1:123:A:CYS:H	1	0.82
(18,1564)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	16	0.82
(18,1564)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	16	0.82
(18,1564)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	16	0.82
(18,1564)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	16	0.82
(18,1564)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	16	0.82
(18,1564)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	16	0.82
(18,1564)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	16	0.82
(18,1564)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	16	0.82
(18,1564)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	16	0.82
(18,1343)	1:141:A:LYS:HB2	1:149:A:ALA:HA	8	0.82
(18,1343)	1:141:A:LYS:HB3	1:149:A:ALA:HA	8	0.82
(18,1135)	1:40:A:LEU:HA	1:44:A:GLU:HB2	16	0.82
(18,1135)	1:40:A:LEU:HA	1:44:A:GLU:HB3	16	0.82
(18,927)	1:125:A:THR:HB	1:128:A:LEU:HB2	7	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,908)	1:67:A:PRO:HD3	1:95:A:ILE:HB	6	0.82
(18,121)	1:79:A:THR:H	1:80:A:TYR:H	16	0.82
(17,2409)	1:129:A:LYS:HG2	1:130:A:GLY:H	19	0.82
(17,2409)	1:129:A:LYS:HG3	1:130:A:GLY:H	19	0.82
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD11	8	0.82
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD12	8	0.82
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD13	8	0.82
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD21	8	0.82
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD22	8	0.82
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD23	8	0.82
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD11	8	0.82
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD12	8	0.82
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD13	8	0.82
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD21	8	0.82
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD22	8	0.82
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD23	8	0.82
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD11	8	0.82
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD12	8	0.82
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD13	8	0.82
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD21	8	0.82
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD22	8	0.82
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD23	8	0.82
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD11	2	0.82
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD12	2	0.82
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD13	2	0.82
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD21	2	0.82
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD22	2	0.82
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD23	2	0.82
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD11	2	0.82
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD12	2	0.82
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD13	2	0.82
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD21	2	0.82
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD22	2	0.82
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD23	2	0.82
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD11	2	0.82
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD12	2	0.82
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD13	2	0.82
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD21	2	0.82
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD22	2	0.82
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD23	2	0.82
(17,2073)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	17	0.82
(17,2073)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	17	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2073)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	17	0.82
(17,2073)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	17	0.82
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	13	0.82
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	13	0.82
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	13	0.82
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	13	0.82
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	13	0.82
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	13	0.82
(17,2008)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	9	0.82
(17,2008)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	9	0.82
(17,2008)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	9	0.82
(17,2008)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	9	0.82
(17,2008)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	9	0.82
(17,2008)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	9	0.82
(17,2008)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	9	0.82
(17,2008)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	9	0.82
(17,2008)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	9	0.82
(17,2008)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	9	0.82
(17,2008)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	9	0.82
(17,2008)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	9	0.82
(17,2008)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	9	0.82
(17,2008)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	9	0.82
(17,2008)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	9	0.82
(17,2008)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	9	0.82
(17,2008)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	9	0.82
(17,2008)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	9	0.82
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE1	8	0.82
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE2	8	0.82
(17,1841)	1:9:A:PHE:HZ	1:57:A:LEU:HA	16	0.82
(17,1803)	1:13:A:ALA:HA	1:80:A:TYR:HD1	12	0.82
(17,1803)	1:13:A:ALA:HA	1:80:A:TYR:HD2	12	0.82
(17,1754)	1:31:A:PRO:HB2	1:35:A:LEU:HA	11	0.82
(17,1754)	1:31:A:PRO:HB3	1:35:A:LEU:HA	11	0.82
(17,1625)	1:105:A:LYS:H	1:107:A:LEU:HD21	11	0.82
(17,1625)	1:105:A:LYS:H	1:107:A:LEU:HD22	11	0.82
(17,1625)	1:105:A:LYS:H	1:107:A:LEU:HD23	11	0.82
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE1	3	0.82
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE2	3	0.82
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE3	3	0.82
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	3	0.82
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	3	0.82
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	3	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1379)	1:39:A:VAL:HG11	1:144:A:LEU:H	9	0.82
(17,1379)	1:39:A:VAL:HG12	1:144:A:LEU:H	9	0.82
(17,1379)	1:39:A:VAL:HG13	1:144:A:LEU:H	9	0.82
(17,1365)	1:141:A:LYS:HB2	1:149:A:ALA:HA	8	0.82
(17,1365)	1:141:A:LYS:HB3	1:149:A:ALA:HA	8	0.82
(17,1255)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	16	0.82
(17,1255)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	16	0.82
(17,1255)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	16	0.82
(17,1255)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	16	0.82
(17,1255)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	16	0.82
(17,1255)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	16	0.82
(17,1240)	1:136:A:CYS:HA	1:140:A:LEU:HD11	3	0.82
(17,1240)	1:136:A:CYS:HA	1:140:A:LEU:HD12	3	0.82
(17,1240)	1:136:A:CYS:HA	1:140:A:LEU:HD13	3	0.82
(17,1163)	1:13:A:ALA:HB1	1:80:A:TYR:HA	1	0.82
(17,1163)	1:13:A:ALA:HB2	1:80:A:TYR:HA	1	0.82
(17,1163)	1:13:A:ALA:HB3	1:80:A:TYR:HA	1	0.82
(17,1129)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	9	0.82
(17,1129)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	9	0.82
(17,160)	1:127:A:CYS:H	1:128:A:LEU:HG	19	0.82
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	19	0.82
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	19	0.82
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	19	0.82
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	19	0.82
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	19	0.82
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	19	0.82
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	19	0.82
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	19	0.82
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	19	0.82
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	19	0.82
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	19	0.82
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	19	0.82
(16,2329)	1:107:A:LEU:HD11	1:112:A:GLN:HA	5	0.82
(16,2329)	1:107:A:LEU:HD12	1:112:A:GLN:HA	5	0.82
(16,2329)	1:107:A:LEU:HD13	1:112:A:GLN:HA	5	0.82
(16,2329)	1:107:A:LEU:HD21	1:112:A:GLN:HA	5	0.82
(16,2329)	1:107:A:LEU:HD22	1:112:A:GLN:HA	5	0.82
(16,2329)	1:107:A:LEU:HD23	1:112:A:GLN:HA	5	0.82
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD11	16	0.82
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD12	16	0.82
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD13	16	0.82
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD21	16	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD22	16	0.82
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD23	16	0.82
(16,1920)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	16	0.82
(16,1920)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	16	0.82
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD11	14	0.82
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD12	14	0.82
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD13	14	0.82
(16,1566)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	16	0.82
(16,1566)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	16	0.82
(16,1566)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	16	0.82
(16,1566)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	16	0.82
(16,1566)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	16	0.82
(16,1566)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	16	0.82
(16,1566)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	16	0.82
(16,1566)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	16	0.82
(16,1566)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	16	0.82
(16,1503)	1:11:A:ILE:HA	1:43:A:MET:HE1	16	0.82
(16,1503)	1:11:A:ILE:HA	1:43:A:MET:HE2	16	0.82
(16,1503)	1:11:A:ILE:HA	1:43:A:MET:HE3	16	0.82
(16,1400)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	2	0.82
(16,1400)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	2	0.82
(16,1400)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	2	0.82
(16,1367)	1:39:A:VAL:HG11	1:144:A:LEU:H	9	0.82
(16,1367)	1:39:A:VAL:HG12	1:144:A:LEU:H	9	0.82
(16,1367)	1:39:A:VAL:HG13	1:144:A:LEU:H	9	0.82
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG11	18	0.82
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG12	18	0.82
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG13	18	0.82
(16,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	10	0.82
(16,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	10	0.82
(16,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	10	0.82
(16,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	10	0.82
(16,937)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	19	0.82
(16,937)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	19	0.82
(16,846)	1:45:A:ALA:HA	1:48:A:ARG:HD2	11	0.82
(16,846)	1:45:A:ALA:HA	1:48:A:ARG:HD3	11	0.82
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	13	0.82
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	13	0.82
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	13	0.82
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	2	0.82
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	2	0.82
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	2	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	2	0.82
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	2	0.82
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	2	0.82
(16,758)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	18	0.82
(16,758)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	18	0.82
(16,758)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	18	0.82
(16,745)	1:46:A:ASN:HD21	1:134:A:VAL:HA	7	0.82
(16,262)	1:27:A:ARG:HA	1:29:A:LYS:H	6	0.82
(16,118)	1:79:A:THR:H	1:80:A:TYR:H	16	0.82
(15,2237)	1:70:A:LYS:HG2	1:71:A:LYS:H	5	0.82
(15,2237)	1:70:A:LYS:HG3	1:71:A:LYS:H	5	0.82
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	17	0.82
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	17	0.82
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	17	0.82
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	17	0.82
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	17	0.82
(15,2004)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	17	0.82
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD11	8	0.82
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD12	8	0.82
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD13	8	0.82
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD21	8	0.82
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD22	8	0.82
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD23	8	0.82
(15,1904)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	7	0.82
(15,1904)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	7	0.82
(15,1777)	1:13:A:ALA:HA	1:80:A:TYR:HD1	12	0.82
(15,1777)	1:13:A:ALA:HA	1:80:A:TYR:HD2	12	0.82
(15,1771)	1:13:A:ALA:H	1:80:A:TYR:HD1	8	0.82
(15,1771)	1:13:A:ALA:H	1:80:A:TYR:HD2	8	0.82
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD21	12	0.82
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD22	12	0.82
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD23	12	0.82
(15,1602)	1:105:A:LYS:H	1:107:A:LEU:HD21	11	0.82
(15,1602)	1:105:A:LYS:H	1:107:A:LEU:HD22	11	0.82
(15,1602)	1:105:A:LYS:H	1:107:A:LEU:HD23	11	0.82
(15,1386)	1:19:A:ALA:HB1	1:132:A:ALA:HA	14	0.82
(15,1386)	1:19:A:ALA:HB2	1:132:A:ALA:HA	14	0.82
(15,1386)	1:19:A:ALA:HB3	1:132:A:ALA:HA	14	0.82
(15,1231)	1:136:A:CYS:HA	1:140:A:LEU:HD11	3	0.82
(15,1231)	1:136:A:CYS:HA	1:140:A:LEU:HD12	3	0.82
(15,1231)	1:136:A:CYS:HA	1:140:A:LEU:HD13	3	0.82
(15,921)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	19	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,921)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	19	0.82
(15,842)	1:45:A:ALA:H	1:48:A:ARG:HD2	15	0.82
(15,842)	1:45:A:ALA:H	1:48:A:ARG:HD3	15	0.82
(15,750)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	18	0.82
(15,750)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	18	0.82
(15,750)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	18	0.82
(15,675)	1:63:A:ILE:HG12	1:117:A:VAL:H	7	0.82
(15,164)	1:127:A:CYS:H	1:128:A:LEU:HG	19	0.82
(15,32)	1:96:A:VAL:H	1:97:A:ASP:H	8	0.82
(15,32)	1:96:A:VAL:H	1:97:A:ASP:H	19	0.82
(15,14)	1:64:A:LYS:H	1:116:A:GLN:HG2	6	0.82
(13,2311)	1:107:A:LEU:HD11	1:112:A:GLN:HA	5	0.82
(13,2311)	1:107:A:LEU:HD12	1:112:A:GLN:HA	5	0.82
(13,2311)	1:107:A:LEU:HD13	1:112:A:GLN:HA	5	0.82
(13,2311)	1:107:A:LEU:HD21	1:112:A:GLN:HA	5	0.82
(13,2311)	1:107:A:LEU:HD22	1:112:A:GLN:HA	5	0.82
(13,2311)	1:107:A:LEU:HD23	1:112:A:GLN:HA	5	0.82
(13,1908)	1:10:A:ASN:HD21	1:80:A:TYR:HB3	3	0.82
(13,1908)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	3	0.82
(13,1903)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	8	0.82
(13,1903)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	8	0.82
(13,1903)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	8	0.82
(13,1903)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	8	0.82
(13,1550)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	16	0.82
(13,1550)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	16	0.82
(13,1550)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	16	0.82
(13,1550)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	16	0.82
(13,1550)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	16	0.82
(13,1550)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	16	0.82
(13,1550)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	16	0.82
(13,1550)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	16	0.82
(13,1550)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	16	0.82
(13,1375)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	2	0.82
(13,1375)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	2	0.82
(13,1375)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	2	0.82
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	17	0.82
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	17	0.82
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	17	0.82
(13,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	10	0.82
(13,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	10	0.82
(13,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	10	0.82
(13,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	10	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,911)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	17	0.82
(13,911)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	17	0.82
(13,911)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	17	0.82
(13,911)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	17	0.82
(13,906)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	19	0.82
(13,906)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	19	0.82
(13,901)	1:125:A:THR:HB	1:128:A:LEU:HB2	7	0.82
(13,732)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	18	0.82
(13,732)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	18	0.82
(13,732)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	18	0.82
(13,701)	1:45:A:ALA:H	1:48:A:ARG:HE	9	0.82
(13,574)	1:126:A:GLY:H	1:128:A:LEU:HG	3	0.82
(11,2418)	1:134:A:VAL:HG11	1:137:A:SER:H	5	0.82
(11,2418)	1:134:A:VAL:HG12	1:137:A:SER:H	5	0.82
(11,2418)	1:134:A:VAL:HG13	1:137:A:SER:H	5	0.82
(11,2418)	1:134:A:VAL:HG21	1:137:A:SER:H	5	0.82
(11,2418)	1:134:A:VAL:HG22	1:137:A:SER:H	5	0.82
(11,2418)	1:134:A:VAL:HG23	1:137:A:SER:H	5	0.82
(11,2217)	1:60:A:LEU:HG	1:61:A:SER:HB2	19	0.82
(11,2217)	1:60:A:LEU:HG	1:61:A:SER:HB3	19	0.82
(11,2135)	1:39:A:VAL:HG11	1:144:A:LEU:H	15	0.82
(11,2135)	1:39:A:VAL:HG12	1:144:A:LEU:H	15	0.82
(11,2135)	1:39:A:VAL:HG13	1:144:A:LEU:H	15	0.82
(11,2135)	1:39:A:VAL:HG21	1:144:A:LEU:H	15	0.82
(11,2135)	1:39:A:VAL:HG22	1:144:A:LEU:H	15	0.82
(11,2135)	1:39:A:VAL:HG23	1:144:A:LEU:H	15	0.82
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	14	0.82
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	14	0.82
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	14	0.82
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	14	0.82
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	14	0.82
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	14	0.82
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	14	0.82
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	14	0.82
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	14	0.82
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	14	0.82
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	14	0.82
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	14	0.82
(11,1997)	1:12:A:VAL:HG11	1:43:A:MET:HE1	15	0.82
(11,1997)	1:12:A:VAL:HG11	1:43:A:MET:HE2	15	0.82
(11,1997)	1:12:A:VAL:HG11	1:43:A:MET:HE3	15	0.82
(11,1997)	1:12:A:VAL:HG12	1:43:A:MET:HE1	15	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1997)	1:12:A:VAL:HG12	1:43:A:MET:HE2	15	0.82
(11,1997)	1:12:A:VAL:HG12	1:43:A:MET:HE3	15	0.82
(11,1997)	1:12:A:VAL:HG13	1:43:A:MET:HE1	15	0.82
(11,1997)	1:12:A:VAL:HG13	1:43:A:MET:HE2	15	0.82
(11,1997)	1:12:A:VAL:HG13	1:43:A:MET:HE3	15	0.82
(11,1997)	1:12:A:VAL:HG21	1:43:A:MET:HE1	15	0.82
(11,1997)	1:12:A:VAL:HG21	1:43:A:MET:HE2	15	0.82
(11,1997)	1:12:A:VAL:HG21	1:43:A:MET:HE3	15	0.82
(11,1997)	1:12:A:VAL:HG22	1:43:A:MET:HE1	15	0.82
(11,1997)	1:12:A:VAL:HG22	1:43:A:MET:HE2	15	0.82
(11,1997)	1:12:A:VAL:HG22	1:43:A:MET:HE3	15	0.82
(11,1997)	1:12:A:VAL:HG23	1:43:A:MET:HE1	15	0.82
(11,1997)	1:12:A:VAL:HG23	1:43:A:MET:HE2	15	0.82
(11,1997)	1:12:A:VAL:HG23	1:43:A:MET:HE3	15	0.82
(11,1996)	1:12:A:VAL:HG11	1:43:A:MET:H	6	0.82
(11,1996)	1:12:A:VAL:HG12	1:43:A:MET:H	6	0.82
(11,1996)	1:12:A:VAL:HG13	1:43:A:MET:H	6	0.82
(11,1996)	1:12:A:VAL:HG21	1:43:A:MET:H	6	0.82
(11,1996)	1:12:A:VAL:HG22	1:43:A:MET:H	6	0.82
(11,1996)	1:12:A:VAL:HG23	1:43:A:MET:H	6	0.82
(11,1962)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	8	0.82
(11,1962)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	8	0.82
(11,1962)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	8	0.82
(11,1962)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	8	0.82
(11,1800)	1:97:A:ASP:HA	1:105:A:LYS:HG3	17	0.82
(11,1610)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	16	0.82
(11,1610)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	16	0.82
(11,1610)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	16	0.82
(11,1610)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	16	0.82
(11,1610)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	16	0.82
(11,1610)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	16	0.82
(11,1610)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	16	0.82
(11,1610)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	16	0.82
(11,1610)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	16	0.82
(11,1582)	1:60:A:LEU:HA	1:117:A:VAL:HG21	15	0.82
(11,1582)	1:60:A:LEU:HA	1:117:A:VAL:HG22	15	0.82
(11,1582)	1:60:A:LEU:HA	1:117:A:VAL:HG23	15	0.82
(11,1384)	1:39:A:VAL:HG11	1:144:A:LEU:H	9	0.82
(11,1384)	1:39:A:VAL:HG12	1:144:A:LEU:H	9	0.82
(11,1384)	1:39:A:VAL:HG13	1:144:A:LEU:H	9	0.82
(11,971)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	3	0.82
(11,971)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	3	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,940)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	19	0.82
(11,873)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	15	0.82
(11,873)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	15	0.82
(11,873)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	15	0.82
(11,839)	1:45:A:ALA:H	1:48:A:ARG:HD2	15	0.82
(11,839)	1:45:A:ALA:H	1:48:A:ARG:HD3	15	0.82
(11,747)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	18	0.82
(11,747)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	18	0.82
(11,747)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	18	0.82
(11,378)	1:41:A:LYS:H	1:44:A:GLU:HG2	4	0.82
(11,119)	1:79:A:THR:H	1:80:A:TYR:H	16	0.82
(9,2239)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	16	0.82
(9,2239)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	16	0.82
(9,2239)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	16	0.82
(9,2239)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	16	0.82
(9,2239)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	16	0.82
(9,2239)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	16	0.82
(9,2239)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	16	0.82
(9,2239)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	16	0.82
(9,2239)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	16	0.82
(9,2239)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	16	0.82
(9,2239)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	16	0.82
(9,2239)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	16	0.82
(9,2239)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	16	0.82
(9,2239)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	16	0.82
(9,2239)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	16	0.82
(9,2239)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	16	0.82
(9,2239)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	16	0.82
(9,2239)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	16	0.82
(9,2029)	1:28:A:GLY:HA2	1:30:A:LEU:HD11	3	0.82
(9,2029)	1:28:A:GLY:HA2	1:30:A:LEU:HD12	3	0.82
(9,2029)	1:28:A:GLY:HA2	1:30:A:LEU:HD13	3	0.82
(9,2029)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	3	0.82
(9,2029)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	3	0.82
(9,2029)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	3	0.82
(9,2029)	1:28:A:GLY:HA3	1:30:A:LEU:HD11	3	0.82
(9,2029)	1:28:A:GLY:HA3	1:30:A:LEU:HD12	3	0.82
(9,2029)	1:28:A:GLY:HA3	1:30:A:LEU:HD13	3	0.82
(9,2029)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	3	0.82
(9,2029)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	3	0.82
(9,2029)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	3	0.82
(9,2023)	1:23:A:LEU:HD11	1:147:A:ARG:H	12	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2023)	1:23:A:LEU:HD12	1:147:A:ARG:H	12	0.82
(9,2023)	1:23:A:LEU:HD13	1:147:A:ARG:H	12	0.82
(9,2023)	1:23:A:LEU:HD21	1:147:A:ARG:H	12	0.82
(9,2023)	1:23:A:LEU:HD22	1:147:A:ARG:H	12	0.82
(9,2023)	1:23:A:LEU:HD23	1:147:A:ARG:H	12	0.82
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE1	8	0.82
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE2	8	0.82
(9,1781)	1:13:A:ALA:HA	1:80:A:TYR:HD1	12	0.82
(9,1781)	1:13:A:ALA:HA	1:80:A:TYR:HD2	12	0.82
(9,1777)	1:13:A:ALA:H	1:80:A:TYR:HD1	8	0.82
(9,1777)	1:13:A:ALA:H	1:80:A:TYR:HD2	8	0.82
(9,1575)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	16	0.82
(9,1575)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	16	0.82
(9,1575)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	16	0.82
(9,1575)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	16	0.82
(9,1575)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	16	0.82
(9,1575)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	16	0.82
(9,1575)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	16	0.82
(9,1575)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	16	0.82
(9,1575)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	16	0.82
(9,1287)	1:66:A:THR:HG21	1:96:A:VAL:H	4	0.82
(9,1287)	1:66:A:THR:HG22	1:96:A:VAL:H	4	0.82
(9,1287)	1:66:A:THR:HG23	1:96:A:VAL:H	4	0.82
(9,1272)	1:28:A:GLY:HA2	1:30:A:LEU:HD11	19	0.82
(9,1272)	1:28:A:GLY:HA2	1:30:A:LEU:HD12	19	0.82
(9,1272)	1:28:A:GLY:HA2	1:30:A:LEU:HD13	19	0.82
(9,1272)	1:28:A:GLY:HA3	1:30:A:LEU:HD11	19	0.82
(9,1272)	1:28:A:GLY:HA3	1:30:A:LEU:HD12	19	0.82
(9,1272)	1:28:A:GLY:HA3	1:30:A:LEU:HD13	19	0.82
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD11	18	0.82
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD12	18	0.82
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD13	18	0.82
(9,924)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	19	0.82
(9,924)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	19	0.82
(9,919)	1:125:A:THR:HB	1:128:A:LEU:HB2	7	0.82
(9,815)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	17	0.82
(9,815)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	17	0.82
(9,815)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	17	0.82
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	5	0.82
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	5	0.82
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	5	0.82
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	5	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	5	0.82
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	5	0.82
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	5	0.82
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	5	0.82
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	5	0.82
(9,744)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	18	0.82
(9,744)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	18	0.82
(9,744)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	18	0.82
(9,717)	1:73:A:ILE:HG21	1:76:A:ARG:HE	18	0.82
(9,717)	1:73:A:ILE:HG22	1:76:A:ARG:HE	18	0.82
(9,717)	1:73:A:ILE:HG23	1:76:A:ARG:HE	18	0.82
(9,634)	1:59:A:CYS:H	1:60:A:LEU:HB3	6	0.82
(9,118)	1:79:A:THR:H	1:80:A:TYR:H	16	0.82
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD11	7	0.82
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD12	7	0.82
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD13	7	0.82
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD21	7	0.82
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD22	7	0.82
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD23	7	0.82
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD11	12	0.82
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD12	12	0.82
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD13	12	0.82
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD21	12	0.82
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD22	12	0.82
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD23	12	0.82
(7,1792)	1:9:A:PHE:HZ	1:57:A:LEU:HA	16	0.82
(7,1553)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	16	0.82
(7,1553)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	16	0.82
(7,1553)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	16	0.82
(7,1553)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	16	0.82
(7,1553)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	16	0.82
(7,1553)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	16	0.82
(7,1553)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	16	0.82
(7,1553)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	16	0.82
(7,1553)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	16	0.82
(7,1487)	1:43:A:MET:HE1	1:44:A:GLU:HA	8	0.82
(7,1487)	1:43:A:MET:HE2	1:44:A:GLU:HA	8	0.82
(7,1487)	1:43:A:MET:HE3	1:44:A:GLU:HA	8	0.82
(7,1348)	1:39:A:VAL:HG11	1:144:A:LEU:H	9	0.82
(7,1348)	1:39:A:VAL:HG12	1:144:A:LEU:H	9	0.82
(7,1348)	1:39:A:VAL:HG13	1:144:A:LEU:H	9	0.82
(7,1333)	1:141:A:LYS:HB2	1:149:A:ALA:HA	15	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1333)	1:141:A:LYS:HB3	1:149:A:ALA:HA	15	0.82
(7,1269)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	5	0.82
(7,1269)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	5	0.82
(7,1269)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	5	0.82
(7,1133)	1:13:A:ALA:HB1	1:80:A:TYR:HA	1	0.82
(7,1133)	1:13:A:ALA:HB2	1:80:A:TYR:HA	1	0.82
(7,1133)	1:13:A:ALA:HB3	1:80:A:TYR:HA	1	0.82
(7,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	10	0.82
(7,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	10	0.82
(7,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	10	0.82
(7,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	10	0.82
(7,919)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	17	0.82
(7,919)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	17	0.82
(7,919)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	17	0.82
(7,919)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	17	0.82
(7,912)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	19	0.82
(7,912)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	19	0.82
(7,258)	1:27:A:ARG:HA	1:29:A:LYS:H	6	0.82
(6,2431)	1:134:A:VAL:HG11	1:137:A:SER:H	3	0.82
(6,2431)	1:134:A:VAL:HG12	1:137:A:SER:H	3	0.82
(6,2431)	1:134:A:VAL:HG13	1:137:A:SER:H	3	0.82
(6,2431)	1:134:A:VAL:HG21	1:137:A:SER:H	3	0.82
(6,2431)	1:134:A:VAL:HG22	1:137:A:SER:H	3	0.82
(6,2431)	1:134:A:VAL:HG23	1:137:A:SER:H	3	0.82
(6,2410)	1:129:A:LYS:HG2	1:130:A:GLY:H	19	0.82
(6,2410)	1:129:A:LYS:HG3	1:130:A:GLY:H	19	0.82
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	7	0.82
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	7	0.82
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	7	0.82
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	7	0.82
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	7	0.82
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	7	0.82
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	7	0.82
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	7	0.82
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	7	0.82
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	7	0.82
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	7	0.82
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	7	0.82
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	7	0.82
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	7	0.82
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	7	0.82
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	7	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	7	0.82
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	7	0.82
(6,2209)	1:60:A:LEU:HG	1:61:A:SER:HB2	19	0.82
(6,2209)	1:60:A:LEU:HG	1:61:A:SER:HB3	19	0.82
(6,1891)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	14	0.82
(6,1891)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	14	0.82
(6,1891)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	14	0.82
(6,1891)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	14	0.82
(6,1830)	1:9:A:PHE:HZ	1:57:A:LEU:HA	16	0.82
(6,1579)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	16	0.82
(6,1579)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	16	0.82
(6,1579)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	16	0.82
(6,1579)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	16	0.82
(6,1579)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	16	0.82
(6,1579)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	16	0.82
(6,1579)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	16	0.82
(6,1579)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	16	0.82
(6,1579)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	16	0.82
(6,1003)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	10	0.82
(6,1003)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	10	0.82
(6,1003)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	10	0.82
(6,1003)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	10	0.82
(6,915)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	19	0.82
(6,915)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	19	0.82
(6,910)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	6	0.82
(6,910)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	6	0.82
(6,910)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	6	0.82
(6,910)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	8	0.82
(6,910)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	8	0.82
(6,910)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	8	0.82
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	5	0.82
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	5	0.82
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	5	0.82
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	5	0.82
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	5	0.82
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	5	0.82
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	5	0.82
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	5	0.82
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	5	0.82
(6,630)	1:59:A:CYS:H	1:60:A:LEU:HB3	6	0.82
(5,2479)	1:146:A:GLN:HG2	1:148:A:CYS:H	5	0.82
(5,2479)	1:146:A:GLN:HG3	1:148:A:CYS:H	5	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1981)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	1	0.82
(5,1981)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	1	0.82
(5,1981)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	1	0.82
(5,1981)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	1	0.82
(5,1981)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	1	0.82
(5,1981)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	1	0.82
(5,1959)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	8	0.82
(5,1959)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	8	0.82
(5,1959)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	8	0.82
(5,1959)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	8	0.82
(5,1925)	1:150:A:THR:H	1:151:A:PHE:HD1	5	0.82
(5,1925)	1:150:A:THR:H	1:151:A:PHE:HD2	5	0.82
(5,1790)	1:97:A:ASP:HA	1:105:A:LYS:HG3	17	0.82
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD11	14	0.82
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD12	14	0.82
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD13	14	0.82
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD11	15	0.82
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD12	15	0.82
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD13	15	0.82
(5,1623)	1:73:A:ILE:HG21	1:111:A:GLU:H	7	0.82
(5,1623)	1:73:A:ILE:HG22	1:111:A:GLU:H	7	0.82
(5,1623)	1:73:A:ILE:HG23	1:111:A:GLU:H	7	0.82
(5,1419)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	14	0.82
(5,1419)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	14	0.82
(5,1419)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	14	0.82
(5,1417)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	9	0.82
(5,1417)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	9	0.82
(5,1417)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	9	0.82
(5,1381)	1:39:A:VAL:HG11	1:144:A:LEU:H	9	0.82
(5,1381)	1:39:A:VAL:HG12	1:144:A:LEU:H	9	0.82
(5,1381)	1:39:A:VAL:HG13	1:144:A:LEU:H	9	0.82
(5,1286)	1:28:A:GLY:HA2	1:30:A:LEU:HD11	19	0.82
(5,1286)	1:28:A:GLY:HA2	1:30:A:LEU:HD12	19	0.82
(5,1286)	1:28:A:GLY:HA2	1:30:A:LEU:HD13	19	0.82
(5,1286)	1:28:A:GLY:HA3	1:30:A:LEU:HD11	19	0.82
(5,1286)	1:28:A:GLY:HA3	1:30:A:LEU:HD12	19	0.82
(5,1286)	1:28:A:GLY:HA3	1:30:A:LEU:HD13	19	0.82
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD11	18	0.82
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD12	18	0.82
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD13	18	0.82
(5,988)	1:105:A:LYS:HD2	1:107:A:LEU:H	14	0.82
(5,988)	1:105:A:LYS:HD3	1:107:A:LEU:H	14	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,932)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	17	0.82
(5,932)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	17	0.82
(5,932)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	17	0.82
(5,932)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	17	0.82
(5,923)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	19	0.82
(5,923)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	19	0.82
(5,839)	1:45:A:ALA:H	1:48:A:ARG:HD2	15	0.82
(5,839)	1:45:A:ALA:H	1:48:A:ARG:HD3	15	0.82
(5,705)	1:28:A:GLY:H	1:30:A:LEU:HB2	17	0.82
(5,705)	1:28:A:GLY:H	1:30:A:LEU:HB3	17	0.82
(5,630)	1:9:A:PHE:HE1	1:15:A:ALA:H	5	0.82
(5,630)	1:9:A:PHE:HE2	1:15:A:ALA:H	5	0.82
(5,501)	1:70:A:LYS:HE2	1:71:A:LYS:H	15	0.82
(5,501)	1:70:A:LYS:HE3	1:71:A:LYS:H	15	0.82
(4,2199)	1:60:A:LEU:HD11	1:120:A:CYS:HA	7	0.82
(4,2199)	1:60:A:LEU:HD12	1:120:A:CYS:HA	7	0.82
(4,2199)	1:60:A:LEU:HD13	1:120:A:CYS:HA	7	0.82
(4,2199)	1:60:A:LEU:HD21	1:120:A:CYS:HA	7	0.82
(4,2199)	1:60:A:LEU:HD22	1:120:A:CYS:HA	7	0.82
(4,2199)	1:60:A:LEU:HD23	1:120:A:CYS:HA	7	0.82
(4,2199)	1:60:A:LEU:HD11	1:120:A:CYS:HA	15	0.82
(4,2199)	1:60:A:LEU:HD12	1:120:A:CYS:HA	15	0.82
(4,2199)	1:60:A:LEU:HD13	1:120:A:CYS:HA	15	0.82
(4,2199)	1:60:A:LEU:HD21	1:120:A:CYS:HA	15	0.82
(4,2199)	1:60:A:LEU:HD22	1:120:A:CYS:HA	15	0.82
(4,2199)	1:60:A:LEU:HD23	1:120:A:CYS:HA	15	0.82
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD11	4	0.82
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD12	4	0.82
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD13	4	0.82
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD21	4	0.82
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD22	4	0.82
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD23	4	0.82
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD11	19	0.82
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD12	19	0.82
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD13	19	0.82
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD21	19	0.82
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD22	19	0.82
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD23	19	0.82
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	19	0.82
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	19	0.82
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	19	0.82
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD21	19	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD22	19	0.82
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD23	19	0.82
(4,1561)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	16	0.82
(4,1561)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	16	0.82
(4,1561)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	16	0.82
(4,1561)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	16	0.82
(4,1561)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	16	0.82
(4,1561)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	16	0.82
(4,1561)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	16	0.82
(4,1561)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	16	0.82
(4,1561)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	16	0.82
(4,1334)	1:141:A:LYS:HB2	1:149:A:ALA:HA	8	0.82
(4,1334)	1:141:A:LYS:HB3	1:149:A:ALA:HA	8	0.82
(4,919)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	19	0.82
(4,919)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	19	0.82
(4,913)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	6	0.82
(4,913)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	6	0.82
(4,913)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	6	0.82
(4,913)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	8	0.82
(4,913)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	8	0.82
(4,913)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	8	0.82
(4,571)	1:126:A:GLY:H	1:128:A:LEU:HG	19	0.82
(3,2145)	1:39:A:VAL:HG11	1:144:A:LEU:H	15	0.82
(3,2145)	1:39:A:VAL:HG12	1:144:A:LEU:H	15	0.82
(3,2145)	1:39:A:VAL:HG13	1:144:A:LEU:H	15	0.82
(3,2145)	1:39:A:VAL:HG21	1:144:A:LEU:H	15	0.82
(3,2145)	1:39:A:VAL:HG22	1:144:A:LEU:H	15	0.82
(3,2145)	1:39:A:VAL:HG23	1:144:A:LEU:H	15	0.82
(3,1910)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	14	0.82
(3,1910)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	14	0.82
(3,1910)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	14	0.82
(3,1910)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	14	0.82
(3,1865)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	7	0.82
(3,1865)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	7	0.82
(3,1865)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	7	0.82
(3,1854)	1:9:A:PHE:HZ	1:57:A:LEU:HA	16	0.82
(3,1781)	1:36:A:PRO:HA	1:37:A:LEU:HD21	14	0.82
(3,1781)	1:36:A:PRO:HA	1:37:A:LEU:HD22	14	0.82
(3,1781)	1:36:A:PRO:HA	1:37:A:LEU:HD23	14	0.82
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD2	6	0.82
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD3	6	0.82
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD2	6	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD3	6	0.82
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD2	6	0.82
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD3	6	0.82
(3,1679)	1:134:A:VAL:HG11	1:137:A:SER:H	2	0.82
(3,1679)	1:134:A:VAL:HG12	1:137:A:SER:H	2	0.82
(3,1679)	1:134:A:VAL:HG13	1:137:A:SER:H	2	0.82
(3,1641)	1:105:A:LYS:H	1:107:A:LEU:HD21	11	0.82
(3,1641)	1:105:A:LYS:H	1:107:A:LEU:HD22	11	0.82
(3,1641)	1:105:A:LYS:H	1:107:A:LEU:HD23	11	0.82
(3,1612)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	16	0.82
(3,1612)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	16	0.82
(3,1612)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	16	0.82
(3,1612)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	16	0.82
(3,1612)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	16	0.82
(3,1612)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	16	0.82
(3,1612)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	16	0.82
(3,1612)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	16	0.82
(3,1612)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	16	0.82
(3,1577)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	14	0.82
(3,1577)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	14	0.82
(3,1577)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	14	0.82
(3,1577)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	14	0.82
(3,1577)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	14	0.82
(3,1577)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	14	0.82
(3,1414)	1:19:A:ALA:HB1	1:132:A:ALA:HA	14	0.82
(3,1414)	1:19:A:ALA:HB2	1:132:A:ALA:HA	14	0.82
(3,1414)	1:19:A:ALA:HB3	1:132:A:ALA:HA	14	0.82
(3,1391)	1:39:A:VAL:HG11	1:144:A:LEU:H	9	0.82
(3,1391)	1:39:A:VAL:HG12	1:144:A:LEU:H	9	0.82
(3,1391)	1:39:A:VAL:HG13	1:144:A:LEU:H	9	0.82
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD21	16	0.82
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD22	16	0.82
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD23	16	0.82
(3,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	10	0.82
(3,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	10	0.82
(3,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	10	0.82
(3,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	10	0.82
(3,980)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	3	0.82
(3,980)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	3	0.82
(3,807)	1:11:A:ILE:HD11	1:43:A:MET:HG3	9	0.82
(3,807)	1:11:A:ILE:HD12	1:43:A:MET:HG3	9	0.82
(3,807)	1:11:A:ILE:HD13	1:43:A:MET:HG3	9	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,376)	1:41:A:LYS:H	1:44:A:GLU:HG2	4	0.82
(3,278)	1:113:A:PHE:H	1:116:A:GLN:HG3	12	0.82
(3,278)	1:113:A:PHE:H	1:116:A:GLN:HG3	15	0.82
(3,255)	1:27:A:ARG:HA	1:29:A:LYS:H	6	0.82
(3,235)	1:40:A:LEU:HD11	1:44:A:GLU:H	3	0.82
(3,235)	1:40:A:LEU:HD12	1:44:A:GLU:H	3	0.82
(3,235)	1:40:A:LEU:HD13	1:44:A:GLU:H	3	0.82
(3,118)	1:79:A:THR:H	1:80:A:TYR:H	16	0.82
(2,2228)	1:60:A:LEU:HD11	1:61:A:SER:HB2	17	0.82
(2,2228)	1:60:A:LEU:HD11	1:61:A:SER:HB3	17	0.82
(2,2228)	1:60:A:LEU:HD12	1:61:A:SER:HB2	17	0.82
(2,2228)	1:60:A:LEU:HD12	1:61:A:SER:HB3	17	0.82
(2,2228)	1:60:A:LEU:HD13	1:61:A:SER:HB2	17	0.82
(2,2228)	1:60:A:LEU:HD13	1:61:A:SER:HB3	17	0.82
(2,2076)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	17	0.82
(2,2076)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	17	0.82
(2,2076)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	17	0.82
(2,2076)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	17	0.82
(2,1993)	1:12:A:VAL:HG11	1:43:A:MET:H	10	0.82
(2,1993)	1:12:A:VAL:HG12	1:43:A:MET:H	10	0.82
(2,1993)	1:12:A:VAL:HG13	1:43:A:MET:H	10	0.82
(2,1993)	1:12:A:VAL:HG21	1:43:A:MET:H	10	0.82
(2,1993)	1:12:A:VAL:HG22	1:43:A:MET:H	10	0.82
(2,1993)	1:12:A:VAL:HG23	1:43:A:MET:H	10	0.82
(2,1814)	1:13:A:ALA:HA	1:80:A:TYR:HD1	12	0.82
(2,1814)	1:13:A:ALA:HA	1:80:A:TYR:HD2	12	0.82
(2,1783)	1:39:A:VAL:HG21	1:144:A:LEU:H	15	0.82
(2,1783)	1:39:A:VAL:HG22	1:144:A:LEU:H	15	0.82
(2,1783)	1:39:A:VAL:HG23	1:144:A:LEU:H	15	0.82
(2,1756)	1:31:A:PRO:HB2	1:35:A:LEU:HA	11	0.82
(2,1756)	1:31:A:PRO:HB3	1:35:A:LEU:HA	11	0.82
(2,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	5	0.82
(2,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	5	0.82
(2,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	5	0.82
(2,1608)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	2	0.82
(2,1608)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	2	0.82
(2,1608)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	2	0.82
(2,1608)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	2	0.82
(2,1608)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	2	0.82
(2,1608)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	2	0.82
(2,1608)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	2	0.82
(2,1608)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	2	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1608)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	2	0.82
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG21	15	0.82
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG22	15	0.82
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG23	15	0.82
(2,1593)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	16	0.82
(2,1593)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	16	0.82
(2,1593)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	16	0.82
(2,1593)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	16	0.82
(2,1593)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	16	0.82
(2,1593)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	16	0.82
(2,1593)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	16	0.82
(2,1593)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	16	0.82
(2,1593)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	16	0.82
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE1	3	0.82
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE2	3	0.82
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE3	3	0.82
(2,1110)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	9	0.82
(2,1110)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	9	0.82
(2,919)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	17	0.82
(2,919)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	17	0.82
(2,919)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	17	0.82
(2,919)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	17	0.82
(2,915)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	19	0.82
(2,915)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	19	0.82
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD11	3	0.82
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD12	3	0.82
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD13	3	0.82
(2,155)	1:127:A:CYS:H	1:128:A:LEU:HG	19	0.82
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	4	0.82
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	4	0.82
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	4	0.82
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	4	0.82
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	4	0.82
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	4	0.82
(1,1850)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	1	0.82
(1,1850)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	1	0.82
(1,1850)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	1	0.82
(1,1753)	1:31:A:PRO:HB2	1:35:A:LEU:HA	5	0.82
(1,1753)	1:31:A:PRO:HB3	1:35:A:LEU:HA	5	0.82
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG21	7	0.82
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG22	7	0.82
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG23	7	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG21	7	0.82
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG22	7	0.82
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG23	7	0.82
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG21	7	0.82
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG22	7	0.82
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG23	7	0.82
(1,1709)	1:43:A:MET:HE1	1:131:A:LEU:HA	10	0.82
(1,1709)	1:43:A:MET:HE2	1:131:A:LEU:HA	10	0.82
(1,1709)	1:43:A:MET:HE3	1:131:A:LEU:HA	10	0.82
(1,1402)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	9	0.82
(1,1402)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	9	0.82
(1,1402)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	9	0.82
(1,1359)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	9	0.82
(1,1359)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	9	0.82
(1,1359)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	9	0.82
(1,1353)	1:141:A:LYS:HB2	1:149:A:ALA:HA	8	0.82
(1,1353)	1:141:A:LYS:HB3	1:149:A:ALA:HA	8	0.82
(1,1298)	1:9:A:PHE:HE1	1:14:A:VAL:HG11	16	0.82
(1,1298)	1:9:A:PHE:HE1	1:14:A:VAL:HG12	16	0.82
(1,1298)	1:9:A:PHE:HE1	1:14:A:VAL:HG13	16	0.82
(1,1298)	1:9:A:PHE:HE2	1:14:A:VAL:HG11	16	0.82
(1,1298)	1:9:A:PHE:HE2	1:14:A:VAL:HG12	16	0.82
(1,1298)	1:9:A:PHE:HE2	1:14:A:VAL:HG13	16	0.82
(1,1161)	1:13:A:ALA:HB1	1:80:A:TYR:HA	1	0.82
(1,1161)	1:13:A:ALA:HB2	1:80:A:TYR:HA	1	0.82
(1,1161)	1:13:A:ALA:HB3	1:80:A:TYR:HA	1	0.82
(1,952)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	17	0.82
(1,952)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	17	0.82
(1,952)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	17	0.82
(1,952)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	17	0.82
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	1	0.81
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	1	0.81
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	1	0.81
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	1	0.81
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	1	0.81
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	1	0.81
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	1	0.81
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	1	0.81
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	1	0.81
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	1	0.81
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	1	0.81
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	1	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	1	0.81
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	1	0.81
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	1	0.81
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	1	0.81
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	1	0.81
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	1	0.81
(34,2207)	1:60:A:LEU:HG	1:61:A:SER:HB2	13	0.81
(34,2207)	1:60:A:LEU:HG	1:61:A:SER:HB3	13	0.81
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG11	10	0.81
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG12	10	0.81
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG13	10	0.81
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG21	10	0.81
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG22	10	0.81
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG23	10	0.81
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE1	10	0.81
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE2	10	0.81
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE3	10	0.81
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE1	10	0.81
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE2	10	0.81
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE3	10	0.81
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE1	10	0.81
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE2	10	0.81
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE3	10	0.81
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE1	10	0.81
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE2	10	0.81
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE3	10	0.81
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE1	10	0.81
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE2	10	0.81
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE3	10	0.81
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE1	10	0.81
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE2	10	0.81
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE3	10	0.81
(34,1935)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	13	0.81
(34,1935)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	13	0.81
(34,1751)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	6	0.81
(34,1751)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	6	0.81
(34,1751)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	6	0.81
(34,1590)	1:61:A:SER:HA	1:63:A:ILE:HD11	11	0.81
(34,1590)	1:61:A:SER:HA	1:63:A:ILE:HD12	11	0.81
(34,1590)	1:61:A:SER:HA	1:63:A:ILE:HD13	11	0.81
(34,1347)	1:106:A:ASP:HA	1:112:A:GLN:HE21	18	0.81
(34,1217)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	6	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1217)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	6	0.81
(34,1217)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	6	0.81
(34,804)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	14	0.81
(34,804)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	14	0.81
(34,804)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	14	0.81
(34,804)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	14	0.81
(34,804)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	14	0.81
(34,804)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	14	0.81
(34,649)	1:66:A:THR:H	1:69:A:MET:HA	5	0.81
(34,102)	1:63:A:ILE:H	1:63:A:ILE:HG13	11	0.81
(33,1847)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	12	0.81
(33,1847)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	12	0.81
(33,1847)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	12	0.81
(33,1847)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	12	0.81
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD1	12	0.81
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD2	12	0.81
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD1	12	0.81
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD2	12	0.81
(33,1738)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	6	0.81
(33,1738)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	6	0.81
(33,1738)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	6	0.81
(33,1731)	1:18:A:PHE:HB3	1:132:A:ALA:HA	12	0.81
(33,1731)	1:18:A:PHE:HB2	1:132:A:ALA:HA	12	0.81
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE1	11	0.81
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE2	11	0.81
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE3	11	0.81
(33,1238)	1:140:A:LEU:HA	1:140:A:LEU:HD21	4	0.81
(33,1238)	1:140:A:LEU:HA	1:140:A:LEU:HD22	4	0.81
(33,1238)	1:140:A:LEU:HA	1:140:A:LEU:HD23	4	0.81
(33,1198)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	6	0.81
(33,1198)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	6	0.81
(33,1198)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	6	0.81
(33,846)	1:48:A:ARG:HD2	1:49:A:LYS:H	3	0.81
(33,846)	1:48:A:ARG:HD3	1:49:A:LYS:H	3	0.81
(33,642)	1:66:A:THR:H	1:69:A:MET:HA	5	0.81
(33,254)	1:27:A:ARG:HA	1:29:A:LYS:H	16	0.81
(33,229)	1:44:A:GLU:HG3	1:48:A:ARG:H	7	0.81
(33,103)	1:63:A:ILE:H	1:63:A:ILE:HG13	11	0.81
(32,2435)	1:134:A:VAL:HG11	1:137:A:SER:H	7	0.81
(32,2435)	1:134:A:VAL:HG12	1:137:A:SER:H	7	0.81
(32,2435)	1:134:A:VAL:HG13	1:137:A:SER:H	7	0.81
(32,2435)	1:134:A:VAL:HG21	1:137:A:SER:H	7	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2435)	1:134:A:VAL:HG22	1:137:A:SER:H	7	0.81
(32,2435)	1:134:A:VAL:HG23	1:137:A:SER:H	7	0.81
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG11	8	0.81
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG12	8	0.81
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG13	8	0.81
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG21	8	0.81
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG22	8	0.81
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG23	8	0.81
(32,2252)	1:70:A:LYS:HG2	1:71:A:LYS:H	19	0.81
(32,2252)	1:70:A:LYS:HG3	1:71:A:LYS:H	19	0.81
(32,2239)	1:68:A:LYS:H	1:70:A:LYS:HG2	8	0.81
(32,2239)	1:68:A:LYS:H	1:70:A:LYS:HG3	8	0.81
(32,2234)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	8	0.81
(32,2234)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	8	0.81
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	19	0.81
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	19	0.81
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	19	0.81
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	19	0.81
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	19	0.81
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	19	0.81
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	19	0.81
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	19	0.81
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	19	0.81
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	19	0.81
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	19	0.81
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	19	0.81
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD11	4	0.81
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD12	4	0.81
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD13	4	0.81
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD21	4	0.81
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD22	4	0.81
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD23	4	0.81
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD11	4	0.81
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD12	4	0.81
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD13	4	0.81
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD21	4	0.81
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD22	4	0.81
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD23	4	0.81
(32,2091)	1:39:A:VAL:HG11	1:43:A:MET:HB2	10	0.81
(32,2091)	1:39:A:VAL:HG12	1:43:A:MET:HB2	10	0.81
(32,2091)	1:39:A:VAL:HG13	1:43:A:MET:HB2	10	0.81
(32,2091)	1:39:A:VAL:HG21	1:43:A:MET:HB2	10	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2091)	1:39:A:VAL:HG22	1:43:A:MET:HB2	10	0.81
(32,2091)	1:39:A:VAL:HG23	1:43:A:MET:HB2	10	0.81
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE1	14	0.81
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE2	14	0.81
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE1	14	0.81
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE2	14	0.81
(32,1852)	1:104:A:PHE:HE1	1:115:A:ALA:H	10	0.81
(32,1852)	1:104:A:PHE:HE2	1:115:A:ALA:H	10	0.81
(32,1817)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	19	0.81
(32,1817)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	19	0.81
(32,1817)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	19	0.81
(32,1817)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	19	0.81
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	15	0.81
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	15	0.81
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	15	0.81
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	15	0.81
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	15	0.81
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	15	0.81
(32,1152)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	6	0.81
(32,1152)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	6	0.81
(32,1152)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	6	0.81
(32,1032)	1:71:A:LYS:HG3	1:72:A:PHE:HA	16	0.81
(32,962)	1:102:A:PRO:HA	1:105:A:LYS:HB2	4	0.81
(32,962)	1:102:A:PRO:HA	1:105:A:LYS:HB3	4	0.81
(32,628)	1:66:A:THR:H	1:69:A:MET:HA	5	0.81
(32,249)	1:27:A:ARG:HA	1:29:A:LYS:H	16	0.81
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD11	17	0.81
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD12	17	0.81
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD13	17	0.81
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD21	17	0.81
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD22	17	0.81
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD23	17	0.81
(30,2257)	1:70:A:LYS:HG2	1:71:A:LYS:H	5	0.81
(30,2257)	1:70:A:LYS:HG3	1:71:A:LYS:H	5	0.81
(30,2245)	1:68:A:LYS:H	1:70:A:LYS:HG2	8	0.81
(30,2245)	1:68:A:LYS:H	1:70:A:LYS:HG3	8	0.81
(30,2240)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	8	0.81
(30,2240)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	8	0.81
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	19	0.81
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	19	0.81
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	19	0.81
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	19	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	19	0.81
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	19	0.81
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	19	0.81
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	19	0.81
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	19	0.81
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	19	0.81
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	19	0.81
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	19	0.81
(30,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	11	0.81
(30,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	11	0.81
(30,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	11	0.81
(30,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	11	0.81
(30,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	11	0.81
(30,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	11	0.81
(30,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	11	0.81
(30,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	11	0.81
(30,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	11	0.81
(30,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	11	0.81
(30,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	11	0.81
(30,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	11	0.81
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE1	11	0.81
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE2	11	0.81
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE3	11	0.81
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE1	11	0.81
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE2	11	0.81
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE3	11	0.81
(30,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	13	0.81
(30,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	13	0.81
(30,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	13	0.81
(30,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	13	0.81
(30,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	13	0.81
(30,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	13	0.81
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE1	14	0.81
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE2	14	0.81
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE1	14	0.81
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE2	14	0.81
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE1	14	0.81
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE2	14	0.81
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD21	10	0.81
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD22	10	0.81
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD23	10	0.81
(30,1575)	1:61:A:SER:HA	1:63:A:ILE:HD11	11	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1575)	1:61:A:SER:HA	1:63:A:ILE:HD12	11	0.81
(30,1575)	1:61:A:SER:HA	1:63:A:ILE:HD13	11	0.81
(30,1166)	1:140:A:LEU:HD21	1:144:A:LEU:H	11	0.81
(30,1166)	1:140:A:LEU:HD22	1:144:A:LEU:H	11	0.81
(30,1166)	1:140:A:LEU:HD23	1:144:A:LEU:H	11	0.81
(30,823)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	5	0.81
(30,823)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	5	0.81
(30,823)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	5	0.81
(30,823)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	5	0.81
(30,823)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	5	0.81
(30,823)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	5	0.81
(30,679)	1:133:A:ASN:H	1:134:A:VAL:HG21	11	0.81
(30,679)	1:133:A:ASN:H	1:134:A:VAL:HG22	11	0.81
(30,679)	1:133:A:ASN:H	1:134:A:VAL:HG23	11	0.81
(30,640)	1:66:A:THR:H	1:69:A:MET:HA	5	0.81
(30,101)	1:63:A:ILE:H	1:63:A:ILE:HG13	11	0.81
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD11	17	0.81
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD12	17	0.81
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD13	17	0.81
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD21	17	0.81
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD22	17	0.81
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD23	17	0.81
(29,2270)	1:79:A:THR:HG21	1:81:A:GLU:HB2	18	0.81
(29,2270)	1:79:A:THR:HG21	1:81:A:GLU:HB3	18	0.81
(29,2270)	1:79:A:THR:HG22	1:81:A:GLU:HB2	18	0.81
(29,2270)	1:79:A:THR:HG22	1:81:A:GLU:HB3	18	0.81
(29,2270)	1:79:A:THR:HG23	1:81:A:GLU:HB2	18	0.81
(29,2270)	1:79:A:THR:HG23	1:81:A:GLU:HB3	18	0.81
(29,1954)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	13	0.81
(29,1954)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	13	0.81
(29,1954)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	13	0.81
(29,1954)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	13	0.81
(29,1954)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	13	0.81
(29,1954)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	13	0.81
(29,1954)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	13	0.81
(29,1954)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	13	0.81
(29,1954)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	13	0.81
(29,1954)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	13	0.81
(29,1954)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	13	0.81
(29,1954)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	13	0.81
(29,1925)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	7	0.81
(29,1925)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	7	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1925)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	7	0.81
(29,1925)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	7	0.81
(29,1925)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	7	0.81
(29,1925)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	7	0.81
(29,1760)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	6	0.81
(29,1760)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	6	0.81
(29,1760)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	6	0.81
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE1	2	0.81
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE2	2	0.81
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE3	2	0.81
(29,1259)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	15	0.81
(29,1259)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	15	0.81
(29,1259)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	15	0.81
(29,1259)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	15	0.81
(29,1259)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	15	0.81
(29,1259)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	15	0.81
(29,1205)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	6	0.81
(29,1205)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	6	0.81
(29,1205)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	6	0.81
(29,775)	1:53:A:THR:H	1:124:A:THR:HG21	4	0.81
(29,775)	1:53:A:THR:H	1:124:A:THR:HG22	4	0.81
(29,775)	1:53:A:THR:H	1:124:A:THR:HG23	4	0.81
(29,687)	1:133:A:ASN:H	1:134:A:VAL:HG21	11	0.81
(29,687)	1:133:A:ASN:H	1:134:A:VAL:HG22	11	0.81
(29,687)	1:133:A:ASN:H	1:134:A:VAL:HG23	11	0.81
(29,263)	1:27:A:ARG:HB3	1:29:A:LYS:H	12	0.81
(29,257)	1:27:A:ARG:HA	1:29:A:LYS:H	16	0.81
(29,233)	1:44:A:GLU:HG3	1:48:A:ARG:H	7	0.81
(29,102)	1:63:A:ILE:H	1:63:A:ILE:HG13	11	0.81
(22,42)	1:129:A:LYS:N	1:125:A:THR:C	17	0.81
(22,42)	1:129:A:LYS:N	1:125:A:THR:C	18	0.81
(22,41)	1:129:A:LYS:H	1:125:A:THR:C	10	0.81
(22,31)	1:117:A:VAL:H	1:113:A:PHE:C	4	0.81
(22,30)	1:116:A:GLN:N	1:112:A:GLN:C	4	0.81
(22,30)	1:116:A:GLN:N	1:112:A:GLN:C	14	0.81
(22,30)	1:116:A:GLN:N	1:112:A:GLN:C	16	0.81
(22,24)	1:113:A:PHE:N	1:109:A:PRO:C	2	0.81
(22,24)	1:113:A:PHE:N	1:109:A:PRO:C	4	0.81
(22,24)	1:113:A:PHE:N	1:109:A:PRO:C	9	0.81
(22,24)	1:113:A:PHE:N	1:109:A:PRO:C	15	0.81
(22,13)	1:60:A:LEU:H	1:56:A:CYS:C	1	0.81
(22,13)	1:60:A:LEU:H	1:56:A:CYS:C	5	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(22,13)	1:60:A:LEU:H	1:56:A:CYS:C	14	0.81
(19,7)	1:123:A:CYS:SG	1:56:A:CYS:CB	19	0.81
(19,5)	1:123:A:CYS:SG	1:127:A:CYS:CB	9	0.81
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD11	15	0.81
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD12	15	0.81
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD13	15	0.81
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD21	15	0.81
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD22	15	0.81
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD23	15	0.81
(18,2251)	1:69:A:MET:HG2	1:70:A:LYS:HG2	13	0.81
(18,2251)	1:69:A:MET:HG3	1:70:A:LYS:HG2	13	0.81
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	9	0.81
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	9	0.81
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	9	0.81
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	9	0.81
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	9	0.81
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	9	0.81
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	9	0.81
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	9	0.81
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	9	0.81
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	9	0.81
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	9	0.81
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	9	0.81
(18,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	13	0.81
(18,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	13	0.81
(18,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	13	0.81
(18,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	13	0.81
(18,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	13	0.81
(18,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	13	0.81
(18,1975)	1:12:A:VAL:HG11	1:43:A:MET:HB2	6	0.81
(18,1975)	1:12:A:VAL:HG12	1:43:A:MET:HB2	6	0.81
(18,1975)	1:12:A:VAL:HG13	1:43:A:MET:HB2	6	0.81
(18,1975)	1:12:A:VAL:HG21	1:43:A:MET:HB2	6	0.81
(18,1975)	1:12:A:VAL:HG22	1:43:A:MET:HB2	6	0.81
(18,1975)	1:12:A:VAL:HG23	1:43:A:MET:HB2	6	0.81
(18,1974)	1:12:A:VAL:HG11	1:43:A:MET:H	6	0.81
(18,1974)	1:12:A:VAL:HG12	1:43:A:MET:H	6	0.81
(18,1974)	1:12:A:VAL:HG13	1:43:A:MET:H	6	0.81
(18,1974)	1:12:A:VAL:HG21	1:43:A:MET:H	6	0.81
(18,1974)	1:12:A:VAL:HG22	1:43:A:MET:H	6	0.81
(18,1974)	1:12:A:VAL:HG23	1:43:A:MET:H	6	0.81
(18,1837)	1:80:A:TYR:HE1	1:81:A:GLU:HB2	2	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1837)	1:80:A:TYR:HE2	1:81:A:GLU:HB2	2	0.81
(18,1782)	1:9:A:PHE:HD1	1:11:A:ILE:HB	2	0.81
(18,1782)	1:9:A:PHE:HD2	1:11:A:ILE:HB	2	0.81
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	15	0.81
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	15	0.81
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	15	0.81
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	15	0.81
(18,1724)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	6	0.81
(18,1724)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	6	0.81
(18,1724)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	6	0.81
(18,982)	1:68:A:LYS:HG2	1:109:A:PRO:HB2	4	0.81
(18,982)	1:68:A:LYS:HG2	1:109:A:PRO:HB3	4	0.81
(18,982)	1:68:A:LYS:HG3	1:109:A:PRO:HB2	4	0.81
(18,982)	1:68:A:LYS:HG3	1:109:A:PRO:HB3	4	0.81
(18,869)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	12	0.81
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	17	0.81
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	17	0.81
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	17	0.81
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	17	0.81
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	17	0.81
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	17	0.81
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	17	0.81
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	17	0.81
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	17	0.81
(18,741)	1:17:A:ASN:HD21	1:18:A:PHE:H	2	0.81
(18,100)	1:63:A:ILE:H	1:63:A:ILE:HG13	11	0.81
(17,2215)	1:57:A:LEU:HD11	1:60:A:LEU:HG	8	0.81
(17,2215)	1:57:A:LEU:HD12	1:60:A:LEU:HG	8	0.81
(17,2215)	1:57:A:LEU:HD13	1:60:A:LEU:HG	8	0.81
(17,2215)	1:57:A:LEU:HD21	1:60:A:LEU:HG	8	0.81
(17,2215)	1:57:A:LEU:HD22	1:60:A:LEU:HG	8	0.81
(17,2215)	1:57:A:LEU:HD23	1:60:A:LEU:HG	8	0.81
(17,2031)	1:17:A:ASN:HD21	1:113:A:PHE:HE1	17	0.81
(17,2031)	1:17:A:ASN:HD21	1:113:A:PHE:HE2	17	0.81
(17,2031)	1:17:A:ASN:HD22	1:113:A:PHE:HE1	17	0.81
(17,2031)	1:17:A:ASN:HD22	1:113:A:PHE:HE2	17	0.81
(17,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	7	0.81
(17,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	7	0.81
(17,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	7	0.81
(17,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	7	0.81
(17,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	7	0.81
(17,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	7	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1812)	1:9:A:PHE:HD1	1:11:A:ILE:HB	2	0.81
(17,1812)	1:9:A:PHE:HD2	1:11:A:ILE:HB	2	0.81
(17,1756)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	6	0.81
(17,1756)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	6	0.81
(17,1756)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	6	0.81
(17,1682)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	10	0.81
(17,1682)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	10	0.81
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD21	3	0.81
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD22	3	0.81
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD23	3	0.81
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD21	4	0.81
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD22	4	0.81
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD23	4	0.81
(17,1269)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	4	0.81
(17,1269)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	4	0.81
(17,1269)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	4	0.81
(17,1267)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	9	0.81
(17,1267)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	9	0.81
(17,1267)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	9	0.81
(17,1267)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	9	0.81
(17,1267)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	9	0.81
(17,1267)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	9	0.81
(17,1163)	1:13:A:ALA:HB1	1:80:A:TYR:HA	12	0.81
(17,1163)	1:13:A:ALA:HB2	1:80:A:TYR:HA	12	0.81
(17,1163)	1:13:A:ALA:HB3	1:80:A:TYR:HA	12	0.81
(17,1092)	1:45:A:ALA:HA	1:48:A:ARG:HG2	7	0.81
(17,1092)	1:45:A:ALA:HA	1:48:A:ARG:HG3	7	0.81
(17,929)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	15	0.81
(17,929)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	15	0.81
(17,929)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	15	0.81
(17,929)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	15	0.81
(17,849)	1:48:A:ARG:HD2	1:49:A:LYS:H	3	0.81
(17,849)	1:48:A:ARG:HD3	1:49:A:LYS:H	3	0.81
(17,842)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	1	0.81
(17,842)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	1	0.81
(17,842)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	1	0.81
(17,842)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	1	0.81
(17,842)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	1	0.81
(17,842)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	1	0.81
(17,643)	1:66:A:THR:H	1:69:A:MET:HA	5	0.81
(17,98)	1:63:A:ILE:H	1:63:A:ILE:HG13	11	0.81
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG2	13	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG3	13	0.81
(16,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB2	18	0.81
(16,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB3	18	0.81
(16,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB2	18	0.81
(16,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB3	18	0.81
(16,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB2	18	0.81
(16,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB3	18	0.81
(16,2083)	1:35:A:LEU:HD11	1:38:A:GLU:H	7	0.81
(16,2083)	1:35:A:LEU:HD12	1:38:A:GLU:H	7	0.81
(16,2083)	1:35:A:LEU:HD13	1:38:A:GLU:H	7	0.81
(16,2083)	1:35:A:LEU:HD21	1:38:A:GLU:H	7	0.81
(16,2083)	1:35:A:LEU:HD22	1:38:A:GLU:H	7	0.81
(16,2083)	1:35:A:LEU:HD23	1:38:A:GLU:H	7	0.81
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD11	1	0.81
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD12	1	0.81
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD13	1	0.81
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD21	1	0.81
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD22	1	0.81
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD23	1	0.81
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD11	1	0.81
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD12	1	0.81
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD13	1	0.81
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD21	1	0.81
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD22	1	0.81
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD23	1	0.81
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD11	1	0.81
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD12	1	0.81
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD13	1	0.81
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD21	1	0.81
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD22	1	0.81
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD23	1	0.81
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	3	0.81
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	3	0.81
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	3	0.81
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	3	0.81
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	8	0.81
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	8	0.81
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	8	0.81
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	8	0.81
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	8	0.81
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	8	0.81
(16,1808)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	3	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1808)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	3	0.81
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD21	3	0.81
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD22	3	0.81
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD23	3	0.81
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD21	4	0.81
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD22	4	0.81
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD23	4	0.81
(16,1198)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	6	0.81
(16,1198)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	6	0.81
(16,1198)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	6	0.81
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	15	0.81
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	15	0.81
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	15	0.81
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	3	0.81
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	3	0.81
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	3	0.81
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	3	0.81
(16,688)	1:133:A:ASN:H	1:134:A:VAL:HG21	11	0.81
(16,688)	1:133:A:ASN:H	1:134:A:VAL:HG22	11	0.81
(16,688)	1:133:A:ASN:H	1:134:A:VAL:HG23	11	0.81
(16,645)	1:66:A:THR:H	1:69:A:MET:HA	5	0.81
(16,262)	1:27:A:ARG:HA	1:29:A:LYS:H	16	0.81
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG11	8	0.81
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG12	8	0.81
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG13	8	0.81
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG21	8	0.81
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG22	8	0.81
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG23	8	0.81
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG2	19	0.81
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG3	19	0.81
(15,2223)	1:68:A:LYS:H	1:70:A:LYS:HG2	8	0.81
(15,2223)	1:68:A:LYS:H	1:70:A:LYS:HG3	8	0.81
(15,2218)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	8	0.81
(15,2218)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	8	0.81
(15,2175)	1:57:A:LEU:HD11	1:60:A:LEU:HG	8	0.81
(15,2175)	1:57:A:LEU:HD12	1:60:A:LEU:HG	8	0.81
(15,2175)	1:57:A:LEU:HD13	1:60:A:LEU:HG	8	0.81
(15,2175)	1:57:A:LEU:HD21	1:60:A:LEU:HG	8	0.81
(15,2175)	1:57:A:LEU:HD22	1:60:A:LEU:HG	8	0.81
(15,2175)	1:57:A:LEU:HD23	1:60:A:LEU:HG	8	0.81
(15,1950)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	15	0.81
(15,1950)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	15	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1950)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	15	0.81
(15,1950)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	15	0.81
(15,1950)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	15	0.81
(15,1950)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	15	0.81
(15,1904)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	13	0.81
(15,1904)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	13	0.81
(15,1882)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	7	0.81
(15,1882)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	7	0.81
(15,1882)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	7	0.81
(15,1882)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	7	0.81
(15,1882)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	7	0.81
(15,1882)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	7	0.81
(15,1786)	1:9:A:PHE:HD1	1:11:A:ILE:HB	2	0.81
(15,1786)	1:9:A:PHE:HD2	1:11:A:ILE:HB	2	0.81
(15,1730)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	6	0.81
(15,1730)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	6	0.81
(15,1730)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	6	0.81
(15,1565)	1:61:A:SER:HA	1:63:A:ILE:HD11	11	0.81
(15,1565)	1:61:A:SER:HA	1:63:A:ILE:HD12	11	0.81
(15,1565)	1:61:A:SER:HA	1:63:A:ILE:HD13	11	0.81
(15,1560)	1:11:A:ILE:HD11	1:14:A:VAL:H	17	0.81
(15,1560)	1:11:A:ILE:HD12	1:14:A:VAL:H	17	0.81
(15,1560)	1:11:A:ILE:HD13	1:14:A:VAL:H	17	0.81
(15,1192)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	6	0.81
(15,1192)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	6	0.81
(15,1192)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	6	0.81
(15,648)	1:66:A:THR:H	1:69:A:MET:HA	5	0.81
(15,106)	1:63:A:ILE:H	1:63:A:ILE:HG13	11	0.81
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG11	4	0.81
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG12	4	0.81
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG13	4	0.81
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG21	4	0.81
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG22	4	0.81
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG23	4	0.81
(13,2206)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	8	0.81
(13,2206)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	8	0.81
(13,2158)	1:57:A:LEU:HD11	1:60:A:LEU:HG	8	0.81
(13,2158)	1:57:A:LEU:HD12	1:60:A:LEU:HG	8	0.81
(13,2158)	1:57:A:LEU:HD13	1:60:A:LEU:HG	8	0.81
(13,2158)	1:57:A:LEU:HD21	1:60:A:LEU:HG	8	0.81
(13,2158)	1:57:A:LEU:HD22	1:60:A:LEU:HG	8	0.81
(13,2158)	1:57:A:LEU:HD23	1:60:A:LEU:HG	8	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG11	19	0.81
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG12	19	0.81
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG13	19	0.81
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG21	19	0.81
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG22	19	0.81
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG23	19	0.81
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	19	0.81
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	19	0.81
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	19	0.81
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	19	0.81
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	19	0.81
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	19	0.81
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	19	0.81
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	19	0.81
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	19	0.81
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	19	0.81
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	19	0.81
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	19	0.81
(13,1921)	1:11:A:ILE:HD11	1:46:A:ASN:HD21	14	0.81
(13,1921)	1:11:A:ILE:HD11	1:46:A:ASN:HD22	14	0.81
(13,1921)	1:11:A:ILE:HD12	1:46:A:ASN:HD21	14	0.81
(13,1921)	1:11:A:ILE:HD12	1:46:A:ASN:HD22	14	0.81
(13,1921)	1:11:A:ILE:HD13	1:46:A:ASN:HD21	14	0.81
(13,1921)	1:11:A:ILE:HD13	1:46:A:ASN:HD22	14	0.81
(13,1707)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	6	0.81
(13,1707)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	6	0.81
(13,1707)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	6	0.81
(13,1612)	1:47:A:ALA:H	1:134:A:VAL:HG11	19	0.81
(13,1612)	1:47:A:ALA:H	1:134:A:VAL:HG12	19	0.81
(13,1612)	1:47:A:ALA:H	1:134:A:VAL:HG13	19	0.81
(13,1300)	1:106:A:ASP:HA	1:112:A:GLN:HE21	18	0.81
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD21	3	0.81
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD22	3	0.81
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD23	3	0.81
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD21	4	0.81
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD22	4	0.81
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD23	4	0.81
(13,1168)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	6	0.81
(13,1168)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	6	0.81
(13,1168)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	6	0.81
(13,970)	1:105:A:LYS:HD2	1:107:A:LEU:H	14	0.81
(13,970)	1:105:A:LYS:HD3	1:107:A:LEU:H	14	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,635)	1:66:A:THR:H	1:69:A:MET:HA	5	0.81
(13,262)	1:27:A:ARG:HB3	1:29:A:LYS:H	12	0.81
(13,98)	1:63:A:ILE:H	1:63:A:ILE:HG13	11	0.81
(13,51)	1:47:A:ALA:H	1:134:A:VAL:HG21	3	0.81
(13,51)	1:47:A:ALA:H	1:134:A:VAL:HG22	3	0.81
(13,51)	1:47:A:ALA:H	1:134:A:VAL:HG23	3	0.81
(11,2460)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	2	0.81
(11,2460)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	2	0.81
(11,2460)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	2	0.81
(11,2460)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	2	0.81
(11,2243)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	8	0.81
(11,2243)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	8	0.81
(11,2217)	1:60:A:LEU:HG	1:61:A:SER:HB2	13	0.81
(11,2217)	1:60:A:LEU:HG	1:61:A:SER:HB3	13	0.81
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	19	0.81
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	19	0.81
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	19	0.81
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	19	0.81
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	19	0.81
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	19	0.81
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	19	0.81
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	19	0.81
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	19	0.81
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	19	0.81
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	19	0.81
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	19	0.81
(11,2087)	1:35:A:LEU:HD11	1:38:A:GLU:H	7	0.81
(11,2087)	1:35:A:LEU:HD12	1:38:A:GLU:H	7	0.81
(11,2087)	1:35:A:LEU:HD13	1:38:A:GLU:H	7	0.81
(11,2087)	1:35:A:LEU:HD21	1:38:A:GLU:H	7	0.81
(11,2087)	1:35:A:LEU:HD22	1:38:A:GLU:H	7	0.81
(11,2087)	1:35:A:LEU:HD23	1:38:A:GLU:H	7	0.81
(11,1742)	1:141:A:LYS:HA	1:145:A:PRO:HD3	6	0.81
(11,1595)	1:11:A:ILE:HD11	1:14:A:VAL:H	17	0.81
(11,1595)	1:11:A:ILE:HD12	1:14:A:VAL:H	17	0.81
(11,1595)	1:11:A:ILE:HD13	1:14:A:VAL:H	17	0.81
(11,1554)	1:69:A:MET:HE1	1:76:A:ARG:HG2	10	0.81
(11,1554)	1:69:A:MET:HE1	1:76:A:ARG:HG3	10	0.81
(11,1554)	1:69:A:MET:HE2	1:76:A:ARG:HG2	10	0.81
(11,1554)	1:69:A:MET:HE2	1:76:A:ARG:HG3	10	0.81
(11,1554)	1:69:A:MET:HE3	1:76:A:ARG:HG2	10	0.81
(11,1554)	1:69:A:MET:HE3	1:76:A:ARG:HG3	10	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1282)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	4	0.81
(11,1282)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	4	0.81
(11,1282)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	4	0.81
(11,1280)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	9	0.81
(11,1280)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	9	0.81
(11,1280)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	9	0.81
(11,1280)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	9	0.81
(11,1280)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	9	0.81
(11,1280)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	9	0.81
(11,1202)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	6	0.81
(11,1202)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	6	0.81
(11,1202)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	6	0.81
(11,1052)	1:11:A:ILE:HA	1:14:A:VAL:HB	9	0.81
(11,1052)	1:11:A:ILE:HA	1:14:A:VAL:HB	19	0.81
(11,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	1	0.81
(11,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	1	0.81
(11,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	1	0.81
(11,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	1	0.81
(11,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	1	0.81
(11,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	1	0.81
(11,643)	1:66:A:THR:H	1:69:A:MET:HA	5	0.81
(11,227)	1:44:A:GLU:HG3	1:48:A:ARG:H	7	0.81
(11,101)	1:63:A:ILE:H	1:63:A:ILE:HG13	11	0.81
(9,2226)	1:79:A:THR:HG21	1:81:A:GLU:HB2	18	0.81
(9,2226)	1:79:A:THR:HG21	1:81:A:GLU:HB3	18	0.81
(9,2226)	1:79:A:THR:HG22	1:81:A:GLU:HB2	18	0.81
(9,2226)	1:79:A:THR:HG22	1:81:A:GLU:HB3	18	0.81
(9,2226)	1:79:A:THR:HG23	1:81:A:GLU:HB2	18	0.81
(9,2226)	1:79:A:THR:HG23	1:81:A:GLU:HB3	18	0.81
(9,2163)	1:60:A:LEU:HD11	1:61:A:SER:HB2	17	0.81
(9,2163)	1:60:A:LEU:HD11	1:61:A:SER:HB3	17	0.81
(9,2163)	1:60:A:LEU:HD12	1:61:A:SER:HB2	17	0.81
(9,2163)	1:60:A:LEU:HD12	1:61:A:SER:HB3	17	0.81
(9,2163)	1:60:A:LEU:HD13	1:61:A:SER:HB2	17	0.81
(9,2163)	1:60:A:LEU:HD13	1:61:A:SER:HB3	17	0.81
(9,2162)	1:60:A:LEU:HG	1:61:A:SER:HB2	3	0.81
(9,2162)	1:60:A:LEU:HG	1:61:A:SER:HB3	3	0.81
(9,1903)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	7	0.81
(9,1903)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	7	0.81
(9,1903)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	7	0.81
(9,1903)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	7	0.81
(9,1903)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	7	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1903)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	7	0.81
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB1	2	0.81
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB2	2	0.81
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB3	2	0.81
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB1	2	0.81
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB2	2	0.81
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB3	2	0.81
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	8	0.81
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	8	0.81
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	8	0.81
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	8	0.81
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	8	0.81
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	8	0.81
(9,1735)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	6	0.81
(9,1735)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	6	0.81
(9,1735)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	6	0.81
(9,1194)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	6	0.81
(9,1194)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	6	0.81
(9,1194)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	6	0.81
(9,269)	1:27:A:ARG:HB3	1:29:A:LYS:H	12	0.81
(9,233)	1:44:A:GLU:HG3	1:48:A:ARG:H	7	0.81
(9,101)	1:63:A:ILE:H	1:63:A:ILE:HG13	11	0.81
(7,2206)	1:64:A:LYS:HB2	1:116:A:GLN:HG2	14	0.81
(7,2206)	1:64:A:LYS:HB2	1:116:A:GLN:HG3	14	0.81
(7,2206)	1:64:A:LYS:HB3	1:116:A:GLN:HG2	14	0.81
(7,2206)	1:64:A:LYS:HB3	1:116:A:GLN:HG3	14	0.81
(7,2151)	1:50:A:ALA:HB1	1:133:A:ASN:HB2	19	0.81
(7,2151)	1:50:A:ALA:HB1	1:133:A:ASN:HB3	19	0.81
(7,2151)	1:50:A:ALA:HB2	1:133:A:ASN:HB2	19	0.81
(7,2151)	1:50:A:ALA:HB2	1:133:A:ASN:HB3	19	0.81
(7,2151)	1:50:A:ALA:HB3	1:133:A:ASN:HB2	19	0.81
(7,2151)	1:50:A:ALA:HB3	1:133:A:ASN:HB3	19	0.81
(7,2085)	1:39:A:VAL:HG11	1:43:A:MET:HB2	10	0.81
(7,2085)	1:39:A:VAL:HG12	1:43:A:MET:HB2	10	0.81
(7,2085)	1:39:A:VAL:HG13	1:43:A:MET:HB2	10	0.81
(7,2085)	1:39:A:VAL:HG21	1:43:A:MET:HB2	10	0.81
(7,2085)	1:39:A:VAL:HG22	1:43:A:MET:HB2	10	0.81
(7,2085)	1:39:A:VAL:HG23	1:43:A:MET:HB2	10	0.81
(7,2042)	1:35:A:LEU:HD11	1:38:A:GLU:H	7	0.81
(7,2042)	1:35:A:LEU:HD12	1:38:A:GLU:H	7	0.81
(7,2042)	1:35:A:LEU:HD13	1:38:A:GLU:H	7	0.81
(7,2042)	1:35:A:LEU:HD21	1:38:A:GLU:H	7	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2042)	1:35:A:LEU:HD22	1:38:A:GLU:H	7	0.81
(7,2042)	1:35:A:LEU:HD23	1:38:A:GLU:H	7	0.81
(7,1805)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	4	0.81
(7,1805)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	4	0.81
(7,1805)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	4	0.81
(7,1785)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	2	0.81
(7,1785)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	2	0.81
(7,1785)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	2	0.81
(7,1785)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	2	0.81
(7,1785)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	2	0.81
(7,1785)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	2	0.81
(7,1542)	1:11:A:ILE:HD11	1:14:A:VAL:H	17	0.81
(7,1542)	1:11:A:ILE:HD12	1:14:A:VAL:H	17	0.81
(7,1542)	1:11:A:ILE:HD13	1:14:A:VAL:H	17	0.81
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	16	0.81
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	16	0.81
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	16	0.81
(7,1133)	1:13:A:ALA:HB1	1:80:A:TYR:HA	12	0.81
(7,1133)	1:13:A:ALA:HB2	1:80:A:TYR:HA	12	0.81
(7,1133)	1:13:A:ALA:HB3	1:80:A:TYR:HA	12	0.81
(7,682)	1:145:A:PRO:HB2	1:148:A:CYS:H	1	0.81
(7,642)	1:66:A:THR:H	1:69:A:MET:HA	5	0.81
(7,484)	1:145:A:PRO:HB3	1:148:A:CYS:H	3	0.81
(7,258)	1:27:A:ARG:HA	1:29:A:LYS:H	16	0.81
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG2	19	0.81
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG3	19	0.81
(6,2209)	1:60:A:LEU:HG	1:61:A:SER:HB2	13	0.81
(6,2209)	1:60:A:LEU:HG	1:61:A:SER:HB3	13	0.81
(6,2030)	1:18:A:PHE:HA	1:117:A:VAL:HG11	6	0.81
(6,2030)	1:18:A:PHE:HA	1:117:A:VAL:HG12	6	0.81
(6,2030)	1:18:A:PHE:HA	1:117:A:VAL:HG13	6	0.81
(6,2030)	1:18:A:PHE:HA	1:117:A:VAL:HG21	6	0.81
(6,2030)	1:18:A:PHE:HA	1:117:A:VAL:HG22	6	0.81
(6,2030)	1:18:A:PHE:HA	1:117:A:VAL:HG23	6	0.81
(6,2001)	1:14:A:VAL:HG11	1:18:A:PHE:HB2	7	0.81
(6,2001)	1:14:A:VAL:HG12	1:18:A:PHE:HB2	7	0.81
(6,2001)	1:14:A:VAL:HG13	1:18:A:PHE:HB2	7	0.81
(6,2001)	1:14:A:VAL:HG21	1:18:A:PHE:HB2	7	0.81
(6,2001)	1:14:A:VAL:HG22	1:18:A:PHE:HB2	7	0.81
(6,2001)	1:14:A:VAL:HG23	1:18:A:PHE:HB2	7	0.81
(6,1884)	1:14:A:VAL:HA	1:18:A:PHE:HD1	12	0.81
(6,1884)	1:14:A:VAL:HA	1:18:A:PHE:HD2	12	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB1	2	0.81
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB2	2	0.81
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB3	2	0.81
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB1	2	0.81
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB2	2	0.81
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB3	2	0.81
(6,1840)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	4	0.81
(6,1840)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	4	0.81
(6,1840)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	4	0.81
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	8	0.81
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	8	0.81
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	8	0.81
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	8	0.81
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	8	0.81
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	8	0.81
(6,1746)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	6	0.81
(6,1746)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	6	0.81
(6,1746)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	6	0.81
(6,1239)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	19	0.81
(6,1239)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	19	0.81
(6,1239)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	19	0.81
(6,1239)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	19	0.81
(6,1239)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	19	0.81
(6,1239)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	19	0.81
(6,832)	1:48:A:ARG:HD2	1:49:A:LYS:H	3	0.81
(6,832)	1:48:A:ARG:HD3	1:49:A:LYS:H	3	0.81
(6,637)	1:66:A:THR:H	1:69:A:MET:HA	5	0.81
(6,100)	1:63:A:ILE:H	1:63:A:ILE:HG13	11	0.81
(6,38)	1:98:A:ILE:H	1:105:A:LYS:HA	9	0.81
(5,2277)	1:79:A:THR:HG21	1:81:A:GLU:HB2	18	0.81
(5,2277)	1:79:A:THR:HG21	1:81:A:GLU:HB3	18	0.81
(5,2277)	1:79:A:THR:HG22	1:81:A:GLU:HB2	18	0.81
(5,2277)	1:79:A:THR:HG22	1:81:A:GLU:HB3	18	0.81
(5,2277)	1:79:A:THR:HG23	1:81:A:GLU:HB2	18	0.81
(5,2277)	1:79:A:THR:HG23	1:81:A:GLU:HB3	18	0.81
(5,2232)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	8	0.81
(5,2232)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	8	0.81
(5,2192)	1:57:A:LEU:HD11	1:60:A:LEU:HG	8	0.81
(5,2192)	1:57:A:LEU:HD12	1:60:A:LEU:HG	8	0.81
(5,2192)	1:57:A:LEU:HD13	1:60:A:LEU:HG	8	0.81
(5,2192)	1:57:A:LEU:HD21	1:60:A:LEU:HG	8	0.81
(5,2192)	1:57:A:LEU:HD22	1:60:A:LEU:HG	8	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2192)	1:57:A:LEU:HD23	1:60:A:LEU:HG	8	0.81
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	19	0.81
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	19	0.81
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	19	0.81
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	19	0.81
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	19	0.81
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	19	0.81
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	19	0.81
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	19	0.81
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	19	0.81
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	19	0.81
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	19	0.81
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	19	0.81
(5,2059)	1:35:A:LEU:HD11	1:38:A:GLU:H	7	0.81
(5,2059)	1:35:A:LEU:HD12	1:38:A:GLU:H	7	0.81
(5,2059)	1:35:A:LEU:HD13	1:38:A:GLU:H	7	0.81
(5,2059)	1:35:A:LEU:HD21	1:38:A:GLU:H	7	0.81
(5,2059)	1:35:A:LEU:HD22	1:38:A:GLU:H	7	0.81
(5,2059)	1:35:A:LEU:HD23	1:38:A:GLU:H	7	0.81
(5,2044)	1:31:A:PRO:HB2	1:144:A:LEU:HB2	2	0.81
(5,2044)	1:31:A:PRO:HB2	1:144:A:LEU:HB3	2	0.81
(5,2044)	1:31:A:PRO:HB3	1:144:A:LEU:HB2	2	0.81
(5,2044)	1:31:A:PRO:HB3	1:144:A:LEU:HB3	2	0.81
(5,1927)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	7	0.81
(5,1927)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	7	0.81
(5,1927)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	7	0.81
(5,1927)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	7	0.81
(5,1927)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	7	0.81
(5,1927)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	7	0.81
(5,1825)	1:9:A:PHE:HD1	1:14:A:VAL:HB	19	0.81
(5,1825)	1:9:A:PHE:HD2	1:14:A:VAL:HB	19	0.81
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD11	17	0.81
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD12	17	0.81
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD13	17	0.81
(5,1583)	1:11:A:ILE:HD11	1:14:A:VAL:H	17	0.81
(5,1583)	1:11:A:ILE:HD12	1:14:A:VAL:H	17	0.81
(5,1583)	1:11:A:ILE:HD13	1:14:A:VAL:H	17	0.81
(5,1480)	1:14:A:VAL:HB	1:15:A:ALA:HB1	8	0.81
(5,1480)	1:14:A:VAL:HB	1:15:A:ALA:HB2	8	0.81
(5,1480)	1:14:A:VAL:HB	1:15:A:ALA:HB3	8	0.81
(5,1480)	1:14:A:VAL:HB	1:15:A:ALA:HB1	14	0.81
(5,1480)	1:14:A:VAL:HB	1:15:A:ALA:HB2	14	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1480)	1:14:A:VAL:HB	1:15:A:ALA:HB3	14	0.81
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG11	19	0.81
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG12	19	0.81
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG13	19	0.81
(5,1319)	1:66:A:THR:HG21	1:95:A:ILE:HA	14	0.81
(5,1319)	1:66:A:THR:HG22	1:95:A:ILE:HA	14	0.81
(5,1319)	1:66:A:THR:HG23	1:95:A:ILE:HA	14	0.81
(5,1272)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	9	0.81
(5,1272)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	9	0.81
(5,1272)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	9	0.81
(5,1272)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	9	0.81
(5,1272)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	9	0.81
(5,1272)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	9	0.81
(5,988)	1:105:A:LYS:HD2	1:107:A:LEU:H	16	0.81
(5,988)	1:105:A:LYS:HD3	1:107:A:LEU:H	16	0.81
(5,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	1	0.81
(5,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	1	0.81
(5,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	1	0.81
(5,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	1	0.81
(5,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	1	0.81
(5,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	1	0.81
(5,680)	1:133:A:ASN:H	1:134:A:VAL:HG21	11	0.81
(5,680)	1:133:A:ASN:H	1:134:A:VAL:HG22	11	0.81
(5,680)	1:133:A:ASN:H	1:134:A:VAL:HG23	11	0.81
(5,643)	1:66:A:THR:H	1:69:A:MET:HA	5	0.81
(5,95)	1:63:A:ILE:H	1:63:A:ILE:HG13	11	0.81
(4,2199)	1:60:A:LEU:HD11	1:120:A:CYS:HA	2	0.81
(4,2199)	1:60:A:LEU:HD12	1:120:A:CYS:HA	2	0.81
(4,2199)	1:60:A:LEU:HD13	1:120:A:CYS:HA	2	0.81
(4,2199)	1:60:A:LEU:HD21	1:120:A:CYS:HA	2	0.81
(4,2199)	1:60:A:LEU:HD22	1:120:A:CYS:HA	2	0.81
(4,2199)	1:60:A:LEU:HD23	1:120:A:CYS:HA	2	0.81
(4,2190)	1:57:A:LEU:HD11	1:60:A:LEU:HG	8	0.81
(4,2190)	1:57:A:LEU:HD12	1:60:A:LEU:HG	8	0.81
(4,2190)	1:57:A:LEU:HD13	1:60:A:LEU:HG	8	0.81
(4,2190)	1:57:A:LEU:HD21	1:60:A:LEU:HG	8	0.81
(4,2190)	1:57:A:LEU:HD22	1:60:A:LEU:HG	8	0.81
(4,2190)	1:57:A:LEU:HD23	1:60:A:LEU:HG	8	0.81
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD11	1	0.81
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD12	1	0.81
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD13	1	0.81
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD21	1	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD22	1	0.81
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD23	1	0.81
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD11	1	0.81
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD12	1	0.81
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD13	1	0.81
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD21	1	0.81
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD22	1	0.81
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD23	1	0.81
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD11	1	0.81
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD12	1	0.81
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD13	1	0.81
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD21	1	0.81
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD22	1	0.81
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD23	1	0.81
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	17	0.81
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	17	0.81
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	17	0.81
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	17	0.81
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	17	0.81
(4,2023)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	17	0.81
(4,1860)	1:104:A:PHE:HE1	1:115:A:ALA:H	10	0.81
(4,1860)	1:104:A:PHE:HE2	1:115:A:ALA:H	10	0.81
(4,1776)	1:9:A:PHE:HD1	1:11:A:ILE:HB	2	0.81
(4,1776)	1:9:A:PHE:HD2	1:11:A:ILE:HB	2	0.81
(4,1724)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	6	0.81
(4,1724)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	6	0.81
(4,1724)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	6	0.81
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	3	0.81
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	3	0.81
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	3	0.81
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD21	3	0.81
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD22	3	0.81
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD23	3	0.81
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD21	4	0.81
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD22	4	0.81
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD23	4	0.81
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	3	0.81
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	3	0.81
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	3	0.81
(4,837)	1:48:A:ARG:HD2	1:49:A:LYS:H	3	0.81
(4,837)	1:48:A:ARG:HD3	1:49:A:LYS:H	3	0.81
(4,661)	1:63:A:ILE:HG12	1:117:A:VAL:H	13	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,632)	1:66:A:THR:H	1:69:A:MET:HA	5	0.81
(4,100)	1:63:A:ILE:H	1:63:A:ILE:HG13	11	0.81
(3,2500)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	2	0.81
(3,2500)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	2	0.81
(3,2500)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	2	0.81
(3,2500)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	2	0.81
(3,2500)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	2	0.81
(3,2500)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	2	0.81
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD11	15	0.81
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD12	15	0.81
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD13	15	0.81
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD21	15	0.81
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD22	15	0.81
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD23	15	0.81
(3,2306)	1:79:A:THR:HG21	1:81:A:GLU:HB2	7	0.81
(3,2306)	1:79:A:THR:HG21	1:81:A:GLU:HB3	7	0.81
(3,2306)	1:79:A:THR:HG22	1:81:A:GLU:HB2	7	0.81
(3,2306)	1:79:A:THR:HG22	1:81:A:GLU:HB3	7	0.81
(3,2306)	1:79:A:THR:HG23	1:81:A:GLU:HB2	7	0.81
(3,2306)	1:79:A:THR:HG23	1:81:A:GLU:HB3	7	0.81
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE1	14	0.81
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE2	14	0.81
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE1	14	0.81
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE2	14	0.81
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	18	0.81
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	18	0.81
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	18	0.81
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	18	0.81
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	18	0.81
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	18	0.81
(3,1932)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	7	0.81
(3,1932)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	7	0.81
(3,1932)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	7	0.81
(3,1932)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	7	0.81
(3,1932)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	7	0.81
(3,1932)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	7	0.81
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD21	19	0.81
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD22	19	0.81
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD23	19	0.81
(3,1481)	1:13:A:ALA:HB1	1:78:A:HIS:HA	10	0.81
(3,1481)	1:13:A:ALA:HB2	1:78:A:HIS:HA	10	0.81
(3,1481)	1:13:A:ALA:HB3	1:78:A:HIS:HA	10	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1248)	1:144:A:LEU:HD21	1:145:A:PRO:HD2	14	0.81
(3,1248)	1:144:A:LEU:HD22	1:145:A:PRO:HD2	14	0.81
(3,1248)	1:144:A:LEU:HD23	1:145:A:PRO:HD2	14	0.81
(3,857)	1:48:A:ARG:HD2	1:49:A:LYS:H	3	0.81
(3,857)	1:48:A:ARG:HD3	1:49:A:LYS:H	3	0.81
(3,662)	1:100:A:ALA:H	1:119:A:LEU:HG	1	0.81
(3,262)	1:27:A:ARG:HB3	1:29:A:LYS:H	12	0.81
(3,255)	1:27:A:ARG:HA	1:29:A:LYS:H	16	0.81
(3,230)	1:44:A:GLU:HG3	1:48:A:ARG:H	7	0.81
(3,175)	1:8:A:ASP:H	1:58:A:ILE:HG13	6	0.81
(3,99)	1:63:A:ILE:H	1:63:A:ILE:HG13	11	0.81
(2,2464)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	2	0.81
(2,2464)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	2	0.81
(2,2464)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	2	0.81
(2,2464)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	2	0.81
(2,2464)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	2	0.81
(2,2464)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	2	0.81
(2,2260)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	8	0.81
(2,2260)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	8	0.81
(2,2227)	1:60:A:LEU:HG	1:61:A:SER:HB2	3	0.81
(2,2227)	1:60:A:LEU:HG	1:61:A:SER:HB3	3	0.81
(2,2200)	1:50:A:ALA:HB1	1:133:A:ASN:HB2	19	0.81
(2,2200)	1:50:A:ALA:HB1	1:133:A:ASN:HB3	19	0.81
(2,2200)	1:50:A:ALA:HB2	1:133:A:ASN:HB2	19	0.81
(2,2200)	1:50:A:ALA:HB2	1:133:A:ASN:HB3	19	0.81
(2,2200)	1:50:A:ALA:HB3	1:133:A:ASN:HB2	19	0.81
(2,2200)	1:50:A:ALA:HB3	1:133:A:ASN:HB3	19	0.81
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG11	18	0.81
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG12	18	0.81
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG13	18	0.81
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG21	18	0.81
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG22	18	0.81
(2,2198)	1:50:A:ALA:H	1:134:A:VAL:HG23	18	0.81
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	19	0.81
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	19	0.81
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	19	0.81
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	19	0.81
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	19	0.81
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	19	0.81
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	19	0.81
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	19	0.81
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	19	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	19	0.81
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	19	0.81
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	19	0.81
(2,2146)	1:40:A:LEU:HD11	1:44:A:GLU:HG2	11	0.81
(2,2146)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	11	0.81
(2,2146)	1:40:A:LEU:HD12	1:44:A:GLU:HG2	11	0.81
(2,2146)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	11	0.81
(2,2146)	1:40:A:LEU:HD13	1:44:A:GLU:HG2	11	0.81
(2,2146)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	11	0.81
(2,2146)	1:40:A:LEU:HD21	1:44:A:GLU:HG2	11	0.81
(2,2146)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	11	0.81
(2,2146)	1:40:A:LEU:HD22	1:44:A:GLU:HG2	11	0.81
(2,2146)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	11	0.81
(2,2146)	1:40:A:LEU:HD23	1:44:A:GLU:HG2	11	0.81
(2,2146)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	11	0.81
(2,2134)	1:39:A:VAL:HG11	1:144:A:LEU:H	19	0.81
(2,2134)	1:39:A:VAL:HG12	1:144:A:LEU:H	19	0.81
(2,2134)	1:39:A:VAL:HG13	1:144:A:LEU:H	19	0.81
(2,2134)	1:39:A:VAL:HG21	1:144:A:LEU:H	19	0.81
(2,2134)	1:39:A:VAL:HG22	1:144:A:LEU:H	19	0.81
(2,2134)	1:39:A:VAL:HG23	1:144:A:LEU:H	19	0.81
(2,1783)	1:39:A:VAL:HG21	1:144:A:LEU:H	19	0.81
(2,1783)	1:39:A:VAL:HG22	1:144:A:LEU:H	19	0.81
(2,1783)	1:39:A:VAL:HG23	1:144:A:LEU:H	19	0.81
(2,1758)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	6	0.81
(2,1758)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	6	0.81
(2,1758)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	6	0.81
(2,1724)	1:141:A:LYS:HA	1:145:A:PRO:HD3	6	0.81
(2,1586)	1:61:A:SER:HA	1:63:A:ILE:HD11	11	0.81
(2,1586)	1:61:A:SER:HA	1:63:A:ILE:HD12	11	0.81
(2,1586)	1:61:A:SER:HA	1:63:A:ILE:HD13	11	0.81
(2,1470)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	18	0.81
(2,1470)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	18	0.81
(2,1470)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	18	0.81
(2,1348)	1:125:A:THR:HG21	1:129:A:LYS:HB2	8	0.81
(2,1348)	1:125:A:THR:HG21	1:129:A:LYS:HB3	8	0.81
(2,1348)	1:125:A:THR:HG22	1:129:A:LYS:HB2	8	0.81
(2,1348)	1:125:A:THR:HG22	1:129:A:LYS:HB3	8	0.81
(2,1348)	1:125:A:THR:HG23	1:129:A:LYS:HB2	8	0.81
(2,1348)	1:125:A:THR:HG23	1:129:A:LYS:HB3	8	0.81
(2,709)	1:48:A:ARG:HE	1:49:A:LYS:HA	11	0.81
(2,642)	1:66:A:THR:H	1:69:A:MET:HA	5	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,479)	1:145:A:PRO:HB2	1:148:A:CYS:H	14	0.81
(2,174)	1:8:A:ASP:H	1:58:A:ILE:HG13	6	0.81
(2,99)	1:63:A:ILE:H	1:63:A:ILE:HG13	11	0.81
(1,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	7	0.81
(1,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	7	0.81
(1,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	7	0.81
(1,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	7	0.81
(1,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	7	0.81
(1,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	7	0.81
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	5	0.81
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	5	0.81
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	5	0.81
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	5	0.81
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	16	0.81
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	16	0.81
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	16	0.81
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	16	0.81
(1,1831)	1:18:A:PHE:HE1	1:131:A:LEU:HB2	9	0.81
(1,1831)	1:18:A:PHE:HE2	1:131:A:LEU:HB2	9	0.81
(1,1580)	1:11:A:ILE:HD11	1:14:A:VAL:H	17	0.81
(1,1580)	1:11:A:ILE:HD12	1:14:A:VAL:H	17	0.81
(1,1580)	1:11:A:ILE:HD13	1:14:A:VAL:H	17	0.81
(1,1161)	1:13:A:ALA:HB1	1:80:A:TYR:HA	12	0.81
(1,1161)	1:13:A:ALA:HB2	1:80:A:TYR:HA	12	0.81
(1,1161)	1:13:A:ALA:HB3	1:80:A:TYR:HA	12	0.81
(1,1010)	1:102:A:PRO:HA	1:105:A:LYS:HB2	4	0.81
(1,1010)	1:102:A:PRO:HA	1:105:A:LYS:HB3	4	0.81
(1,876)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	12	0.81
(1,861)	1:43:A:MET:HE1	1:131:A:LEU:HB3	5	0.81
(1,861)	1:43:A:MET:HE2	1:131:A:LEU:HB3	5	0.81
(1,861)	1:43:A:MET:HE3	1:131:A:LEU:HB3	5	0.81
(1,650)	1:66:A:THR:H	1:69:A:MET:HA	5	0.81
(1,472)	1:12:A:VAL:HG11	1:14:A:VAL:H	8	0.81
(1,472)	1:12:A:VAL:HG12	1:14:A:VAL:H	8	0.81
(1,472)	1:12:A:VAL:HG13	1:14:A:VAL:H	8	0.81
(1,472)	1:12:A:VAL:HG11	1:14:A:VAL:H	15	0.81
(1,472)	1:12:A:VAL:HG12	1:14:A:VAL:H	15	0.81
(1,472)	1:12:A:VAL:HG13	1:14:A:VAL:H	15	0.81
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD21	3	0.81
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD22	3	0.81
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD23	3	0.81
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD21	4	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD22	4	0.81
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD23	4	0.81
(1,106)	1:63:A:ILE:H	1:63:A:ILE:HG13	11	0.81
(34,2042)	1:21:A:THR:HG21	1:23:A:LEU:HD11	6	0.8
(34,2042)	1:21:A:THR:HG21	1:23:A:LEU:HD12	6	0.8
(34,2042)	1:21:A:THR:HG21	1:23:A:LEU:HD13	6	0.8
(34,2042)	1:21:A:THR:HG21	1:23:A:LEU:HD21	6	0.8
(34,2042)	1:21:A:THR:HG21	1:23:A:LEU:HD22	6	0.8
(34,2042)	1:21:A:THR:HG21	1:23:A:LEU:HD23	6	0.8
(34,2042)	1:21:A:THR:HG22	1:23:A:LEU:HD11	6	0.8
(34,2042)	1:21:A:THR:HG22	1:23:A:LEU:HD12	6	0.8
(34,2042)	1:21:A:THR:HG22	1:23:A:LEU:HD13	6	0.8
(34,2042)	1:21:A:THR:HG22	1:23:A:LEU:HD21	6	0.8
(34,2042)	1:21:A:THR:HG22	1:23:A:LEU:HD22	6	0.8
(34,2042)	1:21:A:THR:HG22	1:23:A:LEU:HD23	6	0.8
(34,2042)	1:21:A:THR:HG23	1:23:A:LEU:HD11	6	0.8
(34,2042)	1:21:A:THR:HG23	1:23:A:LEU:HD12	6	0.8
(34,2042)	1:21:A:THR:HG23	1:23:A:LEU:HD13	6	0.8
(34,2042)	1:21:A:THR:HG23	1:23:A:LEU:HD21	6	0.8
(34,2042)	1:21:A:THR:HG23	1:23:A:LEU:HD22	6	0.8
(34,2042)	1:21:A:THR:HG23	1:23:A:LEU:HD23	6	0.8
(34,1982)	1:12:A:VAL:HG11	1:81:A:GLU:H	6	0.8
(34,1982)	1:12:A:VAL:HG12	1:81:A:GLU:H	6	0.8
(34,1982)	1:12:A:VAL:HG13	1:81:A:GLU:H	6	0.8
(34,1982)	1:12:A:VAL:HG21	1:81:A:GLU:H	6	0.8
(34,1982)	1:12:A:VAL:HG22	1:81:A:GLU:H	6	0.8
(34,1982)	1:12:A:VAL:HG23	1:81:A:GLU:H	6	0.8
(34,1976)	1:12:A:VAL:HG11	1:43:A:MET:HE1	15	0.8
(34,1976)	1:12:A:VAL:HG11	1:43:A:MET:HE2	15	0.8
(34,1976)	1:12:A:VAL:HG11	1:43:A:MET:HE3	15	0.8
(34,1976)	1:12:A:VAL:HG12	1:43:A:MET:HE1	15	0.8
(34,1976)	1:12:A:VAL:HG12	1:43:A:MET:HE2	15	0.8
(34,1976)	1:12:A:VAL:HG12	1:43:A:MET:HE3	15	0.8
(34,1976)	1:12:A:VAL:HG13	1:43:A:MET:HE1	15	0.8
(34,1976)	1:12:A:VAL:HG13	1:43:A:MET:HE2	15	0.8
(34,1976)	1:12:A:VAL:HG13	1:43:A:MET:HE3	15	0.8
(34,1976)	1:12:A:VAL:HG21	1:43:A:MET:HE1	15	0.8
(34,1976)	1:12:A:VAL:HG21	1:43:A:MET:HE2	15	0.8
(34,1976)	1:12:A:VAL:HG21	1:43:A:MET:HE3	15	0.8
(34,1976)	1:12:A:VAL:HG22	1:43:A:MET:HE1	15	0.8
(34,1976)	1:12:A:VAL:HG22	1:43:A:MET:HE2	15	0.8
(34,1976)	1:12:A:VAL:HG22	1:43:A:MET:HE3	15	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1976)	1:12:A:VAL:HG23	1:43:A:MET:HE1	15	0.8
(34,1976)	1:12:A:VAL:HG23	1:43:A:MET:HE2	15	0.8
(34,1976)	1:12:A:VAL:HG23	1:43:A:MET:HE3	15	0.8
(34,1928)	1:14:A:VAL:HB	1:18:A:PHE:HZ	6	0.8
(34,1775)	1:97:A:ASP:HA	1:105:A:LYS:HG3	18	0.8
(34,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	8	0.8
(34,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	8	0.8
(34,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	8	0.8
(34,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	8	0.8
(34,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	8	0.8
(34,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	8	0.8
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG21	10	0.8
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG22	10	0.8
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG23	10	0.8
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG21	18	0.8
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG22	18	0.8
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG23	18	0.8
(34,1305)	1:44:A:GLU:HG2	1:45:A:ALA:HA	3	0.8
(34,1305)	1:44:A:GLU:HG2	1:45:A:ALA:HA	6	0.8
(34,1198)	1:39:A:VAL:HA	1:140:A:LEU:HD21	4	0.8
(34,1198)	1:39:A:VAL:HA	1:140:A:LEU:HD22	4	0.8
(34,1198)	1:39:A:VAL:HA	1:140:A:LEU:HD23	4	0.8
(34,1153)	1:40:A:LEU:HA	1:44:A:GLU:HB2	10	0.8
(34,1153)	1:40:A:LEU:HA	1:44:A:GLU:HB3	10	0.8
(34,1088)	1:13:A:ALA:HB1	1:79:A:THR:HA	14	0.8
(34,1088)	1:13:A:ALA:HB2	1:79:A:THR:HA	14	0.8
(34,1088)	1:13:A:ALA:HB3	1:79:A:THR:HA	14	0.8
(34,1002)	1:47:A:ALA:HB1	1:134:A:VAL:HB	4	0.8
(34,1002)	1:47:A:ALA:HB2	1:134:A:VAL:HB	4	0.8
(34,1002)	1:47:A:ALA:HB3	1:134:A:VAL:HB	4	0.8
(34,874)	1:56:A:CYS:H	1:122:A:ASP:HB3	4	0.8
(34,754)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	19	0.8
(34,754)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	19	0.8
(34,754)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	19	0.8
(34,656)	1:70:A:LYS:H	1:74:A:PRO:HA	6	0.8
(34,523)	1:70:A:LYS:HE2	1:71:A:LYS:H	15	0.8
(34,523)	1:70:A:LYS:HE3	1:71:A:LYS:H	15	0.8
(34,330)	1:44:A:GLU:HG2	1:46:A:ASN:H	19	0.8
(33,2245)	1:68:A:LYS:H	1:70:A:LYS:HG2	15	0.8
(33,2245)	1:68:A:LYS:H	1:70:A:LYS:HG3	15	0.8
(33,2152)	1:43:A:MET:HE1	1:46:A:ASN:HD21	7	0.8
(33,2152)	1:43:A:MET:HE1	1:46:A:ASN:HD22	7	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2152)	1:43:A:MET:HE2	1:46:A:ASN:HD21	7	0.8
(33,2152)	1:43:A:MET:HE2	1:46:A:ASN:HD22	7	0.8
(33,2152)	1:43:A:MET:HE3	1:46:A:ASN:HD21	7	0.8
(33,2152)	1:43:A:MET:HE3	1:46:A:ASN:HD22	7	0.8
(33,2118)	1:39:A:VAL:HG11	1:140:A:LEU:HG	14	0.8
(33,2118)	1:39:A:VAL:HG12	1:140:A:LEU:HG	14	0.8
(33,2118)	1:39:A:VAL:HG13	1:140:A:LEU:HG	14	0.8
(33,2118)	1:39:A:VAL:HG21	1:140:A:LEU:HG	14	0.8
(33,2118)	1:39:A:VAL:HG22	1:140:A:LEU:HG	14	0.8
(33,2118)	1:39:A:VAL:HG23	1:140:A:LEU:HG	14	0.8
(33,2018)	1:18:A:PHE:HB2	1:132:A:ALA:HA	2	0.8
(33,2018)	1:18:A:PHE:HB3	1:132:A:ALA:HA	2	0.8
(33,1937)	1:10:A:ASN:HB2	1:61:A:SER:HA	10	0.8
(33,1937)	1:10:A:ASN:HB3	1:61:A:SER:HA	10	0.8
(33,1643)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	12	0.8
(33,1643)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	12	0.8
(33,1643)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	12	0.8
(33,1643)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	12	0.8
(33,1643)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	12	0.8
(33,1643)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	12	0.8
(33,1643)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	12	0.8
(33,1643)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	12	0.8
(33,1643)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	12	0.8
(33,1634)	1:102:A:PRO:HA	1:105:A:LYS:HD2	10	0.8
(33,1634)	1:102:A:PRO:HA	1:105:A:LYS:HD3	10	0.8
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	9	0.8
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	9	0.8
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	9	0.8
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	3	0.8
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	3	0.8
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	3	0.8
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	4	0.8
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	4	0.8
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	4	0.8
(33,1284)	1:44:A:GLU:HG2	1:45:A:ALA:HA	3	0.8
(33,1284)	1:44:A:GLU:HG2	1:45:A:ALA:HA	6	0.8
(33,1251)	1:40:A:LEU:HD11	1:44:A:GLU:H	16	0.8
(33,1251)	1:40:A:LEU:HD12	1:44:A:GLU:H	16	0.8
(33,1251)	1:40:A:LEU:HD13	1:44:A:GLU:H	16	0.8
(33,1207)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	11	0.8
(33,1207)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	11	0.8
(33,1207)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	11	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1207)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	11	0.8
(33,1207)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	11	0.8
(33,1207)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	11	0.8
(33,1207)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	11	0.8
(33,1207)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	11	0.8
(33,1207)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	11	0.8
(33,1058)	1:13:A:ALA:HB1	1:79:A:THR:HA	14	0.8
(33,1058)	1:13:A:ALA:HB2	1:79:A:THR:HA	14	0.8
(33,1058)	1:13:A:ALA:HB3	1:79:A:THR:HA	14	0.8
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	7	0.8
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	7	0.8
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	7	0.8
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	7	0.8
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	7	0.8
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	7	0.8
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	7	0.8
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	7	0.8
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	7	0.8
(33,790)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	11	0.8
(33,790)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	11	0.8
(33,790)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	11	0.8
(33,790)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	11	0.8
(33,790)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	11	0.8
(33,790)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	11	0.8
(33,748)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	19	0.8
(33,748)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	19	0.8
(33,748)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	19	0.8
(33,648)	1:70:A:LYS:H	1:74:A:PRO:HA	6	0.8
(33,322)	1:44:A:GLU:HG2	1:46:A:ASN:H	19	0.8
(32,2485)	1:144:A:LEU:HB3	1:146:A:GLN:HG2	8	0.8
(32,2485)	1:144:A:LEU:HB3	1:146:A:GLN:HG3	8	0.8
(32,2485)	1:144:A:LEU:HB3	1:146:A:GLN:HG2	9	0.8
(32,2485)	1:144:A:LEU:HB3	1:146:A:GLN:HG3	9	0.8
(32,2263)	1:74:A:PRO:HA	1:77:A:CYS:HB2	14	0.8
(32,2263)	1:74:A:PRO:HA	1:77:A:CYS:HB3	14	0.8
(32,2135)	1:43:A:MET:HE1	1:46:A:ASN:HD21	7	0.8
(32,2135)	1:43:A:MET:HE1	1:46:A:ASN:HD22	7	0.8
(32,2135)	1:43:A:MET:HE2	1:46:A:ASN:HD21	7	0.8
(32,2135)	1:43:A:MET:HE2	1:46:A:ASN:HD22	7	0.8
(32,2135)	1:43:A:MET:HE3	1:46:A:ASN:HD21	7	0.8
(32,2135)	1:43:A:MET:HE3	1:46:A:ASN:HD22	7	0.8
(32,2128)	1:43:A:MET:HA	1:134:A:VAL:HG11	13	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2128)	1:43:A:MET:HA	1:134:A:VAL:HG12	13	0.8
(32,2128)	1:43:A:MET:HA	1:134:A:VAL:HG13	13	0.8
(32,2128)	1:43:A:MET:HA	1:134:A:VAL:HG21	13	0.8
(32,2128)	1:43:A:MET:HA	1:134:A:VAL:HG22	13	0.8
(32,2128)	1:43:A:MET:HA	1:134:A:VAL:HG23	13	0.8
(32,2038)	1:31:A:PRO:HD2	1:35:A:LEU:HG	10	0.8
(32,2038)	1:31:A:PRO:HD3	1:35:A:LEU:HG	10	0.8
(32,2038)	1:31:A:PRO:HD2	1:35:A:LEU:HG	12	0.8
(32,2038)	1:31:A:PRO:HD3	1:35:A:LEU:HG	12	0.8
(32,1999)	1:21:A:THR:HG21	1:23:A:LEU:HD11	6	0.8
(32,1999)	1:21:A:THR:HG21	1:23:A:LEU:HD12	6	0.8
(32,1999)	1:21:A:THR:HG21	1:23:A:LEU:HD13	6	0.8
(32,1999)	1:21:A:THR:HG21	1:23:A:LEU:HD21	6	0.8
(32,1999)	1:21:A:THR:HG21	1:23:A:LEU:HD22	6	0.8
(32,1999)	1:21:A:THR:HG21	1:23:A:LEU:HD23	6	0.8
(32,1999)	1:21:A:THR:HG22	1:23:A:LEU:HD11	6	0.8
(32,1999)	1:21:A:THR:HG22	1:23:A:LEU:HD12	6	0.8
(32,1999)	1:21:A:THR:HG22	1:23:A:LEU:HD13	6	0.8
(32,1999)	1:21:A:THR:HG22	1:23:A:LEU:HD21	6	0.8
(32,1999)	1:21:A:THR:HG22	1:23:A:LEU:HD22	6	0.8
(32,1999)	1:21:A:THR:HG22	1:23:A:LEU:HD23	6	0.8
(32,1999)	1:21:A:THR:HG23	1:23:A:LEU:HD11	6	0.8
(32,1999)	1:21:A:THR:HG23	1:23:A:LEU:HD12	6	0.8
(32,1999)	1:21:A:THR:HG23	1:23:A:LEU:HD13	6	0.8
(32,1999)	1:21:A:THR:HG23	1:23:A:LEU:HD21	6	0.8
(32,1999)	1:21:A:THR:HG23	1:23:A:LEU:HD22	6	0.8
(32,1999)	1:21:A:THR:HG23	1:23:A:LEU:HD23	6	0.8
(32,1908)	1:10:A:ASN:HB2	1:61:A:SER:HA	10	0.8
(32,1908)	1:10:A:ASN:HB3	1:61:A:SER:HA	10	0.8
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD11	7	0.8
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD12	7	0.8
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD13	7	0.8
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD21	7	0.8
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD22	7	0.8
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD23	7	0.8
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD11	7	0.8
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD12	7	0.8
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD13	7	0.8
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD21	7	0.8
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD22	7	0.8
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD23	7	0.8
(32,1884)	1:14:A:VAL:HB	1:18:A:PHE:HZ	6	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1821)	1:9:A:PHE:HD1	1:57:A:LEU:HG	11	0.8
(32,1821)	1:9:A:PHE:HD2	1:57:A:LEU:HG	11	0.8
(32,1750)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	12	0.8
(32,1750)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	12	0.8
(32,1750)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	12	0.8
(32,1750)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	12	0.8
(32,1573)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	8	0.8
(32,1573)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	8	0.8
(32,1573)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	8	0.8
(32,1573)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	8	0.8
(32,1573)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	8	0.8
(32,1573)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	8	0.8
(32,1423)	1:15:A:ALA:HB1	1:132:A:ALA:HA	12	0.8
(32,1423)	1:15:A:ALA:HB2	1:132:A:ALA:HA	12	0.8
(32,1423)	1:15:A:ALA:HB3	1:132:A:ALA:HA	12	0.8
(32,1135)	1:39:A:VAL:HA	1:140:A:LEU:HD21	4	0.8
(32,1135)	1:39:A:VAL:HA	1:140:A:LEU:HD22	4	0.8
(32,1135)	1:39:A:VAL:HA	1:140:A:LEU:HD23	4	0.8
(32,1029)	1:13:A:ALA:HB1	1:79:A:THR:HA	14	0.8
(32,1029)	1:13:A:ALA:HB2	1:79:A:THR:HA	14	0.8
(32,1029)	1:13:A:ALA:HB3	1:79:A:THR:HA	14	0.8
(32,962)	1:102:A:PRO:HA	1:105:A:LYS:HB2	13	0.8
(32,962)	1:102:A:PRO:HA	1:105:A:LYS:HB3	13	0.8
(32,877)	1:20:A:THR:H	1:21:A:THR:HB	8	0.8
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	10	0.8
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	10	0.8
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	10	0.8
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	10	0.8
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	10	0.8
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	10	0.8
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	10	0.8
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	10	0.8
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	10	0.8
(32,732)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	19	0.8
(32,732)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	19	0.8
(32,732)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	19	0.8
(32,289)	1:43:A:MET:H	1:43:A:MET:HG3	8	0.8
(30,2027)	1:21:A:THR:HG21	1:23:A:LEU:HD11	6	0.8
(30,2027)	1:21:A:THR:HG21	1:23:A:LEU:HD12	6	0.8
(30,2027)	1:21:A:THR:HG21	1:23:A:LEU:HD13	6	0.8
(30,2027)	1:21:A:THR:HG21	1:23:A:LEU:HD21	6	0.8
(30,2027)	1:21:A:THR:HG21	1:23:A:LEU:HD22	6	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2027)	1:21:A:THR:HG21	1:23:A:LEU:HD23	6	0.8
(30,2027)	1:21:A:THR:HG22	1:23:A:LEU:HD11	6	0.8
(30,2027)	1:21:A:THR:HG22	1:23:A:LEU:HD12	6	0.8
(30,2027)	1:21:A:THR:HG22	1:23:A:LEU:HD13	6	0.8
(30,2027)	1:21:A:THR:HG22	1:23:A:LEU:HD21	6	0.8
(30,2027)	1:21:A:THR:HG22	1:23:A:LEU:HD22	6	0.8
(30,2027)	1:21:A:THR:HG22	1:23:A:LEU:HD23	6	0.8
(30,2027)	1:21:A:THR:HG23	1:23:A:LEU:HD11	6	0.8
(30,2027)	1:21:A:THR:HG23	1:23:A:LEU:HD12	6	0.8
(30,2027)	1:21:A:THR:HG23	1:23:A:LEU:HD13	6	0.8
(30,2027)	1:21:A:THR:HG23	1:23:A:LEU:HD21	6	0.8
(30,2027)	1:21:A:THR:HG23	1:23:A:LEU:HD22	6	0.8
(30,2027)	1:21:A:THR:HG23	1:23:A:LEU:HD23	6	0.8
(30,1937)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	13	0.8
(30,1937)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	13	0.8
(30,1937)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	13	0.8
(30,1937)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	13	0.8
(30,1937)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	13	0.8
(30,1937)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	13	0.8
(30,1937)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	13	0.8
(30,1937)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	13	0.8
(30,1937)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	13	0.8
(30,1937)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	13	0.8
(30,1937)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	13	0.8
(30,1937)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	13	0.8
(30,1921)	1:14:A:VAL:HB	1:18:A:PHE:HZ	6	0.8
(30,1844)	1:13:A:ALA:HA	1:80:A:TYR:HE1	18	0.8
(30,1844)	1:13:A:ALA:HA	1:80:A:TYR:HE2	18	0.8
(30,1612)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	8	0.8
(30,1612)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	8	0.8
(30,1612)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	8	0.8
(30,1612)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	8	0.8
(30,1612)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	8	0.8
(30,1612)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	8	0.8
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	9	0.8
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	9	0.8
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	9	0.8
(30,1271)	1:44:A:GLU:HG2	1:45:A:ALA:HA	3	0.8
(30,1271)	1:44:A:GLU:HG2	1:45:A:ALA:HA	6	0.8
(30,1050)	1:13:A:ALA:HB1	1:79:A:THR:HA	14	0.8
(30,1050)	1:13:A:ALA:HB2	1:79:A:THR:HA	14	0.8
(30,1050)	1:13:A:ALA:HB3	1:79:A:THR:HA	14	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,922)	1:34:A:LYS:H	1:81:A:GLU:HG2	1	0.8
(30,922)	1:34:A:LYS:H	1:81:A:GLU:HG3	1	0.8
(30,922)	1:34:A:LYS:H	1:81:A:GLU:HG2	6	0.8
(30,922)	1:34:A:LYS:H	1:81:A:GLU:HG3	6	0.8
(30,922)	1:34:A:LYS:H	1:81:A:GLU:HG2	19	0.8
(30,922)	1:34:A:LYS:H	1:81:A:GLU:HG3	19	0.8
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	12	0.8
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	12	0.8
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	12	0.8
(30,679)	1:133:A:ASN:H	1:134:A:VAL:HG21	12	0.8
(30,679)	1:133:A:ASN:H	1:134:A:VAL:HG22	12	0.8
(30,679)	1:133:A:ASN:H	1:134:A:VAL:HG23	12	0.8
(30,647)	1:70:A:LYS:H	1:74:A:PRO:HA	6	0.8
(30,323)	1:44:A:GLU:HG2	1:46:A:ASN:H	19	0.8
(29,2125)	1:39:A:VAL:HG11	1:140:A:LEU:HG	14	0.8
(29,2125)	1:39:A:VAL:HG12	1:140:A:LEU:HG	14	0.8
(29,2125)	1:39:A:VAL:HG13	1:140:A:LEU:HG	14	0.8
(29,2125)	1:39:A:VAL:HG21	1:140:A:LEU:HG	14	0.8
(29,2125)	1:39:A:VAL:HG22	1:140:A:LEU:HG	14	0.8
(29,2125)	1:39:A:VAL:HG23	1:140:A:LEU:HG	14	0.8
(29,2094)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	0.8
(29,2094)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	0.8
(29,2094)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	0.8
(29,2094)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	3	0.8
(29,2094)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	3	0.8
(29,2094)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	3	0.8
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG21	19	0.8
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG22	19	0.8
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG23	19	0.8
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG21	19	0.8
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG22	19	0.8
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG23	19	0.8
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG21	19	0.8
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG22	19	0.8
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG23	19	0.8
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG21	19	0.8
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG22	19	0.8
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG23	19	0.8
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG21	19	0.8
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG22	19	0.8
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG23	19	0.8
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG21	19	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG22	19	0.8
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG23	19	0.8
(29,1938)	1:14:A:VAL:HB	1:18:A:PHE:HZ	6	0.8
(29,1711)	1:53:A:THR:H	1:124:A:THR:HB	6	0.8
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE1	8	0.8
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE2	8	0.8
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE3	8	0.8
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	12	0.8
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	12	0.8
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	12	0.8
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	12	0.8
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	12	0.8
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	12	0.8
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	12	0.8
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	12	0.8
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	12	0.8
(29,1447)	1:31:A:PRO:HD3	1:144:A:LEU:HA	18	0.8
(29,1287)	1:44:A:GLU:HG2	1:45:A:ALA:HA	3	0.8
(29,1287)	1:44:A:GLU:HG2	1:45:A:ALA:HA	6	0.8
(29,1076)	1:13:A:ALA:HB1	1:79:A:THR:HA	14	0.8
(29,1076)	1:13:A:ALA:HB2	1:79:A:THR:HA	14	0.8
(29,1076)	1:13:A:ALA:HB3	1:79:A:THR:HA	14	0.8
(29,761)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	19	0.8
(29,761)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	19	0.8
(29,761)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	19	0.8
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	12	0.8
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	12	0.8
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	12	0.8
(29,687)	1:133:A:ASN:H	1:134:A:VAL:HG21	12	0.8
(29,687)	1:133:A:ASN:H	1:134:A:VAL:HG22	12	0.8
(29,687)	1:133:A:ASN:H	1:134:A:VAL:HG23	12	0.8
(29,654)	1:70:A:LYS:H	1:74:A:PRO:HA	6	0.8
(29,321)	1:44:A:GLU:HG2	1:46:A:ASN:H	19	0.8
(23,13)	1:114:A:ILE:N	1:110:A:MET:O	7	0.8
(22,41)	1:129:A:LYS:H	1:125:A:THR:C	2	0.8
(22,41)	1:129:A:LYS:H	1:125:A:THR:C	13	0.8
(22,41)	1:129:A:LYS:H	1:125:A:THR:C	16	0.8
(22,40)	1:128:A:LEU:N	1:124:A:THR:C	16	0.8
(22,39)	1:128:A:LEU:H	1:124:A:THR:C	12	0.8
(22,39)	1:128:A:LEU:H	1:124:A:THR:C	13	0.8
(22,32)	1:117:A:VAL:N	1:113:A:PHE:C	13	0.8
(22,31)	1:117:A:VAL:H	1:113:A:PHE:C	2	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(22,31)	1:117:A:VAL:H	1:113:A:PHE:C	9	0.8
(22,30)	1:116:A:GLN:N	1:112:A:GLN:C	5	0.8
(22,30)	1:116:A:GLN:N	1:112:A:GLN:C	10	0.8
(22,30)	1:116:A:GLN:N	1:112:A:GLN:C	12	0.8
(22,29)	1:116:A:GLN:H	1:112:A:GLN:C	11	0.8
(22,26)	1:114:A:ILE:N	1:110:A:MET:C	3	0.8
(19,19)	1:56:A:CYS:SG	1:127:A:CYS:CB	6	0.8
(19,9)	1:127:A:CYS:SG	1:123:A:CYS:CB	15	0.8
(19,6)	1:123:A:CYS:SG	1:52:A:CYS:CB	15	0.8
(18,2277)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	7	0.8
(18,2277)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	7	0.8
(18,2277)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	7	0.8
(18,2277)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	7	0.8
(18,2277)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	7	0.8
(18,2277)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	7	0.8
(18,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB2	7	0.8
(18,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB3	7	0.8
(18,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB2	7	0.8
(18,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB3	7	0.8
(18,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB2	7	0.8
(18,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB3	7	0.8
(18,2226)	1:60:A:LEU:HD11	1:123:A:CYS:H	18	0.8
(18,2226)	1:60:A:LEU:HD12	1:123:A:CYS:H	18	0.8
(18,2226)	1:60:A:LEU:HD13	1:123:A:CYS:H	18	0.8
(18,2226)	1:60:A:LEU:HD21	1:123:A:CYS:H	18	0.8
(18,2226)	1:60:A:LEU:HD22	1:123:A:CYS:H	18	0.8
(18,2226)	1:60:A:LEU:HD23	1:123:A:CYS:H	18	0.8
(18,2141)	1:43:A:MET:HA	1:134:A:VAL:HG11	13	0.8
(18,2141)	1:43:A:MET:HA	1:134:A:VAL:HG12	13	0.8
(18,2141)	1:43:A:MET:HA	1:134:A:VAL:HG13	13	0.8
(18,2141)	1:43:A:MET:HA	1:134:A:VAL:HG21	13	0.8
(18,2141)	1:43:A:MET:HA	1:134:A:VAL:HG22	13	0.8
(18,2141)	1:43:A:MET:HA	1:134:A:VAL:HG23	13	0.8
(18,2075)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	0.8
(18,2075)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	0.8
(18,2075)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	0.8
(18,2075)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	3	0.8
(18,2075)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	3	0.8
(18,2075)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	3	0.8
(18,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD11	6	0.8
(18,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD12	6	0.8
(18,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD13	6	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD21	6	0.8
(18,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD22	6	0.8
(18,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD23	6	0.8
(18,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD11	6	0.8
(18,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD12	6	0.8
(18,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD13	6	0.8
(18,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD21	6	0.8
(18,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD22	6	0.8
(18,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD23	6	0.8
(18,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD11	6	0.8
(18,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD12	6	0.8
(18,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD13	6	0.8
(18,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD21	6	0.8
(18,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD22	6	0.8
(18,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD23	6	0.8
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD11	15	0.8
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD12	15	0.8
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD13	15	0.8
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD21	15	0.8
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD22	15	0.8
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD23	15	0.8
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD11	15	0.8
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD12	15	0.8
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD13	15	0.8
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD21	15	0.8
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD22	15	0.8
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD23	15	0.8
(18,1936)	1:10:A:ASN:HB2	1:61:A:SER:HA	10	0.8
(18,1936)	1:10:A:ASN:HB3	1:61:A:SER:HA	10	0.8
(18,1910)	1:14:A:VAL:HB	1:18:A:PHE:HZ	6	0.8
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	1	0.8
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	1	0.8
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	1	0.8
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	1	0.8
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	1	0.8
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	1	0.8
(18,1749)	1:97:A:ASP:HA	1:105:A:LYS:HA	13	0.8
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	16	0.8
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	16	0.8
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	16	0.8
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	16	0.8
(18,1634)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	18	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1634)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	18	0.8
(18,1634)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	18	0.8
(18,1634)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	18	0.8
(18,1634)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	18	0.8
(18,1634)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	18	0.8
(18,1633)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	13	0.8
(18,1633)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	13	0.8
(18,1633)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	13	0.8
(18,1593)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	8	0.8
(18,1593)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	8	0.8
(18,1593)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	8	0.8
(18,1593)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	8	0.8
(18,1593)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	8	0.8
(18,1593)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	8	0.8
(18,1268)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	1	0.8
(18,1268)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	1	0.8
(18,1268)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	1	0.8
(18,1268)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	1	0.8
(18,1268)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	1	0.8
(18,1268)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	1	0.8
(18,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD21	10	0.8
(18,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD22	10	0.8
(18,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD23	10	0.8
(18,1036)	1:113:A:PHE:HA	1:116:A:GLN:HG3	14	0.8
(18,942)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	6	0.8
(18,942)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	6	0.8
(18,942)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	18	0.8
(18,942)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	18	0.8
(18,877)	1:56:A:CYS:H	1:122:A:ASP:HB3	4	0.8
(18,661)	1:70:A:LYS:H	1:74:A:PRO:HA	6	0.8
(18,107)	1:69:A:MET:H	1:69:A:MET:HE1	17	0.8
(18,107)	1:69:A:MET:H	1:69:A:MET:HE2	17	0.8
(18,107)	1:69:A:MET:H	1:69:A:MET:HE3	17	0.8
(17,2272)	1:74:A:PRO:HA	1:77:A:CYS:HB2	14	0.8
(17,2272)	1:74:A:PRO:HA	1:77:A:CYS:HB3	14	0.8
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG11	5	0.8
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG12	5	0.8
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG13	5	0.8
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG21	5	0.8
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG22	5	0.8
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG23	5	0.8
(17,2130)	1:39:A:VAL:HG11	1:140:A:LEU:HG	14	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2130)	1:39:A:VAL:HG12	1:140:A:LEU:HG	14	0.8
(17,2130)	1:39:A:VAL:HG13	1:140:A:LEU:HG	14	0.8
(17,2130)	1:39:A:VAL:HG21	1:140:A:LEU:HG	14	0.8
(17,2130)	1:39:A:VAL:HG22	1:140:A:LEU:HG	14	0.8
(17,2130)	1:39:A:VAL:HG23	1:140:A:LEU:HG	14	0.8
(17,2093)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	0.8
(17,2093)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	0.8
(17,2093)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	0.8
(17,2093)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	3	0.8
(17,2093)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	3	0.8
(17,2093)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	3	0.8
(17,1968)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	10	0.8
(17,1968)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	10	0.8
(17,1968)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	10	0.8
(17,1968)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	10	0.8
(17,1968)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	10	0.8
(17,1968)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	10	0.8
(17,1968)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	10	0.8
(17,1968)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	10	0.8
(17,1968)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	10	0.8
(17,1968)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	10	0.8
(17,1968)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	10	0.8
(17,1968)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	10	0.8
(17,1938)	1:14:A:VAL:HB	1:18:A:PHE:HZ	6	0.8
(17,1781)	1:97:A:ASP:HA	1:105:A:LYS:HA	13	0.8
(17,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	8	0.8
(17,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	8	0.8
(17,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	8	0.8
(17,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	8	0.8
(17,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	8	0.8
(17,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	8	0.8
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	19	0.8
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	19	0.8
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	19	0.8
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD21	11	0.8
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD22	11	0.8
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD23	11	0.8
(17,1254)	1:40:A:LEU:HD11	1:44:A:GLU:H	16	0.8
(17,1254)	1:40:A:LEU:HD12	1:44:A:GLU:H	16	0.8
(17,1254)	1:40:A:LEU:HD13	1:44:A:GLU:H	16	0.8
(17,1210)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	11	0.8
(17,1210)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	11	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1210)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	11	0.8
(17,1210)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	11	0.8
(17,1210)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	11	0.8
(17,1210)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	11	0.8
(17,1210)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	11	0.8
(17,1210)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	11	0.8
(17,1210)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	11	0.8
(17,1184)	1:39:A:VAL:HA	1:140:A:LEU:HD21	4	0.8
(17,1184)	1:39:A:VAL:HA	1:140:A:LEU:HD22	4	0.8
(17,1184)	1:39:A:VAL:HA	1:140:A:LEU:HD23	4	0.8
(17,1069)	1:13:A:ALA:HB1	1:79:A:THR:HA	14	0.8
(17,1069)	1:13:A:ALA:HB2	1:79:A:THR:HA	14	0.8
(17,1069)	1:13:A:ALA:HB3	1:79:A:THR:HA	14	0.8
(17,997)	1:12:A:VAL:HB	1:43:A:MET:HE1	19	0.8
(17,997)	1:12:A:VAL:HB	1:43:A:MET:HE2	19	0.8
(17,997)	1:12:A:VAL:HB	1:43:A:MET:HE3	19	0.8
(17,982)	1:47:A:ALA:HB1	1:134:A:VAL:HB	6	0.8
(17,982)	1:47:A:ALA:HB2	1:134:A:VAL:HB	6	0.8
(17,982)	1:47:A:ALA:HB3	1:134:A:VAL:HB	6	0.8
(17,982)	1:47:A:ALA:HB1	1:134:A:VAL:HB	7	0.8
(17,982)	1:47:A:ALA:HB2	1:134:A:VAL:HB	7	0.8
(17,982)	1:47:A:ALA:HB3	1:134:A:VAL:HB	7	0.8
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	12	0.8
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	12	0.8
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	12	0.8
(17,721)	1:54:A:ARG:HE	1:58:A:ILE:HD11	3	0.8
(17,721)	1:54:A:ARG:HE	1:58:A:ILE:HD12	3	0.8
(17,721)	1:54:A:ARG:HE	1:58:A:ILE:HD13	3	0.8
(17,694)	1:56:A:CYS:H	1:122:A:ASP:HB2	11	0.8
(17,650)	1:70:A:LYS:H	1:74:A:PRO:HA	6	0.8
(17,320)	1:44:A:GLU:HG2	1:46:A:ASN:H	19	0.8
(17,311)	1:43:A:MET:H	1:140:A:LEU:HD11	2	0.8
(17,311)	1:43:A:MET:H	1:140:A:LEU:HD12	2	0.8
(17,311)	1:43:A:MET:H	1:140:A:LEU:HD13	2	0.8
(16,2491)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	5	0.8
(16,2491)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	5	0.8
(16,2491)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	5	0.8
(16,2491)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	5	0.8
(16,2083)	1:35:A:LEU:HD11	1:38:A:GLU:H	19	0.8
(16,2083)	1:35:A:LEU:HD12	1:38:A:GLU:H	19	0.8
(16,2083)	1:35:A:LEU:HD13	1:38:A:GLU:H	19	0.8
(16,2083)	1:35:A:LEU:HD21	1:38:A:GLU:H	19	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2083)	1:35:A:LEU:HD22	1:38:A:GLU:H	19	0.8
(16,2083)	1:35:A:LEU:HD23	1:38:A:GLU:H	19	0.8
(16,2038)	1:23:A:LEU:HD11	1:27:A:ARG:HB2	8	0.8
(16,2038)	1:23:A:LEU:HD11	1:27:A:ARG:HB3	8	0.8
(16,2038)	1:23:A:LEU:HD12	1:27:A:ARG:HB2	8	0.8
(16,2038)	1:23:A:LEU:HD12	1:27:A:ARG:HB3	8	0.8
(16,2038)	1:23:A:LEU:HD13	1:27:A:ARG:HB2	8	0.8
(16,2038)	1:23:A:LEU:HD13	1:27:A:ARG:HB3	8	0.8
(16,2038)	1:23:A:LEU:HD21	1:27:A:ARG:HB2	8	0.8
(16,2038)	1:23:A:LEU:HD21	1:27:A:ARG:HB3	8	0.8
(16,2038)	1:23:A:LEU:HD22	1:27:A:ARG:HB2	8	0.8
(16,2038)	1:23:A:LEU:HD22	1:27:A:ARG:HB3	8	0.8
(16,2038)	1:23:A:LEU:HD23	1:27:A:ARG:HB2	8	0.8
(16,2038)	1:23:A:LEU:HD23	1:27:A:ARG:HB3	8	0.8
(16,2038)	1:23:A:LEU:HD11	1:27:A:ARG:HB2	18	0.8
(16,2038)	1:23:A:LEU:HD11	1:27:A:ARG:HB3	18	0.8
(16,2038)	1:23:A:LEU:HD12	1:27:A:ARG:HB2	18	0.8
(16,2038)	1:23:A:LEU:HD12	1:27:A:ARG:HB3	18	0.8
(16,2038)	1:23:A:LEU:HD13	1:27:A:ARG:HB2	18	0.8
(16,2038)	1:23:A:LEU:HD13	1:27:A:ARG:HB3	18	0.8
(16,2038)	1:23:A:LEU:HD21	1:27:A:ARG:HB2	18	0.8
(16,2038)	1:23:A:LEU:HD21	1:27:A:ARG:HB3	18	0.8
(16,2038)	1:23:A:LEU:HD22	1:27:A:ARG:HB2	18	0.8
(16,2038)	1:23:A:LEU:HD22	1:27:A:ARG:HB3	18	0.8
(16,2038)	1:23:A:LEU:HD23	1:27:A:ARG:HB2	18	0.8
(16,2038)	1:23:A:LEU:HD23	1:27:A:ARG:HB3	18	0.8
(16,2030)	1:21:A:THR:HG21	1:23:A:LEU:HD11	6	0.8
(16,2030)	1:21:A:THR:HG21	1:23:A:LEU:HD12	6	0.8
(16,2030)	1:21:A:THR:HG21	1:23:A:LEU:HD13	6	0.8
(16,2030)	1:21:A:THR:HG21	1:23:A:LEU:HD21	6	0.8
(16,2030)	1:21:A:THR:HG21	1:23:A:LEU:HD22	6	0.8
(16,2030)	1:21:A:THR:HG21	1:23:A:LEU:HD23	6	0.8
(16,2030)	1:21:A:THR:HG22	1:23:A:LEU:HD11	6	0.8
(16,2030)	1:21:A:THR:HG22	1:23:A:LEU:HD12	6	0.8
(16,2030)	1:21:A:THR:HG22	1:23:A:LEU:HD13	6	0.8
(16,2030)	1:21:A:THR:HG22	1:23:A:LEU:HD21	6	0.8
(16,2030)	1:21:A:THR:HG22	1:23:A:LEU:HD22	6	0.8
(16,2030)	1:21:A:THR:HG22	1:23:A:LEU:HD23	6	0.8
(16,2030)	1:21:A:THR:HG23	1:23:A:LEU:HD11	6	0.8
(16,2030)	1:21:A:THR:HG23	1:23:A:LEU:HD12	6	0.8
(16,2030)	1:21:A:THR:HG23	1:23:A:LEU:HD13	6	0.8
(16,2030)	1:21:A:THR:HG23	1:23:A:LEU:HD21	6	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2030)	1:21:A:THR:HG23	1:23:A:LEU:HD22	6	0.8
(16,2030)	1:21:A:THR:HG23	1:23:A:LEU:HD23	6	0.8
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	9	0.8
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	9	0.8
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	9	0.8
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	9	0.8
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	9	0.8
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	9	0.8
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	9	0.8
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	9	0.8
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	9	0.8
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	9	0.8
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	9	0.8
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	9	0.8
(16,1907)	1:14:A:VAL:HB	1:18:A:PHE:HZ	6	0.8
(16,1841)	1:9:A:PHE:HD1	1:57:A:LEU:HG	11	0.8
(16,1841)	1:9:A:PHE:HD2	1:57:A:LEU:HG	11	0.8
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	1	0.8
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	1	0.8
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	1	0.8
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	1	0.8
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	1	0.8
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	1	0.8
(16,1758)	1:95:A:ILE:HG21	1:97:A:ASP:HA	8	0.8
(16,1758)	1:95:A:ILE:HG22	1:97:A:ASP:HA	8	0.8
(16,1758)	1:95:A:ILE:HG23	1:97:A:ASP:HA	8	0.8
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD21	11	0.8
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD22	11	0.8
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD23	11	0.8
(16,1596)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	8	0.8
(16,1596)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	8	0.8
(16,1596)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	8	0.8
(16,1596)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	8	0.8
(16,1596)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	8	0.8
(16,1596)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	8	0.8
(16,1563)	1:58:A:ILE:HD11	1:61:A:SER:H	18	0.8
(16,1563)	1:58:A:ILE:HD12	1:61:A:SER:H	18	0.8
(16,1563)	1:58:A:ILE:HD13	1:61:A:SER:H	18	0.8
(16,1443)	1:31:A:PRO:HD3	1:144:A:LEU:HA	18	0.8
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	12	0.8
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	12	0.8
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	12	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1051)	1:11:A:ILE:HG12	1:43:A:MET:HB3	10	0.8
(16,1018)	1:95:A:ILE:HG21	1:105:A:LYS:HB2	9	0.8
(16,1018)	1:95:A:ILE:HG21	1:105:A:LYS:HB3	9	0.8
(16,1018)	1:95:A:ILE:HG22	1:105:A:LYS:HB2	9	0.8
(16,1018)	1:95:A:ILE:HG22	1:105:A:LYS:HB3	9	0.8
(16,1018)	1:95:A:ILE:HG23	1:105:A:LYS:HB2	9	0.8
(16,1018)	1:95:A:ILE:HG23	1:105:A:LYS:HB3	9	0.8
(16,1009)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	2	0.8
(16,1009)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	2	0.8
(16,996)	1:47:A:ALA:HB1	1:134:A:VAL:HB	4	0.8
(16,996)	1:47:A:ALA:HB2	1:134:A:VAL:HB	4	0.8
(16,996)	1:47:A:ALA:HB3	1:134:A:VAL:HB	4	0.8
(16,985)	1:14:A:VAL:HB	1:15:A:ALA:HB1	4	0.8
(16,985)	1:14:A:VAL:HB	1:15:A:ALA:HB2	4	0.8
(16,985)	1:14:A:VAL:HB	1:15:A:ALA:HB3	4	0.8
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	1	0.8
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	1	0.8
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	1	0.8
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	1	0.8
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD11	4	0.8
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD12	4	0.8
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD13	4	0.8
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD11	4	0.8
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD12	4	0.8
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD13	4	0.8
(16,758)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	19	0.8
(16,758)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	19	0.8
(16,758)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	19	0.8
(16,726)	1:54:A:ARG:HE	1:58:A:ILE:HD11	3	0.8
(16,726)	1:54:A:ARG:HE	1:58:A:ILE:HD12	3	0.8
(16,726)	1:54:A:ARG:HE	1:58:A:ILE:HD13	3	0.8
(16,702)	1:56:A:CYS:H	1:122:A:ASP:HB2	11	0.8
(16,688)	1:133:A:ASN:H	1:134:A:VAL:HG21	12	0.8
(16,688)	1:133:A:ASN:H	1:134:A:VAL:HG22	12	0.8
(16,688)	1:133:A:ASN:H	1:134:A:VAL:HG23	12	0.8
(16,652)	1:70:A:LYS:H	1:74:A:PRO:HA	6	0.8
(16,580)	1:42:A:GLU:HB3	1:46:A:ASN:HD21	1	0.8
(16,303)	1:43:A:MET:H	1:43:A:MET:HG2	15	0.8
(15,2118)	1:43:A:MET:HA	1:134:A:VAL:HG11	13	0.8
(15,2118)	1:43:A:MET:HA	1:134:A:VAL:HG12	13	0.8
(15,2118)	1:43:A:MET:HA	1:134:A:VAL:HG13	13	0.8
(15,2118)	1:43:A:MET:HA	1:134:A:VAL:HG21	13	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2118)	1:43:A:MET:HA	1:134:A:VAL:HG22	13	0.8
(15,2118)	1:43:A:MET:HA	1:134:A:VAL:HG23	13	0.8
(15,2110)	1:42:A:GLU:H	1:139:A:LEU:HD11	17	0.8
(15,2110)	1:42:A:GLU:H	1:139:A:LEU:HD12	17	0.8
(15,2110)	1:42:A:GLU:H	1:139:A:LEU:HD13	17	0.8
(15,2110)	1:42:A:GLU:H	1:139:A:LEU:HD21	17	0.8
(15,2110)	1:42:A:GLU:H	1:139:A:LEU:HD22	17	0.8
(15,2110)	1:42:A:GLU:H	1:139:A:LEU:HD23	17	0.8
(15,2088)	1:39:A:VAL:HG11	1:140:A:LEU:HG	14	0.8
(15,2088)	1:39:A:VAL:HG12	1:140:A:LEU:HG	14	0.8
(15,2088)	1:39:A:VAL:HG13	1:140:A:LEU:HG	14	0.8
(15,2088)	1:39:A:VAL:HG21	1:140:A:LEU:HG	14	0.8
(15,2088)	1:39:A:VAL:HG22	1:140:A:LEU:HG	14	0.8
(15,2088)	1:39:A:VAL:HG23	1:140:A:LEU:HG	14	0.8
(15,2068)	1:38:A:GLU:HA	1:139:A:LEU:HD11	17	0.8
(15,2068)	1:38:A:GLU:HA	1:139:A:LEU:HD12	17	0.8
(15,2068)	1:38:A:GLU:HA	1:139:A:LEU:HD13	17	0.8
(15,2068)	1:38:A:GLU:HA	1:139:A:LEU:HD21	17	0.8
(15,2068)	1:38:A:GLU:HA	1:139:A:LEU:HD22	17	0.8
(15,2068)	1:38:A:GLU:HA	1:139:A:LEU:HD23	17	0.8
(15,2054)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	0.8
(15,2054)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	0.8
(15,2054)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	0.8
(15,2054)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	3	0.8
(15,2054)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	3	0.8
(15,2054)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	3	0.8
(15,2007)	1:21:A:THR:HG21	1:23:A:LEU:HD11	6	0.8
(15,2007)	1:21:A:THR:HG21	1:23:A:LEU:HD12	6	0.8
(15,2007)	1:21:A:THR:HG21	1:23:A:LEU:HD13	6	0.8
(15,2007)	1:21:A:THR:HG21	1:23:A:LEU:HD21	6	0.8
(15,2007)	1:21:A:THR:HG21	1:23:A:LEU:HD22	6	0.8
(15,2007)	1:21:A:THR:HG21	1:23:A:LEU:HD23	6	0.8
(15,2007)	1:21:A:THR:HG22	1:23:A:LEU:HD11	6	0.8
(15,2007)	1:21:A:THR:HG22	1:23:A:LEU:HD12	6	0.8
(15,2007)	1:21:A:THR:HG22	1:23:A:LEU:HD13	6	0.8
(15,2007)	1:21:A:THR:HG22	1:23:A:LEU:HD21	6	0.8
(15,2007)	1:21:A:THR:HG22	1:23:A:LEU:HD22	6	0.8
(15,2007)	1:21:A:THR:HG22	1:23:A:LEU:HD23	6	0.8
(15,2007)	1:21:A:THR:HG23	1:23:A:LEU:HD11	6	0.8
(15,2007)	1:21:A:THR:HG23	1:23:A:LEU:HD12	6	0.8
(15,2007)	1:21:A:THR:HG23	1:23:A:LEU:HD13	6	0.8
(15,2007)	1:21:A:THR:HG23	1:23:A:LEU:HD21	6	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2007)	1:21:A:THR:HG23	1:23:A:LEU:HD22	6	0.8
(15,2007)	1:21:A:THR:HG23	1:23:A:LEU:HD23	6	0.8
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	13	0.8
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	13	0.8
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	13	0.8
(15,1839)	1:9:A:PHE:HD1	1:57:A:LEU:HG	11	0.8
(15,1839)	1:9:A:PHE:HD2	1:57:A:LEU:HG	11	0.8
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG21	2	0.8
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG22	2	0.8
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG23	2	0.8
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG21	2	0.8
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG22	2	0.8
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG23	2	0.8
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG21	2	0.8
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG22	2	0.8
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG23	2	0.8
(15,1601)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	8	0.8
(15,1601)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	8	0.8
(15,1601)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	8	0.8
(15,1601)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	8	0.8
(15,1601)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	8	0.8
(15,1601)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	8	0.8
(15,1468)	1:95:A:ILE:HG21	1:97:A:ASP:H	15	0.8
(15,1468)	1:95:A:ILE:HG22	1:97:A:ASP:H	15	0.8
(15,1468)	1:95:A:ILE:HG23	1:97:A:ASP:H	15	0.8
(15,1173)	1:39:A:VAL:HA	1:140:A:LEU:HD21	4	0.8
(15,1173)	1:39:A:VAL:HA	1:140:A:LEU:HD22	4	0.8
(15,1173)	1:39:A:VAL:HA	1:140:A:LEU:HD23	4	0.8
(15,1064)	1:13:A:ALA:HB1	1:79:A:THR:HA	14	0.8
(15,1064)	1:13:A:ALA:HB2	1:79:A:THR:HA	14	0.8
(15,1064)	1:13:A:ALA:HB3	1:79:A:THR:HA	14	0.8
(15,980)	1:47:A:ALA:HB1	1:134:A:VAL:HB	4	0.8
(15,980)	1:47:A:ALA:HB2	1:134:A:VAL:HB	4	0.8
(15,980)	1:47:A:ALA:HB3	1:134:A:VAL:HB	4	0.8
(15,842)	1:45:A:ALA:H	1:48:A:ARG:HD2	14	0.8
(15,842)	1:45:A:ALA:H	1:48:A:ARG:HD3	14	0.8
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	10	0.8
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	10	0.8
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	10	0.8
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	10	0.8
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	10	0.8
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	10	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	10	0.8
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	10	0.8
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	10	0.8
(15,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	9	0.8
(15,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	9	0.8
(15,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	9	0.8
(15,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	9	0.8
(15,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	9	0.8
(15,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	9	0.8
(15,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	9	0.8
(15,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	9	0.8
(15,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	9	0.8
(15,750)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	19	0.8
(15,750)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	19	0.8
(15,750)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	19	0.8
(15,720)	1:54:A:ARG:HE	1:58:A:ILE:HD11	3	0.8
(15,720)	1:54:A:ARG:HE	1:58:A:ILE:HD12	3	0.8
(15,720)	1:54:A:ARG:HE	1:58:A:ILE:HD13	3	0.8
(15,655)	1:70:A:LYS:H	1:74:A:PRO:HA	6	0.8
(15,588)	1:126:A:GLY:H	1:128:A:LEU:HG	4	0.8
(15,14)	1:64:A:LYS:H	1:116:A:GLN:HG2	5	0.8
(13,2468)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	5	0.8
(13,2468)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	5	0.8
(13,2468)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	5	0.8
(13,2468)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	5	0.8
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG11	8	0.8
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG12	8	0.8
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG13	8	0.8
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG21	8	0.8
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG22	8	0.8
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG23	8	0.8
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG11	8	0.8
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG12	8	0.8
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG13	8	0.8
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG21	8	0.8
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG22	8	0.8
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG23	8	0.8
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG11	8	0.8
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG12	8	0.8
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG13	8	0.8
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG21	8	0.8
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG22	8	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG23	8	0.8
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG11	8	0.8
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG12	8	0.8
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG13	8	0.8
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG21	8	0.8
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG22	8	0.8
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG23	8	0.8
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG11	8	0.8
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG12	8	0.8
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG13	8	0.8
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG21	8	0.8
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG22	8	0.8
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG23	8	0.8
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG11	8	0.8
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG12	8	0.8
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG13	8	0.8
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG21	8	0.8
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG22	8	0.8
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG23	8	0.8
(13,2237)	1:74:A:PRO:HA	1:77:A:CYS:HB2	14	0.8
(13,2237)	1:74:A:PRO:HA	1:77:A:CYS:HB3	14	0.8
(13,2211)	1:68:A:LYS:H	1:70:A:LYS:HG2	15	0.8
(13,2211)	1:68:A:LYS:H	1:70:A:LYS:HG3	15	0.8
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD11	8	0.8
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD12	8	0.8
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD13	8	0.8
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD21	8	0.8
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD22	8	0.8
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD23	8	0.8
(13,2036)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	0.8
(13,2036)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	0.8
(13,2036)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	0.8
(13,2036)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	3	0.8
(13,2036)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	3	0.8
(13,2036)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	3	0.8
(13,1996)	1:21:A:THR:HG21	1:23:A:LEU:HD11	6	0.8
(13,1996)	1:21:A:THR:HG21	1:23:A:LEU:HD12	6	0.8
(13,1996)	1:21:A:THR:HG21	1:23:A:LEU:HD13	6	0.8
(13,1996)	1:21:A:THR:HG21	1:23:A:LEU:HD21	6	0.8
(13,1996)	1:21:A:THR:HG21	1:23:A:LEU:HD22	6	0.8
(13,1996)	1:21:A:THR:HG21	1:23:A:LEU:HD23	6	0.8
(13,1996)	1:21:A:THR:HG22	1:23:A:LEU:HD11	6	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1996)	1:21:A:THR:HG22	1:23:A:LEU:HD12	6	0.8
(13,1996)	1:21:A:THR:HG22	1:23:A:LEU:HD13	6	0.8
(13,1996)	1:21:A:THR:HG22	1:23:A:LEU:HD21	6	0.8
(13,1996)	1:21:A:THR:HG22	1:23:A:LEU:HD22	6	0.8
(13,1996)	1:21:A:THR:HG22	1:23:A:LEU:HD23	6	0.8
(13,1996)	1:21:A:THR:HG23	1:23:A:LEU:HD11	6	0.8
(13,1996)	1:21:A:THR:HG23	1:23:A:LEU:HD12	6	0.8
(13,1996)	1:21:A:THR:HG23	1:23:A:LEU:HD13	6	0.8
(13,1996)	1:21:A:THR:HG23	1:23:A:LEU:HD21	6	0.8
(13,1996)	1:21:A:THR:HG23	1:23:A:LEU:HD22	6	0.8
(13,1996)	1:21:A:THR:HG23	1:23:A:LEU:HD23	6	0.8
(13,1950)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	4	0.8
(13,1950)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	4	0.8
(13,1950)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	4	0.8
(13,1950)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	4	0.8
(13,1950)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	4	0.8
(13,1950)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	4	0.8
(13,1950)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	4	0.8
(13,1950)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	4	0.8
(13,1950)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	4	0.8
(13,1950)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	4	0.8
(13,1950)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	4	0.8
(13,1950)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	4	0.8
(13,1939)	1:12:A:VAL:HG11	1:81:A:GLU:H	6	0.8
(13,1939)	1:12:A:VAL:HG12	1:81:A:GLU:H	6	0.8
(13,1939)	1:12:A:VAL:HG13	1:81:A:GLU:H	6	0.8
(13,1939)	1:12:A:VAL:HG21	1:81:A:GLU:H	6	0.8
(13,1939)	1:12:A:VAL:HG22	1:81:A:GLU:H	6	0.8
(13,1939)	1:12:A:VAL:HG23	1:81:A:GLU:H	6	0.8
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG21	19	0.8
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG22	19	0.8
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG23	19	0.8
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG21	19	0.8
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG22	19	0.8
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG23	19	0.8
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG21	19	0.8
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG22	19	0.8
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG23	19	0.8
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG21	19	0.8
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG22	19	0.8
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG23	19	0.8
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG21	19	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG22	19	0.8
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG23	19	0.8
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG21	19	0.8
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG22	19	0.8
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG23	19	0.8
(13,1750)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	6	0.8
(13,1750)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	6	0.8
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG21	2	0.8
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG22	2	0.8
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG23	2	0.8
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG21	2	0.8
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG22	2	0.8
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG23	2	0.8
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG21	2	0.8
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG22	2	0.8
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG23	2	0.8
(13,1577)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	8	0.8
(13,1577)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	8	0.8
(13,1577)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	8	0.8
(13,1577)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	8	0.8
(13,1577)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	8	0.8
(13,1577)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	8	0.8
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD21	11	0.8
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD22	11	0.8
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD23	11	0.8
(13,1044)	1:13:A:ALA:HB1	1:79:A:THR:HA	14	0.8
(13,1044)	1:13:A:ALA:HB2	1:79:A:THR:HA	14	0.8
(13,1044)	1:13:A:ALA:HB3	1:79:A:THR:HA	14	0.8
(13,970)	1:105:A:LYS:HD2	1:107:A:LEU:H	16	0.8
(13,970)	1:105:A:LYS:HD3	1:107:A:LEU:H	16	0.8
(13,908)	1:34:A:LYS:H	1:81:A:GLU:HG2	1	0.8
(13,908)	1:34:A:LYS:H	1:81:A:GLU:HG3	1	0.8
(13,908)	1:34:A:LYS:H	1:81:A:GLU:HG2	6	0.8
(13,908)	1:34:A:LYS:H	1:81:A:GLU:HG3	6	0.8
(13,908)	1:34:A:LYS:H	1:81:A:GLU:HG2	19	0.8
(13,908)	1:34:A:LYS:H	1:81:A:GLU:HG3	19	0.8
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	19	0.8
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	19	0.8
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	19	0.8
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	19	0.8
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	19	0.8
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	19	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,732)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	19	0.8
(13,732)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	19	0.8
(13,732)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	19	0.8
(13,703)	1:54:A:ARG:HE	1:58:A:ILE:HD11	3	0.8
(13,703)	1:54:A:ARG:HE	1:58:A:ILE:HD12	3	0.8
(13,703)	1:54:A:ARG:HE	1:58:A:ILE:HD13	3	0.8
(11,2247)	1:68:A:LYS:H	1:70:A:LYS:HG2	15	0.8
(11,2247)	1:68:A:LYS:H	1:70:A:LYS:HG3	15	0.8
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD11	15	0.8
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD12	15	0.8
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD13	15	0.8
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD21	15	0.8
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD22	15	0.8
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD23	15	0.8
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD11	15	0.8
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD12	15	0.8
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD13	15	0.8
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD21	15	0.8
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD22	15	0.8
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD23	15	0.8
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD11	19	0.8
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD12	19	0.8
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD13	19	0.8
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD21	19	0.8
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD22	19	0.8
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD23	19	0.8
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD11	19	0.8
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD12	19	0.8
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD13	19	0.8
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD21	19	0.8
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD22	19	0.8
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD23	19	0.8
(11,2128)	1:39:A:VAL:HG11	1:140:A:LEU:HG	14	0.8
(11,2128)	1:39:A:VAL:HG12	1:140:A:LEU:HG	14	0.8
(11,2128)	1:39:A:VAL:HG13	1:140:A:LEU:HG	14	0.8
(11,2128)	1:39:A:VAL:HG21	1:140:A:LEU:HG	14	0.8
(11,2128)	1:39:A:VAL:HG22	1:140:A:LEU:HG	14	0.8
(11,2128)	1:39:A:VAL:HG23	1:140:A:LEU:HG	14	0.8
(11,2087)	1:35:A:LEU:HD11	1:38:A:GLU:H	19	0.8
(11,2087)	1:35:A:LEU:HD12	1:38:A:GLU:H	19	0.8
(11,2087)	1:35:A:LEU:HD13	1:38:A:GLU:H	19	0.8
(11,2087)	1:35:A:LEU:HD21	1:38:A:GLU:H	19	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2087)	1:35:A:LEU:HD22	1:38:A:GLU:H	19	0.8
(11,2087)	1:35:A:LEU:HD23	1:38:A:GLU:H	19	0.8
(11,1960)	1:10:A:ASN:HB2	1:61:A:SER:HA	10	0.8
(11,1960)	1:10:A:ASN:HB3	1:61:A:SER:HA	10	0.8
(11,1800)	1:97:A:ASP:HA	1:105:A:LYS:HG3	18	0.8
(11,1651)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	7	0.8
(11,1651)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	7	0.8
(11,1651)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	7	0.8
(11,1651)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	7	0.8
(11,1651)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	7	0.8
(11,1651)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	7	0.8
(11,1640)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	8	0.8
(11,1640)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	8	0.8
(11,1640)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	8	0.8
(11,1640)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	8	0.8
(11,1640)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	8	0.8
(11,1640)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	8	0.8
(11,1605)	1:58:A:ILE:HD11	1:61:A:SER:H	18	0.8
(11,1605)	1:58:A:ILE:HD12	1:61:A:SER:H	18	0.8
(11,1605)	1:58:A:ILE:HD13	1:61:A:SER:H	18	0.8
(11,1597)	1:11:A:ILE:HD11	1:18:A:PHE:HD1	1	0.8
(11,1597)	1:11:A:ILE:HD11	1:18:A:PHE:HD2	1	0.8
(11,1597)	1:11:A:ILE:HD12	1:18:A:PHE:HD1	1	0.8
(11,1597)	1:11:A:ILE:HD12	1:18:A:PHE:HD2	1	0.8
(11,1597)	1:11:A:ILE:HD13	1:18:A:PHE:HD1	1	0.8
(11,1597)	1:11:A:ILE:HD13	1:18:A:PHE:HD2	1	0.8
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD21	8	0.8
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD22	8	0.8
(11,1535)	1:43:A:MET:HE1	1:144:A:LEU:HD23	8	0.8
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD21	8	0.8
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD22	8	0.8
(11,1535)	1:43:A:MET:HE2	1:144:A:LEU:HD23	8	0.8
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD21	8	0.8
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD22	8	0.8
(11,1535)	1:43:A:MET:HE3	1:144:A:LEU:HD23	8	0.8
(11,1460)	1:31:A:PRO:HD3	1:144:A:LEU:HA	18	0.8
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG21	2	0.8
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG22	2	0.8
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG23	2	0.8
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG21	2	0.8
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG22	2	0.8
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG23	2	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG21	2	0.8
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG22	2	0.8
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG23	2	0.8
(11,1294)	1:44:A:GLU:HG2	1:45:A:ALA:HA	3	0.8
(11,1294)	1:44:A:GLU:HG2	1:45:A:ALA:HA	6	0.8
(11,1263)	1:40:A:LEU:HD11	1:44:A:GLU:H	16	0.8
(11,1263)	1:40:A:LEU:HD12	1:44:A:GLU:H	16	0.8
(11,1263)	1:40:A:LEU:HD13	1:44:A:GLU:H	16	0.8
(11,1211)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	11	0.8
(11,1211)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	11	0.8
(11,1211)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	11	0.8
(11,1211)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	11	0.8
(11,1211)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	11	0.8
(11,1211)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	11	0.8
(11,1211)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	11	0.8
(11,1211)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	11	0.8
(11,1211)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	11	0.8
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD11	10	0.8
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD12	10	0.8
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD13	10	0.8
(11,994)	1:105:A:LYS:HD2	1:107:A:LEU:H	14	0.8
(11,994)	1:105:A:LYS:HD3	1:107:A:LEU:H	14	0.8
(11,940)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	9	0.8
(11,896)	1:73:A:ILE:HB	1:76:A:ARG:HA	5	0.8
(11,869)	1:56:A:CYS:H	1:122:A:ASP:HB3	4	0.8
(11,839)	1:45:A:ALA:H	1:48:A:ARG:HD2	14	0.8
(11,839)	1:45:A:ALA:H	1:48:A:ARG:HD3	14	0.8
(11,747)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	19	0.8
(11,747)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	19	0.8
(11,747)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	19	0.8
(11,720)	1:54:A:ARG:HE	1:58:A:ILE:HD11	3	0.8
(11,720)	1:54:A:ARG:HE	1:58:A:ILE:HD12	3	0.8
(11,720)	1:54:A:ARG:HE	1:58:A:ILE:HD13	3	0.8
(11,650)	1:70:A:LYS:H	1:74:A:PRO:HA	6	0.8
(11,637)	1:59:A:CYS:H	1:60:A:LEU:HB3	19	0.8
(9,2015)	1:21:A:THR:HG21	1:23:A:LEU:HD11	6	0.8
(9,2015)	1:21:A:THR:HG21	1:23:A:LEU:HD12	6	0.8
(9,2015)	1:21:A:THR:HG21	1:23:A:LEU:HD13	6	0.8
(9,2015)	1:21:A:THR:HG21	1:23:A:LEU:HD21	6	0.8
(9,2015)	1:21:A:THR:HG21	1:23:A:LEU:HD22	6	0.8
(9,2015)	1:21:A:THR:HG21	1:23:A:LEU:HD23	6	0.8
(9,2015)	1:21:A:THR:HG22	1:23:A:LEU:HD11	6	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2015)	1:21:A:THR:HG22	1:23:A:LEU:HD12	6	0.8
(9,2015)	1:21:A:THR:HG22	1:23:A:LEU:HD13	6	0.8
(9,2015)	1:21:A:THR:HG22	1:23:A:LEU:HD21	6	0.8
(9,2015)	1:21:A:THR:HG22	1:23:A:LEU:HD22	6	0.8
(9,2015)	1:21:A:THR:HG22	1:23:A:LEU:HD23	6	0.8
(9,2015)	1:21:A:THR:HG23	1:23:A:LEU:HD11	6	0.8
(9,2015)	1:21:A:THR:HG23	1:23:A:LEU:HD12	6	0.8
(9,2015)	1:21:A:THR:HG23	1:23:A:LEU:HD13	6	0.8
(9,2015)	1:21:A:THR:HG23	1:23:A:LEU:HD21	6	0.8
(9,2015)	1:21:A:THR:HG23	1:23:A:LEU:HD22	6	0.8
(9,2015)	1:21:A:THR:HG23	1:23:A:LEU:HD23	6	0.8
(9,1936)	1:10:A:ASN:HB2	1:61:A:SER:HA	10	0.8
(9,1936)	1:10:A:ASN:HB3	1:61:A:SER:HA	10	0.8
(9,1919)	1:14:A:VAL:HB	1:18:A:PHE:HZ	6	0.8
(9,1845)	1:9:A:PHE:HD1	1:57:A:LEU:HG	11	0.8
(9,1845)	1:9:A:PHE:HD2	1:57:A:LEU:HG	11	0.8
(9,1826)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	7	0.8
(9,1826)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	7	0.8
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	1	0.8
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	1	0.8
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	1	0.8
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	1	0.8
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	1	0.8
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	1	0.8
(9,1679)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.8
(9,1640)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	18	0.8
(9,1640)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	18	0.8
(9,1640)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	18	0.8
(9,1640)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	18	0.8
(9,1640)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	18	0.8
(9,1640)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	18	0.8
(9,1602)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	8	0.8
(9,1602)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	8	0.8
(9,1602)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	8	0.8
(9,1602)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	8	0.8
(9,1602)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	8	0.8
(9,1602)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	8	0.8
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE1	13	0.8
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE2	13	0.8
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE3	13	0.8
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE1	13	0.8
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE2	13	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE3	13	0.8
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	9	0.8
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	9	0.8
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	9	0.8
(9,1275)	1:44:A:GLU:HG2	1:45:A:ALA:HA	3	0.8
(9,1275)	1:44:A:GLU:HG2	1:45:A:ALA:HA	6	0.8
(9,1267)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	1	0.8
(9,1267)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	1	0.8
(9,1267)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	1	0.8
(9,1267)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	1	0.8
(9,1267)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	1	0.8
(9,1267)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	1	0.8
(9,1255)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	1	0.8
(9,1255)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	1	0.8
(9,1255)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	1	0.8
(9,974)	1:47:A:ALA:HB1	1:134:A:VAL:HB	4	0.8
(9,974)	1:47:A:ALA:HB2	1:134:A:VAL:HB	4	0.8
(9,974)	1:47:A:ALA:HB3	1:134:A:VAL:HB	4	0.8
(9,744)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	19	0.8
(9,744)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	19	0.8
(9,744)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	19	0.8
(9,332)	1:44:A:GLU:HG2	1:46:A:ASN:H	19	0.8
(7,2042)	1:35:A:LEU:HD11	1:38:A:GLU:H	19	0.8
(7,2042)	1:35:A:LEU:HD12	1:38:A:GLU:H	19	0.8
(7,2042)	1:35:A:LEU:HD13	1:38:A:GLU:H	19	0.8
(7,2042)	1:35:A:LEU:HD21	1:38:A:GLU:H	19	0.8
(7,2042)	1:35:A:LEU:HD22	1:38:A:GLU:H	19	0.8
(7,2042)	1:35:A:LEU:HD23	1:38:A:GLU:H	19	0.8
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	14	0.8
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	14	0.8
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	14	0.8
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	14	0.8
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	14	0.8
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	14	0.8
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	14	0.8
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	14	0.8
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	14	0.8
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	14	0.8
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	14	0.8
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	14	0.8
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	14	0.8
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	14	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	14	0.8
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	14	0.8
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	14	0.8
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	14	0.8
(7,1621)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	2	0.8
(7,1621)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	2	0.8
(7,1621)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	2	0.8
(7,1621)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	2	0.8
(7,1621)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	2	0.8
(7,1621)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	2	0.8
(7,1621)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	2	0.8
(7,1621)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	2	0.8
(7,1621)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	2	0.8
(7,1582)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	8	0.8
(7,1582)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	8	0.8
(7,1582)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	8	0.8
(7,1582)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	8	0.8
(7,1582)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	8	0.8
(7,1582)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	8	0.8
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	9	0.8
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	9	0.8
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	9	0.8
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	14	0.8
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	14	0.8
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	14	0.8
(7,1259)	1:44:A:GLU:HG2	1:45:A:ALA:HA	3	0.8
(7,1259)	1:44:A:GLU:HG2	1:45:A:ALA:HA	6	0.8
(7,1105)	1:40:A:LEU:HA	1:44:A:GLU:HB2	10	0.8
(7,1105)	1:40:A:LEU:HA	1:44:A:GLU:HB3	10	0.8
(7,1038)	1:13:A:ALA:HB1	1:79:A:THR:HA	14	0.8
(7,1038)	1:13:A:ALA:HB2	1:79:A:THR:HA	14	0.8
(7,1038)	1:13:A:ALA:HB3	1:79:A:THR:HA	14	0.8
(7,916)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	2	0.8
(7,916)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	2	0.8
(7,914)	1:34:A:LYS:H	1:81:A:GLU:HG2	1	0.8
(7,914)	1:34:A:LYS:H	1:81:A:GLU:HG3	1	0.8
(7,914)	1:34:A:LYS:H	1:81:A:GLU:HG2	6	0.8
(7,914)	1:34:A:LYS:H	1:81:A:GLU:HG3	6	0.8
(7,914)	1:34:A:LYS:H	1:81:A:GLU:HG2	19	0.8
(7,914)	1:34:A:LYS:H	1:81:A:GLU:HG3	19	0.8
(7,775)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	8	0.8
(7,775)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	8	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,775)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	8	0.8
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	12	0.8
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	12	0.8
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	12	0.8
(7,713)	1:54:A:ARG:HE	1:58:A:ILE:HD11	3	0.8
(7,713)	1:54:A:ARG:HE	1:58:A:ILE:HD12	3	0.8
(7,713)	1:54:A:ARG:HE	1:58:A:ILE:HD13	3	0.8
(7,649)	1:70:A:LYS:H	1:74:A:PRO:HA	6	0.8
(7,319)	1:44:A:GLU:HG2	1:46:A:ASN:H	19	0.8
(7,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	13	0.8
(7,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	13	0.8
(7,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	13	0.8
(7,44)	1:44:A:GLU:HG2	1:47:A:ALA:H	6	0.8
(6,2431)	1:134:A:VAL:HG11	1:137:A:SER:H	2	0.8
(6,2431)	1:134:A:VAL:HG12	1:137:A:SER:H	2	0.8
(6,2431)	1:134:A:VAL:HG13	1:137:A:SER:H	2	0.8
(6,2431)	1:134:A:VAL:HG21	1:137:A:SER:H	2	0.8
(6,2431)	1:134:A:VAL:HG22	1:137:A:SER:H	2	0.8
(6,2431)	1:134:A:VAL:HG23	1:137:A:SER:H	2	0.8
(6,2143)	1:43:A:MET:HB2	1:140:A:LEU:HG	10	0.8
(6,2143)	1:43:A:MET:HB3	1:140:A:LEU:HG	10	0.8
(6,2141)	1:43:A:MET:HA	1:134:A:VAL:HG11	13	0.8
(6,2141)	1:43:A:MET:HA	1:134:A:VAL:HG12	13	0.8
(6,2141)	1:43:A:MET:HA	1:134:A:VAL:HG13	13	0.8
(6,2141)	1:43:A:MET:HA	1:134:A:VAL:HG21	13	0.8
(6,2141)	1:43:A:MET:HA	1:134:A:VAL:HG22	13	0.8
(6,2141)	1:43:A:MET:HA	1:134:A:VAL:HG23	13	0.8
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	1	0.8
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	1	0.8
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	1	0.8
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	1	0.8
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	1	0.8
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	1	0.8
(6,1771)	1:97:A:ASP:HA	1:105:A:LYS:HA	13	0.8
(6,1618)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	7	0.8
(6,1618)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	7	0.8
(6,1618)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	7	0.8
(6,1618)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	7	0.8
(6,1618)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	7	0.8
(6,1618)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	7	0.8
(6,1608)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	8	0.8
(6,1608)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	8	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1608)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	8	0.8
(6,1608)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	8	0.8
(6,1608)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	8	0.8
(6,1608)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	8	0.8
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	11	0.8
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	11	0.8
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	11	0.8
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	11	0.8
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	11	0.8
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	11	0.8
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	11	0.8
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	11	0.8
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	11	0.8
(6,1485)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	3	0.8
(6,1485)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	3	0.8
(6,1485)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	3	0.8
(6,1485)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	3	0.8
(6,1485)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	3	0.8
(6,1485)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	3	0.8
(6,1485)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	3	0.8
(6,1485)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	3	0.8
(6,1485)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	3	0.8
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	9	0.8
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	9	0.8
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	9	0.8
(6,1265)	1:44:A:GLU:HG2	1:45:A:ALA:HA	3	0.8
(6,1265)	1:44:A:GLU:HG2	1:45:A:ALA:HA	6	0.8
(6,1111)	1:40:A:LEU:HA	1:44:A:GLU:HB2	10	0.8
(6,1111)	1:40:A:LEU:HA	1:44:A:GLU:HB3	10	0.8
(6,1044)	1:13:A:ALA:HB1	1:79:A:THR:HA	14	0.8
(6,1044)	1:13:A:ALA:HB2	1:79:A:THR:HA	14	0.8
(6,1044)	1:13:A:ALA:HB3	1:79:A:THR:HA	14	0.8
(6,828)	1:48:A:ARG:HD2	1:49:A:LYS:HA	17	0.8
(6,828)	1:48:A:ARG:HD3	1:49:A:LYS:HA	17	0.8
(6,795)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	17	0.8
(6,795)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	17	0.8
(6,795)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	17	0.8
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	12	0.8
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	12	0.8
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	12	0.8
(6,320)	1:44:A:GLU:HG2	1:46:A:ASN:H	19	0.8
(5,2250)	1:70:A:LYS:HG2	1:71:A:LYS:H	5	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2250)	1:70:A:LYS:HG3	1:71:A:LYS:H	5	0.8
(5,2059)	1:35:A:LEU:HD11	1:38:A:GLU:H	19	0.8
(5,2059)	1:35:A:LEU:HD12	1:38:A:GLU:H	19	0.8
(5,2059)	1:35:A:LEU:HD13	1:38:A:GLU:H	19	0.8
(5,2059)	1:35:A:LEU:HD21	1:38:A:GLU:H	19	0.8
(5,2059)	1:35:A:LEU:HD22	1:38:A:GLU:H	19	0.8
(5,2059)	1:35:A:LEU:HD23	1:38:A:GLU:H	19	0.8
(5,2046)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	4	0.8
(5,2046)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	4	0.8
(5,2046)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	4	0.8
(5,2046)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	4	0.8
(5,2046)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	4	0.8
(5,2046)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	4	0.8
(5,1790)	1:97:A:ASP:HA	1:105:A:LYS:HG3	18	0.8
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG21	2	0.8
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG22	2	0.8
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG23	2	0.8
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG21	2	0.8
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG22	2	0.8
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG23	2	0.8
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG21	2	0.8
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG22	2	0.8
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG23	2	0.8
(5,1749)	1:21:A:THR:HG21	1:24:A:ASP:HB2	17	0.8
(5,1749)	1:21:A:THR:HG21	1:24:A:ASP:HB3	17	0.8
(5,1749)	1:21:A:THR:HG22	1:24:A:ASP:HB2	17	0.8
(5,1749)	1:21:A:THR:HG22	1:24:A:ASP:HB3	17	0.8
(5,1749)	1:21:A:THR:HG23	1:24:A:ASP:HB2	17	0.8
(5,1749)	1:21:A:THR:HG23	1:24:A:ASP:HB3	17	0.8
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	16	0.8
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	16	0.8
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	16	0.8
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	16	0.8
(5,1589)	1:58:A:ILE:HD11	1:61:A:SER:H	18	0.8
(5,1589)	1:58:A:ILE:HD12	1:61:A:SER:H	18	0.8
(5,1589)	1:58:A:ILE:HD13	1:61:A:SER:H	18	0.8
(5,1459)	1:31:A:PRO:HD3	1:144:A:LEU:HA	18	0.8
(5,1334)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	9	0.8
(5,1334)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	9	0.8
(5,1334)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	9	0.8
(5,1334)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	9	0.8
(5,1334)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	9	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1334)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	9	0.8
(5,1334)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	9	0.8
(5,1334)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	9	0.8
(5,1334)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	9	0.8
(5,1300)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	4	0.8
(5,1300)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	4	0.8
(5,1300)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	4	0.8
(5,1068)	1:13:A:ALA:HB1	1:79:A:THR:HA	14	0.8
(5,1068)	1:13:A:ALA:HB2	1:79:A:THR:HA	14	0.8
(5,1068)	1:13:A:ALA:HB3	1:79:A:THR:HA	14	0.8
(5,925)	1:34:A:LYS:H	1:81:A:GLU:HG2	1	0.8
(5,925)	1:34:A:LYS:H	1:81:A:GLU:HG3	1	0.8
(5,925)	1:34:A:LYS:H	1:81:A:GLU:HG2	6	0.8
(5,925)	1:34:A:LYS:H	1:81:A:GLU:HG3	6	0.8
(5,925)	1:34:A:LYS:H	1:81:A:GLU:HG2	19	0.8
(5,925)	1:34:A:LYS:H	1:81:A:GLU:HG3	19	0.8
(5,839)	1:45:A:ALA:H	1:48:A:ARG:HD2	14	0.8
(5,839)	1:45:A:ALA:H	1:48:A:ARG:HD3	14	0.8
(5,718)	1:54:A:ARG:HE	1:58:A:ILE:HD11	3	0.8
(5,718)	1:54:A:ARG:HE	1:58:A:ILE:HD12	3	0.8
(5,718)	1:54:A:ARG:HE	1:58:A:ILE:HD13	3	0.8
(5,680)	1:133:A:ASN:H	1:134:A:VAL:HG21	12	0.8
(5,680)	1:133:A:ASN:H	1:134:A:VAL:HG22	12	0.8
(5,680)	1:133:A:ASN:H	1:134:A:VAL:HG23	12	0.8
(5,650)	1:70:A:LYS:H	1:74:A:PRO:HA	6	0.8
(5,306)	1:40:A:LEU:HD11	1:43:A:MET:H	12	0.8
(5,306)	1:40:A:LEU:HD12	1:43:A:MET:H	12	0.8
(5,306)	1:40:A:LEU:HD13	1:43:A:MET:H	12	0.8
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG11	5	0.8
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG12	5	0.8
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG13	5	0.8
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG21	5	0.8
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG22	5	0.8
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG23	5	0.8
(4,2199)	1:60:A:LEU:HD11	1:120:A:CYS:HA	4	0.8
(4,2199)	1:60:A:LEU:HD12	1:120:A:CYS:HA	4	0.8
(4,2199)	1:60:A:LEU:HD13	1:120:A:CYS:HA	4	0.8
(4,2199)	1:60:A:LEU:HD21	1:120:A:CYS:HA	4	0.8
(4,2199)	1:60:A:LEU:HD22	1:120:A:CYS:HA	4	0.8
(4,2199)	1:60:A:LEU:HD23	1:120:A:CYS:HA	4	0.8
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD11	8	0.8
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD12	8	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD13	8	0.8
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD21	8	0.8
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD22	8	0.8
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD23	8	0.8
(4,2107)	1:39:A:VAL:HG11	1:140:A:LEU:HG	14	0.8
(4,2107)	1:39:A:VAL:HG12	1:140:A:LEU:HG	14	0.8
(4,2107)	1:39:A:VAL:HG13	1:140:A:LEU:HG	14	0.8
(4,2107)	1:39:A:VAL:HG21	1:140:A:LEU:HG	14	0.8
(4,2107)	1:39:A:VAL:HG22	1:140:A:LEU:HG	14	0.8
(4,2107)	1:39:A:VAL:HG23	1:140:A:LEU:HG	14	0.8
(4,2029)	1:21:A:THR:HG21	1:23:A:LEU:HD11	6	0.8
(4,2029)	1:21:A:THR:HG21	1:23:A:LEU:HD12	6	0.8
(4,2029)	1:21:A:THR:HG21	1:23:A:LEU:HD13	6	0.8
(4,2029)	1:21:A:THR:HG21	1:23:A:LEU:HD21	6	0.8
(4,2029)	1:21:A:THR:HG21	1:23:A:LEU:HD22	6	0.8
(4,2029)	1:21:A:THR:HG21	1:23:A:LEU:HD23	6	0.8
(4,2029)	1:21:A:THR:HG22	1:23:A:LEU:HD11	6	0.8
(4,2029)	1:21:A:THR:HG22	1:23:A:LEU:HD12	6	0.8
(4,2029)	1:21:A:THR:HG22	1:23:A:LEU:HD13	6	0.8
(4,2029)	1:21:A:THR:HG22	1:23:A:LEU:HD21	6	0.8
(4,2029)	1:21:A:THR:HG22	1:23:A:LEU:HD22	6	0.8
(4,2029)	1:21:A:THR:HG22	1:23:A:LEU:HD23	6	0.8
(4,2029)	1:21:A:THR:HG23	1:23:A:LEU:HD11	6	0.8
(4,2029)	1:21:A:THR:HG23	1:23:A:LEU:HD12	6	0.8
(4,2029)	1:21:A:THR:HG23	1:23:A:LEU:HD13	6	0.8
(4,2029)	1:21:A:THR:HG23	1:23:A:LEU:HD21	6	0.8
(4,2029)	1:21:A:THR:HG23	1:23:A:LEU:HD22	6	0.8
(4,2029)	1:21:A:THR:HG23	1:23:A:LEU:HD23	6	0.8
(4,1922)	1:10:A:ASN:HB2	1:61:A:SER:HA	10	0.8
(4,1922)	1:10:A:ASN:HB3	1:61:A:SER:HA	10	0.8
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	11	0.8
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	11	0.8
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	11	0.8
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	11	0.8
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	11	0.8
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	11	0.8
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	11	0.8
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	11	0.8
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	11	0.8
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	11	0.8
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	11	0.8
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	11	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1664)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.8
(4,1587)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	8	0.8
(4,1587)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	8	0.8
(4,1587)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	8	0.8
(4,1587)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	8	0.8
(4,1587)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	8	0.8
(4,1587)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	8	0.8
(4,1353)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	1	0.8
(4,1353)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	1	0.8
(4,1353)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	1	0.8
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD21	11	0.8
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD22	11	0.8
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD23	11	0.8
(4,1236)	1:23:A:LEU:HD11	1:25:A:ALA:H	10	0.8
(4,1236)	1:23:A:LEU:HD12	1:25:A:ALA:H	10	0.8
(4,1236)	1:23:A:LEU:HD13	1:25:A:ALA:H	10	0.8
(4,1178)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	11	0.8
(4,1178)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	11	0.8
(4,1178)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	11	0.8
(4,1178)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	11	0.8
(4,1178)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	11	0.8
(4,1178)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	11	0.8
(4,1178)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	11	0.8
(4,1178)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	11	0.8
(4,1178)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	11	0.8
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD21	8	0.8
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD22	8	0.8
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD23	8	0.8
(4,1110)	1:40:A:LEU:HA	1:44:A:GLU:HB2	10	0.8
(4,1110)	1:40:A:LEU:HA	1:44:A:GLU:HB3	10	0.8
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	12	0.8
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	12	0.8
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	12	0.8
(4,639)	1:70:A:LYS:H	1:74:A:PRO:HA	6	0.8
(4,50)	1:44:A:GLU:HG2	1:47:A:ALA:H	6	0.8
(3,2317)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	7	0.8
(3,2317)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	7	0.8
(3,2317)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	7	0.8
(3,2317)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	7	0.8
(3,2317)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	7	0.8
(3,2317)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	7	0.8
(3,1965)	1:10:A:ASN:HB2	1:61:A:SER:HA	10	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1965)	1:10:A:ASN:HB3	1:61:A:SER:HA	10	0.8
(3,1950)	1:14:A:VAL:HB	1:18:A:PHE:HZ	6	0.8
(3,1798)	1:97:A:ASP:HA	1:105:A:LYS:HA	13	0.8
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE1	13	0.8
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE2	13	0.8
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE3	13	0.8
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE1	13	0.8
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE2	13	0.8
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE3	13	0.8
(3,1463)	1:31:A:PRO:HD3	1:144:A:LEU:HA	18	0.8
(3,1302)	1:44:A:GLU:HG2	1:45:A:ALA:HA	3	0.8
(3,1302)	1:44:A:GLU:HG2	1:45:A:ALA:HA	6	0.8
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD21	13	0.8
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD22	13	0.8
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD23	13	0.8
(3,1193)	1:39:A:VAL:HA	1:140:A:LEU:HD21	10	0.8
(3,1193)	1:39:A:VAL:HA	1:140:A:LEU:HD22	10	0.8
(3,1193)	1:39:A:VAL:HA	1:140:A:LEU:HD23	10	0.8
(3,1103)	1:45:A:ALA:HA	1:48:A:ARG:HG2	7	0.8
(3,1103)	1:45:A:ALA:HA	1:48:A:ARG:HG3	7	0.8
(3,943)	1:34:A:LYS:H	1:81:A:GLU:HG2	1	0.8
(3,943)	1:34:A:LYS:H	1:81:A:GLU:HG3	1	0.8
(3,943)	1:34:A:LYS:H	1:81:A:GLU:HG2	6	0.8
(3,943)	1:34:A:LYS:H	1:81:A:GLU:HG3	6	0.8
(3,943)	1:34:A:LYS:H	1:81:A:GLU:HG2	19	0.8
(3,943)	1:34:A:LYS:H	1:81:A:GLU:HG3	19	0.8
(3,836)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	9	0.8
(3,836)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	9	0.8
(3,836)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	9	0.8
(3,836)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	9	0.8
(3,836)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	9	0.8
(3,836)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	9	0.8
(3,836)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	9	0.8
(3,836)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	9	0.8
(3,836)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	9	0.8
(3,774)	1:12:A:VAL:H	1:40:A:LEU:HD21	7	0.8
(3,774)	1:12:A:VAL:H	1:40:A:LEU:HD22	7	0.8
(3,774)	1:12:A:VAL:H	1:40:A:LEU:HD23	7	0.8
(3,727)	1:54:A:ARG:HE	1:58:A:ILE:HD11	3	0.8
(3,727)	1:54:A:ARG:HE	1:58:A:ILE:HD12	3	0.8
(3,727)	1:54:A:ARG:HE	1:58:A:ILE:HD13	3	0.8
(3,655)	1:70:A:LYS:H	1:74:A:PRO:HA	6	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,325)	1:44:A:GLU:HG2	1:46:A:ASN:H	19	0.8
(3,7)	1:39:A:VAL:HG11	1:143:A:TRP:HE1	19	0.8
(3,7)	1:39:A:VAL:HG12	1:143:A:TRP:HE1	19	0.8
(3,7)	1:39:A:VAL:HG13	1:143:A:TRP:HE1	19	0.8
(2,2275)	1:70:A:LYS:HG2	1:71:A:LYS:H	19	0.8
(2,2275)	1:70:A:LYS:HG3	1:71:A:LYS:H	19	0.8
(2,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD11	6	0.8
(2,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD12	6	0.8
(2,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD13	6	0.8
(2,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD21	6	0.8
(2,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD22	6	0.8
(2,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD23	6	0.8
(2,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD11	6	0.8
(2,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD12	6	0.8
(2,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD13	6	0.8
(2,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD21	6	0.8
(2,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD22	6	0.8
(2,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD23	6	0.8
(2,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD11	6	0.8
(2,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD12	6	0.8
(2,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD13	6	0.8
(2,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD21	6	0.8
(2,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD22	6	0.8
(2,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD23	6	0.8
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE1	9	0.8
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE2	9	0.8
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE3	9	0.8
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE1	9	0.8
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE2	9	0.8
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE3	9	0.8
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE1	9	0.8
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE2	9	0.8
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE3	9	0.8
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE1	9	0.8
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE2	9	0.8
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE3	9	0.8
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE1	9	0.8
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE2	9	0.8
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE3	9	0.8
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE1	9	0.8
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE2	9	0.8
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE3	9	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1969)	1:10:A:ASN:HD21	1:12:A:VAL:HG11	12	0.8
(2,1969)	1:10:A:ASN:HD21	1:12:A:VAL:HG12	12	0.8
(2,1969)	1:10:A:ASN:HD21	1:12:A:VAL:HG13	12	0.8
(2,1969)	1:10:A:ASN:HD21	1:12:A:VAL:HG21	12	0.8
(2,1969)	1:10:A:ASN:HD21	1:12:A:VAL:HG22	12	0.8
(2,1969)	1:10:A:ASN:HD21	1:12:A:VAL:HG23	12	0.8
(2,1969)	1:10:A:ASN:HD22	1:12:A:VAL:HG11	12	0.8
(2,1969)	1:10:A:ASN:HD22	1:12:A:VAL:HG12	12	0.8
(2,1969)	1:10:A:ASN:HD22	1:12:A:VAL:HG13	12	0.8
(2,1969)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	12	0.8
(2,1969)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	12	0.8
(2,1969)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	12	0.8
(2,1949)	1:14:A:VAL:HB	1:18:A:PHE:HZ	6	0.8
(2,1920)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	9	0.8
(2,1920)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	9	0.8
(2,1920)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	9	0.8
(2,1920)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	9	0.8
(2,1920)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	9	0.8
(2,1920)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	9	0.8
(2,1845)	1:9:A:PHE:HZ	1:54:A:ARG:HE	6	0.8
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	17	0.8
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	17	0.8
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	17	0.8
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	17	0.8
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	17	0.8
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	17	0.8
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	17	0.8
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	17	0.8
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	17	0.8
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG21	2	0.8
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG22	2	0.8
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG23	2	0.8
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG21	2	0.8
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG22	2	0.8
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG23	2	0.8
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG21	2	0.8
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG22	2	0.8
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG23	2	0.8
(2,1376)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	1	0.8
(2,1376)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	1	0.8
(2,1376)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	1	0.8
(2,1256)	1:23:A:LEU:HD11	1:25:A:ALA:H	10	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1256)	1:23:A:LEU:HD12	1:25:A:ALA:H	10	0.8
(2,1256)	1:23:A:LEU:HD13	1:25:A:ALA:H	10	0.8
(2,1054)	1:13:A:ALA:HB1	1:79:A:THR:HA	14	0.8
(2,1054)	1:13:A:ALA:HB2	1:79:A:THR:HA	14	0.8
(2,1054)	1:13:A:ALA:HB3	1:79:A:THR:HA	14	0.8
(2,917)	1:34:A:LYS:H	1:81:A:GLU:HG2	1	0.8
(2,917)	1:34:A:LYS:H	1:81:A:GLU:HG3	1	0.8
(2,917)	1:34:A:LYS:H	1:81:A:GLU:HG2	6	0.8
(2,917)	1:34:A:LYS:H	1:81:A:GLU:HG3	6	0.8
(2,917)	1:34:A:LYS:H	1:81:A:GLU:HG2	19	0.8
(2,917)	1:34:A:LYS:H	1:81:A:GLU:HG3	19	0.8
(2,914)	1:125:A:THR:HB	1:129:A:LYS:HG2	19	0.8
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	12	0.8
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	12	0.8
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	12	0.8
(2,649)	1:70:A:LYS:H	1:74:A:PRO:HA	6	0.8
(1,2244)	1:75:A:GLY:H	1:77:A:CYS:HB2	15	0.8
(1,2244)	1:75:A:GLY:H	1:77:A:CYS:HB3	15	0.8
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	13	0.8
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	13	0.8
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	13	0.8
(1,1622)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	8	0.8
(1,1622)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	8	0.8
(1,1622)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	8	0.8
(1,1622)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	8	0.8
(1,1622)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	8	0.8
(1,1622)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	8	0.8
(1,1385)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	2	0.8
(1,1385)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	2	0.8
(1,1385)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	2	0.8
(1,1203)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	11	0.8
(1,1203)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	11	0.8
(1,1203)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	11	0.8
(1,1203)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	11	0.8
(1,1203)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	11	0.8
(1,1203)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	11	0.8
(1,1203)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	11	0.8
(1,1203)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	11	0.8
(1,1203)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	11	0.8
(1,1070)	1:13:A:ALA:HB1	1:79:A:THR:HA	14	0.8
(1,1070)	1:13:A:ALA:HB2	1:79:A:THR:HA	14	0.8
(1,1070)	1:13:A:ALA:HB3	1:79:A:THR:HA	14	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:113:A:PHE:HA	1:116:A:GLN:HG3	14	0.8
(1,1010)	1:102:A:PRO:HA	1:105:A:LYS:HB2	13	0.8
(1,1010)	1:102:A:PRO:HA	1:105:A:LYS:HB3	13	0.8
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	10	0.8
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	10	0.8
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	10	0.8
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	10	0.8
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	10	0.8
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	10	0.8
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	10	0.8
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	10	0.8
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	10	0.8
(1,837)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	9	0.8
(1,837)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	9	0.8
(1,837)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	9	0.8
(1,837)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	9	0.8
(1,837)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	9	0.8
(1,837)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	9	0.8
(1,837)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	9	0.8
(1,837)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	9	0.8
(1,837)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	9	0.8
(1,725)	1:54:A:ARG:HE	1:58:A:ILE:HD11	3	0.8
(1,725)	1:54:A:ARG:HE	1:58:A:ILE:HD12	3	0.8
(1,725)	1:54:A:ARG:HE	1:58:A:ILE:HD13	3	0.8
(1,472)	1:12:A:VAL:HG11	1:14:A:VAL:H	1	0.8
(1,472)	1:12:A:VAL:HG12	1:14:A:VAL:H	1	0.8
(1,472)	1:12:A:VAL:HG13	1:14:A:VAL:H	1	0.8
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD21	11	0.8
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD22	11	0.8
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD23	11	0.8
(34,2301)	1:98:A:ILE:HG12	1:116:A:GLN:H	3	0.79
(34,2301)	1:98:A:ILE:HG13	1:116:A:GLN:H	3	0.79
(34,2277)	1:79:A:THR:HG21	1:81:A:GLU:HB2	5	0.79
(34,2277)	1:79:A:THR:HG21	1:81:A:GLU:HB3	5	0.79
(34,2277)	1:79:A:THR:HG22	1:81:A:GLU:HB2	5	0.79
(34,2277)	1:79:A:THR:HG22	1:81:A:GLU:HB3	5	0.79
(34,2277)	1:79:A:THR:HG23	1:81:A:GLU:HB2	5	0.79
(34,2277)	1:79:A:THR:HG23	1:81:A:GLU:HB3	5	0.79
(34,2207)	1:60:A:LEU:HG	1:61:A:SER:HB2	9	0.79
(34,2207)	1:60:A:LEU:HG	1:61:A:SER:HB3	9	0.79
(34,2207)	1:60:A:LEU:HG	1:61:A:SER:HB2	18	0.79
(34,2207)	1:60:A:LEU:HG	1:61:A:SER:HB3	18	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	15	0.79
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	15	0.79
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	15	0.79
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	15	0.79
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	15	0.79
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	15	0.79
(34,2028)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	12	0.79
(34,2028)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	12	0.79
(34,2028)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	12	0.79
(34,2028)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	0.79
(34,2028)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	0.79
(34,2028)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	0.79
(34,2028)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	12	0.79
(34,2028)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	12	0.79
(34,2028)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	12	0.79
(34,2028)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	0.79
(34,2028)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	0.79
(34,2028)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	0.79
(34,2000)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	8	0.79
(34,2000)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	8	0.79
(34,2000)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	8	0.79
(34,2000)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	8	0.79
(34,2000)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	8	0.79
(34,2000)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	8	0.79
(34,2000)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	8	0.79
(34,2000)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	8	0.79
(34,2000)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	8	0.79
(34,2000)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	8	0.79
(34,2000)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	8	0.79
(34,2000)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	8	0.79
(34,2000)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	8	0.79
(34,2000)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	8	0.79
(34,2000)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	8	0.79
(34,2000)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	8	0.79
(34,2000)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	8	0.79
(34,2000)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	8	0.79
(34,1910)	1:18:A:PHE:HA	1:113:A:PHE:HE1	7	0.79
(34,1910)	1:18:A:PHE:HA	1:113:A:PHE:HE2	7	0.79
(34,1801)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	6	0.79
(34,1801)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	6	0.79
(34,1678)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	17	0.79
(34,1678)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	17	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1661)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	12	0.79
(34,1661)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	12	0.79
(34,1661)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	12	0.79
(34,1640)	1:13:A:ALA:HA	1:80:A:TYR:HB3	8	0.79
(34,1633)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	4	0.79
(34,1633)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	4	0.79
(34,1633)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	4	0.79
(34,1633)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	4	0.79
(34,1633)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	4	0.79
(34,1633)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	4	0.79
(34,1590)	1:61:A:SER:HA	1:63:A:ILE:HD11	17	0.79
(34,1590)	1:61:A:SER:HA	1:63:A:ILE:HD12	17	0.79
(34,1590)	1:61:A:SER:HA	1:63:A:ILE:HD13	17	0.79
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE1	10	0.79
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE2	10	0.79
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE3	10	0.79
(34,1362)	1:17:A:ASN:HA	1:76:A:ARG:HA	19	0.79
(34,1347)	1:106:A:ASP:HA	1:112:A:GLN:HE21	15	0.79
(34,1305)	1:44:A:GLU:HG2	1:45:A:ALA:HA	13	0.79
(34,715)	1:23:A:LEU:HB2	1:27:A:ARG:HE	7	0.79
(34,715)	1:23:A:LEU:HB3	1:27:A:ARG:HE	7	0.79
(34,661)	1:79:A:THR:H	1:80:A:TYR:HD1	7	0.79
(34,661)	1:79:A:THR:H	1:80:A:TYR:HD2	7	0.79
(34,630)	1:35:A:LEU:H	1:80:A:TYR:HB2	4	0.79
(33,2263)	1:70:A:LYS:HG2	1:71:A:LYS:H	19	0.79
(33,2263)	1:70:A:LYS:HG3	1:71:A:LYS:H	19	0.79
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG11	4	0.79
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG12	4	0.79
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG13	4	0.79
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG21	4	0.79
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG22	4	0.79
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG23	4	0.79
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG11	4	0.79
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG12	4	0.79
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG13	4	0.79
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG21	4	0.79
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG22	4	0.79
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG23	4	0.79
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG11	4	0.79
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG12	4	0.79
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG13	4	0.79
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG21	4	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG22	4	0.79
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG23	4	0.79
(33,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD11	6	0.79
(33,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD12	6	0.79
(33,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD13	6	0.79
(33,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD21	6	0.79
(33,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD22	6	0.79
(33,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD23	6	0.79
(33,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD11	6	0.79
(33,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD12	6	0.79
(33,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD13	6	0.79
(33,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD21	6	0.79
(33,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD22	6	0.79
(33,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD23	6	0.79
(33,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD11	6	0.79
(33,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD12	6	0.79
(33,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD13	6	0.79
(33,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD21	6	0.79
(33,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD22	6	0.79
(33,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD23	6	0.79
(33,1686)	1:11:A:ILE:HG12	1:57:A:LEU:HB3	14	0.79
(33,1507)	1:11:A:ILE:HD11	1:43:A:MET:HE1	7	0.79
(33,1507)	1:11:A:ILE:HD11	1:43:A:MET:HE2	7	0.79
(33,1507)	1:11:A:ILE:HD11	1:43:A:MET:HE3	7	0.79
(33,1507)	1:11:A:ILE:HD12	1:43:A:MET:HE1	7	0.79
(33,1507)	1:11:A:ILE:HD12	1:43:A:MET:HE2	7	0.79
(33,1507)	1:11:A:ILE:HD12	1:43:A:MET:HE3	7	0.79
(33,1507)	1:11:A:ILE:HD13	1:43:A:MET:HE1	7	0.79
(33,1507)	1:11:A:ILE:HD13	1:43:A:MET:HE2	7	0.79
(33,1507)	1:11:A:ILE:HD13	1:43:A:MET:HE3	7	0.79
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG11	12	0.79
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG12	12	0.79
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG13	12	0.79
(33,1284)	1:44:A:GLU:HG2	1:45:A:ALA:HA	13	0.79
(33,981)	1:15:A:ALA:HB1	1:134:A:VAL:HB	12	0.79
(33,981)	1:15:A:ALA:HB2	1:134:A:VAL:HB	12	0.79
(33,981)	1:15:A:ALA:HB3	1:134:A:VAL:HB	12	0.79
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	19	0.79
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	19	0.79
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	19	0.79
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	19	0.79
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	19	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	19	0.79
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	19	0.79
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	19	0.79
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	19	0.79
(33,163)	1:95:A:ILE:H	1:95:A:ILE:HB	15	0.79
(32,2487)	1:144:A:LEU:HD11	1:146:A:GLN:HG2	14	0.79
(32,2487)	1:144:A:LEU:HD11	1:146:A:GLN:HG3	14	0.79
(32,2487)	1:144:A:LEU:HD12	1:146:A:GLN:HG2	14	0.79
(32,2487)	1:144:A:LEU:HD12	1:146:A:GLN:HG3	14	0.79
(32,2487)	1:144:A:LEU:HD13	1:146:A:GLN:HG2	14	0.79
(32,2487)	1:144:A:LEU:HD13	1:146:A:GLN:HG3	14	0.79
(32,2487)	1:144:A:LEU:HD21	1:146:A:GLN:HG2	14	0.79
(32,2487)	1:144:A:LEU:HD21	1:146:A:GLN:HG3	14	0.79
(32,2487)	1:144:A:LEU:HD22	1:146:A:GLN:HG2	14	0.79
(32,2487)	1:144:A:LEU:HD22	1:146:A:GLN:HG3	14	0.79
(32,2487)	1:144:A:LEU:HD23	1:146:A:GLN:HG2	14	0.79
(32,2487)	1:144:A:LEU:HD23	1:146:A:GLN:HG3	14	0.79
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	2	0.79
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	2	0.79
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	2	0.79
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	2	0.79
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	2	0.79
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	2	0.79
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	2	0.79
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	2	0.79
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	2	0.79
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	2	0.79
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	2	0.79
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	2	0.79
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD11	10	0.79
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD12	10	0.79
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD13	10	0.79
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD21	10	0.79
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD22	10	0.79
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD23	10	0.79
(32,2102)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	14	0.79
(32,2102)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	14	0.79
(32,2102)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	14	0.79
(32,2102)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	14	0.79
(32,2102)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	14	0.79
(32,2102)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	14	0.79
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD11	15	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD12	15	0.79
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD13	15	0.79
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD21	15	0.79
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD22	15	0.79
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD23	15	0.79
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD11	15	0.79
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD12	15	0.79
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD13	15	0.79
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD21	15	0.79
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD22	15	0.79
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD23	15	0.79
(32,1423)	1:15:A:ALA:HB1	1:132:A:ALA:HA	18	0.79
(32,1423)	1:15:A:ALA:HB2	1:132:A:ALA:HA	18	0.79
(32,1423)	1:15:A:ALA:HB3	1:132:A:ALA:HA	18	0.79
(32,1418)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	7	0.79
(32,1418)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	7	0.79
(32,962)	1:102:A:PRO:HA	1:105:A:LYS:HB2	19	0.79
(32,962)	1:102:A:PRO:HA	1:105:A:LYS:HB3	19	0.79
(32,961)	1:105:A:LYS:HD2	1:107:A:LEU:H	14	0.79
(32,961)	1:105:A:LYS:HD3	1:107:A:LEU:H	14	0.79
(30,2370)	1:115:A:ALA:H	1:116:A:GLN:HE21	2	0.79
(30,2370)	1:115:A:ALA:H	1:116:A:GLN:HE22	2	0.79
(30,2009)	1:16:A:SER:H	1:131:A:LEU:HD11	8	0.79
(30,2009)	1:16:A:SER:H	1:131:A:LEU:HD12	8	0.79
(30,2009)	1:16:A:SER:H	1:131:A:LEU:HD13	8	0.79
(30,2009)	1:16:A:SER:H	1:131:A:LEU:HD21	8	0.79
(30,2009)	1:16:A:SER:H	1:131:A:LEU:HD22	8	0.79
(30,2009)	1:16:A:SER:H	1:131:A:LEU:HD23	8	0.79
(30,1912)	1:35:A:LEU:HG	1:80:A:TYR:HE1	3	0.79
(30,1912)	1:35:A:LEU:HG	1:80:A:TYR:HE2	3	0.79
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE1	1	0.79
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE2	1	0.79
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE1	1	0.79
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE2	1	0.79
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE1	1	0.79
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE2	1	0.79
(30,1575)	1:61:A:SER:HA	1:63:A:ILE:HD11	17	0.79
(30,1575)	1:61:A:SER:HA	1:63:A:ILE:HD12	17	0.79
(30,1575)	1:61:A:SER:HA	1:63:A:ILE:HD13	17	0.79
(30,1271)	1:44:A:GLU:HG2	1:45:A:ALA:HA	13	0.79
(30,793)	1:63:A:ILE:HD11	1:117:A:VAL:HG21	2	0.79
(30,793)	1:63:A:ILE:HD11	1:117:A:VAL:HG22	2	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,793)	1:63:A:ILE:HD11	1:117:A:VAL:HG23	2	0.79
(30,793)	1:63:A:ILE:HD12	1:117:A:VAL:HG21	2	0.79
(30,793)	1:63:A:ILE:HD12	1:117:A:VAL:HG22	2	0.79
(30,793)	1:63:A:ILE:HD12	1:117:A:VAL:HG23	2	0.79
(30,793)	1:63:A:ILE:HD13	1:117:A:VAL:HG21	2	0.79
(30,793)	1:63:A:ILE:HD13	1:117:A:VAL:HG22	2	0.79
(30,793)	1:63:A:ILE:HD13	1:117:A:VAL:HG23	2	0.79
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	17	0.79
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	17	0.79
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	17	0.79
(29,2395)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	8	0.79
(29,2395)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	8	0.79
(29,2395)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	8	0.79
(29,2395)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	8	0.79
(29,2395)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	8	0.79
(29,2395)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	8	0.79
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	15	0.79
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	15	0.79
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	15	0.79
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	15	0.79
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	15	0.79
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	15	0.79
(29,2130)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	14	0.79
(29,2130)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	14	0.79
(29,2130)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	14	0.79
(29,2130)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	14	0.79
(29,2130)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	14	0.79
(29,2130)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	14	0.79
(29,2077)	1:32:A:GLY:HA2	1:34:A:LYS:H	3	0.79
(29,2077)	1:32:A:GLY:HA3	1:34:A:LYS:H	3	0.79
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD11	6	0.79
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD12	6	0.79
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD13	6	0.79
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD21	6	0.79
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD22	6	0.79
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD23	6	0.79
(29,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD11	6	0.79
(29,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD12	6	0.79
(29,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD13	6	0.79
(29,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD21	6	0.79
(29,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD22	6	0.79
(29,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD23	6	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD11	6	0.79
(29,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD12	6	0.79
(29,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD13	6	0.79
(29,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD21	6	0.79
(29,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD22	6	0.79
(29,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD23	6	0.79
(29,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD11	6	0.79
(29,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD12	6	0.79
(29,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD13	6	0.79
(29,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD21	6	0.79
(29,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD22	6	0.79
(29,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD23	6	0.79
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	16	0.79
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	16	0.79
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	16	0.79
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	16	0.79
(29,1741)	1:79:A:THR:HG21	1:81:A:GLU:HG2	15	0.79
(29,1741)	1:79:A:THR:HG21	1:81:A:GLU:HG3	15	0.79
(29,1741)	1:79:A:THR:HG22	1:81:A:GLU:HG2	15	0.79
(29,1741)	1:79:A:THR:HG22	1:81:A:GLU:HG3	15	0.79
(29,1741)	1:79:A:THR:HG23	1:81:A:GLU:HG2	15	0.79
(29,1741)	1:79:A:THR:HG23	1:81:A:GLU:HG3	15	0.79
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE1	10	0.79
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE2	10	0.79
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE3	10	0.79
(29,1372)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	12	0.79
(29,1372)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	12	0.79
(29,1372)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	12	0.79
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG11	12	0.79
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG12	12	0.79
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG13	12	0.79
(29,1287)	1:44:A:GLU:HG2	1:45:A:ALA:HA	13	0.79
(29,804)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	11	0.79
(29,804)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	11	0.79
(29,804)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	11	0.79
(29,804)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	11	0.79
(29,804)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	11	0.79
(29,804)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	11	0.79
(29,773)	1:37:A:LEU:H	1:40:A:LEU:HB3	9	0.79
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	17	0.79
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	17	0.79
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	17	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,658)	1:79:A:THR:H	1:80:A:TYR:HD1	7	0.79
(29,658)	1:79:A:THR:H	1:80:A:TYR:HD2	7	0.79
(29,196)	1:44:A:GLU:H	1:44:A:GLU:HG2	9	0.79
(29,173)	1:95:A:ILE:H	1:95:A:ILE:HB	15	0.79
(29,37)	1:95:A:ILE:HB	1:96:A:VAL:H	3	0.79
(29,37)	1:95:A:ILE:HB	1:96:A:VAL:H	8	0.79
(23,12)	1:113:A:PHE:N	1:109:A:PRO:O	11	0.79
(22,41)	1:129:A:LYS:H	1:125:A:THR:C	8	0.79
(22,40)	1:128:A:LEU:N	1:124:A:THR:C	6	0.79
(22,38)	1:120:A:CYS:N	1:116:A:GLN:C	13	0.79
(22,32)	1:117:A:VAL:N	1:113:A:PHE:C	4	0.79
(22,32)	1:117:A:VAL:N	1:113:A:PHE:C	16	0.79
(22,31)	1:117:A:VAL:H	1:113:A:PHE:C	18	0.79
(22,29)	1:116:A:GLN:H	1:112:A:GLN:C	3	0.79
(22,25)	1:114:A:ILE:H	1:110:A:MET:C	16	0.79
(22,23)	1:113:A:PHE:H	1:109:A:PRO:C	10	0.79
(22,14)	1:60:A:LEU:N	1:56:A:CYS:C	10	0.79
(22,14)	1:60:A:LEU:N	1:56:A:CYS:C	19	0.79
(22,13)	1:60:A:LEU:H	1:56:A:CYS:C	17	0.79
(22,9)	1:58:A:ILE:H	1:54:A:ARG:C	19	0.79
(22,6)	1:44:A:GLU:N	1:40:A:LEU:C	6	0.79
(20,4)	1:52:A:CYS:SG	1:123:A:CYS:SG	2	0.79
(19,19)	1:56:A:CYS:SG	1:127:A:CYS:CB	16	0.79
(18,2322)	1:107:A:LEU:HD11	1:112:A:GLN:HA	16	0.79
(18,2322)	1:107:A:LEU:HD12	1:112:A:GLN:HA	16	0.79
(18,2322)	1:107:A:LEU:HD13	1:112:A:GLN:HA	16	0.79
(18,2322)	1:107:A:LEU:HD21	1:112:A:GLN:HA	16	0.79
(18,2322)	1:107:A:LEU:HD22	1:112:A:GLN:HA	16	0.79
(18,2322)	1:107:A:LEU:HD23	1:112:A:GLN:HA	16	0.79
(18,2226)	1:60:A:LEU:HD11	1:123:A:CYS:H	12	0.79
(18,2226)	1:60:A:LEU:HD12	1:123:A:CYS:H	12	0.79
(18,2226)	1:60:A:LEU:HD13	1:123:A:CYS:H	12	0.79
(18,2226)	1:60:A:LEU:HD21	1:123:A:CYS:H	12	0.79
(18,2226)	1:60:A:LEU:HD22	1:123:A:CYS:H	12	0.79
(18,2226)	1:60:A:LEU:HD23	1:123:A:CYS:H	12	0.79
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD11	10	0.79
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD12	10	0.79
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD13	10	0.79
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD21	10	0.79
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD22	10	0.79
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD23	10	0.79
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	6	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	6	0.79
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	6	0.79
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	6	0.79
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	6	0.79
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	6	0.79
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	18	0.79
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	18	0.79
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	18	0.79
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	18	0.79
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	18	0.79
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	18	0.79
(18,1893)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	4	0.79
(18,1893)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	4	0.79
(18,1893)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	4	0.79
(18,1893)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	4	0.79
(18,1804)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	6	0.79
(18,1804)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	6	0.79
(18,1804)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	6	0.79
(18,1804)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	6	0.79
(18,1804)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	6	0.79
(18,1804)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	6	0.79
(18,1774)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	13	0.79
(18,1774)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	13	0.79
(18,1774)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	13	0.79
(18,1774)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	13	0.79
(18,1774)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	13	0.79
(18,1774)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	13	0.79
(18,1376)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	2	0.79
(18,1376)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	2	0.79
(18,1376)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	2	0.79
(18,1072)	1:13:A:ALA:HB1	1:79:A:THR:HA	8	0.79
(18,1072)	1:13:A:ALA:HB2	1:79:A:THR:HA	8	0.79
(18,1072)	1:13:A:ALA:HB3	1:79:A:THR:HA	8	0.79
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	2	0.79
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	2	0.79
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	2	0.79
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	2	0.79
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	2	0.79
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	2	0.79
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	2	0.79
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	2	0.79
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	2	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,783)	1:101:A:ILE:HD11	1:104:A:PHE:H	16	0.79
(18,783)	1:101:A:ILE:HD12	1:104:A:PHE:H	16	0.79
(18,783)	1:101:A:ILE:HD13	1:104:A:PHE:H	16	0.79
(18,665)	1:79:A:THR:H	1:80:A:TYR:HD1	7	0.79
(18,665)	1:79:A:THR:H	1:80:A:TYR:HD2	7	0.79
(18,516)	1:101:A:ILE:HD11	1:105:A:LYS:H	10	0.79
(18,516)	1:101:A:ILE:HD12	1:105:A:LYS:H	10	0.79
(18,516)	1:101:A:ILE:HD13	1:105:A:LYS:H	10	0.79
(18,151)	1:131:A:LEU:H	1:131:A:LEU:HG	13	0.79
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD11	7	0.79
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD12	7	0.79
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD13	7	0.79
(18,73)	1:13:A:ALA:HB1	1:81:A:GLU:H	8	0.79
(18,73)	1:13:A:ALA:HB2	1:81:A:GLU:H	8	0.79
(18,73)	1:13:A:ALA:HB3	1:81:A:GLU:H	8	0.79
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD11	3	0.79
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD12	3	0.79
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD13	3	0.79
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD21	3	0.79
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD22	3	0.79
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD23	3	0.79
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG11	4	0.79
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG12	4	0.79
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG13	4	0.79
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG21	4	0.79
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG22	4	0.79
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG23	4	0.79
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	15	0.79
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	15	0.79
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	15	0.79
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	15	0.79
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	15	0.79
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	15	0.79
(17,2134)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	14	0.79
(17,2134)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	14	0.79
(17,2134)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	14	0.79
(17,2134)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	14	0.79
(17,2134)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	14	0.79
(17,2134)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	14	0.79
(17,2045)	1:21:A:THR:HG21	1:23:A:LEU:HD11	6	0.79
(17,2045)	1:21:A:THR:HG21	1:23:A:LEU:HD12	6	0.79
(17,2045)	1:21:A:THR:HG21	1:23:A:LEU:HD13	6	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2045)	1:21:A:THR:HG21	1:23:A:LEU:HD21	6	0.79
(17,2045)	1:21:A:THR:HG21	1:23:A:LEU:HD22	6	0.79
(17,2045)	1:21:A:THR:HG21	1:23:A:LEU:HD23	6	0.79
(17,2045)	1:21:A:THR:HG22	1:23:A:LEU:HD11	6	0.79
(17,2045)	1:21:A:THR:HG22	1:23:A:LEU:HD12	6	0.79
(17,2045)	1:21:A:THR:HG22	1:23:A:LEU:HD13	6	0.79
(17,2045)	1:21:A:THR:HG22	1:23:A:LEU:HD21	6	0.79
(17,2045)	1:21:A:THR:HG22	1:23:A:LEU:HD22	6	0.79
(17,2045)	1:21:A:THR:HG22	1:23:A:LEU:HD23	6	0.79
(17,2045)	1:21:A:THR:HG23	1:23:A:LEU:HD11	6	0.79
(17,2045)	1:21:A:THR:HG23	1:23:A:LEU:HD12	6	0.79
(17,2045)	1:21:A:THR:HG23	1:23:A:LEU:HD13	6	0.79
(17,2045)	1:21:A:THR:HG23	1:23:A:LEU:HD21	6	0.79
(17,2045)	1:21:A:THR:HG23	1:23:A:LEU:HD22	6	0.79
(17,2045)	1:21:A:THR:HG23	1:23:A:LEU:HD23	6	0.79
(17,1918)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	4	0.79
(17,1918)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	4	0.79
(17,1918)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	4	0.79
(17,1918)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	4	0.79
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	19	0.79
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	19	0.79
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	19	0.79
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	19	0.79
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	19	0.79
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	19	0.79
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	19	0.79
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	19	0.79
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	19	0.79
(17,1377)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	12	0.79
(17,1377)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	12	0.79
(17,1377)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	12	0.79
(17,1356)	1:17:A:ASN:HA	1:76:A:ARG:HA	19	0.79
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD21	15	0.79
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD22	15	0.79
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD23	15	0.79
(17,1267)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	7	0.79
(17,1267)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	7	0.79
(17,1267)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	7	0.79
(17,1267)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	7	0.79
(17,1267)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	7	0.79
(17,1267)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	7	0.79
(17,1185)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	7	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1185)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	7	0.79
(17,1185)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	7	0.79
(17,1185)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	7	0.79
(17,1185)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	7	0.79
(17,1185)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	7	0.79
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	8	0.79
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	8	0.79
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	8	0.79
(17,1090)	1:38:A:GLU:HA	1:139:A:LEU:HD11	1	0.79
(17,1090)	1:38:A:GLU:HA	1:139:A:LEU:HD12	1	0.79
(17,1090)	1:38:A:GLU:HA	1:139:A:LEU:HD13	1	0.79
(17,796)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	11	0.79
(17,796)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	11	0.79
(17,796)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	11	0.79
(17,796)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	11	0.79
(17,796)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	11	0.79
(17,796)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	11	0.79
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	17	0.79
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	17	0.79
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	17	0.79
(17,708)	1:23:A:LEU:HB2	1:27:A:ARG:HE	7	0.79
(17,708)	1:23:A:LEU:HB3	1:27:A:ARG:HE	7	0.79
(17,654)	1:79:A:THR:H	1:80:A:TYR:HD1	7	0.79
(17,654)	1:79:A:THR:H	1:80:A:TYR:HD2	7	0.79
(17,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	4	0.79
(17,160)	1:127:A:CYS:H	1:128:A:LEU:HG	11	0.79
(17,154)	1:67:A:PRO:HD3	1:95:A:ILE:H	11	0.79
(17,151)	1:131:A:LEU:H	1:131:A:LEU:HG	13	0.79
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD11	5	0.79
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD12	5	0.79
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD13	5	0.79
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD21	5	0.79
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD22	5	0.79
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD23	5	0.79
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	15	0.79
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	15	0.79
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	15	0.79
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	15	0.79
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	15	0.79
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	15	0.79
(16,2069)	1:32:A:GLY:HA2	1:34:A:LYS:H	3	0.79
(16,2069)	1:32:A:GLY:HA3	1:34:A:LYS:H	3	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1995)	1:15:A:ALA:HA	1:131:A:LEU:HB2	13	0.79
(16,1995)	1:15:A:ALA:HA	1:131:A:LEU:HB3	13	0.79
(16,1985)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	14	0.79
(16,1985)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	14	0.79
(16,1985)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	14	0.79
(16,1985)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	14	0.79
(16,1985)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	14	0.79
(16,1985)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	14	0.79
(16,1887)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	4	0.79
(16,1887)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	4	0.79
(16,1887)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	4	0.79
(16,1887)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	4	0.79
(16,1834)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	10	0.79
(16,1834)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	10	0.79
(16,1834)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	10	0.79
(16,1834)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	10	0.79
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD21	15	0.79
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD22	15	0.79
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD23	15	0.79
(16,1369)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	12	0.79
(16,1369)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	12	0.79
(16,1369)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	12	0.79
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	19	0.79
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	19	0.79
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	19	0.79
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	12	0.79
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	12	0.79
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	12	0.79
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	1	0.79
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	1	0.79
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	1	0.79
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	1	0.79
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	1	0.79
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	1	0.79
(16,168)	1:95:A:ILE:H	1:95:A:ILE:HB	15	0.79
(16,90)	1:96:A:VAL:H	1:97:A:ASP:H	8	0.79
(16,90)	1:96:A:VAL:H	1:97:A:ASP:H	19	0.79
(16,35)	1:95:A:ILE:HB	1:96:A:VAL:H	3	0.79
(16,35)	1:95:A:ILE:HB	1:96:A:VAL:H	8	0.79
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB2	14	0.79
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB3	14	0.79
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB2	14	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB3	14	0.79
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB2	14	0.79
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB3	14	0.79
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB2	14	0.79
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB3	14	0.79
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB2	14	0.79
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB3	14	0.79
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB2	14	0.79
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB3	14	0.79
(15,2410)	1:129:A:LYS:HG2	1:130:A:GLY:H	19	0.79
(15,2410)	1:129:A:LYS:HG3	1:130:A:GLY:H	19	0.79
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	15	0.79
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	15	0.79
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	15	0.79
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	15	0.79
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	15	0.79
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	15	0.79
(15,2093)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	14	0.79
(15,2093)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	14	0.79
(15,2093)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	14	0.79
(15,2093)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	14	0.79
(15,2093)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	14	0.79
(15,2093)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	14	0.79
(15,1996)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	0.79
(15,1996)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	0.79
(15,1996)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	0.79
(15,1996)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	0.79
(15,1996)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	0.79
(15,1996)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	0.79
(15,1996)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	0.79
(15,1996)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	0.79
(15,1996)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	0.79
(15,1996)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	0.79
(15,1996)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	0.79
(15,1996)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	0.79
(15,1887)	1:35:A:LEU:HG	1:80:A:TYR:HE1	3	0.79
(15,1887)	1:35:A:LEU:HG	1:80:A:TYR:HE2	3	0.79
(15,1859)	1:14:A:VAL:HA	1:18:A:PHE:HD1	11	0.79
(15,1859)	1:14:A:VAL:HA	1:18:A:PHE:HD2	11	0.79
(15,1812)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	17	0.79
(15,1771)	1:13:A:ALA:H	1:80:A:TYR:HD1	9	0.79
(15,1771)	1:13:A:ALA:H	1:80:A:TYR:HD2	9	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1565)	1:61:A:SER:HA	1:63:A:ILE:HD11	17	0.79
(15,1565)	1:61:A:SER:HA	1:63:A:ILE:HD12	17	0.79
(15,1565)	1:61:A:SER:HA	1:63:A:ILE:HD13	17	0.79
(15,1340)	1:105:A:LYS:HG2	1:106:A:ASP:HA	11	0.79
(15,820)	1:98:A:ILE:HD11	1:101:A:ILE:HB	10	0.79
(15,820)	1:98:A:ILE:HD12	1:101:A:ILE:HB	10	0.79
(15,820)	1:98:A:ILE:HD13	1:101:A:ILE:HB	10	0.79
(15,817)	1:98:A:ILE:HD11	1:104:A:PHE:HB2	2	0.79
(15,817)	1:98:A:ILE:HD12	1:104:A:PHE:HB2	2	0.79
(15,817)	1:98:A:ILE:HD13	1:104:A:PHE:HB2	2	0.79
(15,708)	1:23:A:LEU:HB2	1:27:A:ARG:HE	7	0.79
(15,708)	1:23:A:LEU:HB3	1:27:A:ARG:HE	7	0.79
(15,170)	1:95:A:ILE:H	1:95:A:ILE:HB	15	0.79
(15,164)	1:127:A:CYS:H	1:128:A:LEU:HG	11	0.79
(15,72)	1:13:A:ALA:HB1	1:81:A:GLU:H	8	0.79
(15,72)	1:13:A:ALA:HB2	1:81:A:GLU:H	8	0.79
(15,72)	1:13:A:ALA:HB3	1:81:A:GLU:H	8	0.79
(15,12)	1:64:A:LYS:H	1:116:A:GLN:HG3	2	0.79
(13,2249)	1:79:A:THR:HG21	1:81:A:GLU:HB2	5	0.79
(13,2249)	1:79:A:THR:HG21	1:81:A:GLU:HB3	5	0.79
(13,2249)	1:79:A:THR:HG22	1:81:A:GLU:HB2	5	0.79
(13,2249)	1:79:A:THR:HG22	1:81:A:GLU:HB3	5	0.79
(13,2249)	1:79:A:THR:HG23	1:81:A:GLU:HB2	5	0.79
(13,2249)	1:79:A:THR:HG23	1:81:A:GLU:HB3	5	0.79
(13,2198)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	7	0.79
(13,2198)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	7	0.79
(13,2198)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	7	0.79
(13,2198)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	7	0.79
(13,1662)	1:11:A:ILE:HG12	1:57:A:LEU:HB3	14	0.79
(13,1437)	1:13:A:ALA:HB1	1:80:A:TYR:HB2	17	0.79
(13,1437)	1:13:A:ALA:HB2	1:80:A:TYR:HB2	17	0.79
(13,1437)	1:13:A:ALA:HB3	1:80:A:TYR:HB2	17	0.79
(13,1300)	1:106:A:ASP:HA	1:112:A:GLN:HE21	15	0.79
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD21	15	0.79
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD22	15	0.79
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD23	15	0.79
(13,692)	1:23:A:LEU:HB2	1:27:A:ARG:HE	7	0.79
(13,692)	1:23:A:LEU:HB3	1:27:A:ARG:HE	7	0.79
(13,163)	1:95:A:ILE:H	1:95:A:ILE:HB	15	0.79
(13,66)	1:13:A:ALA:HB1	1:81:A:GLU:H	8	0.79
(13,66)	1:13:A:ALA:HB2	1:81:A:GLU:H	8	0.79
(13,66)	1:13:A:ALA:HB3	1:81:A:GLU:H	8	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2418)	1:134:A:VAL:HG11	1:137:A:SER:H	14	0.79
(11,2418)	1:134:A:VAL:HG12	1:137:A:SER:H	14	0.79
(11,2418)	1:134:A:VAL:HG13	1:137:A:SER:H	14	0.79
(11,2418)	1:134:A:VAL:HG21	1:137:A:SER:H	14	0.79
(11,2418)	1:134:A:VAL:HG22	1:137:A:SER:H	14	0.79
(11,2418)	1:134:A:VAL:HG23	1:137:A:SER:H	14	0.79
(11,2217)	1:60:A:LEU:HG	1:61:A:SER:HB2	9	0.79
(11,2217)	1:60:A:LEU:HG	1:61:A:SER:HB3	9	0.79
(11,2217)	1:60:A:LEU:HG	1:61:A:SER:HB2	18	0.79
(11,2217)	1:60:A:LEU:HG	1:61:A:SER:HB3	18	0.79
(11,2073)	1:32:A:GLY:HA2	1:34:A:LYS:H	3	0.79
(11,2073)	1:32:A:GLY:HA3	1:34:A:LYS:H	3	0.79
(11,2023)	1:15:A:ALA:HA	1:131:A:LEU:HB2	13	0.79
(11,2023)	1:15:A:ALA:HA	1:131:A:LEU:HB3	13	0.79
(11,2015)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	4	0.79
(11,2015)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	4	0.79
(11,2015)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	4	0.79
(11,2015)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	4	0.79
(11,2015)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	4	0.79
(11,2015)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	4	0.79
(11,1920)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	4	0.79
(11,1920)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	4	0.79
(11,1920)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	4	0.79
(11,1920)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	4	0.79
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	18	0.79
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	18	0.79
(11,1757)	1:79:A:THR:HG21	1:81:A:GLU:HG2	15	0.79
(11,1757)	1:79:A:THR:HG21	1:81:A:GLU:HG3	15	0.79
(11,1757)	1:79:A:THR:HG22	1:81:A:GLU:HG2	15	0.79
(11,1757)	1:79:A:THR:HG22	1:81:A:GLU:HG3	15	0.79
(11,1757)	1:79:A:THR:HG23	1:81:A:GLU:HG2	15	0.79
(11,1757)	1:79:A:THR:HG23	1:81:A:GLU:HG3	15	0.79
(11,1730)	1:11:A:ILE:HG12	1:57:A:LEU:HB3	14	0.79
(11,1700)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	17	0.79
(11,1700)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	17	0.79
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG11	6	0.79
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG12	6	0.79
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG13	6	0.79
(11,1334)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	15	0.79
(11,1334)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	15	0.79
(11,1334)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	15	0.79
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	3	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	3	0.79
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	3	0.79
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	4	0.79
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	4	0.79
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	4	0.79
(11,1294)	1:44:A:GLU:HG2	1:45:A:ALA:HA	13	0.79
(11,1280)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	7	0.79
(11,1280)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	7	0.79
(11,1280)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	7	0.79
(11,1280)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	7	0.79
(11,1280)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	7	0.79
(11,1280)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	7	0.79
(11,1239)	1:34:A:LYS:H	1:81:A:GLU:HA	18	0.79
(11,994)	1:105:A:LYS:HD2	1:107:A:LEU:H	16	0.79
(11,994)	1:105:A:LYS:HD3	1:107:A:LEU:H	16	0.79
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	17	0.79
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	17	0.79
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	17	0.79
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	17	0.79
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	17	0.79
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	17	0.79
(11,798)	1:63:A:ILE:HD11	1:117:A:VAL:HG21	2	0.79
(11,798)	1:63:A:ILE:HD11	1:117:A:VAL:HG22	2	0.79
(11,798)	1:63:A:ILE:HD11	1:117:A:VAL:HG23	2	0.79
(11,798)	1:63:A:ILE:HD12	1:117:A:VAL:HG21	2	0.79
(11,798)	1:63:A:ILE:HD12	1:117:A:VAL:HG22	2	0.79
(11,798)	1:63:A:ILE:HD12	1:117:A:VAL:HG23	2	0.79
(11,798)	1:63:A:ILE:HD13	1:117:A:VAL:HG21	2	0.79
(11,798)	1:63:A:ILE:HD13	1:117:A:VAL:HG22	2	0.79
(11,798)	1:63:A:ILE:HD13	1:117:A:VAL:HG23	2	0.79
(11,707)	1:23:A:LEU:HB2	1:27:A:ARG:HE	7	0.79
(11,707)	1:23:A:LEU:HB3	1:27:A:ARG:HE	7	0.79
(11,637)	1:59:A:CYS:H	1:60:A:LEU:HB3	11	0.79
(11,324)	1:44:A:GLU:HG2	1:46:A:ASN:H	10	0.79
(11,165)	1:95:A:ILE:H	1:95:A:ILE:HB	15	0.79
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD11	13	0.79
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD12	13	0.79
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD13	13	0.79
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD21	13	0.79
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD22	13	0.79
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD23	13	0.79
(9,1899)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	4	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1899)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	4	0.79
(9,1899)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	4	0.79
(9,1899)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	4	0.79
(9,1777)	1:13:A:ALA:H	1:80:A:TYR:HD1	9	0.79
(9,1777)	1:13:A:ALA:H	1:80:A:TYR:HD2	9	0.79
(9,1732)	1:105:A:LYS:HG2	1:106:A:ASP:HA	11	0.79
(9,1402)	1:60:A:LEU:HD21	1:120:A:CYS:HA	6	0.79
(9,1402)	1:60:A:LEU:HD22	1:120:A:CYS:HA	6	0.79
(9,1402)	1:60:A:LEU:HD23	1:120:A:CYS:HA	6	0.79
(9,1275)	1:44:A:GLU:HG2	1:45:A:ALA:HA	13	0.79
(9,914)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	19	0.79
(9,743)	1:105:A:LYS:HG2	1:112:A:GLN:HE21	6	0.79
(9,701)	1:23:A:LEU:HB2	1:27:A:ARG:HE	7	0.79
(9,701)	1:23:A:LEU:HB3	1:27:A:ARG:HE	7	0.79
(9,649)	1:79:A:THR:H	1:80:A:TYR:HD1	7	0.79
(9,649)	1:79:A:THR:H	1:80:A:TYR:HD2	7	0.79
(9,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	4	0.79
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB2	1	0.79
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB3	1	0.79
(9,166)	1:95:A:ILE:H	1:95:A:ILE:HB	15	0.79
(9,69)	1:13:A:ALA:HB1	1:81:A:GLU:H	8	0.79
(9,69)	1:13:A:ALA:HB2	1:81:A:GLU:H	8	0.79
(9,69)	1:13:A:ALA:HB3	1:81:A:GLU:H	8	0.79
(7,2316)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	16	0.79
(7,2316)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	16	0.79
(7,2316)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	16	0.79
(7,2316)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	16	0.79
(7,2316)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	16	0.79
(7,2316)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	16	0.79
(7,2316)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	16	0.79
(7,2316)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	16	0.79
(7,2316)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	16	0.79
(7,2316)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	16	0.79
(7,2316)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	16	0.79
(7,2316)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	16	0.79
(7,2298)	1:104:A:PHE:HD1	1:116:A:GLN:HG2	3	0.79
(7,2298)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	3	0.79
(7,2298)	1:104:A:PHE:HD2	1:116:A:GLN:HG2	3	0.79
(7,2298)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	3	0.79
(7,2027)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	7	0.79
(7,2027)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	7	0.79
(7,2027)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	7	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2027)	1:31:A:PRO:HD2	1:144:A:LEU:HD21	7	0.79
(7,2027)	1:31:A:PRO:HD2	1:144:A:LEU:HD22	7	0.79
(7,2027)	1:31:A:PRO:HD2	1:144:A:LEU:HD23	7	0.79
(7,2027)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	7	0.79
(7,2027)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	7	0.79
(7,2027)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	7	0.79
(7,2027)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	7	0.79
(7,2027)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	7	0.79
(7,2027)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	7	0.79
(7,2004)	1:27:A:ARG:HA	1:31:A:PRO:HD2	12	0.79
(7,2004)	1:27:A:ARG:HA	1:31:A:PRO:HD3	12	0.79
(7,1989)	1:21:A:THR:HG21	1:23:A:LEU:HD11	6	0.79
(7,1989)	1:21:A:THR:HG21	1:23:A:LEU:HD12	6	0.79
(7,1989)	1:21:A:THR:HG21	1:23:A:LEU:HD13	6	0.79
(7,1989)	1:21:A:THR:HG21	1:23:A:LEU:HD21	6	0.79
(7,1989)	1:21:A:THR:HG21	1:23:A:LEU:HD22	6	0.79
(7,1989)	1:21:A:THR:HG21	1:23:A:LEU:HD23	6	0.79
(7,1989)	1:21:A:THR:HG22	1:23:A:LEU:HD11	6	0.79
(7,1989)	1:21:A:THR:HG22	1:23:A:LEU:HD12	6	0.79
(7,1989)	1:21:A:THR:HG22	1:23:A:LEU:HD13	6	0.79
(7,1989)	1:21:A:THR:HG22	1:23:A:LEU:HD21	6	0.79
(7,1989)	1:21:A:THR:HG22	1:23:A:LEU:HD22	6	0.79
(7,1989)	1:21:A:THR:HG22	1:23:A:LEU:HD23	6	0.79
(7,1989)	1:21:A:THR:HG23	1:23:A:LEU:HD11	6	0.79
(7,1989)	1:21:A:THR:HG23	1:23:A:LEU:HD12	6	0.79
(7,1989)	1:21:A:THR:HG23	1:23:A:LEU:HD13	6	0.79
(7,1989)	1:21:A:THR:HG23	1:23:A:LEU:HD21	6	0.79
(7,1989)	1:21:A:THR:HG23	1:23:A:LEU:HD22	6	0.79
(7,1989)	1:21:A:THR:HG23	1:23:A:LEU:HD23	6	0.79
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	6	0.79
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	6	0.79
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	6	0.79
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG11	12	0.79
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG12	12	0.79
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG13	12	0.79
(7,1259)	1:44:A:GLU:HG2	1:45:A:ALA:HA	13	0.79
(7,995)	1:79:A:THR:HG21	1:81:A:GLU:HB2	10	0.79
(7,995)	1:79:A:THR:HG22	1:81:A:GLU:HB2	10	0.79
(7,995)	1:79:A:THR:HG23	1:81:A:GLU:HB2	10	0.79
(7,960)	1:15:A:ALA:HB1	1:134:A:VAL:HB	12	0.79
(7,960)	1:15:A:ALA:HB2	1:134:A:VAL:HB	12	0.79
(7,960)	1:15:A:ALA:HB3	1:134:A:VAL:HB	12	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	17	0.79
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	17	0.79
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	17	0.79
(7,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	4	0.79
(7,471)	1:12:A:VAL:HG11	1:14:A:VAL:H	8	0.79
(7,471)	1:12:A:VAL:HG12	1:14:A:VAL:H	8	0.79
(7,471)	1:12:A:VAL:HG13	1:14:A:VAL:H	8	0.79
(7,471)	1:12:A:VAL:HG11	1:14:A:VAL:H	15	0.79
(7,471)	1:12:A:VAL:HG12	1:14:A:VAL:H	15	0.79
(7,471)	1:12:A:VAL:HG13	1:14:A:VAL:H	15	0.79
(7,166)	1:95:A:ILE:H	1:95:A:ILE:HB	15	0.79
(6,2362)	1:115:A:ALA:H	1:116:A:GLN:HE21	2	0.79
(6,2362)	1:115:A:ALA:H	1:116:A:GLN:HE22	2	0.79
(6,2322)	1:105:A:LYS:HG2	1:112:A:GLN:HE21	19	0.79
(6,2322)	1:105:A:LYS:HG3	1:112:A:GLN:HE21	19	0.79
(6,2278)	1:79:A:THR:HG21	1:81:A:GLU:HB2	5	0.79
(6,2278)	1:79:A:THR:HG21	1:81:A:GLU:HB3	5	0.79
(6,2278)	1:79:A:THR:HG22	1:81:A:GLU:HB2	5	0.79
(6,2278)	1:79:A:THR:HG22	1:81:A:GLU:HB3	5	0.79
(6,2278)	1:79:A:THR:HG23	1:81:A:GLU:HB2	5	0.79
(6,2278)	1:79:A:THR:HG23	1:81:A:GLU:HB3	5	0.79
(6,2209)	1:60:A:LEU:HG	1:61:A:SER:HB2	9	0.79
(6,2209)	1:60:A:LEU:HG	1:61:A:SER:HB3	9	0.79
(6,2209)	1:60:A:LEU:HG	1:61:A:SER:HB2	18	0.79
(6,2209)	1:60:A:LEU:HG	1:61:A:SER:HB3	18	0.79
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG11	10	0.79
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG12	10	0.79
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG13	10	0.79
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG21	10	0.79
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG22	10	0.79
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG23	10	0.79
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG11	10	0.79
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG12	10	0.79
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG13	10	0.79
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG21	10	0.79
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG22	10	0.79
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG23	10	0.79
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG11	10	0.79
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG12	10	0.79
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG13	10	0.79
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG21	10	0.79
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG22	10	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG23	10	0.79
(6,2079)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	9	0.79
(6,2079)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	9	0.79
(6,2079)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	9	0.79
(6,2079)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	9	0.79
(6,2079)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	9	0.79
(6,2079)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	9	0.79
(6,2040)	1:21:A:THR:HG21	1:23:A:LEU:HD11	6	0.79
(6,2040)	1:21:A:THR:HG21	1:23:A:LEU:HD12	6	0.79
(6,2040)	1:21:A:THR:HG21	1:23:A:LEU:HD13	6	0.79
(6,2040)	1:21:A:THR:HG21	1:23:A:LEU:HD21	6	0.79
(6,2040)	1:21:A:THR:HG21	1:23:A:LEU:HD22	6	0.79
(6,2040)	1:21:A:THR:HG21	1:23:A:LEU:HD23	6	0.79
(6,2040)	1:21:A:THR:HG22	1:23:A:LEU:HD11	6	0.79
(6,2040)	1:21:A:THR:HG22	1:23:A:LEU:HD12	6	0.79
(6,2040)	1:21:A:THR:HG22	1:23:A:LEU:HD13	6	0.79
(6,2040)	1:21:A:THR:HG22	1:23:A:LEU:HD21	6	0.79
(6,2040)	1:21:A:THR:HG22	1:23:A:LEU:HD22	6	0.79
(6,2040)	1:21:A:THR:HG22	1:23:A:LEU:HD23	6	0.79
(6,2040)	1:21:A:THR:HG23	1:23:A:LEU:HD11	6	0.79
(6,2040)	1:21:A:THR:HG23	1:23:A:LEU:HD12	6	0.79
(6,2040)	1:21:A:THR:HG23	1:23:A:LEU:HD13	6	0.79
(6,2040)	1:21:A:THR:HG23	1:23:A:LEU:HD21	6	0.79
(6,2040)	1:21:A:THR:HG23	1:23:A:LEU:HD22	6	0.79
(6,2040)	1:21:A:THR:HG23	1:23:A:LEU:HD23	6	0.79
(6,1749)	1:39:A:VAL:HA	1:140:A:LEU:HD11	5	0.79
(6,1749)	1:39:A:VAL:HA	1:140:A:LEU:HD12	5	0.79
(6,1749)	1:39:A:VAL:HA	1:140:A:LEU:HD13	5	0.79
(6,1696)	1:43:A:MET:HE1	1:135:A:GLN:H	2	0.79
(6,1696)	1:43:A:MET:HE2	1:135:A:GLN:H	2	0.79
(6,1696)	1:43:A:MET:HE3	1:135:A:GLN:H	2	0.79
(6,1668)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	17	0.79
(6,1668)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	17	0.79
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG11	12	0.79
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG12	12	0.79
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG13	12	0.79
(6,1340)	1:17:A:ASN:HA	1:76:A:ARG:HA	19	0.79
(6,1336)	1:105:A:LYS:HG2	1:106:A:ASP:HA	11	0.79
(6,1265)	1:44:A:GLU:HG2	1:45:A:ALA:HA	13	0.79
(6,963)	1:15:A:ALA:HB1	1:134:A:VAL:HB	12	0.79
(6,963)	1:15:A:ALA:HB2	1:134:A:VAL:HB	12	0.79
(6,963)	1:15:A:ALA:HB3	1:134:A:VAL:HB	12	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	17	0.79
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	17	0.79
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	17	0.79
(6,149)	1:131:A:LEU:H	1:131:A:LEU:HG	13	0.79
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD11	6	0.79
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD12	6	0.79
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD13	6	0.79
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD21	6	0.79
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD22	6	0.79
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD23	6	0.79
(5,1850)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	3	0.79
(5,1850)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	3	0.79
(5,1850)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	3	0.79
(5,1850)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	3	0.79
(5,1850)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	3	0.79
(5,1850)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	3	0.79
(5,1809)	1:13:A:ALA:H	1:80:A:TYR:HD1	12	0.79
(5,1809)	1:13:A:ALA:H	1:80:A:TYR:HD2	12	0.79
(5,1623)	1:73:A:ILE:HG21	1:111:A:GLU:H	15	0.79
(5,1623)	1:73:A:ILE:HG22	1:111:A:GLU:H	15	0.79
(5,1623)	1:73:A:ILE:HG23	1:111:A:GLU:H	15	0.79
(5,1272)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	7	0.79
(5,1272)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	7	0.79
(5,1272)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	7	0.79
(5,1272)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	7	0.79
(5,1272)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	7	0.79
(5,1272)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	7	0.79
(5,1031)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	19	0.79
(5,969)	1:11:A:ILE:HG12	1:14:A:VAL:HB	9	0.79
(5,969)	1:11:A:ILE:HG12	1:14:A:VAL:HB	19	0.79
(5,960)	1:11:A:ILE:HG12	1:43:A:MET:HB2	9	0.79
(5,880)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	19	0.79
(5,880)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	19	0.79
(5,880)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	19	0.79
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD11	3	0.79
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD12	3	0.79
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD13	3	0.79
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD11	6	0.79
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD12	6	0.79
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD13	6	0.79
(5,367)	1:41:A:LYS:H	1:44:A:GLU:HG3	2	0.79
(5,306)	1:40:A:LEU:HD11	1:43:A:MET:H	16	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,306)	1:40:A:LEU:HD12	1:43:A:MET:H	16	0.79
(5,306)	1:40:A:LEU:HD13	1:43:A:MET:H	16	0.79
(5,228)	1:112:A:GLN:HG2	1:114:A:ILE:H	1	0.79
(5,228)	1:112:A:GLN:HG3	1:114:A:ILE:H	1	0.79
(5,144)	1:131:A:LEU:H	1:131:A:LEU:HG	13	0.79
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD11	19	0.79
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD12	19	0.79
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD13	19	0.79
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD21	19	0.79
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD22	19	0.79
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD23	19	0.79
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD11	19	0.79
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD12	19	0.79
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD13	19	0.79
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD21	19	0.79
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD22	19	0.79
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD23	19	0.79
(4,1877)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	4	0.79
(4,1877)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	4	0.79
(4,1877)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	4	0.79
(4,1877)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	4	0.79
(4,1675)	1:43:A:MET:HE1	1:135:A:GLN:H	2	0.79
(4,1675)	1:43:A:MET:HE2	1:135:A:GLN:H	2	0.79
(4,1675)	1:43:A:MET:HE3	1:135:A:GLN:H	2	0.79
(4,1371)	1:19:A:ALA:HB1	1:132:A:ALA:HA	8	0.79
(4,1371)	1:19:A:ALA:HB2	1:132:A:ALA:HA	8	0.79
(4,1371)	1:19:A:ALA:HB3	1:132:A:ALA:HA	8	0.79
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG11	6	0.79
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG12	6	0.79
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG13	6	0.79
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD21	15	0.79
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD22	15	0.79
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD23	15	0.79
(4,1274)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	14	0.79
(4,1274)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	14	0.79
(4,1274)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	14	0.79
(4,1236)	1:23:A:LEU:HD11	1:25:A:ALA:H	5	0.79
(4,1236)	1:23:A:LEU:HD12	1:25:A:ALA:H	5	0.79
(4,1236)	1:23:A:LEU:HD13	1:25:A:ALA:H	5	0.79
(4,965)	1:15:A:ALA:HB1	1:134:A:VAL:HB	12	0.79
(4,965)	1:15:A:ALA:HB2	1:134:A:VAL:HB	12	0.79
(4,965)	1:15:A:ALA:HB3	1:134:A:VAL:HB	12	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,890)	1:20:A:THR:H	1:21:A:THR:HB	8	0.79
(4,862)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	10	0.79
(4,862)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	10	0.79
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	17	0.79
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	17	0.79
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	17	0.79
(4,697)	1:23:A:LEU:HB2	1:27:A:ARG:HE	7	0.79
(4,697)	1:23:A:LEU:HB3	1:27:A:ARG:HE	7	0.79
(4,644)	1:79:A:THR:H	1:80:A:TYR:HD1	7	0.79
(4,644)	1:79:A:THR:H	1:80:A:TYR:HD2	7	0.79
(4,581)	1:70:A:LYS:HB2	1:75:A:GLY:H	19	0.79
(4,581)	1:70:A:LYS:HB3	1:75:A:GLY:H	19	0.79
(4,162)	1:95:A:ILE:H	1:95:A:ILE:HB	15	0.79
(3,2465)	1:134:A:VAL:HG11	1:137:A:SER:H	4	0.79
(3,2465)	1:134:A:VAL:HG12	1:137:A:SER:H	4	0.79
(3,2465)	1:134:A:VAL:HG13	1:137:A:SER:H	4	0.79
(3,2465)	1:134:A:VAL:HG21	1:137:A:SER:H	4	0.79
(3,2465)	1:134:A:VAL:HG22	1:137:A:SER:H	4	0.79
(3,2465)	1:134:A:VAL:HG23	1:137:A:SER:H	4	0.79
(3,2318)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	16	0.79
(3,2318)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	16	0.79
(3,2318)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	16	0.79
(3,2318)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	16	0.79
(3,2318)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	16	0.79
(3,2318)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	16	0.79
(3,2318)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	16	0.79
(3,2318)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	16	0.79
(3,2318)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	16	0.79
(3,2318)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	16	0.79
(3,2318)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	16	0.79
(3,2318)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	16	0.79
(3,2318)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	16	0.79
(3,2318)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	16	0.79
(3,2318)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	16	0.79
(3,2318)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	16	0.79
(3,2318)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	16	0.79
(3,2318)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	16	0.79
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG11	16	0.79
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG12	16	0.79
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG13	16	0.79
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG21	16	0.79
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG22	16	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG23	16	0.79
(3,2143)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	14	0.79
(3,2143)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	14	0.79
(3,2143)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	14	0.79
(3,2143)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	14	0.79
(3,2143)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	14	0.79
(3,2143)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	14	0.79
(3,2087)	1:32:A:GLY:HA2	1:81:A:GLU:H	5	0.79
(3,2087)	1:32:A:GLY:HA3	1:81:A:GLU:H	5	0.79
(3,2049)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	0.79
(3,2049)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	0.79
(3,2049)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	0.79
(3,2049)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	0.79
(3,2049)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	0.79
(3,2049)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	0.79
(3,2049)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	0.79
(3,2049)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	0.79
(3,2049)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	0.79
(3,2049)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	0.79
(3,2049)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	0.79
(3,2049)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	0.79
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG21	3	0.79
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG22	3	0.79
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG23	3	0.79
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG21	3	0.79
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG22	3	0.79
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG23	3	0.79
(3,1865)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	4	0.79
(3,1865)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	4	0.79
(3,1865)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	4	0.79
(3,1723)	1:11:A:ILE:HG12	1:57:A:LEU:HB3	14	0.79
(3,1598)	1:11:A:ILE:HD11	1:43:A:MET:H	15	0.79
(3,1598)	1:11:A:ILE:HD12	1:43:A:MET:H	15	0.79
(3,1598)	1:11:A:ILE:HD13	1:43:A:MET:H	15	0.79
(3,1368)	1:17:A:ASN:HA	1:76:A:ARG:HA	19	0.79
(3,1302)	1:44:A:GLU:HG2	1:45:A:ALA:HA	13	0.79
(3,1260)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	6	0.79
(3,1260)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	6	0.79
(3,1260)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	6	0.79
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD21	13	0.79
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD22	13	0.79
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD23	13	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD21	13	0.79
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD22	13	0.79
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD23	13	0.79
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD21	13	0.79
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD22	13	0.79
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD23	13	0.79
(3,1028)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	5	0.79
(3,1028)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	5	0.79
(3,1028)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	5	0.79
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	17	0.79
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	17	0.79
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	17	0.79
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	17	0.79
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	17	0.79
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	17	0.79
(3,848)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	11	0.79
(3,848)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	11	0.79
(3,848)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	11	0.79
(3,848)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	11	0.79
(3,848)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	11	0.79
(3,848)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	11	0.79
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	5	0.79
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	5	0.79
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	5	0.79
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	5	0.79
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	5	0.79
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	5	0.79
(3,662)	1:100:A:ALA:H	1:119:A:LEU:HG	15	0.79
(3,659)	1:79:A:THR:H	1:80:A:TYR:HD1	7	0.79
(3,659)	1:79:A:THR:H	1:80:A:TYR:HD2	7	0.79
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD11	7	0.79
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD12	7	0.79
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD13	7	0.79
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD11	10	0.79
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD12	10	0.79
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD13	10	0.79
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD21	10	0.79
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD22	10	0.79
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD23	10	0.79
(2,2134)	1:39:A:VAL:HG11	1:144:A:LEU:H	16	0.79
(2,2134)	1:39:A:VAL:HG12	1:144:A:LEU:H	16	0.79
(2,2134)	1:39:A:VAL:HG13	1:144:A:LEU:H	16	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2134)	1:39:A:VAL:HG21	1:144:A:LEU:H	16	0.79
(2,2134)	1:39:A:VAL:HG22	1:144:A:LEU:H	16	0.79
(2,2134)	1:39:A:VAL:HG23	1:144:A:LEU:H	16	0.79
(2,2132)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	14	0.79
(2,2132)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	14	0.79
(2,2132)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	14	0.79
(2,2132)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	14	0.79
(2,2132)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	14	0.79
(2,2132)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	14	0.79
(2,2095)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	9	0.79
(2,2095)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	9	0.79
(2,2095)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	9	0.79
(2,2095)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	9	0.79
(2,2095)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	9	0.79
(2,2095)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	9	0.79
(2,1804)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	10	0.79
(2,1804)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	10	0.79
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	10	0.79
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	10	0.79
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	10	0.79
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	10	0.79
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	10	0.79
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	10	0.79
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	10	0.79
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	10	0.79
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	10	0.79
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	16	0.79
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	16	0.79
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	16	0.79
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	16	0.79
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	16	0.79
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	16	0.79
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	16	0.79
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	16	0.79
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	16	0.79
(2,1586)	1:61:A:SER:HA	1:63:A:ILE:HD11	17	0.79
(2,1586)	1:61:A:SER:HA	1:63:A:ILE:HD12	17	0.79
(2,1586)	1:61:A:SER:HA	1:63:A:ILE:HD13	17	0.79
(2,1345)	1:17:A:ASN:HA	1:76:A:ARG:HA	19	0.79
(2,1256)	1:23:A:LEU:HD11	1:25:A:ALA:H	5	0.79
(2,1256)	1:23:A:LEU:HD12	1:25:A:ALA:H	5	0.79
(2,1256)	1:23:A:LEU:HD13	1:25:A:ALA:H	5	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1136)	1:10:A:ASN:HD22	1:80:A:TYR:HA	6	0.79
(2,793)	1:63:A:ILE:HD11	1:117:A:VAL:HG21	2	0.79
(2,793)	1:63:A:ILE:HD11	1:117:A:VAL:HG22	2	0.79
(2,793)	1:63:A:ILE:HD11	1:117:A:VAL:HG23	2	0.79
(2,793)	1:63:A:ILE:HD12	1:117:A:VAL:HG21	2	0.79
(2,793)	1:63:A:ILE:HD12	1:117:A:VAL:HG22	2	0.79
(2,793)	1:63:A:ILE:HD12	1:117:A:VAL:HG23	2	0.79
(2,793)	1:63:A:ILE:HD13	1:117:A:VAL:HG21	2	0.79
(2,793)	1:63:A:ILE:HD13	1:117:A:VAL:HG22	2	0.79
(2,793)	1:63:A:ILE:HD13	1:117:A:VAL:HG23	2	0.79
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	17	0.79
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	17	0.79
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	17	0.79
(2,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	4	0.79
(2,424)	1:39:A:VAL:HG21	1:143:A:TRP:H	6	0.79
(2,424)	1:39:A:VAL:HG22	1:143:A:TRP:H	6	0.79
(2,424)	1:39:A:VAL:HG23	1:143:A:TRP:H	6	0.79
(2,163)	1:95:A:ILE:H	1:95:A:ILE:HB	15	0.79
(2,155)	1:127:A:CYS:H	1:128:A:LEU:HG	11	0.79
(2,67)	1:13:A:ALA:HB1	1:81:A:GLU:H	8	0.79
(2,67)	1:13:A:ALA:HB2	1:81:A:GLU:H	8	0.79
(2,67)	1:13:A:ALA:HB3	1:81:A:GLU:H	8	0.79
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD11	7	0.79
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD12	7	0.79
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD13	7	0.79
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD21	7	0.79
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD22	7	0.79
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD23	7	0.79
(1,2073)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	9	0.79
(1,2073)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	9	0.79
(1,2073)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	9	0.79
(1,2073)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	9	0.79
(1,2073)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	9	0.79
(1,2073)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	9	0.79
(1,1794)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	10	0.79
(1,1794)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	10	0.79
(1,1639)	1:13:A:ALA:HA	1:80:A:TYR:HB3	8	0.79
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	18	0.79
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	18	0.79
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	18	0.79
(1,1010)	1:102:A:PRO:HA	1:105:A:LYS:HB2	19	0.79
(1,1010)	1:102:A:PRO:HA	1:105:A:LYS:HB3	19	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,972)	1:40:A:LEU:HA	1:43:A:MET:HG2	3	0.79
(1,832)	1:98:A:ILE:HD11	1:101:A:ILE:HB	11	0.79
(1,832)	1:98:A:ILE:HD12	1:101:A:ILE:HB	11	0.79
(1,832)	1:98:A:ILE:HD13	1:101:A:ILE:HB	11	0.79
(1,660)	1:79:A:THR:H	1:80:A:TYR:HD1	7	0.79
(1,660)	1:79:A:THR:H	1:80:A:TYR:HD2	7	0.79
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD21	15	0.79
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD22	15	0.79
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD23	15	0.79
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD1	11	0.79
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD2	11	0.79
(1,162)	1:67:A:PRO:HD3	1:95:A:ILE:H	11	0.79
(1,1)	1:39:A:VAL:HG21	1:143:A:TRP:HE1	1	0.79
(1,1)	1:39:A:VAL:HG22	1:143:A:TRP:HE1	1	0.79
(1,1)	1:39:A:VAL:HG23	1:143:A:TRP:HE1	1	0.79
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	3	0.78
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	3	0.78
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	3	0.78
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	3	0.78
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	3	0.78
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	3	0.78
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	3	0.78
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	3	0.78
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	3	0.78
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	3	0.78
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	3	0.78
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	3	0.78
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	3	0.78
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	3	0.78
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	3	0.78
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	3	0.78
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	3	0.78
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	3	0.78
(34,2264)	1:74:A:PRO:HA	1:77:A:CYS:HB2	17	0.78
(34,2264)	1:74:A:PRO:HA	1:77:A:CYS:HB3	17	0.78
(34,1979)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	19	0.78
(34,1979)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	19	0.78
(34,1979)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	19	0.78
(34,1979)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	19	0.78
(34,1979)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	19	0.78
(34,1979)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	19	0.78
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	8	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	8	0.78
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	8	0.78
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	8	0.78
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	8	0.78
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	8	0.78
(34,1777)	1:97:A:ASP:HA	1:105:A:LYS:HG2	16	0.78
(34,1665)	1:132:A:ALA:HA	1:134:A:VAL:HG21	19	0.78
(34,1665)	1:132:A:ALA:HA	1:134:A:VAL:HG22	19	0.78
(34,1665)	1:132:A:ALA:HA	1:134:A:VAL:HG23	19	0.78
(34,1600)	1:97:A:ASP:H	1:98:A:ILE:HD11	3	0.78
(34,1600)	1:97:A:ASP:H	1:98:A:ILE:HD12	3	0.78
(34,1600)	1:97:A:ASP:H	1:98:A:ILE:HD13	3	0.78
(34,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD21	1	0.78
(34,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD22	1	0.78
(34,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD23	1	0.78
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD11	15	0.78
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD12	15	0.78
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD13	15	0.78
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD2	15	0.78
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD3	15	0.78
(34,958)	1:69:A:MET:HG2	1:109:A:PRO:HA	8	0.78
(34,958)	1:69:A:MET:HG2	1:109:A:PRO:HA	16	0.78
(34,866)	1:18:A:PHE:HZ	1:60:A:LEU:HB2	13	0.78
(34,661)	1:79:A:THR:H	1:80:A:TYR:HD1	1	0.78
(34,661)	1:79:A:THR:H	1:80:A:TYR:HD2	1	0.78
(34,643)	1:59:A:CYS:H	1:60:A:LEU:HB3	19	0.78
(34,505)	1:97:A:ASP:HB2	1:105:A:LYS:H	14	0.78
(34,505)	1:97:A:ASP:HB3	1:105:A:LYS:H	14	0.78
(34,481)	1:14:A:VAL:H	1:61:A:SER:HA	12	0.78
(34,404)	1:105:A:LYS:HG3	1:106:A:ASP:H	3	0.78
(34,316)	1:64:A:LYS:HD2	1:65:A:CYS:H	10	0.78
(34,316)	1:64:A:LYS:HD3	1:65:A:CYS:H	10	0.78
(34,12)	1:64:A:LYS:H	1:116:A:GLN:HG2	3	0.78
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	7	0.78
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	7	0.78
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	7	0.78
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	7	0.78
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	7	0.78
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	7	0.78
(33,2172)	1:47:A:ALA:H	1:134:A:VAL:HG11	11	0.78
(33,2172)	1:47:A:ALA:H	1:134:A:VAL:HG12	11	0.78
(33,2172)	1:47:A:ALA:H	1:134:A:VAL:HG13	11	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2172)	1:47:A:ALA:H	1:134:A:VAL:HG21	11	0.78
(33,2172)	1:47:A:ALA:H	1:134:A:VAL:HG22	11	0.78
(33,2172)	1:47:A:ALA:H	1:134:A:VAL:HG23	11	0.78
(33,2021)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	0.78
(33,2021)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	0.78
(33,2021)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	0.78
(33,2021)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	0.78
(33,2021)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	0.78
(33,2021)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	0.78
(33,2021)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	0.78
(33,2021)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	0.78
(33,2021)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	0.78
(33,2021)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	0.78
(33,2021)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	0.78
(33,2021)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	0.78
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	12	0.78
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	12	0.78
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	12	0.78
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	12	0.78
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	12	0.78
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	12	0.78
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	12	0.78
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	12	0.78
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	12	0.78
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	12	0.78
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	12	0.78
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	12	0.78
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	12	0.78
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	12	0.78
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	12	0.78
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	12	0.78
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	12	0.78
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	12	0.78
(33,1389)	1:16:A:SER:HA	1:19:A:ALA:HB1	6	0.78
(33,1389)	1:16:A:SER:HA	1:19:A:ALA:HB2	6	0.78
(33,1389)	1:16:A:SER:HA	1:19:A:ALA:HB3	6	0.78
(33,864)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	5	0.78
(33,864)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	5	0.78
(33,310)	1:64:A:LYS:HD2	1:65:A:CYS:H	10	0.78
(33,310)	1:64:A:LYS:HD3	1:65:A:CYS:H	10	0.78
(33,16)	1:64:A:LYS:H	1:116:A:GLN:HG2	3	0.78
(32,2134)	1:43:A:MET:HE1	1:46:A:ASN:HB2	6	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2134)	1:43:A:MET:HE1	1:46:A:ASN:HB3	6	0.78
(32,2134)	1:43:A:MET:HE2	1:46:A:ASN:HB2	6	0.78
(32,2134)	1:43:A:MET:HE2	1:46:A:ASN:HB3	6	0.78
(32,2134)	1:43:A:MET:HE3	1:46:A:ASN:HB2	6	0.78
(32,2134)	1:43:A:MET:HE3	1:46:A:ASN:HB3	6	0.78
(32,1761)	1:9:A:PHE:HD1	1:11:A:ILE:HB	7	0.78
(32,1761)	1:9:A:PHE:HD2	1:11:A:ILE:HB	7	0.78
(32,1522)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	10	0.78
(32,1522)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	10	0.78
(32,1522)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	10	0.78
(32,1512)	1:38:A:GLU:HA	1:139:A:LEU:HD21	17	0.78
(32,1512)	1:38:A:GLU:HA	1:139:A:LEU:HD22	17	0.78
(32,1512)	1:38:A:GLU:HA	1:139:A:LEU:HD23	17	0.78
(32,1460)	1:12:A:VAL:H	1:43:A:MET:HE1	11	0.78
(32,1460)	1:12:A:VAL:H	1:43:A:MET:HE2	11	0.78
(32,1460)	1:12:A:VAL:H	1:43:A:MET:HE3	11	0.78
(32,1358)	1:16:A:SER:HA	1:19:A:ALA:HB1	6	0.78
(32,1358)	1:16:A:SER:HA	1:19:A:ALA:HB2	6	0.78
(32,1358)	1:16:A:SER:HA	1:19:A:ALA:HB3	6	0.78
(32,961)	1:105:A:LYS:HD2	1:107:A:LEU:H	16	0.78
(32,961)	1:105:A:LYS:HD3	1:107:A:LEU:H	16	0.78
(30,2457)	1:140:A:LEU:HD11	1:144:A:LEU:H	10	0.78
(30,2457)	1:140:A:LEU:HD12	1:144:A:LEU:H	10	0.78
(30,2457)	1:140:A:LEU:HD13	1:144:A:LEU:H	10	0.78
(30,2457)	1:140:A:LEU:HD21	1:144:A:LEU:H	10	0.78
(30,2457)	1:140:A:LEU:HD22	1:144:A:LEU:H	10	0.78
(30,2457)	1:140:A:LEU:HD23	1:144:A:LEU:H	10	0.78
(30,2457)	1:140:A:LEU:HD11	1:144:A:LEU:H	16	0.78
(30,2457)	1:140:A:LEU:HD12	1:144:A:LEU:H	16	0.78
(30,2457)	1:140:A:LEU:HD13	1:144:A:LEU:H	16	0.78
(30,2457)	1:140:A:LEU:HD21	1:144:A:LEU:H	16	0.78
(30,2457)	1:140:A:LEU:HD22	1:144:A:LEU:H	16	0.78
(30,2457)	1:140:A:LEU:HD23	1:144:A:LEU:H	16	0.78
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE1	1	0.78
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE2	1	0.78
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE1	1	0.78
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE2	1	0.78
(30,1895)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	1	0.78
(30,1895)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	1	0.78
(30,1895)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	1	0.78
(30,1895)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	1	0.78
(30,1895)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	1	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1895)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	1	0.78
(30,1710)	1:141:A:LYS:HA	1:145:A:PRO:HD3	17	0.78
(30,1585)	1:97:A:ASP:H	1:98:A:ILE:HD11	3	0.78
(30,1585)	1:97:A:ASP:H	1:98:A:ILE:HD12	3	0.78
(30,1585)	1:97:A:ASP:H	1:98:A:ILE:HD13	3	0.78
(30,1389)	1:16:A:SER:HA	1:19:A:ALA:HB1	6	0.78
(30,1389)	1:16:A:SER:HA	1:19:A:ALA:HB2	6	0.78
(30,1389)	1:16:A:SER:HA	1:19:A:ALA:HB3	6	0.78
(30,1295)	1:60:A:LEU:HA	1:60:A:LEU:HD21	2	0.78
(30,1295)	1:60:A:LEU:HA	1:60:A:LEU:HD22	2	0.78
(30,1295)	1:60:A:LEU:HA	1:60:A:LEU:HD23	2	0.78
(30,1295)	1:60:A:LEU:HA	1:60:A:LEU:HD21	12	0.78
(30,1295)	1:60:A:LEU:HA	1:60:A:LEU:HD22	12	0.78
(30,1295)	1:60:A:LEU:HA	1:60:A:LEU:HD23	12	0.78
(30,1153)	1:13:A:ALA:HB1	1:80:A:TYR:HA	2	0.78
(30,1153)	1:13:A:ALA:HB2	1:80:A:TYR:HA	2	0.78
(30,1153)	1:13:A:ALA:HB3	1:80:A:TYR:HA	2	0.78
(30,989)	1:35:A:LEU:HG	1:143:A:TRP:HB3	18	0.78
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	19	0.78
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	19	0.78
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	19	0.78
(30,509)	1:70:A:LYS:HE2	1:71:A:LYS:H	15	0.78
(30,509)	1:70:A:LYS:HE3	1:71:A:LYS:H	15	0.78
(29,2422)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	10	0.78
(29,2422)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	10	0.78
(29,2422)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	10	0.78
(29,2422)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	10	0.78
(29,2422)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	10	0.78
(29,2422)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	10	0.78
(29,2259)	1:74:A:PRO:HA	1:77:A:CYS:HB2	17	0.78
(29,2259)	1:74:A:PRO:HA	1:77:A:CYS:HB3	17	0.78
(29,1912)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	1	0.78
(29,1912)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	1	0.78
(29,1912)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	1	0.78
(29,1912)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	1	0.78
(29,1912)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	1	0.78
(29,1912)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	1	0.78
(29,1870)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	19	0.78
(29,1870)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	19	0.78
(29,1870)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	19	0.78
(29,1870)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	19	0.78
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	10	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	10	0.78
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	10	0.78
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	10	0.78
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	10	0.78
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	10	0.78
(29,1596)	1:97:A:ASP:H	1:98:A:ILE:HD11	3	0.78
(29,1596)	1:97:A:ASP:H	1:98:A:ILE:HD12	3	0.78
(29,1596)	1:97:A:ASP:H	1:98:A:ILE:HD13	3	0.78
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE1	19	0.78
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE2	19	0.78
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE3	19	0.78
(29,1447)	1:31:A:PRO:HD3	1:144:A:LEU:HA	1	0.78
(29,1447)	1:31:A:PRO:HD3	1:144:A:LEU:HA	13	0.78
(29,1447)	1:31:A:PRO:HD3	1:144:A:LEU:HA	15	0.78
(29,1399)	1:16:A:SER:HA	1:19:A:ALA:HB1	6	0.78
(29,1399)	1:16:A:SER:HA	1:19:A:ALA:HB2	6	0.78
(29,1399)	1:16:A:SER:HA	1:19:A:ALA:HB3	6	0.78
(29,658)	1:79:A:THR:H	1:80:A:TYR:HD1	1	0.78
(29,658)	1:79:A:THR:H	1:80:A:TYR:HD2	1	0.78
(29,595)	1:75:A:GLY:H	1:76:A:ARG:HG2	1	0.78
(29,595)	1:75:A:GLY:H	1:76:A:ARG:HG3	1	0.78
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE1	19	0.78
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE2	19	0.78
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE3	19	0.78
(29,13)	1:64:A:LYS:H	1:116:A:GLN:HG2	3	0.78
(22,42)	1:129:A:LYS:N	1:125:A:THR:C	10	0.78
(22,41)	1:129:A:LYS:H	1:125:A:THR:C	4	0.78
(22,41)	1:129:A:LYS:H	1:125:A:THR:C	14	0.78
(22,41)	1:129:A:LYS:H	1:125:A:THR:C	19	0.78
(22,23)	1:113:A:PHE:H	1:109:A:PRO:C	19	0.78
(22,14)	1:60:A:LEU:N	1:56:A:CYS:C	5	0.78
(22,14)	1:60:A:LEU:N	1:56:A:CYS:C	8	0.78
(22,14)	1:60:A:LEU:N	1:56:A:CYS:C	11	0.78
(22,13)	1:60:A:LEU:H	1:56:A:CYS:C	18	0.78
(22,9)	1:58:A:ILE:H	1:54:A:ARG:C	16	0.78
(22,1)	1:17:A:ASN:H	1:13:A:ALA:C	17	0.78
(19,19)	1:56:A:CYS:SG	1:127:A:CYS:CB	8	0.78
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD11	14	0.78
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD12	14	0.78
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD13	14	0.78
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD21	14	0.78
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD22	14	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD23	14	0.78
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD11	12	0.78
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD12	12	0.78
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD13	12	0.78
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD21	12	0.78
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD22	12	0.78
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD23	12	0.78
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	6	0.78
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	6	0.78
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	6	0.78
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	6	0.78
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	6	0.78
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	6	0.78
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	6	0.78
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	6	0.78
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	6	0.78
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	6	0.78
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	6	0.78
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	6	0.78
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD11	4	0.78
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD12	4	0.78
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD13	4	0.78
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD21	4	0.78
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD22	4	0.78
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD23	4	0.78
(18,1883)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	1	0.78
(18,1883)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	1	0.78
(18,1883)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	1	0.78
(18,1883)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	1	0.78
(18,1883)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	1	0.78
(18,1883)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	1	0.78
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	14	0.78
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	14	0.78
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	14	0.78
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	10	0.78
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	10	0.78
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	10	0.78
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	10	0.78
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	10	0.78
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	10	0.78
(18,1540)	1:38:A:GLU:HA	1:139:A:LEU:HD21	17	0.78
(18,1540)	1:38:A:GLU:HA	1:139:A:LEU:HD22	17	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1540)	1:38:A:GLU:HA	1:139:A:LEU:HD23	17	0.78
(18,1531)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	1	0.78
(18,1531)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	1	0.78
(18,1531)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	1	0.78
(18,1531)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	1	0.78
(18,1531)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	1	0.78
(18,1531)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	1	0.78
(18,1386)	1:16:A:SER:HA	1:19:A:ALA:HB1	6	0.78
(18,1386)	1:16:A:SER:HA	1:19:A:ALA:HB2	6	0.78
(18,1386)	1:16:A:SER:HA	1:19:A:ALA:HB3	6	0.78
(18,671)	1:101:A:ILE:HB	1:103:A:ARG:H	15	0.78
(18,665)	1:79:A:THR:H	1:80:A:TYR:HD1	1	0.78
(18,665)	1:79:A:THR:H	1:80:A:TYR:HD2	1	0.78
(18,516)	1:101:A:ILE:HD11	1:105:A:LYS:H	17	0.78
(18,516)	1:101:A:ILE:HD12	1:105:A:LYS:H	17	0.78
(18,516)	1:101:A:ILE:HD13	1:105:A:LYS:H	17	0.78
(18,509)	1:97:A:ASP:HB2	1:105:A:LYS:H	14	0.78
(18,509)	1:97:A:ASP:HB3	1:105:A:LYS:H	14	0.78
(18,153)	1:67:A:PRO:HD3	1:95:A:ILE:H	14	0.78
(18,121)	1:79:A:THR:H	1:80:A:TYR:H	7	0.78
(18,121)	1:79:A:THR:H	1:80:A:TYR:H	13	0.78
(18,107)	1:69:A:MET:H	1:69:A:MET:HE1	13	0.78
(18,107)	1:69:A:MET:H	1:69:A:MET:HE2	13	0.78
(18,107)	1:69:A:MET:H	1:69:A:MET:HE3	13	0.78
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD11	7	0.78
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD12	7	0.78
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD13	7	0.78
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD21	7	0.78
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD22	7	0.78
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD23	7	0.78
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD11	7	0.78
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD12	7	0.78
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD13	7	0.78
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD21	7	0.78
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD22	7	0.78
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD23	7	0.78
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD11	7	0.78
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD12	7	0.78
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD13	7	0.78
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD21	7	0.78
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD22	7	0.78
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD23	7	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	7	0.78
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	7	0.78
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	7	0.78
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	7	0.78
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	7	0.78
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	7	0.78
(17,2073)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	14	0.78
(17,2073)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	14	0.78
(17,2073)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	14	0.78
(17,2073)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	14	0.78
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	6	0.78
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	6	0.78
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	6	0.78
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	6	0.78
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	6	0.78
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	6	0.78
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	6	0.78
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	6	0.78
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	6	0.78
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	6	0.78
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	6	0.78
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	6	0.78
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	6	0.78
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	6	0.78
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	6	0.78
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	6	0.78
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	6	0.78
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	6	0.78
(17,1910)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	1	0.78
(17,1910)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	1	0.78
(17,1910)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	1	0.78
(17,1910)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	1	0.78
(17,1910)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	1	0.78
(17,1910)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	1	0.78
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	8	0.78
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	8	0.78
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	8	0.78
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	8	0.78
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	8	0.78
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	8	0.78
(17,1806)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	13	0.78
(17,1806)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	13	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1806)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	13	0.78
(17,1806)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	13	0.78
(17,1806)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	13	0.78
(17,1806)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	13	0.78
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	14	0.78
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	14	0.78
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	14	0.78
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	3	0.78
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	3	0.78
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	3	0.78
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	8	0.78
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	8	0.78
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	8	0.78
(17,1458)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	3	0.78
(17,1458)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	3	0.78
(17,1458)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	3	0.78
(17,1409)	1:16:A:SER:HA	1:19:A:ALA:HB1	6	0.78
(17,1409)	1:16:A:SER:HA	1:19:A:ALA:HB2	6	0.78
(17,1409)	1:16:A:SER:HA	1:19:A:ALA:HB3	6	0.78
(17,1309)	1:60:A:LEU:HA	1:60:A:LEU:HD21	2	0.78
(17,1309)	1:60:A:LEU:HA	1:60:A:LEU:HD22	2	0.78
(17,1309)	1:60:A:LEU:HA	1:60:A:LEU:HD23	2	0.78
(17,1309)	1:60:A:LEU:HA	1:60:A:LEU:HD21	12	0.78
(17,1309)	1:60:A:LEU:HA	1:60:A:LEU:HD22	12	0.78
(17,1309)	1:60:A:LEU:HA	1:60:A:LEU:HD23	12	0.78
(17,1266)	1:12:A:VAL:HG11	1:40:A:LEU:HA	8	0.78
(17,1266)	1:12:A:VAL:HG12	1:40:A:LEU:HA	8	0.78
(17,1266)	1:12:A:VAL:HG13	1:40:A:LEU:HA	8	0.78
(17,1032)	1:8:A:ASP:H	1:58:A:ILE:HG13	6	0.78
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD11	8	0.78
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD12	8	0.78
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD13	8	0.78
(17,654)	1:79:A:THR:H	1:80:A:TYR:HD1	1	0.78
(17,654)	1:79:A:THR:H	1:80:A:TYR:HD2	1	0.78
(17,488)	1:97:A:ASP:HB2	1:105:A:LYS:H	14	0.78
(17,488)	1:97:A:ASP:HB3	1:105:A:LYS:H	14	0.78
(17,391)	1:105:A:LYS:HG3	1:106:A:ASP:H	3	0.78
(17,308)	1:64:A:LYS:HD2	1:65:A:CYS:H	10	0.78
(17,308)	1:64:A:LYS:HD3	1:65:A:CYS:H	10	0.78
(17,12)	1:64:A:LYS:H	1:116:A:GLN:HG2	3	0.78
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	2	0.78
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	2	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	2	0.78
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	2	0.78
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	2	0.78
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	2	0.78
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	2	0.78
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	2	0.78
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	2	0.78
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	2	0.78
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	2	0.78
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	2	0.78
(16,2083)	1:35:A:LEU:HD11	1:38:A:GLU:H	6	0.78
(16,2083)	1:35:A:LEU:HD12	1:38:A:GLU:H	6	0.78
(16,2083)	1:35:A:LEU:HD13	1:38:A:GLU:H	6	0.78
(16,2083)	1:35:A:LEU:HD21	1:38:A:GLU:H	6	0.78
(16,2083)	1:35:A:LEU:HD22	1:38:A:GLU:H	6	0.78
(16,2083)	1:35:A:LEU:HD23	1:38:A:GLU:H	6	0.78
(16,1965)	1:12:A:VAL:HG11	1:43:A:MET:H	5	0.78
(16,1965)	1:12:A:VAL:HG12	1:43:A:MET:H	5	0.78
(16,1965)	1:12:A:VAL:HG13	1:43:A:MET:H	5	0.78
(16,1965)	1:12:A:VAL:HG21	1:43:A:MET:H	5	0.78
(16,1965)	1:12:A:VAL:HG22	1:43:A:MET:H	5	0.78
(16,1965)	1:12:A:VAL:HG23	1:43:A:MET:H	5	0.78
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD11	11	0.78
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD12	11	0.78
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD13	11	0.78
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD21	11	0.78
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD22	11	0.78
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD23	11	0.78
(16,1891)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	5	0.78
(16,1891)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	5	0.78
(16,1891)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	5	0.78
(16,1891)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	5	0.78
(16,1891)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	5	0.78
(16,1891)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	5	0.78
(16,1884)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	13	0.78
(16,1884)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	13	0.78
(16,1884)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	13	0.78
(16,1884)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	13	0.78
(16,1884)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	13	0.78
(16,1884)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	13	0.78
(16,1879)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	1	0.78
(16,1879)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	1	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1879)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	1	0.78
(16,1879)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	1	0.78
(16,1879)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	1	0.78
(16,1879)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	1	0.78
(16,1569)	1:97:A:ASP:H	1:98:A:ILE:HD11	3	0.78
(16,1569)	1:97:A:ASP:H	1:98:A:ILE:HD12	3	0.78
(16,1569)	1:97:A:ASP:H	1:98:A:ILE:HD13	3	0.78
(16,1557)	1:11:A:ILE:HD11	1:18:A:PHE:HD1	1	0.78
(16,1557)	1:11:A:ILE:HD11	1:18:A:PHE:HD2	1	0.78
(16,1557)	1:11:A:ILE:HD12	1:18:A:PHE:HD1	1	0.78
(16,1557)	1:11:A:ILE:HD12	1:18:A:PHE:HD2	1	0.78
(16,1557)	1:11:A:ILE:HD13	1:18:A:PHE:HD1	1	0.78
(16,1557)	1:11:A:ILE:HD13	1:18:A:PHE:HD2	1	0.78
(16,1443)	1:31:A:PRO:HD3	1:144:A:LEU:HA	1	0.78
(16,1443)	1:31:A:PRO:HD3	1:144:A:LEU:HA	13	0.78
(16,1443)	1:31:A:PRO:HD3	1:144:A:LEU:HA	15	0.78
(16,1394)	1:16:A:SER:HA	1:19:A:ALA:HB1	6	0.78
(16,1394)	1:16:A:SER:HA	1:19:A:ALA:HB2	6	0.78
(16,1394)	1:16:A:SER:HA	1:19:A:ALA:HB3	6	0.78
(16,1136)	1:40:A:LEU:HA	1:43:A:MET:HG3	15	0.78
(16,869)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	5	0.78
(16,869)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	5	0.78
(16,846)	1:45:A:ALA:HA	1:48:A:ARG:HD2	4	0.78
(16,846)	1:45:A:ALA:HA	1:48:A:ARG:HD3	4	0.78
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	9	0.78
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	9	0.78
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	9	0.78
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	9	0.78
(16,595)	1:75:A:GLY:H	1:76:A:ARG:HG2	1	0.78
(16,595)	1:75:A:GLY:H	1:76:A:ARG:HG3	1	0.78
(16,431)	1:39:A:VAL:HG21	1:143:A:TRP:H	14	0.78
(16,431)	1:39:A:VAL:HG22	1:143:A:TRP:H	14	0.78
(16,431)	1:39:A:VAL:HG23	1:143:A:TRP:H	14	0.78
(16,303)	1:43:A:MET:H	1:43:A:MET:HG2	5	0.78
(16,222)	1:44:A:GLU:HB2	1:48:A:ARG:H	4	0.78
(16,222)	1:44:A:GLU:HB3	1:48:A:ARG:H	4	0.78
(16,118)	1:79:A:THR:H	1:80:A:TYR:H	7	0.78
(16,118)	1:79:A:THR:H	1:80:A:TYR:H	13	0.78
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG2	9	0.78
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG3	9	0.78
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	3	0.78
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	3	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	3	0.78
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	8	0.78
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	8	0.78
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	8	0.78
(15,1560)	1:11:A:ILE:HD11	1:14:A:VAL:H	15	0.78
(15,1560)	1:11:A:ILE:HD12	1:14:A:VAL:H	15	0.78
(15,1560)	1:11:A:ILE:HD13	1:14:A:VAL:H	15	0.78
(15,1540)	1:38:A:GLU:HA	1:139:A:LEU:HD21	17	0.78
(15,1540)	1:38:A:GLU:HA	1:139:A:LEU:HD22	17	0.78
(15,1540)	1:38:A:GLU:HA	1:139:A:LEU:HD23	17	0.78
(15,1387)	1:16:A:SER:HA	1:19:A:ALA:HB1	6	0.78
(15,1387)	1:16:A:SER:HA	1:19:A:ALA:HB2	6	0.78
(15,1387)	1:16:A:SER:HA	1:19:A:ALA:HB3	6	0.78
(15,1340)	1:105:A:LYS:HG2	1:106:A:ASP:HA	5	0.78
(15,1340)	1:105:A:LYS:HG2	1:106:A:ASP:HA	19	0.78
(15,1153)	1:13:A:ALA:HB1	1:80:A:TYR:HA	2	0.78
(15,1153)	1:13:A:ALA:HB2	1:80:A:TYR:HA	2	0.78
(15,1153)	1:13:A:ALA:HB3	1:80:A:TYR:HA	2	0.78
(15,399)	1:105:A:LYS:HG3	1:106:A:ASP:H	3	0.78
(15,313)	1:64:A:LYS:HD2	1:65:A:CYS:H	10	0.78
(15,313)	1:64:A:LYS:HD3	1:65:A:CYS:H	10	0.78
(15,223)	1:44:A:GLU:HB2	1:48:A:ARG:H	4	0.78
(15,223)	1:44:A:GLU:HB3	1:48:A:ARG:H	4	0.78
(13,2394)	1:129:A:LYS:HG2	1:130:A:GLY:H	19	0.78
(13,2394)	1:129:A:LYS:HG3	1:130:A:GLY:H	19	0.78
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG11	16	0.78
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG12	16	0.78
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG13	16	0.78
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG21	16	0.78
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG22	16	0.78
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG23	16	0.78
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	10	0.78
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	10	0.78
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	10	0.78
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	10	0.78
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	10	0.78
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	10	0.78
(13,1555)	1:98:A:ILE:HG21	1:116:A:GLN:H	3	0.78
(13,1555)	1:98:A:ILE:HG22	1:116:A:GLN:H	3	0.78
(13,1555)	1:98:A:ILE:HG23	1:116:A:GLN:H	3	0.78
(13,1552)	1:97:A:ASP:H	1:98:A:ILE:HD11	3	0.78
(13,1552)	1:97:A:ASP:H	1:98:A:ILE:HD12	3	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1552)	1:97:A:ASP:H	1:98:A:ILE:HD13	3	0.78
(13,1475)	1:12:A:VAL:H	1:43:A:MET:HE1	11	0.78
(13,1475)	1:12:A:VAL:H	1:43:A:MET:HE2	11	0.78
(13,1475)	1:12:A:VAL:H	1:43:A:MET:HE3	11	0.78
(13,1422)	1:31:A:PRO:HD2	1:144:A:LEU:HB3	1	0.78
(13,1366)	1:16:A:SER:HA	1:19:A:ALA:HB1	6	0.78
(13,1366)	1:16:A:SER:HA	1:19:A:ALA:HB2	6	0.78
(13,1366)	1:16:A:SER:HA	1:19:A:ALA:HB3	6	0.78
(13,1131)	1:13:A:ALA:HB1	1:80:A:TYR:HA	2	0.78
(13,1131)	1:13:A:ALA:HB2	1:80:A:TYR:HA	2	0.78
(13,1131)	1:13:A:ALA:HB3	1:80:A:TYR:HA	2	0.78
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD2	15	0.78
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD3	15	0.78
(11,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	18	0.78
(11,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	18	0.78
(11,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	18	0.78
(11,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	18	0.78
(11,2087)	1:35:A:LEU:HD11	1:38:A:GLU:H	6	0.78
(11,2087)	1:35:A:LEU:HD12	1:38:A:GLU:H	6	0.78
(11,2087)	1:35:A:LEU:HD13	1:38:A:GLU:H	6	0.78
(11,2087)	1:35:A:LEU:HD21	1:38:A:GLU:H	6	0.78
(11,2087)	1:35:A:LEU:HD22	1:38:A:GLU:H	6	0.78
(11,2087)	1:35:A:LEU:HD23	1:38:A:GLU:H	6	0.78
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	15	0.78
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	15	0.78
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	15	0.78
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	15	0.78
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	15	0.78
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	15	0.78
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	15	0.78
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	15	0.78
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	15	0.78
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	15	0.78
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	15	0.78
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	15	0.78
(11,1913)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	1	0.78
(11,1913)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	1	0.78
(11,1913)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	1	0.78
(11,1913)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	1	0.78
(11,1913)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	1	0.78
(11,1913)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	1	0.78
(11,1763)	1:21:A:THR:HG21	1:23:A:LEU:HD21	6	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1763)	1:21:A:THR:HG21	1:23:A:LEU:HD22	6	0.78
(11,1763)	1:21:A:THR:HG21	1:23:A:LEU:HD23	6	0.78
(11,1763)	1:21:A:THR:HG22	1:23:A:LEU:HD21	6	0.78
(11,1763)	1:21:A:THR:HG22	1:23:A:LEU:HD22	6	0.78
(11,1763)	1:21:A:THR:HG22	1:23:A:LEU:HD23	6	0.78
(11,1763)	1:21:A:THR:HG23	1:23:A:LEU:HD21	6	0.78
(11,1763)	1:21:A:THR:HG23	1:23:A:LEU:HD22	6	0.78
(11,1763)	1:21:A:THR:HG23	1:23:A:LEU:HD23	6	0.78
(11,1612)	1:97:A:ASP:H	1:98:A:ILE:HD11	3	0.78
(11,1612)	1:97:A:ASP:H	1:98:A:ILE:HD12	3	0.78
(11,1612)	1:97:A:ASP:H	1:98:A:ILE:HD13	3	0.78
(11,1595)	1:11:A:ILE:HD11	1:14:A:VAL:H	15	0.78
(11,1595)	1:11:A:ILE:HD12	1:14:A:VAL:H	15	0.78
(11,1595)	1:11:A:ILE:HD13	1:14:A:VAL:H	15	0.78
(11,1582)	1:60:A:LEU:HA	1:117:A:VAL:HG21	2	0.78
(11,1582)	1:60:A:LEU:HA	1:117:A:VAL:HG22	2	0.78
(11,1582)	1:60:A:LEU:HA	1:117:A:VAL:HG23	2	0.78
(11,1555)	1:76:A:ARG:HG2	1:110:A:MET:HE1	16	0.78
(11,1555)	1:76:A:ARG:HG2	1:110:A:MET:HE2	16	0.78
(11,1555)	1:76:A:ARG:HG2	1:110:A:MET:HE3	16	0.78
(11,1555)	1:76:A:ARG:HG3	1:110:A:MET:HE1	16	0.78
(11,1555)	1:76:A:ARG:HG3	1:110:A:MET:HE2	16	0.78
(11,1555)	1:76:A:ARG:HG3	1:110:A:MET:HE3	16	0.78
(11,1523)	1:12:A:VAL:H	1:43:A:MET:HE1	11	0.78
(11,1523)	1:12:A:VAL:H	1:43:A:MET:HE2	11	0.78
(11,1523)	1:12:A:VAL:H	1:43:A:MET:HE3	11	0.78
(11,1460)	1:31:A:PRO:HD3	1:144:A:LEU:HA	1	0.78
(11,1460)	1:31:A:PRO:HD3	1:144:A:LEU:HA	13	0.78
(11,1460)	1:31:A:PRO:HD3	1:144:A:LEU:HA	15	0.78
(11,1410)	1:16:A:SER:HA	1:19:A:ALA:HB1	6	0.78
(11,1410)	1:16:A:SER:HA	1:19:A:ALA:HB2	6	0.78
(11,1410)	1:16:A:SER:HA	1:19:A:ALA:HB3	6	0.78
(11,1212)	1:140:A:LEU:HA	1:144:A:LEU:HD21	17	0.78
(11,1212)	1:140:A:LEU:HA	1:144:A:LEU:HD22	17	0.78
(11,1212)	1:140:A:LEU:HA	1:144:A:LEU:HD23	17	0.78
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD11	9	0.78
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD12	9	0.78
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD13	9	0.78
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD2	15	0.78
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD3	15	0.78
(11,637)	1:59:A:CYS:H	1:60:A:LEU:HB3	13	0.78
(11,583)	1:128:A:LEU:HD11	1:130:A:GLY:H	18	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,583)	1:128:A:LEU:HD12	1:130:A:GLY:H	18	0.78
(11,583)	1:128:A:LEU:HD13	1:130:A:GLY:H	18	0.78
(11,494)	1:97:A:ASP:HB2	1:105:A:LYS:H	14	0.78
(11,494)	1:97:A:ASP:HB3	1:105:A:LYS:H	14	0.78
(11,119)	1:79:A:THR:H	1:80:A:TYR:H	7	0.78
(11,119)	1:79:A:THR:H	1:80:A:TYR:H	13	0.78
(11,13)	1:64:A:LYS:H	1:116:A:GLN:HG2	3	0.78
(9,1732)	1:105:A:LYS:HG2	1:106:A:ASP:HA	5	0.78
(9,1732)	1:105:A:LYS:HG2	1:106:A:ASP:HA	19	0.78
(9,1578)	1:97:A:ASP:H	1:98:A:ILE:HD11	3	0.78
(9,1578)	1:97:A:ASP:H	1:98:A:ILE:HD12	3	0.78
(9,1578)	1:97:A:ASP:H	1:98:A:ILE:HD13	3	0.78
(9,1546)	1:38:A:GLU:HA	1:139:A:LEU:HD21	17	0.78
(9,1546)	1:38:A:GLU:HA	1:139:A:LEU:HD22	17	0.78
(9,1546)	1:38:A:GLU:HA	1:139:A:LEU:HD23	17	0.78
(9,1497)	1:12:A:VAL:H	1:43:A:MET:HE1	11	0.78
(9,1497)	1:12:A:VAL:H	1:43:A:MET:HE2	11	0.78
(9,1497)	1:12:A:VAL:H	1:43:A:MET:HE3	11	0.78
(9,1398)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	13	0.78
(9,1398)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	13	0.78
(9,1398)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	13	0.78
(9,1384)	1:16:A:SER:HA	1:19:A:ALA:HB1	6	0.78
(9,1384)	1:16:A:SER:HA	1:19:A:ALA:HB2	6	0.78
(9,1384)	1:16:A:SER:HA	1:19:A:ALA:HB3	6	0.78
(9,1355)	1:118:A:ASP:HA	1:121:A:VAL:HG11	16	0.78
(9,1355)	1:118:A:ASP:HA	1:121:A:VAL:HG12	16	0.78
(9,1355)	1:118:A:ASP:HA	1:121:A:VAL:HG13	16	0.78
(9,1055)	1:43:A:MET:HB2	1:140:A:LEU:HG	12	0.78
(9,857)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	5	0.78
(9,857)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	5	0.78
(9,649)	1:79:A:THR:H	1:80:A:TYR:HD1	1	0.78
(9,649)	1:79:A:THR:H	1:80:A:TYR:HD2	1	0.78
(9,634)	1:59:A:CYS:H	1:60:A:LEU:HB3	19	0.78
(9,486)	1:147:A:ARG:HD2	1:148:A:CYS:H	19	0.78
(9,486)	1:147:A:ARG:HD3	1:148:A:CYS:H	19	0.78
(9,478)	1:14:A:VAL:H	1:61:A:SER:HA	12	0.78
(9,408)	1:105:A:LYS:HG3	1:106:A:ASP:H	3	0.78
(9,118)	1:79:A:THR:H	1:80:A:TYR:H	7	0.78
(9,118)	1:79:A:THR:H	1:80:A:TYR:H	13	0.78
(7,2424)	1:134:A:VAL:HG11	1:137:A:SER:HB2	5	0.78
(7,2424)	1:134:A:VAL:HG11	1:137:A:SER:HB3	5	0.78
(7,2424)	1:134:A:VAL:HG12	1:137:A:SER:HB2	5	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2424)	1:134:A:VAL:HG12	1:137:A:SER:HB3	5	0.78
(7,2424)	1:134:A:VAL:HG13	1:137:A:SER:HB2	5	0.78
(7,2424)	1:134:A:VAL:HG13	1:137:A:SER:HB3	5	0.78
(7,2424)	1:134:A:VAL:HG21	1:137:A:SER:HB2	5	0.78
(7,2424)	1:134:A:VAL:HG21	1:137:A:SER:HB3	5	0.78
(7,2424)	1:134:A:VAL:HG22	1:137:A:SER:HB2	5	0.78
(7,2424)	1:134:A:VAL:HG22	1:137:A:SER:HB3	5	0.78
(7,2424)	1:134:A:VAL:HG23	1:137:A:SER:HB2	5	0.78
(7,2424)	1:134:A:VAL:HG23	1:137:A:SER:HB3	5	0.78
(7,2252)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	14	0.78
(7,2252)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	14	0.78
(7,2120)	1:43:A:MET:HE1	1:46:A:ASN:HB2	6	0.78
(7,2120)	1:43:A:MET:HE1	1:46:A:ASN:HB3	6	0.78
(7,2120)	1:43:A:MET:HE2	1:46:A:ASN:HB2	6	0.78
(7,2120)	1:43:A:MET:HE2	1:46:A:ASN:HB3	6	0.78
(7,2120)	1:43:A:MET:HE3	1:46:A:ASN:HB2	6	0.78
(7,2120)	1:43:A:MET:HE3	1:46:A:ASN:HB3	6	0.78
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD11	9	0.78
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD12	9	0.78
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD13	9	0.78
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD21	9	0.78
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD22	9	0.78
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD23	9	0.78
(7,2042)	1:35:A:LEU:HD11	1:38:A:GLU:H	6	0.78
(7,2042)	1:35:A:LEU:HD12	1:38:A:GLU:H	6	0.78
(7,2042)	1:35:A:LEU:HD13	1:38:A:GLU:H	6	0.78
(7,2042)	1:35:A:LEU:HD21	1:38:A:GLU:H	6	0.78
(7,2042)	1:35:A:LEU:HD22	1:38:A:GLU:H	6	0.78
(7,2042)	1:35:A:LEU:HD23	1:38:A:GLU:H	6	0.78
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD11	14	0.78
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD12	14	0.78
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD13	14	0.78
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD21	14	0.78
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD22	14	0.78
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD23	14	0.78
(7,1997)	1:23:A:LEU:HD11	1:27:A:ARG:HA	19	0.78
(7,1997)	1:23:A:LEU:HD12	1:27:A:ARG:HA	19	0.78
(7,1997)	1:23:A:LEU:HD13	1:27:A:ARG:HA	19	0.78
(7,1997)	1:23:A:LEU:HD21	1:27:A:ARG:HA	19	0.78
(7,1997)	1:23:A:LEU:HD22	1:27:A:ARG:HA	19	0.78
(7,1997)	1:23:A:LEU:HD23	1:27:A:ARG:HA	19	0.78
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD11	16	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD12	16	0.78
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD13	16	0.78
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD21	16	0.78
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD22	16	0.78
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD23	16	0.78
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD11	16	0.78
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD12	16	0.78
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD13	16	0.78
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD21	16	0.78
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD22	16	0.78
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD23	16	0.78
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	1	0.78
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	1	0.78
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	1	0.78
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD21	1	0.78
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD22	1	0.78
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD23	1	0.78
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	1	0.78
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	1	0.78
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	1	0.78
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD21	1	0.78
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD22	1	0.78
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD23	1	0.78
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	1	0.78
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	1	0.78
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	1	0.78
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD21	1	0.78
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD22	1	0.78
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD23	1	0.78
(7,1785)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	4	0.78
(7,1785)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	4	0.78
(7,1785)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	4	0.78
(7,1785)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	4	0.78
(7,1785)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	4	0.78
(7,1785)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	4	0.78
(7,1558)	1:98:A:ILE:HG21	1:116:A:GLN:H	3	0.78
(7,1558)	1:98:A:ILE:HG22	1:116:A:GLN:H	3	0.78
(7,1558)	1:98:A:ILE:HG23	1:116:A:GLN:H	3	0.78
(7,1555)	1:97:A:ASP:H	1:98:A:ILE:HD11	3	0.78
(7,1555)	1:97:A:ASP:H	1:98:A:ILE:HD12	3	0.78
(7,1555)	1:97:A:ASP:H	1:98:A:ILE:HD13	3	0.78
(7,1554)	1:101:A:ILE:HD11	1:112:A:GLN:HA	10	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1554)	1:101:A:ILE:HD12	1:112:A:GLN:HA	10	0.78
(7,1554)	1:101:A:ILE:HD13	1:112:A:GLN:HA	10	0.78
(7,1542)	1:11:A:ILE:HD11	1:14:A:VAL:H	15	0.78
(7,1542)	1:11:A:ILE:HD12	1:14:A:VAL:H	15	0.78
(7,1542)	1:11:A:ILE:HD13	1:14:A:VAL:H	15	0.78
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE1	8	0.78
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE2	8	0.78
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE3	8	0.78
(7,1276)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	1	0.78
(7,1276)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	1	0.78
(7,1276)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	1	0.78
(7,1276)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	1	0.78
(7,1276)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	1	0.78
(7,1276)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	1	0.78
(7,1154)	1:43:A:MET:HB2	1:140:A:LEU:HD21	4	0.78
(7,1154)	1:43:A:MET:HB2	1:140:A:LEU:HD22	4	0.78
(7,1154)	1:43:A:MET:HB2	1:140:A:LEU:HD23	4	0.78
(7,1036)	1:43:A:MET:HB2	1:140:A:LEU:HG	12	0.78
(7,952)	1:43:A:MET:HB2	1:140:A:LEU:HD11	19	0.78
(7,952)	1:43:A:MET:HB2	1:140:A:LEU:HD12	19	0.78
(7,952)	1:43:A:MET:HB2	1:140:A:LEU:HD13	19	0.78
(7,911)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	3	0.78
(7,911)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	3	0.78
(7,911)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	3	0.78
(7,911)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	3	0.78
(7,775)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	12	0.78
(7,775)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	12	0.78
(7,775)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	12	0.78
(7,496)	1:97:A:ASP:HB2	1:105:A:LYS:H	14	0.78
(7,496)	1:97:A:ASP:HB3	1:105:A:LYS:H	14	0.78
(7,471)	1:12:A:VAL:HG11	1:14:A:VAL:H	1	0.78
(7,471)	1:12:A:VAL:HG12	1:14:A:VAL:H	1	0.78
(7,471)	1:12:A:VAL:HG13	1:14:A:VAL:H	1	0.78
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG2	9	0.78
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG3	9	0.78
(6,2029)	1:17:A:ASN:HD21	1:79:A:THR:H	18	0.78
(6,2029)	1:17:A:ASN:HD22	1:79:A:THR:H	18	0.78
(6,1798)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	4	0.78
(6,1798)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	4	0.78
(6,1798)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	4	0.78
(6,1798)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	4	0.78
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	14	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	14	0.78
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	14	0.78
(6,1551)	1:38:A:GLU:HA	1:139:A:LEU:HD21	17	0.78
(6,1551)	1:38:A:GLU:HA	1:139:A:LEU:HD22	17	0.78
(6,1551)	1:38:A:GLU:HA	1:139:A:LEU:HD23	17	0.78
(6,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE1	16	0.78
(6,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE2	16	0.78
(6,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE3	16	0.78
(6,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE1	16	0.78
(6,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE2	16	0.78
(6,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE3	16	0.78
(6,1336)	1:105:A:LYS:HG2	1:106:A:ASP:HA	5	0.78
(6,1336)	1:105:A:LYS:HG2	1:106:A:ASP:HA	19	0.78
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	19	0.78
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	19	0.78
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	19	0.78
(6,868)	1:123:A:CYS:HB3	1:128:A:LEU:HD11	16	0.78
(6,868)	1:123:A:CYS:HB3	1:128:A:LEU:HD12	16	0.78
(6,868)	1:123:A:CYS:HB3	1:128:A:LEU:HD13	16	0.78
(6,630)	1:59:A:CYS:H	1:60:A:LEU:HB3	19	0.78
(6,491)	1:97:A:ASP:HB2	1:105:A:LYS:H	14	0.78
(6,491)	1:97:A:ASP:HB3	1:105:A:LYS:H	14	0.78
(6,394)	1:105:A:LYS:HG3	1:106:A:ASP:H	3	0.78
(6,307)	1:64:A:LYS:HD2	1:65:A:CYS:H	10	0.78
(6,307)	1:64:A:LYS:HD3	1:65:A:CYS:H	10	0.78
(6,11)	1:64:A:LYS:H	1:116:A:GLN:HG2	3	0.78
(5,2293)	1:98:A:ILE:H	1:104:A:PHE:HB2	3	0.78
(5,2293)	1:98:A:ILE:H	1:104:A:PHE:HB3	3	0.78
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD11	2	0.78
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD12	2	0.78
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD13	2	0.78
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD21	2	0.78
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD22	2	0.78
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD23	2	0.78
(5,2059)	1:35:A:LEU:HD11	1:38:A:GLU:H	6	0.78
(5,2059)	1:35:A:LEU:HD12	1:38:A:GLU:H	6	0.78
(5,2059)	1:35:A:LEU:HD13	1:38:A:GLU:H	6	0.78
(5,2059)	1:35:A:LEU:HD21	1:38:A:GLU:H	6	0.78
(5,2059)	1:35:A:LEU:HD22	1:38:A:GLU:H	6	0.78
(5,2059)	1:35:A:LEU:HD23	1:38:A:GLU:H	6	0.78
(5,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	13	0.78
(5,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	13	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	13	0.78
(5,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	13	0.78
(5,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	13	0.78
(5,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	13	0.78
(5,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	13	0.78
(5,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	13	0.78
(5,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	13	0.78
(5,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	13	0.78
(5,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	13	0.78
(5,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	13	0.78
(5,1933)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	19	0.78
(5,1933)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	19	0.78
(5,1933)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	19	0.78
(5,1933)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	19	0.78
(5,1933)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	19	0.78
(5,1933)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	19	0.78
(5,1921)	1:63:A:ILE:HB	1:113:A:PHE:HD1	17	0.78
(5,1921)	1:63:A:ILE:HB	1:113:A:PHE:HD2	17	0.78
(5,1752)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	5	0.78
(5,1752)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	5	0.78
(5,1752)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	5	0.78
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	14	0.78
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	14	0.78
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	14	0.78
(5,1623)	1:73:A:ILE:HG21	1:111:A:GLU:H	18	0.78
(5,1623)	1:73:A:ILE:HG22	1:111:A:GLU:H	18	0.78
(5,1623)	1:73:A:ILE:HG23	1:111:A:GLU:H	18	0.78
(5,1596)	1:97:A:ASP:H	1:98:A:ILE:HD11	3	0.78
(5,1596)	1:97:A:ASP:H	1:98:A:ILE:HD12	3	0.78
(5,1596)	1:97:A:ASP:H	1:98:A:ILE:HD13	3	0.78
(5,1583)	1:11:A:ILE:HD11	1:14:A:VAL:H	15	0.78
(5,1583)	1:11:A:ILE:HD12	1:14:A:VAL:H	15	0.78
(5,1583)	1:11:A:ILE:HD13	1:14:A:VAL:H	15	0.78
(5,1564)	1:38:A:GLU:HA	1:139:A:LEU:HD21	17	0.78
(5,1564)	1:38:A:GLU:HA	1:139:A:LEU:HD22	17	0.78
(5,1564)	1:38:A:GLU:HA	1:139:A:LEU:HD23	17	0.78
(5,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE1	16	0.78
(5,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE2	16	0.78
(5,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE3	16	0.78
(5,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE1	16	0.78
(5,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE2	16	0.78
(5,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE3	16	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1459)	1:31:A:PRO:HD3	1:144:A:LEU:HA	1	0.78
(5,1459)	1:31:A:PRO:HD3	1:144:A:LEU:HA	13	0.78
(5,1459)	1:31:A:PRO:HD3	1:144:A:LEU:HA	15	0.78
(5,1410)	1:16:A:SER:HA	1:19:A:ALA:HB1	6	0.78
(5,1410)	1:16:A:SER:HA	1:19:A:ALA:HB2	6	0.78
(5,1410)	1:16:A:SER:HA	1:19:A:ALA:HB3	6	0.78
(5,1271)	1:12:A:VAL:HG11	1:40:A:LEU:HA	8	0.78
(5,1271)	1:12:A:VAL:HG12	1:40:A:LEU:HA	8	0.78
(5,1271)	1:12:A:VAL:HG13	1:40:A:LEU:HA	8	0.78
(5,1075)	1:54:A:ARG:HA	1:58:A:ILE:HB	2	0.78
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD2	15	0.78
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD3	15	0.78
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG2	3	0.78
(5,934)	1:73:A:ILE:HD11	1:112:A:GLN:HG3	3	0.78
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG2	3	0.78
(5,934)	1:73:A:ILE:HD12	1:112:A:GLN:HG3	3	0.78
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG2	3	0.78
(5,934)	1:73:A:ILE:HD13	1:112:A:GLN:HG3	3	0.78
(5,630)	1:9:A:PHE:HE1	1:15:A:ALA:H	7	0.78
(5,630)	1:9:A:PHE:HE2	1:15:A:ALA:H	7	0.78
(5,620)	1:67:A:PRO:HD2	1:96:A:VAL:H	13	0.78
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD21	4	0.78
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD22	4	0.78
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD23	4	0.78
(5,367)	1:41:A:LYS:H	1:44:A:GLU:HG3	8	0.78
(5,229)	1:10:A:ASN:H	1:14:A:VAL:HG21	8	0.78
(5,229)	1:10:A:ASN:H	1:14:A:VAL:HG22	8	0.78
(5,229)	1:10:A:ASN:H	1:14:A:VAL:HG23	8	0.78
(5,228)	1:112:A:GLN:HG2	1:114:A:ILE:H	6	0.78
(5,228)	1:112:A:GLN:HG3	1:114:A:ILE:H	6	0.78
(4,2145)	1:43:A:MET:HE1	1:46:A:ASN:HB2	6	0.78
(4,2145)	1:43:A:MET:HE1	1:46:A:ASN:HB3	6	0.78
(4,2145)	1:43:A:MET:HE2	1:46:A:ASN:HB2	6	0.78
(4,2145)	1:43:A:MET:HE2	1:46:A:ASN:HB3	6	0.78
(4,2145)	1:43:A:MET:HE3	1:46:A:ASN:HB2	6	0.78
(4,2145)	1:43:A:MET:HE3	1:46:A:ASN:HB3	6	0.78
(4,2125)	1:40:A:LEU:HD11	1:44:A:GLU:H	17	0.78
(4,2125)	1:40:A:LEU:HD12	1:44:A:GLU:H	17	0.78
(4,2125)	1:40:A:LEU:HD13	1:44:A:GLU:H	17	0.78
(4,2125)	1:40:A:LEU:HD21	1:44:A:GLU:H	17	0.78
(4,2125)	1:40:A:LEU:HD22	1:44:A:GLU:H	17	0.78
(4,2125)	1:40:A:LEU:HD23	1:44:A:GLU:H	17	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1901)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	19	0.78
(4,1901)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	19	0.78
(4,1563)	1:97:A:ASP:H	1:98:A:ILE:HD11	3	0.78
(4,1563)	1:97:A:ASP:H	1:98:A:ILE:HD12	3	0.78
(4,1563)	1:97:A:ASP:H	1:98:A:ILE:HD13	3	0.78
(4,1545)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	14	0.78
(4,1545)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	14	0.78
(4,1545)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	14	0.78
(4,1535)	1:38:A:GLU:HA	1:139:A:LEU:HD21	17	0.78
(4,1535)	1:38:A:GLU:HA	1:139:A:LEU:HD22	17	0.78
(4,1535)	1:38:A:GLU:HA	1:139:A:LEU:HD23	17	0.78
(4,1372)	1:16:A:SER:HA	1:19:A:ALA:HB1	6	0.78
(4,1372)	1:16:A:SER:HA	1:19:A:ALA:HB2	6	0.78
(4,1372)	1:16:A:SER:HA	1:19:A:ALA:HB3	6	0.78
(4,1200)	1:34:A:LYS:H	1:81:A:GLU:HA	15	0.78
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD21	2	0.78
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD22	2	0.78
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD23	2	0.78
(4,859)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	5	0.78
(4,859)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	5	0.78
(4,644)	1:79:A:THR:H	1:80:A:TYR:HD1	1	0.78
(4,644)	1:79:A:THR:H	1:80:A:TYR:HD2	1	0.78
(4,610)	1:23:A:LEU:HD21	1:25:A:ALA:H	10	0.78
(4,610)	1:23:A:LEU:HD22	1:25:A:ALA:H	10	0.78
(4,610)	1:23:A:LEU:HD23	1:25:A:ALA:H	10	0.78
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD11	15	0.78
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD12	15	0.78
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD13	15	0.78
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD21	15	0.78
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD22	15	0.78
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD23	15	0.78
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	17	0.78
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	17	0.78
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	17	0.78
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	17	0.78
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	17	0.78
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	17	0.78
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD2	1	0.78
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD3	1	0.78
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD2	1	0.78
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD3	1	0.78
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD2	1	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD3	1	0.78
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	14	0.78
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	14	0.78
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	14	0.78
(3,1615)	1:97:A:ASP:H	1:98:A:ILE:HD11	3	0.78
(3,1615)	1:97:A:ASP:H	1:98:A:ILE:HD12	3	0.78
(3,1615)	1:97:A:ASP:H	1:98:A:ILE:HD13	3	0.78
(3,1463)	1:31:A:PRO:HD3	1:144:A:LEU:HA	1	0.78
(3,1463)	1:31:A:PRO:HD3	1:144:A:LEU:HA	13	0.78
(3,1463)	1:31:A:PRO:HD3	1:144:A:LEU:HA	15	0.78
(3,1459)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	3	0.78
(3,1459)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	3	0.78
(3,1459)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	3	0.78
(3,1415)	1:16:A:SER:HA	1:19:A:ALA:HB1	6	0.78
(3,1415)	1:16:A:SER:HA	1:19:A:ALA:HB2	6	0.78
(3,1415)	1:16:A:SER:HA	1:19:A:ALA:HB3	6	0.78
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG11	18	0.78
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG12	18	0.78
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG13	18	0.78
(3,887)	1:21:A:THR:HG21	1:24:A:ASP:HB2	13	0.78
(3,887)	1:21:A:THR:HG21	1:24:A:ASP:HB3	13	0.78
(3,887)	1:21:A:THR:HG22	1:24:A:ASP:HB2	13	0.78
(3,887)	1:21:A:THR:HG22	1:24:A:ASP:HB3	13	0.78
(3,887)	1:21:A:THR:HG23	1:24:A:ASP:HB2	13	0.78
(3,887)	1:21:A:THR:HG23	1:24:A:ASP:HB3	13	0.78
(3,729)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	11	0.78
(3,729)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	11	0.78
(3,729)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	11	0.78
(3,659)	1:79:A:THR:H	1:80:A:TYR:HD1	1	0.78
(3,659)	1:79:A:THR:H	1:80:A:TYR:HD2	1	0.78
(3,381)	1:40:A:LEU:HD11	1:41:A:LYS:H	7	0.78
(3,381)	1:40:A:LEU:HD12	1:41:A:LYS:H	7	0.78
(3,381)	1:40:A:LEU:HD13	1:41:A:LYS:H	7	0.78
(3,381)	1:40:A:LEU:HD11	1:41:A:LYS:H	16	0.78
(3,381)	1:40:A:LEU:HD12	1:41:A:LYS:H	16	0.78
(3,381)	1:40:A:LEU:HD13	1:41:A:LYS:H	16	0.78
(3,152)	1:67:A:PRO:HD3	1:95:A:ILE:H	14	0.78
(3,118)	1:79:A:THR:H	1:80:A:TYR:H	7	0.78
(3,118)	1:79:A:THR:H	1:80:A:TYR:H	13	0.78
(2,2077)	1:31:A:PRO:HD2	1:143:A:TRP:HA	6	0.78
(2,2077)	1:31:A:PRO:HD3	1:143:A:TRP:HA	6	0.78
(2,2076)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	14	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2076)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	14	0.78
(2,2076)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	14	0.78
(2,2076)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	14	0.78
(2,1956)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	19	0.78
(2,1956)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	19	0.78
(2,1809)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	6	0.78
(2,1809)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	6	0.78
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG21	19	0.78
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG22	19	0.78
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG23	19	0.78
(2,1596)	1:97:A:ASP:H	1:98:A:ILE:HD11	3	0.78
(2,1596)	1:97:A:ASP:H	1:98:A:ILE:HD12	3	0.78
(2,1596)	1:97:A:ASP:H	1:98:A:ILE:HD13	3	0.78
(2,1535)	1:76:A:ARG:HG2	1:110:A:MET:HE1	16	0.78
(2,1535)	1:76:A:ARG:HG2	1:110:A:MET:HE2	16	0.78
(2,1535)	1:76:A:ARG:HG2	1:110:A:MET:HE3	16	0.78
(2,1535)	1:76:A:ARG:HG3	1:110:A:MET:HE1	16	0.78
(2,1535)	1:76:A:ARG:HG3	1:110:A:MET:HE2	16	0.78
(2,1535)	1:76:A:ARG:HG3	1:110:A:MET:HE3	16	0.78
(2,1504)	1:12:A:VAL:H	1:43:A:MET:HE1	11	0.78
(2,1504)	1:12:A:VAL:H	1:43:A:MET:HE2	11	0.78
(2,1504)	1:12:A:VAL:H	1:43:A:MET:HE3	11	0.78
(2,1394)	1:16:A:SER:HA	1:19:A:ALA:HB1	6	0.78
(2,1394)	1:16:A:SER:HA	1:19:A:ALA:HB2	6	0.78
(2,1394)	1:16:A:SER:HA	1:19:A:ALA:HB3	6	0.78
(2,1145)	1:13:A:ALA:HB1	1:80:A:TYR:HA	2	0.78
(2,1145)	1:13:A:ALA:HB2	1:80:A:TYR:HA	2	0.78
(2,1145)	1:13:A:ALA:HB3	1:80:A:TYR:HA	2	0.78
(2,1116)	1:40:A:LEU:HA	1:43:A:MET:HG3	15	0.78
(2,622)	1:40:A:LEU:H	1:43:A:MET:HG3	19	0.78
(2,617)	1:23:A:LEU:HD21	1:25:A:ALA:H	10	0.78
(2,617)	1:23:A:LEU:HD22	1:25:A:ALA:H	10	0.78
(2,617)	1:23:A:LEU:HD23	1:25:A:ALA:H	10	0.78
(2,424)	1:39:A:VAL:HG21	1:143:A:TRP:H	4	0.78
(2,424)	1:39:A:VAL:HG22	1:143:A:TRP:H	4	0.78
(2,424)	1:39:A:VAL:HG23	1:143:A:TRP:H	4	0.78
(2,308)	1:64:A:LYS:HD2	1:65:A:CYS:H	10	0.78
(2,308)	1:64:A:LYS:HD3	1:65:A:CYS:H	10	0.78
(1,2403)	1:134:A:VAL:HG11	1:137:A:SER:HB2	5	0.78
(1,2403)	1:134:A:VAL:HG11	1:137:A:SER:HB3	5	0.78
(1,2403)	1:134:A:VAL:HG12	1:137:A:SER:HB2	5	0.78
(1,2403)	1:134:A:VAL:HG12	1:137:A:SER:HB3	5	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2403)	1:134:A:VAL:HG13	1:137:A:SER:HB2	5	0.78
(1,2403)	1:134:A:VAL:HG13	1:137:A:SER:HB3	5	0.78
(1,2403)	1:134:A:VAL:HG21	1:137:A:SER:HB2	5	0.78
(1,2403)	1:134:A:VAL:HG21	1:137:A:SER:HB3	5	0.78
(1,2403)	1:134:A:VAL:HG22	1:137:A:SER:HB2	5	0.78
(1,2403)	1:134:A:VAL:HG22	1:137:A:SER:HB3	5	0.78
(1,2403)	1:134:A:VAL:HG23	1:137:A:SER:HB2	5	0.78
(1,2403)	1:134:A:VAL:HG23	1:137:A:SER:HB3	5	0.78
(1,2364)	1:124:A:THR:H	1:127:A:CYS:HB2	2	0.78
(1,2364)	1:124:A:THR:H	1:127:A:CYS:HB3	2	0.78
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	7	0.78
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	7	0.78
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	7	0.78
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	7	0.78
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	7	0.78
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	7	0.78
(1,2125)	1:40:A:LEU:HD11	1:44:A:GLU:H	17	0.78
(1,2125)	1:40:A:LEU:HD12	1:44:A:GLU:H	17	0.78
(1,2125)	1:40:A:LEU:HD13	1:44:A:GLU:H	17	0.78
(1,2125)	1:40:A:LEU:HD21	1:44:A:GLU:H	17	0.78
(1,2125)	1:40:A:LEU:HD22	1:44:A:GLU:H	17	0.78
(1,2125)	1:40:A:LEU:HD23	1:44:A:GLU:H	17	0.78
(1,2028)	1:23:A:LEU:HD11	1:27:A:ARG:HA	4	0.78
(1,2028)	1:23:A:LEU:HD12	1:27:A:ARG:HA	4	0.78
(1,2028)	1:23:A:LEU:HD13	1:27:A:ARG:HA	4	0.78
(1,2028)	1:23:A:LEU:HD21	1:27:A:ARG:HA	4	0.78
(1,2028)	1:23:A:LEU:HD22	1:27:A:ARG:HA	4	0.78
(1,2028)	1:23:A:LEU:HD23	1:27:A:ARG:HA	4	0.78
(1,2008)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	0.78
(1,2008)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	0.78
(1,2008)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	0.78
(1,2008)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	0.78
(1,2008)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	0.78
(1,2008)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	0.78
(1,2008)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	0.78
(1,2008)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	0.78
(1,2008)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	0.78
(1,2008)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	0.78
(1,2008)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	0.78
(1,2008)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	0.78
(1,1909)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	1	0.78
(1,1909)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	1	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1909)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	1	0.78
(1,1909)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	1	0.78
(1,1909)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	1	0.78
(1,1909)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	1	0.78
(1,1753)	1:31:A:PRO:HB2	1:35:A:LEU:HA	2	0.78
(1,1753)	1:31:A:PRO:HB3	1:35:A:LEU:HA	2	0.78
(1,1678)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	17	0.78
(1,1678)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	17	0.78
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	10	0.78
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	10	0.78
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	10	0.78
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	10	0.78
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	10	0.78
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	10	0.78
(1,1580)	1:11:A:ILE:HD11	1:14:A:VAL:H	15	0.78
(1,1580)	1:11:A:ILE:HD12	1:14:A:VAL:H	15	0.78
(1,1580)	1:11:A:ILE:HD13	1:14:A:VAL:H	15	0.78
(1,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD21	17	0.78
(1,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD22	17	0.78
(1,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD23	17	0.78
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	8	0.78
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	8	0.78
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	8	0.78
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	4	0.78
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	4	0.78
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	4	0.78
(1,1264)	1:12:A:VAL:HG11	1:40:A:LEU:HA	8	0.78
(1,1264)	1:12:A:VAL:HG12	1:40:A:LEU:HA	8	0.78
(1,1264)	1:12:A:VAL:HG13	1:40:A:LEU:HA	8	0.78
(1,1211)	1:41:A:LYS:HG3	1:44:A:GLU:HG3	10	0.78
(1,1136)	1:40:A:LEU:HA	1:43:A:MET:HG3	15	0.78
(1,888)	1:21:A:THR:HG21	1:24:A:ASP:HB2	13	0.78
(1,888)	1:21:A:THR:HG21	1:24:A:ASP:HB3	13	0.78
(1,888)	1:21:A:THR:HG22	1:24:A:ASP:HB2	13	0.78
(1,888)	1:21:A:THR:HG22	1:24:A:ASP:HB3	13	0.78
(1,888)	1:21:A:THR:HG23	1:24:A:ASP:HB2	13	0.78
(1,888)	1:21:A:THR:HG23	1:24:A:ASP:HB3	13	0.78
(1,660)	1:79:A:THR:H	1:80:A:TYR:HD1	1	0.78
(1,660)	1:79:A:THR:H	1:80:A:TYR:HD2	1	0.78
(1,498)	1:97:A:ASP:HB2	1:105:A:LYS:H	14	0.78
(1,498)	1:97:A:ASP:HB3	1:105:A:LYS:H	14	0.78
(1,472)	1:12:A:VAL:HG11	1:14:A:VAL:H	7	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,472)	1:12:A:VAL:HG12	1:14:A:VAL:H	7	0.78
(1,472)	1:12:A:VAL:HG13	1:14:A:VAL:H	7	0.78
(1,314)	1:64:A:LYS:HD2	1:65:A:CYS:H	10	0.78
(1,314)	1:64:A:LYS:HD3	1:65:A:CYS:H	10	0.78
(34,2450)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	12	0.77
(34,2450)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	12	0.77
(34,2450)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	12	0.77
(34,2450)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	12	0.77
(34,2450)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	12	0.77
(34,2450)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	12	0.77
(34,2450)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	12	0.77
(34,2450)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	12	0.77
(34,2450)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	12	0.77
(34,2450)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	12	0.77
(34,2450)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	12	0.77
(34,2450)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	12	0.77
(34,2439)	1:131:A:LEU:HD11	1:134:A:VAL:HB	3	0.77
(34,2439)	1:131:A:LEU:HD12	1:134:A:VAL:HB	3	0.77
(34,2439)	1:131:A:LEU:HD13	1:134:A:VAL:HB	3	0.77
(34,2439)	1:131:A:LEU:HD21	1:134:A:VAL:HB	3	0.77
(34,2439)	1:131:A:LEU:HD22	1:134:A:VAL:HB	3	0.77
(34,2439)	1:131:A:LEU:HD23	1:134:A:VAL:HB	3	0.77
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	3	0.77
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	3	0.77
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	3	0.77
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	3	0.77
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	3	0.77
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	3	0.77
(34,1952)	1:10:A:ASN:HD21	1:12:A:VAL:HG11	19	0.77
(34,1952)	1:10:A:ASN:HD21	1:12:A:VAL:HG12	19	0.77
(34,1952)	1:10:A:ASN:HD21	1:12:A:VAL:HG13	19	0.77
(34,1952)	1:10:A:ASN:HD21	1:12:A:VAL:HG21	19	0.77
(34,1952)	1:10:A:ASN:HD21	1:12:A:VAL:HG22	19	0.77
(34,1952)	1:10:A:ASN:HD21	1:12:A:VAL:HG23	19	0.77
(34,1917)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	5	0.77
(34,1917)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	5	0.77
(34,1859)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	19	0.77
(34,1859)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	19	0.77
(34,1859)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	19	0.77
(34,1859)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	19	0.77
(34,1859)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	19	0.77
(34,1859)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	19	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG21	15	0.77
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG22	15	0.77
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG23	15	0.77
(34,1379)	1:118:A:ASP:HA	1:121:A:VAL:HG11	16	0.77
(34,1379)	1:118:A:ASP:HA	1:121:A:VAL:HG12	16	0.77
(34,1379)	1:118:A:ASP:HA	1:121:A:VAL:HG13	16	0.77
(34,1250)	1:105:A:LYS:HG2	1:106:A:ASP:HA	9	0.77
(34,1199)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	17	0.77
(34,1199)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	17	0.77
(34,1199)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	17	0.77
(34,1199)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	17	0.77
(34,1199)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	17	0.77
(34,1199)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	17	0.77
(34,1121)	1:68:A:LYS:HA	1:72:A:PHE:HD1	11	0.77
(34,1121)	1:68:A:LYS:HA	1:72:A:PHE:HD2	11	0.77
(34,974)	1:39:A:VAL:HA	1:43:A:MET:HG3	1	0.77
(34,974)	1:39:A:VAL:HA	1:43:A:MET:HG3	6	0.77
(34,961)	1:14:A:VAL:HA	1:18:A:PHE:HD1	6	0.77
(34,961)	1:14:A:VAL:HA	1:18:A:PHE:HD2	6	0.77
(34,958)	1:69:A:MET:HG2	1:109:A:PRO:HA	18	0.77
(34,947)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	4	0.77
(34,947)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	4	0.77
(34,947)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	4	0.77
(34,947)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	4	0.77
(34,867)	1:39:A:VAL:H	1:139:A:LEU:HB2	13	0.77
(34,867)	1:39:A:VAL:H	1:139:A:LEU:HB3	13	0.77
(34,835)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	6	0.77
(34,835)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	6	0.77
(34,835)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	6	0.77
(34,835)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	6	0.77
(34,835)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	6	0.77
(34,835)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	6	0.77
(34,817)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.77
(34,817)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.77
(34,817)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.77
(34,643)	1:59:A:CYS:H	1:60:A:LEU:HB3	11	0.77
(34,467)	1:18:A:PHE:H	1:113:A:PHE:HE1	1	0.77
(34,467)	1:18:A:PHE:H	1:113:A:PHE:HE2	1	0.77
(34,330)	1:44:A:GLU:HG2	1:46:A:ASN:H	13	0.77
(33,2439)	1:131:A:LEU:HD11	1:134:A:VAL:HB	3	0.77
(33,2439)	1:131:A:LEU:HD12	1:134:A:VAL:HB	3	0.77
(33,2439)	1:131:A:LEU:HD13	1:134:A:VAL:HB	3	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2439)	1:131:A:LEU:HD21	1:134:A:VAL:HB	3	0.77
(33,2439)	1:131:A:LEU:HD22	1:134:A:VAL:HB	3	0.77
(33,2439)	1:131:A:LEU:HD23	1:134:A:VAL:HB	3	0.77
(33,2167)	1:46:A:ASN:HD21	1:134:A:VAL:HA	7	0.77
(33,2167)	1:46:A:ASN:HD22	1:134:A:VAL:HA	7	0.77
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD11	6	0.77
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD12	6	0.77
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD13	6	0.77
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD21	6	0.77
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD22	6	0.77
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD23	6	0.77
(33,2136)	1:40:A:LEU:HD11	1:44:A:GLU:H	17	0.77
(33,2136)	1:40:A:LEU:HD12	1:44:A:GLU:H	17	0.77
(33,2136)	1:40:A:LEU:HD13	1:44:A:GLU:H	17	0.77
(33,2136)	1:40:A:LEU:HD21	1:44:A:GLU:H	17	0.77
(33,2136)	1:40:A:LEU:HD22	1:44:A:GLU:H	17	0.77
(33,2136)	1:40:A:LEU:HD23	1:44:A:GLU:H	17	0.77
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD11	13	0.77
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD12	13	0.77
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD13	13	0.77
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD21	13	0.77
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD22	13	0.77
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD23	13	0.77
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	8	0.77
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	8	0.77
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	8	0.77
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	8	0.77
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	8	0.77
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	8	0.77
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	8	0.77
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	8	0.77
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	8	0.77
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	8	0.77
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	8	0.77
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	8	0.77
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE1	8	0.77
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE2	8	0.77
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE3	8	0.77
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE1	8	0.77
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE2	8	0.77
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE3	8	0.77
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG11	6	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG12	6	0.77
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG13	6	0.77
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG21	6	0.77
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG22	6	0.77
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG23	6	0.77
(33,1967)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	3	0.77
(33,1967)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	3	0.77
(33,1967)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	3	0.77
(33,1967)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	3	0.77
(33,1967)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	3	0.77
(33,1967)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	3	0.77
(33,1967)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	3	0.77
(33,1967)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	3	0.77
(33,1967)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	3	0.77
(33,1967)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	3	0.77
(33,1967)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	3	0.77
(33,1967)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	3	0.77
(33,1967)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	11	0.77
(33,1967)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	11	0.77
(33,1967)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	11	0.77
(33,1967)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	11	0.77
(33,1967)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	11	0.77
(33,1967)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	11	0.77
(33,1967)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	11	0.77
(33,1967)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	11	0.77
(33,1967)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	11	0.77
(33,1967)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	11	0.77
(33,1967)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	11	0.77
(33,1967)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	11	0.77
(33,1913)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	3	0.77
(33,1913)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	14	0.77
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	10	0.77
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	10	0.77
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	10	0.77
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	10	0.77
(33,1784)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	12	0.77
(33,1784)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	12	0.77
(33,1784)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	12	0.77
(33,1784)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	12	0.77
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB1	3	0.77
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB2	3	0.77
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB3	3	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB1	11	0.77
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB2	11	0.77
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB3	11	0.77
(33,934)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	4	0.77
(33,934)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	4	0.77
(33,934)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	4	0.77
(33,934)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	4	0.77
(33,835)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	6	0.77
(33,835)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	6	0.77
(33,835)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	6	0.77
(33,835)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	6	0.77
(33,835)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	6	0.77
(33,835)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	6	0.77
(33,813)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.77
(33,813)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.77
(33,813)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.77
(33,374)	1:41:A:LYS:H	1:44:A:GLU:HB2	6	0.77
(33,374)	1:41:A:LYS:H	1:44:A:GLU:HB3	6	0.77
(33,322)	1:44:A:GLU:HG2	1:46:A:ASN:H	13	0.77
(33,148)	1:131:A:LEU:H	1:131:A:LEU:HG	4	0.77
(32,1938)	1:12:A:VAL:HG11	1:43:A:MET:HB2	5	0.77
(32,1938)	1:12:A:VAL:HG12	1:43:A:MET:HB2	5	0.77
(32,1938)	1:12:A:VAL:HG13	1:43:A:MET:HB2	5	0.77
(32,1938)	1:12:A:VAL:HG21	1:43:A:MET:HB2	5	0.77
(32,1938)	1:12:A:VAL:HG22	1:43:A:MET:HB2	5	0.77
(32,1938)	1:12:A:VAL:HG23	1:43:A:MET:HB2	5	0.77
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	18	0.77
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	18	0.77
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	18	0.77
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	18	0.77
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	18	0.77
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	18	0.77
(32,1525)	1:11:A:ILE:HD11	1:43:A:MET:H	15	0.77
(32,1525)	1:11:A:ILE:HD12	1:43:A:MET:H	15	0.77
(32,1525)	1:11:A:ILE:HD13	1:43:A:MET:H	15	0.77
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD11	6	0.77
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD12	6	0.77
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD13	6	0.77
(32,925)	1:39:A:VAL:HA	1:43:A:MET:HG3	1	0.77
(32,925)	1:39:A:VAL:HA	1:43:A:MET:HG3	6	0.77
(32,812)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	6	0.77
(32,812)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	6	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,812)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	6	0.77
(32,812)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	6	0.77
(32,812)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	6	0.77
(32,812)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	6	0.77
(32,548)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	17	0.77
(32,548)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	17	0.77
(32,548)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	17	0.77
(32,446)	1:18:A:PHE:H	1:113:A:PHE:HE1	1	0.77
(32,446)	1:18:A:PHE:H	1:113:A:PHE:HE2	1	0.77
(32,192)	1:101:A:ILE:H	1:104:A:PHE:HD1	13	0.77
(32,192)	1:101:A:ILE:H	1:104:A:PHE:HD2	13	0.77
(32,146)	1:131:A:LEU:H	1:131:A:LEU:HG	4	0.77
(30,2181)	1:46:A:ASN:HD21	1:134:A:VAL:HA	7	0.77
(30,2181)	1:46:A:ASN:HD22	1:134:A:VAL:HA	7	0.77
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD11	16	0.77
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD12	16	0.77
(30,2166)	1:43:A:MET:HG2	1:144:A:LEU:HD13	16	0.77
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD11	16	0.77
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD12	16	0.77
(30,2166)	1:43:A:MET:HG3	1:144:A:LEU:HD13	16	0.77
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE1	19	0.77
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE2	19	0.77
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE1	19	0.77
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE2	19	0.77
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	13	0.77
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	13	0.77
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	13	0.77
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	13	0.77
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	13	0.77
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	13	0.77
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	13	0.77
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	13	0.77
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	13	0.77
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	13	0.77
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	13	0.77
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	13	0.77
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	13	0.77
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	13	0.77
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	13	0.77
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	13	0.77
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	13	0.77
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	13	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1844)	1:13:A:ALA:HA	1:80:A:TYR:HE1	17	0.77
(30,1844)	1:13:A:ALA:HA	1:80:A:TYR:HE2	17	0.77
(30,1444)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	6	0.77
(30,1444)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	6	0.77
(30,827)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	6	0.77
(30,827)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	6	0.77
(30,827)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	6	0.77
(30,827)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	6	0.77
(30,827)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	6	0.77
(30,827)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	6	0.77
(30,806)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.77
(30,806)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.77
(30,806)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.77
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	14	0.77
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	14	0.77
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	14	0.77
(30,560)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	17	0.77
(30,560)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	17	0.77
(30,560)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	17	0.77
(30,461)	1:18:A:PHE:H	1:113:A:PHE:HE1	1	0.77
(30,461)	1:18:A:PHE:H	1:113:A:PHE:HE2	1	0.77
(30,323)	1:44:A:GLU:HG2	1:46:A:ASN:H	13	0.77
(30,232)	1:44:A:GLU:HG3	1:48:A:ARG:H	17	0.77
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	1	0.77
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	1	0.77
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	1	0.77
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	1	0.77
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	1	0.77
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	1	0.77
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	12	0.77
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	12	0.77
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	12	0.77
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	12	0.77
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	12	0.77
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	12	0.77
(29,2035)	1:17:A:ASN:HB2	1:76:A:ARG:HA	14	0.77
(29,2035)	1:17:A:ASN:HB3	1:76:A:ARG:HA	14	0.77
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	13	0.77
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	13	0.77
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	13	0.77
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	13	0.77
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	13	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	13	0.77
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	13	0.77
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	13	0.77
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	13	0.77
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	13	0.77
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	13	0.77
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	13	0.77
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	13	0.77
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	13	0.77
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	13	0.77
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	13	0.77
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	13	0.77
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	13	0.77
(29,1990)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	3	0.77
(29,1990)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	3	0.77
(29,1990)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	3	0.77
(29,1990)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	3	0.77
(29,1990)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	3	0.77
(29,1990)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	3	0.77
(29,1990)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	3	0.77
(29,1990)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	3	0.77
(29,1990)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	3	0.77
(29,1990)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	3	0.77
(29,1990)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	3	0.77
(29,1990)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	3	0.77
(29,1990)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	3	0.77
(29,1990)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	3	0.77
(29,1990)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	3	0.77
(29,1990)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	3	0.77
(29,1990)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	3	0.77
(29,1990)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	3	0.77
(29,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HB	4	0.77
(29,1978)	1:11:A:ILE:HG13	1:14:A:VAL:HB	4	0.77
(29,1965)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	6	0.77
(29,1965)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	6	0.77
(29,1965)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	6	0.77
(29,1965)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	6	0.77
(29,1807)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	12	0.77
(29,1807)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	12	0.77
(29,1807)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	12	0.77
(29,1807)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	12	0.77
(29,1713)	1:52:A:CYS:HA	1:124:A:THR:HB	4	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1688)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	17	0.77
(29,1688)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	17	0.77
(29,1479)	1:45:A:ALA:HB1	1:49:A:LYS:HE2	7	0.77
(29,1479)	1:45:A:ALA:HB1	1:49:A:LYS:HE3	7	0.77
(29,1479)	1:45:A:ALA:HB2	1:49:A:LYS:HE2	7	0.77
(29,1479)	1:45:A:ALA:HB2	1:49:A:LYS:HE3	7	0.77
(29,1479)	1:45:A:ALA:HB3	1:49:A:LYS:HE2	7	0.77
(29,1479)	1:45:A:ALA:HB3	1:49:A:LYS:HE3	7	0.77
(29,1400)	1:19:A:ALA:HB1	1:21:A:THR:HG21	6	0.77
(29,1400)	1:19:A:ALA:HB1	1:21:A:THR:HG22	6	0.77
(29,1400)	1:19:A:ALA:HB1	1:21:A:THR:HG23	6	0.77
(29,1400)	1:19:A:ALA:HB2	1:21:A:THR:HG21	6	0.77
(29,1400)	1:19:A:ALA:HB2	1:21:A:THR:HG22	6	0.77
(29,1400)	1:19:A:ALA:HB2	1:21:A:THR:HG23	6	0.77
(29,1400)	1:19:A:ALA:HB3	1:21:A:THR:HG21	6	0.77
(29,1400)	1:19:A:ALA:HB3	1:21:A:THR:HG22	6	0.77
(29,1400)	1:19:A:ALA:HB3	1:21:A:THR:HG23	6	0.77
(29,970)	1:15:A:ALA:HB1	1:43:A:MET:HB2	3	0.77
(29,970)	1:15:A:ALA:HB2	1:43:A:MET:HB2	3	0.77
(29,970)	1:15:A:ALA:HB3	1:43:A:MET:HB2	3	0.77
(29,970)	1:15:A:ALA:HB1	1:43:A:MET:HB2	15	0.77
(29,970)	1:15:A:ALA:HB2	1:43:A:MET:HB2	15	0.77
(29,970)	1:15:A:ALA:HB3	1:43:A:MET:HB2	15	0.77
(29,843)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	6	0.77
(29,843)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	6	0.77
(29,843)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	6	0.77
(29,843)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	6	0.77
(29,843)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	6	0.77
(29,843)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	6	0.77
(29,825)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.77
(29,825)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.77
(29,825)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.77
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	14	0.77
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	14	0.77
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	14	0.77
(29,563)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	17	0.77
(29,563)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	17	0.77
(29,563)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	17	0.77
(29,464)	1:18:A:PHE:H	1:113:A:PHE:HE1	1	0.77
(29,464)	1:18:A:PHE:H	1:113:A:PHE:HE2	1	0.77
(29,321)	1:44:A:GLU:HG2	1:46:A:ASN:H	13	0.77
(29,206)	1:101:A:ILE:H	1:104:A:PHE:HD1	13	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,206)	1:101:A:ILE:H	1:104:A:PHE:HD2	13	0.77
(23,13)	1:114:A:ILE:N	1:110:A:MET:O	15	0.77
(23,12)	1:113:A:PHE:N	1:109:A:PRO:O	16	0.77
(22,42)	1:129:A:LYS:N	1:125:A:THR:C	13	0.77
(22,42)	1:129:A:LYS:N	1:125:A:THR:C	16	0.77
(22,41)	1:129:A:LYS:H	1:125:A:THR:C	1	0.77
(22,41)	1:129:A:LYS:H	1:125:A:THR:C	6	0.77
(22,41)	1:129:A:LYS:H	1:125:A:THR:C	11	0.77
(22,41)	1:129:A:LYS:H	1:125:A:THR:C	12	0.77
(22,39)	1:128:A:LEU:H	1:124:A:THR:C	18	0.77
(22,38)	1:120:A:CYS:N	1:116:A:GLN:C	12	0.77
(22,32)	1:117:A:VAL:N	1:113:A:PHE:C	18	0.77
(22,29)	1:116:A:GLN:H	1:112:A:GLN:C	2	0.77
(22,26)	1:114:A:ILE:N	1:110:A:MET:C	16	0.77
(22,14)	1:60:A:LEU:N	1:56:A:CYS:C	7	0.77
(22,13)	1:60:A:LEU:H	1:56:A:CYS:C	16	0.77
(22,9)	1:58:A:ILE:H	1:54:A:ARG:C	5	0.77
(22,1)	1:17:A:ASN:H	1:13:A:ALA:C	6	0.77
(22,1)	1:17:A:ASN:H	1:13:A:ALA:C	8	0.77
(19,16)	1:52:A:CYS:SG	1:56:A:CYS:CB	13	0.77
(18,2417)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	12	0.77
(18,2417)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	12	0.77
(18,2417)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	12	0.77
(18,2417)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	12	0.77
(18,2417)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	12	0.77
(18,2417)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	12	0.77
(18,2417)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	12	0.77
(18,2417)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	12	0.77
(18,2417)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	12	0.77
(18,2417)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	12	0.77
(18,2417)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	12	0.77
(18,2417)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	12	0.77
(18,2226)	1:60:A:LEU:HD11	1:123:A:CYS:H	7	0.77
(18,2226)	1:60:A:LEU:HD12	1:123:A:CYS:H	7	0.77
(18,2226)	1:60:A:LEU:HD13	1:123:A:CYS:H	7	0.77
(18,2226)	1:60:A:LEU:HD21	1:123:A:CYS:H	7	0.77
(18,2226)	1:60:A:LEU:HD22	1:123:A:CYS:H	7	0.77
(18,2226)	1:60:A:LEU:HD23	1:123:A:CYS:H	7	0.77
(18,2169)	1:46:A:ASN:HD21	1:134:A:VAL:HA	7	0.77
(18,2169)	1:46:A:ASN:HD22	1:134:A:VAL:HA	7	0.77
(18,1767)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	12	0.77
(18,1767)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	12	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1767)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	12	0.77
(18,1767)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	12	0.77
(18,1682)	1:43:A:MET:HE1	1:131:A:LEU:HA	17	0.77
(18,1682)	1:43:A:MET:HE2	1:131:A:LEU:HA	17	0.77
(18,1682)	1:43:A:MET:HE3	1:131:A:LEU:HA	17	0.77
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	4	0.77
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	4	0.77
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	4	0.77
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	4	0.77
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	4	0.77
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	4	0.77
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	4	0.77
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	4	0.77
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	4	0.77
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	13	0.77
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	13	0.77
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	13	0.77
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	13	0.77
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	13	0.77
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	13	0.77
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	13	0.77
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	13	0.77
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	13	0.77
(18,822)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.77
(18,822)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.77
(18,822)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.77
(18,576)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	17	0.77
(18,576)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	17	0.77
(18,576)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	17	0.77
(18,207)	1:101:A:ILE:H	1:104:A:PHE:HD1	13	0.77
(18,207)	1:101:A:ILE:H	1:104:A:PHE:HD2	13	0.77
(18,107)	1:69:A:MET:H	1:69:A:MET:HE1	4	0.77
(18,107)	1:69:A:MET:H	1:69:A:MET:HE2	4	0.77
(18,107)	1:69:A:MET:H	1:69:A:MET:HE3	4	0.77
(18,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	1	0.77
(17,2395)	1:124:A:THR:H	1:127:A:CYS:HB2	2	0.77
(17,2395)	1:124:A:THR:H	1:127:A:CYS:HB3	2	0.77
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	8	0.77
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	8	0.77
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	8	0.77
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	8	0.77
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	8	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	8	0.77
(17,2027)	1:17:A:ASN:HB2	1:76:A:ARG:HA	14	0.77
(17,2027)	1:17:A:ASN:HB3	1:76:A:ARG:HA	14	0.77
(17,1929)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	3	0.77
(17,1929)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	14	0.77
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	1	0.77
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	1	0.77
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	1	0.77
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	1	0.77
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	1	0.77
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	1	0.77
(17,1800)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	12	0.77
(17,1800)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	12	0.77
(17,1800)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	12	0.77
(17,1800)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	12	0.77
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	7	0.77
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	7	0.77
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	7	0.77
(17,1493)	1:45:A:ALA:HB1	1:49:A:LYS:HE2	7	0.77
(17,1493)	1:45:A:ALA:HB1	1:49:A:LYS:HE3	7	0.77
(17,1493)	1:45:A:ALA:HB2	1:49:A:LYS:HE2	7	0.77
(17,1493)	1:45:A:ALA:HB2	1:49:A:LYS:HE3	7	0.77
(17,1493)	1:45:A:ALA:HB3	1:49:A:LYS:HE2	7	0.77
(17,1493)	1:45:A:ALA:HB3	1:49:A:LYS:HE3	7	0.77
(17,1100)	1:68:A:LYS:HA	1:72:A:PHE:HD1	11	0.77
(17,1100)	1:68:A:LYS:HA	1:72:A:PHE:HD2	11	0.77
(17,1026)	1:113:A:PHE:HA	1:116:A:GLN:HG3	12	0.77
(17,931)	1:125:A:THR:HB	1:128:A:LEU:HG	19	0.77
(17,842)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	3	0.77
(17,842)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	3	0.77
(17,842)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	3	0.77
(17,842)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	3	0.77
(17,842)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	3	0.77
(17,842)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	3	0.77
(17,838)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	6	0.77
(17,838)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	6	0.77
(17,838)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	6	0.77
(17,838)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	6	0.77
(17,838)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	6	0.77
(17,838)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	6	0.77
(17,819)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.77
(17,819)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,819)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.77
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	10	0.77
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	10	0.77
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	10	0.77
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	10	0.77
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	10	0.77
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	10	0.77
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	14	0.77
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	14	0.77
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	14	0.77
(17,577)	1:126:A:GLY:H	1:128:A:LEU:HG	15	0.77
(17,454)	1:18:A:PHE:H	1:113:A:PHE:HE1	1	0.77
(17,454)	1:18:A:PHE:H	1:113:A:PHE:HE2	1	0.77
(17,320)	1:44:A:GLU:HG2	1:46:A:ASN:H	13	0.77
(16,2434)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	12	0.77
(16,2434)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	12	0.77
(16,2434)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	12	0.77
(16,2434)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	12	0.77
(16,2434)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	12	0.77
(16,2434)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	12	0.77
(16,2434)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	12	0.77
(16,2434)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	12	0.77
(16,2434)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	12	0.77
(16,2434)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	12	0.77
(16,2434)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	12	0.77
(16,2434)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	12	0.77
(16,2141)	1:40:A:LEU:HD11	1:43:A:MET:HG3	15	0.77
(16,2141)	1:40:A:LEU:HD12	1:43:A:MET:HG3	15	0.77
(16,2141)	1:40:A:LEU:HD13	1:43:A:MET:HG3	15	0.77
(16,2141)	1:40:A:LEU:HD21	1:43:A:MET:HG3	15	0.77
(16,2141)	1:40:A:LEU:HD22	1:43:A:MET:HG3	15	0.77
(16,2141)	1:40:A:LEU:HD23	1:43:A:MET:HG3	15	0.77
(16,2083)	1:35:A:LEU:HD11	1:38:A:GLU:H	4	0.77
(16,2083)	1:35:A:LEU:HD12	1:38:A:GLU:H	4	0.77
(16,2083)	1:35:A:LEU:HD13	1:38:A:GLU:H	4	0.77
(16,2083)	1:35:A:LEU:HD21	1:38:A:GLU:H	4	0.77
(16,2083)	1:35:A:LEU:HD22	1:38:A:GLU:H	4	0.77
(16,2083)	1:35:A:LEU:HD23	1:38:A:GLU:H	4	0.77
(16,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	12	0.77
(16,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	12	0.77
(16,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	12	0.77
(16,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	12	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	12	0.77
(16,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	12	0.77
(16,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	12	0.77
(16,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	12	0.77
(16,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	12	0.77
(16,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	12	0.77
(16,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	12	0.77
(16,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	12	0.77
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD11	7	0.77
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD12	7	0.77
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD13	7	0.77
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD21	7	0.77
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD22	7	0.77
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD23	7	0.77
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD11	7	0.77
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD12	7	0.77
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD13	7	0.77
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD21	7	0.77
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD22	7	0.77
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD23	7	0.77
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD11	7	0.77
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD12	7	0.77
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD13	7	0.77
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD21	7	0.77
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD22	7	0.77
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD23	7	0.77
(16,1965)	1:12:A:VAL:HG11	1:43:A:MET:H	13	0.77
(16,1965)	1:12:A:VAL:HG12	1:43:A:MET:H	13	0.77
(16,1965)	1:12:A:VAL:HG13	1:43:A:MET:H	13	0.77
(16,1965)	1:12:A:VAL:HG21	1:43:A:MET:H	13	0.77
(16,1965)	1:12:A:VAL:HG22	1:43:A:MET:H	13	0.77
(16,1965)	1:12:A:VAL:HG23	1:43:A:MET:H	13	0.77
(16,1961)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	9	0.77
(16,1961)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	9	0.77
(16,1961)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	9	0.77
(16,1961)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	9	0.77
(16,1961)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	9	0.77
(16,1961)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	9	0.77
(16,1961)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	9	0.77
(16,1961)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	9	0.77
(16,1961)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	9	0.77
(16,1961)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	9	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1961)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	9	0.77
(16,1961)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	9	0.77
(16,1938)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	10	0.77
(16,1938)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	10	0.77
(16,1938)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	10	0.77
(16,1938)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	10	0.77
(16,1938)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	10	0.77
(16,1938)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	10	0.77
(16,1938)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	10	0.77
(16,1938)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	10	0.77
(16,1938)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	10	0.77
(16,1938)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	10	0.77
(16,1938)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	10	0.77
(16,1938)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	10	0.77
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD11	14	0.77
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD12	14	0.77
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD13	14	0.77
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD11	6	0.77
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD12	6	0.77
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD13	6	0.77
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG11	6	0.77
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG12	6	0.77
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG13	6	0.77
(16,1103)	1:68:A:LYS:HA	1:72:A:PHE:HD1	11	0.77
(16,1103)	1:68:A:LYS:HA	1:72:A:PHE:HD2	11	0.77
(16,1008)	1:105:A:LYS:HD2	1:107:A:LEU:H	14	0.77
(16,1008)	1:105:A:LYS:HD3	1:107:A:LEU:H	14	0.77
(16,884)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	14	0.77
(16,884)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	14	0.77
(16,838)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	6	0.77
(16,838)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	6	0.77
(16,838)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	6	0.77
(16,838)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	6	0.77
(16,838)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	6	0.77
(16,838)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	6	0.77
(16,825)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.77
(16,825)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.77
(16,825)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.77
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	10	0.77
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	10	0.77
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	10	0.77
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	10	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	10	0.77
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	10	0.77
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	15	0.77
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	15	0.77
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	15	0.77
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	15	0.77
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	15	0.77
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	15	0.77
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD11	13	0.77
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD12	13	0.77
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD13	13	0.77
(16,152)	1:131:A:LEU:H	1:131:A:LEU:HG	4	0.77
(15,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	12	0.77
(15,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	12	0.77
(15,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	12	0.77
(15,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	12	0.77
(15,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	12	0.77
(15,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	12	0.77
(15,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	12	0.77
(15,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	12	0.77
(15,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	12	0.77
(15,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	12	0.77
(15,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	12	0.77
(15,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	12	0.77
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD11	5	0.77
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD12	5	0.77
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD13	5	0.77
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD21	5	0.77
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD22	5	0.77
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD23	5	0.77
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD11	5	0.77
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD12	5	0.77
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD13	5	0.77
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD21	5	0.77
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD22	5	0.77
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD23	5	0.77
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD11	5	0.77
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD12	5	0.77
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD13	5	0.77
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD21	5	0.77
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD22	5	0.77
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD23	5	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD11	6	0.77
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD12	6	0.77
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD13	6	0.77
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD21	6	0.77
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD22	6	0.77
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD23	6	0.77
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD11	6	0.77
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD12	6	0.77
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD13	6	0.77
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD21	6	0.77
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD22	6	0.77
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD23	6	0.77
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD11	6	0.77
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD12	6	0.77
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD13	6	0.77
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD21	6	0.77
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD22	6	0.77
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD23	6	0.77
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE1	8	0.77
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE2	8	0.77
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE3	8	0.77
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE1	8	0.77
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE2	8	0.77
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE3	8	0.77
(15,1890)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	3	0.77
(15,1890)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	14	0.77
(15,1888)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	18	0.77
(15,1888)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	18	0.77
(15,1888)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	18	0.77
(15,1888)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	18	0.77
(15,1888)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	18	0.77
(15,1888)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	18	0.77
(15,1454)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	14	0.77
(15,1454)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	14	0.77
(15,1454)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	14	0.77
(15,1454)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	14	0.77
(15,1454)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	14	0.77
(15,1454)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	14	0.77
(15,1454)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	14	0.77
(15,1454)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	14	0.77
(15,1454)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	14	0.77
(15,1340)	1:105:A:LYS:HG2	1:106:A:ASP:HA	6	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1340)	1:105:A:LYS:HG2	1:106:A:ASP:HA	8	0.77
(15,1340)	1:105:A:LYS:HG2	1:106:A:ASP:HA	18	0.77
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD11	8	0.77
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD12	8	0.77
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD13	8	0.77
(15,975)	1:46:A:ASN:HB2	1:134:A:VAL:HB	9	0.77
(15,956)	1:74:A:PRO:HA	1:77:A:CYS:HB2	12	0.77
(15,926)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	4	0.77
(15,926)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	4	0.77
(15,926)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	4	0.77
(15,926)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	4	0.77
(15,894)	1:69:A:MET:HE1	1:73:A:ILE:HB	14	0.77
(15,894)	1:69:A:MET:HE2	1:73:A:ILE:HB	14	0.77
(15,894)	1:69:A:MET:HE3	1:73:A:ILE:HB	14	0.77
(15,568)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	17	0.77
(15,568)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	17	0.77
(15,568)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	17	0.77
(15,206)	1:101:A:ILE:H	1:104:A:PHE:HD1	13	0.77
(15,206)	1:101:A:ILE:H	1:104:A:PHE:HD2	13	0.77
(13,2420)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	12	0.77
(13,2420)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	12	0.77
(13,2420)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	12	0.77
(13,2420)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	12	0.77
(13,2420)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	12	0.77
(13,2420)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	12	0.77
(13,2420)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	12	0.77
(13,2420)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	12	0.77
(13,2420)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	12	0.77
(13,2420)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	12	0.77
(13,2420)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	12	0.77
(13,2420)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	12	0.77
(13,2404)	1:131:A:LEU:HD11	1:134:A:VAL:HB	3	0.77
(13,2404)	1:131:A:LEU:HD12	1:134:A:VAL:HB	3	0.77
(13,2404)	1:131:A:LEU:HD13	1:134:A:VAL:HB	3	0.77
(13,2404)	1:131:A:LEU:HD21	1:134:A:VAL:HB	3	0.77
(13,2404)	1:131:A:LEU:HD22	1:134:A:VAL:HB	3	0.77
(13,2404)	1:131:A:LEU:HD23	1:134:A:VAL:HB	3	0.77
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	19	0.77
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	19	0.77
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	19	0.77
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	19	0.77
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	19	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	19	0.77
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	19	0.77
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	19	0.77
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	19	0.77
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	19	0.77
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	19	0.77
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	19	0.77
(13,2097)	1:43:A:MET:HE1	1:46:A:ASN:HD21	2	0.77
(13,2097)	1:43:A:MET:HE1	1:46:A:ASN:HD22	2	0.77
(13,2097)	1:43:A:MET:HE2	1:46:A:ASN:HD21	2	0.77
(13,2097)	1:43:A:MET:HE2	1:46:A:ASN:HD22	2	0.77
(13,2097)	1:43:A:MET:HE3	1:46:A:ASN:HD21	2	0.77
(13,2097)	1:43:A:MET:HE3	1:46:A:ASN:HD22	2	0.77
(13,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	9	0.77
(13,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	9	0.77
(13,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	9	0.77
(13,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD21	9	0.77
(13,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD22	9	0.77
(13,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD23	9	0.77
(13,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	9	0.77
(13,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	9	0.77
(13,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	9	0.77
(13,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD21	9	0.77
(13,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD22	9	0.77
(13,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD23	9	0.77
(13,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	9	0.77
(13,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	9	0.77
(13,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	9	0.77
(13,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD21	9	0.77
(13,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD22	9	0.77
(13,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD23	9	0.77
(13,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	9	0.77
(13,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	9	0.77
(13,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	9	0.77
(13,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD21	9	0.77
(13,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD22	9	0.77
(13,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD23	9	0.77
(13,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	9	0.77
(13,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	9	0.77
(13,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	9	0.77
(13,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD21	9	0.77
(13,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD22	9	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD23	9	0.77
(13,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	9	0.77
(13,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	9	0.77
(13,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	9	0.77
(13,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD21	9	0.77
(13,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD22	9	0.77
(13,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD23	9	0.77
(13,1903)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	6	0.77
(13,1903)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	6	0.77
(13,1903)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	6	0.77
(13,1903)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	6	0.77
(13,1783)	1:9:A:PHE:HZ	1:54:A:ARG:HA	12	0.77
(13,1595)	1:13:A:ALA:HA	1:80:A:TYR:HB3	8	0.77
(13,1415)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	6	0.77
(13,1415)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	6	0.77
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	2	0.77
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	2	0.77
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	2	0.77
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD11	17	0.77
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD12	17	0.77
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD13	17	0.77
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB1	8	0.77
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB2	8	0.77
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB3	8	0.77
(13,1073)	1:68:A:LYS:HA	1:72:A:PHE:HD1	11	0.77
(13,1073)	1:68:A:LYS:HA	1:72:A:PHE:HD2	11	0.77
(13,935)	1:39:A:VAL:HA	1:43:A:MET:HG3	1	0.77
(13,935)	1:39:A:VAL:HA	1:43:A:MET:HG3	6	0.77
(13,905)	1:125:A:THR:HB	1:128:A:LEU:HG	19	0.77
(13,816)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	6	0.77
(13,816)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	6	0.77
(13,816)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	6	0.77
(13,816)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	6	0.77
(13,816)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	6	0.77
(13,816)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	6	0.77
(13,795)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.77
(13,795)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.77
(13,795)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.77
(11,2425)	1:137:A:SER:HB2	1:140:A:LEU:HB2	19	0.77
(11,2425)	1:137:A:SER:HB3	1:140:A:LEU:HB2	19	0.77
(11,2146)	1:40:A:LEU:HD11	1:44:A:GLU:H	17	0.77
(11,2146)	1:40:A:LEU:HD12	1:44:A:GLU:H	17	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2146)	1:40:A:LEU:HD13	1:44:A:GLU:H	17	0.77
(11,2146)	1:40:A:LEU:HD21	1:44:A:GLU:H	17	0.77
(11,2146)	1:40:A:LEU:HD22	1:44:A:GLU:H	17	0.77
(11,2146)	1:40:A:LEU:HD23	1:44:A:GLU:H	17	0.77
(11,2087)	1:35:A:LEU:HD11	1:38:A:GLU:H	4	0.77
(11,2087)	1:35:A:LEU:HD12	1:38:A:GLU:H	4	0.77
(11,2087)	1:35:A:LEU:HD13	1:38:A:GLU:H	4	0.77
(11,2087)	1:35:A:LEU:HD21	1:38:A:GLU:H	4	0.77
(11,2087)	1:35:A:LEU:HD22	1:38:A:GLU:H	4	0.77
(11,2087)	1:35:A:LEU:HD23	1:38:A:GLU:H	4	0.77
(11,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	8	0.77
(11,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	8	0.77
(11,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	8	0.77
(11,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	8	0.77
(11,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	8	0.77
(11,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	8	0.77
(11,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	8	0.77
(11,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	8	0.77
(11,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	8	0.77
(11,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	8	0.77
(11,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	8	0.77
(11,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	8	0.77
(11,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	8	0.77
(11,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	8	0.77
(11,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	8	0.77
(11,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	8	0.77
(11,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	8	0.77
(11,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	8	0.77
(11,1962)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	6	0.77
(11,1962)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	6	0.77
(11,1962)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	6	0.77
(11,1962)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	6	0.77
(11,1915)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	4	0.77
(11,1915)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	4	0.77
(11,1915)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	4	0.77
(11,1915)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	4	0.77
(11,1915)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	4	0.77
(11,1915)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	4	0.77
(11,1915)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	10	0.77
(11,1915)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	10	0.77
(11,1915)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	10	0.77
(11,1915)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	10	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1915)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	10	0.77
(11,1915)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	10	0.77
(11,1915)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	13	0.77
(11,1915)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	13	0.77
(11,1915)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	13	0.77
(11,1915)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	13	0.77
(11,1915)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	13	0.77
(11,1915)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	13	0.77
(11,1879)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	16	0.77
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	5	0.77
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	5	0.77
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD11	14	0.77
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD12	14	0.77
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD13	14	0.77
(11,1555)	1:76:A:ARG:HG2	1:110:A:MET:HE1	4	0.77
(11,1555)	1:76:A:ARG:HG2	1:110:A:MET:HE2	4	0.77
(11,1555)	1:76:A:ARG:HG2	1:110:A:MET:HE3	4	0.77
(11,1555)	1:76:A:ARG:HG3	1:110:A:MET:HE1	4	0.77
(11,1555)	1:76:A:ARG:HG3	1:110:A:MET:HE2	4	0.77
(11,1555)	1:76:A:ARG:HG3	1:110:A:MET:HE3	4	0.77
(11,1422)	1:56:A:CYS:HA	1:120:A:CYS:HA	1	0.77
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD11	17	0.77
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD12	17	0.77
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD13	17	0.77
(11,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	3	0.77
(11,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	3	0.77
(11,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	3	0.77
(11,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	3	0.77
(11,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	3	0.77
(11,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	3	0.77
(11,827)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	6	0.77
(11,827)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	6	0.77
(11,827)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	6	0.77
(11,827)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	6	0.77
(11,827)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	6	0.77
(11,827)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	6	0.77
(11,808)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.77
(11,808)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.77
(11,808)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.77
(11,637)	1:59:A:CYS:H	1:60:A:LEU:HB3	9	0.77
(11,637)	1:59:A:CYS:H	1:60:A:LEU:HB3	10	0.77
(11,583)	1:128:A:LEU:HD11	1:130:A:GLY:H	16	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,583)	1:128:A:LEU:HD12	1:130:A:GLY:H	16	0.77
(11,583)	1:128:A:LEU:HD13	1:130:A:GLY:H	16	0.77
(11,564)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	17	0.77
(11,564)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	17	0.77
(11,564)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	17	0.77
(9,2382)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	12	0.77
(9,2382)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	12	0.77
(9,2382)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	12	0.77
(9,2382)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	12	0.77
(9,2382)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	12	0.77
(9,2382)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	12	0.77
(9,2382)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	12	0.77
(9,2382)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	12	0.77
(9,2382)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	12	0.77
(9,2382)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	12	0.77
(9,2382)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	12	0.77
(9,2382)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	12	0.77
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG11	18	0.77
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG12	18	0.77
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG13	18	0.77
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG21	18	0.77
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG22	18	0.77
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG23	18	0.77
(9,2185)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	17	0.77
(9,2185)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	17	0.77
(9,2185)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	17	0.77
(9,2185)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	17	0.77
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD11	3	0.77
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD12	3	0.77
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD13	3	0.77
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD21	3	0.77
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD22	3	0.77
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD23	3	0.77
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB1	5	0.77
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB2	5	0.77
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB3	5	0.77
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB1	5	0.77
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB2	5	0.77
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB3	5	0.77
(9,1732)	1:105:A:LYS:HG2	1:106:A:ASP:HA	6	0.77
(9,1732)	1:105:A:LYS:HG2	1:106:A:ASP:HA	8	0.77
(9,1732)	1:105:A:LYS:HG2	1:106:A:ASP:HA	18	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE1	3	0.77
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE2	3	0.77
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE3	3	0.77
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE1	3	0.77
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE2	3	0.77
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE3	3	0.77
(9,1438)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	6	0.77
(9,1438)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	6	0.77
(9,1402)	1:60:A:LEU:HD21	1:120:A:CYS:HA	16	0.77
(9,1402)	1:60:A:LEU:HD22	1:120:A:CYS:HA	16	0.77
(9,1402)	1:60:A:LEU:HD23	1:120:A:CYS:HA	16	0.77
(9,1255)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	6	0.77
(9,1255)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	6	0.77
(9,1255)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	6	0.77
(9,1171)	1:136:A:CYS:HA	1:140:A:LEU:HD21	8	0.77
(9,1171)	1:136:A:CYS:HA	1:140:A:LEU:HD22	8	0.77
(9,1171)	1:136:A:CYS:HA	1:140:A:LEU:HD23	8	0.77
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB1	11	0.77
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB2	11	0.77
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB3	11	0.77
(9,827)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	6	0.77
(9,827)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	6	0.77
(9,827)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	6	0.77
(9,827)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	6	0.77
(9,827)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	6	0.77
(9,827)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	6	0.77
(9,808)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.77
(9,808)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.77
(9,808)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.77
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	10	0.77
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	10	0.77
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	10	0.77
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	10	0.77
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	10	0.77
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	10	0.77
(9,634)	1:59:A:CYS:H	1:60:A:LEU:HB3	11	0.77
(9,486)	1:147:A:ARG:HD2	1:148:A:CYS:H	8	0.77
(9,486)	1:147:A:ARG:HD3	1:148:A:CYS:H	8	0.77
(9,332)	1:44:A:GLU:HG2	1:46:A:ASN:H	13	0.77
(7,2251)	1:79:A:THR:HG21	1:81:A:GLU:HB2	3	0.77
(7,2251)	1:79:A:THR:HG21	1:81:A:GLU:HB3	3	0.77
(7,2251)	1:79:A:THR:HG22	1:81:A:GLU:HB2	3	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2251)	1:79:A:THR:HG22	1:81:A:GLU:HB3	3	0.77
(7,2251)	1:79:A:THR:HG23	1:81:A:GLU:HB2	3	0.77
(7,2251)	1:79:A:THR:HG23	1:81:A:GLU:HB3	3	0.77
(7,2042)	1:35:A:LEU:HD11	1:38:A:GLU:H	4	0.77
(7,2042)	1:35:A:LEU:HD12	1:38:A:GLU:H	4	0.77
(7,2042)	1:35:A:LEU:HD13	1:38:A:GLU:H	4	0.77
(7,2042)	1:35:A:LEU:HD21	1:38:A:GLU:H	4	0.77
(7,2042)	1:35:A:LEU:HD22	1:38:A:GLU:H	4	0.77
(7,2042)	1:35:A:LEU:HD23	1:38:A:GLU:H	4	0.77
(7,1785)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	13	0.77
(7,1785)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	13	0.77
(7,1785)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	13	0.77
(7,1785)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	13	0.77
(7,1785)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	13	0.77
(7,1785)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	13	0.77
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG21	5	0.77
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG22	5	0.77
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG23	5	0.77
(7,1424)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	6	0.77
(7,1424)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	6	0.77
(7,1231)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	14	0.77
(7,1231)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	14	0.77
(7,1231)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	14	0.77
(7,1231)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	14	0.77
(7,1231)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	14	0.77
(7,1231)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	14	0.77
(7,1231)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	14	0.77
(7,1231)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	14	0.77
(7,1231)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	14	0.77
(7,917)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	4	0.77
(7,917)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	4	0.77
(7,917)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	4	0.77
(7,917)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	4	0.77
(7,801)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.77
(7,801)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.77
(7,801)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.77
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	14	0.77
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	14	0.77
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	14	0.77
(7,559)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	17	0.77
(7,559)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	17	0.77
(7,559)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	17	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,460)	1:18:A:PHE:H	1:113:A:PHE:HE1	1	0.77
(7,460)	1:18:A:PHE:H	1:113:A:PHE:HE2	1	0.77
(7,319)	1:44:A:GLU:HG2	1:46:A:ASN:H	13	0.77
(7,150)	1:131:A:LEU:H	1:131:A:LEU:HG	4	0.77
(6,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	12	0.77
(6,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	12	0.77
(6,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	12	0.77
(6,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	12	0.77
(6,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	12	0.77
(6,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	12	0.77
(6,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	12	0.77
(6,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	12	0.77
(6,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	12	0.77
(6,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	12	0.77
(6,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	12	0.77
(6,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	12	0.77
(6,2210)	1:60:A:LEU:HD11	1:61:A:SER:HB2	5	0.77
(6,2210)	1:60:A:LEU:HD11	1:61:A:SER:HB3	5	0.77
(6,2210)	1:60:A:LEU:HD12	1:61:A:SER:HB2	5	0.77
(6,2210)	1:60:A:LEU:HD12	1:61:A:SER:HB3	5	0.77
(6,2210)	1:60:A:LEU:HD13	1:61:A:SER:HB2	5	0.77
(6,2210)	1:60:A:LEU:HD13	1:61:A:SER:HB3	5	0.77
(6,2159)	1:46:A:ASN:HD21	1:134:A:VAL:HA	7	0.77
(6,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HA	7	0.77
(6,2143)	1:43:A:MET:HB2	1:140:A:LEU:HG	17	0.77
(6,2143)	1:43:A:MET:HB3	1:140:A:LEU:HG	17	0.77
(6,2026)	1:17:A:ASN:HB2	1:113:A:PHE:HE1	12	0.77
(6,2026)	1:17:A:ASN:HB2	1:113:A:PHE:HE2	12	0.77
(6,2026)	1:17:A:ASN:HB3	1:113:A:PHE:HE1	12	0.77
(6,2026)	1:17:A:ASN:HB3	1:113:A:PHE:HE2	12	0.77
(6,2025)	1:17:A:ASN:HB2	1:76:A:ARG:HA	14	0.77
(6,2025)	1:17:A:ASN:HB3	1:76:A:ARG:HA	14	0.77
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG11	6	0.77
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG12	6	0.77
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG13	6	0.77
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG21	6	0.77
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG22	6	0.77
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG23	6	0.77
(6,2001)	1:14:A:VAL:HG11	1:18:A:PHE:HB2	12	0.77
(6,2001)	1:14:A:VAL:HG12	1:18:A:PHE:HB2	12	0.77
(6,2001)	1:14:A:VAL:HG13	1:18:A:PHE:HB2	12	0.77
(6,2001)	1:14:A:VAL:HG21	1:18:A:PHE:HB2	12	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2001)	1:14:A:VAL:HG22	1:18:A:PHE:HB2	12	0.77
(6,2001)	1:14:A:VAL:HG23	1:18:A:PHE:HB2	12	0.77
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB1	5	0.77
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB2	5	0.77
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB3	5	0.77
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB1	5	0.77
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB2	5	0.77
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB3	5	0.77
(6,1775)	1:65:A:CYS:HB2	1:69:A:MET:HE1	12	0.77
(6,1775)	1:65:A:CYS:HB2	1:69:A:MET:HE2	12	0.77
(6,1775)	1:65:A:CYS:HB2	1:69:A:MET:HE3	12	0.77
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD21	17	0.77
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD22	17	0.77
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD23	17	0.77
(6,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE1	4	0.77
(6,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE2	4	0.77
(6,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE3	4	0.77
(6,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE1	4	0.77
(6,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE2	4	0.77
(6,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE3	4	0.77
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD11	6	0.77
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD12	6	0.77
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD13	6	0.77
(6,1368)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	11	0.77
(6,1368)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	11	0.77
(6,1368)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	11	0.77
(6,1336)	1:105:A:LYS:HG2	1:106:A:ASP:HA	6	0.77
(6,1336)	1:105:A:LYS:HG2	1:106:A:ASP:HA	8	0.77
(6,1336)	1:105:A:LYS:HG2	1:106:A:ASP:HA	18	0.77
(6,1160)	1:136:A:CYS:HA	1:140:A:LEU:HD21	8	0.77
(6,1160)	1:136:A:CYS:HA	1:140:A:LEU:HD22	8	0.77
(6,1160)	1:136:A:CYS:HA	1:140:A:LEU:HD23	8	0.77
(6,1076)	1:68:A:LYS:HA	1:72:A:PHE:HD1	11	0.77
(6,1076)	1:68:A:LYS:HA	1:72:A:PHE:HD2	11	0.77
(6,822)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	6	0.77
(6,822)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	6	0.77
(6,822)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	6	0.77
(6,822)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	6	0.77
(6,822)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	6	0.77
(6,822)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	6	0.77
(6,811)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.77
(6,811)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,811)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.77
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	14	0.77
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	14	0.77
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	14	0.77
(6,630)	1:59:A:CYS:H	1:60:A:LEU:HB3	11	0.77
(6,555)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	17	0.77
(6,555)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	17	0.77
(6,555)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	17	0.77
(6,455)	1:18:A:PHE:H	1:113:A:PHE:HE1	1	0.77
(6,455)	1:18:A:PHE:H	1:113:A:PHE:HE2	1	0.77
(6,320)	1:44:A:GLU:HG2	1:46:A:ASN:H	13	0.77
(6,38)	1:98:A:ILE:H	1:105:A:LYS:HA	4	0.77
(5,2331)	1:107:A:LEU:HD11	1:112:A:GLN:HA	16	0.77
(5,2331)	1:107:A:LEU:HD12	1:112:A:GLN:HA	16	0.77
(5,2331)	1:107:A:LEU:HD13	1:112:A:GLN:HA	16	0.77
(5,2331)	1:107:A:LEU:HD21	1:112:A:GLN:HA	16	0.77
(5,2331)	1:107:A:LEU:HD22	1:112:A:GLN:HA	16	0.77
(5,2331)	1:107:A:LEU:HD23	1:112:A:GLN:HA	16	0.77
(5,2327)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	3	0.77
(5,2327)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	3	0.77
(5,2327)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	3	0.77
(5,2327)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	3	0.77
(5,2327)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	3	0.77
(5,2327)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	3	0.77
(5,2327)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	3	0.77
(5,2327)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	3	0.77
(5,2327)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	3	0.77
(5,2327)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	3	0.77
(5,2327)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	3	0.77
(5,2327)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	3	0.77
(5,2059)	1:35:A:LEU:HD11	1:38:A:GLU:H	4	0.77
(5,2059)	1:35:A:LEU:HD12	1:38:A:GLU:H	4	0.77
(5,2059)	1:35:A:LEU:HD13	1:38:A:GLU:H	4	0.77
(5,2059)	1:35:A:LEU:HD21	1:38:A:GLU:H	4	0.77
(5,2059)	1:35:A:LEU:HD22	1:38:A:GLU:H	4	0.77
(5,2059)	1:35:A:LEU:HD23	1:38:A:GLU:H	4	0.77
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	7	0.77
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	7	0.77
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	7	0.77
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	7	0.77
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	7	0.77
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	7	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2003)	1:17:A:ASN:HB2	1:63:A:ILE:HD11	19	0.77
(5,2003)	1:17:A:ASN:HB2	1:63:A:ILE:HD12	19	0.77
(5,2003)	1:17:A:ASN:HB2	1:63:A:ILE:HD13	19	0.77
(5,2003)	1:17:A:ASN:HB3	1:63:A:ILE:HD11	19	0.77
(5,2003)	1:17:A:ASN:HB3	1:63:A:ILE:HD12	19	0.77
(5,2003)	1:17:A:ASN:HB3	1:63:A:ILE:HD13	19	0.77
(5,1959)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	6	0.77
(5,1959)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	6	0.77
(5,1959)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	6	0.77
(5,1959)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	6	0.77
(5,1893)	1:9:A:PHE:HE1	1:14:A:VAL:HB	5	0.77
(5,1893)	1:9:A:PHE:HE2	1:14:A:VAL:HB	5	0.77
(5,1812)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	12	0.77
(5,1812)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	12	0.77
(5,1812)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	12	0.77
(5,1812)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	12	0.77
(5,1809)	1:13:A:ALA:H	1:80:A:TYR:HD1	17	0.77
(5,1809)	1:13:A:ALA:H	1:80:A:TYR:HD2	17	0.77
(5,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE1	4	0.77
(5,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE2	4	0.77
(5,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE3	4	0.77
(5,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE1	4	0.77
(5,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE2	4	0.77
(5,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE3	4	0.77
(5,1462)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	6	0.77
(5,1462)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	6	0.77
(5,1264)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	14	0.77
(5,1264)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	14	0.77
(5,1264)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	14	0.77
(5,1264)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	14	0.77
(5,1264)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	14	0.77
(5,1264)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	14	0.77
(5,1264)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	14	0.77
(5,1264)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	14	0.77
(5,1264)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	14	0.77
(5,1180)	1:136:A:CYS:HA	1:140:A:LEU:HD21	8	0.77
(5,1180)	1:136:A:CYS:HA	1:140:A:LEU:HD22	8	0.77
(5,1180)	1:136:A:CYS:HA	1:140:A:LEU:HD23	8	0.77
(5,929)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	4	0.77
(5,929)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	4	0.77
(5,929)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	4	0.77
(5,929)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	4	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	3	0.77
(5,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	3	0.77
(5,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	3	0.77
(5,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	3	0.77
(5,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	3	0.77
(5,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	3	0.77
(5,810)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.77
(5,810)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.77
(5,810)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.77
(5,711)	1:45:A:ALA:HB1	1:48:A:ARG:HE	18	0.77
(5,711)	1:45:A:ALA:HB2	1:48:A:ARG:HE	18	0.77
(5,711)	1:45:A:ALA:HB3	1:48:A:ARG:HE	18	0.77
(5,705)	1:28:A:GLY:H	1:30:A:LEU:HB2	2	0.77
(5,705)	1:28:A:GLY:H	1:30:A:LEU:HB3	2	0.77
(5,228)	1:112:A:GLN:HG2	1:114:A:ILE:H	5	0.77
(5,228)	1:112:A:GLN:HG3	1:114:A:ILE:H	5	0.77
(4,2430)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	12	0.77
(4,2430)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	12	0.77
(4,2430)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	12	0.77
(4,2430)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	12	0.77
(4,2430)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	12	0.77
(4,2430)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	12	0.77
(4,2430)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	12	0.77
(4,2430)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	12	0.77
(4,2430)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	12	0.77
(4,2430)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	12	0.77
(4,2430)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	12	0.77
(4,2430)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	12	0.77
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	3	0.77
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	3	0.77
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	3	0.77
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG21	3	0.77
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG22	3	0.77
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG23	3	0.77
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD11	7	0.77
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD12	7	0.77
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD13	7	0.77
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD21	7	0.77
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD22	7	0.77
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD23	7	0.77
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD11	7	0.77
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD12	7	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD13	7	0.77
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD21	7	0.77
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD22	7	0.77
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD23	7	0.77
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD11	7	0.77
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD12	7	0.77
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD13	7	0.77
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD21	7	0.77
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD22	7	0.77
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD23	7	0.77
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	3	0.77
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	3	0.77
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	3	0.77
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	3	0.77
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	3	0.77
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	3	0.77
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG11	6	0.77
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG12	6	0.77
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG13	6	0.77
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG21	6	0.77
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG22	6	0.77
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG23	6	0.77
(4,1889)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	3	0.77
(4,1889)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	14	0.77
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD21	17	0.77
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD22	17	0.77
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD23	17	0.77
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD11	6	0.77
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD12	6	0.77
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD13	6	0.77
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB1	8	0.77
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB2	8	0.77
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB3	8	0.77
(4,825)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	6	0.77
(4,825)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	6	0.77
(4,825)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	6	0.77
(4,825)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	6	0.77
(4,825)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	6	0.77
(4,825)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	6	0.77
(4,806)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.77
(4,806)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.77
(4,806)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	14	0.77
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	14	0.77
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	14	0.77
(4,703)	1:48:A:ARG:HE	1:49:A:LYS:HA	8	0.77
(4,552)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	17	0.77
(4,552)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	17	0.77
(4,552)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	17	0.77
(4,451)	1:18:A:PHE:H	1:113:A:PHE:HE1	1	0.77
(4,451)	1:18:A:PHE:H	1:113:A:PHE:HE2	1	0.77
(4,147)	1:131:A:LEU:H	1:131:A:LEU:HG	4	0.77
(3,2468)	1:136:A:CYS:HB2	1:141:A:LYS:HA	2	0.77
(3,2468)	1:136:A:CYS:HB3	1:141:A:LYS:HA	2	0.77
(3,2188)	1:46:A:ASN:HD21	1:134:A:VAL:HA	7	0.77
(3,2188)	1:46:A:ASN:HD22	1:134:A:VAL:HA	7	0.77
(3,2171)	1:43:A:MET:HE1	1:46:A:ASN:HD21	2	0.77
(3,2171)	1:43:A:MET:HE1	1:46:A:ASN:HD22	2	0.77
(3,2171)	1:43:A:MET:HE2	1:46:A:ASN:HD21	2	0.77
(3,2171)	1:43:A:MET:HE2	1:46:A:ASN:HD22	2	0.77
(3,2171)	1:43:A:MET:HE3	1:46:A:ASN:HD21	2	0.77
(3,2171)	1:43:A:MET:HE3	1:46:A:ASN:HD22	2	0.77
(3,2044)	1:17:A:ASN:HD21	1:78:A:HIS:H	2	0.77
(3,2044)	1:17:A:ASN:HD22	1:78:A:HIS:H	2	0.77
(3,2042)	1:17:A:ASN:HB2	1:76:A:ARG:HA	14	0.77
(3,2042)	1:17:A:ASN:HB3	1:76:A:ARG:HA	14	0.77
(3,1968)	1:10:A:ASN:HD21	1:12:A:VAL:HG11	12	0.77
(3,1968)	1:10:A:ASN:HD21	1:12:A:VAL:HG12	12	0.77
(3,1968)	1:10:A:ASN:HD21	1:12:A:VAL:HG13	12	0.77
(3,1968)	1:10:A:ASN:HD21	1:12:A:VAL:HG21	12	0.77
(3,1968)	1:10:A:ASN:HD21	1:12:A:VAL:HG22	12	0.77
(3,1968)	1:10:A:ASN:HD21	1:12:A:VAL:HG23	12	0.77
(3,1968)	1:10:A:ASN:HD22	1:12:A:VAL:HG11	12	0.77
(3,1968)	1:10:A:ASN:HD22	1:12:A:VAL:HG12	12	0.77
(3,1968)	1:10:A:ASN:HD22	1:12:A:VAL:HG13	12	0.77
(3,1968)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	12	0.77
(3,1968)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	12	0.77
(3,1968)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	12	0.77
(3,1939)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	3	0.77
(3,1939)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	14	0.77
(3,1885)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	16	0.77
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD21	15	0.77
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD22	15	0.77
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD23	15	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	4	0.77
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	4	0.77
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	4	0.77
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE1	3	0.77
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE2	3	0.77
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE3	3	0.77
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE1	3	0.77
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE2	3	0.77
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE3	3	0.77
(3,1481)	1:13:A:ALA:HB1	1:78:A:HIS:HA	15	0.77
(3,1481)	1:13:A:ALA:HB2	1:78:A:HIS:HA	15	0.77
(3,1481)	1:13:A:ALA:HB3	1:78:A:HIS:HA	15	0.77
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG21	16	0.77
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG22	16	0.77
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG23	16	0.77
(3,1271)	1:40:A:LEU:HA	1:40:A:LEU:HD21	7	0.77
(3,1271)	1:40:A:LEU:HA	1:40:A:LEU:HD22	7	0.77
(3,1271)	1:40:A:LEU:HA	1:40:A:LEU:HD23	7	0.77
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD21	16	0.77
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD22	16	0.77
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD23	16	0.77
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD21	16	0.77
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD22	16	0.77
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD23	16	0.77
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD21	16	0.77
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD22	16	0.77
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD23	16	0.77
(3,945)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	4	0.77
(3,945)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	4	0.77
(3,945)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	4	0.77
(3,945)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	4	0.77
(3,887)	1:21:A:THR:HG21	1:24:A:ASP:HB2	19	0.77
(3,887)	1:21:A:THR:HG21	1:24:A:ASP:HB3	19	0.77
(3,887)	1:21:A:THR:HG22	1:24:A:ASP:HB2	19	0.77
(3,887)	1:21:A:THR:HG22	1:24:A:ASP:HB3	19	0.77
(3,887)	1:21:A:THR:HG23	1:24:A:ASP:HB2	19	0.77
(3,887)	1:21:A:THR:HG23	1:24:A:ASP:HB3	19	0.77
(3,844)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	6	0.77
(3,844)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	6	0.77
(3,844)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	6	0.77
(3,844)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	6	0.77
(3,844)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	6	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,844)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	6	0.77
(3,830)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.77
(3,830)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.77
(3,830)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.77
(3,563)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	17	0.77
(3,563)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	17	0.77
(3,563)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	17	0.77
(3,462)	1:18:A:PHE:H	1:113:A:PHE:HE1	1	0.77
(3,462)	1:18:A:PHE:H	1:113:A:PHE:HE2	1	0.77
(3,325)	1:44:A:GLU:HG2	1:46:A:ASN:H	13	0.77
(3,278)	1:113:A:PHE:H	1:116:A:GLN:HG3	14	0.77
(3,149)	1:131:A:LEU:H	1:131:A:LEU:HG	4	0.77
(2,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	12	0.77
(2,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	12	0.77
(2,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	12	0.77
(2,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	12	0.77
(2,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	12	0.77
(2,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	12	0.77
(2,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	12	0.77
(2,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	12	0.77
(2,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	12	0.77
(2,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	12	0.77
(2,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	12	0.77
(2,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	12	0.77
(2,2403)	1:124:A:THR:H	1:127:A:CYS:HB2	2	0.77
(2,2403)	1:124:A:THR:H	1:127:A:CYS:HB3	2	0.77
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE1	8	0.77
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE2	8	0.77
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE3	8	0.77
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE1	8	0.77
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE2	8	0.77
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE3	8	0.77
(2,1935)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	5	0.77
(2,1935)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	5	0.77
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE1	2	0.77
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE2	2	0.77
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE3	2	0.77
(2,1644)	1:13:A:ALA:HA	1:80:A:TYR:HB3	8	0.77
(2,1535)	1:76:A:ARG:HG2	1:110:A:MET:HE1	4	0.77
(2,1535)	1:76:A:ARG:HG2	1:110:A:MET:HE2	4	0.77
(2,1535)	1:76:A:ARG:HG2	1:110:A:MET:HE3	4	0.77
(2,1535)	1:76:A:ARG:HG3	1:110:A:MET:HE1	4	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1535)	1:76:A:ARG:HG3	1:110:A:MET:HE2	4	0.77
(2,1535)	1:76:A:ARG:HG3	1:110:A:MET:HE3	4	0.77
(2,1449)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	6	0.77
(2,1449)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	6	0.77
(2,825)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	6	0.77
(2,825)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	6	0.77
(2,825)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	6	0.77
(2,825)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	6	0.77
(2,825)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	6	0.77
(2,825)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	6	0.77
(2,806)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.77
(2,806)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.77
(2,806)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.77
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	14	0.77
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	14	0.77
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	14	0.77
(2,54)	1:47:A:ALA:H	1:134:A:VAL:HG21	14	0.77
(2,54)	1:47:A:ALA:H	1:134:A:VAL:HG22	14	0.77
(2,54)	1:47:A:ALA:H	1:134:A:VAL:HG23	14	0.77
(1,2405)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	12	0.77
(1,2405)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	12	0.77
(1,2405)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	12	0.77
(1,2405)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	12	0.77
(1,2405)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	12	0.77
(1,2405)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	12	0.77
(1,2405)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	12	0.77
(1,2405)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	12	0.77
(1,2405)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	12	0.77
(1,2405)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	12	0.77
(1,2405)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	12	0.77
(1,2405)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	12	0.77
(1,2126)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	17	0.77
(1,2126)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	17	0.77
(1,2126)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	17	0.77
(1,2126)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	17	0.77
(1,2126)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	17	0.77
(1,2126)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	17	0.77
(1,2126)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	17	0.77
(1,2126)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	17	0.77
(1,2126)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	17	0.77
(1,2126)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	17	0.77
(1,2126)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	17	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2126)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	17	0.77
(1,2124)	1:40:A:LEU:HD11	1:43:A:MET:HG3	4	0.77
(1,2124)	1:40:A:LEU:HD12	1:43:A:MET:HG3	4	0.77
(1,2124)	1:40:A:LEU:HD13	1:43:A:MET:HG3	4	0.77
(1,2124)	1:40:A:LEU:HD21	1:43:A:MET:HG3	4	0.77
(1,2124)	1:40:A:LEU:HD22	1:43:A:MET:HG3	4	0.77
(1,2124)	1:40:A:LEU:HD23	1:43:A:MET:HG3	4	0.77
(1,2044)	1:28:A:GLY:HA2	1:30:A:LEU:HD11	3	0.77
(1,2044)	1:28:A:GLY:HA2	1:30:A:LEU:HD12	3	0.77
(1,2044)	1:28:A:GLY:HA2	1:30:A:LEU:HD13	3	0.77
(1,2044)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	3	0.77
(1,2044)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	3	0.77
(1,2044)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	3	0.77
(1,2044)	1:28:A:GLY:HA3	1:30:A:LEU:HD11	3	0.77
(1,2044)	1:28:A:GLY:HA3	1:30:A:LEU:HD12	3	0.77
(1,2044)	1:28:A:GLY:HA3	1:30:A:LEU:HD13	3	0.77
(1,2044)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	3	0.77
(1,2044)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	3	0.77
(1,2044)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	3	0.77
(1,1798)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	12	0.77
(1,1798)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	12	0.77
(1,1798)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	12	0.77
(1,1798)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	12	0.77
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG21	2	0.77
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG22	2	0.77
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG23	2	0.77
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG21	2	0.77
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG22	2	0.77
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG23	2	0.77
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG21	2	0.77
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG22	2	0.77
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG23	2	0.77
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG21	16	0.77
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG22	16	0.77
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG23	16	0.77
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG21	16	0.77
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG22	16	0.77
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG23	16	0.77
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG21	16	0.77
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG22	16	0.77
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG23	16	0.77
(1,1449)	1:31:A:PRO:HD3	1:143:A:TRP:HA	9	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1256)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	14	0.77
(1,1256)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	14	0.77
(1,1256)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	14	0.77
(1,1256)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	14	0.77
(1,1256)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	14	0.77
(1,1256)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	14	0.77
(1,1256)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	14	0.77
(1,1256)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	14	0.77
(1,1256)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	14	0.77
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB1	8	0.77
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB2	8	0.77
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB3	8	0.77
(1,888)	1:21:A:THR:HG21	1:24:A:ASP:HB2	19	0.77
(1,888)	1:21:A:THR:HG21	1:24:A:ASP:HB3	19	0.77
(1,888)	1:21:A:THR:HG22	1:24:A:ASP:HB2	19	0.77
(1,888)	1:21:A:THR:HG22	1:24:A:ASP:HB3	19	0.77
(1,888)	1:21:A:THR:HG23	1:24:A:ASP:HB2	19	0.77
(1,888)	1:21:A:THR:HG23	1:24:A:ASP:HB3	19	0.77
(1,832)	1:98:A:ILE:HD11	1:101:A:ILE:HB	2	0.77
(1,832)	1:98:A:ILE:HD12	1:101:A:ILE:HB	2	0.77
(1,832)	1:98:A:ILE:HD13	1:101:A:ILE:HB	2	0.77
(1,563)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	17	0.77
(1,563)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	17	0.77
(1,563)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	17	0.77
(1,472)	1:12:A:VAL:HG11	1:14:A:VAL:H	12	0.77
(1,472)	1:12:A:VAL:HG12	1:14:A:VAL:H	12	0.77
(1,472)	1:12:A:VAL:HG13	1:14:A:VAL:H	12	0.77
(1,461)	1:18:A:PHE:H	1:113:A:PHE:HE1	1	0.77
(1,461)	1:18:A:PHE:H	1:113:A:PHE:HE2	1	0.77
(1,160)	1:131:A:LEU:H	1:131:A:LEU:HG	4	0.77
(34,2476)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	10	0.76
(34,2476)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	10	0.76
(34,2476)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	10	0.76
(34,2476)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	10	0.76
(34,2476)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	10	0.76
(34,2476)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	10	0.76
(34,2264)	1:74:A:PRO:HA	1:77:A:CYS:HB2	12	0.76
(34,2264)	1:74:A:PRO:HA	1:77:A:CYS:HB3	12	0.76
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	18	0.76
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	18	0.76
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	18	0.76
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	18	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	18	0.76
(34,2176)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	18	0.76
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	18	0.76
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	18	0.76
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	18	0.76
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	18	0.76
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	18	0.76
(34,2176)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	18	0.76
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	18	0.76
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	18	0.76
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	18	0.76
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	18	0.76
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	18	0.76
(34,2176)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	18	0.76
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	6	0.76
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	6	0.76
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	6	0.76
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	6	0.76
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	6	0.76
(34,2064)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	6	0.76
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	6	0.76
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	6	0.76
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	6	0.76
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	6	0.76
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	6	0.76
(34,2064)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	6	0.76
(34,2055)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	5	0.76
(34,2055)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	5	0.76
(34,2055)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	5	0.76
(34,2055)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	5	0.76
(34,2055)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	5	0.76
(34,2055)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	5	0.76
(34,2055)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	5	0.76
(34,2055)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	5	0.76
(34,2055)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	5	0.76
(34,2055)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	5	0.76
(34,2055)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	5	0.76
(34,2055)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	5	0.76
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD11	6	0.76
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD12	6	0.76
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD13	6	0.76
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD21	6	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD22	6	0.76
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD23	6	0.76
(34,1978)	1:12:A:VAL:HG11	1:79:A:THR:HB	19	0.76
(34,1978)	1:12:A:VAL:HG12	1:79:A:THR:HB	19	0.76
(34,1978)	1:12:A:VAL:HG13	1:79:A:THR:HB	19	0.76
(34,1978)	1:12:A:VAL:HG21	1:79:A:THR:HB	19	0.76
(34,1978)	1:12:A:VAL:HG22	1:79:A:THR:HB	19	0.76
(34,1978)	1:12:A:VAL:HG23	1:79:A:THR:HB	19	0.76
(34,1975)	1:12:A:VAL:HG11	1:43:A:MET:HB3	18	0.76
(34,1975)	1:12:A:VAL:HG12	1:43:A:MET:HB3	18	0.76
(34,1975)	1:12:A:VAL:HG13	1:43:A:MET:HB3	18	0.76
(34,1975)	1:12:A:VAL:HG21	1:43:A:MET:HB3	18	0.76
(34,1975)	1:12:A:VAL:HG22	1:43:A:MET:HB3	18	0.76
(34,1975)	1:12:A:VAL:HG23	1:43:A:MET:HB3	18	0.76
(34,1935)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	12	0.76
(34,1935)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	12	0.76
(34,1890)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	6	0.76
(34,1890)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	6	0.76
(34,1890)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	6	0.76
(34,1890)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	6	0.76
(34,1796)	1:13:A:ALA:H	1:80:A:TYR:HD1	16	0.76
(34,1796)	1:13:A:ALA:H	1:80:A:TYR:HD2	16	0.76
(34,1681)	1:107:A:LEU:H	1:111:A:GLU:HB2	7	0.76
(34,1681)	1:107:A:LEU:H	1:111:A:GLU:HB3	7	0.76
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE1	17	0.76
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE2	17	0.76
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE3	17	0.76
(34,1494)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	19	0.76
(34,1494)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	19	0.76
(34,1494)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	19	0.76
(34,1494)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	19	0.76
(34,1494)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	19	0.76
(34,1494)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	19	0.76
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG21	4	0.76
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG22	4	0.76
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG23	4	0.76
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	4	0.76
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	4	0.76
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	4	0.76
(34,1294)	1:11:A:ILE:HG21	1:15:A:ALA:HA	18	0.76
(34,1294)	1:11:A:ILE:HG22	1:15:A:ALA:HA	18	0.76
(34,1294)	1:11:A:ILE:HG23	1:15:A:ALA:HA	18	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1238)	1:69:A:MET:HE1	1:110:A:MET:HA	19	0.76
(34,1238)	1:69:A:MET:HE2	1:110:A:MET:HA	19	0.76
(34,1238)	1:69:A:MET:HE3	1:110:A:MET:HA	19	0.76
(34,903)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	9	0.76
(34,903)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	9	0.76
(34,903)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	9	0.76
(34,643)	1:59:A:CYS:H	1:60:A:LEU:HB3	13	0.76
(34,530)	1:70:A:LYS:HG3	1:71:A:LYS:H	12	0.76
(34,505)	1:97:A:ASP:HB2	1:105:A:LYS:H	17	0.76
(34,505)	1:97:A:ASP:HB3	1:105:A:LYS:H	17	0.76
(34,448)	1:68:A:LYS:H	1:70:A:LYS:HG2	12	0.76
(34,394)	1:106:A:ASP:H	1:112:A:GLN:HE21	19	0.76
(34,45)	1:98:A:ILE:H	1:104:A:PHE:HB2	5	0.76
(34,45)	1:98:A:ILE:H	1:104:A:PHE:HB3	5	0.76
(33,1902)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	14	0.76
(33,1902)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	14	0.76
(33,1902)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	14	0.76
(33,1902)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	14	0.76
(33,1902)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	14	0.76
(33,1902)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	14	0.76
(33,1788)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	10	0.76
(33,1788)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	10	0.76
(33,1788)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	10	0.76
(33,1788)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	10	0.76
(33,1710)	1:13:A:ALA:HA	1:79:A:THR:HG21	18	0.76
(33,1710)	1:13:A:ALA:HA	1:79:A:THR:HG22	18	0.76
(33,1710)	1:13:A:ALA:HA	1:79:A:THR:HG23	18	0.76
(33,1692)	1:43:A:MET:HE1	1:137:A:SER:H	6	0.76
(33,1692)	1:43:A:MET:HE2	1:137:A:SER:H	6	0.76
(33,1692)	1:43:A:MET:HE3	1:137:A:SER:H	6	0.76
(33,1659)	1:107:A:LEU:H	1:111:A:GLU:HB2	7	0.76
(33,1659)	1:107:A:LEU:H	1:111:A:GLU:HB3	7	0.76
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD11	16	0.76
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD12	16	0.76
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD13	16	0.76
(33,1238)	1:140:A:LEU:HA	1:140:A:LEU:HD21	13	0.76
(33,1238)	1:140:A:LEU:HA	1:140:A:LEU:HD22	13	0.76
(33,1238)	1:140:A:LEU:HA	1:140:A:LEU:HD23	13	0.76
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB1	5	0.76
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB2	5	0.76
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB3	5	0.76
(33,971)	1:141:A:LYS:HB2	1:149:A:ALA:HA	6	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,971)	1:141:A:LYS:HB3	1:149:A:ALA:HA	6	0.76
(33,874)	1:56:A:CYS:H	1:122:A:ASP:HB2	9	0.76
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	2	0.76
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	2	0.76
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	2	0.76
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	2	0.76
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	2	0.76
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	2	0.76
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	2	0.76
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	2	0.76
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	2	0.76
(33,388)	1:106:A:ASP:H	1:112:A:GLN:HE21	19	0.76
(33,254)	1:27:A:ARG:HA	1:29:A:LYS:H	2	0.76
(33,254)	1:27:A:ARG:HA	1:29:A:LYS:H	12	0.76
(33,51)	1:47:A:ALA:H	1:52:A:CYS:HB2	4	0.76
(33,51)	1:47:A:ALA:H	1:52:A:CYS:HB3	4	0.76
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG11	4	0.76
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG12	4	0.76
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG13	4	0.76
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG21	4	0.76
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG22	4	0.76
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG23	4	0.76
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG11	4	0.76
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG12	4	0.76
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG13	4	0.76
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG21	4	0.76
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG22	4	0.76
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG23	4	0.76
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG11	4	0.76
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG12	4	0.76
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG13	4	0.76
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG21	4	0.76
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG22	4	0.76
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG23	4	0.76
(32,2115)	1:41:A:LYS:H	1:44:A:GLU:HG2	9	0.76
(32,2115)	1:41:A:LYS:H	1:44:A:GLU:HG3	9	0.76
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE1	2	0.76
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE2	2	0.76
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE1	2	0.76
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE2	2	0.76
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE1	9	0.76
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE2	9	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE1	9	0.76
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE2	9	0.76
(32,1810)	1:79:A:THR:HB	1:80:A:TYR:HE1	19	0.76
(32,1810)	1:79:A:THR:HB	1:80:A:TYR:HE2	19	0.76
(32,1695)	1:31:A:PRO:HB2	1:35:A:LEU:HA	4	0.76
(32,1695)	1:31:A:PRO:HB3	1:35:A:LEU:HA	4	0.76
(32,1677)	1:13:A:ALA:HA	1:79:A:THR:HG21	18	0.76
(32,1677)	1:13:A:ALA:HA	1:79:A:THR:HG22	18	0.76
(32,1677)	1:13:A:ALA:HA	1:79:A:THR:HG23	18	0.76
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD11	16	0.76
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD12	16	0.76
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD13	16	0.76
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	1	0.76
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	1	0.76
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	1	0.76
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	1	0.76
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	1	0.76
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	1	0.76
(32,1439)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	19	0.76
(32,1439)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	19	0.76
(32,1439)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	19	0.76
(32,1439)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	19	0.76
(32,1439)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	19	0.76
(32,1439)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	19	0.76
(32,1213)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	7	0.76
(32,1213)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	7	0.76
(32,1213)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	7	0.76
(32,1213)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	7	0.76
(32,1213)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	7	0.76
(32,1213)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	7	0.76
(32,962)	1:102:A:PRO:HA	1:105:A:LYS:HB2	11	0.76
(32,962)	1:102:A:PRO:HA	1:105:A:LYS:HB3	11	0.76
(32,962)	1:102:A:PRO:HA	1:105:A:LYS:HB2	17	0.76
(32,962)	1:102:A:PRO:HA	1:105:A:LYS:HB3	17	0.76
(32,639)	1:66:A:THR:H	1:116:A:GLN:HE22	6	0.76
(32,377)	1:106:A:ASP:H	1:112:A:GLN:HE21	19	0.76
(32,249)	1:27:A:ARG:HA	1:29:A:LYS:H	2	0.76
(32,249)	1:27:A:ARG:HA	1:29:A:LYS:H	12	0.76
(32,44)	1:47:A:ALA:H	1:52:A:CYS:HB2	4	0.76
(32,44)	1:47:A:ALA:H	1:52:A:CYS:HB3	4	0.76
(30,2456)	1:140:A:LEU:HD11	1:143:A:TRP:HD1	10	0.76
(30,2456)	1:140:A:LEU:HD12	1:143:A:TRP:HD1	10	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2456)	1:140:A:LEU:HD13	1:143:A:TRP:HD1	10	0.76
(30,2456)	1:140:A:LEU:HD21	1:143:A:TRP:HD1	10	0.76
(30,2456)	1:140:A:LEU:HD22	1:143:A:TRP:HD1	10	0.76
(30,2456)	1:140:A:LEU:HD23	1:143:A:TRP:HD1	10	0.76
(30,2425)	1:136:A:CYS:HB2	1:141:A:LYS:H	2	0.76
(30,2425)	1:136:A:CYS:HB3	1:141:A:LYS:H	2	0.76
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD11	17	0.76
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD12	17	0.76
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD13	17	0.76
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD21	17	0.76
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD22	17	0.76
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD23	17	0.76
(30,2286)	1:79:A:THR:HG21	1:81:A:GLU:HB2	7	0.76
(30,2286)	1:79:A:THR:HG21	1:81:A:GLU:HB3	7	0.76
(30,2286)	1:79:A:THR:HG22	1:81:A:GLU:HB2	7	0.76
(30,2286)	1:79:A:THR:HG22	1:81:A:GLU:HB3	7	0.76
(30,2286)	1:79:A:THR:HG23	1:81:A:GLU:HB2	7	0.76
(30,2286)	1:79:A:THR:HG23	1:81:A:GLU:HB3	7	0.76
(30,2134)	1:39:A:VAL:HG11	1:144:A:LEU:H	2	0.76
(30,2134)	1:39:A:VAL:HG12	1:144:A:LEU:H	2	0.76
(30,2134)	1:39:A:VAL:HG13	1:144:A:LEU:H	2	0.76
(30,2134)	1:39:A:VAL:HG21	1:144:A:LEU:H	2	0.76
(30,2134)	1:39:A:VAL:HG22	1:144:A:LEU:H	2	0.76
(30,2134)	1:39:A:VAL:HG23	1:144:A:LEU:H	2	0.76
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD11	6	0.76
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD12	6	0.76
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD13	6	0.76
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD21	6	0.76
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD22	6	0.76
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD23	6	0.76
(30,1920)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	3	0.76
(30,1920)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	3	0.76
(30,1673)	1:107:A:LEU:H	1:111:A:GLU:HB2	7	0.76
(30,1673)	1:107:A:LEU:H	1:111:A:GLU:HB3	7	0.76
(30,1477)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	19	0.76
(30,1477)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	19	0.76
(30,1477)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	19	0.76
(30,1477)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	19	0.76
(30,1477)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	19	0.76
(30,1477)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	19	0.76
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	18	0.76
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	18	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	18	0.76
(30,1212)	1:11:A:ILE:HD11	1:131:A:LEU:HA	7	0.76
(30,1212)	1:11:A:ILE:HD12	1:131:A:LEU:HA	7	0.76
(30,1212)	1:11:A:ILE:HD13	1:131:A:LEU:HA	7	0.76
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD21	8	0.76
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD22	8	0.76
(30,1129)	1:43:A:MET:HE1	1:144:A:LEU:HD23	8	0.76
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD21	8	0.76
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD22	8	0.76
(30,1129)	1:43:A:MET:HE2	1:144:A:LEU:HD23	8	0.76
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD21	8	0.76
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD22	8	0.76
(30,1129)	1:43:A:MET:HE3	1:144:A:LEU:HD23	8	0.76
(30,881)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	9	0.76
(30,881)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	9	0.76
(30,881)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	9	0.76
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	12	0.76
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	12	0.76
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	12	0.76
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	12	0.76
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	12	0.76
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	12	0.76
(30,679)	1:133:A:ASN:H	1:134:A:VAL:HG21	15	0.76
(30,679)	1:133:A:ASN:H	1:134:A:VAL:HG22	15	0.76
(30,679)	1:133:A:ASN:H	1:134:A:VAL:HG23	15	0.76
(29,2395)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	19	0.76
(29,2395)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	19	0.76
(29,2395)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	19	0.76
(29,2395)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	19	0.76
(29,2395)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	19	0.76
(29,2395)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	19	0.76
(29,2259)	1:74:A:PRO:HA	1:77:A:CYS:HB2	12	0.76
(29,2259)	1:74:A:PRO:HA	1:77:A:CYS:HB3	12	0.76
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD11	17	0.76
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD12	17	0.76
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD13	17	0.76
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD21	17	0.76
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD22	17	0.76
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD23	17	0.76
(29,1899)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	6	0.76
(29,1899)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	6	0.76
(29,1899)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	6	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1899)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	6	0.76
(29,1804)	1:13:A:ALA:H	1:80:A:TYR:HD1	16	0.76
(29,1804)	1:13:A:ALA:H	1:80:A:TYR:HD2	16	0.76
(29,1692)	1:107:A:LEU:H	1:111:A:GLU:HB2	7	0.76
(29,1692)	1:107:A:LEU:H	1:111:A:GLU:HB3	7	0.76
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE1	17	0.76
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE2	17	0.76
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE3	17	0.76
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE1	15	0.76
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE2	15	0.76
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE3	15	0.76
(29,1487)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	19	0.76
(29,1487)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	19	0.76
(29,1487)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	19	0.76
(29,1487)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	19	0.76
(29,1487)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	19	0.76
(29,1487)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	19	0.76
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG11	18	0.76
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG12	18	0.76
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG13	18	0.76
(29,1363)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	19	0.76
(29,1363)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	19	0.76
(29,1363)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	19	0.76
(29,898)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	9	0.76
(29,898)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	9	0.76
(29,898)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	9	0.76
(29,687)	1:133:A:ASN:H	1:134:A:VAL:HG21	15	0.76
(29,687)	1:133:A:ASN:H	1:134:A:VAL:HG22	15	0.76
(29,687)	1:133:A:ASN:H	1:134:A:VAL:HG23	15	0.76
(29,389)	1:106:A:ASP:H	1:112:A:GLN:HE21	19	0.76
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE1	9	0.76
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE2	9	0.76
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE3	9	0.76
(29,257)	1:27:A:ARG:HA	1:29:A:LYS:H	2	0.76
(29,257)	1:27:A:ARG:HA	1:29:A:LYS:H	12	0.76
(29,50)	1:47:A:ALA:H	1:52:A:CYS:HB2	4	0.76
(29,50)	1:47:A:ALA:H	1:52:A:CYS:HB3	4	0.76
(23,13)	1:114:A:ILE:N	1:110:A:MET:O	8	0.76
(23,13)	1:114:A:ILE:N	1:110:A:MET:O	10	0.76
(22,42)	1:129:A:LYS:N	1:125:A:THR:C	8	0.76
(22,42)	1:129:A:LYS:N	1:125:A:THR:C	14	0.76
(22,41)	1:129:A:LYS:H	1:125:A:THR:C	3	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(22,41)	1:129:A:LYS:H	1:125:A:THR:C	15	0.76
(22,40)	1:128:A:LEU:N	1:124:A:THR:C	12	0.76
(22,35)	1:119:A:LEU:H	1:115:A:ALA:C	5	0.76
(22,35)	1:119:A:LEU:H	1:115:A:ALA:C	11	0.76
(22,32)	1:117:A:VAL:N	1:113:A:PHE:C	2	0.76
(22,32)	1:117:A:VAL:N	1:113:A:PHE:C	9	0.76
(22,31)	1:117:A:VAL:H	1:113:A:PHE:C	6	0.76
(22,31)	1:117:A:VAL:H	1:113:A:PHE:C	12	0.76
(22,30)	1:116:A:GLN:N	1:112:A:GLN:C	3	0.76
(22,29)	1:116:A:GLN:H	1:112:A:GLN:C	13	0.76
(22,14)	1:60:A:LEU:N	1:56:A:CYS:C	1	0.76
(22,14)	1:60:A:LEU:N	1:56:A:CYS:C	4	0.76
(22,14)	1:60:A:LEU:N	1:56:A:CYS:C	14	0.76
(22,13)	1:60:A:LEU:H	1:56:A:CYS:C	3	0.76
(22,13)	1:60:A:LEU:H	1:56:A:CYS:C	9	0.76
(22,9)	1:58:A:ILE:H	1:54:A:ARG:C	6	0.76
(22,1)	1:17:A:ASN:H	1:13:A:ALA:C	10	0.76
(19,15)	1:52:A:CYS:SG	1:127:A:CYS:CB	17	0.76
(19,11)	1:127:A:CYS:SG	1:56:A:CYS:CB	18	0.76
(18,2241)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	4	0.76
(18,2241)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	4	0.76
(18,2241)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	4	0.76
(18,2241)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	4	0.76
(18,2241)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	16	0.76
(18,2241)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	16	0.76
(18,2241)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	16	0.76
(18,2241)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	16	0.76
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD11	4	0.76
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD12	4	0.76
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD13	4	0.76
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD21	4	0.76
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD22	4	0.76
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD23	4	0.76
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD11	4	0.76
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD12	4	0.76
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD13	4	0.76
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD21	4	0.76
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD22	4	0.76
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD23	4	0.76
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD11	16	0.76
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD12	16	0.76
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD13	16	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD21	16	0.76
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD22	16	0.76
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD23	16	0.76
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD11	6	0.76
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD12	6	0.76
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD13	6	0.76
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD21	6	0.76
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD22	6	0.76
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD23	6	0.76
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	12	0.76
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	12	0.76
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	12	0.76
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	12	0.76
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	12	0.76
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	12	0.76
(18,1942)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	5	0.76
(18,1942)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	5	0.76
(18,1942)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	5	0.76
(18,1942)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	5	0.76
(18,1942)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	5	0.76
(18,1942)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	5	0.76
(18,1942)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	5	0.76
(18,1942)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	5	0.76
(18,1942)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	5	0.76
(18,1942)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	5	0.76
(18,1942)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	5	0.76
(18,1942)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	5	0.76
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	15	0.76
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	15	0.76
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	15	0.76
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	15	0.76
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	15	0.76
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	15	0.76
(18,1869)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	6	0.76
(18,1869)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	6	0.76
(18,1869)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	6	0.76
(18,1869)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	6	0.76
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	13	0.76
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	13	0.76
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	13	0.76
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	13	0.76
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	13	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	13	0.76
(18,1704)	1:13:A:ALA:HA	1:79:A:THR:HG21	18	0.76
(18,1704)	1:13:A:ALA:HA	1:79:A:THR:HG22	18	0.76
(18,1704)	1:13:A:ALA:HA	1:79:A:THR:HG23	18	0.76
(18,1531)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	3	0.76
(18,1531)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	3	0.76
(18,1531)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	3	0.76
(18,1531)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	3	0.76
(18,1531)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	3	0.76
(18,1531)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	3	0.76
(18,1495)	1:43:A:MET:HA	1:43:A:MET:HE1	4	0.76
(18,1495)	1:43:A:MET:HA	1:43:A:MET:HE2	4	0.76
(18,1495)	1:43:A:MET:HA	1:43:A:MET:HE3	4	0.76
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	6	0.76
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	6	0.76
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	6	0.76
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	6	0.76
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	6	0.76
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	6	0.76
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	6	0.76
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	6	0.76
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	6	0.76
(18,767)	1:147:A:ARG:HA	1:147:A:ARG:HE	7	0.76
(18,671)	1:101:A:ILE:HB	1:103:A:ARG:H	17	0.76
(18,509)	1:97:A:ASP:HB2	1:105:A:LYS:H	17	0.76
(18,509)	1:97:A:ASP:HB3	1:105:A:LYS:H	17	0.76
(18,50)	1:47:A:ALA:H	1:52:A:CYS:HB2	4	0.76
(18,50)	1:47:A:ALA:H	1:52:A:CYS:HB3	4	0.76
(18,47)	1:98:A:ILE:H	1:104:A:PHE:HB3	5	0.76
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	15	0.76
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	15	0.76
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	15	0.76
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	15	0.76
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	15	0.76
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	15	0.76
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	15	0.76
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	15	0.76
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	15	0.76
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	15	0.76
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	15	0.76
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	15	0.76
(17,1921)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	14	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1921)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	14	0.76
(17,1921)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	14	0.76
(17,1921)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	14	0.76
(17,1921)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	14	0.76
(17,1921)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	14	0.76
(17,1866)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	19	0.76
(17,1866)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	19	0.76
(17,1866)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	19	0.76
(17,1866)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	19	0.76
(17,1796)	1:13:A:ALA:H	1:80:A:TYR:HD1	16	0.76
(17,1796)	1:13:A:ALA:H	1:80:A:TYR:HD2	16	0.76
(17,1686)	1:107:A:LEU:H	1:111:A:GLU:HB2	7	0.76
(17,1686)	1:107:A:LEU:H	1:111:A:GLU:HB3	7	0.76
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	13	0.76
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	13	0.76
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	13	0.76
(17,1026)	1:113:A:PHE:HA	1:116:A:GLN:HG3	2	0.76
(17,938)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	2	0.76
(17,938)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	2	0.76
(17,938)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	2	0.76
(17,938)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	2	0.76
(17,931)	1:125:A:THR:HB	1:128:A:LEU:HG	1	0.76
(17,918)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	2	0.76
(17,918)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	2	0.76
(17,918)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	2	0.76
(17,901)	1:69:A:MET:HE1	1:73:A:ILE:HB	5	0.76
(17,901)	1:69:A:MET:HE2	1:73:A:ILE:HB	5	0.76
(17,901)	1:69:A:MET:HE3	1:73:A:ILE:HB	5	0.76
(17,895)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	9	0.76
(17,895)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	9	0.76
(17,895)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	9	0.76
(17,511)	1:70:A:LYS:HG3	1:71:A:LYS:H	11	0.76
(17,488)	1:97:A:ASP:HB2	1:105:A:LYS:H	17	0.76
(17,488)	1:97:A:ASP:HB3	1:105:A:LYS:H	17	0.76
(17,475)	1:147:A:ARG:HD2	1:148:A:CYS:H	19	0.76
(17,475)	1:147:A:ARG:HD3	1:148:A:CYS:H	19	0.76
(17,46)	1:47:A:ALA:H	1:52:A:CYS:HB2	4	0.76
(17,46)	1:47:A:ALA:H	1:52:A:CYS:HB3	4	0.76
(16,2491)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	19	0.76
(16,2491)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	19	0.76
(16,2491)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	19	0.76
(16,2491)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	19	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD11	15	0.76
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD12	15	0.76
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD13	15	0.76
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD21	15	0.76
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD22	15	0.76
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD23	15	0.76
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	15	0.76
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	15	0.76
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	15	0.76
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	15	0.76
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	15	0.76
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	15	0.76
(16,1712)	1:13:A:ALA:HA	1:79:A:THR:HG21	18	0.76
(16,1712)	1:13:A:ALA:HA	1:79:A:THR:HG22	18	0.76
(16,1712)	1:13:A:ALA:HA	1:79:A:THR:HG23	18	0.76
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD11	16	0.76
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD12	16	0.76
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD13	16	0.76
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE1	15	0.76
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE2	15	0.76
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE3	15	0.76
(16,1478)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	19	0.76
(16,1478)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	19	0.76
(16,1478)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	19	0.76
(16,1478)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	19	0.76
(16,1478)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	19	0.76
(16,1478)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	19	0.76
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	9	0.76
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	9	0.76
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	9	0.76
(16,1051)	1:11:A:ILE:HG12	1:43:A:MET:HB3	12	0.76
(16,1008)	1:105:A:LYS:HD2	1:107:A:LEU:H	16	0.76
(16,1008)	1:105:A:LYS:HD3	1:107:A:LEU:H	16	0.76
(16,1005)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	12	0.76
(16,1005)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	12	0.76
(16,966)	1:40:A:LEU:HA	1:43:A:MET:HG2	2	0.76
(16,910)	1:69:A:MET:HE1	1:73:A:ILE:HB	5	0.76
(16,910)	1:69:A:MET:HE2	1:73:A:ILE:HB	5	0.76
(16,910)	1:69:A:MET:HE3	1:73:A:ILE:HB	5	0.76
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	12	0.76
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	12	0.76
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	12	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	12	0.76
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	12	0.76
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	12	0.76
(16,688)	1:133:A:ASN:H	1:134:A:VAL:HG21	15	0.76
(16,688)	1:133:A:ASN:H	1:134:A:VAL:HG22	15	0.76
(16,688)	1:133:A:ASN:H	1:134:A:VAL:HG23	15	0.76
(16,513)	1:70:A:LYS:HE2	1:71:A:LYS:H	15	0.76
(16,513)	1:70:A:LYS:HE3	1:71:A:LYS:H	15	0.76
(16,391)	1:106:A:ASP:H	1:112:A:GLN:HE21	19	0.76
(16,262)	1:27:A:ARG:HA	1:29:A:LYS:H	2	0.76
(16,262)	1:27:A:ARG:HA	1:29:A:LYS:H	12	0.76
(16,222)	1:44:A:GLU:HB2	1:48:A:ARG:H	11	0.76
(16,222)	1:44:A:GLU:HB3	1:48:A:ARG:H	11	0.76
(16,46)	1:47:A:ALA:H	1:52:A:CYS:HB2	4	0.76
(16,46)	1:47:A:ALA:H	1:52:A:CYS:HB3	4	0.76
(16,43)	1:98:A:ILE:H	1:104:A:PHE:HB2	5	0.76
(16,43)	1:98:A:ILE:H	1:104:A:PHE:HB3	5	0.76
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB2	5	0.76
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB3	5	0.76
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB2	5	0.76
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB3	5	0.76
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB2	5	0.76
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB3	5	0.76
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB2	5	0.76
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB3	5	0.76
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB2	5	0.76
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB3	5	0.76
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB2	5	0.76
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB3	5	0.76
(15,2493)	1:144:A:LEU:HD11	1:147:A:ARG:HA	2	0.76
(15,2493)	1:144:A:LEU:HD12	1:147:A:ARG:HA	2	0.76
(15,2493)	1:144:A:LEU:HD13	1:147:A:ARG:HA	2	0.76
(15,2493)	1:144:A:LEU:HD21	1:147:A:ARG:HA	2	0.76
(15,2493)	1:144:A:LEU:HD22	1:147:A:ARG:HA	2	0.76
(15,2493)	1:144:A:LEU:HD23	1:147:A:ARG:HA	2	0.76
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG2	3	0.76
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG3	3	0.76
(15,1904)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	12	0.76
(15,1904)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	12	0.76
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	15	0.76
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	15	0.76
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	15	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	15	0.76
(15,1664)	1:107:A:LEU:H	1:111:A:GLU:HB2	7	0.76
(15,1664)	1:107:A:LEU:H	1:111:A:GLU:HB3	7	0.76
(15,1619)	1:13:A:ALA:HA	1:80:A:TYR:HB3	8	0.76
(15,1471)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	19	0.76
(15,1471)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	19	0.76
(15,1471)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	19	0.76
(15,1471)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	19	0.76
(15,1471)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	19	0.76
(15,1471)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	19	0.76
(15,1212)	1:69:A:MET:HE1	1:110:A:MET:HA	19	0.76
(15,1212)	1:69:A:MET:HE2	1:110:A:MET:HA	19	0.76
(15,1212)	1:69:A:MET:HE3	1:110:A:MET:HA	19	0.76
(15,887)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	9	0.76
(15,887)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	9	0.76
(15,887)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	9	0.76
(15,817)	1:98:A:ILE:HD11	1:104:A:PHE:HB2	3	0.76
(15,817)	1:98:A:ILE:HD12	1:104:A:PHE:HB2	3	0.76
(15,817)	1:98:A:ILE:HD13	1:104:A:PHE:HB2	3	0.76
(15,588)	1:126:A:GLY:H	1:128:A:LEU:HG	11	0.76
(15,390)	1:106:A:ASP:H	1:112:A:GLN:HE21	19	0.76
(15,223)	1:44:A:GLU:HB2	1:48:A:ARG:H	11	0.76
(15,223)	1:44:A:GLU:HB3	1:48:A:ARG:H	11	0.76
(15,49)	1:47:A:ALA:H	1:52:A:CYS:HB2	4	0.76
(15,49)	1:47:A:ALA:H	1:52:A:CYS:HB3	4	0.76
(13,2468)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	19	0.76
(13,2468)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	19	0.76
(13,2468)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	19	0.76
(13,2468)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	19	0.76
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD11	16	0.76
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD12	16	0.76
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD13	16	0.76
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD21	16	0.76
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD22	16	0.76
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD23	16	0.76
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD11	12	0.76
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD12	12	0.76
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD13	12	0.76
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD21	12	0.76
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD22	12	0.76
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD23	12	0.76
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD11	6	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD12	6	0.76
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD13	6	0.76
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD21	6	0.76
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD22	6	0.76
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD23	6	0.76
(13,1817)	1:9:A:PHE:HZ	1:58:A:ILE:HG13	18	0.76
(13,1745)	1:13:A:ALA:H	1:80:A:TYR:HD1	16	0.76
(13,1745)	1:13:A:ALA:H	1:80:A:TYR:HD2	16	0.76
(13,1637)	1:107:A:LEU:H	1:111:A:GLU:HB2	7	0.76
(13,1637)	1:107:A:LEU:H	1:111:A:GLU:HB3	7	0.76
(13,905)	1:125:A:THR:HB	1:128:A:LEU:HG	1	0.76
(13,883)	1:69:A:MET:HE1	1:73:A:ILE:HB	5	0.76
(13,883)	1:69:A:MET:HE2	1:73:A:ILE:HB	5	0.76
(13,883)	1:69:A:MET:HE3	1:73:A:ILE:HB	5	0.76
(13,875)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	9	0.76
(13,875)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	9	0.76
(13,875)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	9	0.76
(13,857)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	9	0.76
(13,857)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	9	0.76
(13,383)	1:106:A:ASP:H	1:112:A:GLN:HE21	19	0.76
(13,43)	1:47:A:ALA:H	1:52:A:CYS:HB2	4	0.76
(13,43)	1:47:A:ALA:H	1:52:A:CYS:HB3	4	0.76
(11,1943)	1:11:A:ILE:HD11	1:18:A:PHE:HZ	7	0.76
(11,1943)	1:11:A:ILE:HD12	1:18:A:PHE:HZ	7	0.76
(11,1943)	1:11:A:ILE:HD13	1:18:A:PHE:HZ	7	0.76
(11,1941)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	3	0.76
(11,1941)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	3	0.76
(11,1822)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	5	0.76
(11,1822)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	5	0.76
(11,1822)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	5	0.76
(11,1822)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	5	0.76
(11,1822)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	5	0.76
(11,1822)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	5	0.76
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD2	6	0.76
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD3	6	0.76
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD2	6	0.76
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD3	6	0.76
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD2	6	0.76
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD3	6	0.76
(11,1756)	1:13:A:ALA:HA	1:79:A:THR:HG21	18	0.76
(11,1756)	1:13:A:ALA:HA	1:79:A:THR:HG22	18	0.76
(11,1756)	1:13:A:ALA:HA	1:79:A:THR:HG23	18	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1704)	1:107:A:LEU:H	1:111:A:GLU:HB2	7	0.76
(11,1704)	1:107:A:LEU:H	1:111:A:GLU:HB3	7	0.76
(11,974)	1:11:A:ILE:HG12	1:14:A:VAL:HB	9	0.76
(11,974)	1:11:A:ILE:HG12	1:14:A:VAL:HB	19	0.76
(11,637)	1:59:A:CYS:H	1:60:A:LEU:HB3	3	0.76
(11,583)	1:128:A:LEU:HD11	1:130:A:GLY:H	8	0.76
(11,583)	1:128:A:LEU:HD12	1:130:A:GLY:H	8	0.76
(11,583)	1:128:A:LEU:HD13	1:130:A:GLY:H	8	0.76
(11,494)	1:97:A:ASP:HB2	1:105:A:LYS:H	17	0.76
(11,494)	1:97:A:ASP:HB3	1:105:A:LYS:H	17	0.76
(11,392)	1:106:A:ASP:H	1:112:A:GLN:HE21	19	0.76
(11,314)	1:64:A:LYS:HD2	1:65:A:CYS:H	4	0.76
(11,314)	1:64:A:LYS:HD3	1:65:A:CYS:H	4	0.76
(11,50)	1:47:A:ALA:H	1:52:A:CYS:HB2	4	0.76
(11,50)	1:47:A:ALA:H	1:52:A:CYS:HB3	4	0.76
(9,2162)	1:60:A:LEU:HG	1:61:A:SER:HB2	11	0.76
(9,2162)	1:60:A:LEU:HG	1:61:A:SER:HB3	11	0.76
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD11	5	0.76
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD12	5	0.76
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD13	5	0.76
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD21	5	0.76
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD22	5	0.76
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD23	5	0.76
(9,2002)	1:17:A:ASN:HD21	1:79:A:THR:H	1	0.76
(9,2002)	1:17:A:ASN:HD22	1:79:A:THR:H	1	0.76
(9,1943)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	2	0.76
(9,1943)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	2	0.76
(9,1943)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	2	0.76
(9,1943)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	2	0.76
(9,1712)	1:13:A:ALA:HA	1:79:A:THR:HG21	18	0.76
(9,1712)	1:13:A:ALA:HA	1:79:A:THR:HG22	18	0.76
(9,1712)	1:13:A:ALA:HA	1:79:A:THR:HG23	18	0.76
(9,1661)	1:107:A:LEU:H	1:111:A:GLU:HB2	7	0.76
(9,1661)	1:107:A:LEU:H	1:111:A:GLU:HB3	7	0.76
(9,1650)	1:69:A:MET:HE1	1:116:A:GLN:HE22	6	0.76
(9,1650)	1:69:A:MET:HE2	1:116:A:GLN:HE22	6	0.76
(9,1650)	1:69:A:MET:HE3	1:116:A:GLN:HE22	6	0.76
(9,1255)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	8	0.76
(9,1255)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	8	0.76
(9,1255)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	8	0.76
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB1	5	0.76
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB2	5	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB3	5	0.76
(9,914)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	16	0.76
(9,634)	1:59:A:CYS:H	1:60:A:LEU:HB3	13	0.76
(9,588)	1:70:A:LYS:HB2	1:75:A:GLY:H	6	0.76
(9,588)	1:70:A:LYS:HB3	1:75:A:GLY:H	6	0.76
(9,396)	1:106:A:ASP:H	1:112:A:GLN:HE21	19	0.76
(9,45)	1:98:A:ILE:H	1:104:A:PHE:HB3	3	0.76
(7,2426)	1:136:A:CYS:HB2	1:141:A:LYS:HA	12	0.76
(7,2426)	1:136:A:CYS:HB3	1:141:A:LYS:HA	12	0.76
(7,2423)	1:134:A:VAL:HG11	1:137:A:SER:H	18	0.76
(7,2423)	1:134:A:VAL:HG12	1:137:A:SER:H	18	0.76
(7,2423)	1:134:A:VAL:HG13	1:137:A:SER:H	18	0.76
(7,2423)	1:134:A:VAL:HG21	1:137:A:SER:H	18	0.76
(7,2423)	1:134:A:VAL:HG22	1:137:A:SER:H	18	0.76
(7,2423)	1:134:A:VAL:HG23	1:137:A:SER:H	18	0.76
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD1	2	0.76
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD2	2	0.76
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD1	2	0.76
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD2	2	0.76
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD11	8	0.76
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD12	8	0.76
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD13	8	0.76
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD21	8	0.76
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD22	8	0.76
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD23	8	0.76
(7,1747)	1:13:A:ALA:H	1:80:A:TYR:HD1	16	0.76
(7,1747)	1:13:A:ALA:H	1:80:A:TYR:HD2	16	0.76
(7,1639)	1:107:A:LEU:H	1:111:A:GLU:HB2	7	0.76
(7,1639)	1:107:A:LEU:H	1:111:A:GLU:HB3	7	0.76
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE1	10	0.76
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE2	10	0.76
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE3	10	0.76
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	13	0.76
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	13	0.76
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	13	0.76
(7,1456)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	19	0.76
(7,1456)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	19	0.76
(7,1456)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	19	0.76
(7,1456)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	19	0.76
(7,1456)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	19	0.76
(7,1456)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	19	0.76
(7,1197)	1:11:A:ILE:HD11	1:131:A:LEU:HA	7	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1197)	1:11:A:ILE:HD12	1:131:A:LEU:HA	7	0.76
(7,1197)	1:11:A:ILE:HD13	1:131:A:LEU:HA	7	0.76
(7,978)	1:35:A:LEU:HG	1:143:A:TRP:HB3	14	0.76
(7,877)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	9	0.76
(7,877)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	9	0.76
(7,877)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	9	0.76
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	12	0.76
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	12	0.76
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	12	0.76
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	12	0.76
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	12	0.76
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	12	0.76
(7,496)	1:97:A:ASP:HB2	1:105:A:LYS:H	17	0.76
(7,496)	1:97:A:ASP:HB3	1:105:A:LYS:H	17	0.76
(7,484)	1:145:A:PRO:HB3	1:148:A:CYS:H	18	0.76
(7,471)	1:12:A:VAL:HG11	1:14:A:VAL:H	7	0.76
(7,471)	1:12:A:VAL:HG12	1:14:A:VAL:H	7	0.76
(7,471)	1:12:A:VAL:HG13	1:14:A:VAL:H	7	0.76
(7,258)	1:27:A:ARG:HA	1:29:A:LYS:H	2	0.76
(7,258)	1:27:A:ARG:HA	1:29:A:LYS:H	12	0.76
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG2	3	0.76
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG3	3	0.76
(6,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	4	0.76
(6,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	4	0.76
(6,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	4	0.76
(6,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	4	0.76
(6,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	16	0.76
(6,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	16	0.76
(6,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	16	0.76
(6,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	16	0.76
(6,2143)	1:43:A:MET:HB2	1:140:A:LEU:HG	9	0.76
(6,2143)	1:43:A:MET:HB3	1:140:A:LEU:HG	9	0.76
(6,1721)	1:13:A:ALA:HA	1:79:A:THR:HG21	18	0.76
(6,1721)	1:13:A:ALA:HA	1:79:A:THR:HG22	18	0.76
(6,1721)	1:13:A:ALA:HA	1:79:A:THR:HG23	18	0.76
(6,1698)	1:43:A:MET:HE1	1:137:A:SER:H	6	0.76
(6,1698)	1:43:A:MET:HE2	1:137:A:SER:H	6	0.76
(6,1698)	1:43:A:MET:HE3	1:137:A:SER:H	6	0.76
(6,1671)	1:107:A:LEU:H	1:111:A:GLU:HB2	7	0.76
(6,1671)	1:107:A:LEU:H	1:111:A:GLU:HB3	7	0.76
(6,1505)	1:43:A:MET:HE1	1:46:A:ASN:HB2	8	0.76
(6,1505)	1:43:A:MET:HE2	1:46:A:ASN:HB2	8	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1505)	1:43:A:MET:HE3	1:46:A:ASN:HB2	8	0.76
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE1	10	0.76
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE2	10	0.76
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE3	10	0.76
(6,882)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	9	0.76
(6,882)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	9	0.76
(6,882)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	9	0.76
(6,742)	1:147:A:ARG:HA	1:147:A:ARG:HE	7	0.76
(6,630)	1:59:A:CYS:H	1:60:A:LEU:HB3	13	0.76
(6,582)	1:70:A:LYS:HB2	1:75:A:GLY:H	6	0.76
(6,582)	1:70:A:LYS:HB3	1:75:A:GLY:H	6	0.76
(6,491)	1:97:A:ASP:HB2	1:105:A:LYS:H	17	0.76
(6,491)	1:97:A:ASP:HB3	1:105:A:LYS:H	17	0.76
(6,385)	1:106:A:ASP:H	1:112:A:GLN:HE21	19	0.76
(6,44)	1:47:A:ALA:H	1:52:A:CYS:HB2	4	0.76
(6,44)	1:47:A:ALA:H	1:52:A:CYS:HB3	4	0.76
(6,40)	1:98:A:ILE:H	1:104:A:PHE:HB3	5	0.76
(5,2470)	1:144:A:LEU:HD11	1:147:A:ARG:HA	2	0.76
(5,2470)	1:144:A:LEU:HD12	1:147:A:ARG:HA	2	0.76
(5,2470)	1:144:A:LEU:HD13	1:147:A:ARG:HA	2	0.76
(5,2470)	1:144:A:LEU:HD21	1:147:A:ARG:HA	2	0.76
(5,2470)	1:144:A:LEU:HD22	1:147:A:ARG:HA	2	0.76
(5,2470)	1:144:A:LEU:HD23	1:147:A:ARG:HA	2	0.76
(5,1926)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	14	0.76
(5,1926)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	14	0.76
(5,1926)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	14	0.76
(5,1926)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	14	0.76
(5,1926)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	14	0.76
(5,1926)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	14	0.76
(5,1623)	1:73:A:ILE:HG21	1:111:A:GLU:H	2	0.76
(5,1623)	1:73:A:ILE:HG22	1:111:A:GLU:H	2	0.76
(5,1623)	1:73:A:ILE:HG23	1:111:A:GLU:H	2	0.76
(5,1623)	1:73:A:ILE:HG21	1:111:A:GLU:H	5	0.76
(5,1623)	1:73:A:ILE:HG22	1:111:A:GLU:H	5	0.76
(5,1623)	1:73:A:ILE:HG23	1:111:A:GLU:H	5	0.76
(5,1576)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	11	0.76
(5,1576)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	11	0.76
(5,1576)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	11	0.76
(5,1534)	1:69:A:MET:HE1	1:116:A:GLN:HE22	6	0.76
(5,1534)	1:69:A:MET:HE2	1:116:A:GLN:HE22	6	0.76
(5,1534)	1:69:A:MET:HE3	1:116:A:GLN:HE22	6	0.76
(5,1481)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	18	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1481)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	18	0.76
(5,1481)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	18	0.76
(5,1481)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	18	0.76
(5,1481)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	18	0.76
(5,1481)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	18	0.76
(5,1481)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	18	0.76
(5,1481)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	18	0.76
(5,1481)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	18	0.76
(5,1033)	1:11:A:ILE:HG13	1:44:A:GLU:HG3	6	0.76
(5,1031)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	16	0.76
(5,936)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	11	0.76
(5,936)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	11	0.76
(5,892)	1:69:A:MET:HE1	1:73:A:ILE:HB	5	0.76
(5,892)	1:69:A:MET:HE2	1:73:A:ILE:HB	5	0.76
(5,892)	1:69:A:MET:HE3	1:73:A:ILE:HB	5	0.76
(5,882)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	9	0.76
(5,882)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	9	0.76
(5,882)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	9	0.76
(5,680)	1:133:A:ASN:H	1:134:A:VAL:HG21	15	0.76
(5,680)	1:133:A:ASN:H	1:134:A:VAL:HG22	15	0.76
(5,680)	1:133:A:ASN:H	1:134:A:VAL:HG23	15	0.76
(5,630)	1:9:A:PHE:HE1	1:15:A:ALA:H	19	0.76
(5,630)	1:9:A:PHE:HE2	1:15:A:ALA:H	19	0.76
(5,44)	1:47:A:ALA:H	1:52:A:CYS:HB2	4	0.76
(5,44)	1:47:A:ALA:H	1:52:A:CYS:HB3	4	0.76
(4,2462)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	10	0.76
(4,2462)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	10	0.76
(4,2462)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	10	0.76
(4,2462)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	10	0.76
(4,2462)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	10	0.76
(4,2462)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	10	0.76
(4,2428)	1:134:A:VAL:HG11	1:137:A:SER:H	18	0.76
(4,2428)	1:134:A:VAL:HG12	1:137:A:SER:H	18	0.76
(4,2428)	1:134:A:VAL:HG13	1:137:A:SER:H	18	0.76
(4,2428)	1:134:A:VAL:HG21	1:137:A:SER:H	18	0.76
(4,2428)	1:134:A:VAL:HG22	1:137:A:SER:H	18	0.76
(4,2428)	1:134:A:VAL:HG23	1:137:A:SER:H	18	0.76
(4,2036)	1:23:A:LEU:HD11	1:25:A:ALA:H	10	0.76
(4,2036)	1:23:A:LEU:HD12	1:25:A:ALA:H	10	0.76
(4,2036)	1:23:A:LEU:HD13	1:25:A:ALA:H	10	0.76
(4,2036)	1:23:A:LEU:HD21	1:25:A:ALA:H	10	0.76
(4,2036)	1:23:A:LEU:HD22	1:25:A:ALA:H	10	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2036)	1:23:A:LEU:HD23	1:25:A:ALA:H	10	0.76
(4,1981)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	14	0.76
(4,1981)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	14	0.76
(4,1981)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	14	0.76
(4,1981)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	14	0.76
(4,1981)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	14	0.76
(4,1981)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	14	0.76
(4,1799)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	1	0.76
(4,1799)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	1	0.76
(4,1799)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	1	0.76
(4,1799)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	1	0.76
(4,1799)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	1	0.76
(4,1799)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	1	0.76
(4,1699)	1:13:A:ALA:HA	1:79:A:THR:HG21	18	0.76
(4,1699)	1:13:A:ALA:HA	1:79:A:THR:HG22	18	0.76
(4,1699)	1:13:A:ALA:HA	1:79:A:THR:HG23	18	0.76
(4,1647)	1:107:A:LEU:H	1:111:A:GLU:HB2	7	0.76
(4,1647)	1:107:A:LEU:H	1:111:A:GLU:HB3	7	0.76
(4,1515)	1:69:A:MET:HE1	1:76:A:ARG:HG2	10	0.76
(4,1515)	1:69:A:MET:HE1	1:76:A:ARG:HG3	10	0.76
(4,1515)	1:69:A:MET:HE2	1:76:A:ARG:HG2	10	0.76
(4,1515)	1:69:A:MET:HE2	1:76:A:ARG:HG3	10	0.76
(4,1515)	1:69:A:MET:HE3	1:76:A:ARG:HG2	10	0.76
(4,1515)	1:69:A:MET:HE3	1:76:A:ARG:HG3	10	0.76
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE1	8	0.76
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE2	8	0.76
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE3	8	0.76
(4,1389)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	7	0.76
(4,1389)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	7	0.76
(4,1389)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	7	0.76
(4,739)	1:147:A:ARG:HA	1:147:A:ARG:HE	7	0.76
(4,610)	1:23:A:LEU:HD21	1:25:A:ALA:H	17	0.76
(4,610)	1:23:A:LEU:HD22	1:25:A:ALA:H	17	0.76
(4,610)	1:23:A:LEU:HD23	1:25:A:ALA:H	17	0.76
(4,377)	1:106:A:ASP:H	1:112:A:GLN:HE21	19	0.76
(3,2306)	1:79:A:THR:HG21	1:81:A:GLU:HB2	17	0.76
(3,2306)	1:79:A:THR:HG21	1:81:A:GLU:HB3	17	0.76
(3,2306)	1:79:A:THR:HG22	1:81:A:GLU:HB2	17	0.76
(3,2306)	1:79:A:THR:HG22	1:81:A:GLU:HB3	17	0.76
(3,2306)	1:79:A:THR:HG23	1:81:A:GLU:HB2	17	0.76
(3,2306)	1:79:A:THR:HG23	1:81:A:GLU:HB3	17	0.76
(3,2104)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	19	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2104)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	19	0.76
(3,2104)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	19	0.76
(3,2104)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	19	0.76
(3,2104)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	19	0.76
(3,2104)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	19	0.76
(3,2104)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	19	0.76
(3,2104)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	19	0.76
(3,2104)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	19	0.76
(3,2104)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	19	0.76
(3,2104)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	19	0.76
(3,2104)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	19	0.76
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE1	2	0.76
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE2	2	0.76
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE1	2	0.76
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE2	2	0.76
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE1	9	0.76
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE2	9	0.76
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE1	9	0.76
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE2	9	0.76
(3,1976)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	2	0.76
(3,1976)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	2	0.76
(3,1976)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	2	0.76
(3,1976)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	2	0.76
(3,1949)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	3	0.76
(3,1949)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	3	0.76
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD1	4	0.76
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD2	4	0.76
(3,1752)	1:13:A:ALA:HA	1:79:A:THR:HG21	18	0.76
(3,1752)	1:13:A:ALA:HA	1:79:A:THR:HG22	18	0.76
(3,1752)	1:13:A:ALA:HA	1:79:A:THR:HG23	18	0.76
(3,1696)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	11	0.76
(3,1696)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	11	0.76
(3,1092)	1:44:A:GLU:HA	1:48:A:ARG:HB2	6	0.76
(3,1092)	1:44:A:GLU:HA	1:48:A:ARG:HB3	6	0.76
(3,982)	1:69:A:MET:H	1:109:A:PRO:HB2	1	0.76
(3,982)	1:69:A:MET:H	1:109:A:PRO:HB3	1	0.76
(3,660)	1:66:A:THR:H	1:116:A:GLN:HE22	6	0.76
(3,390)	1:106:A:ASP:H	1:112:A:GLN:HE21	19	0.76
(3,381)	1:40:A:LEU:HD11	1:41:A:LYS:H	4	0.76
(3,381)	1:40:A:LEU:HD12	1:41:A:LYS:H	4	0.76
(3,381)	1:40:A:LEU:HD13	1:41:A:LYS:H	4	0.76
(3,381)	1:40:A:LEU:HD11	1:41:A:LYS:H	15	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,381)	1:40:A:LEU:HD12	1:41:A:LYS:H	15	0.76
(3,381)	1:40:A:LEU:HD13	1:41:A:LYS:H	15	0.76
(3,255)	1:27:A:ARG:HA	1:29:A:LYS:H	2	0.76
(3,255)	1:27:A:ARG:HA	1:29:A:LYS:H	12	0.76
(3,47)	1:98:A:ILE:H	1:104:A:PHE:HB3	5	0.76
(2,2228)	1:60:A:LEU:HD11	1:61:A:SER:HB2	5	0.76
(2,2228)	1:60:A:LEU:HD11	1:61:A:SER:HB3	5	0.76
(2,2228)	1:60:A:LEU:HD12	1:61:A:SER:HB2	5	0.76
(2,2228)	1:60:A:LEU:HD12	1:61:A:SER:HB3	5	0.76
(2,2228)	1:60:A:LEU:HD13	1:61:A:SER:HB2	5	0.76
(2,2228)	1:60:A:LEU:HD13	1:61:A:SER:HB3	5	0.76
(2,2227)	1:60:A:LEU:HG	1:61:A:SER:HB2	11	0.76
(2,2227)	1:60:A:LEU:HG	1:61:A:SER:HB3	11	0.76
(2,2056)	1:23:A:LEU:HD11	1:25:A:ALA:H	10	0.76
(2,2056)	1:23:A:LEU:HD12	1:25:A:ALA:H	10	0.76
(2,2056)	1:23:A:LEU:HD13	1:25:A:ALA:H	10	0.76
(2,2056)	1:23:A:LEU:HD21	1:25:A:ALA:H	10	0.76
(2,2056)	1:23:A:LEU:HD22	1:25:A:ALA:H	10	0.76
(2,2056)	1:23:A:LEU:HD23	1:25:A:ALA:H	10	0.76
(2,2013)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	14	0.76
(2,2013)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	14	0.76
(2,2013)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	14	0.76
(2,2013)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	14	0.76
(2,2013)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	14	0.76
(2,2013)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	14	0.76
(2,1932)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	3	0.76
(2,1932)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	3	0.76
(2,1932)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	3	0.76
(2,1932)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	3	0.76
(2,1805)	1:13:A:ALA:H	1:80:A:TYR:HD1	16	0.76
(2,1805)	1:13:A:ALA:H	1:80:A:TYR:HD2	16	0.76
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB2	1	0.76
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB3	1	0.76
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB2	1	0.76
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB3	1	0.76
(2,1739)	1:13:A:ALA:HA	1:79:A:THR:HG21	18	0.76
(2,1739)	1:13:A:ALA:HA	1:79:A:THR:HG22	18	0.76
(2,1739)	1:13:A:ALA:HA	1:79:A:THR:HG23	18	0.76
(2,1675)	1:69:A:MET:HE1	1:116:A:GLN:HE22	6	0.76
(2,1675)	1:69:A:MET:HE2	1:116:A:GLN:HE22	6	0.76
(2,1675)	1:69:A:MET:HE3	1:116:A:GLN:HE22	6	0.76
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	2	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	2	0.76
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	2	0.76
(2,981)	1:105:A:LYS:HD2	1:107:A:LEU:H	14	0.76
(2,981)	1:105:A:LYS:HD3	1:107:A:LEU:H	14	0.76
(2,886)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	9	0.76
(2,886)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	9	0.76
(2,886)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	9	0.76
(2,617)	1:23:A:LEU:HD21	1:25:A:ALA:H	17	0.76
(2,617)	1:23:A:LEU:HD22	1:25:A:ALA:H	17	0.76
(2,617)	1:23:A:LEU:HD23	1:25:A:ALA:H	17	0.76
(2,44)	1:47:A:ALA:H	1:52:A:CYS:HB2	4	0.76
(2,44)	1:47:A:ALA:H	1:52:A:CYS:HB3	4	0.76
(2,41)	1:98:A:ILE:H	1:104:A:PHE:HB2	5	0.76
(2,41)	1:98:A:ILE:H	1:104:A:PHE:HB3	5	0.76
(1,2124)	1:40:A:LEU:HD11	1:43:A:MET:HG3	9	0.76
(1,2124)	1:40:A:LEU:HD12	1:43:A:MET:HG3	9	0.76
(1,2124)	1:40:A:LEU:HD13	1:43:A:MET:HG3	9	0.76
(1,2124)	1:40:A:LEU:HD21	1:43:A:MET:HG3	9	0.76
(1,2124)	1:40:A:LEU:HD22	1:43:A:MET:HG3	9	0.76
(1,2124)	1:40:A:LEU:HD23	1:43:A:MET:HG3	9	0.76
(1,1934)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	3	0.76
(1,1934)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	3	0.76
(1,1864)	1:80:A:TYR:HE1	1:81:A:GLU:HB2	2	0.76
(1,1864)	1:80:A:TYR:HE2	1:81:A:GLU:HB2	2	0.76
(1,1836)	1:9:A:PHE:HZ	1:57:A:LEU:HA	9	0.76
(1,1681)	1:107:A:LEU:H	1:111:A:GLU:HB2	7	0.76
(1,1681)	1:107:A:LEU:H	1:111:A:GLU:HB3	7	0.76
(1,1514)	1:43:A:MET:HA	1:43:A:MET:HE1	4	0.76
(1,1514)	1:43:A:MET:HA	1:43:A:MET:HE2	4	0.76
(1,1514)	1:43:A:MET:HA	1:43:A:MET:HE3	4	0.76
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE1	15	0.76
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE2	15	0.76
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE3	15	0.76
(1,1412)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	7	0.76
(1,1412)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	7	0.76
(1,1412)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	7	0.76
(1,1359)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	19	0.76
(1,1359)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	19	0.76
(1,1359)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	19	0.76
(1,1010)	1:102:A:PRO:HA	1:105:A:LYS:HB2	11	0.76
(1,1010)	1:102:A:PRO:HA	1:105:A:LYS:HB3	11	0.76
(1,1010)	1:102:A:PRO:HA	1:105:A:LYS:HB2	17	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1010)	1:102:A:PRO:HA	1:105:A:LYS:HB3	17	0.76
(1,972)	1:40:A:LEU:HA	1:43:A:MET:HG2	14	0.76
(1,908)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	9	0.76
(1,908)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	9	0.76
(1,908)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	9	0.76
(1,498)	1:97:A:ASP:HB2	1:105:A:LYS:H	17	0.76
(1,498)	1:97:A:ASP:HB3	1:105:A:LYS:H	17	0.76
(1,391)	1:106:A:ASP:H	1:112:A:GLN:HE21	19	0.76
(1,52)	1:47:A:ALA:H	1:52:A:CYS:HB2	4	0.76
(1,52)	1:47:A:ALA:H	1:52:A:CYS:HB3	4	0.76
(34,2428)	1:129:A:LYS:HG2	1:130:A:GLY:H	19	0.75
(34,2428)	1:129:A:LYS:HG3	1:130:A:GLY:H	19	0.75
(34,2148)	1:42:A:GLU:HB2	1:139:A:LEU:HD11	17	0.75
(34,2148)	1:42:A:GLU:HB2	1:139:A:LEU:HD12	17	0.75
(34,2148)	1:42:A:GLU:HB2	1:139:A:LEU:HD13	17	0.75
(34,2148)	1:42:A:GLU:HB2	1:139:A:LEU:HD21	17	0.75
(34,2148)	1:42:A:GLU:HB2	1:139:A:LEU:HD22	17	0.75
(34,2148)	1:42:A:GLU:HB2	1:139:A:LEU:HD23	17	0.75
(34,2148)	1:42:A:GLU:HB3	1:139:A:LEU:HD11	17	0.75
(34,2148)	1:42:A:GLU:HB3	1:139:A:LEU:HD12	17	0.75
(34,2148)	1:42:A:GLU:HB3	1:139:A:LEU:HD13	17	0.75
(34,2148)	1:42:A:GLU:HB3	1:139:A:LEU:HD21	17	0.75
(34,2148)	1:42:A:GLU:HB3	1:139:A:LEU:HD22	17	0.75
(34,2148)	1:42:A:GLU:HB3	1:139:A:LEU:HD23	17	0.75
(34,1994)	1:14:A:VAL:HG11	1:18:A:PHE:HA	11	0.75
(34,1994)	1:14:A:VAL:HG12	1:18:A:PHE:HA	11	0.75
(34,1994)	1:14:A:VAL:HG13	1:18:A:PHE:HA	11	0.75
(34,1994)	1:14:A:VAL:HG21	1:18:A:PHE:HA	11	0.75
(34,1994)	1:14:A:VAL:HG22	1:18:A:PHE:HA	11	0.75
(34,1994)	1:14:A:VAL:HG23	1:18:A:PHE:HA	11	0.75
(34,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	1	0.75
(34,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	1	0.75
(34,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	1	0.75
(34,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	1	0.75
(34,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	1	0.75
(34,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	1	0.75
(34,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	1	0.75
(34,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	1	0.75
(34,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	1	0.75
(34,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	1	0.75
(34,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	1	0.75
(34,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	1	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	3	0.75
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	3	0.75
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	3	0.75
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	9	0.75
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	9	0.75
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	9	0.75
(34,1775)	1:97:A:ASP:HA	1:105:A:LYS:HG3	4	0.75
(34,1775)	1:97:A:ASP:HA	1:105:A:LYS:HG3	19	0.75
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE1	12	0.75
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE2	12	0.75
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE3	12	0.75
(34,1490)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	19	0.75
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	11	0.75
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	11	0.75
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	11	0.75
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG21	5	0.75
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG22	5	0.75
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG23	5	0.75
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	18	0.75
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	18	0.75
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	18	0.75
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	18	0.75
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	18	0.75
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	18	0.75
(34,1250)	1:105:A:LYS:HG2	1:106:A:ASP:HA	7	0.75
(34,1250)	1:105:A:LYS:HG2	1:106:A:ASP:HA	17	0.75
(34,1161)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	14	0.75
(34,1161)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	14	0.75
(34,1161)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	14	0.75
(34,1161)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	14	0.75
(34,1161)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	14	0.75
(34,1161)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	14	0.75
(34,1046)	1:34:A:LYS:H	1:81:A:GLU:HB3	9	0.75
(34,972)	1:40:A:LEU:HA	1:43:A:MET:HG3	9	0.75
(34,942)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	15	0.75
(34,942)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	15	0.75
(34,942)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	15	0.75
(34,942)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	15	0.75
(34,914)	1:69:A:MET:HE1	1:73:A:ILE:HB	8	0.75
(34,914)	1:69:A:MET:HE2	1:73:A:ILE:HB	8	0.75
(34,914)	1:69:A:MET:HE3	1:73:A:ILE:HB	8	0.75
(34,742)	1:45:A:ALA:H	1:46:A:ASN:HD21	10	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,643)	1:59:A:CYS:H	1:60:A:LEU:HB3	9	0.75
(34,643)	1:59:A:CYS:H	1:60:A:LEU:HB3	10	0.75
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD21	6	0.75
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD22	6	0.75
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD23	6	0.75
(34,404)	1:105:A:LYS:HG3	1:106:A:ASP:H	12	0.75
(34,330)	1:44:A:GLU:HG2	1:46:A:ASN:H	17	0.75
(34,64)	1:81:A:GLU:H	1:81:A:GLU:HG2	16	0.75
(34,64)	1:81:A:GLU:H	1:81:A:GLU:HG3	16	0.75
(34,60)	1:34:A:LYS:H	1:81:A:GLU:H	5	0.75
(33,2041)	1:23:A:LEU:HD11	1:27:A:ARG:HA	4	0.75
(33,2041)	1:23:A:LEU:HD12	1:27:A:ARG:HA	4	0.75
(33,2041)	1:23:A:LEU:HD13	1:27:A:ARG:HA	4	0.75
(33,2041)	1:23:A:LEU:HD21	1:27:A:ARG:HA	4	0.75
(33,2041)	1:23:A:LEU:HD22	1:27:A:ARG:HA	4	0.75
(33,2041)	1:23:A:LEU:HD23	1:27:A:ARG:HA	4	0.75
(33,1944)	1:10:A:ASN:HD21	1:81:A:GLU:H	13	0.75
(33,1944)	1:10:A:ASN:HD22	1:81:A:GLU:H	13	0.75
(33,1902)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	11	0.75
(33,1902)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	11	0.75
(33,1902)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	11	0.75
(33,1902)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	11	0.75
(33,1902)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	11	0.75
(33,1902)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	11	0.75
(33,1729)	1:19:A:ALA:H	1:132:A:ALA:HA	19	0.75
(33,1540)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	14	0.75
(33,1540)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	14	0.75
(33,1540)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	14	0.75
(33,1540)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	14	0.75
(33,1540)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	14	0.75
(33,1540)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	14	0.75
(33,1003)	1:98:A:ILE:HB	1:105:A:LYS:HB2	7	0.75
(33,1003)	1:98:A:ILE:HB	1:105:A:LYS:HB3	7	0.75
(33,906)	1:20:A:THR:H	1:21:A:THR:HB	8	0.75
(33,881)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	14	0.75
(33,881)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	14	0.75
(33,830)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	4	0.75
(33,830)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	4	0.75
(33,830)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	4	0.75
(33,830)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	4	0.75
(33,830)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	4	0.75
(33,830)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	4	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,735)	1:45:A:ALA:H	1:46:A:ASN:HD21	10	0.75
(33,322)	1:44:A:GLU:HG2	1:46:A:ASN:H	17	0.75
(33,70)	1:81:A:GLU:H	1:81:A:GLU:HG2	16	0.75
(33,70)	1:81:A:GLU:H	1:81:A:GLU:HG3	16	0.75
(32,2485)	1:144:A:LEU:HB3	1:146:A:GLN:HG2	12	0.75
(32,2485)	1:144:A:LEU:HB3	1:146:A:GLN:HG3	12	0.75
(32,2437)	1:136:A:CYS:HB2	1:141:A:LYS:H	12	0.75
(32,2437)	1:136:A:CYS:HB3	1:141:A:LYS:H	12	0.75
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD11	4	0.75
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD12	4	0.75
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD13	4	0.75
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD21	4	0.75
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD22	4	0.75
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD23	4	0.75
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD11	4	0.75
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD12	4	0.75
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD13	4	0.75
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD21	4	0.75
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD22	4	0.75
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD23	4	0.75
(32,1913)	1:10:A:ASN:HD21	1:81:A:GLU:H	13	0.75
(32,1913)	1:10:A:ASN:HD22	1:81:A:GLU:H	13	0.75
(32,1883)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	19	0.75
(32,1883)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	19	0.75
(32,1813)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	4	0.75
(32,1813)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	4	0.75
(32,1813)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	4	0.75
(32,1813)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	4	0.75
(32,1695)	1:31:A:PRO:HB2	1:35:A:LEU:HA	10	0.75
(32,1695)	1:31:A:PRO:HB3	1:35:A:LEU:HA	10	0.75
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	4	0.75
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	4	0.75
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	4	0.75
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	4	0.75
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	4	0.75
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	4	0.75
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	11	0.75
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	11	0.75
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	11	0.75
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	11	0.75
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	11	0.75
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	11	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD21	11	0.75
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD22	11	0.75
(32,1290)	1:54:A:ARG:HA	1:57:A:LEU:HD23	11	0.75
(32,958)	1:104:A:PHE:H	1:105:A:LYS:HD2	5	0.75
(32,958)	1:104:A:PHE:H	1:105:A:LYS:HD3	5	0.75
(32,923)	1:40:A:LEU:HA	1:43:A:MET:HG3	9	0.75
(32,876)	1:69:A:MET:HE1	1:73:A:ILE:HB	8	0.75
(32,876)	1:69:A:MET:HE2	1:73:A:ILE:HB	8	0.75
(32,876)	1:69:A:MET:HE3	1:73:A:ILE:HB	8	0.75
(32,722)	1:45:A:ALA:H	1:46:A:ASN:HD21	10	0.75
(32,325)	1:57:A:LEU:H	1:58:A:ILE:HG13	16	0.75
(32,57)	1:34:A:LYS:H	1:81:A:GLU:H	5	0.75
(30,2080)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	6	0.75
(30,2080)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	6	0.75
(30,2080)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	6	0.75
(30,2080)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	6	0.75
(30,2080)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	6	0.75
(30,2080)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	6	0.75
(30,2080)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	6	0.75
(30,2080)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	6	0.75
(30,2080)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	6	0.75
(30,2080)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	6	0.75
(30,2080)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	6	0.75
(30,2080)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	6	0.75
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	3	0.75
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	3	0.75
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	3	0.75
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	9	0.75
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	9	0.75
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	9	0.75
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG11	16	0.75
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG12	16	0.75
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG13	16	0.75
(30,1630)	1:34:A:LYS:H	1:80:A:TYR:HA	1	0.75
(30,889)	1:69:A:MET:HE1	1:73:A:ILE:HB	8	0.75
(30,889)	1:69:A:MET:HE2	1:73:A:ILE:HB	8	0.75
(30,889)	1:69:A:MET:HE3	1:73:A:ILE:HB	8	0.75
(30,793)	1:63:A:ILE:HD11	1:117:A:VAL:HG21	15	0.75
(30,793)	1:63:A:ILE:HD11	1:117:A:VAL:HG22	15	0.75
(30,793)	1:63:A:ILE:HD11	1:117:A:VAL:HG23	15	0.75
(30,793)	1:63:A:ILE:HD12	1:117:A:VAL:HG21	15	0.75
(30,793)	1:63:A:ILE:HD12	1:117:A:VAL:HG22	15	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,793)	1:63:A:ILE:HD12	1:117:A:VAL:HG23	15	0.75
(30,793)	1:63:A:ILE:HD13	1:117:A:VAL:HG21	15	0.75
(30,793)	1:63:A:ILE:HD13	1:117:A:VAL:HG22	15	0.75
(30,793)	1:63:A:ILE:HD13	1:117:A:VAL:HG23	15	0.75
(30,734)	1:45:A:ALA:H	1:46:A:ASN:HD21	10	0.75
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD21	6	0.75
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD22	6	0.75
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD23	6	0.75
(30,323)	1:44:A:GLU:HG2	1:46:A:ASN:H	17	0.75
(29,2440)	1:144:A:LEU:HB2	1:147:A:ARG:HE	2	0.75
(29,2440)	1:144:A:LEU:HB3	1:147:A:ARG:HE	2	0.75
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD11	2	0.75
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD12	2	0.75
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD13	2	0.75
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD21	2	0.75
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD22	2	0.75
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD23	2	0.75
(29,1996)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	19	0.75
(29,1996)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	19	0.75
(29,1996)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	19	0.75
(29,1996)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	19	0.75
(29,1996)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	19	0.75
(29,1996)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	19	0.75
(29,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	1	0.75
(29,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	1	0.75
(29,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	1	0.75
(29,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	1	0.75
(29,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	1	0.75
(29,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	1	0.75
(29,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	1	0.75
(29,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	1	0.75
(29,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	1	0.75
(29,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	1	0.75
(29,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	1	0.75
(29,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	1	0.75
(29,1888)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	16	0.75
(29,1888)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	16	0.75
(29,1888)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	16	0.75
(29,1888)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	16	0.75
(29,1888)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	16	0.75
(29,1888)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	16	0.75
(29,1672)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	13	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1672)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	13	0.75
(29,1672)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	13	0.75
(29,1672)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	13	0.75
(29,1672)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	13	0.75
(29,1672)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	13	0.75
(29,1643)	1:34:A:LYS:H	1:80:A:TYR:HA	1	0.75
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE1	12	0.75
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE2	12	0.75
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE3	12	0.75
(29,1483)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	2	0.75
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	11	0.75
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	11	0.75
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	11	0.75
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG21	7	0.75
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG22	7	0.75
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG23	7	0.75
(29,1392)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	13	0.75
(29,1392)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	13	0.75
(29,1392)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	13	0.75
(29,960)	1:40:A:LEU:HA	1:43:A:MET:HG3	9	0.75
(29,744)	1:45:A:ALA:H	1:46:A:ASN:HD21	10	0.75
(29,321)	1:44:A:GLU:HG2	1:46:A:ASN:H	17	0.75
(29,67)	1:81:A:GLU:H	1:81:A:GLU:HG2	16	0.75
(29,67)	1:81:A:GLU:H	1:81:A:GLU:HG3	16	0.75
(23,13)	1:114:A:ILE:N	1:110:A:MET:O	14	0.75
(23,13)	1:114:A:ILE:N	1:110:A:MET:O	19	0.75
(23,12)	1:113:A:PHE:N	1:109:A:PRO:O	4	0.75
(23,12)	1:113:A:PHE:N	1:109:A:PRO:O	8	0.75
(22,42)	1:129:A:LYS:N	1:125:A:THR:C	1	0.75
(22,42)	1:129:A:LYS:N	1:125:A:THR:C	2	0.75
(22,42)	1:129:A:LYS:N	1:125:A:THR:C	4	0.75
(22,41)	1:129:A:LYS:H	1:125:A:THR:C	7	0.75
(22,39)	1:128:A:LEU:H	1:124:A:THR:C	17	0.75
(22,35)	1:119:A:LEU:H	1:115:A:ALA:C	16	0.75
(22,35)	1:119:A:LEU:H	1:115:A:ALA:C	19	0.75
(22,30)	1:116:A:GLN:N	1:112:A:GLN:C	11	0.75
(18,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB2	17	0.75
(18,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB3	17	0.75
(18,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB2	17	0.75
(18,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB3	17	0.75
(18,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB2	17	0.75
(18,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB3	17	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2128)	1:41:A:LYS:H	1:44:A:GLU:HG2	9	0.75
(18,2128)	1:41:A:LYS:H	1:44:A:GLU:HG3	9	0.75
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	5	0.75
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	5	0.75
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	5	0.75
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	5	0.75
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	5	0.75
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	5	0.75
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	5	0.75
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	5	0.75
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	5	0.75
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	5	0.75
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	5	0.75
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	5	0.75
(18,1970)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	1	0.75
(18,1970)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	1	0.75
(18,1970)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	1	0.75
(18,1970)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	1	0.75
(18,1970)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	1	0.75
(18,1970)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	1	0.75
(18,1970)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	1	0.75
(18,1970)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	1	0.75
(18,1970)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	1	0.75
(18,1970)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	1	0.75
(18,1970)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	1	0.75
(18,1970)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	1	0.75
(18,1946)	1:10:A:ASN:HD21	1:81:A:GLU:H	13	0.75
(18,1946)	1:10:A:ASN:HD22	1:81:A:GLU:H	13	0.75
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	6	0.75
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	6	0.75
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	6	0.75
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	6	0.75
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	6	0.75
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	6	0.75
(18,1539)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	14	0.75
(18,1539)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	14	0.75
(18,1539)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	14	0.75
(18,1539)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	14	0.75
(18,1539)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	14	0.75
(18,1539)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	14	0.75
(18,1495)	1:43:A:MET:HA	1:43:A:MET:HE1	18	0.75
(18,1495)	1:43:A:MET:HA	1:43:A:MET:HE2	18	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1495)	1:43:A:MET:HA	1:43:A:MET:HE3	18	0.75
(18,1465)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	2	0.75
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG21	7	0.75
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG22	7	0.75
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG23	7	0.75
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	9	0.75
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	9	0.75
(18,1182)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	9	0.75
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	9	0.75
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	9	0.75
(18,1182)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	9	0.75
(18,1010)	1:98:A:ILE:HB	1:105:A:LYS:HB2	7	0.75
(18,1010)	1:98:A:ILE:HB	1:105:A:LYS:HB3	7	0.75
(18,982)	1:68:A:LYS:HG2	1:109:A:PRO:HB2	14	0.75
(18,982)	1:68:A:LYS:HG2	1:109:A:PRO:HB3	14	0.75
(18,982)	1:68:A:LYS:HG3	1:109:A:PRO:HB2	14	0.75
(18,982)	1:68:A:LYS:HG3	1:109:A:PRO:HB3	14	0.75
(18,783)	1:101:A:ILE:HD11	1:104:A:PHE:H	5	0.75
(18,783)	1:101:A:ILE:HD12	1:104:A:PHE:H	5	0.75
(18,783)	1:101:A:ILE:HD13	1:104:A:PHE:H	5	0.75
(18,752)	1:45:A:ALA:H	1:46:A:ASN:HD21	10	0.75
(18,671)	1:101:A:ILE:HB	1:103:A:ARG:H	11	0.75
(18,671)	1:101:A:ILE:HB	1:103:A:ARG:H	12	0.75
(18,516)	1:101:A:ILE:HD11	1:105:A:LYS:H	13	0.75
(18,516)	1:101:A:ILE:HD12	1:105:A:LYS:H	13	0.75
(18,516)	1:101:A:ILE:HD13	1:105:A:LYS:H	13	0.75
(18,345)	1:57:A:LEU:H	1:58:A:ILE:HG13	16	0.75
(18,121)	1:79:A:THR:H	1:80:A:TYR:H	10	0.75
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD11	5	0.75
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD12	5	0.75
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD13	5	0.75
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD21	5	0.75
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD22	5	0.75
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD23	5	0.75
(17,1921)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	11	0.75
(17,1921)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	11	0.75
(17,1921)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	11	0.75
(17,1921)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	11	0.75
(17,1921)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	11	0.75
(17,1921)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	11	0.75
(17,1663)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	13	0.75
(17,1663)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	13	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1663)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	13	0.75
(17,1645)	1:34:A:LYS:H	1:80:A:TYR:HA	1	0.75
(17,1497)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	19	0.75
(17,1188)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	4	0.75
(17,1188)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	4	0.75
(17,1188)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	4	0.75
(17,1004)	1:98:A:ILE:HB	1:105:A:LYS:HB2	7	0.75
(17,1004)	1:98:A:ILE:HB	1:105:A:LYS:HB3	7	0.75
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	6	0.75
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	6	0.75
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	6	0.75
(17,475)	1:147:A:ARG:HD2	1:148:A:CYS:H	8	0.75
(17,475)	1:147:A:ARG:HD3	1:148:A:CYS:H	8	0.75
(17,423)	1:39:A:VAL:HG21	1:143:A:TRP:H	14	0.75
(17,423)	1:39:A:VAL:HG22	1:143:A:TRP:H	14	0.75
(17,423)	1:39:A:VAL:HG23	1:143:A:TRP:H	14	0.75
(17,391)	1:105:A:LYS:HG3	1:106:A:ASP:H	12	0.75
(17,320)	1:44:A:GLU:HG2	1:46:A:ASN:H	17	0.75
(17,262)	1:39:A:VAL:H	1:139:A:LEU:HB2	13	0.75
(17,262)	1:39:A:VAL:H	1:139:A:LEU:HB3	13	0.75
(17,154)	1:67:A:PRO:HD3	1:95:A:ILE:H	9	0.75
(17,64)	1:81:A:GLU:H	1:81:A:GLU:HG2	16	0.75
(17,64)	1:81:A:GLU:H	1:81:A:GLU:HG3	16	0.75
(16,2491)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	1	0.75
(16,2491)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	1	0.75
(16,2491)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	1	0.75
(16,2491)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	1	0.75
(16,2491)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	15	0.75
(16,2491)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	15	0.75
(16,2491)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	15	0.75
(16,2491)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	15	0.75
(16,2141)	1:40:A:LEU:HD11	1:43:A:MET:HG3	19	0.75
(16,2141)	1:40:A:LEU:HD12	1:43:A:MET:HG3	19	0.75
(16,2141)	1:40:A:LEU:HD13	1:43:A:MET:HG3	19	0.75
(16,2141)	1:40:A:LEU:HD21	1:43:A:MET:HG3	19	0.75
(16,2141)	1:40:A:LEU:HD22	1:43:A:MET:HG3	19	0.75
(16,2141)	1:40:A:LEU:HD23	1:43:A:MET:HG3	19	0.75
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD11	12	0.75
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD12	12	0.75
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD13	12	0.75
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD21	12	0.75
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD22	12	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD23	12	0.75
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD11	12	0.75
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD12	12	0.75
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD13	12	0.75
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD21	12	0.75
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD22	12	0.75
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD23	12	0.75
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD11	12	0.75
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD12	12	0.75
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD13	12	0.75
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD21	12	0.75
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD22	12	0.75
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD23	12	0.75
(16,1965)	1:12:A:VAL:HG11	1:43:A:MET:H	10	0.75
(16,1965)	1:12:A:VAL:HG12	1:43:A:MET:H	10	0.75
(16,1965)	1:12:A:VAL:HG13	1:43:A:MET:H	10	0.75
(16,1965)	1:12:A:VAL:HG21	1:43:A:MET:H	10	0.75
(16,1965)	1:12:A:VAL:HG22	1:43:A:MET:H	10	0.75
(16,1965)	1:12:A:VAL:HG23	1:43:A:MET:H	10	0.75
(16,1858)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	16	0.75
(16,1858)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	16	0.75
(16,1858)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	16	0.75
(16,1858)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	16	0.75
(16,1858)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	16	0.75
(16,1858)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	16	0.75
(16,1641)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	13	0.75
(16,1641)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	13	0.75
(16,1641)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	13	0.75
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD11	9	0.75
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD12	9	0.75
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD13	9	0.75
(16,1473)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	19	0.75
(16,1061)	1:11:A:ILE:HA	1:14:A:VAL:HB	9	0.75
(16,1061)	1:11:A:ILE:HA	1:14:A:VAL:HB	19	0.75
(16,834)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	4	0.75
(16,834)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	4	0.75
(16,834)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	4	0.75
(16,834)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	4	0.75
(16,834)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	4	0.75
(16,834)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	4	0.75
(16,742)	1:45:A:ALA:H	1:46:A:ASN:HD21	10	0.75
(16,587)	1:126:A:GLY:H	1:128:A:LEU:HG	3	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,118)	1:79:A:THR:H	1:80:A:TYR:H	10	0.75
(16,63)	1:81:A:GLU:H	1:81:A:GLU:HG2	16	0.75
(16,63)	1:81:A:GLU:H	1:81:A:GLU:HG3	16	0.75
(16,59)	1:34:A:LYS:H	1:81:A:GLU:H	5	0.75
(15,2433)	1:136:A:CYS:HB2	1:141:A:LYS:H	12	0.75
(15,2433)	1:136:A:CYS:HB3	1:141:A:LYS:H	12	0.75
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG2	14	0.75
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG3	14	0.75
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG21	3	0.75
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG22	3	0.75
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG23	3	0.75
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG21	3	0.75
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG22	3	0.75
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG23	3	0.75
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG21	3	0.75
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG22	3	0.75
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG23	3	0.75
(15,1643)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	13	0.75
(15,1643)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	13	0.75
(15,1643)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	13	0.75
(15,1621)	1:34:A:LYS:H	1:80:A:TYR:HA	1	0.75
(15,1499)	1:98:A:ILE:HG21	1:116:A:GLN:HG3	19	0.75
(15,1499)	1:98:A:ILE:HG22	1:116:A:GLN:HG3	19	0.75
(15,1499)	1:98:A:ILE:HG23	1:116:A:GLN:HG3	19	0.75
(15,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	9	0.75
(15,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	9	0.75
(15,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	9	0.75
(15,967)	1:33:A:LYS:HB2	1:80:A:TYR:HB2	7	0.75
(15,967)	1:33:A:LYS:HB3	1:80:A:TYR:HB2	7	0.75
(15,842)	1:45:A:ALA:H	1:48:A:ARG:HD2	7	0.75
(15,842)	1:45:A:ALA:H	1:48:A:ARG:HD3	7	0.75
(15,830)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	4	0.75
(15,830)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	4	0.75
(15,830)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	4	0.75
(15,830)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	4	0.75
(15,830)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	4	0.75
(15,830)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	4	0.75
(15,734)	1:45:A:ALA:H	1:46:A:ASN:HD21	10	0.75
(15,399)	1:105:A:LYS:HG3	1:106:A:ASP:H	12	0.75
(13,2468)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	1	0.75
(13,2468)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	1	0.75
(13,2468)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	1	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2468)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	1	0.75
(13,2468)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	15	0.75
(13,2468)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	15	0.75
(13,2468)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	15	0.75
(13,2468)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	15	0.75
(13,2421)	1:136:A:CYS:HB2	1:141:A:LYS:H	12	0.75
(13,2421)	1:136:A:CYS:HB3	1:141:A:LYS:H	12	0.75
(13,1931)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	1	0.75
(13,1931)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	1	0.75
(13,1931)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	1	0.75
(13,1931)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	1	0.75
(13,1931)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	1	0.75
(13,1931)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	1	0.75
(13,1931)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	1	0.75
(13,1931)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	1	0.75
(13,1931)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	1	0.75
(13,1931)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	1	0.75
(13,1931)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	1	0.75
(13,1931)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	1	0.75
(13,1817)	1:9:A:PHE:HZ	1:58:A:ILE:HG13	15	0.75
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG21	3	0.75
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG22	3	0.75
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG23	3	0.75
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG21	3	0.75
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG22	3	0.75
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG23	3	0.75
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG21	3	0.75
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG22	3	0.75
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG23	3	0.75
(13,1435)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	18	0.75
(13,1435)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	18	0.75
(13,1435)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	18	0.75
(13,1435)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	18	0.75
(13,1435)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	18	0.75
(13,1435)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	18	0.75
(13,1435)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	18	0.75
(13,1435)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	18	0.75
(13,1435)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	18	0.75
(13,1109)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	14	0.75
(13,1109)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	14	0.75
(13,1109)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	14	0.75
(13,1109)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	14	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1109)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	14	0.75
(13,1109)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	14	0.75
(13,1002)	1:34:A:LYS:H	1:81:A:GLU:HB3	9	0.75
(13,933)	1:40:A:LEU:HA	1:43:A:MET:HG3	9	0.75
(13,773)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	14	0.75
(13,773)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	14	0.75
(13,773)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	14	0.75
(13,773)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	14	0.75
(13,773)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	14	0.75
(13,773)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	14	0.75
(13,721)	1:45:A:ALA:H	1:46:A:ASN:HD21	10	0.75
(13,62)	1:81:A:GLU:H	1:81:A:GLU:HG2	16	0.75
(13,62)	1:81:A:GLU:H	1:81:A:GLU:HG3	16	0.75
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	8	0.75
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	8	0.75
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	8	0.75
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	8	0.75
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	8	0.75
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	8	0.75
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	8	0.75
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	8	0.75
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	8	0.75
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	8	0.75
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	8	0.75
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	8	0.75
(11,1800)	1:97:A:ASP:HA	1:105:A:LYS:HG3	4	0.75
(11,1800)	1:97:A:ASP:HA	1:105:A:LYS:HG3	19	0.75
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD11	9	0.75
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD12	9	0.75
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD13	9	0.75
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	11	0.75
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	11	0.75
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	11	0.75
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG21	3	0.75
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG22	3	0.75
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG23	3	0.75
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG21	3	0.75
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG22	3	0.75
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG23	3	0.75
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG21	3	0.75
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG22	3	0.75
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG23	3	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1307)	1:68:A:LYS:HG2	1:70:A:LYS:H	1	0.75
(11,1307)	1:68:A:LYS:HG3	1:70:A:LYS:H	1	0.75
(11,1145)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	14	0.75
(11,1145)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	14	0.75
(11,1145)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	14	0.75
(11,1145)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	14	0.75
(11,1145)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	14	0.75
(11,1145)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	14	0.75
(11,997)	1:12:A:VAL:HB	1:43:A:MET:HE1	11	0.75
(11,997)	1:12:A:VAL:HB	1:43:A:MET:HE2	11	0.75
(11,997)	1:12:A:VAL:HB	1:43:A:MET:HE3	11	0.75
(11,940)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	13	0.75
(11,898)	1:69:A:MET:HE1	1:73:A:ILE:HB	8	0.75
(11,898)	1:69:A:MET:HE2	1:73:A:ILE:HB	8	0.75
(11,898)	1:69:A:MET:HE3	1:73:A:ILE:HB	8	0.75
(11,839)	1:45:A:ALA:H	1:48:A:ARG:HD2	7	0.75
(11,839)	1:45:A:ALA:H	1:48:A:ARG:HD3	7	0.75
(11,823)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	4	0.75
(11,823)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	4	0.75
(11,823)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	4	0.75
(11,823)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	4	0.75
(11,823)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	4	0.75
(11,823)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	4	0.75
(11,798)	1:63:A:ILE:HD11	1:117:A:VAL:HG21	15	0.75
(11,798)	1:63:A:ILE:HD11	1:117:A:VAL:HG22	15	0.75
(11,798)	1:63:A:ILE:HD11	1:117:A:VAL:HG23	15	0.75
(11,798)	1:63:A:ILE:HD12	1:117:A:VAL:HG21	15	0.75
(11,798)	1:63:A:ILE:HD12	1:117:A:VAL:HG22	15	0.75
(11,798)	1:63:A:ILE:HD12	1:117:A:VAL:HG23	15	0.75
(11,798)	1:63:A:ILE:HD13	1:117:A:VAL:HG21	15	0.75
(11,798)	1:63:A:ILE:HD13	1:117:A:VAL:HG22	15	0.75
(11,798)	1:63:A:ILE:HD13	1:117:A:VAL:HG23	15	0.75
(11,736)	1:45:A:ALA:H	1:46:A:ASN:HD21	10	0.75
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	6	0.75
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	6	0.75
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	6	0.75
(11,119)	1:79:A:THR:H	1:80:A:TYR:H	10	0.75
(11,94)	1:95:A:ILE:HG21	1:97:A:ASP:H	19	0.75
(11,94)	1:95:A:ILE:HG22	1:97:A:ASP:H	19	0.75
(11,94)	1:95:A:ILE:HG23	1:97:A:ASP:H	19	0.75
(9,2163)	1:60:A:LEU:HD11	1:61:A:SER:HB2	5	0.75
(9,2163)	1:60:A:LEU:HD11	1:61:A:SER:HB3	5	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2163)	1:60:A:LEU:HD12	1:61:A:SER:HB2	5	0.75
(9,2163)	1:60:A:LEU:HD12	1:61:A:SER:HB3	5	0.75
(9,2163)	1:60:A:LEU:HD13	1:61:A:SER:HB2	5	0.75
(9,2163)	1:60:A:LEU:HD13	1:61:A:SER:HB3	5	0.75
(9,2093)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	12	0.75
(9,2093)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	12	0.75
(9,2093)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	12	0.75
(9,2093)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	12	0.75
(9,2093)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	12	0.75
(9,2093)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	12	0.75
(9,2093)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	12	0.75
(9,2093)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	12	0.75
(9,2093)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	12	0.75
(9,2093)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	12	0.75
(9,2093)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	12	0.75
(9,2093)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	12	0.75
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD11	8	0.75
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD12	8	0.75
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD13	8	0.75
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD21	8	0.75
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD22	8	0.75
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD23	8	0.75
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	6	0.75
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	6	0.75
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	6	0.75
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	6	0.75
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	6	0.75
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	6	0.75
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	6	0.75
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	6	0.75
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	6	0.75
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	6	0.75
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	6	0.75
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	6	0.75
(9,1918)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	19	0.75
(9,1918)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	19	0.75
(9,1884)	1:104:A:PHE:HE1	1:113:A:PHE:HA	5	0.75
(9,1884)	1:104:A:PHE:HE2	1:113:A:PHE:HA	5	0.75
(9,1638)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	13	0.75
(9,1638)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	13	0.75
(9,1638)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	13	0.75
(9,1619)	1:34:A:LYS:H	1:80:A:TYR:HA	1	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1402)	1:60:A:LEU:HD21	1:120:A:CYS:HA	7	0.75
(9,1402)	1:60:A:LEU:HD22	1:120:A:CYS:HA	7	0.75
(9,1402)	1:60:A:LEU:HD23	1:120:A:CYS:HA	7	0.75
(9,1402)	1:60:A:LEU:HD21	1:120:A:CYS:HA	15	0.75
(9,1402)	1:60:A:LEU:HD22	1:120:A:CYS:HA	15	0.75
(9,1402)	1:60:A:LEU:HD23	1:120:A:CYS:HA	15	0.75
(9,1248)	1:21:A:THR:HG21	1:23:A:LEU:HA	8	0.75
(9,1248)	1:21:A:THR:HG22	1:23:A:LEU:HA	8	0.75
(9,1248)	1:21:A:THR:HG23	1:23:A:LEU:HA	8	0.75
(9,1180)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	4	0.75
(9,1180)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	4	0.75
(9,1180)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	4	0.75
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD21	5	0.75
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD22	5	0.75
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD23	5	0.75
(9,1055)	1:43:A:MET:HB2	1:140:A:LEU:HG	2	0.75
(9,1055)	1:43:A:MET:HB2	1:140:A:LEU:HG	3	0.75
(9,1055)	1:43:A:MET:HB2	1:140:A:LEU:HG	16	0.75
(9,953)	1:40:A:LEU:HA	1:43:A:MET:HG3	9	0.75
(9,822)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	4	0.75
(9,822)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	4	0.75
(9,822)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	4	0.75
(9,822)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	4	0.75
(9,822)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	4	0.75
(9,822)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	4	0.75
(9,727)	1:45:A:ALA:H	1:46:A:ASN:HD21	10	0.75
(9,634)	1:59:A:CYS:H	1:60:A:LEU:HB3	9	0.75
(9,634)	1:59:A:CYS:H	1:60:A:LEU:HB3	10	0.75
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	6	0.75
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	6	0.75
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	6	0.75
(9,486)	1:147:A:ARG:HD2	1:148:A:CYS:H	10	0.75
(9,486)	1:147:A:ARG:HD3	1:148:A:CYS:H	10	0.75
(9,408)	1:105:A:LYS:HG3	1:106:A:ASP:H	12	0.75
(9,332)	1:44:A:GLU:HG2	1:46:A:ASN:H	17	0.75
(9,194)	1:44:A:GLU:H	1:44:A:GLU:HG2	11	0.75
(9,118)	1:79:A:THR:H	1:80:A:TYR:H	10	0.75
(7,2425)	1:136:A:CYS:HB2	1:141:A:LYS:H	12	0.75
(7,2425)	1:136:A:CYS:HB3	1:141:A:LYS:H	12	0.75
(7,2222)	1:68:A:LYS:H	1:69:A:MET:HG2	1	0.75
(7,2222)	1:68:A:LYS:H	1:69:A:MET:HG3	1	0.75
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	19	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	19	0.75
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	19	0.75
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	19	0.75
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	19	0.75
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	19	0.75
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD11	7	0.75
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD12	7	0.75
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD13	7	0.75
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD21	7	0.75
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD22	7	0.75
(7,1960)	1:16:A:SER:H	1:140:A:LEU:HD23	7	0.75
(7,1905)	1:10:A:ASN:HB2	1:79:A:THR:HB	2	0.75
(7,1905)	1:10:A:ASN:HB3	1:79:A:THR:HB	2	0.75
(7,1785)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	12	0.75
(7,1785)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	12	0.75
(7,1785)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	12	0.75
(7,1785)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	12	0.75
(7,1785)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	12	0.75
(7,1785)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	12	0.75
(7,1752)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	6	0.75
(7,1752)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	6	0.75
(7,1621)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	19	0.75
(7,1621)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	19	0.75
(7,1621)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	19	0.75
(7,1621)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	19	0.75
(7,1621)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	19	0.75
(7,1621)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	19	0.75
(7,1621)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	19	0.75
(7,1621)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	19	0.75
(7,1621)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	19	0.75
(7,1601)	1:34:A:LYS:H	1:80:A:TYR:HA	1	0.75
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD11	5	0.75
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD12	5	0.75
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD13	5	0.75
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE1	4	0.75
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE2	4	0.75
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE3	4	0.75
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE1	1	0.75
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE2	1	0.75
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE3	1	0.75
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	19	0.75
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	19	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	19	0.75
(7,1452)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	2	0.75
(7,1373)	1:19:A:ALA:HB1	1:21:A:THR:HG21	6	0.75
(7,1373)	1:19:A:ALA:HB1	1:21:A:THR:HG22	6	0.75
(7,1373)	1:19:A:ALA:HB1	1:21:A:THR:HG23	6	0.75
(7,1373)	1:19:A:ALA:HB2	1:21:A:THR:HG21	6	0.75
(7,1373)	1:19:A:ALA:HB2	1:21:A:THR:HG22	6	0.75
(7,1373)	1:19:A:ALA:HB2	1:21:A:THR:HG23	6	0.75
(7,1373)	1:19:A:ALA:HB3	1:21:A:THR:HG21	6	0.75
(7,1373)	1:19:A:ALA:HB3	1:21:A:THR:HG22	6	0.75
(7,1373)	1:19:A:ALA:HB3	1:21:A:THR:HG23	6	0.75
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	4	0.75
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	4	0.75
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	4	0.75
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	19	0.75
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	19	0.75
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	19	0.75
(7,1036)	1:43:A:MET:HB2	1:140:A:LEU:HG	2	0.75
(7,1036)	1:43:A:MET:HB2	1:140:A:LEU:HG	3	0.75
(7,1036)	1:43:A:MET:HB2	1:140:A:LEU:HG	16	0.75
(7,983)	1:98:A:ILE:HB	1:105:A:LYS:HB2	7	0.75
(7,983)	1:98:A:ILE:HB	1:105:A:LYS:HB3	7	0.75
(7,815)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	4	0.75
(7,815)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	4	0.75
(7,815)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	4	0.75
(7,815)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	4	0.75
(7,815)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	4	0.75
(7,815)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	4	0.75
(7,471)	1:12:A:VAL:HG11	1:14:A:VAL:H	12	0.75
(7,471)	1:12:A:VAL:HG12	1:14:A:VAL:H	12	0.75
(7,471)	1:12:A:VAL:HG13	1:14:A:VAL:H	12	0.75
(7,319)	1:44:A:GLU:HG2	1:46:A:ASN:H	17	0.75
(7,62)	1:81:A:GLU:H	1:81:A:GLU:HG2	16	0.75
(7,62)	1:81:A:GLU:H	1:81:A:GLU:HG3	16	0.75
(6,2434)	1:136:A:CYS:HB2	1:141:A:LYS:H	12	0.75
(6,2434)	1:136:A:CYS:HB3	1:141:A:LYS:H	12	0.75
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG2	14	0.75
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG3	14	0.75
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	1	0.75
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	1	0.75
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	1	0.75
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	1	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	1	0.75
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	1	0.75
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	1	0.75
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	1	0.75
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	1	0.75
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	1	0.75
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	1	0.75
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	1	0.75
(6,2029)	1:17:A:ASN:HD21	1:79:A:THR:H	11	0.75
(6,2029)	1:17:A:ASN:HD22	1:79:A:THR:H	11	0.75
(6,1958)	1:10:A:ASN:HD21	1:81:A:GLU:H	13	0.75
(6,1958)	1:10:A:ASN:HD22	1:81:A:GLU:H	13	0.75
(6,1931)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	19	0.75
(6,1931)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	19	0.75
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	8	0.75
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	8	0.75
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	8	0.75
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	8	0.75
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	8	0.75
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	8	0.75
(6,1628)	1:34:A:LYS:H	1:80:A:TYR:HA	1	0.75
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE1	1	0.75
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE2	1	0.75
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE3	1	0.75
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	18	0.75
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	18	0.75
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	18	0.75
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	18	0.75
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	18	0.75
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	18	0.75
(6,1348)	1:73:A:ILE:HB	1:76:A:ARG:HA	5	0.75
(6,1121)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	14	0.75
(6,1121)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	14	0.75
(6,1121)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	14	0.75
(6,1121)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	14	0.75
(6,1121)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	14	0.75
(6,1121)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	14	0.75
(6,985)	1:98:A:ILE:HB	1:105:A:LYS:HB2	4	0.75
(6,985)	1:98:A:ILE:HB	1:105:A:LYS:HB3	4	0.75
(6,979)	1:31:A:PRO:HB2	1:144:A:LEU:HB3	19	0.75
(6,979)	1:31:A:PRO:HB3	1:144:A:LEU:HB3	19	0.75
(6,868)	1:123:A:CYS:HB3	1:128:A:LEU:HD11	18	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,868)	1:123:A:CYS:HB3	1:128:A:LEU:HD12	18	0.75
(6,868)	1:123:A:CYS:HB3	1:128:A:LEU:HD13	18	0.75
(6,828)	1:48:A:ARG:HD2	1:49:A:LYS:HA	18	0.75
(6,828)	1:48:A:ARG:HD3	1:49:A:LYS:HA	18	0.75
(6,726)	1:45:A:ALA:H	1:46:A:ASN:HD21	10	0.75
(6,664)	1:63:A:ILE:HG12	1:117:A:VAL:H	13	0.75
(6,630)	1:59:A:CYS:H	1:60:A:LEU:HB3	9	0.75
(6,630)	1:59:A:CYS:H	1:60:A:LEU:HB3	10	0.75
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD21	6	0.75
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD22	6	0.75
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD23	6	0.75
(6,394)	1:105:A:LYS:HG3	1:106:A:ASP:H	12	0.75
(6,320)	1:44:A:GLU:HG2	1:46:A:ASN:H	17	0.75
(5,2046)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	3	0.75
(5,2046)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	3	0.75
(5,2046)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	3	0.75
(5,2046)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	3	0.75
(5,2046)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	3	0.75
(5,2046)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	3	0.75
(5,1941)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	19	0.75
(5,1941)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	19	0.75
(5,1926)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	11	0.75
(5,1926)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	11	0.75
(5,1926)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	11	0.75
(5,1926)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	11	0.75
(5,1926)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	11	0.75
(5,1926)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	11	0.75
(5,1790)	1:97:A:ASP:HA	1:105:A:LYS:HG3	4	0.75
(5,1790)	1:97:A:ASP:HA	1:105:A:LYS:HG3	19	0.75
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG21	3	0.75
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG22	3	0.75
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG23	3	0.75
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG21	3	0.75
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG22	3	0.75
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG23	3	0.75
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG21	3	0.75
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG22	3	0.75
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG23	3	0.75
(5,1663)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	6	0.75
(5,1663)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	6	0.75
(5,1663)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	6	0.75
(5,1663)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	6	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1663)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	6	0.75
(5,1663)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	6	0.75
(5,1663)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	16	0.75
(5,1663)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	16	0.75
(5,1663)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	16	0.75
(5,1663)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	16	0.75
(5,1663)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	16	0.75
(5,1663)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	16	0.75
(5,1643)	1:34:A:LYS:H	1:80:A:TYR:HA	1	0.75
(5,1623)	1:73:A:ILE:HG21	1:111:A:GLU:H	16	0.75
(5,1623)	1:73:A:ILE:HG22	1:111:A:GLU:H	16	0.75
(5,1623)	1:73:A:ILE:HG23	1:111:A:GLU:H	16	0.75
(5,1562)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	14	0.75
(5,1562)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	14	0.75
(5,1562)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	14	0.75
(5,1562)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	14	0.75
(5,1562)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	14	0.75
(5,1562)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	14	0.75
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	18	0.75
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	18	0.75
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	18	0.75
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	18	0.75
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	18	0.75
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	18	0.75
(5,1419)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	5	0.75
(5,1419)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	5	0.75
(5,1419)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	5	0.75
(5,1137)	1:40:A:LEU:HA	1:44:A:GLU:HG3	6	0.75
(5,1075)	1:54:A:ARG:HA	1:58:A:ILE:HB	6	0.75
(5,1001)	1:98:A:ILE:HB	1:105:A:LYS:HB2	7	0.75
(5,1001)	1:98:A:ILE:HB	1:105:A:LYS:HB3	7	0.75
(5,960)	1:11:A:ILE:HG12	1:43:A:MET:HB2	7	0.75
(5,839)	1:45:A:ALA:H	1:48:A:ARG:HD2	7	0.75
(5,839)	1:45:A:ALA:H	1:48:A:ARG:HD3	7	0.75
(5,705)	1:28:A:GLY:H	1:30:A:LEU:HB2	8	0.75
(5,705)	1:28:A:GLY:H	1:30:A:LEU:HB3	8	0.75
(5,60)	1:81:A:GLU:H	1:81:A:GLU:HG2	16	0.75
(5,60)	1:81:A:GLU:H	1:81:A:GLU:HG3	16	0.75
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD11	4	0.75
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD12	4	0.75
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD13	4	0.75
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD21	4	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD22	4	0.75
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD23	4	0.75
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD11	2	0.75
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD12	2	0.75
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD13	2	0.75
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD21	2	0.75
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD22	2	0.75
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD23	2	0.75
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	2	0.75
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	2	0.75
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	2	0.75
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	2	0.75
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	2	0.75
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	2	0.75
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD11	12	0.75
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD12	12	0.75
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD13	12	0.75
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD21	12	0.75
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD22	12	0.75
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD23	12	0.75
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD11	12	0.75
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD12	12	0.75
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD13	12	0.75
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD21	12	0.75
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD22	12	0.75
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD23	12	0.75
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD11	12	0.75
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD12	12	0.75
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD13	12	0.75
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD21	12	0.75
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD22	12	0.75
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD23	12	0.75
(4,1929)	1:10:A:ASN:HD21	1:81:A:GLU:H	13	0.75
(4,1929)	1:10:A:ASN:HD22	1:81:A:GLU:H	13	0.75
(4,1896)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	19	0.75
(4,1896)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	19	0.75
(4,1849)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	16	0.75
(4,1849)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	16	0.75
(4,1849)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	16	0.75
(4,1849)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	16	0.75
(4,1849)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	16	0.75
(4,1849)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	16	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1606)	1:34:A:LYS:H	1:80:A:TYR:HA	1	0.75
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	17	0.75
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	17	0.75
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	17	0.75
(4,1195)	1:11:A:ILE:HD11	1:131:A:LEU:HA	7	0.75
(4,1195)	1:11:A:ILE:HD12	1:131:A:LEU:HA	7	0.75
(4,1195)	1:11:A:ILE:HD13	1:131:A:LEU:HA	7	0.75
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	8	0.75
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	8	0.75
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	8	0.75
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	17	0.75
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	17	0.75
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	17	0.75
(4,719)	1:45:A:ALA:H	1:46:A:ASN:HD21	10	0.75
(4,610)	1:23:A:LEU:HD21	1:25:A:ALA:H	2	0.75
(4,610)	1:23:A:LEU:HD22	1:25:A:ALA:H	2	0.75
(4,610)	1:23:A:LEU:HD23	1:25:A:ALA:H	2	0.75
(4,610)	1:23:A:LEU:HD21	1:25:A:ALA:H	5	0.75
(4,610)	1:23:A:LEU:HD22	1:25:A:ALA:H	5	0.75
(4,610)	1:23:A:LEU:HD23	1:25:A:ALA:H	5	0.75
(4,610)	1:23:A:LEU:HD21	1:25:A:ALA:H	13	0.75
(4,610)	1:23:A:LEU:HD22	1:25:A:ALA:H	13	0.75
(4,610)	1:23:A:LEU:HD23	1:25:A:ALA:H	13	0.75
(4,610)	1:23:A:LEU:HD21	1:25:A:ALA:H	19	0.75
(4,610)	1:23:A:LEU:HD22	1:25:A:ALA:H	19	0.75
(4,610)	1:23:A:LEU:HD23	1:25:A:ALA:H	19	0.75
(4,571)	1:126:A:GLY:H	1:128:A:LEU:HG	4	0.75
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB1	2	0.75
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB2	2	0.75
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB3	2	0.75
(3,2467)	1:136:A:CYS:HB2	1:141:A:LYS:H	12	0.75
(3,2467)	1:136:A:CYS:HB3	1:141:A:LYS:H	12	0.75
(3,2172)	1:43:A:MET:HE1	1:131:A:LEU:HB2	2	0.75
(3,2172)	1:43:A:MET:HE1	1:131:A:LEU:HB3	2	0.75
(3,2172)	1:43:A:MET:HE2	1:131:A:LEU:HB2	2	0.75
(3,2172)	1:43:A:MET:HE2	1:131:A:LEU:HB3	2	0.75
(3,2172)	1:43:A:MET:HE3	1:131:A:LEU:HB2	2	0.75
(3,2172)	1:43:A:MET:HE3	1:131:A:LEU:HB3	2	0.75
(3,2170)	1:43:A:MET:HG2	1:144:A:LEU:HD21	16	0.75
(3,2170)	1:43:A:MET:HG2	1:144:A:LEU:HD22	16	0.75
(3,2170)	1:43:A:MET:HG2	1:144:A:LEU:HD23	16	0.75
(3,2170)	1:43:A:MET:HG3	1:144:A:LEU:HD21	16	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2170)	1:43:A:MET:HG3	1:144:A:LEU:HD22	16	0.75
(3,2170)	1:43:A:MET:HG3	1:144:A:LEU:HD23	16	0.75
(3,1974)	1:10:A:ASN:HD21	1:81:A:GLU:H	13	0.75
(3,1974)	1:10:A:ASN:HD22	1:81:A:GLU:H	13	0.75
(3,1968)	1:10:A:ASN:HD21	1:12:A:VAL:HG11	19	0.75
(3,1968)	1:10:A:ASN:HD21	1:12:A:VAL:HG12	19	0.75
(3,1968)	1:10:A:ASN:HD21	1:12:A:VAL:HG13	19	0.75
(3,1968)	1:10:A:ASN:HD21	1:12:A:VAL:HG21	19	0.75
(3,1968)	1:10:A:ASN:HD21	1:12:A:VAL:HG22	19	0.75
(3,1968)	1:10:A:ASN:HD21	1:12:A:VAL:HG23	19	0.75
(3,1968)	1:10:A:ASN:HD22	1:12:A:VAL:HG11	19	0.75
(3,1968)	1:10:A:ASN:HD22	1:12:A:VAL:HG12	19	0.75
(3,1968)	1:10:A:ASN:HD22	1:12:A:VAL:HG13	19	0.75
(3,1968)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	19	0.75
(3,1968)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	19	0.75
(3,1968)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	19	0.75
(3,1696)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	4	0.75
(3,1696)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	4	0.75
(3,1696)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	7	0.75
(3,1696)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	7	0.75
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	11	0.75
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	11	0.75
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	11	0.75
(3,1239)	1:11:A:ILE:HD11	1:131:A:LEU:HA	7	0.75
(3,1239)	1:11:A:ILE:HD12	1:131:A:LEU:HA	7	0.75
(3,1239)	1:11:A:ILE:HD13	1:131:A:LEU:HA	7	0.75
(3,1194)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	9	0.75
(3,1194)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	9	0.75
(3,1194)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	9	0.75
(3,1194)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	9	0.75
(3,1194)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	9	0.75
(3,1194)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	9	0.75
(3,1015)	1:98:A:ILE:HB	1:105:A:LYS:HB2	7	0.75
(3,1015)	1:98:A:ILE:HB	1:105:A:LYS:HB3	7	0.75
(3,887)	1:21:A:THR:HG21	1:24:A:ASP:HB2	2	0.75
(3,887)	1:21:A:THR:HG21	1:24:A:ASP:HB3	2	0.75
(3,887)	1:21:A:THR:HG22	1:24:A:ASP:HB2	2	0.75
(3,887)	1:21:A:THR:HG22	1:24:A:ASP:HB3	2	0.75
(3,887)	1:21:A:THR:HG23	1:24:A:ASP:HB2	2	0.75
(3,887)	1:21:A:THR:HG23	1:24:A:ASP:HB3	2	0.75
(3,887)	1:21:A:THR:HG21	1:24:A:ASP:HB2	14	0.75
(3,887)	1:21:A:THR:HG21	1:24:A:ASP:HB3	14	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,887)	1:21:A:THR:HG22	1:24:A:ASP:HB2	14	0.75
(3,887)	1:21:A:THR:HG22	1:24:A:ASP:HB3	14	0.75
(3,887)	1:21:A:THR:HG23	1:24:A:ASP:HB2	14	0.75
(3,887)	1:21:A:THR:HG23	1:24:A:ASP:HB3	14	0.75
(3,811)	1:11:A:ILE:HD11	1:43:A:MET:HG2	6	0.75
(3,811)	1:11:A:ILE:HD12	1:43:A:MET:HG2	6	0.75
(3,811)	1:11:A:ILE:HD13	1:43:A:MET:HG2	6	0.75
(3,749)	1:45:A:ALA:H	1:46:A:ASN:HD21	10	0.75
(3,586)	1:126:A:GLY:H	1:128:A:LEU:HG	3	0.75
(3,325)	1:44:A:GLU:HG2	1:46:A:ASN:H	17	0.75
(3,118)	1:79:A:THR:H	1:80:A:TYR:H	10	0.75
(3,63)	1:34:A:LYS:H	1:81:A:GLU:H	5	0.75
(2,2434)	1:136:A:CYS:HB2	1:141:A:LYS:H	12	0.75
(2,2434)	1:136:A:CYS:HB3	1:141:A:LYS:H	12	0.75
(2,1888)	1:18:A:PHE:HA	1:113:A:PHE:HE1	1	0.75
(2,1888)	1:18:A:PHE:HA	1:113:A:PHE:HE2	1	0.75
(2,1647)	1:34:A:LYS:H	1:80:A:TYR:HA	1	0.75
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG21	3	0.75
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG22	3	0.75
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG23	3	0.75
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG21	3	0.75
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG22	3	0.75
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG23	3	0.75
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG21	3	0.75
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG22	3	0.75
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG23	3	0.75
(2,1354)	1:73:A:ILE:HB	1:76:A:ARG:HA	5	0.75
(2,1013)	1:34:A:LYS:H	1:81:A:GLU:HB3	9	0.75
(2,983)	1:12:A:VAL:HB	1:43:A:MET:HE1	11	0.75
(2,983)	1:12:A:VAL:HB	1:43:A:MET:HE2	11	0.75
(2,983)	1:12:A:VAL:HB	1:43:A:MET:HE3	11	0.75
(2,981)	1:105:A:LYS:HD2	1:107:A:LEU:H	16	0.75
(2,981)	1:105:A:LYS:HD3	1:107:A:LEU:H	16	0.75
(2,893)	1:69:A:MET:HE1	1:73:A:ILE:HB	8	0.75
(2,893)	1:69:A:MET:HE2	1:73:A:ILE:HB	8	0.75
(2,893)	1:69:A:MET:HE3	1:73:A:ILE:HB	8	0.75
(2,793)	1:63:A:ILE:HD11	1:117:A:VAL:HG21	15	0.75
(2,793)	1:63:A:ILE:HD11	1:117:A:VAL:HG22	15	0.75
(2,793)	1:63:A:ILE:HD11	1:117:A:VAL:HG23	15	0.75
(2,793)	1:63:A:ILE:HD12	1:117:A:VAL:HG21	15	0.75
(2,793)	1:63:A:ILE:HD12	1:117:A:VAL:HG22	15	0.75
(2,793)	1:63:A:ILE:HD12	1:117:A:VAL:HG23	15	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,793)	1:63:A:ILE:HD13	1:117:A:VAL:HG21	15	0.75
(2,793)	1:63:A:ILE:HD13	1:117:A:VAL:HG22	15	0.75
(2,793)	1:63:A:ILE:HD13	1:117:A:VAL:HG23	15	0.75
(2,731)	1:45:A:ALA:H	1:46:A:ASN:HD21	10	0.75
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD21	6	0.75
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD22	6	0.75
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD23	6	0.75
(2,617)	1:23:A:LEU:HD21	1:25:A:ALA:H	2	0.75
(2,617)	1:23:A:LEU:HD22	1:25:A:ALA:H	2	0.75
(2,617)	1:23:A:LEU:HD23	1:25:A:ALA:H	2	0.75
(2,617)	1:23:A:LEU:HD21	1:25:A:ALA:H	5	0.75
(2,617)	1:23:A:LEU:HD22	1:25:A:ALA:H	5	0.75
(2,617)	1:23:A:LEU:HD23	1:25:A:ALA:H	5	0.75
(2,617)	1:23:A:LEU:HD21	1:25:A:ALA:H	13	0.75
(2,617)	1:23:A:LEU:HD22	1:25:A:ALA:H	13	0.75
(2,617)	1:23:A:LEU:HD23	1:25:A:ALA:H	13	0.75
(2,617)	1:23:A:LEU:HD21	1:25:A:ALA:H	19	0.75
(2,617)	1:23:A:LEU:HD22	1:25:A:ALA:H	19	0.75
(2,617)	1:23:A:LEU:HD23	1:25:A:ALA:H	19	0.75
(2,63)	1:81:A:GLU:H	1:81:A:GLU:HG2	16	0.75
(2,63)	1:81:A:GLU:H	1:81:A:GLU:HG3	16	0.75
(1,2406)	1:136:A:CYS:HB2	1:141:A:LYS:H	12	0.75
(1,2406)	1:136:A:CYS:HB3	1:141:A:LYS:H	12	0.75
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD11	13	0.75
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD12	13	0.75
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD13	13	0.75
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD21	13	0.75
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD22	13	0.75
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD23	13	0.75
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	17	0.75
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	17	0.75
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	17	0.75
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	17	0.75
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	17	0.75
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	17	0.75
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	17	0.75
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	17	0.75
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	17	0.75
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	17	0.75
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	17	0.75
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	17	0.75
(1,1657)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	13	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1657)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	13	0.75
(1,1657)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	13	0.75
(1,1657)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	13	0.75
(1,1657)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	13	0.75
(1,1657)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	13	0.75
(1,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	7	0.75
(1,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	7	0.75
(1,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	7	0.75
(1,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	7	0.75
(1,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	7	0.75
(1,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	7	0.75
(1,1563)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	14	0.75
(1,1563)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	14	0.75
(1,1563)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	14	0.75
(1,1563)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	14	0.75
(1,1563)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	14	0.75
(1,1563)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	14	0.75
(1,1514)	1:43:A:MET:HA	1:43:A:MET:HE1	18	0.75
(1,1514)	1:43:A:MET:HA	1:43:A:MET:HE2	18	0.75
(1,1514)	1:43:A:MET:HA	1:43:A:MET:HE3	18	0.75
(1,1483)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	2	0.75
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	15	0.75
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	15	0.75
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	15	0.75
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	4	0.75
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	4	0.75
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	4	0.75
(1,1019)	1:98:A:ILE:HB	1:105:A:LYS:HB2	7	0.75
(1,1019)	1:98:A:ILE:HB	1:105:A:LYS:HB3	7	0.75
(1,1009)	1:105:A:LYS:HD2	1:107:A:LEU:H	14	0.75
(1,1009)	1:105:A:LYS:HD3	1:107:A:LEU:H	14	0.75
(1,888)	1:21:A:THR:HG21	1:24:A:ASP:HB2	2	0.75
(1,888)	1:21:A:THR:HG21	1:24:A:ASP:HB3	2	0.75
(1,888)	1:21:A:THR:HG22	1:24:A:ASP:HB2	2	0.75
(1,888)	1:21:A:THR:HG22	1:24:A:ASP:HB3	2	0.75
(1,888)	1:21:A:THR:HG23	1:24:A:ASP:HB2	2	0.75
(1,888)	1:21:A:THR:HG23	1:24:A:ASP:HB3	2	0.75
(1,888)	1:21:A:THR:HG21	1:24:A:ASP:HB2	14	0.75
(1,888)	1:21:A:THR:HG21	1:24:A:ASP:HB3	14	0.75
(1,888)	1:21:A:THR:HG22	1:24:A:ASP:HB2	14	0.75
(1,888)	1:21:A:THR:HG22	1:24:A:ASP:HB3	14	0.75
(1,888)	1:21:A:THR:HG23	1:24:A:ASP:HB2	14	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,888)	1:21:A:THR:HG23	1:24:A:ASP:HB3	14	0.75
(1,832)	1:98:A:ILE:HD11	1:101:A:ILE:HB	18	0.75
(1,832)	1:98:A:ILE:HD12	1:101:A:ILE:HB	18	0.75
(1,832)	1:98:A:ILE:HD13	1:101:A:ILE:HB	18	0.75
(1,742)	1:45:A:ALA:H	1:46:A:ASN:HD21	10	0.75
(1,587)	1:126:A:GLY:H	1:128:A:LEU:HG	3	0.75
(1,340)	1:57:A:LEU:H	1:58:A:ILE:HG13	16	0.75
(1,162)	1:67:A:PRO:HD3	1:95:A:ILE:H	9	0.75
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD11	4	0.74
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD12	4	0.74
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD13	4	0.74
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD21	4	0.74
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD22	4	0.74
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD23	4	0.74
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	11	0.74
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	11	0.74
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	11	0.74
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	11	0.74
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	11	0.74
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	11	0.74
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD11	11	0.74
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD12	11	0.74
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD13	11	0.74
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD21	11	0.74
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD22	11	0.74
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD23	11	0.74
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD11	9	0.74
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD12	9	0.74
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD13	9	0.74
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD21	9	0.74
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD22	9	0.74
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD23	9	0.74
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD11	9	0.74
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD12	9	0.74
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD13	9	0.74
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD21	9	0.74
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD22	9	0.74
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD23	9	0.74
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD11	9	0.74
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD12	9	0.74
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD13	9	0.74
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD21	9	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD22	9	0.74
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD23	9	0.74
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	9	0.74
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	9	0.74
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	9	0.74
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	9	0.74
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	9	0.74
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	9	0.74
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	9	0.74
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	9	0.74
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	9	0.74
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	9	0.74
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	9	0.74
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	9	0.74
(34,1978)	1:12:A:VAL:HG11	1:79:A:THR:HB	11	0.74
(34,1978)	1:12:A:VAL:HG12	1:79:A:THR:HB	11	0.74
(34,1978)	1:12:A:VAL:HG13	1:79:A:THR:HB	11	0.74
(34,1978)	1:12:A:VAL:HG21	1:79:A:THR:HB	11	0.74
(34,1978)	1:12:A:VAL:HG22	1:79:A:THR:HB	11	0.74
(34,1978)	1:12:A:VAL:HG23	1:79:A:THR:HB	11	0.74
(34,1784)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	5	0.74
(34,1784)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	5	0.74
(34,1784)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	5	0.74
(34,1784)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	5	0.74
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	15	0.74
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	15	0.74
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	15	0.74
(34,1697)	1:69:A:MET:HG3	1:109:A:PRO:HA	10	0.74
(34,1566)	1:138:A:ASP:HB2	1:139:A:LEU:HD21	13	0.74
(34,1566)	1:138:A:ASP:HB2	1:139:A:LEU:HD22	13	0.74
(34,1566)	1:138:A:ASP:HB2	1:139:A:LEU:HD23	13	0.74
(34,1566)	1:138:A:ASP:HB3	1:139:A:LEU:HD21	13	0.74
(34,1566)	1:138:A:ASP:HB3	1:139:A:LEU:HD22	13	0.74
(34,1566)	1:138:A:ASP:HB3	1:139:A:LEU:HD23	13	0.74
(34,1530)	1:69:A:MET:HE1	1:110:A:MET:H	1	0.74
(34,1530)	1:69:A:MET:HE2	1:110:A:MET:H	1	0.74
(34,1530)	1:69:A:MET:HE3	1:110:A:MET:H	1	0.74
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG21	7	0.74
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG22	7	0.74
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG23	7	0.74
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG21	12	0.74
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG22	12	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG23	12	0.74
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD21	3	0.74
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD22	3	0.74
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD23	3	0.74
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD11	4	0.74
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD12	4	0.74
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD13	4	0.74
(34,1057)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	11	0.74
(34,706)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	14	0.74
(34,706)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	14	0.74
(34,643)	1:59:A:CYS:H	1:60:A:LEU:HB3	3	0.74
(34,330)	1:44:A:GLU:HG2	1:46:A:ASN:H	3	0.74
(34,170)	1:94:A:ALA:HB1	1:95:A:ILE:H	6	0.74
(34,170)	1:94:A:ALA:HB2	1:95:A:ILE:H	6	0.74
(34,170)	1:94:A:ALA:HB3	1:95:A:ILE:H	6	0.74
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD11	14	0.74
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD12	14	0.74
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD13	14	0.74
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD21	14	0.74
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD22	14	0.74
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD23	14	0.74
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD11	4	0.74
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD12	4	0.74
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD13	4	0.74
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD21	4	0.74
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD22	4	0.74
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD23	4	0.74
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	11	0.74
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	11	0.74
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	11	0.74
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	11	0.74
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	11	0.74
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	11	0.74
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	11	0.74
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	11	0.74
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	11	0.74
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	11	0.74
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	11	0.74
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	11	0.74
(33,1844)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	5	0.74
(33,1844)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	5	0.74
(33,1767)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	5	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1767)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	5	0.74
(33,1767)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	5	0.74
(33,1767)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	5	0.74
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD21	17	0.74
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD22	17	0.74
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD23	17	0.74
(33,1573)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	13	0.74
(33,1573)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	13	0.74
(33,1573)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	13	0.74
(33,1567)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	5	0.74
(33,1567)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	5	0.74
(33,1567)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	5	0.74
(33,1567)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	5	0.74
(33,1567)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	5	0.74
(33,1567)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	5	0.74
(33,1567)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	5	0.74
(33,1567)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	5	0.74
(33,1567)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	5	0.74
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG11	16	0.74
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG12	16	0.74
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG13	16	0.74
(33,975)	1:11:A:ILE:HG12	1:14:A:VAL:HB	15	0.74
(33,940)	1:63:A:ILE:HG12	1:117:A:VAL:HA	17	0.74
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	11	0.74
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	11	0.74
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	11	0.74
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	11	0.74
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	11	0.74
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	11	0.74
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	11	0.74
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	11	0.74
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	11	0.74
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	18	0.74
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	18	0.74
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	18	0.74
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	18	0.74
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	18	0.74
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	18	0.74
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	18	0.74
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	18	0.74
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	18	0.74
(33,322)	1:44:A:GLU:HG2	1:46:A:ASN:H	3	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,164)	1:94:A:ALA:HB1	1:95:A:ILE:H	6	0.74
(33,164)	1:94:A:ALA:HB2	1:95:A:ILE:H	6	0.74
(33,164)	1:94:A:ALA:HB3	1:95:A:ILE:H	6	0.74
(33,163)	1:95:A:ILE:H	1:95:A:ILE:HB	10	0.74
(32,2468)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	13	0.74
(32,2468)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	13	0.74
(32,2468)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	13	0.74
(32,2468)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	13	0.74
(32,2468)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	13	0.74
(32,2468)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	13	0.74
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD11	5	0.74
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD12	5	0.74
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD13	5	0.74
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD21	5	0.74
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD22	5	0.74
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD23	5	0.74
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	1	0.74
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	1	0.74
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	1	0.74
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	1	0.74
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	1	0.74
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	1	0.74
(32,1859)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	1	0.74
(32,1859)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	1	0.74
(32,1859)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	1	0.74
(32,1859)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	1	0.74
(32,1859)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	1	0.74
(32,1859)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	1	0.74
(32,1475)	1:69:A:MET:HE1	1:110:A:MET:H	1	0.74
(32,1475)	1:69:A:MET:HE2	1:110:A:MET:H	1	0.74
(32,1475)	1:69:A:MET:HE3	1:110:A:MET:H	1	0.74
(32,799)	1:98:A:ILE:HD11	1:101:A:ILE:HB	15	0.74
(32,799)	1:98:A:ILE:HD12	1:101:A:ILE:HB	15	0.74
(32,799)	1:98:A:ILE:HD13	1:101:A:ILE:HB	15	0.74
(32,497)	1:70:A:LYS:HE2	1:71:A:LYS:H	15	0.74
(32,497)	1:70:A:LYS:HE3	1:71:A:LYS:H	15	0.74
(32,224)	1:10:A:ASN:H	1:13:A:ALA:HB1	1	0.74
(32,224)	1:10:A:ASN:H	1:13:A:ALA:HB2	1	0.74
(32,224)	1:10:A:ASN:H	1:13:A:ALA:HB3	1	0.74
(32,159)	1:94:A:ALA:HB1	1:95:A:ILE:H	6	0.74
(32,159)	1:94:A:ALA:HB2	1:95:A:ILE:H	6	0.74
(32,159)	1:94:A:ALA:HB3	1:95:A:ILE:H	6	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2370)	1:115:A:ALA:H	1:116:A:GLN:HE21	13	0.74
(30,2370)	1:115:A:ALA:H	1:116:A:GLN:HE22	13	0.74
(30,2276)	1:75:A:GLY:H	1:77:A:CYS:HB2	7	0.74
(30,2276)	1:75:A:GLY:H	1:77:A:CYS:HB3	7	0.74
(30,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	15	0.74
(30,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	15	0.74
(30,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	15	0.74
(30,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	15	0.74
(30,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	15	0.74
(30,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	15	0.74
(30,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	15	0.74
(30,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	15	0.74
(30,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	15	0.74
(30,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	15	0.74
(30,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	15	0.74
(30,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	15	0.74
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD11	11	0.74
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD12	11	0.74
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD13	11	0.74
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD21	11	0.74
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD22	11	0.74
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD23	11	0.74
(30,1908)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	2	0.74
(30,1908)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	2	0.74
(30,1908)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	2	0.74
(30,1908)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	2	0.74
(30,1846)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	5	0.74
(30,1846)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	5	0.74
(30,1513)	1:69:A:MET:HE1	1:110:A:MET:H	1	0.74
(30,1513)	1:69:A:MET:HE2	1:110:A:MET:H	1	0.74
(30,1513)	1:69:A:MET:HE3	1:110:A:MET:H	1	0.74
(30,1166)	1:140:A:LEU:HD21	1:144:A:LEU:H	18	0.74
(30,1166)	1:140:A:LEU:HD22	1:144:A:LEU:H	18	0.74
(30,1166)	1:140:A:LEU:HD23	1:144:A:LEU:H	18	0.74
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD21	8	0.74
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD22	8	0.74
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD23	8	0.74
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD21	8	0.74
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD22	8	0.74
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD23	8	0.74
(30,1059)	1:54:A:ARG:HA	1:58:A:ILE:HG13	9	0.74
(30,961)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	19	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,961)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	19	0.74
(30,931)	1:63:A:ILE:HG12	1:117:A:VAL:HA	17	0.74
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	2	0.74
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	2	0.74
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	2	0.74
(30,679)	1:133:A:ASN:H	1:134:A:VAL:HG21	8	0.74
(30,679)	1:133:A:ASN:H	1:134:A:VAL:HG22	8	0.74
(30,679)	1:133:A:ASN:H	1:134:A:VAL:HG23	8	0.74
(30,323)	1:44:A:GLU:HG2	1:46:A:ASN:H	3	0.74
(30,235)	1:10:A:ASN:H	1:13:A:ALA:HB1	1	0.74
(30,235)	1:10:A:ASN:H	1:13:A:ALA:HB2	1	0.74
(30,235)	1:10:A:ASN:H	1:13:A:ALA:HB3	1	0.74
(30,166)	1:94:A:ALA:HB1	1:95:A:ILE:H	6	0.74
(30,166)	1:94:A:ALA:HB2	1:95:A:ILE:H	6	0.74
(30,166)	1:94:A:ALA:HB3	1:95:A:ILE:H	6	0.74
(30,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	7	0.74
(30,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	7	0.74
(30,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	7	0.74
(30,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	10	0.74
(30,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	10	0.74
(30,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	10	0.74
(30,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	18	0.74
(30,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	18	0.74
(30,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	18	0.74
(29,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	4	0.74
(29,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	4	0.74
(29,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	4	0.74
(29,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	4	0.74
(29,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	16	0.74
(29,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	16	0.74
(29,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	16	0.74
(29,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	16	0.74
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	11	0.74
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	11	0.74
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	11	0.74
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	11	0.74
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	11	0.74
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	11	0.74
(29,2144)	1:40:A:LEU:HD11	1:44:A:GLU:HG2	15	0.74
(29,2144)	1:40:A:LEU:HD12	1:44:A:GLU:HG2	15	0.74
(29,2144)	1:40:A:LEU:HD13	1:44:A:GLU:HG2	15	0.74
(29,2144)	1:40:A:LEU:HD21	1:44:A:GLU:HG2	15	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2144)	1:40:A:LEU:HD22	1:44:A:GLU:HG2	15	0.74
(29,2144)	1:40:A:LEU:HD23	1:44:A:GLU:HG2	15	0.74
(29,1990)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	14	0.74
(29,1990)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	14	0.74
(29,1990)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	14	0.74
(29,1990)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	14	0.74
(29,1990)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	14	0.74
(29,1990)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	14	0.74
(29,1990)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	14	0.74
(29,1990)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	14	0.74
(29,1990)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	14	0.74
(29,1990)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	14	0.74
(29,1990)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	14	0.74
(29,1990)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	14	0.74
(29,1990)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	14	0.74
(29,1990)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	14	0.74
(29,1990)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	14	0.74
(29,1990)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	14	0.74
(29,1990)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	14	0.74
(29,1990)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	14	0.74
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	1	0.74
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	1	0.74
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	1	0.74
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	1	0.74
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	1	0.74
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	1	0.74
(29,1598)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	13	0.74
(29,1598)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	13	0.74
(29,1598)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	13	0.74
(29,1252)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	11	0.74
(29,1252)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	11	0.74
(29,1252)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	11	0.74
(29,998)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	12	0.74
(29,998)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	12	0.74
(29,961)	1:39:A:VAL:HA	1:43:A:MET:HG3	15	0.74
(29,946)	1:63:A:ILE:HG12	1:117:A:VAL:HA	17	0.74
(29,773)	1:37:A:LEU:H	1:40:A:LEU:HB3	16	0.74
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	2	0.74
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	2	0.74
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	2	0.74
(29,687)	1:133:A:ASN:H	1:134:A:VAL:HG21	8	0.74
(29,687)	1:133:A:ASN:H	1:134:A:VAL:HG22	8	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,687)	1:133:A:ASN:H	1:134:A:VAL:HG23	8	0.74
(29,321)	1:44:A:GLU:HG2	1:46:A:ASN:H	3	0.74
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE1	1	0.74
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE2	1	0.74
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE3	1	0.74
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE1	14	0.74
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE2	14	0.74
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE3	14	0.74
(29,174)	1:94:A:ALA:HB1	1:95:A:ILE:H	6	0.74
(29,174)	1:94:A:ALA:HB2	1:95:A:ILE:H	6	0.74
(29,174)	1:94:A:ALA:HB3	1:95:A:ILE:H	6	0.74
(29,173)	1:95:A:ILE:H	1:95:A:ILE:HB	10	0.74
(23,13)	1:114:A:ILE:N	1:110:A:MET:O	4	0.74
(23,13)	1:114:A:ILE:N	1:110:A:MET:O	5	0.74
(23,13)	1:114:A:ILE:N	1:110:A:MET:O	6	0.74
(23,13)	1:114:A:ILE:N	1:110:A:MET:O	9	0.74
(23,13)	1:114:A:ILE:N	1:110:A:MET:O	11	0.74
(23,13)	1:114:A:ILE:N	1:110:A:MET:O	13	0.74
(23,12)	1:113:A:PHE:N	1:109:A:PRO:O	6	0.74
(23,12)	1:113:A:PHE:N	1:109:A:PRO:O	9	0.74
(22,42)	1:129:A:LYS:N	1:125:A:THR:C	3	0.74
(22,42)	1:129:A:LYS:N	1:125:A:THR:C	6	0.74
(22,42)	1:129:A:LYS:N	1:125:A:THR:C	12	0.74
(22,42)	1:129:A:LYS:N	1:125:A:THR:C	15	0.74
(22,42)	1:129:A:LYS:N	1:125:A:THR:C	19	0.74
(22,41)	1:129:A:LYS:H	1:125:A:THR:C	5	0.74
(22,35)	1:119:A:LEU:H	1:115:A:ALA:C	3	0.74
(22,33)	1:118:A:ASP:H	1:114:A:ILE:C	13	0.74
(22,32)	1:117:A:VAL:N	1:113:A:PHE:C	6	0.74
(22,31)	1:117:A:VAL:H	1:113:A:PHE:C	1	0.74
(22,29)	1:116:A:GLN:H	1:112:A:GLN:C	8	0.74
(22,29)	1:116:A:GLN:H	1:112:A:GLN:C	17	0.74
(22,24)	1:113:A:PHE:N	1:109:A:PRO:C	10	0.74
(22,10)	1:58:A:ILE:N	1:54:A:ARG:C	5	0.74
(22,10)	1:58:A:ILE:N	1:54:A:ARG:C	16	0.74
(22,10)	1:58:A:ILE:N	1:54:A:ARG:C	19	0.74
(22,5)	1:44:A:GLU:H	1:40:A:LEU:C	10	0.74
(19,16)	1:52:A:CYS:SG	1:56:A:CYS:CB	3	0.74
(18,2448)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	13	0.74
(18,2448)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	13	0.74
(18,2448)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	13	0.74
(18,2448)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	13	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2448)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	13	0.74
(18,2448)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	13	0.74
(18,2224)	1:60:A:LEU:HD11	1:122:A:ASP:H	18	0.74
(18,2224)	1:60:A:LEU:HD12	1:122:A:ASP:H	18	0.74
(18,2224)	1:60:A:LEU:HD13	1:122:A:ASP:H	18	0.74
(18,2224)	1:60:A:LEU:HD21	1:122:A:ASP:H	18	0.74
(18,2224)	1:60:A:LEU:HD22	1:122:A:ASP:H	18	0.74
(18,2224)	1:60:A:LEU:HD23	1:122:A:ASP:H	18	0.74
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD11	11	0.74
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD12	11	0.74
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD13	11	0.74
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD21	11	0.74
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD22	11	0.74
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD23	11	0.74
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD11	9	0.74
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD12	9	0.74
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD13	9	0.74
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD21	9	0.74
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD22	9	0.74
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD23	9	0.74
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD11	9	0.74
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD12	9	0.74
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD13	9	0.74
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD21	9	0.74
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD22	9	0.74
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD23	9	0.74
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD11	9	0.74
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD12	9	0.74
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD13	9	0.74
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD21	9	0.74
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD22	9	0.74
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD23	9	0.74
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	9	0.74
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	9	0.74
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	9	0.74
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	9	0.74
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	9	0.74
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	9	0.74
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	9	0.74
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	9	0.74
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	9	0.74
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	9	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	9	0.74
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	9	0.74
(18,2022)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	13	0.74
(18,2022)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	13	0.74
(18,2022)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	13	0.74
(18,2022)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	13	0.74
(18,2022)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	13	0.74
(18,2022)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	13	0.74
(18,2022)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	13	0.74
(18,2022)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	13	0.74
(18,2022)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	13	0.74
(18,2022)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	13	0.74
(18,2022)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	13	0.74
(18,2022)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	13	0.74
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	15	0.74
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	15	0.74
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	15	0.74
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	15	0.74
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	15	0.74
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	15	0.74
(18,1570)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	13	0.74
(18,1570)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	13	0.74
(18,1570)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	13	0.74
(18,1564)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	5	0.74
(18,1564)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	5	0.74
(18,1564)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	5	0.74
(18,1564)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	5	0.74
(18,1564)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	5	0.74
(18,1564)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	5	0.74
(18,1564)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	5	0.74
(18,1564)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	5	0.74
(18,1564)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	5	0.74
(18,1531)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	2	0.74
(18,1531)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	2	0.74
(18,1531)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	2	0.74
(18,1531)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	2	0.74
(18,1531)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	2	0.74
(18,1531)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	2	0.74
(18,1289)	1:9:A:PHE:HE1	1:14:A:VAL:HG11	16	0.74
(18,1289)	1:9:A:PHE:HE1	1:14:A:VAL:HG12	16	0.74
(18,1289)	1:9:A:PHE:HE1	1:14:A:VAL:HG13	16	0.74
(18,1289)	1:9:A:PHE:HE2	1:14:A:VAL:HG11	16	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1289)	1:9:A:PHE:HE2	1:14:A:VAL:HG12	16	0.74
(18,1289)	1:9:A:PHE:HE2	1:14:A:VAL:HG13	16	0.74
(18,947)	1:63:A:ILE:HG12	1:117:A:VAL:HA	17	0.74
(18,944)	1:73:A:ILE:HD11	1:112:A:GLN:HG2	14	0.74
(18,944)	1:73:A:ILE:HD11	1:112:A:GLN:HG3	14	0.74
(18,944)	1:73:A:ILE:HD12	1:112:A:GLN:HG2	14	0.74
(18,944)	1:73:A:ILE:HD12	1:112:A:GLN:HG3	14	0.74
(18,944)	1:73:A:ILE:HD13	1:112:A:GLN:HG2	14	0.74
(18,944)	1:73:A:ILE:HD13	1:112:A:GLN:HG3	14	0.74
(18,485)	1:48:A:ARG:HA	1:53:A:THR:H	4	0.74
(18,167)	1:94:A:ALA:HB1	1:95:A:ILE:H	6	0.74
(18,167)	1:94:A:ALA:HB2	1:95:A:ILE:H	6	0.74
(18,167)	1:94:A:ALA:HB3	1:95:A:ILE:H	6	0.74
(18,153)	1:67:A:PRO:HD3	1:95:A:ILE:H	17	0.74
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	11	0.74
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	11	0.74
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	11	0.74
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	11	0.74
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	11	0.74
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	11	0.74
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	1	0.74
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	1	0.74
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	1	0.74
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	1	0.74
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	1	0.74
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	1	0.74
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE1	17	0.74
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE2	17	0.74
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	15	0.74
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	15	0.74
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	15	0.74
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	15	0.74
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	15	0.74
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	15	0.74
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	15	0.74
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	15	0.74
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	15	0.74
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD21	8	0.74
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD22	8	0.74
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD23	8	0.74
(17,1552)	1:69:A:MET:HE1	1:76:A:ARG:HG2	10	0.74
(17,1552)	1:69:A:MET:HE1	1:76:A:ARG:HG3	10	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1552)	1:69:A:MET:HE2	1:76:A:ARG:HG2	10	0.74
(17,1552)	1:69:A:MET:HE2	1:76:A:ARG:HG3	10	0.74
(17,1552)	1:69:A:MET:HE3	1:76:A:ARG:HG2	10	0.74
(17,1552)	1:69:A:MET:HE3	1:76:A:ARG:HG3	10	0.74
(17,1218)	1:41:A:LYS:HG3	1:44:A:GLU:HG2	7	0.74
(17,942)	1:63:A:ILE:HG12	1:117:A:VAL:HA	17	0.74
(17,901)	1:69:A:MET:HE1	1:73:A:ILE:HB	19	0.74
(17,901)	1:69:A:MET:HE2	1:73:A:ILE:HB	19	0.74
(17,901)	1:69:A:MET:HE3	1:73:A:ILE:HB	19	0.74
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	2	0.74
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	2	0.74
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	2	0.74
(17,320)	1:44:A:GLU:HG2	1:46:A:ASN:H	3	0.74
(17,166)	1:94:A:ALA:HB1	1:95:A:ILE:H	6	0.74
(17,166)	1:94:A:ALA:HB2	1:95:A:ILE:H	6	0.74
(17,166)	1:94:A:ALA:HB3	1:95:A:ILE:H	6	0.74
(16,2339)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	1	0.74
(16,2339)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	1	0.74
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD11	12	0.74
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD12	12	0.74
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD13	12	0.74
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD21	12	0.74
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD22	12	0.74
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD23	12	0.74
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD11	4	0.74
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD12	4	0.74
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD13	4	0.74
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD21	4	0.74
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD22	4	0.74
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD23	4	0.74
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	11	0.74
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	11	0.74
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	11	0.74
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	11	0.74
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	11	0.74
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	11	0.74
(16,2083)	1:35:A:LEU:HD11	1:38:A:GLU:H	16	0.74
(16,2083)	1:35:A:LEU:HD12	1:38:A:GLU:H	16	0.74
(16,2083)	1:35:A:LEU:HD13	1:38:A:GLU:H	16	0.74
(16,2083)	1:35:A:LEU:HD21	1:38:A:GLU:H	16	0.74
(16,2083)	1:35:A:LEU:HD22	1:38:A:GLU:H	16	0.74
(16,2083)	1:35:A:LEU:HD23	1:38:A:GLU:H	16	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	15	0.74
(16,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	15	0.74
(16,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	15	0.74
(16,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	15	0.74
(16,1835)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	5	0.74
(16,1835)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	5	0.74
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG11	3	0.74
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG12	3	0.74
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG13	3	0.74
(16,1566)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	5	0.74
(16,1566)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	5	0.74
(16,1566)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	5	0.74
(16,1566)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	5	0.74
(16,1566)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	5	0.74
(16,1566)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	5	0.74
(16,1566)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	5	0.74
(16,1566)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	5	0.74
(16,1566)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	5	0.74
(16,1530)	1:69:A:MET:HE1	1:76:A:ARG:HB3	12	0.74
(16,1530)	1:69:A:MET:HE2	1:76:A:ARG:HB3	12	0.74
(16,1530)	1:69:A:MET:HE3	1:76:A:ARG:HB3	12	0.74
(16,968)	1:39:A:VAL:HA	1:43:A:MET:HG2	13	0.74
(16,910)	1:69:A:MET:HE1	1:73:A:ILE:HB	19	0.74
(16,910)	1:69:A:MET:HE2	1:73:A:ILE:HB	19	0.74
(16,910)	1:69:A:MET:HE3	1:73:A:ILE:HB	19	0.74
(16,846)	1:45:A:ALA:HA	1:48:A:ARG:HD2	14	0.74
(16,846)	1:45:A:ALA:HA	1:48:A:ARG:HD3	14	0.74
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	7	0.74
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	7	0.74
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	7	0.74
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	7	0.74
(16,688)	1:133:A:ASN:H	1:134:A:VAL:HG21	8	0.74
(16,688)	1:133:A:ASN:H	1:134:A:VAL:HG22	8	0.74
(16,688)	1:133:A:ASN:H	1:134:A:VAL:HG23	8	0.74
(16,355)	1:73:A:ILE:HD11	1:111:A:GLU:H	1	0.74
(16,355)	1:73:A:ILE:HD12	1:111:A:GLU:H	1	0.74
(16,355)	1:73:A:ILE:HD13	1:111:A:GLU:H	1	0.74
(16,169)	1:94:A:ALA:HB1	1:95:A:ILE:H	6	0.74
(16,169)	1:94:A:ALA:HB2	1:95:A:ILE:H	6	0.74
(16,169)	1:94:A:ALA:HB3	1:95:A:ILE:H	6	0.74
(16,168)	1:95:A:ILE:H	1:95:A:ILE:HB	10	0.74
(15,2465)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	13	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2465)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	13	0.74
(15,2465)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	13	0.74
(15,2465)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	13	0.74
(15,2465)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	13	0.74
(15,2465)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	13	0.74
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	11	0.74
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	11	0.74
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	11	0.74
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	11	0.74
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	11	0.74
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	11	0.74
(15,2124)	1:44:A:GLU:H	1:44:A:GLU:HG2	4	0.74
(15,2124)	1:44:A:GLU:H	1:44:A:GLU:HG3	4	0.74
(15,1831)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	5	0.74
(15,1831)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	5	0.74
(15,1759)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	5	0.74
(15,1759)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	5	0.74
(15,1759)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	5	0.74
(15,1759)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	5	0.74
(15,1578)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	13	0.74
(15,1578)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	13	0.74
(15,1578)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	13	0.74
(15,1506)	1:69:A:MET:HE1	1:110:A:MET:H	1	0.74
(15,1506)	1:69:A:MET:HE2	1:110:A:MET:H	1	0.74
(15,1506)	1:69:A:MET:HE3	1:110:A:MET:H	1	0.74
(15,932)	1:63:A:ILE:HG12	1:117:A:VAL:HA	17	0.74
(15,239)	1:10:A:ASN:H	1:13:A:ALA:HB1	1	0.74
(15,239)	1:10:A:ASN:H	1:13:A:ALA:HB2	1	0.74
(15,239)	1:10:A:ASN:H	1:13:A:ALA:HB3	1	0.74
(15,171)	1:94:A:ALA:HB1	1:95:A:ILE:H	6	0.74
(15,171)	1:94:A:ALA:HB2	1:95:A:ILE:H	6	0.74
(15,171)	1:94:A:ALA:HB3	1:95:A:ILE:H	6	0.74
(15,170)	1:95:A:ILE:H	1:95:A:ILE:HB	10	0.74
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG11	1	0.74
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG12	1	0.74
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG13	1	0.74
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG21	1	0.74
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG22	1	0.74
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG23	1	0.74
(13,2241)	1:75:A:GLY:H	1:77:A:CYS:HB2	7	0.74
(13,2241)	1:75:A:GLY:H	1:77:A:CYS:HB3	7	0.74
(13,2225)	1:70:A:LYS:HG2	1:71:A:LYS:H	19	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2225)	1:70:A:LYS:HG3	1:71:A:LYS:H	19	0.74
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG11	18	0.74
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG12	18	0.74
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG13	18	0.74
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG21	18	0.74
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG22	18	0.74
(13,2129)	1:50:A:ALA:H	1:134:A:VAL:HG23	18	0.74
(13,2099)	1:44:A:GLU:H	1:44:A:GLU:HG2	4	0.74
(13,2099)	1:44:A:GLU:H	1:44:A:GLU:HG3	4	0.74
(13,2003)	1:23:A:LEU:HD11	1:27:A:ARG:HB2	5	0.74
(13,2003)	1:23:A:LEU:HD12	1:27:A:ARG:HB2	5	0.74
(13,2003)	1:23:A:LEU:HD13	1:27:A:ARG:HB2	5	0.74
(13,2003)	1:23:A:LEU:HD21	1:27:A:ARG:HB2	5	0.74
(13,2003)	1:23:A:LEU:HD22	1:27:A:ARG:HB2	5	0.74
(13,2003)	1:23:A:LEU:HD23	1:27:A:ARG:HB2	5	0.74
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD11	11	0.74
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD12	11	0.74
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD13	11	0.74
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD21	11	0.74
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD22	11	0.74
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD23	11	0.74
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD11	9	0.74
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD12	9	0.74
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD13	9	0.74
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD21	9	0.74
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD22	9	0.74
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD23	9	0.74
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD11	9	0.74
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD12	9	0.74
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD13	9	0.74
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD21	9	0.74
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD22	9	0.74
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD23	9	0.74
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD11	9	0.74
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD12	9	0.74
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD13	9	0.74
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD21	9	0.74
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD22	9	0.74
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD23	9	0.74
(13,1555)	1:98:A:ILE:HG21	1:116:A:GLN:H	6	0.74
(13,1555)	1:98:A:ILE:HG22	1:116:A:GLN:H	6	0.74
(13,1555)	1:98:A:ILE:HG23	1:116:A:GLN:H	6	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1550)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	5	0.74
(13,1550)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	5	0.74
(13,1550)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	5	0.74
(13,1550)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	5	0.74
(13,1550)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	5	0.74
(13,1550)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	5	0.74
(13,1550)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	5	0.74
(13,1550)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	5	0.74
(13,1550)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	5	0.74
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD11	1	0.74
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD12	1	0.74
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD13	1	0.74
(13,883)	1:69:A:MET:HE1	1:73:A:ILE:HB	19	0.74
(13,883)	1:69:A:MET:HE2	1:73:A:ILE:HB	19	0.74
(13,883)	1:69:A:MET:HE3	1:73:A:ILE:HB	19	0.74
(13,829)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	15	0.74
(13,829)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	15	0.74
(13,702)	1:9:A:PHE:HD1	1:54:A:ARG:HE	17	0.74
(13,702)	1:9:A:PHE:HD2	1:54:A:ARG:HE	17	0.74
(13,683)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	14	0.74
(13,683)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	14	0.74
(13,164)	1:94:A:ALA:HB1	1:95:A:ILE:H	6	0.74
(13,164)	1:94:A:ALA:HB2	1:95:A:ILE:H	6	0.74
(13,164)	1:94:A:ALA:HB3	1:95:A:ILE:H	6	0.74
(13,163)	1:95:A:ILE:H	1:95:A:ILE:HB	10	0.74
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD11	4	0.74
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD12	4	0.74
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD13	4	0.74
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD21	4	0.74
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD22	4	0.74
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD23	4	0.74
(11,2087)	1:35:A:LEU:HD11	1:38:A:GLU:H	16	0.74
(11,2087)	1:35:A:LEU:HD12	1:38:A:GLU:H	16	0.74
(11,2087)	1:35:A:LEU:HD13	1:38:A:GLU:H	16	0.74
(11,2087)	1:35:A:LEU:HD21	1:38:A:GLU:H	16	0.74
(11,2087)	1:35:A:LEU:HD22	1:38:A:GLU:H	16	0.74
(11,2087)	1:35:A:LEU:HD23	1:38:A:GLU:H	16	0.74
(11,1886)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	2	0.74
(11,1886)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	2	0.74
(11,1871)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	5	0.74
(11,1871)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	5	0.74
(11,1610)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	5	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1610)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	5	0.74
(11,1610)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	5	0.74
(11,1610)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	5	0.74
(11,1610)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	5	0.74
(11,1610)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	5	0.74
(11,1610)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	5	0.74
(11,1610)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	5	0.74
(11,1610)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	5	0.74
(11,1536)	1:69:A:MET:HE1	1:110:A:MET:H	1	0.74
(11,1536)	1:69:A:MET:HE2	1:110:A:MET:H	1	0.74
(11,1536)	1:69:A:MET:HE3	1:110:A:MET:H	1	0.74
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD11	1	0.74
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD12	1	0.74
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD13	1	0.74
(11,1241)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	17	0.74
(11,1241)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	17	0.74
(11,1241)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	17	0.74
(11,1212)	1:140:A:LEU:HA	1:144:A:LEU:HD21	1	0.74
(11,1212)	1:140:A:LEU:HA	1:144:A:LEU:HD22	1	0.74
(11,1212)	1:140:A:LEU:HA	1:144:A:LEU:HD23	1	0.74
(11,971)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	9	0.74
(11,971)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	9	0.74
(11,637)	1:59:A:CYS:H	1:60:A:LEU:HB3	8	0.74
(11,262)	1:27:A:ARG:HB3	1:29:A:LYS:H	1	0.74
(11,166)	1:94:A:ALA:HB1	1:95:A:ILE:H	6	0.74
(11,166)	1:94:A:ALA:HB2	1:95:A:ILE:H	6	0.74
(11,166)	1:94:A:ALA:HB3	1:95:A:ILE:H	6	0.74
(11,165)	1:95:A:ILE:H	1:95:A:ILE:HB	10	0.74
(9,2353)	1:129:A:LYS:HG2	1:130:A:GLY:H	19	0.74
(9,2353)	1:129:A:LYS:HG3	1:130:A:GLY:H	19	0.74
(9,1884)	1:104:A:PHE:HE1	1:113:A:PHE:HA	16	0.74
(9,1884)	1:104:A:PHE:HE2	1:113:A:PHE:HA	16	0.74
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB1	17	0.74
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB2	17	0.74
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB3	17	0.74
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB1	17	0.74
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB2	17	0.74
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB3	17	0.74
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE1	17	0.74
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE2	17	0.74
(9,1575)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	5	0.74
(9,1575)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	5	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1575)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	5	0.74
(9,1575)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	5	0.74
(9,1575)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	5	0.74
(9,1575)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	5	0.74
(9,1575)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	5	0.74
(9,1575)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	5	0.74
(9,1575)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	5	0.74
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE1	5	0.74
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE2	5	0.74
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE3	5	0.74
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE1	5	0.74
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE2	5	0.74
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE3	5	0.74
(9,1511)	1:69:A:MET:HE1	1:110:A:MET:H	1	0.74
(9,1511)	1:69:A:MET:HE2	1:110:A:MET:H	1	0.74
(9,1511)	1:69:A:MET:HE3	1:110:A:MET:H	1	0.74
(9,1451)	1:13:A:ALA:HB1	1:78:A:HIS:HA	9	0.74
(9,1451)	1:13:A:ALA:HB2	1:78:A:HIS:HA	9	0.74
(9,1451)	1:13:A:ALA:HB3	1:78:A:HIS:HA	9	0.74
(9,1402)	1:60:A:LEU:HD21	1:120:A:CYS:HA	2	0.74
(9,1402)	1:60:A:LEU:HD22	1:120:A:CYS:HA	2	0.74
(9,1402)	1:60:A:LEU:HD23	1:120:A:CYS:HA	2	0.74
(9,1248)	1:21:A:THR:HG21	1:23:A:LEU:HA	7	0.74
(9,1248)	1:21:A:THR:HG22	1:23:A:LEU:HA	7	0.74
(9,1248)	1:21:A:THR:HG23	1:23:A:LEU:HA	7	0.74
(9,1055)	1:43:A:MET:HB2	1:140:A:LEU:HG	9	0.74
(9,985)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	12	0.74
(9,985)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	12	0.74
(9,917)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	7	0.74
(9,917)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	7	0.74
(9,917)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	7	0.74
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	15	0.74
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	15	0.74
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	15	0.74
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	15	0.74
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	15	0.74
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	15	0.74
(9,634)	1:59:A:CYS:H	1:60:A:LEU:HB3	3	0.74
(9,332)	1:44:A:GLU:HG2	1:46:A:ASN:H	3	0.74
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB2	10	0.74
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB3	10	0.74
(9,237)	1:10:A:ASN:H	1:13:A:ALA:HB1	1	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,237)	1:10:A:ASN:H	1:13:A:ALA:HB2	1	0.74
(9,237)	1:10:A:ASN:H	1:13:A:ALA:HB3	1	0.74
(9,167)	1:94:A:ALA:HB1	1:95:A:ILE:H	6	0.74
(9,167)	1:94:A:ALA:HB2	1:95:A:ILE:H	6	0.74
(9,167)	1:94:A:ALA:HB3	1:95:A:ILE:H	6	0.74
(9,166)	1:95:A:ILE:H	1:95:A:ILE:HB	10	0.74
(9,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	7	0.74
(9,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	7	0.74
(9,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	7	0.74
(9,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	10	0.74
(9,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	10	0.74
(9,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	10	0.74
(9,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	18	0.74
(9,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	18	0.74
(9,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	18	0.74
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB1	7	0.74
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB2	7	0.74
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB3	7	0.74
(7,2252)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	9	0.74
(7,2252)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	9	0.74
(7,2194)	1:63:A:ILE:HG12	1:113:A:PHE:HE1	13	0.74
(7,2194)	1:63:A:ILE:HG12	1:113:A:PHE:HE2	13	0.74
(7,2194)	1:63:A:ILE:HG13	1:113:A:PHE:HE1	13	0.74
(7,2194)	1:63:A:ILE:HG13	1:113:A:PHE:HE2	13	0.74
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD11	5	0.74
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD12	5	0.74
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD13	5	0.74
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD21	5	0.74
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD22	5	0.74
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD23	5	0.74
(7,2042)	1:35:A:LEU:HD11	1:38:A:GLU:H	16	0.74
(7,2042)	1:35:A:LEU:HD12	1:38:A:GLU:H	16	0.74
(7,2042)	1:35:A:LEU:HD13	1:38:A:GLU:H	16	0.74
(7,2042)	1:35:A:LEU:HD21	1:38:A:GLU:H	16	0.74
(7,2042)	1:35:A:LEU:HD22	1:38:A:GLU:H	16	0.74
(7,2042)	1:35:A:LEU:HD23	1:38:A:GLU:H	16	0.74
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	15	0.74
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	15	0.74
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	15	0.74
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	15	0.74
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	15	0.74
(7,1984)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	15	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	15	0.74
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	15	0.74
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	15	0.74
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	15	0.74
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	15	0.74
(7,1984)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	15	0.74
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	15	0.74
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	15	0.74
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	15	0.74
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	15	0.74
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	15	0.74
(7,1984)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	15	0.74
(7,1837)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	2	0.74
(7,1837)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	2	0.74
(7,1831)	1:18:A:PHE:HD1	1:113:A:PHE:HE1	14	0.74
(7,1831)	1:18:A:PHE:HD1	1:113:A:PHE:HE2	14	0.74
(7,1831)	1:18:A:PHE:HD2	1:113:A:PHE:HE1	14	0.74
(7,1831)	1:18:A:PHE:HD2	1:113:A:PHE:HE2	14	0.74
(7,1558)	1:98:A:ILE:HG21	1:116:A:GLN:H	6	0.74
(7,1558)	1:98:A:ILE:HG22	1:116:A:GLN:H	6	0.74
(7,1558)	1:98:A:ILE:HG23	1:116:A:GLN:H	6	0.74
(7,1553)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	5	0.74
(7,1553)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	5	0.74
(7,1553)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	5	0.74
(7,1553)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	5	0.74
(7,1553)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	5	0.74
(7,1553)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	5	0.74
(7,1553)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	5	0.74
(7,1553)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	5	0.74
(7,1553)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	5	0.74
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	7	0.74
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	7	0.74
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	7	0.74
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG11	16	0.74
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG12	16	0.74
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG13	16	0.74
(7,1036)	1:43:A:MET:HB2	1:140:A:LEU:HG	9	0.74
(7,782)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	10	0.74
(7,782)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	10	0.74
(7,782)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	10	0.74
(7,782)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	10	0.74
(7,782)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	10	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,782)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	10	0.74
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	2	0.74
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	2	0.74
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	2	0.74
(7,319)	1:44:A:GLU:HG2	1:46:A:ASN:H	3	0.74
(7,167)	1:94:A:ALA:HB1	1:95:A:ILE:H	6	0.74
(7,167)	1:94:A:ALA:HB2	1:95:A:ILE:H	6	0.74
(7,167)	1:94:A:ALA:HB3	1:95:A:ILE:H	6	0.74
(7,166)	1:95:A:ILE:H	1:95:A:ILE:HB	10	0.74
(6,2362)	1:115:A:ALA:H	1:116:A:GLN:HE21	13	0.74
(6,2362)	1:115:A:ALA:H	1:116:A:GLN:HE22	13	0.74
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	17	0.74
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	17	0.74
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	17	0.74
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	17	0.74
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	17	0.74
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	17	0.74
(6,2143)	1:43:A:MET:HB2	1:140:A:LEU:HG	19	0.74
(6,2143)	1:43:A:MET:HB3	1:140:A:LEU:HG	19	0.74
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE1	1	0.74
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE2	1	0.74
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE1	1	0.74
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE2	1	0.74
(6,1984)	1:12:A:VAL:HG11	1:43:A:MET:HB2	13	0.74
(6,1984)	1:12:A:VAL:HG11	1:43:A:MET:HB3	13	0.74
(6,1984)	1:12:A:VAL:HG12	1:43:A:MET:HB2	13	0.74
(6,1984)	1:12:A:VAL:HG12	1:43:A:MET:HB3	13	0.74
(6,1984)	1:12:A:VAL:HG13	1:43:A:MET:HB2	13	0.74
(6,1984)	1:12:A:VAL:HG13	1:43:A:MET:HB3	13	0.74
(6,1984)	1:12:A:VAL:HG21	1:43:A:MET:HB2	13	0.74
(6,1984)	1:12:A:VAL:HG21	1:43:A:MET:HB3	13	0.74
(6,1984)	1:12:A:VAL:HG22	1:43:A:MET:HB2	13	0.74
(6,1984)	1:12:A:VAL:HG22	1:43:A:MET:HB3	13	0.74
(6,1984)	1:12:A:VAL:HG23	1:43:A:MET:HB2	13	0.74
(6,1984)	1:12:A:VAL:HG23	1:43:A:MET:HB3	13	0.74
(6,1884)	1:14:A:VAL:HA	1:18:A:PHE:HD1	17	0.74
(6,1884)	1:14:A:VAL:HA	1:18:A:PHE:HD2	17	0.74
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB1	17	0.74
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB2	17	0.74
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB3	17	0.74
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB1	17	0.74
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB2	17	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB3	17	0.74
(6,1850)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	5	0.74
(6,1850)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	5	0.74
(6,1777)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	5	0.74
(6,1777)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	5	0.74
(6,1777)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	5	0.74
(6,1777)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	5	0.74
(6,1579)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	5	0.74
(6,1579)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	5	0.74
(6,1579)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	5	0.74
(6,1579)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	5	0.74
(6,1579)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	5	0.74
(6,1579)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	5	0.74
(6,1579)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	5	0.74
(6,1579)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	5	0.74
(6,1579)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	5	0.74
(6,1329)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	12	0.74
(6,1329)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	12	0.74
(6,1329)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	12	0.74
(6,1329)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	12	0.74
(6,1329)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	12	0.74
(6,1329)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	12	0.74
(6,1329)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	12	0.74
(6,1329)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	12	0.74
(6,1329)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	12	0.74
(6,1014)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	11	0.74
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	2	0.74
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	2	0.74
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	2	0.74
(6,630)	1:59:A:CYS:H	1:60:A:LEU:HB3	3	0.74
(6,320)	1:44:A:GLU:HG2	1:46:A:ASN:H	3	0.74
(6,165)	1:94:A:ALA:HB1	1:95:A:ILE:H	6	0.74
(6,165)	1:94:A:ALA:HB2	1:95:A:ILE:H	6	0.74
(6,165)	1:94:A:ALA:HB3	1:95:A:ILE:H	6	0.74
(6,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	7	0.74
(6,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	7	0.74
(6,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	7	0.74
(6,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	10	0.74
(6,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	10	0.74
(6,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	10	0.74
(6,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	18	0.74
(6,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	18	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	18	0.74
(5,2407)	1:129:A:LYS:HG2	1:130:A:GLY:H	19	0.74
(5,2407)	1:129:A:LYS:HG3	1:130:A:GLY:H	19	0.74
(5,2179)	1:55:A:GLY:H	1:122:A:ASP:HB2	2	0.74
(5,2179)	1:55:A:GLY:H	1:122:A:ASP:HB3	2	0.74
(5,2150)	1:44:A:GLU:HG2	1:57:A:LEU:HD11	7	0.74
(5,2150)	1:44:A:GLU:HG2	1:57:A:LEU:HD12	7	0.74
(5,2150)	1:44:A:GLU:HG2	1:57:A:LEU:HD13	7	0.74
(5,2150)	1:44:A:GLU:HG2	1:57:A:LEU:HD21	7	0.74
(5,2150)	1:44:A:GLU:HG2	1:57:A:LEU:HD22	7	0.74
(5,2150)	1:44:A:GLU:HG2	1:57:A:LEU:HD23	7	0.74
(5,2150)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	7	0.74
(5,2150)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	7	0.74
(5,2150)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	7	0.74
(5,2150)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	7	0.74
(5,2150)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	7	0.74
(5,2150)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	7	0.74
(5,2059)	1:35:A:LEU:HD11	1:38:A:GLU:H	16	0.74
(5,2059)	1:35:A:LEU:HD12	1:38:A:GLU:H	16	0.74
(5,2059)	1:35:A:LEU:HD13	1:38:A:GLU:H	16	0.74
(5,2059)	1:35:A:LEU:HD21	1:38:A:GLU:H	16	0.74
(5,2059)	1:35:A:LEU:HD22	1:38:A:GLU:H	16	0.74
(5,2059)	1:35:A:LEU:HD23	1:38:A:GLU:H	16	0.74
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG11	3	0.74
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG12	3	0.74
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG13	3	0.74
(5,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	13	0.74
(5,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	13	0.74
(5,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	13	0.74
(5,977)	1:47:A:ALA:HB1	1:134:A:VAL:HB	12	0.74
(5,977)	1:47:A:ALA:HB2	1:134:A:VAL:HB	12	0.74
(5,977)	1:47:A:ALA:HB3	1:134:A:VAL:HB	12	0.74
(5,939)	1:63:A:ILE:HG12	1:117:A:VAL:HA	17	0.74
(5,892)	1:69:A:MET:HE1	1:73:A:ILE:HB	19	0.74
(5,892)	1:69:A:MET:HE2	1:73:A:ILE:HB	19	0.74
(5,892)	1:69:A:MET:HE3	1:73:A:ILE:HB	19	0.74
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	15	0.74
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	15	0.74
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	15	0.74
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	15	0.74
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	15	0.74
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	15	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	4	0.74
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	4	0.74
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	4	0.74
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	4	0.74
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	4	0.74
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	4	0.74
(5,782)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	2	0.74
(5,782)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	2	0.74
(5,782)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	2	0.74
(5,680)	1:133:A:ASN:H	1:134:A:VAL:HG21	8	0.74
(5,680)	1:133:A:ASN:H	1:134:A:VAL:HG22	8	0.74
(5,680)	1:133:A:ASN:H	1:134:A:VAL:HG23	8	0.74
(5,670)	1:63:A:ILE:HG12	1:117:A:VAL:H	14	0.74
(5,630)	1:9:A:PHE:HE1	1:15:A:ALA:H	3	0.74
(5,630)	1:9:A:PHE:HE2	1:15:A:ALA:H	3	0.74
(5,306)	1:40:A:LEU:HD11	1:43:A:MET:H	7	0.74
(5,306)	1:40:A:LEU:HD12	1:43:A:MET:H	7	0.74
(5,306)	1:40:A:LEU:HD13	1:43:A:MET:H	7	0.74
(5,228)	1:112:A:GLN:HG2	1:114:A:ILE:H	17	0.74
(5,228)	1:112:A:GLN:HG3	1:114:A:ILE:H	17	0.74
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG11	19	0.74
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG12	19	0.74
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG13	19	0.74
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG21	19	0.74
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG22	19	0.74
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG23	19	0.74
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG11	1	0.74
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG12	1	0.74
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG13	1	0.74
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG21	1	0.74
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG22	1	0.74
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG23	1	0.74
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD11	16	0.74
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD12	16	0.74
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD13	16	0.74
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD21	16	0.74
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD22	16	0.74
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD23	16	0.74
(4,2036)	1:23:A:LEU:HD11	1:25:A:ALA:H	5	0.74
(4,2036)	1:23:A:LEU:HD12	1:25:A:ALA:H	5	0.74
(4,2036)	1:23:A:LEU:HD13	1:25:A:ALA:H	5	0.74
(4,2036)	1:23:A:LEU:HD21	1:25:A:ALA:H	5	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2036)	1:23:A:LEU:HD22	1:25:A:ALA:H	5	0.74
(4,2036)	1:23:A:LEU:HD23	1:25:A:ALA:H	5	0.74
(4,1824)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	5	0.74
(4,1824)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	5	0.74
(4,1561)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	5	0.74
(4,1561)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	5	0.74
(4,1561)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	5	0.74
(4,1561)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	5	0.74
(4,1561)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	5	0.74
(4,1561)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	5	0.74
(4,1561)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	5	0.74
(4,1561)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	5	0.74
(4,1561)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	5	0.74
(4,1496)	1:69:A:MET:HE1	1:110:A:MET:H	1	0.74
(4,1496)	1:69:A:MET:HE2	1:110:A:MET:H	1	0.74
(4,1496)	1:69:A:MET:HE3	1:110:A:MET:H	1	0.74
(4,1015)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	11	0.74
(4,940)	1:11:A:ILE:HD11	1:12:A:VAL:HA	2	0.74
(4,940)	1:11:A:ILE:HD12	1:12:A:VAL:HA	2	0.74
(4,940)	1:11:A:ILE:HD13	1:12:A:VAL:HA	2	0.74
(4,930)	1:63:A:ILE:HG12	1:117:A:VAL:HA	17	0.74
(4,787)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	10	0.74
(4,787)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	10	0.74
(4,787)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	10	0.74
(4,787)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	10	0.74
(4,787)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	10	0.74
(4,787)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	10	0.74
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	2	0.74
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	2	0.74
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	2	0.74
(4,610)	1:23:A:LEU:HD21	1:25:A:ALA:H	4	0.74
(4,610)	1:23:A:LEU:HD22	1:25:A:ALA:H	4	0.74
(4,610)	1:23:A:LEU:HD23	1:25:A:ALA:H	4	0.74
(4,162)	1:95:A:ILE:H	1:95:A:ILE:HB	10	0.74
(3,2465)	1:134:A:VAL:HG11	1:137:A:SER:H	5	0.74
(3,2465)	1:134:A:VAL:HG12	1:137:A:SER:H	5	0.74
(3,2465)	1:134:A:VAL:HG13	1:137:A:SER:H	5	0.74
(3,2465)	1:134:A:VAL:HG21	1:137:A:SER:H	5	0.74
(3,2465)	1:134:A:VAL:HG22	1:137:A:SER:H	5	0.74
(3,2465)	1:134:A:VAL:HG23	1:137:A:SER:H	5	0.74
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD11	4	0.74
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD12	4	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD13	4	0.74
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD21	4	0.74
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD22	4	0.74
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD23	4	0.74
(3,2104)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	11	0.74
(3,2104)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	11	0.74
(3,2104)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	11	0.74
(3,2104)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	11	0.74
(3,2104)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	11	0.74
(3,2104)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	11	0.74
(3,2104)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	11	0.74
(3,2104)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	11	0.74
(3,2104)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	11	0.74
(3,2104)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	11	0.74
(3,2104)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	11	0.74
(3,2104)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	11	0.74
(3,1982)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	15	0.74
(3,1982)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	15	0.74
(3,1982)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	15	0.74
(3,1982)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	15	0.74
(3,1982)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	15	0.74
(3,1982)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	15	0.74
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	1	0.74
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	1	0.74
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	1	0.74
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	1	0.74
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	1	0.74
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	1	0.74
(3,1876)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	5	0.74
(3,1876)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	5	0.74
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD1	13	0.74
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD2	13	0.74
(3,1781)	1:36:A:PRO:HA	1:37:A:LEU:HD21	4	0.74
(3,1781)	1:36:A:PRO:HA	1:37:A:LEU:HD22	4	0.74
(3,1781)	1:36:A:PRO:HA	1:37:A:LEU:HD23	4	0.74
(3,1612)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	5	0.74
(3,1612)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	5	0.74
(3,1612)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	5	0.74
(3,1612)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	5	0.74
(3,1612)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	5	0.74
(3,1612)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	5	0.74
(3,1612)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	5	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1612)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	5	0.74
(3,1612)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	5	0.74
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	6	0.74
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	6	0.74
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	6	0.74
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE1	5	0.74
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE2	5	0.74
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE3	5	0.74
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE1	5	0.74
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE2	5	0.74
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE3	5	0.74
(3,1539)	1:69:A:MET:HE1	1:110:A:MET:H	1	0.74
(3,1539)	1:69:A:MET:HE2	1:110:A:MET:H	1	0.74
(3,1539)	1:69:A:MET:HE3	1:110:A:MET:H	1	0.74
(3,1407)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	2	0.74
(3,1407)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	2	0.74
(3,1407)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	2	0.74
(3,1213)	1:11:A:ILE:HA	1:40:A:LEU:HD11	15	0.74
(3,1213)	1:11:A:ILE:HA	1:40:A:LEU:HD12	15	0.74
(3,1213)	1:11:A:ILE:HA	1:40:A:LEU:HD13	15	0.74
(3,1213)	1:11:A:ILE:HA	1:40:A:LEU:HD11	17	0.74
(3,1213)	1:11:A:ILE:HA	1:40:A:LEU:HD12	17	0.74
(3,1213)	1:11:A:ILE:HA	1:40:A:LEU:HD13	17	0.74
(3,1122)	1:31:A:PRO:HG2	1:143:A:TRP:HA	17	0.74
(3,1122)	1:31:A:PRO:HG3	1:143:A:TRP:HA	17	0.74
(3,1092)	1:44:A:GLU:HA	1:48:A:ARG:HB2	19	0.74
(3,1092)	1:44:A:GLU:HA	1:48:A:ARG:HB3	19	0.74
(3,1040)	1:113:A:PHE:HA	1:116:A:GLN:HG3	13	0.74
(3,1003)	1:105:A:LYS:HD2	1:107:A:LEU:H	14	0.74
(3,1003)	1:105:A:LYS:HD3	1:107:A:LEU:H	14	0.74
(3,980)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	9	0.74
(3,980)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	9	0.74
(3,952)	1:63:A:ILE:HG12	1:117:A:VAL:HA	17	0.74
(3,887)	1:21:A:THR:HG21	1:24:A:ASP:HB2	12	0.74
(3,887)	1:21:A:THR:HG21	1:24:A:ASP:HB3	12	0.74
(3,887)	1:21:A:THR:HG22	1:24:A:ASP:HB2	12	0.74
(3,887)	1:21:A:THR:HG22	1:24:A:ASP:HB3	12	0.74
(3,887)	1:21:A:THR:HG23	1:24:A:ASP:HB2	12	0.74
(3,887)	1:21:A:THR:HG23	1:24:A:ASP:HB3	12	0.74
(3,350)	1:73:A:ILE:HD11	1:111:A:GLU:H	1	0.74
(3,350)	1:73:A:ILE:HD12	1:111:A:GLU:H	1	0.74
(3,350)	1:73:A:ILE:HD13	1:111:A:GLU:H	1	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,325)	1:44:A:GLU:HG2	1:46:A:ASN:H	3	0.74
(3,233)	1:10:A:ASN:H	1:13:A:ALA:HB1	1	0.74
(3,233)	1:10:A:ASN:H	1:13:A:ALA:HB2	1	0.74
(3,233)	1:10:A:ASN:H	1:13:A:ALA:HB3	1	0.74
(3,175)	1:8:A:ASP:H	1:58:A:ILE:HG13	3	0.74
(3,165)	1:94:A:ALA:HB1	1:95:A:ILE:H	6	0.74
(3,165)	1:94:A:ALA:HB2	1:95:A:ILE:H	6	0.74
(3,165)	1:94:A:ALA:HB3	1:95:A:ILE:H	6	0.74
(3,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	7	0.74
(3,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	7	0.74
(3,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	7	0.74
(3,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	10	0.74
(3,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	10	0.74
(3,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	10	0.74
(3,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	18	0.74
(3,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	18	0.74
(3,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	18	0.74
(3,152)	1:67:A:PRO:HD3	1:95:A:ILE:H	17	0.74
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG11	2	0.74
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG12	2	0.74
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG13	2	0.74
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG21	2	0.74
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG22	2	0.74
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG23	2	0.74
(2,2173)	1:44:A:GLU:HG2	1:46:A:ASN:H	10	0.74
(2,2173)	1:44:A:GLU:HG3	1:46:A:ASN:H	10	0.74
(2,2056)	1:23:A:LEU:HD11	1:25:A:ALA:H	5	0.74
(2,2056)	1:23:A:LEU:HD12	1:25:A:ALA:H	5	0.74
(2,2056)	1:23:A:LEU:HD13	1:25:A:ALA:H	5	0.74
(2,2056)	1:23:A:LEU:HD21	1:25:A:ALA:H	5	0.74
(2,2056)	1:23:A:LEU:HD22	1:25:A:ALA:H	5	0.74
(2,2056)	1:23:A:LEU:HD23	1:25:A:ALA:H	5	0.74
(2,1968)	1:10:A:ASN:HB3	1:61:A:SER:HB2	9	0.74
(2,1968)	1:10:A:ASN:HB3	1:61:A:SER:HB3	9	0.74
(2,1920)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	6	0.74
(2,1920)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	6	0.74
(2,1920)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	6	0.74
(2,1920)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	6	0.74
(2,1920)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	6	0.74
(2,1920)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	6	0.74
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG11	3	0.74
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG12	3	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG13	3	0.74
(2,1593)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	5	0.74
(2,1593)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	5	0.74
(2,1593)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	5	0.74
(2,1593)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	5	0.74
(2,1593)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	5	0.74
(2,1593)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	5	0.74
(2,1593)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	5	0.74
(2,1593)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	5	0.74
(2,1593)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	5	0.74
(2,1516)	1:69:A:MET:HE1	1:110:A:MET:H	1	0.74
(2,1516)	1:69:A:MET:HE2	1:110:A:MET:H	1	0.74
(2,1516)	1:69:A:MET:HE3	1:110:A:MET:H	1	0.74
(2,1369)	1:39:A:VAL:HG11	1:144:A:LEU:H	16	0.74
(2,1369)	1:39:A:VAL:HG12	1:144:A:LEU:H	16	0.74
(2,1369)	1:39:A:VAL:HG13	1:144:A:LEU:H	16	0.74
(2,1365)	1:118:A:ASP:HA	1:121:A:VAL:HG11	18	0.74
(2,1365)	1:118:A:ASP:HA	1:121:A:VAL:HG12	18	0.74
(2,1365)	1:118:A:ASP:HA	1:121:A:VAL:HG13	18	0.74
(2,956)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	15	0.74
(2,956)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	15	0.74
(2,942)	1:39:A:VAL:HA	1:43:A:MET:HG2	13	0.74
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	2	0.74
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	2	0.74
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	2	0.74
(2,696)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	14	0.74
(2,696)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	14	0.74
(2,617)	1:23:A:LEU:HD21	1:25:A:ALA:H	4	0.74
(2,617)	1:23:A:LEU:HD22	1:25:A:ALA:H	4	0.74
(2,617)	1:23:A:LEU:HD23	1:25:A:ALA:H	4	0.74
(2,479)	1:145:A:PRO:HB2	1:148:A:CYS:H	6	0.74
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD11	19	0.74
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD12	19	0.74
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD13	19	0.74
(2,174)	1:8:A:ASP:H	1:58:A:ILE:HG13	3	0.74
(2,164)	1:94:A:ALA:HB1	1:95:A:ILE:H	6	0.74
(2,164)	1:94:A:ALA:HB2	1:95:A:ILE:H	6	0.74
(2,164)	1:94:A:ALA:HB3	1:95:A:ILE:H	6	0.74
(2,163)	1:95:A:ILE:H	1:95:A:ILE:HB	10	0.74
(1,2211)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	18	0.74
(1,2211)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	18	0.74
(1,2211)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	18	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2211)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	18	0.74
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	5	0.74
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	5	0.74
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	5	0.74
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	5	0.74
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	5	0.74
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	5	0.74
(1,1945)	1:10:A:ASN:HB3	1:61:A:SER:HB2	9	0.74
(1,1945)	1:10:A:ASN:HB3	1:61:A:SER:HB3	9	0.74
(1,1636)	1:10:A:ASN:HB3	1:14:A:VAL:HB	7	0.74
(1,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	13	0.74
(1,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	13	0.74
(1,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	13	0.74
(1,1530)	1:69:A:MET:HE1	1:110:A:MET:H	1	0.74
(1,1530)	1:69:A:MET:HE2	1:110:A:MET:H	1	0.74
(1,1530)	1:69:A:MET:HE3	1:110:A:MET:H	1	0.74
(1,1515)	1:40:A:LEU:HA	1:43:A:MET:HE1	11	0.74
(1,1515)	1:40:A:LEU:HA	1:43:A:MET:HE2	11	0.74
(1,1515)	1:40:A:LEU:HA	1:43:A:MET:HE3	11	0.74
(1,1009)	1:105:A:LYS:HD2	1:107:A:LEU:H	16	0.74
(1,1009)	1:105:A:LYS:HD3	1:107:A:LEU:H	16	0.74
(1,972)	1:40:A:LEU:HA	1:43:A:MET:HG2	19	0.74
(1,956)	1:63:A:ILE:HG12	1:117:A:VAL:HA	17	0.74
(1,888)	1:21:A:THR:HG21	1:24:A:ASP:HB2	12	0.74
(1,888)	1:21:A:THR:HG21	1:24:A:ASP:HB3	12	0.74
(1,888)	1:21:A:THR:HG22	1:24:A:ASP:HB2	12	0.74
(1,888)	1:21:A:THR:HG22	1:24:A:ASP:HB3	12	0.74
(1,888)	1:21:A:THR:HG23	1:24:A:ASP:HB2	12	0.74
(1,888)	1:21:A:THR:HG23	1:24:A:ASP:HB3	12	0.74
(1,861)	1:43:A:MET:HE1	1:131:A:LEU:HB3	10	0.74
(1,861)	1:43:A:MET:HE2	1:131:A:LEU:HB3	10	0.74
(1,861)	1:43:A:MET:HE3	1:131:A:LEU:HB3	10	0.74
(1,705)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	14	0.74
(1,705)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	14	0.74
(34,2234)	1:68:A:LYS:H	1:69:A:MET:HG2	1	0.73
(34,2234)	1:68:A:LYS:H	1:69:A:MET:HG3	1	0.73
(34,2116)	1:39:A:VAL:HG11	1:43:A:MET:HB2	4	0.73
(34,2116)	1:39:A:VAL:HG12	1:43:A:MET:HB2	4	0.73
(34,2116)	1:39:A:VAL:HG13	1:43:A:MET:HB2	4	0.73
(34,2116)	1:39:A:VAL:HG21	1:43:A:MET:HB2	4	0.73
(34,2116)	1:39:A:VAL:HG22	1:43:A:MET:HB2	4	0.73
(34,2116)	1:39:A:VAL:HG23	1:43:A:MET:HB2	4	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD11	16	0.73
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD12	16	0.73
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD13	16	0.73
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD21	16	0.73
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD22	16	0.73
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD23	16	0.73
(34,1994)	1:14:A:VAL:HG11	1:18:A:PHE:HA	4	0.73
(34,1994)	1:14:A:VAL:HG12	1:18:A:PHE:HA	4	0.73
(34,1994)	1:14:A:VAL:HG13	1:18:A:PHE:HA	4	0.73
(34,1994)	1:14:A:VAL:HG21	1:18:A:PHE:HA	4	0.73
(34,1994)	1:14:A:VAL:HG22	1:18:A:PHE:HA	4	0.73
(34,1994)	1:14:A:VAL:HG23	1:18:A:PHE:HA	4	0.73
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	3	0.73
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	3	0.73
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	3	0.73
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	3	0.73
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	3	0.73
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	3	0.73
(34,1867)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	13	0.73
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE1	4	0.73
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE2	4	0.73
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE3	4	0.73
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG21	14	0.73
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG22	14	0.73
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG23	14	0.73
(34,1477)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	6	0.73
(34,1477)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	6	0.73
(34,1477)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	6	0.73
(34,1179)	1:37:A:LEU:HA	1:40:A:LEU:HB3	17	0.73
(34,1002)	1:47:A:ALA:HB1	1:134:A:VAL:HB	13	0.73
(34,1002)	1:47:A:ALA:HB2	1:134:A:VAL:HB	13	0.73
(34,1002)	1:47:A:ALA:HB3	1:134:A:VAL:HB	13	0.73
(34,997)	1:46:A:ASN:HB2	1:134:A:VAL:HB	9	0.73
(34,816)	1:98:A:ILE:HD11	1:100:A:ALA:H	6	0.73
(34,816)	1:98:A:ILE:HD12	1:100:A:ALA:H	6	0.73
(34,816)	1:98:A:ILE:HD13	1:100:A:ALA:H	6	0.73
(34,448)	1:68:A:LYS:H	1:70:A:LYS:HG2	19	0.73
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD11	11	0.73
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD12	11	0.73
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD13	11	0.73
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD21	11	0.73
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD22	11	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD23	11	0.73
(33,2152)	1:43:A:MET:HE1	1:46:A:ASN:HD21	18	0.73
(33,2152)	1:43:A:MET:HE1	1:46:A:ASN:HD22	18	0.73
(33,2152)	1:43:A:MET:HE2	1:46:A:ASN:HD21	18	0.73
(33,2152)	1:43:A:MET:HE2	1:46:A:ASN:HD22	18	0.73
(33,2152)	1:43:A:MET:HE3	1:46:A:ASN:HD21	18	0.73
(33,2152)	1:43:A:MET:HE3	1:46:A:ASN:HD22	18	0.73
(33,2151)	1:43:A:MET:HE1	1:46:A:ASN:HB2	2	0.73
(33,2151)	1:43:A:MET:HE1	1:46:A:ASN:HB3	2	0.73
(33,2151)	1:43:A:MET:HE2	1:46:A:ASN:HB2	2	0.73
(33,2151)	1:43:A:MET:HE2	1:46:A:ASN:HB3	2	0.73
(33,2151)	1:43:A:MET:HE3	1:46:A:ASN:HB2	2	0.73
(33,2151)	1:43:A:MET:HE3	1:46:A:ASN:HB3	2	0.73
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD11	3	0.73
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD12	3	0.73
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD13	3	0.73
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD21	3	0.73
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD22	3	0.73
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD23	3	0.73
(33,1972)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	19	0.73
(33,1972)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	19	0.73
(33,1972)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	19	0.73
(33,1972)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	19	0.73
(33,1972)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	19	0.73
(33,1972)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	19	0.73
(33,1972)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	19	0.73
(33,1972)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	19	0.73
(33,1972)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	19	0.73
(33,1972)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	19	0.73
(33,1972)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	19	0.73
(33,1972)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	19	0.73
(33,1883)	1:104:A:PHE:HE1	1:105:A:LYS:H	17	0.73
(33,1883)	1:104:A:PHE:HE2	1:105:A:LYS:H	17	0.73
(33,1855)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	13	0.73
(33,1804)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	19	0.73
(33,1804)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	19	0.73
(33,1804)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	19	0.73
(33,1804)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	19	0.73
(33,1804)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	19	0.73
(33,1804)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	19	0.73
(33,1323)	1:124:A:THR:HG21	1:127:A:CYS:HB2	2	0.73
(33,1323)	1:124:A:THR:HG22	1:127:A:CYS:HB2	2	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1323)	1:124:A:THR:HG23	1:127:A:CYS:HB2	2	0.73
(33,1041)	1:11:A:ILE:HA	1:14:A:VAL:HB	9	0.73
(33,1041)	1:11:A:ILE:HA	1:14:A:VAL:HB	19	0.73
(33,800)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	11	0.73
(33,800)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	11	0.73
(33,800)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	11	0.73
(33,799)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	13	0.73
(33,799)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	13	0.73
(33,799)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	13	0.73
(33,799)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	13	0.73
(33,799)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	13	0.73
(33,799)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	13	0.73
(32,2487)	1:144:A:LEU:HD11	1:146:A:GLN:HG2	15	0.73
(32,2487)	1:144:A:LEU:HD11	1:146:A:GLN:HG3	15	0.73
(32,2487)	1:144:A:LEU:HD12	1:146:A:GLN:HG2	15	0.73
(32,2487)	1:144:A:LEU:HD12	1:146:A:GLN:HG3	15	0.73
(32,2487)	1:144:A:LEU:HD13	1:146:A:GLN:HG2	15	0.73
(32,2487)	1:144:A:LEU:HD13	1:146:A:GLN:HG3	15	0.73
(32,2487)	1:144:A:LEU:HD21	1:146:A:GLN:HG2	15	0.73
(32,2487)	1:144:A:LEU:HD21	1:146:A:GLN:HG3	15	0.73
(32,2487)	1:144:A:LEU:HD22	1:146:A:GLN:HG2	15	0.73
(32,2487)	1:144:A:LEU:HD22	1:146:A:GLN:HG3	15	0.73
(32,2487)	1:144:A:LEU:HD23	1:146:A:GLN:HG2	15	0.73
(32,2487)	1:144:A:LEU:HD23	1:146:A:GLN:HG3	15	0.73
(32,2485)	1:144:A:LEU:HB3	1:146:A:GLN:HG2	11	0.73
(32,2485)	1:144:A:LEU:HB3	1:146:A:GLN:HG3	11	0.73
(32,2263)	1:74:A:PRO:HA	1:77:A:CYS:HB2	17	0.73
(32,2263)	1:74:A:PRO:HA	1:77:A:CYS:HB3	17	0.73
(32,2238)	1:68:A:LYS:H	1:69:A:MET:HG2	1	0.73
(32,2238)	1:68:A:LYS:H	1:69:A:MET:HG3	1	0.73
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD11	11	0.73
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD12	11	0.73
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD13	11	0.73
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD21	11	0.73
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD22	11	0.73
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD23	11	0.73
(32,2135)	1:43:A:MET:HE1	1:46:A:ASN:HD21	18	0.73
(32,2135)	1:43:A:MET:HE1	1:46:A:ASN:HD22	18	0.73
(32,2135)	1:43:A:MET:HE2	1:46:A:ASN:HD21	18	0.73
(32,2135)	1:43:A:MET:HE2	1:46:A:ASN:HD22	18	0.73
(32,2135)	1:43:A:MET:HE3	1:46:A:ASN:HD21	18	0.73
(32,2135)	1:43:A:MET:HE3	1:46:A:ASN:HD22	18	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2090)	1:39:A:VAL:HG11	1:43:A:MET:H	4	0.73
(32,2090)	1:39:A:VAL:HG12	1:43:A:MET:H	4	0.73
(32,2090)	1:39:A:VAL:HG13	1:43:A:MET:H	4	0.73
(32,2090)	1:39:A:VAL:HG21	1:43:A:MET:H	4	0.73
(32,2090)	1:39:A:VAL:HG22	1:43:A:MET:H	4	0.73
(32,2090)	1:39:A:VAL:HG23	1:43:A:MET:H	4	0.73
(32,1939)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	19	0.73
(32,1939)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	19	0.73
(32,1939)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	19	0.73
(32,1939)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	19	0.73
(32,1939)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	19	0.73
(32,1939)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	19	0.73
(32,1939)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	19	0.73
(32,1939)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	19	0.73
(32,1939)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	19	0.73
(32,1939)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	19	0.73
(32,1939)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	19	0.73
(32,1939)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	19	0.73
(32,1821)	1:9:A:PHE:HD1	1:57:A:LEU:HG	6	0.73
(32,1821)	1:9:A:PHE:HD2	1:57:A:LEU:HG	6	0.73
(32,1693)	1:18:A:PHE:HB3	1:132:A:ALA:HA	12	0.73
(32,1693)	1:18:A:PHE:HB2	1:132:A:ALA:HA	12	0.73
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	9	0.73
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	9	0.73
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	9	0.73
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	9	0.73
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	9	0.73
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	9	0.73
(32,1392)	1:69:A:MET:HE1	1:73:A:ILE:HG21	8	0.73
(32,1392)	1:69:A:MET:HE1	1:73:A:ILE:HG22	8	0.73
(32,1392)	1:69:A:MET:HE1	1:73:A:ILE:HG23	8	0.73
(32,1392)	1:69:A:MET:HE2	1:73:A:ILE:HG21	8	0.73
(32,1392)	1:69:A:MET:HE2	1:73:A:ILE:HG22	8	0.73
(32,1392)	1:69:A:MET:HE2	1:73:A:ILE:HG23	8	0.73
(32,1392)	1:69:A:MET:HE3	1:73:A:ILE:HG21	8	0.73
(32,1392)	1:69:A:MET:HE3	1:73:A:ILE:HG22	8	0.73
(32,1392)	1:69:A:MET:HE3	1:73:A:ILE:HG23	8	0.73
(32,799)	1:98:A:ILE:HD11	1:101:A:ILE:HB	14	0.73
(32,799)	1:98:A:ILE:HD12	1:101:A:ILE:HB	14	0.73
(32,799)	1:98:A:ILE:HD13	1:101:A:ILE:HB	14	0.73
(32,777)	1:55:A:GLY:H	1:58:A:ILE:HD11	12	0.73
(32,777)	1:55:A:GLY:H	1:58:A:ILE:HD12	12	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,777)	1:55:A:GLY:H	1:58:A:ILE:HD13	12	0.73
(32,598)	1:55:A:GLY:H	1:58:A:ILE:HG13	16	0.73
(30,2277)	1:75:A:GLY:HA2	1:77:A:CYS:HB2	10	0.73
(30,2277)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	10	0.73
(30,2244)	1:68:A:LYS:H	1:69:A:MET:HG2	1	0.73
(30,2244)	1:68:A:LYS:H	1:69:A:MET:HG3	1	0.73
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	16	0.73
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	16	0.73
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	16	0.73
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	16	0.73
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	16	0.73
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	16	0.73
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	16	0.73
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	16	0.73
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	16	0.73
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	16	0.73
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	16	0.73
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	16	0.73
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	16	0.73
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	16	0.73
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	16	0.73
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	16	0.73
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	16	0.73
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	16	0.73
(30,1859)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	13	0.73
(30,1827)	1:9:A:PHE:HZ	1:57:A:LEU:HA	1	0.73
(30,1651)	1:131:A:LEU:H	1:134:A:VAL:HG11	1	0.73
(30,1651)	1:131:A:LEU:H	1:134:A:VAL:HG12	1	0.73
(30,1651)	1:131:A:LEU:H	1:134:A:VAL:HG13	1	0.73
(30,1461)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	18	0.73
(30,1461)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	18	0.73
(30,1461)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	18	0.73
(30,1461)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	18	0.73
(30,1461)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	18	0.73
(30,1461)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	18	0.73
(30,1461)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	18	0.73
(30,1461)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	18	0.73
(30,1461)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	18	0.73
(30,1427)	1:69:A:MET:HE1	1:73:A:ILE:HG21	8	0.73
(30,1427)	1:69:A:MET:HE1	1:73:A:ILE:HG22	8	0.73
(30,1427)	1:69:A:MET:HE1	1:73:A:ILE:HG23	8	0.73
(30,1427)	1:69:A:MET:HE2	1:73:A:ILE:HG21	8	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1427)	1:69:A:MET:HE2	1:73:A:ILE:HG22	8	0.73
(30,1427)	1:69:A:MET:HE2	1:73:A:ILE:HG23	8	0.73
(30,1427)	1:69:A:MET:HE3	1:73:A:ILE:HG21	8	0.73
(30,1427)	1:69:A:MET:HE3	1:73:A:ILE:HG22	8	0.73
(30,1427)	1:69:A:MET:HE3	1:73:A:ILE:HG23	8	0.73
(30,1411)	1:149:A:ALA:HB1	1:151:A:PHE:H	16	0.73
(30,1411)	1:149:A:ALA:HB2	1:151:A:PHE:H	16	0.73
(30,1411)	1:149:A:ALA:HB3	1:151:A:PHE:H	16	0.73
(30,1151)	1:37:A:LEU:HA	1:40:A:LEU:HB3	17	0.73
(30,983)	1:105:A:LYS:HD2	1:107:A:LEU:H	14	0.73
(30,983)	1:105:A:LYS:HD3	1:107:A:LEU:H	14	0.73
(30,898)	1:17:A:ASN:HB2	1:18:A:PHE:HD1	19	0.73
(30,898)	1:17:A:ASN:HB2	1:18:A:PHE:HD2	19	0.73
(30,805)	1:98:A:ILE:HD11	1:100:A:ALA:H	6	0.73
(30,805)	1:98:A:ILE:HD12	1:100:A:ALA:H	6	0.73
(30,805)	1:98:A:ILE:HD13	1:100:A:ALA:H	6	0.73
(30,795)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	11	0.73
(30,795)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	11	0.73
(30,795)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	11	0.73
(30,613)	1:55:A:GLY:H	1:58:A:ILE:HG13	16	0.73
(29,2395)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	13	0.73
(29,2395)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	13	0.73
(29,2395)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	13	0.73
(29,2395)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	13	0.73
(29,2395)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	13	0.73
(29,2395)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	13	0.73
(29,2339)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	6	0.73
(29,2339)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	6	0.73
(29,2339)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	6	0.73
(29,2339)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	6	0.73
(29,2339)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	6	0.73
(29,2339)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	6	0.73
(29,2339)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	6	0.73
(29,2339)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	6	0.73
(29,2339)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	6	0.73
(29,2339)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	6	0.73
(29,2339)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	6	0.73
(29,2339)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	6	0.73
(29,2339)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	6	0.73
(29,2339)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	6	0.73
(29,2339)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	6	0.73
(29,2339)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	6	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2339)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	6	0.73
(29,2339)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	6	0.73
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD11	11	0.73
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD12	11	0.73
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD13	11	0.73
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD21	11	0.73
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD22	11	0.73
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD23	11	0.73
(29,2233)	1:68:A:LYS:H	1:69:A:MET:HG2	1	0.73
(29,2233)	1:68:A:LYS:H	1:69:A:MET:HG3	1	0.73
(29,2121)	1:39:A:VAL:HG11	1:43:A:MET:H	4	0.73
(29,2121)	1:39:A:VAL:HG12	1:43:A:MET:H	4	0.73
(29,2121)	1:39:A:VAL:HG13	1:43:A:MET:H	4	0.73
(29,2121)	1:39:A:VAL:HG21	1:43:A:MET:H	4	0.73
(29,2121)	1:39:A:VAL:HG22	1:43:A:MET:H	4	0.73
(29,2121)	1:39:A:VAL:HG23	1:43:A:MET:H	4	0.73
(29,2078)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	16	0.73
(29,2078)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	16	0.73
(29,2078)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	16	0.73
(29,2078)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	16	0.73
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	16	0.73
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	16	0.73
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	16	0.73
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	16	0.73
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	16	0.73
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	16	0.73
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	16	0.73
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	16	0.73
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	16	0.73
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	16	0.73
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	16	0.73
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	16	0.73
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	16	0.73
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	16	0.73
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	16	0.73
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	16	0.73
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	16	0.73
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	16	0.73
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	9	0.73
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	9	0.73
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	9	0.73
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	9	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	9	0.73
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	9	0.73
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	9	0.73
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	9	0.73
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	9	0.73
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	9	0.73
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	9	0.73
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	9	0.73
(29,1729)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	2	0.73
(29,1680)	1:69:A:MET:HE1	1:116:A:GLN:HG3	7	0.73
(29,1680)	1:69:A:MET:HE2	1:116:A:GLN:HG3	7	0.73
(29,1680)	1:69:A:MET:HE3	1:116:A:GLN:HG3	7	0.73
(29,1165)	1:37:A:LEU:HA	1:40:A:LEU:HB3	17	0.73
(29,1005)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	12	0.73
(29,1005)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	12	0.73
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD11	19	0.73
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD12	19	0.73
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD13	19	0.73
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE1	2	0.73
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE2	2	0.73
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE3	2	0.73
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE1	8	0.73
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE2	8	0.73
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE3	8	0.73
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE1	15	0.73
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE2	15	0.73
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE3	15	0.73
(29,37)	1:95:A:ILE:HB	1:96:A:VAL:H	6	0.73
(23,13)	1:114:A:ILE:N	1:110:A:MET:O	12	0.73
(23,13)	1:114:A:ILE:N	1:110:A:MET:O	17	0.73
(23,12)	1:113:A:PHE:N	1:109:A:PRO:O	5	0.73
(23,12)	1:113:A:PHE:N	1:109:A:PRO:O	13	0.73
(23,12)	1:113:A:PHE:N	1:109:A:PRO:O	15	0.73
(23,12)	1:113:A:PHE:N	1:109:A:PRO:O	17	0.73
(23,12)	1:113:A:PHE:N	1:109:A:PRO:O	18	0.73
(22,42)	1:129:A:LYS:N	1:125:A:THR:C	11	0.73
(22,39)	1:128:A:LEU:H	1:124:A:THR:C	10	0.73
(22,32)	1:117:A:VAL:N	1:113:A:PHE:C	12	0.73
(22,30)	1:116:A:GLN:N	1:112:A:GLN:C	13	0.73
(22,24)	1:113:A:PHE:N	1:109:A:PRO:C	19	0.73
(22,21)	1:107:A:LEU:H	1:103:A:ARG:C	8	0.73
(22,14)	1:60:A:LEU:N	1:56:A:CYS:C	16	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(22,14)	1:60:A:LEU:N	1:56:A:CYS:C	17	0.73
(22,10)	1:58:A:ILE:N	1:54:A:ARG:C	6	0.73
(22,9)	1:58:A:ILE:H	1:54:A:ARG:C	9	0.73
(18,2415)	1:134:A:VAL:HG11	1:137:A:SER:H	13	0.73
(18,2415)	1:134:A:VAL:HG12	1:137:A:SER:H	13	0.73
(18,2415)	1:134:A:VAL:HG13	1:137:A:SER:H	13	0.73
(18,2415)	1:134:A:VAL:HG21	1:137:A:SER:H	13	0.73
(18,2415)	1:134:A:VAL:HG22	1:137:A:SER:H	13	0.73
(18,2415)	1:134:A:VAL:HG23	1:137:A:SER:H	13	0.73
(18,2251)	1:69:A:MET:HG2	1:70:A:LYS:HG2	4	0.73
(18,2251)	1:69:A:MET:HG3	1:70:A:LYS:HG2	4	0.73
(18,2247)	1:68:A:LYS:H	1:69:A:MET:HG2	1	0.73
(18,2247)	1:68:A:LYS:H	1:69:A:MET:HG3	1	0.73
(18,2227)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	7	0.73
(18,2227)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	7	0.73
(18,2227)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	7	0.73
(18,2227)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	7	0.73
(18,2227)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	7	0.73
(18,2227)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	7	0.73
(18,2227)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	7	0.73
(18,2227)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	7	0.73
(18,2227)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	7	0.73
(18,2227)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	7	0.73
(18,2227)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	7	0.73
(18,2227)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	7	0.73
(18,2227)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	7	0.73
(18,2227)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	7	0.73
(18,2227)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	7	0.73
(18,2227)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	7	0.73
(18,2227)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	7	0.73
(18,2227)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	7	0.73
(18,2227)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	7	0.73
(18,2227)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	7	0.73
(18,2227)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	7	0.73
(18,2227)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	7	0.73
(18,2227)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	7	0.73
(18,2227)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	7	0.73
(18,2227)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	7	0.73
(18,2227)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	7	0.73
(18,2227)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	7	0.73
(18,2227)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	7	0.73
(18,2227)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	7	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2227)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	7	0.73
(18,2227)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	7	0.73
(18,2227)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	7	0.73
(18,2227)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	7	0.73
(18,2227)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	7	0.73
(18,2227)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	7	0.73
(18,2227)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	7	0.73
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	13	0.73
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	13	0.73
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	13	0.73
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	13	0.73
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	13	0.73
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	13	0.73
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD11	10	0.73
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD12	10	0.73
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD13	10	0.73
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD21	10	0.73
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD22	10	0.73
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD23	10	0.73
(18,1886)	1:18:A:PHE:HE1	1:128:A:LEU:HG	2	0.73
(18,1886)	1:18:A:PHE:HE2	1:128:A:LEU:HG	2	0.73
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	12	0.73
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	12	0.73
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	12	0.73
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	12	0.73
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	12	0.73
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	12	0.73
(18,1774)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	15	0.73
(18,1774)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	15	0.73
(18,1774)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	15	0.73
(18,1774)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	15	0.73
(18,1774)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	15	0.73
(18,1774)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	15	0.73
(18,1697)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	2	0.73
(18,1643)	1:69:A:MET:HE1	1:116:A:GLN:HG3	17	0.73
(18,1643)	1:69:A:MET:HE2	1:116:A:GLN:HG3	17	0.73
(18,1643)	1:69:A:MET:HE3	1:116:A:GLN:HG3	17	0.73
(18,1454)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	14	0.73
(18,1454)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	14	0.73
(18,1454)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	14	0.73
(18,1454)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	14	0.73
(18,1454)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	14	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1454)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	14	0.73
(18,1454)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	14	0.73
(18,1454)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	14	0.73
(18,1454)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	14	0.73
(18,1352)	1:118:A:ASP:HA	1:121:A:VAL:HG11	18	0.73
(18,1352)	1:118:A:ASP:HA	1:121:A:VAL:HG12	18	0.73
(18,1352)	1:118:A:ASP:HA	1:121:A:VAL:HG13	18	0.73
(18,942)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	11	0.73
(18,942)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	11	0.73
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	18	0.73
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	18	0.73
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	18	0.73
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	18	0.73
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	18	0.73
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	18	0.73
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	18	0.73
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	18	0.73
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	18	0.73
(18,821)	1:98:A:ILE:HD11	1:100:A:ALA:H	6	0.73
(18,821)	1:98:A:ILE:HD12	1:100:A:ALA:H	6	0.73
(18,821)	1:98:A:ILE:HD13	1:100:A:ALA:H	6	0.73
(18,809)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	11	0.73
(18,809)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	11	0.73
(18,809)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	11	0.73
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	7	0.73
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	7	0.73
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	7	0.73
(18,720)	1:23:A:LEU:HD21	1:27:A:ARG:HE	14	0.73
(18,720)	1:23:A:LEU:HD22	1:27:A:ARG:HE	14	0.73
(18,720)	1:23:A:LEU:HD23	1:27:A:ARG:HE	14	0.73
(18,516)	1:101:A:ILE:HD11	1:105:A:LYS:H	16	0.73
(18,516)	1:101:A:ILE:HD12	1:105:A:LYS:H	16	0.73
(18,516)	1:101:A:ILE:HD13	1:105:A:LYS:H	16	0.73
(18,73)	1:13:A:ALA:HB1	1:81:A:GLU:H	12	0.73
(18,73)	1:13:A:ALA:HB2	1:81:A:GLU:H	12	0.73
(18,73)	1:13:A:ALA:HB3	1:81:A:GLU:H	12	0.73
(17,2409)	1:129:A:LYS:HG2	1:130:A:GLY:H	8	0.73
(17,2409)	1:129:A:LYS:HG3	1:130:A:GLY:H	8	0.73
(17,2369)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	6	0.73
(17,2369)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	6	0.73
(17,2369)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	6	0.73
(17,2369)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	6	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2369)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	6	0.73
(17,2369)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	6	0.73
(17,2369)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	6	0.73
(17,2369)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	6	0.73
(17,2369)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	6	0.73
(17,2369)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	6	0.73
(17,2369)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	6	0.73
(17,2369)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	6	0.73
(17,2369)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	6	0.73
(17,2369)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	6	0.73
(17,2369)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	6	0.73
(17,2369)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	6	0.73
(17,2369)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	6	0.73
(17,2369)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	6	0.73
(17,2272)	1:74:A:PRO:HA	1:77:A:CYS:HB2	17	0.73
(17,2272)	1:74:A:PRO:HA	1:77:A:CYS:HB3	17	0.73
(17,2177)	1:46:A:ASN:HD21	1:137:A:SER:HB2	12	0.73
(17,2177)	1:46:A:ASN:HD21	1:137:A:SER:HB3	12	0.73
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	12	0.73
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	12	0.73
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	12	0.73
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	12	0.73
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	12	0.73
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	12	0.73
(17,2075)	1:31:A:PRO:HD2	1:144:A:LEU:HA	15	0.73
(17,2075)	1:31:A:PRO:HD3	1:144:A:LEU:HA	15	0.73
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD11	17	0.73
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD12	17	0.73
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD13	17	0.73
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD21	17	0.73
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD22	17	0.73
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD23	17	0.73
(17,1874)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	13	0.73
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE1	16	0.73
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE2	16	0.73
(17,1841)	1:9:A:PHE:HZ	1:57:A:LEU:HA	1	0.73
(17,1754)	1:31:A:PRO:HB2	1:35:A:LEU:HA	1	0.73
(17,1754)	1:31:A:PRO:HB3	1:35:A:LEU:HA	1	0.73
(17,1446)	1:69:A:MET:HE1	1:73:A:ILE:HG21	8	0.73
(17,1446)	1:69:A:MET:HE1	1:73:A:ILE:HG22	8	0.73
(17,1446)	1:69:A:MET:HE1	1:73:A:ILE:HG23	8	0.73
(17,1446)	1:69:A:MET:HE2	1:73:A:ILE:HG21	8	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1446)	1:69:A:MET:HE2	1:73:A:ILE:HG22	8	0.73
(17,1446)	1:69:A:MET:HE2	1:73:A:ILE:HG23	8	0.73
(17,1446)	1:69:A:MET:HE3	1:73:A:ILE:HG21	8	0.73
(17,1446)	1:69:A:MET:HE3	1:73:A:ILE:HG22	8	0.73
(17,1446)	1:69:A:MET:HE3	1:73:A:ILE:HG23	8	0.73
(17,1410)	1:19:A:ALA:HB1	1:21:A:THR:HG21	6	0.73
(17,1410)	1:19:A:ALA:HB1	1:21:A:THR:HG22	6	0.73
(17,1410)	1:19:A:ALA:HB1	1:21:A:THR:HG23	6	0.73
(17,1410)	1:19:A:ALA:HB2	1:21:A:THR:HG21	6	0.73
(17,1410)	1:19:A:ALA:HB2	1:21:A:THR:HG22	6	0.73
(17,1410)	1:19:A:ALA:HB2	1:21:A:THR:HG23	6	0.73
(17,1410)	1:19:A:ALA:HB3	1:21:A:THR:HG21	6	0.73
(17,1410)	1:19:A:ALA:HB3	1:21:A:THR:HG22	6	0.73
(17,1410)	1:19:A:ALA:HB3	1:21:A:THR:HG23	6	0.73
(17,1401)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	10	0.73
(17,1401)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	10	0.73
(17,1401)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	10	0.73
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	9	0.73
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	9	0.73
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	9	0.73
(17,1112)	1:31:A:PRO:HG2	1:143:A:TRP:HA	17	0.73
(17,1112)	1:31:A:PRO:HG3	1:143:A:TRP:HA	17	0.73
(17,818)	1:98:A:ILE:HD11	1:100:A:ALA:H	6	0.73
(17,818)	1:98:A:ILE:HD12	1:100:A:ALA:H	6	0.73
(17,818)	1:98:A:ILE:HD13	1:100:A:ALA:H	6	0.73
(17,808)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	11	0.73
(17,808)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	11	0.73
(17,808)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	11	0.73
(17,475)	1:147:A:ARG:HD2	1:148:A:CYS:H	10	0.73
(17,475)	1:147:A:ARG:HD3	1:148:A:CYS:H	10	0.73
(17,60)	1:34:A:LYS:H	1:81:A:GLU:H	11	0.73
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG2	10	0.73
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG3	10	0.73
(16,2234)	1:68:A:LYS:H	1:69:A:MET:HG2	1	0.73
(16,2234)	1:68:A:LYS:H	1:69:A:MET:HG3	1	0.73
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD11	11	0.73
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD12	11	0.73
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD13	11	0.73
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD21	11	0.73
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD22	11	0.73
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD23	11	0.73
(16,2088)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	5	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2088)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	5	0.73
(16,2088)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	5	0.73
(16,2088)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	5	0.73
(16,2088)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	5	0.73
(16,2088)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	5	0.73
(16,2088)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	5	0.73
(16,2088)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	5	0.73
(16,2088)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	5	0.73
(16,2088)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	5	0.73
(16,2088)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	5	0.73
(16,2088)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	5	0.73
(16,2038)	1:23:A:LEU:HD11	1:27:A:ARG:HB2	12	0.73
(16,2038)	1:23:A:LEU:HD11	1:27:A:ARG:HB3	12	0.73
(16,2038)	1:23:A:LEU:HD12	1:27:A:ARG:HB2	12	0.73
(16,2038)	1:23:A:LEU:HD12	1:27:A:ARG:HB3	12	0.73
(16,2038)	1:23:A:LEU:HD13	1:27:A:ARG:HB2	12	0.73
(16,2038)	1:23:A:LEU:HD13	1:27:A:ARG:HB3	12	0.73
(16,2038)	1:23:A:LEU:HD21	1:27:A:ARG:HB2	12	0.73
(16,2038)	1:23:A:LEU:HD21	1:27:A:ARG:HB3	12	0.73
(16,2038)	1:23:A:LEU:HD22	1:27:A:ARG:HB2	12	0.73
(16,2038)	1:23:A:LEU:HD22	1:27:A:ARG:HB3	12	0.73
(16,2038)	1:23:A:LEU:HD23	1:27:A:ARG:HB2	12	0.73
(16,2038)	1:23:A:LEU:HD23	1:27:A:ARG:HB3	12	0.73
(16,1967)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	19	0.73
(16,1967)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	19	0.73
(16,1967)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	19	0.73
(16,1967)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	19	0.73
(16,1967)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	19	0.73
(16,1967)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	19	0.73
(16,1967)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	19	0.73
(16,1967)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	19	0.73
(16,1967)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	19	0.73
(16,1967)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	19	0.73
(16,1967)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	19	0.73
(16,1967)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	19	0.73
(16,1897)	1:35:A:LEU:HG	1:80:A:TYR:HE1	19	0.73
(16,1897)	1:35:A:LEU:HG	1:80:A:TYR:HE2	19	0.73
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	12	0.73
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	12	0.73
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	12	0.73
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	12	0.73
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	12	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	12	0.73
(16,1853)	1:76:A:ARG:HB3	1:113:A:PHE:HE1	18	0.73
(16,1853)	1:76:A:ARG:HB3	1:113:A:PHE:HE2	18	0.73
(16,1841)	1:9:A:PHE:HD1	1:57:A:LEU:HG	6	0.73
(16,1841)	1:9:A:PHE:HD2	1:57:A:LEU:HG	6	0.73
(16,1326)	1:124:A:THR:HG21	1:127:A:CYS:HB2	2	0.73
(16,1326)	1:124:A:THR:HG22	1:127:A:CYS:HB2	2	0.73
(16,1326)	1:124:A:THR:HG23	1:127:A:CYS:HB2	2	0.73
(16,1261)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	18	0.73
(16,1261)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	18	0.73
(16,1261)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	18	0.73
(16,1261)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	18	0.73
(16,1261)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	18	0.73
(16,1261)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	18	0.73
(16,1261)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	18	0.73
(16,1261)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	18	0.73
(16,1261)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	18	0.73
(16,996)	1:47:A:ALA:HB1	1:134:A:VAL:HB	13	0.73
(16,996)	1:47:A:ALA:HB2	1:134:A:VAL:HB	13	0.73
(16,996)	1:47:A:ALA:HB3	1:134:A:VAL:HB	13	0.73
(16,817)	1:98:A:ILE:HD11	1:100:A:ALA:H	6	0.73
(16,817)	1:98:A:ILE:HD12	1:100:A:ALA:H	6	0.73
(16,817)	1:98:A:ILE:HD13	1:100:A:ALA:H	6	0.73
(16,792)	1:11:A:ILE:HD11	1:52:A:CYS:HB2	13	0.73
(16,792)	1:11:A:ILE:HD11	1:52:A:CYS:HB3	13	0.73
(16,792)	1:11:A:ILE:HD12	1:52:A:CYS:HB2	13	0.73
(16,792)	1:11:A:ILE:HD12	1:52:A:CYS:HB3	13	0.73
(16,792)	1:11:A:ILE:HD13	1:52:A:CYS:HB2	13	0.73
(16,792)	1:11:A:ILE:HD13	1:52:A:CYS:HB3	13	0.73
(16,520)	1:70:A:LYS:HG3	1:71:A:LYS:H	11	0.73
(16,431)	1:39:A:VAL:HG21	1:143:A:TRP:H	1	0.73
(16,431)	1:39:A:VAL:HG22	1:143:A:TRP:H	1	0.73
(16,431)	1:39:A:VAL:HG23	1:143:A:TRP:H	1	0.73
(16,303)	1:43:A:MET:H	1:43:A:MET:HG2	3	0.73
(16,35)	1:95:A:ILE:HB	1:96:A:VAL:H	6	0.73
(15,2222)	1:68:A:LYS:H	1:69:A:MET:HG2	1	0.73
(15,2222)	1:68:A:LYS:H	1:69:A:MET:HG3	1	0.73
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD11	11	0.73
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD12	11	0.73
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD13	11	0.73
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD21	11	0.73
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD22	11	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD23	11	0.73
(15,2135)	1:46:A:ASN:HD21	1:137:A:SER:HB2	12	0.73
(15,2135)	1:46:A:ASN:HD21	1:137:A:SER:HB3	12	0.73
(15,2082)	1:39:A:VAL:HG11	1:43:A:MET:H	4	0.73
(15,2082)	1:39:A:VAL:HG12	1:43:A:MET:H	4	0.73
(15,2082)	1:39:A:VAL:HG13	1:43:A:MET:H	4	0.73
(15,2082)	1:39:A:VAL:HG21	1:43:A:MET:H	4	0.73
(15,2082)	1:39:A:VAL:HG22	1:43:A:MET:H	4	0.73
(15,2082)	1:39:A:VAL:HG23	1:43:A:MET:H	4	0.73
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD11	8	0.73
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD12	8	0.73
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD13	8	0.73
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD21	8	0.73
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD22	8	0.73
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD23	8	0.73
(15,2034)	1:31:A:PRO:HD2	1:144:A:LEU:HA	15	0.73
(15,2034)	1:31:A:PRO:HD3	1:144:A:LEU:HA	15	0.73
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD11	17	0.73
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD12	17	0.73
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD13	17	0.73
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD21	17	0.73
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD22	17	0.73
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD23	17	0.73
(15,1896)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	9	0.73
(15,1896)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	9	0.73
(15,1896)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	9	0.73
(15,1888)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	13	0.73
(15,1888)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	13	0.73
(15,1888)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	13	0.73
(15,1888)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	13	0.73
(15,1888)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	13	0.73
(15,1888)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	13	0.73
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	10	0.73
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	10	0.73
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	10	0.73
(15,1859)	1:14:A:VAL:HA	1:18:A:PHE:HD1	18	0.73
(15,1859)	1:14:A:VAL:HA	1:18:A:PHE:HD2	18	0.73
(15,1839)	1:9:A:PHE:HD1	1:57:A:LEU:HG	6	0.73
(15,1839)	1:9:A:PHE:HD2	1:57:A:LEU:HG	6	0.73
(15,1818)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	1	0.73
(15,1818)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	1	0.73
(15,1818)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	1	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1218)	1:11:A:ILE:HD11	1:131:A:LEU:HA	7	0.73
(15,1218)	1:11:A:ILE:HD12	1:131:A:LEU:HA	7	0.73
(15,1218)	1:11:A:ILE:HD13	1:131:A:LEU:HA	7	0.73
(15,980)	1:47:A:ALA:HB1	1:134:A:VAL:HB	13	0.73
(15,980)	1:47:A:ALA:HB2	1:134:A:VAL:HB	13	0.73
(15,980)	1:47:A:ALA:HB3	1:134:A:VAL:HB	13	0.73
(15,822)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	13	0.73
(15,822)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	13	0.73
(15,822)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	13	0.73
(15,822)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	13	0.73
(15,822)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	13	0.73
(15,822)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	13	0.73
(15,803)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	11	0.73
(15,803)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	11	0.73
(15,803)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	11	0.73
(15,588)	1:126:A:GLY:H	1:128:A:LEU:HG	5	0.73
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD21	1	0.73
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD22	1	0.73
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD23	1	0.73
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD21	12	0.73
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD22	12	0.73
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD23	12	0.73
(15,72)	1:13:A:ALA:HB1	1:81:A:GLU:H	12	0.73
(15,72)	1:13:A:ALA:HB2	1:81:A:GLU:H	12	0.73
(15,72)	1:13:A:ALA:HB3	1:81:A:GLU:H	12	0.73
(13,2344)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	6	0.73
(13,2344)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	6	0.73
(13,2344)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	6	0.73
(13,2344)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	6	0.73
(13,2344)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	6	0.73
(13,2344)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	6	0.73
(13,2344)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	6	0.73
(13,2344)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	6	0.73
(13,2344)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	6	0.73
(13,2344)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	6	0.73
(13,2344)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	6	0.73
(13,2344)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	6	0.73
(13,2344)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	6	0.73
(13,2344)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	6	0.73
(13,2344)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	6	0.73
(13,2344)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	6	0.73
(13,2344)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	6	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2344)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	6	0.73
(13,2237)	1:74:A:PRO:HA	1:77:A:CYS:HB2	17	0.73
(13,2237)	1:74:A:PRO:HA	1:77:A:CYS:HB3	17	0.73
(13,2210)	1:68:A:LYS:H	1:69:A:MET:HG2	1	0.73
(13,2210)	1:68:A:LYS:H	1:69:A:MET:HG3	1	0.73
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD11	11	0.73
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD12	11	0.73
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD13	11	0.73
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD21	11	0.73
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD22	11	0.73
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD23	11	0.73
(13,1921)	1:11:A:ILE:HD11	1:46:A:ASN:HD21	4	0.73
(13,1921)	1:11:A:ILE:HD11	1:46:A:ASN:HD22	4	0.73
(13,1921)	1:11:A:ILE:HD12	1:46:A:ASN:HD21	4	0.73
(13,1921)	1:11:A:ILE:HD12	1:46:A:ASN:HD22	4	0.73
(13,1921)	1:11:A:ILE:HD13	1:46:A:ASN:HD21	4	0.73
(13,1921)	1:11:A:ILE:HD13	1:46:A:ASN:HD22	4	0.73
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	5	0.73
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	5	0.73
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	5	0.73
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	5	0.73
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	5	0.73
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	5	0.73
(13,1853)	1:18:A:PHE:HE1	1:128:A:LEU:HG	2	0.73
(13,1853)	1:18:A:PHE:HE2	1:128:A:LEU:HG	2	0.73
(13,1150)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	7	0.73
(13,1150)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	7	0.73
(13,1150)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	7	0.73
(13,1150)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	7	0.73
(13,1150)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	7	0.73
(13,1150)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	7	0.73
(13,794)	1:98:A:ILE:HD11	1:100:A:ALA:H	6	0.73
(13,794)	1:98:A:ILE:HD12	1:100:A:ALA:H	6	0.73
(13,794)	1:98:A:ILE:HD13	1:100:A:ALA:H	6	0.73
(13,608)	1:55:A:GLY:H	1:58:A:ILE:HG13	16	0.73
(13,66)	1:13:A:ALA:HB1	1:81:A:GLU:H	12	0.73
(13,66)	1:13:A:ALA:HB2	1:81:A:GLU:H	12	0.73
(13,66)	1:13:A:ALA:HB3	1:81:A:GLU:H	12	0.73
(13,57)	1:34:A:LYS:H	1:81:A:GLU:H	11	0.73
(11,2254)	1:69:A:MET:HG2	1:70:A:LYS:HE2	10	0.73
(11,2254)	1:69:A:MET:HG2	1:70:A:LYS:HE3	10	0.73
(11,2254)	1:69:A:MET:HG3	1:70:A:LYS:HE2	10	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2254)	1:69:A:MET:HG3	1:70:A:LYS:HE3	10	0.73
(11,2122)	1:39:A:VAL:HG11	1:43:A:MET:H	4	0.73
(11,2122)	1:39:A:VAL:HG12	1:43:A:MET:H	4	0.73
(11,2122)	1:39:A:VAL:HG13	1:43:A:MET:H	4	0.73
(11,2122)	1:39:A:VAL:HG21	1:43:A:MET:H	4	0.73
(11,2122)	1:39:A:VAL:HG22	1:43:A:MET:H	4	0.73
(11,2122)	1:39:A:VAL:HG23	1:43:A:MET:H	4	0.73
(11,2092)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	5	0.73
(11,2092)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	5	0.73
(11,2092)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	5	0.73
(11,2092)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	5	0.73
(11,2092)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	5	0.73
(11,2092)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	5	0.73
(11,2092)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	5	0.73
(11,2092)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	5	0.73
(11,2092)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	5	0.73
(11,2092)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	5	0.73
(11,2092)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	5	0.73
(11,2092)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	5	0.73
(11,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	18	0.73
(11,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	18	0.73
(11,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	18	0.73
(11,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	18	0.73
(11,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	18	0.73
(11,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	18	0.73
(11,1968)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	16	0.73
(11,1968)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	16	0.73
(11,1968)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	16	0.73
(11,1968)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	16	0.73
(11,1445)	1:69:A:MET:HE1	1:73:A:ILE:HG21	8	0.73
(11,1445)	1:69:A:MET:HE1	1:73:A:ILE:HG22	8	0.73
(11,1445)	1:69:A:MET:HE1	1:73:A:ILE:HG23	8	0.73
(11,1445)	1:69:A:MET:HE2	1:73:A:ILE:HG21	8	0.73
(11,1445)	1:69:A:MET:HE2	1:73:A:ILE:HG22	8	0.73
(11,1445)	1:69:A:MET:HE2	1:73:A:ILE:HG23	8	0.73
(11,1445)	1:69:A:MET:HE3	1:73:A:ILE:HG21	8	0.73
(11,1445)	1:69:A:MET:HE3	1:73:A:ILE:HG22	8	0.73
(11,1445)	1:69:A:MET:HE3	1:73:A:ILE:HG23	8	0.73
(11,1341)	1:124:A:THR:HG21	1:127:A:CYS:HB2	2	0.73
(11,1341)	1:124:A:THR:HG22	1:127:A:CYS:HB2	2	0.73
(11,1341)	1:124:A:THR:HG23	1:127:A:CYS:HB2	2	0.73
(11,1241)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	2	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1241)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	2	0.73
(11,1241)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	2	0.73
(11,891)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	14	0.73
(11,891)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	14	0.73
(11,891)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	14	0.73
(11,807)	1:98:A:ILE:HD11	1:100:A:ALA:H	6	0.73
(11,807)	1:98:A:ILE:HD12	1:100:A:ALA:H	6	0.73
(11,807)	1:98:A:ILE:HD13	1:100:A:ALA:H	6	0.73
(11,799)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	11	0.73
(11,799)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	11	0.73
(11,799)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	11	0.73
(11,637)	1:59:A:CYS:H	1:60:A:LEU:HB3	1	0.73
(11,122)	1:78:A:HIS:HA	1:80:A:TYR:H	6	0.73
(11,94)	1:95:A:ILE:HG21	1:97:A:ASP:H	18	0.73
(11,94)	1:95:A:ILE:HG22	1:97:A:ASP:H	18	0.73
(11,94)	1:95:A:ILE:HG23	1:97:A:ASP:H	18	0.73
(11,43)	1:43:A:MET:HA	1:47:A:ALA:H	15	0.73
(9,2301)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	6	0.73
(9,2301)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	6	0.73
(9,2301)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	6	0.73
(9,2301)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	6	0.73
(9,2301)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	6	0.73
(9,2301)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	6	0.73
(9,2301)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	6	0.73
(9,2301)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	6	0.73
(9,2301)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	6	0.73
(9,2301)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	6	0.73
(9,2301)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	6	0.73
(9,2301)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	6	0.73
(9,2301)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	6	0.73
(9,2301)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	6	0.73
(9,2301)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	6	0.73
(9,2301)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	6	0.73
(9,2301)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	6	0.73
(9,2301)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	6	0.73
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD11	11	0.73
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD12	11	0.73
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD13	11	0.73
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD21	11	0.73
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD22	11	0.73
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD23	11	0.73
(9,2002)	1:17:A:ASN:HD21	1:79:A:THR:H	4	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2002)	1:17:A:ASN:HD22	1:79:A:THR:H	4	0.73
(9,1882)	1:104:A:PHE:HE1	1:105:A:LYS:H	17	0.73
(9,1882)	1:104:A:PHE:HE2	1:105:A:LYS:H	17	0.73
(9,1845)	1:9:A:PHE:HD1	1:57:A:LEU:HG	6	0.73
(9,1845)	1:9:A:PHE:HD2	1:57:A:LEU:HG	6	0.73
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE1	16	0.73
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE2	16	0.73
(9,1421)	1:69:A:MET:HE1	1:73:A:ILE:HG21	8	0.73
(9,1421)	1:69:A:MET:HE1	1:73:A:ILE:HG22	8	0.73
(9,1421)	1:69:A:MET:HE1	1:73:A:ILE:HG23	8	0.73
(9,1421)	1:69:A:MET:HE2	1:73:A:ILE:HG21	8	0.73
(9,1421)	1:69:A:MET:HE2	1:73:A:ILE:HG22	8	0.73
(9,1421)	1:69:A:MET:HE2	1:73:A:ILE:HG23	8	0.73
(9,1421)	1:69:A:MET:HE3	1:73:A:ILE:HG21	8	0.73
(9,1421)	1:69:A:MET:HE3	1:73:A:ILE:HG22	8	0.73
(9,1421)	1:69:A:MET:HE3	1:73:A:ILE:HG23	8	0.73
(9,1319)	1:124:A:THR:HG21	1:127:A:CYS:HB2	2	0.73
(9,1319)	1:124:A:THR:HG22	1:127:A:CYS:HB2	2	0.73
(9,1319)	1:124:A:THR:HG23	1:127:A:CYS:HB2	2	0.73
(9,1255)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	15	0.73
(9,1255)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	15	0.73
(9,1255)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	15	0.73
(9,1155)	1:37:A:LEU:HA	1:40:A:LEU:HB3	17	0.73
(9,974)	1:47:A:ALA:HB1	1:134:A:VAL:HB	13	0.73
(9,974)	1:47:A:ALA:HB2	1:134:A:VAL:HB	13	0.73
(9,974)	1:47:A:ALA:HB3	1:134:A:VAL:HB	13	0.73
(9,921)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	3	0.73
(9,921)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	3	0.73
(9,921)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	3	0.73
(9,921)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	3	0.73
(9,807)	1:98:A:ILE:HD11	1:100:A:ALA:H	6	0.73
(9,807)	1:98:A:ILE:HD12	1:100:A:ALA:H	6	0.73
(9,807)	1:98:A:ILE:HD13	1:100:A:ALA:H	6	0.73
(9,780)	1:11:A:ILE:HD11	1:52:A:CYS:HB2	13	0.73
(9,780)	1:11:A:ILE:HD11	1:52:A:CYS:HB3	13	0.73
(9,780)	1:11:A:ILE:HD12	1:52:A:CYS:HB2	13	0.73
(9,780)	1:11:A:ILE:HD12	1:52:A:CYS:HB3	13	0.73
(9,780)	1:11:A:ILE:HD13	1:52:A:CYS:HB2	13	0.73
(9,780)	1:11:A:ILE:HD13	1:52:A:CYS:HB3	13	0.73
(9,69)	1:13:A:ALA:HB1	1:81:A:GLU:H	12	0.73
(9,69)	1:13:A:ALA:HB2	1:81:A:GLU:H	12	0.73
(9,69)	1:13:A:ALA:HB3	1:81:A:GLU:H	12	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2348)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	6	0.73
(7,2348)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	6	0.73
(7,2348)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	6	0.73
(7,2348)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	6	0.73
(7,2348)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	6	0.73
(7,2348)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	6	0.73
(7,2348)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	6	0.73
(7,2348)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	6	0.73
(7,2348)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	6	0.73
(7,2348)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	6	0.73
(7,2348)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	6	0.73
(7,2348)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	6	0.73
(7,2348)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	6	0.73
(7,2348)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	6	0.73
(7,2348)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	6	0.73
(7,2348)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	6	0.73
(7,2348)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	6	0.73
(7,2348)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	6	0.73
(7,2026)	1:31:A:PRO:HD2	1:144:A:LEU:HA	15	0.73
(7,2026)	1:31:A:PRO:HD3	1:144:A:LEU:HA	15	0.73
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	12	0.73
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	12	0.73
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	12	0.73
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	12	0.73
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	12	0.73
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	12	0.73
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	12	0.73
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	12	0.73
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	12	0.73
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	12	0.73
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	12	0.73
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	12	0.73
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	12	0.73
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	12	0.73
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	12	0.73
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	12	0.73
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	12	0.73
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	12	0.73
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	18	0.73
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	18	0.73
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	18	0.73
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	18	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1792)	1:9:A:PHE:HZ	1:57:A:LEU:HA	1	0.73
(7,1675)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	2	0.73
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE1	17	0.73
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE2	17	0.73
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE3	17	0.73
(7,1305)	1:124:A:THR:HG21	1:127:A:CYS:HB2	2	0.73
(7,1305)	1:124:A:THR:HG22	1:127:A:CYS:HB2	2	0.73
(7,1305)	1:124:A:THR:HG23	1:127:A:CYS:HB2	2	0.73
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	1	0.73
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	1	0.73
(7,800)	1:98:A:ILE:HD11	1:100:A:ALA:H	6	0.73
(7,800)	1:98:A:ILE:HD12	1:100:A:ALA:H	6	0.73
(7,800)	1:98:A:ILE:HD13	1:100:A:ALA:H	6	0.73
(7,743)	1:43:A:MET:HE1	1:134:A:VAL:H	8	0.73
(7,743)	1:43:A:MET:HE2	1:134:A:VAL:H	8	0.73
(7,743)	1:43:A:MET:HE3	1:134:A:VAL:H	8	0.73
(7,233)	1:44:A:GLU:HG3	1:48:A:ARG:H	16	0.73
(7,92)	1:95:A:ILE:HG21	1:97:A:ASP:H	19	0.73
(7,92)	1:95:A:ILE:HG22	1:97:A:ASP:H	19	0.73
(7,92)	1:95:A:ILE:HG23	1:97:A:ASP:H	19	0.73
(6,2410)	1:129:A:LYS:HG2	1:130:A:GLY:H	8	0.73
(6,2410)	1:129:A:LYS:HG3	1:130:A:GLY:H	8	0.73
(6,2330)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	3	0.73
(6,2330)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	3	0.73
(6,2330)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	3	0.73
(6,2330)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	3	0.73
(6,2330)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	3	0.73
(6,2330)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	3	0.73
(6,2330)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	3	0.73
(6,2330)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	3	0.73
(6,2330)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	3	0.73
(6,2330)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	3	0.73
(6,2330)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	3	0.73
(6,2330)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	3	0.73
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	9	0.73
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	9	0.73
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	9	0.73
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	9	0.73
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	9	0.73
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	9	0.73
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	9	0.73
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	9	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	9	0.73
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	9	0.73
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	9	0.73
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	9	0.73
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE1	19	0.73
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE2	19	0.73
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE1	19	0.73
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE2	19	0.73
(6,1830)	1:9:A:PHE:HZ	1:57:A:LEU:HA	1	0.73
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD21	11	0.73
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD22	11	0.73
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD23	11	0.73
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE1	17	0.73
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE2	17	0.73
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE3	17	0.73
(6,1317)	1:124:A:THR:HG21	1:127:A:CYS:HB2	2	0.73
(6,1317)	1:124:A:THR:HG22	1:127:A:CYS:HB2	2	0.73
(6,1317)	1:124:A:THR:HG23	1:127:A:CYS:HB2	2	0.73
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	13	0.73
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	13	0.73
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	13	0.73
(6,804)	1:98:A:ILE:HD11	1:100:A:ALA:H	6	0.73
(6,804)	1:98:A:ILE:HD12	1:100:A:ALA:H	6	0.73
(6,804)	1:98:A:ILE:HD13	1:100:A:ALA:H	6	0.73
(6,792)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	11	0.73
(6,792)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	11	0.73
(6,792)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	11	0.73
(6,230)	1:44:A:GLU:HG3	1:48:A:ARG:H	16	0.73
(5,2354)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	6	0.73
(5,2354)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	6	0.73
(5,2354)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	6	0.73
(5,2354)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	6	0.73
(5,2354)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	6	0.73
(5,2354)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	6	0.73
(5,2354)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	6	0.73
(5,2354)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	6	0.73
(5,2354)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	6	0.73
(5,2354)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	6	0.73
(5,2354)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	6	0.73
(5,2354)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	6	0.73
(5,2354)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	6	0.73
(5,2354)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	6	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2354)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	6	0.73
(5,2354)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	6	0.73
(5,2354)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	6	0.73
(5,2354)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	6	0.73
(5,2237)	1:68:A:LYS:H	1:70:A:LYS:HG2	6	0.73
(5,2237)	1:68:A:LYS:H	1:70:A:LYS:HG3	6	0.73
(5,2236)	1:68:A:LYS:H	1:69:A:MET:HG2	1	0.73
(5,2236)	1:68:A:LYS:H	1:69:A:MET:HG3	1	0.73
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD11	8	0.73
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD12	8	0.73
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD13	8	0.73
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD21	8	0.73
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD22	8	0.73
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD23	8	0.73
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	17	0.73
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	17	0.73
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	17	0.73
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	17	0.73
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	17	0.73
(5,2021)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	17	0.73
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	6	0.73
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	6	0.73
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	6	0.73
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	6	0.73
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	6	0.73
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	6	0.73
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	6	0.73
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	6	0.73
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	6	0.73
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	6	0.73
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	6	0.73
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	6	0.73
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	6	0.73
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	6	0.73
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	6	0.73
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	6	0.73
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	6	0.73
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	6	0.73
(5,1981)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	4	0.73
(5,1981)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	4	0.73
(5,1981)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	4	0.73
(5,1981)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	4	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1981)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	4	0.73
(5,1981)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	4	0.73
(5,1907)	1:104:A:PHE:HE1	1:105:A:LYS:H	17	0.73
(5,1907)	1:104:A:PHE:HE2	1:105:A:LYS:H	17	0.73
(5,1834)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	19	0.73
(5,1834)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	19	0.73
(5,1834)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	19	0.73
(5,1834)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	19	0.73
(5,1834)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	19	0.73
(5,1834)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	19	0.73
(5,1623)	1:73:A:ILE:HG21	1:111:A:GLU:H	1	0.73
(5,1623)	1:73:A:ILE:HG22	1:111:A:GLU:H	1	0.73
(5,1623)	1:73:A:ILE:HG23	1:111:A:GLU:H	1	0.73
(5,1577)	1:9:A:PHE:HB2	1:14:A:VAL:HG21	4	0.73
(5,1577)	1:9:A:PHE:HB2	1:14:A:VAL:HG22	4	0.73
(5,1577)	1:9:A:PHE:HB2	1:14:A:VAL:HG23	4	0.73
(5,1480)	1:14:A:VAL:HB	1:15:A:ALA:HB1	19	0.73
(5,1480)	1:14:A:VAL:HB	1:15:A:ALA:HB2	19	0.73
(5,1480)	1:14:A:VAL:HB	1:15:A:ALA:HB3	19	0.73
(5,1445)	1:69:A:MET:HE1	1:73:A:ILE:HG21	8	0.73
(5,1445)	1:69:A:MET:HE1	1:73:A:ILE:HG22	8	0.73
(5,1445)	1:69:A:MET:HE1	1:73:A:ILE:HG23	8	0.73
(5,1445)	1:69:A:MET:HE2	1:73:A:ILE:HG21	8	0.73
(5,1445)	1:69:A:MET:HE2	1:73:A:ILE:HG22	8	0.73
(5,1445)	1:69:A:MET:HE2	1:73:A:ILE:HG23	8	0.73
(5,1445)	1:69:A:MET:HE3	1:73:A:ILE:HG21	8	0.73
(5,1445)	1:69:A:MET:HE3	1:73:A:ILE:HG22	8	0.73
(5,1445)	1:69:A:MET:HE3	1:73:A:ILE:HG23	8	0.73
(5,969)	1:11:A:ILE:HG12	1:14:A:VAL:HB	17	0.73
(5,960)	1:11:A:ILE:HG12	1:43:A:MET:HB2	16	0.73
(5,819)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	13	0.73
(5,819)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	13	0.73
(5,819)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	13	0.73
(5,819)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	13	0.73
(5,819)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	13	0.73
(5,819)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	13	0.73
(5,809)	1:98:A:ILE:HD11	1:100:A:ALA:H	6	0.73
(5,809)	1:98:A:ILE:HD12	1:100:A:ALA:H	6	0.73
(5,809)	1:98:A:ILE:HD13	1:100:A:ALA:H	6	0.73
(5,798)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	11	0.73
(5,798)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	11	0.73
(5,798)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	11	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,782)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	4	0.73
(5,782)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	4	0.73
(5,782)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	4	0.73
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	7	0.73
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	7	0.73
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	7	0.73
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG11	1	0.73
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG12	1	0.73
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG13	1	0.73
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG21	1	0.73
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG22	1	0.73
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG23	1	0.73
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD11	11	0.73
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD12	11	0.73
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD13	11	0.73
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD21	11	0.73
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD22	11	0.73
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD23	11	0.73
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD11	5	0.73
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD12	5	0.73
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD13	5	0.73
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD21	5	0.73
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD22	5	0.73
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD23	5	0.73
(4,2139)	1:43:A:MET:HB2	1:140:A:LEU:HG	4	0.73
(4,2139)	1:43:A:MET:HB3	1:140:A:LEU:HG	4	0.73
(4,2101)	1:39:A:VAL:HG11	1:43:A:MET:H	4	0.73
(4,2101)	1:39:A:VAL:HG12	1:43:A:MET:H	4	0.73
(4,2101)	1:39:A:VAL:HG13	1:43:A:MET:H	4	0.73
(4,2101)	1:39:A:VAL:HG21	1:43:A:MET:H	4	0.73
(4,2101)	1:39:A:VAL:HG22	1:43:A:MET:H	4	0.73
(4,2101)	1:39:A:VAL:HG23	1:43:A:MET:H	4	0.73
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD11	13	0.73
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD12	13	0.73
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD13	13	0.73
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD21	13	0.73
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD22	13	0.73
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD23	13	0.73
(4,1946)	1:11:A:ILE:HG12	1:57:A:LEU:HD11	14	0.73
(4,1946)	1:11:A:ILE:HG12	1:57:A:LEU:HD12	14	0.73
(4,1946)	1:11:A:ILE:HG12	1:57:A:LEU:HD13	14	0.73
(4,1946)	1:11:A:ILE:HG12	1:57:A:LEU:HD21	14	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1946)	1:11:A:ILE:HG12	1:57:A:LEU:HD22	14	0.73
(4,1946)	1:11:A:ILE:HG12	1:57:A:LEU:HD23	14	0.73
(4,1946)	1:11:A:ILE:HG13	1:57:A:LEU:HD11	14	0.73
(4,1946)	1:11:A:ILE:HG13	1:57:A:LEU:HD12	14	0.73
(4,1946)	1:11:A:ILE:HG13	1:57:A:LEU:HD13	14	0.73
(4,1946)	1:11:A:ILE:HG13	1:57:A:LEU:HD21	14	0.73
(4,1946)	1:11:A:ILE:HG13	1:57:A:LEU:HD22	14	0.73
(4,1946)	1:11:A:ILE:HG13	1:57:A:LEU:HD23	14	0.73
(4,1886)	1:35:A:LEU:HG	1:80:A:TYR:HE1	19	0.73
(4,1886)	1:35:A:LEU:HG	1:80:A:TYR:HE2	19	0.73
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD21	11	0.73
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD22	11	0.73
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD23	11	0.73
(4,1719)	1:18:A:PHE:HB3	1:132:A:ALA:HA	12	0.73
(4,1719)	1:18:A:PHE:HB2	1:132:A:ALA:HA	12	0.73
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE1	2	0.73
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE2	2	0.73
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE3	2	0.73
(4,1236)	1:23:A:LEU:HD11	1:25:A:ALA:H	11	0.73
(4,1236)	1:23:A:LEU:HD12	1:25:A:ALA:H	11	0.73
(4,1236)	1:23:A:LEU:HD13	1:25:A:ALA:H	11	0.73
(4,740)	1:43:A:MET:HE1	1:134:A:VAL:H	8	0.73
(4,740)	1:43:A:MET:HE2	1:134:A:VAL:H	8	0.73
(4,740)	1:43:A:MET:HE3	1:134:A:VAL:H	8	0.73
(4,610)	1:23:A:LEU:HD21	1:25:A:ALA:H	11	0.73
(4,610)	1:23:A:LEU:HD22	1:25:A:ALA:H	11	0.73
(4,610)	1:23:A:LEU:HD23	1:25:A:ALA:H	11	0.73
(4,225)	1:44:A:GLU:HG3	1:48:A:ARG:H	16	0.73
(3,2306)	1:79:A:THR:HG21	1:81:A:GLU:HB2	1	0.73
(3,2306)	1:79:A:THR:HG21	1:81:A:GLU:HB3	1	0.73
(3,2306)	1:79:A:THR:HG22	1:81:A:GLU:HB2	1	0.73
(3,2306)	1:79:A:THR:HG22	1:81:A:GLU:HB3	1	0.73
(3,2306)	1:79:A:THR:HG23	1:81:A:GLU:HB2	1	0.73
(3,2306)	1:79:A:THR:HG23	1:81:A:GLU:HB3	1	0.73
(3,2172)	1:43:A:MET:HE1	1:131:A:LEU:HB2	16	0.73
(3,2172)	1:43:A:MET:HE1	1:131:A:LEU:HB3	16	0.73
(3,2172)	1:43:A:MET:HE2	1:131:A:LEU:HB2	16	0.73
(3,2172)	1:43:A:MET:HE2	1:131:A:LEU:HB3	16	0.73
(3,2172)	1:43:A:MET:HE3	1:131:A:LEU:HB2	16	0.73
(3,2172)	1:43:A:MET:HE3	1:131:A:LEU:HB3	16	0.73
(3,2165)	1:43:A:MET:HB2	1:140:A:LEU:HG	4	0.73
(3,2165)	1:43:A:MET:HB3	1:140:A:LEU:HG	4	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2104)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	7	0.73
(3,2104)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	7	0.73
(3,2104)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	7	0.73
(3,2104)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	7	0.73
(3,2104)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	7	0.73
(3,2104)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	7	0.73
(3,2104)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	7	0.73
(3,2104)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	7	0.73
(3,2104)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	7	0.73
(3,2104)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	7	0.73
(3,2104)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	7	0.73
(3,2104)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	7	0.73
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD11	17	0.73
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD12	17	0.73
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD13	17	0.73
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD21	17	0.73
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD22	17	0.73
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD23	17	0.73
(3,1854)	1:9:A:PHE:HZ	1:57:A:LEU:HA	1	0.73
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD1	15	0.73
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD2	15	0.73
(3,1598)	1:11:A:ILE:HD11	1:43:A:MET:H	2	0.73
(3,1598)	1:11:A:ILE:HD12	1:43:A:MET:H	2	0.73
(3,1598)	1:11:A:ILE:HD13	1:43:A:MET:H	2	0.73
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD21	17	0.73
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD22	17	0.73
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD23	17	0.73
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG11	6	0.73
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG12	6	0.73
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG13	6	0.73
(3,1349)	1:124:A:THR:HG21	1:127:A:CYS:HB2	2	0.73
(3,1349)	1:124:A:THR:HG22	1:127:A:CYS:HB2	2	0.73
(3,1349)	1:124:A:THR:HG23	1:127:A:CYS:HB2	2	0.73
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD21	12	0.73
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD22	12	0.73
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD23	12	0.73
(3,1003)	1:105:A:LYS:HD2	1:107:A:LEU:H	16	0.73
(3,1003)	1:105:A:LYS:HD3	1:107:A:LEU:H	16	0.73
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB1	6	0.73
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB2	6	0.73
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB3	6	0.73
(3,887)	1:21:A:THR:HG21	1:24:A:ASP:HB2	18	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,887)	1:21:A:THR:HG21	1:24:A:ASP:HB3	18	0.73
(3,887)	1:21:A:THR:HG22	1:24:A:ASP:HB2	18	0.73
(3,887)	1:21:A:THR:HG22	1:24:A:ASP:HB3	18	0.73
(3,887)	1:21:A:THR:HG23	1:24:A:ASP:HB2	18	0.73
(3,887)	1:21:A:THR:HG23	1:24:A:ASP:HB3	18	0.73
(3,834)	1:98:A:ILE:HD11	1:119:A:LEU:HG	5	0.73
(3,834)	1:98:A:ILE:HD12	1:119:A:LEU:HG	5	0.73
(3,834)	1:98:A:ILE:HD13	1:119:A:LEU:HG	5	0.73
(3,834)	1:98:A:ILE:HD11	1:119:A:LEU:HG	9	0.73
(3,834)	1:98:A:ILE:HD12	1:119:A:LEU:HG	9	0.73
(3,834)	1:98:A:ILE:HD13	1:119:A:LEU:HG	9	0.73
(3,833)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	3	0.73
(3,833)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	3	0.73
(3,833)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	3	0.73
(3,822)	1:98:A:ILE:HD11	1:100:A:ALA:H	6	0.73
(3,822)	1:98:A:ILE:HD12	1:100:A:ALA:H	6	0.73
(3,822)	1:98:A:ILE:HD13	1:100:A:ALA:H	6	0.73
(3,813)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	11	0.73
(3,813)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	11	0.73
(3,813)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	11	0.73
(3,715)	1:23:A:LEU:HD21	1:27:A:ARG:HE	14	0.73
(3,715)	1:23:A:LEU:HD22	1:27:A:ARG:HE	14	0.73
(3,715)	1:23:A:LEU:HD23	1:27:A:ARG:HE	14	0.73
(2,2264)	1:68:A:LYS:H	1:70:A:LYS:HG2	6	0.73
(2,2264)	1:68:A:LYS:H	1:70:A:LYS:HG3	6	0.73
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG11	2	0.73
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG12	2	0.73
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG13	2	0.73
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG21	2	0.73
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG22	2	0.73
(2,2199)	1:50:A:ALA:HA	1:134:A:VAL:HG23	2	0.73
(2,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	8	0.73
(2,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	8	0.73
(2,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	8	0.73
(2,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	8	0.73
(2,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	8	0.73
(2,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	8	0.73
(2,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	8	0.73
(2,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	8	0.73
(2,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	8	0.73
(2,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	8	0.73
(2,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	8	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	8	0.73
(2,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	8	0.73
(2,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	8	0.73
(2,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	8	0.73
(2,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	8	0.73
(2,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	8	0.73
(2,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	8	0.73
(2,1834)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	19	0.73
(2,1834)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	19	0.73
(2,1834)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	19	0.73
(2,1834)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	19	0.73
(2,1834)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	19	0.73
(2,1834)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	19	0.73
(2,1756)	1:31:A:PRO:HB2	1:35:A:LEU:HA	1	0.73
(2,1756)	1:31:A:PRO:HB3	1:35:A:LEU:HA	1	0.73
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE1	12	0.73
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE2	12	0.73
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE3	12	0.73
(2,1433)	1:69:A:MET:HE1	1:73:A:ILE:HG21	8	0.73
(2,1433)	1:69:A:MET:HE1	1:73:A:ILE:HG22	8	0.73
(2,1433)	1:69:A:MET:HE1	1:73:A:ILE:HG23	8	0.73
(2,1433)	1:69:A:MET:HE2	1:73:A:ILE:HG21	8	0.73
(2,1433)	1:69:A:MET:HE2	1:73:A:ILE:HG22	8	0.73
(2,1433)	1:69:A:MET:HE2	1:73:A:ILE:HG23	8	0.73
(2,1433)	1:69:A:MET:HE3	1:73:A:ILE:HG21	8	0.73
(2,1433)	1:69:A:MET:HE3	1:73:A:ILE:HG22	8	0.73
(2,1433)	1:69:A:MET:HE3	1:73:A:ILE:HG23	8	0.73
(2,1369)	1:39:A:VAL:HG11	1:144:A:LEU:H	6	0.73
(2,1369)	1:39:A:VAL:HG12	1:144:A:LEU:H	6	0.73
(2,1369)	1:39:A:VAL:HG13	1:144:A:LEU:H	6	0.73
(2,1348)	1:125:A:THR:HG21	1:129:A:LYS:HB2	1	0.73
(2,1348)	1:125:A:THR:HG21	1:129:A:LYS:HB3	1	0.73
(2,1348)	1:125:A:THR:HG22	1:129:A:LYS:HB2	1	0.73
(2,1348)	1:125:A:THR:HG22	1:129:A:LYS:HB3	1	0.73
(2,1348)	1:125:A:THR:HG23	1:129:A:LYS:HB2	1	0.73
(2,1348)	1:125:A:THR:HG23	1:129:A:LYS:HB3	1	0.73
(2,1256)	1:23:A:LEU:HD11	1:25:A:ALA:H	11	0.73
(2,1256)	1:23:A:LEU:HD12	1:25:A:ALA:H	11	0.73
(2,1256)	1:23:A:LEU:HD13	1:25:A:ALA:H	11	0.73
(2,1194)	1:140:A:LEU:HA	1:144:A:LEU:HD21	14	0.73
(2,1194)	1:140:A:LEU:HA	1:144:A:LEU:HD22	14	0.73
(2,1194)	1:140:A:LEU:HA	1:144:A:LEU:HD23	14	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1144)	1:37:A:LEU:HA	1:40:A:LEU:HB3	17	0.73
(2,805)	1:98:A:ILE:HD11	1:100:A:ALA:H	6	0.73
(2,805)	1:98:A:ILE:HD12	1:100:A:ALA:H	6	0.73
(2,805)	1:98:A:ILE:HD13	1:100:A:ALA:H	6	0.73
(2,617)	1:23:A:LEU:HD21	1:25:A:ALA:H	11	0.73
(2,617)	1:23:A:LEU:HD22	1:25:A:ALA:H	11	0.73
(2,617)	1:23:A:LEU:HD23	1:25:A:ALA:H	11	0.73
(2,67)	1:13:A:ALA:HB1	1:81:A:GLU:H	12	0.73
(2,67)	1:13:A:ALA:HB2	1:81:A:GLU:H	12	0.73
(2,67)	1:13:A:ALA:HB3	1:81:A:GLU:H	12	0.73
(1,2402)	1:134:A:VAL:HG11	1:137:A:SER:H	13	0.73
(1,2402)	1:134:A:VAL:HG12	1:137:A:SER:H	13	0.73
(1,2402)	1:134:A:VAL:HG13	1:137:A:SER:H	13	0.73
(1,2402)	1:134:A:VAL:HG21	1:137:A:SER:H	13	0.73
(1,2402)	1:134:A:VAL:HG22	1:137:A:SER:H	13	0.73
(1,2402)	1:134:A:VAL:HG23	1:137:A:SER:H	13	0.73
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	2	0.73
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	2	0.73
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	2	0.73
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	2	0.73
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	2	0.73
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	2	0.73
(1,2057)	1:31:A:PRO:HD2	1:144:A:LEU:HA	15	0.73
(1,2057)	1:31:A:PRO:HD3	1:144:A:LEU:HA	15	0.73
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	10	0.73
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	10	0.73
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	10	0.73
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE1	11	0.73
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE2	11	0.73
(1,1898)	1:104:A:PHE:HE1	1:105:A:LYS:H	17	0.73
(1,1898)	1:104:A:PHE:HE2	1:105:A:LYS:H	17	0.73
(1,1722)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	2	0.73
(1,1591)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	19	0.73
(1,1591)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	19	0.73
(1,1591)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	19	0.73
(1,1095)	1:45:A:ALA:HA	1:48:A:ARG:HG2	7	0.73
(1,1095)	1:45:A:ALA:HA	1:48:A:ARG:HG3	7	0.73
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG21	5	0.73
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG22	5	0.73
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG23	5	0.73
(1,888)	1:21:A:THR:HG21	1:24:A:ASP:HB2	18	0.73
(1,888)	1:21:A:THR:HG21	1:24:A:ASP:HB3	18	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,888)	1:21:A:THR:HG22	1:24:A:ASP:HB2	18	0.73
(1,888)	1:21:A:THR:HG22	1:24:A:ASP:HB3	18	0.73
(1,888)	1:21:A:THR:HG23	1:24:A:ASP:HB2	18	0.73
(1,888)	1:21:A:THR:HG23	1:24:A:ASP:HB3	18	0.73
(1,811)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	11	0.73
(1,811)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	11	0.73
(1,811)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	11	0.73
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD11	5	0.72
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD12	5	0.72
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD13	5	0.72
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD21	5	0.72
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD22	5	0.72
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD23	5	0.72
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE1	14	0.72
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE2	14	0.72
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE3	14	0.72
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE1	14	0.72
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE2	14	0.72
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE3	14	0.72
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE1	14	0.72
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE2	14	0.72
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE3	14	0.72
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE1	14	0.72
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE2	14	0.72
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE3	14	0.72
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE1	14	0.72
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE2	14	0.72
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE3	14	0.72
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE1	14	0.72
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE2	14	0.72
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE3	14	0.72
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	5	0.72
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	5	0.72
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	5	0.72
(34,1777)	1:97:A:ASP:HA	1:105:A:LYS:HG2	3	0.72
(34,1656)	1:98:A:ILE:H	1:102:A:PRO:HA	19	0.72
(34,1530)	1:69:A:MET:HE1	1:110:A:MET:H	5	0.72
(34,1530)	1:69:A:MET:HE2	1:110:A:MET:H	5	0.72
(34,1530)	1:69:A:MET:HE3	1:110:A:MET:H	5	0.72
(34,1421)	1:120:A:CYS:HA	1:121:A:VAL:HA	11	0.72
(34,1305)	1:44:A:GLU:HG2	1:45:A:ALA:HA	7	0.72
(34,1305)	1:44:A:GLU:HG2	1:45:A:ALA:HA	19	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,913)	1:67:A:PRO:HD3	1:95:A:ILE:HB	18	0.72
(34,661)	1:79:A:THR:H	1:80:A:TYR:HD1	10	0.72
(34,661)	1:79:A:THR:H	1:80:A:TYR:HD2	10	0.72
(34,643)	1:59:A:CYS:H	1:60:A:LEU:HB3	8	0.72
(34,319)	1:43:A:MET:H	1:140:A:LEU:HD11	9	0.72
(34,319)	1:43:A:MET:H	1:140:A:LEU:HD12	9	0.72
(34,319)	1:43:A:MET:H	1:140:A:LEU:HD13	9	0.72
(33,2151)	1:43:A:MET:HE1	1:46:A:ASN:HB2	12	0.72
(33,2151)	1:43:A:MET:HE1	1:46:A:ASN:HB3	12	0.72
(33,2151)	1:43:A:MET:HE2	1:46:A:ASN:HB2	12	0.72
(33,2151)	1:43:A:MET:HE2	1:46:A:ASN:HB3	12	0.72
(33,2151)	1:43:A:MET:HE3	1:46:A:ASN:HB2	12	0.72
(33,2151)	1:43:A:MET:HE3	1:46:A:ASN:HB3	12	0.72
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD11	13	0.72
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD12	13	0.72
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD13	13	0.72
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD21	13	0.72
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD22	13	0.72
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD23	13	0.72
(33,2049)	1:27:A:ARG:HB2	1:27:A:ARG:HE	12	0.72
(33,2049)	1:27:A:ARG:HB3	1:27:A:ARG:HE	12	0.72
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE1	19	0.72
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE2	19	0.72
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE3	19	0.72
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE1	19	0.72
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE2	19	0.72
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE3	19	0.72
(33,1862)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	3	0.72
(33,1862)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	3	0.72
(33,1630)	1:98:A:ILE:H	1:102:A:PRO:HA	19	0.72
(33,1507)	1:11:A:ILE:HD11	1:43:A:MET:HE1	16	0.72
(33,1507)	1:11:A:ILE:HD11	1:43:A:MET:HE2	16	0.72
(33,1507)	1:11:A:ILE:HD11	1:43:A:MET:HE3	16	0.72
(33,1507)	1:11:A:ILE:HD12	1:43:A:MET:HE1	16	0.72
(33,1507)	1:11:A:ILE:HD12	1:43:A:MET:HE2	16	0.72
(33,1507)	1:11:A:ILE:HD12	1:43:A:MET:HE3	16	0.72
(33,1507)	1:11:A:ILE:HD13	1:43:A:MET:HE1	16	0.72
(33,1507)	1:11:A:ILE:HD13	1:43:A:MET:HE2	16	0.72
(33,1507)	1:11:A:ILE:HD13	1:43:A:MET:HE3	16	0.72
(33,1404)	1:120:A:CYS:HA	1:121:A:VAL:HA	11	0.72
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	18	0.72
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	18	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	18	0.72
(33,1284)	1:44:A:GLU:HG2	1:45:A:ALA:HA	7	0.72
(33,1284)	1:44:A:GLU:HG2	1:45:A:ALA:HA	19	0.72
(33,1171)	1:140:A:LEU:HD11	1:144:A:LEU:H	13	0.72
(33,1171)	1:140:A:LEU:HD12	1:144:A:LEU:H	13	0.72
(33,1171)	1:140:A:LEU:HD13	1:144:A:LEU:H	13	0.72
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB1	15	0.72
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB2	15	0.72
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB3	15	0.72
(33,1083)	1:48:A:ARG:HG2	1:49:A:LYS:HA	13	0.72
(33,1083)	1:48:A:ARG:HG3	1:49:A:LYS:HA	13	0.72
(33,846)	1:48:A:ARG:HD2	1:49:A:LYS:H	4	0.72
(33,846)	1:48:A:ARG:HD3	1:49:A:LYS:H	4	0.72
(33,635)	1:59:A:CYS:H	1:60:A:LEU:HB2	12	0.72
(33,635)	1:59:A:CYS:H	1:60:A:LEU:HB2	15	0.72
(33,340)	1:120:A:CYS:HA	1:123:A:CYS:H	2	0.72
(32,2252)	1:70:A:LYS:HG2	1:71:A:LYS:H	14	0.72
(32,2252)	1:70:A:LYS:HG3	1:71:A:LYS:H	14	0.72
(32,2252)	1:70:A:LYS:HG2	1:71:A:LYS:H	15	0.72
(32,2252)	1:70:A:LYS:HG3	1:71:A:LYS:H	15	0.72
(32,1937)	1:12:A:VAL:HG11	1:43:A:MET:H	5	0.72
(32,1937)	1:12:A:VAL:HG12	1:43:A:MET:H	5	0.72
(32,1937)	1:12:A:VAL:HG13	1:43:A:MET:H	5	0.72
(32,1937)	1:12:A:VAL:HG21	1:43:A:MET:H	5	0.72
(32,1937)	1:12:A:VAL:HG22	1:43:A:MET:H	5	0.72
(32,1937)	1:12:A:VAL:HG23	1:43:A:MET:H	5	0.72
(32,1851)	1:104:A:PHE:HE1	1:105:A:LYS:H	4	0.72
(32,1851)	1:104:A:PHE:HE2	1:105:A:LYS:H	4	0.72
(32,1724)	1:141:A:LYS:HA	1:149:A:ALA:H	4	0.72
(32,1600)	1:98:A:ILE:H	1:102:A:PRO:HA	19	0.72
(32,1507)	1:46:A:ASN:HB3	1:134:A:VAL:HB	1	0.72
(32,1475)	1:69:A:MET:HE1	1:110:A:MET:H	5	0.72
(32,1475)	1:69:A:MET:HE2	1:110:A:MET:H	5	0.72
(32,1475)	1:69:A:MET:HE3	1:110:A:MET:H	5	0.72
(32,1371)	1:120:A:CYS:HA	1:121:A:VAL:HA	11	0.72
(32,1339)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	1	0.72
(32,1339)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	1	0.72
(32,1339)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	1	0.72
(32,1130)	1:136:A:CYS:HA	1:140:A:LEU:HD21	12	0.72
(32,1130)	1:136:A:CYS:HA	1:140:A:LEU:HD22	12	0.72
(32,1130)	1:136:A:CYS:HA	1:140:A:LEU:HD23	12	0.72
(32,958)	1:104:A:PHE:H	1:105:A:LYS:HD2	6	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,958)	1:104:A:PHE:H	1:105:A:LYS:HD3	6	0.72
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	15	0.72
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	15	0.72
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	15	0.72
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	15	0.72
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	15	0.72
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	15	0.72
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	15	0.72
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	15	0.72
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	15	0.72
(32,622)	1:59:A:CYS:H	1:60:A:LEU:HB2	12	0.72
(32,622)	1:59:A:CYS:H	1:60:A:LEU:HB2	15	0.72
(32,330)	1:120:A:CYS:HA	1:123:A:CYS:H	2	0.72
(32,192)	1:101:A:ILE:H	1:104:A:PHE:HD1	7	0.72
(32,192)	1:101:A:ILE:H	1:104:A:PHE:HD2	7	0.72
(30,2426)	1:136:A:CYS:HB2	1:141:A:LYS:HA	10	0.72
(30,2426)	1:136:A:CYS:HB3	1:141:A:LYS:HA	10	0.72
(30,2302)	1:98:A:ILE:H	1:104:A:PHE:HB2	5	0.72
(30,2302)	1:98:A:ILE:H	1:104:A:PHE:HB3	5	0.72
(30,1867)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	3	0.72
(30,1867)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	3	0.72
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	5	0.72
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	5	0.72
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	5	0.72
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	15	0.72
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	15	0.72
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	15	0.72
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	15	0.72
(30,1844)	1:13:A:ALA:HA	1:80:A:TYR:HE1	5	0.72
(30,1844)	1:13:A:ALA:HA	1:80:A:TYR:HE2	5	0.72
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	10	0.72
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	10	0.72
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	10	0.72
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	10	0.72
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	10	0.72
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	10	0.72
(30,1749)	1:140:A:LEU:HD11	1:144:A:LEU:H	13	0.72
(30,1749)	1:140:A:LEU:HD12	1:144:A:LEU:H	13	0.72
(30,1749)	1:140:A:LEU:HD13	1:144:A:LEU:H	13	0.72
(30,1643)	1:98:A:ILE:H	1:102:A:PRO:HA	19	0.72
(30,1628)	1:13:A:ALA:HA	1:80:A:TYR:HB3	8	0.72
(30,1513)	1:69:A:MET:HE1	1:110:A:MET:H	5	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1513)	1:69:A:MET:HE2	1:110:A:MET:H	5	0.72
(30,1513)	1:69:A:MET:HE3	1:110:A:MET:H	5	0.72
(30,1405)	1:120:A:CYS:HA	1:121:A:VAL:HA	11	0.72
(30,1271)	1:44:A:GLU:HG2	1:45:A:ALA:HA	7	0.72
(30,1271)	1:44:A:GLU:HG2	1:45:A:ALA:HA	19	0.72
(30,985)	1:12:A:VAL:HB	1:43:A:MET:HE1	19	0.72
(30,985)	1:12:A:VAL:HB	1:43:A:MET:HE2	19	0.72
(30,985)	1:12:A:VAL:HB	1:43:A:MET:HE3	19	0.72
(30,983)	1:105:A:LYS:HD2	1:107:A:LEU:H	16	0.72
(30,983)	1:105:A:LYS:HD3	1:107:A:LEU:H	16	0.72
(30,919)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	5	0.72
(30,919)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	5	0.72
(30,919)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	5	0.72
(30,919)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	5	0.72
(30,919)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	5	0.72
(30,919)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	5	0.72
(30,888)	1:67:A:PRO:HD3	1:95:A:ILE:HB	18	0.72
(30,634)	1:59:A:CYS:H	1:60:A:LEU:HB2	12	0.72
(30,634)	1:59:A:CYS:H	1:60:A:LEU:HB2	15	0.72
(30,342)	1:120:A:CYS:HA	1:123:A:CYS:H	2	0.72
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD11	15	0.72
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD12	15	0.72
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD13	15	0.72
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD21	15	0.72
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD22	15	0.72
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD23	15	0.72
(29,2035)	1:17:A:ASN:HB2	1:76:A:ARG:HA	2	0.72
(29,2035)	1:17:A:ASN:HB3	1:76:A:ARG:HA	2	0.72
(29,1990)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	19	0.72
(29,1990)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	19	0.72
(29,1990)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	19	0.72
(29,1990)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	19	0.72
(29,1990)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	19	0.72
(29,1990)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	19	0.72
(29,1990)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	19	0.72
(29,1990)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	19	0.72
(29,1990)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	19	0.72
(29,1990)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	19	0.72
(29,1990)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	19	0.72
(29,1990)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	19	0.72
(29,1990)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	19	0.72
(29,1990)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	19	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1990)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	19	0.72
(29,1990)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	19	0.72
(29,1990)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	19	0.72
(29,1990)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	19	0.72
(29,1946)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	18	0.72
(29,1946)	1:9:A:PHE:HD1	1:11:A:ILE:HG13	18	0.72
(29,1946)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	18	0.72
(29,1946)	1:9:A:PHE:HD2	1:11:A:ILE:HG13	18	0.72
(29,1901)	1:104:A:PHE:HE1	1:105:A:LYS:H	4	0.72
(29,1901)	1:104:A:PHE:HE2	1:105:A:LYS:H	4	0.72
(29,1656)	1:98:A:ILE:H	1:102:A:PRO:HA	19	0.72
(29,1479)	1:45:A:ALA:HB1	1:49:A:LYS:HE2	9	0.72
(29,1479)	1:45:A:ALA:HB1	1:49:A:LYS:HE3	9	0.72
(29,1479)	1:45:A:ALA:HB2	1:49:A:LYS:HE2	9	0.72
(29,1479)	1:45:A:ALA:HB2	1:49:A:LYS:HE3	9	0.72
(29,1479)	1:45:A:ALA:HB3	1:49:A:LYS:HE2	9	0.72
(29,1479)	1:45:A:ALA:HB3	1:49:A:LYS:HE3	9	0.72
(29,1287)	1:44:A:GLU:HG2	1:45:A:ALA:HA	7	0.72
(29,1287)	1:44:A:GLU:HG2	1:45:A:ALA:HA	19	0.72
(29,1219)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	19	0.72
(29,1219)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	19	0.72
(29,1219)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	19	0.72
(29,1078)	1:71:A:LYS:HG3	1:72:A:PHE:HA	2	0.72
(29,1002)	1:12:A:VAL:HB	1:43:A:MET:HE1	11	0.72
(29,1002)	1:12:A:VAL:HB	1:43:A:MET:HE2	11	0.72
(29,1002)	1:12:A:VAL:HB	1:43:A:MET:HE3	11	0.72
(29,961)	1:39:A:VAL:HA	1:43:A:MET:HG3	16	0.72
(29,953)	1:67:A:PRO:HA	1:70:A:LYS:HB2	2	0.72
(29,953)	1:67:A:PRO:HA	1:70:A:LYS:HB3	2	0.72
(29,850)	1:48:A:ARG:HD2	1:49:A:LYS:HA	11	0.72
(29,850)	1:48:A:ARG:HD3	1:49:A:LYS:HA	11	0.72
(29,816)	1:55:A:GLY:H	1:58:A:ILE:HD11	12	0.72
(29,816)	1:55:A:GLY:H	1:58:A:ILE:HD12	12	0.72
(29,816)	1:55:A:GLY:H	1:58:A:ILE:HD13	12	0.72
(29,723)	1:48:A:ARG:HE	1:49:A:LYS:H	16	0.72
(29,658)	1:79:A:THR:H	1:80:A:TYR:HD1	10	0.72
(29,658)	1:79:A:THR:H	1:80:A:TYR:HD2	10	0.72
(29,641)	1:59:A:CYS:H	1:60:A:LEU:HB2	12	0.72
(29,641)	1:59:A:CYS:H	1:60:A:LEU:HB2	15	0.72
(29,339)	1:120:A:CYS:HA	1:123:A:CYS:H	2	0.72
(29,296)	1:43:A:MET:H	1:43:A:MET:HG3	2	0.72
(29,206)	1:101:A:ILE:H	1:104:A:PHE:HD1	7	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,206)	1:101:A:ILE:H	1:104:A:PHE:HD2	7	0.72
(23,19)	1:120:A:CYS:N	1:116:A:GLN:O	6	0.72
(23,15)	1:116:A:GLN:N	1:112:A:GLN:O	19	0.72
(23,13)	1:114:A:ILE:N	1:110:A:MET:O	2	0.72
(23,13)	1:114:A:ILE:N	1:110:A:MET:O	18	0.72
(23,12)	1:113:A:PHE:N	1:109:A:PRO:O	7	0.72
(23,12)	1:113:A:PHE:N	1:109:A:PRO:O	12	0.72
(22,42)	1:129:A:LYS:N	1:125:A:THR:C	5	0.72
(22,42)	1:129:A:LYS:N	1:125:A:THR:C	7	0.72
(22,40)	1:128:A:LEU:N	1:124:A:THR:C	13	0.72
(22,36)	1:119:A:LEU:N	1:115:A:ALA:C	11	0.72
(22,35)	1:119:A:LEU:H	1:115:A:ALA:C	14	0.72
(22,35)	1:119:A:LEU:H	1:115:A:ALA:C	17	0.72
(22,31)	1:117:A:VAL:H	1:113:A:PHE:C	5	0.72
(22,30)	1:116:A:GLN:N	1:112:A:GLN:C	2	0.72
(22,14)	1:60:A:LEU:N	1:56:A:CYS:C	3	0.72
(22,14)	1:60:A:LEU:N	1:56:A:CYS:C	9	0.72
(22,14)	1:60:A:LEU:N	1:56:A:CYS:C	18	0.72
(22,13)	1:60:A:LEU:H	1:56:A:CYS:C	2	0.72
(22,6)	1:44:A:GLU:N	1:40:A:LEU:C	10	0.72
(22,2)	1:17:A:ASN:N	1:13:A:ALA:C	8	0.72
(22,1)	1:17:A:ASN:H	1:13:A:ALA:C	3	0.72
(22,1)	1:17:A:ASN:H	1:13:A:ALA:C	9	0.72
(18,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB2	1	0.72
(18,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB3	1	0.72
(18,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB2	1	0.72
(18,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB3	1	0.72
(18,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB2	1	0.72
(18,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB3	1	0.72
(18,1807)	1:18:A:PHE:HE1	1:131:A:LEU:HB2	9	0.72
(18,1807)	1:18:A:PHE:HE2	1:131:A:LEU:HB2	9	0.72
(18,1744)	1:141:A:LYS:HA	1:149:A:ALA:H	4	0.72
(18,1684)	1:43:A:MET:HE1	1:131:A:LEU:HB3	9	0.72
(18,1684)	1:43:A:MET:HE2	1:131:A:LEU:HB3	9	0.72
(18,1684)	1:43:A:MET:HE3	1:131:A:LEU:HB3	9	0.72
(18,1399)	1:120:A:CYS:HA	1:121:A:VAL:HA	11	0.72
(18,1235)	1:79:A:THR:HG21	1:81:A:GLU:HA	7	0.72
(18,1235)	1:79:A:THR:HG22	1:81:A:GLU:HA	7	0.72
(18,1235)	1:79:A:THR:HG23	1:81:A:GLU:HA	7	0.72
(18,955)	1:67:A:PRO:HA	1:70:A:LYS:HB2	2	0.72
(18,955)	1:67:A:PRO:HA	1:70:A:LYS:HB3	2	0.72
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	15	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	15	0.72
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	15	0.72
(18,671)	1:101:A:ILE:HB	1:103:A:ARG:H	2	0.72
(18,665)	1:79:A:THR:H	1:80:A:TYR:HD1	10	0.72
(18,665)	1:79:A:THR:H	1:80:A:TYR:HD2	10	0.72
(18,647)	1:59:A:CYS:H	1:60:A:LEU:HB2	12	0.72
(18,647)	1:59:A:CYS:H	1:60:A:LEU:HB2	15	0.72
(18,516)	1:101:A:ILE:HD11	1:105:A:LYS:H	3	0.72
(18,516)	1:101:A:ILE:HD12	1:105:A:LYS:H	3	0.72
(18,516)	1:101:A:ILE:HD13	1:105:A:LYS:H	3	0.72
(18,350)	1:120:A:CYS:HA	1:123:A:CYS:H	2	0.72
(18,207)	1:101:A:ILE:H	1:104:A:PHE:HD1	7	0.72
(18,207)	1:101:A:ILE:H	1:104:A:PHE:HD2	7	0.72
(18,121)	1:79:A:THR:H	1:80:A:TYR:H	4	0.72
(17,2075)	1:31:A:PRO:HD2	1:144:A:LEU:HA	1	0.72
(17,2075)	1:31:A:PRO:HD3	1:144:A:LEU:HA	1	0.72
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	2	0.72
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	2	0.72
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	2	0.72
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	2	0.72
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	2	0.72
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	2	0.72
(17,2027)	1:17:A:ASN:HB2	1:76:A:ARG:HA	2	0.72
(17,2027)	1:17:A:ASN:HB3	1:76:A:ARG:HA	2	0.72
(17,1882)	1:9:A:PHE:HE1	1:14:A:VAL:HB	8	0.72
(17,1882)	1:9:A:PHE:HE2	1:14:A:VAL:HB	8	0.72
(17,1881)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	3	0.72
(17,1881)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	3	0.72
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	2	0.72
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	2	0.72
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	2	0.72
(17,1806)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	15	0.72
(17,1806)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	15	0.72
(17,1806)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	15	0.72
(17,1806)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	15	0.72
(17,1806)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	15	0.72
(17,1806)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	15	0.72
(17,1660)	1:98:A:ILE:H	1:102:A:PRO:HA	19	0.72
(17,1493)	1:45:A:ALA:HB1	1:49:A:LYS:HE2	9	0.72
(17,1493)	1:45:A:ALA:HB1	1:49:A:LYS:HE3	9	0.72
(17,1493)	1:45:A:ALA:HB2	1:49:A:LYS:HE2	9	0.72
(17,1493)	1:45:A:ALA:HB2	1:49:A:LYS:HE3	9	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1493)	1:45:A:ALA:HB3	1:49:A:LYS:HE2	9	0.72
(17,1493)	1:45:A:ALA:HB3	1:49:A:LYS:HE3	9	0.72
(17,1423)	1:120:A:CYS:HA	1:121:A:VAL:HA	11	0.72
(17,1234)	1:34:A:LYS:H	1:81:A:GLU:HA	5	0.72
(17,849)	1:48:A:ARG:HD2	1:49:A:LYS:H	4	0.72
(17,849)	1:48:A:ARG:HD3	1:49:A:LYS:H	4	0.72
(17,654)	1:79:A:THR:H	1:80:A:TYR:HD1	10	0.72
(17,654)	1:79:A:THR:H	1:80:A:TYR:HD2	10	0.72
(17,636)	1:59:A:CYS:H	1:60:A:LEU:HB2	12	0.72
(17,636)	1:59:A:CYS:H	1:60:A:LEU:HB2	15	0.72
(17,337)	1:120:A:CYS:HA	1:123:A:CYS:H	2	0.72
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD11	3	0.72
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD12	3	0.72
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD13	3	0.72
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD21	3	0.72
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD22	3	0.72
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD23	3	0.72
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD11	5	0.72
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD12	5	0.72
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD13	5	0.72
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD21	5	0.72
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD22	5	0.72
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD23	5	0.72
(16,2088)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	19	0.72
(16,2088)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	19	0.72
(16,2088)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	19	0.72
(16,2088)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	19	0.72
(16,2088)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	19	0.72
(16,2088)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	19	0.72
(16,2088)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	19	0.72
(16,2088)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	19	0.72
(16,2088)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	19	0.72
(16,2088)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	19	0.72
(16,2088)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	19	0.72
(16,2088)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	19	0.72
(16,2083)	1:35:A:LEU:HD11	1:38:A:GLU:H	15	0.72
(16,2083)	1:35:A:LEU:HD12	1:38:A:GLU:H	15	0.72
(16,2083)	1:35:A:LEU:HD13	1:38:A:GLU:H	15	0.72
(16,2083)	1:35:A:LEU:HD21	1:38:A:GLU:H	15	0.72
(16,2083)	1:35:A:LEU:HD22	1:38:A:GLU:H	15	0.72
(16,2083)	1:35:A:LEU:HD23	1:38:A:GLU:H	15	0.72
(16,2071)	1:32:A:GLY:HA2	1:81:A:GLU:H	9	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2071)	1:32:A:GLY:HA3	1:81:A:GLU:H	9	0.72
(16,2050)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	10	0.72
(16,2050)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	10	0.72
(16,2050)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	10	0.72
(16,2050)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	10	0.72
(16,2050)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	10	0.72
(16,2050)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	10	0.72
(16,2050)	1:27:A:ARG:HB3	1:30:A:LEU:HD11	10	0.72
(16,2050)	1:27:A:ARG:HB3	1:30:A:LEU:HD12	10	0.72
(16,2050)	1:27:A:ARG:HB3	1:30:A:LEU:HD13	10	0.72
(16,2050)	1:27:A:ARG:HB3	1:30:A:LEU:HD21	10	0.72
(16,2050)	1:27:A:ARG:HB3	1:30:A:LEU:HD22	10	0.72
(16,2050)	1:27:A:ARG:HB3	1:30:A:LEU:HD23	10	0.72
(16,2047)	1:27:A:ARG:HB2	1:27:A:ARG:HE	12	0.72
(16,2047)	1:27:A:ARG:HB3	1:27:A:ARG:HE	12	0.72
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	6	0.72
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	6	0.72
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	6	0.72
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	6	0.72
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	6	0.72
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	6	0.72
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	6	0.72
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	6	0.72
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	6	0.72
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	6	0.72
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	6	0.72
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	6	0.72
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	2	0.72
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	2	0.72
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	2	0.72
(16,1629)	1:98:A:ILE:H	1:102:A:PRO:HA	19	0.72
(16,1563)	1:58:A:ILE:HD11	1:61:A:SER:H	16	0.72
(16,1563)	1:58:A:ILE:HD12	1:61:A:SER:H	16	0.72
(16,1563)	1:58:A:ILE:HD13	1:61:A:SER:H	16	0.72
(16,1407)	1:120:A:CYS:HA	1:121:A:VAL:HA	11	0.72
(16,1393)	1:19:A:ALA:HB1	1:132:A:ALA:HA	10	0.72
(16,1393)	1:19:A:ALA:HB2	1:132:A:ALA:HA	10	0.72
(16,1393)	1:19:A:ALA:HB3	1:132:A:ALA:HA	10	0.72
(16,1359)	1:39:A:VAL:HG11	1:143:A:TRP:H	2	0.72
(16,1359)	1:39:A:VAL:HG12	1:143:A:TRP:H	2	0.72
(16,1359)	1:39:A:VAL:HG13	1:143:A:TRP:H	2	0.72
(16,1261)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	6	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1261)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	6	0.72
(16,1261)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	6	0.72
(16,1261)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	6	0.72
(16,1261)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	6	0.72
(16,1261)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	6	0.72
(16,1261)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	6	0.72
(16,1261)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	6	0.72
(16,1261)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	6	0.72
(16,1175)	1:136:A:CYS:HA	1:140:A:LEU:HD21	8	0.72
(16,1175)	1:136:A:CYS:HA	1:140:A:LEU:HD22	8	0.72
(16,1175)	1:136:A:CYS:HA	1:140:A:LEU:HD23	8	0.72
(16,936)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	5	0.72
(16,936)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	5	0.72
(16,936)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	5	0.72
(16,936)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	5	0.72
(16,936)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	5	0.72
(16,936)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	5	0.72
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	5	0.72
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	5	0.72
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	5	0.72
(16,639)	1:59:A:CYS:H	1:60:A:LEU:HB2	12	0.72
(16,639)	1:59:A:CYS:H	1:60:A:LEU:HB2	15	0.72
(16,345)	1:120:A:CYS:HA	1:123:A:CYS:H	2	0.72
(16,118)	1:79:A:THR:H	1:80:A:TYR:H	4	0.72
(15,2332)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	5	0.72
(15,2332)	1:108:A:GLU:HB2	1:111:A:GLU:HG3	5	0.72
(15,2332)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	5	0.72
(15,2332)	1:108:A:GLU:HB3	1:111:A:GLU:HG3	5	0.72
(15,2034)	1:31:A:PRO:HD2	1:144:A:LEU:HA	1	0.72
(15,2034)	1:31:A:PRO:HD3	1:144:A:LEU:HA	1	0.72
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE1	19	0.72
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE2	19	0.72
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE3	19	0.72
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE1	19	0.72
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE2	19	0.72
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE3	19	0.72
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD11	1	0.72
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD12	1	0.72
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD13	1	0.72
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD21	1	0.72
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD22	1	0.72
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD23	1	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1864)	1:104:A:PHE:HE1	1:105:A:LYS:H	4	0.72
(15,1864)	1:104:A:PHE:HE2	1:105:A:LYS:H	4	0.72
(15,1750)	1:141:A:LYS:HA	1:149:A:ALA:H	4	0.72
(15,1644)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	1	0.72
(15,1644)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	1	0.72
(15,1644)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	1	0.72
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD2	13	0.72
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD3	13	0.72
(15,1637)	1:98:A:ILE:H	1:102:A:PRO:HA	19	0.72
(15,1575)	1:98:A:ILE:HD11	1:115:A:ALA:H	3	0.72
(15,1575)	1:98:A:ILE:HD12	1:115:A:ALA:H	3	0.72
(15,1575)	1:98:A:ILE:HD13	1:115:A:ALA:H	3	0.72
(15,1506)	1:69:A:MET:HE1	1:110:A:MET:H	5	0.72
(15,1506)	1:69:A:MET:HE2	1:110:A:MET:H	5	0.72
(15,1506)	1:69:A:MET:HE3	1:110:A:MET:H	5	0.72
(15,1454)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	19	0.72
(15,1454)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	19	0.72
(15,1454)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	19	0.72
(15,1454)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	19	0.72
(15,1454)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	19	0.72
(15,1454)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	19	0.72
(15,1454)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	19	0.72
(15,1454)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	19	0.72
(15,1454)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	19	0.72
(15,1451)	1:15:A:ALA:HB1	1:132:A:ALA:HA	7	0.72
(15,1451)	1:15:A:ALA:HB2	1:132:A:ALA:HA	7	0.72
(15,1451)	1:15:A:ALA:HB3	1:132:A:ALA:HA	7	0.72
(15,1402)	1:120:A:CYS:HA	1:121:A:VAL:HA	11	0.72
(15,642)	1:59:A:CYS:H	1:60:A:LEU:HB2	12	0.72
(15,642)	1:59:A:CYS:H	1:60:A:LEU:HB2	15	0.72
(15,517)	1:70:A:LYS:HE2	1:71:A:LYS:H	15	0.72
(15,517)	1:70:A:LYS:HE3	1:71:A:LYS:H	15	0.72
(15,344)	1:120:A:CYS:HA	1:123:A:CYS:H	2	0.72
(15,206)	1:101:A:ILE:H	1:104:A:PHE:HD1	7	0.72
(15,206)	1:101:A:ILE:H	1:104:A:PHE:HD2	7	0.72
(13,2307)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	3	0.72
(13,2307)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	3	0.72
(13,2307)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	3	0.72
(13,2307)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	3	0.72
(13,2307)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	3	0.72
(13,2307)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	3	0.72
(13,2307)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	3	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2307)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	3	0.72
(13,2307)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	3	0.72
(13,2307)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	3	0.72
(13,2307)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	3	0.72
(13,2307)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	3	0.72
(13,2266)	1:98:A:ILE:H	1:104:A:PHE:HB2	5	0.72
(13,2266)	1:98:A:ILE:H	1:104:A:PHE:HB3	5	0.72
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE21	12	0.72
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE22	12	0.72
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE21	12	0.72
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE22	12	0.72
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	18	0.72
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	18	0.72
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	18	0.72
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	18	0.72
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	18	0.72
(13,2130)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	18	0.72
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	18	0.72
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	18	0.72
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	18	0.72
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	18	0.72
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	18	0.72
(13,2130)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	18	0.72
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	18	0.72
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	18	0.72
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	18	0.72
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	18	0.72
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	18	0.72
(13,2130)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	18	0.72
(13,2083)	1:41:A:LYS:H	1:44:A:GLU:HG2	9	0.72
(13,2083)	1:41:A:LYS:H	1:44:A:GLU:HG3	9	0.72
(13,2022)	1:35:A:LEU:H	1:35:A:LEU:HD11	6	0.72
(13,2022)	1:35:A:LEU:H	1:35:A:LEU:HD12	6	0.72
(13,2022)	1:35:A:LEU:H	1:35:A:LEU:HD13	6	0.72
(13,2022)	1:35:A:LEU:H	1:35:A:LEU:HD21	6	0.72
(13,2022)	1:35:A:LEU:H	1:35:A:LEU:HD22	6	0.72
(13,2022)	1:35:A:LEU:H	1:35:A:LEU:HD23	6	0.72
(13,1728)	1:141:A:LYS:HA	1:149:A:ALA:H	4	0.72
(13,1610)	1:98:A:ILE:H	1:102:A:PRO:HA	19	0.72
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	12	0.72
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	12	0.72
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	12	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	12	0.72
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	12	0.72
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	12	0.72
(13,1383)	1:120:A:CYS:HA	1:121:A:VAL:HA	11	0.72
(13,925)	1:67:A:PRO:HA	1:70:A:LYS:HB2	2	0.72
(13,925)	1:67:A:PRO:HA	1:70:A:LYS:HB3	2	0.72
(13,629)	1:59:A:CYS:H	1:60:A:LEU:HB2	12	0.72
(13,629)	1:59:A:CYS:H	1:60:A:LEU:HB2	15	0.72
(13,370)	1:40:A:LEU:HB2	1:41:A:LYS:H	2	0.72
(13,338)	1:120:A:CYS:HA	1:123:A:CYS:H	2	0.72
(13,89)	1:96:A:VAL:H	1:97:A:ASP:H	18	0.72
(13,51)	1:47:A:ALA:H	1:134:A:VAL:HG21	14	0.72
(13,51)	1:47:A:ALA:H	1:134:A:VAL:HG22	14	0.72
(13,51)	1:47:A:ALA:H	1:134:A:VAL:HG23	14	0.72
(11,2425)	1:137:A:SER:HB2	1:140:A:LEU:HB2	2	0.72
(11,2425)	1:137:A:SER:HB3	1:140:A:LEU:HB2	2	0.72
(11,2305)	1:98:A:ILE:H	1:104:A:PHE:HB2	5	0.72
(11,2305)	1:98:A:ILE:H	1:104:A:PHE:HB3	5	0.72
(11,2238)	1:66:A:THR:H	1:70:A:LYS:HD2	7	0.72
(11,2238)	1:66:A:THR:H	1:70:A:LYS:HD3	7	0.72
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD11	5	0.72
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD12	5	0.72
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD13	5	0.72
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD21	5	0.72
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD22	5	0.72
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD23	5	0.72
(11,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	11	0.72
(11,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	11	0.72
(11,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	11	0.72
(11,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	11	0.72
(11,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	11	0.72
(11,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	11	0.72
(11,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	11	0.72
(11,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	11	0.72
(11,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	11	0.72
(11,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	11	0.72
(11,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	11	0.72
(11,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	11	0.72
(11,2092)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	19	0.72
(11,2092)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	19	0.72
(11,2092)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	19	0.72
(11,2092)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	19	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2092)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	19	0.72
(11,2092)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	19	0.72
(11,2092)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	19	0.72
(11,2092)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	19	0.72
(11,2092)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	19	0.72
(11,2092)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	19	0.72
(11,2092)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	19	0.72
(11,2092)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	19	0.72
(11,2087)	1:35:A:LEU:HD11	1:38:A:GLU:H	15	0.72
(11,2087)	1:35:A:LEU:HD12	1:38:A:GLU:H	15	0.72
(11,2087)	1:35:A:LEU:HD13	1:38:A:GLU:H	15	0.72
(11,2087)	1:35:A:LEU:HD21	1:38:A:GLU:H	15	0.72
(11,2087)	1:35:A:LEU:HD22	1:38:A:GLU:H	15	0.72
(11,2087)	1:35:A:LEU:HD23	1:38:A:GLU:H	15	0.72
(11,2075)	1:32:A:GLY:HA2	1:81:A:GLU:H	15	0.72
(11,2075)	1:32:A:GLY:HA3	1:81:A:GLU:H	15	0.72
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD11	10	0.72
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD12	10	0.72
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD13	10	0.72
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD21	10	0.72
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD22	10	0.72
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD23	10	0.72
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD11	10	0.72
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD12	10	0.72
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD13	10	0.72
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD21	10	0.72
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD22	10	0.72
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD23	10	0.72
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD11	10	0.72
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD12	10	0.72
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD13	10	0.72
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD21	10	0.72
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD22	10	0.72
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD23	10	0.72
(11,2015)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	19	0.72
(11,2015)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	19	0.72
(11,2015)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	19	0.72
(11,2015)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	19	0.72
(11,2015)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	19	0.72
(11,2015)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	19	0.72
(11,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	1	0.72
(11,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	1	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	1	0.72
(11,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	1	0.72
(11,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	1	0.72
(11,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	1	0.72
(11,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	1	0.72
(11,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	1	0.72
(11,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	1	0.72
(11,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	1	0.72
(11,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	1	0.72
(11,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	1	0.72
(11,1968)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	17	0.72
(11,1968)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	17	0.72
(11,1968)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	17	0.72
(11,1968)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	17	0.72
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD2	1	0.72
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD3	1	0.72
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD2	1	0.72
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD3	1	0.72
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD2	1	0.72
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD3	1	0.72
(11,1677)	1:98:A:ILE:H	1:102:A:PRO:HA	19	0.72
(11,1605)	1:58:A:ILE:HD11	1:61:A:SER:H	16	0.72
(11,1605)	1:58:A:ILE:HD12	1:61:A:SER:H	16	0.72
(11,1605)	1:58:A:ILE:HD13	1:61:A:SER:H	16	0.72
(11,1536)	1:69:A:MET:HE1	1:110:A:MET:H	5	0.72
(11,1536)	1:69:A:MET:HE2	1:110:A:MET:H	5	0.72
(11,1536)	1:69:A:MET:HE3	1:110:A:MET:H	5	0.72
(11,1425)	1:120:A:CYS:HA	1:121:A:VAL:HA	11	0.72
(11,1294)	1:44:A:GLU:HG2	1:45:A:ALA:HA	7	0.72
(11,1294)	1:44:A:GLU:HG2	1:45:A:ALA:HA	19	0.72
(11,1265)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	17	0.72
(11,1265)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	17	0.72
(11,1265)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	17	0.72
(11,1265)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	17	0.72
(11,1265)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	17	0.72
(11,1265)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	17	0.72
(11,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	13	0.72
(11,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	13	0.72
(11,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	13	0.72
(11,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	13	0.72
(11,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	13	0.72
(11,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	13	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1118)	1:146:A:GLN:HA	1:147:A:ARG:HG2	18	0.72
(11,1118)	1:146:A:GLN:HA	1:147:A:ARG:HG3	18	0.72
(11,949)	1:67:A:PRO:HA	1:70:A:LYS:HB2	2	0.72
(11,949)	1:67:A:PRO:HA	1:70:A:LYS:HB3	2	0.72
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	15	0.72
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	15	0.72
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	15	0.72
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	15	0.72
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	15	0.72
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	15	0.72
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	15	0.72
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	15	0.72
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	15	0.72
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	5	0.72
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	5	0.72
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	5	0.72
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	5	0.72
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	5	0.72
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	5	0.72
(11,343)	1:120:A:CYS:HA	1:123:A:CYS:H	2	0.72
(11,122)	1:78:A:HIS:HA	1:80:A:TYR:H	5	0.72
(11,119)	1:79:A:THR:H	1:80:A:TYR:H	4	0.72
(11,94)	1:95:A:ILE:HG21	1:97:A:ASP:H	8	0.72
(11,94)	1:95:A:ILE:HG22	1:97:A:ASP:H	8	0.72
(11,94)	1:95:A:ILE:HG23	1:97:A:ASP:H	8	0.72
(9,2059)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	2	0.72
(9,2059)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	2	0.72
(9,2059)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	2	0.72
(9,2059)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	2	0.72
(9,2059)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	2	0.72
(9,2059)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	2	0.72
(9,2001)	1:17:A:ASN:HD21	1:78:A:HIS:H	2	0.72
(9,2001)	1:17:A:ASN:HD22	1:78:A:HIS:H	2	0.72
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	2	0.72
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	2	0.72
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	2	0.72
(9,1826)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	16	0.72
(9,1826)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	16	0.72
(9,1826)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	17	0.72
(9,1826)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	17	0.72
(9,1511)	1:69:A:MET:HE1	1:110:A:MET:H	5	0.72
(9,1511)	1:69:A:MET:HE2	1:110:A:MET:H	5	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1511)	1:69:A:MET:HE3	1:110:A:MET:H	5	0.72
(9,1402)	1:60:A:LEU:HD21	1:120:A:CYS:HA	4	0.72
(9,1402)	1:60:A:LEU:HD22	1:120:A:CYS:HA	4	0.72
(9,1402)	1:60:A:LEU:HD23	1:120:A:CYS:HA	4	0.72
(9,1397)	1:120:A:CYS:HA	1:121:A:VAL:HA	11	0.72
(9,1275)	1:44:A:GLU:HG2	1:45:A:ALA:HA	7	0.72
(9,1275)	1:44:A:GLU:HG2	1:45:A:ALA:HA	19	0.72
(9,1255)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	3	0.72
(9,1255)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	3	0.72
(9,1255)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	3	0.72
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD21	2	0.72
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD22	2	0.72
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD23	2	0.72
(9,1170)	1:140:A:LEU:H	1:140:A:LEU:HD21	17	0.72
(9,1170)	1:140:A:LEU:H	1:140:A:LEU:HD22	17	0.72
(9,1170)	1:140:A:LEU:H	1:140:A:LEU:HD23	17	0.72
(9,1055)	1:43:A:MET:HB2	1:140:A:LEU:HG	19	0.72
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB2	3	0.72
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB3	3	0.72
(9,649)	1:79:A:THR:H	1:80:A:TYR:HD1	10	0.72
(9,649)	1:79:A:THR:H	1:80:A:TYR:HD2	10	0.72
(9,634)	1:59:A:CYS:H	1:60:A:LEU:HB3	8	0.72
(9,351)	1:120:A:CYS:HA	1:123:A:CYS:H	2	0.72
(9,118)	1:79:A:THR:H	1:80:A:TYR:H	4	0.72
(7,2319)	1:107:A:LEU:HD11	1:112:A:GLN:HA	5	0.72
(7,2319)	1:107:A:LEU:HD12	1:112:A:GLN:HA	5	0.72
(7,2319)	1:107:A:LEU:HD13	1:112:A:GLN:HA	5	0.72
(7,2319)	1:107:A:LEU:HD21	1:112:A:GLN:HA	5	0.72
(7,2319)	1:107:A:LEU:HD22	1:112:A:GLN:HA	5	0.72
(7,2319)	1:107:A:LEU:HD23	1:112:A:GLN:HA	5	0.72
(7,2301)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	17	0.72
(7,2301)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	17	0.72
(7,2269)	1:98:A:ILE:H	1:104:A:PHE:HB2	5	0.72
(7,2269)	1:98:A:ILE:H	1:104:A:PHE:HB3	5	0.72
(7,2206)	1:64:A:LYS:HB2	1:116:A:GLN:HG2	10	0.72
(7,2206)	1:64:A:LYS:HB2	1:116:A:GLN:HG3	10	0.72
(7,2206)	1:64:A:LYS:HB3	1:116:A:GLN:HG2	10	0.72
(7,2206)	1:64:A:LYS:HB3	1:116:A:GLN:HG3	10	0.72
(7,2197)	1:63:A:ILE:HG12	1:117:A:VAL:H	8	0.72
(7,2197)	1:63:A:ILE:HG13	1:117:A:VAL:H	8	0.72
(7,2194)	1:63:A:ILE:HG12	1:113:A:PHE:HE1	14	0.72
(7,2194)	1:63:A:ILE:HG12	1:113:A:PHE:HE2	14	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2194)	1:63:A:ILE:HG13	1:113:A:PHE:HE1	14	0.72
(7,2194)	1:63:A:ILE:HG13	1:113:A:PHE:HE2	14	0.72
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD1	19	0.72
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD2	19	0.72
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD1	19	0.72
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD2	19	0.72
(7,2138)	1:46:A:ASN:HD21	1:134:A:VAL:HA	7	0.72
(7,2138)	1:46:A:ASN:HD22	1:134:A:VAL:HA	7	0.72
(7,2121)	1:43:A:MET:HE1	1:46:A:ASN:HD21	17	0.72
(7,2121)	1:43:A:MET:HE1	1:46:A:ASN:HD22	17	0.72
(7,2121)	1:43:A:MET:HE2	1:46:A:ASN:HD21	17	0.72
(7,2121)	1:43:A:MET:HE2	1:46:A:ASN:HD22	17	0.72
(7,2121)	1:43:A:MET:HE3	1:46:A:ASN:HD21	17	0.72
(7,2121)	1:43:A:MET:HE3	1:46:A:ASN:HD22	17	0.72
(7,2050)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	2	0.72
(7,2050)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	2	0.72
(7,2050)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	2	0.72
(7,2050)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	2	0.72
(7,2050)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	2	0.72
(7,2050)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	2	0.72
(7,2042)	1:35:A:LEU:HD11	1:38:A:GLU:H	15	0.72
(7,2042)	1:35:A:LEU:HD12	1:38:A:GLU:H	15	0.72
(7,2042)	1:35:A:LEU:HD13	1:38:A:GLU:H	15	0.72
(7,2042)	1:35:A:LEU:HD21	1:38:A:GLU:H	15	0.72
(7,2042)	1:35:A:LEU:HD22	1:38:A:GLU:H	15	0.72
(7,2042)	1:35:A:LEU:HD23	1:38:A:GLU:H	15	0.72
(7,2026)	1:31:A:PRO:HD2	1:144:A:LEU:HA	1	0.72
(7,2026)	1:31:A:PRO:HD3	1:144:A:LEU:HA	1	0.72
(7,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	18	0.72
(7,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	18	0.72
(7,1795)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	2	0.72
(7,1795)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	2	0.72
(7,1774)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	10	0.72
(7,1774)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	10	0.72
(7,1774)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	10	0.72
(7,1774)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	10	0.72
(7,1614)	1:98:A:ILE:H	1:102:A:PRO:HA	19	0.72
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG21	6	0.72
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG22	6	0.72
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG23	6	0.72
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE1	12	0.72
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE2	12	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE3	12	0.72
(7,1394)	1:149:A:ALA:HB1	1:151:A:PHE:H	16	0.72
(7,1394)	1:149:A:ALA:HB2	1:151:A:PHE:H	16	0.72
(7,1394)	1:149:A:ALA:HB3	1:151:A:PHE:H	16	0.72
(7,1259)	1:44:A:GLU:HG2	1:45:A:ALA:HA	7	0.72
(7,1259)	1:44:A:GLU:HG2	1:45:A:ALA:HA	19	0.72
(7,1231)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	19	0.72
(7,1231)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	19	0.72
(7,1231)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	19	0.72
(7,1231)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	19	0.72
(7,1231)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	19	0.72
(7,1231)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	19	0.72
(7,1231)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	19	0.72
(7,1231)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	19	0.72
(7,1231)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	19	0.72
(7,1036)	1:43:A:MET:HB2	1:140:A:LEU:HG	19	0.72
(7,634)	1:59:A:CYS:H	1:60:A:LEU:HB2	12	0.72
(7,634)	1:59:A:CYS:H	1:60:A:LEU:HB2	15	0.72
(6,2149)	1:43:A:MET:HE1	1:46:A:ASN:HD21	17	0.72
(6,2149)	1:43:A:MET:HE1	1:46:A:ASN:HD22	17	0.72
(6,2149)	1:43:A:MET:HE2	1:46:A:ASN:HD21	17	0.72
(6,2149)	1:43:A:MET:HE2	1:46:A:ASN:HD22	17	0.72
(6,2149)	1:43:A:MET:HE3	1:46:A:ASN:HD21	17	0.72
(6,2149)	1:43:A:MET:HE3	1:46:A:ASN:HD22	17	0.72
(6,2028)	1:17:A:ASN:HD21	1:78:A:HIS:H	2	0.72
(6,2028)	1:17:A:ASN:HD22	1:78:A:HIS:H	2	0.72
(6,2025)	1:17:A:ASN:HB2	1:76:A:ARG:HA	2	0.72
(6,2025)	1:17:A:ASN:HB3	1:76:A:ARG:HA	2	0.72
(6,1924)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	11	0.72
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	2	0.72
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	2	0.72
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	2	0.72
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD2	13	0.72
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD3	13	0.72
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE1	12	0.72
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE2	12	0.72
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE3	12	0.72
(6,1401)	1:120:A:CYS:HA	1:121:A:VAL:HA	11	0.72
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	12	0.72
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	12	0.72
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	12	0.72
(6,1289)	1:14:A:VAL:HG11	1:61:A:SER:HA	17	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1289)	1:14:A:VAL:HG12	1:61:A:SER:HA	17	0.72
(6,1289)	1:14:A:VAL:HG13	1:61:A:SER:HA	17	0.72
(6,1265)	1:44:A:GLU:HG2	1:45:A:ALA:HA	7	0.72
(6,1265)	1:44:A:GLU:HG2	1:45:A:ALA:HA	19	0.72
(6,1159)	1:140:A:LEU:H	1:140:A:LEU:HD21	17	0.72
(6,1159)	1:140:A:LEU:H	1:140:A:LEU:HD22	17	0.72
(6,1159)	1:140:A:LEU:H	1:140:A:LEU:HD23	17	0.72
(6,832)	1:48:A:ARG:HD2	1:49:A:LYS:H	4	0.72
(6,832)	1:48:A:ARG:HD3	1:49:A:LYS:H	4	0.72
(6,630)	1:59:A:CYS:H	1:60:A:LEU:HB3	8	0.72
(6,483)	1:98:A:ILE:H	1:105:A:LYS:H	5	0.72
(6,338)	1:120:A:CYS:HA	1:123:A:CYS:H	2	0.72
(5,2059)	1:35:A:LEU:HD11	1:38:A:GLU:H	15	0.72
(5,2059)	1:35:A:LEU:HD12	1:38:A:GLU:H	15	0.72
(5,2059)	1:35:A:LEU:HD13	1:38:A:GLU:H	15	0.72
(5,2059)	1:35:A:LEU:HD21	1:38:A:GLU:H	15	0.72
(5,2059)	1:35:A:LEU:HD22	1:38:A:GLU:H	15	0.72
(5,2059)	1:35:A:LEU:HD23	1:38:A:GLU:H	15	0.72
(5,2029)	1:23:A:LEU:HD11	1:27:A:ARG:HA	4	0.72
(5,2029)	1:23:A:LEU:HD12	1:27:A:ARG:HA	4	0.72
(5,2029)	1:23:A:LEU:HD13	1:27:A:ARG:HA	4	0.72
(5,2029)	1:23:A:LEU:HD21	1:27:A:ARG:HA	4	0.72
(5,2029)	1:23:A:LEU:HD22	1:27:A:ARG:HA	4	0.72
(5,2029)	1:23:A:LEU:HD23	1:27:A:ARG:HA	4	0.72
(5,1884)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	18	0.72
(5,1656)	1:98:A:ILE:H	1:102:A:PRO:HA	19	0.72
(5,1589)	1:58:A:ILE:HD11	1:61:A:SER:H	16	0.72
(5,1589)	1:58:A:ILE:HD12	1:61:A:SER:H	16	0.72
(5,1589)	1:58:A:ILE:HD13	1:61:A:SER:H	16	0.72
(5,1426)	1:120:A:CYS:HA	1:121:A:VAL:HA	11	0.72
(5,1264)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	19	0.72
(5,1264)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	19	0.72
(5,1264)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	19	0.72
(5,1264)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	19	0.72
(5,1264)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	19	0.72
(5,1264)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	19	0.72
(5,1264)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	19	0.72
(5,1264)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	19	0.72
(5,1264)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	19	0.72
(5,990)	1:12:A:VAL:HB	1:43:A:MET:HE1	11	0.72
(5,990)	1:12:A:VAL:HB	1:43:A:MET:HE2	11	0.72
(5,990)	1:12:A:VAL:HB	1:43:A:MET:HE3	11	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,977)	1:47:A:ALA:HB1	1:134:A:VAL:HB	14	0.72
(5,977)	1:47:A:ALA:HB2	1:134:A:VAL:HB	14	0.72
(5,977)	1:47:A:ALA:HB3	1:134:A:VAL:HB	14	0.72
(5,960)	1:11:A:ILE:HG12	1:43:A:MET:HB2	6	0.72
(5,936)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	14	0.72
(5,936)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	14	0.72
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	19	0.72
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	19	0.72
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	19	0.72
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	19	0.72
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	19	0.72
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	19	0.72
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	15	0.72
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	15	0.72
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	15	0.72
(5,636)	1:59:A:CYS:H	1:60:A:LEU:HB2	12	0.72
(5,636)	1:59:A:CYS:H	1:60:A:LEU:HB2	15	0.72
(5,367)	1:41:A:LYS:H	1:44:A:GLU:HG3	5	0.72
(5,334)	1:120:A:CYS:HA	1:123:A:CYS:H	2	0.72
(5,228)	1:112:A:GLN:HG2	1:114:A:ILE:H	16	0.72
(5,228)	1:112:A:GLN:HG3	1:114:A:ILE:H	16	0.72
(5,52)	1:47:A:ALA:H	1:134:A:VAL:HG11	9	0.72
(5,52)	1:47:A:ALA:H	1:134:A:VAL:HG12	9	0.72
(5,52)	1:47:A:ALA:H	1:134:A:VAL:HG13	9	0.72
(4,1806)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	2	0.72
(4,1806)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	2	0.72
(4,1787)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	10	0.72
(4,1787)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	10	0.72
(4,1787)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	10	0.72
(4,1787)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	10	0.72
(4,1743)	1:141:A:LYS:HA	1:149:A:ALA:H	4	0.72
(4,1618)	1:98:A:ILE:H	1:102:A:PRO:HA	19	0.72
(4,1496)	1:69:A:MET:HE1	1:110:A:MET:H	5	0.72
(4,1496)	1:69:A:MET:HE2	1:110:A:MET:H	5	0.72
(4,1496)	1:69:A:MET:HE3	1:110:A:MET:H	5	0.72
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	8	0.72
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	8	0.72
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	8	0.72
(4,1386)	1:120:A:CYS:HA	1:121:A:VAL:HA	11	0.72
(4,1236)	1:23:A:LEU:HD11	1:25:A:ALA:H	15	0.72
(4,1236)	1:23:A:LEU:HD12	1:25:A:ALA:H	15	0.72
(4,1236)	1:23:A:LEU:HD13	1:25:A:ALA:H	15	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1223)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	17	0.72
(4,1223)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	17	0.72
(4,1223)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	17	0.72
(4,1223)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	17	0.72
(4,1223)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	17	0.72
(4,1223)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	17	0.72
(4,1185)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	13	0.72
(4,1185)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	13	0.72
(4,1185)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	13	0.72
(4,1185)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	13	0.72
(4,1185)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	13	0.72
(4,1185)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	13	0.72
(4,837)	1:48:A:ARG:HD2	1:49:A:LYS:H	4	0.72
(4,837)	1:48:A:ARG:HD3	1:49:A:LYS:H	4	0.72
(4,644)	1:79:A:THR:H	1:80:A:TYR:HD1	10	0.72
(4,644)	1:79:A:THR:H	1:80:A:TYR:HD2	10	0.72
(4,625)	1:59:A:CYS:H	1:60:A:LEU:HB2	12	0.72
(4,625)	1:59:A:CYS:H	1:60:A:LEU:HB2	15	0.72
(4,610)	1:23:A:LEU:HD21	1:25:A:ALA:H	8	0.72
(4,610)	1:23:A:LEU:HD22	1:25:A:ALA:H	8	0.72
(4,610)	1:23:A:LEU:HD23	1:25:A:ALA:H	8	0.72
(4,329)	1:120:A:CYS:HA	1:123:A:CYS:H	2	0.72
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE1	15	0.72
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE2	15	0.72
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE3	15	0.72
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE1	15	0.72
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE2	15	0.72
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE3	15	0.72
(3,2232)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	1	0.72
(3,2232)	1:60:A:LEU:HD11	1:122:A:ASP:HB3	1	0.72
(3,2232)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	1	0.72
(3,2232)	1:60:A:LEU:HD12	1:122:A:ASP:HB3	1	0.72
(3,2232)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	1	0.72
(3,2232)	1:60:A:LEU:HD13	1:122:A:ASP:HB3	1	0.72
(3,2232)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	1	0.72
(3,2232)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	1	0.72
(3,2232)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	1	0.72
(3,2232)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	1	0.72
(3,2232)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	1	0.72
(3,2232)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	1	0.72
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD11	5	0.72
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD12	5	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD13	5	0.72
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD21	5	0.72
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD22	5	0.72
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD23	5	0.72
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG21	9	0.72
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG22	9	0.72
(3,2046)	1:17:A:ASN:HD21	1:79:A:THR:HG23	9	0.72
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG21	9	0.72
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG22	9	0.72
(3,2046)	1:17:A:ASN:HD22	1:79:A:THR:HG23	9	0.72
(3,2042)	1:17:A:ASN:HB2	1:76:A:ARG:HA	2	0.72
(3,2042)	1:17:A:ASN:HB3	1:76:A:ARG:HA	2	0.72
(3,1940)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	11	0.72
(3,1893)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	3	0.72
(3,1893)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	3	0.72
(3,1673)	1:98:A:ILE:H	1:102:A:PRO:HA	19	0.72
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	5	0.72
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	5	0.72
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	5	0.72
(3,1539)	1:69:A:MET:HE1	1:110:A:MET:H	5	0.72
(3,1539)	1:69:A:MET:HE2	1:110:A:MET:H	5	0.72
(3,1539)	1:69:A:MET:HE3	1:110:A:MET:H	5	0.72
(3,1481)	1:13:A:ALA:HB1	1:78:A:HIS:HA	17	0.72
(3,1481)	1:13:A:ALA:HB2	1:78:A:HIS:HA	17	0.72
(3,1481)	1:13:A:ALA:HB3	1:78:A:HIS:HA	17	0.72
(3,1429)	1:120:A:CYS:HA	1:121:A:VAL:HA	11	0.72
(3,1302)	1:44:A:GLU:HG2	1:45:A:ALA:HA	7	0.72
(3,1302)	1:44:A:GLU:HG2	1:45:A:ALA:HA	19	0.72
(3,1006)	1:12:A:VAL:HB	1:43:A:MET:HE1	11	0.72
(3,1006)	1:12:A:VAL:HB	1:43:A:MET:HE2	11	0.72
(3,1006)	1:12:A:VAL:HB	1:43:A:MET:HE3	11	0.72
(3,990)	1:47:A:ALA:HB1	1:134:A:VAL:HB	5	0.72
(3,990)	1:47:A:ALA:HB2	1:134:A:VAL:HB	5	0.72
(3,990)	1:47:A:ALA:HB3	1:134:A:VAL:HB	5	0.72
(3,960)	1:67:A:PRO:HA	1:70:A:LYS:HB2	2	0.72
(3,960)	1:67:A:PRO:HA	1:70:A:LYS:HB3	2	0.72
(3,887)	1:21:A:THR:HG21	1:24:A:ASP:HB2	7	0.72
(3,887)	1:21:A:THR:HG21	1:24:A:ASP:HB3	7	0.72
(3,887)	1:21:A:THR:HG22	1:24:A:ASP:HB2	7	0.72
(3,887)	1:21:A:THR:HG22	1:24:A:ASP:HB3	7	0.72
(3,887)	1:21:A:THR:HG23	1:24:A:ASP:HB2	7	0.72
(3,887)	1:21:A:THR:HG23	1:24:A:ASP:HB3	7	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,857)	1:48:A:ARG:HD2	1:49:A:LYS:H	4	0.72
(3,857)	1:48:A:ARG:HD3	1:49:A:LYS:H	4	0.72
(3,659)	1:79:A:THR:H	1:80:A:TYR:HD1	10	0.72
(3,659)	1:79:A:THR:H	1:80:A:TYR:HD2	10	0.72
(3,643)	1:59:A:CYS:H	1:60:A:LEU:HB2	12	0.72
(3,643)	1:59:A:CYS:H	1:60:A:LEU:HB2	15	0.72
(3,342)	1:120:A:CYS:HA	1:123:A:CYS:H	2	0.72
(3,118)	1:79:A:THR:H	1:80:A:TYR:H	4	0.72
(2,2337)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	17	0.72
(2,2337)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	17	0.72
(2,2149)	1:41:A:LYS:H	1:44:A:GLU:HG2	9	0.72
(2,2149)	1:41:A:LYS:H	1:44:A:GLU:HG3	9	0.72
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE1	19	0.72
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE2	19	0.72
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE3	19	0.72
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE1	19	0.72
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE2	19	0.72
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE3	19	0.72
(2,1932)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	17	0.72
(2,1932)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	17	0.72
(2,1932)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	17	0.72
(2,1932)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	17	0.72
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB2	17	0.72
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB3	17	0.72
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB2	17	0.72
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB3	17	0.72
(2,1781)	1:141:A:LYS:HA	1:149:A:ALA:H	4	0.72
(2,1660)	1:98:A:ILE:H	1:102:A:PRO:HA	19	0.72
(2,1608)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	15	0.72
(2,1608)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	15	0.72
(2,1608)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	15	0.72
(2,1608)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	15	0.72
(2,1608)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	15	0.72
(2,1608)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	15	0.72
(2,1608)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	15	0.72
(2,1608)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	15	0.72
(2,1608)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	15	0.72
(2,1516)	1:69:A:MET:HE1	1:110:A:MET:H	5	0.72
(2,1516)	1:69:A:MET:HE2	1:110:A:MET:H	5	0.72
(2,1516)	1:69:A:MET:HE3	1:110:A:MET:H	5	0.72
(2,1408)	1:120:A:CYS:HA	1:121:A:VAL:HA	11	0.72
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG21	9	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG22	9	0.72
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG23	9	0.72
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG11	9	0.72
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG12	9	0.72
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG13	9	0.72
(2,1256)	1:23:A:LEU:HD11	1:25:A:ALA:H	15	0.72
(2,1256)	1:23:A:LEU:HD12	1:25:A:ALA:H	15	0.72
(2,1256)	1:23:A:LEU:HD13	1:25:A:ALA:H	15	0.72
(2,820)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	5	0.72
(2,820)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	5	0.72
(2,820)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	5	0.72
(2,820)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	5	0.72
(2,820)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	5	0.72
(2,820)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	5	0.72
(2,617)	1:23:A:LEU:HD21	1:25:A:ALA:H	8	0.72
(2,617)	1:23:A:LEU:HD22	1:25:A:ALA:H	8	0.72
(2,617)	1:23:A:LEU:HD23	1:25:A:ALA:H	8	0.72
(2,337)	1:120:A:CYS:HA	1:123:A:CYS:H	2	0.72
(2,89)	1:96:A:VAL:H	1:97:A:ASP:H	18	0.72
(2,54)	1:47:A:ALA:H	1:134:A:VAL:HG21	11	0.72
(2,54)	1:47:A:ALA:H	1:134:A:VAL:HG22	11	0.72
(2,54)	1:47:A:ALA:H	1:134:A:VAL:HG23	11	0.72
(1,2269)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	1	0.72
(1,2269)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	1	0.72
(1,2269)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	1	0.72
(1,2269)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	1	0.72
(1,2269)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	1	0.72
(1,2269)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	1	0.72
(1,2269)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	1	0.72
(1,2269)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	1	0.72
(1,2269)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	1	0.72
(1,2269)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	1	0.72
(1,2269)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	1	0.72
(1,2269)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	1	0.72
(1,2078)	1:35:A:LEU:HD11	1:144:A:LEU:H	16	0.72
(1,2078)	1:35:A:LEU:HD12	1:144:A:LEU:H	16	0.72
(1,2078)	1:35:A:LEU:HD13	1:144:A:LEU:H	16	0.72
(1,2078)	1:35:A:LEU:HD21	1:144:A:LEU:H	16	0.72
(1,2078)	1:35:A:LEU:HD22	1:144:A:LEU:H	16	0.72
(1,2078)	1:35:A:LEU:HD23	1:144:A:LEU:H	16	0.72
(1,2058)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	7	0.72
(1,2058)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	7	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2058)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	7	0.72
(1,2058)	1:31:A:PRO:HD2	1:144:A:LEU:HD21	7	0.72
(1,2058)	1:31:A:PRO:HD2	1:144:A:LEU:HD22	7	0.72
(1,2058)	1:31:A:PRO:HD2	1:144:A:LEU:HD23	7	0.72
(1,2058)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	7	0.72
(1,2058)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	7	0.72
(1,2058)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	7	0.72
(1,2058)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	7	0.72
(1,2058)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	7	0.72
(1,2058)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	7	0.72
(1,2057)	1:31:A:PRO:HD2	1:144:A:LEU:HA	1	0.72
(1,2057)	1:31:A:PRO:HD3	1:144:A:LEU:HA	1	0.72
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	19	0.72
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	19	0.72
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	19	0.72
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	19	0.72
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	19	0.72
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	19	0.72
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE1	2	0.72
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE2	2	0.72
(1,1652)	1:98:A:ILE:H	1:102:A:PRO:HA	19	0.72
(1,1595)	1:98:A:ILE:HD11	1:115:A:ALA:H	3	0.72
(1,1595)	1:98:A:ILE:HD12	1:115:A:ALA:H	3	0.72
(1,1595)	1:98:A:ILE:HD13	1:115:A:ALA:H	3	0.72
(1,1530)	1:69:A:MET:HE1	1:110:A:MET:H	5	0.72
(1,1530)	1:69:A:MET:HE2	1:110:A:MET:H	5	0.72
(1,1530)	1:69:A:MET:HE3	1:110:A:MET:H	5	0.72
(1,1409)	1:120:A:CYS:HA	1:121:A:VAL:HA	11	0.72
(1,1376)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	11	0.72
(1,1376)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	11	0.72
(1,1376)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	11	0.72
(1,1256)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	19	0.72
(1,1256)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	19	0.72
(1,1256)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	19	0.72
(1,1256)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	19	0.72
(1,1256)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	19	0.72
(1,1256)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	19	0.72
(1,1256)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	19	0.72
(1,1256)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	19	0.72
(1,1256)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	19	0.72
(1,1247)	1:40:A:LEU:HD11	1:44:A:GLU:H	17	0.72
(1,1247)	1:40:A:LEU:HD12	1:44:A:GLU:H	17	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1247)	1:40:A:LEU:HD13	1:44:A:GLU:H	17	0.72
(1,964)	1:67:A:PRO:HA	1:70:A:LYS:HB2	2	0.72
(1,964)	1:67:A:PRO:HA	1:70:A:LYS:HB3	2	0.72
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG21	18	0.72
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG22	18	0.72
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG23	18	0.72
(1,934)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	3	0.72
(1,934)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	3	0.72
(1,888)	1:21:A:THR:HG21	1:24:A:ASP:HB2	7	0.72
(1,888)	1:21:A:THR:HG21	1:24:A:ASP:HB3	7	0.72
(1,888)	1:21:A:THR:HG22	1:24:A:ASP:HB2	7	0.72
(1,888)	1:21:A:THR:HG22	1:24:A:ASP:HB3	7	0.72
(1,888)	1:21:A:THR:HG23	1:24:A:ASP:HB2	7	0.72
(1,888)	1:21:A:THR:HG23	1:24:A:ASP:HB3	7	0.72
(1,727)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	15	0.72
(1,727)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	15	0.72
(1,727)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	15	0.72
(1,660)	1:79:A:THR:H	1:80:A:TYR:HD1	10	0.72
(1,660)	1:79:A:THR:H	1:80:A:TYR:HD2	10	0.72
(1,642)	1:59:A:CYS:H	1:60:A:LEU:HB2	12	0.72
(1,642)	1:59:A:CYS:H	1:60:A:LEU:HB2	15	0.72
(1,345)	1:120:A:CYS:HA	1:123:A:CYS:H	2	0.72
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD1	2	0.72
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD2	2	0.72
(34,2278)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	14	0.71
(34,2278)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	14	0.71
(34,2207)	1:60:A:LEU:HG	1:61:A:SER:HB2	4	0.71
(34,2207)	1:60:A:LEU:HG	1:61:A:SER:HB3	4	0.71
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE1	17	0.71
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE2	17	0.71
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE3	17	0.71
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE1	17	0.71
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE2	17	0.71
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE3	17	0.71
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE1	17	0.71
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE2	17	0.71
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE3	17	0.71
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE1	17	0.71
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE2	17	0.71
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE3	17	0.71
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE1	17	0.71
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE2	17	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE3	17	0.71
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE1	17	0.71
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE2	17	0.71
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE3	17	0.71
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD11	12	0.71
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD12	12	0.71
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD13	12	0.71
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD21	12	0.71
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD22	12	0.71
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD23	12	0.71
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	15	0.71
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	15	0.71
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	15	0.71
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	15	0.71
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	15	0.71
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	15	0.71
(34,1935)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	10	0.71
(34,1935)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	10	0.71
(34,1918)	1:13:A:ALA:H	1:80:A:TYR:HE1	16	0.71
(34,1918)	1:13:A:ALA:H	1:80:A:TYR:HE2	16	0.71
(34,1661)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	15	0.71
(34,1661)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	15	0.71
(34,1661)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	15	0.71
(34,1633)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	1	0.71
(34,1633)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	1	0.71
(34,1633)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	1	0.71
(34,1633)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	1	0.71
(34,1633)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	1	0.71
(34,1633)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	1	0.71
(34,1613)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	14	0.71
(34,1613)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	14	0.71
(34,1613)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	14	0.71
(34,1613)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	14	0.71
(34,1613)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	14	0.71
(34,1613)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	14	0.71
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE1	12	0.71
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE2	12	0.71
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE3	12	0.71
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG21	8	0.71
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG22	8	0.71
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG23	8	0.71
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG21	16	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG22	16	0.71
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG23	16	0.71
(34,940)	1:125:A:THR:HB	1:128:A:LEU:HB2	5	0.71
(34,807)	1:55:A:GLY:H	1:58:A:ILE:HD11	12	0.71
(34,807)	1:55:A:GLY:H	1:58:A:ILE:HD12	12	0.71
(34,807)	1:55:A:GLY:H	1:58:A:ILE:HD13	12	0.71
(34,661)	1:79:A:THR:H	1:80:A:TYR:HD1	11	0.71
(34,661)	1:79:A:THR:H	1:80:A:TYR:HD2	11	0.71
(34,643)	1:59:A:CYS:H	1:60:A:LEU:HB3	1	0.71
(34,497)	1:98:A:ILE:H	1:105:A:LYS:H	5	0.71
(34,236)	1:44:A:GLU:HG3	1:48:A:ARG:H	19	0.71
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD11	6	0.71
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD12	6	0.71
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD13	6	0.71
(33,2149)	1:43:A:MET:HG2	1:134:A:VAL:HG11	13	0.71
(33,2149)	1:43:A:MET:HG2	1:134:A:VAL:HG12	13	0.71
(33,2149)	1:43:A:MET:HG2	1:134:A:VAL:HG13	13	0.71
(33,2149)	1:43:A:MET:HG2	1:134:A:VAL:HG21	13	0.71
(33,2149)	1:43:A:MET:HG2	1:134:A:VAL:HG22	13	0.71
(33,2149)	1:43:A:MET:HG2	1:134:A:VAL:HG23	13	0.71
(33,2149)	1:43:A:MET:HG3	1:134:A:VAL:HG11	13	0.71
(33,2149)	1:43:A:MET:HG3	1:134:A:VAL:HG12	13	0.71
(33,2149)	1:43:A:MET:HG3	1:134:A:VAL:HG13	13	0.71
(33,2149)	1:43:A:MET:HG3	1:134:A:VAL:HG21	13	0.71
(33,2149)	1:43:A:MET:HG3	1:134:A:VAL:HG22	13	0.71
(33,2149)	1:43:A:MET:HG3	1:134:A:VAL:HG23	13	0.71
(33,1908)	1:13:A:ALA:H	1:80:A:TYR:HE1	16	0.71
(33,1908)	1:13:A:ALA:H	1:80:A:TYR:HE2	16	0.71
(33,1841)	1:13:A:ALA:HA	1:80:A:TYR:HE1	16	0.71
(33,1841)	1:13:A:ALA:HA	1:80:A:TYR:HE2	16	0.71
(33,1823)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	12	0.71
(33,1823)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	12	0.71
(33,1823)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	12	0.71
(33,1823)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	12	0.71
(33,1823)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	12	0.71
(33,1823)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	12	0.71
(33,1823)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	13	0.71
(33,1823)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	13	0.71
(33,1823)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	13	0.71
(33,1823)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	13	0.71
(33,1823)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	13	0.71
(33,1823)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	13	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1788)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	14	0.71
(33,1788)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	14	0.71
(33,1788)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	14	0.71
(33,1788)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	14	0.71
(33,1567)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	4	0.71
(33,1567)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	4	0.71
(33,1567)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	4	0.71
(33,1567)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	4	0.71
(33,1567)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	4	0.71
(33,1567)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	4	0.71
(33,1567)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	4	0.71
(33,1567)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	4	0.71
(33,1567)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	4	0.71
(33,1082)	1:45:A:ALA:HA	1:48:A:ARG:HG2	7	0.71
(33,1082)	1:45:A:ALA:HA	1:48:A:ARG:HG3	7	0.71
(33,956)	1:40:A:LEU:HA	1:43:A:MET:HG2	5	0.71
(33,956)	1:40:A:LEU:HA	1:43:A:MET:HG2	15	0.71
(33,742)	1:105:A:LYS:HG3	1:112:A:GLN:HE22	6	0.71
(33,635)	1:59:A:CYS:H	1:60:A:LEU:HB2	7	0.71
(32,2275)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	14	0.71
(32,2275)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	14	0.71
(32,2263)	1:74:A:PRO:HA	1:77:A:CYS:HB2	12	0.71
(32,2263)	1:74:A:PRO:HA	1:77:A:CYS:HB3	12	0.71
(32,1937)	1:12:A:VAL:HG11	1:43:A:MET:H	13	0.71
(32,1937)	1:12:A:VAL:HG12	1:43:A:MET:H	13	0.71
(32,1937)	1:12:A:VAL:HG13	1:43:A:MET:H	13	0.71
(32,1937)	1:12:A:VAL:HG21	1:43:A:MET:H	13	0.71
(32,1937)	1:12:A:VAL:HG22	1:43:A:MET:H	13	0.71
(32,1937)	1:12:A:VAL:HG23	1:43:A:MET:H	13	0.71
(32,1872)	1:13:A:ALA:H	1:80:A:TYR:HE1	16	0.71
(32,1872)	1:13:A:ALA:H	1:80:A:TYR:HE2	16	0.71
(32,1811)	1:13:A:ALA:HA	1:80:A:TYR:HE1	4	0.71
(32,1811)	1:13:A:ALA:HA	1:80:A:TYR:HE2	4	0.71
(32,1559)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	14	0.71
(32,1559)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	14	0.71
(32,1559)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	14	0.71
(32,1559)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	14	0.71
(32,1559)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	14	0.71
(32,1559)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	14	0.71
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	12	0.71
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	12	0.71
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	12	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	12	0.71
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	12	0.71
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	12	0.71
(32,1525)	1:11:A:ILE:HD11	1:43:A:MET:H	2	0.71
(32,1525)	1:11:A:ILE:HD12	1:43:A:MET:H	2	0.71
(32,1525)	1:11:A:ILE:HD13	1:43:A:MET:H	2	0.71
(32,1444)	1:101:A:ILE:HG21	1:104:A:PHE:HA	19	0.71
(32,1444)	1:101:A:ILE:HG22	1:104:A:PHE:HA	19	0.71
(32,1444)	1:101:A:ILE:HG23	1:104:A:PHE:HA	19	0.71
(32,1239)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	12	0.71
(32,1239)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	12	0.71
(32,1239)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	12	0.71
(32,1239)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	12	0.71
(32,1239)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	12	0.71
(32,1239)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	12	0.71
(32,1239)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	13	0.71
(32,1239)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	13	0.71
(32,1239)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	13	0.71
(32,1239)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	13	0.71
(32,1239)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	13	0.71
(32,1239)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	13	0.71
(32,1177)	1:69:A:MET:HE1	1:110:A:MET:HA	5	0.71
(32,1177)	1:69:A:MET:HE2	1:110:A:MET:HA	5	0.71
(32,1177)	1:69:A:MET:HE3	1:110:A:MET:HA	5	0.71
(32,1157)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	17	0.71
(32,1157)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	17	0.71
(32,1157)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	17	0.71
(32,1157)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	17	0.71
(32,1157)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	17	0.71
(32,1157)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	17	0.71
(32,1157)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	19	0.71
(32,1157)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	19	0.71
(32,1157)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	19	0.71
(32,1157)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	19	0.71
(32,1157)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	19	0.71
(32,1157)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	19	0.71
(32,1032)	1:71:A:LYS:HG3	1:72:A:PHE:HA	2	0.71
(32,799)	1:98:A:ILE:HD11	1:101:A:ILE:HB	5	0.71
(32,799)	1:98:A:ILE:HD12	1:101:A:ILE:HB	5	0.71
(32,799)	1:98:A:ILE:HD13	1:101:A:ILE:HB	5	0.71
(32,622)	1:59:A:CYS:H	1:60:A:LEU:HB2	7	0.71
(30,2286)	1:79:A:THR:HG21	1:81:A:GLU:HB2	17	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2286)	1:79:A:THR:HG21	1:81:A:GLU:HB3	17	0.71
(30,2286)	1:79:A:THR:HG22	1:81:A:GLU:HB2	17	0.71
(30,2286)	1:79:A:THR:HG22	1:81:A:GLU:HB3	17	0.71
(30,2286)	1:79:A:THR:HG23	1:81:A:GLU:HB2	17	0.71
(30,2286)	1:79:A:THR:HG23	1:81:A:GLU:HB3	17	0.71
(30,1599)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	14	0.71
(30,1599)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	14	0.71
(30,1599)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	14	0.71
(30,1599)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	14	0.71
(30,1599)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	14	0.71
(30,1599)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	14	0.71
(30,1347)	1:141:A:LYS:HB2	1:149:A:ALA:HA	8	0.71
(30,1347)	1:141:A:LYS:HB3	1:149:A:ALA:HA	8	0.71
(30,1342)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	12	0.71
(30,1342)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	12	0.71
(30,1342)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	12	0.71
(30,1342)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	12	0.71
(30,1342)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	12	0.71
(30,1342)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	12	0.71
(30,1342)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	13	0.71
(30,1342)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	13	0.71
(30,1342)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	13	0.71
(30,1342)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	13	0.71
(30,1342)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	13	0.71
(30,1342)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	13	0.71
(30,1207)	1:69:A:MET:HE1	1:110:A:MET:HA	5	0.71
(30,1207)	1:69:A:MET:HE2	1:110:A:MET:HA	5	0.71
(30,1207)	1:69:A:MET:HE3	1:110:A:MET:HA	5	0.71
(30,1087)	1:136:A:CYS:HB3	1:141:A:LYS:HA	15	0.71
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	13	0.71
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	13	0.71
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	13	0.71
(30,687)	1:145:A:PRO:HB3	1:148:A:CYS:H	5	0.71
(30,634)	1:59:A:CYS:H	1:60:A:LEU:HB2	7	0.71
(30,629)	1:9:A:PHE:HZ	1:58:A:ILE:H	1	0.71
(29,1929)	1:13:A:ALA:H	1:80:A:TYR:HE1	16	0.71
(29,1929)	1:13:A:ALA:H	1:80:A:TYR:HE2	16	0.71
(29,1809)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	19	0.71
(29,1809)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	19	0.71
(29,1809)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	19	0.71
(29,1809)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	19	0.71
(29,1809)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	19	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1809)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	19	0.71
(29,1809)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	19	0.71
(29,1809)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	19	0.71
(29,1809)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	19	0.71
(29,1809)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	19	0.71
(29,1809)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	19	0.71
(29,1809)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	19	0.71
(29,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	14	0.71
(29,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	14	0.71
(29,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	14	0.71
(29,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	14	0.71
(29,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	14	0.71
(29,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	14	0.71
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	6	0.71
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	6	0.71
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	6	0.71
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	6	0.71
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	6	0.71
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	6	0.71
(29,1492)	1:101:A:ILE:HG21	1:104:A:PHE:HA	19	0.71
(29,1492)	1:101:A:ILE:HG22	1:104:A:PHE:HA	19	0.71
(29,1492)	1:101:A:ILE:HG23	1:104:A:PHE:HA	19	0.71
(29,1372)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	15	0.71
(29,1372)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	15	0.71
(29,1372)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	15	0.71
(29,1281)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	12	0.71
(29,1281)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	12	0.71
(29,1281)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	12	0.71
(29,1281)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	12	0.71
(29,1281)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	12	0.71
(29,1281)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	12	0.71
(29,1281)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	13	0.71
(29,1281)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	13	0.71
(29,1281)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	13	0.71
(29,1281)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	13	0.71
(29,1281)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	13	0.71
(29,1281)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	13	0.71
(29,1219)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	13	0.71
(29,1219)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	13	0.71
(29,1219)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	13	0.71
(29,1005)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	7	0.71
(29,1005)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	7	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,714)	1:23:A:LEU:HB2	1:27:A:ARG:HE	10	0.71
(29,714)	1:23:A:LEU:HB3	1:27:A:ARG:HE	10	0.71
(29,658)	1:79:A:THR:H	1:80:A:TYR:HD1	11	0.71
(29,658)	1:79:A:THR:H	1:80:A:TYR:HD2	11	0.71
(29,641)	1:59:A:CYS:H	1:60:A:LEU:HB2	7	0.71
(29,279)	1:113:A:PHE:H	1:116:A:GLN:HG3	16	0.71
(23,19)	1:120:A:CYS:N	1:116:A:GLN:O	3	0.71
(23,12)	1:113:A:PHE:N	1:109:A:PRO:O	2	0.71
(23,12)	1:113:A:PHE:N	1:109:A:PRO:O	3	0.71
(23,12)	1:113:A:PHE:N	1:109:A:PRO:O	14	0.71
(23,10)	1:101:A:ILE:N	1:98:A:ILE:O	6	0.71
(23,10)	1:101:A:ILE:N	1:98:A:ILE:O	12	0.71
(22,40)	1:128:A:LEU:N	1:124:A:THR:C	18	0.71
(22,39)	1:128:A:LEU:H	1:124:A:THR:C	4	0.71
(22,36)	1:119:A:LEU:N	1:115:A:ALA:C	5	0.71
(22,36)	1:119:A:LEU:N	1:115:A:ALA:C	16	0.71
(22,32)	1:117:A:VAL:N	1:113:A:PHE:C	1	0.71
(22,31)	1:117:A:VAL:H	1:113:A:PHE:C	3	0.71
(22,31)	1:117:A:VAL:H	1:113:A:PHE:C	11	0.71
(22,30)	1:116:A:GLN:N	1:112:A:GLN:C	17	0.71
(22,21)	1:107:A:LEU:H	1:103:A:ARG:C	3	0.71
(22,9)	1:58:A:ILE:H	1:54:A:ARG:C	18	0.71
(19,7)	1:123:A:CYS:SG	1:56:A:CYS:CB	7	0.71
(18,2208)	1:57:A:LEU:HG	1:60:A:LEU:HD11	6	0.71
(18,2208)	1:57:A:LEU:HG	1:60:A:LEU:HD12	6	0.71
(18,2208)	1:57:A:LEU:HG	1:60:A:LEU:HD13	6	0.71
(18,2208)	1:57:A:LEU:HG	1:60:A:LEU:HD21	6	0.71
(18,2208)	1:57:A:LEU:HG	1:60:A:LEU:HD22	6	0.71
(18,2208)	1:57:A:LEU:HG	1:60:A:LEU:HD23	6	0.71
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD11	14	0.71
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD12	14	0.71
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD13	14	0.71
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD21	14	0.71
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD22	14	0.71
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD23	14	0.71
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	7	0.71
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	7	0.71
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	7	0.71
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	7	0.71
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	7	0.71
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	7	0.71
(18,1943)	1:10:A:ASN:HD21	1:80:A:TYR:H	17	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1943)	1:10:A:ASN:HD22	1:80:A:TYR:H	17	0.71
(18,1901)	1:13:A:ALA:H	1:80:A:TYR:HE1	16	0.71
(18,1901)	1:13:A:ALA:H	1:80:A:TYR:HE2	16	0.71
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	7	0.71
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	7	0.71
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	7	0.71
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	7	0.71
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	7	0.71
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	7	0.71
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	7	0.71
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	7	0.71
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	7	0.71
(18,1770)	1:13:A:ALA:HA	1:80:A:TYR:HD1	17	0.71
(18,1770)	1:13:A:ALA:HA	1:80:A:TYR:HD2	17	0.71
(18,1583)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	14	0.71
(18,1583)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	14	0.71
(18,1583)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	14	0.71
(18,1583)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	14	0.71
(18,1583)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	14	0.71
(18,1583)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	14	0.71
(18,1564)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	4	0.71
(18,1564)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	4	0.71
(18,1564)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	4	0.71
(18,1564)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	4	0.71
(18,1564)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	4	0.71
(18,1564)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	4	0.71
(18,1564)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	4	0.71
(18,1564)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	4	0.71
(18,1564)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	4	0.71
(18,1531)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	4	0.71
(18,1531)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	4	0.71
(18,1531)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	4	0.71
(18,1531)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	4	0.71
(18,1531)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	4	0.71
(18,1531)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	4	0.71
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	8	0.71
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	8	0.71
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	8	0.71
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	8	0.71
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	8	0.71
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	8	0.71
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	8	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	8	0.71
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	8	0.71
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	18	0.71
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	18	0.71
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	18	0.71
(18,731)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	15	0.71
(18,731)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	15	0.71
(18,731)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	15	0.71
(18,719)	1:27:A:ARG:HB3	1:27:A:ARG:HE	12	0.71
(18,719)	1:27:A:ARG:HB2	1:27:A:ARG:HE	12	0.71
(18,665)	1:79:A:THR:H	1:80:A:TYR:HD1	11	0.71
(18,665)	1:79:A:THR:H	1:80:A:TYR:HD2	11	0.71
(18,647)	1:59:A:CYS:H	1:60:A:LEU:HB2	7	0.71
(18,602)	1:75:A:GLY:H	1:77:A:CYS:HB3	7	0.71
(18,501)	1:98:A:ILE:H	1:105:A:LYS:H	5	0.71
(18,238)	1:10:A:ASN:H	1:13:A:ALA:HB1	12	0.71
(18,238)	1:10:A:ASN:H	1:13:A:ALA:HB2	12	0.71
(18,238)	1:10:A:ASN:H	1:13:A:ALA:HB3	12	0.71
(18,107)	1:69:A:MET:H	1:69:A:MET:HE1	18	0.71
(18,107)	1:69:A:MET:H	1:69:A:MET:HE2	18	0.71
(18,107)	1:69:A:MET:H	1:69:A:MET:HE3	18	0.71
(18,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	9	0.71
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD11	2	0.71
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD12	2	0.71
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD13	2	0.71
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD21	2	0.71
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD22	2	0.71
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD23	2	0.71
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD11	2	0.71
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD12	2	0.71
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD13	2	0.71
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD21	2	0.71
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD22	2	0.71
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD23	2	0.71
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD11	2	0.71
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD12	2	0.71
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD13	2	0.71
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD21	2	0.71
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD22	2	0.71
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD23	2	0.71
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD11	2	0.71
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD12	2	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD13	2	0.71
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD21	2	0.71
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD22	2	0.71
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD23	2	0.71
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD11	2	0.71
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD12	2	0.71
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD13	2	0.71
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD21	2	0.71
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD22	2	0.71
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD23	2	0.71
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD11	2	0.71
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD12	2	0.71
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD13	2	0.71
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD21	2	0.71
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD22	2	0.71
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD23	2	0.71
(17,2284)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	14	0.71
(17,2284)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	14	0.71
(17,2272)	1:74:A:PRO:HA	1:77:A:CYS:HB2	12	0.71
(17,2272)	1:74:A:PRO:HA	1:77:A:CYS:HB3	12	0.71
(17,2215)	1:57:A:LEU:HD11	1:60:A:LEU:HG	19	0.71
(17,2215)	1:57:A:LEU:HD12	1:60:A:LEU:HG	19	0.71
(17,2215)	1:57:A:LEU:HD13	1:60:A:LEU:HG	19	0.71
(17,2215)	1:57:A:LEU:HD21	1:60:A:LEU:HG	19	0.71
(17,2215)	1:57:A:LEU:HD22	1:60:A:LEU:HG	19	0.71
(17,2215)	1:57:A:LEU:HD23	1:60:A:LEU:HG	19	0.71
(17,2008)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	8	0.71
(17,2008)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	8	0.71
(17,2008)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	8	0.71
(17,2008)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	8	0.71
(17,2008)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	8	0.71
(17,2008)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	8	0.71
(17,2008)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	8	0.71
(17,2008)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	8	0.71
(17,2008)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	8	0.71
(17,2008)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	8	0.71
(17,2008)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	8	0.71
(17,2008)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	8	0.71
(17,2008)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	8	0.71
(17,2008)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	8	0.71
(17,2008)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	8	0.71
(17,2008)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	8	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2008)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	8	0.71
(17,2008)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	8	0.71
(17,1926)	1:13:A:ALA:H	1:80:A:TYR:HE1	16	0.71
(17,1926)	1:13:A:ALA:H	1:80:A:TYR:HE2	16	0.71
(17,1754)	1:31:A:PRO:HB2	1:35:A:LEU:HA	17	0.71
(17,1754)	1:31:A:PRO:HB3	1:35:A:LEU:HA	17	0.71
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	6	0.71
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	6	0.71
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	6	0.71
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	6	0.71
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	6	0.71
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	6	0.71
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	17	0.71
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	17	0.71
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	17	0.71
(17,1377)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	15	0.71
(17,1377)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	15	0.71
(17,1377)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	15	0.71
(17,1277)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	12	0.71
(17,1277)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	12	0.71
(17,1277)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	12	0.71
(17,1277)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	12	0.71
(17,1277)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	12	0.71
(17,1277)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	12	0.71
(17,1277)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	13	0.71
(17,1277)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	13	0.71
(17,1277)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	13	0.71
(17,1277)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	13	0.71
(17,1277)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	13	0.71
(17,1277)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	13	0.71
(17,1032)	1:8:A:ASP:H	1:58:A:ILE:HG13	3	0.71
(17,997)	1:12:A:VAL:HB	1:43:A:MET:HE1	14	0.71
(17,997)	1:12:A:VAL:HB	1:43:A:MET:HE2	14	0.71
(17,997)	1:12:A:VAL:HB	1:43:A:MET:HE3	14	0.71
(17,977)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	3	0.71
(17,977)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	3	0.71
(17,977)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	3	0.71
(17,723)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	16	0.71
(17,723)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	16	0.71
(17,723)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	16	0.71
(17,654)	1:79:A:THR:H	1:80:A:TYR:HD1	11	0.71
(17,654)	1:79:A:THR:H	1:80:A:TYR:HD2	11	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,636)	1:59:A:CYS:H	1:60:A:LEU:HB2	7	0.71
(17,577)	1:126:A:GLY:H	1:128:A:LEU:HG	19	0.71
(17,466)	1:14:A:VAL:H	1:61:A:SER:HA	10	0.71
(17,376)	1:62:A:HIS:H	1:63:A:ILE:HG13	17	0.71
(17,276)	1:113:A:PHE:H	1:116:A:GLN:HG3	16	0.71
(17,227)	1:44:A:GLU:HG3	1:48:A:ARG:H	19	0.71
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD21	3	0.71
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD22	3	0.71
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD21	3	0.71
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD22	3	0.71
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD21	3	0.71
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD22	3	0.71
(16,2083)	1:35:A:LEU:HD11	1:38:A:GLU:H	9	0.71
(16,2083)	1:35:A:LEU:HD12	1:38:A:GLU:H	9	0.71
(16,2083)	1:35:A:LEU:HD13	1:38:A:GLU:H	9	0.71
(16,2083)	1:35:A:LEU:HD21	1:38:A:GLU:H	9	0.71
(16,2083)	1:35:A:LEU:HD22	1:38:A:GLU:H	9	0.71
(16,2083)	1:35:A:LEU:HD23	1:38:A:GLU:H	9	0.71
(16,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	11	0.71
(16,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	11	0.71
(16,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	11	0.71
(16,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	11	0.71
(16,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	11	0.71
(16,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	11	0.71
(16,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	11	0.71
(16,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	11	0.71
(16,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	11	0.71
(16,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	11	0.71
(16,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	11	0.71
(16,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	11	0.71
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	9	0.71
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	9	0.71
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	9	0.71
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	9	0.71
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	9	0.71
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	9	0.71
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	9	0.71
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	9	0.71
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	9	0.71
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	9	0.71
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	9	0.71
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	9	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1896)	1:13:A:ALA:H	1:80:A:TYR:HE1	16	0.71
(16,1896)	1:13:A:ALA:H	1:80:A:TYR:HE2	16	0.71
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	7	0.71
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	7	0.71
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	7	0.71
(16,1813)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	6	0.71
(16,1813)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	6	0.71
(16,1813)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	6	0.71
(16,1813)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	6	0.71
(16,1813)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	6	0.71
(16,1813)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	6	0.71
(16,1758)	1:95:A:ILE:HG21	1:97:A:ASP:HA	9	0.71
(16,1758)	1:95:A:ILE:HG22	1:97:A:ASP:HA	9	0.71
(16,1758)	1:95:A:ILE:HG23	1:97:A:ASP:HA	9	0.71
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	10	0.71
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	10	0.71
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	10	0.71
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	10	0.71
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	10	0.71
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	10	0.71
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	10	0.71
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	10	0.71
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	10	0.71
(16,1585)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	14	0.71
(16,1585)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	14	0.71
(16,1585)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	14	0.71
(16,1585)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	14	0.71
(16,1585)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	14	0.71
(16,1585)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	14	0.71
(16,1566)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	4	0.71
(16,1566)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	4	0.71
(16,1566)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	4	0.71
(16,1566)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	4	0.71
(16,1566)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	4	0.71
(16,1566)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	4	0.71
(16,1566)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	4	0.71
(16,1566)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	4	0.71
(16,1566)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	4	0.71
(16,1544)	1:46:A:ASN:HB2	1:134:A:VAL:H	19	0.71
(16,1503)	1:11:A:ILE:HA	1:43:A:MET:HE1	12	0.71
(16,1503)	1:11:A:ILE:HA	1:43:A:MET:HE2	12	0.71
(16,1503)	1:11:A:ILE:HA	1:43:A:MET:HE3	12	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1369)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	15	0.71
(16,1369)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	15	0.71
(16,1369)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	15	0.71
(16,1051)	1:11:A:ILE:HG12	1:43:A:MET:HB3	4	0.71
(16,985)	1:14:A:VAL:HB	1:15:A:ALA:HB1	3	0.71
(16,985)	1:14:A:VAL:HB	1:15:A:ALA:HB2	3	0.71
(16,985)	1:14:A:VAL:HB	1:15:A:ALA:HB3	3	0.71
(16,985)	1:14:A:VAL:HB	1:15:A:ALA:HB1	9	0.71
(16,985)	1:14:A:VAL:HB	1:15:A:ALA:HB2	9	0.71
(16,985)	1:14:A:VAL:HB	1:15:A:ALA:HB3	9	0.71
(16,967)	1:12:A:VAL:HA	1:43:A:MET:HG2	2	0.71
(16,945)	1:79:A:THR:HG21	1:81:A:GLU:HG2	4	0.71
(16,945)	1:79:A:THR:HG21	1:81:A:GLU:HG3	4	0.71
(16,945)	1:79:A:THR:HG22	1:81:A:GLU:HG2	4	0.71
(16,945)	1:79:A:THR:HG22	1:81:A:GLU:HG3	4	0.71
(16,945)	1:79:A:THR:HG23	1:81:A:GLU:HG2	4	0.71
(16,945)	1:79:A:THR:HG23	1:81:A:GLU:HG3	4	0.71
(16,639)	1:59:A:CYS:H	1:60:A:LEU:HB2	7	0.71
(16,355)	1:73:A:ILE:HD11	1:111:A:GLU:H	13	0.71
(16,355)	1:73:A:ILE:HD12	1:111:A:GLU:H	13	0.71
(16,355)	1:73:A:ILE:HD13	1:111:A:GLU:H	13	0.71
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD11	6	0.71
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD12	6	0.71
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD13	6	0.71
(16,121)	1:78:A:HIS:HA	1:80:A:TYR:H	6	0.71
(15,2237)	1:70:A:LYS:HG2	1:71:A:LYS:H	19	0.71
(15,2237)	1:70:A:LYS:HG3	1:71:A:LYS:H	19	0.71
(15,2175)	1:57:A:LEU:HD11	1:60:A:LEU:HG	19	0.71
(15,2175)	1:57:A:LEU:HD12	1:60:A:LEU:HG	19	0.71
(15,2175)	1:57:A:LEU:HD13	1:60:A:LEU:HG	19	0.71
(15,2175)	1:57:A:LEU:HD21	1:60:A:LEU:HG	19	0.71
(15,2175)	1:57:A:LEU:HD22	1:60:A:LEU:HG	19	0.71
(15,2175)	1:57:A:LEU:HD23	1:60:A:LEU:HG	19	0.71
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	12	0.71
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	12	0.71
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	12	0.71
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	12	0.71
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	12	0.71
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	12	0.71
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	12	0.71
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	12	0.71
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	12	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	12	0.71
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	12	0.71
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	12	0.71
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	12	0.71
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	12	0.71
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	12	0.71
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	12	0.71
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	12	0.71
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	12	0.71
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	12	0.71
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	12	0.71
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	12	0.71
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	12	0.71
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	12	0.71
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	12	0.71
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	12	0.71
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	12	0.71
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	12	0.71
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	12	0.71
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	12	0.71
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	12	0.71
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	12	0.71
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	12	0.71
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	12	0.71
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	12	0.71
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	12	0.71
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	12	0.71
(15,1904)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	10	0.71
(15,1904)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	10	0.71
(15,1892)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	13	0.71
(15,1859)	1:14:A:VAL:HA	1:18:A:PHE:HD1	2	0.71
(15,1859)	1:14:A:VAL:HA	1:18:A:PHE:HD2	2	0.71
(15,1859)	1:14:A:VAL:HA	1:18:A:PHE:HD1	7	0.71
(15,1859)	1:14:A:VAL:HA	1:18:A:PHE:HD2	7	0.71
(15,1799)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	5	0.71
(15,1799)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	5	0.71
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	6	0.71
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	6	0.71
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	6	0.71
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	6	0.71
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	6	0.71
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	6	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1386)	1:19:A:ALA:HB1	1:132:A:ALA:HA	10	0.71
(15,1386)	1:19:A:ALA:HB2	1:132:A:ALA:HA	10	0.71
(15,1386)	1:19:A:ALA:HB3	1:132:A:ALA:HA	10	0.71
(15,1268)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	12	0.71
(15,1268)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	12	0.71
(15,1268)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	12	0.71
(15,1268)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	12	0.71
(15,1268)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	12	0.71
(15,1268)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	12	0.71
(15,1268)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	13	0.71
(15,1268)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	13	0.71
(15,1268)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	13	0.71
(15,1268)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	13	0.71
(15,1268)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	13	0.71
(15,1268)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	13	0.71
(15,642)	1:59:A:CYS:H	1:60:A:LEU:HB2	7	0.71
(15,588)	1:126:A:GLY:H	1:128:A:LEU:HG	2	0.71
(15,32)	1:96:A:VAL:H	1:97:A:ASP:H	15	0.71
(13,2297)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	17	0.71
(13,2297)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	17	0.71
(13,2250)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	14	0.71
(13,2250)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	14	0.71
(13,2237)	1:74:A:PRO:HA	1:77:A:CYS:HB2	12	0.71
(13,2237)	1:74:A:PRO:HA	1:77:A:CYS:HB3	12	0.71
(13,2158)	1:57:A:LEU:HD11	1:60:A:LEU:HG	19	0.71
(13,2158)	1:57:A:LEU:HD12	1:60:A:LEU:HG	19	0.71
(13,2158)	1:57:A:LEU:HD13	1:60:A:LEU:HG	19	0.71
(13,2158)	1:57:A:LEU:HD21	1:60:A:LEU:HG	19	0.71
(13,2158)	1:57:A:LEU:HD22	1:60:A:LEU:HG	19	0.71
(13,2158)	1:57:A:LEU:HD23	1:60:A:LEU:HG	19	0.71
(13,1907)	1:10:A:ASN:HD21	1:80:A:TYR:H	17	0.71
(13,1907)	1:10:A:ASN:HD22	1:80:A:TYR:H	17	0.71
(13,1891)	1:9:A:PHE:HE1	1:54:A:ARG:HB2	1	0.71
(13,1891)	1:9:A:PHE:HE1	1:54:A:ARG:HB3	1	0.71
(13,1891)	1:9:A:PHE:HE2	1:54:A:ARG:HB2	1	0.71
(13,1891)	1:9:A:PHE:HE2	1:54:A:ARG:HB3	1	0.71
(13,1550)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	4	0.71
(13,1550)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	4	0.71
(13,1550)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	4	0.71
(13,1550)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	4	0.71
(13,1550)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	4	0.71
(13,1550)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	4	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1550)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	4	0.71
(13,1550)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	4	0.71
(13,1550)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	4	0.71
(13,1289)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	6	0.71
(13,1289)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	6	0.71
(13,1289)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	6	0.71
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	14	0.71
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	14	0.71
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	14	0.71
(13,629)	1:59:A:CYS:H	1:60:A:LEU:HB2	7	0.71
(13,574)	1:126:A:GLY:H	1:128:A:LEU:HG	15	0.71
(11,2217)	1:60:A:LEU:HG	1:61:A:SER:HB2	4	0.71
(11,2217)	1:60:A:LEU:HG	1:61:A:SER:HB3	4	0.71
(11,2087)	1:35:A:LEU:HD11	1:38:A:GLU:H	9	0.71
(11,2087)	1:35:A:LEU:HD12	1:38:A:GLU:H	9	0.71
(11,2087)	1:35:A:LEU:HD13	1:38:A:GLU:H	9	0.71
(11,2087)	1:35:A:LEU:HD21	1:38:A:GLU:H	9	0.71
(11,2087)	1:35:A:LEU:HD22	1:38:A:GLU:H	9	0.71
(11,2087)	1:35:A:LEU:HD23	1:38:A:GLU:H	9	0.71
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	4	0.71
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	4	0.71
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	4	0.71
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	4	0.71
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	4	0.71
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	4	0.71
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	9	0.71
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	9	0.71
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	9	0.71
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	9	0.71
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	9	0.71
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	9	0.71
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	19	0.71
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	19	0.71
(11,1610)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	4	0.71
(11,1610)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	4	0.71
(11,1610)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	4	0.71
(11,1610)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	4	0.71
(11,1610)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	4	0.71
(11,1610)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	4	0.71
(11,1610)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	4	0.71
(11,1610)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	4	0.71
(11,1610)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	4	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	18	0.71
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	18	0.71
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	18	0.71
(11,1228)	1:69:A:MET:HE1	1:110:A:MET:HA	5	0.71
(11,1228)	1:69:A:MET:HE2	1:110:A:MET:HA	5	0.71
(11,1228)	1:69:A:MET:HE3	1:110:A:MET:HA	5	0.71
(11,1017)	1:27:A:ARG:HB2	1:28:A:GLY:H	11	0.71
(11,873)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	4	0.71
(11,873)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	4	0.71
(11,873)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	4	0.71
(11,637)	1:59:A:CYS:H	1:60:A:LEU:HB3	17	0.71
(11,488)	1:98:A:ILE:H	1:105:A:LYS:H	5	0.71
(11,280)	1:113:A:PHE:H	1:116:A:GLN:HG3	16	0.71
(11,94)	1:95:A:ILE:HG21	1:97:A:ASP:H	10	0.71
(11,94)	1:95:A:ILE:HG22	1:97:A:ASP:H	10	0.71
(11,94)	1:95:A:ILE:HG23	1:97:A:ASP:H	10	0.71
(9,2162)	1:60:A:LEU:HG	1:61:A:SER:HB2	6	0.71
(9,2162)	1:60:A:LEU:HG	1:61:A:SER:HB3	6	0.71
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD11	9	0.71
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD12	9	0.71
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD13	9	0.71
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD21	9	0.71
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD22	9	0.71
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD23	9	0.71
(9,1982)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	9	0.71
(9,1982)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	9	0.71
(9,1982)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	9	0.71
(9,1982)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	9	0.71
(9,1982)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	9	0.71
(9,1982)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	9	0.71
(9,1982)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	9	0.71
(9,1982)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	9	0.71
(9,1982)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	9	0.71
(9,1982)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	9	0.71
(9,1982)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	9	0.71
(9,1982)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	9	0.71
(9,1982)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	9	0.71
(9,1982)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	9	0.71
(9,1982)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	9	0.71
(9,1982)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	9	0.71
(9,1982)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	9	0.71
(9,1982)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	9	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1907)	1:13:A:ALA:H	1:80:A:TYR:HE1	16	0.71
(9,1907)	1:13:A:ALA:H	1:80:A:TYR:HE2	16	0.71
(9,1836)	1:13:A:ALA:HA	1:80:A:TYR:HE1	16	0.71
(9,1836)	1:13:A:ALA:HA	1:80:A:TYR:HE2	16	0.71
(9,1575)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	4	0.71
(9,1575)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	4	0.71
(9,1575)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	4	0.71
(9,1575)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	4	0.71
(9,1575)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	4	0.71
(9,1575)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	4	0.71
(9,1575)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	4	0.71
(9,1575)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	4	0.71
(9,1575)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	4	0.71
(9,1216)	1:69:A:MET:HE1	1:110:A:MET:HA	5	0.71
(9,1216)	1:69:A:MET:HE2	1:110:A:MET:HA	5	0.71
(9,1216)	1:69:A:MET:HE3	1:110:A:MET:HA	5	0.71
(9,1008)	1:27:A:ARG:HB2	1:28:A:GLY:H	11	0.71
(9,873)	1:141:A:LYS:HA	1:148:A:CYS:HB3	8	0.71
(9,649)	1:79:A:THR:H	1:80:A:TYR:HD1	11	0.71
(9,649)	1:79:A:THR:H	1:80:A:TYR:HD2	11	0.71
(9,634)	1:59:A:CYS:H	1:60:A:LEU:HB3	1	0.71
(9,286)	1:113:A:PHE:H	1:116:A:GLN:HG3	16	0.71
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD11	2	0.71
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD12	2	0.71
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD13	2	0.71
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD21	2	0.71
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD22	2	0.71
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD23	2	0.71
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD11	1	0.71
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD12	1	0.71
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD13	1	0.71
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD21	1	0.71
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD22	1	0.71
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD23	1	0.71
(7,2042)	1:35:A:LEU:HD11	1:38:A:GLU:H	9	0.71
(7,2042)	1:35:A:LEU:HD12	1:38:A:GLU:H	9	0.71
(7,2042)	1:35:A:LEU:HD13	1:38:A:GLU:H	9	0.71
(7,2042)	1:35:A:LEU:HD21	1:38:A:GLU:H	9	0.71
(7,2042)	1:35:A:LEU:HD22	1:38:A:GLU:H	9	0.71
(7,2042)	1:35:A:LEU:HD23	1:38:A:GLU:H	9	0.71
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD11	1	0.71
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD12	1	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD13	1	0.71
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD21	1	0.71
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD22	1	0.71
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD23	1	0.71
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD11	1	0.71
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD12	1	0.71
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD13	1	0.71
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD21	1	0.71
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD22	1	0.71
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD23	1	0.71
(7,1910)	1:10:A:ASN:HD21	1:80:A:TYR:H	17	0.71
(7,1910)	1:10:A:ASN:HD22	1:80:A:TYR:H	17	0.71
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	7	0.71
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	7	0.71
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	7	0.71
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG21	16	0.71
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG22	16	0.71
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG23	16	0.71
(7,1570)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	14	0.71
(7,1570)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	14	0.71
(7,1570)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	14	0.71
(7,1570)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	14	0.71
(7,1570)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	14	0.71
(7,1570)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	14	0.71
(7,1553)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	4	0.71
(7,1553)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	4	0.71
(7,1553)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	4	0.71
(7,1553)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	4	0.71
(7,1553)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	4	0.71
(7,1553)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	4	0.71
(7,1553)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	4	0.71
(7,1553)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	4	0.71
(7,1553)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	4	0.71
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	6	0.71
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	6	0.71
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	6	0.71
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	6	0.71
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	6	0.71
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	6	0.71
(7,1363)	1:107:A:LEU:HD11	1:111:A:GLU:HB2	5	0.71
(7,1363)	1:107:A:LEU:HD11	1:111:A:GLU:HB3	5	0.71
(7,1363)	1:107:A:LEU:HD12	1:111:A:GLU:HB2	5	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1363)	1:107:A:LEU:HD12	1:111:A:GLU:HB3	5	0.71
(7,1363)	1:107:A:LEU:HD13	1:111:A:GLU:HB2	5	0.71
(7,1363)	1:107:A:LEU:HD13	1:111:A:GLU:HB3	5	0.71
(7,1250)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	12	0.71
(7,1250)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	12	0.71
(7,1250)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	12	0.71
(7,1250)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	12	0.71
(7,1250)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	12	0.71
(7,1250)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	12	0.71
(7,1250)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	13	0.71
(7,1250)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	13	0.71
(7,1250)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	13	0.71
(7,1250)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	13	0.71
(7,1250)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	13	0.71
(7,1250)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	13	0.71
(7,1209)	1:79:A:THR:HG21	1:81:A:GLU:HA	9	0.71
(7,1209)	1:79:A:THR:HG22	1:81:A:GLU:HA	9	0.71
(7,1209)	1:79:A:THR:HG23	1:81:A:GLU:HA	9	0.71
(7,1192)	1:69:A:MET:HE1	1:110:A:MET:HA	5	0.71
(7,1192)	1:69:A:MET:HE2	1:110:A:MET:HA	5	0.71
(7,1192)	1:69:A:MET:HE3	1:110:A:MET:HA	5	0.71
(7,952)	1:43:A:MET:HB2	1:140:A:LEU:HD11	3	0.71
(7,952)	1:43:A:MET:HB2	1:140:A:LEU:HD12	3	0.71
(7,952)	1:43:A:MET:HB2	1:140:A:LEU:HD13	3	0.71
(7,743)	1:43:A:MET:HE1	1:134:A:VAL:H	17	0.71
(7,743)	1:43:A:MET:HE2	1:134:A:VAL:H	17	0.71
(7,743)	1:43:A:MET:HE3	1:134:A:VAL:H	17	0.71
(7,634)	1:59:A:CYS:H	1:60:A:LEU:HB2	7	0.71
(7,629)	1:9:A:PHE:HZ	1:58:A:ILE:H	1	0.71
(7,373)	1:40:A:LEU:HB2	1:41:A:LYS:H	2	0.71
(7,92)	1:95:A:ILE:HG21	1:97:A:ASP:H	18	0.71
(7,92)	1:95:A:ILE:HG22	1:97:A:ASP:H	18	0.71
(7,92)	1:95:A:ILE:HG23	1:97:A:ASP:H	18	0.71
(6,2279)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	14	0.71
(6,2279)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	14	0.71
(6,2209)	1:60:A:LEU:HG	1:61:A:SER:HB2	4	0.71
(6,2209)	1:60:A:LEU:HG	1:61:A:SER:HB3	4	0.71
(6,2004)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	4	0.71
(6,2004)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	4	0.71
(6,2004)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	4	0.71
(6,2004)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	4	0.71
(6,2004)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	4	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2004)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	4	0.71
(6,2001)	1:14:A:VAL:HG11	1:18:A:PHE:HB2	10	0.71
(6,2001)	1:14:A:VAL:HG12	1:18:A:PHE:HB2	10	0.71
(6,2001)	1:14:A:VAL:HG13	1:18:A:PHE:HB2	10	0.71
(6,2001)	1:14:A:VAL:HG21	1:18:A:PHE:HB2	10	0.71
(6,2001)	1:14:A:VAL:HG22	1:18:A:PHE:HB2	10	0.71
(6,2001)	1:14:A:VAL:HG23	1:18:A:PHE:HB2	10	0.71
(6,1980)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	1	0.71
(6,1980)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	1	0.71
(6,1980)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	1	0.71
(6,1980)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	1	0.71
(6,1980)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	1	0.71
(6,1980)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	1	0.71
(6,1980)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	1	0.71
(6,1980)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	1	0.71
(6,1980)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	1	0.71
(6,1980)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	1	0.71
(6,1980)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	1	0.71
(6,1980)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	1	0.71
(6,1955)	1:10:A:ASN:HD21	1:80:A:TYR:H	17	0.71
(6,1955)	1:10:A:ASN:HD22	1:80:A:TYR:H	17	0.71
(6,1919)	1:13:A:ALA:H	1:80:A:TYR:HE1	16	0.71
(6,1919)	1:13:A:ALA:H	1:80:A:TYR:HE2	16	0.71
(6,1848)	1:13:A:ALA:HA	1:80:A:TYR:HE1	4	0.71
(6,1848)	1:13:A:ALA:HA	1:80:A:TYR:HE2	4	0.71
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	7	0.71
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	7	0.71
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	7	0.71
(6,1824)	1:18:A:PHE:HE1	1:131:A:LEU:HB2	9	0.71
(6,1824)	1:18:A:PHE:HE2	1:131:A:LEU:HB2	9	0.71
(6,1749)	1:39:A:VAL:HA	1:140:A:LEU:HD11	9	0.71
(6,1749)	1:39:A:VAL:HA	1:140:A:LEU:HD12	9	0.71
(6,1749)	1:39:A:VAL:HA	1:140:A:LEU:HD13	9	0.71
(6,1597)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	14	0.71
(6,1597)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	14	0.71
(6,1597)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	14	0.71
(6,1597)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	14	0.71
(6,1597)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	14	0.71
(6,1597)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	14	0.71
(6,1579)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	4	0.71
(6,1579)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	4	0.71
(6,1579)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	4	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1579)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	4	0.71
(6,1579)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	4	0.71
(6,1579)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	4	0.71
(6,1579)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	4	0.71
(6,1579)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	4	0.71
(6,1579)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	4	0.71
(6,1566)	1:11:A:ILE:HD11	1:45:A:ALA:H	10	0.71
(6,1566)	1:11:A:ILE:HD12	1:45:A:ALA:H	10	0.71
(6,1566)	1:11:A:ILE:HD13	1:45:A:ALA:H	10	0.71
(6,1543)	1:46:A:ASN:HB2	1:134:A:VAL:H	19	0.71
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	6	0.71
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	6	0.71
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	6	0.71
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	6	0.71
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	6	0.71
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	6	0.71
(6,1239)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	13	0.71
(6,1239)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	13	0.71
(6,1239)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	13	0.71
(6,1239)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	13	0.71
(6,1239)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	13	0.71
(6,1239)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	13	0.71
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	13	0.71
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	13	0.71
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	13	0.71
(6,869)	1:14:A:VAL:HA	1:18:A:PHE:HB2	10	0.71
(6,630)	1:59:A:CYS:H	1:60:A:LEU:HB3	1	0.71
(5,2192)	1:57:A:LEU:HD11	1:60:A:LEU:HG	19	0.71
(5,2192)	1:57:A:LEU:HD12	1:60:A:LEU:HG	19	0.71
(5,2192)	1:57:A:LEU:HD13	1:60:A:LEU:HG	19	0.71
(5,2192)	1:57:A:LEU:HD21	1:60:A:LEU:HG	19	0.71
(5,2192)	1:57:A:LEU:HD22	1:60:A:LEU:HG	19	0.71
(5,2192)	1:57:A:LEU:HD23	1:60:A:LEU:HG	19	0.71
(5,2059)	1:35:A:LEU:HD11	1:38:A:GLU:H	9	0.71
(5,2059)	1:35:A:LEU:HD12	1:38:A:GLU:H	9	0.71
(5,2059)	1:35:A:LEU:HD13	1:38:A:GLU:H	9	0.71
(5,2059)	1:35:A:LEU:HD21	1:38:A:GLU:H	9	0.71
(5,2059)	1:35:A:LEU:HD22	1:38:A:GLU:H	9	0.71
(5,2059)	1:35:A:LEU:HD23	1:38:A:GLU:H	9	0.71
(5,1932)	1:13:A:ALA:H	1:80:A:TYR:HE1	16	0.71
(5,1932)	1:13:A:ALA:H	1:80:A:TYR:HE2	16	0.71
(5,1884)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	11	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1809)	1:13:A:ALA:H	1:80:A:TYR:HD1	1	0.71
(5,1809)	1:13:A:ALA:H	1:80:A:TYR:HD2	1	0.71
(5,1809)	1:13:A:ALA:H	1:80:A:TYR:HD1	4	0.71
(5,1809)	1:13:A:ALA:H	1:80:A:TYR:HD2	4	0.71
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	18	0.71
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	18	0.71
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	18	0.71
(5,636)	1:59:A:CYS:H	1:60:A:LEU:HB2	7	0.71
(5,320)	1:140:A:LEU:H	1:140:A:LEU:HG	4	0.71
(5,306)	1:40:A:LEU:HD11	1:43:A:MET:H	3	0.71
(5,306)	1:40:A:LEU:HD12	1:43:A:MET:H	3	0.71
(5,306)	1:40:A:LEU:HD13	1:43:A:MET:H	3	0.71
(5,273)	1:113:A:PHE:H	1:116:A:GLN:HG3	16	0.71
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD11	6	0.71
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD12	6	0.71
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD13	6	0.71
(4,2328)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	3	0.71
(4,2328)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	3	0.71
(4,2328)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	3	0.71
(4,2328)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	3	0.71
(4,2328)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	3	0.71
(4,2328)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	3	0.71
(4,2328)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	3	0.71
(4,2328)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	3	0.71
(4,2328)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	3	0.71
(4,2328)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	3	0.71
(4,2328)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	3	0.71
(4,2328)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	3	0.71
(4,2199)	1:60:A:LEU:HD11	1:120:A:CYS:HA	18	0.71
(4,2199)	1:60:A:LEU:HD12	1:120:A:CYS:HA	18	0.71
(4,2199)	1:60:A:LEU:HD13	1:120:A:CYS:HA	18	0.71
(4,2199)	1:60:A:LEU:HD21	1:120:A:CYS:HA	18	0.71
(4,2199)	1:60:A:LEU:HD22	1:120:A:CYS:HA	18	0.71
(4,2199)	1:60:A:LEU:HD23	1:120:A:CYS:HA	18	0.71
(4,2190)	1:57:A:LEU:HD11	1:60:A:LEU:HG	19	0.71
(4,2190)	1:57:A:LEU:HD12	1:60:A:LEU:HG	19	0.71
(4,2190)	1:57:A:LEU:HD13	1:60:A:LEU:HG	19	0.71
(4,2190)	1:57:A:LEU:HD21	1:60:A:LEU:HG	19	0.71
(4,2190)	1:57:A:LEU:HD22	1:60:A:LEU:HG	19	0.71
(4,2190)	1:57:A:LEU:HD23	1:60:A:LEU:HG	19	0.71
(4,2036)	1:23:A:LEU:HD11	1:25:A:ALA:H	11	0.71
(4,2036)	1:23:A:LEU:HD12	1:25:A:ALA:H	11	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2036)	1:23:A:LEU:HD13	1:25:A:ALA:H	11	0.71
(4,2036)	1:23:A:LEU:HD21	1:25:A:ALA:H	11	0.71
(4,2036)	1:23:A:LEU:HD22	1:25:A:ALA:H	11	0.71
(4,2036)	1:23:A:LEU:HD23	1:25:A:ALA:H	11	0.71
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	15	0.71
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	15	0.71
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	15	0.71
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	15	0.71
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	15	0.71
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	15	0.71
(4,1998)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	12	0.71
(4,1998)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	12	0.71
(4,1998)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	12	0.71
(4,1998)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	12	0.71
(4,1998)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	12	0.71
(4,1998)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	12	0.71
(4,1998)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	12	0.71
(4,1998)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	12	0.71
(4,1998)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	12	0.71
(4,1998)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	12	0.71
(4,1998)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	12	0.71
(4,1998)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	12	0.71
(4,1998)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	12	0.71
(4,1998)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	12	0.71
(4,1998)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	12	0.71
(4,1998)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	12	0.71
(4,1998)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	12	0.71
(4,1998)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	12	0.71
(4,1926)	1:10:A:ASN:HD21	1:80:A:TYR:H	17	0.71
(4,1926)	1:10:A:ASN:HD22	1:80:A:TYR:H	17	0.71
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	18	0.71
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	18	0.71
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	18	0.71
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD21	18	0.71
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD22	18	0.71
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD23	18	0.71
(4,1885)	1:13:A:ALA:H	1:80:A:TYR:HE1	16	0.71
(4,1885)	1:13:A:ALA:H	1:80:A:TYR:HE2	16	0.71
(4,1843)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	8	0.71
(4,1843)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	8	0.71
(4,1794)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	1	0.71
(4,1794)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	1	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1578)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	14	0.71
(4,1578)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	14	0.71
(4,1578)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	14	0.71
(4,1578)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	14	0.71
(4,1578)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	14	0.71
(4,1578)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	14	0.71
(4,1561)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	4	0.71
(4,1561)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	4	0.71
(4,1561)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	4	0.71
(4,1561)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	4	0.71
(4,1561)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	4	0.71
(4,1561)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	4	0.71
(4,1561)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	4	0.71
(4,1561)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	4	0.71
(4,1561)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	4	0.71
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	6	0.71
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	6	0.71
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	6	0.71
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	6	0.71
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	6	0.71
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	6	0.71
(4,1444)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	14	0.71
(4,1444)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	14	0.71
(4,1444)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	14	0.71
(4,1444)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	14	0.71
(4,1444)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	14	0.71
(4,1444)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	14	0.71
(4,1444)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	14	0.71
(4,1444)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	14	0.71
(4,1444)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	14	0.71
(4,1245)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	12	0.71
(4,1245)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	12	0.71
(4,1245)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	12	0.71
(4,1245)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	12	0.71
(4,1245)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	12	0.71
(4,1245)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	12	0.71
(4,1245)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	13	0.71
(4,1245)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	13	0.71
(4,1245)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	13	0.71
(4,1245)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	13	0.71
(4,1245)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	13	0.71
(4,1245)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	13	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1236)	1:23:A:LEU:HD11	1:25:A:ALA:H	14	0.71
(4,1236)	1:23:A:LEU:HD12	1:25:A:ALA:H	14	0.71
(4,1236)	1:23:A:LEU:HD13	1:25:A:ALA:H	14	0.71
(4,1222)	1:40:A:LEU:HD11	1:44:A:GLU:H	17	0.71
(4,1222)	1:40:A:LEU:HD12	1:44:A:GLU:H	17	0.71
(4,1222)	1:40:A:LEU:HD13	1:44:A:GLU:H	17	0.71
(4,1202)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	4	0.71
(4,1202)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	4	0.71
(4,1202)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	4	0.71
(4,1190)	1:69:A:MET:HE1	1:110:A:MET:HA	5	0.71
(4,1190)	1:69:A:MET:HE2	1:110:A:MET:HA	5	0.71
(4,1190)	1:69:A:MET:HE3	1:110:A:MET:HA	5	0.71
(4,782)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	11	0.71
(4,782)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	11	0.71
(4,782)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	11	0.71
(4,782)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	11	0.71
(4,782)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	11	0.71
(4,782)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	11	0.71
(4,740)	1:43:A:MET:HE1	1:134:A:VAL:H	17	0.71
(4,740)	1:43:A:MET:HE2	1:134:A:VAL:H	17	0.71
(4,740)	1:43:A:MET:HE3	1:134:A:VAL:H	17	0.71
(4,644)	1:79:A:THR:H	1:80:A:TYR:HD1	11	0.71
(4,644)	1:79:A:THR:H	1:80:A:TYR:HD2	11	0.71
(4,625)	1:59:A:CYS:H	1:60:A:LEU:HB2	7	0.71
(4,610)	1:23:A:LEU:HD21	1:25:A:ALA:H	12	0.71
(4,610)	1:23:A:LEU:HD22	1:25:A:ALA:H	12	0.71
(4,610)	1:23:A:LEU:HD23	1:25:A:ALA:H	12	0.71
(4,610)	1:23:A:LEU:HD21	1:25:A:ALA:H	14	0.71
(4,610)	1:23:A:LEU:HD22	1:25:A:ALA:H	14	0.71
(4,610)	1:23:A:LEU:HD23	1:25:A:ALA:H	14	0.71
(4,610)	1:23:A:LEU:HD21	1:25:A:ALA:H	18	0.71
(4,610)	1:23:A:LEU:HD22	1:25:A:ALA:H	18	0.71
(4,610)	1:23:A:LEU:HD23	1:25:A:ALA:H	18	0.71
(4,571)	1:126:A:GLY:H	1:128:A:LEU:HG	11	0.71
(4,228)	1:10:A:ASN:H	1:13:A:ALA:HB1	12	0.71
(4,228)	1:10:A:ASN:H	1:13:A:ALA:HB2	12	0.71
(4,228)	1:10:A:ASN:H	1:13:A:ALA:HB3	12	0.71
(3,2465)	1:134:A:VAL:HG11	1:137:A:SER:H	14	0.71
(3,2465)	1:134:A:VAL:HG12	1:137:A:SER:H	14	0.71
(3,2465)	1:134:A:VAL:HG13	1:137:A:SER:H	14	0.71
(3,2465)	1:134:A:VAL:HG21	1:137:A:SER:H	14	0.71
(3,2465)	1:134:A:VAL:HG22	1:137:A:SER:H	14	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2465)	1:134:A:VAL:HG23	1:137:A:SER:H	14	0.71
(3,2173)	1:43:A:MET:HE1	1:131:A:LEU:HD11	4	0.71
(3,2173)	1:43:A:MET:HE1	1:131:A:LEU:HD12	4	0.71
(3,2173)	1:43:A:MET:HE1	1:131:A:LEU:HD13	4	0.71
(3,2173)	1:43:A:MET:HE1	1:131:A:LEU:HD21	4	0.71
(3,2173)	1:43:A:MET:HE1	1:131:A:LEU:HD22	4	0.71
(3,2173)	1:43:A:MET:HE1	1:131:A:LEU:HD23	4	0.71
(3,2173)	1:43:A:MET:HE2	1:131:A:LEU:HD11	4	0.71
(3,2173)	1:43:A:MET:HE2	1:131:A:LEU:HD12	4	0.71
(3,2173)	1:43:A:MET:HE2	1:131:A:LEU:HD13	4	0.71
(3,2173)	1:43:A:MET:HE2	1:131:A:LEU:HD21	4	0.71
(3,2173)	1:43:A:MET:HE2	1:131:A:LEU:HD22	4	0.71
(3,2173)	1:43:A:MET:HE2	1:131:A:LEU:HD23	4	0.71
(3,2173)	1:43:A:MET:HE3	1:131:A:LEU:HD11	4	0.71
(3,2173)	1:43:A:MET:HE3	1:131:A:LEU:HD12	4	0.71
(3,2173)	1:43:A:MET:HE3	1:131:A:LEU:HD13	4	0.71
(3,2173)	1:43:A:MET:HE3	1:131:A:LEU:HD21	4	0.71
(3,2173)	1:43:A:MET:HE3	1:131:A:LEU:HD22	4	0.71
(3,2173)	1:43:A:MET:HE3	1:131:A:LEU:HD23	4	0.71
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG11	2	0.71
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG12	2	0.71
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG13	2	0.71
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG21	2	0.71
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG22	2	0.71
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG23	2	0.71
(3,1971)	1:10:A:ASN:HD21	1:80:A:TYR:H	17	0.71
(3,1971)	1:10:A:ASN:HD22	1:80:A:TYR:H	17	0.71
(3,1873)	1:13:A:ALA:HA	1:80:A:TYR:HE1	4	0.71
(3,1873)	1:13:A:ALA:HA	1:80:A:TYR:HE2	4	0.71
(3,1841)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	5	0.71
(3,1841)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	5	0.71
(3,1629)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	14	0.71
(3,1629)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	14	0.71
(3,1629)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	14	0.71
(3,1629)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	14	0.71
(3,1629)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	14	0.71
(3,1629)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	14	0.71
(3,1612)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	4	0.71
(3,1612)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	4	0.71
(3,1612)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	4	0.71
(3,1612)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	4	0.71
(3,1612)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	4	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1612)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	4	0.71
(3,1612)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	4	0.71
(3,1612)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	4	0.71
(3,1612)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	4	0.71
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	6	0.71
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	6	0.71
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	6	0.71
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	6	0.71
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	6	0.71
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	6	0.71
(3,1481)	1:13:A:ALA:HB1	1:78:A:HIS:HA	12	0.71
(3,1481)	1:13:A:ALA:HB2	1:78:A:HIS:HA	12	0.71
(3,1481)	1:13:A:ALA:HB3	1:78:A:HIS:HA	12	0.71
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG21	6	0.71
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG22	6	0.71
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG23	6	0.71
(3,1414)	1:19:A:ALA:HB1	1:132:A:ALA:HA	10	0.71
(3,1414)	1:19:A:ALA:HB2	1:132:A:ALA:HA	10	0.71
(3,1414)	1:19:A:ALA:HB3	1:132:A:ALA:HA	10	0.71
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD11	17	0.71
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD12	17	0.71
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD13	17	0.71
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD11	17	0.71
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD12	17	0.71
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD13	17	0.71
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD11	17	0.71
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD12	17	0.71
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD13	17	0.71
(3,855)	1:103:A:ARG:HD2	1:107:A:LEU:HD11	12	0.71
(3,855)	1:103:A:ARG:HD2	1:107:A:LEU:HD12	12	0.71
(3,855)	1:103:A:ARG:HD2	1:107:A:LEU:HD13	12	0.71
(3,855)	1:103:A:ARG:HD3	1:107:A:LEU:HD11	12	0.71
(3,855)	1:103:A:ARG:HD3	1:107:A:LEU:HD12	12	0.71
(3,855)	1:103:A:ARG:HD3	1:107:A:LEU:HD13	12	0.71
(3,714)	1:23:A:LEU:HB2	1:27:A:ARG:HE	10	0.71
(3,714)	1:23:A:LEU:HB3	1:27:A:ARG:HE	10	0.71
(3,692)	1:145:A:PRO:HB3	1:148:A:CYS:H	5	0.71
(3,659)	1:79:A:THR:H	1:80:A:TYR:HD1	11	0.71
(3,659)	1:79:A:THR:H	1:80:A:TYR:HD2	11	0.71
(3,643)	1:59:A:CYS:H	1:60:A:LEU:HB2	7	0.71
(3,638)	1:9:A:PHE:HZ	1:58:A:ILE:H	1	0.71
(3,350)	1:73:A:ILE:HD11	1:111:A:GLU:H	13	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,350)	1:73:A:ILE:HD12	1:111:A:GLU:H	13	0.71
(3,350)	1:73:A:ILE:HD13	1:111:A:GLU:H	13	0.71
(3,122)	1:78:A:HIS:HA	1:80:A:TYR:H	6	0.71
(3,1)	1:39:A:VAL:HG21	1:143:A:TRP:HE1	7	0.71
(3,1)	1:39:A:VAL:HG22	1:143:A:TRP:HE1	7	0.71
(3,1)	1:39:A:VAL:HG23	1:143:A:TRP:HE1	7	0.71
(2,2275)	1:70:A:LYS:HG2	1:71:A:LYS:H	14	0.71
(2,2275)	1:70:A:LYS:HG3	1:71:A:LYS:H	14	0.71
(2,2275)	1:70:A:LYS:HG2	1:71:A:LYS:H	15	0.71
(2,2275)	1:70:A:LYS:HG3	1:71:A:LYS:H	15	0.71
(2,2227)	1:60:A:LEU:HG	1:61:A:SER:HB2	6	0.71
(2,2227)	1:60:A:LEU:HG	1:61:A:SER:HB3	6	0.71
(2,2145)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	13	0.71
(2,2145)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	13	0.71
(2,2145)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	13	0.71
(2,2145)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	13	0.71
(2,2145)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	13	0.71
(2,2145)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	13	0.71
(2,2145)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	13	0.71
(2,2145)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	13	0.71
(2,2145)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	13	0.71
(2,2145)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	13	0.71
(2,2145)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	13	0.71
(2,2145)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	13	0.71
(2,2056)	1:23:A:LEU:HD11	1:25:A:ALA:H	11	0.71
(2,2056)	1:23:A:LEU:HD12	1:25:A:ALA:H	11	0.71
(2,2056)	1:23:A:LEU:HD13	1:25:A:ALA:H	11	0.71
(2,2056)	1:23:A:LEU:HD21	1:25:A:ALA:H	11	0.71
(2,2056)	1:23:A:LEU:HD22	1:25:A:ALA:H	11	0.71
(2,2056)	1:23:A:LEU:HD23	1:25:A:ALA:H	11	0.71
(2,1841)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	5	0.71
(2,1841)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	5	0.71
(2,1756)	1:31:A:PRO:HB2	1:35:A:LEU:HA	17	0.71
(2,1756)	1:31:A:PRO:HB3	1:35:A:LEU:HA	17	0.71
(2,1593)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	4	0.71
(2,1593)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	4	0.71
(2,1593)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	4	0.71
(2,1593)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	4	0.71
(2,1593)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	4	0.71
(2,1593)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	4	0.71
(2,1593)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	4	0.71
(2,1593)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	4	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1593)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	4	0.71
(2,1351)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	12	0.71
(2,1351)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	12	0.71
(2,1351)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	12	0.71
(2,1351)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	12	0.71
(2,1351)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	12	0.71
(2,1351)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	12	0.71
(2,1351)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	13	0.71
(2,1351)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	13	0.71
(2,1351)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	13	0.71
(2,1351)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	13	0.71
(2,1351)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	13	0.71
(2,1351)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	13	0.71
(2,1256)	1:23:A:LEU:HD11	1:25:A:ALA:H	14	0.71
(2,1256)	1:23:A:LEU:HD12	1:25:A:ALA:H	14	0.71
(2,1256)	1:23:A:LEU:HD13	1:25:A:ALA:H	14	0.71
(2,1250)	1:23:A:LEU:HD11	1:24:A:ASP:H	5	0.71
(2,1250)	1:23:A:LEU:HD12	1:24:A:ASP:H	5	0.71
(2,1250)	1:23:A:LEU:HD13	1:24:A:ASP:H	5	0.71
(2,1250)	1:23:A:LEU:HD11	1:24:A:ASP:H	10	0.71
(2,1250)	1:23:A:LEU:HD12	1:24:A:ASP:H	10	0.71
(2,1250)	1:23:A:LEU:HD13	1:24:A:ASP:H	10	0.71
(2,1239)	1:40:A:LEU:HD11	1:44:A:GLU:H	17	0.71
(2,1239)	1:40:A:LEU:HD12	1:44:A:GLU:H	17	0.71
(2,1239)	1:40:A:LEU:HD13	1:44:A:GLU:H	17	0.71
(2,1207)	1:69:A:MET:HE1	1:110:A:MET:HA	5	0.71
(2,1207)	1:69:A:MET:HE2	1:110:A:MET:HA	5	0.71
(2,1207)	1:69:A:MET:HE3	1:110:A:MET:HA	5	0.71
(2,941)	1:12:A:VAL:HA	1:43:A:MET:HG2	2	0.71
(2,617)	1:23:A:LEU:HD21	1:25:A:ALA:H	12	0.71
(2,617)	1:23:A:LEU:HD22	1:25:A:ALA:H	12	0.71
(2,617)	1:23:A:LEU:HD23	1:25:A:ALA:H	12	0.71
(2,617)	1:23:A:LEU:HD21	1:25:A:ALA:H	14	0.71
(2,617)	1:23:A:LEU:HD22	1:25:A:ALA:H	14	0.71
(2,617)	1:23:A:LEU:HD23	1:25:A:ALA:H	14	0.71
(2,617)	1:23:A:LEU:HD21	1:25:A:ALA:H	18	0.71
(2,617)	1:23:A:LEU:HD22	1:25:A:ALA:H	18	0.71
(2,617)	1:23:A:LEU:HD23	1:25:A:ALA:H	18	0.71
(2,567)	1:63:A:ILE:HG21	1:116:A:GLN:H	11	0.71
(2,567)	1:63:A:ILE:HG22	1:116:A:GLN:H	11	0.71
(2,567)	1:63:A:ILE:HG23	1:116:A:GLN:H	11	0.71
(2,479)	1:145:A:PRO:HB2	1:148:A:CYS:H	19	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD11	1	0.71
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD12	1	0.71
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD13	1	0.71
(1,2138)	1:43:A:MET:HE1	1:131:A:LEU:HD11	4	0.71
(1,2138)	1:43:A:MET:HE1	1:131:A:LEU:HD12	4	0.71
(1,2138)	1:43:A:MET:HE1	1:131:A:LEU:HD13	4	0.71
(1,2138)	1:43:A:MET:HE1	1:131:A:LEU:HD21	4	0.71
(1,2138)	1:43:A:MET:HE1	1:131:A:LEU:HD22	4	0.71
(1,2138)	1:43:A:MET:HE1	1:131:A:LEU:HD23	4	0.71
(1,2138)	1:43:A:MET:HE2	1:131:A:LEU:HD11	4	0.71
(1,2138)	1:43:A:MET:HE2	1:131:A:LEU:HD12	4	0.71
(1,2138)	1:43:A:MET:HE2	1:131:A:LEU:HD13	4	0.71
(1,2138)	1:43:A:MET:HE2	1:131:A:LEU:HD21	4	0.71
(1,2138)	1:43:A:MET:HE2	1:131:A:LEU:HD22	4	0.71
(1,2138)	1:43:A:MET:HE2	1:131:A:LEU:HD23	4	0.71
(1,2138)	1:43:A:MET:HE3	1:131:A:LEU:HD11	4	0.71
(1,2138)	1:43:A:MET:HE3	1:131:A:LEU:HD12	4	0.71
(1,2138)	1:43:A:MET:HE3	1:131:A:LEU:HD13	4	0.71
(1,2138)	1:43:A:MET:HE3	1:131:A:LEU:HD21	4	0.71
(1,2138)	1:43:A:MET:HE3	1:131:A:LEU:HD22	4	0.71
(1,2138)	1:43:A:MET:HE3	1:131:A:LEU:HD23	4	0.71
(1,1835)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	12	0.71
(1,1835)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	12	0.71
(1,1835)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	12	0.71
(1,1835)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	12	0.71
(1,1835)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	12	0.71
(1,1835)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	12	0.71
(1,1835)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	13	0.71
(1,1835)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	13	0.71
(1,1835)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	13	0.71
(1,1835)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	13	0.71
(1,1835)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	13	0.71
(1,1835)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	13	0.71
(1,1801)	1:13:A:ALA:HA	1:80:A:TYR:HD1	17	0.71
(1,1801)	1:13:A:ALA:HA	1:80:A:TYR:HD2	17	0.71
(1,1753)	1:31:A:PRO:HB2	1:35:A:LEU:HA	12	0.71
(1,1753)	1:31:A:PRO:HB3	1:35:A:LEU:HA	12	0.71
(1,1469)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	18	0.71
(1,1469)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	18	0.71
(1,1469)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	18	0.71
(1,1469)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	18	0.71
(1,1469)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	18	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1469)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	18	0.71
(1,1469)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	18	0.71
(1,1469)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	18	0.71
(1,1469)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	18	0.71
(1,1467)	1:15:A:ALA:HB1	1:132:A:ALA:HA	13	0.71
(1,1467)	1:15:A:ALA:HB2	1:132:A:ALA:HA	13	0.71
(1,1467)	1:15:A:ALA:HB3	1:132:A:ALA:HA	13	0.71
(1,1096)	1:48:A:ARG:HG2	1:49:A:LYS:HA	13	0.71
(1,1096)	1:48:A:ARG:HG3	1:49:A:LYS:HA	13	0.71
(1,660)	1:79:A:THR:H	1:80:A:TYR:HD1	11	0.71
(1,660)	1:79:A:THR:H	1:80:A:TYR:HD2	11	0.71
(1,642)	1:59:A:CYS:H	1:60:A:LEU:HB2	7	0.71
(34,2118)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	12	0.7
(34,2118)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	12	0.7
(34,2118)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	12	0.7
(34,2118)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	12	0.7
(34,2118)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	12	0.7
(34,2118)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	12	0.7
(34,2118)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	12	0.7
(34,2118)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	12	0.7
(34,2118)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	12	0.7
(34,2118)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	12	0.7
(34,2118)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	12	0.7
(34,2118)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	12	0.7
(34,1997)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	4	0.7
(34,1997)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	4	0.7
(34,1997)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	4	0.7
(34,1997)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	4	0.7
(34,1997)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	4	0.7
(34,1997)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	4	0.7
(34,1881)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	6	0.7
(34,1881)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	6	0.7
(34,1881)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	6	0.7
(34,1881)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	6	0.7
(34,1881)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	6	0.7
(34,1881)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	6	0.7
(34,1867)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	7	0.7
(34,1777)	1:97:A:ASP:HA	1:105:A:LYS:HG2	10	0.7
(34,1775)	1:97:A:ASP:HA	1:105:A:LYS:HG3	1	0.7
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	18	0.7
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	18	0.7
(34,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	18	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1681)	1:107:A:LEU:H	1:111:A:GLU:HB2	17	0.7
(34,1681)	1:107:A:LEU:H	1:111:A:GLU:HB3	17	0.7
(34,1535)	1:110:A:MET:HE1	1:113:A:PHE:HE1	10	0.7
(34,1535)	1:110:A:MET:HE1	1:113:A:PHE:HE2	10	0.7
(34,1535)	1:110:A:MET:HE2	1:113:A:PHE:HE1	10	0.7
(34,1535)	1:110:A:MET:HE2	1:113:A:PHE:HE2	10	0.7
(34,1535)	1:110:A:MET:HE3	1:113:A:PHE:HE1	10	0.7
(34,1535)	1:110:A:MET:HE3	1:113:A:PHE:HE2	10	0.7
(34,1433)	1:70:A:LYS:HA	1:73:A:ILE:HG21	8	0.7
(34,1433)	1:70:A:LYS:HA	1:73:A:ILE:HG22	8	0.7
(34,1433)	1:70:A:LYS:HA	1:73:A:ILE:HG23	8	0.7
(34,1043)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	17	0.7
(34,1043)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	17	0.7
(34,903)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	19	0.7
(34,903)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	19	0.7
(34,903)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	19	0.7
(34,831)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	5	0.7
(34,831)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	5	0.7
(34,831)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	5	0.7
(34,831)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	5	0.7
(34,831)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	5	0.7
(34,831)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	5	0.7
(34,826)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	8	0.7
(34,826)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	8	0.7
(34,826)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	8	0.7
(34,801)	1:63:A:ILE:HD11	1:117:A:VAL:HB	7	0.7
(34,801)	1:63:A:ILE:HD12	1:117:A:VAL:HB	7	0.7
(34,801)	1:63:A:ILE:HD13	1:117:A:VAL:HB	7	0.7
(34,764)	1:37:A:LEU:H	1:40:A:LEU:HB3	1	0.7
(34,594)	1:126:A:GLY:H	1:128:A:LEU:HB2	7	0.7
(34,316)	1:64:A:LYS:HD2	1:65:A:CYS:H	14	0.7
(34,316)	1:64:A:LYS:HD3	1:65:A:CYS:H	14	0.7
(34,195)	1:44:A:GLU:H	1:44:A:GLU:HG2	11	0.7
(33,2263)	1:70:A:LYS:HG2	1:71:A:LYS:H	14	0.7
(33,2263)	1:70:A:LYS:HG3	1:71:A:LYS:H	14	0.7
(33,2263)	1:70:A:LYS:HG2	1:71:A:LYS:H	15	0.7
(33,2263)	1:70:A:LYS:HG3	1:71:A:LYS:H	15	0.7
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	13	0.7
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	13	0.7
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	13	0.7
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	13	0.7
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	13	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	13	0.7
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD11	10	0.7
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD12	10	0.7
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD13	10	0.7
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD21	10	0.7
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD22	10	0.7
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD23	10	0.7
(33,2086)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	16	0.7
(33,2086)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	16	0.7
(33,2086)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	16	0.7
(33,2086)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	16	0.7
(33,2086)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	16	0.7
(33,2086)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	16	0.7
(33,1944)	1:10:A:ASN:HD21	1:81:A:GLU:H	2	0.7
(33,1944)	1:10:A:ASN:HD22	1:81:A:GLU:H	2	0.7
(33,1862)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	7	0.7
(33,1862)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	7	0.7
(33,1855)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	7	0.7
(33,1844)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	6	0.7
(33,1844)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	6	0.7
(33,1844)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	18	0.7
(33,1844)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	18	0.7
(33,1659)	1:107:A:LEU:H	1:111:A:GLU:HB2	17	0.7
(33,1659)	1:107:A:LEU:H	1:111:A:GLU:HB3	17	0.7
(33,1457)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	18	0.7
(33,1457)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	18	0.7
(33,1457)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	18	0.7
(33,1457)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	18	0.7
(33,1457)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	18	0.7
(33,1457)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	18	0.7
(33,1457)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	18	0.7
(33,1457)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	18	0.7
(33,1457)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	18	0.7
(33,820)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	10	0.7
(33,820)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	10	0.7
(33,820)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	10	0.7
(33,310)	1:64:A:LYS:HD2	1:65:A:CYS:H	14	0.7
(33,310)	1:64:A:LYS:HD3	1:65:A:CYS:H	14	0.7
(33,190)	1:44:A:GLU:H	1:44:A:GLU:HG2	11	0.7
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD11	7	0.7
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD12	7	0.7
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD13	7	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD21	7	0.7
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD22	7	0.7
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD23	7	0.7
(32,2136)	1:43:A:MET:HE1	1:131:A:LEU:HD11	7	0.7
(32,2136)	1:43:A:MET:HE1	1:131:A:LEU:HD12	7	0.7
(32,2136)	1:43:A:MET:HE1	1:131:A:LEU:HD13	7	0.7
(32,2136)	1:43:A:MET:HE1	1:131:A:LEU:HD21	7	0.7
(32,2136)	1:43:A:MET:HE1	1:131:A:LEU:HD22	7	0.7
(32,2136)	1:43:A:MET:HE1	1:131:A:LEU:HD23	7	0.7
(32,2136)	1:43:A:MET:HE2	1:131:A:LEU:HD11	7	0.7
(32,2136)	1:43:A:MET:HE2	1:131:A:LEU:HD12	7	0.7
(32,2136)	1:43:A:MET:HE2	1:131:A:LEU:HD13	7	0.7
(32,2136)	1:43:A:MET:HE2	1:131:A:LEU:HD21	7	0.7
(32,2136)	1:43:A:MET:HE2	1:131:A:LEU:HD22	7	0.7
(32,2136)	1:43:A:MET:HE2	1:131:A:LEU:HD23	7	0.7
(32,2136)	1:43:A:MET:HE3	1:131:A:LEU:HD11	7	0.7
(32,2136)	1:43:A:MET:HE3	1:131:A:LEU:HD12	7	0.7
(32,2136)	1:43:A:MET:HE3	1:131:A:LEU:HD13	7	0.7
(32,2136)	1:43:A:MET:HE3	1:131:A:LEU:HD21	7	0.7
(32,2136)	1:43:A:MET:HE3	1:131:A:LEU:HD22	7	0.7
(32,2136)	1:43:A:MET:HE3	1:131:A:LEU:HD23	7	0.7
(32,2115)	1:41:A:LYS:H	1:44:A:GLU:HG2	4	0.7
(32,2115)	1:41:A:LYS:H	1:44:A:GLU:HG3	4	0.7
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD11	1	0.7
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD12	1	0.7
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD13	1	0.7
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD21	1	0.7
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD22	1	0.7
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD23	1	0.7
(32,1987)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	18	0.7
(32,1987)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	18	0.7
(32,1987)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	18	0.7
(32,1987)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	18	0.7
(32,1987)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	18	0.7
(32,1987)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	18	0.7
(32,1913)	1:10:A:ASN:HD21	1:81:A:GLU:H	2	0.7
(32,1913)	1:10:A:ASN:HD22	1:81:A:GLU:H	2	0.7
(32,1481)	1:110:A:MET:HE1	1:113:A:PHE:HE1	10	0.7
(32,1481)	1:110:A:MET:HE1	1:113:A:PHE:HE2	10	0.7
(32,1481)	1:110:A:MET:HE2	1:113:A:PHE:HE1	10	0.7
(32,1481)	1:110:A:MET:HE2	1:113:A:PHE:HE2	10	0.7
(32,1481)	1:110:A:MET:HE3	1:113:A:PHE:HE1	10	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1481)	1:110:A:MET:HE3	1:113:A:PHE:HE2	10	0.7
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE1	10	0.7
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE2	10	0.7
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE3	10	0.7
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE1	10	0.7
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE2	10	0.7
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE3	10	0.7
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE1	10	0.7
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE2	10	0.7
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE3	10	0.7
(32,1425)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	18	0.7
(32,1425)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	18	0.7
(32,1425)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	18	0.7
(32,1425)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	18	0.7
(32,1425)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	18	0.7
(32,1425)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	18	0.7
(32,1425)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	18	0.7
(32,1425)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	18	0.7
(32,1425)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	18	0.7
(32,1384)	1:70:A:LYS:HA	1:73:A:ILE:HG21	8	0.7
(32,1384)	1:70:A:LYS:HA	1:73:A:ILE:HG22	8	0.7
(32,1384)	1:70:A:LYS:HA	1:73:A:ILE:HG23	8	0.7
(32,1183)	1:11:A:ILE:HD11	1:131:A:LEU:HA	7	0.7
(32,1183)	1:11:A:ILE:HD12	1:131:A:LEU:HA	7	0.7
(32,1183)	1:11:A:ILE:HD13	1:131:A:LEU:HA	7	0.7
(32,958)	1:104:A:PHE:H	1:105:A:LYS:HD2	18	0.7
(32,958)	1:104:A:PHE:H	1:105:A:LYS:HD3	18	0.7
(32,799)	1:98:A:ILE:HD11	1:101:A:ILE:HB	8	0.7
(32,799)	1:98:A:ILE:HD12	1:101:A:ILE:HB	8	0.7
(32,799)	1:98:A:ILE:HD13	1:101:A:ILE:HB	8	0.7
(32,773)	1:63:A:ILE:HD11	1:117:A:VAL:HB	7	0.7
(32,773)	1:63:A:ILE:HD12	1:117:A:VAL:HB	7	0.7
(32,773)	1:63:A:ILE:HD13	1:117:A:VAL:HB	7	0.7
(32,680)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	5	0.7
(32,680)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	5	0.7
(32,180)	1:44:A:GLU:H	1:44:A:GLU:HG3	11	0.7
(30,2426)	1:136:A:CYS:HB2	1:141:A:LYS:HA	15	0.7
(30,2426)	1:136:A:CYS:HB3	1:141:A:LYS:HA	15	0.7
(30,2342)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	3	0.7
(30,2342)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	3	0.7
(30,2342)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	3	0.7
(30,2342)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	3	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2342)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	3	0.7
(30,2342)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	3	0.7
(30,2342)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	3	0.7
(30,2342)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	3	0.7
(30,2342)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	3	0.7
(30,2342)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	3	0.7
(30,2342)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	3	0.7
(30,2342)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	3	0.7
(30,2277)	1:75:A:GLY:HA2	1:77:A:CYS:HB2	1	0.7
(30,2277)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	1	0.7
(30,2277)	1:75:A:GLY:HA2	1:77:A:CYS:HB2	14	0.7
(30,2277)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	14	0.7
(30,2257)	1:70:A:LYS:HG2	1:71:A:LYS:H	19	0.7
(30,2257)	1:70:A:LYS:HG3	1:71:A:LYS:H	19	0.7
(30,2157)	1:43:A:MET:H	1:43:A:MET:HG2	8	0.7
(30,2157)	1:43:A:MET:H	1:43:A:MET:HG3	8	0.7
(30,2044)	1:27:A:ARG:HB2	1:29:A:LYS:H	12	0.7
(30,2044)	1:27:A:ARG:HB3	1:29:A:LYS:H	12	0.7
(30,2009)	1:16:A:SER:H	1:131:A:LEU:HD11	18	0.7
(30,2009)	1:16:A:SER:H	1:131:A:LEU:HD12	18	0.7
(30,2009)	1:16:A:SER:H	1:131:A:LEU:HD13	18	0.7
(30,2009)	1:16:A:SER:H	1:131:A:LEU:HD21	18	0.7
(30,2009)	1:16:A:SER:H	1:131:A:LEU:HD22	18	0.7
(30,2009)	1:16:A:SER:H	1:131:A:LEU:HD23	18	0.7
(30,1976)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	19	0.7
(30,1976)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	19	0.7
(30,1976)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	19	0.7
(30,1976)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	19	0.7
(30,1976)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	19	0.7
(30,1976)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	19	0.7
(30,1976)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	19	0.7
(30,1976)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	19	0.7
(30,1976)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	19	0.7
(30,1976)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	19	0.7
(30,1976)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	19	0.7
(30,1976)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	19	0.7
(30,1867)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	7	0.7
(30,1867)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	7	0.7
(30,1859)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	7	0.7
(30,1846)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	6	0.7
(30,1846)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	6	0.7
(30,1846)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	18	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1846)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	18	0.7
(30,1766)	1:39:A:VAL:HG21	1:144:A:LEU:H	9	0.7
(30,1766)	1:39:A:VAL:HG22	1:144:A:LEU:H	9	0.7
(30,1766)	1:39:A:VAL:HG23	1:144:A:LEU:H	9	0.7
(30,1673)	1:107:A:LEU:H	1:111:A:GLU:HB2	17	0.7
(30,1673)	1:107:A:LEU:H	1:111:A:GLU:HB3	17	0.7
(30,1657)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	19	0.7
(30,1657)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	19	0.7
(30,1657)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	19	0.7
(30,1419)	1:70:A:LYS:HA	1:73:A:ILE:HG21	8	0.7
(30,1419)	1:70:A:LYS:HA	1:73:A:ILE:HG22	8	0.7
(30,1419)	1:70:A:LYS:HA	1:73:A:ILE:HG23	8	0.7
(30,1289)	1:9:A:PHE:HE1	1:14:A:VAL:HG11	16	0.7
(30,1289)	1:9:A:PHE:HE1	1:14:A:VAL:HG12	16	0.7
(30,1289)	1:9:A:PHE:HE1	1:14:A:VAL:HG13	16	0.7
(30,1289)	1:9:A:PHE:HE2	1:14:A:VAL:HG11	16	0.7
(30,1289)	1:9:A:PHE:HE2	1:14:A:VAL:HG12	16	0.7
(30,1289)	1:9:A:PHE:HE2	1:14:A:VAL:HG13	16	0.7
(30,918)	1:125:A:THR:HB	1:129:A:LYS:HG2	8	0.7
(30,881)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	19	0.7
(30,881)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	19	0.7
(30,881)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	19	0.7
(30,816)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	8	0.7
(30,816)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	8	0.7
(30,816)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	8	0.7
(30,488)	1:98:A:ILE:H	1:105:A:LYS:H	5	0.7
(30,44)	1:44:A:GLU:HG3	1:47:A:ALA:H	8	0.7
(29,2318)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	19	0.7
(29,2318)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	19	0.7
(29,2318)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	19	0.7
(29,2318)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	19	0.7
(29,2318)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	19	0.7
(29,2318)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	19	0.7
(29,2318)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	19	0.7
(29,2318)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	19	0.7
(29,2318)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	19	0.7
(29,2318)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	19	0.7
(29,2318)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	19	0.7
(29,2318)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	19	0.7
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD11	10	0.7
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD12	10	0.7
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD13	10	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD21	10	0.7
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD22	10	0.7
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD23	10	0.7
(29,2157)	1:43:A:MET:HE1	1:131:A:LEU:HD11	7	0.7
(29,2157)	1:43:A:MET:HE1	1:131:A:LEU:HD12	7	0.7
(29,2157)	1:43:A:MET:HE1	1:131:A:LEU:HD13	7	0.7
(29,2157)	1:43:A:MET:HE1	1:131:A:LEU:HD21	7	0.7
(29,2157)	1:43:A:MET:HE1	1:131:A:LEU:HD22	7	0.7
(29,2157)	1:43:A:MET:HE1	1:131:A:LEU:HD23	7	0.7
(29,2157)	1:43:A:MET:HE2	1:131:A:LEU:HD11	7	0.7
(29,2157)	1:43:A:MET:HE2	1:131:A:LEU:HD12	7	0.7
(29,2157)	1:43:A:MET:HE2	1:131:A:LEU:HD13	7	0.7
(29,2157)	1:43:A:MET:HE2	1:131:A:LEU:HD21	7	0.7
(29,2157)	1:43:A:MET:HE2	1:131:A:LEU:HD22	7	0.7
(29,2157)	1:43:A:MET:HE2	1:131:A:LEU:HD23	7	0.7
(29,2157)	1:43:A:MET:HE3	1:131:A:LEU:HD11	7	0.7
(29,2157)	1:43:A:MET:HE3	1:131:A:LEU:HD12	7	0.7
(29,2157)	1:43:A:MET:HE3	1:131:A:LEU:HD13	7	0.7
(29,2157)	1:43:A:MET:HE3	1:131:A:LEU:HD21	7	0.7
(29,2157)	1:43:A:MET:HE3	1:131:A:LEU:HD22	7	0.7
(29,2157)	1:43:A:MET:HE3	1:131:A:LEU:HD23	7	0.7
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD11	1	0.7
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD12	1	0.7
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD13	1	0.7
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD21	1	0.7
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD22	1	0.7
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD23	1	0.7
(29,1884)	1:9:A:PHE:HE1	1:58:A:ILE:HG12	3	0.7
(29,1884)	1:9:A:PHE:HE2	1:58:A:ILE:HG12	3	0.7
(29,1784)	1:39:A:VAL:HG21	1:144:A:LEU:H	9	0.7
(29,1784)	1:39:A:VAL:HG22	1:144:A:LEU:H	9	0.7
(29,1784)	1:39:A:VAL:HG23	1:144:A:LEU:H	9	0.7
(29,1692)	1:107:A:LEU:H	1:111:A:GLU:HB2	17	0.7
(29,1692)	1:107:A:LEU:H	1:111:A:GLU:HB3	17	0.7
(29,1029)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	17	0.7
(29,1029)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	17	0.7
(29,933)	1:125:A:THR:HB	1:129:A:LYS:HG2	8	0.7
(29,898)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	19	0.7
(29,898)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	19	0.7
(29,898)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	19	0.7
(29,723)	1:48:A:ARG:HE	1:49:A:LYS:H	18	0.7
(29,714)	1:23:A:LEU:HB2	1:27:A:ARG:HE	9	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,714)	1:23:A:LEU:HB3	1:27:A:ARG:HE	9	0.7
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE1	10	0.7
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE2	10	0.7
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE3	10	0.7
(29,296)	1:43:A:MET:H	1:43:A:MET:HG3	17	0.7
(29,279)	1:113:A:PHE:H	1:116:A:GLN:HG3	9	0.7
(29,73)	1:63:A:ILE:HG21	1:117:A:VAL:H	11	0.7
(29,73)	1:63:A:ILE:HG22	1:117:A:VAL:H	11	0.7
(29,73)	1:63:A:ILE:HG23	1:117:A:VAL:H	11	0.7
(23,18)	1:119:A:LEU:N	1:115:A:ALA:O	8	0.7
(23,16)	1:117:A:VAL:N	1:113:A:PHE:O	7	0.7
(23,16)	1:117:A:VAL:N	1:113:A:PHE:O	8	0.7
(22,40)	1:128:A:LEU:N	1:124:A:THR:C	17	0.7
(22,35)	1:119:A:LEU:H	1:115:A:ALA:C	7	0.7
(22,35)	1:119:A:LEU:H	1:115:A:ALA:C	13	0.7
(22,32)	1:117:A:VAL:N	1:113:A:PHE:C	5	0.7
(22,30)	1:116:A:GLN:N	1:112:A:GLN:C	8	0.7
(22,9)	1:58:A:ILE:H	1:54:A:ARG:C	8	0.7
(19,5)	1:123:A:CYS:SG	1:127:A:CYS:CB	19	0.7
(18,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD11	7	0.7
(18,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD12	7	0.7
(18,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD13	7	0.7
(18,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD21	7	0.7
(18,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD22	7	0.7
(18,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD23	7	0.7
(18,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD11	7	0.7
(18,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD12	7	0.7
(18,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD13	7	0.7
(18,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD21	7	0.7
(18,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD22	7	0.7
(18,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD23	7	0.7
(18,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD11	7	0.7
(18,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD12	7	0.7
(18,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD13	7	0.7
(18,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD21	7	0.7
(18,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD22	7	0.7
(18,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD23	7	0.7
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD11	1	0.7
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD12	1	0.7
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD13	1	0.7
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD21	1	0.7
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD22	1	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD23	1	0.7
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	11	0.7
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	11	0.7
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	11	0.7
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	11	0.7
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	11	0.7
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	11	0.7
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	11	0.7
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	11	0.7
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	11	0.7
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	11	0.7
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	11	0.7
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	11	0.7
(18,2015)	1:18:A:PHE:HB2	1:132:A:ALA:HA	2	0.7
(18,2015)	1:18:A:PHE:HB3	1:132:A:ALA:HA	2	0.7
(18,1946)	1:10:A:ASN:HD21	1:81:A:GLU:H	2	0.7
(18,1946)	1:10:A:ASN:HD22	1:81:A:GLU:H	2	0.7
(18,1837)	1:80:A:TYR:HE1	1:81:A:GLU:HB2	14	0.7
(18,1837)	1:80:A:TYR:HE2	1:81:A:GLU:HB2	14	0.7
(18,1634)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	17	0.7
(18,1634)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	17	0.7
(18,1634)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	17	0.7
(18,1634)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	17	0.7
(18,1634)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	17	0.7
(18,1634)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	17	0.7
(18,1531)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	13	0.7
(18,1531)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	13	0.7
(18,1531)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	13	0.7
(18,1531)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	13	0.7
(18,1531)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	13	0.7
(18,1531)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	13	0.7
(18,1235)	1:79:A:THR:HG21	1:81:A:GLU:HA	1	0.7
(18,1235)	1:79:A:THR:HG22	1:81:A:GLU:HA	1	0.7
(18,1235)	1:79:A:THR:HG23	1:81:A:GLU:HA	1	0.7
(18,1031)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	17	0.7
(18,1031)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	17	0.7
(18,908)	1:67:A:PRO:HD3	1:95:A:ILE:HB	10	0.7
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	12	0.7
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	12	0.7
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	12	0.7
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	12	0.7
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	12	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	12	0.7
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	12	0.7
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	12	0.7
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	12	0.7
(18,783)	1:101:A:ILE:HD11	1:104:A:PHE:H	3	0.7
(18,783)	1:101:A:ILE:HD12	1:104:A:PHE:H	3	0.7
(18,783)	1:101:A:ILE:HD13	1:104:A:PHE:H	3	0.7
(18,194)	1:44:A:GLU:H	1:44:A:GLU:HG3	11	0.7
(18,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	6	0.7
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	13	0.7
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	13	0.7
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	13	0.7
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	13	0.7
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	13	0.7
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	13	0.7
(17,2215)	1:57:A:LEU:HD11	1:60:A:LEU:HG	1	0.7
(17,2215)	1:57:A:LEU:HD12	1:60:A:LEU:HG	1	0.7
(17,2215)	1:57:A:LEU:HD13	1:60:A:LEU:HG	1	0.7
(17,2215)	1:57:A:LEU:HD21	1:60:A:LEU:HG	1	0.7
(17,2215)	1:57:A:LEU:HD22	1:60:A:LEU:HG	1	0.7
(17,2215)	1:57:A:LEU:HD23	1:60:A:LEU:HG	1	0.7
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	11	0.7
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	11	0.7
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	11	0.7
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	11	0.7
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	11	0.7
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	11	0.7
(17,1881)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	7	0.7
(17,1881)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	7	0.7
(17,1874)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	7	0.7
(17,1778)	1:39:A:VAL:HG21	1:144:A:LEU:H	9	0.7
(17,1778)	1:39:A:VAL:HG22	1:144:A:LEU:H	9	0.7
(17,1778)	1:39:A:VAL:HG23	1:144:A:LEU:H	9	0.7
(17,1686)	1:107:A:LEU:H	1:111:A:GLU:HB2	17	0.7
(17,1686)	1:107:A:LEU:H	1:111:A:GLU:HB3	17	0.7
(17,1261)	1:12:A:VAL:H	1:12:A:VAL:HG11	1	0.7
(17,1261)	1:12:A:VAL:H	1:12:A:VAL:HG12	1	0.7
(17,1261)	1:12:A:VAL:H	1:12:A:VAL:HG13	1	0.7
(17,1261)	1:12:A:VAL:H	1:12:A:VAL:HG11	3	0.7
(17,1261)	1:12:A:VAL:H	1:12:A:VAL:HG12	3	0.7
(17,1261)	1:12:A:VAL:H	1:12:A:VAL:HG13	3	0.7
(17,1261)	1:12:A:VAL:H	1:12:A:VAL:HG11	7	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1261)	1:12:A:VAL:H	1:12:A:VAL:HG12	7	0.7
(17,1261)	1:12:A:VAL:H	1:12:A:VAL:HG13	7	0.7
(17,1261)	1:12:A:VAL:H	1:12:A:VAL:HG11	14	0.7
(17,1261)	1:12:A:VAL:H	1:12:A:VAL:HG12	14	0.7
(17,1261)	1:12:A:VAL:H	1:12:A:VAL:HG13	14	0.7
(17,1261)	1:12:A:VAL:H	1:12:A:VAL:HG11	19	0.7
(17,1261)	1:12:A:VAL:H	1:12:A:VAL:HG12	19	0.7
(17,1261)	1:12:A:VAL:H	1:12:A:VAL:HG13	19	0.7
(17,1092)	1:45:A:ALA:HA	1:48:A:ARG:HG2	3	0.7
(17,1092)	1:45:A:ALA:HA	1:48:A:ARG:HG3	3	0.7
(17,1021)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	17	0.7
(17,1021)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	17	0.7
(17,929)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	3	0.7
(17,929)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	3	0.7
(17,929)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	3	0.7
(17,929)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	3	0.7
(17,895)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	19	0.7
(17,895)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	19	0.7
(17,895)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	19	0.7
(17,466)	1:14:A:VAL:H	1:61:A:SER:HA	1	0.7
(17,466)	1:14:A:VAL:H	1:61:A:SER:HA	15	0.7
(17,423)	1:39:A:VAL:HG21	1:143:A:TRP:H	1	0.7
(17,423)	1:39:A:VAL:HG22	1:143:A:TRP:H	1	0.7
(17,423)	1:39:A:VAL:HG23	1:143:A:TRP:H	1	0.7
(17,308)	1:64:A:LYS:HD2	1:65:A:CYS:H	14	0.7
(17,308)	1:64:A:LYS:HD3	1:65:A:CYS:H	14	0.7
(17,276)	1:113:A:PHE:H	1:116:A:GLN:HG3	9	0.7
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD11	2	0.7
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD12	2	0.7
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD13	2	0.7
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD21	2	0.7
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD22	2	0.7
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD23	2	0.7
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD11	10	0.7
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD12	10	0.7
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD13	10	0.7
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD21	10	0.7
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD22	10	0.7
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD23	10	0.7
(16,2152)	1:43:A:MET:HE1	1:131:A:LEU:HD11	7	0.7
(16,2152)	1:43:A:MET:HE1	1:131:A:LEU:HD12	7	0.7
(16,2152)	1:43:A:MET:HE1	1:131:A:LEU:HD13	7	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2152)	1:43:A:MET:HE1	1:131:A:LEU:HD21	7	0.7
(16,2152)	1:43:A:MET:HE1	1:131:A:LEU:HD22	7	0.7
(16,2152)	1:43:A:MET:HE1	1:131:A:LEU:HD23	7	0.7
(16,2152)	1:43:A:MET:HE2	1:131:A:LEU:HD11	7	0.7
(16,2152)	1:43:A:MET:HE2	1:131:A:LEU:HD12	7	0.7
(16,2152)	1:43:A:MET:HE2	1:131:A:LEU:HD13	7	0.7
(16,2152)	1:43:A:MET:HE2	1:131:A:LEU:HD21	7	0.7
(16,2152)	1:43:A:MET:HE2	1:131:A:LEU:HD22	7	0.7
(16,2152)	1:43:A:MET:HE2	1:131:A:LEU:HD23	7	0.7
(16,2152)	1:43:A:MET:HE3	1:131:A:LEU:HD11	7	0.7
(16,2152)	1:43:A:MET:HE3	1:131:A:LEU:HD12	7	0.7
(16,2152)	1:43:A:MET:HE3	1:131:A:LEU:HD13	7	0.7
(16,2152)	1:43:A:MET:HE3	1:131:A:LEU:HD21	7	0.7
(16,2152)	1:43:A:MET:HE3	1:131:A:LEU:HD22	7	0.7
(16,2152)	1:43:A:MET:HE3	1:131:A:LEU:HD23	7	0.7
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD11	1	0.7
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD12	1	0.7
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD13	1	0.7
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD21	1	0.7
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD22	1	0.7
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD23	1	0.7
(16,2092)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	16	0.7
(16,2092)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	16	0.7
(16,2092)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	16	0.7
(16,2092)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	16	0.7
(16,2092)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	16	0.7
(16,2092)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	16	0.7
(16,1918)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	16	0.7
(16,1918)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	16	0.7
(16,1918)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	16	0.7
(16,1918)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	16	0.7
(16,1851)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	2	0.7
(16,1851)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	2	0.7
(16,1835)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	6	0.7
(16,1835)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	6	0.7
(16,1835)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	18	0.7
(16,1835)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	18	0.7
(16,1756)	1:39:A:VAL:HG21	1:144:A:LEU:H	9	0.7
(16,1756)	1:39:A:VAL:HG22	1:144:A:LEU:H	9	0.7
(16,1756)	1:39:A:VAL:HG23	1:144:A:LEU:H	9	0.7
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG11	5	0.7
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG12	5	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG13	5	0.7
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG11	19	0.7
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG12	19	0.7
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG13	19	0.7
(16,1564)	1:63:A:ILE:HD11	1:113:A:PHE:HA	19	0.7
(16,1564)	1:63:A:ILE:HD12	1:113:A:PHE:HA	19	0.7
(16,1564)	1:63:A:ILE:HD13	1:113:A:PHE:HA	19	0.7
(16,1544)	1:46:A:ASN:HB2	1:134:A:VAL:H	11	0.7
(16,1530)	1:69:A:MET:HE1	1:76:A:ARG:HB3	3	0.7
(16,1530)	1:69:A:MET:HE2	1:76:A:ARG:HB3	3	0.7
(16,1530)	1:69:A:MET:HE3	1:76:A:ARG:HB3	3	0.7
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	3	0.7
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	3	0.7
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	3	0.7
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	3	0.7
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	3	0.7
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	3	0.7
(16,1261)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	13	0.7
(16,1261)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	13	0.7
(16,1261)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	13	0.7
(16,1261)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	13	0.7
(16,1261)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	13	0.7
(16,1261)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	13	0.7
(16,1261)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	13	0.7
(16,1261)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	13	0.7
(16,1261)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	13	0.7
(16,735)	1:73:A:ILE:HG21	1:76:A:ARG:HE	16	0.7
(16,735)	1:73:A:ILE:HG22	1:76:A:ARG:HE	16	0.7
(16,735)	1:73:A:ILE:HG23	1:76:A:ARG:HE	16	0.7
(16,355)	1:73:A:ILE:HD11	1:111:A:GLU:H	11	0.7
(16,355)	1:73:A:ILE:HD12	1:111:A:GLU:H	11	0.7
(16,355)	1:73:A:ILE:HD13	1:111:A:GLU:H	11	0.7
(16,121)	1:78:A:HIS:HA	1:80:A:TYR:H	5	0.7
(16,54)	1:47:A:ALA:H	1:134:A:VAL:HG11	9	0.7
(16,54)	1:47:A:ALA:H	1:134:A:VAL:HG12	9	0.7
(16,54)	1:47:A:ALA:H	1:134:A:VAL:HG13	9	0.7
(15,2410)	1:129:A:LYS:HG2	1:130:A:GLY:H	8	0.7
(15,2410)	1:129:A:LYS:HG3	1:130:A:GLY:H	8	0.7
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG2	7	0.7
(15,2337)	1:110:A:MET:H	1:111:A:GLU:HG3	7	0.7
(15,2175)	1:57:A:LEU:HD11	1:60:A:LEU:HG	1	0.7
(15,2175)	1:57:A:LEU:HD12	1:60:A:LEU:HG	1	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2175)	1:57:A:LEU:HD13	1:60:A:LEU:HG	1	0.7
(15,2175)	1:57:A:LEU:HD21	1:60:A:LEU:HG	1	0.7
(15,2175)	1:57:A:LEU:HD22	1:60:A:LEU:HG	1	0.7
(15,2175)	1:57:A:LEU:HD23	1:60:A:LEU:HG	1	0.7
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	11	0.7
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	11	0.7
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	11	0.7
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	11	0.7
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	11	0.7
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	11	0.7
(15,1994)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	18	0.7
(15,1994)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	18	0.7
(15,1994)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	18	0.7
(15,1994)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	18	0.7
(15,1994)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	18	0.7
(15,1994)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	18	0.7
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	18	0.7
(15,1834)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	18	0.7
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	18	0.7
(15,1834)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	18	0.7
(15,1831)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	6	0.7
(15,1831)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	6	0.7
(15,1831)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	18	0.7
(15,1831)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	18	0.7
(15,1664)	1:107:A:LEU:H	1:111:A:GLU:HB2	17	0.7
(15,1664)	1:107:A:LEU:H	1:111:A:GLU:HB3	17	0.7
(15,1424)	1:69:A:MET:HE1	1:73:A:ILE:HG21	19	0.7
(15,1424)	1:69:A:MET:HE1	1:73:A:ILE:HG22	19	0.7
(15,1424)	1:69:A:MET:HE1	1:73:A:ILE:HG23	19	0.7
(15,1424)	1:69:A:MET:HE2	1:73:A:ILE:HG21	19	0.7
(15,1424)	1:69:A:MET:HE2	1:73:A:ILE:HG22	19	0.7
(15,1424)	1:69:A:MET:HE2	1:73:A:ILE:HG23	19	0.7
(15,1424)	1:69:A:MET:HE3	1:73:A:ILE:HG21	19	0.7
(15,1424)	1:69:A:MET:HE3	1:73:A:ILE:HG22	19	0.7
(15,1424)	1:69:A:MET:HE3	1:73:A:ILE:HG23	19	0.7
(15,1417)	1:70:A:LYS:HA	1:73:A:ILE:HG21	8	0.7
(15,1417)	1:70:A:LYS:HA	1:73:A:ILE:HG22	8	0.7
(15,1417)	1:70:A:LYS:HA	1:73:A:ILE:HG23	8	0.7
(15,1256)	1:12:A:VAL:H	1:12:A:VAL:HG11	1	0.7
(15,1256)	1:12:A:VAL:H	1:12:A:VAL:HG12	1	0.7
(15,1256)	1:12:A:VAL:H	1:12:A:VAL:HG13	1	0.7
(15,1256)	1:12:A:VAL:H	1:12:A:VAL:HG11	3	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1256)	1:12:A:VAL:H	1:12:A:VAL:HG12	3	0.7
(15,1256)	1:12:A:VAL:H	1:12:A:VAL:HG13	3	0.7
(15,1256)	1:12:A:VAL:H	1:12:A:VAL:HG11	7	0.7
(15,1256)	1:12:A:VAL:H	1:12:A:VAL:HG12	7	0.7
(15,1256)	1:12:A:VAL:H	1:12:A:VAL:HG13	7	0.7
(15,1256)	1:12:A:VAL:H	1:12:A:VAL:HG11	14	0.7
(15,1256)	1:12:A:VAL:H	1:12:A:VAL:HG12	14	0.7
(15,1256)	1:12:A:VAL:H	1:12:A:VAL:HG13	14	0.7
(15,1256)	1:12:A:VAL:H	1:12:A:VAL:HG11	19	0.7
(15,1256)	1:12:A:VAL:H	1:12:A:VAL:HG12	19	0.7
(15,1256)	1:12:A:VAL:H	1:12:A:VAL:HG13	19	0.7
(15,887)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	19	0.7
(15,887)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	19	0.7
(15,887)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	19	0.7
(15,818)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	10	0.7
(15,818)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	10	0.7
(15,818)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	10	0.7
(15,817)	1:98:A:ILE:HD11	1:104:A:PHE:HB2	12	0.7
(15,817)	1:98:A:ILE:HD12	1:104:A:PHE:HB2	12	0.7
(15,817)	1:98:A:ILE:HD13	1:104:A:PHE:HB2	12	0.7
(15,313)	1:64:A:LYS:HD2	1:65:A:CYS:H	14	0.7
(15,313)	1:64:A:LYS:HD3	1:65:A:CYS:H	14	0.7
(15,32)	1:96:A:VAL:H	1:97:A:ASP:H	10	0.7
(13,2158)	1:57:A:LEU:HD11	1:60:A:LEU:HG	1	0.7
(13,2158)	1:57:A:LEU:HD12	1:60:A:LEU:HG	1	0.7
(13,2158)	1:57:A:LEU:HD13	1:60:A:LEU:HG	1	0.7
(13,2158)	1:57:A:LEU:HD21	1:60:A:LEU:HG	1	0.7
(13,2158)	1:57:A:LEU:HD22	1:60:A:LEU:HG	1	0.7
(13,2158)	1:57:A:LEU:HD23	1:60:A:LEU:HG	1	0.7
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD11	1	0.7
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD12	1	0.7
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD13	1	0.7
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD21	1	0.7
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD22	1	0.7
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD23	1	0.7
(13,1891)	1:9:A:PHE:HE1	1:54:A:ARG:HB2	17	0.7
(13,1891)	1:9:A:PHE:HE1	1:54:A:ARG:HB3	17	0.7
(13,1891)	1:9:A:PHE:HE2	1:54:A:ARG:HB2	17	0.7
(13,1891)	1:9:A:PHE:HE2	1:54:A:ARG:HB3	17	0.7
(13,1637)	1:107:A:LEU:H	1:111:A:GLU:HB2	17	0.7
(13,1637)	1:107:A:LEU:H	1:111:A:GLU:HB3	17	0.7
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG21	2	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG22	2	0.7
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG23	2	0.7
(13,1422)	1:31:A:PRO:HD2	1:144:A:LEU:HB3	11	0.7
(13,1400)	1:69:A:MET:HE1	1:73:A:ILE:HG21	19	0.7
(13,1400)	1:69:A:MET:HE1	1:73:A:ILE:HG22	19	0.7
(13,1400)	1:69:A:MET:HE1	1:73:A:ILE:HG23	19	0.7
(13,1400)	1:69:A:MET:HE2	1:73:A:ILE:HG21	19	0.7
(13,1400)	1:69:A:MET:HE2	1:73:A:ILE:HG22	19	0.7
(13,1400)	1:69:A:MET:HE2	1:73:A:ILE:HG23	19	0.7
(13,1400)	1:69:A:MET:HE3	1:73:A:ILE:HG21	19	0.7
(13,1400)	1:69:A:MET:HE3	1:73:A:ILE:HG22	19	0.7
(13,1400)	1:69:A:MET:HE3	1:73:A:ILE:HG23	19	0.7
(13,1393)	1:70:A:LYS:HA	1:73:A:ILE:HG21	8	0.7
(13,1393)	1:70:A:LYS:HA	1:73:A:ILE:HG22	8	0.7
(13,1393)	1:70:A:LYS:HA	1:73:A:ILE:HG23	8	0.7
(13,875)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	19	0.7
(13,875)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	19	0.7
(13,875)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	19	0.7
(13,785)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	10	0.7
(13,785)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	10	0.7
(13,785)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	10	0.7
(13,745)	1:32:A:GLY:HA2	1:34:A:LYS:H	6	0.7
(13,709)	1:73:A:ILE:HG21	1:76:A:ARG:HE	18	0.7
(13,709)	1:73:A:ILE:HG22	1:76:A:ARG:HE	18	0.7
(13,709)	1:73:A:ILE:HG23	1:76:A:ARG:HE	18	0.7
(13,417)	1:100:A:ALA:H	1:119:A:LEU:HB3	7	0.7
(11,2096)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	16	0.7
(11,2096)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	16	0.7
(11,2096)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	16	0.7
(11,2096)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	16	0.7
(11,2096)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	16	0.7
(11,2096)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	16	0.7
(11,1871)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	6	0.7
(11,1871)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	6	0.7
(11,1871)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	18	0.7
(11,1871)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	18	0.7
(11,1800)	1:97:A:ASP:HA	1:105:A:LYS:HG3	1	0.7
(11,1798)	1:39:A:VAL:HG21	1:144:A:LEU:H	9	0.7
(11,1798)	1:39:A:VAL:HG22	1:144:A:LEU:H	9	0.7
(11,1798)	1:39:A:VAL:HG23	1:144:A:LEU:H	9	0.7
(11,1704)	1:107:A:LEU:H	1:111:A:GLU:HB2	17	0.7
(11,1704)	1:107:A:LEU:H	1:111:A:GLU:HB3	17	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1687)	1:134:A:VAL:HG21	1:137:A:SER:H	2	0.7
(11,1687)	1:134:A:VAL:HG22	1:137:A:SER:H	2	0.7
(11,1687)	1:134:A:VAL:HG23	1:137:A:SER:H	2	0.7
(11,1597)	1:11:A:ILE:HD11	1:18:A:PHE:HD1	14	0.7
(11,1597)	1:11:A:ILE:HD11	1:18:A:PHE:HD2	14	0.7
(11,1597)	1:11:A:ILE:HD12	1:18:A:PHE:HD1	14	0.7
(11,1597)	1:11:A:ILE:HD12	1:18:A:PHE:HD2	14	0.7
(11,1597)	1:11:A:ILE:HD13	1:18:A:PHE:HD1	14	0.7
(11,1597)	1:11:A:ILE:HD13	1:18:A:PHE:HD2	14	0.7
(11,1552)	1:69:A:MET:HE1	1:109:A:PRO:HB2	1	0.7
(11,1552)	1:69:A:MET:HE1	1:109:A:PRO:HB3	1	0.7
(11,1552)	1:69:A:MET:HE2	1:109:A:PRO:HB2	1	0.7
(11,1552)	1:69:A:MET:HE2	1:109:A:PRO:HB3	1	0.7
(11,1552)	1:69:A:MET:HE3	1:109:A:PRO:HB2	1	0.7
(11,1552)	1:69:A:MET:HE3	1:109:A:PRO:HB3	1	0.7
(11,1027)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	17	0.7
(11,1027)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	17	0.7
(11,974)	1:11:A:ILE:HG12	1:14:A:VAL:HB	17	0.7
(11,725)	1:73:A:ILE:HG21	1:76:A:ARG:HE	16	0.7
(11,725)	1:73:A:ILE:HG22	1:76:A:ARG:HE	16	0.7
(11,725)	1:73:A:ILE:HG23	1:76:A:ARG:HE	16	0.7
(11,686)	1:145:A:PRO:HB3	1:148:A:CYS:H	1	0.7
(11,637)	1:59:A:CYS:H	1:60:A:LEU:HB3	16	0.7
(11,637)	1:59:A:CYS:H	1:60:A:LEU:HB3	18	0.7
(11,400)	1:105:A:LYS:HD2	1:106:A:ASP:H	1	0.7
(11,400)	1:105:A:LYS:HD3	1:106:A:ASP:H	1	0.7
(11,314)	1:64:A:LYS:HD2	1:65:A:CYS:H	19	0.7
(11,314)	1:64:A:LYS:HD3	1:65:A:CYS:H	19	0.7
(11,280)	1:113:A:PHE:H	1:116:A:GLN:HG3	9	0.7
(9,2126)	1:43:A:MET:HE1	1:131:A:LEU:HD11	7	0.7
(9,2126)	1:43:A:MET:HE1	1:131:A:LEU:HD12	7	0.7
(9,2126)	1:43:A:MET:HE1	1:131:A:LEU:HD13	7	0.7
(9,2126)	1:43:A:MET:HE1	1:131:A:LEU:HD21	7	0.7
(9,2126)	1:43:A:MET:HE1	1:131:A:LEU:HD22	7	0.7
(9,2126)	1:43:A:MET:HE1	1:131:A:LEU:HD23	7	0.7
(9,2126)	1:43:A:MET:HE2	1:131:A:LEU:HD11	7	0.7
(9,2126)	1:43:A:MET:HE2	1:131:A:LEU:HD12	7	0.7
(9,2126)	1:43:A:MET:HE2	1:131:A:LEU:HD13	7	0.7
(9,2126)	1:43:A:MET:HE2	1:131:A:LEU:HD21	7	0.7
(9,2126)	1:43:A:MET:HE2	1:131:A:LEU:HD22	7	0.7
(9,2126)	1:43:A:MET:HE2	1:131:A:LEU:HD23	7	0.7
(9,2126)	1:43:A:MET:HE3	1:131:A:LEU:HD11	7	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2126)	1:43:A:MET:HE3	1:131:A:LEU:HD12	7	0.7
(9,2126)	1:43:A:MET:HE3	1:131:A:LEU:HD13	7	0.7
(9,2126)	1:43:A:MET:HE3	1:131:A:LEU:HD21	7	0.7
(9,2126)	1:43:A:MET:HE3	1:131:A:LEU:HD22	7	0.7
(9,2126)	1:43:A:MET:HE3	1:131:A:LEU:HD23	7	0.7
(9,2023)	1:23:A:LEU:HD11	1:147:A:ARG:H	16	0.7
(9,2023)	1:23:A:LEU:HD12	1:147:A:ARG:H	16	0.7
(9,2023)	1:23:A:LEU:HD13	1:147:A:ARG:H	16	0.7
(9,2023)	1:23:A:LEU:HD21	1:147:A:ARG:H	16	0.7
(9,2023)	1:23:A:LEU:HD22	1:147:A:ARG:H	16	0.7
(9,2023)	1:23:A:LEU:HD23	1:147:A:ARG:H	16	0.7
(9,1911)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	3	0.7
(9,1791)	1:9:A:PHE:HD1	1:11:A:ILE:HB	2	0.7
(9,1791)	1:9:A:PHE:HD2	1:11:A:ILE:HB	2	0.7
(9,1661)	1:107:A:LEU:H	1:111:A:GLU:HB2	17	0.7
(9,1661)	1:107:A:LEU:H	1:111:A:GLU:HB3	17	0.7
(9,1640)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	17	0.7
(9,1640)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	17	0.7
(9,1640)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	17	0.7
(9,1640)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	17	0.7
(9,1640)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	17	0.7
(9,1640)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	17	0.7
(9,1413)	1:70:A:LYS:HA	1:73:A:ILE:HG21	8	0.7
(9,1413)	1:70:A:LYS:HA	1:73:A:ILE:HG22	8	0.7
(9,1413)	1:70:A:LYS:HA	1:73:A:ILE:HG23	8	0.7
(9,1247)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	17	0.7
(9,1247)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	17	0.7
(9,1247)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	17	0.7
(9,1247)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	17	0.7
(9,1247)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	17	0.7
(9,1247)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	17	0.7
(9,1198)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	13	0.7
(9,1198)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	13	0.7
(9,1198)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	13	0.7
(9,1198)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	13	0.7
(9,1198)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	13	0.7
(9,1198)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	13	0.7
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB2	13	0.7
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB3	13	0.7
(9,757)	1:37:A:LEU:H	1:40:A:LEU:HB3	1	0.7
(9,588)	1:70:A:LYS:HB2	1:75:A:GLY:H	8	0.7
(9,588)	1:70:A:LYS:HB3	1:75:A:GLY:H	8	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,286)	1:113:A:PHE:H	1:116:A:GLN:HG3	9	0.7
(7,2122)	1:43:A:MET:HE1	1:131:A:LEU:HD11	7	0.7
(7,2122)	1:43:A:MET:HE1	1:131:A:LEU:HD12	7	0.7
(7,2122)	1:43:A:MET:HE1	1:131:A:LEU:HD13	7	0.7
(7,2122)	1:43:A:MET:HE1	1:131:A:LEU:HD21	7	0.7
(7,2122)	1:43:A:MET:HE1	1:131:A:LEU:HD22	7	0.7
(7,2122)	1:43:A:MET:HE1	1:131:A:LEU:HD23	7	0.7
(7,2122)	1:43:A:MET:HE2	1:131:A:LEU:HD11	7	0.7
(7,2122)	1:43:A:MET:HE2	1:131:A:LEU:HD12	7	0.7
(7,2122)	1:43:A:MET:HE2	1:131:A:LEU:HD13	7	0.7
(7,2122)	1:43:A:MET:HE2	1:131:A:LEU:HD21	7	0.7
(7,2122)	1:43:A:MET:HE2	1:131:A:LEU:HD22	7	0.7
(7,2122)	1:43:A:MET:HE2	1:131:A:LEU:HD23	7	0.7
(7,2122)	1:43:A:MET:HE3	1:131:A:LEU:HD11	7	0.7
(7,2122)	1:43:A:MET:HE3	1:131:A:LEU:HD12	7	0.7
(7,2122)	1:43:A:MET:HE3	1:131:A:LEU:HD13	7	0.7
(7,2122)	1:43:A:MET:HE3	1:131:A:LEU:HD21	7	0.7
(7,2122)	1:43:A:MET:HE3	1:131:A:LEU:HD22	7	0.7
(7,2122)	1:43:A:MET:HE3	1:131:A:LEU:HD23	7	0.7
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD11	1	0.7
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD12	1	0.7
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD13	1	0.7
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD21	1	0.7
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD22	1	0.7
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD23	1	0.7
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD11	12	0.7
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD12	12	0.7
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD13	12	0.7
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD21	12	0.7
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD22	12	0.7
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD23	12	0.7
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	8	0.7
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	8	0.7
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	8	0.7
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	8	0.7
(7,1726)	1:39:A:VAL:HG21	1:144:A:LEU:H	9	0.7
(7,1726)	1:39:A:VAL:HG22	1:144:A:LEU:H	9	0.7
(7,1726)	1:39:A:VAL:HG23	1:144:A:LEU:H	9	0.7
(7,1690)	1:21:A:THR:HG21	1:147:A:ARG:HE	14	0.7
(7,1690)	1:21:A:THR:HG22	1:147:A:ARG:HE	14	0.7
(7,1690)	1:21:A:THR:HG23	1:147:A:ARG:HE	14	0.7
(7,1639)	1:107:A:LEU:H	1:111:A:GLU:HB2	17	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1639)	1:107:A:LEU:H	1:111:A:GLU:HB3	17	0.7
(7,1621)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	15	0.7
(7,1621)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	15	0.7
(7,1621)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	15	0.7
(7,1621)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	15	0.7
(7,1621)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	15	0.7
(7,1621)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	15	0.7
(7,1621)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	15	0.7
(7,1621)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	15	0.7
(7,1621)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	15	0.7
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE1	10	0.7
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE2	10	0.7
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE3	10	0.7
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE1	10	0.7
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE2	10	0.7
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE3	10	0.7
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE1	10	0.7
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE2	10	0.7
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE3	10	0.7
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	18	0.7
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	18	0.7
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	18	0.7
(7,1402)	1:70:A:LYS:HA	1:73:A:ILE:HG21	8	0.7
(7,1402)	1:70:A:LYS:HA	1:73:A:ILE:HG22	8	0.7
(7,1402)	1:70:A:LYS:HA	1:73:A:ILE:HG23	8	0.7
(7,1235)	1:12:A:VAL:H	1:12:A:VAL:HG11	1	0.7
(7,1235)	1:12:A:VAL:H	1:12:A:VAL:HG12	1	0.7
(7,1235)	1:12:A:VAL:H	1:12:A:VAL:HG13	1	0.7
(7,1235)	1:12:A:VAL:H	1:12:A:VAL:HG11	3	0.7
(7,1235)	1:12:A:VAL:H	1:12:A:VAL:HG12	3	0.7
(7,1235)	1:12:A:VAL:H	1:12:A:VAL:HG13	3	0.7
(7,1235)	1:12:A:VAL:H	1:12:A:VAL:HG11	7	0.7
(7,1235)	1:12:A:VAL:H	1:12:A:VAL:HG12	7	0.7
(7,1235)	1:12:A:VAL:H	1:12:A:VAL:HG13	7	0.7
(7,1235)	1:12:A:VAL:H	1:12:A:VAL:HG11	14	0.7
(7,1235)	1:12:A:VAL:H	1:12:A:VAL:HG12	14	0.7
(7,1235)	1:12:A:VAL:H	1:12:A:VAL:HG13	14	0.7
(7,1235)	1:12:A:VAL:H	1:12:A:VAL:HG11	19	0.7
(7,1235)	1:12:A:VAL:H	1:12:A:VAL:HG12	19	0.7
(7,1235)	1:12:A:VAL:H	1:12:A:VAL:HG13	19	0.7
(7,978)	1:35:A:LEU:HG	1:143:A:TRP:HB3	18	0.7
(7,934)	1:11:A:ILE:HD11	1:12:A:VAL:HA	2	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,934)	1:11:A:ILE:HD12	1:12:A:VAL:HA	2	0.7
(7,934)	1:11:A:ILE:HD13	1:12:A:VAL:HA	2	0.7
(7,877)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	19	0.7
(7,877)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	19	0.7
(7,877)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	19	0.7
(7,807)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	10	0.7
(7,807)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	10	0.7
(7,807)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	10	0.7
(7,584)	1:126:A:GLY:H	1:128:A:LEU:HB2	7	0.7
(7,92)	1:95:A:ILE:HG21	1:97:A:ASP:H	8	0.7
(7,92)	1:95:A:ILE:HG22	1:97:A:ASP:H	8	0.7
(7,92)	1:95:A:ILE:HG23	1:97:A:ASP:H	8	0.7
(7,42)	1:44:A:GLU:HG3	1:47:A:ALA:H	8	0.7
(6,2150)	1:43:A:MET:HE1	1:131:A:LEU:HD11	7	0.7
(6,2150)	1:43:A:MET:HE1	1:131:A:LEU:HD12	7	0.7
(6,2150)	1:43:A:MET:HE1	1:131:A:LEU:HD13	7	0.7
(6,2150)	1:43:A:MET:HE1	1:131:A:LEU:HD21	7	0.7
(6,2150)	1:43:A:MET:HE1	1:131:A:LEU:HD22	7	0.7
(6,2150)	1:43:A:MET:HE1	1:131:A:LEU:HD23	7	0.7
(6,2150)	1:43:A:MET:HE2	1:131:A:LEU:HD11	7	0.7
(6,2150)	1:43:A:MET:HE2	1:131:A:LEU:HD12	7	0.7
(6,2150)	1:43:A:MET:HE2	1:131:A:LEU:HD13	7	0.7
(6,2150)	1:43:A:MET:HE2	1:131:A:LEU:HD21	7	0.7
(6,2150)	1:43:A:MET:HE2	1:131:A:LEU:HD22	7	0.7
(6,2150)	1:43:A:MET:HE2	1:131:A:LEU:HD23	7	0.7
(6,2150)	1:43:A:MET:HE3	1:131:A:LEU:HD11	7	0.7
(6,2150)	1:43:A:MET:HE3	1:131:A:LEU:HD12	7	0.7
(6,2150)	1:43:A:MET:HE3	1:131:A:LEU:HD13	7	0.7
(6,2150)	1:43:A:MET:HE3	1:131:A:LEU:HD21	7	0.7
(6,2150)	1:43:A:MET:HE3	1:131:A:LEU:HD22	7	0.7
(6,2150)	1:43:A:MET:HE3	1:131:A:LEU:HD23	7	0.7
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD11	1	0.7
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD12	1	0.7
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD13	1	0.7
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD21	1	0.7
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD22	1	0.7
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD23	1	0.7
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	12	0.7
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	12	0.7
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	12	0.7
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	12	0.7
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	12	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	12	0.7
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	12	0.7
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	12	0.7
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	12	0.7
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	12	0.7
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	12	0.7
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	12	0.7
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	12	0.7
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	12	0.7
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	12	0.7
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	12	0.7
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	12	0.7
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	12	0.7
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	12	0.7
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	12	0.7
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	12	0.7
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	12	0.7
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	12	0.7
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	12	0.7
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	12	0.7
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	12	0.7
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	12	0.7
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	12	0.7
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	12	0.7
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	12	0.7
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	12	0.7
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	12	0.7
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	12	0.7
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	12	0.7
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	12	0.7
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	12	0.7
(6,1958)	1:10:A:ASN:HD21	1:81:A:GLU:H	2	0.7
(6,1958)	1:10:A:ASN:HD22	1:81:A:GLU:H	2	0.7
(6,1850)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	6	0.7
(6,1850)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	6	0.7
(6,1850)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	18	0.7
(6,1850)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	18	0.7
(6,1671)	1:107:A:LEU:H	1:111:A:GLU:HB2	17	0.7
(6,1671)	1:107:A:LEU:H	1:111:A:GLU:HB3	17	0.7
(6,1543)	1:46:A:ASN:HB2	1:134:A:VAL:H	11	0.7
(6,1455)	1:15:A:ALA:HB1	1:132:A:ALA:HA	12	0.7
(6,1455)	1:15:A:ALA:HB2	1:132:A:ALA:HA	12	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1455)	1:15:A:ALA:HB3	1:132:A:ALA:HA	12	0.7
(6,1414)	1:70:A:LYS:HA	1:73:A:ILE:HG21	8	0.7
(6,1414)	1:70:A:LYS:HA	1:73:A:ILE:HG22	8	0.7
(6,1414)	1:70:A:LYS:HA	1:73:A:ILE:HG23	8	0.7
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	7	0.7
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	7	0.7
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	7	0.7
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	7	0.7
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	7	0.7
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	7	0.7
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG21	13	0.7
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG22	13	0.7
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG23	13	0.7
(6,1050)	1:14:A:VAL:HG21	1:61:A:SER:HA	19	0.7
(6,1050)	1:14:A:VAL:HG22	1:61:A:SER:HA	19	0.7
(6,1050)	1:14:A:VAL:HG23	1:61:A:SER:HA	19	0.7
(6,882)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	19	0.7
(6,882)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	19	0.7
(6,882)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	19	0.7
(6,582)	1:70:A:LYS:HB2	1:75:A:GLY:H	8	0.7
(6,582)	1:70:A:LYS:HB3	1:75:A:GLY:H	8	0.7
(6,483)	1:98:A:ILE:H	1:105:A:LYS:H	16	0.7
(6,307)	1:64:A:LYS:HD2	1:65:A:CYS:H	14	0.7
(6,307)	1:64:A:LYS:HD3	1:65:A:CYS:H	14	0.7
(5,2478)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	2	0.7
(5,2478)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	2	0.7
(5,2478)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	2	0.7
(5,2478)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	2	0.7
(5,2192)	1:57:A:LEU:HD11	1:60:A:LEU:HG	1	0.7
(5,2192)	1:57:A:LEU:HD12	1:60:A:LEU:HG	1	0.7
(5,2192)	1:57:A:LEU:HD13	1:60:A:LEU:HG	1	0.7
(5,2192)	1:57:A:LEU:HD21	1:60:A:LEU:HG	1	0.7
(5,2192)	1:57:A:LEU:HD22	1:60:A:LEU:HG	1	0.7
(5,2192)	1:57:A:LEU:HD23	1:60:A:LEU:HG	1	0.7
(5,1790)	1:97:A:ASP:HA	1:105:A:LYS:HG3	1	0.7
(5,1788)	1:39:A:VAL:HG21	1:144:A:LEU:H	9	0.7
(5,1788)	1:39:A:VAL:HG22	1:144:A:LEU:H	9	0.7
(5,1788)	1:39:A:VAL:HG23	1:144:A:LEU:H	9	0.7
(5,1749)	1:21:A:THR:HG21	1:24:A:ASP:HB2	13	0.7
(5,1749)	1:21:A:THR:HG21	1:24:A:ASP:HB3	13	0.7
(5,1749)	1:21:A:THR:HG22	1:24:A:ASP:HB2	13	0.7
(5,1749)	1:21:A:THR:HG22	1:24:A:ASP:HB3	13	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1749)	1:21:A:THR:HG23	1:24:A:ASP:HB2	13	0.7
(5,1749)	1:21:A:THR:HG23	1:24:A:ASP:HB3	13	0.7
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG21	11	0.7
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG22	11	0.7
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG23	11	0.7
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG21	11	0.7
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG22	11	0.7
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG23	11	0.7
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG21	11	0.7
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG22	11	0.7
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG23	11	0.7
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG11	5	0.7
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG12	5	0.7
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG13	5	0.7
(5,1671)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	19	0.7
(5,1671)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	19	0.7
(5,1671)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	19	0.7
(5,1437)	1:70:A:LYS:HA	1:73:A:ILE:HG21	8	0.7
(5,1437)	1:70:A:LYS:HA	1:73:A:ILE:HG22	8	0.7
(5,1437)	1:70:A:LYS:HA	1:73:A:ILE:HG23	8	0.7
(5,1266)	1:12:A:VAL:H	1:12:A:VAL:HG11	1	0.7
(5,1266)	1:12:A:VAL:H	1:12:A:VAL:HG12	1	0.7
(5,1266)	1:12:A:VAL:H	1:12:A:VAL:HG13	1	0.7
(5,1266)	1:12:A:VAL:H	1:12:A:VAL:HG11	3	0.7
(5,1266)	1:12:A:VAL:H	1:12:A:VAL:HG12	3	0.7
(5,1266)	1:12:A:VAL:H	1:12:A:VAL:HG13	3	0.7
(5,1266)	1:12:A:VAL:H	1:12:A:VAL:HG11	7	0.7
(5,1266)	1:12:A:VAL:H	1:12:A:VAL:HG12	7	0.7
(5,1266)	1:12:A:VAL:H	1:12:A:VAL:HG13	7	0.7
(5,1266)	1:12:A:VAL:H	1:12:A:VAL:HG11	14	0.7
(5,1266)	1:12:A:VAL:H	1:12:A:VAL:HG12	14	0.7
(5,1266)	1:12:A:VAL:H	1:12:A:VAL:HG13	14	0.7
(5,1266)	1:12:A:VAL:H	1:12:A:VAL:HG11	19	0.7
(5,1266)	1:12:A:VAL:H	1:12:A:VAL:HG12	19	0.7
(5,1266)	1:12:A:VAL:H	1:12:A:VAL:HG13	19	0.7
(5,1033)	1:11:A:ILE:HG13	1:44:A:GLU:HG3	1	0.7
(5,977)	1:47:A:ALA:HB1	1:134:A:VAL:HB	16	0.7
(5,977)	1:47:A:ALA:HB2	1:134:A:VAL:HB	16	0.7
(5,977)	1:47:A:ALA:HB3	1:134:A:VAL:HB	16	0.7
(5,882)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	19	0.7
(5,882)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	19	0.7
(5,882)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	19	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,367)	1:41:A:LYS:H	1:44:A:GLU:HG3	15	0.7
(5,273)	1:113:A:PHE:H	1:116:A:GLN:HG3	9	0.7
(4,2190)	1:57:A:LEU:HD11	1:60:A:LEU:HG	1	0.7
(4,2190)	1:57:A:LEU:HD12	1:60:A:LEU:HG	1	0.7
(4,2190)	1:57:A:LEU:HD13	1:60:A:LEU:HG	1	0.7
(4,2190)	1:57:A:LEU:HD21	1:60:A:LEU:HG	1	0.7
(4,2190)	1:57:A:LEU:HD22	1:60:A:LEU:HG	1	0.7
(4,2190)	1:57:A:LEU:HD23	1:60:A:LEU:HG	1	0.7
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD11	3	0.7
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD12	3	0.7
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD13	3	0.7
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD21	3	0.7
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD22	3	0.7
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD23	3	0.7
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD11	6	0.7
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD12	6	0.7
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD13	6	0.7
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD21	6	0.7
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD22	6	0.7
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD23	6	0.7
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD11	6	0.7
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD12	6	0.7
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD13	6	0.7
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD21	6	0.7
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD22	6	0.7
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD23	6	0.7
(4,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	18	0.7
(4,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	18	0.7
(4,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	18	0.7
(4,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	18	0.7
(4,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	18	0.7
(4,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	18	0.7
(4,1929)	1:10:A:ASN:HD21	1:81:A:GLU:H	2	0.7
(4,1929)	1:10:A:ASN:HD22	1:81:A:GLU:H	2	0.7
(4,1824)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	6	0.7
(4,1824)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	6	0.7
(4,1824)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	18	0.7
(4,1824)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	18	0.7
(4,1647)	1:107:A:LEU:H	1:111:A:GLU:HB2	17	0.7
(4,1647)	1:107:A:LEU:H	1:111:A:GLU:HB3	17	0.7
(4,1502)	1:110:A:MET:HE1	1:113:A:PHE:HE1	10	0.7
(4,1502)	1:110:A:MET:HE1	1:113:A:PHE:HE2	10	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1502)	1:110:A:MET:HE2	1:113:A:PHE:HE1	10	0.7
(4,1502)	1:110:A:MET:HE2	1:113:A:PHE:HE2	10	0.7
(4,1502)	1:110:A:MET:HE3	1:113:A:PHE:HE1	10	0.7
(4,1502)	1:110:A:MET:HE3	1:113:A:PHE:HE2	10	0.7
(4,1055)	1:104:A:PHE:HZ	1:112:A:GLN:HA	10	0.7
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	19	0.7
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	19	0.7
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	19	0.7
(4,815)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	8	0.7
(4,815)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	8	0.7
(4,815)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	8	0.7
(4,788)	1:63:A:ILE:HD11	1:117:A:VAL:HB	7	0.7
(4,788)	1:63:A:ILE:HD12	1:117:A:VAL:HB	7	0.7
(4,788)	1:63:A:ILE:HD13	1:117:A:VAL:HB	7	0.7
(4,153)	1:50:A:ALA:HB1	1:127:A:CYS:H	16	0.7
(4,153)	1:50:A:ALA:HB2	1:127:A:CYS:H	16	0.7
(4,153)	1:50:A:ALA:HB3	1:127:A:CYS:H	16	0.7
(4,48)	1:44:A:GLU:HG3	1:47:A:ALA:H	8	0.7
(3,2500)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	15	0.7
(3,2500)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	15	0.7
(3,2500)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	15	0.7
(3,2500)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	15	0.7
(3,2500)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	15	0.7
(3,2500)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	15	0.7
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD11	10	0.7
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD12	10	0.7
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD13	10	0.7
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD21	10	0.7
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD22	10	0.7
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD23	10	0.7
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	13	0.7
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	13	0.7
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	13	0.7
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	13	0.7
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	13	0.7
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	13	0.7
(3,2155)	1:42:A:GLU:H	1:139:A:LEU:HD11	17	0.7
(3,2155)	1:42:A:GLU:H	1:139:A:LEU:HD12	17	0.7
(3,2155)	1:42:A:GLU:H	1:139:A:LEU:HD13	17	0.7
(3,2155)	1:42:A:GLU:H	1:139:A:LEU:HD21	17	0.7
(3,2155)	1:42:A:GLU:H	1:139:A:LEU:HD22	17	0.7
(3,2155)	1:42:A:GLU:H	1:139:A:LEU:HD23	17	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1974)	1:10:A:ASN:HD21	1:81:A:GLU:H	2	0.7
(3,1974)	1:10:A:ASN:HD22	1:81:A:GLU:H	2	0.7
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE1	11	0.7
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE2	11	0.7
(3,1893)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	7	0.7
(3,1893)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	7	0.7
(3,1876)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	6	0.7
(3,1876)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	6	0.7
(3,1876)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	18	0.7
(3,1876)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	18	0.7
(3,1795)	1:39:A:VAL:HG21	1:144:A:LEU:H	9	0.7
(3,1795)	1:39:A:VAL:HG22	1:144:A:LEU:H	9	0.7
(3,1795)	1:39:A:VAL:HG23	1:144:A:LEU:H	9	0.7
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	15	0.7
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	15	0.7
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	15	0.7
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	15	0.7
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	15	0.7
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	15	0.7
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	18	0.7
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	18	0.7
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	18	0.7
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	18	0.7
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	18	0.7
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	18	0.7
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE1	10	0.7
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE2	10	0.7
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE3	10	0.7
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE1	10	0.7
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE2	10	0.7
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE3	10	0.7
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE1	10	0.7
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE2	10	0.7
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE3	10	0.7
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG21	18	0.7
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG22	18	0.7
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG23	18	0.7
(3,1255)	1:43:A:MET:H	1:140:A:LEU:HD11	19	0.7
(3,1255)	1:43:A:MET:H	1:140:A:LEU:HD12	19	0.7
(3,1255)	1:43:A:MET:H	1:140:A:LEU:HD13	19	0.7
(3,887)	1:21:A:THR:HG21	1:24:A:ASP:HB2	4	0.7
(3,887)	1:21:A:THR:HG21	1:24:A:ASP:HB3	4	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,887)	1:21:A:THR:HG22	1:24:A:ASP:HB2	4	0.7
(3,887)	1:21:A:THR:HG22	1:24:A:ASP:HB3	4	0.7
(3,887)	1:21:A:THR:HG23	1:24:A:ASP:HB2	4	0.7
(3,887)	1:21:A:THR:HG23	1:24:A:ASP:HB3	4	0.7
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	4	0.7
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	4	0.7
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	4	0.7
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	4	0.7
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	4	0.7
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	4	0.7
(3,714)	1:23:A:LEU:HB2	1:27:A:ARG:HE	9	0.7
(3,714)	1:23:A:LEU:HB3	1:27:A:ARG:HE	9	0.7
(3,425)	1:100:A:ALA:H	1:119:A:LEU:HB3	7	0.7
(3,350)	1:73:A:ILE:HD11	1:111:A:GLU:H	11	0.7
(3,350)	1:73:A:ILE:HD12	1:111:A:GLU:H	11	0.7
(3,350)	1:73:A:ILE:HD13	1:111:A:GLU:H	11	0.7
(3,122)	1:78:A:HIS:HA	1:80:A:TYR:H	5	0.7
(2,2464)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	15	0.7
(2,2464)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	15	0.7
(2,2464)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	15	0.7
(2,2464)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	15	0.7
(2,2464)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	15	0.7
(2,2464)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	15	0.7
(2,2440)	1:137:A:SER:HB2	1:140:A:LEU:HB2	5	0.7
(2,2440)	1:137:A:SER:HB3	1:140:A:LEU:HB2	5	0.7
(2,2077)	1:31:A:PRO:HD2	1:143:A:TRP:HA	14	0.7
(2,2077)	1:31:A:PRO:HD3	1:143:A:TRP:HA	14	0.7
(2,2048)	1:18:A:PHE:HZ	1:60:A:LEU:HB2	1	0.7
(2,2048)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	1	0.7
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG11	5	0.7
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG12	5	0.7
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG13	5	0.7
(2,1424)	1:70:A:LYS:HA	1:73:A:ILE:HG21	8	0.7
(2,1424)	1:70:A:LYS:HA	1:73:A:ILE:HG22	8	0.7
(2,1424)	1:70:A:LYS:HA	1:73:A:ILE:HG23	8	0.7
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	14	0.7
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	14	0.7
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	14	0.7
(2,1010)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	17	0.7
(2,1010)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	17	0.7
(2,886)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	19	0.7
(2,886)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	19	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,886)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	19	0.7
(2,813)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	10	0.7
(2,813)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	10	0.7
(2,813)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	10	0.7
(2,754)	1:37:A:LEU:H	1:40:A:LEU:HB3	1	0.7
(2,685)	1:145:A:PRO:HB3	1:148:A:CYS:H	1	0.7
(2,308)	1:64:A:LYS:HD2	1:65:A:CYS:H	14	0.7
(2,308)	1:64:A:LYS:HD3	1:65:A:CYS:H	14	0.7
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	13	0.7
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	13	0.7
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	13	0.7
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	13	0.7
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	13	0.7
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	13	0.7
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG11	16	0.7
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG12	16	0.7
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG13	16	0.7
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG21	16	0.7
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG22	16	0.7
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG23	16	0.7
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG11	16	0.7
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG12	16	0.7
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG13	16	0.7
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG21	16	0.7
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG22	16	0.7
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG23	16	0.7
(1,1681)	1:107:A:LEU:H	1:111:A:GLU:HB2	17	0.7
(1,1681)	1:107:A:LEU:H	1:111:A:GLU:HB3	17	0.7
(1,1545)	1:69:A:MET:HE1	1:109:A:PRO:HB2	1	0.7
(1,1545)	1:69:A:MET:HE1	1:109:A:PRO:HB3	1	0.7
(1,1545)	1:69:A:MET:HE2	1:109:A:PRO:HB2	1	0.7
(1,1545)	1:69:A:MET:HE2	1:109:A:PRO:HB3	1	0.7
(1,1545)	1:69:A:MET:HE3	1:109:A:PRO:HB2	1	0.7
(1,1545)	1:69:A:MET:HE3	1:109:A:PRO:HB3	1	0.7
(1,1534)	1:110:A:MET:HE1	1:113:A:PHE:HE1	10	0.7
(1,1534)	1:110:A:MET:HE1	1:113:A:PHE:HE2	10	0.7
(1,1534)	1:110:A:MET:HE2	1:113:A:PHE:HE1	10	0.7
(1,1534)	1:110:A:MET:HE2	1:113:A:PHE:HE2	10	0.7
(1,1534)	1:110:A:MET:HE3	1:113:A:PHE:HE1	10	0.7
(1,1534)	1:110:A:MET:HE3	1:113:A:PHE:HE2	10	0.7
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE1	10	0.7
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE2	10	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE3	10	0.7
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE1	10	0.7
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE2	10	0.7
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE3	10	0.7
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE1	10	0.7
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE2	10	0.7
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE3	10	0.7
(1,1258)	1:12:A:VAL:H	1:12:A:VAL:HG11	1	0.7
(1,1258)	1:12:A:VAL:H	1:12:A:VAL:HG12	1	0.7
(1,1258)	1:12:A:VAL:H	1:12:A:VAL:HG13	1	0.7
(1,1258)	1:12:A:VAL:H	1:12:A:VAL:HG11	3	0.7
(1,1258)	1:12:A:VAL:H	1:12:A:VAL:HG12	3	0.7
(1,1258)	1:12:A:VAL:H	1:12:A:VAL:HG13	3	0.7
(1,1258)	1:12:A:VAL:H	1:12:A:VAL:HG11	7	0.7
(1,1258)	1:12:A:VAL:H	1:12:A:VAL:HG12	7	0.7
(1,1258)	1:12:A:VAL:H	1:12:A:VAL:HG13	7	0.7
(1,1258)	1:12:A:VAL:H	1:12:A:VAL:HG11	14	0.7
(1,1258)	1:12:A:VAL:H	1:12:A:VAL:HG12	14	0.7
(1,1258)	1:12:A:VAL:H	1:12:A:VAL:HG13	14	0.7
(1,1258)	1:12:A:VAL:H	1:12:A:VAL:HG11	19	0.7
(1,1258)	1:12:A:VAL:H	1:12:A:VAL:HG12	19	0.7
(1,1258)	1:12:A:VAL:H	1:12:A:VAL:HG13	19	0.7
(1,968)	1:11:A:ILE:HD11	1:12:A:VAL:HA	2	0.7
(1,968)	1:11:A:ILE:HD12	1:12:A:VAL:HA	2	0.7
(1,968)	1:11:A:ILE:HD13	1:12:A:VAL:HA	2	0.7
(1,940)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	2	0.7
(1,940)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	2	0.7
(1,940)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	2	0.7
(1,934)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	7	0.7
(1,934)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	7	0.7
(1,908)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	19	0.7
(1,908)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	19	0.7
(1,908)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	19	0.7
(1,888)	1:21:A:THR:HG21	1:24:A:ASP:HB2	4	0.7
(1,888)	1:21:A:THR:HG21	1:24:A:ASP:HB3	4	0.7
(1,888)	1:21:A:THR:HG22	1:24:A:ASP:HB2	4	0.7
(1,888)	1:21:A:THR:HG22	1:24:A:ASP:HB3	4	0.7
(1,888)	1:21:A:THR:HG23	1:24:A:ASP:HB2	4	0.7
(1,888)	1:21:A:THR:HG23	1:24:A:ASP:HB3	4	0.7
(1,857)	1:48:A:ARG:HD2	1:49:A:LYS:H	3	0.7
(1,857)	1:48:A:ARG:HD3	1:49:A:LYS:H	3	0.7
(1,832)	1:98:A:ILE:HD11	1:101:A:ILE:HB	4	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,832)	1:98:A:ILE:HD12	1:101:A:ILE:HB	4	0.7
(1,832)	1:98:A:ILE:HD13	1:101:A:ILE:HB	4	0.7
(1,809)	1:63:A:ILE:HD11	1:117:A:VAL:HB	7	0.7
(1,809)	1:63:A:ILE:HD12	1:117:A:VAL:HB	7	0.7
(1,809)	1:63:A:ILE:HD13	1:117:A:VAL:HB	7	0.7
(1,783)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	17	0.7
(1,783)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	17	0.7
(1,783)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	17	0.7
(1,772)	1:37:A:LEU:H	1:40:A:LEU:HB3	1	0.7
(1,314)	1:64:A:LYS:HD2	1:65:A:CYS:H	14	0.7
(1,314)	1:64:A:LYS:HD3	1:65:A:CYS:H	14	0.7
(34,2239)	1:69:A:MET:HG2	1:72:A:PHE:HB2	7	0.69
(34,2239)	1:69:A:MET:HG3	1:72:A:PHE:HB2	7	0.69
(34,2014)	1:16:A:SER:HB2	1:43:A:MET:HE1	15	0.69
(34,2014)	1:16:A:SER:HB2	1:43:A:MET:HE2	15	0.69
(34,2014)	1:16:A:SER:HB2	1:43:A:MET:HE3	15	0.69
(34,2014)	1:16:A:SER:HB3	1:43:A:MET:HE1	15	0.69
(34,2014)	1:16:A:SER:HB3	1:43:A:MET:HE2	15	0.69
(34,2014)	1:16:A:SER:HB3	1:43:A:MET:HE3	15	0.69
(34,1982)	1:12:A:VAL:HG11	1:81:A:GLU:H	9	0.69
(34,1982)	1:12:A:VAL:HG12	1:81:A:GLU:H	9	0.69
(34,1982)	1:12:A:VAL:HG13	1:81:A:GLU:H	9	0.69
(34,1982)	1:12:A:VAL:HG21	1:81:A:GLU:H	9	0.69
(34,1982)	1:12:A:VAL:HG22	1:81:A:GLU:H	9	0.69
(34,1982)	1:12:A:VAL:HG23	1:81:A:GLU:H	9	0.69
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	11	0.69
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	11	0.69
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	11	0.69
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	19	0.69
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	19	0.69
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	19	0.69
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	19	0.69
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	19	0.69
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	19	0.69
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE1	6	0.69
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE2	6	0.69
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE3	6	0.69
(34,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD21	4	0.69
(34,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD22	4	0.69
(34,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD23	4	0.69
(34,1496)	1:101:A:ILE:HG21	1:102:A:PRO:HA	19	0.69
(34,1496)	1:101:A:ILE:HG22	1:102:A:PRO:HA	19	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1496)	1:101:A:ILE:HG23	1:102:A:PRO:HA	19	0.69
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG21	1	0.69
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG22	1	0.69
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG23	1	0.69
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG21	11	0.69
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG22	11	0.69
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG23	11	0.69
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG21	17	0.69
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG22	17	0.69
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG23	17	0.69
(34,1473)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	12	0.69
(34,1473)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	12	0.69
(34,1473)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	12	0.69
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD11	3	0.69
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD12	3	0.69
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD13	3	0.69
(34,1248)	1:34:A:LYS:H	1:81:A:GLU:HA	7	0.69
(34,867)	1:39:A:VAL:H	1:139:A:LEU:HB2	4	0.69
(34,867)	1:39:A:VAL:H	1:139:A:LEU:HB3	4	0.69
(34,801)	1:63:A:ILE:HD11	1:117:A:VAL:HB	14	0.69
(34,801)	1:63:A:ILE:HD12	1:117:A:VAL:HB	14	0.69
(34,801)	1:63:A:ILE:HD13	1:117:A:VAL:HB	14	0.69
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	3	0.69
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	3	0.69
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	3	0.69
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	3	0.69
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	3	0.69
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	3	0.69
(34,701)	1:54:A:ARG:HD2	1:56:A:CYS:H	3	0.69
(34,701)	1:54:A:ARG:HD3	1:56:A:CYS:H	3	0.69
(34,643)	1:59:A:CYS:H	1:60:A:LEU:HB3	17	0.69
(34,630)	1:35:A:LEU:H	1:80:A:TYR:HB2	17	0.69
(34,497)	1:98:A:ILE:H	1:105:A:LYS:H	16	0.69
(34,448)	1:68:A:LYS:H	1:70:A:LYS:HG2	11	0.69
(33,2252)	1:69:A:MET:HG2	1:72:A:PHE:HB2	7	0.69
(33,2252)	1:69:A:MET:HG3	1:72:A:PHE:HB2	7	0.69
(33,2205)	1:60:A:LEU:HD11	1:120:A:CYS:HA	6	0.69
(33,2205)	1:60:A:LEU:HD12	1:120:A:CYS:HA	6	0.69
(33,2205)	1:60:A:LEU:HD13	1:120:A:CYS:HA	6	0.69
(33,2205)	1:60:A:LEU:HD21	1:120:A:CYS:HA	6	0.69
(33,2205)	1:60:A:LEU:HD22	1:120:A:CYS:HA	6	0.69
(33,2205)	1:60:A:LEU:HD23	1:120:A:CYS:HA	6	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD11	9	0.69
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD12	9	0.69
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD13	9	0.69
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD21	9	0.69
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD22	9	0.69
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD23	9	0.69
(33,2017)	1:18:A:PHE:HB2	1:132:A:ALA:H	18	0.69
(33,2017)	1:18:A:PHE:HB3	1:132:A:ALA:H	18	0.69
(33,1394)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	2	0.69
(33,1394)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	2	0.69
(33,1394)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	2	0.69
(33,1394)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	2	0.69
(33,1394)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	2	0.69
(33,1394)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	2	0.69
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD21	18	0.69
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD22	18	0.69
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD23	18	0.69
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD11	3	0.69
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD12	3	0.69
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD13	3	0.69
(33,997)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	17	0.69
(33,997)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	17	0.69
(33,981)	1:15:A:ALA:HB1	1:134:A:VAL:HB	16	0.69
(33,981)	1:15:A:ALA:HB2	1:134:A:VAL:HB	16	0.69
(33,981)	1:15:A:ALA:HB3	1:134:A:VAL:HB	16	0.69
(33,846)	1:48:A:ARG:HD2	1:49:A:LYS:H	11	0.69
(33,846)	1:48:A:ARG:HD3	1:49:A:LYS:H	11	0.69
(33,802)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	12	0.69
(33,802)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	12	0.69
(33,802)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	12	0.69
(33,691)	1:54:A:ARG:HD2	1:56:A:CYS:H	3	0.69
(33,691)	1:54:A:ARG:HD3	1:56:A:CYS:H	3	0.69
(33,470)	1:14:A:VAL:H	1:61:A:SER:HA	12	0.69
(32,2415)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	18	0.69
(32,2415)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	18	0.69
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD11	12	0.69
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD12	12	0.69
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD13	12	0.69
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD21	12	0.69
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD22	12	0.69
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD23	12	0.69
(32,2138)	1:44:A:GLU:H	1:44:A:GLU:HG2	9	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2138)	1:44:A:GLU:H	1:44:A:GLU:HG3	9	0.69
(32,1976)	1:16:A:SER:HB2	1:43:A:MET:HE1	15	0.69
(32,1976)	1:16:A:SER:HB2	1:43:A:MET:HE2	15	0.69
(32,1976)	1:16:A:SER:HB2	1:43:A:MET:HE3	15	0.69
(32,1976)	1:16:A:SER:HB3	1:43:A:MET:HE1	15	0.69
(32,1976)	1:16:A:SER:HB3	1:43:A:MET:HE2	15	0.69
(32,1976)	1:16:A:SER:HB3	1:43:A:MET:HE3	15	0.69
(32,1937)	1:12:A:VAL:HG11	1:43:A:MET:H	10	0.69
(32,1937)	1:12:A:VAL:HG12	1:43:A:MET:H	10	0.69
(32,1937)	1:12:A:VAL:HG13	1:43:A:MET:H	10	0.69
(32,1937)	1:12:A:VAL:HG21	1:43:A:MET:H	10	0.69
(32,1937)	1:12:A:VAL:HG22	1:43:A:MET:H	10	0.69
(32,1937)	1:12:A:VAL:HG23	1:43:A:MET:H	10	0.69
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG21	9	0.69
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG22	9	0.69
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG23	9	0.69
(32,1479)	1:69:A:MET:HE1	1:116:A:GLN:HE22	19	0.69
(32,1479)	1:69:A:MET:HE2	1:116:A:GLN:HE22	19	0.69
(32,1479)	1:69:A:MET:HE3	1:116:A:GLN:HE22	19	0.69
(32,1423)	1:15:A:ALA:HB1	1:132:A:ALA:HA	6	0.69
(32,1423)	1:15:A:ALA:HB2	1:132:A:ALA:HA	6	0.69
(32,1423)	1:15:A:ALA:HB3	1:132:A:ALA:HA	6	0.69
(32,1363)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	2	0.69
(32,1363)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	2	0.69
(32,1363)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	2	0.69
(32,1363)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	2	0.69
(32,1363)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	2	0.69
(32,1363)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	2	0.69
(32,1309)	1:105:A:LYS:HD2	1:106:A:ASP:HA	9	0.69
(32,1309)	1:105:A:LYS:HD3	1:106:A:ASP:HA	9	0.69
(32,1195)	1:143:A:TRP:H	1:144:A:LEU:HD21	10	0.69
(32,1195)	1:143:A:TRP:H	1:144:A:LEU:HD22	10	0.69
(32,1195)	1:143:A:TRP:H	1:144:A:LEU:HD23	10	0.69
(32,1190)	1:34:A:LYS:H	1:81:A:GLU:HA	7	0.69
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD21	18	0.69
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD22	18	0.69
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD23	18	0.69
(32,1085)	1:66:A:THR:HG21	1:105:A:LYS:HA	19	0.69
(32,1085)	1:66:A:THR:HG22	1:105:A:LYS:HA	19	0.69
(32,1085)	1:66:A:THR:HG23	1:105:A:LYS:HA	19	0.69
(32,1028)	1:95:A:ILE:HA	1:96:A:VAL:HB	17	0.69
(32,966)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	17	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,966)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	17	0.69
(32,958)	1:104:A:PHE:H	1:105:A:LYS:HD2	8	0.69
(32,958)	1:104:A:PHE:H	1:105:A:LYS:HD3	8	0.69
(32,958)	1:104:A:PHE:H	1:105:A:LYS:HD2	11	0.69
(32,958)	1:104:A:PHE:H	1:105:A:LYS:HD3	11	0.69
(32,847)	1:56:A:CYS:H	1:122:A:ASP:HB2	11	0.69
(32,781)	1:63:A:ILE:HD11	1:116:A:GLN:HE21	9	0.69
(32,781)	1:63:A:ILE:HD12	1:116:A:GLN:HE21	9	0.69
(32,781)	1:63:A:ILE:HD13	1:116:A:GLN:HE21	9	0.69
(32,773)	1:63:A:ILE:HD11	1:117:A:VAL:HB	14	0.69
(32,773)	1:63:A:ILE:HD12	1:117:A:VAL:HB	14	0.69
(32,773)	1:63:A:ILE:HD13	1:117:A:VAL:HB	14	0.69
(32,459)	1:14:A:VAL:H	1:61:A:SER:HA	12	0.69
(32,49)	1:98:A:ILE:H	1:101:A:ILE:HG13	13	0.69
(32,47)	1:98:A:ILE:H	1:101:A:ILE:HB	19	0.69
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD11	8	0.69
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD12	8	0.69
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD13	8	0.69
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD21	8	0.69
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD22	8	0.69
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD23	8	0.69
(30,2082)	1:35:A:LEU:HD11	1:143:A:TRP:HA	16	0.69
(30,2082)	1:35:A:LEU:HD12	1:143:A:TRP:HA	16	0.69
(30,2082)	1:35:A:LEU:HD13	1:143:A:TRP:HA	16	0.69
(30,2082)	1:35:A:LEU:HD21	1:143:A:TRP:HA	16	0.69
(30,2082)	1:35:A:LEU:HD22	1:143:A:TRP:HA	16	0.69
(30,2082)	1:35:A:LEU:HD23	1:143:A:TRP:HA	16	0.69
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	11	0.69
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	11	0.69
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	11	0.69
(30,1827)	1:9:A:PHE:HZ	1:57:A:LEU:HA	5	0.69
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	5	0.69
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	5	0.69
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	5	0.69
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	5	0.69
(30,1479)	1:101:A:ILE:HG21	1:102:A:PRO:HA	19	0.69
(30,1479)	1:101:A:ILE:HG22	1:102:A:PRO:HA	19	0.69
(30,1479)	1:101:A:ILE:HG23	1:102:A:PRO:HA	19	0.69
(30,1334)	1:105:A:LYS:HD2	1:106:A:ASP:HA	9	0.69
(30,1334)	1:105:A:LYS:HD3	1:106:A:ASP:HA	9	0.69
(30,1219)	1:34:A:LYS:H	1:81:A:GLU:HA	7	0.69
(30,987)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	17	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,987)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	17	0.69
(30,885)	1:95:A:ILE:H	1:95:A:ILE:HB	15	0.69
(30,792)	1:54:A:ARG:HB3	1:58:A:ILE:HD11	12	0.69
(30,792)	1:54:A:ARG:HB3	1:58:A:ILE:HD12	12	0.69
(30,792)	1:54:A:ARG:HB3	1:58:A:ILE:HD13	12	0.69
(30,783)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	7	0.69
(30,783)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	7	0.69
(30,783)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	7	0.69
(30,783)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	7	0.69
(30,783)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	7	0.69
(30,783)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	7	0.69
(30,704)	1:23:A:LEU:HD21	1:27:A:ARG:HE	6	0.69
(30,704)	1:23:A:LEU:HD22	1:27:A:ARG:HE	6	0.69
(30,704)	1:23:A:LEU:HD23	1:27:A:ARG:HE	6	0.69
(30,704)	1:23:A:LEU:HD21	1:27:A:ARG:HE	12	0.69
(30,704)	1:23:A:LEU:HD22	1:27:A:ARG:HE	12	0.69
(30,704)	1:23:A:LEU:HD23	1:27:A:ARG:HE	12	0.69
(30,693)	1:54:A:ARG:HD2	1:56:A:CYS:H	3	0.69
(30,693)	1:54:A:ARG:HD3	1:56:A:CYS:H	3	0.69
(30,687)	1:145:A:PRO:HB3	1:148:A:CYS:H	19	0.69
(30,473)	1:14:A:VAL:H	1:61:A:SER:HA	12	0.69
(29,2381)	1:129:A:LYS:HB2	1:133:A:ASN:HB2	7	0.69
(29,2381)	1:129:A:LYS:HB2	1:133:A:ASN:HB3	7	0.69
(29,2381)	1:129:A:LYS:HB3	1:133:A:ASN:HB2	7	0.69
(29,2381)	1:129:A:LYS:HB3	1:133:A:ASN:HB3	7	0.69
(29,2035)	1:17:A:ASN:HB2	1:76:A:ARG:HA	11	0.69
(29,2035)	1:17:A:ASN:HB3	1:76:A:ARG:HA	11	0.69
(29,1711)	1:53:A:THR:H	1:124:A:THR:HB	10	0.69
(29,1641)	1:13:A:ALA:HA	1:80:A:TYR:HB3	8	0.69
(29,1346)	1:105:A:LYS:HD2	1:106:A:ASP:HA	9	0.69
(29,1346)	1:105:A:LYS:HD3	1:106:A:ASP:HA	9	0.69
(29,1035)	1:113:A:PHE:HA	1:116:A:GLN:HG3	15	0.69
(29,1005)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	6	0.69
(29,1005)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	6	0.69
(29,1005)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	8	0.69
(29,1005)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	8	0.69
(29,953)	1:67:A:PRO:HA	1:70:A:LYS:HB2	1	0.69
(29,953)	1:67:A:PRO:HA	1:70:A:LYS:HB3	1	0.69
(29,700)	1:54:A:ARG:HD2	1:56:A:CYS:H	3	0.69
(29,700)	1:54:A:ARG:HD3	1:56:A:CYS:H	3	0.69
(29,477)	1:14:A:VAL:H	1:61:A:SER:HA	12	0.69
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE1	7	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE2	7	0.69
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE3	7	0.69
(29,296)	1:43:A:MET:H	1:43:A:MET:HG3	11	0.69
(29,35)	1:96:A:VAL:H	1:97:A:ASP:HB2	6	0.69
(29,35)	1:96:A:VAL:H	1:97:A:ASP:HB3	6	0.69
(29,8)	1:64:A:LYS:H	1:116:A:GLN:HE22	4	0.69
(23,19)	1:120:A:CYS:N	1:116:A:GLN:O	2	0.69
(23,19)	1:120:A:CYS:N	1:116:A:GLN:O	8	0.69
(23,19)	1:120:A:CYS:N	1:116:A:GLN:O	17	0.69
(23,19)	1:120:A:CYS:N	1:116:A:GLN:O	19	0.69
(23,16)	1:117:A:VAL:N	1:113:A:PHE:O	16	0.69
(23,15)	1:116:A:GLN:N	1:112:A:GLN:O	1	0.69
(23,15)	1:116:A:GLN:N	1:112:A:GLN:O	6	0.69
(23,15)	1:116:A:GLN:N	1:112:A:GLN:O	18	0.69
(23,13)	1:114:A:ILE:N	1:110:A:MET:O	1	0.69
(22,39)	1:128:A:LEU:H	1:124:A:THR:C	9	0.69
(22,39)	1:128:A:LEU:H	1:124:A:THR:C	19	0.69
(22,36)	1:119:A:LEU:N	1:115:A:ALA:C	3	0.69
(22,36)	1:119:A:LEU:N	1:115:A:ALA:C	19	0.69
(22,33)	1:118:A:ASP:H	1:114:A:ILE:C	8	0.69
(22,32)	1:117:A:VAL:N	1:113:A:PHE:C	3	0.69
(22,31)	1:117:A:VAL:H	1:113:A:PHE:C	15	0.69
(22,15)	1:61:A:SER:H	1:57:A:LEU:C	6	0.69
(22,2)	1:17:A:ASN:N	1:13:A:ALA:C	17	0.69
(22,1)	1:17:A:ASN:H	1:13:A:ALA:C	4	0.69
(22,1)	1:17:A:ASN:H	1:13:A:ALA:C	15	0.69
(18,2148)	1:44:A:GLU:H	1:44:A:GLU:HG2	9	0.69
(18,2148)	1:44:A:GLU:H	1:44:A:GLU:HG3	9	0.69
(18,2128)	1:41:A:LYS:H	1:44:A:GLU:HG2	4	0.69
(18,2128)	1:41:A:LYS:H	1:44:A:GLU:HG3	4	0.69
(18,2014)	1:18:A:PHE:HB2	1:132:A:ALA:H	18	0.69
(18,2014)	1:18:A:PHE:HB3	1:132:A:ALA:H	18	0.69
(18,2008)	1:16:A:SER:HB2	1:43:A:MET:HE1	15	0.69
(18,2008)	1:16:A:SER:HB2	1:43:A:MET:HE2	15	0.69
(18,2008)	1:16:A:SER:HB2	1:43:A:MET:HE3	15	0.69
(18,2008)	1:16:A:SER:HB3	1:43:A:MET:HE1	15	0.69
(18,2008)	1:16:A:SER:HB3	1:43:A:MET:HE2	15	0.69
(18,2008)	1:16:A:SER:HB3	1:43:A:MET:HE3	15	0.69
(18,1389)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	2	0.69
(18,1389)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	2	0.69
(18,1389)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	2	0.69
(18,1389)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	2	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1389)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	2	0.69
(18,1389)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	2	0.69
(18,1339)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	17	0.69
(18,1339)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	17	0.69
(18,1339)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	17	0.69
(18,1339)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	17	0.69
(18,1339)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	17	0.69
(18,1339)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	17	0.69
(18,1334)	1:105:A:LYS:HD2	1:106:A:ASP:HA	9	0.69
(18,1334)	1:105:A:LYS:HD3	1:106:A:ASP:HA	9	0.69
(18,1233)	1:143:A:TRP:H	1:144:A:LEU:HD21	10	0.69
(18,1233)	1:143:A:TRP:H	1:144:A:LEU:HD22	10	0.69
(18,1233)	1:143:A:TRP:H	1:144:A:LEU:HD23	10	0.69
(18,1003)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	17	0.69
(18,1003)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	17	0.69
(18,955)	1:67:A:PRO:HA	1:70:A:LYS:HB2	1	0.69
(18,955)	1:67:A:PRO:HA	1:70:A:LYS:HB3	1	0.69
(18,942)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	14	0.69
(18,942)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	14	0.69
(18,810)	1:55:A:GLY:H	1:58:A:ILE:HD11	12	0.69
(18,810)	1:55:A:GLY:H	1:58:A:ILE:HD12	12	0.69
(18,810)	1:55:A:GLY:H	1:58:A:ILE:HD13	12	0.69
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	9	0.69
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	9	0.69
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	9	0.69
(18,706)	1:54:A:ARG:HD2	1:56:A:CYS:H	3	0.69
(18,706)	1:54:A:ARG:HD3	1:56:A:CYS:H	3	0.69
(18,501)	1:98:A:ILE:H	1:105:A:LYS:H	16	0.69
(18,322)	1:11:A:ILE:HD11	1:43:A:MET:H	12	0.69
(18,322)	1:11:A:ILE:HD12	1:43:A:MET:H	12	0.69
(18,322)	1:11:A:ILE:HD13	1:43:A:MET:H	12	0.69
(18,73)	1:13:A:ALA:HB1	1:81:A:GLU:H	6	0.69
(18,73)	1:13:A:ALA:HB2	1:81:A:GLU:H	6	0.69
(18,73)	1:13:A:ALA:HB3	1:81:A:GLU:H	6	0.69
(18,34)	1:96:A:VAL:H	1:97:A:ASP:HB2	6	0.69
(18,34)	1:96:A:VAL:H	1:97:A:ASP:HB3	6	0.69
(18,7)	1:64:A:LYS:H	1:116:A:GLN:HE22	4	0.69
(17,2092)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	3	0.69
(17,2092)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	3	0.69
(17,2092)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	3	0.69
(17,2092)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	3	0.69
(17,2092)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	3	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2092)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	3	0.69
(17,2027)	1:17:A:ASN:HB2	1:76:A:ARG:HA	11	0.69
(17,2027)	1:17:A:ASN:HB3	1:76:A:ARG:HA	11	0.69
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	4	0.69
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	4	0.69
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	4	0.69
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE1	2	0.69
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE2	2	0.69
(17,1841)	1:9:A:PHE:HZ	1:57:A:LEU:HA	5	0.69
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	14	0.69
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	14	0.69
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	14	0.69
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	14	0.69
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	14	0.69
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	14	0.69
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	14	0.69
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	14	0.69
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	14	0.69
(17,1503)	1:101:A:ILE:HG21	1:102:A:PRO:HA	19	0.69
(17,1503)	1:101:A:ILE:HG22	1:102:A:PRO:HA	19	0.69
(17,1503)	1:101:A:ILE:HG23	1:102:A:PRO:HA	19	0.69
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	8	0.69
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	8	0.69
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	8	0.69
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	8	0.69
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	8	0.69
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	8	0.69
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	8	0.69
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	8	0.69
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	8	0.69
(17,1458)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	17	0.69
(17,1458)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	17	0.69
(17,1458)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	17	0.69
(17,1372)	1:39:A:VAL:HG11	1:143:A:TRP:H	2	0.69
(17,1372)	1:39:A:VAL:HG12	1:143:A:TRP:H	2	0.69
(17,1372)	1:39:A:VAL:HG13	1:143:A:TRP:H	2	0.69
(17,1353)	1:105:A:LYS:HD2	1:106:A:ASP:HA	9	0.69
(17,1353)	1:105:A:LYS:HD3	1:106:A:ASP:HA	9	0.69
(17,1261)	1:12:A:VAL:H	1:12:A:VAL:HG11	12	0.69
(17,1261)	1:12:A:VAL:H	1:12:A:VAL:HG12	12	0.69
(17,1261)	1:12:A:VAL:H	1:12:A:VAL:HG13	12	0.69
(17,1261)	1:12:A:VAL:H	1:12:A:VAL:HG11	15	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1261)	1:12:A:VAL:H	1:12:A:VAL:HG12	15	0.69
(17,1261)	1:12:A:VAL:H	1:12:A:VAL:HG13	15	0.69
(17,1240)	1:136:A:CYS:HA	1:140:A:LEU:HD11	12	0.69
(17,1240)	1:136:A:CYS:HA	1:140:A:LEU:HD12	12	0.69
(17,1240)	1:136:A:CYS:HA	1:140:A:LEU:HD13	12	0.69
(17,1185)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	9	0.69
(17,1185)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	9	0.69
(17,1185)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	9	0.69
(17,1185)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	9	0.69
(17,1185)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	9	0.69
(17,1185)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	9	0.69
(17,1068)	1:95:A:ILE:HA	1:96:A:VAL:HB	17	0.69
(17,997)	1:12:A:VAL:HB	1:43:A:MET:HE1	3	0.69
(17,997)	1:12:A:VAL:HB	1:43:A:MET:HE2	3	0.69
(17,997)	1:12:A:VAL:HB	1:43:A:MET:HE3	3	0.69
(17,903)	1:21:A:THR:HB	1:23:A:LEU:H	11	0.69
(17,849)	1:48:A:ARG:HD2	1:49:A:LYS:H	11	0.69
(17,849)	1:48:A:ARG:HD3	1:49:A:LYS:H	11	0.69
(17,809)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	12	0.69
(17,809)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	12	0.69
(17,809)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	12	0.69
(17,692)	1:54:A:ARG:HD2	1:56:A:CYS:H	3	0.69
(17,692)	1:54:A:ARG:HD3	1:56:A:CYS:H	3	0.69
(17,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	17	0.69
(17,466)	1:14:A:VAL:H	1:61:A:SER:HA	7	0.69
(17,7)	1:64:A:LYS:H	1:116:A:GLN:HE22	4	0.69
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG11	15	0.69
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG12	15	0.69
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG13	15	0.69
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG21	15	0.69
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG22	15	0.69
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG23	15	0.69
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG11	19	0.69
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG12	19	0.69
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG13	19	0.69
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG21	19	0.69
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG22	19	0.69
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG23	19	0.69
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD11	9	0.69
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD12	9	0.69
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD13	9	0.69
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD21	9	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD22	9	0.69
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD23	9	0.69
(16,2151)	1:43:A:MET:HE1	1:131:A:LEU:HB2	5	0.69
(16,2151)	1:43:A:MET:HE1	1:131:A:LEU:HB3	5	0.69
(16,2151)	1:43:A:MET:HE2	1:131:A:LEU:HB2	5	0.69
(16,2151)	1:43:A:MET:HE2	1:131:A:LEU:HB3	5	0.69
(16,2151)	1:43:A:MET:HE3	1:131:A:LEU:HB2	5	0.69
(16,2151)	1:43:A:MET:HE3	1:131:A:LEU:HB3	5	0.69
(16,2141)	1:40:A:LEU:HD11	1:43:A:MET:HG3	16	0.69
(16,2141)	1:40:A:LEU:HD12	1:43:A:MET:HG3	16	0.69
(16,2141)	1:40:A:LEU:HD13	1:43:A:MET:HG3	16	0.69
(16,2141)	1:40:A:LEU:HD21	1:43:A:MET:HG3	16	0.69
(16,2141)	1:40:A:LEU:HD22	1:43:A:MET:HG3	16	0.69
(16,2141)	1:40:A:LEU:HD23	1:43:A:MET:HG3	16	0.69
(16,2091)	1:35:A:LEU:HD11	1:143:A:TRP:HB2	9	0.69
(16,2091)	1:35:A:LEU:HD12	1:143:A:TRP:HB2	9	0.69
(16,2091)	1:35:A:LEU:HD13	1:143:A:TRP:HB2	9	0.69
(16,2091)	1:35:A:LEU:HD21	1:143:A:TRP:HB2	9	0.69
(16,2091)	1:35:A:LEU:HD22	1:143:A:TRP:HB2	9	0.69
(16,2091)	1:35:A:LEU:HD23	1:143:A:TRP:HB2	9	0.69
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	4	0.69
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	4	0.69
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	4	0.69
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	5	0.69
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	5	0.69
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	5	0.69
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	5	0.69
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD11	11	0.69
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD12	11	0.69
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD13	11	0.69
(16,1517)	1:69:A:MET:HE1	1:116:A:GLN:HE22	19	0.69
(16,1517)	1:69:A:MET:HE2	1:116:A:GLN:HE22	19	0.69
(16,1517)	1:69:A:MET:HE3	1:116:A:GLN:HE22	19	0.69
(16,1480)	1:101:A:ILE:HG21	1:102:A:PRO:HA	19	0.69
(16,1480)	1:101:A:ILE:HG22	1:102:A:PRO:HA	19	0.69
(16,1480)	1:101:A:ILE:HG23	1:102:A:PRO:HA	19	0.69
(16,1345)	1:105:A:LYS:HD2	1:106:A:ASP:HA	9	0.69
(16,1345)	1:105:A:LYS:HD3	1:106:A:ASP:HA	9	0.69
(16,1309)	1:66:A:THR:HG21	1:96:A:VAL:HB	10	0.69
(16,1309)	1:66:A:THR:HG22	1:96:A:VAL:HB	10	0.69
(16,1309)	1:66:A:THR:HG23	1:96:A:VAL:HB	10	0.69
(16,1231)	1:34:A:LYS:H	1:81:A:GLU:HA	7	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD21	18	0.69
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD22	18	0.69
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD23	18	0.69
(16,978)	1:11:A:ILE:HG12	1:43:A:MET:HB2	10	0.69
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	2	0.69
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	2	0.69
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	2	0.69
(16,700)	1:54:A:ARG:HD2	1:56:A:CYS:H	3	0.69
(16,700)	1:54:A:ARG:HD3	1:56:A:CYS:H	3	0.69
(16,221)	1:108:A:GLU:H	1:111:A:GLU:HG3	3	0.69
(16,33)	1:96:A:VAL:H	1:97:A:ASP:HB2	6	0.69
(16,33)	1:96:A:VAL:H	1:97:A:ASP:HB3	6	0.69
(16,8)	1:64:A:LYS:H	1:116:A:GLN:HE22	4	0.69
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG2	1	0.69
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG3	1	0.69
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD11	9	0.69
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD12	9	0.69
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD13	9	0.69
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD21	9	0.69
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD22	9	0.69
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD23	9	0.69
(15,2035)	1:31:A:PRO:HD2	1:144:A:LEU:HB2	18	0.69
(15,2035)	1:31:A:PRO:HD2	1:144:A:LEU:HB3	18	0.69
(15,2035)	1:31:A:PRO:HD3	1:144:A:LEU:HB2	18	0.69
(15,2035)	1:31:A:PRO:HD3	1:144:A:LEU:HB3	18	0.69
(15,1993)	1:18:A:PHE:HB2	1:132:A:ALA:H	18	0.69
(15,1993)	1:18:A:PHE:HB3	1:132:A:ALA:H	18	0.69
(15,1499)	1:98:A:ILE:HG21	1:116:A:GLN:HG3	5	0.69
(15,1499)	1:98:A:ILE:HG22	1:116:A:GLN:HG3	5	0.69
(15,1499)	1:98:A:ILE:HG23	1:116:A:GLN:HG3	5	0.69
(15,1453)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	18	0.69
(15,1453)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	18	0.69
(15,1453)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	18	0.69
(15,1453)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	18	0.69
(15,1453)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	18	0.69
(15,1453)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	18	0.69
(15,1453)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	18	0.69
(15,1453)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	18	0.69
(15,1453)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	18	0.69
(15,1256)	1:12:A:VAL:H	1:12:A:VAL:HG11	12	0.69
(15,1256)	1:12:A:VAL:H	1:12:A:VAL:HG12	12	0.69
(15,1256)	1:12:A:VAL:H	1:12:A:VAL:HG13	12	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1256)	1:12:A:VAL:H	1:12:A:VAL:HG11	15	0.69
(15,1256)	1:12:A:VAL:H	1:12:A:VAL:HG12	15	0.69
(15,1256)	1:12:A:VAL:H	1:12:A:VAL:HG13	15	0.69
(15,1231)	1:136:A:CYS:HA	1:140:A:LEU:HD11	12	0.69
(15,1231)	1:136:A:CYS:HA	1:140:A:LEU:HD12	12	0.69
(15,1231)	1:136:A:CYS:HA	1:140:A:LEU:HD13	12	0.69
(15,1224)	1:34:A:LYS:H	1:81:A:GLU:HA	7	0.69
(15,1063)	1:95:A:ILE:HA	1:96:A:VAL:HB	17	0.69
(15,994)	1:98:A:ILE:H	1:105:A:LYS:HD2	10	0.69
(15,994)	1:98:A:ILE:H	1:105:A:LYS:HD3	10	0.69
(15,478)	1:14:A:VAL:H	1:61:A:SER:HA	12	0.69
(15,72)	1:13:A:ALA:HB1	1:81:A:GLU:H	6	0.69
(15,72)	1:13:A:ALA:HB2	1:81:A:GLU:H	6	0.69
(15,72)	1:13:A:ALA:HB3	1:81:A:GLU:H	6	0.69
(15,55)	1:98:A:ILE:H	1:101:A:ILE:HG13	13	0.69
(13,2394)	1:129:A:LYS:HG2	1:130:A:GLY:H	8	0.69
(13,2394)	1:129:A:LYS:HG3	1:130:A:GLY:H	8	0.69
(13,2283)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	3	0.69
(13,2283)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	3	0.69
(13,2283)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	3	0.69
(13,2283)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	3	0.69
(13,2283)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	3	0.69
(13,2283)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	3	0.69
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	1	0.69
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	1	0.69
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	1	0.69
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	1	0.69
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	1	0.69
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	1	0.69
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	1	0.69
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	1	0.69
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	1	0.69
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	1	0.69
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	1	0.69
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	1	0.69
(13,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	8	0.69
(13,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	8	0.69
(13,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	8	0.69
(13,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD21	8	0.69
(13,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD22	8	0.69
(13,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD23	8	0.69
(13,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	8	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	8	0.69
(13,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	8	0.69
(13,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD21	8	0.69
(13,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD22	8	0.69
(13,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD23	8	0.69
(13,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	8	0.69
(13,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	8	0.69
(13,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	8	0.69
(13,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD21	8	0.69
(13,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD22	8	0.69
(13,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD23	8	0.69
(13,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	8	0.69
(13,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	8	0.69
(13,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	8	0.69
(13,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD21	8	0.69
(13,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD22	8	0.69
(13,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD23	8	0.69
(13,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	8	0.69
(13,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	8	0.69
(13,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	8	0.69
(13,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD21	8	0.69
(13,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD22	8	0.69
(13,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD23	8	0.69
(13,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	8	0.69
(13,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	8	0.69
(13,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	8	0.69
(13,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD21	8	0.69
(13,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD22	8	0.69
(13,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD23	8	0.69
(13,1939)	1:12:A:VAL:HG11	1:81:A:GLU:H	9	0.69
(13,1939)	1:12:A:VAL:HG12	1:81:A:GLU:H	9	0.69
(13,1939)	1:12:A:VAL:HG13	1:81:A:GLU:H	9	0.69
(13,1939)	1:12:A:VAL:HG21	1:81:A:GLU:H	9	0.69
(13,1939)	1:12:A:VAL:HG22	1:81:A:GLU:H	9	0.69
(13,1939)	1:12:A:VAL:HG23	1:81:A:GLU:H	9	0.69
(13,1864)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	3	0.69
(13,1864)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	3	0.69
(13,1674)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	3	0.69
(13,1674)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	3	0.69
(13,1454)	1:101:A:ILE:HG21	1:102:A:PRO:HA	19	0.69
(13,1454)	1:101:A:ILE:HG22	1:102:A:PRO:HA	19	0.69
(13,1454)	1:101:A:ILE:HG23	1:102:A:PRO:HA	19	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1372)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	2	0.69
(13,1372)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	2	0.69
(13,1372)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	2	0.69
(13,1372)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	2	0.69
(13,1372)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	2	0.69
(13,1372)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	2	0.69
(13,1313)	1:105:A:LYS:HD2	1:106:A:ASP:HA	9	0.69
(13,1313)	1:105:A:LYS:HD3	1:106:A:ASP:HA	9	0.69
(13,925)	1:67:A:PRO:HA	1:70:A:LYS:HB2	1	0.69
(13,925)	1:67:A:PRO:HA	1:70:A:LYS:HB3	1	0.69
(13,693)	1:23:A:LEU:HD21	1:27:A:ARG:HE	6	0.69
(13,693)	1:23:A:LEU:HD22	1:27:A:ARG:HE	6	0.69
(13,693)	1:23:A:LEU:HD23	1:27:A:ARG:HE	6	0.69
(13,693)	1:23:A:LEU:HD21	1:27:A:ARG:HE	12	0.69
(13,693)	1:23:A:LEU:HD22	1:27:A:ARG:HE	12	0.69
(13,693)	1:23:A:LEU:HD23	1:27:A:ARG:HE	12	0.69
(13,678)	1:54:A:ARG:HD2	1:56:A:CYS:H	3	0.69
(13,678)	1:54:A:ARG:HD3	1:56:A:CYS:H	3	0.69
(13,390)	1:105:A:LYS:HD2	1:106:A:ASP:H	1	0.69
(13,390)	1:105:A:LYS:HD3	1:106:A:ASP:H	1	0.69
(13,370)	1:40:A:LEU:HB2	1:41:A:LYS:H	10	0.69
(13,66)	1:13:A:ALA:HB1	1:81:A:GLU:H	6	0.69
(13,66)	1:13:A:ALA:HB2	1:81:A:GLU:H	6	0.69
(13,66)	1:13:A:ALA:HB3	1:81:A:GLU:H	6	0.69
(11,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	9	0.69
(11,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	9	0.69
(11,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	9	0.69
(11,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	9	0.69
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD11	4	0.69
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD12	4	0.69
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD13	4	0.69
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD21	4	0.69
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD22	4	0.69
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD23	4	0.69
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD11	4	0.69
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD12	4	0.69
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD13	4	0.69
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD21	4	0.69
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD22	4	0.69
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD23	4	0.69
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD11	14	0.69
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD12	14	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD13	14	0.69
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD21	14	0.69
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD22	14	0.69
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD23	14	0.69
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD11	14	0.69
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD12	14	0.69
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD13	14	0.69
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD21	14	0.69
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD22	14	0.69
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD23	14	0.69
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	5	0.69
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	5	0.69
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	5	0.69
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	5	0.69
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	1	0.69
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	1	0.69
(11,1742)	1:141:A:LYS:HA	1:145:A:PRO:HD3	14	0.69
(11,1742)	1:141:A:LYS:HA	1:145:A:PRO:HD3	16	0.69
(11,1739)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	3	0.69
(11,1739)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	3	0.69
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD11	11	0.69
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD12	11	0.69
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD13	11	0.69
(11,1584)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	7	0.69
(11,1584)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	7	0.69
(11,1584)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	7	0.69
(11,1501)	1:101:A:ILE:HG21	1:102:A:PRO:HA	19	0.69
(11,1501)	1:101:A:ILE:HG22	1:102:A:PRO:HA	19	0.69
(11,1501)	1:101:A:ILE:HG23	1:102:A:PRO:HA	19	0.69
(11,1070)	1:95:A:ILE:HA	1:96:A:VAL:HB	17	0.69
(11,949)	1:67:A:PRO:HA	1:70:A:LYS:HB2	1	0.69
(11,949)	1:67:A:PRO:HA	1:70:A:LYS:HB3	1	0.69
(11,902)	1:20:A:THR:H	1:21:A:THR:HB	8	0.69
(11,692)	1:54:A:ARG:HD2	1:56:A:CYS:H	3	0.69
(11,692)	1:54:A:ARG:HD3	1:56:A:CYS:H	3	0.69
(11,488)	1:98:A:ILE:H	1:105:A:LYS:H	16	0.69
(11,367)	1:70:A:LYS:H	1:70:A:LYS:HE2	10	0.69
(11,367)	1:70:A:LYS:H	1:70:A:LYS:HE3	10	0.69
(9,2274)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	19	0.69
(9,2274)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	19	0.69
(9,2274)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	19	0.69
(9,2274)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	19	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2274)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	19	0.69
(9,2274)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	19	0.69
(9,2274)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	19	0.69
(9,2274)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	19	0.69
(9,2274)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	19	0.69
(9,2274)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	19	0.69
(9,2274)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	19	0.69
(9,2274)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	19	0.69
(9,1911)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	18	0.69
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	4	0.69
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	4	0.69
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	4	0.69
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE1	2	0.69
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE2	2	0.69
(9,1826)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	12	0.69
(9,1826)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	12	0.69
(9,1475)	1:101:A:ILE:HG21	1:102:A:PRO:HA	19	0.69
(9,1475)	1:101:A:ILE:HG22	1:102:A:PRO:HA	19	0.69
(9,1475)	1:101:A:ILE:HG23	1:102:A:PRO:HA	19	0.69
(9,1398)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	10	0.69
(9,1398)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	10	0.69
(9,1398)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	10	0.69
(9,1388)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	2	0.69
(9,1388)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	2	0.69
(9,1388)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	2	0.69
(9,1388)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	2	0.69
(9,1388)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	2	0.69
(9,1388)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	2	0.69
(9,1056)	1:95:A:ILE:HA	1:96:A:VAL:HB	17	0.69
(9,1029)	1:11:A:ILE:HG12	1:43:A:MET:HB3	16	0.69
(9,991)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	17	0.69
(9,991)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	17	0.69
(9,965)	1:141:A:LYS:HB2	1:149:A:ALA:HA	4	0.69
(9,965)	1:141:A:LYS:HB3	1:149:A:ALA:HA	4	0.69
(9,962)	1:11:A:ILE:HG12	1:43:A:MET:HB2	10	0.69
(9,937)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	8	0.69
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	11	0.69
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	11	0.69
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	11	0.69
(9,748)	1:103:A:ARG:HE	1:107:A:LEU:HD11	11	0.69
(9,748)	1:103:A:ARG:HE	1:107:A:LEU:HD12	11	0.69
(9,748)	1:103:A:ARG:HE	1:107:A:LEU:HD13	11	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,743)	1:105:A:LYS:HG2	1:112:A:GLN:HE21	9	0.69
(9,634)	1:59:A:CYS:H	1:60:A:LEU:HB3	17	0.69
(9,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	17	0.69
(9,69)	1:13:A:ALA:HB1	1:81:A:GLU:H	6	0.69
(9,69)	1:13:A:ALA:HB2	1:81:A:GLU:H	6	0.69
(9,69)	1:13:A:ALA:HB3	1:81:A:GLU:H	6	0.69
(9,51)	1:98:A:ILE:H	1:101:A:ILE:HB	19	0.69
(9,32)	1:96:A:VAL:H	1:97:A:ASP:HB2	6	0.69
(9,32)	1:96:A:VAL:H	1:97:A:ASP:HB3	6	0.69
(7,2399)	1:129:A:LYS:HB2	1:133:A:ASN:HB2	7	0.69
(7,2399)	1:129:A:LYS:HB2	1:133:A:ASN:HB3	7	0.69
(7,2399)	1:129:A:LYS:HB3	1:133:A:ASN:HB2	7	0.69
(7,2399)	1:129:A:LYS:HB3	1:133:A:ASN:HB3	7	0.69
(7,2287)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	3	0.69
(7,2287)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	3	0.69
(7,2287)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	3	0.69
(7,2287)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	3	0.69
(7,2287)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	3	0.69
(7,2287)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	3	0.69
(7,2214)	1:65:A:CYS:HB2	1:69:A:MET:HE1	12	0.69
(7,2214)	1:65:A:CYS:HB2	1:69:A:MET:HE2	12	0.69
(7,2214)	1:65:A:CYS:HB2	1:69:A:MET:HE3	12	0.69
(7,2214)	1:65:A:CYS:HB3	1:69:A:MET:HE1	12	0.69
(7,2214)	1:65:A:CYS:HB3	1:69:A:MET:HE2	12	0.69
(7,2214)	1:65:A:CYS:HB3	1:69:A:MET:HE3	12	0.69
(7,2194)	1:63:A:ILE:HG12	1:113:A:PHE:HE1	12	0.69
(7,2194)	1:63:A:ILE:HG12	1:113:A:PHE:HE2	12	0.69
(7,2194)	1:63:A:ILE:HG13	1:113:A:PHE:HE1	12	0.69
(7,2194)	1:63:A:ILE:HG13	1:113:A:PHE:HE2	12	0.69
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD1	5	0.69
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD2	5	0.69
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD1	5	0.69
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD2	5	0.69
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD11	8	0.69
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD12	8	0.69
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD13	8	0.69
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD21	8	0.69
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD22	8	0.69
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD23	8	0.69
(7,2048)	1:35:A:LEU:HD11	1:143:A:TRP:HA	16	0.69
(7,2048)	1:35:A:LEU:HD12	1:143:A:TRP:HA	16	0.69
(7,2048)	1:35:A:LEU:HD13	1:143:A:TRP:HA	16	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2048)	1:35:A:LEU:HD21	1:143:A:TRP:HA	16	0.69
(7,2048)	1:35:A:LEU:HD22	1:143:A:TRP:HA	16	0.69
(7,2048)	1:35:A:LEU:HD23	1:143:A:TRP:HA	16	0.69
(7,1792)	1:9:A:PHE:HZ	1:57:A:LEU:HA	5	0.69
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG21	10	0.69
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG22	10	0.69
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG23	10	0.69
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE1	5	0.69
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE2	5	0.69
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE3	5	0.69
(7,1458)	1:101:A:ILE:HG21	1:102:A:PRO:HA	19	0.69
(7,1458)	1:101:A:ILE:HG22	1:102:A:PRO:HA	19	0.69
(7,1458)	1:101:A:ILE:HG23	1:102:A:PRO:HA	19	0.69
(7,1378)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	2	0.69
(7,1378)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	2	0.69
(7,1378)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	2	0.69
(7,1378)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	2	0.69
(7,1378)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	2	0.69
(7,1378)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	2	0.69
(7,1321)	1:105:A:LYS:HD2	1:106:A:ASP:HA	9	0.69
(7,1321)	1:105:A:LYS:HD3	1:106:A:ASP:HA	9	0.69
(7,1235)	1:12:A:VAL:H	1:12:A:VAL:HG11	12	0.69
(7,1235)	1:12:A:VAL:H	1:12:A:VAL:HG12	12	0.69
(7,1235)	1:12:A:VAL:H	1:12:A:VAL:HG13	12	0.69
(7,1235)	1:12:A:VAL:H	1:12:A:VAL:HG11	15	0.69
(7,1235)	1:12:A:VAL:H	1:12:A:VAL:HG12	15	0.69
(7,1235)	1:12:A:VAL:H	1:12:A:VAL:HG13	15	0.69
(7,1004)	1:34:A:LYS:H	1:81:A:GLU:HB3	8	0.69
(7,977)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	17	0.69
(7,977)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	17	0.69
(7,960)	1:15:A:ALA:HB1	1:134:A:VAL:HB	16	0.69
(7,960)	1:15:A:ALA:HB2	1:134:A:VAL:HB	16	0.69
(7,960)	1:15:A:ALA:HB3	1:134:A:VAL:HB	16	0.69
(7,918)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	2	0.69
(7,918)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	2	0.69
(7,918)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	2	0.69
(7,918)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	2	0.69
(7,775)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	2	0.69
(7,775)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	2	0.69
(7,775)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	2	0.69
(7,775)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	16	0.69
(7,775)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	16	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,775)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	16	0.69
(7,688)	1:54:A:ARG:HD2	1:56:A:CYS:H	3	0.69
(7,688)	1:54:A:ARG:HD3	1:56:A:CYS:H	3	0.69
(7,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	17	0.69
(7,580)	1:50:A:ALA:HB1	1:126:A:GLY:H	7	0.69
(7,580)	1:50:A:ALA:HB2	1:126:A:GLY:H	7	0.69
(7,580)	1:50:A:ALA:HB3	1:126:A:GLY:H	7	0.69
(7,475)	1:14:A:VAL:H	1:61:A:SER:HA	12	0.69
(7,92)	1:95:A:ILE:HG21	1:97:A:ASP:H	10	0.69
(7,92)	1:95:A:ILE:HG22	1:97:A:ASP:H	10	0.69
(7,92)	1:95:A:ILE:HG23	1:97:A:ASP:H	10	0.69
(7,31)	1:96:A:VAL:H	1:97:A:ASP:HB2	6	0.69
(7,31)	1:96:A:VAL:H	1:97:A:ASP:HB3	6	0.69
(6,2411)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	18	0.69
(6,2411)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	18	0.69
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG2	1	0.69
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG3	1	0.69
(6,2025)	1:17:A:ASN:HB2	1:76:A:ARG:HA	11	0.69
(6,2025)	1:17:A:ASN:HB3	1:76:A:ARG:HA	11	0.69
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	13	0.69
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	13	0.69
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	13	0.69
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG21	13	0.69
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG22	13	0.69
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG23	13	0.69
(6,1921)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	17	0.69
(6,1921)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	17	0.69
(6,1921)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	17	0.69
(6,1921)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	17	0.69
(6,1921)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	17	0.69
(6,1921)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	17	0.69
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	4	0.69
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	4	0.69
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	4	0.69
(6,1830)	1:9:A:PHE:HZ	1:57:A:LEU:HA	5	0.69
(6,1704)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	3	0.69
(6,1704)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	3	0.69
(6,1578)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	18	0.69
(6,1578)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	18	0.69
(6,1578)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	18	0.69
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE1	5	0.69
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE2	5	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE3	5	0.69
(6,1455)	1:15:A:ALA:HB1	1:132:A:ALA:HA	18	0.69
(6,1455)	1:15:A:ALA:HB2	1:132:A:ALA:HA	18	0.69
(6,1455)	1:15:A:ALA:HB3	1:132:A:ALA:HA	18	0.69
(6,985)	1:98:A:ILE:HB	1:105:A:LYS:HB2	16	0.69
(6,985)	1:98:A:ILE:HB	1:105:A:LYS:HB3	16	0.69
(6,977)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	17	0.69
(6,977)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	17	0.69
(6,963)	1:15:A:ALA:HB1	1:134:A:VAL:HB	16	0.69
(6,963)	1:15:A:ALA:HB2	1:134:A:VAL:HB	16	0.69
(6,963)	1:15:A:ALA:HB3	1:134:A:VAL:HB	16	0.69
(6,921)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	2	0.69
(6,921)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	2	0.69
(6,921)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	2	0.69
(6,921)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	2	0.69
(6,832)	1:48:A:ARG:HD2	1:49:A:LYS:H	11	0.69
(6,832)	1:48:A:ARG:HD3	1:49:A:LYS:H	11	0.69
(6,687)	1:54:A:ARG:HD2	1:56:A:CYS:H	3	0.69
(6,687)	1:54:A:ARG:HD3	1:56:A:CYS:H	3	0.69
(6,630)	1:59:A:CYS:H	1:60:A:LEU:HB3	17	0.69
(6,609)	1:14:A:VAL:HB	1:16:A:SER:H	8	0.69
(6,469)	1:14:A:VAL:H	1:61:A:SER:HA	12	0.69
(5,2408)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	18	0.69
(5,2408)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	18	0.69
(5,2250)	1:70:A:LYS:HG2	1:71:A:LYS:H	19	0.69
(5,2250)	1:70:A:LYS:HG3	1:71:A:LYS:H	19	0.69
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD11	9	0.69
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD12	9	0.69
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD13	9	0.69
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD21	9	0.69
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD22	9	0.69
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD23	9	0.69
(5,2065)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	19	0.69
(5,2065)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	19	0.69
(5,2065)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	19	0.69
(5,2065)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	19	0.69
(5,2065)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	19	0.69
(5,2065)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	19	0.69
(5,1943)	1:8:A:ASP:H	1:58:A:ILE:HG12	12	0.69
(5,1943)	1:8:A:ASP:H	1:58:A:ILE:HG13	12	0.69
(5,1892)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	11	0.69
(5,1892)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	11	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1749)	1:21:A:THR:HG21	1:24:A:ASP:HB2	19	0.69
(5,1749)	1:21:A:THR:HG21	1:24:A:ASP:HB3	19	0.69
(5,1749)	1:21:A:THR:HG22	1:24:A:ASP:HB2	19	0.69
(5,1749)	1:21:A:THR:HG22	1:24:A:ASP:HB3	19	0.69
(5,1749)	1:21:A:THR:HG23	1:24:A:ASP:HB2	19	0.69
(5,1749)	1:21:A:THR:HG23	1:24:A:ASP:HB3	19	0.69
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG21	3	0.69
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG22	3	0.69
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG23	3	0.69
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG21	3	0.69
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG22	3	0.69
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG23	3	0.69
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG21	3	0.69
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG22	3	0.69
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG23	3	0.69
(5,1359)	1:105:A:LYS:HD2	1:106:A:ASP:HA	9	0.69
(5,1359)	1:105:A:LYS:HD3	1:106:A:ASP:HA	9	0.69
(5,1266)	1:12:A:VAL:H	1:12:A:VAL:HG11	12	0.69
(5,1266)	1:12:A:VAL:H	1:12:A:VAL:HG12	12	0.69
(5,1266)	1:12:A:VAL:H	1:12:A:VAL:HG13	12	0.69
(5,1266)	1:12:A:VAL:H	1:12:A:VAL:HG11	15	0.69
(5,1266)	1:12:A:VAL:H	1:12:A:VAL:HG12	15	0.69
(5,1266)	1:12:A:VAL:H	1:12:A:VAL:HG13	15	0.69
(5,1075)	1:54:A:ARG:HA	1:58:A:ILE:HB	19	0.69
(5,1025)	1:113:A:PHE:HA	1:116:A:GLN:HG3	15	0.69
(5,993)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	17	0.69
(5,993)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	17	0.69
(5,977)	1:47:A:ALA:HB1	1:134:A:VAL:HB	3	0.69
(5,977)	1:47:A:ALA:HB2	1:134:A:VAL:HB	3	0.69
(5,977)	1:47:A:ALA:HB3	1:134:A:VAL:HB	3	0.69
(5,960)	1:11:A:ILE:HG12	1:43:A:MET:HB2	5	0.69
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	9	0.69
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	9	0.69
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	9	0.69
(5,694)	1:56:A:CYS:H	1:122:A:ASP:HB2	11	0.69
(5,692)	1:54:A:ARG:HD2	1:56:A:CYS:H	3	0.69
(5,692)	1:54:A:ARG:HD3	1:56:A:CYS:H	3	0.69
(5,620)	1:67:A:PRO:HD2	1:96:A:VAL:H	12	0.69
(5,464)	1:14:A:VAL:H	1:61:A:SER:HA	12	0.69
(5,387)	1:105:A:LYS:HD2	1:106:A:ASP:H	1	0.69
(5,387)	1:105:A:LYS:HD3	1:106:A:ASP:H	1	0.69
(5,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	5	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	5	0.69
(5,229)	1:10:A:ASN:H	1:14:A:VAL:HG21	14	0.69
(5,229)	1:10:A:ASN:H	1:14:A:VAL:HG22	14	0.69
(5,229)	1:10:A:ASN:H	1:14:A:VAL:HG23	14	0.69
(5,48)	1:98:A:ILE:H	1:101:A:ILE:HB	19	0.69
(5,7)	1:64:A:LYS:H	1:116:A:GLN:HE22	4	0.69
(4,2036)	1:23:A:LEU:HD11	1:25:A:ALA:H	14	0.69
(4,2036)	1:23:A:LEU:HD12	1:25:A:ALA:H	14	0.69
(4,2036)	1:23:A:LEU:HD13	1:25:A:ALA:H	14	0.69
(4,2036)	1:23:A:LEU:HD21	1:25:A:ALA:H	14	0.69
(4,2036)	1:23:A:LEU:HD22	1:25:A:ALA:H	14	0.69
(4,2036)	1:23:A:LEU:HD23	1:25:A:ALA:H	14	0.69
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD11	12	0.69
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD12	12	0.69
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD13	12	0.69
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD21	12	0.69
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD22	12	0.69
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD23	12	0.69
(4,2012)	1:18:A:PHE:HB2	1:132:A:ALA:H	18	0.69
(4,2012)	1:18:A:PHE:HB3	1:132:A:ALA:H	18	0.69
(4,1560)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	18	0.69
(4,1560)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	18	0.69
(4,1560)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	18	0.69
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD21	1	0.69
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD22	1	0.69
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD23	1	0.69
(4,1041)	1:95:A:ILE:HA	1:96:A:VAL:HB	17	0.69
(4,965)	1:15:A:ALA:HB1	1:134:A:VAL:HB	16	0.69
(4,965)	1:15:A:ALA:HB2	1:134:A:VAL:HB	16	0.69
(4,965)	1:15:A:ALA:HB3	1:134:A:VAL:HB	16	0.69
(4,908)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	16	0.69
(4,837)	1:48:A:ARG:HD2	1:49:A:LYS:H	11	0.69
(4,837)	1:48:A:ARG:HD3	1:49:A:LYS:H	11	0.69
(4,794)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	10	0.69
(4,794)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	10	0.69
(4,794)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	10	0.69
(4,788)	1:63:A:ILE:HD11	1:117:A:VAL:HB	14	0.69
(4,788)	1:63:A:ILE:HD12	1:117:A:VAL:HB	14	0.69
(4,788)	1:63:A:ILE:HD13	1:117:A:VAL:HB	14	0.69
(4,698)	1:23:A:LEU:HD21	1:27:A:ARG:HE	6	0.69
(4,698)	1:23:A:LEU:HD22	1:27:A:ARG:HE	6	0.69
(4,698)	1:23:A:LEU:HD23	1:27:A:ARG:HE	6	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,698)	1:23:A:LEU:HD21	1:27:A:ARG:HE	12	0.69
(4,698)	1:23:A:LEU:HD22	1:27:A:ARG:HE	12	0.69
(4,698)	1:23:A:LEU:HD23	1:27:A:ARG:HE	12	0.69
(4,683)	1:54:A:ARG:HD2	1:56:A:CYS:H	3	0.69
(4,683)	1:54:A:ARG:HD3	1:56:A:CYS:H	3	0.69
(4,464)	1:14:A:VAL:H	1:61:A:SER:HA	12	0.69
(4,352)	1:70:A:LYS:H	1:70:A:LYS:HE2	10	0.69
(4,352)	1:70:A:LYS:H	1:70:A:LYS:HE3	10	0.69
(4,43)	1:98:A:ILE:H	1:104:A:PHE:HB2	18	0.69
(3,2442)	1:129:A:LYS:HB2	1:133:A:ASN:HB2	7	0.69
(3,2442)	1:129:A:LYS:HB2	1:133:A:ASN:HB3	7	0.69
(3,2442)	1:129:A:LYS:HB3	1:133:A:ASN:HB2	7	0.69
(3,2442)	1:129:A:LYS:HB3	1:133:A:ASN:HB3	7	0.69
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD11	9	0.69
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD12	9	0.69
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD13	9	0.69
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD21	9	0.69
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD22	9	0.69
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD23	9	0.69
(3,2105)	1:35:A:LEU:HD11	1:143:A:TRP:HA	16	0.69
(3,2105)	1:35:A:LEU:HD12	1:143:A:TRP:HA	16	0.69
(3,2105)	1:35:A:LEU:HD13	1:143:A:TRP:HA	16	0.69
(3,2105)	1:35:A:LEU:HD21	1:143:A:TRP:HA	16	0.69
(3,2105)	1:35:A:LEU:HD22	1:143:A:TRP:HA	16	0.69
(3,2105)	1:35:A:LEU:HD23	1:143:A:TRP:HA	16	0.69
(3,2045)	1:17:A:ASN:HD21	1:79:A:THR:H	1	0.69
(3,2045)	1:17:A:ASN:HD22	1:79:A:THR:H	1	0.69
(3,2042)	1:17:A:ASN:HB2	1:76:A:ARG:HA	11	0.69
(3,2042)	1:17:A:ASN:HB3	1:76:A:ARG:HA	11	0.69
(3,1854)	1:9:A:PHE:HZ	1:57:A:LEU:HA	5	0.69
(3,1459)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	17	0.69
(3,1459)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	17	0.69
(3,1459)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	17	0.69
(3,1419)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	2	0.69
(3,1419)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	2	0.69
(3,1419)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	2	0.69
(3,1419)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	2	0.69
(3,1419)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	2	0.69
(3,1419)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	2	0.69
(3,1366)	1:105:A:LYS:HD2	1:106:A:ASP:HA	9	0.69
(3,1366)	1:105:A:LYS:HD3	1:106:A:ASP:HA	9	0.69
(3,1249)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	10	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1249)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	10	0.69
(3,1249)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	10	0.69
(3,1245)	1:34:A:LYS:H	1:81:A:GLU:HA	7	0.69
(3,1103)	1:45:A:ALA:HA	1:48:A:ARG:HG2	3	0.69
(3,1103)	1:45:A:ALA:HA	1:48:A:ARG:HG3	3	0.69
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB1	15	0.69
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB2	15	0.69
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB3	15	0.69
(3,960)	1:67:A:PRO:HA	1:70:A:LYS:HB2	1	0.69
(3,960)	1:67:A:PRO:HA	1:70:A:LYS:HB3	1	0.69
(3,857)	1:48:A:ARG:HD2	1:49:A:LYS:H	11	0.69
(3,857)	1:48:A:ARG:HD3	1:49:A:LYS:H	11	0.69
(3,834)	1:98:A:ILE:HD11	1:119:A:LEU:HG	2	0.69
(3,834)	1:98:A:ILE:HD12	1:119:A:LEU:HG	2	0.69
(3,834)	1:98:A:ILE:HD13	1:119:A:LEU:HG	2	0.69
(3,814)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	12	0.69
(3,814)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	12	0.69
(3,814)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	12	0.69
(3,698)	1:54:A:ARG:HD2	1:56:A:CYS:H	3	0.69
(3,698)	1:54:A:ARG:HD3	1:56:A:CYS:H	3	0.69
(3,692)	1:145:A:PRO:HB3	1:148:A:CYS:H	19	0.69
(3,585)	1:50:A:ALA:HB1	1:126:A:GLY:H	7	0.69
(3,585)	1:50:A:ALA:HB2	1:126:A:GLY:H	7	0.69
(3,585)	1:50:A:ALA:HB3	1:126:A:GLY:H	7	0.69
(3,476)	1:14:A:VAL:H	1:61:A:SER:HA	12	0.69
(3,386)	1:62:A:HIS:H	1:63:A:ILE:HG13	17	0.69
(3,104)	1:69:A:MET:H	1:69:A:MET:HE1	14	0.69
(3,104)	1:69:A:MET:H	1:69:A:MET:HE2	14	0.69
(3,104)	1:69:A:MET:H	1:69:A:MET:HE3	14	0.69
(3,9)	1:64:A:LYS:H	1:116:A:GLN:HE22	4	0.69
(2,2326)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	3	0.69
(2,2326)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	3	0.69
(2,2326)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	3	0.69
(2,2326)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	3	0.69
(2,2326)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	3	0.69
(2,2326)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	3	0.69
(2,2056)	1:23:A:LEU:HD11	1:25:A:ALA:H	14	0.69
(2,2056)	1:23:A:LEU:HD12	1:25:A:ALA:H	14	0.69
(2,2056)	1:23:A:LEU:HD13	1:25:A:ALA:H	14	0.69
(2,2056)	1:23:A:LEU:HD21	1:25:A:ALA:H	14	0.69
(2,2056)	1:23:A:LEU:HD22	1:25:A:ALA:H	14	0.69
(2,2056)	1:23:A:LEU:HD23	1:25:A:ALA:H	14	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1873)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	2	0.69
(2,1873)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	2	0.69
(2,1873)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	2	0.69
(2,1873)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	2	0.69
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	5	0.69
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	5	0.69
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	5	0.69
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	5	0.69
(2,1724)	1:141:A:LYS:HA	1:145:A:PRO:HD3	14	0.69
(2,1724)	1:141:A:LYS:HA	1:145:A:PRO:HD3	16	0.69
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG21	9	0.69
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG22	9	0.69
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG23	9	0.69
(2,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	12	0.69
(2,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	12	0.69
(2,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	12	0.69
(2,1365)	1:118:A:ASP:HA	1:121:A:VAL:HG11	6	0.69
(2,1365)	1:118:A:ASP:HA	1:121:A:VAL:HG12	6	0.69
(2,1365)	1:118:A:ASP:HA	1:121:A:VAL:HG13	6	0.69
(2,1340)	1:105:A:LYS:HD2	1:106:A:ASP:HA	9	0.69
(2,1340)	1:105:A:LYS:HD3	1:106:A:ASP:HA	9	0.69
(2,1053)	1:95:A:ILE:HA	1:96:A:VAL:HB	17	0.69
(2,956)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	18	0.69
(2,956)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	18	0.69
(2,794)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	13	0.69
(2,794)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	13	0.69
(2,794)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	13	0.69
(2,794)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	13	0.69
(2,794)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	13	0.69
(2,794)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	13	0.69
(2,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	17	0.69
(2,470)	1:14:A:VAL:H	1:61:A:SER:HA	12	0.69
(2,67)	1:13:A:ALA:HB1	1:81:A:GLU:H	6	0.69
(2,67)	1:13:A:ALA:HB2	1:81:A:GLU:H	6	0.69
(2,67)	1:13:A:ALA:HB3	1:81:A:GLU:H	6	0.69
(1,2404)	1:136:A:CYS:HA	1:140:A:LEU:HD11	12	0.69
(1,2404)	1:136:A:CYS:HA	1:140:A:LEU:HD12	12	0.69
(1,2404)	1:136:A:CYS:HA	1:140:A:LEU:HD13	12	0.69
(1,2404)	1:136:A:CYS:HA	1:140:A:LEU:HD21	12	0.69
(1,2404)	1:136:A:CYS:HA	1:140:A:LEU:HD22	12	0.69
(1,2404)	1:136:A:CYS:HA	1:140:A:LEU:HD23	12	0.69
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	2	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	2	0.69
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	2	0.69
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	2	0.69
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	2	0.69
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	2	0.69
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	2	0.69
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	2	0.69
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	2	0.69
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	2	0.69
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	2	0.69
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	2	0.69
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	7	0.69
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	7	0.69
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	7	0.69
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	7	0.69
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	7	0.69
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	7	0.69
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	7	0.69
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	7	0.69
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	7	0.69
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	7	0.69
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	7	0.69
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	7	0.69
(1,1880)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	11	0.69
(1,1880)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	11	0.69
(1,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	12	0.69
(1,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	12	0.69
(1,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	12	0.69
(1,1341)	1:105:A:LYS:HD2	1:106:A:ASP:HA	9	0.69
(1,1341)	1:105:A:LYS:HD3	1:106:A:ASP:HA	9	0.69
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	9	0.69
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	9	0.69
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	9	0.69
(1,1258)	1:12:A:VAL:H	1:12:A:VAL:HG11	12	0.69
(1,1258)	1:12:A:VAL:H	1:12:A:VAL:HG12	12	0.69
(1,1258)	1:12:A:VAL:H	1:12:A:VAL:HG13	12	0.69
(1,1258)	1:12:A:VAL:H	1:12:A:VAL:HG11	15	0.69
(1,1258)	1:12:A:VAL:H	1:12:A:VAL:HG12	15	0.69
(1,1258)	1:12:A:VAL:H	1:12:A:VAL:HG13	15	0.69
(1,1229)	1:143:A:TRP:H	1:144:A:LEU:HD21	10	0.69
(1,1229)	1:143:A:TRP:H	1:144:A:LEU:HD22	10	0.69
(1,1229)	1:143:A:TRP:H	1:144:A:LEU:HD23	10	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1069)	1:95:A:ILE:HA	1:96:A:VAL:HB	17	0.69
(1,964)	1:67:A:PRO:HA	1:70:A:LYS:HB2	1	0.69
(1,964)	1:67:A:PRO:HA	1:70:A:LYS:HB3	1	0.69
(1,940)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	4	0.69
(1,940)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	4	0.69
(1,940)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	4	0.69
(1,832)	1:98:A:ILE:HD11	1:101:A:ILE:HB	9	0.69
(1,832)	1:98:A:ILE:HD12	1:101:A:ILE:HB	9	0.69
(1,832)	1:98:A:ILE:HD13	1:101:A:ILE:HB	9	0.69
(1,809)	1:63:A:ILE:HD11	1:117:A:VAL:HB	14	0.69
(1,809)	1:63:A:ILE:HD12	1:117:A:VAL:HB	14	0.69
(1,809)	1:63:A:ILE:HD13	1:117:A:VAL:HB	14	0.69
(1,803)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	7	0.69
(1,803)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	7	0.69
(1,803)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	7	0.69
(1,803)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	7	0.69
(1,803)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	7	0.69
(1,803)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	7	0.69
(1,701)	1:54:A:ARG:HD2	1:56:A:CYS:H	3	0.69
(1,701)	1:54:A:ARG:HD3	1:56:A:CYS:H	3	0.69
(1,476)	1:14:A:VAL:H	1:61:A:SER:HA	12	0.69
(1,176)	1:95:A:ILE:H	1:95:A:ILE:HB	2	0.69
(1,9)	1:64:A:LYS:H	1:116:A:GLN:HE22	4	0.69
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD11	3	0.68
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD12	3	0.68
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD13	3	0.68
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD21	3	0.68
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD22	3	0.68
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD23	3	0.68
(34,2241)	1:69:A:MET:HG2	1:109:A:PRO:HA	19	0.68
(34,2241)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.68
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG11	18	0.68
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG12	18	0.68
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG13	18	0.68
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG21	18	0.68
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG22	18	0.68
(34,2174)	1:50:A:ALA:H	1:134:A:VAL:HG23	18	0.68
(34,1994)	1:14:A:VAL:HG11	1:18:A:PHE:HA	18	0.68
(34,1994)	1:14:A:VAL:HG12	1:18:A:PHE:HA	18	0.68
(34,1994)	1:14:A:VAL:HG13	1:18:A:PHE:HA	18	0.68
(34,1994)	1:14:A:VAL:HG21	1:18:A:PHE:HA	18	0.68
(34,1994)	1:14:A:VAL:HG22	1:18:A:PHE:HA	18	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1994)	1:14:A:VAL:HG23	1:18:A:PHE:HA	18	0.68
(34,1973)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	11	0.68
(34,1973)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	11	0.68
(34,1973)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	11	0.68
(34,1973)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	11	0.68
(34,1973)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	11	0.68
(34,1973)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	11	0.68
(34,1906)	1:63:A:ILE:HB	1:113:A:PHE:HD1	17	0.68
(34,1906)	1:63:A:ILE:HB	1:113:A:PHE:HD2	17	0.68
(34,1903)	1:18:A:PHE:HE1	1:57:A:LEU:HG	13	0.68
(34,1903)	1:18:A:PHE:HE2	1:57:A:LEU:HG	13	0.68
(34,1775)	1:97:A:ASP:HA	1:105:A:LYS:HG3	11	0.68
(34,1772)	1:141:A:LYS:HA	1:144:A:LEU:HD21	1	0.68
(34,1772)	1:141:A:LYS:HA	1:144:A:LEU:HD22	1	0.68
(34,1772)	1:141:A:LYS:HA	1:144:A:LEU:HD23	1	0.68
(34,1665)	1:132:A:ALA:HA	1:134:A:VAL:HG21	6	0.68
(34,1665)	1:132:A:ALA:HA	1:134:A:VAL:HG22	6	0.68
(34,1665)	1:132:A:ALA:HA	1:134:A:VAL:HG23	6	0.68
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG21	13	0.68
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG22	13	0.68
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG23	13	0.68
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	6	0.68
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	6	0.68
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	6	0.68
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	6	0.68
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	6	0.68
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	6	0.68
(34,1252)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	1	0.68
(34,1252)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	1	0.68
(34,1252)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	1	0.68
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD11	1	0.68
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD12	1	0.68
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD13	1	0.68
(34,1057)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	6	0.68
(34,955)	1:60:A:LEU:HB3	1:117:A:VAL:HA	19	0.68
(34,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	4	0.68
(34,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	4	0.68
(34,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	4	0.68
(34,801)	1:63:A:ILE:HD11	1:117:A:VAL:HB	12	0.68
(34,801)	1:63:A:ILE:HD12	1:117:A:VAL:HB	12	0.68
(34,801)	1:63:A:ILE:HD13	1:117:A:VAL:HB	12	0.68
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	9	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	9	0.68
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	9	0.68
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	9	0.68
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	9	0.68
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	9	0.68
(34,643)	1:59:A:CYS:H	1:60:A:LEU:HB3	16	0.68
(34,643)	1:59:A:CYS:H	1:60:A:LEU:HB3	18	0.68
(34,630)	1:35:A:LEU:H	1:80:A:TYR:HB2	1	0.68
(34,630)	1:35:A:LEU:H	1:80:A:TYR:HB2	10	0.68
(34,552)	1:60:A:LEU:HD21	1:61:A:SER:H	5	0.68
(34,552)	1:60:A:LEU:HD22	1:61:A:SER:H	5	0.68
(34,552)	1:60:A:LEU:HD23	1:61:A:SER:H	5	0.68
(34,60)	1:34:A:LYS:H	1:81:A:GLU:H	9	0.68
(33,2456)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	8	0.68
(33,2456)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	8	0.68
(33,2456)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	8	0.68
(33,2456)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	8	0.68
(33,2456)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	8	0.68
(33,2456)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	8	0.68
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD21	16	0.68
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD22	16	0.68
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD23	16	0.68
(33,1593)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	12	0.68
(33,1593)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	12	0.68
(33,1593)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	12	0.68
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG11	18	0.68
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG12	18	0.68
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG13	18	0.68
(33,1107)	1:41:A:LYS:HA	1:44:A:GLU:HG2	11	0.68
(33,1056)	1:43:A:MET:HB2	1:140:A:LEU:HG	10	0.68
(33,1003)	1:98:A:ILE:HB	1:105:A:LYS:HB2	5	0.68
(33,1003)	1:98:A:ILE:HB	1:105:A:LYS:HB3	5	0.68
(33,747)	1:105:A:LYS:HG3	1:112:A:GLN:HE21	2	0.68
(33,588)	1:70:A:LYS:HB2	1:75:A:GLY:H	5	0.68
(33,588)	1:70:A:LYS:HB3	1:75:A:GLY:H	5	0.68
(33,295)	1:140:A:LEU:H	1:140:A:LEU:HD21	13	0.68
(33,295)	1:140:A:LEU:H	1:140:A:LEU:HD22	13	0.68
(33,295)	1:140:A:LEU:H	1:140:A:LEU:HD23	13	0.68
(32,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	7	0.68
(32,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	7	0.68
(32,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	7	0.68
(32,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	7	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD11	6	0.68
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD12	6	0.68
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD13	6	0.68
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD21	6	0.68
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD22	6	0.68
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD23	6	0.68
(32,1889)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	19	0.68
(32,1889)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	19	0.68
(32,1566)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	12	0.68
(32,1566)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	12	0.68
(32,1566)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	12	0.68
(32,773)	1:63:A:ILE:HD11	1:117:A:VAL:HB	12	0.68
(32,773)	1:63:A:ILE:HD12	1:117:A:VAL:HB	12	0.68
(32,773)	1:63:A:ILE:HD13	1:117:A:VAL:HB	12	0.68
(32,180)	1:44:A:GLU:H	1:44:A:GLU:HG3	4	0.68
(32,57)	1:34:A:LYS:H	1:81:A:GLU:H	9	0.68
(30,2286)	1:79:A:THR:HG21	1:81:A:GLU:HB2	1	0.68
(30,2286)	1:79:A:THR:HG21	1:81:A:GLU:HB3	1	0.68
(30,2286)	1:79:A:THR:HG22	1:81:A:GLU:HB2	1	0.68
(30,2286)	1:79:A:THR:HG22	1:81:A:GLU:HB3	1	0.68
(30,2286)	1:79:A:THR:HG23	1:81:A:GLU:HB2	1	0.68
(30,2286)	1:79:A:THR:HG23	1:81:A:GLU:HB3	1	0.68
(30,2134)	1:39:A:VAL:HG11	1:144:A:LEU:H	19	0.68
(30,2134)	1:39:A:VAL:HG12	1:144:A:LEU:H	19	0.68
(30,2134)	1:39:A:VAL:HG13	1:144:A:LEU:H	19	0.68
(30,2134)	1:39:A:VAL:HG21	1:144:A:LEU:H	19	0.68
(30,2134)	1:39:A:VAL:HG22	1:144:A:LEU:H	19	0.68
(30,2134)	1:39:A:VAL:HG23	1:144:A:LEU:H	19	0.68
(30,2084)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	19	0.68
(30,2084)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	19	0.68
(30,2084)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	19	0.68
(30,2084)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	19	0.68
(30,2084)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	19	0.68
(30,2084)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	19	0.68
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	15	0.68
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	15	0.68
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	15	0.68
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	15	0.68
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	15	0.68
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	15	0.68
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	15	0.68
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	15	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	15	0.68
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	15	0.68
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	15	0.68
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	15	0.68
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	15	0.68
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	15	0.68
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	15	0.68
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	15	0.68
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	15	0.68
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	15	0.68
(30,1929)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	19	0.68
(30,1929)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	19	0.68
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE1	3	0.68
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE2	3	0.68
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE1	3	0.68
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE2	3	0.68
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE1	3	0.68
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE2	3	0.68
(30,1827)	1:9:A:PHE:HZ	1:57:A:LEU:HA	17	0.68
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG11	18	0.68
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG12	18	0.68
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG13	18	0.68
(30,1651)	1:131:A:LEU:H	1:134:A:VAL:HG11	19	0.68
(30,1651)	1:131:A:LEU:H	1:134:A:VAL:HG12	19	0.68
(30,1651)	1:131:A:LEU:H	1:134:A:VAL:HG13	19	0.68
(30,1647)	1:134:A:VAL:HG21	1:136:A:CYS:HA	9	0.68
(30,1647)	1:134:A:VAL:HG22	1:136:A:CYS:HA	9	0.68
(30,1647)	1:134:A:VAL:HG23	1:136:A:CYS:HA	9	0.68
(30,1606)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	12	0.68
(30,1606)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	12	0.68
(30,1606)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	12	0.68
(30,1242)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	18	0.68
(30,1242)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	18	0.68
(30,1242)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	18	0.68
(30,1242)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	18	0.68
(30,1242)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	18	0.68
(30,1242)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	18	0.68
(30,1222)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	1	0.68
(30,1222)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	1	0.68
(30,1222)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	1	0.68
(30,1099)	1:18:A:PHE:HA	1:113:A:PHE:HZ	1	0.68
(30,918)	1:125:A:THR:HB	1:129:A:LYS:HG2	9	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	7	0.68
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	7	0.68
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	7	0.68
(30,679)	1:133:A:ASN:H	1:134:A:VAL:HG21	1	0.68
(30,679)	1:133:A:ASN:H	1:134:A:VAL:HG22	1	0.68
(30,679)	1:133:A:ASN:H	1:134:A:VAL:HG23	1	0.68
(30,488)	1:98:A:ILE:H	1:105:A:LYS:H	16	0.68
(29,2424)	1:140:A:LEU:HD11	1:144:A:LEU:H	13	0.68
(29,2424)	1:140:A:LEU:HD12	1:144:A:LEU:H	13	0.68
(29,2424)	1:140:A:LEU:HD13	1:144:A:LEU:H	13	0.68
(29,2424)	1:140:A:LEU:HD21	1:144:A:LEU:H	13	0.68
(29,2424)	1:140:A:LEU:HD22	1:144:A:LEU:H	13	0.68
(29,2424)	1:140:A:LEU:HD23	1:144:A:LEU:H	13	0.68
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD11	3	0.68
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD12	3	0.68
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD13	3	0.68
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD21	3	0.68
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD22	3	0.68
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD23	3	0.68
(29,2077)	1:32:A:GLY:HA2	1:34:A:LYS:H	2	0.68
(29,2077)	1:32:A:GLY:HA3	1:34:A:LYS:H	2	0.68
(29,2014)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	4	0.68
(29,2014)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	4	0.68
(29,2014)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	4	0.68
(29,2014)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	4	0.68
(29,2014)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	4	0.68
(29,2014)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	4	0.68
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	15	0.68
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	15	0.68
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	15	0.68
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	15	0.68
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	15	0.68
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	15	0.68
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	15	0.68
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	15	0.68
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	15	0.68
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	15	0.68
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	15	0.68
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	15	0.68
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	15	0.68
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	15	0.68
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	15	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	15	0.68
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	15	0.68
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	15	0.68
(29,1993)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	11	0.68
(29,1993)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	11	0.68
(29,1993)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	11	0.68
(29,1993)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	11	0.68
(29,1993)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	11	0.68
(29,1993)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	11	0.68
(29,1888)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	1	0.68
(29,1888)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	1	0.68
(29,1888)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	1	0.68
(29,1888)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	1	0.68
(29,1888)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	1	0.68
(29,1888)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	1	0.68
(29,1665)	1:134:A:VAL:HG21	1:136:A:CYS:HA	9	0.68
(29,1665)	1:134:A:VAL:HG22	1:136:A:CYS:HA	9	0.68
(29,1665)	1:134:A:VAL:HG23	1:136:A:CYS:HA	9	0.68
(29,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	12	0.68
(29,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	12	0.68
(29,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	12	0.68
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	6	0.68
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	6	0.68
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	6	0.68
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	6	0.68
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	6	0.68
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	6	0.68
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE1	16	0.68
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE2	16	0.68
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE3	16	0.68
(29,1467)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	18	0.68
(29,1467)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	18	0.68
(29,1467)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	18	0.68
(29,1467)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	18	0.68
(29,1467)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	18	0.68
(29,1467)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	18	0.68
(29,1467)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	18	0.68
(29,1467)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	18	0.68
(29,1467)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	18	0.68
(29,1122)	1:41:A:LYS:HA	1:44:A:GLU:HG2	11	0.68
(29,1035)	1:113:A:PHE:HA	1:116:A:GLN:HG3	7	0.68
(29,933)	1:125:A:THR:HB	1:129:A:LYS:HG2	9	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	7	0.68
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	7	0.68
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	7	0.68
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	7	0.68
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	7	0.68
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	7	0.68
(29,687)	1:133:A:ASN:H	1:134:A:VAL:HG21	1	0.68
(29,687)	1:133:A:ASN:H	1:134:A:VAL:HG22	1	0.68
(29,687)	1:133:A:ASN:H	1:134:A:VAL:HG23	1	0.68
(29,660)	1:96:A:VAL:HA	1:116:A:GLN:HE22	8	0.68
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE1	4	0.68
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE2	4	0.68
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE3	4	0.68
(29,37)	1:95:A:ILE:HB	1:96:A:VAL:H	9	0.68
(23,16)	1:117:A:VAL:N	1:113:A:PHE:O	4	0.68
(23,16)	1:117:A:VAL:N	1:113:A:PHE:O	19	0.68
(23,15)	1:116:A:GLN:N	1:112:A:GLN:O	7	0.68
(23,13)	1:114:A:ILE:N	1:110:A:MET:O	3	0.68
(23,12)	1:113:A:PHE:N	1:109:A:PRO:O	1	0.68
(23,10)	1:101:A:ILE:N	1:98:A:ILE:O	4	0.68
(23,10)	1:101:A:ILE:N	1:98:A:ILE:O	8	0.68
(22,41)	1:129:A:LYS:H	1:125:A:THR:C	9	0.68
(22,40)	1:128:A:LEU:N	1:124:A:THR:C	4	0.68
(22,39)	1:128:A:LEU:H	1:124:A:THR:C	7	0.68
(22,35)	1:119:A:LEU:H	1:115:A:ALA:C	2	0.68
(22,35)	1:119:A:LEU:H	1:115:A:ALA:C	10	0.68
(22,32)	1:117:A:VAL:N	1:113:A:PHE:C	11	0.68
(22,21)	1:107:A:LEU:H	1:103:A:ARG:C	5	0.68
(22,14)	1:60:A:LEU:N	1:56:A:CYS:C	2	0.68
(22,10)	1:58:A:ILE:N	1:54:A:ARG:C	9	0.68
(22,10)	1:58:A:ILE:N	1:54:A:ARG:C	18	0.68
(22,9)	1:58:A:ILE:H	1:54:A:ARG:C	14	0.68
(22,1)	1:17:A:ASN:H	1:13:A:ALA:C	14	0.68
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD11	3	0.68
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD12	3	0.68
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD13	3	0.68
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD21	3	0.68
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD22	3	0.68
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD23	3	0.68
(18,2322)	1:107:A:LEU:HD11	1:112:A:GLN:HA	5	0.68
(18,2322)	1:107:A:LEU:HD12	1:112:A:GLN:HA	5	0.68
(18,2322)	1:107:A:LEU:HD13	1:112:A:GLN:HA	5	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2322)	1:107:A:LEU:HD21	1:112:A:GLN:HA	5	0.68
(18,2322)	1:107:A:LEU:HD22	1:112:A:GLN:HA	5	0.68
(18,2322)	1:107:A:LEU:HD23	1:112:A:GLN:HA	5	0.68
(18,2225)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	3	0.68
(18,2225)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	3	0.68
(18,2225)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	3	0.68
(18,2225)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	3	0.68
(18,2225)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	3	0.68
(18,2225)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	3	0.68
(18,2225)	1:60:A:LEU:HD11	1:122:A:ASP:HB3	3	0.68
(18,2225)	1:60:A:LEU:HD12	1:122:A:ASP:HB3	3	0.68
(18,2225)	1:60:A:LEU:HD13	1:122:A:ASP:HB3	3	0.68
(18,2225)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	3	0.68
(18,2225)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	3	0.68
(18,2225)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	3	0.68
(18,2224)	1:60:A:LEU:HD11	1:122:A:ASP:H	4	0.68
(18,2224)	1:60:A:LEU:HD12	1:122:A:ASP:H	4	0.68
(18,2224)	1:60:A:LEU:HD13	1:122:A:ASP:H	4	0.68
(18,2224)	1:60:A:LEU:HD21	1:122:A:ASP:H	4	0.68
(18,2224)	1:60:A:LEU:HD22	1:122:A:ASP:H	4	0.68
(18,2224)	1:60:A:LEU:HD23	1:122:A:ASP:H	4	0.68
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD11	6	0.68
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD12	6	0.68
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD13	6	0.68
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD21	6	0.68
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD22	6	0.68
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD23	6	0.68
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD11	6	0.68
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD12	6	0.68
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD13	6	0.68
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD21	6	0.68
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD22	6	0.68
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD23	6	0.68
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD11	6	0.68
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD12	6	0.68
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD13	6	0.68
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD21	6	0.68
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD22	6	0.68
(18,2056)	1:31:A:PRO:HB2	1:140:A:LEU:HD23	6	0.68
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD11	6	0.68
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD12	6	0.68
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD13	6	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD21	6	0.68
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD22	6	0.68
(18,2056)	1:31:A:PRO:HB3	1:140:A:LEU:HD23	6	0.68
(18,2044)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	5	0.68
(18,2044)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	5	0.68
(18,2044)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	5	0.68
(18,2044)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	5	0.68
(18,2044)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	5	0.68
(18,2044)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	5	0.68
(18,2044)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	5	0.68
(18,2044)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	5	0.68
(18,2044)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	5	0.68
(18,2044)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	5	0.68
(18,2044)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	5	0.68
(18,2044)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	5	0.68
(18,1972)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	11	0.68
(18,1972)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	11	0.68
(18,1972)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	11	0.68
(18,1972)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	11	0.68
(18,1972)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	11	0.68
(18,1972)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	11	0.68
(18,1774)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	10	0.68
(18,1774)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	10	0.68
(18,1774)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	10	0.68
(18,1774)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	10	0.68
(18,1774)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	10	0.68
(18,1774)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	10	0.68
(18,1643)	1:69:A:MET:HE1	1:116:A:GLN:HG3	14	0.68
(18,1643)	1:69:A:MET:HE2	1:116:A:GLN:HG3	14	0.68
(18,1643)	1:69:A:MET:HE3	1:116:A:GLN:HG3	14	0.68
(18,1531)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	12	0.68
(18,1531)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	12	0.68
(18,1531)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	12	0.68
(18,1531)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	12	0.68
(18,1531)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	12	0.68
(18,1531)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	12	0.68
(18,1495)	1:43:A:MET:HA	1:43:A:MET:HE1	7	0.68
(18,1495)	1:43:A:MET:HA	1:43:A:MET:HE2	7	0.68
(18,1495)	1:43:A:MET:HA	1:43:A:MET:HE3	7	0.68
(18,1352)	1:118:A:ASP:HA	1:121:A:VAL:HG11	6	0.68
(18,1352)	1:118:A:ASP:HA	1:121:A:VAL:HG12	6	0.68
(18,1352)	1:118:A:ASP:HA	1:121:A:VAL:HG13	6	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1010)	1:98:A:ILE:HB	1:105:A:LYS:HB2	5	0.68
(18,1010)	1:98:A:ILE:HB	1:105:A:LYS:HB3	5	0.68
(18,667)	1:96:A:VAL:HA	1:116:A:GLN:HE22	8	0.68
(18,516)	1:101:A:ILE:HD11	1:105:A:LYS:H	5	0.68
(18,516)	1:101:A:ILE:HD12	1:105:A:LYS:H	5	0.68
(18,516)	1:101:A:ILE:HD13	1:105:A:LYS:H	5	0.68
(18,516)	1:101:A:ILE:HD11	1:105:A:LYS:H	8	0.68
(18,516)	1:101:A:ILE:HD12	1:105:A:LYS:H	8	0.68
(18,516)	1:101:A:ILE:HD13	1:105:A:LYS:H	8	0.68
(18,485)	1:48:A:ARG:HA	1:53:A:THR:H	18	0.68
(18,211)	1:101:A:ILE:H	1:104:A:PHE:HB2	16	0.68
(18,194)	1:44:A:GLU:H	1:44:A:GLU:HG3	4	0.68
(18,107)	1:69:A:MET:H	1:69:A:MET:HE1	16	0.68
(18,107)	1:69:A:MET:H	1:69:A:MET:HE2	16	0.68
(18,107)	1:69:A:MET:H	1:69:A:MET:HE3	16	0.68
(17,2299)	1:98:A:ILE:H	1:104:A:PHE:HB2	3	0.68
(17,2299)	1:98:A:ILE:H	1:104:A:PHE:HB3	3	0.68
(17,1945)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	19	0.68
(17,1945)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	19	0.68
(17,1923)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	5	0.68
(17,1923)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	5	0.68
(17,1923)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	5	0.68
(17,1923)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	5	0.68
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE1	13	0.68
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE2	13	0.68
(17,1841)	1:9:A:PHE:HZ	1:57:A:LEU:HA	17	0.68
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	7	0.68
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	7	0.68
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	7	0.68
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	7	0.68
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	7	0.68
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	7	0.68
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	7	0.68
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	7	0.68
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	7	0.68
(17,1634)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	5	0.68
(17,1634)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	5	0.68
(17,1634)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	5	0.68
(17,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	12	0.68
(17,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	12	0.68
(17,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	12	0.68
(17,1050)	1:11:A:ILE:HA	1:14:A:VAL:HB	3	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1004)	1:98:A:ILE:HB	1:105:A:LYS:HB2	5	0.68
(17,1004)	1:98:A:ILE:HB	1:105:A:LYS:HB3	5	0.68
(17,998)	1:63:A:ILE:HA	1:64:A:LYS:HD2	17	0.68
(17,998)	1:63:A:ILE:HA	1:64:A:LYS:HD3	17	0.68
(17,869)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	4	0.68
(17,869)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	4	0.68
(17,869)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	4	0.68
(17,694)	1:56:A:CYS:H	1:122:A:ASP:HB2	7	0.68
(17,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	1	0.68
(17,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	10	0.68
(17,578)	1:128:A:LEU:HD21	1:130:A:GLY:H	7	0.68
(17,578)	1:128:A:LEU:HD22	1:130:A:GLY:H	7	0.68
(17,578)	1:128:A:LEU:HD23	1:130:A:GLY:H	7	0.68
(17,189)	1:44:A:GLU:H	1:44:A:GLU:HG3	11	0.68
(17,189)	1:44:A:GLU:H	1:44:A:GLU:HG2	11	0.68
(17,160)	1:127:A:CYS:H	1:128:A:LEU:HG	3	0.68
(16,2205)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	12	0.68
(16,2205)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	12	0.68
(16,2205)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	12	0.68
(16,2205)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	12	0.68
(16,2205)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	12	0.68
(16,2205)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	12	0.68
(16,2205)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	12	0.68
(16,2205)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	12	0.68
(16,2205)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	12	0.68
(16,2205)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	12	0.68
(16,2205)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	12	0.68
(16,2205)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	12	0.68
(16,2205)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	12	0.68
(16,2205)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	12	0.68
(16,2205)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	12	0.68
(16,2205)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	12	0.68
(16,2205)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	12	0.68
(16,2205)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	12	0.68
(16,2205)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	12	0.68
(16,2205)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	12	0.68
(16,2205)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	12	0.68
(16,2205)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	12	0.68
(16,2205)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	12	0.68
(16,2205)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	12	0.68
(16,2205)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	12	0.68
(16,2205)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	12	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2205)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	12	0.68
(16,2205)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	12	0.68
(16,2205)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	12	0.68
(16,2205)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	12	0.68
(16,2205)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	12	0.68
(16,2205)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	12	0.68
(16,2205)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	12	0.68
(16,2205)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	12	0.68
(16,2205)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	12	0.68
(16,2205)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	12	0.68
(16,2083)	1:35:A:LEU:HD11	1:38:A:GLU:H	14	0.68
(16,2083)	1:35:A:LEU:HD12	1:38:A:GLU:H	14	0.68
(16,2083)	1:35:A:LEU:HD13	1:38:A:GLU:H	14	0.68
(16,2083)	1:35:A:LEU:HD21	1:38:A:GLU:H	14	0.68
(16,2083)	1:35:A:LEU:HD22	1:38:A:GLU:H	14	0.68
(16,2083)	1:35:A:LEU:HD23	1:38:A:GLU:H	14	0.68
(16,2069)	1:32:A:GLY:HA2	1:34:A:LYS:H	2	0.68
(16,2069)	1:32:A:GLY:HA3	1:34:A:LYS:H	2	0.68
(16,2012)	1:18:A:PHE:HB2	1:132:A:ALA:H	13	0.68
(16,2012)	1:18:A:PHE:HB3	1:132:A:ALA:H	13	0.68
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	9	0.68
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	9	0.68
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	9	0.68
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	9	0.68
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	9	0.68
(16,1974)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	9	0.68
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	9	0.68
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	9	0.68
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	9	0.68
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	9	0.68
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	9	0.68
(16,1974)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	9	0.68
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	9	0.68
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	9	0.68
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	9	0.68
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	9	0.68
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	9	0.68
(16,1974)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	9	0.68
(16,1961)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	18	0.68
(16,1961)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	18	0.68
(16,1961)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	18	0.68
(16,1961)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	18	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1961)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	18	0.68
(16,1961)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	18	0.68
(16,1961)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	18	0.68
(16,1961)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	18	0.68
(16,1961)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	18	0.68
(16,1961)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	18	0.68
(16,1961)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	18	0.68
(16,1961)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	18	0.68
(16,1911)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	19	0.68
(16,1911)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	19	0.68
(16,1858)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	1	0.68
(16,1858)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	1	0.68
(16,1858)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	1	0.68
(16,1858)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	1	0.68
(16,1858)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	1	0.68
(16,1858)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	1	0.68
(16,1635)	1:134:A:VAL:HG21	1:136:A:CYS:HA	9	0.68
(16,1635)	1:134:A:VAL:HG22	1:136:A:CYS:HA	9	0.68
(16,1635)	1:134:A:VAL:HG23	1:136:A:CYS:HA	9	0.68
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	6	0.68
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	6	0.68
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	6	0.68
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	6	0.68
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	6	0.68
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	6	0.68
(16,1557)	1:11:A:ILE:HD11	1:18:A:PHE:HD1	14	0.68
(16,1557)	1:11:A:ILE:HD11	1:18:A:PHE:HD2	14	0.68
(16,1557)	1:11:A:ILE:HD12	1:18:A:PHE:HD1	14	0.68
(16,1557)	1:11:A:ILE:HD12	1:18:A:PHE:HD2	14	0.68
(16,1557)	1:11:A:ILE:HD13	1:18:A:PHE:HD1	14	0.68
(16,1557)	1:11:A:ILE:HD13	1:18:A:PHE:HD2	14	0.68
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE1	16	0.68
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE2	16	0.68
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE3	16	0.68
(16,1136)	1:40:A:LEU:HA	1:43:A:MET:HG3	5	0.68
(16,1033)	1:34:A:LYS:H	1:81:A:GLU:HB2	19	0.68
(16,1018)	1:95:A:ILE:HG21	1:105:A:LYS:HB2	11	0.68
(16,1018)	1:95:A:ILE:HG21	1:105:A:LYS:HB3	11	0.68
(16,1018)	1:95:A:ILE:HG22	1:105:A:LYS:HB2	11	0.68
(16,1018)	1:95:A:ILE:HG22	1:105:A:LYS:HB3	11	0.68
(16,1018)	1:95:A:ILE:HG23	1:105:A:LYS:HB2	11	0.68
(16,1018)	1:95:A:ILE:HG23	1:105:A:LYS:HB3	11	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,993)	1:46:A:ASN:HB3	1:134:A:VAL:HB	1	0.68
(16,968)	1:39:A:VAL:HA	1:43:A:MET:HG2	5	0.68
(16,792)	1:11:A:ILE:HD11	1:52:A:CYS:HB2	8	0.68
(16,792)	1:11:A:ILE:HD11	1:52:A:CYS:HB3	8	0.68
(16,792)	1:11:A:ILE:HD12	1:52:A:CYS:HB2	8	0.68
(16,792)	1:11:A:ILE:HD12	1:52:A:CYS:HB3	8	0.68
(16,792)	1:11:A:ILE:HD13	1:52:A:CYS:HB2	8	0.68
(16,792)	1:11:A:ILE:HD13	1:52:A:CYS:HB3	8	0.68
(16,702)	1:56:A:CYS:H	1:122:A:ASP:HB2	7	0.68
(16,688)	1:133:A:ASN:H	1:134:A:VAL:HG21	1	0.68
(16,688)	1:133:A:ASN:H	1:134:A:VAL:HG22	1	0.68
(16,688)	1:133:A:ASN:H	1:134:A:VAL:HG23	1	0.68
(16,380)	1:40:A:LEU:HB2	1:41:A:LYS:H	2	0.68
(16,303)	1:43:A:MET:H	1:43:A:MET:HG2	13	0.68
(16,90)	1:96:A:VAL:H	1:97:A:ASP:H	15	0.68
(16,59)	1:34:A:LYS:H	1:81:A:GLU:H	9	0.68
(16,35)	1:95:A:ILE:HB	1:96:A:VAL:H	9	0.68
(15,2406)	1:128:A:LEU:HD21	1:131:A:LEU:HD11	7	0.68
(15,2406)	1:128:A:LEU:HD21	1:131:A:LEU:HD12	7	0.68
(15,2406)	1:128:A:LEU:HD21	1:131:A:LEU:HD13	7	0.68
(15,2406)	1:128:A:LEU:HD21	1:131:A:LEU:HD21	7	0.68
(15,2406)	1:128:A:LEU:HD21	1:131:A:LEU:HD22	7	0.68
(15,2406)	1:128:A:LEU:HD21	1:131:A:LEU:HD23	7	0.68
(15,2406)	1:128:A:LEU:HD22	1:131:A:LEU:HD11	7	0.68
(15,2406)	1:128:A:LEU:HD22	1:131:A:LEU:HD12	7	0.68
(15,2406)	1:128:A:LEU:HD22	1:131:A:LEU:HD13	7	0.68
(15,2406)	1:128:A:LEU:HD22	1:131:A:LEU:HD21	7	0.68
(15,2406)	1:128:A:LEU:HD22	1:131:A:LEU:HD22	7	0.68
(15,2406)	1:128:A:LEU:HD22	1:131:A:LEU:HD23	7	0.68
(15,2406)	1:128:A:LEU:HD23	1:131:A:LEU:HD11	7	0.68
(15,2406)	1:128:A:LEU:HD23	1:131:A:LEU:HD12	7	0.68
(15,2406)	1:128:A:LEU:HD23	1:131:A:LEU:HD13	7	0.68
(15,2406)	1:128:A:LEU:HD23	1:131:A:LEU:HD21	7	0.68
(15,2406)	1:128:A:LEU:HD23	1:131:A:LEU:HD22	7	0.68
(15,2406)	1:128:A:LEU:HD23	1:131:A:LEU:HD23	7	0.68
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG11	9	0.68
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG12	9	0.68
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG13	9	0.68
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG21	9	0.68
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG22	9	0.68
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG23	9	0.68
(15,2052)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	5	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2052)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	5	0.68
(15,2052)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	5	0.68
(15,2052)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	5	0.68
(15,2052)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	5	0.68
(15,2052)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	5	0.68
(15,2052)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	5	0.68
(15,2052)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	5	0.68
(15,2052)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	5	0.68
(15,2052)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	5	0.68
(15,2052)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	5	0.68
(15,2052)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	5	0.68
(15,1977)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	18	0.68
(15,1977)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	18	0.68
(15,1977)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	18	0.68
(15,1977)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	18	0.68
(15,1977)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	18	0.68
(15,1977)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	18	0.68
(15,1888)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	5	0.68
(15,1888)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	5	0.68
(15,1888)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	5	0.68
(15,1888)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	5	0.68
(15,1888)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	5	0.68
(15,1888)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	5	0.68
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	17	0.68
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	17	0.68
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	17	0.68
(15,1799)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	10	0.68
(15,1799)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	10	0.68
(15,1594)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	12	0.68
(15,1594)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	12	0.68
(15,1594)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	12	0.68
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	6	0.68
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	6	0.68
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	6	0.68
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	6	0.68
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	6	0.68
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	6	0.68
(15,1048)	1:11:A:ILE:HA	1:14:A:VAL:HB	3	0.68
(15,977)	1:46:A:ASN:HB3	1:134:A:VAL:HB	1	0.68
(15,164)	1:127:A:CYS:H	1:128:A:LEU:HG	3	0.68
(15,12)	1:64:A:LYS:H	1:116:A:GLN:HG3	15	0.68
(13,2172)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	12	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2172)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	12	0.68
(13,2172)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	12	0.68
(13,2172)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	12	0.68
(13,2172)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	12	0.68
(13,2172)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	12	0.68
(13,2172)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	12	0.68
(13,2172)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	12	0.68
(13,2172)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	12	0.68
(13,2172)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	12	0.68
(13,2172)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	12	0.68
(13,2172)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	12	0.68
(13,2172)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	12	0.68
(13,2172)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	12	0.68
(13,2172)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	12	0.68
(13,2172)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	12	0.68
(13,2172)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	12	0.68
(13,2172)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	12	0.68
(13,2172)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	12	0.68
(13,2172)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	12	0.68
(13,2172)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	12	0.68
(13,2172)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	12	0.68
(13,2172)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	12	0.68
(13,2172)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	12	0.68
(13,2172)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	12	0.68
(13,2172)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	12	0.68
(13,2172)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	12	0.68
(13,2172)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	12	0.68
(13,2172)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	12	0.68
(13,2172)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	12	0.68
(13,2172)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	12	0.68
(13,2172)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	12	0.68
(13,2172)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	12	0.68
(13,2172)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	12	0.68
(13,2172)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	12	0.68
(13,2172)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	12	0.68
(13,2097)	1:43:A:MET:HE1	1:46:A:ASN:HD21	5	0.68
(13,2097)	1:43:A:MET:HE1	1:46:A:ASN:HD22	5	0.68
(13,2097)	1:43:A:MET:HE2	1:46:A:ASN:HD21	5	0.68
(13,2097)	1:43:A:MET:HE2	1:46:A:ASN:HD22	5	0.68
(13,2097)	1:43:A:MET:HE3	1:46:A:ASN:HD21	5	0.68
(13,2097)	1:43:A:MET:HE3	1:46:A:ASN:HD22	5	0.68
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD11	6	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD12	6	0.68
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD13	6	0.68
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD21	6	0.68
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD22	6	0.68
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD23	6	0.68
(13,2003)	1:23:A:LEU:HD11	1:27:A:ARG:HB2	3	0.68
(13,2003)	1:23:A:LEU:HD12	1:27:A:ARG:HB2	3	0.68
(13,2003)	1:23:A:LEU:HD13	1:27:A:ARG:HB2	3	0.68
(13,2003)	1:23:A:LEU:HD21	1:27:A:ARG:HB2	3	0.68
(13,2003)	1:23:A:LEU:HD22	1:27:A:ARG:HB2	3	0.68
(13,2003)	1:23:A:LEU:HD23	1:27:A:ARG:HB2	3	0.68
(13,1933)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	11	0.68
(13,1933)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	11	0.68
(13,1933)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	11	0.68
(13,1933)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	11	0.68
(13,1933)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	11	0.68
(13,1933)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	11	0.68
(13,1783)	1:9:A:PHE:HZ	1:54:A:ARG:HA	15	0.68
(13,1571)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	12	0.68
(13,1571)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	12	0.68
(13,1571)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	12	0.68
(13,1555)	1:98:A:ILE:HG21	1:116:A:GLN:H	16	0.68
(13,1555)	1:98:A:ILE:HG22	1:116:A:GLN:H	16	0.68
(13,1555)	1:98:A:ILE:HG23	1:116:A:GLN:H	16	0.68
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG11	2	0.68
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG12	2	0.68
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG13	2	0.68
(13,1201)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	1	0.68
(13,1201)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	1	0.68
(13,1201)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	1	0.68
(13,1200)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	19	0.68
(13,1200)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	19	0.68
(13,1200)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	19	0.68
(13,1028)	1:11:A:ILE:HA	1:14:A:VAL:HB	3	0.68
(13,928)	1:11:A:ILE:HD11	1:12:A:VAL:HA	2	0.68
(13,928)	1:11:A:ILE:HD12	1:12:A:VAL:HA	2	0.68
(13,928)	1:11:A:ILE:HD13	1:12:A:VAL:HA	2	0.68
(13,879)	1:124:A:THR:H	1:127:A:CYS:HB2	2	0.68
(13,811)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	5	0.68
(13,811)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	5	0.68
(13,811)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	5	0.68
(13,811)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	5	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,811)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	5	0.68
(13,811)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	5	0.68
(13,575)	1:128:A:LEU:HD21	1:130:A:GLY:H	7	0.68
(13,575)	1:128:A:LEU:HD22	1:130:A:GLY:H	7	0.68
(13,575)	1:128:A:LEU:HD23	1:130:A:GLY:H	7	0.68
(11,2087)	1:35:A:LEU:HD11	1:38:A:GLU:H	14	0.68
(11,2087)	1:35:A:LEU:HD12	1:38:A:GLU:H	14	0.68
(11,2087)	1:35:A:LEU:HD13	1:38:A:GLU:H	14	0.68
(11,2087)	1:35:A:LEU:HD21	1:38:A:GLU:H	14	0.68
(11,2087)	1:35:A:LEU:HD22	1:38:A:GLU:H	14	0.68
(11,2087)	1:35:A:LEU:HD23	1:38:A:GLU:H	14	0.68
(11,2073)	1:32:A:GLY:HA2	1:34:A:LYS:H	2	0.68
(11,2073)	1:32:A:GLY:HA3	1:34:A:LYS:H	2	0.68
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	5	0.68
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	5	0.68
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	5	0.68
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	5	0.68
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	5	0.68
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	5	0.68
(11,2039)	1:18:A:PHE:HB2	1:132:A:ALA:H	13	0.68
(11,2039)	1:18:A:PHE:HB3	1:132:A:ALA:H	13	0.68
(11,1994)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	11	0.68
(11,1994)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	11	0.68
(11,1994)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	11	0.68
(11,1994)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	11	0.68
(11,1994)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	11	0.68
(11,1994)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	11	0.68
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	3	0.68
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	3	0.68
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	3	0.68
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	3	0.68
(11,1800)	1:97:A:ASP:HA	1:105:A:LYS:HG3	11	0.68
(11,1642)	1:128:A:LEU:HD21	1:130:A:GLY:H	7	0.68
(11,1642)	1:128:A:LEU:HD22	1:130:A:GLY:H	7	0.68
(11,1642)	1:128:A:LEU:HD23	1:130:A:GLY:H	7	0.68
(11,1243)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	1	0.68
(11,1243)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	1	0.68
(11,1243)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	1	0.68
(11,1118)	1:146:A:GLN:HA	1:147:A:ARG:HG2	14	0.68
(11,1118)	1:146:A:GLN:HA	1:147:A:ARG:HG3	14	0.68
(11,873)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	17	0.68
(11,873)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	17	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,873)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	17	0.68
(11,860)	1:18:A:PHE:HZ	1:60:A:LEU:HB2	1	0.68
(11,540)	1:60:A:LEU:HD21	1:61:A:SER:H	5	0.68
(11,540)	1:60:A:LEU:HD22	1:61:A:SER:H	5	0.68
(11,540)	1:60:A:LEU:HD23	1:61:A:SER:H	5	0.68
(9,2364)	1:131:A:LEU:HD11	1:134:A:VAL:HB	18	0.68
(9,2364)	1:131:A:LEU:HD12	1:134:A:VAL:HB	18	0.68
(9,2364)	1:131:A:LEU:HD13	1:134:A:VAL:HB	18	0.68
(9,2364)	1:131:A:LEU:HD21	1:134:A:VAL:HB	18	0.68
(9,2364)	1:131:A:LEU:HD22	1:134:A:VAL:HB	18	0.68
(9,2364)	1:131:A:LEU:HD23	1:134:A:VAL:HB	18	0.68
(9,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD11	17	0.68
(9,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD12	17	0.68
(9,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD13	17	0.68
(9,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD21	17	0.68
(9,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD22	17	0.68
(9,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD23	17	0.68
(9,1961)	1:12:A:VAL:HG11	1:43:A:MET:HB2	6	0.68
(9,1961)	1:12:A:VAL:HG12	1:43:A:MET:HB2	6	0.68
(9,1961)	1:12:A:VAL:HG13	1:43:A:MET:HB2	6	0.68
(9,1961)	1:12:A:VAL:HG21	1:43:A:MET:HB2	6	0.68
(9,1961)	1:12:A:VAL:HG22	1:43:A:MET:HB2	6	0.68
(9,1961)	1:12:A:VAL:HG23	1:43:A:MET:HB2	6	0.68
(9,1961)	1:12:A:VAL:HG11	1:43:A:MET:HB3	6	0.68
(9,1961)	1:12:A:VAL:HG12	1:43:A:MET:HB3	6	0.68
(9,1961)	1:12:A:VAL:HG13	1:43:A:MET:HB3	6	0.68
(9,1961)	1:12:A:VAL:HG21	1:43:A:MET:HB3	6	0.68
(9,1961)	1:12:A:VAL:HG22	1:43:A:MET:HB3	6	0.68
(9,1961)	1:12:A:VAL:HG23	1:43:A:MET:HB3	6	0.68
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE1	13	0.68
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE2	13	0.68
(9,1248)	1:21:A:THR:HG21	1:23:A:LEU:HA	10	0.68
(9,1248)	1:21:A:THR:HG22	1:23:A:LEU:HA	10	0.68
(9,1248)	1:21:A:THR:HG23	1:23:A:LEU:HA	10	0.68
(9,1238)	1:39:A:VAL:H	1:139:A:LEU:HD21	3	0.68
(9,1238)	1:39:A:VAL:H	1:139:A:LEU:HD22	3	0.68
(9,1238)	1:39:A:VAL:H	1:139:A:LEU:HD23	3	0.68
(9,1110)	1:41:A:LYS:HA	1:44:A:GLU:HG2	11	0.68
(9,1055)	1:43:A:MET:HB2	1:140:A:LEU:HG	17	0.68
(9,1013)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	5	0.68
(9,1013)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	5	0.68
(9,1013)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	5	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,780)	1:11:A:ILE:HD11	1:52:A:CYS:HB2	8	0.68
(9,780)	1:11:A:ILE:HD11	1:52:A:CYS:HB3	8	0.68
(9,780)	1:11:A:ILE:HD12	1:52:A:CYS:HB2	8	0.68
(9,780)	1:11:A:ILE:HD12	1:52:A:CYS:HB3	8	0.68
(9,780)	1:11:A:ILE:HD13	1:52:A:CYS:HB2	8	0.68
(9,780)	1:11:A:ILE:HD13	1:52:A:CYS:HB3	8	0.68
(9,634)	1:59:A:CYS:H	1:60:A:LEU:HB3	16	0.68
(9,634)	1:59:A:CYS:H	1:60:A:LEU:HB3	18	0.68
(9,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	1	0.68
(9,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	10	0.68
(9,545)	1:60:A:LEU:HD21	1:61:A:SER:H	5	0.68
(9,545)	1:60:A:LEU:HD22	1:61:A:SER:H	5	0.68
(9,545)	1:60:A:LEU:HD23	1:61:A:SER:H	5	0.68
(7,2423)	1:134:A:VAL:HG11	1:137:A:SER:H	10	0.68
(7,2423)	1:134:A:VAL:HG12	1:137:A:SER:H	10	0.68
(7,2423)	1:134:A:VAL:HG13	1:137:A:SER:H	10	0.68
(7,2423)	1:134:A:VAL:HG21	1:137:A:SER:H	10	0.68
(7,2423)	1:134:A:VAL:HG22	1:137:A:SER:H	10	0.68
(7,2423)	1:134:A:VAL:HG23	1:137:A:SER:H	10	0.68
(7,2423)	1:134:A:VAL:HG11	1:137:A:SER:H	17	0.68
(7,2423)	1:134:A:VAL:HG12	1:137:A:SER:H	17	0.68
(7,2423)	1:134:A:VAL:HG13	1:137:A:SER:H	17	0.68
(7,2423)	1:134:A:VAL:HG21	1:137:A:SER:H	17	0.68
(7,2423)	1:134:A:VAL:HG22	1:137:A:SER:H	17	0.68
(7,2423)	1:134:A:VAL:HG23	1:137:A:SER:H	17	0.68
(7,2042)	1:35:A:LEU:HD11	1:38:A:GLU:H	14	0.68
(7,2042)	1:35:A:LEU:HD12	1:38:A:GLU:H	14	0.68
(7,2042)	1:35:A:LEU:HD13	1:38:A:GLU:H	14	0.68
(7,2042)	1:35:A:LEU:HD21	1:38:A:GLU:H	14	0.68
(7,2042)	1:35:A:LEU:HD22	1:38:A:GLU:H	14	0.68
(7,2042)	1:35:A:LEU:HD23	1:38:A:GLU:H	14	0.68
(7,2010)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	5	0.68
(7,2010)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	5	0.68
(7,2010)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	5	0.68
(7,2010)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	5	0.68
(7,2010)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	5	0.68
(7,2010)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	5	0.68
(7,2010)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	5	0.68
(7,2010)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	5	0.68
(7,2010)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	5	0.68
(7,2010)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	5	0.68
(7,2010)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	5	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2010)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	5	0.68
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG11	6	0.68
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG12	6	0.68
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG13	6	0.68
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG21	6	0.68
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG22	6	0.68
(7,1985)	1:20:A:THR:H	1:134:A:VAL:HG23	6	0.68
(7,1792)	1:9:A:PHE:HZ	1:57:A:LEU:HA	17	0.68
(7,1685)	1:79:A:THR:HG21	1:81:A:GLU:HB3	7	0.68
(7,1685)	1:79:A:THR:HG22	1:81:A:GLU:HB3	7	0.68
(7,1685)	1:79:A:THR:HG23	1:81:A:GLU:HB3	7	0.68
(7,1666)	1:43:A:MET:HE1	1:131:A:LEU:HA	6	0.68
(7,1666)	1:43:A:MET:HE2	1:131:A:LEU:HA	6	0.68
(7,1666)	1:43:A:MET:HE3	1:131:A:LEU:HA	6	0.68
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG21	18	0.68
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG22	18	0.68
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG23	18	0.68
(7,1558)	1:98:A:ILE:HG21	1:116:A:GLN:H	16	0.68
(7,1558)	1:98:A:ILE:HG22	1:116:A:GLN:H	16	0.68
(7,1558)	1:98:A:ILE:HG23	1:116:A:GLN:H	16	0.68
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG11	18	0.68
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG12	18	0.68
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG13	18	0.68
(7,1036)	1:43:A:MET:HB2	1:140:A:LEU:HG	17	0.68
(7,983)	1:98:A:ILE:HB	1:105:A:LYS:HB2	5	0.68
(7,983)	1:98:A:ILE:HB	1:105:A:LYS:HB3	5	0.68
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB2	2	0.68
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB3	2	0.68
(7,776)	1:63:A:ILE:HD11	1:64:A:LYS:H	14	0.68
(7,776)	1:63:A:ILE:HD12	1:64:A:LYS:H	14	0.68
(7,776)	1:63:A:ILE:HD13	1:64:A:LYS:H	14	0.68
(7,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	1	0.68
(7,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	10	0.68
(7,588)	1:70:A:LYS:HB2	1:75:A:GLY:H	5	0.68
(7,588)	1:70:A:LYS:HB3	1:75:A:GLY:H	5	0.68
(7,490)	1:98:A:ILE:H	1:105:A:LYS:H	5	0.68
(7,373)	1:40:A:LEU:HB2	1:41:A:LYS:H	10	0.68
(6,2431)	1:134:A:VAL:HG11	1:137:A:SER:H	4	0.68
(6,2431)	1:134:A:VAL:HG12	1:137:A:SER:H	4	0.68
(6,2431)	1:134:A:VAL:HG13	1:137:A:SER:H	4	0.68
(6,2431)	1:134:A:VAL:HG21	1:137:A:SER:H	4	0.68
(6,2431)	1:134:A:VAL:HG22	1:137:A:SER:H	4	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2431)	1:134:A:VAL:HG23	1:137:A:SER:H	4	0.68
(6,2164)	1:47:A:ALA:H	1:134:A:VAL:HG11	11	0.68
(6,2164)	1:47:A:ALA:H	1:134:A:VAL:HG12	11	0.68
(6,2164)	1:47:A:ALA:H	1:134:A:VAL:HG13	11	0.68
(6,2164)	1:47:A:ALA:H	1:134:A:VAL:HG21	11	0.68
(6,2164)	1:47:A:ALA:H	1:134:A:VAL:HG22	11	0.68
(6,2164)	1:47:A:ALA:H	1:134:A:VAL:HG23	11	0.68
(6,2001)	1:14:A:VAL:HG11	1:18:A:PHE:HB2	2	0.68
(6,2001)	1:14:A:VAL:HG12	1:18:A:PHE:HB2	2	0.68
(6,2001)	1:14:A:VAL:HG13	1:18:A:PHE:HB2	2	0.68
(6,2001)	1:14:A:VAL:HG21	1:18:A:PHE:HB2	2	0.68
(6,2001)	1:14:A:VAL:HG22	1:18:A:PHE:HB2	2	0.68
(6,2001)	1:14:A:VAL:HG23	1:18:A:PHE:HB2	2	0.68
(6,1911)	1:18:A:PHE:HA	1:113:A:PHE:HE1	14	0.68
(6,1911)	1:18:A:PHE:HA	1:113:A:PHE:HE2	14	0.68
(6,1891)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	16	0.68
(6,1891)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	16	0.68
(6,1891)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	16	0.68
(6,1891)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	16	0.68
(6,1830)	1:9:A:PHE:HZ	1:57:A:LEU:HA	17	0.68
(6,1699)	1:43:A:MET:HE1	1:131:A:LEU:HA	6	0.68
(6,1699)	1:43:A:MET:HE2	1:131:A:LEU:HA	6	0.68
(6,1699)	1:43:A:MET:HE3	1:131:A:LEU:HA	6	0.68
(6,1578)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	6	0.68
(6,1578)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	6	0.68
(6,1578)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	6	0.68
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	6	0.68
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	6	0.68
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	6	0.68
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	6	0.68
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	6	0.68
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	6	0.68
(6,1218)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	1	0.68
(6,1218)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	1	0.68
(6,1218)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	1	0.68
(6,1163)	1:39:A:VAL:HA	1:140:A:LEU:HD21	10	0.68
(6,1163)	1:39:A:VAL:HA	1:140:A:LEU:HD22	10	0.68
(6,1163)	1:39:A:VAL:HA	1:140:A:LEU:HD23	10	0.68
(6,1014)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	6	0.68
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	7	0.68
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	7	0.68
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	7	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,630)	1:59:A:CYS:H	1:60:A:LEU:HB3	16	0.68
(6,630)	1:59:A:CYS:H	1:60:A:LEU:HB3	18	0.68
(6,536)	1:60:A:LEU:HD21	1:61:A:SER:H	5	0.68
(6,536)	1:60:A:LEU:HD22	1:61:A:SER:H	5	0.68
(6,536)	1:60:A:LEU:HD23	1:61:A:SER:H	5	0.68
(5,2127)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	12	0.68
(5,2127)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	12	0.68
(5,2127)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	12	0.68
(5,2127)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	12	0.68
(5,2127)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	12	0.68
(5,2127)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	12	0.68
(5,2059)	1:35:A:LEU:HD11	1:38:A:GLU:H	14	0.68
(5,2059)	1:35:A:LEU:HD12	1:38:A:GLU:H	14	0.68
(5,2059)	1:35:A:LEU:HD13	1:38:A:GLU:H	14	0.68
(5,2059)	1:35:A:LEU:HD21	1:38:A:GLU:H	14	0.68
(5,2059)	1:35:A:LEU:HD22	1:38:A:GLU:H	14	0.68
(5,2059)	1:35:A:LEU:HD23	1:38:A:GLU:H	14	0.68
(5,2013)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	0.68
(5,2013)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	0.68
(5,2013)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	0.68
(5,2013)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	0.68
(5,2013)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	0.68
(5,2013)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	0.68
(5,2013)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	0.68
(5,2013)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	0.68
(5,2013)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	0.68
(5,2013)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	0.68
(5,2013)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	0.68
(5,2013)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	0.68
(5,2010)	1:18:A:PHE:HB2	1:132:A:ALA:HA	7	0.68
(5,2010)	1:18:A:PHE:HB3	1:132:A:ALA:HA	7	0.68
(5,1993)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	18	0.68
(5,1993)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	18	0.68
(5,1993)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	18	0.68
(5,1993)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	18	0.68
(5,1993)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	18	0.68
(5,1993)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	18	0.68
(5,1962)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	16	0.68
(5,1962)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	16	0.68
(5,1962)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	16	0.68
(5,1962)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	16	0.68
(5,1962)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	16	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1962)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	16	0.68
(5,1884)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	14	0.68
(5,1790)	1:97:A:ASP:HA	1:105:A:LYS:HG3	11	0.68
(5,1661)	1:134:A:VAL:HG21	1:136:A:CYS:HA	9	0.68
(5,1661)	1:134:A:VAL:HG22	1:136:A:CYS:HA	9	0.68
(5,1661)	1:134:A:VAL:HG23	1:136:A:CYS:HA	9	0.68
(5,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	12	0.68
(5,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	12	0.68
(5,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	12	0.68
(5,1609)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	6	0.68
(5,1609)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	6	0.68
(5,1609)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	6	0.68
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	6	0.68
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	6	0.68
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	6	0.68
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	6	0.68
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	6	0.68
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	6	0.68
(5,1303)	1:14:A:VAL:HG21	1:61:A:SER:HB2	14	0.68
(5,1303)	1:14:A:VAL:HG22	1:61:A:SER:HB2	14	0.68
(5,1303)	1:14:A:VAL:HG23	1:61:A:SER:HB2	14	0.68
(5,1075)	1:54:A:ARG:HA	1:58:A:ILE:HB	7	0.68
(5,1025)	1:113:A:PHE:HA	1:116:A:GLN:HG3	7	0.68
(5,1001)	1:98:A:ILE:HB	1:105:A:LYS:HB2	5	0.68
(5,1001)	1:98:A:ILE:HB	1:105:A:LYS:HB3	5	0.68
(5,680)	1:133:A:ASN:H	1:134:A:VAL:HG21	1	0.68
(5,680)	1:133:A:ASN:H	1:134:A:VAL:HG22	1	0.68
(5,680)	1:133:A:ASN:H	1:134:A:VAL:HG23	1	0.68
(4,2428)	1:134:A:VAL:HG11	1:137:A:SER:H	10	0.68
(4,2428)	1:134:A:VAL:HG12	1:137:A:SER:H	10	0.68
(4,2428)	1:134:A:VAL:HG13	1:137:A:SER:H	10	0.68
(4,2428)	1:134:A:VAL:HG21	1:137:A:SER:H	10	0.68
(4,2428)	1:134:A:VAL:HG22	1:137:A:SER:H	10	0.68
(4,2428)	1:134:A:VAL:HG23	1:137:A:SER:H	10	0.68
(4,2428)	1:134:A:VAL:HG11	1:137:A:SER:H	17	0.68
(4,2428)	1:134:A:VAL:HG12	1:137:A:SER:H	17	0.68
(4,2428)	1:134:A:VAL:HG13	1:137:A:SER:H	17	0.68
(4,2428)	1:134:A:VAL:HG21	1:137:A:SER:H	17	0.68
(4,2428)	1:134:A:VAL:HG22	1:137:A:SER:H	17	0.68
(4,2428)	1:134:A:VAL:HG23	1:137:A:SER:H	17	0.68
(4,2222)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	7	0.68
(4,2222)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	7	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2222)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	7	0.68
(4,2222)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	7	0.68
(4,2079)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	18	0.68
(4,2079)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	18	0.68
(4,2079)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	18	0.68
(4,2079)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	18	0.68
(4,2079)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	18	0.68
(4,2079)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	18	0.68
(4,1963)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	19	0.68
(4,1963)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	19	0.68
(4,1963)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	19	0.68
(4,1963)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	19	0.68
(4,1963)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	19	0.68
(4,1963)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	19	0.68
(4,1963)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	19	0.68
(4,1963)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	19	0.68
(4,1963)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	19	0.68
(4,1963)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	19	0.68
(4,1963)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	19	0.68
(4,1963)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	19	0.68
(4,1960)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	11	0.68
(4,1960)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	11	0.68
(4,1960)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	11	0.68
(4,1960)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	11	0.68
(4,1960)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	11	0.68
(4,1960)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	11	0.68
(4,1849)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	1	0.68
(4,1849)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	1	0.68
(4,1849)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	1	0.68
(4,1849)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	1	0.68
(4,1849)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	1	0.68
(4,1849)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	1	0.68
(4,1677)	1:43:A:MET:HE1	1:131:A:LEU:HA	6	0.68
(4,1677)	1:43:A:MET:HE2	1:131:A:LEU:HA	6	0.68
(4,1677)	1:43:A:MET:HE3	1:131:A:LEU:HA	6	0.68
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD11	13	0.68
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD12	13	0.68
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD13	13	0.68
(4,1560)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	6	0.68
(4,1560)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	6	0.68
(4,1560)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	6	0.68
(4,1203)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	1	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1203)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	1	0.68
(4,1203)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	1	0.68
(4,1015)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	6	0.68
(4,1002)	1:34:A:LYS:H	1:81:A:GLU:HB2	19	0.68
(4,788)	1:63:A:ILE:HD11	1:117:A:VAL:HB	12	0.68
(4,788)	1:63:A:ILE:HD12	1:117:A:VAL:HB	12	0.68
(4,788)	1:63:A:ILE:HD13	1:117:A:VAL:HB	12	0.68
(4,573)	1:128:A:LEU:HD21	1:130:A:GLY:H	7	0.68
(4,573)	1:128:A:LEU:HD22	1:130:A:GLY:H	7	0.68
(4,573)	1:128:A:LEU:HD23	1:130:A:GLY:H	7	0.68
(4,571)	1:126:A:GLY:H	1:128:A:LEU:HG	5	0.68
(4,43)	1:98:A:ILE:H	1:104:A:PHE:HB2	2	0.68
(3,2500)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	14	0.68
(3,2500)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	14	0.68
(3,2500)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	14	0.68
(3,2500)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	14	0.68
(3,2500)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	14	0.68
(3,2500)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	14	0.68
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	15	0.68
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	15	0.68
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	15	0.68
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	15	0.68
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	15	0.68
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	15	0.68
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	15	0.68
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	15	0.68
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	15	0.68
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	15	0.68
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	15	0.68
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	15	0.68
(3,2232)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	18	0.68
(3,2232)	1:60:A:LEU:HD11	1:122:A:ASP:HB3	18	0.68
(3,2232)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	18	0.68
(3,2232)	1:60:A:LEU:HD12	1:122:A:ASP:HB3	18	0.68
(3,2232)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	18	0.68
(3,2232)	1:60:A:LEU:HD13	1:122:A:ASP:HB3	18	0.68
(3,2232)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	18	0.68
(3,2232)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	18	0.68
(3,2232)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	18	0.68
(3,2232)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	18	0.68
(3,2232)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	18	0.68
(3,2232)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	18	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2171)	1:43:A:MET:HE1	1:46:A:ASN:HD21	5	0.68
(3,2171)	1:43:A:MET:HE1	1:46:A:ASN:HD22	5	0.68
(3,2171)	1:43:A:MET:HE2	1:46:A:ASN:HD21	5	0.68
(3,2171)	1:43:A:MET:HE2	1:46:A:ASN:HD22	5	0.68
(3,2171)	1:43:A:MET:HE3	1:46:A:ASN:HD21	5	0.68
(3,2171)	1:43:A:MET:HE3	1:46:A:ASN:HD22	5	0.68
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD11	16	0.68
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD12	16	0.68
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD13	16	0.68
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD21	16	0.68
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD22	16	0.68
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD23	16	0.68
(3,1997)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	11	0.68
(3,1997)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	11	0.68
(3,1997)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	11	0.68
(3,1997)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	11	0.68
(3,1997)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	11	0.68
(3,1997)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	11	0.68
(3,1910)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	16	0.68
(3,1910)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	16	0.68
(3,1910)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	16	0.68
(3,1910)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	16	0.68
(3,1875)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	3	0.68
(3,1875)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	3	0.68
(3,1875)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	3	0.68
(3,1875)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	3	0.68
(3,1854)	1:9:A:PHE:HZ	1:57:A:LEU:HA	17	0.68
(3,1841)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	10	0.68
(3,1841)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	10	0.68
(3,1729)	1:43:A:MET:HE1	1:131:A:LEU:HA	6	0.68
(3,1729)	1:43:A:MET:HE2	1:131:A:LEU:HA	6	0.68
(3,1729)	1:43:A:MET:HE3	1:131:A:LEU:HA	6	0.68
(3,1194)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	5	0.68
(3,1194)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	5	0.68
(3,1194)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	5	0.68
(3,1194)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	5	0.68
(3,1194)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	5	0.68
(3,1194)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	5	0.68
(3,1030)	1:34:A:LYS:H	1:81:A:GLU:HB2	19	0.68
(3,1015)	1:98:A:ILE:HB	1:105:A:LYS:HB2	5	0.68
(3,1015)	1:98:A:ILE:HB	1:105:A:LYS:HB3	5	0.68
(3,990)	1:47:A:ALA:HB1	1:134:A:VAL:HB	15	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,990)	1:47:A:ALA:HB2	1:134:A:VAL:HB	15	0.68
(3,990)	1:47:A:ALA:HB3	1:134:A:VAL:HB	15	0.68
(3,887)	1:21:A:THR:HG21	1:24:A:ASP:HB2	16	0.68
(3,887)	1:21:A:THR:HG21	1:24:A:ASP:HB3	16	0.68
(3,887)	1:21:A:THR:HG22	1:24:A:ASP:HB2	16	0.68
(3,887)	1:21:A:THR:HG22	1:24:A:ASP:HB3	16	0.68
(3,887)	1:21:A:THR:HG23	1:24:A:ASP:HB2	16	0.68
(3,887)	1:21:A:THR:HG23	1:24:A:ASP:HB3	16	0.68
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	19	0.68
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	19	0.68
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	19	0.68
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	19	0.68
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	19	0.68
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	19	0.68
(3,778)	1:101:A:ILE:HD11	1:118:A:ASP:HB3	5	0.68
(3,778)	1:101:A:ILE:HD12	1:118:A:ASP:HB3	5	0.68
(3,778)	1:101:A:ILE:HD13	1:118:A:ASP:HB3	5	0.68
(3,63)	1:34:A:LYS:H	1:81:A:GLU:H	9	0.68
(2,2464)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	14	0.68
(2,2464)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	14	0.68
(2,2464)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	14	0.68
(2,2464)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	14	0.68
(2,2464)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	14	0.68
(2,2464)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	14	0.68
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD11	6	0.68
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD12	6	0.68
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD13	6	0.68
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD21	6	0.68
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD22	6	0.68
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD23	6	0.68
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD11	18	0.68
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD12	18	0.68
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD13	18	0.68
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD21	18	0.68
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD22	18	0.68
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD23	18	0.68
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	14	0.68
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	14	0.68
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	14	0.68
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	14	0.68
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	14	0.68
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	14	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1922)	1:18:A:PHE:HE1	1:57:A:LEU:HG	13	0.68
(2,1922)	1:18:A:PHE:HE2	1:57:A:LEU:HG	13	0.68
(2,1841)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	10	0.68
(2,1841)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	10	0.68
(2,1804)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	9	0.68
(2,1804)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	9	0.68
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	6	0.68
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	6	0.68
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	6	0.68
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	6	0.68
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	6	0.68
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	6	0.68
(2,1458)	1:30:A:LEU:HB2	1:145:A:PRO:HD2	14	0.68
(2,1458)	1:30:A:LEU:HB3	1:145:A:PRO:HD2	14	0.68
(2,1219)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	1	0.68
(2,1219)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	1	0.68
(2,1219)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	1	0.68
(2,1116)	1:40:A:LEU:HA	1:43:A:MET:HG3	5	0.68
(2,985)	1:63:A:ILE:HA	1:64:A:LYS:HD2	17	0.68
(2,985)	1:63:A:ILE:HA	1:64:A:LYS:HD3	17	0.68
(2,942)	1:39:A:VAL:HA	1:43:A:MET:HG2	5	0.68
(2,622)	1:40:A:LEU:H	1:43:A:MET:HG3	2	0.68
(2,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	1	0.68
(2,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	10	0.68
(2,538)	1:60:A:LEU:HD21	1:61:A:SER:H	5	0.68
(2,538)	1:60:A:LEU:HD22	1:61:A:SER:H	5	0.68
(2,538)	1:60:A:LEU:HD23	1:61:A:SER:H	5	0.68
(2,479)	1:145:A:PRO:HB2	1:148:A:CYS:H	5	0.68
(2,155)	1:127:A:CYS:H	1:128:A:LEU:HG	3	0.68
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	15	0.68
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	15	0.68
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	15	0.68
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	15	0.68
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	15	0.68
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	15	0.68
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	15	0.68
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	15	0.68
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	15	0.68
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	15	0.68
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	15	0.68
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	15	0.68
(1,2211)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	3	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2211)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	3	0.68
(1,2211)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	3	0.68
(1,2211)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	3	0.68
(1,2028)	1:23:A:LEU:HD11	1:27:A:ARG:HA	8	0.68
(1,2028)	1:23:A:LEU:HD12	1:27:A:ARG:HA	8	0.68
(1,2028)	1:23:A:LEU:HD13	1:27:A:ARG:HA	8	0.68
(1,2028)	1:23:A:LEU:HD21	1:27:A:ARG:HA	8	0.68
(1,2028)	1:23:A:LEU:HD22	1:27:A:ARG:HA	8	0.68
(1,2028)	1:23:A:LEU:HD23	1:27:A:ARG:HA	8	0.68
(1,2005)	1:18:A:PHE:HB2	1:132:A:ALA:HA	7	0.68
(1,2005)	1:18:A:PHE:HB3	1:132:A:ALA:HA	7	0.68
(1,1970)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	1	0.68
(1,1970)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	1	0.68
(1,1970)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	1	0.68
(1,1970)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	1	0.68
(1,1970)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	1	0.68
(1,1970)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	1	0.68
(1,1970)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	1	0.68
(1,1970)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	1	0.68
(1,1970)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	1	0.68
(1,1970)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	1	0.68
(1,1970)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	1	0.68
(1,1970)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	1	0.68
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	11	0.68
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	11	0.68
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	11	0.68
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	11	0.68
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	11	0.68
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	11	0.68
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	17	0.68
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	17	0.68
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	17	0.68
(1,1863)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	19	0.68
(1,1863)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	19	0.68
(1,1863)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	19	0.68
(1,1863)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	19	0.68
(1,1863)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	19	0.68
(1,1863)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	19	0.68
(1,1794)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	9	0.68
(1,1794)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	9	0.68
(1,1616)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	12	0.68
(1,1616)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	12	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1616)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	12	0.68
(1,1514)	1:43:A:MET:HA	1:43:A:MET:HE1	7	0.68
(1,1514)	1:43:A:MET:HA	1:43:A:MET:HE2	7	0.68
(1,1514)	1:43:A:MET:HA	1:43:A:MET:HE3	7	0.68
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE1	16	0.68
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE2	16	0.68
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE3	16	0.68
(1,1292)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	5	0.68
(1,1292)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	5	0.68
(1,1292)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	5	0.68
(1,1248)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	16	0.68
(1,1248)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	16	0.68
(1,1248)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	16	0.68
(1,1248)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	16	0.68
(1,1248)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	16	0.68
(1,1248)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	16	0.68
(1,1136)	1:40:A:LEU:HA	1:43:A:MET:HG3	5	0.68
(1,1114)	1:31:A:PRO:HG2	1:143:A:TRP:HA	17	0.68
(1,1114)	1:31:A:PRO:HG3	1:143:A:TRP:HA	17	0.68
(1,1019)	1:98:A:ILE:HB	1:105:A:LYS:HB2	5	0.68
(1,1019)	1:98:A:ILE:HB	1:105:A:LYS:HB3	5	0.68
(1,888)	1:21:A:THR:HG21	1:24:A:ASP:HB2	16	0.68
(1,888)	1:21:A:THR:HG21	1:24:A:ASP:HB3	16	0.68
(1,888)	1:21:A:THR:HG22	1:24:A:ASP:HB2	16	0.68
(1,888)	1:21:A:THR:HG22	1:24:A:ASP:HB3	16	0.68
(1,888)	1:21:A:THR:HG23	1:24:A:ASP:HB2	16	0.68
(1,888)	1:21:A:THR:HG23	1:24:A:ASP:HB3	16	0.68
(1,832)	1:98:A:ILE:HD11	1:101:A:ILE:HB	12	0.68
(1,832)	1:98:A:ILE:HD12	1:101:A:ILE:HB	12	0.68
(1,832)	1:98:A:ILE:HD13	1:101:A:ILE:HB	12	0.68
(1,809)	1:63:A:ILE:HD11	1:117:A:VAL:HB	12	0.68
(1,809)	1:63:A:ILE:HD12	1:117:A:VAL:HB	12	0.68
(1,809)	1:63:A:ILE:HD13	1:117:A:VAL:HB	12	0.68
(1,662)	1:96:A:VAL:HA	1:116:A:GLN:HE22	8	0.68
(34,2463)	1:139:A:LEU:HB2	1:140:A:LEU:HD11	4	0.67
(34,2463)	1:139:A:LEU:HB2	1:140:A:LEU:HD12	4	0.67
(34,2463)	1:139:A:LEU:HB2	1:140:A:LEU:HD13	4	0.67
(34,2463)	1:139:A:LEU:HB2	1:140:A:LEU:HD21	4	0.67
(34,2463)	1:139:A:LEU:HB2	1:140:A:LEU:HD22	4	0.67
(34,2463)	1:139:A:LEU:HB2	1:140:A:LEU:HD23	4	0.67
(34,2463)	1:139:A:LEU:HB3	1:140:A:LEU:HD11	4	0.67
(34,2463)	1:139:A:LEU:HB3	1:140:A:LEU:HD12	4	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2463)	1:139:A:LEU:HB3	1:140:A:LEU:HD13	4	0.67
(34,2463)	1:139:A:LEU:HB3	1:140:A:LEU:HD21	4	0.67
(34,2463)	1:139:A:LEU:HB3	1:140:A:LEU:HD22	4	0.67
(34,2463)	1:139:A:LEU:HB3	1:140:A:LEU:HD23	4	0.67
(34,2278)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	9	0.67
(34,2278)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	9	0.67
(34,2264)	1:74:A:PRO:HA	1:77:A:CYS:HB2	7	0.67
(34,2264)	1:74:A:PRO:HA	1:77:A:CYS:HB3	7	0.67
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD11	14	0.67
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD12	14	0.67
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD13	14	0.67
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD21	14	0.67
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD22	14	0.67
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD23	14	0.67
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD11	14	0.67
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD12	14	0.67
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD13	14	0.67
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD21	14	0.67
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD22	14	0.67
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD23	14	0.67
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD11	14	0.67
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD12	14	0.67
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD13	14	0.67
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD21	14	0.67
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD22	14	0.67
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD23	14	0.67
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	13	0.67
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	13	0.67
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	13	0.67
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	13	0.67
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	13	0.67
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	13	0.67
(34,1730)	1:13:A:ALA:HA	1:79:A:THR:HG21	6	0.67
(34,1730)	1:13:A:ALA:HA	1:79:A:THR:HG22	6	0.67
(34,1730)	1:13:A:ALA:HA	1:79:A:THR:HG23	6	0.67
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE1	1	0.67
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE2	1	0.67
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE3	1	0.67
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE1	13	0.67
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE2	13	0.67
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE3	13	0.67
(34,1499)	1:101:A:ILE:HG21	1:103:A:ARG:HA	19	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1499)	1:101:A:ILE:HG22	1:103:A:ARG:HA	19	0.67
(34,1499)	1:101:A:ILE:HG23	1:103:A:ARG:HA	19	0.67
(34,1347)	1:106:A:ASP:HA	1:112:A:GLN:HE21	9	0.67
(34,1305)	1:44:A:GLU:HG2	1:45:A:ALA:HA	17	0.67
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD11	9	0.67
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD12	9	0.67
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD13	9	0.67
(34,1070)	1:11:A:ILE:HA	1:14:A:VAL:HB	3	0.67
(34,970)	1:39:A:VAL:HA	1:140:A:LEU:HD11	5	0.67
(34,970)	1:39:A:VAL:HA	1:140:A:LEU:HD12	5	0.67
(34,970)	1:39:A:VAL:HA	1:140:A:LEU:HD13	5	0.67
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG11	3	0.67
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG12	3	0.67
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG13	3	0.67
(34,630)	1:35:A:LEU:H	1:80:A:TYR:HB2	5	0.67
(34,479)	1:38:A:GLU:H	1:39:A:VAL:HG21	18	0.67
(34,479)	1:38:A:GLU:H	1:39:A:VAL:HG22	18	0.67
(34,479)	1:38:A:GLU:H	1:39:A:VAL:HG23	18	0.67
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	14	0.67
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	14	0.67
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	14	0.67
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	14	0.67
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	14	0.67
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	14	0.67
(33,2205)	1:60:A:LEU:HD11	1:120:A:CYS:HA	16	0.67
(33,2205)	1:60:A:LEU:HD12	1:120:A:CYS:HA	16	0.67
(33,2205)	1:60:A:LEU:HD13	1:120:A:CYS:HA	16	0.67
(33,2205)	1:60:A:LEU:HD21	1:120:A:CYS:HA	16	0.67
(33,2205)	1:60:A:LEU:HD22	1:120:A:CYS:HA	16	0.67
(33,2205)	1:60:A:LEU:HD23	1:120:A:CYS:HA	16	0.67
(33,2130)	1:40:A:LEU:HA	1:43:A:MET:HG2	9	0.67
(33,2130)	1:40:A:LEU:HA	1:43:A:MET:HG3	9	0.67
(33,1841)	1:13:A:ALA:HA	1:80:A:TYR:HE1	11	0.67
(33,1841)	1:13:A:ALA:HA	1:80:A:TYR:HE2	11	0.67
(33,1827)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	3	0.67
(33,1507)	1:11:A:ILE:HD11	1:43:A:MET:HE1	12	0.67
(33,1507)	1:11:A:ILE:HD11	1:43:A:MET:HE2	12	0.67
(33,1507)	1:11:A:ILE:HD11	1:43:A:MET:HE3	12	0.67
(33,1507)	1:11:A:ILE:HD12	1:43:A:MET:HE1	12	0.67
(33,1507)	1:11:A:ILE:HD12	1:43:A:MET:HE2	12	0.67
(33,1507)	1:11:A:ILE:HD12	1:43:A:MET:HE3	12	0.67
(33,1507)	1:11:A:ILE:HD13	1:43:A:MET:HE1	12	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1507)	1:11:A:ILE:HD13	1:43:A:MET:HE2	12	0.67
(33,1507)	1:11:A:ILE:HD13	1:43:A:MET:HE3	12	0.67
(33,1284)	1:44:A:GLU:HG2	1:45:A:ALA:HA	17	0.67
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB1	3	0.67
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB2	3	0.67
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB3	3	0.67
(33,1083)	1:48:A:ARG:HG2	1:49:A:LYS:HA	14	0.67
(33,1083)	1:48:A:ARG:HG3	1:49:A:LYS:HA	14	0.67
(33,1083)	1:48:A:ARG:HG2	1:49:A:LYS:HA	19	0.67
(33,1083)	1:48:A:ARG:HG3	1:49:A:LYS:HA	19	0.67
(33,981)	1:15:A:ALA:HB1	1:134:A:VAL:HB	6	0.67
(33,981)	1:15:A:ALA:HB2	1:134:A:VAL:HB	6	0.67
(33,981)	1:15:A:ALA:HB3	1:134:A:VAL:HB	6	0.67
(33,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	4	0.67
(33,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	4	0.67
(33,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	4	0.67
(33,851)	1:68:A:LYS:HA	1:68:A:LYS:HE2	4	0.67
(33,851)	1:68:A:LYS:HA	1:68:A:LYS:HE3	4	0.67
(33,846)	1:48:A:ARG:HD2	1:49:A:LYS:H	12	0.67
(33,846)	1:48:A:ARG:HD3	1:49:A:LYS:H	12	0.67
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	4	0.67
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	4	0.67
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	4	0.67
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	4	0.67
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	4	0.67
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	4	0.67
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	4	0.67
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	4	0.67
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	4	0.67
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG11	3	0.67
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG12	3	0.67
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG13	3	0.67
(33,635)	1:59:A:CYS:H	1:60:A:LEU:HB2	2	0.67
(33,468)	1:38:A:GLU:H	1:39:A:VAL:HG21	18	0.67
(33,468)	1:38:A:GLU:H	1:39:A:VAL:HG22	18	0.67
(33,468)	1:38:A:GLU:H	1:39:A:VAL:HG23	18	0.67
(33,347)	1:66:A:THR:H	1:96:A:VAL:HB	18	0.67
(33,163)	1:95:A:ILE:H	1:95:A:ILE:HB	18	0.67
(32,2451)	1:139:A:LEU:HB2	1:140:A:LEU:HD11	4	0.67
(32,2451)	1:139:A:LEU:HB2	1:140:A:LEU:HD12	4	0.67
(32,2451)	1:139:A:LEU:HB2	1:140:A:LEU:HD13	4	0.67
(32,2451)	1:139:A:LEU:HB2	1:140:A:LEU:HD21	4	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2451)	1:139:A:LEU:HB2	1:140:A:LEU:HD22	4	0.67
(32,2451)	1:139:A:LEU:HB2	1:140:A:LEU:HD23	4	0.67
(32,2451)	1:139:A:LEU:HB3	1:140:A:LEU:HD11	4	0.67
(32,2451)	1:139:A:LEU:HB3	1:140:A:LEU:HD12	4	0.67
(32,2451)	1:139:A:LEU:HB3	1:140:A:LEU:HD13	4	0.67
(32,2451)	1:139:A:LEU:HB3	1:140:A:LEU:HD21	4	0.67
(32,2451)	1:139:A:LEU:HB3	1:140:A:LEU:HD22	4	0.67
(32,2451)	1:139:A:LEU:HB3	1:140:A:LEU:HD23	4	0.67
(32,2415)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	19	0.67
(32,2415)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	19	0.67
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	18	0.67
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	18	0.67
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	18	0.67
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	18	0.67
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	18	0.67
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	18	0.67
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	18	0.67
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	18	0.67
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	18	0.67
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	18	0.67
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	18	0.67
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	18	0.67
(32,2285)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	7	0.67
(32,2285)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	7	0.67
(32,2285)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	7	0.67
(32,2285)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	7	0.67
(32,2285)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	7	0.67
(32,2285)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	7	0.67
(32,2285)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	7	0.67
(32,2285)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	7	0.67
(32,2285)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	7	0.67
(32,2285)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	7	0.67
(32,2285)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	7	0.67
(32,2285)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	7	0.67
(32,2275)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	9	0.67
(32,2275)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	9	0.67
(32,1987)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	12	0.67
(32,1987)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	12	0.67
(32,1987)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	12	0.67
(32,1987)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	12	0.67
(32,1987)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	12	0.67
(32,1987)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	12	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1825)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	18	0.67
(32,1825)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	18	0.67
(32,1365)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	8	0.67
(32,1365)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	8	0.67
(32,1365)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	8	0.67
(32,1325)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	2	0.67
(32,1325)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	2	0.67
(32,1325)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	2	0.67
(32,920)	1:39:A:VAL:HA	1:140:A:LEU:HD11	5	0.67
(32,920)	1:39:A:VAL:HA	1:140:A:LEU:HD12	5	0.67
(32,920)	1:39:A:VAL:HA	1:140:A:LEU:HD13	5	0.67
(32,777)	1:55:A:GLY:H	1:58:A:ILE:HD11	17	0.67
(32,777)	1:55:A:GLY:H	1:58:A:ILE:HD12	17	0.67
(32,777)	1:55:A:GLY:H	1:58:A:ILE:HD13	17	0.67
(32,622)	1:59:A:CYS:H	1:60:A:LEU:HB2	2	0.67
(30,2370)	1:115:A:ALA:H	1:116:A:GLN:HE21	14	0.67
(30,2370)	1:115:A:ALA:H	1:116:A:GLN:HE22	14	0.67
(30,2345)	1:107:A:LEU:HD11	1:112:A:GLN:H	16	0.67
(30,2345)	1:107:A:LEU:HD12	1:112:A:GLN:H	16	0.67
(30,2345)	1:107:A:LEU:HD13	1:112:A:GLN:H	16	0.67
(30,2345)	1:107:A:LEU:HD21	1:112:A:GLN:H	16	0.67
(30,2345)	1:107:A:LEU:HD22	1:112:A:GLN:H	16	0.67
(30,2345)	1:107:A:LEU:HD23	1:112:A:GLN:H	16	0.67
(30,2019)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	13	0.67
(30,2019)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	13	0.67
(30,2019)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	13	0.67
(30,2019)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	13	0.67
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	2	0.67
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	2	0.67
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	2	0.67
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	2	0.67
(30,1726)	1:13:A:ALA:HA	1:79:A:THR:HG21	6	0.67
(30,1726)	1:13:A:ALA:HA	1:79:A:THR:HG22	6	0.67
(30,1726)	1:13:A:ALA:HA	1:79:A:THR:HG23	6	0.67
(30,1700)	1:11:A:ILE:HG12	1:57:A:LEU:HB3	15	0.67
(30,1271)	1:44:A:GLU:HG2	1:45:A:ALA:HA	17	0.67
(30,634)	1:59:A:CYS:H	1:60:A:LEU:HB2	2	0.67
(30,62)	1:80:A:TYR:HA	1:81:A:GLU:H	2	0.67
(30,44)	1:44:A:GLU:HG3	1:47:A:ALA:H	16	0.67
(29,2395)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	2	0.67
(29,2395)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	2	0.67
(29,2395)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	2	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2395)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	2	0.67
(29,2395)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	2	0.67
(29,2395)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	2	0.67
(29,2286)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	10	0.67
(29,2286)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	10	0.67
(29,2286)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	10	0.67
(29,2286)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	10	0.67
(29,2286)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	10	0.67
(29,2286)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	10	0.67
(29,2286)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	10	0.67
(29,2286)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	10	0.67
(29,2286)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	10	0.67
(29,2286)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	10	0.67
(29,2286)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	10	0.67
(29,2286)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	10	0.67
(29,2259)	1:74:A:PRO:HA	1:77:A:CYS:HB2	7	0.67
(29,2259)	1:74:A:PRO:HA	1:77:A:CYS:HB3	7	0.67
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD11	3	0.67
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD12	3	0.67
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD13	3	0.67
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD21	3	0.67
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD22	3	0.67
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD23	3	0.67
(29,1907)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	3	0.67
(29,1729)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	10	0.67
(29,1427)	1:73:A:ILE:HG21	1:113:A:PHE:HB3	8	0.67
(29,1427)	1:73:A:ILE:HG22	1:113:A:PHE:HB3	8	0.67
(29,1427)	1:73:A:ILE:HG23	1:113:A:PHE:HB3	8	0.67
(29,1287)	1:44:A:GLU:HG2	1:45:A:ALA:HA	17	0.67
(29,1252)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	9	0.67
(29,1252)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	9	0.67
(29,1252)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	9	0.67
(29,1180)	1:140:A:LEU:HD21	1:144:A:LEU:H	16	0.67
(29,1180)	1:140:A:LEU:HD22	1:144:A:LEU:H	16	0.67
(29,1180)	1:140:A:LEU:HD23	1:144:A:LEU:H	16	0.67
(29,1057)	1:11:A:ILE:HA	1:14:A:VAL:HB	3	0.67
(29,953)	1:67:A:PRO:HA	1:70:A:LYS:HB2	9	0.67
(29,953)	1:67:A:PRO:HA	1:70:A:LYS:HB3	9	0.67
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	3	0.67
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	3	0.67
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	3	0.67
(29,824)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	11	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,824)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	11	0.67
(29,824)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	11	0.67
(29,723)	1:48:A:ARG:HE	1:49:A:LYS:H	3	0.67
(29,723)	1:48:A:ARG:HE	1:49:A:LYS:H	8	0.67
(29,641)	1:59:A:CYS:H	1:60:A:LEU:HB2	2	0.67
(29,514)	1:70:A:LYS:HE2	1:71:A:LYS:H	15	0.67
(29,514)	1:70:A:LYS:HE3	1:71:A:LYS:H	15	0.67
(29,173)	1:95:A:ILE:H	1:95:A:ILE:HB	18	0.67
(29,37)	1:95:A:ILE:HB	1:96:A:VAL:H	11	0.67
(29,32)	1:96:A:VAL:H	1:97:A:ASP:H	6	0.67
(23,19)	1:120:A:CYS:N	1:116:A:GLN:O	10	0.67
(23,10)	1:101:A:ILE:N	1:98:A:ILE:O	7	0.67
(23,10)	1:101:A:ILE:N	1:98:A:ILE:O	13	0.67
(23,10)	1:101:A:ILE:N	1:98:A:ILE:O	17	0.67
(23,10)	1:101:A:ILE:N	1:98:A:ILE:O	19	0.67
(22,39)	1:128:A:LEU:H	1:124:A:THR:C	8	0.67
(22,35)	1:119:A:LEU:H	1:115:A:ALA:C	6	0.67
(22,35)	1:119:A:LEU:H	1:115:A:ALA:C	12	0.67
(22,35)	1:119:A:LEU:H	1:115:A:ALA:C	18	0.67
(22,9)	1:58:A:ILE:H	1:54:A:ARG:C	2	0.67
(19,15)	1:52:A:CYS:SG	1:127:A:CYS:CB	1	0.67
(18,2430)	1:139:A:LEU:HB2	1:140:A:LEU:HD11	4	0.67
(18,2430)	1:139:A:LEU:HB2	1:140:A:LEU:HD12	4	0.67
(18,2430)	1:139:A:LEU:HB2	1:140:A:LEU:HD13	4	0.67
(18,2430)	1:139:A:LEU:HB2	1:140:A:LEU:HD21	4	0.67
(18,2430)	1:139:A:LEU:HB2	1:140:A:LEU:HD22	4	0.67
(18,2430)	1:139:A:LEU:HB2	1:140:A:LEU:HD23	4	0.67
(18,2430)	1:139:A:LEU:HB3	1:140:A:LEU:HD11	4	0.67
(18,2430)	1:139:A:LEU:HB3	1:140:A:LEU:HD12	4	0.67
(18,2430)	1:139:A:LEU:HB3	1:140:A:LEU:HD13	4	0.67
(18,2430)	1:139:A:LEU:HB3	1:140:A:LEU:HD21	4	0.67
(18,2430)	1:139:A:LEU:HB3	1:140:A:LEU:HD22	4	0.67
(18,2430)	1:139:A:LEU:HB3	1:140:A:LEU:HD23	4	0.67
(18,2241)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	18	0.67
(18,2241)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	18	0.67
(18,2241)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	18	0.67
(18,2241)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	18	0.67
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD11	14	0.67
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD12	14	0.67
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD13	14	0.67
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD21	14	0.67
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD22	14	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD23	14	0.67
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD11	14	0.67
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD12	14	0.67
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD13	14	0.67
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD21	14	0.67
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD22	14	0.67
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD23	14	0.67
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD11	14	0.67
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD12	14	0.67
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD13	14	0.67
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD21	14	0.67
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD22	14	0.67
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD23	14	0.67
(18,1956)	1:11:A:ILE:HG12	1:57:A:LEU:HB2	14	0.67
(18,1956)	1:11:A:ILE:HG12	1:57:A:LEU:HB3	14	0.67
(18,1877)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	3	0.67
(18,1832)	1:13:A:ALA:HA	1:80:A:TYR:HE1	12	0.67
(18,1832)	1:13:A:ALA:HA	1:80:A:TYR:HE2	12	0.67
(18,1747)	1:57:A:LEU:HG	1:60:A:LEU:HG	5	0.67
(18,1697)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	10	0.67
(18,1461)	1:67:A:PRO:HD3	1:95:A:ILE:HA	16	0.67
(18,1103)	1:70:A:LYS:HA	1:70:A:LYS:HE2	7	0.67
(18,1103)	1:70:A:LYS:HA	1:70:A:LYS:HE3	7	0.67
(18,1026)	1:79:A:THR:HG21	1:81:A:GLU:HB2	10	0.67
(18,1026)	1:79:A:THR:HG22	1:81:A:GLU:HB2	10	0.67
(18,1026)	1:79:A:THR:HG23	1:81:A:GLU:HB2	10	0.67
(18,955)	1:67:A:PRO:HA	1:70:A:LYS:HB2	9	0.67
(18,955)	1:67:A:PRO:HA	1:70:A:LYS:HB3	9	0.67
(18,904)	1:124:A:THR:H	1:127:A:CYS:HB2	2	0.67
(18,820)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	11	0.67
(18,820)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	11	0.67
(18,820)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	11	0.67
(18,647)	1:59:A:CYS:H	1:60:A:LEU:HB2	2	0.67
(18,516)	1:101:A:ILE:HD11	1:105:A:LYS:H	18	0.67
(18,516)	1:101:A:ILE:HD12	1:105:A:LYS:H	18	0.67
(18,516)	1:101:A:ILE:HD13	1:105:A:LYS:H	18	0.67
(18,153)	1:67:A:PRO:HD3	1:95:A:ILE:H	4	0.67
(17,2459)	1:141:A:LYS:H	1:148:A:CYS:HB2	11	0.67
(17,2459)	1:141:A:LYS:H	1:148:A:CYS:HB3	11	0.67
(17,2458)	1:140:A:LEU:HD11	1:144:A:LEU:H	13	0.67
(17,2458)	1:140:A:LEU:HD12	1:144:A:LEU:H	13	0.67
(17,2458)	1:140:A:LEU:HD13	1:144:A:LEU:H	13	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2458)	1:140:A:LEU:HD21	1:144:A:LEU:H	13	0.67
(17,2458)	1:140:A:LEU:HD22	1:144:A:LEU:H	13	0.67
(17,2458)	1:140:A:LEU:HD23	1:144:A:LEU:H	13	0.67
(17,2284)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	9	0.67
(17,2284)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	9	0.67
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	14	0.67
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	14	0.67
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	14	0.67
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	14	0.67
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	14	0.67
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	14	0.67
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD11	17	0.67
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD12	17	0.67
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD13	17	0.67
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD21	17	0.67
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD22	17	0.67
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD23	17	0.67
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD11	17	0.67
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD12	17	0.67
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD13	17	0.67
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD21	17	0.67
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD22	17	0.67
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD23	17	0.67
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD11	17	0.67
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD12	17	0.67
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD13	17	0.67
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD21	17	0.67
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD22	17	0.67
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD23	17	0.67
(17,1906)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	3	0.67
(17,1882)	1:9:A:PHE:HE1	1:14:A:VAL:HB	4	0.67
(17,1882)	1:9:A:PHE:HE2	1:14:A:VAL:HB	4	0.67
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	10	0.67
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	10	0.67
(17,1876)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	10	0.67
(17,1806)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	10	0.67
(17,1806)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	10	0.67
(17,1806)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	10	0.67
(17,1806)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	10	0.67
(17,1806)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	10	0.67
(17,1806)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	10	0.67
(17,1787)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	9	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1787)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	9	0.67
(17,1779)	1:57:A:LEU:HG	1:60:A:LEU:HG	5	0.67
(17,1488)	1:67:A:PRO:HD3	1:95:A:ILE:HA	16	0.67
(17,1121)	1:41:A:LYS:HA	1:44:A:GLU:HG2	11	0.67
(17,1092)	1:45:A:ALA:HA	1:48:A:ARG:HG2	5	0.67
(17,1092)	1:45:A:ALA:HA	1:48:A:ARG:HG3	5	0.67
(17,967)	1:43:A:MET:HB3	1:140:A:LEU:HD11	9	0.67
(17,967)	1:43:A:MET:HB3	1:140:A:LEU:HD12	9	0.67
(17,967)	1:43:A:MET:HB3	1:140:A:LEU:HD13	9	0.67
(17,955)	1:39:A:VAL:HA	1:140:A:LEU:HD11	5	0.67
(17,955)	1:39:A:VAL:HA	1:140:A:LEU:HD12	5	0.67
(17,955)	1:39:A:VAL:HA	1:140:A:LEU:HD13	5	0.67
(17,849)	1:48:A:ARG:HD2	1:49:A:LYS:H	12	0.67
(17,849)	1:48:A:ARG:HD3	1:49:A:LYS:H	12	0.67
(17,817)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	11	0.67
(17,817)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	11	0.67
(17,817)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	11	0.67
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	12	0.67
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	12	0.67
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	12	0.67
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	12	0.67
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	12	0.67
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	12	0.67
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	12	0.67
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	12	0.67
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	12	0.67
(17,739)	1:46:A:ASN:HD21	1:134:A:VAL:HA	7	0.67
(17,636)	1:59:A:CYS:H	1:60:A:LEU:HB2	2	0.67
(17,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	5	0.67
(17,578)	1:128:A:LEU:HD21	1:130:A:GLY:H	1	0.67
(17,578)	1:128:A:LEU:HD22	1:130:A:GLY:H	1	0.67
(17,578)	1:128:A:LEU:HD23	1:130:A:GLY:H	1	0.67
(17,262)	1:39:A:VAL:H	1:139:A:LEU:HB2	4	0.67
(17,262)	1:39:A:VAL:H	1:139:A:LEU:HB3	4	0.67
(16,2432)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	12	0.67
(16,2432)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	12	0.67
(16,2432)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	12	0.67
(16,2432)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	12	0.67
(16,2432)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	12	0.67
(16,2432)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	12	0.67
(16,2332)	1:107:A:LEU:HD11	1:115:A:ALA:H	5	0.67
(16,2332)	1:107:A:LEU:HD12	1:115:A:ALA:H	5	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2332)	1:107:A:LEU:HD13	1:115:A:ALA:H	5	0.67
(16,2332)	1:107:A:LEU:HD21	1:115:A:ALA:H	5	0.67
(16,2332)	1:107:A:LEU:HD22	1:115:A:ALA:H	5	0.67
(16,2332)	1:107:A:LEU:HD23	1:115:A:ALA:H	5	0.67
(16,2293)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	6	0.67
(16,2293)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	6	0.67
(16,2293)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	6	0.67
(16,2293)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	6	0.67
(16,2293)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	6	0.67
(16,2293)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	6	0.67
(16,2123)	1:39:A:VAL:HG11	1:43:A:MET:HB2	4	0.67
(16,2123)	1:39:A:VAL:HG12	1:43:A:MET:HB2	4	0.67
(16,2123)	1:39:A:VAL:HG13	1:43:A:MET:HB2	4	0.67
(16,2123)	1:39:A:VAL:HG21	1:43:A:MET:HB2	4	0.67
(16,2123)	1:39:A:VAL:HG22	1:43:A:MET:HB2	4	0.67
(16,2123)	1:39:A:VAL:HG23	1:43:A:MET:HB2	4	0.67
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD11	19	0.67
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD12	19	0.67
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD13	19	0.67
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD21	19	0.67
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD22	19	0.67
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD23	19	0.67
(16,2017)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	13	0.67
(16,2017)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	13	0.67
(16,2017)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	13	0.67
(16,2017)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	13	0.67
(16,1904)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	2	0.67
(16,1904)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	2	0.67
(16,1904)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	2	0.67
(16,1884)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	7	0.67
(16,1884)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	7	0.67
(16,1884)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	7	0.67
(16,1884)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	7	0.67
(16,1884)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	7	0.67
(16,1884)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	7	0.67
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	10	0.67
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	10	0.67
(16,1846)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	10	0.67
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	2	0.67
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	2	0.67
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	2	0.67
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	2	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD11	5	0.67
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD12	5	0.67
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD13	5	0.67
(16,1531)	1:69:A:MET:HE1	1:76:A:ARG:HG2	7	0.67
(16,1531)	1:69:A:MET:HE1	1:76:A:ARG:HG3	7	0.67
(16,1531)	1:69:A:MET:HE2	1:76:A:ARG:HG2	7	0.67
(16,1531)	1:69:A:MET:HE2	1:76:A:ARG:HG3	7	0.67
(16,1531)	1:69:A:MET:HE3	1:76:A:ARG:HG2	7	0.67
(16,1531)	1:69:A:MET:HE3	1:76:A:ARG:HG3	7	0.67
(16,1400)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	8	0.67
(16,1400)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	8	0.67
(16,1400)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	8	0.67
(16,1258)	1:23:A:LEU:HD11	1:24:A:ASP:H	5	0.67
(16,1258)	1:23:A:LEU:HD12	1:24:A:ASP:H	5	0.67
(16,1258)	1:23:A:LEU:HD13	1:24:A:ASP:H	5	0.67
(16,1258)	1:23:A:LEU:HD11	1:24:A:ASP:H	10	0.67
(16,1258)	1:23:A:LEU:HD12	1:24:A:ASP:H	10	0.67
(16,1258)	1:23:A:LEU:HD13	1:24:A:ASP:H	10	0.67
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	13	0.67
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	13	0.67
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	13	0.67
(16,1018)	1:95:A:ILE:HG21	1:105:A:LYS:HB2	2	0.67
(16,1018)	1:95:A:ILE:HG21	1:105:A:LYS:HB3	2	0.67
(16,1018)	1:95:A:ILE:HG22	1:105:A:LYS:HB2	2	0.67
(16,1018)	1:95:A:ILE:HG22	1:105:A:LYS:HB3	2	0.67
(16,1018)	1:95:A:ILE:HG23	1:105:A:LYS:HB2	2	0.67
(16,1018)	1:95:A:ILE:HG23	1:105:A:LYS:HB3	2	0.67
(16,1005)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	15	0.67
(16,1005)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	15	0.67
(16,874)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	4	0.67
(16,874)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	4	0.67
(16,874)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	4	0.67
(16,727)	1:63:A:ILE:HG12	1:116:A:GLN:HE22	15	0.67
(16,639)	1:59:A:CYS:H	1:60:A:LEU:HB2	2	0.67
(16,580)	1:42:A:GLU:HB3	1:46:A:ASN:HD21	16	0.67
(16,168)	1:95:A:ILE:H	1:95:A:ILE:HB	18	0.67
(16,90)	1:96:A:VAL:H	1:97:A:ASP:H	10	0.67
(16,35)	1:95:A:ILE:HB	1:96:A:VAL:H	11	0.67
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG11	3	0.67
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG12	3	0.67
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG13	3	0.67
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG21	3	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG22	3	0.67
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG23	3	0.67
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG11	19	0.67
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG12	19	0.67
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG13	19	0.67
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG21	19	0.67
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG22	19	0.67
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG23	19	0.67
(15,1997)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	13	0.67
(15,1997)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	13	0.67
(15,1997)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	13	0.67
(15,1997)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	13	0.67
(15,1994)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	12	0.67
(15,1994)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	12	0.67
(15,1994)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	12	0.67
(15,1994)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	12	0.67
(15,1994)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	12	0.67
(15,1994)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	12	0.67
(15,1896)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	19	0.67
(15,1896)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	19	0.67
(15,1896)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	19	0.67
(15,1843)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	18	0.67
(15,1843)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	18	0.67
(15,1751)	1:57:A:LEU:HG	1:60:A:LEU:HG	5	0.67
(15,1709)	1:13:A:ALA:HA	1:79:A:THR:HG21	6	0.67
(15,1709)	1:13:A:ALA:HA	1:79:A:THR:HG22	6	0.67
(15,1709)	1:13:A:ALA:HA	1:79:A:THR:HG23	6	0.67
(15,945)	1:39:A:VAL:HA	1:140:A:LEU:HD11	5	0.67
(15,945)	1:39:A:VAL:HA	1:140:A:LEU:HD12	5	0.67
(15,945)	1:39:A:VAL:HA	1:140:A:LEU:HD13	5	0.67
(15,820)	1:98:A:ILE:HD11	1:101:A:ILE:HB	15	0.67
(15,820)	1:98:A:ILE:HD12	1:101:A:ILE:HB	15	0.67
(15,820)	1:98:A:ILE:HD13	1:101:A:ILE:HB	15	0.67
(15,737)	1:46:A:ASN:HD21	1:134:A:VAL:HA	7	0.67
(15,642)	1:59:A:CYS:H	1:60:A:LEU:HB2	2	0.67
(15,487)	1:147:A:ARG:HD2	1:148:A:CYS:H	17	0.67
(15,487)	1:147:A:ARG:HD3	1:148:A:CYS:H	17	0.67
(15,170)	1:95:A:ILE:H	1:95:A:ILE:HB	18	0.67
(15,66)	1:80:A:TYR:HA	1:81:A:GLU:H	2	0.67
(13,2313)	1:107:A:LEU:HD11	1:115:A:ALA:H	5	0.67
(13,2313)	1:107:A:LEU:HD12	1:115:A:ALA:H	5	0.67
(13,2313)	1:107:A:LEU:HD13	1:115:A:ALA:H	5	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2313)	1:107:A:LEU:HD21	1:115:A:ALA:H	5	0.67
(13,2313)	1:107:A:LEU:HD22	1:115:A:ALA:H	5	0.67
(13,2313)	1:107:A:LEU:HD23	1:115:A:ALA:H	5	0.67
(13,2250)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	9	0.67
(13,2250)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	9	0.67
(13,2198)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	17	0.67
(13,2198)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	17	0.67
(13,2198)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	17	0.67
(13,2198)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	17	0.67
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD11	14	0.67
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD12	14	0.67
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD13	14	0.67
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD21	14	0.67
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD22	14	0.67
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD23	14	0.67
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD11	14	0.67
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD12	14	0.67
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD13	14	0.67
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD21	14	0.67
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD22	14	0.67
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD23	14	0.67
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD11	14	0.67
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD12	14	0.67
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD13	14	0.67
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD21	14	0.67
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD22	14	0.67
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD23	14	0.67
(13,1950)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	12	0.67
(13,1950)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	12	0.67
(13,1950)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	12	0.67
(13,1950)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	12	0.67
(13,1950)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	12	0.67
(13,1950)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	12	0.67
(13,1950)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	12	0.67
(13,1950)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	12	0.67
(13,1950)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	12	0.67
(13,1950)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	12	0.67
(13,1950)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	12	0.67
(13,1950)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	12	0.67
(13,1457)	1:101:A:ILE:HG21	1:103:A:ARG:HA	19	0.67
(13,1457)	1:101:A:ILE:HG22	1:103:A:ARG:HA	19	0.67
(13,1457)	1:101:A:ILE:HG23	1:103:A:ARG:HA	19	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1375)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	8	0.67
(13,1375)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	8	0.67
(13,1375)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	8	0.67
(13,1300)	1:106:A:ASP:HA	1:112:A:GLN:HE21	9	0.67
(13,1215)	1:39:A:VAL:HA	1:139:A:LEU:HD21	17	0.67
(13,1215)	1:39:A:VAL:HA	1:139:A:LEU:HD22	17	0.67
(13,1215)	1:39:A:VAL:HA	1:139:A:LEU:HD23	17	0.67
(13,925)	1:67:A:PRO:HA	1:70:A:LYS:HB2	9	0.67
(13,925)	1:67:A:PRO:HA	1:70:A:LYS:HB3	9	0.67
(13,701)	1:45:A:ALA:H	1:48:A:ARG:HE	11	0.67
(13,629)	1:59:A:CYS:H	1:60:A:LEU:HB2	2	0.67
(13,575)	1:128:A:LEU:HD21	1:130:A:GLY:H	1	0.67
(13,575)	1:128:A:LEU:HD22	1:130:A:GLY:H	1	0.67
(13,575)	1:128:A:LEU:HD23	1:130:A:GLY:H	1	0.67
(13,505)	1:70:A:LYS:HE2	1:71:A:LYS:H	15	0.67
(13,505)	1:70:A:LYS:HE3	1:71:A:LYS:H	15	0.67
(13,370)	1:40:A:LEU:HB2	1:41:A:LYS:H	4	0.67
(13,370)	1:40:A:LEU:HB2	1:41:A:LYS:H	5	0.67
(13,343)	1:66:A:THR:H	1:96:A:VAL:HB	18	0.67
(13,163)	1:95:A:ILE:H	1:95:A:ILE:HB	18	0.67
(13,51)	1:47:A:ALA:H	1:134:A:VAL:HG21	11	0.67
(13,51)	1:47:A:ALA:H	1:134:A:VAL:HG22	11	0.67
(13,51)	1:47:A:ALA:H	1:134:A:VAL:HG23	11	0.67
(11,2419)	1:134:A:VAL:HG11	1:137:A:SER:HB2	14	0.67
(11,2419)	1:134:A:VAL:HG11	1:137:A:SER:HB3	14	0.67
(11,2419)	1:134:A:VAL:HG12	1:137:A:SER:HB2	14	0.67
(11,2419)	1:134:A:VAL:HG12	1:137:A:SER:HB3	14	0.67
(11,2419)	1:134:A:VAL:HG13	1:137:A:SER:HB2	14	0.67
(11,2419)	1:134:A:VAL:HG13	1:137:A:SER:HB3	14	0.67
(11,2419)	1:134:A:VAL:HG21	1:137:A:SER:HB2	14	0.67
(11,2419)	1:134:A:VAL:HG21	1:137:A:SER:HB3	14	0.67
(11,2419)	1:134:A:VAL:HG22	1:137:A:SER:HB2	14	0.67
(11,2419)	1:134:A:VAL:HG22	1:137:A:SER:HB3	14	0.67
(11,2419)	1:134:A:VAL:HG23	1:137:A:SER:HB2	14	0.67
(11,2419)	1:134:A:VAL:HG23	1:137:A:SER:HB3	14	0.67
(11,2286)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	10	0.67
(11,2286)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	10	0.67
(11,2286)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	10	0.67
(11,2286)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	10	0.67
(11,2042)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	13	0.67
(11,2042)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	13	0.67
(11,2042)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	13	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2042)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	13	0.67
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	15	0.67
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	15	0.67
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	15	0.67
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD21	15	0.67
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD22	15	0.67
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD23	15	0.67
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	17	0.67
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	17	0.67
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	17	0.67
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD21	17	0.67
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD22	17	0.67
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD23	17	0.67
(11,1908)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	3	0.67
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	2	0.67
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	2	0.67
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	2	0.67
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	2	0.67
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	15	0.67
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	15	0.67
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD21	6	0.67
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD22	6	0.67
(11,1766)	1:39:A:VAL:HB	1:144:A:LEU:HD23	6	0.67
(11,1742)	1:141:A:LYS:HA	1:145:A:PRO:HD3	5	0.67
(11,1642)	1:128:A:LEU:HD21	1:130:A:GLY:H	1	0.67
(11,1642)	1:128:A:LEU:HD22	1:130:A:GLY:H	1	0.67
(11,1642)	1:128:A:LEU:HD23	1:130:A:GLY:H	1	0.67
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD11	5	0.67
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD12	5	0.67
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD13	5	0.67
(11,1504)	1:101:A:ILE:HG21	1:103:A:ARG:HA	19	0.67
(11,1504)	1:101:A:ILE:HG22	1:103:A:ARG:HA	19	0.67
(11,1504)	1:101:A:ILE:HG23	1:103:A:ARG:HA	19	0.67
(11,1307)	1:68:A:LYS:HG2	1:70:A:LYS:H	16	0.67
(11,1307)	1:68:A:LYS:HG3	1:70:A:LYS:H	16	0.67
(11,1294)	1:44:A:GLU:HG2	1:45:A:ALA:HA	17	0.67
(11,1118)	1:146:A:GLN:HA	1:147:A:ARG:HG2	5	0.67
(11,1118)	1:146:A:GLN:HA	1:147:A:ARG:HG3	5	0.67
(11,1098)	1:70:A:LYS:HA	1:70:A:LYS:HE2	7	0.67
(11,1098)	1:70:A:LYS:HA	1:70:A:LYS:HE3	7	0.67
(11,949)	1:67:A:PRO:HA	1:70:A:LYS:HB2	9	0.67
(11,949)	1:67:A:PRO:HA	1:70:A:LYS:HB3	9	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,637)	1:59:A:CYS:H	1:60:A:LEU:HB3	4	0.67
(11,511)	1:70:A:LYS:HE2	1:71:A:LYS:H	15	0.67
(11,511)	1:70:A:LYS:HE3	1:71:A:LYS:H	15	0.67
(11,165)	1:95:A:ILE:H	1:95:A:ILE:HB	18	0.67
(11,67)	1:80:A:TYR:HA	1:81:A:GLU:H	2	0.67
(9,2006)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	13	0.67
(9,2006)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	13	0.67
(9,2006)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	13	0.67
(9,2006)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	13	0.67
(9,2002)	1:17:A:ASN:HD21	1:79:A:THR:H	12	0.67
(9,2002)	1:17:A:ASN:HD22	1:79:A:THR:H	12	0.67
(9,1986)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	12	0.67
(9,1986)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	12	0.67
(9,1986)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	12	0.67
(9,1986)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	12	0.67
(9,1986)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	12	0.67
(9,1986)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	12	0.67
(9,1986)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	12	0.67
(9,1986)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	12	0.67
(9,1986)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	12	0.67
(9,1986)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	12	0.67
(9,1986)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	12	0.67
(9,1986)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	12	0.67
(9,1986)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	12	0.67
(9,1986)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	12	0.67
(9,1986)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	12	0.67
(9,1986)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	12	0.67
(9,1986)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	12	0.67
(9,1986)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	12	0.67
(9,1986)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	12	0.67
(9,1986)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	12	0.67
(9,1986)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	12	0.67
(9,1986)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	12	0.67
(9,1986)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	12	0.67
(9,1986)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	12	0.67
(9,1986)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	12	0.67
(9,1986)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	12	0.67
(9,1986)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	12	0.67
(9,1986)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	12	0.67
(9,1986)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	12	0.67
(9,1986)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	12	0.67
(9,1986)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	12	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1986)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	12	0.67
(9,1986)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	12	0.67
(9,1986)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	12	0.67
(9,1986)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	12	0.67
(9,1986)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	12	0.67
(9,1888)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	3	0.67
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	10	0.67
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	10	0.67
(9,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	10	0.67
(9,1836)	1:13:A:ALA:HA	1:80:A:TYR:HE1	11	0.67
(9,1836)	1:13:A:ALA:HA	1:80:A:TYR:HE2	11	0.67
(9,1757)	1:57:A:LEU:HG	1:60:A:LEU:HG	5	0.67
(9,1505)	1:43:A:MET:HE1	1:46:A:ASN:HB2	10	0.67
(9,1505)	1:43:A:MET:HE2	1:46:A:ASN:HB2	10	0.67
(9,1505)	1:43:A:MET:HE3	1:46:A:ASN:HB2	10	0.67
(9,1355)	1:118:A:ASP:HA	1:121:A:VAL:HG11	18	0.67
(9,1355)	1:118:A:ASP:HA	1:121:A:VAL:HG12	18	0.67
(9,1355)	1:118:A:ASP:HA	1:121:A:VAL:HG13	18	0.67
(9,1275)	1:44:A:GLU:HG2	1:45:A:ALA:HA	17	0.67
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD21	16	0.67
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD22	16	0.67
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD23	16	0.67
(9,1087)	1:70:A:LYS:HA	1:70:A:LYS:HE2	7	0.67
(9,1087)	1:70:A:LYS:HA	1:70:A:LYS:HE3	7	0.67
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG11	3	0.67
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG12	3	0.67
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG13	3	0.67
(9,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	5	0.67
(9,516)	1:70:A:LYS:HE2	1:71:A:LYS:H	15	0.67
(9,516)	1:70:A:LYS:HE3	1:71:A:LYS:H	15	0.67
(9,477)	1:38:A:GLU:H	1:39:A:VAL:HG21	18	0.67
(9,477)	1:38:A:GLU:H	1:39:A:VAL:HG22	18	0.67
(9,477)	1:38:A:GLU:H	1:39:A:VAL:HG23	18	0.67
(9,166)	1:95:A:ILE:H	1:95:A:ILE:HB	18	0.67
(9,30)	1:96:A:VAL:H	1:97:A:ASP:H	6	0.67
(7,2318)	1:107:A:LEU:HD11	1:112:A:GLN:H	16	0.67
(7,2318)	1:107:A:LEU:HD12	1:112:A:GLN:H	16	0.67
(7,2318)	1:107:A:LEU:HD13	1:112:A:GLN:H	16	0.67
(7,2318)	1:107:A:LEU:HD21	1:112:A:GLN:H	16	0.67
(7,2318)	1:107:A:LEU:HD22	1:112:A:GLN:H	16	0.67
(7,2318)	1:107:A:LEU:HD23	1:112:A:GLN:H	16	0.67
(7,2247)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	10	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2247)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	10	0.67
(7,2247)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	10	0.67
(7,2247)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	10	0.67
(7,2206)	1:64:A:LYS:HB2	1:116:A:GLN:HG2	13	0.67
(7,2206)	1:64:A:LYS:HB2	1:116:A:GLN:HG3	13	0.67
(7,2206)	1:64:A:LYS:HB3	1:116:A:GLN:HG2	13	0.67
(7,2206)	1:64:A:LYS:HB3	1:116:A:GLN:HG3	13	0.67
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD1	8	0.67
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD2	8	0.67
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD1	8	0.67
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD2	8	0.67
(7,2086)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	12	0.67
(7,2086)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	12	0.67
(7,2086)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	12	0.67
(7,2086)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	12	0.67
(7,2086)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	12	0.67
(7,2086)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	12	0.67
(7,2086)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	12	0.67
(7,2086)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	12	0.67
(7,2086)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	12	0.67
(7,2086)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	12	0.67
(7,2086)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	12	0.67
(7,2086)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	12	0.67
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD11	10	0.67
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD12	10	0.67
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD13	10	0.67
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD21	10	0.67
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD22	10	0.67
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD23	10	0.67
(7,1797)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	3	0.67
(7,1727)	1:57:A:LEU:HG	1:60:A:LEU:HG	5	0.67
(7,1675)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	10	0.67
(7,1439)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	18	0.67
(7,1439)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	18	0.67
(7,1439)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	18	0.67
(7,1439)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	18	0.67
(7,1439)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	18	0.67
(7,1439)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	18	0.67
(7,1439)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	18	0.67
(7,1439)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	18	0.67
(7,1439)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	18	0.67
(7,1259)	1:44:A:GLU:HG2	1:45:A:ALA:HA	17	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1070)	1:70:A:LYS:HA	1:70:A:LYS:HE2	7	0.67
(7,1070)	1:70:A:LYS:HA	1:70:A:LYS:HE3	7	0.67
(7,960)	1:15:A:ALA:HB1	1:134:A:VAL:HB	6	0.67
(7,960)	1:15:A:ALA:HB2	1:134:A:VAL:HB	6	0.67
(7,960)	1:15:A:ALA:HB3	1:134:A:VAL:HB	6	0.67
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG11	3	0.67
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG12	3	0.67
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG13	3	0.67
(7,707)	1:44:A:GLU:HG2	1:48:A:ARG:HE	9	0.67
(7,707)	1:44:A:GLU:HG3	1:48:A:ARG:HE	9	0.67
(7,634)	1:59:A:CYS:H	1:60:A:LEU:HB2	2	0.67
(7,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	5	0.67
(7,512)	1:70:A:LYS:HE2	1:71:A:LYS:H	15	0.67
(7,512)	1:70:A:LYS:HE3	1:71:A:LYS:H	15	0.67
(7,473)	1:38:A:GLU:H	1:39:A:VAL:HG21	18	0.67
(7,473)	1:38:A:GLU:H	1:39:A:VAL:HG22	18	0.67
(7,473)	1:38:A:GLU:H	1:39:A:VAL:HG23	18	0.67
(7,292)	1:121:A:VAL:H	1:123:A:CYS:H	15	0.67
(7,166)	1:95:A:ILE:H	1:95:A:ILE:HB	18	0.67
(7,42)	1:44:A:GLU:HG3	1:47:A:ALA:H	16	0.67
(6,2411)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	19	0.67
(6,2411)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	19	0.67
(6,2362)	1:115:A:ALA:H	1:116:A:GLN:HE21	14	0.67
(6,2362)	1:115:A:ALA:H	1:116:A:GLN:HE22	14	0.67
(6,2300)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	6	0.67
(6,2300)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	6	0.67
(6,2300)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	6	0.67
(6,2300)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	6	0.67
(6,2300)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	6	0.67
(6,2300)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	6	0.67
(6,2279)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	9	0.67
(6,2279)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	9	0.67
(6,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	18	0.67
(6,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	18	0.67
(6,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	18	0.67
(6,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	18	0.67
(6,2143)	1:43:A:MET:HB2	1:140:A:LEU:HG	2	0.67
(6,2143)	1:43:A:MET:HB3	1:140:A:LEU:HG	2	0.67
(6,2143)	1:43:A:MET:HB2	1:140:A:LEU:HG	3	0.67
(6,2143)	1:43:A:MET:HB3	1:140:A:LEU:HG	3	0.67
(6,1899)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	3	0.67
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	10	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	10	0.67
(6,1864)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	10	0.67
(6,1578)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	10	0.67
(6,1578)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	10	0.67
(6,1578)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	10	0.67
(6,1277)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	13	0.67
(6,1277)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	13	0.67
(6,1277)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	13	0.67
(6,1277)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	13	0.67
(6,1277)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	13	0.67
(6,1277)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	13	0.67
(6,1277)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	13	0.67
(6,1277)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	13	0.67
(6,1277)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	13	0.67
(6,1265)	1:44:A:GLU:HG2	1:45:A:ALA:HA	17	0.67
(6,1073)	1:70:A:LYS:HA	1:70:A:LYS:HE2	7	0.67
(6,1073)	1:70:A:LYS:HA	1:70:A:LYS:HE3	7	0.67
(6,985)	1:98:A:ILE:HB	1:105:A:LYS:HB2	17	0.67
(6,985)	1:98:A:ILE:HB	1:105:A:LYS:HB3	17	0.67
(6,963)	1:15:A:ALA:HB1	1:134:A:VAL:HB	6	0.67
(6,963)	1:15:A:ALA:HB2	1:134:A:VAL:HB	6	0.67
(6,963)	1:15:A:ALA:HB3	1:134:A:VAL:HB	6	0.67
(6,855)	1:18:A:PHE:HZ	1:60:A:LEU:HB2	10	0.67
(6,832)	1:48:A:ARG:HD2	1:49:A:LYS:H	12	0.67
(6,832)	1:48:A:ARG:HD3	1:49:A:LYS:H	12	0.67
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	12	0.67
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	12	0.67
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	12	0.67
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	12	0.67
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	12	0.67
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	12	0.67
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	12	0.67
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	12	0.67
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	12	0.67
(6,609)	1:14:A:VAL:HB	1:16:A:SER:H	14	0.67
(5,2435)	1:139:A:LEU:HB2	1:140:A:LEU:HD11	4	0.67
(5,2435)	1:139:A:LEU:HB2	1:140:A:LEU:HD12	4	0.67
(5,2435)	1:139:A:LEU:HB2	1:140:A:LEU:HD13	4	0.67
(5,2435)	1:139:A:LEU:HB2	1:140:A:LEU:HD21	4	0.67
(5,2435)	1:139:A:LEU:HB2	1:140:A:LEU:HD22	4	0.67
(5,2435)	1:139:A:LEU:HB2	1:140:A:LEU:HD23	4	0.67
(5,2435)	1:139:A:LEU:HB3	1:140:A:LEU:HD11	4	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2435)	1:139:A:LEU:HB3	1:140:A:LEU:HD12	4	0.67
(5,2435)	1:139:A:LEU:HB3	1:140:A:LEU:HD13	4	0.67
(5,2435)	1:139:A:LEU:HB3	1:140:A:LEU:HD21	4	0.67
(5,2435)	1:139:A:LEU:HB3	1:140:A:LEU:HD22	4	0.67
(5,2435)	1:139:A:LEU:HB3	1:140:A:LEU:HD23	4	0.67
(5,2408)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	19	0.67
(5,2408)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	19	0.67
(5,2036)	1:28:A:GLY:HA2	1:30:A:LEU:HD11	19	0.67
(5,2036)	1:28:A:GLY:HA2	1:30:A:LEU:HD12	19	0.67
(5,2036)	1:28:A:GLY:HA2	1:30:A:LEU:HD13	19	0.67
(5,2036)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	19	0.67
(5,2036)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	19	0.67
(5,2036)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	19	0.67
(5,2036)	1:28:A:GLY:HA3	1:30:A:LEU:HD11	19	0.67
(5,2036)	1:28:A:GLY:HA3	1:30:A:LEU:HD12	19	0.67
(5,2036)	1:28:A:GLY:HA3	1:30:A:LEU:HD13	19	0.67
(5,2036)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	19	0.67
(5,2036)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	19	0.67
(5,2036)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	19	0.67
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	9	0.67
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	9	0.67
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	9	0.67
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	9	0.67
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	9	0.67
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	9	0.67
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	9	0.67
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	9	0.67
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	9	0.67
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	9	0.67
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	9	0.67
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	9	0.67
(5,2015)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	13	0.67
(5,2015)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	13	0.67
(5,2015)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	13	0.67
(5,2015)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	13	0.67
(5,1914)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	3	0.67
(5,1789)	1:57:A:LEU:HG	1:60:A:LEU:HG	5	0.67
(5,1749)	1:21:A:THR:HG21	1:24:A:ASP:HB2	2	0.67
(5,1749)	1:21:A:THR:HG21	1:24:A:ASP:HB3	2	0.67
(5,1749)	1:21:A:THR:HG22	1:24:A:ASP:HB2	2	0.67
(5,1749)	1:21:A:THR:HG22	1:24:A:ASP:HB3	2	0.67
(5,1749)	1:21:A:THR:HG23	1:24:A:ASP:HB2	2	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1749)	1:21:A:THR:HG23	1:24:A:ASP:HB3	2	0.67
(5,1749)	1:21:A:THR:HG21	1:24:A:ASP:HB2	14	0.67
(5,1749)	1:21:A:THR:HG21	1:24:A:ASP:HB3	14	0.67
(5,1749)	1:21:A:THR:HG22	1:24:A:ASP:HB2	14	0.67
(5,1749)	1:21:A:THR:HG22	1:24:A:ASP:HB3	14	0.67
(5,1749)	1:21:A:THR:HG23	1:24:A:ASP:HB2	14	0.67
(5,1749)	1:21:A:THR:HG23	1:24:A:ASP:HB3	14	0.67
(5,1326)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	2	0.67
(5,1326)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	2	0.67
(5,1326)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	2	0.67
(5,1143)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	14	0.67
(5,1143)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	14	0.67
(5,1143)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	14	0.67
(5,1143)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	14	0.67
(5,1143)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	14	0.67
(5,1143)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	14	0.67
(5,1021)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	11	0.67
(5,1021)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	11	0.67
(5,945)	1:14:A:VAL:HA	1:18:A:PHE:HD1	6	0.67
(5,945)	1:14:A:VAL:HA	1:18:A:PHE:HD2	6	0.67
(5,936)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	12	0.67
(5,936)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	12	0.67
(5,782)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	7	0.67
(5,782)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	7	0.67
(5,782)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	7	0.67
(5,636)	1:59:A:CYS:H	1:60:A:LEU:HB2	2	0.67
(5,266)	1:112:A:GLN:H	1:112:A:GLN:HE21	7	0.67
(4,2445)	1:139:A:LEU:HB2	1:140:A:LEU:HD11	4	0.67
(4,2445)	1:139:A:LEU:HB2	1:140:A:LEU:HD12	4	0.67
(4,2445)	1:139:A:LEU:HB2	1:140:A:LEU:HD13	4	0.67
(4,2445)	1:139:A:LEU:HB2	1:140:A:LEU:HD21	4	0.67
(4,2445)	1:139:A:LEU:HB2	1:140:A:LEU:HD22	4	0.67
(4,2445)	1:139:A:LEU:HB2	1:140:A:LEU:HD23	4	0.67
(4,2445)	1:139:A:LEU:HB3	1:140:A:LEU:HD11	4	0.67
(4,2445)	1:139:A:LEU:HB3	1:140:A:LEU:HD12	4	0.67
(4,2445)	1:139:A:LEU:HB3	1:140:A:LEU:HD13	4	0.67
(4,2445)	1:139:A:LEU:HB3	1:140:A:LEU:HD21	4	0.67
(4,2445)	1:139:A:LEU:HB3	1:140:A:LEU:HD22	4	0.67
(4,2445)	1:139:A:LEU:HB3	1:140:A:LEU:HD23	4	0.67
(4,2335)	1:107:A:LEU:HD11	1:115:A:ALA:H	5	0.67
(4,2335)	1:107:A:LEU:HD12	1:115:A:ALA:H	5	0.67
(4,2335)	1:107:A:LEU:HD13	1:115:A:ALA:H	5	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2335)	1:107:A:LEU:HD21	1:115:A:ALA:H	5	0.67
(4,2335)	1:107:A:LEU:HD22	1:115:A:ALA:H	5	0.67
(4,2335)	1:107:A:LEU:HD23	1:115:A:ALA:H	5	0.67
(4,2126)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	11	0.67
(4,2126)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	11	0.67
(4,2126)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	11	0.67
(4,2126)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	11	0.67
(4,2126)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	11	0.67
(4,2126)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	11	0.67
(4,2126)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	11	0.67
(4,2126)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	11	0.67
(4,2126)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	11	0.67
(4,2126)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	11	0.67
(4,2126)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	11	0.67
(4,2126)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	11	0.67
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD11	7	0.67
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD12	7	0.67
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD13	7	0.67
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD21	7	0.67
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD22	7	0.67
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD23	7	0.67
(4,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	12	0.67
(4,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	12	0.67
(4,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	12	0.67
(4,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	12	0.67
(4,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	12	0.67
(4,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	12	0.67
(4,1882)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	1	0.67
(4,1882)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	1	0.67
(4,1854)	1:14:A:VAL:HA	1:18:A:PHE:HD1	12	0.67
(4,1854)	1:14:A:VAL:HA	1:18:A:PHE:HD2	12	0.67
(4,1632)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	13	0.67
(4,1632)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	13	0.67
(4,1632)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	13	0.67
(4,1632)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	13	0.67
(4,1632)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	13	0.67
(4,1632)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	13	0.67
(4,1632)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	13	0.67
(4,1632)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	13	0.67
(4,1632)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	13	0.67
(4,1560)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	10	0.67
(4,1560)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	10	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1560)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	10	0.67
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD21	10	0.67
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD22	10	0.67
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD23	10	0.67
(4,1330)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	7	0.67
(4,1330)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	7	0.67
(4,1330)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	7	0.67
(4,1230)	1:23:A:LEU:HD11	1:24:A:ASP:H	5	0.67
(4,1230)	1:23:A:LEU:HD12	1:24:A:ASP:H	5	0.67
(4,1230)	1:23:A:LEU:HD13	1:24:A:ASP:H	5	0.67
(4,1230)	1:23:A:LEU:HD11	1:24:A:ASP:H	10	0.67
(4,1230)	1:23:A:LEU:HD12	1:24:A:ASP:H	10	0.67
(4,1230)	1:23:A:LEU:HD13	1:24:A:ASP:H	10	0.67
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD11	4	0.67
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD12	4	0.67
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD13	4	0.67
(4,965)	1:15:A:ALA:HB1	1:134:A:VAL:HB	6	0.67
(4,965)	1:15:A:ALA:HB2	1:134:A:VAL:HB	6	0.67
(4,965)	1:15:A:ALA:HB3	1:134:A:VAL:HB	6	0.67
(4,864)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	4	0.67
(4,864)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	4	0.67
(4,864)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	4	0.67
(4,837)	1:48:A:ARG:HD2	1:49:A:LYS:H	12	0.67
(4,837)	1:48:A:ARG:HD3	1:49:A:LYS:H	12	0.67
(4,625)	1:59:A:CYS:H	1:60:A:LEU:HB2	2	0.67
(4,573)	1:128:A:LEU:HD21	1:130:A:GLY:H	1	0.67
(4,573)	1:128:A:LEU:HD22	1:130:A:GLY:H	1	0.67
(4,573)	1:128:A:LEU:HD23	1:130:A:GLY:H	1	0.67
(4,501)	1:70:A:LYS:HE2	1:71:A:LYS:H	15	0.67
(4,501)	1:70:A:LYS:HE3	1:71:A:LYS:H	15	0.67
(4,162)	1:95:A:ILE:H	1:95:A:ILE:HB	18	0.67
(4,48)	1:44:A:GLU:HG3	1:47:A:ALA:H	16	0.67
(4,31)	1:96:A:VAL:H	1:97:A:ASP:H	6	0.67
(3,2500)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	17	0.67
(3,2500)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	17	0.67
(3,2500)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	17	0.67
(3,2500)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	17	0.67
(3,2500)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	17	0.67
(3,2500)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	17	0.67
(3,2331)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	6	0.67
(3,2331)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	6	0.67
(3,2331)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	6	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2331)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	6	0.67
(3,2331)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	6	0.67
(3,2331)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	6	0.67
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	1	0.67
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	1	0.67
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	1	0.67
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	1	0.67
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	1	0.67
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	1	0.67
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	1	0.67
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	1	0.67
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	1	0.67
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	1	0.67
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	1	0.67
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	1	0.67
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	14	0.67
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	14	0.67
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	14	0.67
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	14	0.67
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	14	0.67
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	14	0.67
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	14	0.67
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	14	0.67
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	14	0.67
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	14	0.67
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	14	0.67
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	14	0.67
(3,2051)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	13	0.67
(3,2051)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	13	0.67
(3,2051)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	13	0.67
(3,2051)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	13	0.67
(3,1917)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	3	0.67
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD1	1	0.67
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD2	1	0.67
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD1	18	0.67
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD2	18	0.67
(3,1678)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	7	0.67
(3,1678)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	7	0.67
(3,1678)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	7	0.67
(3,1483)	1:13:A:ALA:HB1	1:61:A:SER:HA	6	0.67
(3,1483)	1:13:A:ALA:HB2	1:61:A:SER:HA	6	0.67
(3,1483)	1:13:A:ALA:HB3	1:61:A:SER:HA	6	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1302)	1:44:A:GLU:HG2	1:45:A:ALA:HA	17	0.67
(3,1107)	1:70:A:LYS:HA	1:70:A:LYS:HE2	7	0.67
(3,1107)	1:70:A:LYS:HA	1:70:A:LYS:HE3	7	0.67
(3,1033)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	11	0.67
(3,1033)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	11	0.67
(3,960)	1:67:A:PRO:HA	1:70:A:LYS:HB2	9	0.67
(3,960)	1:67:A:PRO:HA	1:70:A:LYS:HB3	9	0.67
(3,857)	1:48:A:ARG:HD2	1:49:A:LYS:H	12	0.67
(3,857)	1:48:A:ARG:HD3	1:49:A:LYS:H	12	0.67
(3,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	19	0.67
(3,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	19	0.67
(3,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	19	0.67
(3,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	19	0.67
(3,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	19	0.67
(3,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	19	0.67
(3,834)	1:98:A:ILE:HD11	1:119:A:LEU:HG	4	0.67
(3,834)	1:98:A:ILE:HD12	1:119:A:LEU:HG	4	0.67
(3,834)	1:98:A:ILE:HD13	1:119:A:LEU:HG	4	0.67
(3,821)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	11	0.67
(3,821)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	11	0.67
(3,821)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	11	0.67
(3,643)	1:59:A:CYS:H	1:60:A:LEU:HB2	2	0.67
(3,152)	1:67:A:PRO:HD3	1:95:A:ILE:H	4	0.67
(2,2464)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	17	0.67
(2,2464)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	17	0.67
(2,2464)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	17	0.67
(2,2464)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	17	0.67
(2,2464)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	17	0.67
(2,2464)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	17	0.67
(2,2463)	1:140:A:LEU:HD11	1:144:A:LEU:H	13	0.67
(2,2463)	1:140:A:LEU:HD12	1:144:A:LEU:H	13	0.67
(2,2463)	1:140:A:LEU:HD13	1:144:A:LEU:H	13	0.67
(2,2463)	1:140:A:LEU:HD21	1:144:A:LEU:H	13	0.67
(2,2463)	1:140:A:LEU:HD22	1:144:A:LEU:H	13	0.67
(2,2463)	1:140:A:LEU:HD23	1:144:A:LEU:H	13	0.67
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG11	6	0.67
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG12	6	0.67
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG13	6	0.67
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG21	6	0.67
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG22	6	0.67
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG23	6	0.67
(2,2044)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	13	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2044)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	13	0.67
(2,2044)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	13	0.67
(2,2044)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	13	0.67
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	10	0.67
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	10	0.67
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	10	0.67
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	10	0.67
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	10	0.67
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	10	0.67
(2,1854)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	3	0.67
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	2	0.67
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	2	0.67
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	2	0.67
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	2	0.67
(2,1724)	1:141:A:LYS:HA	1:145:A:PRO:HD3	5	0.67
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD11	4	0.67
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD12	4	0.67
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD13	4	0.67
(2,1036)	1:11:A:ILE:HA	1:14:A:VAL:HB	3	0.67
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD21	10	0.67
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD22	10	0.67
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD23	10	0.67
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG11	3	0.67
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG12	3	0.67
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG13	3	0.67
(2,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	5	0.67
(2,469)	1:38:A:GLU:H	1:39:A:VAL:HG21	18	0.67
(2,469)	1:38:A:GLU:H	1:39:A:VAL:HG22	18	0.67
(2,469)	1:38:A:GLU:H	1:39:A:VAL:HG23	18	0.67
(2,163)	1:95:A:ILE:H	1:95:A:ILE:HB	18	0.67
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	1	0.67
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	1	0.67
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	1	0.67
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	1	0.67
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	1	0.67
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	1	0.67
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	1	0.67
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	1	0.67
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	1	0.67
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	1	0.67
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	1	0.67
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	1	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	14	0.67
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	14	0.67
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	14	0.67
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	14	0.67
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	14	0.67
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	14	0.67
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	14	0.67
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	14	0.67
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	14	0.67
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	14	0.67
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	14	0.67
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	14	0.67
(1,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	7	0.67
(1,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	7	0.67
(1,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	7	0.67
(1,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	7	0.67
(1,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	7	0.67
(1,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	7	0.67
(1,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	7	0.67
(1,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	7	0.67
(1,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	7	0.67
(1,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	7	0.67
(1,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	7	0.67
(1,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	7	0.67
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	14	0.67
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	14	0.67
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	14	0.67
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	14	0.67
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	14	0.67
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	14	0.67
(1,2146)	1:47:A:ALA:H	1:134:A:VAL:HG11	11	0.67
(1,2146)	1:47:A:ALA:H	1:134:A:VAL:HG12	11	0.67
(1,2146)	1:47:A:ALA:H	1:134:A:VAL:HG13	11	0.67
(1,2146)	1:47:A:ALA:H	1:134:A:VAL:HG21	11	0.67
(1,2146)	1:47:A:ALA:H	1:134:A:VAL:HG22	11	0.67
(1,2146)	1:47:A:ALA:H	1:134:A:VAL:HG23	11	0.67
(1,2105)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	12	0.67
(1,2105)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	12	0.67
(1,2105)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	12	0.67
(1,2105)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	12	0.67
(1,2105)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	12	0.67
(1,2105)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	12	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2105)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	12	0.67
(1,2105)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	12	0.67
(1,2105)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	12	0.67
(1,2105)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	12	0.67
(1,2105)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	12	0.67
(1,2105)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	12	0.67
(1,2103)	1:39:A:VAL:HG11	1:43:A:MET:HB2	4	0.67
(1,2103)	1:39:A:VAL:HG12	1:43:A:MET:HB2	4	0.67
(1,2103)	1:39:A:VAL:HG13	1:43:A:MET:HB2	4	0.67
(1,2103)	1:39:A:VAL:HG21	1:43:A:MET:HB2	4	0.67
(1,2103)	1:39:A:VAL:HG22	1:43:A:MET:HB2	4	0.67
(1,2103)	1:39:A:VAL:HG23	1:43:A:MET:HB2	4	0.67
(1,2071)	1:35:A:LEU:HD11	1:143:A:TRP:HA	9	0.67
(1,2071)	1:35:A:LEU:HD12	1:143:A:TRP:HA	9	0.67
(1,2071)	1:35:A:LEU:HD13	1:143:A:TRP:HA	9	0.67
(1,2071)	1:35:A:LEU:HD21	1:143:A:TRP:HA	9	0.67
(1,2071)	1:35:A:LEU:HD22	1:143:A:TRP:HA	9	0.67
(1,2071)	1:35:A:LEU:HD23	1:143:A:TRP:HA	9	0.67
(1,2028)	1:23:A:LEU:HD11	1:27:A:ARG:HA	13	0.67
(1,2028)	1:23:A:LEU:HD12	1:27:A:ARG:HA	13	0.67
(1,2028)	1:23:A:LEU:HD13	1:27:A:ARG:HA	13	0.67
(1,2028)	1:23:A:LEU:HD21	1:27:A:ARG:HA	13	0.67
(1,2028)	1:23:A:LEU:HD22	1:27:A:ARG:HA	13	0.67
(1,2028)	1:23:A:LEU:HD23	1:27:A:ARG:HA	13	0.67
(1,1906)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	3	0.67
(1,1738)	1:21:A:THR:HG21	1:24:A:ASP:H	11	0.67
(1,1738)	1:21:A:THR:HG22	1:24:A:ASP:H	11	0.67
(1,1738)	1:21:A:THR:HG23	1:24:A:ASP:H	11	0.67
(1,1722)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	10	0.67
(1,1424)	1:73:A:ILE:HG21	1:113:A:PHE:HB3	8	0.67
(1,1424)	1:73:A:ILE:HG22	1:113:A:PHE:HB3	8	0.67
(1,1424)	1:73:A:ILE:HG23	1:113:A:PHE:HB3	8	0.67
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	16	0.67
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	16	0.67
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	16	0.67
(1,972)	1:40:A:LEU:HA	1:43:A:MET:HG2	8	0.67
(1,964)	1:67:A:PRO:HA	1:70:A:LYS:HB2	9	0.67
(1,964)	1:67:A:PRO:HA	1:70:A:LYS:HB3	9	0.67
(1,938)	1:41:A:LYS:HA	1:44:A:GLU:HG3	11	0.67
(1,821)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	11	0.67
(1,821)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	11	0.67
(1,821)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	11	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG11	3	0.67
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG12	3	0.67
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG13	3	0.67
(1,648)	1:66:A:THR:H	1:96:A:VAL:H	18	0.67
(1,642)	1:59:A:CYS:H	1:60:A:LEU:HB2	2	0.67
(1,514)	1:70:A:LYS:HE2	1:71:A:LYS:H	15	0.67
(1,514)	1:70:A:LYS:HE3	1:71:A:LYS:H	15	0.67
(1,474)	1:38:A:GLU:H	1:39:A:VAL:HG21	18	0.67
(1,474)	1:38:A:GLU:H	1:39:A:VAL:HG22	18	0.67
(1,474)	1:38:A:GLU:H	1:39:A:VAL:HG23	18	0.67
(34,2428)	1:129:A:LYS:HG2	1:130:A:GLY:H	8	0.66
(34,2428)	1:129:A:LYS:HG3	1:130:A:GLY:H	8	0.66
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD11	4	0.66
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD12	4	0.66
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD13	4	0.66
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD21	4	0.66
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD22	4	0.66
(34,2040)	1:20:A:THR:HG21	1:23:A:LEU:HD23	4	0.66
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD11	4	0.66
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD12	4	0.66
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD13	4	0.66
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD21	4	0.66
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD22	4	0.66
(34,2040)	1:20:A:THR:HG22	1:23:A:LEU:HD23	4	0.66
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD11	4	0.66
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD12	4	0.66
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD13	4	0.66
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD21	4	0.66
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD22	4	0.66
(34,2040)	1:20:A:THR:HG23	1:23:A:LEU:HD23	4	0.66
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	6	0.66
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	6	0.66
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	6	0.66
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	6	0.66
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	6	0.66
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	6	0.66
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	6	0.66
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	6	0.66
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	6	0.66
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	6	0.66
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	6	0.66
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	6	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	6	0.66
(34,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	6	0.66
(34,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	6	0.66
(34,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	6	0.66
(34,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	6	0.66
(34,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	6	0.66
(34,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	6	0.66
(34,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	6	0.66
(34,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	6	0.66
(34,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	6	0.66
(34,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	6	0.66
(34,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	6	0.66
(34,1837)	1:9:A:PHE:HZ	1:54:A:ARG:HA	6	0.66
(34,1736)	1:21:A:THR:HG21	1:23:A:LEU:HB2	8	0.66
(34,1736)	1:21:A:THR:HG21	1:23:A:LEU:HB3	8	0.66
(34,1736)	1:21:A:THR:HG22	1:23:A:LEU:HB2	8	0.66
(34,1736)	1:21:A:THR:HG22	1:23:A:LEU:HB3	8	0.66
(34,1736)	1:21:A:THR:HG23	1:23:A:LEU:HB2	8	0.66
(34,1736)	1:21:A:THR:HG23	1:23:A:LEU:HB3	8	0.66
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG21	3	0.66
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG22	3	0.66
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG23	3	0.66
(34,1477)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	1	0.66
(34,1477)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	1	0.66
(34,1477)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	1	0.66
(34,1476)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	18	0.66
(34,1476)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	18	0.66
(34,1476)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	18	0.66
(34,1476)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	18	0.66
(34,1476)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	18	0.66
(34,1476)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	18	0.66
(34,1476)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	18	0.66
(34,1476)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	18	0.66
(34,1476)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	18	0.66
(34,1385)	1:46:A:ASN:HB3	1:134:A:VAL:HG21	4	0.66
(34,1385)	1:46:A:ASN:HB3	1:134:A:VAL:HG22	4	0.66
(34,1385)	1:46:A:ASN:HB3	1:134:A:VAL:HG23	4	0.66
(34,1379)	1:118:A:ASP:HA	1:121:A:VAL:HG11	18	0.66
(34,1379)	1:118:A:ASP:HA	1:121:A:VAL:HG12	18	0.66
(34,1379)	1:118:A:ASP:HA	1:121:A:VAL:HG13	18	0.66
(34,1365)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	13	0.66
(34,1365)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	13	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1365)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	13	0.66
(34,1365)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	13	0.66
(34,1365)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	13	0.66
(34,1365)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	13	0.66
(34,1281)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	5	0.66
(34,1281)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	5	0.66
(34,1281)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	5	0.66
(34,1275)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	18	0.66
(34,1275)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	18	0.66
(34,1275)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	18	0.66
(34,1275)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	18	0.66
(34,1275)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	18	0.66
(34,1275)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	18	0.66
(34,1238)	1:69:A:MET:HE1	1:110:A:MET:HA	10	0.66
(34,1238)	1:69:A:MET:HE2	1:110:A:MET:HA	10	0.66
(34,1238)	1:69:A:MET:HE3	1:110:A:MET:HA	10	0.66
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD11	5	0.66
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD12	5	0.66
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD13	5	0.66
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD11	12	0.66
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD12	12	0.66
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD13	12	0.66
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD11	19	0.66
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD12	19	0.66
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD13	19	0.66
(34,1057)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	18	0.66
(34,1046)	1:34:A:LYS:H	1:81:A:GLU:HB3	4	0.66
(34,1041)	1:34:A:LYS:H	1:81:A:GLU:HB2	1	0.66
(34,1017)	1:63:A:ILE:HA	1:64:A:LYS:HD2	1	0.66
(34,1017)	1:63:A:ILE:HA	1:64:A:LYS:HD3	1	0.66
(34,853)	1:60:A:LEU:HB3	1:63:A:ILE:HG13	17	0.66
(34,826)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	5	0.66
(34,826)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	5	0.66
(34,826)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	5	0.66
(34,481)	1:14:A:VAL:H	1:61:A:SER:HA	17	0.66
(34,126)	1:79:A:THR:HB	1:80:A:TYR:H	8	0.66
(33,2456)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	4	0.66
(33,2456)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	4	0.66
(33,2456)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	4	0.66
(33,2456)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	4	0.66
(33,2456)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	4	0.66
(33,2456)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	4	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD11	4	0.66
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD12	4	0.66
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD13	4	0.66
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD21	4	0.66
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD22	4	0.66
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD23	4	0.66
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD11	5	0.66
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD12	5	0.66
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD13	5	0.66
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD21	5	0.66
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD22	5	0.66
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD23	5	0.66
(33,2137)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	11	0.66
(33,2137)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	11	0.66
(33,2137)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	11	0.66
(33,2137)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	11	0.66
(33,2137)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	11	0.66
(33,2137)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	11	0.66
(33,2137)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	11	0.66
(33,2137)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	11	0.66
(33,2137)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	11	0.66
(33,2137)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	11	0.66
(33,2137)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	11	0.66
(33,2137)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	11	0.66
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	13	0.66
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	13	0.66
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	13	0.66
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	13	0.66
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	13	0.66
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	13	0.66
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	13	0.66
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	13	0.66
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	13	0.66
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	13	0.66
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	13	0.66
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	13	0.66
(33,1862)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	13	0.66
(33,1862)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	13	0.66
(33,1717)	1:21:A:THR:HG21	1:23:A:LEU:HB2	8	0.66
(33,1717)	1:21:A:THR:HG21	1:23:A:LEU:HB3	8	0.66
(33,1717)	1:21:A:THR:HG22	1:23:A:LEU:HB2	8	0.66
(33,1717)	1:21:A:THR:HG22	1:23:A:LEU:HB3	8	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1717)	1:21:A:THR:HG23	1:23:A:LEU:HB2	8	0.66
(33,1717)	1:21:A:THR:HG23	1:23:A:LEU:HB3	8	0.66
(33,1573)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	7	0.66
(33,1573)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	7	0.66
(33,1573)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	7	0.66
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	6	0.66
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	6	0.66
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	6	0.66
(33,1309)	1:66:A:THR:HG21	1:96:A:VAL:HB	18	0.66
(33,1309)	1:66:A:THR:HG22	1:96:A:VAL:HB	18	0.66
(33,1309)	1:66:A:THR:HG23	1:96:A:VAL:HB	18	0.66
(33,1083)	1:48:A:ARG:HG2	1:49:A:LYS:HA	4	0.66
(33,1083)	1:48:A:ARG:HG3	1:49:A:LYS:HA	4	0.66
(33,711)	1:44:A:GLU:HB2	1:48:A:ARG:HE	15	0.66
(33,711)	1:44:A:GLU:HB3	1:48:A:ARG:HE	15	0.66
(33,635)	1:59:A:CYS:H	1:60:A:LEU:HB2	14	0.66
(33,121)	1:79:A:THR:HB	1:80:A:TYR:H	8	0.66
(33,60)	1:98:A:ILE:H	1:98:A:ILE:HG12	6	0.66
(32,2290)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	12	0.66
(32,2290)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	12	0.66
(32,2290)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	12	0.66
(32,2290)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	12	0.66
(32,2290)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	12	0.66
(32,2290)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	12	0.66
(32,2290)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	12	0.66
(32,2290)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	12	0.66
(32,2290)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	12	0.66
(32,2290)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	12	0.66
(32,2290)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	12	0.66
(32,2290)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	12	0.66
(32,2173)	1:54:A:ARG:HA	1:57:A:LEU:HD11	13	0.66
(32,2173)	1:54:A:ARG:HA	1:57:A:LEU:HD12	13	0.66
(32,2173)	1:54:A:ARG:HA	1:57:A:LEU:HD13	13	0.66
(32,2173)	1:54:A:ARG:HA	1:57:A:LEU:HD21	13	0.66
(32,2173)	1:54:A:ARG:HA	1:57:A:LEU:HD22	13	0.66
(32,2173)	1:54:A:ARG:HA	1:57:A:LEU:HD23	13	0.66
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD11	4	0.66
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD12	4	0.66
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD13	4	0.66
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD21	4	0.66
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD22	4	0.66
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD23	4	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD11	5	0.66
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD12	5	0.66
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD13	5	0.66
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD21	5	0.66
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD22	5	0.66
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD23	5	0.66
(32,2161)	1:47:A:ALA:H	1:131:A:LEU:HD11	10	0.66
(32,2161)	1:47:A:ALA:H	1:131:A:LEU:HD12	10	0.66
(32,2161)	1:47:A:ALA:H	1:131:A:LEU:HD13	10	0.66
(32,2161)	1:47:A:ALA:H	1:131:A:LEU:HD21	10	0.66
(32,2161)	1:47:A:ALA:H	1:131:A:LEU:HD22	10	0.66
(32,2161)	1:47:A:ALA:H	1:131:A:LEU:HD23	10	0.66
(32,2144)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	9	0.66
(32,2144)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	9	0.66
(32,2144)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	9	0.66
(32,2144)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	9	0.66
(32,2144)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	9	0.66
(32,2144)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	9	0.66
(32,2131)	1:43:A:MET:HG2	1:134:A:VAL:HG11	13	0.66
(32,2131)	1:43:A:MET:HG2	1:134:A:VAL:HG12	13	0.66
(32,2131)	1:43:A:MET:HG2	1:134:A:VAL:HG13	13	0.66
(32,2131)	1:43:A:MET:HG2	1:134:A:VAL:HG21	13	0.66
(32,2131)	1:43:A:MET:HG2	1:134:A:VAL:HG22	13	0.66
(32,2131)	1:43:A:MET:HG2	1:134:A:VAL:HG23	13	0.66
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD11	12	0.66
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD12	12	0.66
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD13	12	0.66
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD21	12	0.66
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD22	12	0.66
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD23	12	0.66
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD11	12	0.66
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD12	12	0.66
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD13	12	0.66
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD21	12	0.66
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD22	12	0.66
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD23	12	0.66
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	7	0.66
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	7	0.66
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	7	0.66
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	7	0.66
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	7	0.66
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	7	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	7	0.66
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	7	0.66
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	7	0.66
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	7	0.66
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	7	0.66
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	7	0.66
(32,1833)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	17	0.66
(32,1833)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	17	0.66
(32,1789)	1:9:A:PHE:HZ	1:54:A:ARG:HA	6	0.66
(32,1684)	1:21:A:THR:HG21	1:23:A:LEU:HB2	8	0.66
(32,1684)	1:21:A:THR:HG21	1:23:A:LEU:HB3	8	0.66
(32,1684)	1:21:A:THR:HG22	1:23:A:LEU:HB2	8	0.66
(32,1684)	1:21:A:THR:HG22	1:23:A:LEU:HB3	8	0.66
(32,1684)	1:21:A:THR:HG23	1:23:A:LEU:HB2	8	0.66
(32,1684)	1:21:A:THR:HG23	1:23:A:LEU:HB3	8	0.66
(32,881)	1:17:A:ASN:HB2	1:18:A:PHE:HD1	19	0.66
(32,881)	1:17:A:ASN:HB2	1:18:A:PHE:HD2	19	0.66
(32,799)	1:98:A:ILE:HD11	1:101:A:ILE:HB	11	0.66
(32,799)	1:98:A:ILE:HD12	1:101:A:ILE:HB	11	0.66
(32,799)	1:98:A:ILE:HD13	1:101:A:ILE:HB	11	0.66
(32,693)	1:44:A:GLU:HB2	1:48:A:ARG:HE	15	0.66
(32,693)	1:44:A:GLU:HB3	1:48:A:ARG:HE	15	0.66
(32,622)	1:59:A:CYS:H	1:60:A:LEU:HB2	14	0.66
(32,302)	1:43:A:MET:H	1:140:A:LEU:HD11	9	0.66
(32,302)	1:43:A:MET:H	1:140:A:LEU:HD12	9	0.66
(32,302)	1:43:A:MET:H	1:140:A:LEU:HD13	9	0.66
(32,192)	1:101:A:ILE:H	1:104:A:PHE:HD1	9	0.66
(32,192)	1:101:A:ILE:H	1:104:A:PHE:HD2	9	0.66
(32,120)	1:79:A:THR:HB	1:80:A:TYR:H	8	0.66
(32,66)	1:63:A:ILE:HG21	1:117:A:VAL:H	11	0.66
(32,66)	1:63:A:ILE:HG22	1:117:A:VAL:H	11	0.66
(32,66)	1:63:A:ILE:HG23	1:117:A:VAL:H	11	0.66
(30,2457)	1:140:A:LEU:HD11	1:144:A:LEU:H	17	0.66
(30,2457)	1:140:A:LEU:HD12	1:144:A:LEU:H	17	0.66
(30,2457)	1:140:A:LEU:HD13	1:144:A:LEU:H	17	0.66
(30,2457)	1:140:A:LEU:HD21	1:144:A:LEU:H	17	0.66
(30,2457)	1:140:A:LEU:HD22	1:144:A:LEU:H	17	0.66
(30,2457)	1:140:A:LEU:HD23	1:144:A:LEU:H	17	0.66
(30,2370)	1:115:A:ALA:H	1:116:A:GLN:HE21	6	0.66
(30,2370)	1:115:A:ALA:H	1:116:A:GLN:HE22	6	0.66
(30,2134)	1:39:A:VAL:HG11	1:144:A:LEU:H	16	0.66
(30,2134)	1:39:A:VAL:HG12	1:144:A:LEU:H	16	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2134)	1:39:A:VAL:HG13	1:144:A:LEU:H	16	0.66
(30,2134)	1:39:A:VAL:HG21	1:144:A:LEU:H	16	0.66
(30,2134)	1:39:A:VAL:HG22	1:144:A:LEU:H	16	0.66
(30,2134)	1:39:A:VAL:HG23	1:144:A:LEU:H	16	0.66
(30,2082)	1:35:A:LEU:HD11	1:143:A:TRP:HA	19	0.66
(30,2082)	1:35:A:LEU:HD12	1:143:A:TRP:HA	19	0.66
(30,2082)	1:35:A:LEU:HD13	1:143:A:TRP:HA	19	0.66
(30,2082)	1:35:A:LEU:HD21	1:143:A:TRP:HA	19	0.66
(30,2082)	1:35:A:LEU:HD22	1:143:A:TRP:HA	19	0.66
(30,2082)	1:35:A:LEU:HD23	1:143:A:TRP:HA	19	0.66
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE1	12	0.66
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE2	12	0.66
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE3	12	0.66
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE1	12	0.66
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE2	12	0.66
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE3	12	0.66
(30,1896)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	19	0.66
(30,1896)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	19	0.66
(30,1896)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	19	0.66
(30,1896)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	19	0.66
(30,1896)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	19	0.66
(30,1896)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	19	0.66
(30,1895)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	16	0.66
(30,1895)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	16	0.66
(30,1895)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	16	0.66
(30,1895)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	16	0.66
(30,1895)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	16	0.66
(30,1895)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	16	0.66
(30,1867)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	13	0.66
(30,1867)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	13	0.66
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE1	18	0.66
(30,1849)	1:33:A:LYS:HB2	1:80:A:TYR:HE2	18	0.66
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE1	18	0.66
(30,1849)	1:33:A:LYS:HB3	1:80:A:TYR:HE2	18	0.66
(30,1732)	1:21:A:THR:HG21	1:23:A:LEU:HB2	8	0.66
(30,1732)	1:21:A:THR:HG21	1:23:A:LEU:HB3	8	0.66
(30,1732)	1:21:A:THR:HG22	1:23:A:LEU:HB2	8	0.66
(30,1732)	1:21:A:THR:HG22	1:23:A:LEU:HB3	8	0.66
(30,1732)	1:21:A:THR:HG23	1:23:A:LEU:HB2	8	0.66
(30,1732)	1:21:A:THR:HG23	1:23:A:LEU:HB3	8	0.66
(30,1657)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	12	0.66
(30,1657)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	12	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1657)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	12	0.66
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	6	0.66
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	6	0.66
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	6	0.66
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	7	0.66
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	7	0.66
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	7	0.66
(30,1299)	1:66:A:THR:HG21	1:96:A:VAL:HB	18	0.66
(30,1299)	1:66:A:THR:HG22	1:96:A:VAL:HB	18	0.66
(30,1299)	1:66:A:THR:HG23	1:96:A:VAL:HB	18	0.66
(30,1113)	1:143:A:TRP:HA	1:143:A:TRP:HE3	9	0.66
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB1	16	0.66
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB2	16	0.66
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB3	16	0.66
(30,922)	1:34:A:LYS:H	1:81:A:GLU:HG2	16	0.66
(30,922)	1:34:A:LYS:H	1:81:A:GLU:HG3	16	0.66
(30,876)	1:117:A:VAL:HG11	1:118:A:ASP:HB2	2	0.66
(30,876)	1:117:A:VAL:HG12	1:118:A:ASP:HB2	2	0.66
(30,876)	1:117:A:VAL:HG13	1:118:A:ASP:HB2	2	0.66
(30,836)	1:103:A:ARG:HA	1:103:A:ARG:HD2	19	0.66
(30,836)	1:103:A:ARG:HA	1:103:A:ARG:HD3	19	0.66
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	18	0.66
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	18	0.66
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	18	0.66
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	18	0.66
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	18	0.66
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	18	0.66
(30,816)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	5	0.66
(30,816)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	5	0.66
(30,816)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	5	0.66
(30,679)	1:133:A:ASN:H	1:134:A:VAL:HG21	6	0.66
(30,679)	1:133:A:ASN:H	1:134:A:VAL:HG22	6	0.66
(30,679)	1:133:A:ASN:H	1:134:A:VAL:HG23	6	0.66
(30,634)	1:59:A:CYS:H	1:60:A:LEU:HB2	14	0.66
(30,62)	1:80:A:TYR:HA	1:81:A:GLU:H	17	0.66
(30,62)	1:80:A:TYR:HA	1:81:A:GLU:H	18	0.66
(30,52)	1:98:A:ILE:H	1:98:A:ILE:HG12	6	0.66
(29,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	12	0.66
(29,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	12	0.66
(29,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	12	0.66
(29,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	12	0.66
(29,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	12	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	12	0.66
(29,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	12	0.66
(29,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	12	0.66
(29,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	12	0.66
(29,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	12	0.66
(29,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	12	0.66
(29,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	12	0.66
(29,2143)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	11	0.66
(29,2143)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	11	0.66
(29,2143)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	11	0.66
(29,2143)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	11	0.66
(29,2143)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	11	0.66
(29,2143)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	11	0.66
(29,2143)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	11	0.66
(29,2143)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	11	0.66
(29,2143)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	11	0.66
(29,2143)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	11	0.66
(29,2143)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	11	0.66
(29,2143)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	11	0.66
(29,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	6	0.66
(29,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	6	0.66
(29,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	6	0.66
(29,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	6	0.66
(29,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	6	0.66
(29,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	6	0.66
(29,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	6	0.66
(29,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	6	0.66
(29,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	6	0.66
(29,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	6	0.66
(29,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	6	0.66
(29,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	6	0.66
(29,1912)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	16	0.66
(29,1912)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	16	0.66
(29,1912)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	16	0.66
(29,1912)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	16	0.66
(29,1912)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	16	0.66
(29,1912)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	16	0.66
(29,1747)	1:21:A:THR:HG21	1:23:A:LEU:HB2	8	0.66
(29,1747)	1:21:A:THR:HG21	1:23:A:LEU:HB3	8	0.66
(29,1747)	1:21:A:THR:HG22	1:23:A:LEU:HB2	8	0.66
(29,1747)	1:21:A:THR:HG22	1:23:A:LEU:HB3	8	0.66
(29,1747)	1:21:A:THR:HG23	1:23:A:LEU:HB2	8	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1747)	1:21:A:THR:HG23	1:23:A:LEU:HB3	8	0.66
(29,1713)	1:52:A:CYS:HA	1:124:A:THR:HB	13	0.66
(29,1680)	1:69:A:MET:HE1	1:116:A:GLN:HG3	13	0.66
(29,1680)	1:69:A:MET:HE2	1:116:A:GLN:HG3	13	0.66
(29,1680)	1:69:A:MET:HE3	1:116:A:GLN:HG3	13	0.66
(29,1598)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	7	0.66
(29,1598)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	7	0.66
(29,1598)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	7	0.66
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE1	1	0.66
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE2	1	0.66
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE3	1	0.66
(29,1219)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	15	0.66
(29,1219)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	15	0.66
(29,1219)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	15	0.66
(29,1208)	1:100:A:ALA:HA	1:119:A:LEU:HD21	8	0.66
(29,1208)	1:100:A:ALA:HA	1:119:A:LEU:HD22	8	0.66
(29,1208)	1:100:A:ALA:HA	1:119:A:LEU:HD23	8	0.66
(29,1133)	1:143:A:TRP:HA	1:143:A:TRP:HE3	9	0.66
(29,1004)	1:63:A:ILE:HA	1:64:A:LYS:HD2	1	0.66
(29,1004)	1:63:A:ILE:HA	1:64:A:LYS:HD3	1	0.66
(29,824)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	10	0.66
(29,824)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	10	0.66
(29,824)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	10	0.66
(29,816)	1:55:A:GLY:H	1:58:A:ILE:HD11	17	0.66
(29,816)	1:55:A:GLY:H	1:58:A:ILE:HD12	17	0.66
(29,816)	1:55:A:GLY:H	1:58:A:ILE:HD13	17	0.66
(29,773)	1:37:A:LEU:H	1:40:A:LEU:HB3	8	0.66
(29,687)	1:133:A:ASN:H	1:134:A:VAL:HG21	6	0.66
(29,687)	1:133:A:ASN:H	1:134:A:VAL:HG22	6	0.66
(29,687)	1:133:A:ASN:H	1:134:A:VAL:HG23	6	0.66
(29,641)	1:59:A:CYS:H	1:60:A:LEU:HB2	14	0.66
(29,623)	1:26:A:ASP:H	1:30:A:LEU:HD11	1	0.66
(29,623)	1:26:A:ASP:H	1:30:A:LEU:HD12	1	0.66
(29,623)	1:26:A:ASP:H	1:30:A:LEU:HD13	1	0.66
(29,623)	1:26:A:ASP:H	1:30:A:LEU:HD21	1	0.66
(29,623)	1:26:A:ASP:H	1:30:A:LEU:HD22	1	0.66
(29,623)	1:26:A:ASP:H	1:30:A:LEU:HD23	1	0.66
(29,206)	1:101:A:ILE:H	1:104:A:PHE:HD1	9	0.66
(29,206)	1:101:A:ILE:H	1:104:A:PHE:HD2	9	0.66
(29,196)	1:44:A:GLU:H	1:44:A:GLU:HG2	11	0.66
(29,127)	1:79:A:THR:HB	1:80:A:TYR:H	8	0.66
(29,57)	1:98:A:ILE:H	1:98:A:ILE:HG12	6	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(23,19)	1:120:A:CYS:N	1:116:A:GLN:O	4	0.66
(23,19)	1:120:A:CYS:N	1:116:A:GLN:O	5	0.66
(23,19)	1:120:A:CYS:N	1:116:A:GLN:O	14	0.66
(23,15)	1:116:A:GLN:N	1:112:A:GLN:O	9	0.66
(23,15)	1:116:A:GLN:N	1:112:A:GLN:O	10	0.66
(23,15)	1:116:A:GLN:N	1:112:A:GLN:O	14	0.66
(23,10)	1:101:A:ILE:N	1:98:A:ILE:O	2	0.66
(23,10)	1:101:A:ILE:N	1:98:A:ILE:O	9	0.66
(23,10)	1:101:A:ILE:N	1:98:A:ILE:O	10	0.66
(23,10)	1:101:A:ILE:N	1:98:A:ILE:O	18	0.66
(22,34)	1:118:A:ASP:N	1:114:A:ILE:C	13	0.66
(22,11)	1:59:A:CYS:H	1:55:A:GLY:C	11	0.66
(22,10)	1:58:A:ILE:N	1:54:A:ARG:C	8	0.66
(22,1)	1:17:A:ASN:H	1:13:A:ALA:C	13	0.66
(19,15)	1:52:A:CYS:SG	1:127:A:CYS:CB	7	0.66
(19,5)	1:123:A:CYS:SG	1:127:A:CYS:CB	8	0.66
(18,2281)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	12	0.66
(18,2281)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	12	0.66
(18,2281)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	12	0.66
(18,2281)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	12	0.66
(18,2281)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	12	0.66
(18,2281)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	12	0.66
(18,2281)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	12	0.66
(18,2281)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	12	0.66
(18,2281)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	12	0.66
(18,2281)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	12	0.66
(18,2281)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	12	0.66
(18,2281)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	12	0.66
(18,2173)	1:47:A:ALA:H	1:131:A:LEU:HD11	10	0.66
(18,2173)	1:47:A:ALA:H	1:131:A:LEU:HD12	10	0.66
(18,2173)	1:47:A:ALA:H	1:131:A:LEU:HD13	10	0.66
(18,2173)	1:47:A:ALA:H	1:131:A:LEU:HD21	10	0.66
(18,2173)	1:47:A:ALA:H	1:131:A:LEU:HD22	10	0.66
(18,2173)	1:47:A:ALA:H	1:131:A:LEU:HD23	10	0.66
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD11	2	0.66
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD12	2	0.66
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD13	2	0.66
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD21	2	0.66
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD22	2	0.66
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD23	2	0.66
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	2	0.66
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	2	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	2	0.66
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	2	0.66
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	2	0.66
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	2	0.66
(18,2153)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	9	0.66
(18,2153)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	9	0.66
(18,2153)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	9	0.66
(18,2153)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	9	0.66
(18,2153)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	9	0.66
(18,2153)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	9	0.66
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD11	6	0.66
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD12	6	0.66
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD13	6	0.66
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD21	6	0.66
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD22	6	0.66
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD23	6	0.66
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD11	15	0.66
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD12	15	0.66
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD13	15	0.66
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD21	15	0.66
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD22	15	0.66
(18,2058)	1:31:A:PRO:HD3	1:140:A:LEU:HD23	15	0.66
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD11	4	0.66
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD12	4	0.66
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD13	4	0.66
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD21	4	0.66
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD22	4	0.66
(18,2030)	1:20:A:THR:HG21	1:23:A:LEU:HD23	4	0.66
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD11	4	0.66
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD12	4	0.66
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD13	4	0.66
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD21	4	0.66
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD22	4	0.66
(18,2030)	1:20:A:THR:HG22	1:23:A:LEU:HD23	4	0.66
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD11	4	0.66
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD12	4	0.66
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD13	4	0.66
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD21	4	0.66
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD22	4	0.66
(18,2030)	1:20:A:THR:HG23	1:23:A:LEU:HD23	4	0.66
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	6	0.66
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	6	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	6	0.66
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	6	0.66
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	6	0.66
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	6	0.66
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	6	0.66
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	6	0.66
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	6	0.66
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	6	0.66
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	6	0.66
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	6	0.66
(18,1970)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	6	0.66
(18,1970)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	6	0.66
(18,1970)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	6	0.66
(18,1970)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	6	0.66
(18,1970)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	6	0.66
(18,1970)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	6	0.66
(18,1970)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	6	0.66
(18,1970)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	6	0.66
(18,1970)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	6	0.66
(18,1970)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	6	0.66
(18,1970)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	6	0.66
(18,1970)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	6	0.66
(18,1923)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	16	0.66
(18,1923)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	16	0.66
(18,1923)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	16	0.66
(18,1923)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	16	0.66
(18,1893)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	10	0.66
(18,1893)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	10	0.66
(18,1893)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	10	0.66
(18,1893)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	10	0.66
(18,1886)	1:18:A:PHE:HE1	1:128:A:LEU:HG	14	0.66
(18,1886)	1:18:A:PHE:HE2	1:128:A:LEU:HG	14	0.66
(18,1883)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	16	0.66
(18,1883)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	16	0.66
(18,1883)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	16	0.66
(18,1883)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	16	0.66
(18,1883)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	16	0.66
(18,1883)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	16	0.66
(18,1812)	1:9:A:PHE:HZ	1:54:A:ARG:HA	6	0.66
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	2	0.66
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	2	0.66
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	2	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	7	0.66
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	7	0.66
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	7	0.66
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	7	0.66
(18,1711)	1:21:A:THR:HG21	1:23:A:LEU:HB2	8	0.66
(18,1711)	1:21:A:THR:HG21	1:23:A:LEU:HB3	8	0.66
(18,1711)	1:21:A:THR:HG22	1:23:A:LEU:HB2	8	0.66
(18,1711)	1:21:A:THR:HG22	1:23:A:LEU:HB3	8	0.66
(18,1711)	1:21:A:THR:HG23	1:23:A:LEU:HB2	8	0.66
(18,1711)	1:21:A:THR:HG23	1:23:A:LEU:HB3	8	0.66
(18,1634)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	8	0.66
(18,1634)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	8	0.66
(18,1634)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	8	0.66
(18,1634)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	8	0.66
(18,1634)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	8	0.66
(18,1634)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	8	0.66
(18,1570)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	7	0.66
(18,1570)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	7	0.66
(18,1570)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	7	0.66
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB1	16	0.66
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB2	16	0.66
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB3	16	0.66
(18,1002)	1:63:A:ILE:HA	1:64:A:LYS:HD2	1	0.66
(18,1002)	1:63:A:ILE:HA	1:64:A:LYS:HD3	1	0.66
(18,899)	1:113:A:PHE:HB2	1:114:A:ILE:HD11	6	0.66
(18,899)	1:113:A:PHE:HB2	1:114:A:ILE:HD12	6	0.66
(18,899)	1:113:A:PHE:HB2	1:114:A:ILE:HD13	6	0.66
(18,820)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	10	0.66
(18,820)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	10	0.66
(18,820)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	10	0.66
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	4	0.66
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	4	0.66
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	4	0.66
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	11	0.66
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	11	0.66
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	11	0.66
(18,725)	1:44:A:GLU:HB2	1:48:A:ARG:HE	15	0.66
(18,725)	1:44:A:GLU:HB3	1:48:A:ARG:HE	15	0.66
(18,647)	1:59:A:CYS:H	1:60:A:LEU:HB2	14	0.66
(18,407)	1:105:A:LYS:HG3	1:106:A:ASP:H	3	0.66
(18,207)	1:101:A:ILE:H	1:104:A:PHE:HD1	9	0.66
(18,207)	1:101:A:ILE:H	1:104:A:PHE:HD2	9	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,73)	1:13:A:ALA:HB1	1:81:A:GLU:H	17	0.66
(18,73)	1:13:A:ALA:HB2	1:81:A:GLU:H	17	0.66
(18,73)	1:13:A:ALA:HB3	1:81:A:GLU:H	17	0.66
(18,58)	1:98:A:ILE:H	1:98:A:ILE:HG12	6	0.66
(17,2297)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	11	0.66
(17,2297)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	11	0.66
(17,2297)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	11	0.66
(17,2297)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	11	0.66
(17,2297)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	11	0.66
(17,2297)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	11	0.66
(17,2297)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	11	0.66
(17,2297)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	11	0.66
(17,2297)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	11	0.66
(17,2297)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	11	0.66
(17,2297)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	11	0.66
(17,2297)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	11	0.66
(17,2075)	1:31:A:PRO:HD2	1:144:A:LEU:HA	13	0.66
(17,2075)	1:31:A:PRO:HD3	1:144:A:LEU:HA	13	0.66
(17,1918)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	10	0.66
(17,1918)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	10	0.66
(17,1918)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	10	0.66
(17,1918)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	10	0.66
(17,1910)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	16	0.66
(17,1910)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	16	0.66
(17,1910)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	16	0.66
(17,1910)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	16	0.66
(17,1910)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	16	0.66
(17,1910)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	16	0.66
(17,1883)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	17	0.66
(17,1883)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	17	0.66
(17,1881)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	13	0.66
(17,1881)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	13	0.66
(17,1740)	1:21:A:THR:HG21	1:23:A:LEU:HB2	8	0.66
(17,1740)	1:21:A:THR:HG21	1:23:A:LEU:HB3	8	0.66
(17,1740)	1:21:A:THR:HG22	1:23:A:LEU:HB2	8	0.66
(17,1740)	1:21:A:THR:HG22	1:23:A:LEU:HB3	8	0.66
(17,1740)	1:21:A:THR:HG23	1:23:A:LEU:HB2	8	0.66
(17,1740)	1:21:A:THR:HG23	1:23:A:LEU:HB3	8	0.66
(17,1382)	1:46:A:ASN:HB3	1:134:A:VAL:HG21	4	0.66
(17,1382)	1:46:A:ASN:HB3	1:134:A:VAL:HG22	4	0.66
(17,1382)	1:46:A:ASN:HB3	1:134:A:VAL:HG23	4	0.66
(17,1217)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	11	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1217)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	11	0.66
(17,1217)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	11	0.66
(17,1217)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	11	0.66
(17,1217)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	11	0.66
(17,1217)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	11	0.66
(17,1092)	1:45:A:ALA:HA	1:48:A:ARG:HG2	12	0.66
(17,1092)	1:45:A:ALA:HA	1:48:A:ARG:HG3	12	0.66
(17,931)	1:125:A:THR:HB	1:128:A:LEU:HG	10	0.66
(17,817)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	10	0.66
(17,817)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	10	0.66
(17,817)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	10	0.66
(17,636)	1:59:A:CYS:H	1:60:A:LEU:HB2	14	0.66
(17,123)	1:79:A:THR:HB	1:80:A:TYR:H	8	0.66
(17,53)	1:98:A:ILE:H	1:98:A:ILE:HG12	6	0.66
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	18	0.66
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	18	0.66
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	18	0.66
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	18	0.66
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	18	0.66
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	18	0.66
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	18	0.66
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	18	0.66
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	18	0.66
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	18	0.66
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	18	0.66
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	18	0.66
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD11	4	0.66
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD12	4	0.66
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD13	4	0.66
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD21	4	0.66
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD22	4	0.66
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD23	4	0.66
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD11	5	0.66
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD12	5	0.66
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD13	5	0.66
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD21	5	0.66
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD22	5	0.66
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD23	5	0.66
(16,2159)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	9	0.66
(16,2159)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	9	0.66
(16,2159)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	9	0.66
(16,2159)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	9	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2159)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	9	0.66
(16,2159)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	9	0.66
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	6	0.66
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	6	0.66
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	6	0.66
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	6	0.66
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	6	0.66
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	6	0.66
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	6	0.66
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	6	0.66
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	6	0.66
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	6	0.66
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	6	0.66
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	6	0.66
(16,1887)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	10	0.66
(16,1887)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	10	0.66
(16,1887)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	10	0.66
(16,1887)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	10	0.66
(16,1879)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	16	0.66
(16,1879)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	16	0.66
(16,1879)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	16	0.66
(16,1879)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	16	0.66
(16,1879)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	16	0.66
(16,1879)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	16	0.66
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	2	0.66
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	2	0.66
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	2	0.66
(16,1721)	1:21:A:THR:HG21	1:23:A:LEU:HB2	8	0.66
(16,1721)	1:21:A:THR:HG21	1:23:A:LEU:HB3	8	0.66
(16,1721)	1:21:A:THR:HG22	1:23:A:LEU:HB2	8	0.66
(16,1721)	1:21:A:THR:HG22	1:23:A:LEU:HB3	8	0.66
(16,1721)	1:21:A:THR:HG23	1:23:A:LEU:HB2	8	0.66
(16,1721)	1:21:A:THR:HG23	1:23:A:LEU:HB3	8	0.66
(16,1638)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	8	0.66
(16,1638)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	8	0.66
(16,1638)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	8	0.66
(16,1638)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	8	0.66
(16,1638)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	8	0.66
(16,1638)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	8	0.66
(16,1638)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	8	0.66
(16,1638)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	8	0.66
(16,1638)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	8	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD11	15	0.66
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD12	15	0.66
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD13	15	0.66
(16,1544)	1:46:A:ASN:HB2	1:134:A:VAL:H	9	0.66
(16,1132)	1:143:A:TRP:HA	1:143:A:TRP:HE3	9	0.66
(16,968)	1:39:A:VAL:HA	1:43:A:MET:HG2	18	0.66
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	18	0.66
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	18	0.66
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	18	0.66
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	18	0.66
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	18	0.66
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	18	0.66
(16,688)	1:133:A:ASN:H	1:134:A:VAL:HG21	6	0.66
(16,688)	1:133:A:ASN:H	1:134:A:VAL:HG22	6	0.66
(16,688)	1:133:A:ASN:H	1:134:A:VAL:HG23	6	0.66
(16,639)	1:59:A:CYS:H	1:60:A:LEU:HB2	14	0.66
(16,52)	1:98:A:ILE:H	1:98:A:ILE:HG12	6	0.66
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD11	4	0.66
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD12	4	0.66
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD13	4	0.66
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD21	4	0.66
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD22	4	0.66
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD23	4	0.66
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD11	5	0.66
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD12	5	0.66
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD13	5	0.66
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD21	5	0.66
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD22	5	0.66
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD23	5	0.66
(15,2129)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	9	0.66
(15,2129)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	9	0.66
(15,2129)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	9	0.66
(15,2129)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	9	0.66
(15,2129)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	9	0.66
(15,2129)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	9	0.66
(15,2034)	1:31:A:PRO:HD2	1:144:A:LEU:HA	13	0.66
(15,2034)	1:31:A:PRO:HD3	1:144:A:LEU:HA	13	0.66
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD11	12	0.66
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD12	12	0.66
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD13	12	0.66
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD21	12	0.66
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD22	12	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD23	12	0.66
(15,1850)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	17	0.66
(15,1850)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	17	0.66
(15,1808)	1:9:A:PHE:HZ	1:54:A:ARG:HA	6	0.66
(15,1716)	1:21:A:THR:HG21	1:23:A:LEU:HB2	8	0.66
(15,1716)	1:21:A:THR:HG21	1:23:A:LEU:HB3	8	0.66
(15,1716)	1:21:A:THR:HG22	1:23:A:LEU:HB2	8	0.66
(15,1716)	1:21:A:THR:HG22	1:23:A:LEU:HB3	8	0.66
(15,1716)	1:21:A:THR:HG23	1:23:A:LEU:HB2	8	0.66
(15,1716)	1:21:A:THR:HG23	1:23:A:LEU:HB3	8	0.66
(15,1578)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	7	0.66
(15,1578)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	7	0.66
(15,1578)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	7	0.66
(15,1304)	1:66:A:THR:HG21	1:96:A:VAL:HB	18	0.66
(15,1304)	1:66:A:THR:HG22	1:96:A:VAL:HB	18	0.66
(15,1304)	1:66:A:THR:HG23	1:96:A:VAL:HB	18	0.66
(15,1212)	1:69:A:MET:HE1	1:110:A:MET:HA	10	0.66
(15,1212)	1:69:A:MET:HE2	1:110:A:MET:HA	10	0.66
(15,1212)	1:69:A:MET:HE3	1:110:A:MET:HA	10	0.66
(15,956)	1:74:A:PRO:HA	1:77:A:CYS:HB2	11	0.66
(15,820)	1:98:A:ILE:HD11	1:101:A:ILE:HB	14	0.66
(15,820)	1:98:A:ILE:HD12	1:101:A:ILE:HB	14	0.66
(15,820)	1:98:A:ILE:HD13	1:101:A:ILE:HB	14	0.66
(15,642)	1:59:A:CYS:H	1:60:A:LEU:HB2	14	0.66
(15,317)	1:43:A:MET:H	1:140:A:LEU:HD11	9	0.66
(15,317)	1:43:A:MET:H	1:140:A:LEU:HD12	9	0.66
(15,317)	1:43:A:MET:H	1:140:A:LEU:HD13	9	0.66
(15,206)	1:101:A:ILE:H	1:104:A:PHE:HD1	9	0.66
(15,206)	1:101:A:ILE:H	1:104:A:PHE:HD2	9	0.66
(15,72)	1:13:A:ALA:HB1	1:81:A:GLU:H	17	0.66
(15,72)	1:13:A:ALA:HB2	1:81:A:GLU:H	17	0.66
(15,72)	1:13:A:ALA:HB3	1:81:A:GLU:H	17	0.66
(15,66)	1:80:A:TYR:HA	1:81:A:GLU:H	17	0.66
(15,66)	1:80:A:TYR:HA	1:81:A:GLU:H	18	0.66
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE21	5	0.66
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE22	5	0.66
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE21	5	0.66
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE22	5	0.66
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE21	10	0.66
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE22	10	0.66
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE21	10	0.66
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE22	10	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD11	4	0.66
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD12	4	0.66
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD13	4	0.66
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD21	4	0.66
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD22	4	0.66
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD23	4	0.66
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD11	5	0.66
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD12	5	0.66
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD13	5	0.66
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD21	5	0.66
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD22	5	0.66
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD23	5	0.66
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD11	15	0.66
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD12	15	0.66
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD13	15	0.66
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD21	15	0.66
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD22	15	0.66
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD23	15	0.66
(13,2083)	1:41:A:LYS:H	1:44:A:GLU:HG2	4	0.66
(13,2083)	1:41:A:LYS:H	1:44:A:GLU:HG3	4	0.66
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD11	4	0.66
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD12	4	0.66
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD13	4	0.66
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD21	4	0.66
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD22	4	0.66
(13,1994)	1:20:A:THR:HG21	1:23:A:LEU:HD23	4	0.66
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD11	4	0.66
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD12	4	0.66
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD13	4	0.66
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD21	4	0.66
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD22	4	0.66
(13,1994)	1:20:A:THR:HG22	1:23:A:LEU:HD23	4	0.66
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD11	4	0.66
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD12	4	0.66
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD13	4	0.66
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD21	4	0.66
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD22	4	0.66
(13,1994)	1:20:A:THR:HG23	1:23:A:LEU:HD23	4	0.66
(13,1972)	1:16:A:SER:HB2	1:43:A:MET:HE1	14	0.66
(13,1972)	1:16:A:SER:HB2	1:43:A:MET:HE2	14	0.66
(13,1972)	1:16:A:SER:HB2	1:43:A:MET:HE3	14	0.66
(13,1972)	1:16:A:SER:HB3	1:43:A:MET:HE1	14	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1972)	1:16:A:SER:HB3	1:43:A:MET:HE2	14	0.66
(13,1972)	1:16:A:SER:HB3	1:43:A:MET:HE3	14	0.66
(13,1937)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	3	0.66
(13,1937)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	3	0.66
(13,1937)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	3	0.66
(13,1937)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	3	0.66
(13,1937)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	3	0.66
(13,1937)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	3	0.66
(13,1931)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	6	0.66
(13,1931)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	6	0.66
(13,1931)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	6	0.66
(13,1931)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	6	0.66
(13,1931)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	6	0.66
(13,1931)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	6	0.66
(13,1931)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	6	0.66
(13,1931)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	6	0.66
(13,1931)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	6	0.66
(13,1931)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	6	0.66
(13,1931)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	6	0.66
(13,1931)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	6	0.66
(13,1853)	1:18:A:PHE:HE1	1:128:A:LEU:HG	14	0.66
(13,1853)	1:18:A:PHE:HE2	1:128:A:LEU:HG	14	0.66
(13,1831)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	11	0.66
(13,1831)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	11	0.66
(13,1831)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	11	0.66
(13,1831)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	11	0.66
(13,1831)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	11	0.66
(13,1831)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	11	0.66
(13,1744)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	17	0.66
(13,1744)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	17	0.66
(13,1694)	1:21:A:THR:HG21	1:23:A:LEU:HB2	8	0.66
(13,1694)	1:21:A:THR:HG21	1:23:A:LEU:HB3	8	0.66
(13,1694)	1:21:A:THR:HG22	1:23:A:LEU:HB2	8	0.66
(13,1694)	1:21:A:THR:HG22	1:23:A:LEU:HB3	8	0.66
(13,1694)	1:21:A:THR:HG23	1:23:A:LEU:HB2	8	0.66
(13,1694)	1:21:A:THR:HG23	1:23:A:LEU:HB3	8	0.66
(13,1277)	1:66:A:THR:HG21	1:96:A:VAL:HB	18	0.66
(13,1277)	1:66:A:THR:HG22	1:96:A:VAL:HB	18	0.66
(13,1277)	1:66:A:THR:HG23	1:96:A:VAL:HB	18	0.66
(13,1002)	1:34:A:LYS:H	1:81:A:GLU:HB3	4	0.66
(13,997)	1:34:A:LYS:H	1:81:A:GLU:HB2	1	0.66
(13,973)	1:63:A:ILE:HA	1:64:A:LYS:HD2	1	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,973)	1:63:A:ILE:HA	1:64:A:LYS:HD3	1	0.66
(13,908)	1:34:A:LYS:H	1:81:A:GLU:HG2	16	0.66
(13,908)	1:34:A:LYS:H	1:81:A:GLU:HG3	16	0.66
(13,905)	1:125:A:THR:HB	1:128:A:LEU:HG	10	0.66
(13,877)	1:13:A:ALA:H	1:80:A:TYR:HB2	7	0.66
(13,629)	1:59:A:CYS:H	1:60:A:LEU:HB2	14	0.66
(13,568)	1:11:A:ILE:HD11	1:16:A:SER:H	8	0.66
(13,568)	1:11:A:ILE:HD12	1:16:A:SER:H	8	0.66
(13,568)	1:11:A:ILE:HD13	1:16:A:SER:H	8	0.66
(13,156)	1:127:A:CYS:H	1:128:A:LEU:HG	2	0.66
(13,121)	1:79:A:THR:HB	1:80:A:TYR:H	8	0.66
(13,66)	1:13:A:ALA:HB1	1:81:A:GLU:H	17	0.66
(13,66)	1:13:A:ALA:HB2	1:81:A:GLU:H	17	0.66
(13,66)	1:13:A:ALA:HB3	1:81:A:GLU:H	17	0.66
(13,49)	1:98:A:ILE:H	1:98:A:ILE:HG12	6	0.66
(11,2254)	1:69:A:MET:HG2	1:70:A:LYS:HE2	3	0.66
(11,2254)	1:69:A:MET:HG2	1:70:A:LYS:HE3	3	0.66
(11,2254)	1:69:A:MET:HG3	1:70:A:LYS:HE2	3	0.66
(11,2254)	1:69:A:MET:HG3	1:70:A:LYS:HE3	3	0.66
(11,1920)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	10	0.66
(11,1920)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	10	0.66
(11,1920)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	10	0.66
(11,1920)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	10	0.66
(11,1913)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	16	0.66
(11,1913)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	16	0.66
(11,1913)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	16	0.66
(11,1913)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	16	0.66
(11,1913)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	16	0.66
(11,1913)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	16	0.66
(11,1764)	1:21:A:THR:HG21	1:23:A:LEU:HB2	8	0.66
(11,1764)	1:21:A:THR:HG21	1:23:A:LEU:HB3	8	0.66
(11,1764)	1:21:A:THR:HG22	1:23:A:LEU:HB2	8	0.66
(11,1764)	1:21:A:THR:HG22	1:23:A:LEU:HB3	8	0.66
(11,1764)	1:21:A:THR:HG23	1:23:A:LEU:HB2	8	0.66
(11,1764)	1:21:A:THR:HG23	1:23:A:LEU:HB3	8	0.66
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD11	15	0.66
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD12	15	0.66
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD13	15	0.66
(11,1482)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	18	0.66
(11,1482)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	18	0.66
(11,1482)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	18	0.66
(11,1482)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	18	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1482)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	18	0.66
(11,1482)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	18	0.66
(11,1482)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	18	0.66
(11,1482)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	18	0.66
(11,1482)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	18	0.66
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB2	10	0.66
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB3	10	0.66
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB2	10	0.66
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB3	10	0.66
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB2	10	0.66
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB3	10	0.66
(11,1321)	1:66:A:THR:HG21	1:96:A:VAL:HB	18	0.66
(11,1321)	1:66:A:THR:HG22	1:96:A:VAL:HB	18	0.66
(11,1321)	1:66:A:THR:HG23	1:96:A:VAL:HB	18	0.66
(11,1130)	1:143:A:TRP:HA	1:143:A:TRP:HE3	9	0.66
(11,934)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	14	0.66
(11,934)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	14	0.66
(11,713)	1:44:A:GLU:HB2	1:48:A:ARG:HE	15	0.66
(11,713)	1:44:A:GLU:HB3	1:48:A:ARG:HE	15	0.66
(11,317)	1:43:A:MET:H	1:140:A:LEU:HD11	9	0.66
(11,317)	1:43:A:MET:H	1:140:A:LEU:HD12	9	0.66
(11,317)	1:43:A:MET:H	1:140:A:LEU:HD13	9	0.66
(11,314)	1:64:A:LYS:HD2	1:65:A:CYS:H	5	0.66
(11,314)	1:64:A:LYS:HD3	1:65:A:CYS:H	5	0.66
(11,67)	1:80:A:TYR:HA	1:81:A:GLU:H	17	0.66
(11,67)	1:80:A:TYR:HA	1:81:A:GLU:H	18	0.66
(11,57)	1:98:A:ILE:H	1:98:A:ILE:HG12	6	0.66
(9,2364)	1:131:A:LEU:HD11	1:134:A:VAL:HB	10	0.66
(9,2364)	1:131:A:LEU:HD12	1:134:A:VAL:HB	10	0.66
(9,2364)	1:131:A:LEU:HD13	1:134:A:VAL:HB	10	0.66
(9,2364)	1:131:A:LEU:HD21	1:134:A:VAL:HB	10	0.66
(9,2364)	1:131:A:LEU:HD22	1:134:A:VAL:HB	10	0.66
(9,2364)	1:131:A:LEU:HD23	1:134:A:VAL:HB	10	0.66
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD11	4	0.66
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD12	4	0.66
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD13	4	0.66
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD21	4	0.66
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD22	4	0.66
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD23	4	0.66
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD11	5	0.66
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD12	5	0.66
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD13	5	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD21	5	0.66
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD22	5	0.66
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD23	5	0.66
(9,2029)	1:28:A:GLY:HA2	1:30:A:LEU:HD11	19	0.66
(9,2029)	1:28:A:GLY:HA2	1:30:A:LEU:HD12	19	0.66
(9,2029)	1:28:A:GLY:HA2	1:30:A:LEU:HD13	19	0.66
(9,2029)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	19	0.66
(9,2029)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	19	0.66
(9,2029)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	19	0.66
(9,2029)	1:28:A:GLY:HA3	1:30:A:LEU:HD11	19	0.66
(9,2029)	1:28:A:GLY:HA3	1:30:A:LEU:HD12	19	0.66
(9,2029)	1:28:A:GLY:HA3	1:30:A:LEU:HD13	19	0.66
(9,2029)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	19	0.66
(9,2029)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	19	0.66
(9,2029)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	19	0.66
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD11	10	0.66
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD12	10	0.66
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD13	10	0.66
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD21	10	0.66
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD22	10	0.66
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD23	10	0.66
(9,1899)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	10	0.66
(9,1899)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	10	0.66
(9,1899)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	10	0.66
(9,1899)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	10	0.66
(9,1718)	1:21:A:THR:HG21	1:23:A:LEU:HB2	8	0.66
(9,1718)	1:21:A:THR:HG21	1:23:A:LEU:HB3	8	0.66
(9,1718)	1:21:A:THR:HG22	1:23:A:LEU:HB2	8	0.66
(9,1718)	1:21:A:THR:HG22	1:23:A:LEU:HB3	8	0.66
(9,1718)	1:21:A:THR:HG23	1:23:A:LEU:HB2	8	0.66
(9,1718)	1:21:A:THR:HG23	1:23:A:LEU:HB3	8	0.66
(9,1640)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	8	0.66
(9,1640)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	8	0.66
(9,1640)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	8	0.66
(9,1640)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	8	0.66
(9,1640)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	8	0.66
(9,1640)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	8	0.66
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	6	0.66
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	6	0.66
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	6	0.66
(9,1398)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	5	0.66
(9,1398)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	5	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1398)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	5	0.66
(9,1123)	1:143:A:TRP:HA	1:143:A:TRP:HE3	9	0.66
(9,990)	1:63:A:ILE:HA	1:64:A:LYS:HD2	1	0.66
(9,990)	1:63:A:ILE:HA	1:64:A:LYS:HD3	1	0.66
(9,478)	1:14:A:VAL:H	1:61:A:SER:HA	17	0.66
(9,122)	1:79:A:THR:HB	1:80:A:TYR:H	8	0.66
(9,69)	1:13:A:ALA:HB1	1:81:A:GLU:H	17	0.66
(9,69)	1:13:A:ALA:HB2	1:81:A:GLU:H	17	0.66
(9,69)	1:13:A:ALA:HB3	1:81:A:GLU:H	17	0.66
(9,54)	1:98:A:ILE:H	1:98:A:ILE:HG12	6	0.66
(7,2206)	1:64:A:LYS:HB2	1:116:A:GLN:HG2	17	0.66
(7,2206)	1:64:A:LYS:HB2	1:116:A:GLN:HG3	17	0.66
(7,2206)	1:64:A:LYS:HB3	1:116:A:GLN:HG2	17	0.66
(7,2206)	1:64:A:LYS:HB3	1:116:A:GLN:HG3	17	0.66
(7,2173)	1:57:A:LEU:HD11	1:60:A:LEU:HG	3	0.66
(7,2173)	1:57:A:LEU:HD12	1:60:A:LEU:HG	3	0.66
(7,2173)	1:57:A:LEU:HD13	1:60:A:LEU:HG	3	0.66
(7,2173)	1:57:A:LEU:HD21	1:60:A:LEU:HG	3	0.66
(7,2173)	1:57:A:LEU:HD22	1:60:A:LEU:HG	3	0.66
(7,2173)	1:57:A:LEU:HD23	1:60:A:LEU:HG	3	0.66
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG11	2	0.66
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG12	2	0.66
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG13	2	0.66
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG21	2	0.66
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG22	2	0.66
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG23	2	0.66
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG11	2	0.66
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG12	2	0.66
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG13	2	0.66
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG21	2	0.66
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG22	2	0.66
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG23	2	0.66
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG11	2	0.66
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG12	2	0.66
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG13	2	0.66
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG21	2	0.66
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG22	2	0.66
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG23	2	0.66
(7,2048)	1:35:A:LEU:HD11	1:143:A:TRP:HA	19	0.66
(7,2048)	1:35:A:LEU:HD12	1:143:A:TRP:HA	19	0.66
(7,2048)	1:35:A:LEU:HD13	1:143:A:TRP:HA	19	0.66
(7,2048)	1:35:A:LEU:HD21	1:143:A:TRP:HA	19	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2048)	1:35:A:LEU:HD22	1:143:A:TRP:HA	19	0.66
(7,2048)	1:35:A:LEU:HD23	1:143:A:TRP:HA	19	0.66
(7,2026)	1:31:A:PRO:HD2	1:144:A:LEU:HA	13	0.66
(7,2026)	1:31:A:PRO:HD3	1:144:A:LEU:HA	13	0.66
(7,1963)	1:16:A:SER:HB2	1:43:A:MET:HE1	14	0.66
(7,1963)	1:16:A:SER:HB2	1:43:A:MET:HE2	14	0.66
(7,1963)	1:16:A:SER:HB2	1:43:A:MET:HE3	14	0.66
(7,1963)	1:16:A:SER:HB3	1:43:A:MET:HE1	14	0.66
(7,1963)	1:16:A:SER:HB3	1:43:A:MET:HE2	14	0.66
(7,1963)	1:16:A:SER:HB3	1:43:A:MET:HE3	14	0.66
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	2	0.66
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	2	0.66
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	2	0.66
(7,1694)	1:21:A:THR:HG21	1:23:A:LEU:HB2	8	0.66
(7,1694)	1:21:A:THR:HG21	1:23:A:LEU:HB3	8	0.66
(7,1694)	1:21:A:THR:HG22	1:23:A:LEU:HB2	8	0.66
(7,1694)	1:21:A:THR:HG22	1:23:A:LEU:HB3	8	0.66
(7,1694)	1:21:A:THR:HG23	1:23:A:LEU:HB2	8	0.66
(7,1694)	1:21:A:THR:HG23	1:23:A:LEU:HB3	8	0.66
(7,1288)	1:66:A:THR:HG21	1:96:A:VAL:HB	18	0.66
(7,1288)	1:66:A:THR:HG22	1:96:A:VAL:HB	18	0.66
(7,1288)	1:66:A:THR:HG23	1:96:A:VAL:HB	18	0.66
(7,1276)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	16	0.66
(7,1276)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	16	0.66
(7,1276)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	16	0.66
(7,1276)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	16	0.66
(7,1276)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	16	0.66
(7,1276)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	16	0.66
(7,1100)	1:143:A:TRP:HA	1:143:A:TRP:HE3	9	0.66
(7,1022)	1:11:A:ILE:HA	1:14:A:VAL:HB	3	0.66
(7,914)	1:34:A:LYS:H	1:81:A:GLU:HG2	16	0.66
(7,914)	1:34:A:LYS:H	1:81:A:GLU:HG3	16	0.66
(7,911)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	13	0.66
(7,911)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	13	0.66
(7,911)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	13	0.66
(7,911)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	13	0.66
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	18	0.66
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	18	0.66
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	18	0.66
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	18	0.66
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	18	0.66
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	18	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,776)	1:63:A:ILE:HD11	1:64:A:LYS:H	19	0.66
(7,776)	1:63:A:ILE:HD12	1:64:A:LYS:H	19	0.66
(7,776)	1:63:A:ILE:HD13	1:64:A:LYS:H	19	0.66
(7,634)	1:59:A:CYS:H	1:60:A:LEU:HB2	14	0.66
(7,490)	1:98:A:ILE:H	1:105:A:LYS:H	16	0.66
(7,397)	1:105:A:LYS:HG3	1:106:A:ASP:H	3	0.66
(7,373)	1:40:A:LEU:HB2	1:41:A:LYS:H	4	0.66
(7,373)	1:40:A:LEU:HB2	1:41:A:LYS:H	5	0.66
(7,122)	1:79:A:THR:HB	1:80:A:TYR:H	8	0.66
(7,51)	1:98:A:ILE:H	1:98:A:ILE:HG12	6	0.66
(6,2362)	1:115:A:ALA:H	1:116:A:GLN:HE21	6	0.66
(6,2362)	1:115:A:ALA:H	1:116:A:GLN:HE22	6	0.66
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	13	0.66
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	13	0.66
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	13	0.66
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	13	0.66
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	13	0.66
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	13	0.66
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG11	16	0.66
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG12	16	0.66
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG13	16	0.66
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG21	16	0.66
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG22	16	0.66
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG23	16	0.66
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG11	16	0.66
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG12	16	0.66
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG13	16	0.66
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG21	16	0.66
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG22	16	0.66
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG23	16	0.66
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG11	16	0.66
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG12	16	0.66
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG13	16	0.66
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG21	16	0.66
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG22	16	0.66
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG23	16	0.66
(6,2029)	1:17:A:ASN:HD21	1:79:A:THR:H	10	0.66
(6,2029)	1:17:A:ASN:HD22	1:79:A:THR:H	10	0.66
(6,1891)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	10	0.66
(6,1891)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	10	0.66
(6,1891)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	10	0.66
(6,1891)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	10	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	2	0.66
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	2	0.66
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	2	0.66
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	19	0.66
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	19	0.66
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	19	0.66
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	19	0.66
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	19	0.66
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	19	0.66
(6,1726)	1:21:A:THR:HG21	1:23:A:LEU:HB2	8	0.66
(6,1726)	1:21:A:THR:HG21	1:23:A:LEU:HB3	8	0.66
(6,1726)	1:21:A:THR:HG22	1:23:A:LEU:HB2	8	0.66
(6,1726)	1:21:A:THR:HG22	1:23:A:LEU:HB3	8	0.66
(6,1726)	1:21:A:THR:HG23	1:23:A:LEU:HB2	8	0.66
(6,1726)	1:21:A:THR:HG23	1:23:A:LEU:HB3	8	0.66
(6,1543)	1:46:A:ASN:HB2	1:134:A:VAL:H	9	0.66
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	6	0.66
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	6	0.66
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	6	0.66
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG21	17	0.66
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG22	17	0.66
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG23	17	0.66
(6,1027)	1:11:A:ILE:HA	1:14:A:VAL:HB	3	0.66
(6,1014)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	18	0.66
(6,976)	1:63:A:ILE:HA	1:64:A:LYS:HD2	1	0.66
(6,976)	1:63:A:ILE:HA	1:64:A:LYS:HD3	1	0.66
(6,869)	1:14:A:VAL:HA	1:18:A:PHE:HB2	2	0.66
(6,855)	1:18:A:PHE:HZ	1:60:A:LEU:HB2	12	0.66
(6,122)	1:79:A:THR:HB	1:80:A:TYR:H	8	0.66
(6,52)	1:98:A:ILE:H	1:98:A:ILE:HG12	6	0.66
(5,2331)	1:107:A:LEU:HD11	1:112:A:GLN:HA	5	0.66
(5,2331)	1:107:A:LEU:HD12	1:112:A:GLN:HA	5	0.66
(5,2331)	1:107:A:LEU:HD13	1:112:A:GLN:HA	5	0.66
(5,2331)	1:107:A:LEU:HD21	1:112:A:GLN:HA	5	0.66
(5,2331)	1:107:A:LEU:HD22	1:112:A:GLN:HA	5	0.66
(5,2331)	1:107:A:LEU:HD23	1:112:A:GLN:HA	5	0.66
(5,2293)	1:98:A:ILE:H	1:104:A:PHE:HB2	16	0.66
(5,2293)	1:98:A:ILE:H	1:104:A:PHE:HB3	16	0.66
(5,2124)	1:40:A:LEU:HD11	1:43:A:MET:H	3	0.66
(5,2124)	1:40:A:LEU:HD12	1:43:A:MET:H	3	0.66
(5,2124)	1:40:A:LEU:HD13	1:43:A:MET:H	3	0.66
(5,2124)	1:40:A:LEU:HD21	1:43:A:MET:H	3	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2124)	1:40:A:LEU:HD22	1:43:A:MET:H	3	0.66
(5,2124)	1:40:A:LEU:HD23	1:43:A:MET:H	3	0.66
(5,2081)	1:38:A:GLU:HA	1:139:A:LEU:HD11	17	0.66
(5,2081)	1:38:A:GLU:HA	1:139:A:LEU:HD12	17	0.66
(5,2081)	1:38:A:GLU:HA	1:139:A:LEU:HD13	17	0.66
(5,2081)	1:38:A:GLU:HA	1:139:A:LEU:HD21	17	0.66
(5,2081)	1:38:A:GLU:HA	1:139:A:LEU:HD22	17	0.66
(5,2081)	1:38:A:GLU:HA	1:139:A:LEU:HD23	17	0.66
(5,2065)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	13	0.66
(5,2065)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	13	0.66
(5,2065)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	13	0.66
(5,2065)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	13	0.66
(5,2065)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	13	0.66
(5,2065)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	13	0.66
(5,2010)	1:18:A:PHE:HB2	1:132:A:ALA:HA	13	0.66
(5,2010)	1:18:A:PHE:HB3	1:132:A:ALA:HA	13	0.66
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	14	0.66
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	14	0.66
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	14	0.66
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	14	0.66
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	14	0.66
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	14	0.66
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	14	0.66
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	14	0.66
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	14	0.66
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	14	0.66
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	14	0.66
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	14	0.66
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	14	0.66
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	14	0.66
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	14	0.66
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	14	0.66
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	14	0.66
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	14	0.66
(5,1786)	1:141:A:LYS:HA	1:148:A:CYS:H	13	0.66
(5,1751)	1:21:A:THR:HG21	1:23:A:LEU:HB2	8	0.66
(5,1751)	1:21:A:THR:HG21	1:23:A:LEU:HB3	8	0.66
(5,1751)	1:21:A:THR:HG22	1:23:A:LEU:HB2	8	0.66
(5,1751)	1:21:A:THR:HG22	1:23:A:LEU:HB3	8	0.66
(5,1751)	1:21:A:THR:HG23	1:23:A:LEU:HB2	8	0.66
(5,1751)	1:21:A:THR:HG23	1:23:A:LEU:HB3	8	0.66
(5,1749)	1:21:A:THR:HG21	1:24:A:ASP:HB2	12	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1749)	1:21:A:THR:HG21	1:24:A:ASP:HB3	12	0.66
(5,1749)	1:21:A:THR:HG22	1:24:A:ASP:HB2	12	0.66
(5,1749)	1:21:A:THR:HG22	1:24:A:ASP:HB3	12	0.66
(5,1749)	1:21:A:THR:HG23	1:24:A:ASP:HB2	12	0.66
(5,1749)	1:21:A:THR:HG23	1:24:A:ASP:HB3	12	0.66
(5,1671)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	12	0.66
(5,1671)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	12	0.66
(5,1671)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	12	0.66
(5,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	7	0.66
(5,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	7	0.66
(5,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	7	0.66
(5,1489)	1:67:A:PRO:HD3	1:95:A:ILE:HA	16	0.66
(5,1293)	1:15:A:ALA:HA	1:131:A:LEU:HG	8	0.66
(5,1131)	1:143:A:TRP:HA	1:143:A:TRP:HE3	9	0.66
(5,1051)	1:11:A:ILE:HA	1:14:A:VAL:HB	3	0.66
(5,992)	1:63:A:ILE:HA	1:64:A:LYS:HD2	1	0.66
(5,992)	1:63:A:ILE:HA	1:64:A:LYS:HD3	1	0.66
(5,928)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	14	0.66
(5,928)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	14	0.66
(5,925)	1:34:A:LYS:H	1:81:A:GLU:HG2	16	0.66
(5,925)	1:34:A:LYS:H	1:81:A:GLU:HG3	16	0.66
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	4	0.66
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	4	0.66
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	4	0.66
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	11	0.66
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	11	0.66
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	11	0.66
(5,712)	1:44:A:GLU:HB2	1:48:A:ARG:HE	15	0.66
(5,712)	1:44:A:GLU:HB3	1:48:A:ARG:HE	15	0.66
(5,680)	1:133:A:ASN:H	1:134:A:VAL:HG21	6	0.66
(5,680)	1:133:A:ASN:H	1:134:A:VAL:HG22	6	0.66
(5,680)	1:133:A:ASN:H	1:134:A:VAL:HG23	6	0.66
(5,636)	1:59:A:CYS:H	1:60:A:LEU:HB2	14	0.66
(5,569)	1:11:A:ILE:HD11	1:16:A:SER:H	8	0.66
(5,569)	1:11:A:ILE:HD12	1:16:A:SER:H	8	0.66
(5,569)	1:11:A:ILE:HD13	1:16:A:SER:H	8	0.66
(5,320)	1:140:A:LEU:H	1:140:A:LEU:HG	7	0.66
(5,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	18	0.66
(5,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	18	0.66
(5,260)	1:14:A:VAL:HG11	1:15:A:ALA:H	8	0.66
(5,260)	1:14:A:VAL:HG12	1:15:A:ALA:H	8	0.66
(5,260)	1:14:A:VAL:HG13	1:15:A:ALA:H	8	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,118)	1:79:A:THR:HB	1:80:A:TYR:H	8	0.66
(4,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	12	0.66
(4,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	12	0.66
(4,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	12	0.66
(4,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	12	0.66
(4,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	12	0.66
(4,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	12	0.66
(4,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	12	0.66
(4,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	12	0.66
(4,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	12	0.66
(4,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	12	0.66
(4,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	12	0.66
(4,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	12	0.66
(4,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	12	0.66
(4,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	12	0.66
(4,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	12	0.66
(4,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	12	0.66
(4,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	12	0.66
(4,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	12	0.66
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD11	4	0.66
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD12	4	0.66
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD13	4	0.66
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD21	4	0.66
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD22	4	0.66
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD23	4	0.66
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD11	5	0.66
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD12	5	0.66
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD13	5	0.66
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD21	5	0.66
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD22	5	0.66
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD23	5	0.66
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	17	0.66
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	17	0.66
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	17	0.66
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG21	17	0.66
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG22	17	0.66
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG23	17	0.66
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD11	15	0.66
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD12	15	0.66
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD13	15	0.66
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD21	15	0.66
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD22	15	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD23	15	0.66
(4,2002)	1:16:A:SER:HB2	1:43:A:MET:HE1	14	0.66
(4,2002)	1:16:A:SER:HB2	1:43:A:MET:HE2	14	0.66
(4,2002)	1:16:A:SER:HB2	1:43:A:MET:HE3	14	0.66
(4,2002)	1:16:A:SER:HB3	1:43:A:MET:HE1	14	0.66
(4,2002)	1:16:A:SER:HB3	1:43:A:MET:HE2	14	0.66
(4,2002)	1:16:A:SER:HB3	1:43:A:MET:HE3	14	0.66
(4,1877)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	10	0.66
(4,1877)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	10	0.66
(4,1877)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	10	0.66
(4,1877)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	10	0.66
(4,1845)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	17	0.66
(4,1845)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	17	0.66
(4,1843)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	5	0.66
(4,1843)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	5	0.66
(4,1822)	1:13:A:ALA:HA	1:80:A:TYR:HE1	1	0.66
(4,1822)	1:13:A:ALA:HA	1:80:A:TYR:HE2	1	0.66
(4,1804)	1:9:A:PHE:HZ	1:54:A:ARG:HA	6	0.66
(4,1705)	1:21:A:THR:HG21	1:23:A:LEU:HB2	8	0.66
(4,1705)	1:21:A:THR:HG21	1:23:A:LEU:HB3	8	0.66
(4,1705)	1:21:A:THR:HG22	1:23:A:LEU:HB2	8	0.66
(4,1705)	1:21:A:THR:HG22	1:23:A:LEU:HB3	8	0.66
(4,1705)	1:21:A:THR:HG23	1:23:A:LEU:HB2	8	0.66
(4,1705)	1:21:A:THR:HG23	1:23:A:LEU:HB3	8	0.66
(4,1379)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	14	0.66
(4,1379)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	14	0.66
(4,1379)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	14	0.66
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD21	15	0.66
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD22	15	0.66
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD23	15	0.66
(4,1015)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	18	0.66
(4,815)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	5	0.66
(4,815)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	5	0.66
(4,815)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	5	0.66
(4,625)	1:59:A:CYS:H	1:60:A:LEU:HB2	14	0.66
(4,571)	1:126:A:GLY:H	1:128:A:LEU:HG	2	0.66
(3,2105)	1:35:A:LEU:HD11	1:143:A:TRP:HA	19	0.66
(3,2105)	1:35:A:LEU:HD12	1:143:A:TRP:HA	19	0.66
(3,2105)	1:35:A:LEU:HD13	1:143:A:TRP:HA	19	0.66
(3,2105)	1:35:A:LEU:HD21	1:143:A:TRP:HA	19	0.66
(3,2105)	1:35:A:LEU:HD22	1:143:A:TRP:HA	19	0.66
(3,2105)	1:35:A:LEU:HD23	1:143:A:TRP:HA	19	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2045)	1:17:A:ASN:HD21	1:79:A:THR:H	4	0.66
(3,2045)	1:17:A:ASN:HD22	1:79:A:THR:H	4	0.66
(3,1910)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	10	0.66
(3,1910)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	10	0.66
(3,1910)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	10	0.66
(3,1910)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	10	0.66
(3,1893)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	13	0.66
(3,1893)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	13	0.66
(3,1580)	1:40:A:LEU:HD11	1:43:A:MET:H	18	0.66
(3,1580)	1:40:A:LEU:HD12	1:43:A:MET:H	18	0.66
(3,1580)	1:40:A:LEU:HD13	1:43:A:MET:H	18	0.66
(3,1269)	1:40:A:LEU:HD21	1:44:A:GLU:H	13	0.66
(3,1269)	1:40:A:LEU:HD22	1:44:A:GLU:H	13	0.66
(3,1269)	1:40:A:LEU:HD23	1:44:A:GLU:H	13	0.66
(3,1211)	1:34:A:LYS:HG2	1:81:A:GLU:HA	5	0.66
(3,1211)	1:34:A:LYS:HG3	1:81:A:GLU:HA	5	0.66
(3,1142)	1:143:A:TRP:HA	1:143:A:TRP:HE3	9	0.66
(3,1103)	1:45:A:ALA:HA	1:48:A:ARG:HG2	5	0.66
(3,1103)	1:45:A:ALA:HA	1:48:A:ARG:HG3	5	0.66
(3,1008)	1:63:A:ILE:HA	1:64:A:LYS:HD2	1	0.66
(3,1008)	1:63:A:ILE:HA	1:64:A:LYS:HD3	1	0.66
(3,943)	1:34:A:LYS:H	1:81:A:GLU:HG2	16	0.66
(3,943)	1:34:A:LYS:H	1:81:A:GLU:HG3	16	0.66
(3,887)	1:21:A:THR:HG21	1:24:A:ASP:HB2	9	0.66
(3,887)	1:21:A:THR:HG21	1:24:A:ASP:HB3	9	0.66
(3,887)	1:21:A:THR:HG22	1:24:A:ASP:HB2	9	0.66
(3,887)	1:21:A:THR:HG22	1:24:A:ASP:HB3	9	0.66
(3,887)	1:21:A:THR:HG23	1:24:A:ASP:HB2	9	0.66
(3,887)	1:21:A:THR:HG23	1:24:A:ASP:HB3	9	0.66
(3,821)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	10	0.66
(3,821)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	10	0.66
(3,821)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	10	0.66
(3,774)	1:12:A:VAL:H	1:40:A:LEU:HD21	12	0.66
(3,774)	1:12:A:VAL:H	1:40:A:LEU:HD22	12	0.66
(3,774)	1:12:A:VAL:H	1:40:A:LEU:HD23	12	0.66
(3,729)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	15	0.66
(3,729)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	15	0.66
(3,729)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	15	0.66
(3,643)	1:59:A:CYS:H	1:60:A:LEU:HB2	14	0.66
(3,623)	1:26:A:ASP:H	1:30:A:LEU:HD11	1	0.66
(3,623)	1:26:A:ASP:H	1:30:A:LEU:HD12	1	0.66
(3,623)	1:26:A:ASP:H	1:30:A:LEU:HD13	1	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,623)	1:26:A:ASP:H	1:30:A:LEU:HD21	1	0.66
(3,623)	1:26:A:ASP:H	1:30:A:LEU:HD22	1	0.66
(3,623)	1:26:A:ASP:H	1:30:A:LEU:HD23	1	0.66
(3,56)	1:98:A:ILE:H	1:98:A:ILE:HG12	6	0.66
(2,2172)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	9	0.66
(2,2172)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	9	0.66
(2,2172)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	9	0.66
(2,2172)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	9	0.66
(2,2172)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	9	0.66
(2,2172)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	9	0.66
(2,2149)	1:41:A:LYS:H	1:44:A:GLU:HG2	4	0.66
(2,2149)	1:41:A:LYS:H	1:44:A:GLU:HG3	4	0.66
(2,2054)	1:23:A:LEU:HD11	1:24:A:ASP:H	1	0.66
(2,2054)	1:23:A:LEU:HD12	1:24:A:ASP:H	1	0.66
(2,2054)	1:23:A:LEU:HD13	1:24:A:ASP:H	1	0.66
(2,2054)	1:23:A:LEU:HD21	1:24:A:ASP:H	1	0.66
(2,2054)	1:23:A:LEU:HD22	1:24:A:ASP:H	1	0.66
(2,2054)	1:23:A:LEU:HD23	1:24:A:ASP:H	1	0.66
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD11	8	0.66
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD12	8	0.66
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD13	8	0.66
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD21	8	0.66
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD22	8	0.66
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD23	8	0.66
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE1	10	0.66
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE2	10	0.66
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE3	10	0.66
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE1	10	0.66
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE2	10	0.66
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE3	10	0.66
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE1	10	0.66
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE2	10	0.66
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE3	10	0.66
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE1	10	0.66
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE2	10	0.66
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE3	10	0.66
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE1	10	0.66
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE2	10	0.66
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE3	10	0.66
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE1	10	0.66
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE2	10	0.66
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE3	10	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1976)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	2	0.66
(2,1976)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	2	0.66
(2,1976)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	2	0.66
(2,1976)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	2	0.66
(2,1976)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	2	0.66
(2,1976)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	2	0.66
(2,1968)	1:10:A:ASN:HB3	1:61:A:SER:HB2	10	0.66
(2,1968)	1:10:A:ASN:HB3	1:61:A:SER:HB3	10	0.66
(2,1891)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	17	0.66
(2,1891)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	17	0.66
(2,1850)	1:9:A:PHE:HZ	1:54:A:ARG:HA	6	0.66
(2,1744)	1:21:A:THR:HG21	1:23:A:LEU:HB2	8	0.66
(2,1744)	1:21:A:THR:HG21	1:23:A:LEU:HB3	8	0.66
(2,1744)	1:21:A:THR:HG22	1:23:A:LEU:HB2	8	0.66
(2,1744)	1:21:A:THR:HG22	1:23:A:LEU:HB3	8	0.66
(2,1744)	1:21:A:THR:HG23	1:23:A:LEU:HB2	8	0.66
(2,1744)	1:21:A:THR:HG23	1:23:A:LEU:HB3	8	0.66
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG21	4	0.66
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG22	4	0.66
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG23	4	0.66
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG11	4	0.66
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG12	4	0.66
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG13	4	0.66
(2,1305)	1:66:A:THR:HG21	1:96:A:VAL:HB	18	0.66
(2,1305)	1:66:A:THR:HG22	1:96:A:VAL:HB	18	0.66
(2,1305)	1:66:A:THR:HG23	1:96:A:VAL:HB	18	0.66
(2,1249)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	5	0.66
(2,1249)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	5	0.66
(2,1249)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	5	0.66
(2,1013)	1:34:A:LYS:H	1:81:A:GLU:HB3	4	0.66
(2,1008)	1:34:A:LYS:H	1:81:A:GLU:HB2	1	0.66
(2,942)	1:39:A:VAL:HA	1:43:A:MET:HG2	18	0.66
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD21	13	0.66
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD22	13	0.66
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD23	13	0.66
(2,917)	1:34:A:LYS:H	1:81:A:GLU:HG2	16	0.66
(2,917)	1:34:A:LYS:H	1:81:A:GLU:HG3	16	0.66
(2,121)	1:79:A:THR:HB	1:80:A:TYR:H	8	0.66
(2,72)	1:54:A:ARG:H	1:54:A:ARG:HE	16	0.66
(2,67)	1:13:A:ALA:HB1	1:81:A:GLU:H	17	0.66
(2,67)	1:13:A:ALA:HB2	1:81:A:GLU:H	17	0.66
(2,67)	1:13:A:ALA:HB3	1:81:A:GLU:H	17	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,51)	1:98:A:ILE:H	1:98:A:ILE:HG12	6	0.66
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	5	0.66
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	5	0.66
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	5	0.66
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	5	0.66
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	5	0.66
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	5	0.66
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	5	0.66
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	5	0.66
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	5	0.66
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	5	0.66
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	5	0.66
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	5	0.66
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	18	0.66
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	18	0.66
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	18	0.66
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	18	0.66
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	18	0.66
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	18	0.66
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	18	0.66
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	18	0.66
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	18	0.66
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	18	0.66
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	18	0.66
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	18	0.66
(1,2124)	1:40:A:LEU:HD11	1:43:A:MET:HG3	7	0.66
(1,2124)	1:40:A:LEU:HD12	1:43:A:MET:HG3	7	0.66
(1,2124)	1:40:A:LEU:HD13	1:43:A:MET:HG3	7	0.66
(1,2124)	1:40:A:LEU:HD21	1:43:A:MET:HG3	7	0.66
(1,2124)	1:40:A:LEU:HD22	1:43:A:MET:HG3	7	0.66
(1,2124)	1:40:A:LEU:HD23	1:43:A:MET:HG3	7	0.66
(1,2057)	1:31:A:PRO:HD2	1:144:A:LEU:HA	13	0.66
(1,2057)	1:31:A:PRO:HD3	1:144:A:LEU:HA	13	0.66
(1,2005)	1:18:A:PHE:HB2	1:132:A:ALA:HA	13	0.66
(1,2005)	1:18:A:PHE:HB3	1:132:A:ALA:HA	13	0.66
(1,1981)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	12	0.66
(1,1981)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	12	0.66
(1,1981)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	12	0.66
(1,1981)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	12	0.66
(1,1981)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	12	0.66
(1,1981)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	12	0.66
(1,1981)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	12	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1981)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	12	0.66
(1,1981)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	12	0.66
(1,1981)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	12	0.66
(1,1981)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	12	0.66
(1,1981)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	12	0.66
(1,1981)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	12	0.66
(1,1981)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	12	0.66
(1,1981)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	12	0.66
(1,1981)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	12	0.66
(1,1981)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	12	0.66
(1,1981)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	12	0.66
(1,1981)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	12	0.66
(1,1981)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	12	0.66
(1,1981)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	12	0.66
(1,1981)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	12	0.66
(1,1981)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	12	0.66
(1,1981)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	12	0.66
(1,1981)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	12	0.66
(1,1981)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	12	0.66
(1,1981)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	12	0.66
(1,1981)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	12	0.66
(1,1981)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	12	0.66
(1,1981)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	12	0.66
(1,1981)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	12	0.66
(1,1981)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	12	0.66
(1,1981)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	12	0.66
(1,1981)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	12	0.66
(1,1981)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	12	0.66
(1,1981)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	12	0.66
(1,1945)	1:10:A:ASN:HB3	1:61:A:SER:HB2	10	0.66
(1,1945)	1:10:A:ASN:HB3	1:61:A:SER:HB3	10	0.66
(1,1909)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	16	0.66
(1,1909)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	16	0.66
(1,1909)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	16	0.66
(1,1909)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	16	0.66
(1,1909)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	16	0.66
(1,1909)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	16	0.66
(1,1804)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	4	0.66
(1,1804)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	4	0.66
(1,1804)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	4	0.66
(1,1804)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	4	0.66
(1,1804)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	4	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1804)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	4	0.66
(1,1740)	1:21:A:THR:HG21	1:23:A:LEU:HB2	8	0.66
(1,1740)	1:21:A:THR:HG21	1:23:A:LEU:HB3	8	0.66
(1,1740)	1:21:A:THR:HG22	1:23:A:LEU:HB2	8	0.66
(1,1740)	1:21:A:THR:HG22	1:23:A:LEU:HB3	8	0.66
(1,1740)	1:21:A:THR:HG23	1:23:A:LEU:HB2	8	0.66
(1,1740)	1:21:A:THR:HG23	1:23:A:LEU:HB3	8	0.66
(1,1626)	1:21:A:THR:HB	1:24:A:ASP:HA	10	0.66
(1,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	7	0.66
(1,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	7	0.66
(1,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	7	0.66
(1,1131)	1:143:A:TRP:HA	1:143:A:TRP:HE3	9	0.66
(1,1096)	1:48:A:ARG:HG2	1:49:A:LYS:HA	14	0.66
(1,1096)	1:48:A:ARG:HG3	1:49:A:LYS:HA	14	0.66
(1,1096)	1:48:A:ARG:HG2	1:49:A:LYS:HA	19	0.66
(1,1096)	1:48:A:ARG:HG3	1:49:A:LYS:HA	19	0.66
(1,1014)	1:63:A:ILE:HA	1:64:A:LYS:HD2	1	0.66
(1,1014)	1:63:A:ILE:HA	1:64:A:LYS:HD3	1	0.66
(1,972)	1:40:A:LEU:HA	1:43:A:MET:HG2	10	0.66
(1,934)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	13	0.66
(1,934)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	13	0.66
(1,888)	1:21:A:THR:HG21	1:24:A:ASP:HB2	9	0.66
(1,888)	1:21:A:THR:HG21	1:24:A:ASP:HB3	9	0.66
(1,888)	1:21:A:THR:HG22	1:24:A:ASP:HB2	9	0.66
(1,888)	1:21:A:THR:HG22	1:24:A:ASP:HB3	9	0.66
(1,888)	1:21:A:THR:HG23	1:24:A:ASP:HB2	9	0.66
(1,888)	1:21:A:THR:HG23	1:24:A:ASP:HB3	9	0.66
(1,832)	1:98:A:ILE:HD11	1:101:A:ILE:HB	17	0.66
(1,832)	1:98:A:ILE:HD12	1:101:A:ILE:HB	17	0.66
(1,832)	1:98:A:ILE:HD13	1:101:A:ILE:HB	17	0.66
(1,821)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	10	0.66
(1,821)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	10	0.66
(1,821)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	10	0.66
(1,642)	1:59:A:CYS:H	1:60:A:LEU:HB2	14	0.66
(1,579)	1:11:A:ILE:HD11	1:16:A:SER:H	8	0.66
(1,579)	1:11:A:ILE:HD12	1:16:A:SER:H	8	0.66
(1,579)	1:11:A:ILE:HD13	1:16:A:SER:H	8	0.66
(1,244)	1:40:A:LEU:HD21	1:44:A:GLU:H	13	0.66
(1,244)	1:40:A:LEU:HD22	1:44:A:GLU:H	13	0.66
(1,244)	1:40:A:LEU:HD23	1:44:A:GLU:H	13	0.66
(1,132)	1:79:A:THR:HB	1:80:A:TYR:H	8	0.66
(1,7)	1:39:A:VAL:HG11	1:143:A:TRP:HE1	19	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:39:A:VAL:HG12	1:143:A:TRP:HE1	19	0.66
(1,7)	1:39:A:VAL:HG13	1:143:A:TRP:HE1	19	0.66
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD11	7	0.65
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD12	7	0.65
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD13	7	0.65
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD21	7	0.65
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD22	7	0.65
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD23	7	0.65
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	19	0.65
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	19	0.65
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	19	0.65
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	19	0.65
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	19	0.65
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	19	0.65
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	19	0.65
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	19	0.65
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	19	0.65
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	19	0.65
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	19	0.65
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	19	0.65
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE1	7	0.65
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE2	7	0.65
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE3	7	0.65
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE1	7	0.65
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE2	7	0.65
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE3	7	0.65
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE1	7	0.65
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE2	7	0.65
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE3	7	0.65
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE1	7	0.65
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE2	7	0.65
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE3	7	0.65
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE1	7	0.65
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE2	7	0.65
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE3	7	0.65
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE1	7	0.65
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE2	7	0.65
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE3	7	0.65
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE1	13	0.65
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE2	13	0.65
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE3	13	0.65
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE1	13	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE2	13	0.65
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE3	13	0.65
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE1	13	0.65
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE2	13	0.65
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE3	13	0.65
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE1	13	0.65
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE2	13	0.65
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE3	13	0.65
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE1	13	0.65
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE2	13	0.65
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE3	13	0.65
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE1	13	0.65
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE2	13	0.65
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE3	13	0.65
(34,2138)	1:40:A:LEU:HD11	1:43:A:MET:HB3	4	0.65
(34,2138)	1:40:A:LEU:HD12	1:43:A:MET:HB3	4	0.65
(34,2138)	1:40:A:LEU:HD13	1:43:A:MET:HB3	4	0.65
(34,2138)	1:40:A:LEU:HD21	1:43:A:MET:HB3	4	0.65
(34,2138)	1:40:A:LEU:HD22	1:43:A:MET:HB3	4	0.65
(34,2138)	1:40:A:LEU:HD23	1:43:A:MET:HB3	4	0.65
(34,2138)	1:40:A:LEU:HD11	1:43:A:MET:HB3	12	0.65
(34,2138)	1:40:A:LEU:HD12	1:43:A:MET:HB3	12	0.65
(34,2138)	1:40:A:LEU:HD13	1:43:A:MET:HB3	12	0.65
(34,2138)	1:40:A:LEU:HD21	1:43:A:MET:HB3	12	0.65
(34,2138)	1:40:A:LEU:HD22	1:43:A:MET:HB3	12	0.65
(34,2138)	1:40:A:LEU:HD23	1:43:A:MET:HB3	12	0.65
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD11	5	0.65
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD12	5	0.65
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD13	5	0.65
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD21	5	0.65
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD22	5	0.65
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD23	5	0.65
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD11	6	0.65
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD12	6	0.65
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD13	6	0.65
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD21	6	0.65
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD22	6	0.65
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD23	6	0.65
(34,1918)	1:13:A:ALA:H	1:80:A:TYR:HE1	13	0.65
(34,1918)	1:13:A:ALA:H	1:80:A:TYR:HE2	13	0.65
(34,1775)	1:97:A:ASP:HA	1:105:A:LYS:HG3	13	0.65
(34,1546)	1:66:A:THR:HG21	1:69:A:MET:HE1	7	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1546)	1:66:A:THR:HG21	1:69:A:MET:HE2	7	0.65
(34,1546)	1:66:A:THR:HG21	1:69:A:MET:HE3	7	0.65
(34,1546)	1:66:A:THR:HG22	1:69:A:MET:HE1	7	0.65
(34,1546)	1:66:A:THR:HG22	1:69:A:MET:HE2	7	0.65
(34,1546)	1:66:A:THR:HG22	1:69:A:MET:HE3	7	0.65
(34,1546)	1:66:A:THR:HG23	1:69:A:MET:HE1	7	0.65
(34,1546)	1:66:A:THR:HG23	1:69:A:MET:HE2	7	0.65
(34,1546)	1:66:A:THR:HG23	1:69:A:MET:HE3	7	0.65
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE1	6	0.65
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE2	6	0.65
(34,1520)	1:40:A:LEU:HA	1:43:A:MET:HE3	6	0.65
(34,1321)	1:66:A:THR:HG21	1:104:A:PHE:HE1	6	0.65
(34,1321)	1:66:A:THR:HG21	1:104:A:PHE:HE2	6	0.65
(34,1321)	1:66:A:THR:HG22	1:104:A:PHE:HE1	6	0.65
(34,1321)	1:66:A:THR:HG22	1:104:A:PHE:HE2	6	0.65
(34,1321)	1:66:A:THR:HG23	1:104:A:PHE:HE1	6	0.65
(34,1321)	1:66:A:THR:HG23	1:104:A:PHE:HE2	6	0.65
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD11	7	0.65
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD12	7	0.65
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD13	7	0.65
(34,1252)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	5	0.65
(34,1252)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	5	0.65
(34,1252)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	5	0.65
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD11	7	0.65
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD12	7	0.65
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD13	7	0.65
(34,1057)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	19	0.65
(34,999)	1:46:A:ASN:HB3	1:134:A:VAL:HB	1	0.65
(34,947)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	18	0.65
(34,947)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	18	0.65
(34,947)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	18	0.65
(34,947)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	18	0.65
(34,826)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	18	0.65
(34,826)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	18	0.65
(34,826)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	18	0.65
(34,823)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	6	0.65
(34,823)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	6	0.65
(34,823)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	6	0.65
(34,807)	1:55:A:GLY:H	1:58:A:ILE:HD11	17	0.65
(34,807)	1:55:A:GLY:H	1:58:A:ILE:HD12	17	0.65
(34,807)	1:55:A:GLY:H	1:58:A:ILE:HD13	17	0.65
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG11	10	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG12	10	0.65
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG13	10	0.65
(34,643)	1:59:A:CYS:H	1:60:A:LEU:HB3	4	0.65
(34,530)	1:70:A:LYS:HG3	1:71:A:LYS:H	11	0.65
(34,126)	1:79:A:THR:HB	1:80:A:TYR:H	17	0.65
(34,16)	1:64:A:LYS:H	1:64:A:LYS:HD2	17	0.65
(34,16)	1:64:A:LYS:H	1:64:A:LYS:HD3	17	0.65
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD11	10	0.65
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD12	10	0.65
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD13	10	0.65
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD21	10	0.65
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD22	10	0.65
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD23	10	0.65
(33,2041)	1:23:A:LEU:HD11	1:27:A:ARG:HA	8	0.65
(33,2041)	1:23:A:LEU:HD12	1:27:A:ARG:HA	8	0.65
(33,2041)	1:23:A:LEU:HD13	1:27:A:ARG:HA	8	0.65
(33,2041)	1:23:A:LEU:HD21	1:27:A:ARG:HA	8	0.65
(33,2041)	1:23:A:LEU:HD22	1:27:A:ARG:HA	8	0.65
(33,2041)	1:23:A:LEU:HD23	1:27:A:ARG:HA	8	0.65
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG11	8	0.65
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG12	8	0.65
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG13	8	0.65
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG21	8	0.65
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG22	8	0.65
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG23	8	0.65
(33,1992)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	9	0.65
(33,1992)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	9	0.65
(33,1992)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	9	0.65
(33,1992)	1:14:A:VAL:HG11	1:60:A:LEU:HD21	9	0.65
(33,1992)	1:14:A:VAL:HG11	1:60:A:LEU:HD22	9	0.65
(33,1992)	1:14:A:VAL:HG11	1:60:A:LEU:HD23	9	0.65
(33,1992)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	9	0.65
(33,1992)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	9	0.65
(33,1992)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	9	0.65
(33,1992)	1:14:A:VAL:HG12	1:60:A:LEU:HD21	9	0.65
(33,1992)	1:14:A:VAL:HG12	1:60:A:LEU:HD22	9	0.65
(33,1992)	1:14:A:VAL:HG12	1:60:A:LEU:HD23	9	0.65
(33,1992)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	9	0.65
(33,1992)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	9	0.65
(33,1992)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	9	0.65
(33,1992)	1:14:A:VAL:HG13	1:60:A:LEU:HD21	9	0.65
(33,1992)	1:14:A:VAL:HG13	1:60:A:LEU:HD22	9	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1992)	1:14:A:VAL:HG13	1:60:A:LEU:HD23	9	0.65
(33,1992)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	9	0.65
(33,1992)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	9	0.65
(33,1992)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	9	0.65
(33,1992)	1:14:A:VAL:HG21	1:60:A:LEU:HD21	9	0.65
(33,1992)	1:14:A:VAL:HG21	1:60:A:LEU:HD22	9	0.65
(33,1992)	1:14:A:VAL:HG21	1:60:A:LEU:HD23	9	0.65
(33,1992)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	9	0.65
(33,1992)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	9	0.65
(33,1992)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	9	0.65
(33,1992)	1:14:A:VAL:HG22	1:60:A:LEU:HD21	9	0.65
(33,1992)	1:14:A:VAL:HG22	1:60:A:LEU:HD22	9	0.65
(33,1992)	1:14:A:VAL:HG22	1:60:A:LEU:HD23	9	0.65
(33,1992)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	9	0.65
(33,1992)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	9	0.65
(33,1992)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	9	0.65
(33,1992)	1:14:A:VAL:HG23	1:60:A:LEU:HD21	9	0.65
(33,1992)	1:14:A:VAL:HG23	1:60:A:LEU:HD22	9	0.65
(33,1992)	1:14:A:VAL:HG23	1:60:A:LEU:HD23	9	0.65
(33,1908)	1:13:A:ALA:H	1:80:A:TYR:HE1	13	0.65
(33,1908)	1:13:A:ALA:H	1:80:A:TYR:HE2	13	0.65
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	9	0.65
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	9	0.65
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	9	0.65
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	9	0.65
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	13	0.65
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	13	0.65
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	13	0.65
(33,1581)	1:63:A:ILE:HG21	1:113:A:PHE:HA	17	0.65
(33,1581)	1:63:A:ILE:HG22	1:113:A:PHE:HA	17	0.65
(33,1581)	1:63:A:ILE:HG23	1:113:A:PHE:HA	17	0.65
(33,1523)	1:66:A:THR:HG21	1:69:A:MET:HE1	7	0.65
(33,1523)	1:66:A:THR:HG21	1:69:A:MET:HE2	7	0.65
(33,1523)	1:66:A:THR:HG21	1:69:A:MET:HE3	7	0.65
(33,1523)	1:66:A:THR:HG22	1:69:A:MET:HE1	7	0.65
(33,1523)	1:66:A:THR:HG22	1:69:A:MET:HE2	7	0.65
(33,1523)	1:66:A:THR:HG22	1:69:A:MET:HE3	7	0.65
(33,1523)	1:66:A:THR:HG23	1:69:A:MET:HE1	7	0.65
(33,1523)	1:66:A:THR:HG23	1:69:A:MET:HE2	7	0.65
(33,1523)	1:66:A:THR:HG23	1:69:A:MET:HE3	7	0.65
(33,1473)	1:101:A:ILE:HG21	1:115:A:ALA:HA	19	0.65
(33,1473)	1:101:A:ILE:HG22	1:115:A:ALA:HA	19	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1473)	1:101:A:ILE:HG23	1:115:A:ALA:HA	19	0.65
(33,1269)	1:118:A:ASP:HA	1:121:A:VAL:HG11	15	0.65
(33,1269)	1:118:A:ASP:HA	1:121:A:VAL:HG12	15	0.65
(33,1269)	1:118:A:ASP:HA	1:121:A:VAL:HG13	15	0.65
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD11	7	0.65
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD12	7	0.65
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD13	7	0.65
(33,1083)	1:48:A:ARG:HG2	1:49:A:LYS:HA	10	0.65
(33,1083)	1:48:A:ARG:HG3	1:49:A:LYS:HA	10	0.65
(33,934)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	18	0.65
(33,934)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	18	0.65
(33,934)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	18	0.65
(33,934)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	18	0.65
(33,819)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	6	0.65
(33,819)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	6	0.65
(33,819)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	6	0.65
(33,801)	1:54:A:ARG:HE	1:58:A:ILE:HD11	3	0.65
(33,801)	1:54:A:ARG:HE	1:58:A:ILE:HD12	3	0.65
(33,801)	1:54:A:ARG:HE	1:58:A:ILE:HD13	3	0.65
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG11	10	0.65
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG12	10	0.65
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG13	10	0.65
(33,469)	1:48:A:ARG:HA	1:53:A:THR:H	7	0.65
(33,121)	1:79:A:THR:HB	1:80:A:TYR:H	17	0.65
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD11	10	0.65
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD12	10	0.65
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD13	10	0.65
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD21	10	0.65
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD22	10	0.65
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD23	10	0.65
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD11	7	0.65
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD12	7	0.65
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD13	7	0.65
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD21	7	0.65
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD22	7	0.65
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD23	7	0.65
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG2	13	0.65
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG3	13	0.65
(32,2138)	1:44:A:GLU:H	1:44:A:GLU:HG2	11	0.65
(32,2138)	1:44:A:GLU:H	1:44:A:GLU:HG3	11	0.65
(32,1872)	1:13:A:ALA:H	1:80:A:TYR:HE1	13	0.65
(32,1872)	1:13:A:ALA:H	1:80:A:TYR:HE2	13	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1830)	1:18:A:PHE:HA	1:113:A:PHE:HE1	7	0.65
(32,1830)	1:18:A:PHE:HA	1:113:A:PHE:HE2	7	0.65
(32,1748)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	12	0.65
(32,1748)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	12	0.65
(32,1748)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	12	0.65
(32,1748)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	12	0.65
(32,1720)	1:140:A:LEU:HD21	1:143:A:TRP:H	10	0.65
(32,1720)	1:140:A:LEU:HD22	1:143:A:TRP:H	10	0.65
(32,1720)	1:140:A:LEU:HD23	1:143:A:TRP:H	10	0.65
(32,1676)	1:14:A:VAL:H	1:79:A:THR:HG21	2	0.65
(32,1676)	1:14:A:VAL:H	1:79:A:THR:HG22	2	0.65
(32,1676)	1:14:A:VAL:H	1:79:A:THR:HG23	2	0.65
(32,1589)	1:13:A:ALA:HA	1:80:A:TYR:HB3	8	0.65
(32,1554)	1:63:A:ILE:HG21	1:113:A:PHE:HA	17	0.65
(32,1554)	1:63:A:ILE:HG22	1:113:A:PHE:HA	17	0.65
(32,1554)	1:63:A:ILE:HG23	1:113:A:PHE:HA	17	0.65
(32,1441)	1:101:A:ILE:HG21	1:115:A:ALA:HA	19	0.65
(32,1441)	1:101:A:ILE:HG22	1:115:A:ALA:HA	19	0.65
(32,1441)	1:101:A:ILE:HG23	1:115:A:ALA:HA	19	0.65
(32,458)	1:48:A:ARG:HA	1:53:A:THR:H	7	0.65
(32,180)	1:44:A:GLU:H	1:44:A:GLU:HG3	9	0.65
(32,120)	1:79:A:THR:HB	1:80:A:TYR:H	17	0.65
(30,2457)	1:140:A:LEU:HD11	1:144:A:LEU:H	14	0.65
(30,2457)	1:140:A:LEU:HD12	1:144:A:LEU:H	14	0.65
(30,2457)	1:140:A:LEU:HD13	1:144:A:LEU:H	14	0.65
(30,2457)	1:140:A:LEU:HD21	1:144:A:LEU:H	14	0.65
(30,2457)	1:140:A:LEU:HD22	1:144:A:LEU:H	14	0.65
(30,2457)	1:140:A:LEU:HD23	1:144:A:LEU:H	14	0.65
(30,2392)	1:124:A:THR:H	1:127:A:CYS:HB2	2	0.65
(30,2392)	1:124:A:THR:H	1:127:A:CYS:HB3	2	0.65
(30,2084)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	13	0.65
(30,2084)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	13	0.65
(30,2084)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	13	0.65
(30,2084)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	13	0.65
(30,2084)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	13	0.65
(30,2084)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	13	0.65
(30,2000)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	12	0.65
(30,2000)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	12	0.65
(30,2000)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	12	0.65
(30,2000)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	12	0.65
(30,2000)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	12	0.65
(30,2000)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	12	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2000)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	12	0.65
(30,2000)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	12	0.65
(30,2000)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	12	0.65
(30,2000)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	12	0.65
(30,2000)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	12	0.65
(30,2000)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	12	0.65
(30,2000)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	12	0.65
(30,2000)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	12	0.65
(30,2000)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	12	0.65
(30,2000)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	12	0.65
(30,2000)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	12	0.65
(30,2000)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	12	0.65
(30,2000)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	12	0.65
(30,2000)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	12	0.65
(30,2000)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	12	0.65
(30,2000)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	12	0.65
(30,2000)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	12	0.65
(30,2000)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	12	0.65
(30,2000)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	12	0.65
(30,2000)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	12	0.65
(30,2000)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	12	0.65
(30,2000)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	12	0.65
(30,2000)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	12	0.65
(30,2000)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	12	0.65
(30,2000)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	12	0.65
(30,2000)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	12	0.65
(30,2000)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	12	0.65
(30,2000)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	12	0.65
(30,2000)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	12	0.65
(30,2000)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	12	0.65
(30,1827)	1:9:A:PHE:HZ	1:57:A:LEU:HA	3	0.65
(30,1670)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	5	0.65
(30,1670)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	5	0.65
(30,1670)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	5	0.65
(30,1670)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	5	0.65
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE1	19	0.65
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE2	19	0.65
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE3	19	0.65
(30,1458)	1:15:A:ALA:HB1	1:132:A:ALA:HA	7	0.65
(30,1458)	1:15:A:ALA:HB2	1:132:A:ALA:HA	7	0.65
(30,1458)	1:15:A:ALA:HB3	1:132:A:ALA:HA	7	0.65
(30,1295)	1:60:A:LEU:HA	1:60:A:LEU:HD21	7	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1295)	1:60:A:LEU:HA	1:60:A:LEU:HD22	7	0.65
(30,1295)	1:60:A:LEU:HA	1:60:A:LEU:HD23	7	0.65
(30,1288)	1:66:A:THR:HG21	1:104:A:PHE:HE1	6	0.65
(30,1288)	1:66:A:THR:HG21	1:104:A:PHE:HE2	6	0.65
(30,1288)	1:66:A:THR:HG22	1:104:A:PHE:HE1	6	0.65
(30,1288)	1:66:A:THR:HG22	1:104:A:PHE:HE2	6	0.65
(30,1288)	1:66:A:THR:HG23	1:104:A:PHE:HE1	6	0.65
(30,1288)	1:66:A:THR:HG23	1:104:A:PHE:HE2	6	0.65
(30,1222)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	5	0.65
(30,1222)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	5	0.65
(30,1222)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	5	0.65
(30,937)	1:14:A:VAL:HA	1:18:A:PHE:HD1	6	0.65
(30,937)	1:14:A:VAL:HA	1:18:A:PHE:HD2	6	0.65
(30,836)	1:103:A:ARG:HA	1:103:A:ARG:HD2	10	0.65
(30,836)	1:103:A:ARG:HA	1:103:A:ARG:HD3	10	0.65
(30,816)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	18	0.65
(30,816)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	18	0.65
(30,816)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	18	0.65
(30,813)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	6	0.65
(30,813)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	6	0.65
(30,813)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	6	0.65
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	8	0.65
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	8	0.65
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	8	0.65
(29,2395)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	3	0.65
(29,2395)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	3	0.65
(29,2395)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	3	0.65
(29,2395)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	3	0.65
(29,2395)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	3	0.65
(29,2395)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	3	0.65
(29,2381)	1:129:A:LYS:HB2	1:133:A:ASN:HB2	19	0.65
(29,2381)	1:129:A:LYS:HB2	1:133:A:ASN:HB3	19	0.65
(29,2381)	1:129:A:LYS:HB3	1:133:A:ASN:HB2	19	0.65
(29,2381)	1:129:A:LYS:HB3	1:133:A:ASN:HB3	19	0.65
(29,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	18	0.65
(29,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	18	0.65
(29,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	18	0.65
(29,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	18	0.65
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	19	0.65
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	19	0.65
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	19	0.65
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	19	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	19	0.65
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	19	0.65
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	19	0.65
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	19	0.65
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	19	0.65
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	19	0.65
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	19	0.65
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	19	0.65
(29,2071)	1:31:A:PRO:HB2	1:35:A:LEU:HD11	3	0.65
(29,2071)	1:31:A:PRO:HB2	1:35:A:LEU:HD12	3	0.65
(29,2071)	1:31:A:PRO:HB2	1:35:A:LEU:HD13	3	0.65
(29,2071)	1:31:A:PRO:HB2	1:35:A:LEU:HD21	3	0.65
(29,2071)	1:31:A:PRO:HB2	1:35:A:LEU:HD22	3	0.65
(29,2071)	1:31:A:PRO:HB2	1:35:A:LEU:HD23	3	0.65
(29,2071)	1:31:A:PRO:HB3	1:35:A:LEU:HD11	3	0.65
(29,2071)	1:31:A:PRO:HB3	1:35:A:LEU:HD12	3	0.65
(29,2071)	1:31:A:PRO:HB3	1:35:A:LEU:HD13	3	0.65
(29,2071)	1:31:A:PRO:HB3	1:35:A:LEU:HD21	3	0.65
(29,2071)	1:31:A:PRO:HB3	1:35:A:LEU:HD22	3	0.65
(29,2071)	1:31:A:PRO:HB3	1:35:A:LEU:HD23	3	0.65
(29,1929)	1:13:A:ALA:H	1:80:A:TYR:HE1	13	0.65
(29,1929)	1:13:A:ALA:H	1:80:A:TYR:HE2	13	0.65
(29,1920)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	15	0.65
(29,1920)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	15	0.65
(29,1894)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	9	0.65
(29,1894)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	9	0.65
(29,1894)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	9	0.65
(29,1894)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	9	0.65
(29,1882)	1:18:A:PHE:HA	1:113:A:PHE:HE1	7	0.65
(29,1882)	1:18:A:PHE:HA	1:113:A:PHE:HE2	7	0.65
(29,1711)	1:53:A:THR:H	1:124:A:THR:HB	3	0.65
(29,1680)	1:69:A:MET:HE1	1:116:A:GLN:HG3	15	0.65
(29,1680)	1:69:A:MET:HE2	1:116:A:GLN:HG3	15	0.65
(29,1680)	1:69:A:MET:HE3	1:116:A:GLN:HG3	15	0.65
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG11	6	0.65
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG12	6	0.65
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG13	6	0.65
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	17	0.65
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	17	0.65
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	17	0.65
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	17	0.65
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	17	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	17	0.65
(29,1545)	1:66:A:THR:HG21	1:69:A:MET:HE1	7	0.65
(29,1545)	1:66:A:THR:HG21	1:69:A:MET:HE2	7	0.65
(29,1545)	1:66:A:THR:HG21	1:69:A:MET:HE3	7	0.65
(29,1545)	1:66:A:THR:HG22	1:69:A:MET:HE1	7	0.65
(29,1545)	1:66:A:THR:HG22	1:69:A:MET:HE2	7	0.65
(29,1545)	1:66:A:THR:HG22	1:69:A:MET:HE3	7	0.65
(29,1545)	1:66:A:THR:HG23	1:69:A:MET:HE1	7	0.65
(29,1545)	1:66:A:THR:HG23	1:69:A:MET:HE2	7	0.65
(29,1545)	1:66:A:THR:HG23	1:69:A:MET:HE3	7	0.65
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE1	6	0.65
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE2	6	0.65
(29,1517)	1:40:A:LEU:HA	1:43:A:MET:HE3	6	0.65
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE1	1	0.65
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE2	1	0.65
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE3	1	0.65
(29,1489)	1:101:A:ILE:HG21	1:115:A:ALA:HA	19	0.65
(29,1489)	1:101:A:ILE:HG22	1:115:A:ALA:HA	19	0.65
(29,1489)	1:101:A:ILE:HG23	1:115:A:ALA:HA	19	0.65
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG21	1	0.65
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG22	1	0.65
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG23	1	0.65
(29,1259)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	18	0.65
(29,1259)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	18	0.65
(29,1259)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	18	0.65
(29,1259)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	18	0.65
(29,1259)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	18	0.65
(29,1259)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	18	0.65
(29,1041)	1:11:A:ILE:HG12	1:44:A:GLU:HB2	10	0.65
(29,1041)	1:11:A:ILE:HG12	1:44:A:GLU:HB3	10	0.65
(29,1040)	1:8:A:ASP:H	1:58:A:ILE:HG12	13	0.65
(29,998)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	15	0.65
(29,998)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	15	0.65
(29,831)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	6	0.65
(29,831)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	6	0.65
(29,831)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	6	0.65
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	8	0.65
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	8	0.65
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	8	0.65
(29,476)	1:48:A:ARG:HA	1:53:A:THR:H	7	0.65
(29,312)	1:43:A:MET:H	1:140:A:LEU:HD11	2	0.65
(29,312)	1:43:A:MET:H	1:140:A:LEU:HD12	2	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,312)	1:43:A:MET:H	1:140:A:LEU:HD13	2	0.65
(29,127)	1:79:A:THR:HB	1:80:A:TYR:H	17	0.65
(29,17)	1:64:A:LYS:H	1:64:A:LYS:HD2	17	0.65
(29,17)	1:64:A:LYS:H	1:64:A:LYS:HD3	17	0.65
(29,8)	1:64:A:LYS:H	1:116:A:GLN:HE22	13	0.65
(23,19)	1:120:A:CYS:N	1:116:A:GLN:O	7	0.65
(23,19)	1:120:A:CYS:N	1:116:A:GLN:O	18	0.65
(23,16)	1:117:A:VAL:N	1:113:A:PHE:O	9	0.65
(23,16)	1:117:A:VAL:N	1:113:A:PHE:O	14	0.65
(23,15)	1:116:A:GLN:N	1:112:A:GLN:O	12	0.65
(23,10)	1:101:A:ILE:N	1:98:A:ILE:O	1	0.65
(23,10)	1:101:A:ILE:N	1:98:A:ILE:O	3	0.65
(23,10)	1:101:A:ILE:N	1:98:A:ILE:O	16	0.65
(23,7)	1:60:A:LEU:N	1:56:A:CYS:O	15	0.65
(22,42)	1:129:A:LYS:N	1:125:A:THR:C	9	0.65
(22,40)	1:128:A:LEU:N	1:124:A:THR:C	10	0.65
(22,36)	1:119:A:LEU:N	1:115:A:ALA:C	7	0.65
(22,36)	1:119:A:LEU:N	1:115:A:ALA:C	13	0.65
(22,35)	1:119:A:LEU:H	1:115:A:ALA:C	4	0.65
(22,32)	1:117:A:VAL:N	1:113:A:PHE:C	15	0.65
(22,9)	1:58:A:ILE:H	1:54:A:ARG:C	13	0.65
(22,2)	1:17:A:ASN:N	1:13:A:ALA:C	6	0.65
(22,2)	1:17:A:ASN:N	1:13:A:ALA:C	10	0.65
(19,19)	1:56:A:CYS:SG	1:127:A:CYS:CB	18	0.65
(18,2148)	1:44:A:GLU:H	1:44:A:GLU:HG2	11	0.65
(18,2148)	1:44:A:GLU:H	1:44:A:GLU:HG3	11	0.65
(18,1901)	1:13:A:ALA:H	1:80:A:TYR:HE1	13	0.65
(18,1901)	1:13:A:ALA:H	1:80:A:TYR:HE2	13	0.65
(18,1892)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	15	0.65
(18,1892)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	15	0.65
(18,1887)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	15	0.65
(18,1887)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	15	0.65
(18,1887)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	15	0.65
(18,1887)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	15	0.65
(18,1887)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	15	0.65
(18,1887)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	15	0.65
(18,1834)	1:80:A:TYR:HE1	1:81:A:GLU:HB3	12	0.65
(18,1834)	1:80:A:TYR:HE2	1:81:A:GLU:HB3	12	0.65
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	5	0.65
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	5	0.65
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	5	0.65
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	11	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	11	0.65
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	11	0.65
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	11	0.65
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	11	0.65
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	11	0.65
(18,1749)	1:97:A:ASP:HA	1:105:A:LYS:HA	5	0.65
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	17	0.65
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	17	0.65
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	17	0.65
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	17	0.65
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	17	0.65
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	17	0.65
(18,1577)	1:63:A:ILE:HG21	1:113:A:PHE:HA	17	0.65
(18,1577)	1:63:A:ILE:HG22	1:113:A:PHE:HA	17	0.65
(18,1577)	1:63:A:ILE:HG23	1:113:A:PHE:HA	17	0.65
(18,1522)	1:66:A:THR:HG21	1:69:A:MET:HE1	7	0.65
(18,1522)	1:66:A:THR:HG21	1:69:A:MET:HE2	7	0.65
(18,1522)	1:66:A:THR:HG21	1:69:A:MET:HE3	7	0.65
(18,1522)	1:66:A:THR:HG22	1:69:A:MET:HE1	7	0.65
(18,1522)	1:66:A:THR:HG22	1:69:A:MET:HE2	7	0.65
(18,1522)	1:66:A:THR:HG22	1:69:A:MET:HE3	7	0.65
(18,1522)	1:66:A:THR:HG23	1:69:A:MET:HE1	7	0.65
(18,1522)	1:66:A:THR:HG23	1:69:A:MET:HE2	7	0.65
(18,1522)	1:66:A:THR:HG23	1:69:A:MET:HE3	7	0.65
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG21	1	0.65
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG22	1	0.65
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG23	1	0.65
(18,828)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	6	0.65
(18,828)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	6	0.65
(18,828)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	6	0.65
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	1	0.65
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	1	0.65
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	1	0.65
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	1	0.65
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	1	0.65
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	1	0.65
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	1	0.65
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	1	0.65
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	1	0.65
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	11	0.65
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	11	0.65
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	11	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	11	0.65
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	11	0.65
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	11	0.65
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	11	0.65
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	11	0.65
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	11	0.65
(18,811)	1:54:A:ARG:HE	1:58:A:ILE:HD11	3	0.65
(18,811)	1:54:A:ARG:HE	1:58:A:ILE:HD12	3	0.65
(18,811)	1:54:A:ARG:HE	1:58:A:ILE:HD13	3	0.65
(18,516)	1:101:A:ILE:HD11	1:105:A:LYS:H	6	0.65
(18,516)	1:101:A:ILE:HD12	1:105:A:LYS:H	6	0.65
(18,516)	1:101:A:ILE:HD13	1:105:A:LYS:H	6	0.65
(18,322)	1:11:A:ILE:HD11	1:43:A:MET:H	7	0.65
(18,322)	1:11:A:ILE:HD12	1:43:A:MET:H	7	0.65
(18,322)	1:11:A:ILE:HD13	1:43:A:MET:H	7	0.65
(18,322)	1:11:A:ILE:HD11	1:43:A:MET:H	16	0.65
(18,322)	1:11:A:ILE:HD12	1:43:A:MET:H	16	0.65
(18,322)	1:11:A:ILE:HD13	1:43:A:MET:H	16	0.65
(18,239)	1:112:A:GLN:HG2	1:114:A:ILE:H	13	0.65
(18,239)	1:112:A:GLN:HG3	1:114:A:ILE:H	13	0.65
(18,211)	1:101:A:ILE:H	1:104:A:PHE:HB2	5	0.65
(18,194)	1:44:A:GLU:H	1:44:A:GLU:HG3	9	0.65
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD11	1	0.65
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD12	1	0.65
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD13	1	0.65
(18,15)	1:64:A:LYS:H	1:64:A:LYS:HD2	17	0.65
(18,15)	1:64:A:LYS:H	1:64:A:LYS:HD3	17	0.65
(18,11)	1:64:A:LYS:H	1:64:A:LYS:HE2	16	0.65
(18,11)	1:64:A:LYS:H	1:64:A:LYS:HE3	16	0.65
(18,7)	1:64:A:LYS:H	1:116:A:GLN:HE22	13	0.65
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG11	19	0.65
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG12	19	0.65
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG13	19	0.65
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG21	19	0.65
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG22	19	0.65
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG23	19	0.65
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	19	0.65
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	19	0.65
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	19	0.65
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	19	0.65
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	19	0.65
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	19	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2070)	1:31:A:PRO:HB2	1:35:A:LEU:HD11	3	0.65
(17,2070)	1:31:A:PRO:HB2	1:35:A:LEU:HD12	3	0.65
(17,2070)	1:31:A:PRO:HB2	1:35:A:LEU:HD13	3	0.65
(17,2070)	1:31:A:PRO:HB2	1:35:A:LEU:HD21	3	0.65
(17,2070)	1:31:A:PRO:HB2	1:35:A:LEU:HD22	3	0.65
(17,2070)	1:31:A:PRO:HB2	1:35:A:LEU:HD23	3	0.65
(17,2070)	1:31:A:PRO:HB3	1:35:A:LEU:HD11	3	0.65
(17,2070)	1:31:A:PRO:HB3	1:35:A:LEU:HD12	3	0.65
(17,2070)	1:31:A:PRO:HB3	1:35:A:LEU:HD13	3	0.65
(17,2070)	1:31:A:PRO:HB3	1:35:A:LEU:HD21	3	0.65
(17,2070)	1:31:A:PRO:HB3	1:35:A:LEU:HD22	3	0.65
(17,2070)	1:31:A:PRO:HB3	1:35:A:LEU:HD23	3	0.65
(17,1926)	1:13:A:ALA:H	1:80:A:TYR:HE1	13	0.65
(17,1926)	1:13:A:ALA:H	1:80:A:TYR:HE2	13	0.65
(17,1913)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	15	0.65
(17,1913)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	15	0.65
(17,1913)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	15	0.65
(17,1913)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	15	0.65
(17,1913)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	15	0.65
(17,1913)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	15	0.65
(17,1841)	1:9:A:PHE:HZ	1:57:A:LEU:HA	3	0.65
(17,1781)	1:97:A:ASP:HA	1:105:A:LYS:HA	5	0.65
(17,1674)	1:69:A:MET:HE1	1:116:A:GLN:HG3	1	0.65
(17,1674)	1:69:A:MET:HE2	1:116:A:GLN:HG3	1	0.65
(17,1674)	1:69:A:MET:HE3	1:116:A:GLN:HG3	1	0.65
(17,1643)	1:13:A:ALA:HA	1:80:A:TYR:HB3	8	0.65
(17,1609)	1:63:A:ILE:HG21	1:113:A:PHE:HA	17	0.65
(17,1609)	1:63:A:ILE:HG22	1:113:A:PHE:HA	17	0.65
(17,1609)	1:63:A:ILE:HG23	1:113:A:PHE:HA	17	0.65
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE1	19	0.65
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE2	19	0.65
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE3	19	0.65
(17,1396)	1:103:A:ARG:HD2	1:107:A:LEU:HD11	12	0.65
(17,1396)	1:103:A:ARG:HD2	1:107:A:LEU:HD12	12	0.65
(17,1396)	1:103:A:ARG:HD2	1:107:A:LEU:HD13	12	0.65
(17,1396)	1:103:A:ARG:HD3	1:107:A:LEU:HD11	12	0.65
(17,1396)	1:103:A:ARG:HD3	1:107:A:LEU:HD12	12	0.65
(17,1396)	1:103:A:ARG:HD3	1:107:A:LEU:HD13	12	0.65
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD21	10	0.65
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD22	10	0.65
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD23	10	0.65
(17,1309)	1:60:A:LEU:HA	1:60:A:LEU:HD21	7	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1309)	1:60:A:LEU:HA	1:60:A:LEU:HD22	7	0.65
(17,1309)	1:60:A:LEU:HA	1:60:A:LEU:HD23	7	0.65
(17,1302)	1:66:A:THR:HG21	1:104:A:PHE:HE1	6	0.65
(17,1302)	1:66:A:THR:HG21	1:104:A:PHE:HE2	6	0.65
(17,1302)	1:66:A:THR:HG22	1:104:A:PHE:HE1	6	0.65
(17,1302)	1:66:A:THR:HG22	1:104:A:PHE:HE2	6	0.65
(17,1302)	1:66:A:THR:HG23	1:104:A:PHE:HE1	6	0.65
(17,1302)	1:66:A:THR:HG23	1:104:A:PHE:HE2	6	0.65
(17,1262)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	8	0.65
(17,1262)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	8	0.65
(17,1262)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	8	0.65
(17,1262)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	8	0.65
(17,1262)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	8	0.65
(17,1262)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	8	0.65
(17,1262)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	8	0.65
(17,1262)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	8	0.65
(17,1262)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	8	0.65
(17,931)	1:125:A:THR:HB	1:128:A:LEU:HG	14	0.65
(17,893)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	8	0.65
(17,893)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	8	0.65
(17,893)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	8	0.65
(17,853)	1:43:A:MET:HE1	1:144:A:LEU:HB3	17	0.65
(17,853)	1:43:A:MET:HE2	1:144:A:LEU:HB3	17	0.65
(17,853)	1:43:A:MET:HE3	1:144:A:LEU:HB3	17	0.65
(17,853)	1:43:A:MET:HE1	1:144:A:LEU:HB2	17	0.65
(17,853)	1:43:A:MET:HE2	1:144:A:LEU:HB2	17	0.65
(17,853)	1:43:A:MET:HE3	1:144:A:LEU:HB2	17	0.65
(17,826)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	6	0.65
(17,826)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	6	0.65
(17,826)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	6	0.65
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	8	0.65
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	8	0.65
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	8	0.65
(17,189)	1:44:A:GLU:H	1:44:A:GLU:HG3	9	0.65
(17,189)	1:44:A:GLU:H	1:44:A:GLU:HG2	9	0.65
(17,123)	1:79:A:THR:HB	1:80:A:TYR:H	17	0.65
(17,60)	1:34:A:LYS:H	1:81:A:GLU:H	10	0.65
(17,7)	1:64:A:LYS:H	1:116:A:GLN:HE22	13	0.65
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG11	9	0.65
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG12	9	0.65
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG13	9	0.65
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG21	9	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG22	9	0.65
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG23	9	0.65
(16,2154)	1:44:A:GLU:H	1:44:A:GLU:HG2	9	0.65
(16,2154)	1:44:A:GLU:H	1:44:A:GLU:HG3	9	0.65
(16,1896)	1:13:A:ALA:H	1:80:A:TYR:HE1	13	0.65
(16,1896)	1:13:A:ALA:H	1:80:A:TYR:HE2	13	0.65
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	5	0.65
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	5	0.65
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	5	0.65
(16,1711)	1:14:A:VAL:H	1:79:A:THR:HG21	2	0.65
(16,1711)	1:14:A:VAL:H	1:79:A:THR:HG22	2	0.65
(16,1711)	1:14:A:VAL:H	1:79:A:THR:HG23	2	0.65
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG11	6	0.65
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG12	6	0.65
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG13	6	0.65
(16,1638)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	1	0.65
(16,1638)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	1	0.65
(16,1638)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	1	0.65
(16,1638)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	1	0.65
(16,1638)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	1	0.65
(16,1638)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	1	0.65
(16,1638)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	1	0.65
(16,1638)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	1	0.65
(16,1638)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	1	0.65
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD21	10	0.65
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD22	10	0.65
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD23	10	0.65
(16,1531)	1:69:A:MET:HE1	1:76:A:ARG:HG2	3	0.65
(16,1531)	1:69:A:MET:HE1	1:76:A:ARG:HG3	3	0.65
(16,1531)	1:69:A:MET:HE2	1:76:A:ARG:HG2	3	0.65
(16,1531)	1:69:A:MET:HE2	1:76:A:ARG:HG3	3	0.65
(16,1531)	1:69:A:MET:HE3	1:76:A:ARG:HG2	3	0.65
(16,1531)	1:69:A:MET:HE3	1:76:A:ARG:HG3	3	0.65
(16,1296)	1:66:A:THR:HG21	1:104:A:PHE:HE1	6	0.65
(16,1296)	1:66:A:THR:HG21	1:104:A:PHE:HE2	6	0.65
(16,1296)	1:66:A:THR:HG22	1:104:A:PHE:HE1	6	0.65
(16,1296)	1:66:A:THR:HG22	1:104:A:PHE:HE2	6	0.65
(16,1296)	1:66:A:THR:HG23	1:104:A:PHE:HE1	6	0.65
(16,1296)	1:66:A:THR:HG23	1:104:A:PHE:HE2	6	0.65
(16,1121)	1:146:A:GLN:HA	1:147:A:ARG:HG2	1	0.65
(16,1121)	1:146:A:GLN:HA	1:147:A:ARG:HG3	1	0.65
(16,1041)	1:11:A:ILE:HG12	1:44:A:GLU:HB2	10	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1041)	1:11:A:ILE:HG12	1:44:A:GLU:HB3	10	0.65
(16,727)	1:63:A:ILE:HG12	1:116:A:GLN:HE22	12	0.65
(16,475)	1:48:A:ARG:HA	1:53:A:THR:H	7	0.65
(16,380)	1:40:A:LEU:HB2	1:41:A:LYS:H	10	0.65
(16,303)	1:43:A:MET:H	1:43:A:MET:HG2	14	0.65
(16,222)	1:44:A:GLU:HB2	1:48:A:ARG:H	9	0.65
(16,222)	1:44:A:GLU:HB3	1:48:A:ARG:H	9	0.65
(16,12)	1:64:A:LYS:H	1:64:A:LYS:HE2	16	0.65
(16,12)	1:64:A:LYS:H	1:64:A:LYS:HE3	16	0.65
(16,8)	1:64:A:LYS:H	1:116:A:GLN:HE22	13	0.65
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB2	17	0.65
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB3	17	0.65
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB2	17	0.65
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB3	17	0.65
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB2	17	0.65
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB3	17	0.65
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB2	17	0.65
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB3	17	0.65
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB2	17	0.65
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB3	17	0.65
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB2	17	0.65
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB3	17	0.65
(15,2397)	1:124:A:THR:H	1:127:A:CYS:HB2	2	0.65
(15,2397)	1:124:A:THR:H	1:127:A:CYS:HB3	2	0.65
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	19	0.65
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	19	0.65
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	19	0.65
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	19	0.65
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	19	0.65
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	19	0.65
(15,2031)	1:31:A:PRO:HB2	1:35:A:LEU:HD11	3	0.65
(15,2031)	1:31:A:PRO:HB2	1:35:A:LEU:HD12	3	0.65
(15,2031)	1:31:A:PRO:HB2	1:35:A:LEU:HD13	3	0.65
(15,2031)	1:31:A:PRO:HB2	1:35:A:LEU:HD21	3	0.65
(15,2031)	1:31:A:PRO:HB2	1:35:A:LEU:HD22	3	0.65
(15,2031)	1:31:A:PRO:HB2	1:35:A:LEU:HD23	3	0.65
(15,2031)	1:31:A:PRO:HB3	1:35:A:LEU:HD11	3	0.65
(15,2031)	1:31:A:PRO:HB3	1:35:A:LEU:HD12	3	0.65
(15,2031)	1:31:A:PRO:HB3	1:35:A:LEU:HD13	3	0.65
(15,2031)	1:31:A:PRO:HB3	1:35:A:LEU:HD21	3	0.65
(15,2031)	1:31:A:PRO:HB3	1:35:A:LEU:HD22	3	0.65
(15,2031)	1:31:A:PRO:HB3	1:35:A:LEU:HD23	3	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1799)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	15	0.65
(15,1799)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	15	0.65
(15,1585)	1:63:A:ILE:HG21	1:113:A:PHE:HA	17	0.65
(15,1585)	1:63:A:ILE:HG22	1:113:A:PHE:HA	17	0.65
(15,1585)	1:63:A:ILE:HG23	1:113:A:PHE:HA	17	0.65
(15,1473)	1:101:A:ILE:HG21	1:115:A:ALA:HA	19	0.65
(15,1473)	1:101:A:ILE:HG22	1:115:A:ALA:HA	19	0.65
(15,1473)	1:101:A:ILE:HG23	1:115:A:ALA:HA	19	0.65
(15,1257)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	8	0.65
(15,1257)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	8	0.65
(15,1257)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	8	0.65
(15,1257)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	8	0.65
(15,1257)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	8	0.65
(15,1257)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	8	0.65
(15,1257)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	8	0.65
(15,1257)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	8	0.65
(15,1257)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	8	0.65
(15,1035)	1:63:A:ILE:HG12	1:116:A:GLN:HG3	13	0.65
(15,956)	1:74:A:PRO:HA	1:77:A:CYS:HB2	6	0.65
(15,948)	1:40:A:LEU:HA	1:43:A:MET:HG2	5	0.65
(15,948)	1:40:A:LEU:HA	1:43:A:MET:HG2	15	0.65
(15,926)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	18	0.65
(15,926)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	18	0.65
(15,926)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	18	0.65
(15,926)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	18	0.65
(15,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	17	0.65
(15,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	17	0.65
(15,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	17	0.65
(15,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	17	0.65
(15,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	17	0.65
(15,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	17	0.65
(15,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	17	0.65
(15,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	17	0.65
(15,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	17	0.65
(15,763)	1:37:A:LEU:H	1:40:A:LEU:HB2	2	0.65
(15,477)	1:48:A:ARG:HA	1:53:A:THR:H	7	0.65
(15,223)	1:44:A:GLU:HB2	1:48:A:ARG:H	9	0.65
(15,223)	1:44:A:GLU:HB3	1:48:A:ARG:H	9	0.65
(13,2225)	1:70:A:LYS:HG2	1:71:A:LYS:H	14	0.65
(13,2225)	1:70:A:LYS:HG3	1:71:A:LYS:H	14	0.65
(13,2225)	1:70:A:LYS:HG2	1:71:A:LYS:H	15	0.65
(13,2225)	1:70:A:LYS:HG3	1:71:A:LYS:H	15	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2080)	1:40:A:LEU:HD11	1:43:A:MET:HB3	4	0.65
(13,2080)	1:40:A:LEU:HD12	1:43:A:MET:HB3	4	0.65
(13,2080)	1:40:A:LEU:HD13	1:43:A:MET:HB3	4	0.65
(13,2080)	1:40:A:LEU:HD21	1:43:A:MET:HB3	4	0.65
(13,2080)	1:40:A:LEU:HD22	1:43:A:MET:HB3	4	0.65
(13,2080)	1:40:A:LEU:HD23	1:43:A:MET:HB3	4	0.65
(13,2080)	1:40:A:LEU:HD11	1:43:A:MET:HB3	12	0.65
(13,2080)	1:40:A:LEU:HD12	1:43:A:MET:HB3	12	0.65
(13,2080)	1:40:A:LEU:HD13	1:43:A:MET:HB3	12	0.65
(13,2080)	1:40:A:LEU:HD21	1:43:A:MET:HB3	12	0.65
(13,2080)	1:40:A:LEU:HD22	1:43:A:MET:HB3	12	0.65
(13,2080)	1:40:A:LEU:HD23	1:43:A:MET:HB3	12	0.65
(13,1929)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	3	0.65
(13,1929)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	3	0.65
(13,1929)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	3	0.65
(13,1929)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	3	0.65
(13,1929)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	3	0.65
(13,1929)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	3	0.65
(13,1929)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	3	0.65
(13,1929)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	3	0.65
(13,1929)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	3	0.65
(13,1929)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	3	0.65
(13,1929)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	3	0.65
(13,1929)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	3	0.65
(13,1929)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	3	0.65
(13,1929)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	3	0.65
(13,1929)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	3	0.65
(13,1929)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	3	0.65
(13,1929)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	3	0.65
(13,1929)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	3	0.65
(13,1921)	1:11:A:ILE:HD11	1:46:A:ASN:HD21	5	0.65
(13,1921)	1:11:A:ILE:HD11	1:46:A:ASN:HD22	5	0.65
(13,1921)	1:11:A:ILE:HD12	1:46:A:ASN:HD21	5	0.65
(13,1921)	1:11:A:ILE:HD12	1:46:A:ASN:HD22	5	0.65
(13,1921)	1:11:A:ILE:HD13	1:46:A:ASN:HD21	5	0.65
(13,1921)	1:11:A:ILE:HD13	1:46:A:ASN:HD22	5	0.65
(13,1908)	1:10:A:ASN:HD21	1:80:A:TYR:HB3	10	0.65
(13,1908)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	10	0.65
(13,1891)	1:9:A:PHE:HE1	1:54:A:ARG:HB2	14	0.65
(13,1891)	1:9:A:PHE:HE1	1:54:A:ARG:HB3	14	0.65
(13,1891)	1:9:A:PHE:HE2	1:54:A:ARG:HB2	14	0.65
(13,1891)	1:9:A:PHE:HE2	1:54:A:ARG:HB3	14	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1850)	1:18:A:PHE:HE1	1:131:A:LEU:H	18	0.65
(13,1850)	1:18:A:PHE:HE2	1:131:A:LEU:H	18	0.65
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	17	0.65
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	17	0.65
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	17	0.65
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	17	0.65
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	17	0.65
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	17	0.65
(13,1502)	1:66:A:THR:HG21	1:69:A:MET:HE1	7	0.65
(13,1502)	1:66:A:THR:HG21	1:69:A:MET:HE2	7	0.65
(13,1502)	1:66:A:THR:HG21	1:69:A:MET:HE3	7	0.65
(13,1502)	1:66:A:THR:HG22	1:69:A:MET:HE1	7	0.65
(13,1502)	1:66:A:THR:HG22	1:69:A:MET:HE2	7	0.65
(13,1502)	1:66:A:THR:HG22	1:69:A:MET:HE3	7	0.65
(13,1502)	1:66:A:THR:HG23	1:69:A:MET:HE1	7	0.65
(13,1502)	1:66:A:THR:HG23	1:69:A:MET:HE2	7	0.65
(13,1502)	1:66:A:THR:HG23	1:69:A:MET:HE3	7	0.65
(13,1426)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	12	0.65
(13,1426)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	12	0.65
(13,1426)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	12	0.65
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD21	10	0.65
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD22	10	0.65
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD23	10	0.65
(13,1268)	1:66:A:THR:HG21	1:104:A:PHE:HE1	6	0.65
(13,1268)	1:66:A:THR:HG21	1:104:A:PHE:HE2	6	0.65
(13,1268)	1:66:A:THR:HG22	1:104:A:PHE:HE1	6	0.65
(13,1268)	1:66:A:THR:HG22	1:104:A:PHE:HE2	6	0.65
(13,1268)	1:66:A:THR:HG23	1:104:A:PHE:HE1	6	0.65
(13,1268)	1:66:A:THR:HG23	1:104:A:PHE:HE2	6	0.65
(13,1201)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	5	0.65
(13,1201)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	5	0.65
(13,1201)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	5	0.65
(13,905)	1:125:A:THR:HB	1:128:A:LEU:HG	14	0.65
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	11	0.65
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	11	0.65
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	11	0.65
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	11	0.65
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	11	0.65
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	11	0.65
(13,802)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	6	0.65
(13,802)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	6	0.65
(13,802)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	6	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,574)	1:126:A:GLY:H	1:128:A:LEU:HG	19	0.65
(13,370)	1:40:A:LEU:HB2	1:41:A:LYS:H	14	0.65
(13,121)	1:79:A:THR:HB	1:80:A:TYR:H	17	0.65
(13,57)	1:34:A:LYS:H	1:81:A:GLU:H	10	0.65
(13,14)	1:64:A:LYS:H	1:64:A:LYS:HD2	17	0.65
(13,14)	1:64:A:LYS:H	1:64:A:LYS:HD3	17	0.65
(13,10)	1:64:A:LYS:H	1:64:A:LYS:HE2	16	0.65
(13,10)	1:64:A:LYS:H	1:64:A:LYS:HE3	16	0.65
(11,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	15	0.65
(11,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	15	0.65
(11,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	15	0.65
(11,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	15	0.65
(11,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	15	0.65
(11,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	15	0.65
(11,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	15	0.65
(11,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	15	0.65
(11,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	15	0.65
(11,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	15	0.65
(11,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	15	0.65
(11,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	15	0.65
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	3	0.65
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	3	0.65
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	3	0.65
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	3	0.65
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	3	0.65
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	3	0.65
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	3	0.65
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	3	0.65
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	3	0.65
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	3	0.65
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	3	0.65
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	3	0.65
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD11	6	0.65
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD12	6	0.65
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD13	6	0.65
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD21	6	0.65
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD22	6	0.65
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD23	6	0.65
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD11	6	0.65
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD12	6	0.65
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD13	6	0.65
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD21	6	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD22	6	0.65
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD23	6	0.65
(11,1978)	1:11:A:ILE:HG12	1:57:A:LEU:HD11	14	0.65
(11,1978)	1:11:A:ILE:HG12	1:57:A:LEU:HD12	14	0.65
(11,1978)	1:11:A:ILE:HG12	1:57:A:LEU:HD13	14	0.65
(11,1978)	1:11:A:ILE:HG12	1:57:A:LEU:HD21	14	0.65
(11,1978)	1:11:A:ILE:HG12	1:57:A:LEU:HD22	14	0.65
(11,1978)	1:11:A:ILE:HG12	1:57:A:LEU:HD23	14	0.65
(11,1943)	1:11:A:ILE:HD11	1:18:A:PHE:HZ	2	0.65
(11,1943)	1:11:A:ILE:HD12	1:18:A:PHE:HZ	2	0.65
(11,1943)	1:11:A:ILE:HD13	1:18:A:PHE:HZ	2	0.65
(11,1800)	1:97:A:ASP:HA	1:105:A:LYS:HG3	13	0.65
(11,1755)	1:14:A:VAL:H	1:79:A:THR:HG21	2	0.65
(11,1755)	1:14:A:VAL:H	1:79:A:THR:HG22	2	0.65
(11,1755)	1:14:A:VAL:H	1:79:A:THR:HG23	2	0.65
(11,1659)	1:13:A:ALA:HA	1:80:A:TYR:HB3	8	0.65
(11,1622)	1:63:A:ILE:HG21	1:113:A:PHE:HA	17	0.65
(11,1622)	1:63:A:ILE:HG22	1:113:A:PHE:HA	17	0.65
(11,1622)	1:63:A:ILE:HG23	1:113:A:PHE:HA	17	0.65
(11,1584)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	13	0.65
(11,1584)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	13	0.65
(11,1584)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	13	0.65
(11,1383)	1:21:A:THR:HG21	1:23:A:LEU:HD11	5	0.65
(11,1383)	1:21:A:THR:HG21	1:23:A:LEU:HD12	5	0.65
(11,1383)	1:21:A:THR:HG21	1:23:A:LEU:HD13	5	0.65
(11,1383)	1:21:A:THR:HG22	1:23:A:LEU:HD11	5	0.65
(11,1383)	1:21:A:THR:HG22	1:23:A:LEU:HD12	5	0.65
(11,1383)	1:21:A:THR:HG22	1:23:A:LEU:HD13	5	0.65
(11,1383)	1:21:A:THR:HG23	1:23:A:LEU:HD11	5	0.65
(11,1383)	1:21:A:THR:HG23	1:23:A:LEU:HD12	5	0.65
(11,1383)	1:21:A:THR:HG23	1:23:A:LEU:HD13	5	0.65
(11,1311)	1:66:A:THR:HG21	1:104:A:PHE:HE1	6	0.65
(11,1311)	1:66:A:THR:HG21	1:104:A:PHE:HE2	6	0.65
(11,1311)	1:66:A:THR:HG22	1:104:A:PHE:HE1	6	0.65
(11,1311)	1:66:A:THR:HG22	1:104:A:PHE:HE2	6	0.65
(11,1311)	1:66:A:THR:HG23	1:104:A:PHE:HE1	6	0.65
(11,1311)	1:66:A:THR:HG23	1:104:A:PHE:HE2	6	0.65
(11,1243)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	5	0.65
(11,1243)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	5	0.65
(11,1243)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	5	0.65
(11,936)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	2	0.65
(11,936)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	2	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,936)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	2	0.65
(11,936)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	2	0.65
(11,814)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	6	0.65
(11,814)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	6	0.65
(11,814)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	6	0.65
(11,472)	1:48:A:ARG:HA	1:53:A:THR:H	7	0.65
(11,400)	1:105:A:LYS:HD2	1:106:A:ASP:H	16	0.65
(11,400)	1:105:A:LYS:HD3	1:106:A:ASP:H	16	0.65
(9,2353)	1:129:A:LYS:HG2	1:130:A:GLY:H	8	0.65
(9,2353)	1:129:A:LYS:HG3	1:130:A:GLY:H	8	0.65
(9,2093)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	8	0.65
(9,2093)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	8	0.65
(9,2093)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	8	0.65
(9,2093)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	8	0.65
(9,2093)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	8	0.65
(9,2093)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	8	0.65
(9,2093)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	8	0.65
(9,2093)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	8	0.65
(9,2093)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	8	0.65
(9,2093)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	8	0.65
(9,2093)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	8	0.65
(9,2093)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	8	0.65
(9,1911)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	4	0.65
(9,1907)	1:13:A:ALA:H	1:80:A:TYR:HE1	13	0.65
(9,1907)	1:13:A:ALA:H	1:80:A:TYR:HE2	13	0.65
(9,1649)	1:69:A:MET:HE1	1:116:A:GLN:HG3	1	0.65
(9,1649)	1:69:A:MET:HE2	1:116:A:GLN:HG3	1	0.65
(9,1649)	1:69:A:MET:HE3	1:116:A:GLN:HG3	1	0.65
(9,1478)	1:101:A:ILE:HG21	1:103:A:ARG:HA	19	0.65
(9,1478)	1:101:A:ILE:HG22	1:103:A:ARG:HA	19	0.65
(9,1478)	1:101:A:ILE:HG23	1:103:A:ARG:HA	19	0.65
(9,1441)	1:145:A:PRO:HD2	1:147:A:ARG:H	12	0.65
(9,1290)	1:66:A:THR:HG21	1:104:A:PHE:HE1	6	0.65
(9,1290)	1:66:A:THR:HG21	1:104:A:PHE:HE2	6	0.65
(9,1290)	1:66:A:THR:HG22	1:104:A:PHE:HE1	6	0.65
(9,1290)	1:66:A:THR:HG22	1:104:A:PHE:HE2	6	0.65
(9,1290)	1:66:A:THR:HG23	1:104:A:PHE:HE1	6	0.65
(9,1290)	1:66:A:THR:HG23	1:104:A:PHE:HE2	6	0.65
(9,985)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	15	0.65
(9,985)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	15	0.65
(9,937)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	10	0.65
(9,814)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	6	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,814)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	6	0.65
(9,814)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	6	0.65
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	10	0.65
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	10	0.65
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	10	0.65
(9,799)	1:54:A:ARG:HE	1:58:A:ILE:HD11	3	0.65
(9,799)	1:54:A:ARG:HE	1:58:A:ILE:HD12	3	0.65
(9,799)	1:54:A:ARG:HE	1:58:A:ILE:HD13	3	0.65
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG11	10	0.65
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG12	10	0.65
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG13	10	0.65
(9,743)	1:105:A:LYS:HG2	1:112:A:GLN:HE21	5	0.65
(9,634)	1:59:A:CYS:H	1:60:A:LEU:HB3	4	0.65
(9,322)	1:43:A:MET:H	1:140:A:LEU:HD11	2	0.65
(9,322)	1:43:A:MET:H	1:140:A:LEU:HD12	2	0.65
(9,322)	1:43:A:MET:H	1:140:A:LEU:HD13	2	0.65
(9,122)	1:79:A:THR:HB	1:80:A:TYR:H	17	0.65
(9,45)	1:98:A:ILE:H	1:104:A:PHE:HB3	16	0.65
(9,14)	1:64:A:LYS:H	1:64:A:LYS:HD2	17	0.65
(9,14)	1:64:A:LYS:H	1:64:A:LYS:HD3	17	0.65
(9,10)	1:64:A:LYS:H	1:64:A:LYS:HE2	16	0.65
(9,10)	1:64:A:LYS:H	1:64:A:LYS:HE3	16	0.65
(7,2424)	1:134:A:VAL:HG11	1:137:A:SER:HB2	10	0.65
(7,2424)	1:134:A:VAL:HG11	1:137:A:SER:HB3	10	0.65
(7,2424)	1:134:A:VAL:HG12	1:137:A:SER:HB2	10	0.65
(7,2424)	1:134:A:VAL:HG12	1:137:A:SER:HB3	10	0.65
(7,2424)	1:134:A:VAL:HG13	1:137:A:SER:HB2	10	0.65
(7,2424)	1:134:A:VAL:HG13	1:137:A:SER:HB3	10	0.65
(7,2424)	1:134:A:VAL:HG21	1:137:A:SER:HB2	10	0.65
(7,2424)	1:134:A:VAL:HG21	1:137:A:SER:HB3	10	0.65
(7,2424)	1:134:A:VAL:HG22	1:137:A:SER:HB2	10	0.65
(7,2424)	1:134:A:VAL:HG22	1:137:A:SER:HB3	10	0.65
(7,2424)	1:134:A:VAL:HG23	1:137:A:SER:HB2	10	0.65
(7,2424)	1:134:A:VAL:HG23	1:137:A:SER:HB3	10	0.65
(7,2399)	1:129:A:LYS:HB2	1:133:A:ASN:HB2	19	0.65
(7,2399)	1:129:A:LYS:HB2	1:133:A:ASN:HB3	19	0.65
(7,2399)	1:129:A:LYS:HB3	1:133:A:ASN:HB2	19	0.65
(7,2399)	1:129:A:LYS:HB3	1:133:A:ASN:HB3	19	0.65
(7,2214)	1:65:A:CYS:HB2	1:69:A:MET:HE1	8	0.65
(7,2214)	1:65:A:CYS:HB2	1:69:A:MET:HE2	8	0.65
(7,2214)	1:65:A:CYS:HB2	1:69:A:MET:HE3	8	0.65
(7,2214)	1:65:A:CYS:HB3	1:69:A:MET:HE1	8	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2214)	1:65:A:CYS:HB3	1:69:A:MET:HE2	8	0.65
(7,2214)	1:65:A:CYS:HB3	1:69:A:MET:HE3	8	0.65
(7,2199)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	7	0.65
(7,2199)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	7	0.65
(7,2199)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	7	0.65
(7,2199)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	7	0.65
(7,2199)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	7	0.65
(7,2199)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	7	0.65
(7,2199)	1:63:A:ILE:HG13	1:117:A:VAL:HG11	7	0.65
(7,2199)	1:63:A:ILE:HG13	1:117:A:VAL:HG12	7	0.65
(7,2199)	1:63:A:ILE:HG13	1:117:A:VAL:HG13	7	0.65
(7,2199)	1:63:A:ILE:HG13	1:117:A:VAL:HG21	7	0.65
(7,2199)	1:63:A:ILE:HG13	1:117:A:VAL:HG22	7	0.65
(7,2199)	1:63:A:ILE:HG13	1:117:A:VAL:HG23	7	0.65
(7,2104)	1:40:A:LEU:HD11	1:43:A:MET:HB3	4	0.65
(7,2104)	1:40:A:LEU:HD12	1:43:A:MET:HB3	4	0.65
(7,2104)	1:40:A:LEU:HD13	1:43:A:MET:HB3	4	0.65
(7,2104)	1:40:A:LEU:HD21	1:43:A:MET:HB3	4	0.65
(7,2104)	1:40:A:LEU:HD22	1:43:A:MET:HB3	4	0.65
(7,2104)	1:40:A:LEU:HD23	1:43:A:MET:HB3	4	0.65
(7,2104)	1:40:A:LEU:HD11	1:43:A:MET:HB3	12	0.65
(7,2104)	1:40:A:LEU:HD12	1:43:A:MET:HB3	12	0.65
(7,2104)	1:40:A:LEU:HD13	1:43:A:MET:HB3	12	0.65
(7,2104)	1:40:A:LEU:HD21	1:43:A:MET:HB3	12	0.65
(7,2104)	1:40:A:LEU:HD22	1:43:A:MET:HB3	12	0.65
(7,2104)	1:40:A:LEU:HD23	1:43:A:MET:HB3	12	0.65
(7,1951)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	12	0.65
(7,1951)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	12	0.65
(7,1951)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	12	0.65
(7,1951)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	12	0.65
(7,1951)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	12	0.65
(7,1951)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	12	0.65
(7,1951)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	12	0.65
(7,1951)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	12	0.65
(7,1951)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	12	0.65
(7,1951)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	12	0.65
(7,1951)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	12	0.65
(7,1951)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	12	0.65
(7,1951)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	12	0.65
(7,1951)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	12	0.65
(7,1951)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	12	0.65
(7,1951)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	12	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1951)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	12	0.65
(7,1951)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	12	0.65
(7,1951)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	12	0.65
(7,1951)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	12	0.65
(7,1951)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	12	0.65
(7,1951)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	12	0.65
(7,1951)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	12	0.65
(7,1951)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	12	0.65
(7,1951)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	12	0.65
(7,1951)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	12	0.65
(7,1951)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	12	0.65
(7,1951)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	12	0.65
(7,1951)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	12	0.65
(7,1951)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	12	0.65
(7,1951)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	12	0.65
(7,1951)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	12	0.65
(7,1951)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	12	0.65
(7,1951)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	12	0.65
(7,1951)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	12	0.65
(7,1951)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	12	0.65
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	2	0.65
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	2	0.65
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	2	0.65
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	2	0.65
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	2	0.65
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	2	0.65
(7,1792)	1:9:A:PHE:HZ	1:57:A:LEU:HA	3	0.65
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	5	0.65
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	5	0.65
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	5	0.65
(7,1636)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	5	0.65
(7,1636)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	5	0.65
(7,1636)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	5	0.65
(7,1636)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	5	0.65
(7,1621)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	14	0.65
(7,1621)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	14	0.65
(7,1621)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	14	0.65
(7,1621)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	14	0.65
(7,1621)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	14	0.65
(7,1621)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	14	0.65
(7,1621)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	14	0.65
(7,1621)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	14	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1621)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	14	0.65
(7,1599)	1:13:A:ALA:HA	1:80:A:TYR:HB3	8	0.65
(7,1513)	1:66:A:THR:HG21	1:69:A:MET:HE1	7	0.65
(7,1513)	1:66:A:THR:HG21	1:69:A:MET:HE2	7	0.65
(7,1513)	1:66:A:THR:HG21	1:69:A:MET:HE3	7	0.65
(7,1513)	1:66:A:THR:HG22	1:69:A:MET:HE1	7	0.65
(7,1513)	1:66:A:THR:HG22	1:69:A:MET:HE2	7	0.65
(7,1513)	1:66:A:THR:HG22	1:69:A:MET:HE3	7	0.65
(7,1513)	1:66:A:THR:HG23	1:69:A:MET:HE1	7	0.65
(7,1513)	1:66:A:THR:HG23	1:69:A:MET:HE2	7	0.65
(7,1513)	1:66:A:THR:HG23	1:69:A:MET:HE3	7	0.65
(7,1277)	1:66:A:THR:HG21	1:104:A:PHE:HE1	6	0.65
(7,1277)	1:66:A:THR:HG21	1:104:A:PHE:HE2	6	0.65
(7,1277)	1:66:A:THR:HG22	1:104:A:PHE:HE1	6	0.65
(7,1277)	1:66:A:THR:HG22	1:104:A:PHE:HE2	6	0.65
(7,1277)	1:66:A:THR:HG23	1:104:A:PHE:HE1	6	0.65
(7,1277)	1:66:A:THR:HG23	1:104:A:PHE:HE2	6	0.65
(7,1237)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	8	0.65
(7,1237)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	8	0.65
(7,1237)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	8	0.65
(7,1237)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	8	0.65
(7,1237)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	8	0.65
(7,1237)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	8	0.65
(7,1237)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	8	0.65
(7,1237)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	8	0.65
(7,1237)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	8	0.65
(7,917)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	18	0.65
(7,917)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	18	0.65
(7,917)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	18	0.65
(7,917)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	18	0.65
(7,911)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	8	0.65
(7,911)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	8	0.65
(7,911)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	8	0.65
(7,911)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	8	0.65
(7,806)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	6	0.65
(7,806)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	6	0.65
(7,806)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	6	0.65
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG11	10	0.65
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG12	10	0.65
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG13	10	0.65
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	8	0.65
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	8	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	8	0.65
(7,474)	1:48:A:ARG:HA	1:53:A:THR:H	7	0.65
(7,122)	1:79:A:THR:HB	1:80:A:TYR:H	17	0.65
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	6	0.65
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	6	0.65
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	6	0.65
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	6	0.65
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	6	0.65
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	6	0.65
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	6	0.65
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	6	0.65
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	6	0.65
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	6	0.65
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	6	0.65
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	6	0.65
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG11	8	0.65
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG12	8	0.65
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG13	8	0.65
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG21	8	0.65
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG22	8	0.65
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG23	8	0.65
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD11	4	0.65
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD12	4	0.65
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD13	4	0.65
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD21	4	0.65
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD22	4	0.65
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD23	4	0.65
(6,1919)	1:13:A:ALA:H	1:80:A:TYR:HE1	13	0.65
(6,1919)	1:13:A:ALA:H	1:80:A:TYR:HE2	13	0.65
(6,1911)	1:18:A:PHE:HA	1:113:A:PHE:HE1	6	0.65
(6,1911)	1:18:A:PHE:HA	1:113:A:PHE:HE2	6	0.65
(6,1903)	1:18:A:PHE:HE1	1:131:A:LEU:H	18	0.65
(6,1903)	1:18:A:PHE:HE2	1:131:A:LEU:H	18	0.65
(6,1884)	1:14:A:VAL:HA	1:18:A:PHE:HD1	11	0.65
(6,1884)	1:14:A:VAL:HA	1:18:A:PHE:HD2	11	0.65
(6,1830)	1:9:A:PHE:HZ	1:57:A:LEU:HA	3	0.65
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	5	0.65
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	5	0.65
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	5	0.65
(6,1771)	1:97:A:ASP:HA	1:105:A:LYS:HA	5	0.65
(6,1625)	1:13:A:ALA:HA	1:80:A:TYR:HB3	8	0.65
(6,1592)	1:63:A:ILE:HG21	1:113:A:PHE:HA	17	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1592)	1:63:A:ILE:HG22	1:113:A:PHE:HA	17	0.65
(6,1592)	1:63:A:ILE:HG23	1:113:A:PHE:HA	17	0.65
(6,1283)	1:66:A:THR:HG21	1:104:A:PHE:HE1	6	0.65
(6,1283)	1:66:A:THR:HG21	1:104:A:PHE:HE2	6	0.65
(6,1283)	1:66:A:THR:HG22	1:104:A:PHE:HE1	6	0.65
(6,1283)	1:66:A:THR:HG22	1:104:A:PHE:HE2	6	0.65
(6,1283)	1:66:A:THR:HG23	1:104:A:PHE:HE1	6	0.65
(6,1283)	1:66:A:THR:HG23	1:104:A:PHE:HE2	6	0.65
(6,1218)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	5	0.65
(6,1218)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	5	0.65
(6,1218)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	5	0.65
(6,1014)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	19	0.65
(6,794)	1:54:A:ARG:HE	1:58:A:ILE:HD11	3	0.65
(6,794)	1:54:A:ARG:HE	1:58:A:ILE:HD12	3	0.65
(6,794)	1:54:A:ARG:HE	1:58:A:ILE:HD13	3	0.65
(6,793)	1:55:A:GLY:H	1:58:A:ILE:HD11	12	0.65
(6,793)	1:55:A:GLY:H	1:58:A:ILE:HD12	12	0.65
(6,793)	1:55:A:GLY:H	1:58:A:ILE:HD13	12	0.65
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	8	0.65
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	8	0.65
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	8	0.65
(6,630)	1:59:A:CYS:H	1:60:A:LEU:HB3	4	0.65
(6,609)	1:14:A:VAL:HB	1:16:A:SER:H	3	0.65
(6,483)	1:98:A:ILE:H	1:105:A:LYS:H	3	0.65
(6,468)	1:48:A:ARG:HA	1:53:A:THR:H	7	0.65
(6,371)	1:40:A:LEU:HB2	1:41:A:LYS:H	2	0.65
(6,310)	1:43:A:MET:H	1:140:A:LEU:HD11	2	0.65
(6,310)	1:43:A:MET:H	1:140:A:LEU:HD12	2	0.65
(6,310)	1:43:A:MET:H	1:140:A:LEU:HD13	2	0.65
(6,122)	1:79:A:THR:HB	1:80:A:TYR:H	17	0.65
(6,15)	1:64:A:LYS:H	1:64:A:LYS:HD2	17	0.65
(6,15)	1:64:A:LYS:H	1:64:A:LYS:HD3	17	0.65
(5,2407)	1:129:A:LYS:HG2	1:130:A:GLY:H	8	0.65
(5,2407)	1:129:A:LYS:HG3	1:130:A:GLY:H	8	0.65
(5,1932)	1:13:A:ALA:H	1:80:A:TYR:HE1	13	0.65
(5,1932)	1:13:A:ALA:H	1:80:A:TYR:HE2	13	0.65
(5,1917)	1:18:A:PHE:HE1	1:131:A:LEU:H	18	0.65
(5,1917)	1:18:A:PHE:HE2	1:131:A:LEU:H	18	0.65
(5,1884)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	12	0.65
(5,1790)	1:97:A:ASP:HA	1:105:A:LYS:HG3	13	0.65
(5,1749)	1:21:A:THR:HG21	1:24:A:ASP:HB2	18	0.65
(5,1749)	1:21:A:THR:HG21	1:24:A:ASP:HB3	18	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1749)	1:21:A:THR:HG22	1:24:A:ASP:HB2	18	0.65
(5,1749)	1:21:A:THR:HG22	1:24:A:ASP:HB3	18	0.65
(5,1749)	1:21:A:THR:HG23	1:24:A:ASP:HB2	18	0.65
(5,1749)	1:21:A:THR:HG23	1:24:A:ASP:HB3	18	0.65
(5,1641)	1:13:A:ALA:HA	1:80:A:TYR:HB3	8	0.65
(5,1591)	1:61:A:SER:HA	1:63:A:ILE:HD11	11	0.65
(5,1591)	1:61:A:SER:HA	1:63:A:ILE:HD12	11	0.65
(5,1591)	1:61:A:SER:HA	1:63:A:ILE:HD13	11	0.65
(5,1480)	1:14:A:VAL:HB	1:15:A:ALA:HB1	4	0.65
(5,1480)	1:14:A:VAL:HB	1:15:A:ALA:HB2	4	0.65
(5,1480)	1:14:A:VAL:HB	1:15:A:ALA:HB3	4	0.65
(5,1465)	1:145:A:PRO:HD2	1:147:A:ARG:H	12	0.65
(5,1349)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	3	0.65
(5,1349)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	3	0.65
(5,1349)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	3	0.65
(5,1349)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	3	0.65
(5,1349)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	3	0.65
(5,1349)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	3	0.65
(5,1349)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	3	0.65
(5,1349)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	3	0.65
(5,1349)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	3	0.65
(5,1267)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	8	0.65
(5,1267)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	8	0.65
(5,1267)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	8	0.65
(5,1267)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	8	0.65
(5,1267)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	8	0.65
(5,1267)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	8	0.65
(5,1267)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	8	0.65
(5,1267)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	8	0.65
(5,1267)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	8	0.65
(5,988)	1:105:A:LYS:HD2	1:107:A:LEU:H	15	0.65
(5,988)	1:105:A:LYS:HD3	1:107:A:LEU:H	15	0.65
(5,936)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	2	0.65
(5,936)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	2	0.65
(5,929)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	18	0.65
(5,929)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	18	0.65
(5,929)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	18	0.65
(5,929)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	18	0.65
(5,816)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	6	0.65
(5,816)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	6	0.65
(5,816)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	6	0.65
(5,670)	1:63:A:ILE:HG12	1:117:A:VAL:H	3	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,463)	1:48:A:ARG:HA	1:53:A:THR:H	7	0.65
(5,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	8	0.65
(5,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	8	0.65
(5,118)	1:79:A:THR:HB	1:80:A:TYR:H	17	0.65
(5,39)	1:43:A:MET:HA	1:47:A:ALA:H	9	0.65
(5,15)	1:64:A:LYS:H	1:64:A:LYS:HD2	17	0.65
(5,15)	1:64:A:LYS:H	1:64:A:LYS:HD3	17	0.65
(5,11)	1:64:A:LYS:H	1:64:A:LYS:HE2	16	0.65
(5,11)	1:64:A:LYS:H	1:64:A:LYS:HE3	16	0.65
(5,7)	1:64:A:LYS:H	1:116:A:GLN:HE22	13	0.65
(4,2332)	1:107:A:LEU:HD11	1:112:A:GLN:HA	16	0.65
(4,2332)	1:107:A:LEU:HD12	1:112:A:GLN:HA	16	0.65
(4,2332)	1:107:A:LEU:HD13	1:112:A:GLN:HA	16	0.65
(4,2332)	1:107:A:LEU:HD21	1:112:A:GLN:HA	16	0.65
(4,2332)	1:107:A:LEU:HD22	1:112:A:GLN:HA	16	0.65
(4,2332)	1:107:A:LEU:HD23	1:112:A:GLN:HA	16	0.65
(4,2059)	1:31:A:PRO:HB2	1:35:A:LEU:HD11	3	0.65
(4,2059)	1:31:A:PRO:HB2	1:35:A:LEU:HD12	3	0.65
(4,2059)	1:31:A:PRO:HB2	1:35:A:LEU:HD13	3	0.65
(4,2059)	1:31:A:PRO:HB2	1:35:A:LEU:HD21	3	0.65
(4,2059)	1:31:A:PRO:HB2	1:35:A:LEU:HD22	3	0.65
(4,2059)	1:31:A:PRO:HB2	1:35:A:LEU:HD23	3	0.65
(4,2059)	1:31:A:PRO:HB3	1:35:A:LEU:HD11	3	0.65
(4,2059)	1:31:A:PRO:HB3	1:35:A:LEU:HD12	3	0.65
(4,2059)	1:31:A:PRO:HB3	1:35:A:LEU:HD13	3	0.65
(4,2059)	1:31:A:PRO:HB3	1:35:A:LEU:HD21	3	0.65
(4,2059)	1:31:A:PRO:HB3	1:35:A:LEU:HD22	3	0.65
(4,2059)	1:31:A:PRO:HB3	1:35:A:LEU:HD23	3	0.65
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG11	8	0.65
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG12	8	0.65
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG13	8	0.65
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG21	8	0.65
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG22	8	0.65
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG23	8	0.65
(4,1885)	1:13:A:ALA:H	1:80:A:TYR:HE1	13	0.65
(4,1885)	1:13:A:ALA:H	1:80:A:TYR:HE2	13	0.65
(4,1882)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	11	0.65
(4,1882)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	11	0.65
(4,1794)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	14	0.65
(4,1794)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	14	0.65
(4,1573)	1:63:A:ILE:HG21	1:113:A:PHE:HA	17	0.65
(4,1573)	1:63:A:ILE:HG22	1:113:A:PHE:HA	17	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1573)	1:63:A:ILE:HG23	1:113:A:PHE:HA	17	0.65
(4,1462)	1:101:A:ILE:HG21	1:115:A:ALA:HA	19	0.65
(4,1462)	1:101:A:ILE:HG22	1:115:A:ALA:HA	19	0.65
(4,1462)	1:101:A:ILE:HG23	1:115:A:ALA:HA	19	0.65
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD21	10	0.65
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD22	10	0.65
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD23	10	0.65
(4,1273)	1:66:A:THR:HG21	1:104:A:PHE:HE1	6	0.65
(4,1273)	1:66:A:THR:HG21	1:104:A:PHE:HE2	6	0.65
(4,1273)	1:66:A:THR:HG22	1:104:A:PHE:HE1	6	0.65
(4,1273)	1:66:A:THR:HG22	1:104:A:PHE:HE2	6	0.65
(4,1273)	1:66:A:THR:HG23	1:104:A:PHE:HE1	6	0.65
(4,1273)	1:66:A:THR:HG23	1:104:A:PHE:HE2	6	0.65
(4,1203)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	5	0.65
(4,1203)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	5	0.65
(4,1203)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	5	0.65
(4,1093)	1:41:A:LYS:HA	1:44:A:GLU:HB2	6	0.65
(4,1093)	1:41:A:LYS:HA	1:44:A:GLU:HB3	6	0.65
(4,1015)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	19	0.65
(4,815)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	18	0.65
(4,815)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	18	0.65
(4,815)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	18	0.65
(4,812)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	6	0.65
(4,812)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	6	0.65
(4,812)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	6	0.65
(4,793)	1:54:A:ARG:HE	1:58:A:ILE:HD11	3	0.65
(4,793)	1:54:A:ARG:HE	1:58:A:ILE:HD12	3	0.65
(4,793)	1:54:A:ARG:HE	1:58:A:ILE:HD13	3	0.65
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	8	0.65
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	8	0.65
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	8	0.65
(4,463)	1:48:A:ARG:HA	1:53:A:THR:H	7	0.65
(4,373)	1:62:A:HIS:H	1:63:A:ILE:HG13	17	0.65
(4,230)	1:40:A:LEU:HD21	1:44:A:GLU:H	13	0.65
(4,230)	1:40:A:LEU:HD22	1:44:A:GLU:H	13	0.65
(4,230)	1:40:A:LEU:HD23	1:44:A:GLU:H	13	0.65
(3,2466)	1:134:A:VAL:HG11	1:137:A:SER:HB2	4	0.65
(3,2466)	1:134:A:VAL:HG11	1:137:A:SER:HB3	4	0.65
(3,2466)	1:134:A:VAL:HG12	1:137:A:SER:HB2	4	0.65
(3,2466)	1:134:A:VAL:HG12	1:137:A:SER:HB3	4	0.65
(3,2466)	1:134:A:VAL:HG13	1:137:A:SER:HB2	4	0.65
(3,2466)	1:134:A:VAL:HG13	1:137:A:SER:HB3	4	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2466)	1:134:A:VAL:HG21	1:137:A:SER:HB2	4	0.65
(3,2466)	1:134:A:VAL:HG21	1:137:A:SER:HB3	4	0.65
(3,2466)	1:134:A:VAL:HG22	1:137:A:SER:HB2	4	0.65
(3,2466)	1:134:A:VAL:HG22	1:137:A:SER:HB3	4	0.65
(3,2466)	1:134:A:VAL:HG23	1:137:A:SER:HB2	4	0.65
(3,2466)	1:134:A:VAL:HG23	1:137:A:SER:HB3	4	0.65
(3,2442)	1:129:A:LYS:HB2	1:133:A:ASN:HB2	19	0.65
(3,2442)	1:129:A:LYS:HB2	1:133:A:ASN:HB3	19	0.65
(3,2442)	1:129:A:LYS:HB3	1:133:A:ASN:HB2	19	0.65
(3,2442)	1:129:A:LYS:HB3	1:133:A:ASN:HB3	19	0.65
(3,2306)	1:79:A:THR:HG21	1:81:A:GLU:HB2	3	0.65
(3,2306)	1:79:A:THR:HG21	1:81:A:GLU:HB3	3	0.65
(3,2306)	1:79:A:THR:HG22	1:81:A:GLU:HB2	3	0.65
(3,2306)	1:79:A:THR:HG22	1:81:A:GLU:HB3	3	0.65
(3,2306)	1:79:A:THR:HG23	1:81:A:GLU:HB2	3	0.65
(3,2306)	1:79:A:THR:HG23	1:81:A:GLU:HB3	3	0.65
(3,1928)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	15	0.65
(3,1928)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	15	0.65
(3,1854)	1:9:A:PHE:HZ	1:57:A:LEU:HA	3	0.65
(3,1841)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	15	0.65
(3,1841)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	15	0.65
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD1	9	0.65
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD2	9	0.65
(3,1798)	1:97:A:ASP:HA	1:105:A:LYS:HA	5	0.65
(3,1624)	1:63:A:ILE:HG21	1:113:A:PHE:HA	17	0.65
(3,1624)	1:63:A:ILE:HG22	1:113:A:PHE:HA	17	0.65
(3,1624)	1:63:A:ILE:HG23	1:113:A:PHE:HA	17	0.65
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	12	0.65
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	12	0.65
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	12	0.65
(3,1557)	1:66:A:THR:HG21	1:69:A:MET:HE1	7	0.65
(3,1557)	1:66:A:THR:HG21	1:69:A:MET:HE2	7	0.65
(3,1557)	1:66:A:THR:HG21	1:69:A:MET:HE3	7	0.65
(3,1557)	1:66:A:THR:HG22	1:69:A:MET:HE1	7	0.65
(3,1557)	1:66:A:THR:HG22	1:69:A:MET:HE2	7	0.65
(3,1557)	1:66:A:THR:HG22	1:69:A:MET:HE3	7	0.65
(3,1557)	1:66:A:THR:HG23	1:69:A:MET:HE1	7	0.65
(3,1557)	1:66:A:THR:HG23	1:69:A:MET:HE2	7	0.65
(3,1557)	1:66:A:THR:HG23	1:69:A:MET:HE3	7	0.65
(3,1320)	1:66:A:THR:HG21	1:104:A:PHE:HE1	6	0.65
(3,1320)	1:66:A:THR:HG21	1:104:A:PHE:HE2	6	0.65
(3,1320)	1:66:A:THR:HG22	1:104:A:PHE:HE1	6	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1320)	1:66:A:THR:HG22	1:104:A:PHE:HE2	6	0.65
(3,1320)	1:66:A:THR:HG23	1:104:A:PHE:HE1	6	0.65
(3,1320)	1:66:A:THR:HG23	1:104:A:PHE:HE2	6	0.65
(3,1271)	1:40:A:LEU:HA	1:40:A:LEU:HD21	12	0.65
(3,1271)	1:40:A:LEU:HA	1:40:A:LEU:HD22	12	0.65
(3,1271)	1:40:A:LEU:HA	1:40:A:LEU:HD23	12	0.65
(3,1269)	1:40:A:LEU:HD21	1:44:A:GLU:H	19	0.65
(3,1269)	1:40:A:LEU:HD22	1:44:A:GLU:H	19	0.65
(3,1269)	1:40:A:LEU:HD23	1:44:A:GLU:H	19	0.65
(3,1228)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	11	0.65
(3,1228)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	11	0.65
(3,1228)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	11	0.65
(3,1228)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	11	0.65
(3,1228)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	11	0.65
(3,1228)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	11	0.65
(3,1103)	1:45:A:ALA:HA	1:48:A:ARG:HG2	12	0.65
(3,1103)	1:45:A:ALA:HA	1:48:A:ARG:HG3	12	0.65
(3,992)	1:31:A:PRO:HB2	1:143:A:TRP:HA	7	0.65
(3,992)	1:31:A:PRO:HB3	1:143:A:TRP:HA	7	0.65
(3,945)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	18	0.65
(3,945)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	18	0.65
(3,945)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	18	0.65
(3,945)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	18	0.65
(3,855)	1:103:A:ARG:HD2	1:107:A:LEU:HD11	3	0.65
(3,855)	1:103:A:ARG:HD2	1:107:A:LEU:HD12	3	0.65
(3,855)	1:103:A:ARG:HD2	1:107:A:LEU:HD13	3	0.65
(3,855)	1:103:A:ARG:HD3	1:107:A:LEU:HD11	3	0.65
(3,855)	1:103:A:ARG:HD3	1:107:A:LEU:HD12	3	0.65
(3,855)	1:103:A:ARG:HD3	1:107:A:LEU:HD13	3	0.65
(3,836)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	17	0.65
(3,836)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	17	0.65
(3,836)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	17	0.65
(3,836)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	17	0.65
(3,836)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	17	0.65
(3,836)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	17	0.65
(3,836)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	17	0.65
(3,836)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	17	0.65
(3,836)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	17	0.65
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	14	0.65
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	14	0.65
(3,705)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	14	0.65
(3,475)	1:48:A:ARG:HA	1:53:A:THR:H	7	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,264)	1:39:A:VAL:H	1:40:A:LEU:HB2	10	0.65
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD11	1	0.65
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD12	1	0.65
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD13	1	0.65
(3,17)	1:64:A:LYS:H	1:64:A:LYS:HD2	17	0.65
(3,17)	1:64:A:LYS:H	1:64:A:LYS:HD3	17	0.65
(3,13)	1:64:A:LYS:H	1:64:A:LYS:HE2	16	0.65
(3,13)	1:64:A:LYS:H	1:64:A:LYS:HE3	16	0.65
(3,9)	1:64:A:LYS:H	1:116:A:GLN:HE22	13	0.65
(3,7)	1:39:A:VAL:HG11	1:143:A:TRP:HE1	5	0.65
(3,7)	1:39:A:VAL:HG12	1:143:A:TRP:HE1	5	0.65
(3,7)	1:39:A:VAL:HG13	1:143:A:TRP:HE1	5	0.65
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD11	11	0.65
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD12	11	0.65
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD13	11	0.65
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD21	11	0.65
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD22	11	0.65
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD23	11	0.65
(2,2166)	1:44:A:GLU:H	1:44:A:GLU:HG2	9	0.65
(2,2166)	1:44:A:GLU:H	1:44:A:GLU:HG3	9	0.65
(2,2145)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	19	0.65
(2,2145)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	19	0.65
(2,2145)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	19	0.65
(2,2145)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	19	0.65
(2,2145)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	19	0.65
(2,2145)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	19	0.65
(2,2145)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	19	0.65
(2,2145)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	19	0.65
(2,2145)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	19	0.65
(2,2145)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	19	0.65
(2,2145)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	19	0.65
(2,2145)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	19	0.65
(2,2074)	1:31:A:PRO:HB2	1:35:A:LEU:HD11	3	0.65
(2,2074)	1:31:A:PRO:HB2	1:35:A:LEU:HD12	3	0.65
(2,2074)	1:31:A:PRO:HB2	1:35:A:LEU:HD13	3	0.65
(2,2074)	1:31:A:PRO:HB2	1:35:A:LEU:HD21	3	0.65
(2,2074)	1:31:A:PRO:HB2	1:35:A:LEU:HD22	3	0.65
(2,2074)	1:31:A:PRO:HB2	1:35:A:LEU:HD23	3	0.65
(2,2074)	1:31:A:PRO:HB3	1:35:A:LEU:HD11	3	0.65
(2,2074)	1:31:A:PRO:HB3	1:35:A:LEU:HD12	3	0.65
(2,2074)	1:31:A:PRO:HB3	1:35:A:LEU:HD13	3	0.65
(2,2074)	1:31:A:PRO:HB3	1:35:A:LEU:HD21	3	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2074)	1:31:A:PRO:HB3	1:35:A:LEU:HD22	3	0.65
(2,2074)	1:31:A:PRO:HB3	1:35:A:LEU:HD23	3	0.65
(2,2031)	1:16:A:SER:H	1:131:A:LEU:HD11	8	0.65
(2,2031)	1:16:A:SER:H	1:131:A:LEU:HD12	8	0.65
(2,2031)	1:16:A:SER:H	1:131:A:LEU:HD13	8	0.65
(2,2031)	1:16:A:SER:H	1:131:A:LEU:HD21	8	0.65
(2,2031)	1:16:A:SER:H	1:131:A:LEU:HD22	8	0.65
(2,2031)	1:16:A:SER:H	1:131:A:LEU:HD23	8	0.65
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE1	19	0.65
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE2	19	0.65
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE3	19	0.65
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE1	19	0.65
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE2	19	0.65
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE3	19	0.65
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE1	19	0.65
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE2	19	0.65
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE3	19	0.65
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE1	19	0.65
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE2	19	0.65
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE3	19	0.65
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE1	19	0.65
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE2	19	0.65
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE3	19	0.65
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE1	19	0.65
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE2	19	0.65
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE3	19	0.65
(2,1841)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	15	0.65
(2,1841)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	15	0.65
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE1	19	0.65
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE2	19	0.65
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE3	19	0.65
(2,1470)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	17	0.65
(2,1470)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	17	0.65
(2,1470)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	17	0.65
(2,1369)	1:39:A:VAL:HG11	1:144:A:LEU:H	13	0.65
(2,1369)	1:39:A:VAL:HG12	1:144:A:LEU:H	13	0.65
(2,1369)	1:39:A:VAL:HG13	1:144:A:LEU:H	13	0.65
(2,1292)	1:66:A:THR:HG21	1:104:A:PHE:HE1	6	0.65
(2,1292)	1:66:A:THR:HG21	1:104:A:PHE:HE2	6	0.65
(2,1292)	1:66:A:THR:HG22	1:104:A:PHE:HE1	6	0.65
(2,1292)	1:66:A:THR:HG22	1:104:A:PHE:HE2	6	0.65
(2,1292)	1:66:A:THR:HG23	1:104:A:PHE:HE1	6	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1292)	1:66:A:THR:HG23	1:104:A:PHE:HE2	6	0.65
(2,1219)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	5	0.65
(2,1219)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	5	0.65
(2,1219)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	5	0.65
(2,812)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	6	0.65
(2,812)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	6	0.65
(2,812)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	6	0.65
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG11	10	0.65
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG12	10	0.65
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG13	10	0.65
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	8	0.65
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	8	0.65
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	8	0.65
(2,232)	1:40:A:LEU:HD21	1:44:A:GLU:H	13	0.65
(2,232)	1:40:A:LEU:HD22	1:44:A:GLU:H	13	0.65
(2,232)	1:40:A:LEU:HD23	1:44:A:GLU:H	13	0.65
(2,121)	1:79:A:THR:HB	1:80:A:TYR:H	17	0.65
(2,72)	1:54:A:ARG:H	1:54:A:ARG:HE	9	0.65
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD11	10	0.65
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD12	10	0.65
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD13	10	0.65
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD21	10	0.65
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD22	10	0.65
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD23	10	0.65
(1,2403)	1:134:A:VAL:HG11	1:137:A:SER:HB2	10	0.65
(1,2403)	1:134:A:VAL:HG11	1:137:A:SER:HB3	10	0.65
(1,2403)	1:134:A:VAL:HG12	1:137:A:SER:HB2	10	0.65
(1,2403)	1:134:A:VAL:HG12	1:137:A:SER:HB3	10	0.65
(1,2403)	1:134:A:VAL:HG13	1:137:A:SER:HB2	10	0.65
(1,2403)	1:134:A:VAL:HG13	1:137:A:SER:HB3	10	0.65
(1,2403)	1:134:A:VAL:HG21	1:137:A:SER:HB2	10	0.65
(1,2403)	1:134:A:VAL:HG21	1:137:A:SER:HB3	10	0.65
(1,2403)	1:134:A:VAL:HG22	1:137:A:SER:HB2	10	0.65
(1,2403)	1:134:A:VAL:HG22	1:137:A:SER:HB3	10	0.65
(1,2403)	1:134:A:VAL:HG23	1:137:A:SER:HB2	10	0.65
(1,2403)	1:134:A:VAL:HG23	1:137:A:SER:HB3	10	0.65
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG11	12	0.65
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG12	12	0.65
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG13	12	0.65
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG21	12	0.65
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG22	12	0.65
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG23	12	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2123)	1:40:A:LEU:HD11	1:43:A:MET:HB3	4	0.65
(1,2123)	1:40:A:LEU:HD12	1:43:A:MET:HB3	4	0.65
(1,2123)	1:40:A:LEU:HD13	1:43:A:MET:HB3	4	0.65
(1,2123)	1:40:A:LEU:HD21	1:43:A:MET:HB3	4	0.65
(1,2123)	1:40:A:LEU:HD22	1:43:A:MET:HB3	4	0.65
(1,2123)	1:40:A:LEU:HD23	1:43:A:MET:HB3	4	0.65
(1,2123)	1:40:A:LEU:HD11	1:43:A:MET:HB3	12	0.65
(1,2123)	1:40:A:LEU:HD12	1:43:A:MET:HB3	12	0.65
(1,2123)	1:40:A:LEU:HD13	1:43:A:MET:HB3	12	0.65
(1,2123)	1:40:A:LEU:HD21	1:43:A:MET:HB3	12	0.65
(1,2123)	1:40:A:LEU:HD22	1:43:A:MET:HB3	12	0.65
(1,2123)	1:40:A:LEU:HD23	1:43:A:MET:HB3	12	0.65
(1,2054)	1:31:A:PRO:HB2	1:35:A:LEU:HD11	3	0.65
(1,2054)	1:31:A:PRO:HB2	1:35:A:LEU:HD12	3	0.65
(1,2054)	1:31:A:PRO:HB2	1:35:A:LEU:HD13	3	0.65
(1,2054)	1:31:A:PRO:HB2	1:35:A:LEU:HD21	3	0.65
(1,2054)	1:31:A:PRO:HB2	1:35:A:LEU:HD22	3	0.65
(1,2054)	1:31:A:PRO:HB2	1:35:A:LEU:HD23	3	0.65
(1,2054)	1:31:A:PRO:HB3	1:35:A:LEU:HD11	3	0.65
(1,2054)	1:31:A:PRO:HB3	1:35:A:LEU:HD12	3	0.65
(1,2054)	1:31:A:PRO:HB3	1:35:A:LEU:HD13	3	0.65
(1,2054)	1:31:A:PRO:HB3	1:35:A:LEU:HD21	3	0.65
(1,2054)	1:31:A:PRO:HB3	1:35:A:LEU:HD22	3	0.65
(1,2054)	1:31:A:PRO:HB3	1:35:A:LEU:HD23	3	0.65
(1,1864)	1:80:A:TYR:HE1	1:81:A:GLU:HB2	14	0.65
(1,1864)	1:80:A:TYR:HE2	1:81:A:GLU:HB2	14	0.65
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	13	0.65
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	13	0.65
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	13	0.65
(1,1669)	1:69:A:MET:HE1	1:116:A:GLN:HG3	1	0.65
(1,1669)	1:69:A:MET:HE2	1:116:A:GLN:HG3	1	0.65
(1,1669)	1:69:A:MET:HE3	1:116:A:GLN:HG3	1	0.65
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	17	0.65
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	17	0.65
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	17	0.65
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	17	0.65
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	17	0.65
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	17	0.65
(1,1605)	1:63:A:ILE:HG21	1:113:A:PHE:HA	17	0.65
(1,1605)	1:63:A:ILE:HG22	1:113:A:PHE:HA	17	0.65
(1,1605)	1:63:A:ILE:HG23	1:113:A:PHE:HA	17	0.65
(1,1489)	1:101:A:ILE:HG21	1:115:A:ALA:HA	19	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1489)	1:101:A:ILE:HG22	1:115:A:ALA:HA	19	0.65
(1,1489)	1:101:A:ILE:HG23	1:115:A:ALA:HA	19	0.65
(1,1345)	1:125:A:THR:HG21	1:128:A:LEU:HB2	9	0.65
(1,1345)	1:125:A:THR:HG22	1:128:A:LEU:HB2	9	0.65
(1,1345)	1:125:A:THR:HG23	1:128:A:LEU:HB2	9	0.65
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG21	19	0.65
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG22	19	0.65
(1,1315)	1:66:A:THR:HG21	1:95:A:ILE:HG23	19	0.65
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG21	19	0.65
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG22	19	0.65
(1,1315)	1:66:A:THR:HG22	1:95:A:ILE:HG23	19	0.65
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG21	19	0.65
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG22	19	0.65
(1,1315)	1:66:A:THR:HG23	1:95:A:ILE:HG23	19	0.65
(1,1260)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	8	0.65
(1,1260)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	8	0.65
(1,1260)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	8	0.65
(1,1260)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	8	0.65
(1,1260)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	8	0.65
(1,1260)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	8	0.65
(1,1260)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	8	0.65
(1,1260)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	8	0.65
(1,1260)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	8	0.65
(1,1211)	1:41:A:LYS:HG3	1:44:A:GLU:HG3	12	0.65
(1,1096)	1:48:A:ARG:HG2	1:49:A:LYS:HA	4	0.65
(1,1096)	1:48:A:ARG:HG3	1:49:A:LYS:HA	4	0.65
(1,837)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	17	0.65
(1,837)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	17	0.65
(1,837)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	17	0.65
(1,837)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	17	0.65
(1,837)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	17	0.65
(1,837)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	17	0.65
(1,837)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	17	0.65
(1,837)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	17	0.65
(1,837)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	17	0.65
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG11	10	0.65
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG12	10	0.65
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG13	10	0.65
(1,475)	1:48:A:ARG:HA	1:53:A:THR:H	7	0.65
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD21	10	0.65
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD22	10	0.65
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD23	10	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,396)	1:105:A:LYS:HD2	1:106:A:ASP:H	1	0.65
(1,396)	1:105:A:LYS:HD3	1:106:A:ASP:H	1	0.65
(1,244)	1:40:A:LEU:HD21	1:44:A:GLU:H	19	0.65
(1,244)	1:40:A:LEU:HD22	1:44:A:GLU:H	19	0.65
(1,244)	1:40:A:LEU:HD23	1:44:A:GLU:H	19	0.65
(1,132)	1:79:A:THR:HB	1:80:A:TYR:H	17	0.65
(1,17)	1:64:A:LYS:H	1:64:A:LYS:HD2	17	0.65
(1,17)	1:64:A:LYS:H	1:64:A:LYS:HD3	17	0.65
(1,13)	1:64:A:LYS:H	1:64:A:LYS:HE2	16	0.65
(1,13)	1:64:A:LYS:H	1:64:A:LYS:HE3	16	0.65
(1,9)	1:64:A:LYS:H	1:116:A:GLN:HE22	13	0.65
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	15	0.64
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	15	0.64
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	15	0.64
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	15	0.64
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	15	0.64
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	15	0.64
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	15	0.64
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	15	0.64
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	15	0.64
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	15	0.64
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	15	0.64
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	15	0.64
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	15	0.64
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	15	0.64
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	15	0.64
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	15	0.64
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	15	0.64
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	15	0.64
(34,1994)	1:14:A:VAL:HG11	1:18:A:PHE:HA	17	0.64
(34,1994)	1:14:A:VAL:HG12	1:18:A:PHE:HA	17	0.64
(34,1994)	1:14:A:VAL:HG13	1:18:A:PHE:HA	17	0.64
(34,1994)	1:14:A:VAL:HG21	1:18:A:PHE:HA	17	0.64
(34,1994)	1:14:A:VAL:HG22	1:18:A:PHE:HA	17	0.64
(34,1994)	1:14:A:VAL:HG23	1:18:A:PHE:HA	17	0.64
(34,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	16	0.64
(34,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	16	0.64
(34,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	16	0.64
(34,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	16	0.64
(34,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	16	0.64
(34,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	16	0.64
(34,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	16	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	16	0.64
(34,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	16	0.64
(34,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	16	0.64
(34,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	16	0.64
(34,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	16	0.64
(34,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	13	0.64
(34,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	13	0.64
(34,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	13	0.64
(34,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	13	0.64
(34,1866)	1:9:A:PHE:HZ	1:44:A:GLU:HA	16	0.64
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	7	0.64
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	7	0.64
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	7	0.64
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	7	0.64
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	7	0.64
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	7	0.64
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	14	0.64
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	14	0.64
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	14	0.64
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	14	0.64
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	14	0.64
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	14	0.64
(34,1777)	1:97:A:ASP:HA	1:105:A:LYS:HG2	1	0.64
(34,1658)	1:97:A:ASP:HB2	1:102:A:PRO:HA	13	0.64
(34,1658)	1:97:A:ASP:HB3	1:102:A:PRO:HA	13	0.64
(34,1600)	1:97:A:ASP:H	1:98:A:ILE:HD11	6	0.64
(34,1600)	1:97:A:ASP:H	1:98:A:ILE:HD12	6	0.64
(34,1600)	1:97:A:ASP:H	1:98:A:ILE:HD13	6	0.64
(34,1579)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	6	0.64
(34,1579)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	6	0.64
(34,1579)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	6	0.64
(34,1579)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	6	0.64
(34,1579)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	6	0.64
(34,1579)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	6	0.64
(34,1579)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	6	0.64
(34,1579)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	6	0.64
(34,1579)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	6	0.64
(34,1533)	1:69:A:MET:HE1	1:115:A:ALA:H	13	0.64
(34,1533)	1:69:A:MET:HE2	1:115:A:ALA:H	13	0.64
(34,1533)	1:69:A:MET:HE3	1:115:A:ALA:H	13	0.64
(34,1526)	1:98:A:ILE:HG21	1:101:A:ILE:HB	19	0.64
(34,1526)	1:98:A:ILE:HG22	1:101:A:ILE:HB	19	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1526)	1:98:A:ILE:HG23	1:101:A:ILE:HB	19	0.64
(34,1250)	1:105:A:LYS:HG2	1:106:A:ASP:HA	4	0.64
(34,1147)	1:41:A:LYS:HA	1:44:A:GLU:HG3	11	0.64
(34,1057)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	10	0.64
(34,1017)	1:63:A:ILE:HA	1:64:A:LYS:HD2	3	0.64
(34,1017)	1:63:A:ILE:HA	1:64:A:LYS:HD3	3	0.64
(34,1017)	1:63:A:ILE:HA	1:64:A:LYS:HD2	4	0.64
(34,1017)	1:63:A:ILE:HA	1:64:A:LYS:HD3	4	0.64
(34,1016)	1:12:A:VAL:HB	1:43:A:MET:HE1	19	0.64
(34,1016)	1:12:A:VAL:HB	1:43:A:MET:HE2	19	0.64
(34,1016)	1:12:A:VAL:HB	1:43:A:MET:HE3	19	0.64
(34,942)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	3	0.64
(34,942)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	3	0.64
(34,942)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	3	0.64
(34,942)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	3	0.64
(34,940)	1:125:A:THR:HB	1:128:A:LEU:HB2	6	0.64
(34,911)	1:94:A:ALA:HA	1:95:A:ILE:HB	6	0.64
(34,878)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	14	0.64
(34,878)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	14	0.64
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG11	5	0.64
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG12	5	0.64
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG13	5	0.64
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG11	8	0.64
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG12	8	0.64
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG13	8	0.64
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG11	12	0.64
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG12	12	0.64
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG13	12	0.64
(34,739)	1:45:A:ALA:H	1:46:A:ASN:HD22	10	0.64
(34,497)	1:98:A:ILE:H	1:105:A:LYS:H	3	0.64
(34,126)	1:79:A:THR:HB	1:80:A:TYR:H	19	0.64
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD11	15	0.64
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD12	15	0.64
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD13	15	0.64
(33,2205)	1:60:A:LEU:HD11	1:120:A:CYS:HA	7	0.64
(33,2205)	1:60:A:LEU:HD12	1:120:A:CYS:HA	7	0.64
(33,2205)	1:60:A:LEU:HD13	1:120:A:CYS:HA	7	0.64
(33,2205)	1:60:A:LEU:HD21	1:120:A:CYS:HA	7	0.64
(33,2205)	1:60:A:LEU:HD22	1:120:A:CYS:HA	7	0.64
(33,2205)	1:60:A:LEU:HD23	1:120:A:CYS:HA	7	0.64
(33,2205)	1:60:A:LEU:HD11	1:120:A:CYS:HA	15	0.64
(33,2205)	1:60:A:LEU:HD12	1:120:A:CYS:HA	15	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2205)	1:60:A:LEU:HD13	1:120:A:CYS:HA	15	0.64
(33,2205)	1:60:A:LEU:HD21	1:120:A:CYS:HA	15	0.64
(33,2205)	1:60:A:LEU:HD22	1:120:A:CYS:HA	15	0.64
(33,2205)	1:60:A:LEU:HD23	1:120:A:CYS:HA	15	0.64
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD11	10	0.64
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD12	10	0.64
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD13	10	0.64
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD21	10	0.64
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD22	10	0.64
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD23	10	0.64
(33,2063)	1:31:A:PRO:HB2	1:35:A:LEU:HD11	3	0.64
(33,2063)	1:31:A:PRO:HB2	1:35:A:LEU:HD12	3	0.64
(33,2063)	1:31:A:PRO:HB2	1:35:A:LEU:HD13	3	0.64
(33,2063)	1:31:A:PRO:HB2	1:35:A:LEU:HD21	3	0.64
(33,2063)	1:31:A:PRO:HB2	1:35:A:LEU:HD22	3	0.64
(33,2063)	1:31:A:PRO:HB2	1:35:A:LEU:HD23	3	0.64
(33,2063)	1:31:A:PRO:HB3	1:35:A:LEU:HD11	3	0.64
(33,2063)	1:31:A:PRO:HB3	1:35:A:LEU:HD12	3	0.64
(33,2063)	1:31:A:PRO:HB3	1:35:A:LEU:HD13	3	0.64
(33,2063)	1:31:A:PRO:HB3	1:35:A:LEU:HD21	3	0.64
(33,2063)	1:31:A:PRO:HB3	1:35:A:LEU:HD22	3	0.64
(33,2063)	1:31:A:PRO:HB3	1:35:A:LEU:HD23	3	0.64
(33,2041)	1:23:A:LEU:HD11	1:27:A:ARG:HA	13	0.64
(33,2041)	1:23:A:LEU:HD12	1:27:A:ARG:HA	13	0.64
(33,2041)	1:23:A:LEU:HD13	1:27:A:ARG:HA	13	0.64
(33,2041)	1:23:A:LEU:HD21	1:27:A:ARG:HA	13	0.64
(33,2041)	1:23:A:LEU:HD22	1:27:A:ARG:HA	13	0.64
(33,2041)	1:23:A:LEU:HD23	1:27:A:ARG:HA	13	0.64
(33,1970)	1:12:A:VAL:HG11	1:43:A:MET:HB2	18	0.64
(33,1970)	1:12:A:VAL:HG12	1:43:A:MET:HB2	18	0.64
(33,1970)	1:12:A:VAL:HG13	1:43:A:MET:HB2	18	0.64
(33,1970)	1:12:A:VAL:HG21	1:43:A:MET:HB2	18	0.64
(33,1970)	1:12:A:VAL:HG22	1:43:A:MET:HB2	18	0.64
(33,1970)	1:12:A:VAL:HG23	1:43:A:MET:HB2	18	0.64
(33,1862)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	16	0.64
(33,1862)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	16	0.64
(33,1854)	1:9:A:PHE:HZ	1:44:A:GLU:HA	16	0.64
(33,1692)	1:43:A:MET:HE1	1:137:A:SER:H	14	0.64
(33,1692)	1:43:A:MET:HE2	1:137:A:SER:H	14	0.64
(33,1692)	1:43:A:MET:HE3	1:137:A:SER:H	14	0.64
(33,1637)	1:134:A:VAL:HG11	1:137:A:SER:H	2	0.64
(33,1637)	1:134:A:VAL:HG12	1:137:A:SER:H	2	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1637)	1:134:A:VAL:HG13	1:137:A:SER:H	2	0.64
(33,1633)	1:97:A:ASP:HB2	1:102:A:PRO:HA	13	0.64
(33,1633)	1:97:A:ASP:HB3	1:102:A:PRO:HA	13	0.64
(33,1573)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	9	0.64
(33,1573)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	9	0.64
(33,1573)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	9	0.64
(33,1470)	1:95:A:ILE:HG21	1:97:A:ASP:H	19	0.64
(33,1470)	1:95:A:ILE:HG22	1:97:A:ASP:H	19	0.64
(33,1470)	1:95:A:ILE:HG23	1:97:A:ASP:H	19	0.64
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG11	9	0.64
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG12	9	0.64
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG13	9	0.64
(33,1114)	1:41:A:LYS:HA	1:44:A:GLU:HG3	11	0.64
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG11	5	0.64
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG12	5	0.64
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG13	5	0.64
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG11	8	0.64
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG12	8	0.64
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG13	8	0.64
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG11	12	0.64
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG12	12	0.64
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG13	12	0.64
(33,732)	1:45:A:ALA:H	1:46:A:ASN:HD22	10	0.64
(33,121)	1:79:A:THR:HB	1:80:A:TYR:H	19	0.64
(33,13)	1:64:A:LYS:H	1:116:A:GLN:HG3	13	0.64
(32,2485)	1:144:A:LEU:HB3	1:146:A:GLN:HG2	14	0.64
(32,2485)	1:144:A:LEU:HB3	1:146:A:GLN:HG3	14	0.64
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD11	10	0.64
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD12	10	0.64
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD13	10	0.64
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD21	10	0.64
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD22	10	0.64
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD23	10	0.64
(32,1987)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	13	0.64
(32,1987)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	13	0.64
(32,1987)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	13	0.64
(32,1987)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	13	0.64
(32,1987)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	13	0.64
(32,1987)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	13	0.64
(32,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	9	0.64
(32,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	9	0.64
(32,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	9	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD21	9	0.64
(32,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD22	9	0.64
(32,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD23	9	0.64
(32,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	9	0.64
(32,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	9	0.64
(32,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	9	0.64
(32,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD21	9	0.64
(32,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD22	9	0.64
(32,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD23	9	0.64
(32,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	9	0.64
(32,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	9	0.64
(32,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	9	0.64
(32,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD21	9	0.64
(32,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD22	9	0.64
(32,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD23	9	0.64
(32,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	9	0.64
(32,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	9	0.64
(32,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	9	0.64
(32,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD21	9	0.64
(32,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD22	9	0.64
(32,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD23	9	0.64
(32,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	9	0.64
(32,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	9	0.64
(32,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	9	0.64
(32,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD21	9	0.64
(32,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD22	9	0.64
(32,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD23	9	0.64
(32,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	9	0.64
(32,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	9	0.64
(32,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	9	0.64
(32,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD21	9	0.64
(32,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD22	9	0.64
(32,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD23	9	0.64
(32,1940)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	19	0.64
(32,1940)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	19	0.64
(32,1940)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	19	0.64
(32,1940)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	19	0.64
(32,1940)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	19	0.64
(32,1940)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	19	0.64
(32,1940)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	19	0.64
(32,1940)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	19	0.64
(32,1940)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	19	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1940)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	19	0.64
(32,1940)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	19	0.64
(32,1940)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	19	0.64
(32,1869)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	5	0.64
(32,1869)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	5	0.64
(32,1869)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	5	0.64
(32,1869)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	5	0.64
(32,1833)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	12	0.64
(32,1833)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	12	0.64
(32,1824)	1:9:A:PHE:HZ	1:44:A:GLU:HA	16	0.64
(32,1816)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	18	0.64
(32,1816)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	18	0.64
(32,1816)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	18	0.64
(32,1816)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	18	0.64
(32,1816)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	18	0.64
(32,1816)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	18	0.64
(32,1761)	1:9:A:PHE:HD1	1:11:A:ILE:HB	4	0.64
(32,1761)	1:9:A:PHE:HD2	1:11:A:ILE:HB	4	0.64
(32,1730)	1:65:A:CYS:HB2	1:69:A:MET:HE1	17	0.64
(32,1730)	1:65:A:CYS:HB2	1:69:A:MET:HE2	17	0.64
(32,1730)	1:65:A:CYS:HB2	1:69:A:MET:HE3	17	0.64
(32,1602)	1:97:A:ASP:HB2	1:102:A:PRO:HA	13	0.64
(32,1602)	1:97:A:ASP:HB3	1:102:A:PRO:HA	13	0.64
(32,1478)	1:69:A:MET:HE1	1:115:A:ALA:H	13	0.64
(32,1478)	1:69:A:MET:HE2	1:115:A:ALA:H	13	0.64
(32,1478)	1:69:A:MET:HE3	1:115:A:ALA:H	13	0.64
(32,1357)	1:19:A:ALA:HB1	1:132:A:ALA:HA	6	0.64
(32,1357)	1:19:A:ALA:HB2	1:132:A:ALA:HA	6	0.64
(32,1357)	1:19:A:ALA:HB3	1:132:A:ALA:HA	6	0.64
(32,823)	1:43:A:MET:HE1	1:131:A:LEU:HB3	1	0.64
(32,823)	1:43:A:MET:HE2	1:131:A:LEU:HB3	1	0.64
(32,823)	1:43:A:MET:HE3	1:131:A:LEU:HB3	1	0.64
(32,799)	1:98:A:ILE:HD11	1:101:A:ILE:HB	2	0.64
(32,799)	1:98:A:ILE:HD12	1:101:A:ILE:HB	2	0.64
(32,799)	1:98:A:ILE:HD13	1:101:A:ILE:HB	2	0.64
(32,781)	1:63:A:ILE:HD11	1:116:A:GLN:HE21	7	0.64
(32,781)	1:63:A:ILE:HD12	1:116:A:GLN:HE21	7	0.64
(32,781)	1:63:A:ILE:HD13	1:116:A:GLN:HE21	7	0.64
(32,719)	1:45:A:ALA:H	1:46:A:ASN:HD22	10	0.64
(32,384)	1:105:A:LYS:HD2	1:106:A:ASP:H	1	0.64
(32,384)	1:105:A:LYS:HD3	1:106:A:ASP:H	1	0.64
(32,192)	1:101:A:ILE:H	1:104:A:PHE:HD1	4	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,192)	1:101:A:ILE:H	1:104:A:PHE:HD2	4	0.64
(32,192)	1:101:A:ILE:H	1:104:A:PHE:HD1	17	0.64
(32,192)	1:101:A:ILE:H	1:104:A:PHE:HD2	17	0.64
(32,182)	1:44:A:GLU:H	1:44:A:GLU:HG2	9	0.64
(32,120)	1:79:A:THR:HB	1:80:A:TYR:H	19	0.64
(30,2426)	1:136:A:CYS:HB2	1:141:A:LYS:HA	9	0.64
(30,2426)	1:136:A:CYS:HB3	1:141:A:LYS:HA	9	0.64
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD11	13	0.64
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD12	13	0.64
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD13	13	0.64
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD21	13	0.64
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD22	13	0.64
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD23	13	0.64
(30,2059)	1:31:A:PRO:HB2	1:35:A:LEU:HD11	3	0.64
(30,2059)	1:31:A:PRO:HB2	1:35:A:LEU:HD12	3	0.64
(30,2059)	1:31:A:PRO:HB2	1:35:A:LEU:HD13	3	0.64
(30,2059)	1:31:A:PRO:HB2	1:35:A:LEU:HD21	3	0.64
(30,2059)	1:31:A:PRO:HB2	1:35:A:LEU:HD22	3	0.64
(30,2059)	1:31:A:PRO:HB2	1:35:A:LEU:HD23	3	0.64
(30,2059)	1:31:A:PRO:HB3	1:35:A:LEU:HD11	3	0.64
(30,2059)	1:31:A:PRO:HB3	1:35:A:LEU:HD12	3	0.64
(30,2059)	1:31:A:PRO:HB3	1:35:A:LEU:HD13	3	0.64
(30,2059)	1:31:A:PRO:HB3	1:35:A:LEU:HD21	3	0.64
(30,2059)	1:31:A:PRO:HB3	1:35:A:LEU:HD22	3	0.64
(30,2059)	1:31:A:PRO:HB3	1:35:A:LEU:HD23	3	0.64
(30,1867)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	16	0.64
(30,1867)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	16	0.64
(30,1858)	1:9:A:PHE:HZ	1:44:A:GLU:HA	16	0.64
(30,1787)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	8	0.64
(30,1787)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	8	0.64
(30,1710)	1:141:A:LYS:HA	1:145:A:PRO:HD3	1	0.64
(30,1710)	1:141:A:LYS:HA	1:145:A:PRO:HD3	9	0.64
(30,1596)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	17	0.64
(30,1596)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	17	0.64
(30,1596)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	17	0.64
(30,1596)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	17	0.64
(30,1596)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	17	0.64
(30,1596)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	17	0.64
(30,1596)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	17	0.64
(30,1596)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	17	0.64
(30,1596)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	17	0.64
(30,1585)	1:97:A:ASP:H	1:98:A:ILE:HD11	6	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1585)	1:97:A:ASP:H	1:98:A:ILE:HD12	6	0.64
(30,1585)	1:97:A:ASP:H	1:98:A:ILE:HD13	6	0.64
(30,1509)	1:98:A:ILE:HG21	1:101:A:ILE:HB	19	0.64
(30,1509)	1:98:A:ILE:HG22	1:101:A:ILE:HB	19	0.64
(30,1509)	1:98:A:ILE:HG23	1:101:A:ILE:HB	19	0.64
(30,954)	1:15:A:ALA:HB1	1:43:A:MET:HB2	9	0.64
(30,954)	1:15:A:ALA:HB2	1:43:A:MET:HB2	9	0.64
(30,954)	1:15:A:ALA:HB3	1:43:A:MET:HB2	9	0.64
(30,885)	1:95:A:ILE:H	1:95:A:ILE:HB	10	0.64
(30,731)	1:45:A:ALA:H	1:46:A:ASN:HD22	10	0.64
(30,92)	1:96:A:VAL:H	1:97:A:ASP:H	6	0.64
(30,62)	1:80:A:TYR:HA	1:81:A:GLU:H	13	0.64
(30,62)	1:80:A:TYR:HA	1:81:A:GLU:H	15	0.64
(29,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	16	0.64
(29,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	16	0.64
(29,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	16	0.64
(29,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	16	0.64
(29,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	16	0.64
(29,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	16	0.64
(29,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	16	0.64
(29,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	16	0.64
(29,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	16	0.64
(29,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	16	0.64
(29,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	16	0.64
(29,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	16	0.64
(29,1790)	1:65:A:CYS:HB2	1:69:A:MET:HE1	17	0.64
(29,1790)	1:65:A:CYS:HB2	1:69:A:MET:HE2	17	0.64
(29,1790)	1:65:A:CYS:HB2	1:69:A:MET:HE3	17	0.64
(29,1741)	1:79:A:THR:HG21	1:81:A:GLU:HG2	8	0.64
(29,1741)	1:79:A:THR:HG21	1:81:A:GLU:HG3	8	0.64
(29,1741)	1:79:A:THR:HG22	1:81:A:GLU:HG2	8	0.64
(29,1741)	1:79:A:THR:HG22	1:81:A:GLU:HG3	8	0.64
(29,1741)	1:79:A:THR:HG23	1:81:A:GLU:HG2	8	0.64
(29,1741)	1:79:A:THR:HG23	1:81:A:GLU:HG3	8	0.64
(29,1659)	1:97:A:ASP:HB2	1:102:A:PRO:HA	13	0.64
(29,1659)	1:97:A:ASP:HB3	1:102:A:PRO:HA	13	0.64
(29,1598)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	9	0.64
(29,1598)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	9	0.64
(29,1598)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	9	0.64
(29,1596)	1:97:A:ASP:H	1:98:A:ILE:HD11	6	0.64
(29,1596)	1:97:A:ASP:H	1:98:A:ILE:HD12	6	0.64
(29,1596)	1:97:A:ASP:H	1:98:A:ILE:HD13	6	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1130)	1:41:A:LYS:HA	1:44:A:GLU:HG3	11	0.64
(29,1040)	1:8:A:ASP:H	1:58:A:ILE:HG12	18	0.64
(29,1004)	1:63:A:ILE:HA	1:64:A:LYS:HD2	3	0.64
(29,1004)	1:63:A:ILE:HA	1:64:A:LYS:HD3	3	0.64
(29,1004)	1:63:A:ILE:HA	1:64:A:LYS:HD2	4	0.64
(29,1004)	1:63:A:ILE:HA	1:64:A:LYS:HD3	4	0.64
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	16	0.64
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	16	0.64
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	16	0.64
(29,706)	1:46:A:ASN:HB3	1:134:A:VAL:H	11	0.64
(29,446)	1:68:A:LYS:H	1:70:A:LYS:HG3	8	0.64
(29,206)	1:101:A:ILE:H	1:104:A:PHE:HD1	4	0.64
(29,206)	1:101:A:ILE:H	1:104:A:PHE:HD2	4	0.64
(29,206)	1:101:A:ILE:H	1:104:A:PHE:HD1	17	0.64
(29,206)	1:101:A:ILE:H	1:104:A:PHE:HD2	17	0.64
(29,127)	1:79:A:THR:HB	1:80:A:TYR:H	19	0.64
(29,108)	1:69:A:MET:H	1:69:A:MET:HE1	1	0.64
(29,108)	1:69:A:MET:H	1:69:A:MET:HE2	1	0.64
(29,108)	1:69:A:MET:H	1:69:A:MET:HE3	1	0.64
(29,37)	1:95:A:ILE:HB	1:96:A:VAL:H	12	0.64
(23,19)	1:120:A:CYS:N	1:116:A:GLN:O	9	0.64
(23,15)	1:116:A:GLN:N	1:112:A:GLN:O	5	0.64
(23,10)	1:101:A:ILE:N	1:98:A:ILE:O	11	0.64
(23,7)	1:60:A:LEU:N	1:56:A:CYS:O	13	0.64
(22,40)	1:128:A:LEU:N	1:124:A:THR:C	7	0.64
(22,40)	1:128:A:LEU:N	1:124:A:THR:C	8	0.64
(22,36)	1:119:A:LEU:N	1:115:A:ALA:C	14	0.64
(22,36)	1:119:A:LEU:N	1:115:A:ALA:C	17	0.64
(22,33)	1:118:A:ASP:H	1:114:A:ILE:C	7	0.64
(22,33)	1:118:A:ASP:H	1:114:A:ILE:C	11	0.64
(22,10)	1:58:A:ILE:N	1:54:A:ARG:C	14	0.64
(22,9)	1:58:A:ILE:H	1:54:A:ARG:C	15	0.64
(22,2)	1:17:A:ASN:N	1:13:A:ALA:C	3	0.64
(22,2)	1:17:A:ASN:N	1:13:A:ALA:C	9	0.64
(22,2)	1:17:A:ASN:N	1:13:A:ALA:C	14	0.64
(22,1)	1:17:A:ASN:H	1:13:A:ALA:C	12	0.64
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD11	7	0.64
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD12	7	0.64
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD13	7	0.64
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD21	7	0.64
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD22	7	0.64
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD23	7	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2277)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	12	0.64
(18,2277)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	12	0.64
(18,2277)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	12	0.64
(18,2277)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	12	0.64
(18,2277)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	12	0.64
(18,2277)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	12	0.64
(18,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB2	3	0.64
(18,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB3	3	0.64
(18,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB2	3	0.64
(18,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB3	3	0.64
(18,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB2	3	0.64
(18,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB3	3	0.64
(18,2226)	1:60:A:LEU:HD11	1:123:A:CYS:H	4	0.64
(18,2226)	1:60:A:LEU:HD12	1:123:A:CYS:H	4	0.64
(18,2226)	1:60:A:LEU:HD13	1:123:A:CYS:H	4	0.64
(18,2226)	1:60:A:LEU:HD21	1:123:A:CYS:H	4	0.64
(18,2226)	1:60:A:LEU:HD22	1:123:A:CYS:H	4	0.64
(18,2226)	1:60:A:LEU:HD23	1:123:A:CYS:H	4	0.64
(18,2092)	1:38:A:GLU:HA	1:139:A:LEU:HD11	17	0.64
(18,2092)	1:38:A:GLU:HA	1:139:A:LEU:HD12	17	0.64
(18,2092)	1:38:A:GLU:HA	1:139:A:LEU:HD13	17	0.64
(18,2092)	1:38:A:GLU:HA	1:139:A:LEU:HD21	17	0.64
(18,2092)	1:38:A:GLU:HA	1:139:A:LEU:HD22	17	0.64
(18,2092)	1:38:A:GLU:HA	1:139:A:LEU:HD23	17	0.64
(18,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	12	0.64
(18,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	12	0.64
(18,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	12	0.64
(18,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	12	0.64
(18,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	12	0.64
(18,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	12	0.64
(18,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	12	0.64
(18,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	12	0.64
(18,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	12	0.64
(18,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	12	0.64
(18,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	12	0.64
(18,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	12	0.64
(18,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	12	0.64
(18,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	12	0.64
(18,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	12	0.64
(18,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	12	0.64
(18,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	12	0.64
(18,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	12	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1970)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	16	0.64
(18,1970)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	16	0.64
(18,1970)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	16	0.64
(18,1970)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	16	0.64
(18,1970)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	16	0.64
(18,1970)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	16	0.64
(18,1970)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	16	0.64
(18,1970)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	16	0.64
(18,1970)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	16	0.64
(18,1970)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	16	0.64
(18,1970)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	16	0.64
(18,1970)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	16	0.64
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD11	4	0.64
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD12	4	0.64
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD13	4	0.64
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD21	4	0.64
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD22	4	0.64
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD23	4	0.64
(18,1844)	1:9:A:PHE:HZ	1:44:A:GLU:HA	16	0.64
(18,1835)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	4	0.64
(18,1835)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	4	0.64
(18,1835)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	4	0.64
(18,1835)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	4	0.64
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	3	0.64
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	3	0.64
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	3	0.64
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	3	0.64
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	3	0.64
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	3	0.64
(18,1570)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	9	0.64
(18,1570)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	9	0.64
(18,1570)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	9	0.64
(18,1541)	1:118:A:ASP:HB3	1:119:A:LEU:HD21	15	0.64
(18,1541)	1:118:A:ASP:HB3	1:119:A:LEU:HD22	15	0.64
(18,1541)	1:118:A:ASP:HB3	1:119:A:LEU:HD23	15	0.64
(18,1508)	1:69:A:MET:HE1	1:115:A:ALA:H	13	0.64
(18,1508)	1:69:A:MET:HE2	1:115:A:ALA:H	13	0.64
(18,1508)	1:69:A:MET:HE3	1:115:A:ALA:H	13	0.64
(18,1002)	1:63:A:ILE:HA	1:64:A:LYS:HD2	3	0.64
(18,1002)	1:63:A:ILE:HA	1:64:A:LYS:HD3	3	0.64
(18,1002)	1:63:A:ILE:HA	1:64:A:LYS:HD2	4	0.64
(18,1002)	1:63:A:ILE:HA	1:64:A:LYS:HD3	4	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,942)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	12	0.64
(18,942)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	12	0.64
(18,749)	1:45:A:ALA:H	1:46:A:ASN:HD22	10	0.64
(18,501)	1:98:A:ILE:H	1:105:A:LYS:H	3	0.64
(18,322)	1:11:A:ILE:HD11	1:43:A:MET:H	5	0.64
(18,322)	1:11:A:ILE:HD12	1:43:A:MET:H	5	0.64
(18,322)	1:11:A:ILE:HD13	1:43:A:MET:H	5	0.64
(18,239)	1:112:A:GLN:HG2	1:114:A:ILE:H	2	0.64
(18,239)	1:112:A:GLN:HG3	1:114:A:ILE:H	2	0.64
(18,207)	1:101:A:ILE:H	1:104:A:PHE:HD1	4	0.64
(18,207)	1:101:A:ILE:H	1:104:A:PHE:HD2	4	0.64
(18,207)	1:101:A:ILE:H	1:104:A:PHE:HD1	17	0.64
(18,207)	1:101:A:ILE:H	1:104:A:PHE:HD2	17	0.64
(18,196)	1:44:A:GLU:H	1:44:A:GLU:HG2	9	0.64
(18,11)	1:64:A:LYS:H	1:64:A:LYS:HE2	4	0.64
(18,11)	1:64:A:LYS:H	1:64:A:LYS:HE3	4	0.64
(17,1915)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	8	0.64
(17,1915)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	8	0.64
(17,1915)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	8	0.64
(17,1915)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	8	0.64
(17,1883)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	12	0.64
(17,1883)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	12	0.64
(17,1881)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	16	0.64
(17,1881)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	16	0.64
(17,1873)	1:9:A:PHE:HZ	1:44:A:GLU:HA	16	0.64
(17,1863)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	4	0.64
(17,1863)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	4	0.64
(17,1863)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	4	0.64
(17,1863)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	4	0.64
(17,1785)	1:65:A:CYS:HB2	1:69:A:MET:HE1	17	0.64
(17,1785)	1:65:A:CYS:HB2	1:69:A:MET:HE2	17	0.64
(17,1785)	1:65:A:CYS:HB2	1:69:A:MET:HE3	17	0.64
(17,1662)	1:97:A:ASP:HB2	1:102:A:PRO:HA	13	0.64
(17,1662)	1:97:A:ASP:HB3	1:102:A:PRO:HA	13	0.64
(17,1582)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	6	0.64
(17,1582)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	6	0.64
(17,1582)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	6	0.64
(17,1582)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	6	0.64
(17,1582)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	6	0.64
(17,1582)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	6	0.64
(17,1582)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	6	0.64
(17,1582)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	6	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1582)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	6	0.64
(17,1534)	1:98:A:ILE:HG21	1:101:A:ILE:HB	19	0.64
(17,1534)	1:98:A:ILE:HG22	1:101:A:ILE:HB	19	0.64
(17,1534)	1:98:A:ILE:HG23	1:101:A:ILE:HB	19	0.64
(17,1496)	1:45:A:ALA:HB1	1:49:A:LYS:HB2	17	0.64
(17,1496)	1:45:A:ALA:HB1	1:49:A:LYS:HB3	17	0.64
(17,1496)	1:45:A:ALA:HB2	1:49:A:LYS:HB2	17	0.64
(17,1496)	1:45:A:ALA:HB2	1:49:A:LYS:HB3	17	0.64
(17,1496)	1:45:A:ALA:HB3	1:49:A:LYS:HB2	17	0.64
(17,1496)	1:45:A:ALA:HB3	1:49:A:LYS:HB3	17	0.64
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD21	7	0.64
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD22	7	0.64
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD23	7	0.64
(17,1262)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	1	0.64
(17,1262)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	1	0.64
(17,1262)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	1	0.64
(17,1262)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	1	0.64
(17,1262)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	1	0.64
(17,1262)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	1	0.64
(17,1262)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	1	0.64
(17,1262)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	1	0.64
(17,1262)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	1	0.64
(17,1261)	1:12:A:VAL:H	1:12:A:VAL:HG11	2	0.64
(17,1261)	1:12:A:VAL:H	1:12:A:VAL:HG12	2	0.64
(17,1261)	1:12:A:VAL:H	1:12:A:VAL:HG13	2	0.64
(17,1128)	1:41:A:LYS:HA	1:44:A:GLU:HG3	11	0.64
(17,893)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	9	0.64
(17,893)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	9	0.64
(17,893)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	9	0.64
(17,577)	1:126:A:GLY:H	1:128:A:LEU:HG	4	0.64
(17,504)	1:70:A:LYS:HE2	1:71:A:LYS:H	8	0.64
(17,504)	1:70:A:LYS:HE3	1:71:A:LYS:H	8	0.64
(17,466)	1:14:A:VAL:H	1:61:A:SER:HA	2	0.64
(17,123)	1:79:A:THR:HB	1:80:A:TYR:H	19	0.64
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD11	10	0.64
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD12	10	0.64
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD13	10	0.64
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD21	10	0.64
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD22	10	0.64
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD23	10	0.64
(16,2151)	1:43:A:MET:HE1	1:131:A:LEU:HB2	10	0.64
(16,2151)	1:43:A:MET:HE1	1:131:A:LEU:HB3	10	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2151)	1:43:A:MET:HE2	1:131:A:LEU:HB2	10	0.64
(16,2151)	1:43:A:MET:HE2	1:131:A:LEU:HB3	10	0.64
(16,2151)	1:43:A:MET:HE3	1:131:A:LEU:HB2	10	0.64
(16,2151)	1:43:A:MET:HE3	1:131:A:LEU:HB3	10	0.64
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD11	9	0.64
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD12	9	0.64
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD13	9	0.64
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD21	9	0.64
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD22	9	0.64
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD23	9	0.64
(16,1906)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	2	0.64
(16,1906)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	2	0.64
(16,1888)	1:150:A:THR:H	1:151:A:PHE:HD1	18	0.64
(16,1888)	1:150:A:THR:H	1:151:A:PHE:HD2	18	0.64
(16,1844)	1:9:A:PHE:HZ	1:44:A:GLU:HA	16	0.64
(16,1638)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	2	0.64
(16,1638)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	2	0.64
(16,1638)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	2	0.64
(16,1638)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	2	0.64
(16,1638)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	2	0.64
(16,1638)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	2	0.64
(16,1638)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	2	0.64
(16,1638)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	2	0.64
(16,1638)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	2	0.64
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD21	7	0.64
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD22	7	0.64
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD23	7	0.64
(16,1569)	1:97:A:ASP:H	1:98:A:ILE:HD11	6	0.64
(16,1569)	1:97:A:ASP:H	1:98:A:ILE:HD12	6	0.64
(16,1569)	1:97:A:ASP:H	1:98:A:ILE:HD13	6	0.64
(16,1511)	1:98:A:ILE:HG21	1:101:A:ILE:HB	19	0.64
(16,1511)	1:98:A:ILE:HG22	1:101:A:ILE:HB	19	0.64
(16,1511)	1:98:A:ILE:HG23	1:101:A:ILE:HB	19	0.64
(16,884)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	9	0.64
(16,884)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	9	0.64
(16,736)	1:50:A:ALA:H	1:130:A:GLY:HA3	2	0.64
(16,708)	1:46:A:ASN:HB3	1:134:A:VAL:H	11	0.64
(16,596)	1:75:A:GLY:H	1:76:A:ARG:HB2	1	0.64
(16,587)	1:126:A:GLY:H	1:128:A:LEU:HG	15	0.64
(16,399)	1:105:A:LYS:HD2	1:106:A:ASP:H	1	0.64
(16,399)	1:105:A:LYS:HD3	1:106:A:ASP:H	1	0.64
(16,303)	1:43:A:MET:H	1:43:A:MET:HG2	2	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,35)	1:95:A:ILE:HB	1:96:A:VAL:H	12	0.64
(16,12)	1:64:A:LYS:H	1:64:A:LYS:HE2	4	0.64
(16,12)	1:64:A:LYS:H	1:64:A:LYS:HE3	4	0.64
(15,2431)	1:134:A:VAL:HG11	1:137:A:SER:H	7	0.64
(15,2431)	1:134:A:VAL:HG12	1:137:A:SER:H	7	0.64
(15,2431)	1:134:A:VAL:HG13	1:137:A:SER:H	7	0.64
(15,2431)	1:134:A:VAL:HG21	1:137:A:SER:H	7	0.64
(15,2431)	1:134:A:VAL:HG22	1:137:A:SER:H	7	0.64
(15,2431)	1:134:A:VAL:HG23	1:137:A:SER:H	7	0.64
(15,2278)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	19	0.64
(15,2278)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	19	0.64
(15,2278)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	19	0.64
(15,2278)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	19	0.64
(15,2278)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	19	0.64
(15,2278)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	19	0.64
(15,2278)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	19	0.64
(15,2278)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	19	0.64
(15,2278)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	19	0.64
(15,2278)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	19	0.64
(15,2278)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	19	0.64
(15,2278)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	19	0.64
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD11	10	0.64
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD12	10	0.64
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD13	10	0.64
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD21	10	0.64
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD22	10	0.64
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD23	10	0.64
(15,2099)	1:40:A:LEU:HA	1:43:A:MET:HG2	9	0.64
(15,2099)	1:40:A:LEU:HA	1:43:A:MET:HG3	9	0.64
(15,1994)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	13	0.64
(15,1994)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	13	0.64
(15,1994)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	13	0.64
(15,1994)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	13	0.64
(15,1994)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	13	0.64
(15,1994)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	13	0.64
(15,1850)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	12	0.64
(15,1850)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	12	0.64
(15,1774)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	8	0.64
(15,1774)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	8	0.64
(15,1757)	1:65:A:CYS:HB2	1:69:A:MET:HE1	17	0.64
(15,1757)	1:65:A:CYS:HB2	1:69:A:MET:HE2	17	0.64
(15,1757)	1:65:A:CYS:HB2	1:69:A:MET:HE3	17	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1640)	1:97:A:ASP:HB2	1:102:A:PRO:HA	13	0.64
(15,1640)	1:97:A:ASP:HB3	1:102:A:PRO:HA	13	0.64
(15,1578)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	9	0.64
(15,1578)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	9	0.64
(15,1578)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	9	0.64
(15,1509)	1:69:A:MET:HE1	1:115:A:ALA:H	13	0.64
(15,1509)	1:69:A:MET:HE2	1:115:A:ALA:H	13	0.64
(15,1509)	1:69:A:MET:HE3	1:115:A:ALA:H	13	0.64
(15,1257)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	1	0.64
(15,1257)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	1	0.64
(15,1257)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	1	0.64
(15,1257)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	1	0.64
(15,1257)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	1	0.64
(15,1257)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	1	0.64
(15,1257)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	1	0.64
(15,1257)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	1	0.64
(15,1257)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	1	0.64
(15,1256)	1:12:A:VAL:H	1:12:A:VAL:HG11	2	0.64
(15,1256)	1:12:A:VAL:H	1:12:A:VAL:HG12	2	0.64
(15,1256)	1:12:A:VAL:H	1:12:A:VAL:HG13	2	0.64
(15,997)	1:12:A:VAL:HB	1:43:A:MET:HE1	19	0.64
(15,997)	1:12:A:VAL:HB	1:43:A:MET:HE2	19	0.64
(15,997)	1:12:A:VAL:HB	1:43:A:MET:HE3	19	0.64
(15,820)	1:98:A:ILE:HD11	1:101:A:ILE:HB	5	0.64
(15,820)	1:98:A:ILE:HD12	1:101:A:ILE:HB	5	0.64
(15,820)	1:98:A:ILE:HD13	1:101:A:ILE:HB	5	0.64
(15,763)	1:37:A:LEU:H	1:40:A:LEU:HB2	10	0.64
(15,206)	1:101:A:ILE:H	1:104:A:PHE:HD1	4	0.64
(15,206)	1:101:A:ILE:H	1:104:A:PHE:HD2	4	0.64
(15,206)	1:101:A:ILE:H	1:104:A:PHE:HD1	17	0.64
(15,206)	1:101:A:ILE:H	1:104:A:PHE:HD2	17	0.64
(15,66)	1:80:A:TYR:HA	1:81:A:GLU:H	13	0.64
(15,66)	1:80:A:TYR:HA	1:81:A:GLU:H	15	0.64
(15,32)	1:96:A:VAL:H	1:97:A:ASP:H	1	0.64
(15,14)	1:64:A:LYS:H	1:116:A:GLN:HG2	18	0.64
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD11	10	0.64
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD12	10	0.64
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD13	10	0.64
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD21	10	0.64
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD22	10	0.64
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD23	10	0.64
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	16	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	16	0.64
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	16	0.64
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	16	0.64
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	16	0.64
(13,2019)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	16	0.64
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	16	0.64
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	16	0.64
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	16	0.64
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	16	0.64
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	16	0.64
(13,2019)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	16	0.64
(13,1954)	1:14:A:VAL:HG11	1:57:A:LEU:H	6	0.64
(13,1954)	1:14:A:VAL:HG12	1:57:A:LEU:H	6	0.64
(13,1954)	1:14:A:VAL:HG13	1:57:A:LEU:H	6	0.64
(13,1954)	1:14:A:VAL:HG21	1:57:A:LEU:H	6	0.64
(13,1954)	1:14:A:VAL:HG22	1:57:A:LEU:H	6	0.64
(13,1954)	1:14:A:VAL:HG23	1:57:A:LEU:H	6	0.64
(13,1931)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	16	0.64
(13,1931)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	16	0.64
(13,1931)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	16	0.64
(13,1931)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	16	0.64
(13,1931)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	16	0.64
(13,1931)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	16	0.64
(13,1931)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	16	0.64
(13,1931)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	16	0.64
(13,1931)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	16	0.64
(13,1931)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	16	0.64
(13,1931)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	16	0.64
(13,1931)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	16	0.64
(13,1850)	1:18:A:PHE:HE1	1:131:A:LEU:H	11	0.64
(13,1850)	1:18:A:PHE:HE2	1:131:A:LEU:H	11	0.64
(13,1825)	1:9:A:PHE:HE1	1:14:A:VAL:HB	8	0.64
(13,1825)	1:9:A:PHE:HE2	1:14:A:VAL:HB	8	0.64
(13,1783)	1:9:A:PHE:HZ	1:54:A:ARG:HA	1	0.64
(13,1552)	1:97:A:ASP:H	1:98:A:ILE:HD11	6	0.64
(13,1552)	1:97:A:ASP:H	1:98:A:ILE:HD12	6	0.64
(13,1552)	1:97:A:ASP:H	1:98:A:ILE:HD13	6	0.64
(13,1484)	1:98:A:ILE:HG21	1:101:A:ILE:HB	19	0.64
(13,1484)	1:98:A:ILE:HG22	1:101:A:ILE:HB	19	0.64
(13,1484)	1:98:A:ILE:HG23	1:101:A:ILE:HB	19	0.64
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD21	7	0.64
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD22	7	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD23	7	0.64
(13,973)	1:63:A:ILE:HA	1:64:A:LYS:HD2	3	0.64
(13,973)	1:63:A:ILE:HA	1:64:A:LYS:HD3	3	0.64
(13,973)	1:63:A:ILE:HA	1:64:A:LYS:HD2	4	0.64
(13,973)	1:63:A:ILE:HA	1:64:A:LYS:HD3	4	0.64
(13,970)	1:105:A:LYS:HD2	1:107:A:LEU:H	15	0.64
(13,970)	1:105:A:LYS:HD3	1:107:A:LEU:H	15	0.64
(13,718)	1:45:A:ALA:H	1:46:A:ASN:HD22	10	0.64
(13,702)	1:9:A:PHE:HD1	1:54:A:ARG:HE	14	0.64
(13,702)	1:9:A:PHE:HD2	1:54:A:ARG:HE	14	0.64
(13,390)	1:105:A:LYS:HD2	1:106:A:ASP:H	16	0.64
(13,390)	1:105:A:LYS:HD3	1:106:A:ASP:H	16	0.64
(13,121)	1:79:A:THR:HB	1:80:A:TYR:H	19	0.64
(13,10)	1:64:A:LYS:H	1:64:A:LYS:HE2	4	0.64
(13,10)	1:64:A:LYS:H	1:64:A:LYS:HE3	4	0.64
(11,2425)	1:137:A:SER:HB2	1:140:A:LEU:HB2	15	0.64
(11,2425)	1:137:A:SER:HB3	1:140:A:LEU:HB2	15	0.64
(11,2140)	1:40:A:LEU:HA	1:43:A:MET:HG2	9	0.64
(11,2140)	1:40:A:LEU:HA	1:43:A:MET:HG3	9	0.64
(11,2069)	1:31:A:PRO:HB2	1:35:A:LEU:HD11	3	0.64
(11,2069)	1:31:A:PRO:HB2	1:35:A:LEU:HD12	3	0.64
(11,2069)	1:31:A:PRO:HB2	1:35:A:LEU:HD13	3	0.64
(11,2069)	1:31:A:PRO:HB2	1:35:A:LEU:HD21	3	0.64
(11,2069)	1:31:A:PRO:HB2	1:35:A:LEU:HD22	3	0.64
(11,2069)	1:31:A:PRO:HB2	1:35:A:LEU:HD23	3	0.64
(11,2069)	1:31:A:PRO:HB3	1:35:A:LEU:HD11	3	0.64
(11,2069)	1:31:A:PRO:HB3	1:35:A:LEU:HD12	3	0.64
(11,2069)	1:31:A:PRO:HB3	1:35:A:LEU:HD13	3	0.64
(11,2069)	1:31:A:PRO:HB3	1:35:A:LEU:HD21	3	0.64
(11,2069)	1:31:A:PRO:HB3	1:35:A:LEU:HD22	3	0.64
(11,2069)	1:31:A:PRO:HB3	1:35:A:LEU:HD23	3	0.64
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	18	0.64
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	18	0.64
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	18	0.64
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	18	0.64
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	18	0.64
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	18	0.64
(11,1878)	1:9:A:PHE:HZ	1:44:A:GLU:HA	16	0.64
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	13	0.64
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	13	0.64
(11,1818)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	8	0.64
(11,1818)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	8	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1757)	1:79:A:THR:HG21	1:81:A:GLU:HG2	8	0.64
(11,1757)	1:79:A:THR:HG21	1:81:A:GLU:HG3	8	0.64
(11,1757)	1:79:A:THR:HG22	1:81:A:GLU:HG2	8	0.64
(11,1757)	1:79:A:THR:HG22	1:81:A:GLU:HG3	8	0.64
(11,1757)	1:79:A:THR:HG23	1:81:A:GLU:HG2	8	0.64
(11,1757)	1:79:A:THR:HG23	1:81:A:GLU:HG3	8	0.64
(11,1742)	1:141:A:LYS:HA	1:145:A:PRO:HD3	10	0.64
(11,1690)	1:69:A:MET:HA	1:69:A:MET:HE1	6	0.64
(11,1690)	1:69:A:MET:HA	1:69:A:MET:HE2	6	0.64
(11,1690)	1:69:A:MET:HA	1:69:A:MET:HE3	6	0.64
(11,1679)	1:97:A:ASP:HB2	1:102:A:PRO:HA	13	0.64
(11,1679)	1:97:A:ASP:HB3	1:102:A:PRO:HA	13	0.64
(11,1624)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	17	0.64
(11,1624)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	17	0.64
(11,1624)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	17	0.64
(11,1624)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	17	0.64
(11,1624)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	17	0.64
(11,1624)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	17	0.64
(11,1624)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	17	0.64
(11,1624)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	17	0.64
(11,1624)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	17	0.64
(11,1612)	1:97:A:ASP:H	1:98:A:ILE:HD11	6	0.64
(11,1612)	1:97:A:ASP:H	1:98:A:ILE:HD12	6	0.64
(11,1612)	1:97:A:ASP:H	1:98:A:ILE:HD13	6	0.64
(11,1606)	1:61:A:SER:HA	1:63:A:ILE:HD11	11	0.64
(11,1606)	1:61:A:SER:HA	1:63:A:ILE:HD12	11	0.64
(11,1606)	1:61:A:SER:HA	1:63:A:ILE:HD13	11	0.64
(11,1601)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	6	0.64
(11,1601)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	6	0.64
(11,1601)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	6	0.64
(11,1601)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	6	0.64
(11,1601)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	6	0.64
(11,1601)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	6	0.64
(11,1601)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	6	0.64
(11,1601)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	6	0.64
(11,1601)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	6	0.64
(11,1590)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	6	0.64
(11,1590)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	6	0.64
(11,1590)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	6	0.64
(11,1590)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	6	0.64
(11,1590)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	6	0.64
(11,1590)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	6	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1590)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	6	0.64
(11,1590)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	6	0.64
(11,1590)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	6	0.64
(11,1566)	1:46:A:ASN:HB3	1:134:A:VAL:HB	1	0.64
(11,1531)	1:98:A:ILE:HG21	1:101:A:ILE:HB	19	0.64
(11,1531)	1:98:A:ILE:HG22	1:101:A:ILE:HB	19	0.64
(11,1531)	1:98:A:ILE:HG23	1:101:A:ILE:HB	19	0.64
(11,1496)	1:45:A:ALA:HB1	1:48:A:ARG:HB2	1	0.64
(11,1496)	1:45:A:ALA:HB1	1:48:A:ARG:HB3	1	0.64
(11,1496)	1:45:A:ALA:HB2	1:48:A:ARG:HB2	1	0.64
(11,1496)	1:45:A:ALA:HB2	1:48:A:ARG:HB3	1	0.64
(11,1496)	1:45:A:ALA:HB3	1:48:A:ARG:HB2	1	0.64
(11,1496)	1:45:A:ALA:HB3	1:48:A:ARG:HB3	1	0.64
(11,1126)	1:41:A:LYS:HA	1:44:A:GLU:HG3	11	0.64
(11,1052)	1:11:A:ILE:HA	1:14:A:VAL:HB	3	0.64
(11,956)	1:40:A:LEU:HA	1:43:A:MET:HG2	5	0.64
(11,956)	1:40:A:LEU:HA	1:43:A:MET:HG2	15	0.64
(11,891)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	9	0.64
(11,891)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	9	0.64
(11,891)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	9	0.64
(11,817)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	10	0.64
(11,817)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	10	0.64
(11,817)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	10	0.64
(11,733)	1:45:A:ALA:H	1:46:A:ASN:HD22	10	0.64
(11,488)	1:98:A:ILE:H	1:105:A:LYS:H	3	0.64
(11,367)	1:70:A:LYS:H	1:70:A:LYS:HE2	8	0.64
(11,367)	1:70:A:LYS:H	1:70:A:LYS:HE3	8	0.64
(11,67)	1:80:A:TYR:HA	1:81:A:GLU:H	13	0.64
(11,67)	1:80:A:TYR:HA	1:81:A:GLU:H	15	0.64
(9,2380)	1:134:A:VAL:HG11	1:137:A:SER:H	7	0.64
(9,2380)	1:134:A:VAL:HG12	1:137:A:SER:H	7	0.64
(9,2380)	1:134:A:VAL:HG13	1:137:A:SER:H	7	0.64
(9,2380)	1:134:A:VAL:HG21	1:137:A:SER:H	7	0.64
(9,2380)	1:134:A:VAL:HG22	1:137:A:SER:H	7	0.64
(9,2380)	1:134:A:VAL:HG23	1:137:A:SER:H	7	0.64
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD11	10	0.64
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD12	10	0.64
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD13	10	0.64
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD21	10	0.64
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD22	10	0.64
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD23	10	0.64
(9,2038)	1:31:A:PRO:HB2	1:35:A:LEU:HD11	3	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2038)	1:31:A:PRO:HB2	1:35:A:LEU:HD12	3	0.64
(9,2038)	1:31:A:PRO:HB2	1:35:A:LEU:HD13	3	0.64
(9,2038)	1:31:A:PRO:HB2	1:35:A:LEU:HD21	3	0.64
(9,2038)	1:31:A:PRO:HB2	1:35:A:LEU:HD22	3	0.64
(9,2038)	1:31:A:PRO:HB2	1:35:A:LEU:HD23	3	0.64
(9,2038)	1:31:A:PRO:HB3	1:35:A:LEU:HD11	3	0.64
(9,2038)	1:31:A:PRO:HB3	1:35:A:LEU:HD12	3	0.64
(9,2038)	1:31:A:PRO:HB3	1:35:A:LEU:HD13	3	0.64
(9,2038)	1:31:A:PRO:HB3	1:35:A:LEU:HD21	3	0.64
(9,2038)	1:31:A:PRO:HB3	1:35:A:LEU:HD22	3	0.64
(9,2038)	1:31:A:PRO:HB3	1:35:A:LEU:HD23	3	0.64
(9,1848)	1:9:A:PHE:HZ	1:44:A:GLU:HA	16	0.64
(9,1763)	1:65:A:CYS:HB2	1:69:A:MET:HE1	17	0.64
(9,1763)	1:65:A:CYS:HB2	1:69:A:MET:HE2	17	0.64
(9,1763)	1:65:A:CYS:HB2	1:69:A:MET:HE3	17	0.64
(9,1749)	1:39:A:VAL:HB	1:139:A:LEU:HA	1	0.64
(9,1578)	1:97:A:ASP:H	1:98:A:ILE:HD11	6	0.64
(9,1578)	1:97:A:ASP:H	1:98:A:ILE:HD12	6	0.64
(9,1578)	1:97:A:ASP:H	1:98:A:ILE:HD13	6	0.64
(9,1557)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	6	0.64
(9,1557)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	6	0.64
(9,1557)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	6	0.64
(9,1557)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	6	0.64
(9,1557)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	6	0.64
(9,1557)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	6	0.64
(9,1557)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	6	0.64
(9,1557)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	6	0.64
(9,1557)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	6	0.64
(9,1514)	1:69:A:MET:HE1	1:115:A:ALA:H	13	0.64
(9,1514)	1:69:A:MET:HE2	1:115:A:ALA:H	13	0.64
(9,1514)	1:69:A:MET:HE3	1:115:A:ALA:H	13	0.64
(9,1507)	1:98:A:ILE:HG21	1:101:A:ILE:HB	19	0.64
(9,1507)	1:98:A:ILE:HG22	1:101:A:ILE:HB	19	0.64
(9,1507)	1:98:A:ILE:HG23	1:101:A:ILE:HB	19	0.64
(9,1470)	1:95:A:ILE:HG21	1:97:A:ASP:H	19	0.64
(9,1470)	1:95:A:ILE:HG22	1:97:A:ASP:H	19	0.64
(9,1470)	1:95:A:ILE:HG23	1:97:A:ASP:H	19	0.64
(9,1170)	1:140:A:LEU:H	1:140:A:LEU:HD21	10	0.64
(9,1170)	1:140:A:LEU:H	1:140:A:LEU:HD22	10	0.64
(9,1170)	1:140:A:LEU:H	1:140:A:LEU:HD23	10	0.64
(9,1119)	1:41:A:LYS:HA	1:44:A:GLU:HG3	11	0.64
(9,990)	1:63:A:ILE:HA	1:64:A:LYS:HD2	3	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,990)	1:63:A:ILE:HA	1:64:A:LYS:HD3	3	0.64
(9,990)	1:63:A:ILE:HA	1:64:A:LYS:HD2	4	0.64
(9,990)	1:63:A:ILE:HA	1:64:A:LYS:HD3	4	0.64
(9,937)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	3	0.64
(9,910)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	6	0.64
(9,890)	1:73:A:ILE:HB	1:76:A:ARG:HA	18	0.64
(9,798)	1:55:A:GLY:H	1:58:A:ILE:HD11	12	0.64
(9,798)	1:55:A:GLY:H	1:58:A:ILE:HD12	12	0.64
(9,798)	1:55:A:GLY:H	1:58:A:ILE:HD13	12	0.64
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG11	5	0.64
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG12	5	0.64
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG13	5	0.64
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG11	8	0.64
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG12	8	0.64
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG13	8	0.64
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG11	12	0.64
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG12	12	0.64
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG13	12	0.64
(9,733)	1:45:A:ALA:H	1:46:A:ASN:HD22	10	0.64
(9,122)	1:79:A:THR:HB	1:80:A:TYR:H	19	0.64
(9,10)	1:64:A:LYS:H	1:64:A:LYS:HE2	4	0.64
(9,10)	1:64:A:LYS:H	1:64:A:LYS:HE3	4	0.64
(7,2316)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	5	0.64
(7,2316)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	5	0.64
(7,2316)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	5	0.64
(7,2316)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	5	0.64
(7,2316)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	5	0.64
(7,2316)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	5	0.64
(7,2316)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	5	0.64
(7,2316)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	5	0.64
(7,2316)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	5	0.64
(7,2316)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	5	0.64
(7,2316)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	5	0.64
(7,2316)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	5	0.64
(7,1974)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	12	0.64
(7,1974)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	12	0.64
(7,1974)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	12	0.64
(7,1974)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	0.64
(7,1974)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	0.64
(7,1974)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	0.64
(7,1974)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	12	0.64
(7,1974)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	12	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1974)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	12	0.64
(7,1974)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	0.64
(7,1974)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	0.64
(7,1974)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	0.64
(7,1831)	1:18:A:PHE:HD1	1:113:A:PHE:HE1	10	0.64
(7,1831)	1:18:A:PHE:HD1	1:113:A:PHE:HE2	10	0.64
(7,1831)	1:18:A:PHE:HD2	1:113:A:PHE:HE1	10	0.64
(7,1831)	1:18:A:PHE:HD2	1:113:A:PHE:HE2	10	0.64
(7,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	17	0.64
(7,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	17	0.64
(7,1685)	1:79:A:THR:HG21	1:81:A:GLU:HB3	1	0.64
(7,1685)	1:79:A:THR:HG22	1:81:A:GLU:HB3	1	0.64
(7,1685)	1:79:A:THR:HG23	1:81:A:GLU:HB3	1	0.64
(7,1621)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	7	0.64
(7,1621)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	7	0.64
(7,1621)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	7	0.64
(7,1621)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	7	0.64
(7,1621)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	7	0.64
(7,1621)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	7	0.64
(7,1621)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	7	0.64
(7,1621)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	7	0.64
(7,1621)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	7	0.64
(7,1616)	1:97:A:ASP:HB2	1:102:A:PRO:HA	13	0.64
(7,1616)	1:97:A:ASP:HB3	1:102:A:PRO:HA	13	0.64
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG21	4	0.64
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG22	4	0.64
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG23	4	0.64
(7,1555)	1:97:A:ASP:H	1:98:A:ILE:HD11	6	0.64
(7,1555)	1:97:A:ASP:H	1:98:A:ILE:HD12	6	0.64
(7,1555)	1:97:A:ASP:H	1:98:A:ILE:HD13	6	0.64
(7,1492)	1:98:A:ILE:HG21	1:101:A:ILE:HB	19	0.64
(7,1492)	1:98:A:ILE:HG22	1:101:A:ILE:HB	19	0.64
(7,1492)	1:98:A:ILE:HG23	1:101:A:ILE:HB	19	0.64
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG11	9	0.64
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG12	9	0.64
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG13	9	0.64
(7,1269)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	2	0.64
(7,1269)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	2	0.64
(7,1269)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	2	0.64
(7,1237)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	1	0.64
(7,1237)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	1	0.64
(7,1237)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	1	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1237)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	1	0.64
(7,1237)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	1	0.64
(7,1237)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	1	0.64
(7,1237)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	1	0.64
(7,1237)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	1	0.64
(7,1237)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	1	0.64
(7,1235)	1:12:A:VAL:H	1:12:A:VAL:HG11	2	0.64
(7,1235)	1:12:A:VAL:H	1:12:A:VAL:HG12	2	0.64
(7,1235)	1:12:A:VAL:H	1:12:A:VAL:HG13	2	0.64
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD11	17	0.64
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD12	17	0.64
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD13	17	0.64
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG11	5	0.64
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG12	5	0.64
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG13	5	0.64
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG11	8	0.64
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG12	8	0.64
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG13	8	0.64
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG11	12	0.64
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG12	12	0.64
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG13	12	0.64
(7,580)	1:50:A:ALA:HB1	1:126:A:GLY:H	19	0.64
(7,580)	1:50:A:ALA:HB2	1:126:A:GLY:H	19	0.64
(7,580)	1:50:A:ALA:HB3	1:126:A:GLY:H	19	0.64
(7,373)	1:40:A:LEU:HB2	1:41:A:LYS:H	14	0.64
(7,122)	1:79:A:THR:HB	1:80:A:TYR:H	19	0.64
(7,89)	1:96:A:VAL:H	1:97:A:ASP:H	6	0.64
(6,2208)	1:60:A:LEU:HB3	1:120:A:CYS:HB2	6	0.64
(6,2208)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	6	0.64
(6,2109)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	12	0.64
(6,2109)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	12	0.64
(6,2109)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	12	0.64
(6,2109)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	12	0.64
(6,2109)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	12	0.64
(6,2109)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	12	0.64
(6,2109)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	12	0.64
(6,2109)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	12	0.64
(6,2109)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	12	0.64
(6,2109)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	12	0.64
(6,2109)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	12	0.64
(6,2109)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	12	0.64
(6,2060)	1:31:A:PRO:HB2	1:35:A:LEU:HD11	3	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2060)	1:31:A:PRO:HB2	1:35:A:LEU:HD12	3	0.64
(6,2060)	1:31:A:PRO:HB2	1:35:A:LEU:HD13	3	0.64
(6,2060)	1:31:A:PRO:HB2	1:35:A:LEU:HD21	3	0.64
(6,2060)	1:31:A:PRO:HB2	1:35:A:LEU:HD22	3	0.64
(6,2060)	1:31:A:PRO:HB2	1:35:A:LEU:HD23	3	0.64
(6,2060)	1:31:A:PRO:HB3	1:35:A:LEU:HD11	3	0.64
(6,2060)	1:31:A:PRO:HB3	1:35:A:LEU:HD12	3	0.64
(6,2060)	1:31:A:PRO:HB3	1:35:A:LEU:HD13	3	0.64
(6,2060)	1:31:A:PRO:HB3	1:35:A:LEU:HD21	3	0.64
(6,2060)	1:31:A:PRO:HB3	1:35:A:LEU:HD22	3	0.64
(6,2060)	1:31:A:PRO:HB3	1:35:A:LEU:HD23	3	0.64
(6,2004)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	19	0.64
(6,2004)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	19	0.64
(6,2004)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	19	0.64
(6,2004)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	19	0.64
(6,2004)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	19	0.64
(6,2004)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	19	0.64
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	4	0.64
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	4	0.64
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	4	0.64
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG21	4	0.64
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG22	4	0.64
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG23	4	0.64
(6,1903)	1:18:A:PHE:HE1	1:131:A:LEU:H	11	0.64
(6,1903)	1:18:A:PHE:HE2	1:131:A:LEU:H	11	0.64
(6,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	13	0.64
(6,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	13	0.64
(6,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	13	0.64
(6,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	13	0.64
(6,1861)	1:9:A:PHE:HZ	1:44:A:GLU:HA	16	0.64
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	13	0.64
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	13	0.64
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	13	0.64
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	13	0.64
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	13	0.64
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	13	0.64
(6,1698)	1:43:A:MET:HE1	1:137:A:SER:H	14	0.64
(6,1698)	1:43:A:MET:HE2	1:137:A:SER:H	14	0.64
(6,1698)	1:43:A:MET:HE3	1:137:A:SER:H	14	0.64
(6,1651)	1:134:A:VAL:HG11	1:137:A:SER:H	2	0.64
(6,1651)	1:134:A:VAL:HG12	1:137:A:SER:H	2	0.64
(6,1651)	1:134:A:VAL:HG13	1:137:A:SER:H	2	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1647)	1:97:A:ASP:HB2	1:102:A:PRO:HA	13	0.64
(6,1647)	1:97:A:ASP:HB3	1:102:A:PRO:HA	13	0.64
(6,1563)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	6	0.64
(6,1563)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	6	0.64
(6,1563)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	6	0.64
(6,1563)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	6	0.64
(6,1563)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	6	0.64
(6,1563)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	6	0.64
(6,1563)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	6	0.64
(6,1563)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	6	0.64
(6,1563)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	6	0.64
(6,1513)	1:69:A:MET:HE1	1:115:A:ALA:H	13	0.64
(6,1513)	1:69:A:MET:HE2	1:115:A:ALA:H	13	0.64
(6,1513)	1:69:A:MET:HE3	1:115:A:ALA:H	13	0.64
(6,1507)	1:98:A:ILE:HG21	1:101:A:ILE:HB	19	0.64
(6,1507)	1:98:A:ILE:HG22	1:101:A:ILE:HB	19	0.64
(6,1507)	1:98:A:ILE:HG23	1:101:A:ILE:HB	19	0.64
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	10	0.64
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	10	0.64
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	10	0.64
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	10	0.64
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	10	0.64
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	10	0.64
(6,1159)	1:140:A:LEU:H	1:140:A:LEU:HD21	10	0.64
(6,1159)	1:140:A:LEU:H	1:140:A:LEU:HD22	10	0.64
(6,1159)	1:140:A:LEU:H	1:140:A:LEU:HD23	10	0.64
(6,1014)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	10	0.64
(6,976)	1:63:A:ILE:HA	1:64:A:LYS:HD2	3	0.64
(6,976)	1:63:A:ILE:HA	1:64:A:LYS:HD3	3	0.64
(6,976)	1:63:A:ILE:HA	1:64:A:LYS:HD2	4	0.64
(6,976)	1:63:A:ILE:HA	1:64:A:LYS:HD3	4	0.64
(6,954)	1:43:A:MET:HB3	1:140:A:LEU:HD11	9	0.64
(6,954)	1:43:A:MET:HB3	1:140:A:LEU:HD12	9	0.64
(6,954)	1:43:A:MET:HB3	1:140:A:LEU:HD13	9	0.64
(6,836)	1:43:A:MET:HE1	1:131:A:LEU:HB3	1	0.64
(6,836)	1:43:A:MET:HE2	1:131:A:LEU:HB3	1	0.64
(6,836)	1:43:A:MET:HE3	1:131:A:LEU:HB3	1	0.64
(6,723)	1:45:A:ALA:H	1:46:A:ASN:HD22	10	0.64
(6,122)	1:79:A:THR:HB	1:80:A:TYR:H	19	0.64
(5,2179)	1:55:A:GLY:H	1:122:A:ASP:HB2	4	0.64
(5,2179)	1:55:A:GLY:H	1:122:A:ASP:HB3	4	0.64
(5,1917)	1:18:A:PHE:HE1	1:131:A:LEU:H	11	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1917)	1:18:A:PHE:HE2	1:131:A:LEU:H	11	0.64
(5,1883)	1:9:A:PHE:HZ	1:44:A:GLU:HA	16	0.64
(5,1876)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	19	0.64
(5,1876)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	19	0.64
(5,1876)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	19	0.64
(5,1876)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	19	0.64
(5,1876)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	19	0.64
(5,1876)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	19	0.64
(5,1749)	1:21:A:THR:HG21	1:24:A:ASP:HB2	7	0.64
(5,1749)	1:21:A:THR:HG21	1:24:A:ASP:HB3	7	0.64
(5,1749)	1:21:A:THR:HG22	1:24:A:ASP:HB2	7	0.64
(5,1749)	1:21:A:THR:HG22	1:24:A:ASP:HB3	7	0.64
(5,1749)	1:21:A:THR:HG23	1:24:A:ASP:HB2	7	0.64
(5,1749)	1:21:A:THR:HG23	1:24:A:ASP:HB3	7	0.64
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG21	2	0.64
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG22	2	0.64
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG23	2	0.64
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG21	2	0.64
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG22	2	0.64
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG23	2	0.64
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG21	2	0.64
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG22	2	0.64
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG23	2	0.64
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG21	15	0.64
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG22	15	0.64
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG23	15	0.64
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG21	15	0.64
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG22	15	0.64
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG23	15	0.64
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG21	15	0.64
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG22	15	0.64
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG23	15	0.64
(5,1658)	1:97:A:ASP:HB2	1:102:A:PRO:HA	13	0.64
(5,1658)	1:97:A:ASP:HB3	1:102:A:PRO:HA	13	0.64
(5,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	9	0.64
(5,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	9	0.64
(5,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	9	0.64
(5,1596)	1:97:A:ASP:H	1:98:A:ILE:HD11	6	0.64
(5,1596)	1:97:A:ASP:H	1:98:A:ILE:HD12	6	0.64
(5,1596)	1:97:A:ASP:H	1:98:A:ILE:HD13	6	0.64
(5,1576)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	12	0.64
(5,1576)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	12	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1576)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	12	0.64
(5,1528)	1:98:A:ILE:HG21	1:101:A:ILE:HB	19	0.64
(5,1528)	1:98:A:ILE:HG22	1:101:A:ILE:HB	19	0.64
(5,1528)	1:98:A:ILE:HG23	1:101:A:ILE:HB	19	0.64
(5,1419)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	1	0.64
(5,1419)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	1	0.64
(5,1419)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	1	0.64
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG11	16	0.64
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG12	16	0.64
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG13	16	0.64
(5,1267)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	1	0.64
(5,1267)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	1	0.64
(5,1267)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	1	0.64
(5,1267)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	1	0.64
(5,1267)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	1	0.64
(5,1267)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	1	0.64
(5,1267)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	1	0.64
(5,1267)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	1	0.64
(5,1267)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	1	0.64
(5,1266)	1:12:A:VAL:H	1:12:A:VAL:HG11	2	0.64
(5,1266)	1:12:A:VAL:H	1:12:A:VAL:HG12	2	0.64
(5,1266)	1:12:A:VAL:H	1:12:A:VAL:HG13	2	0.64
(5,1075)	1:54:A:ARG:HA	1:58:A:ILE:HB	14	0.64
(5,1075)	1:54:A:ARG:HA	1:58:A:ILE:HB	15	0.64
(5,992)	1:63:A:ILE:HA	1:64:A:LYS:HD2	3	0.64
(5,992)	1:63:A:ILE:HA	1:64:A:LYS:HD3	3	0.64
(5,992)	1:63:A:ILE:HA	1:64:A:LYS:HD2	4	0.64
(5,992)	1:63:A:ILE:HA	1:64:A:LYS:HD3	4	0.64
(5,988)	1:105:A:LYS:HD2	1:107:A:LEU:H	2	0.64
(5,988)	1:105:A:LYS:HD3	1:107:A:LEU:H	2	0.64
(5,922)	1:108:A:GLU:HG3	1:112:A:GLN:H	7	0.64
(5,867)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	14	0.64
(5,867)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	14	0.64
(5,843)	1:43:A:MET:HE1	1:144:A:LEU:HB3	5	0.64
(5,843)	1:43:A:MET:HE2	1:144:A:LEU:HB3	5	0.64
(5,843)	1:43:A:MET:HE3	1:144:A:LEU:HB3	5	0.64
(5,843)	1:43:A:MET:HE1	1:144:A:LEU:HB2	5	0.64
(5,843)	1:43:A:MET:HE2	1:144:A:LEU:HB2	5	0.64
(5,843)	1:43:A:MET:HE3	1:144:A:LEU:HB2	5	0.64
(5,387)	1:105:A:LYS:HD2	1:106:A:ASP:H	16	0.64
(5,387)	1:105:A:LYS:HD3	1:106:A:ASP:H	16	0.64
(5,183)	1:44:A:GLU:H	1:44:A:GLU:HG2	9	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,118)	1:79:A:THR:HB	1:80:A:TYR:H	19	0.64
(5,11)	1:64:A:LYS:H	1:64:A:LYS:HE2	4	0.64
(5,11)	1:64:A:LYS:H	1:64:A:LYS:HE3	4	0.64
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD11	7	0.64
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD12	7	0.64
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD13	7	0.64
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD21	7	0.64
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD22	7	0.64
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD23	7	0.64
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD11	10	0.64
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD12	10	0.64
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD13	10	0.64
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD21	10	0.64
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD22	10	0.64
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD23	10	0.64
(4,2036)	1:23:A:LEU:HD11	1:25:A:ALA:H	4	0.64
(4,2036)	1:23:A:LEU:HD12	1:25:A:ALA:H	4	0.64
(4,2036)	1:23:A:LEU:HD13	1:25:A:ALA:H	4	0.64
(4,2036)	1:23:A:LEU:HD21	1:25:A:ALA:H	4	0.64
(4,2036)	1:23:A:LEU:HD22	1:25:A:ALA:H	4	0.64
(4,2036)	1:23:A:LEU:HD23	1:25:A:ALA:H	4	0.64
(4,2036)	1:23:A:LEU:HD11	1:25:A:ALA:H	15	0.64
(4,2036)	1:23:A:LEU:HD12	1:25:A:ALA:H	15	0.64
(4,2036)	1:23:A:LEU:HD13	1:25:A:ALA:H	15	0.64
(4,2036)	1:23:A:LEU:HD21	1:25:A:ALA:H	15	0.64
(4,2036)	1:23:A:LEU:HD22	1:25:A:ALA:H	15	0.64
(4,2036)	1:23:A:LEU:HD23	1:25:A:ALA:H	15	0.64
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD11	3	0.64
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD12	3	0.64
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD13	3	0.64
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD21	3	0.64
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD22	3	0.64
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD23	3	0.64
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD11	3	0.64
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD12	3	0.64
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD13	3	0.64
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD21	3	0.64
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD22	3	0.64
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD23	3	0.64
(4,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	13	0.64
(4,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	13	0.64
(4,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	13	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	13	0.64
(4,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	13	0.64
(4,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	13	0.64
(4,1845)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	12	0.64
(4,1845)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	12	0.64
(4,1752)	1:65:A:CYS:HB2	1:69:A:MET:HE1	17	0.64
(4,1752)	1:65:A:CYS:HB2	1:69:A:MET:HE2	17	0.64
(4,1752)	1:65:A:CYS:HB2	1:69:A:MET:HE3	17	0.64
(4,1621)	1:97:A:ASP:HB2	1:102:A:PRO:HA	13	0.64
(4,1621)	1:97:A:ASP:HB3	1:102:A:PRO:HA	13	0.64
(4,1563)	1:97:A:ASP:H	1:98:A:ILE:HD11	6	0.64
(4,1563)	1:97:A:ASP:H	1:98:A:ILE:HD12	6	0.64
(4,1563)	1:97:A:ASP:H	1:98:A:ILE:HD13	6	0.64
(4,1499)	1:69:A:MET:HE1	1:115:A:ALA:H	13	0.64
(4,1499)	1:69:A:MET:HE2	1:115:A:ALA:H	13	0.64
(4,1499)	1:69:A:MET:HE3	1:115:A:ALA:H	13	0.64
(4,1371)	1:19:A:ALA:HB1	1:132:A:ALA:HA	19	0.64
(4,1371)	1:19:A:ALA:HB2	1:132:A:ALA:HA	19	0.64
(4,1371)	1:19:A:ALA:HB3	1:132:A:ALA:HA	19	0.64
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD21	7	0.64
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD22	7	0.64
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD23	7	0.64
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD11	11	0.64
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD12	11	0.64
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD13	11	0.64
(4,1200)	1:34:A:LYS:H	1:81:A:GLU:HA	13	0.64
(4,1095)	1:116:A:GLN:HA	1:116:A:GLN:HG3	3	0.64
(4,1015)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	10	0.64
(4,908)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	8	0.64
(4,841)	1:43:A:MET:HE1	1:131:A:LEU:HB3	1	0.64
(4,841)	1:43:A:MET:HE2	1:131:A:LEU:HB3	1	0.64
(4,841)	1:43:A:MET:HE3	1:131:A:LEU:HB3	1	0.64
(4,725)	1:45:A:ALA:H	1:46:A:ASN:HD22	10	0.64
(4,581)	1:70:A:LYS:HB2	1:75:A:GLY:H	3	0.64
(4,581)	1:70:A:LYS:HB3	1:75:A:GLY:H	3	0.64
(4,352)	1:70:A:LYS:H	1:70:A:LYS:HE2	8	0.64
(4,352)	1:70:A:LYS:H	1:70:A:LYS:HE3	8	0.64
(4,230)	1:40:A:LEU:HD21	1:44:A:GLU:H	19	0.64
(4,230)	1:40:A:LEU:HD22	1:44:A:GLU:H	19	0.64
(4,230)	1:40:A:LEU:HD23	1:44:A:GLU:H	19	0.64
(3,2317)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	12	0.64
(3,2317)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	12	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2317)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	12	0.64
(3,2317)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	12	0.64
(3,2317)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	12	0.64
(3,2317)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	12	0.64
(3,2081)	1:31:A:PRO:HB2	1:35:A:LEU:HD11	3	0.64
(3,2081)	1:31:A:PRO:HB2	1:35:A:LEU:HD12	3	0.64
(3,2081)	1:31:A:PRO:HB2	1:35:A:LEU:HD13	3	0.64
(3,2081)	1:31:A:PRO:HB2	1:35:A:LEU:HD21	3	0.64
(3,2081)	1:31:A:PRO:HB2	1:35:A:LEU:HD22	3	0.64
(3,2081)	1:31:A:PRO:HB2	1:35:A:LEU:HD23	3	0.64
(3,2081)	1:31:A:PRO:HB3	1:35:A:LEU:HD11	3	0.64
(3,2081)	1:31:A:PRO:HB3	1:35:A:LEU:HD12	3	0.64
(3,2081)	1:31:A:PRO:HB3	1:35:A:LEU:HD13	3	0.64
(3,2081)	1:31:A:PRO:HB3	1:35:A:LEU:HD21	3	0.64
(3,2081)	1:31:A:PRO:HB3	1:35:A:LEU:HD22	3	0.64
(3,2081)	1:31:A:PRO:HB3	1:35:A:LEU:HD23	3	0.64
(3,1893)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	16	0.64
(3,1893)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	16	0.64
(3,1884)	1:9:A:PHE:HZ	1:44:A:GLU:HA	16	0.64
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD2	5	0.64
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD3	5	0.64
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD2	5	0.64
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD3	5	0.64
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD2	5	0.64
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD3	5	0.64
(3,1676)	1:97:A:ASP:HB2	1:102:A:PRO:HA	13	0.64
(3,1676)	1:97:A:ASP:HB3	1:102:A:PRO:HA	13	0.64
(3,1657)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	6	0.64
(3,1615)	1:97:A:ASP:H	1:98:A:ILE:HD11	6	0.64
(3,1615)	1:97:A:ASP:H	1:98:A:ILE:HD12	6	0.64
(3,1615)	1:97:A:ASP:H	1:98:A:ILE:HD13	6	0.64
(3,1542)	1:69:A:MET:HE1	1:115:A:ALA:H	13	0.64
(3,1542)	1:69:A:MET:HE2	1:115:A:ALA:H	13	0.64
(3,1542)	1:69:A:MET:HE3	1:115:A:ALA:H	13	0.64
(3,1260)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	14	0.64
(3,1260)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	14	0.64
(3,1260)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	14	0.64
(3,1140)	1:41:A:LYS:HA	1:44:A:GLU:HG3	11	0.64
(3,1008)	1:63:A:ILE:HA	1:64:A:LYS:HD2	3	0.64
(3,1008)	1:63:A:ILE:HA	1:64:A:LYS:HD3	3	0.64
(3,1008)	1:63:A:ILE:HA	1:64:A:LYS:HD2	4	0.64
(3,1008)	1:63:A:ILE:HA	1:64:A:LYS:HD3	4	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,746)	1:45:A:ALA:H	1:46:A:ASN:HD22	10	0.64
(3,739)	1:50:A:ALA:H	1:130:A:GLY:HA3	2	0.64
(3,586)	1:126:A:GLY:H	1:128:A:LEU:HG	15	0.64
(3,585)	1:50:A:ALA:HB1	1:126:A:GLY:H	19	0.64
(3,585)	1:50:A:ALA:HB2	1:126:A:GLY:H	19	0.64
(3,585)	1:50:A:ALA:HB3	1:126:A:GLY:H	19	0.64
(3,485)	1:145:A:PRO:HB2	1:148:A:CYS:H	10	0.64
(3,397)	1:105:A:LYS:HD2	1:106:A:ASP:H	1	0.64
(3,397)	1:105:A:LYS:HD3	1:106:A:ASP:H	1	0.64
(3,13)	1:64:A:LYS:H	1:64:A:LYS:HE2	4	0.64
(3,13)	1:64:A:LYS:H	1:64:A:LYS:HE3	4	0.64
(2,2350)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	3	0.64
(2,2350)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	3	0.64
(2,2350)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	3	0.64
(2,2350)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	3	0.64
(2,2350)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	3	0.64
(2,2350)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	3	0.64
(2,2350)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	3	0.64
(2,2350)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	3	0.64
(2,2350)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	3	0.64
(2,2350)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	3	0.64
(2,2350)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	3	0.64
(2,2350)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	3	0.64
(2,2134)	1:39:A:VAL:HG11	1:144:A:LEU:H	1	0.64
(2,2134)	1:39:A:VAL:HG12	1:144:A:LEU:H	1	0.64
(2,2134)	1:39:A:VAL:HG13	1:144:A:LEU:H	1	0.64
(2,2134)	1:39:A:VAL:HG21	1:144:A:LEU:H	1	0.64
(2,2134)	1:39:A:VAL:HG22	1:144:A:LEU:H	1	0.64
(2,2134)	1:39:A:VAL:HG23	1:144:A:LEU:H	1	0.64
(2,2134)	1:39:A:VAL:HG11	1:144:A:LEU:H	13	0.64
(2,2134)	1:39:A:VAL:HG12	1:144:A:LEU:H	13	0.64
(2,2134)	1:39:A:VAL:HG13	1:144:A:LEU:H	13	0.64
(2,2134)	1:39:A:VAL:HG21	1:144:A:LEU:H	13	0.64
(2,2134)	1:39:A:VAL:HG22	1:144:A:LEU:H	13	0.64
(2,2134)	1:39:A:VAL:HG23	1:144:A:LEU:H	13	0.64
(2,2056)	1:23:A:LEU:HD11	1:25:A:ALA:H	4	0.64
(2,2056)	1:23:A:LEU:HD12	1:25:A:ALA:H	4	0.64
(2,2056)	1:23:A:LEU:HD13	1:25:A:ALA:H	4	0.64
(2,2056)	1:23:A:LEU:HD21	1:25:A:ALA:H	4	0.64
(2,2056)	1:23:A:LEU:HD22	1:25:A:ALA:H	4	0.64
(2,2056)	1:23:A:LEU:HD23	1:25:A:ALA:H	4	0.64
(2,2056)	1:23:A:LEU:HD11	1:25:A:ALA:H	15	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2056)	1:23:A:LEU:HD12	1:25:A:ALA:H	15	0.64
(2,2056)	1:23:A:LEU:HD13	1:25:A:ALA:H	15	0.64
(2,2056)	1:23:A:LEU:HD21	1:25:A:ALA:H	15	0.64
(2,2056)	1:23:A:LEU:HD22	1:25:A:ALA:H	15	0.64
(2,2056)	1:23:A:LEU:HD23	1:25:A:ALA:H	15	0.64
(2,2054)	1:23:A:LEU:HD11	1:24:A:ASP:H	12	0.64
(2,2054)	1:23:A:LEU:HD12	1:24:A:ASP:H	12	0.64
(2,2054)	1:23:A:LEU:HD13	1:24:A:ASP:H	12	0.64
(2,2054)	1:23:A:LEU:HD21	1:24:A:ASP:H	12	0.64
(2,2054)	1:23:A:LEU:HD22	1:24:A:ASP:H	12	0.64
(2,2054)	1:23:A:LEU:HD23	1:24:A:ASP:H	12	0.64
(2,1948)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	2	0.64
(2,1948)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	2	0.64
(2,1891)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	12	0.64
(2,1891)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	12	0.64
(2,1883)	1:9:A:PHE:HZ	1:44:A:GLU:HA	16	0.64
(2,1845)	1:9:A:PHE:HZ	1:54:A:ARG:HE	12	0.64
(2,1788)	1:65:A:CYS:HB2	1:69:A:MET:HE1	17	0.64
(2,1788)	1:65:A:CYS:HB2	1:69:A:MET:HE2	17	0.64
(2,1788)	1:65:A:CYS:HB2	1:69:A:MET:HE3	17	0.64
(2,1783)	1:39:A:VAL:HG21	1:144:A:LEU:H	13	0.64
(2,1783)	1:39:A:VAL:HG22	1:144:A:LEU:H	13	0.64
(2,1783)	1:39:A:VAL:HG23	1:144:A:LEU:H	13	0.64
(2,1724)	1:141:A:LYS:HA	1:145:A:PRO:HD3	10	0.64
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE1	13	0.64
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE2	13	0.64
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE3	13	0.64
(2,1596)	1:97:A:ASP:H	1:98:A:ILE:HD11	6	0.64
(2,1596)	1:97:A:ASP:H	1:98:A:ILE:HD12	6	0.64
(2,1596)	1:97:A:ASP:H	1:98:A:ILE:HD13	6	0.64
(2,1574)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	6	0.64
(2,1574)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	6	0.64
(2,1574)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	6	0.64
(2,1574)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	6	0.64
(2,1574)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	6	0.64
(2,1574)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	6	0.64
(2,1574)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	6	0.64
(2,1574)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	6	0.64
(2,1574)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	6	0.64
(2,1519)	1:69:A:MET:HE1	1:115:A:ALA:H	13	0.64
(2,1519)	1:69:A:MET:HE2	1:115:A:ALA:H	13	0.64
(2,1519)	1:69:A:MET:HE3	1:115:A:ALA:H	13	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1512)	1:98:A:ILE:HG21	1:101:A:ILE:HB	19	0.64
(2,1512)	1:98:A:ILE:HG22	1:101:A:ILE:HB	19	0.64
(2,1512)	1:98:A:ILE:HG23	1:101:A:ILE:HB	19	0.64
(2,1488)	1:101:A:ILE:HG21	1:103:A:ARG:HA	19	0.64
(2,1488)	1:101:A:ILE:HG22	1:103:A:ARG:HA	19	0.64
(2,1488)	1:101:A:ILE:HG23	1:103:A:ARG:HA	19	0.64
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD11	11	0.64
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD12	11	0.64
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD13	11	0.64
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG11	5	0.64
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG12	5	0.64
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG13	5	0.64
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG11	8	0.64
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG12	8	0.64
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG13	8	0.64
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG11	12	0.64
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG12	12	0.64
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG13	12	0.64
(2,728)	1:45:A:ALA:H	1:46:A:ASN:HD22	10	0.64
(2,479)	1:145:A:PRO:HB2	1:148:A:CYS:H	18	0.64
(2,232)	1:40:A:LEU:HD21	1:44:A:GLU:H	19	0.64
(2,232)	1:40:A:LEU:HD22	1:44:A:GLU:H	19	0.64
(2,232)	1:40:A:LEU:HD23	1:44:A:GLU:H	19	0.64
(2,121)	1:79:A:THR:HB	1:80:A:TYR:H	19	0.64
(1,2211)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	9	0.64
(1,2211)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	9	0.64
(1,2211)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	9	0.64
(1,2211)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	9	0.64
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD11	5	0.64
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD12	5	0.64
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD13	5	0.64
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD21	5	0.64
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD22	5	0.64
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD23	5	0.64
(1,1987)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	12	0.64
(1,1987)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	12	0.64
(1,1987)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	12	0.64
(1,1987)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	12	0.64
(1,1987)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	12	0.64
(1,1987)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	12	0.64
(1,1987)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	12	0.64
(1,1987)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	12	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1987)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	12	0.64
(1,1987)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	12	0.64
(1,1987)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	12	0.64
(1,1987)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	12	0.64
(1,1987)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	12	0.64
(1,1987)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	12	0.64
(1,1987)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	12	0.64
(1,1987)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	12	0.64
(1,1987)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	12	0.64
(1,1987)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	12	0.64
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	15	0.64
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	15	0.64
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	15	0.64
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	15	0.64
(1,1871)	1:9:A:PHE:HZ	1:44:A:GLU:HA	16	0.64
(1,1655)	1:97:A:ASP:HB2	1:102:A:PRO:HA	13	0.64
(1,1655)	1:97:A:ASP:HB3	1:102:A:PRO:HA	13	0.64
(1,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	9	0.64
(1,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	9	0.64
(1,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	9	0.64
(1,1345)	1:125:A:THR:HG21	1:128:A:LEU:HB2	13	0.64
(1,1345)	1:125:A:THR:HG22	1:128:A:LEU:HB2	13	0.64
(1,1345)	1:125:A:THR:HG23	1:128:A:LEU:HB2	13	0.64
(1,1260)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	1	0.64
(1,1260)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	1	0.64
(1,1260)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	1	0.64
(1,1260)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	1	0.64
(1,1260)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	1	0.64
(1,1260)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	1	0.64
(1,1260)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	1	0.64
(1,1260)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	1	0.64
(1,1260)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	1	0.64
(1,1258)	1:12:A:VAL:H	1:12:A:VAL:HG11	2	0.64
(1,1258)	1:12:A:VAL:H	1:12:A:VAL:HG12	2	0.64
(1,1258)	1:12:A:VAL:H	1:12:A:VAL:HG13	2	0.64
(1,1096)	1:48:A:ARG:HG2	1:49:A:LYS:HA	10	0.64
(1,1096)	1:48:A:ARG:HG3	1:49:A:LYS:HA	10	0.64
(1,1014)	1:63:A:ILE:HA	1:64:A:LYS:HD2	3	0.64
(1,1014)	1:63:A:ILE:HA	1:64:A:LYS:HD3	3	0.64
(1,1014)	1:63:A:ILE:HA	1:64:A:LYS:HD2	4	0.64
(1,1014)	1:63:A:ILE:HA	1:64:A:LYS:HD3	4	0.64
(1,1007)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	12	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1007)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	12	0.64
(1,934)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	16	0.64
(1,934)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	16	0.64
(1,852)	1:45:A:ALA:HA	1:48:A:ARG:HD2	3	0.64
(1,852)	1:45:A:ALA:HA	1:48:A:ARG:HD3	3	0.64
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG11	5	0.64
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG12	5	0.64
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG13	5	0.64
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG11	8	0.64
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG12	8	0.64
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG13	8	0.64
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG11	12	0.64
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG12	12	0.64
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG13	12	0.64
(1,748)	1:45:A:ALA:H	1:46:A:ASN:HD22	10	0.64
(1,735)	1:50:A:ALA:H	1:130:A:GLY:HA3	2	0.64
(1,587)	1:126:A:GLY:H	1:128:A:LEU:HG	15	0.64
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD21	7	0.64
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD22	7	0.64
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD23	7	0.64
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD1	18	0.64
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD2	18	0.64
(1,199)	1:44:A:GLU:H	1:44:A:GLU:HG2	9	0.64
(1,132)	1:79:A:THR:HB	1:80:A:TYR:H	19	0.64
(1,113)	1:69:A:MET:H	1:69:A:MET:HE1	1	0.64
(1,113)	1:69:A:MET:H	1:69:A:MET:HE2	1	0.64
(1,113)	1:69:A:MET:H	1:69:A:MET:HE3	1	0.64
(1,13)	1:64:A:LYS:H	1:64:A:LYS:HE2	4	0.64
(1,13)	1:64:A:LYS:H	1:64:A:LYS:HE3	4	0.64
(34,2333)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	3	0.63
(34,2333)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	3	0.63
(34,2333)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	3	0.63
(34,2333)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	3	0.63
(34,2333)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	3	0.63
(34,2333)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	3	0.63
(34,2333)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	3	0.63
(34,2333)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	3	0.63
(34,2333)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	3	0.63
(34,2333)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	3	0.63
(34,2333)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	3	0.63
(34,2333)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	3	0.63
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	9	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	9	0.63
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	9	0.63
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	9	0.63
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	9	0.63
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	9	0.63
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	9	0.63
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	9	0.63
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	9	0.63
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	9	0.63
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	9	0.63
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	9	0.63
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	9	0.63
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	9	0.63
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	9	0.63
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	9	0.63
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	9	0.63
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	9	0.63
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	6	0.63
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	6	0.63
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	6	0.63
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	6	0.63
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	6	0.63
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	6	0.63
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	6	0.63
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	6	0.63
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	6	0.63
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	6	0.63
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	6	0.63
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	6	0.63
(34,1997)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	19	0.63
(34,1997)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	19	0.63
(34,1997)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	19	0.63
(34,1997)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	19	0.63
(34,1997)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	19	0.63
(34,1997)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	19	0.63
(34,1978)	1:12:A:VAL:HG11	1:79:A:THR:HB	8	0.63
(34,1978)	1:12:A:VAL:HG12	1:79:A:THR:HB	8	0.63
(34,1978)	1:12:A:VAL:HG13	1:79:A:THR:HB	8	0.63
(34,1978)	1:12:A:VAL:HG21	1:79:A:THR:HB	8	0.63
(34,1978)	1:12:A:VAL:HG22	1:79:A:THR:HB	8	0.63
(34,1978)	1:12:A:VAL:HG23	1:79:A:THR:HB	8	0.63
(34,1978)	1:12:A:VAL:HG11	1:79:A:THR:HB	10	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1978)	1:12:A:VAL:HG12	1:79:A:THR:HB	10	0.63
(34,1978)	1:12:A:VAL:HG13	1:79:A:THR:HB	10	0.63
(34,1978)	1:12:A:VAL:HG21	1:79:A:THR:HB	10	0.63
(34,1978)	1:12:A:VAL:HG22	1:79:A:THR:HB	10	0.63
(34,1978)	1:12:A:VAL:HG23	1:79:A:THR:HB	10	0.63
(34,1977)	1:12:A:VAL:HG11	1:79:A:THR:HA	9	0.63
(34,1977)	1:12:A:VAL:HG12	1:79:A:THR:HA	9	0.63
(34,1977)	1:12:A:VAL:HG13	1:79:A:THR:HA	9	0.63
(34,1977)	1:12:A:VAL:HG21	1:79:A:THR:HA	9	0.63
(34,1977)	1:12:A:VAL:HG22	1:79:A:THR:HA	9	0.63
(34,1977)	1:12:A:VAL:HG23	1:79:A:THR:HA	9	0.63
(34,1958)	1:11:A:ILE:HB	1:40:A:LEU:HD11	13	0.63
(34,1958)	1:11:A:ILE:HB	1:40:A:LEU:HD12	13	0.63
(34,1958)	1:11:A:ILE:HB	1:40:A:LEU:HD13	13	0.63
(34,1958)	1:11:A:ILE:HB	1:40:A:LEU:HD21	13	0.63
(34,1958)	1:11:A:ILE:HB	1:40:A:LEU:HD22	13	0.63
(34,1958)	1:11:A:ILE:HB	1:40:A:LEU:HD23	13	0.63
(34,1743)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	5	0.63
(34,1743)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	5	0.63
(34,1743)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	5	0.63
(34,1587)	1:11:A:ILE:HD11	1:131:A:LEU:HG	13	0.63
(34,1587)	1:11:A:ILE:HD12	1:131:A:LEU:HG	13	0.63
(34,1587)	1:11:A:ILE:HD13	1:131:A:LEU:HG	13	0.63
(34,1533)	1:69:A:MET:HE1	1:115:A:ALA:H	11	0.63
(34,1533)	1:69:A:MET:HE2	1:115:A:ALA:H	11	0.63
(34,1533)	1:69:A:MET:HE3	1:115:A:ALA:H	11	0.63
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE1	19	0.63
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE2	19	0.63
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE3	19	0.63
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG21	9	0.63
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG22	9	0.63
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG23	9	0.63
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	13	0.63
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	13	0.63
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	13	0.63
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	13	0.63
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	13	0.63
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	13	0.63
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD11	16	0.63
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD12	16	0.63
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD13	16	0.63
(34,1057)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	8	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1017)	1:63:A:ILE:HA	1:64:A:LYS:HD2	9	0.63
(34,1017)	1:63:A:ILE:HA	1:64:A:LYS:HD3	9	0.63
(34,851)	1:68:A:LYS:HA	1:68:A:LYS:HE2	1	0.63
(34,851)	1:68:A:LYS:HA	1:68:A:LYS:HE3	1	0.63
(34,837)	1:114:A:ILE:HA	1:114:A:ILE:HD11	6	0.63
(34,837)	1:114:A:ILE:HA	1:114:A:ILE:HD12	6	0.63
(34,837)	1:114:A:ILE:HA	1:114:A:ILE:HD13	6	0.63
(34,759)	1:38:A:GLU:H	1:41:A:LYS:HG2	4	0.63
(34,754)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	4	0.63
(34,754)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	4	0.63
(34,754)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	4	0.63
(34,754)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	10	0.63
(34,754)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	10	0.63
(34,754)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	10	0.63
(34,754)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	15	0.63
(34,754)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	15	0.63
(34,754)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	15	0.63
(34,706)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	15	0.63
(34,706)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	15	0.63
(34,394)	1:106:A:ASP:H	1:112:A:GLN:HE21	10	0.63
(33,2289)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	14	0.63
(33,2289)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	14	0.63
(33,2205)	1:60:A:LEU:HD11	1:120:A:CYS:HA	2	0.63
(33,2205)	1:60:A:LEU:HD12	1:120:A:CYS:HA	2	0.63
(33,2205)	1:60:A:LEU:HD13	1:120:A:CYS:HA	2	0.63
(33,2205)	1:60:A:LEU:HD21	1:120:A:CYS:HA	2	0.63
(33,2205)	1:60:A:LEU:HD22	1:120:A:CYS:HA	2	0.63
(33,2205)	1:60:A:LEU:HD23	1:120:A:CYS:HA	2	0.63
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	3	0.63
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	3	0.63
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	3	0.63
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	3	0.63
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	3	0.63
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	3	0.63
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	3	0.63
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	3	0.63
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	3	0.63
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	3	0.63
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	3	0.63
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	3	0.63
(33,2018)	1:18:A:PHE:HB2	1:132:A:ALA:HA	5	0.63
(33,2018)	1:18:A:PHE:HB3	1:132:A:ALA:HA	5	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	15	0.63
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	15	0.63
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	15	0.63
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	15	0.63
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD21	4	0.63
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD22	4	0.63
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD23	4	0.63
(33,1686)	1:11:A:ILE:HG12	1:57:A:LEU:HB3	15	0.63
(33,1634)	1:102:A:PRO:HA	1:105:A:LYS:HD2	12	0.63
(33,1634)	1:102:A:PRO:HA	1:105:A:LYS:HD3	12	0.63
(33,1559)	1:11:A:ILE:HD11	1:131:A:LEU:HG	13	0.63
(33,1559)	1:11:A:ILE:HD12	1:131:A:LEU:HG	13	0.63
(33,1559)	1:11:A:ILE:HD13	1:131:A:LEU:HG	13	0.63
(33,1543)	1:139:A:LEU:HD11	1:142:A:LYS:HE2	7	0.63
(33,1543)	1:139:A:LEU:HD11	1:142:A:LYS:HE3	7	0.63
(33,1543)	1:139:A:LEU:HD12	1:142:A:LYS:HE2	7	0.63
(33,1543)	1:139:A:LEU:HD12	1:142:A:LYS:HE3	7	0.63
(33,1543)	1:139:A:LEU:HD13	1:142:A:LYS:HE2	7	0.63
(33,1543)	1:139:A:LEU:HD13	1:142:A:LYS:HE3	7	0.63
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG11	10	0.63
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG12	10	0.63
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG13	10	0.63
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG11	17	0.63
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG12	17	0.63
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG13	17	0.63
(33,1251)	1:40:A:LEU:HD11	1:44:A:GLU:H	17	0.63
(33,1251)	1:40:A:LEU:HD12	1:44:A:GLU:H	17	0.63
(33,1251)	1:40:A:LEU:HD13	1:44:A:GLU:H	17	0.63
(33,943)	1:69:A:MET:HG2	1:109:A:PRO:HA	12	0.63
(33,935)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	16	0.63
(33,935)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	16	0.63
(33,935)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	16	0.63
(33,935)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	16	0.63
(33,837)	1:114:A:ILE:HA	1:114:A:ILE:HD11	6	0.63
(33,837)	1:114:A:ILE:HA	1:114:A:ILE:HD12	6	0.63
(33,837)	1:114:A:ILE:HA	1:114:A:ILE:HD13	6	0.63
(33,748)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	4	0.63
(33,748)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	4	0.63
(33,748)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	4	0.63
(33,748)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	10	0.63
(33,748)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	10	0.63
(33,748)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	10	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,748)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	15	0.63
(33,748)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	15	0.63
(33,748)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	15	0.63
(33,627)	1:57:A:LEU:H	1:58:A:ILE:HD11	13	0.63
(33,627)	1:57:A:LEU:H	1:58:A:ILE:HD12	13	0.63
(33,627)	1:57:A:LEU:H	1:58:A:ILE:HD13	13	0.63
(33,573)	1:16:A:SER:H	1:131:A:LEU:HB3	6	0.63
(33,397)	1:105:A:LYS:HG3	1:106:A:ASP:H	10	0.63
(33,388)	1:106:A:ASP:H	1:112:A:GLN:HE21	10	0.63
(32,2468)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	17	0.63
(32,2468)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	17	0.63
(32,2468)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	17	0.63
(32,2468)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	17	0.63
(32,2468)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	17	0.63
(32,2468)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	17	0.63
(32,2289)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	6	0.63
(32,2289)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	6	0.63
(32,2289)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	6	0.63
(32,2289)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	6	0.63
(32,2289)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	6	0.63
(32,2289)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	6	0.63
(32,2289)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	6	0.63
(32,2289)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	6	0.63
(32,2289)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	6	0.63
(32,2289)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	6	0.63
(32,2289)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	6	0.63
(32,2289)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	6	0.63
(32,2274)	1:79:A:THR:HG21	1:81:A:GLU:HB2	14	0.63
(32,2274)	1:79:A:THR:HG21	1:81:A:GLU:HB3	14	0.63
(32,2274)	1:79:A:THR:HG22	1:81:A:GLU:HB2	14	0.63
(32,2274)	1:79:A:THR:HG22	1:81:A:GLU:HB3	14	0.63
(32,2274)	1:79:A:THR:HG23	1:81:A:GLU:HB2	14	0.63
(32,2274)	1:79:A:THR:HG23	1:81:A:GLU:HB3	14	0.63
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG21	5	0.63
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG22	5	0.63
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG23	5	0.63
(32,1546)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	7	0.63
(32,1546)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	7	0.63
(32,1546)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	7	0.63
(32,1531)	1:11:A:ILE:HD11	1:131:A:LEU:HG	13	0.63
(32,1531)	1:11:A:ILE:HD12	1:131:A:LEU:HG	13	0.63
(32,1531)	1:11:A:ILE:HD13	1:131:A:LEU:HG	13	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1516)	1:139:A:LEU:HD11	1:142:A:LYS:HE2	7	0.63
(32,1516)	1:139:A:LEU:HD11	1:142:A:LYS:HE3	7	0.63
(32,1516)	1:139:A:LEU:HD12	1:142:A:LYS:HE2	7	0.63
(32,1516)	1:139:A:LEU:HD12	1:142:A:LYS:HE3	7	0.63
(32,1516)	1:139:A:LEU:HD13	1:142:A:LYS:HE2	7	0.63
(32,1516)	1:139:A:LEU:HD13	1:142:A:LYS:HE3	7	0.63
(32,1478)	1:69:A:MET:HE1	1:115:A:ALA:H	11	0.63
(32,1478)	1:69:A:MET:HE2	1:115:A:ALA:H	11	0.63
(32,1478)	1:69:A:MET:HE3	1:115:A:ALA:H	11	0.63
(32,1312)	1:17:A:ASN:HA	1:76:A:ARG:HA	13	0.63
(32,1195)	1:143:A:TRP:H	1:144:A:LEU:HD21	16	0.63
(32,1195)	1:143:A:TRP:H	1:144:A:LEU:HD22	16	0.63
(32,1195)	1:143:A:TRP:H	1:144:A:LEU:HD23	16	0.63
(32,902)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	16	0.63
(32,902)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	16	0.63
(32,902)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	16	0.63
(32,902)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	16	0.63
(32,825)	1:68:A:LYS:HA	1:68:A:LYS:HE2	1	0.63
(32,825)	1:68:A:LYS:HA	1:68:A:LYS:HE3	1	0.63
(32,814)	1:114:A:ILE:HA	1:114:A:ILE:HD11	6	0.63
(32,814)	1:114:A:ILE:HA	1:114:A:ILE:HD12	6	0.63
(32,814)	1:114:A:ILE:HA	1:114:A:ILE:HD13	6	0.63
(32,732)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	4	0.63
(32,732)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	4	0.63
(32,732)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	4	0.63
(32,732)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	10	0.63
(32,732)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	10	0.63
(32,732)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	10	0.63
(32,732)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	15	0.63
(32,732)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	15	0.63
(32,732)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	15	0.63
(32,377)	1:106:A:ASP:H	1:112:A:GLN:HE21	10	0.63
(30,2370)	1:115:A:ALA:H	1:116:A:GLN:HE21	5	0.63
(30,2370)	1:115:A:ALA:H	1:116:A:GLN:HE22	5	0.63
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD11	17	0.63
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD12	17	0.63
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD13	17	0.63
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD21	17	0.63
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD22	17	0.63
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD23	17	0.63
(30,2153)	1:41:A:LYS:HG2	1:42:A:GLU:HB2	19	0.63
(30,2153)	1:41:A:LYS:HG2	1:42:A:GLU:HB3	19	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2153)	1:41:A:LYS:HG3	1:42:A:GLU:HB2	19	0.63
(30,2153)	1:41:A:LYS:HG3	1:42:A:GLU:HB3	19	0.63
(30,2081)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	6	0.63
(30,2081)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	6	0.63
(30,2081)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	6	0.63
(30,2081)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	6	0.63
(30,2081)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	6	0.63
(30,2081)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	6	0.63
(30,2081)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	6	0.63
(30,2081)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	6	0.63
(30,2081)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	6	0.63
(30,2081)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	6	0.63
(30,2081)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	6	0.63
(30,2081)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	6	0.63
(30,2058)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	13	0.63
(30,2058)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	13	0.63
(30,2058)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	13	0.63
(30,2058)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	13	0.63
(30,2058)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	13	0.63
(30,2058)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	13	0.63
(30,1740)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	5	0.63
(30,1740)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	5	0.63
(30,1740)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	5	0.63
(30,1572)	1:11:A:ILE:HD11	1:131:A:LEU:HG	13	0.63
(30,1572)	1:11:A:ILE:HD12	1:131:A:LEU:HG	13	0.63
(30,1572)	1:11:A:ILE:HD13	1:131:A:LEU:HG	13	0.63
(30,1242)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	7	0.63
(30,1242)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	7	0.63
(30,1242)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	7	0.63
(30,1242)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	7	0.63
(30,1242)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	7	0.63
(30,1242)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	7	0.63
(30,1202)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	6	0.63
(30,1202)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	6	0.63
(30,1202)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	6	0.63
(30,1202)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	6	0.63
(30,1202)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	6	0.63
(30,1202)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	6	0.63
(30,985)	1:12:A:VAL:HB	1:43:A:MET:HE1	14	0.63
(30,985)	1:12:A:VAL:HB	1:43:A:MET:HE2	14	0.63
(30,985)	1:12:A:VAL:HB	1:43:A:MET:HE3	14	0.63
(30,954)	1:15:A:ALA:HB1	1:43:A:MET:HB2	2	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,954)	1:15:A:ALA:HB2	1:43:A:MET:HB2	2	0.63
(30,954)	1:15:A:ALA:HB3	1:43:A:MET:HB2	2	0.63
(30,926)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	16	0.63
(30,926)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	16	0.63
(30,926)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	16	0.63
(30,926)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	16	0.63
(30,836)	1:103:A:ARG:HA	1:103:A:ARG:HD2	8	0.63
(30,836)	1:103:A:ARG:HA	1:103:A:ARG:HD3	8	0.63
(30,830)	1:110:A:MET:HG2	1:114:A:ILE:HD11	13	0.63
(30,830)	1:110:A:MET:HG2	1:114:A:ILE:HD12	13	0.63
(30,830)	1:110:A:MET:HG2	1:114:A:ILE:HD13	13	0.63
(30,830)	1:110:A:MET:HG3	1:114:A:ILE:HD11	13	0.63
(30,830)	1:110:A:MET:HG3	1:114:A:ILE:HD12	13	0.63
(30,830)	1:110:A:MET:HG3	1:114:A:ILE:HD13	13	0.63
(30,829)	1:114:A:ILE:HA	1:114:A:ILE:HD11	6	0.63
(30,829)	1:114:A:ILE:HA	1:114:A:ILE:HD12	6	0.63
(30,829)	1:114:A:ILE:HA	1:114:A:ILE:HD13	6	0.63
(30,687)	1:145:A:PRO:HB3	1:148:A:CYS:H	6	0.63
(30,687)	1:145:A:PRO:HB3	1:148:A:CYS:H	14	0.63
(30,561)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	1	0.63
(30,531)	1:124:A:THR:H	1:127:A:CYS:HA	2	0.63
(30,488)	1:98:A:ILE:H	1:105:A:LYS:H	3	0.63
(30,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	1	0.63
(30,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	1	0.63
(30,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	1	0.63
(30,70)	1:63:A:ILE:HG21	1:117:A:VAL:H	11	0.63
(30,70)	1:63:A:ILE:HG22	1:117:A:VAL:H	11	0.63
(30,70)	1:63:A:ILE:HG23	1:117:A:VAL:H	11	0.63
(30,62)	1:80:A:TYR:HA	1:81:A:GLU:H	14	0.63
(29,2381)	1:129:A:LYS:HB2	1:133:A:ASN:HB2	17	0.63
(29,2381)	1:129:A:LYS:HB2	1:133:A:ASN:HB3	17	0.63
(29,2381)	1:129:A:LYS:HB3	1:133:A:ASN:HB2	17	0.63
(29,2381)	1:129:A:LYS:HB3	1:133:A:ASN:HB3	17	0.63
(29,1997)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	8	0.63
(29,1997)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	8	0.63
(29,1997)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	8	0.63
(29,1997)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	8	0.63
(29,1997)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	8	0.63
(29,1997)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	8	0.63
(29,1997)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	8	0.63
(29,1997)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	8	0.63
(29,1997)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	8	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1997)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	8	0.63
(29,1997)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	8	0.63
(29,1997)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	8	0.63
(29,1974)	1:11:A:ILE:HB	1:40:A:LEU:HD11	13	0.63
(29,1974)	1:11:A:ILE:HB	1:40:A:LEU:HD12	13	0.63
(29,1974)	1:11:A:ILE:HB	1:40:A:LEU:HD13	13	0.63
(29,1974)	1:11:A:ILE:HB	1:40:A:LEU:HD21	13	0.63
(29,1974)	1:11:A:ILE:HB	1:40:A:LEU:HD22	13	0.63
(29,1974)	1:11:A:ILE:HB	1:40:A:LEU:HD23	13	0.63
(29,1930)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	17	0.63
(29,1930)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	17	0.63
(29,1930)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	17	0.63
(29,1930)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	17	0.63
(29,1930)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	17	0.63
(29,1930)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	17	0.63
(29,1884)	1:9:A:PHE:HE1	1:58:A:ILE:HG12	8	0.63
(29,1884)	1:9:A:PHE:HE2	1:58:A:ILE:HG12	8	0.63
(29,1583)	1:11:A:ILE:HD11	1:131:A:LEU:HG	13	0.63
(29,1583)	1:11:A:ILE:HD12	1:131:A:LEU:HG	13	0.63
(29,1583)	1:11:A:ILE:HD13	1:131:A:LEU:HG	13	0.63
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB2	14	0.63
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB3	14	0.63
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB2	14	0.63
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB3	14	0.63
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB2	14	0.63
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB3	14	0.63
(29,1040)	1:8:A:ASP:H	1:58:A:ILE:HG12	6	0.63
(29,1004)	1:63:A:ILE:HA	1:64:A:LYS:HD2	9	0.63
(29,1004)	1:63:A:ILE:HA	1:64:A:LYS:HD3	9	0.63
(29,961)	1:39:A:VAL:HA	1:43:A:MET:HG3	11	0.63
(29,940)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	16	0.63
(29,940)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	16	0.63
(29,940)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	16	0.63
(29,940)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	16	0.63
(29,938)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	15	0.63
(29,938)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	15	0.63
(29,938)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	15	0.63
(29,938)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	15	0.63
(29,857)	1:68:A:LYS:HA	1:68:A:LYS:HE2	1	0.63
(29,857)	1:68:A:LYS:HA	1:68:A:LYS:HE3	1	0.63
(29,846)	1:110:A:MET:HG2	1:114:A:ILE:HD11	13	0.63
(29,846)	1:110:A:MET:HG2	1:114:A:ILE:HD12	13	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,846)	1:110:A:MET:HG2	1:114:A:ILE:HD13	13	0.63
(29,846)	1:110:A:MET:HG3	1:114:A:ILE:HD11	13	0.63
(29,846)	1:110:A:MET:HG3	1:114:A:ILE:HD12	13	0.63
(29,846)	1:110:A:MET:HG3	1:114:A:ILE:HD13	13	0.63
(29,845)	1:114:A:ILE:HA	1:114:A:ILE:HD11	6	0.63
(29,845)	1:114:A:ILE:HA	1:114:A:ILE:HD12	6	0.63
(29,845)	1:114:A:ILE:HA	1:114:A:ILE:HD13	6	0.63
(29,761)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	4	0.63
(29,761)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	4	0.63
(29,761)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	4	0.63
(29,761)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	10	0.63
(29,761)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	10	0.63
(29,761)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	10	0.63
(29,761)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	15	0.63
(29,761)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	15	0.63
(29,761)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	15	0.63
(29,564)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	1	0.63
(29,535)	1:124:A:THR:H	1:127:A:CYS:HA	2	0.63
(29,431)	1:39:A:VAL:HG21	1:143:A:TRP:H	14	0.63
(29,431)	1:39:A:VAL:HG22	1:143:A:TRP:H	14	0.63
(29,431)	1:39:A:VAL:HG23	1:143:A:TRP:H	14	0.63
(29,389)	1:106:A:ASP:H	1:112:A:GLN:HE21	10	0.63
(23,20)	1:128:A:LEU:N	1:124:A:THR:O	16	0.63
(23,19)	1:120:A:CYS:N	1:116:A:GLN:O	1	0.63
(23,19)	1:120:A:CYS:N	1:116:A:GLN:O	11	0.63
(23,19)	1:120:A:CYS:N	1:116:A:GLN:O	16	0.63
(23,16)	1:117:A:VAL:N	1:113:A:PHE:O	13	0.63
(23,16)	1:117:A:VAL:N	1:113:A:PHE:O	18	0.63
(23,15)	1:116:A:GLN:N	1:112:A:GLN:O	4	0.63
(23,15)	1:116:A:GLN:N	1:112:A:GLN:O	16	0.63
(23,10)	1:101:A:ILE:N	1:98:A:ILE:O	5	0.63
(23,10)	1:101:A:ILE:N	1:98:A:ILE:O	14	0.63
(22,36)	1:119:A:LEU:N	1:115:A:ALA:C	10	0.63
(22,36)	1:119:A:LEU:N	1:115:A:ALA:C	18	0.63
(22,21)	1:107:A:LEU:H	1:103:A:ARG:C	16	0.63
(22,16)	1:61:A:SER:N	1:57:A:LEU:C	6	0.63
(22,10)	1:58:A:ILE:N	1:54:A:ARG:C	2	0.63
(22,9)	1:58:A:ILE:H	1:54:A:ARG:C	7	0.63
(22,9)	1:58:A:ILE:H	1:54:A:ARG:C	17	0.63
(22,5)	1:44:A:GLU:H	1:40:A:LEU:C	18	0.63
(22,2)	1:17:A:ASN:N	1:13:A:ALA:C	15	0.63
(20,9)	1:56:A:CYS:SG	1:127:A:CYS:SG	16	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(20,8)	1:56:A:CYS:SG	1:123:A:CYS:SG	11	0.63
(19,15)	1:52:A:CYS:SG	1:127:A:CYS:CB	14	0.63
(18,2448)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	17	0.63
(18,2448)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	17	0.63
(18,2448)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	17	0.63
(18,2448)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	17	0.63
(18,2448)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	17	0.63
(18,2448)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	17	0.63
(18,2277)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	1	0.63
(18,2277)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	1	0.63
(18,2277)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	1	0.63
(18,2277)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	1	0.63
(18,2277)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	1	0.63
(18,2277)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	1	0.63
(18,2225)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	4	0.63
(18,2225)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	4	0.63
(18,2225)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	4	0.63
(18,2225)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	4	0.63
(18,2225)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	4	0.63
(18,2225)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	4	0.63
(18,2225)	1:60:A:LEU:HD11	1:122:A:ASP:HB3	4	0.63
(18,2225)	1:60:A:LEU:HD12	1:122:A:ASP:HB3	4	0.63
(18,2225)	1:60:A:LEU:HD13	1:122:A:ASP:HB3	4	0.63
(18,2225)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	4	0.63
(18,2225)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	4	0.63
(18,2225)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	4	0.63
(18,2224)	1:60:A:LEU:HD11	1:122:A:ASP:H	7	0.63
(18,2224)	1:60:A:LEU:HD12	1:122:A:ASP:H	7	0.63
(18,2224)	1:60:A:LEU:HD13	1:122:A:ASP:H	7	0.63
(18,2224)	1:60:A:LEU:HD21	1:122:A:ASP:H	7	0.63
(18,2224)	1:60:A:LEU:HD22	1:122:A:ASP:H	7	0.63
(18,2224)	1:60:A:LEU:HD23	1:122:A:ASP:H	7	0.63
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD11	14	0.63
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD12	14	0.63
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD13	14	0.63
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD21	14	0.63
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD22	14	0.63
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD23	14	0.63
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD11	17	0.63
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD12	17	0.63
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD13	17	0.63
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD21	17	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD22	17	0.63
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD23	17	0.63
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD11	12	0.63
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD12	12	0.63
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD13	12	0.63
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD21	12	0.63
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD22	12	0.63
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD23	12	0.63
(18,2037)	1:23:A:LEU:HD11	1:24:A:ASP:H	1	0.63
(18,2037)	1:23:A:LEU:HD12	1:24:A:ASP:H	1	0.63
(18,2037)	1:23:A:LEU:HD13	1:24:A:ASP:H	1	0.63
(18,2037)	1:23:A:LEU:HD21	1:24:A:ASP:H	1	0.63
(18,2037)	1:23:A:LEU:HD22	1:24:A:ASP:H	1	0.63
(18,2037)	1:23:A:LEU:HD23	1:24:A:ASP:H	1	0.63
(18,1999)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	12	0.63
(18,1999)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	12	0.63
(18,1999)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	12	0.63
(18,1999)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	12	0.63
(18,1999)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	12	0.63
(18,1999)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	12	0.63
(18,1999)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	12	0.63
(18,1999)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	12	0.63
(18,1999)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	12	0.63
(18,1999)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	12	0.63
(18,1999)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	12	0.63
(18,1999)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	12	0.63
(18,1999)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	12	0.63
(18,1999)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	12	0.63
(18,1999)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	12	0.63
(18,1999)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	12	0.63
(18,1999)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	12	0.63
(18,1999)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	12	0.63
(18,1999)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	12	0.63
(18,1999)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	12	0.63
(18,1999)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	12	0.63
(18,1999)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	12	0.63
(18,1999)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	12	0.63
(18,1999)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	12	0.63
(18,1999)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	12	0.63
(18,1999)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	12	0.63
(18,1999)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	12	0.63
(18,1999)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	12	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1999)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	12	0.63
(18,1999)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	12	0.63
(18,1999)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	12	0.63
(18,1999)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	12	0.63
(18,1999)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	12	0.63
(18,1999)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	12	0.63
(18,1999)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	12	0.63
(18,1999)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	12	0.63
(18,1865)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	13	0.63
(18,1865)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	13	0.63
(18,1801)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	5	0.63
(18,1801)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	5	0.63
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	8	0.63
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	8	0.63
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	8	0.63
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	8	0.63
(18,1554)	1:11:A:ILE:HD11	1:131:A:LEU:HG	13	0.63
(18,1554)	1:11:A:ILE:HD12	1:131:A:LEU:HG	13	0.63
(18,1554)	1:11:A:ILE:HD13	1:131:A:LEU:HG	13	0.63
(18,1508)	1:69:A:MET:HE1	1:115:A:ALA:H	11	0.63
(18,1508)	1:69:A:MET:HE2	1:115:A:ALA:H	11	0.63
(18,1508)	1:69:A:MET:HE3	1:115:A:ALA:H	11	0.63
(18,1233)	1:143:A:TRP:H	1:144:A:LEU:HD21	16	0.63
(18,1233)	1:143:A:TRP:H	1:144:A:LEU:HD22	16	0.63
(18,1233)	1:143:A:TRP:H	1:144:A:LEU:HD23	16	0.63
(18,1135)	1:40:A:LEU:HA	1:44:A:GLU:HB2	18	0.63
(18,1135)	1:40:A:LEU:HA	1:44:A:GLU:HB3	18	0.63
(18,1002)	1:63:A:ILE:HA	1:64:A:LYS:HD2	9	0.63
(18,1002)	1:63:A:ILE:HA	1:64:A:LYS:HD3	9	0.63
(18,937)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	15	0.63
(18,937)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	15	0.63
(18,937)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	15	0.63
(18,937)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	15	0.63
(18,854)	1:68:A:LYS:HA	1:68:A:LYS:HE2	1	0.63
(18,854)	1:68:A:LYS:HA	1:68:A:LYS:HE3	1	0.63
(18,841)	1:114:A:ILE:HA	1:114:A:ILE:HD11	6	0.63
(18,841)	1:114:A:ILE:HA	1:114:A:ILE:HD12	6	0.63
(18,841)	1:114:A:ILE:HA	1:114:A:ILE:HD13	6	0.63
(18,810)	1:55:A:GLY:H	1:58:A:ILE:HD11	17	0.63
(18,810)	1:55:A:GLY:H	1:58:A:ILE:HD12	17	0.63
(18,810)	1:55:A:GLY:H	1:58:A:ILE:HD13	17	0.63
(18,407)	1:105:A:LYS:HG3	1:106:A:ASP:H	12	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,382)	1:40:A:LEU:HB2	1:41:A:LYS:H	2	0.63
(18,238)	1:10:A:ASN:H	1:13:A:ALA:HB1	17	0.63
(18,238)	1:10:A:ASN:H	1:13:A:ALA:HB2	17	0.63
(18,238)	1:10:A:ASN:H	1:13:A:ALA:HB3	17	0.63
(18,73)	1:13:A:ALA:HB1	1:81:A:GLU:H	2	0.63
(18,73)	1:13:A:ALA:HB2	1:81:A:GLU:H	2	0.63
(18,73)	1:13:A:ALA:HB3	1:81:A:GLU:H	2	0.63
(18,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	3	0.63
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE1	7	0.63
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE2	7	0.63
(17,1748)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	5	0.63
(17,1748)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	5	0.63
(17,1748)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	5	0.63
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD21	10	0.63
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD22	10	0.63
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD23	10	0.63
(17,1262)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	2	0.63
(17,1262)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	2	0.63
(17,1262)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	2	0.63
(17,1262)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	2	0.63
(17,1262)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	2	0.63
(17,1262)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	2	0.63
(17,1262)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	2	0.63
(17,1262)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	2	0.63
(17,1262)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	2	0.63
(17,1254)	1:40:A:LEU:HD11	1:44:A:GLU:H	17	0.63
(17,1254)	1:40:A:LEU:HD12	1:44:A:GLU:H	17	0.63
(17,1254)	1:40:A:LEU:HD13	1:44:A:GLU:H	17	0.63
(17,1092)	1:45:A:ALA:HA	1:48:A:ARG:HG2	2	0.63
(17,1092)	1:45:A:ALA:HA	1:48:A:ARG:HG3	2	0.63
(17,1026)	1:113:A:PHE:HA	1:116:A:GLN:HG3	14	0.63
(17,854)	1:68:A:LYS:HA	1:68:A:LYS:HE2	1	0.63
(17,854)	1:68:A:LYS:HA	1:68:A:LYS:HE3	1	0.63
(17,840)	1:114:A:ILE:HA	1:114:A:ILE:HD11	6	0.63
(17,840)	1:114:A:ILE:HA	1:114:A:ILE:HD12	6	0.63
(17,840)	1:114:A:ILE:HA	1:114:A:ILE:HD13	6	0.63
(17,765)	1:53:A:THR:H	1:124:A:THR:HG21	9	0.63
(17,765)	1:53:A:THR:H	1:124:A:THR:HG22	9	0.63
(17,765)	1:53:A:THR:H	1:124:A:THR:HG23	9	0.63
(17,628)	1:57:A:LEU:H	1:58:A:ILE:HD11	13	0.63
(17,628)	1:57:A:LEU:H	1:58:A:ILE:HD12	13	0.63
(17,628)	1:57:A:LEU:H	1:58:A:ILE:HD13	13	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,578)	1:128:A:LEU:HD21	1:130:A:GLY:H	3	0.63
(17,578)	1:128:A:LEU:HD22	1:130:A:GLY:H	3	0.63
(17,578)	1:128:A:LEU:HD23	1:130:A:GLY:H	3	0.63
(17,527)	1:124:A:THR:H	1:127:A:CYS:HA	2	0.63
(16,2331)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	18	0.63
(16,2331)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	18	0.63
(16,2331)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	18	0.63
(16,2331)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	18	0.63
(16,2331)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	18	0.63
(16,2331)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	18	0.63
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG11	16	0.63
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG12	16	0.63
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG13	16	0.63
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG21	16	0.63
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG22	16	0.63
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG23	16	0.63
(16,2063)	1:31:A:PRO:HB2	1:35:A:LEU:HD11	3	0.63
(16,2063)	1:31:A:PRO:HB2	1:35:A:LEU:HD12	3	0.63
(16,2063)	1:31:A:PRO:HB2	1:35:A:LEU:HD13	3	0.63
(16,2063)	1:31:A:PRO:HB2	1:35:A:LEU:HD21	3	0.63
(16,2063)	1:31:A:PRO:HB2	1:35:A:LEU:HD22	3	0.63
(16,2063)	1:31:A:PRO:HB2	1:35:A:LEU:HD23	3	0.63
(16,2063)	1:31:A:PRO:HB3	1:35:A:LEU:HD11	3	0.63
(16,2063)	1:31:A:PRO:HB3	1:35:A:LEU:HD12	3	0.63
(16,2063)	1:31:A:PRO:HB3	1:35:A:LEU:HD13	3	0.63
(16,2063)	1:31:A:PRO:HB3	1:35:A:LEU:HD21	3	0.63
(16,2063)	1:31:A:PRO:HB3	1:35:A:LEU:HD22	3	0.63
(16,2063)	1:31:A:PRO:HB3	1:35:A:LEU:HD23	3	0.63
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD11	12	0.63
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD12	12	0.63
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD13	12	0.63
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD21	12	0.63
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD22	12	0.63
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD23	12	0.63
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD11	15	0.63
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD12	15	0.63
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD13	15	0.63
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD21	15	0.63
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD22	15	0.63
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD23	15	0.63
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD11	15	0.63
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD12	15	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD13	15	0.63
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD21	15	0.63
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD22	15	0.63
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD23	15	0.63
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD11	15	0.63
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD12	15	0.63
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD13	15	0.63
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD21	15	0.63
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD22	15	0.63
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD23	15	0.63
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD11	18	0.63
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD12	18	0.63
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD13	18	0.63
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD21	18	0.63
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD22	18	0.63
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD23	18	0.63
(16,1758)	1:95:A:ILE:HG21	1:97:A:ASP:HA	16	0.63
(16,1758)	1:95:A:ILE:HG22	1:97:A:ASP:HA	16	0.63
(16,1758)	1:95:A:ILE:HG23	1:97:A:ASP:HA	16	0.63
(16,1638)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	15	0.63
(16,1638)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	15	0.63
(16,1638)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	15	0.63
(16,1638)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	15	0.63
(16,1638)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	15	0.63
(16,1638)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	15	0.63
(16,1638)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	15	0.63
(16,1638)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	15	0.63
(16,1638)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	15	0.63
(16,1564)	1:63:A:ILE:HD11	1:113:A:PHE:HA	14	0.63
(16,1564)	1:63:A:ILE:HD12	1:113:A:PHE:HA	14	0.63
(16,1564)	1:63:A:ILE:HD13	1:113:A:PHE:HA	14	0.63
(16,1559)	1:11:A:ILE:HD11	1:131:A:LEU:HG	13	0.63
(16,1559)	1:11:A:ILE:HD12	1:131:A:LEU:HG	13	0.63
(16,1559)	1:11:A:ILE:HD13	1:131:A:LEU:HG	13	0.63
(16,1533)	1:69:A:MET:HE1	1:76:A:ARG:HB2	3	0.63
(16,1533)	1:69:A:MET:HE2	1:76:A:ARG:HB2	3	0.63
(16,1533)	1:69:A:MET:HE3	1:76:A:ARG:HB2	3	0.63
(16,1533)	1:69:A:MET:HE1	1:76:A:ARG:HB2	6	0.63
(16,1533)	1:69:A:MET:HE2	1:76:A:ARG:HB2	6	0.63
(16,1533)	1:69:A:MET:HE3	1:76:A:ARG:HB2	6	0.63
(16,1533)	1:69:A:MET:HE1	1:76:A:ARG:HB2	9	0.63
(16,1533)	1:69:A:MET:HE2	1:76:A:ARG:HB2	9	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1533)	1:69:A:MET:HE3	1:76:A:ARG:HB2	9	0.63
(16,1459)	1:13:A:ALA:HB1	1:79:A:THR:HB	10	0.63
(16,1459)	1:13:A:ALA:HB2	1:79:A:THR:HB	10	0.63
(16,1459)	1:13:A:ALA:HB3	1:79:A:THR:HB	10	0.63
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	4	0.63
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	4	0.63
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	4	0.63
(16,840)	1:114:A:ILE:HA	1:114:A:ILE:HD11	6	0.63
(16,840)	1:114:A:ILE:HA	1:114:A:ILE:HD12	6	0.63
(16,840)	1:114:A:ILE:HA	1:114:A:ILE:HD13	6	0.63
(16,764)	1:38:A:GLU:H	1:41:A:LYS:HG2	4	0.63
(16,758)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	4	0.63
(16,758)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	4	0.63
(16,758)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	4	0.63
(16,758)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	10	0.63
(16,758)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	10	0.63
(16,758)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	10	0.63
(16,758)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	15	0.63
(16,758)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	15	0.63
(16,758)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	15	0.63
(16,735)	1:73:A:ILE:HG21	1:76:A:ARG:HE	7	0.63
(16,735)	1:73:A:ILE:HG22	1:76:A:ARG:HE	7	0.63
(16,735)	1:73:A:ILE:HG23	1:76:A:ARG:HE	7	0.63
(16,633)	1:57:A:LEU:H	1:58:A:ILE:HD11	13	0.63
(16,633)	1:57:A:LEU:H	1:58:A:ILE:HD12	13	0.63
(16,633)	1:57:A:LEU:H	1:58:A:ILE:HD13	13	0.63
(16,580)	1:42:A:GLU:HB3	1:46:A:ASN:HD21	10	0.63
(16,537)	1:124:A:THR:H	1:127:A:CYS:HA	2	0.63
(16,391)	1:106:A:ASP:H	1:112:A:GLN:HE21	10	0.63
(16,380)	1:40:A:LEU:HB2	1:41:A:LYS:H	4	0.63
(16,380)	1:40:A:LEU:HB2	1:41:A:LYS:H	5	0.63
(15,2465)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	17	0.63
(15,2465)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	17	0.63
(15,2465)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	17	0.63
(15,2465)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	17	0.63
(15,2465)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	17	0.63
(15,2465)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	17	0.63
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG11	5	0.63
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG12	5	0.63
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG13	5	0.63
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG21	5	0.63
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG22	5	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG23	5	0.63
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	9	0.63
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	9	0.63
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	9	0.63
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	9	0.63
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	9	0.63
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	9	0.63
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	9	0.63
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	9	0.63
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	9	0.63
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	9	0.63
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	9	0.63
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	9	0.63
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	9	0.63
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	9	0.63
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	9	0.63
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	9	0.63
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	9	0.63
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	9	0.63
(15,2021)	1:28:A:GLY:HA2	1:30:A:LEU:HD11	3	0.63
(15,2021)	1:28:A:GLY:HA2	1:30:A:LEU:HD12	3	0.63
(15,2021)	1:28:A:GLY:HA2	1:30:A:LEU:HD13	3	0.63
(15,2021)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	3	0.63
(15,2021)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	3	0.63
(15,2021)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	3	0.63
(15,2021)	1:28:A:GLY:HA3	1:30:A:LEU:HD11	3	0.63
(15,2021)	1:28:A:GLY:HA3	1:30:A:LEU:HD12	3	0.63
(15,2021)	1:28:A:GLY:HA3	1:30:A:LEU:HD13	3	0.63
(15,2021)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	3	0.63
(15,2021)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	3	0.63
(15,2021)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	3	0.63
(15,1929)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	5	0.63
(15,1929)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	5	0.63
(15,1929)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	5	0.63
(15,1929)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	5	0.63
(15,1888)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	11	0.63
(15,1888)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	11	0.63
(15,1888)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	11	0.63
(15,1888)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	11	0.63
(15,1888)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	11	0.63
(15,1888)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	11	0.63
(15,1731)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	3	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1731)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	3	0.63
(15,1731)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	3	0.63
(15,1563)	1:11:A:ILE:HD11	1:131:A:LEU:HG	13	0.63
(15,1563)	1:11:A:ILE:HD12	1:131:A:LEU:HG	13	0.63
(15,1563)	1:11:A:ILE:HD13	1:131:A:LEU:HG	13	0.63
(15,1560)	1:11:A:ILE:HD11	1:14:A:VAL:H	14	0.63
(15,1560)	1:11:A:ILE:HD12	1:14:A:VAL:H	14	0.63
(15,1560)	1:11:A:ILE:HD13	1:14:A:VAL:H	14	0.63
(15,1544)	1:139:A:LEU:HD11	1:142:A:LYS:HE2	7	0.63
(15,1544)	1:139:A:LEU:HD11	1:142:A:LYS:HE3	7	0.63
(15,1544)	1:139:A:LEU:HD12	1:142:A:LYS:HE2	7	0.63
(15,1544)	1:139:A:LEU:HD12	1:142:A:LYS:HE3	7	0.63
(15,1544)	1:139:A:LEU:HD13	1:142:A:LYS:HE2	7	0.63
(15,1544)	1:139:A:LEU:HD13	1:142:A:LYS:HE3	7	0.63
(15,1509)	1:69:A:MET:HE1	1:115:A:ALA:H	11	0.63
(15,1509)	1:69:A:MET:HE2	1:115:A:ALA:H	11	0.63
(15,1509)	1:69:A:MET:HE3	1:115:A:ALA:H	11	0.63
(15,1343)	1:17:A:ASN:HA	1:76:A:ARG:HA	13	0.63
(15,1257)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	2	0.63
(15,1257)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	2	0.63
(15,1257)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	2	0.63
(15,1257)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	2	0.63
(15,1257)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	2	0.63
(15,1257)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	2	0.63
(15,1257)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	2	0.63
(15,1257)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	2	0.63
(15,1257)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	2	0.63
(15,1150)	1:145:A:PRO:HB2	1:146:A:GLN:HA	8	0.63
(15,961)	1:11:A:ILE:HD11	1:43:A:MET:HB3	14	0.63
(15,961)	1:11:A:ILE:HD12	1:43:A:MET:HB3	14	0.63
(15,961)	1:11:A:ILE:HD13	1:43:A:MET:HB3	14	0.63
(15,956)	1:74:A:PRO:HA	1:77:A:CYS:HB2	9	0.63
(15,848)	1:68:A:LYS:HA	1:68:A:LYS:HE2	1	0.63
(15,848)	1:68:A:LYS:HA	1:68:A:LYS:HE3	1	0.63
(15,836)	1:110:A:MET:HG2	1:114:A:ILE:HD11	13	0.63
(15,836)	1:110:A:MET:HG2	1:114:A:ILE:HD12	13	0.63
(15,836)	1:110:A:MET:HG2	1:114:A:ILE:HD13	13	0.63
(15,836)	1:110:A:MET:HG3	1:114:A:ILE:HD11	13	0.63
(15,836)	1:110:A:MET:HG3	1:114:A:ILE:HD12	13	0.63
(15,836)	1:110:A:MET:HG3	1:114:A:ILE:HD13	13	0.63
(15,820)	1:98:A:ILE:HD11	1:101:A:ILE:HB	8	0.63
(15,820)	1:98:A:ILE:HD12	1:101:A:ILE:HB	8	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,820)	1:98:A:ILE:HD13	1:101:A:ILE:HB	8	0.63
(15,817)	1:98:A:ILE:HD11	1:104:A:PHE:HB2	4	0.63
(15,817)	1:98:A:ILE:HD12	1:104:A:PHE:HB2	4	0.63
(15,817)	1:98:A:ILE:HD13	1:104:A:PHE:HB2	4	0.63
(15,756)	1:38:A:GLU:H	1:41:A:LYS:HG2	4	0.63
(15,750)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	4	0.63
(15,750)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	4	0.63
(15,750)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	4	0.63
(15,750)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	10	0.63
(15,750)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	10	0.63
(15,750)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	10	0.63
(15,750)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	15	0.63
(15,750)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	15	0.63
(15,750)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	15	0.63
(15,634)	1:57:A:LEU:H	1:58:A:ILE:HD11	13	0.63
(15,634)	1:57:A:LEU:H	1:58:A:ILE:HD12	13	0.63
(15,634)	1:57:A:LEU:H	1:58:A:ILE:HD13	13	0.63
(15,390)	1:106:A:ASP:H	1:112:A:GLN:HE21	10	0.63
(15,72)	1:13:A:ALA:HB1	1:81:A:GLU:H	2	0.63
(15,72)	1:13:A:ALA:HB2	1:81:A:GLU:H	2	0.63
(15,72)	1:13:A:ALA:HB3	1:81:A:GLU:H	2	0.63
(15,66)	1:80:A:TYR:HA	1:81:A:GLU:H	14	0.63
(15,32)	1:96:A:VAL:H	1:97:A:ASP:H	3	0.63
(13,2097)	1:43:A:MET:HE1	1:46:A:ASN:HD21	10	0.63
(13,2097)	1:43:A:MET:HE1	1:46:A:ASN:HD22	10	0.63
(13,2097)	1:43:A:MET:HE2	1:46:A:ASN:HD21	10	0.63
(13,2097)	1:43:A:MET:HE2	1:46:A:ASN:HD22	10	0.63
(13,2097)	1:43:A:MET:HE3	1:46:A:ASN:HD21	10	0.63
(13,2097)	1:43:A:MET:HE3	1:46:A:ASN:HD22	10	0.63
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD11	12	0.63
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD12	12	0.63
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD13	12	0.63
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD21	12	0.63
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD22	12	0.63
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD23	12	0.63
(13,1921)	1:11:A:ILE:HD11	1:46:A:ASN:HD21	18	0.63
(13,1921)	1:11:A:ILE:HD11	1:46:A:ASN:HD22	18	0.63
(13,1921)	1:11:A:ILE:HD12	1:46:A:ASN:HD21	18	0.63
(13,1921)	1:11:A:ILE:HD12	1:46:A:ASN:HD22	18	0.63
(13,1921)	1:11:A:ILE:HD13	1:46:A:ASN:HD21	18	0.63
(13,1921)	1:11:A:ILE:HD13	1:46:A:ASN:HD22	18	0.63
(13,1869)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	17	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1869)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	17	0.63
(13,1869)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	17	0.63
(13,1869)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	17	0.63
(13,1869)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	17	0.63
(13,1869)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	17	0.63
(13,1848)	1:64:A:LYS:HD2	1:104:A:PHE:HZ	14	0.63
(13,1848)	1:64:A:LYS:HD3	1:104:A:PHE:HZ	14	0.63
(13,1756)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	3	0.63
(13,1756)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	3	0.63
(13,1756)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	3	0.63
(13,1756)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	3	0.63
(13,1699)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	5	0.63
(13,1699)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	5	0.63
(13,1699)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	5	0.63
(13,1662)	1:11:A:ILE:HG12	1:57:A:LEU:HB3	15	0.63
(13,1524)	1:139:A:LEU:HD11	1:142:A:LYS:HE2	7	0.63
(13,1524)	1:139:A:LEU:HD11	1:142:A:LYS:HE3	7	0.63
(13,1524)	1:139:A:LEU:HD12	1:142:A:LYS:HE2	7	0.63
(13,1524)	1:139:A:LEU:HD12	1:142:A:LYS:HE3	7	0.63
(13,1524)	1:139:A:LEU:HD13	1:142:A:LYS:HE2	7	0.63
(13,1524)	1:139:A:LEU:HD13	1:142:A:LYS:HE3	7	0.63
(13,1150)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	9	0.63
(13,1150)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	9	0.63
(13,1150)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	9	0.63
(13,1150)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	9	0.63
(13,1150)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	9	0.63
(13,1150)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	9	0.63
(13,1103)	1:40:A:LEU:HA	1:43:A:MET:HG2	5	0.63
(13,1103)	1:40:A:LEU:HA	1:43:A:MET:HG2	15	0.63
(13,973)	1:63:A:ILE:HA	1:64:A:LYS:HD2	9	0.63
(13,973)	1:63:A:ILE:HA	1:64:A:LYS:HD3	9	0.63
(13,970)	1:105:A:LYS:HD2	1:107:A:LEU:H	2	0.63
(13,970)	1:105:A:LYS:HD3	1:107:A:LEU:H	2	0.63
(13,946)	1:11:A:ILE:HD11	1:43:A:MET:HB3	14	0.63
(13,946)	1:11:A:ILE:HD12	1:43:A:MET:HB3	14	0.63
(13,946)	1:11:A:ILE:HD13	1:43:A:MET:HB3	14	0.63
(13,911)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	16	0.63
(13,911)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	16	0.63
(13,911)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	16	0.63
(13,911)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	16	0.63
(13,910)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	15	0.63
(13,910)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	15	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,910)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	15	0.63
(13,910)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	15	0.63
(13,873)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	2	0.63
(13,873)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	2	0.63
(13,873)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	2	0.63
(13,831)	1:68:A:LYS:HA	1:68:A:LYS:HE2	1	0.63
(13,831)	1:68:A:LYS:HA	1:68:A:LYS:HE3	1	0.63
(13,818)	1:114:A:ILE:HA	1:114:A:ILE:HD11	6	0.63
(13,818)	1:114:A:ILE:HA	1:114:A:ILE:HD12	6	0.63
(13,818)	1:114:A:ILE:HA	1:114:A:ILE:HD13	6	0.63
(13,739)	1:38:A:GLU:H	1:41:A:LYS:HG2	4	0.63
(13,732)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	4	0.63
(13,732)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	4	0.63
(13,732)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	4	0.63
(13,732)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	10	0.63
(13,732)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	10	0.63
(13,732)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	10	0.63
(13,732)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	15	0.63
(13,732)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	15	0.63
(13,732)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	15	0.63
(13,683)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	15	0.63
(13,683)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	15	0.63
(13,575)	1:128:A:LEU:HD21	1:130:A:GLY:H	3	0.63
(13,575)	1:128:A:LEU:HD22	1:130:A:GLY:H	3	0.63
(13,575)	1:128:A:LEU:HD23	1:130:A:GLY:H	3	0.63
(13,383)	1:106:A:ASP:H	1:112:A:GLN:HE21	10	0.63
(13,89)	1:96:A:VAL:H	1:97:A:ASP:H	2	0.63
(13,66)	1:13:A:ALA:HB1	1:81:A:GLU:H	2	0.63
(13,66)	1:13:A:ALA:HB2	1:81:A:GLU:H	2	0.63
(13,66)	1:13:A:ALA:HB3	1:81:A:GLU:H	2	0.63
(11,2303)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	6	0.63
(11,2303)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	6	0.63
(11,2303)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	6	0.63
(11,2303)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	6	0.63
(11,2303)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	6	0.63
(11,2303)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	6	0.63
(11,2303)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	6	0.63
(11,2303)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	6	0.63
(11,2303)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	6	0.63
(11,2303)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	6	0.63
(11,2303)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	6	0.63
(11,2303)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	6	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	6	0.63
(11,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	6	0.63
(11,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	6	0.63
(11,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	6	0.63
(11,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	6	0.63
(11,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	6	0.63
(11,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	6	0.63
(11,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	6	0.63
(11,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	6	0.63
(11,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	6	0.63
(11,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	6	0.63
(11,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	6	0.63
(11,1896)	1:72:A:PHE:HD1	1:109:A:PRO:HD2	6	0.63
(11,1896)	1:72:A:PHE:HD2	1:109:A:PRO:HD2	6	0.63
(11,1769)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	5	0.63
(11,1769)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	5	0.63
(11,1769)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	5	0.63
(11,1730)	1:11:A:ILE:HG12	1:57:A:LEU:HB3	15	0.63
(11,1687)	1:134:A:VAL:HG21	1:137:A:SER:H	18	0.63
(11,1687)	1:134:A:VAL:HG22	1:137:A:SER:H	18	0.63
(11,1687)	1:134:A:VAL:HG23	1:137:A:SER:H	18	0.63
(11,1642)	1:128:A:LEU:HD21	1:130:A:GLY:H	3	0.63
(11,1642)	1:128:A:LEU:HD22	1:130:A:GLY:H	3	0.63
(11,1642)	1:128:A:LEU:HD23	1:130:A:GLY:H	3	0.63
(11,1599)	1:11:A:ILE:HD11	1:131:A:LEU:HG	13	0.63
(11,1599)	1:11:A:ILE:HD12	1:131:A:LEU:HG	13	0.63
(11,1599)	1:11:A:ILE:HD13	1:131:A:LEU:HG	13	0.63
(11,1595)	1:11:A:ILE:HD11	1:14:A:VAL:H	14	0.63
(11,1595)	1:11:A:ILE:HD12	1:14:A:VAL:H	14	0.63
(11,1595)	1:11:A:ILE:HD13	1:14:A:VAL:H	14	0.63
(11,1574)	1:139:A:LEU:HD11	1:142:A:LYS:HE2	7	0.63
(11,1574)	1:139:A:LEU:HD11	1:142:A:LYS:HE3	7	0.63
(11,1574)	1:139:A:LEU:HD12	1:142:A:LYS:HE2	7	0.63
(11,1574)	1:139:A:LEU:HD12	1:142:A:LYS:HE3	7	0.63
(11,1574)	1:139:A:LEU:HD13	1:142:A:LYS:HE2	7	0.63
(11,1574)	1:139:A:LEU:HD13	1:142:A:LYS:HE3	7	0.63
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB2	15	0.63
(11,1481)	1:13:A:ALA:HB1	1:31:A:PRO:HB3	15	0.63
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB2	15	0.63
(11,1481)	1:13:A:ALA:HB2	1:31:A:PRO:HB3	15	0.63
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB2	15	0.63
(11,1481)	1:13:A:ALA:HB3	1:31:A:PRO:HB3	15	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1479)	1:13:A:ALA:HB1	1:79:A:THR:HB	10	0.63
(11,1479)	1:13:A:ALA:HB2	1:79:A:THR:HB	10	0.63
(11,1479)	1:13:A:ALA:HB3	1:79:A:THR:HB	10	0.63
(11,1307)	1:68:A:LYS:HG2	1:70:A:LYS:H	9	0.63
(11,1307)	1:68:A:LYS:HG3	1:70:A:LYS:H	9	0.63
(11,1263)	1:40:A:LEU:HD11	1:44:A:GLU:H	17	0.63
(11,1263)	1:40:A:LEU:HD12	1:44:A:GLU:H	17	0.63
(11,1263)	1:40:A:LEU:HD13	1:44:A:GLU:H	17	0.63
(11,994)	1:105:A:LYS:HD2	1:107:A:LEU:H	15	0.63
(11,994)	1:105:A:LYS:HD3	1:107:A:LEU:H	15	0.63
(11,935)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	15	0.63
(11,935)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	15	0.63
(11,935)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	15	0.63
(11,935)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	15	0.63
(11,830)	1:110:A:MET:HG2	1:114:A:ILE:HD11	13	0.63
(11,830)	1:110:A:MET:HG2	1:114:A:ILE:HD12	13	0.63
(11,830)	1:110:A:MET:HG2	1:114:A:ILE:HD13	13	0.63
(11,830)	1:110:A:MET:HG3	1:114:A:ILE:HD11	13	0.63
(11,830)	1:110:A:MET:HG3	1:114:A:ILE:HD12	13	0.63
(11,830)	1:110:A:MET:HG3	1:114:A:ILE:HD13	13	0.63
(11,829)	1:114:A:ILE:HA	1:114:A:ILE:HD11	6	0.63
(11,829)	1:114:A:ILE:HA	1:114:A:ILE:HD12	6	0.63
(11,829)	1:114:A:ILE:HA	1:114:A:ILE:HD13	6	0.63
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	4	0.63
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	4	0.63
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	4	0.63
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	4	0.63
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	4	0.63
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	4	0.63
(11,753)	1:38:A:GLU:H	1:41:A:LYS:HG2	4	0.63
(11,747)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	4	0.63
(11,747)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	4	0.63
(11,747)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	4	0.63
(11,747)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	10	0.63
(11,747)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	10	0.63
(11,747)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	10	0.63
(11,747)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	15	0.63
(11,747)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	15	0.63
(11,747)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	15	0.63
(11,725)	1:73:A:ILE:HG21	1:76:A:ARG:HE	7	0.63
(11,725)	1:73:A:ILE:HG22	1:76:A:ARG:HE	7	0.63
(11,725)	1:73:A:ILE:HG23	1:76:A:ARG:HE	7	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,628)	1:57:A:LEU:H	1:58:A:ILE:HD11	13	0.63
(11,628)	1:57:A:LEU:H	1:58:A:ILE:HD12	13	0.63
(11,628)	1:57:A:LEU:H	1:58:A:ILE:HD13	13	0.63
(11,392)	1:106:A:ASP:H	1:112:A:GLN:HE21	10	0.63
(11,67)	1:80:A:TYR:HA	1:81:A:GLU:H	14	0.63
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	3	0.63
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	3	0.63
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	3	0.63
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	3	0.63
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	3	0.63
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	3	0.63
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG11	4	0.63
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG12	4	0.63
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG13	4	0.63
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG21	4	0.63
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG22	4	0.63
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG23	4	0.63
(9,2164)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	7	0.63
(9,2164)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	7	0.63
(9,2164)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	7	0.63
(9,2164)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	7	0.63
(9,2164)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	7	0.63
(9,2164)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	7	0.63
(9,2164)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	7	0.63
(9,2164)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	7	0.63
(9,2164)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	7	0.63
(9,2164)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	7	0.63
(9,2164)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	7	0.63
(9,2164)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	7	0.63
(9,2164)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	7	0.63
(9,2164)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	7	0.63
(9,2164)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	7	0.63
(9,2164)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	7	0.63
(9,2164)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	7	0.63
(9,2164)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	7	0.63
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	11	0.63
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	11	0.63
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	11	0.63
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	11	0.63
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	11	0.63
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	11	0.63
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	11	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	11	0.63
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	11	0.63
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	11	0.63
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	11	0.63
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	11	0.63
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE1	7	0.63
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE2	7	0.63
(9,1725)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	5	0.63
(9,1725)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	5	0.63
(9,1725)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	5	0.63
(9,1565)	1:11:A:ILE:HD11	1:131:A:LEU:HG	13	0.63
(9,1565)	1:11:A:ILE:HD12	1:131:A:LEU:HG	13	0.63
(9,1565)	1:11:A:ILE:HD13	1:131:A:LEU:HG	13	0.63
(9,1514)	1:69:A:MET:HE1	1:115:A:ALA:H	11	0.63
(9,1514)	1:69:A:MET:HE2	1:115:A:ALA:H	11	0.63
(9,1514)	1:69:A:MET:HE3	1:115:A:ALA:H	11	0.63
(9,1204)	1:140:A:LEU:HA	1:140:A:LEU:HD21	4	0.63
(9,1204)	1:140:A:LEU:HA	1:140:A:LEU:HD22	4	0.63
(9,1204)	1:140:A:LEU:HA	1:140:A:LEU:HD23	4	0.63
(9,990)	1:63:A:ILE:HA	1:64:A:LYS:HD2	9	0.63
(9,990)	1:63:A:ILE:HA	1:64:A:LYS:HD3	9	0.63
(9,937)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	5	0.63
(9,843)	1:68:A:LYS:HA	1:68:A:LYS:HE2	1	0.63
(9,843)	1:68:A:LYS:HA	1:68:A:LYS:HE3	1	0.63
(9,829)	1:114:A:ILE:HA	1:114:A:ILE:HD11	6	0.63
(9,829)	1:114:A:ILE:HA	1:114:A:ILE:HD12	6	0.63
(9,829)	1:114:A:ILE:HA	1:114:A:ILE:HD13	6	0.63
(9,752)	1:38:A:GLU:H	1:41:A:LYS:HG2	4	0.63
(9,744)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	4	0.63
(9,744)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	4	0.63
(9,744)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	4	0.63
(9,744)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	10	0.63
(9,744)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	10	0.63
(9,744)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	10	0.63
(9,744)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	15	0.63
(9,744)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	15	0.63
(9,744)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	15	0.63
(9,396)	1:106:A:ASP:H	1:112:A:GLN:HE21	10	0.63
(9,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	1	0.63
(9,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	1	0.63
(9,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	1	0.63
(9,69)	1:13:A:ALA:HB1	1:81:A:GLU:H	2	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,69)	1:13:A:ALA:HB2	1:81:A:GLU:H	2	0.63
(9,69)	1:13:A:ALA:HB3	1:81:A:GLU:H	2	0.63
(7,2426)	1:136:A:CYS:HB2	1:141:A:LYS:HA	2	0.63
(7,2426)	1:136:A:CYS:HB3	1:141:A:LYS:HA	2	0.63
(7,2399)	1:129:A:LYS:HB2	1:133:A:ASN:HB2	17	0.63
(7,2399)	1:129:A:LYS:HB2	1:133:A:ASN:HB3	17	0.63
(7,2399)	1:129:A:LYS:HB3	1:133:A:ASN:HB2	17	0.63
(7,2399)	1:129:A:LYS:HB3	1:133:A:ASN:HB3	17	0.63
(7,2197)	1:63:A:ILE:HG12	1:117:A:VAL:H	4	0.63
(7,2197)	1:63:A:ILE:HG13	1:117:A:VAL:H	4	0.63
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	14	0.63
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	14	0.63
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	14	0.63
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	14	0.63
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	14	0.63
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	14	0.63
(7,2023)	1:31:A:PRO:HB2	1:35:A:LEU:HD11	3	0.63
(7,2023)	1:31:A:PRO:HB2	1:35:A:LEU:HD12	3	0.63
(7,2023)	1:31:A:PRO:HB2	1:35:A:LEU:HD13	3	0.63
(7,2023)	1:31:A:PRO:HB2	1:35:A:LEU:HD21	3	0.63
(7,2023)	1:31:A:PRO:HB2	1:35:A:LEU:HD22	3	0.63
(7,2023)	1:31:A:PRO:HB2	1:35:A:LEU:HD23	3	0.63
(7,2023)	1:31:A:PRO:HB3	1:35:A:LEU:HD11	3	0.63
(7,2023)	1:31:A:PRO:HB3	1:35:A:LEU:HD12	3	0.63
(7,2023)	1:31:A:PRO:HB3	1:35:A:LEU:HD13	3	0.63
(7,2023)	1:31:A:PRO:HB3	1:35:A:LEU:HD21	3	0.63
(7,2023)	1:31:A:PRO:HB3	1:35:A:LEU:HD22	3	0.63
(7,2023)	1:31:A:PRO:HB3	1:35:A:LEU:HD23	3	0.63
(7,1930)	1:13:A:ALA:H	1:40:A:LEU:HD11	14	0.63
(7,1930)	1:13:A:ALA:H	1:40:A:LEU:HD12	14	0.63
(7,1930)	1:13:A:ALA:H	1:40:A:LEU:HD13	14	0.63
(7,1930)	1:13:A:ALA:H	1:40:A:LEU:HD21	14	0.63
(7,1930)	1:13:A:ALA:H	1:40:A:LEU:HD22	14	0.63
(7,1930)	1:13:A:ALA:H	1:40:A:LEU:HD23	14	0.63
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	16	0.63
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	16	0.63
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	16	0.63
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	16	0.63
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	16	0.63
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	16	0.63
(7,1848)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	13	0.63
(7,1848)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	13	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1700)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	5	0.63
(7,1700)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	5	0.63
(7,1700)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	5	0.63
(7,1685)	1:79:A:THR:HG21	1:81:A:GLU:HB3	17	0.63
(7,1685)	1:79:A:THR:HG22	1:81:A:GLU:HB3	17	0.63
(7,1685)	1:79:A:THR:HG23	1:81:A:GLU:HB3	17	0.63
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG21	1	0.63
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG22	1	0.63
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG23	1	0.63
(7,1545)	1:11:A:ILE:HD11	1:131:A:LEU:HG	13	0.63
(7,1545)	1:11:A:ILE:HD12	1:131:A:LEU:HG	13	0.63
(7,1545)	1:11:A:ILE:HD13	1:131:A:LEU:HG	13	0.63
(7,1542)	1:11:A:ILE:HD11	1:14:A:VAL:H	14	0.63
(7,1542)	1:11:A:ILE:HD12	1:14:A:VAL:H	14	0.63
(7,1542)	1:11:A:ILE:HD13	1:14:A:VAL:H	14	0.63
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG11	10	0.63
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG12	10	0.63
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG13	10	0.63
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG11	17	0.63
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG12	17	0.63
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG13	17	0.63
(7,1237)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	2	0.63
(7,1237)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	2	0.63
(7,1237)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	2	0.63
(7,1237)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	2	0.63
(7,1237)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	2	0.63
(7,1237)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	2	0.63
(7,1237)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	2	0.63
(7,1237)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	2	0.63
(7,1237)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	2	0.63
(7,1058)	1:104:A:PHE:HZ	1:112:A:GLN:HA	10	0.63
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	19	0.63
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	19	0.63
(7,919)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	16	0.63
(7,919)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	16	0.63
(7,919)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	16	0.63
(7,919)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	16	0.63
(7,837)	1:68:A:LYS:HA	1:68:A:LYS:HE2	1	0.63
(7,837)	1:68:A:LYS:HA	1:68:A:LYS:HE3	1	0.63
(7,821)	1:114:A:ILE:HA	1:114:A:ILE:HD11	6	0.63
(7,821)	1:114:A:ILE:HA	1:114:A:ILE:HD12	6	0.63
(7,821)	1:114:A:ILE:HA	1:114:A:ILE:HD13	6	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,745)	1:38:A:GLU:H	1:41:A:LYS:HG2	4	0.63
(7,626)	1:57:A:LEU:H	1:58:A:ILE:HD11	13	0.63
(7,626)	1:57:A:LEU:H	1:58:A:ILE:HD12	13	0.63
(7,626)	1:57:A:LEU:H	1:58:A:ILE:HD13	13	0.63
(7,533)	1:124:A:THR:H	1:127:A:CYS:HA	2	0.63
(7,397)	1:105:A:LYS:HG3	1:106:A:ASP:H	12	0.63
(6,2431)	1:134:A:VAL:HG11	1:137:A:SER:H	5	0.63
(6,2431)	1:134:A:VAL:HG12	1:137:A:SER:H	5	0.63
(6,2431)	1:134:A:VAL:HG13	1:137:A:SER:H	5	0.63
(6,2431)	1:134:A:VAL:HG21	1:137:A:SER:H	5	0.63
(6,2431)	1:134:A:VAL:HG22	1:137:A:SER:H	5	0.63
(6,2431)	1:134:A:VAL:HG23	1:137:A:SER:H	5	0.63
(6,2362)	1:115:A:ALA:H	1:116:A:GLN:HE21	5	0.63
(6,2362)	1:115:A:ALA:H	1:116:A:GLN:HE22	5	0.63
(6,2211)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	7	0.63
(6,2211)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	7	0.63
(6,2211)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	7	0.63
(6,2211)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	7	0.63
(6,2211)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	7	0.63
(6,2211)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	7	0.63
(6,2211)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	7	0.63
(6,2211)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	7	0.63
(6,2211)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	7	0.63
(6,2211)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	7	0.63
(6,2211)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	7	0.63
(6,2211)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	7	0.63
(6,2211)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	7	0.63
(6,2211)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	7	0.63
(6,2211)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	7	0.63
(6,2211)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	7	0.63
(6,2211)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	7	0.63
(6,2211)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	7	0.63
(6,2130)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	13	0.63
(6,2130)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	13	0.63
(6,2130)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	13	0.63
(6,2130)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	13	0.63
(6,2130)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	13	0.63
(6,2130)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	13	0.63
(6,2130)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	13	0.63
(6,2130)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	13	0.63
(6,2130)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	13	0.63
(6,2130)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	13	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2130)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	13	0.63
(6,2130)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	13	0.63
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD11	18	0.63
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD12	18	0.63
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD13	18	0.63
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD21	18	0.63
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD22	18	0.63
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD23	18	0.63
(6,1887)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	13	0.63
(6,1887)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	13	0.63
(6,1569)	1:11:A:ILE:HD11	1:131:A:LEU:HG	13	0.63
(6,1569)	1:11:A:ILE:HD12	1:131:A:LEU:HG	13	0.63
(6,1569)	1:11:A:ILE:HD13	1:131:A:LEU:HG	13	0.63
(6,1555)	1:139:A:LEU:HD11	1:142:A:LYS:HE2	7	0.63
(6,1555)	1:139:A:LEU:HD11	1:142:A:LYS:HE3	7	0.63
(6,1555)	1:139:A:LEU:HD12	1:142:A:LYS:HE2	7	0.63
(6,1555)	1:139:A:LEU:HD12	1:142:A:LYS:HE3	7	0.63
(6,1555)	1:139:A:LEU:HD13	1:142:A:LYS:HE2	7	0.63
(6,1555)	1:139:A:LEU:HD13	1:142:A:LYS:HE3	7	0.63
(6,1513)	1:69:A:MET:HE1	1:115:A:ALA:H	11	0.63
(6,1513)	1:69:A:MET:HE2	1:115:A:ALA:H	11	0.63
(6,1513)	1:69:A:MET:HE3	1:115:A:ALA:H	11	0.63
(6,1014)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	8	0.63
(6,976)	1:63:A:ILE:HA	1:64:A:LYS:HD2	9	0.63
(6,976)	1:63:A:ILE:HA	1:64:A:LYS:HD3	9	0.63
(6,869)	1:14:A:VAL:HA	1:18:A:PHE:HB2	8	0.63
(6,745)	1:38:A:GLU:H	1:41:A:LYS:HG2	4	0.63
(6,623)	1:57:A:LEU:H	1:58:A:ILE:HD11	13	0.63
(6,623)	1:57:A:LEU:H	1:58:A:ILE:HD12	13	0.63
(6,623)	1:57:A:LEU:H	1:58:A:ILE:HD13	13	0.63
(6,385)	1:106:A:ASP:H	1:112:A:GLN:HE21	10	0.63
(6,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	1	0.63
(6,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	1	0.63
(6,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	1	0.63
(5,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	12	0.63
(5,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	12	0.63
(5,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	12	0.63
(5,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	12	0.63
(5,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	12	0.63
(5,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	12	0.63
(5,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	12	0.63
(5,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	12	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	12	0.63
(5,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	12	0.63
(5,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	12	0.63
(5,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	12	0.63
(5,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	12	0.63
(5,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	12	0.63
(5,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	12	0.63
(5,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	12	0.63
(5,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	12	0.63
(5,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	12	0.63
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD11	12	0.63
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD12	12	0.63
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD13	12	0.63
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD21	12	0.63
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD22	12	0.63
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD23	12	0.63
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD11	12	0.63
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD12	12	0.63
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD13	12	0.63
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD21	12	0.63
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD22	12	0.63
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD23	12	0.63
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD11	12	0.63
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD12	12	0.63
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD13	12	0.63
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD21	12	0.63
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD22	12	0.63
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD23	12	0.63
(5,2043)	1:31:A:PRO:HB2	1:35:A:LEU:HD11	3	0.63
(5,2043)	1:31:A:PRO:HB2	1:35:A:LEU:HD12	3	0.63
(5,2043)	1:31:A:PRO:HB2	1:35:A:LEU:HD13	3	0.63
(5,2043)	1:31:A:PRO:HB2	1:35:A:LEU:HD21	3	0.63
(5,2043)	1:31:A:PRO:HB2	1:35:A:LEU:HD22	3	0.63
(5,2043)	1:31:A:PRO:HB2	1:35:A:LEU:HD23	3	0.63
(5,2043)	1:31:A:PRO:HB3	1:35:A:LEU:HD11	3	0.63
(5,2043)	1:31:A:PRO:HB3	1:35:A:LEU:HD12	3	0.63
(5,2043)	1:31:A:PRO:HB3	1:35:A:LEU:HD13	3	0.63
(5,2043)	1:31:A:PRO:HB3	1:35:A:LEU:HD21	3	0.63
(5,2043)	1:31:A:PRO:HB3	1:35:A:LEU:HD22	3	0.63
(5,2043)	1:31:A:PRO:HB3	1:35:A:LEU:HD23	3	0.63
(5,1985)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	9	0.63
(5,1985)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	9	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1985)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	9	0.63
(5,1985)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	9	0.63
(5,1985)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	9	0.63
(5,1985)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	9	0.63
(5,1757)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	5	0.63
(5,1757)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	5	0.63
(5,1757)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	5	0.63
(5,1591)	1:61:A:SER:HA	1:63:A:ILE:HD11	17	0.63
(5,1591)	1:61:A:SER:HA	1:63:A:ILE:HD12	17	0.63
(5,1591)	1:61:A:SER:HA	1:63:A:ILE:HD13	17	0.63
(5,1585)	1:11:A:ILE:HD11	1:131:A:LEU:HG	13	0.63
(5,1585)	1:11:A:ILE:HD12	1:131:A:LEU:HG	13	0.63
(5,1585)	1:11:A:ILE:HD13	1:131:A:LEU:HG	13	0.63
(5,1583)	1:11:A:ILE:HD11	1:14:A:VAL:H	14	0.63
(5,1583)	1:11:A:ILE:HD12	1:14:A:VAL:H	14	0.63
(5,1583)	1:11:A:ILE:HD13	1:14:A:VAL:H	14	0.63
(5,1267)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	2	0.63
(5,1267)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	2	0.63
(5,1267)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	2	0.63
(5,1267)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	2	0.63
(5,1267)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	2	0.63
(5,1267)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	2	0.63
(5,1267)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	2	0.63
(5,1267)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	2	0.63
(5,1267)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	2	0.63
(5,1163)	1:145:A:PRO:HB2	1:146:A:GLN:HA	8	0.63
(5,992)	1:63:A:ILE:HA	1:64:A:LYS:HD2	9	0.63
(5,992)	1:63:A:ILE:HA	1:64:A:LYS:HD3	9	0.63
(5,932)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	16	0.63
(5,932)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	16	0.63
(5,932)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	16	0.63
(5,932)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	16	0.63
(5,900)	1:17:A:ASN:HB2	1:113:A:PHE:HE1	12	0.63
(5,900)	1:17:A:ASN:HB2	1:113:A:PHE:HE2	12	0.63
(5,900)	1:17:A:ASN:HB3	1:113:A:PHE:HE1	12	0.63
(5,900)	1:17:A:ASN:HB3	1:113:A:PHE:HE2	12	0.63
(5,845)	1:68:A:LYS:HA	1:68:A:LYS:HE2	1	0.63
(5,845)	1:68:A:LYS:HA	1:68:A:LYS:HE3	1	0.63
(5,831)	1:114:A:ILE:HA	1:114:A:ILE:HD11	6	0.63
(5,831)	1:114:A:ILE:HA	1:114:A:ILE:HD12	6	0.63
(5,831)	1:114:A:ILE:HA	1:114:A:ILE:HD13	6	0.63
(5,750)	1:38:A:GLU:H	1:41:A:LYS:HG2	4	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,627)	1:57:A:LEU:H	1:58:A:ILE:HD11	13	0.63
(5,627)	1:57:A:LEU:H	1:58:A:ILE:HD12	13	0.63
(5,627)	1:57:A:LEU:H	1:58:A:ILE:HD13	13	0.63
(5,523)	1:124:A:THR:H	1:127:A:CYS:HA	2	0.63
(5,420)	1:39:A:VAL:HG21	1:143:A:TRP:H	14	0.63
(5,420)	1:39:A:VAL:HG22	1:143:A:TRP:H	14	0.63
(5,420)	1:39:A:VAL:HG23	1:143:A:TRP:H	14	0.63
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD11	3	0.63
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD12	3	0.63
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD13	3	0.63
(5,260)	1:14:A:VAL:HG11	1:15:A:ALA:H	14	0.63
(5,260)	1:14:A:VAL:HG12	1:15:A:ALA:H	14	0.63
(5,260)	1:14:A:VAL:HG13	1:15:A:ALA:H	14	0.63
(5,260)	1:14:A:VAL:HG11	1:15:A:ALA:H	19	0.63
(5,260)	1:14:A:VAL:HG12	1:15:A:ALA:H	19	0.63
(5,260)	1:14:A:VAL:HG13	1:15:A:ALA:H	19	0.63
(5,228)	1:112:A:GLN:HG2	1:114:A:ILE:H	3	0.63
(5,228)	1:112:A:GLN:HG3	1:114:A:ILE:H	3	0.63
(4,2114)	1:39:A:VAL:HG11	1:144:A:LEU:HD21	14	0.63
(4,2114)	1:39:A:VAL:HG11	1:144:A:LEU:HD22	14	0.63
(4,2114)	1:39:A:VAL:HG11	1:144:A:LEU:HD23	14	0.63
(4,2114)	1:39:A:VAL:HG12	1:144:A:LEU:HD21	14	0.63
(4,2114)	1:39:A:VAL:HG12	1:144:A:LEU:HD22	14	0.63
(4,2114)	1:39:A:VAL:HG12	1:144:A:LEU:HD23	14	0.63
(4,2114)	1:39:A:VAL:HG13	1:144:A:LEU:HD21	14	0.63
(4,2114)	1:39:A:VAL:HG13	1:144:A:LEU:HD22	14	0.63
(4,2114)	1:39:A:VAL:HG13	1:144:A:LEU:HD23	14	0.63
(4,2114)	1:39:A:VAL:HG21	1:144:A:LEU:HD21	14	0.63
(4,2114)	1:39:A:VAL:HG21	1:144:A:LEU:HD22	14	0.63
(4,2114)	1:39:A:VAL:HG21	1:144:A:LEU:HD23	14	0.63
(4,2114)	1:39:A:VAL:HG22	1:144:A:LEU:HD21	14	0.63
(4,2114)	1:39:A:VAL:HG22	1:144:A:LEU:HD22	14	0.63
(4,2114)	1:39:A:VAL:HG22	1:144:A:LEU:HD23	14	0.63
(4,2114)	1:39:A:VAL:HG23	1:144:A:LEU:HD21	14	0.63
(4,2114)	1:39:A:VAL:HG23	1:144:A:LEU:HD22	14	0.63
(4,2114)	1:39:A:VAL:HG23	1:144:A:LEU:HD23	14	0.63
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD11	15	0.63
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD12	15	0.63
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD13	15	0.63
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD21	15	0.63
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD22	15	0.63
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD23	15	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD11	15	0.63
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD12	15	0.63
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD13	15	0.63
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD21	15	0.63
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD22	15	0.63
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD23	15	0.63
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD11	15	0.63
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD12	15	0.63
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD13	15	0.63
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD21	15	0.63
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD22	15	0.63
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD23	15	0.63
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD11	14	0.63
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD12	14	0.63
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD13	14	0.63
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD21	14	0.63
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD22	14	0.63
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD23	14	0.63
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	19	0.63
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	19	0.63
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	19	0.63
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	19	0.63
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	19	0.63
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	19	0.63
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	19	0.63
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	19	0.63
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	19	0.63
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	19	0.63
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	19	0.63
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	19	0.63
(4,1855)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	13	0.63
(4,1855)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	13	0.63
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD11	13	0.63
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD12	13	0.63
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD13	13	0.63
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD11	14	0.63
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD12	14	0.63
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD13	14	0.63
(4,1551)	1:11:A:ILE:HD11	1:131:A:LEU:HG	13	0.63
(4,1551)	1:11:A:ILE:HD12	1:131:A:LEU:HG	13	0.63
(4,1551)	1:11:A:ILE:HD13	1:131:A:LEU:HG	13	0.63
(4,1538)	1:139:A:LEU:HD11	1:142:A:LYS:HE2	7	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1538)	1:139:A:LEU:HD11	1:142:A:LYS:HE3	7	0.63
(4,1538)	1:139:A:LEU:HD12	1:142:A:LYS:HE2	7	0.63
(4,1538)	1:139:A:LEU:HD12	1:142:A:LYS:HE3	7	0.63
(4,1538)	1:139:A:LEU:HD13	1:142:A:LYS:HE2	7	0.63
(4,1538)	1:139:A:LEU:HD13	1:142:A:LYS:HE3	7	0.63
(4,1499)	1:69:A:MET:HE1	1:115:A:ALA:H	11	0.63
(4,1499)	1:69:A:MET:HE2	1:115:A:ALA:H	11	0.63
(4,1499)	1:69:A:MET:HE3	1:115:A:ALA:H	11	0.63
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	6	0.63
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	6	0.63
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	6	0.63
(4,1441)	1:13:A:ALA:HB1	1:79:A:THR:HB	10	0.63
(4,1441)	1:13:A:ALA:HB2	1:79:A:THR:HB	10	0.63
(4,1441)	1:13:A:ALA:HB3	1:79:A:THR:HB	10	0.63
(4,1436)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	17	0.63
(4,1436)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	17	0.63
(4,1436)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	17	0.63
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD11	6	0.63
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD12	6	0.63
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD13	6	0.63
(4,1151)	1:136:A:CYS:HA	1:140:A:LEU:HD21	3	0.63
(4,1151)	1:136:A:CYS:HA	1:140:A:LEU:HD22	3	0.63
(4,1151)	1:136:A:CYS:HA	1:140:A:LEU:HD23	3	0.63
(4,1015)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	8	0.63
(4,940)	1:11:A:ILE:HD11	1:12:A:VAL:HA	5	0.63
(4,940)	1:11:A:ILE:HD12	1:12:A:VAL:HA	5	0.63
(4,940)	1:11:A:ILE:HD13	1:12:A:VAL:HA	5	0.63
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	13	0.63
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	13	0.63
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	13	0.63
(4,908)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	15	0.63
(4,844)	1:68:A:LYS:HA	1:68:A:LYS:HE2	1	0.63
(4,844)	1:68:A:LYS:HA	1:68:A:LYS:HE3	1	0.63
(4,820)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	4	0.63
(4,820)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	4	0.63
(4,820)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	4	0.63
(4,820)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	4	0.63
(4,820)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	4	0.63
(4,820)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	4	0.63
(4,742)	1:38:A:GLU:H	1:41:A:LYS:HG2	4	0.63
(4,573)	1:128:A:LEU:HD21	1:130:A:GLY:H	3	0.63
(4,573)	1:128:A:LEU:HD22	1:130:A:GLY:H	3	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,573)	1:128:A:LEU:HD23	1:130:A:GLY:H	3	0.63
(4,377)	1:106:A:ASP:H	1:112:A:GLN:HE21	10	0.63
(4,228)	1:10:A:ASN:H	1:13:A:ALA:HB1	17	0.63
(4,228)	1:10:A:ASN:H	1:13:A:ALA:HB2	17	0.63
(4,228)	1:10:A:ASN:H	1:13:A:ALA:HB3	17	0.63
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB2	2	0.63
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB3	2	0.63
(3,2500)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	19	0.63
(3,2500)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	19	0.63
(3,2500)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	19	0.63
(3,2500)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	19	0.63
(3,2500)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	19	0.63
(3,2500)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	19	0.63
(3,2442)	1:129:A:LYS:HB2	1:133:A:ASN:HB2	17	0.63
(3,2442)	1:129:A:LYS:HB2	1:133:A:ASN:HB3	17	0.63
(3,2442)	1:129:A:LYS:HB3	1:133:A:ASN:HB2	17	0.63
(3,2442)	1:129:A:LYS:HB3	1:133:A:ASN:HB3	17	0.63
(3,2317)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	1	0.63
(3,2317)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	1	0.63
(3,2317)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	1	0.63
(3,2317)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	1	0.63
(3,2317)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	1	0.63
(3,2317)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	1	0.63
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD11	1	0.63
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD12	1	0.63
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD13	1	0.63
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD11	1	0.63
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD12	1	0.63
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD13	1	0.63
(3,2232)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	6	0.63
(3,2232)	1:60:A:LEU:HD11	1:122:A:ASP:HB3	6	0.63
(3,2232)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	6	0.63
(3,2232)	1:60:A:LEU:HD12	1:122:A:ASP:HB3	6	0.63
(3,2232)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	6	0.63
(3,2232)	1:60:A:LEU:HD13	1:122:A:ASP:HB3	6	0.63
(3,2232)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	6	0.63
(3,2232)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	6	0.63
(3,2232)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	6	0.63
(3,2232)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	6	0.63
(3,2232)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	6	0.63
(3,2232)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	6	0.63
(3,2171)	1:43:A:MET:HE1	1:46:A:ASN:HD21	10	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2171)	1:43:A:MET:HE1	1:46:A:ASN:HD22	10	0.63
(3,2171)	1:43:A:MET:HE2	1:46:A:ASN:HD21	10	0.63
(3,2171)	1:43:A:MET:HE2	1:46:A:ASN:HD22	10	0.63
(3,2171)	1:43:A:MET:HE3	1:46:A:ASN:HD21	10	0.63
(3,2171)	1:43:A:MET:HE3	1:46:A:ASN:HD22	10	0.63
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD21	13	0.63
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD22	13	0.63
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD23	13	0.63
(3,1758)	1:19:A:ALA:HB1	1:21:A:THR:HG21	18	0.63
(3,1758)	1:19:A:ALA:HB1	1:21:A:THR:HG22	18	0.63
(3,1758)	1:19:A:ALA:HB1	1:21:A:THR:HG23	18	0.63
(3,1758)	1:19:A:ALA:HB2	1:21:A:THR:HG21	18	0.63
(3,1758)	1:19:A:ALA:HB2	1:21:A:THR:HG22	18	0.63
(3,1758)	1:19:A:ALA:HB2	1:21:A:THR:HG23	18	0.63
(3,1758)	1:19:A:ALA:HB3	1:21:A:THR:HG21	18	0.63
(3,1758)	1:19:A:ALA:HB3	1:21:A:THR:HG22	18	0.63
(3,1758)	1:19:A:ALA:HB3	1:21:A:THR:HG23	18	0.63
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD2	16	0.63
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD3	16	0.63
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD2	16	0.63
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD3	16	0.63
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD2	16	0.63
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD3	16	0.63
(3,1723)	1:11:A:ILE:HG12	1:57:A:LEU:HB3	15	0.63
(3,1678)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	13	0.63
(3,1678)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	13	0.63
(3,1678)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	13	0.63
(3,1602)	1:11:A:ILE:HD11	1:131:A:LEU:HG	13	0.63
(3,1602)	1:11:A:ILE:HD12	1:131:A:LEU:HG	13	0.63
(3,1602)	1:11:A:ILE:HD13	1:131:A:LEU:HG	13	0.63
(3,1594)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	10	0.63
(3,1594)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	10	0.63
(3,1594)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	10	0.63
(3,1542)	1:69:A:MET:HE1	1:115:A:ALA:H	11	0.63
(3,1542)	1:69:A:MET:HE2	1:115:A:ALA:H	11	0.63
(3,1542)	1:69:A:MET:HE3	1:115:A:ALA:H	11	0.63
(3,1483)	1:13:A:ALA:HB1	1:61:A:SER:HA	17	0.63
(3,1483)	1:13:A:ALA:HB2	1:61:A:SER:HA	17	0.63
(3,1483)	1:13:A:ALA:HB3	1:61:A:SER:HA	17	0.63
(3,1104)	1:48:A:ARG:HG2	1:49:A:LYS:HA	13	0.63
(3,1104)	1:48:A:ARG:HG3	1:49:A:LYS:HA	13	0.63
(3,1008)	1:63:A:ILE:HA	1:64:A:LYS:HD2	9	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1008)	1:63:A:ILE:HA	1:64:A:LYS:HD3	9	0.63
(3,864)	1:68:A:LYS:HA	1:68:A:LYS:HE2	1	0.63
(3,864)	1:68:A:LYS:HA	1:68:A:LYS:HE3	1	0.63
(3,846)	1:114:A:ILE:HA	1:114:A:ILE:HD11	6	0.63
(3,846)	1:114:A:ILE:HA	1:114:A:ILE:HD12	6	0.63
(3,846)	1:114:A:ILE:HA	1:114:A:ILE:HD13	6	0.63
(3,778)	1:101:A:ILE:HD11	1:118:A:ASP:HB3	10	0.63
(3,778)	1:101:A:ILE:HD12	1:118:A:ASP:HB3	10	0.63
(3,778)	1:101:A:ILE:HD13	1:118:A:ASP:HB3	10	0.63
(3,766)	1:38:A:GLU:H	1:41:A:LYS:HG2	4	0.63
(3,692)	1:145:A:PRO:HB3	1:148:A:CYS:H	6	0.63
(3,692)	1:145:A:PRO:HB3	1:148:A:CYS:H	14	0.63
(3,633)	1:57:A:LEU:H	1:58:A:ILE:HD11	13	0.63
(3,633)	1:57:A:LEU:H	1:58:A:ILE:HD12	13	0.63
(3,633)	1:57:A:LEU:H	1:58:A:ILE:HD13	13	0.63
(3,390)	1:106:A:ASP:H	1:112:A:GLN:HE21	10	0.63
(3,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	1	0.63
(3,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	1	0.63
(3,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	1	0.63
(3,111)	1:21:A:THR:HB	1:22:A:ASP:H	18	0.63
(2,2464)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	19	0.63
(2,2464)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	19	0.63
(2,2464)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	19	0.63
(2,2464)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	19	0.63
(2,2464)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	19	0.63
(2,2464)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	19	0.63
(2,2195)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	6	0.63
(2,2195)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	6	0.63
(2,2195)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	6	0.63
(2,2195)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	6	0.63
(2,2195)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	6	0.63
(2,2195)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	6	0.63
(2,2195)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	6	0.63
(2,2195)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	6	0.63
(2,2195)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	6	0.63
(2,2195)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	6	0.63
(2,2195)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	6	0.63
(2,2195)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	6	0.63
(2,2195)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	6	0.63
(2,2195)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	6	0.63
(2,2195)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	6	0.63
(2,2195)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	6	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2195)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	6	0.63
(2,2195)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	6	0.63
(2,2054)	1:23:A:LEU:HD11	1:24:A:ASP:H	18	0.63
(2,2054)	1:23:A:LEU:HD12	1:24:A:ASP:H	18	0.63
(2,2054)	1:23:A:LEU:HD13	1:24:A:ASP:H	18	0.63
(2,2054)	1:23:A:LEU:HD21	1:24:A:ASP:H	18	0.63
(2,2054)	1:23:A:LEU:HD22	1:24:A:ASP:H	18	0.63
(2,2054)	1:23:A:LEU:HD23	1:24:A:ASP:H	18	0.63
(2,1804)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	14	0.63
(2,1804)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	14	0.63
(2,1751)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	5	0.63
(2,1751)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	5	0.63
(2,1751)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	5	0.63
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG21	5	0.63
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG22	5	0.63
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG23	5	0.63
(2,1583)	1:11:A:ILE:HD11	1:131:A:LEU:HG	13	0.63
(2,1583)	1:11:A:ILE:HD12	1:131:A:LEU:HG	13	0.63
(2,1583)	1:11:A:ILE:HD13	1:131:A:LEU:HG	13	0.63
(2,1519)	1:69:A:MET:HE1	1:115:A:ALA:H	11	0.63
(2,1519)	1:69:A:MET:HE2	1:115:A:ALA:H	11	0.63
(2,1519)	1:69:A:MET:HE3	1:115:A:ALA:H	11	0.63
(2,1467)	1:13:A:ALA:HB1	1:79:A:THR:HB	10	0.63
(2,1467)	1:13:A:ALA:HB2	1:79:A:THR:HB	10	0.63
(2,1467)	1:13:A:ALA:HB3	1:79:A:THR:HB	10	0.63
(2,1401)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	14	0.63
(2,1401)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	14	0.63
(2,1401)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	14	0.63
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD11	6	0.63
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD12	6	0.63
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD13	6	0.63
(2,1163)	1:136:A:CYS:HA	1:140:A:LEU:HD21	3	0.63
(2,1163)	1:136:A:CYS:HA	1:140:A:LEU:HD22	3	0.63
(2,1163)	1:136:A:CYS:HA	1:140:A:LEU:HD23	3	0.63
(2,919)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	16	0.63
(2,919)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	16	0.63
(2,919)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	16	0.63
(2,919)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	16	0.63
(2,842)	1:68:A:LYS:HA	1:68:A:LYS:HE2	1	0.63
(2,842)	1:68:A:LYS:HA	1:68:A:LYS:HE3	1	0.63
(2,827)	1:114:A:ILE:HA	1:114:A:ILE:HD11	6	0.63
(2,827)	1:114:A:ILE:HA	1:114:A:ILE:HD12	6	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,827)	1:114:A:ILE:HA	1:114:A:ILE:HD13	6	0.63
(2,748)	1:38:A:GLU:H	1:41:A:LYS:HG2	4	0.63
(2,696)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	15	0.63
(2,696)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	15	0.63
(2,560)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	1	0.63
(2,532)	1:124:A:THR:H	1:127:A:CYS:HA	2	0.63
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD11	15	0.63
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD12	15	0.63
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD13	15	0.63
(2,89)	1:96:A:VAL:H	1:97:A:ASP:H	2	0.63
(2,67)	1:13:A:ALA:HB1	1:81:A:GLU:H	2	0.63
(2,67)	1:13:A:ALA:HB2	1:81:A:GLU:H	2	0.63
(2,67)	1:13:A:ALA:HB3	1:81:A:GLU:H	2	0.63
(1,2254)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	14	0.63
(1,2254)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	14	0.63
(1,2208)	1:65:A:CYS:HB2	1:69:A:MET:HE1	12	0.63
(1,2208)	1:65:A:CYS:HB2	1:69:A:MET:HE2	12	0.63
(1,2208)	1:65:A:CYS:HB2	1:69:A:MET:HE3	12	0.63
(1,2208)	1:65:A:CYS:HB3	1:69:A:MET:HE1	12	0.63
(1,2208)	1:65:A:CYS:HB3	1:69:A:MET:HE2	12	0.63
(1,2208)	1:65:A:CYS:HB3	1:69:A:MET:HE3	12	0.63
(1,2055)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	13	0.63
(1,2055)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	13	0.63
(1,2055)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	13	0.63
(1,2055)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	13	0.63
(1,2055)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	13	0.63
(1,2055)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	13	0.63
(1,2055)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	13	0.63
(1,2055)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	13	0.63
(1,2055)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	13	0.63
(1,2055)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	13	0.63
(1,2055)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	13	0.63
(1,2055)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	13	0.63
(1,1970)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	9	0.63
(1,1970)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	9	0.63
(1,1970)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	9	0.63
(1,1970)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	9	0.63
(1,1970)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	9	0.63
(1,1970)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	9	0.63
(1,1970)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	9	0.63
(1,1970)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	9	0.63
(1,1970)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	9	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1970)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	9	0.63
(1,1970)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	9	0.63
(1,1970)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	9	0.63
(1,1949)	1:11:A:ILE:HB	1:40:A:LEU:HD11	13	0.63
(1,1949)	1:11:A:ILE:HB	1:40:A:LEU:HD12	13	0.63
(1,1949)	1:11:A:ILE:HB	1:40:A:LEU:HD13	13	0.63
(1,1949)	1:11:A:ILE:HB	1:40:A:LEU:HD21	13	0.63
(1,1949)	1:11:A:ILE:HB	1:40:A:LEU:HD22	13	0.63
(1,1949)	1:11:A:ILE:HB	1:40:A:LEU:HD23	13	0.63
(1,1894)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	13	0.63
(1,1894)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	13	0.63
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	8	0.63
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	8	0.63
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	8	0.63
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	8	0.63
(1,1794)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	14	0.63
(1,1794)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	14	0.63
(1,1598)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	7	0.63
(1,1598)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	7	0.63
(1,1598)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	7	0.63
(1,1583)	1:11:A:ILE:HD11	1:131:A:LEU:HG	13	0.63
(1,1583)	1:11:A:ILE:HD12	1:131:A:LEU:HG	13	0.63
(1,1583)	1:11:A:ILE:HD13	1:131:A:LEU:HG	13	0.63
(1,1580)	1:11:A:ILE:HD11	1:14:A:VAL:H	14	0.63
(1,1580)	1:11:A:ILE:HD12	1:14:A:VAL:H	14	0.63
(1,1580)	1:11:A:ILE:HD13	1:14:A:VAL:H	14	0.63
(1,1260)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	2	0.63
(1,1260)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	2	0.63
(1,1260)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	2	0.63
(1,1260)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	2	0.63
(1,1260)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	2	0.63
(1,1260)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	2	0.63
(1,1260)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	2	0.63
(1,1260)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	2	0.63
(1,1260)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	2	0.63
(1,1229)	1:143:A:TRP:H	1:144:A:LEU:HD21	16	0.63
(1,1229)	1:143:A:TRP:H	1:144:A:LEU:HD22	16	0.63
(1,1229)	1:143:A:TRP:H	1:144:A:LEU:HD23	16	0.63
(1,1014)	1:63:A:ILE:HA	1:64:A:LYS:HD2	9	0.63
(1,1014)	1:63:A:ILE:HA	1:64:A:LYS:HD3	9	0.63
(1,952)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	16	0.63
(1,952)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	16	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,952)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	16	0.63
(1,952)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	16	0.63
(1,940)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	7	0.63
(1,940)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	7	0.63
(1,940)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	7	0.63
(1,939)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	14	0.63
(1,939)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	14	0.63
(1,939)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	14	0.63
(1,705)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	15	0.63
(1,705)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	15	0.63
(1,391)	1:106:A:ASP:H	1:112:A:GLN:HE21	10	0.63
(34,2301)	1:98:A:ILE:HG12	1:116:A:GLN:H	16	0.62
(34,2301)	1:98:A:ILE:HG13	1:116:A:GLN:H	16	0.62
(34,2299)	1:98:A:ILE:HG12	1:101:A:ILE:HB	19	0.62
(34,2299)	1:98:A:ILE:HG13	1:101:A:ILE:HB	19	0.62
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE1	8	0.62
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE2	8	0.62
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE3	8	0.62
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE1	8	0.62
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE2	8	0.62
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE3	8	0.62
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE1	8	0.62
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE2	8	0.62
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE3	8	0.62
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE1	8	0.62
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE2	8	0.62
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE3	8	0.62
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE1	8	0.62
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE2	8	0.62
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE3	8	0.62
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE1	8	0.62
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE2	8	0.62
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE3	8	0.62
(34,2047)	1:23:A:LEU:HD11	1:24:A:ASP:H	1	0.62
(34,2047)	1:23:A:LEU:HD12	1:24:A:ASP:H	1	0.62
(34,2047)	1:23:A:LEU:HD13	1:24:A:ASP:H	1	0.62
(34,2047)	1:23:A:LEU:HD21	1:24:A:ASP:H	1	0.62
(34,2047)	1:23:A:LEU:HD22	1:24:A:ASP:H	1	0.62
(34,2047)	1:23:A:LEU:HD23	1:24:A:ASP:H	1	0.62
(34,2042)	1:21:A:THR:HG21	1:23:A:LEU:HD11	10	0.62
(34,2042)	1:21:A:THR:HG21	1:23:A:LEU:HD12	10	0.62
(34,2042)	1:21:A:THR:HG21	1:23:A:LEU:HD13	10	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2042)	1:21:A:THR:HG21	1:23:A:LEU:HD21	10	0.62
(34,2042)	1:21:A:THR:HG21	1:23:A:LEU:HD22	10	0.62
(34,2042)	1:21:A:THR:HG21	1:23:A:LEU:HD23	10	0.62
(34,2042)	1:21:A:THR:HG22	1:23:A:LEU:HD11	10	0.62
(34,2042)	1:21:A:THR:HG22	1:23:A:LEU:HD12	10	0.62
(34,2042)	1:21:A:THR:HG22	1:23:A:LEU:HD13	10	0.62
(34,2042)	1:21:A:THR:HG22	1:23:A:LEU:HD21	10	0.62
(34,2042)	1:21:A:THR:HG22	1:23:A:LEU:HD22	10	0.62
(34,2042)	1:21:A:THR:HG22	1:23:A:LEU:HD23	10	0.62
(34,2042)	1:21:A:THR:HG23	1:23:A:LEU:HD11	10	0.62
(34,2042)	1:21:A:THR:HG23	1:23:A:LEU:HD12	10	0.62
(34,2042)	1:21:A:THR:HG23	1:23:A:LEU:HD13	10	0.62
(34,2042)	1:21:A:THR:HG23	1:23:A:LEU:HD21	10	0.62
(34,2042)	1:21:A:THR:HG23	1:23:A:LEU:HD22	10	0.62
(34,2042)	1:21:A:THR:HG23	1:23:A:LEU:HD23	10	0.62
(34,2019)	1:17:A:ASN:HB2	1:113:A:PHE:HE1	12	0.62
(34,2019)	1:17:A:ASN:HB2	1:113:A:PHE:HE2	12	0.62
(34,2019)	1:17:A:ASN:HB3	1:113:A:PHE:HE1	12	0.62
(34,2019)	1:17:A:ASN:HB3	1:113:A:PHE:HE2	12	0.62
(34,1968)	1:12:A:VAL:HA	1:40:A:LEU:HD11	3	0.62
(34,1968)	1:12:A:VAL:HA	1:40:A:LEU:HD12	3	0.62
(34,1968)	1:12:A:VAL:HA	1:40:A:LEU:HD13	3	0.62
(34,1968)	1:12:A:VAL:HA	1:40:A:LEU:HD21	3	0.62
(34,1968)	1:12:A:VAL:HA	1:40:A:LEU:HD22	3	0.62
(34,1968)	1:12:A:VAL:HA	1:40:A:LEU:HD23	3	0.62
(34,1953)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	10	0.62
(34,1953)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	10	0.62
(34,1953)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	10	0.62
(34,1953)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	10	0.62
(34,1953)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	10	0.62
(34,1953)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	10	0.62
(34,1917)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	10	0.62
(34,1917)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	10	0.62
(34,1900)	1:18:A:PHE:HE1	1:131:A:LEU:H	18	0.62
(34,1900)	1:18:A:PHE:HE2	1:131:A:LEU:H	18	0.62
(34,1832)	1:9:A:PHE:HZ	1:44:A:GLU:HB2	10	0.62
(34,1832)	1:9:A:PHE:HZ	1:44:A:GLU:HB3	10	0.62
(34,1735)	1:19:A:ALA:HB1	1:21:A:THR:HG21	18	0.62
(34,1735)	1:19:A:ALA:HB1	1:21:A:THR:HG22	18	0.62
(34,1735)	1:19:A:ALA:HB1	1:21:A:THR:HG23	18	0.62
(34,1735)	1:19:A:ALA:HB2	1:21:A:THR:HG21	18	0.62
(34,1735)	1:19:A:ALA:HB2	1:21:A:THR:HG22	18	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1735)	1:19:A:ALA:HB2	1:21:A:THR:HG23	18	0.62
(34,1735)	1:19:A:ALA:HB3	1:21:A:THR:HG21	18	0.62
(34,1735)	1:19:A:ALA:HB3	1:21:A:THR:HG22	18	0.62
(34,1735)	1:19:A:ALA:HB3	1:21:A:THR:HG23	18	0.62
(34,1533)	1:69:A:MET:HE1	1:115:A:ALA:H	10	0.62
(34,1533)	1:69:A:MET:HE2	1:115:A:ALA:H	10	0.62
(34,1533)	1:69:A:MET:HE3	1:115:A:ALA:H	10	0.62
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG21	19	0.62
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG22	19	0.62
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG23	19	0.62
(34,1305)	1:44:A:GLU:HG2	1:45:A:ALA:HA	16	0.62
(34,1188)	1:34:A:LYS:HG2	1:35:A:LEU:H	19	0.62
(34,1188)	1:34:A:LYS:HG3	1:35:A:LEU:H	19	0.62
(34,988)	1:138:A:ASP:HA	1:141:A:LYS:HB2	14	0.62
(34,988)	1:138:A:ASP:HA	1:141:A:LYS:HB3	14	0.62
(34,899)	1:151:A:PHE:H	1:151:A:PHE:HB3	18	0.62
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	6	0.62
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	6	0.62
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	6	0.62
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	6	0.62
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	6	0.62
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	6	0.62
(34,715)	1:23:A:LEU:HB2	1:27:A:ARG:HE	11	0.62
(34,715)	1:23:A:LEU:HB3	1:27:A:ARG:HE	11	0.62
(34,705)	1:98:A:ILE:H	1:104:A:PHE:H	3	0.62
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD21	8	0.62
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD22	8	0.62
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD23	8	0.62
(34,572)	1:10:A:ASN:HD21	1:11:A:ILE:HB	16	0.62
(34,302)	1:43:A:MET:H	1:43:A:MET:HG3	8	0.62
(34,149)	1:59:A:CYS:H	1:60:A:LEU:HD21	3	0.62
(34,149)	1:59:A:CYS:H	1:60:A:LEU:HD22	3	0.62
(34,149)	1:59:A:CYS:H	1:60:A:LEU:HD23	3	0.62
(34,7)	1:64:A:LYS:H	1:116:A:GLN:HE21	8	0.62
(33,2205)	1:60:A:LEU:HD11	1:120:A:CYS:HA	4	0.62
(33,2205)	1:60:A:LEU:HD12	1:120:A:CYS:HA	4	0.62
(33,2205)	1:60:A:LEU:HD13	1:120:A:CYS:HA	4	0.62
(33,2205)	1:60:A:LEU:HD21	1:120:A:CYS:HA	4	0.62
(33,2205)	1:60:A:LEU:HD22	1:120:A:CYS:HA	4	0.62
(33,2205)	1:60:A:LEU:HD23	1:120:A:CYS:HA	4	0.62
(33,2018)	1:18:A:PHE:HB2	1:132:A:ALA:HA	18	0.62
(33,2018)	1:18:A:PHE:HB3	1:132:A:ALA:HA	18	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1962)	1:12:A:VAL:HA	1:40:A:LEU:HD11	3	0.62
(33,1962)	1:12:A:VAL:HA	1:40:A:LEU:HD12	3	0.62
(33,1962)	1:12:A:VAL:HA	1:40:A:LEU:HD13	3	0.62
(33,1962)	1:12:A:VAL:HA	1:40:A:LEU:HD21	3	0.62
(33,1962)	1:12:A:VAL:HA	1:40:A:LEU:HD22	3	0.62
(33,1962)	1:12:A:VAL:HA	1:40:A:LEU:HD23	3	0.62
(33,1892)	1:18:A:PHE:HE1	1:131:A:LEU:H	18	0.62
(33,1892)	1:18:A:PHE:HE2	1:131:A:LEU:H	18	0.62
(33,1847)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	16	0.62
(33,1847)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	16	0.62
(33,1847)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	16	0.62
(33,1847)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	16	0.62
(33,1818)	1:9:A:PHE:HZ	1:44:A:GLU:HB2	10	0.62
(33,1818)	1:9:A:PHE:HZ	1:44:A:GLU:HB3	10	0.62
(33,1764)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	3	0.62
(33,1764)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	3	0.62
(33,1764)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	3	0.62
(33,1567)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	6	0.62
(33,1567)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	6	0.62
(33,1567)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	6	0.62
(33,1567)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	6	0.62
(33,1567)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	6	0.62
(33,1567)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	6	0.62
(33,1567)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	6	0.62
(33,1567)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	6	0.62
(33,1567)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	6	0.62
(33,1509)	1:69:A:MET:HE1	1:115:A:ALA:H	5	0.62
(33,1509)	1:69:A:MET:HE2	1:115:A:ALA:H	5	0.62
(33,1509)	1:69:A:MET:HE3	1:115:A:ALA:H	5	0.62
(33,1470)	1:95:A:ILE:HG21	1:97:A:ASP:H	18	0.62
(33,1470)	1:95:A:ILE:HG22	1:97:A:ASP:H	18	0.62
(33,1470)	1:95:A:ILE:HG23	1:97:A:ASP:H	18	0.62
(33,1431)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	3	0.62
(33,1431)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	3	0.62
(33,1431)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	3	0.62
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	9	0.62
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	9	0.62
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	9	0.62
(33,1284)	1:44:A:GLU:HG2	1:45:A:ALA:HA	16	0.62
(33,1166)	1:34:A:LYS:HG2	1:35:A:LEU:H	19	0.62
(33,1166)	1:34:A:LYS:HG3	1:35:A:LEU:H	19	0.62
(33,881)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	9	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,881)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	9	0.62
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD11	13	0.62
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD12	13	0.62
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD13	13	0.62
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD21	13	0.62
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD22	13	0.62
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD23	13	0.62
(32,2263)	1:74:A:PRO:HA	1:77:A:CYS:HB2	7	0.62
(32,2263)	1:74:A:PRO:HA	1:77:A:CYS:HB3	7	0.62
(32,2203)	1:62:A:HIS:H	1:63:A:ILE:HG12	11	0.62
(32,2203)	1:62:A:HIS:H	1:63:A:ILE:HG13	11	0.62
(32,2134)	1:43:A:MET:HE1	1:46:A:ASN:HB2	8	0.62
(32,2134)	1:43:A:MET:HE1	1:46:A:ASN:HB3	8	0.62
(32,2134)	1:43:A:MET:HE2	1:46:A:ASN:HB2	8	0.62
(32,2134)	1:43:A:MET:HE2	1:46:A:ASN:HB3	8	0.62
(32,2134)	1:43:A:MET:HE3	1:46:A:ASN:HB2	8	0.62
(32,2134)	1:43:A:MET:HE3	1:46:A:ASN:HB3	8	0.62
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD11	2	0.62
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD12	2	0.62
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD13	2	0.62
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD21	2	0.62
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD22	2	0.62
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD23	2	0.62
(32,1999)	1:21:A:THR:HG21	1:23:A:LEU:HD11	10	0.62
(32,1999)	1:21:A:THR:HG21	1:23:A:LEU:HD12	10	0.62
(32,1999)	1:21:A:THR:HG21	1:23:A:LEU:HD13	10	0.62
(32,1999)	1:21:A:THR:HG21	1:23:A:LEU:HD21	10	0.62
(32,1999)	1:21:A:THR:HG21	1:23:A:LEU:HD22	10	0.62
(32,1999)	1:21:A:THR:HG21	1:23:A:LEU:HD23	10	0.62
(32,1999)	1:21:A:THR:HG22	1:23:A:LEU:HD11	10	0.62
(32,1999)	1:21:A:THR:HG22	1:23:A:LEU:HD12	10	0.62
(32,1999)	1:21:A:THR:HG22	1:23:A:LEU:HD13	10	0.62
(32,1999)	1:21:A:THR:HG22	1:23:A:LEU:HD21	10	0.62
(32,1999)	1:21:A:THR:HG22	1:23:A:LEU:HD22	10	0.62
(32,1999)	1:21:A:THR:HG22	1:23:A:LEU:HD23	10	0.62
(32,1999)	1:21:A:THR:HG23	1:23:A:LEU:HD11	10	0.62
(32,1999)	1:21:A:THR:HG23	1:23:A:LEU:HD12	10	0.62
(32,1999)	1:21:A:THR:HG23	1:23:A:LEU:HD13	10	0.62
(32,1999)	1:21:A:THR:HG23	1:23:A:LEU:HD21	10	0.62
(32,1999)	1:21:A:THR:HG23	1:23:A:LEU:HD22	10	0.62
(32,1999)	1:21:A:THR:HG23	1:23:A:LEU:HD23	10	0.62
(32,1987)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	7	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1987)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	7	0.62
(32,1987)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	7	0.62
(32,1987)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	7	0.62
(32,1987)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	7	0.62
(32,1987)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	7	0.62
(32,1938)	1:12:A:VAL:HG11	1:43:A:MET:HB2	13	0.62
(32,1938)	1:12:A:VAL:HG12	1:43:A:MET:HB2	13	0.62
(32,1938)	1:12:A:VAL:HG13	1:43:A:MET:HB2	13	0.62
(32,1938)	1:12:A:VAL:HG21	1:43:A:MET:HB2	13	0.62
(32,1938)	1:12:A:VAL:HG22	1:43:A:MET:HB2	13	0.62
(32,1938)	1:12:A:VAL:HG23	1:43:A:MET:HB2	13	0.62
(32,1911)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	15	0.62
(32,1911)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	15	0.62
(32,1911)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	15	0.62
(32,1911)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	15	0.62
(32,1859)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	16	0.62
(32,1859)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	16	0.62
(32,1859)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	16	0.62
(32,1859)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	16	0.62
(32,1859)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	16	0.62
(32,1859)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	16	0.62
(32,1858)	1:18:A:PHE:HE1	1:131:A:LEU:H	18	0.62
(32,1858)	1:18:A:PHE:HE2	1:131:A:LEU:H	18	0.62
(32,1785)	1:9:A:PHE:HZ	1:44:A:GLU:HB2	10	0.62
(32,1785)	1:9:A:PHE:HZ	1:44:A:GLU:HB3	10	0.62
(32,1729)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	17	0.62
(32,1729)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	17	0.62
(32,1729)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	17	0.62
(32,1720)	1:140:A:LEU:HD21	1:143:A:TRP:H	4	0.62
(32,1720)	1:140:A:LEU:HD22	1:143:A:TRP:H	4	0.62
(32,1720)	1:140:A:LEU:HD23	1:143:A:TRP:H	4	0.62
(32,1707)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	9	0.62
(32,1707)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	9	0.62
(32,1695)	1:31:A:PRO:HB2	1:35:A:LEU:HA	19	0.62
(32,1695)	1:31:A:PRO:HB3	1:35:A:LEU:HA	19	0.62
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	5	0.62
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	5	0.62
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	5	0.62
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	5	0.62
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	5	0.62
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	5	0.62
(32,1478)	1:69:A:MET:HE1	1:115:A:ALA:H	10	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1478)	1:69:A:MET:HE2	1:115:A:ALA:H	10	0.62
(32,1478)	1:69:A:MET:HE3	1:115:A:ALA:H	10	0.62
(32,1039)	1:54:A:ARG:HA	1:58:A:ILE:HG13	8	0.62
(32,961)	1:105:A:LYS:HD2	1:107:A:LEU:H	15	0.62
(32,961)	1:105:A:LYS:HD3	1:107:A:LEU:H	15	0.62
(32,958)	1:104:A:PHE:H	1:105:A:LYS:HD2	19	0.62
(32,958)	1:104:A:PHE:H	1:105:A:LYS:HD3	19	0.62
(32,799)	1:98:A:ILE:HD11	1:101:A:ILE:HB	18	0.62
(32,799)	1:98:A:ILE:HD12	1:101:A:ILE:HB	18	0.62
(32,799)	1:98:A:ILE:HD13	1:101:A:ILE:HB	18	0.62
(30,2345)	1:107:A:LEU:HD11	1:112:A:GLN:H	5	0.62
(30,2345)	1:107:A:LEU:HD12	1:112:A:GLN:H	5	0.62
(30,2345)	1:107:A:LEU:HD13	1:112:A:GLN:H	5	0.62
(30,2345)	1:107:A:LEU:HD21	1:112:A:GLN:H	5	0.62
(30,2345)	1:107:A:LEU:HD22	1:112:A:GLN:H	5	0.62
(30,2345)	1:107:A:LEU:HD23	1:112:A:GLN:H	5	0.62
(30,2027)	1:21:A:THR:HG21	1:23:A:LEU:HD11	10	0.62
(30,2027)	1:21:A:THR:HG21	1:23:A:LEU:HD12	10	0.62
(30,2027)	1:21:A:THR:HG21	1:23:A:LEU:HD13	10	0.62
(30,2027)	1:21:A:THR:HG21	1:23:A:LEU:HD21	10	0.62
(30,2027)	1:21:A:THR:HG21	1:23:A:LEU:HD22	10	0.62
(30,2027)	1:21:A:THR:HG21	1:23:A:LEU:HD23	10	0.62
(30,2027)	1:21:A:THR:HG22	1:23:A:LEU:HD11	10	0.62
(30,2027)	1:21:A:THR:HG22	1:23:A:LEU:HD12	10	0.62
(30,2027)	1:21:A:THR:HG22	1:23:A:LEU:HD13	10	0.62
(30,2027)	1:21:A:THR:HG22	1:23:A:LEU:HD21	10	0.62
(30,2027)	1:21:A:THR:HG22	1:23:A:LEU:HD22	10	0.62
(30,2027)	1:21:A:THR:HG22	1:23:A:LEU:HD23	10	0.62
(30,2027)	1:21:A:THR:HG23	1:23:A:LEU:HD11	10	0.62
(30,2027)	1:21:A:THR:HG23	1:23:A:LEU:HD12	10	0.62
(30,2027)	1:21:A:THR:HG23	1:23:A:LEU:HD13	10	0.62
(30,2027)	1:21:A:THR:HG23	1:23:A:LEU:HD21	10	0.62
(30,2027)	1:21:A:THR:HG23	1:23:A:LEU:HD22	10	0.62
(30,2027)	1:21:A:THR:HG23	1:23:A:LEU:HD23	10	0.62
(30,1967)	1:12:A:VAL:HA	1:40:A:LEU:HD11	3	0.62
(30,1967)	1:12:A:VAL:HA	1:40:A:LEU:HD12	3	0.62
(30,1967)	1:12:A:VAL:HA	1:40:A:LEU:HD13	3	0.62
(30,1967)	1:12:A:VAL:HA	1:40:A:LEU:HD21	3	0.62
(30,1967)	1:12:A:VAL:HA	1:40:A:LEU:HD22	3	0.62
(30,1967)	1:12:A:VAL:HA	1:40:A:LEU:HD23	3	0.62
(30,1913)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	17	0.62
(30,1913)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	17	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1913)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	17	0.62
(30,1913)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	17	0.62
(30,1913)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	17	0.62
(30,1913)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	17	0.62
(30,1894)	1:18:A:PHE:HE1	1:131:A:LEU:H	18	0.62
(30,1894)	1:18:A:PHE:HE2	1:131:A:LEU:H	18	0.62
(30,1821)	1:9:A:PHE:HZ	1:44:A:GLU:HB2	10	0.62
(30,1821)	1:9:A:PHE:HZ	1:44:A:GLU:HB3	10	0.62
(30,1744)	1:18:A:PHE:HB2	1:132:A:ALA:HA	12	0.62
(30,1744)	1:18:A:PHE:HB3	1:132:A:ALA:HA	12	0.62
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE1	16	0.62
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE2	16	0.62
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE3	16	0.62
(30,1444)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	8	0.62
(30,1444)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	8	0.62
(30,1271)	1:44:A:GLU:HG2	1:45:A:ALA:HA	16	0.62
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD11	8	0.62
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD12	8	0.62
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD13	8	0.62
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD11	8	0.62
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD12	8	0.62
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD13	8	0.62
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD11	8	0.62
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD12	8	0.62
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD13	8	0.62
(30,1153)	1:13:A:ALA:HB1	1:80:A:TYR:HA	3	0.62
(30,1153)	1:13:A:ALA:HB2	1:80:A:TYR:HA	3	0.62
(30,1153)	1:13:A:ALA:HB3	1:80:A:TYR:HA	3	0.62
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	6	0.62
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	6	0.62
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	6	0.62
(30,836)	1:103:A:ARG:HA	1:103:A:ARG:HD2	1	0.62
(30,836)	1:103:A:ARG:HA	1:103:A:ARG:HD3	1	0.62
(30,698)	1:98:A:ILE:H	1:104:A:PHE:H	3	0.62
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD21	8	0.62
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD22	8	0.62
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD23	8	0.62
(30,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	10	0.62
(30,145)	1:59:A:CYS:H	1:60:A:LEU:HD21	3	0.62
(30,145)	1:59:A:CYS:H	1:60:A:LEU:HD22	3	0.62
(30,145)	1:59:A:CYS:H	1:60:A:LEU:HD23	3	0.62
(30,62)	1:80:A:TYR:HA	1:81:A:GLU:H	7	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,62)	1:80:A:TYR:HA	1:81:A:GLU:H	10	0.62
(30,62)	1:80:A:TYR:HA	1:81:A:GLU:H	11	0.62
(30,62)	1:80:A:TYR:HA	1:81:A:GLU:H	19	0.62
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD11	2	0.62
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD12	2	0.62
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD13	2	0.62
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD21	2	0.62
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD22	2	0.62
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD23	2	0.62
(29,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD11	3	0.62
(29,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD12	3	0.62
(29,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD13	3	0.62
(29,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD21	3	0.62
(29,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD22	3	0.62
(29,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD23	3	0.62
(29,1946)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	17	0.62
(29,1946)	1:9:A:PHE:HD1	1:11:A:ILE:HG13	17	0.62
(29,1946)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	17	0.62
(29,1946)	1:9:A:PHE:HD2	1:11:A:ILE:HG13	17	0.62
(29,1911)	1:18:A:PHE:HE1	1:131:A:LEU:H	18	0.62
(29,1911)	1:18:A:PHE:HE2	1:131:A:LEU:H	18	0.62
(29,1839)	1:9:A:PHE:HZ	1:44:A:GLU:HB2	10	0.62
(29,1839)	1:9:A:PHE:HZ	1:44:A:GLU:HB3	10	0.62
(29,1680)	1:69:A:MET:HE1	1:116:A:GLN:HG3	10	0.62
(29,1680)	1:69:A:MET:HE2	1:116:A:GLN:HG3	10	0.62
(29,1680)	1:69:A:MET:HE3	1:116:A:GLN:HG3	10	0.62
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB2	6	0.62
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB3	6	0.62
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB2	6	0.62
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB3	6	0.62
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB2	6	0.62
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB3	6	0.62
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB2	10	0.62
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB3	10	0.62
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB2	10	0.62
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB3	10	0.62
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB2	10	0.62
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB3	10	0.62
(29,1287)	1:44:A:GLU:HG2	1:45:A:ALA:HA	16	0.62
(29,1019)	1:27:A:ARG:HB2	1:28:A:GLY:H	17	0.62
(29,572)	1:63:A:ILE:HG21	1:116:A:GLN:H	8	0.62
(29,572)	1:63:A:ILE:HG22	1:116:A:GLN:H	8	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,572)	1:63:A:ILE:HG23	1:116:A:GLN:H	8	0.62
(29,296)	1:43:A:MET:H	1:43:A:MET:HG3	15	0.62
(29,10)	1:64:A:LYS:H	1:116:A:GLN:HE21	8	0.62
(23,21)	1:129:A:LYS:N	1:125:A:THR:O	2	0.62
(23,21)	1:129:A:LYS:N	1:125:A:THR:O	17	0.62
(23,21)	1:129:A:LYS:N	1:125:A:THR:O	18	0.62
(23,20)	1:128:A:LEU:N	1:124:A:THR:O	6	0.62
(23,19)	1:120:A:CYS:N	1:116:A:GLN:O	15	0.62
(23,16)	1:117:A:VAL:N	1:113:A:PHE:O	6	0.62
(23,10)	1:101:A:ILE:N	1:98:A:ILE:O	15	0.62
(22,40)	1:128:A:LEU:N	1:124:A:THR:C	9	0.62
(22,40)	1:128:A:LEU:N	1:124:A:THR:C	19	0.62
(22,36)	1:119:A:LEU:N	1:115:A:ALA:C	6	0.62
(22,35)	1:119:A:LEU:H	1:115:A:ALA:C	9	0.62
(22,33)	1:118:A:ASP:H	1:114:A:ILE:C	3	0.62
(22,33)	1:118:A:ASP:H	1:114:A:ILE:C	14	0.62
(22,31)	1:117:A:VAL:H	1:113:A:PHE:C	17	0.62
(22,17)	1:73:A:ILE:H	1:69:A:MET:C	7	0.62
(22,5)	1:44:A:GLU:H	1:40:A:LEU:C	16	0.62
(22,1)	1:17:A:ASN:H	1:13:A:ALA:C	1	0.62
(19,16)	1:52:A:CYS:SG	1:56:A:CYS:CB	19	0.62
(18,2317)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	17	0.62
(18,2317)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	17	0.62
(18,2317)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	17	0.62
(18,2317)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	17	0.62
(18,2317)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	17	0.62
(18,2317)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	17	0.62
(18,2317)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	17	0.62
(18,2317)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	17	0.62
(18,2317)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	17	0.62
(18,2317)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	17	0.62
(18,2317)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	17	0.62
(18,2317)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	17	0.62
(18,2224)	1:60:A:LEU:HD11	1:122:A:ASP:H	6	0.62
(18,2224)	1:60:A:LEU:HD12	1:122:A:ASP:H	6	0.62
(18,2224)	1:60:A:LEU:HD13	1:122:A:ASP:H	6	0.62
(18,2224)	1:60:A:LEU:HD21	1:122:A:ASP:H	6	0.62
(18,2224)	1:60:A:LEU:HD22	1:122:A:ASP:H	6	0.62
(18,2224)	1:60:A:LEU:HD23	1:122:A:ASP:H	6	0.62
(18,2110)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	12	0.62
(18,2110)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	12	0.62
(18,2110)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	12	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2110)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	12	0.62
(18,2110)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	12	0.62
(18,2110)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	12	0.62
(18,2110)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	12	0.62
(18,2110)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	12	0.62
(18,2110)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	12	0.62
(18,2110)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	12	0.62
(18,2110)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	12	0.62
(18,2110)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	12	0.62
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD11	2	0.62
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD12	2	0.62
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD13	2	0.62
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD21	2	0.62
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD22	2	0.62
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD23	2	0.62
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD11	12	0.62
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD12	12	0.62
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD13	12	0.62
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD21	12	0.62
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD22	12	0.62
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD23	12	0.62
(18,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD11	10	0.62
(18,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD12	10	0.62
(18,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD13	10	0.62
(18,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD21	10	0.62
(18,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD22	10	0.62
(18,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD23	10	0.62
(18,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD11	10	0.62
(18,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD12	10	0.62
(18,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD13	10	0.62
(18,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD21	10	0.62
(18,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD22	10	0.62
(18,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD23	10	0.62
(18,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD11	10	0.62
(18,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD12	10	0.62
(18,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD13	10	0.62
(18,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD21	10	0.62
(18,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD22	10	0.62
(18,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD23	10	0.62
(18,2018)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	0.62
(18,2018)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	0.62
(18,2018)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2018)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	0.62
(18,2018)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	0.62
(18,2018)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	0.62
(18,2018)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	0.62
(18,2018)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	0.62
(18,2018)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	0.62
(18,2018)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	0.62
(18,2018)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	0.62
(18,2018)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	0.62
(18,1939)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	16	0.62
(18,1939)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	16	0.62
(18,1939)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	16	0.62
(18,1939)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	16	0.62
(18,1925)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	16	0.62
(18,1925)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	16	0.62
(18,1886)	1:18:A:PHE:HE1	1:128:A:LEU:HG	3	0.62
(18,1886)	1:18:A:PHE:HE2	1:128:A:LEU:HG	3	0.62
(18,1884)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	18	0.62
(18,1884)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	18	0.62
(18,1884)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	18	0.62
(18,1884)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	18	0.62
(18,1884)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	18	0.62
(18,1884)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	18	0.62
(18,1881)	1:18:A:PHE:HE1	1:131:A:LEU:H	18	0.62
(18,1881)	1:18:A:PHE:HE2	1:131:A:LEU:H	18	0.62
(18,1808)	1:9:A:PHE:HZ	1:44:A:GLU:HB2	10	0.62
(18,1808)	1:9:A:PHE:HZ	1:44:A:GLU:HB3	10	0.62
(18,1564)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	6	0.62
(18,1564)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	6	0.62
(18,1564)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	6	0.62
(18,1564)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	6	0.62
(18,1564)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	6	0.62
(18,1564)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	6	0.62
(18,1564)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	6	0.62
(18,1564)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	6	0.62
(18,1564)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	6	0.62
(18,1508)	1:69:A:MET:HE1	1:115:A:ALA:H	10	0.62
(18,1508)	1:69:A:MET:HE2	1:115:A:ALA:H	10	0.62
(18,1508)	1:69:A:MET:HE3	1:115:A:ALA:H	10	0.62
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE1	10	0.62
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE2	10	0.62
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE3	10	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE1	10	0.62
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE2	10	0.62
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE3	10	0.62
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE1	10	0.62
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE2	10	0.62
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE3	10	0.62
(18,1235)	1:79:A:THR:HG21	1:81:A:GLU:HA	17	0.62
(18,1235)	1:79:A:THR:HG22	1:81:A:GLU:HA	17	0.62
(18,1235)	1:79:A:THR:HG23	1:81:A:GLU:HA	17	0.62
(18,1082)	1:54:A:ARG:HA	1:58:A:ILE:HG13	8	0.62
(18,1022)	1:27:A:ARG:HB2	1:28:A:GLY:H	17	0.62
(18,978)	1:138:A:ASP:HA	1:141:A:LYS:HB2	14	0.62
(18,978)	1:138:A:ASP:HA	1:141:A:LYS:HB3	14	0.62
(18,944)	1:73:A:ILE:HD11	1:112:A:GLN:HG2	2	0.62
(18,944)	1:73:A:ILE:HD11	1:112:A:GLN:HG3	2	0.62
(18,944)	1:73:A:ILE:HD12	1:112:A:GLN:HG2	2	0.62
(18,944)	1:73:A:ILE:HD12	1:112:A:GLN:HG3	2	0.62
(18,944)	1:73:A:ILE:HD13	1:112:A:GLN:HG2	2	0.62
(18,944)	1:73:A:ILE:HD13	1:112:A:GLN:HG3	2	0.62
(18,942)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	2	0.62
(18,942)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	2	0.62
(18,925)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	3	0.62
(18,925)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	3	0.62
(18,925)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	3	0.62
(18,849)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	17	0.62
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB2	2	0.62
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB3	2	0.62
(18,485)	1:48:A:ARG:HA	1:53:A:THR:H	14	0.62
(18,305)	1:43:A:MET:H	1:43:A:MET:HG3	8	0.62
(17,2272)	1:74:A:PRO:HA	1:77:A:CYS:HB2	7	0.62
(17,2272)	1:74:A:PRO:HA	1:77:A:CYS:HB3	7	0.62
(17,2168)	1:43:A:MET:HG2	1:144:A:LEU:HD11	19	0.62
(17,2168)	1:43:A:MET:HG2	1:144:A:LEU:HD12	19	0.62
(17,2168)	1:43:A:MET:HG2	1:144:A:LEU:HD13	19	0.62
(17,2168)	1:43:A:MET:HG2	1:144:A:LEU:HD21	19	0.62
(17,2168)	1:43:A:MET:HG2	1:144:A:LEU:HD22	19	0.62
(17,2168)	1:43:A:MET:HG2	1:144:A:LEU:HD23	19	0.62
(17,2168)	1:43:A:MET:HG3	1:144:A:LEU:HD11	19	0.62
(17,2168)	1:43:A:MET:HG3	1:144:A:LEU:HD12	19	0.62
(17,2168)	1:43:A:MET:HG3	1:144:A:LEU:HD13	19	0.62
(17,2168)	1:43:A:MET:HG3	1:144:A:LEU:HD21	19	0.62
(17,2168)	1:43:A:MET:HG3	1:144:A:LEU:HD22	19	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2168)	1:43:A:MET:HG3	1:144:A:LEU:HD23	19	0.62
(17,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD11	3	0.62
(17,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD12	3	0.62
(17,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD13	3	0.62
(17,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD21	3	0.62
(17,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD22	3	0.62
(17,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD23	3	0.62
(17,1963)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	1	0.62
(17,1963)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	1	0.62
(17,1963)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	1	0.62
(17,1963)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	1	0.62
(17,1835)	1:9:A:PHE:HZ	1:44:A:GLU:HB2	10	0.62
(17,1835)	1:9:A:PHE:HZ	1:44:A:GLU:HB3	10	0.62
(17,1682)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	9	0.62
(17,1682)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	9	0.62
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE1	16	0.62
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE2	16	0.62
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE3	16	0.62
(17,1262)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	15	0.62
(17,1262)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	15	0.62
(17,1262)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	15	0.62
(17,1262)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	15	0.62
(17,1262)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	15	0.62
(17,1262)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	15	0.62
(17,1262)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	15	0.62
(17,1262)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	15	0.62
(17,1262)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	15	0.62
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD21	16	0.62
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD22	16	0.62
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD23	16	0.62
(17,1234)	1:34:A:LYS:H	1:81:A:GLU:HA	11	0.62
(17,1185)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	5	0.62
(17,1185)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	5	0.62
(17,1185)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	5	0.62
(17,1185)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	5	0.62
(17,1185)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	5	0.62
(17,1185)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	5	0.62
(17,1172)	1:34:A:LYS:HG2	1:35:A:LEU:H	19	0.62
(17,1172)	1:34:A:LYS:HG3	1:35:A:LEU:H	19	0.62
(17,1014)	1:27:A:ARG:HB2	1:28:A:GLY:H	17	0.62
(17,998)	1:63:A:ILE:HA	1:64:A:LYS:HD2	11	0.62
(17,998)	1:63:A:ILE:HA	1:64:A:LYS:HD3	11	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,992)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	5	0.62
(17,992)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	5	0.62
(17,925)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	3	0.62
(17,925)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	3	0.62
(17,925)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	3	0.62
(17,708)	1:23:A:LEU:HB2	1:27:A:ARG:HE	11	0.62
(17,708)	1:23:A:LEU:HB3	1:27:A:ARG:HE	11	0.62
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	8	0.62
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	8	0.62
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	8	0.62
(17,144)	1:59:A:CYS:H	1:60:A:LEU:HD21	3	0.62
(17,144)	1:59:A:CYS:H	1:60:A:LEU:HD22	3	0.62
(17,144)	1:59:A:CYS:H	1:60:A:LEU:HD23	3	0.62
(16,2145)	1:41:A:LYS:HG3	1:44:A:GLU:HG2	10	0.62
(16,2145)	1:41:A:LYS:HG3	1:44:A:GLU:HG3	10	0.62
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD11	2	0.62
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD12	2	0.62
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD13	2	0.62
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD21	2	0.62
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD22	2	0.62
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD23	2	0.62
(16,2071)	1:32:A:GLY:HA2	1:81:A:GLU:H	2	0.62
(16,2071)	1:32:A:GLY:HA3	1:81:A:GLU:H	2	0.62
(16,2030)	1:21:A:THR:HG21	1:23:A:LEU:HD11	10	0.62
(16,2030)	1:21:A:THR:HG21	1:23:A:LEU:HD12	10	0.62
(16,2030)	1:21:A:THR:HG21	1:23:A:LEU:HD13	10	0.62
(16,2030)	1:21:A:THR:HG21	1:23:A:LEU:HD21	10	0.62
(16,2030)	1:21:A:THR:HG21	1:23:A:LEU:HD22	10	0.62
(16,2030)	1:21:A:THR:HG21	1:23:A:LEU:HD23	10	0.62
(16,2030)	1:21:A:THR:HG22	1:23:A:LEU:HD11	10	0.62
(16,2030)	1:21:A:THR:HG22	1:23:A:LEU:HD12	10	0.62
(16,2030)	1:21:A:THR:HG22	1:23:A:LEU:HD13	10	0.62
(16,2030)	1:21:A:THR:HG22	1:23:A:LEU:HD21	10	0.62
(16,2030)	1:21:A:THR:HG22	1:23:A:LEU:HD22	10	0.62
(16,2030)	1:21:A:THR:HG22	1:23:A:LEU:HD23	10	0.62
(16,2030)	1:21:A:THR:HG23	1:23:A:LEU:HD11	10	0.62
(16,2030)	1:21:A:THR:HG23	1:23:A:LEU:HD12	10	0.62
(16,2030)	1:21:A:THR:HG23	1:23:A:LEU:HD13	10	0.62
(16,2030)	1:21:A:THR:HG23	1:23:A:LEU:HD21	10	0.62
(16,2030)	1:21:A:THR:HG23	1:23:A:LEU:HD22	10	0.62
(16,2030)	1:21:A:THR:HG23	1:23:A:LEU:HD23	10	0.62
(16,1957)	1:12:A:VAL:HA	1:40:A:LEU:HD11	3	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1957)	1:12:A:VAL:HA	1:40:A:LEU:HD12	3	0.62
(16,1957)	1:12:A:VAL:HA	1:40:A:LEU:HD13	3	0.62
(16,1957)	1:12:A:VAL:HA	1:40:A:LEU:HD21	3	0.62
(16,1957)	1:12:A:VAL:HA	1:40:A:LEU:HD22	3	0.62
(16,1957)	1:12:A:VAL:HA	1:40:A:LEU:HD23	3	0.62
(16,1937)	1:10:A:ASN:HD21	1:15:A:ALA:H	7	0.62
(16,1937)	1:10:A:ASN:HD22	1:15:A:ALA:H	7	0.62
(16,1880)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	18	0.62
(16,1880)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	18	0.62
(16,1880)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	18	0.62
(16,1880)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	18	0.62
(16,1880)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	18	0.62
(16,1880)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	18	0.62
(16,1814)	1:9:A:PHE:HZ	1:44:A:GLU:HB2	10	0.62
(16,1814)	1:9:A:PHE:HZ	1:44:A:GLU:HB3	10	0.62
(16,1566)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	6	0.62
(16,1566)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	6	0.62
(16,1566)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	6	0.62
(16,1566)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	6	0.62
(16,1566)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	6	0.62
(16,1566)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	6	0.62
(16,1566)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	6	0.62
(16,1566)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	6	0.62
(16,1566)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	6	0.62
(16,1564)	1:63:A:ILE:HD11	1:113:A:PHE:HA	13	0.62
(16,1564)	1:63:A:ILE:HD12	1:113:A:PHE:HA	13	0.62
(16,1564)	1:63:A:ILE:HD13	1:113:A:PHE:HA	13	0.62
(16,1503)	1:11:A:ILE:HA	1:43:A:MET:HE1	7	0.62
(16,1503)	1:11:A:ILE:HA	1:43:A:MET:HE2	7	0.62
(16,1503)	1:11:A:ILE:HA	1:43:A:MET:HE3	7	0.62
(16,968)	1:39:A:VAL:HA	1:43:A:MET:HG2	4	0.62
(16,705)	1:98:A:ILE:H	1:104:A:PHE:H	3	0.62
(16,355)	1:73:A:ILE:HD11	1:111:A:GLU:H	15	0.62
(16,355)	1:73:A:ILE:HD12	1:111:A:GLU:H	15	0.62
(16,355)	1:73:A:ILE:HD13	1:111:A:GLU:H	15	0.62
(16,303)	1:43:A:MET:H	1:43:A:MET:HG2	8	0.62
(16,88)	1:151:A:PHE:H	1:151:A:PHE:HB3	18	0.62
(15,2237)	1:70:A:LYS:HG2	1:71:A:LYS:H	14	0.62
(15,2237)	1:70:A:LYS:HG3	1:71:A:LYS:H	14	0.62
(15,2237)	1:70:A:LYS:HG2	1:71:A:LYS:H	15	0.62
(15,2237)	1:70:A:LYS:HG3	1:71:A:LYS:H	15	0.62
(15,2036)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	4	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2036)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	4	0.62
(15,2036)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	4	0.62
(15,2036)	1:31:A:PRO:HD2	1:144:A:LEU:HD21	4	0.62
(15,2036)	1:31:A:PRO:HD2	1:144:A:LEU:HD22	4	0.62
(15,2036)	1:31:A:PRO:HD2	1:144:A:LEU:HD23	4	0.62
(15,2036)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	4	0.62
(15,2036)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	4	0.62
(15,2036)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	4	0.62
(15,2036)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	4	0.62
(15,2036)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	4	0.62
(15,2036)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	4	0.62
(15,2033)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	13	0.62
(15,2033)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	13	0.62
(15,2033)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	13	0.62
(15,2033)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	13	0.62
(15,2033)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	13	0.62
(15,2033)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	13	0.62
(15,2033)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	13	0.62
(15,2033)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	13	0.62
(15,2033)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	13	0.62
(15,2033)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	13	0.62
(15,2033)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	13	0.62
(15,2033)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	13	0.62
(15,2007)	1:21:A:THR:HG21	1:23:A:LEU:HD11	10	0.62
(15,2007)	1:21:A:THR:HG21	1:23:A:LEU:HD12	10	0.62
(15,2007)	1:21:A:THR:HG21	1:23:A:LEU:HD13	10	0.62
(15,2007)	1:21:A:THR:HG21	1:23:A:LEU:HD21	10	0.62
(15,2007)	1:21:A:THR:HG21	1:23:A:LEU:HD22	10	0.62
(15,2007)	1:21:A:THR:HG21	1:23:A:LEU:HD23	10	0.62
(15,2007)	1:21:A:THR:HG22	1:23:A:LEU:HD11	10	0.62
(15,2007)	1:21:A:THR:HG22	1:23:A:LEU:HD12	10	0.62
(15,2007)	1:21:A:THR:HG22	1:23:A:LEU:HD13	10	0.62
(15,2007)	1:21:A:THR:HG22	1:23:A:LEU:HD21	10	0.62
(15,2007)	1:21:A:THR:HG22	1:23:A:LEU:HD22	10	0.62
(15,2007)	1:21:A:THR:HG22	1:23:A:LEU:HD23	10	0.62
(15,2007)	1:21:A:THR:HG23	1:23:A:LEU:HD11	10	0.62
(15,2007)	1:21:A:THR:HG23	1:23:A:LEU:HD12	10	0.62
(15,2007)	1:21:A:THR:HG23	1:23:A:LEU:HD13	10	0.62
(15,2007)	1:21:A:THR:HG23	1:23:A:LEU:HD21	10	0.62
(15,2007)	1:21:A:THR:HG23	1:23:A:LEU:HD22	10	0.62
(15,2007)	1:21:A:THR:HG23	1:23:A:LEU:HD23	10	0.62
(15,1994)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	7	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1994)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	7	0.62
(15,1994)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	7	0.62
(15,1994)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	7	0.62
(15,1994)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	7	0.62
(15,1994)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	7	0.62
(15,1939)	1:11:A:ILE:HG13	1:44:A:GLU:HG2	1	0.62
(15,1939)	1:11:A:ILE:HG13	1:44:A:GLU:HG3	1	0.62
(15,1804)	1:9:A:PHE:HZ	1:44:A:GLU:HB2	10	0.62
(15,1804)	1:9:A:PHE:HZ	1:44:A:GLU:HB3	10	0.62
(15,1771)	1:13:A:ALA:H	1:80:A:TYR:HD1	19	0.62
(15,1771)	1:13:A:ALA:H	1:80:A:TYR:HD2	19	0.62
(15,1509)	1:69:A:MET:HE1	1:115:A:ALA:H	10	0.62
(15,1509)	1:69:A:MET:HE2	1:115:A:ALA:H	10	0.62
(15,1509)	1:69:A:MET:HE3	1:115:A:ALA:H	10	0.62
(15,1499)	1:98:A:ILE:HG21	1:116:A:GLN:HG3	18	0.62
(15,1499)	1:98:A:ILE:HG22	1:116:A:GLN:HG3	18	0.62
(15,1499)	1:98:A:ILE:HG23	1:116:A:GLN:HG3	18	0.62
(15,1430)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	3	0.62
(15,1430)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	3	0.62
(15,1430)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	3	0.62
(15,1257)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	15	0.62
(15,1257)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	15	0.62
(15,1257)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	15	0.62
(15,1257)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	15	0.62
(15,1257)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	15	0.62
(15,1257)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	15	0.62
(15,1257)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	15	0.62
(15,1257)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	15	0.62
(15,1257)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	15	0.62
(15,1163)	1:34:A:LYS:HG2	1:35:A:LEU:H	19	0.62
(15,1163)	1:34:A:LYS:HG3	1:35:A:LEU:H	19	0.62
(15,1153)	1:13:A:ALA:HB1	1:80:A:TYR:HA	3	0.62
(15,1153)	1:13:A:ALA:HB2	1:80:A:TYR:HA	3	0.62
(15,1153)	1:13:A:ALA:HB3	1:80:A:TYR:HA	3	0.62
(15,1012)	1:27:A:ARG:HB2	1:28:A:GLY:H	17	0.62
(15,844)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	17	0.62
(15,822)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	14	0.62
(15,822)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	14	0.62
(15,822)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	14	0.62
(15,822)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	14	0.62
(15,822)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	14	0.62
(15,822)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	14	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,708)	1:23:A:LEU:HB2	1:27:A:ARG:HE	11	0.62
(15,708)	1:23:A:LEU:HB3	1:27:A:ARG:HE	11	0.62
(15,66)	1:80:A:TYR:HA	1:81:A:GLU:H	7	0.62
(15,66)	1:80:A:TYR:HA	1:81:A:GLU:H	10	0.62
(15,66)	1:80:A:TYR:HA	1:81:A:GLU:H	11	0.62
(15,66)	1:80:A:TYR:HA	1:81:A:GLU:H	19	0.62
(13,2237)	1:74:A:PRO:HA	1:77:A:CYS:HB2	7	0.62
(13,2237)	1:74:A:PRO:HA	1:77:A:CYS:HB3	7	0.62
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD11	2	0.62
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD12	2	0.62
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD13	2	0.62
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD21	2	0.62
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD22	2	0.62
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD23	2	0.62
(13,1996)	1:21:A:THR:HG21	1:23:A:LEU:HD11	10	0.62
(13,1996)	1:21:A:THR:HG21	1:23:A:LEU:HD12	10	0.62
(13,1996)	1:21:A:THR:HG21	1:23:A:LEU:HD13	10	0.62
(13,1996)	1:21:A:THR:HG21	1:23:A:LEU:HD21	10	0.62
(13,1996)	1:21:A:THR:HG21	1:23:A:LEU:HD22	10	0.62
(13,1996)	1:21:A:THR:HG21	1:23:A:LEU:HD23	10	0.62
(13,1996)	1:21:A:THR:HG22	1:23:A:LEU:HD11	10	0.62
(13,1996)	1:21:A:THR:HG22	1:23:A:LEU:HD12	10	0.62
(13,1996)	1:21:A:THR:HG22	1:23:A:LEU:HD13	10	0.62
(13,1996)	1:21:A:THR:HG22	1:23:A:LEU:HD21	10	0.62
(13,1996)	1:21:A:THR:HG22	1:23:A:LEU:HD22	10	0.62
(13,1996)	1:21:A:THR:HG22	1:23:A:LEU:HD23	10	0.62
(13,1996)	1:21:A:THR:HG23	1:23:A:LEU:HD11	10	0.62
(13,1996)	1:21:A:THR:HG23	1:23:A:LEU:HD12	10	0.62
(13,1996)	1:21:A:THR:HG23	1:23:A:LEU:HD13	10	0.62
(13,1996)	1:21:A:THR:HG23	1:23:A:LEU:HD21	10	0.62
(13,1996)	1:21:A:THR:HG23	1:23:A:LEU:HD22	10	0.62
(13,1996)	1:21:A:THR:HG23	1:23:A:LEU:HD23	10	0.62
(13,1984)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	0.62
(13,1984)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	0.62
(13,1984)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	0.62
(13,1984)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	0.62
(13,1984)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	0.62
(13,1984)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	0.62
(13,1984)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	0.62
(13,1984)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	0.62
(13,1984)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	0.62
(13,1984)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1984)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	0.62
(13,1984)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	0.62
(13,1929)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	14	0.62
(13,1929)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	14	0.62
(13,1929)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	14	0.62
(13,1929)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	14	0.62
(13,1929)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	14	0.62
(13,1929)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	14	0.62
(13,1929)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	14	0.62
(13,1929)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	14	0.62
(13,1929)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	14	0.62
(13,1929)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	14	0.62
(13,1929)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	14	0.62
(13,1929)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	14	0.62
(13,1929)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	14	0.62
(13,1929)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	14	0.62
(13,1929)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	14	0.62
(13,1929)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	14	0.62
(13,1929)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	14	0.62
(13,1929)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	14	0.62
(13,1926)	1:12:A:VAL:HA	1:40:A:LEU:HD11	3	0.62
(13,1926)	1:12:A:VAL:HA	1:40:A:LEU:HD12	3	0.62
(13,1926)	1:12:A:VAL:HA	1:40:A:LEU:HD13	3	0.62
(13,1926)	1:12:A:VAL:HA	1:40:A:LEU:HD21	3	0.62
(13,1926)	1:12:A:VAL:HA	1:40:A:LEU:HD22	3	0.62
(13,1926)	1:12:A:VAL:HA	1:40:A:LEU:HD23	3	0.62
(13,1908)	1:10:A:ASN:HD21	1:80:A:TYR:HB3	8	0.62
(13,1908)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	8	0.62
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	16	0.62
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	16	0.62
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	16	0.62
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	16	0.62
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	16	0.62
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	16	0.62
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	16	0.62
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	16	0.62
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	16	0.62
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	16	0.62
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	16	0.62
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	16	0.62
(13,1853)	1:18:A:PHE:HE1	1:128:A:LEU:HG	3	0.62
(13,1853)	1:18:A:PHE:HE2	1:128:A:LEU:HG	3	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	11	0.62
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	11	0.62
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	11	0.62
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	11	0.62
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	11	0.62
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	11	0.62
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	11	0.62
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	11	0.62
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	11	0.62
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	11	0.62
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	11	0.62
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	11	0.62
(13,1817)	1:9:A:PHE:HZ	1:58:A:ILE:HG13	5	0.62
(13,1783)	1:9:A:PHE:HZ	1:54:A:ARG:HA	5	0.62
(13,1783)	1:9:A:PHE:HZ	1:54:A:ARG:HA	17	0.62
(13,1780)	1:9:A:PHE:HZ	1:44:A:GLU:HB2	10	0.62
(13,1780)	1:9:A:PHE:HZ	1:44:A:GLU:HB3	10	0.62
(13,1550)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	6	0.62
(13,1550)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	6	0.62
(13,1550)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	6	0.62
(13,1550)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	6	0.62
(13,1550)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	6	0.62
(13,1550)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	6	0.62
(13,1550)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	6	0.62
(13,1550)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	6	0.62
(13,1550)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	6	0.62
(13,1496)	1:69:A:MET:HE1	1:110:A:MET:HA	5	0.62
(13,1496)	1:69:A:MET:HE2	1:110:A:MET:HA	5	0.62
(13,1496)	1:69:A:MET:HE3	1:110:A:MET:HA	5	0.62
(13,1422)	1:31:A:PRO:HD2	1:144:A:LEU:HB3	15	0.62
(13,1415)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	8	0.62
(13,1415)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	8	0.62
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	16	0.62
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	16	0.62
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	16	0.62
(13,1141)	1:34:A:LYS:HG2	1:35:A:LEU:H	19	0.62
(13,1141)	1:34:A:LYS:HG3	1:35:A:LEU:H	19	0.62
(13,1131)	1:13:A:ALA:HB1	1:80:A:TYR:HA	3	0.62
(13,1131)	1:13:A:ALA:HB2	1:80:A:TYR:HA	3	0.62
(13,1131)	1:13:A:ALA:HB3	1:80:A:TYR:HA	3	0.62
(13,1052)	1:54:A:ARG:HA	1:58:A:ILE:HG13	8	0.62
(13,701)	1:45:A:ALA:H	1:48:A:ARG:HE	18	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,692)	1:23:A:LEU:HB2	1:27:A:ARG:HE	11	0.62
(13,692)	1:23:A:LEU:HB3	1:27:A:ARG:HE	11	0.62
(13,682)	1:98:A:ILE:H	1:104:A:PHE:H	3	0.62
(13,483)	1:98:A:ILE:H	1:105:A:LYS:H	5	0.62
(11,2425)	1:137:A:SER:HB2	1:140:A:LEU:HB2	1	0.62
(11,2425)	1:137:A:SER:HB3	1:140:A:LEU:HB2	1	0.62
(11,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	9	0.62
(11,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	9	0.62
(11,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	9	0.62
(11,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	9	0.62
(11,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	9	0.62
(11,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	9	0.62
(11,1987)	1:12:A:VAL:HA	1:40:A:LEU:HD11	3	0.62
(11,1987)	1:12:A:VAL:HA	1:40:A:LEU:HD12	3	0.62
(11,1987)	1:12:A:VAL:HA	1:40:A:LEU:HD13	3	0.62
(11,1987)	1:12:A:VAL:HA	1:40:A:LEU:HD21	3	0.62
(11,1987)	1:12:A:VAL:HA	1:40:A:LEU:HD22	3	0.62
(11,1987)	1:12:A:VAL:HA	1:40:A:LEU:HD23	3	0.62
(11,1912)	1:18:A:PHE:HE1	1:131:A:LEU:H	18	0.62
(11,1912)	1:18:A:PHE:HE2	1:131:A:LEU:H	18	0.62
(11,1848)	1:9:A:PHE:HZ	1:44:A:GLU:HB2	10	0.62
(11,1848)	1:9:A:PHE:HZ	1:44:A:GLU:HB3	10	0.62
(11,1610)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	6	0.62
(11,1610)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	6	0.62
(11,1610)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	6	0.62
(11,1610)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	6	0.62
(11,1610)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	6	0.62
(11,1610)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	6	0.62
(11,1610)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	6	0.62
(11,1610)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	6	0.62
(11,1610)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	6	0.62
(11,1606)	1:61:A:SER:HA	1:63:A:ILE:HD11	17	0.62
(11,1606)	1:61:A:SER:HA	1:63:A:ILE:HD12	17	0.62
(11,1606)	1:61:A:SER:HA	1:63:A:ILE:HD13	17	0.62
(11,1307)	1:68:A:LYS:HG2	1:70:A:LYS:H	4	0.62
(11,1307)	1:68:A:LYS:HG3	1:70:A:LYS:H	4	0.62
(11,1294)	1:44:A:GLU:HG2	1:45:A:ALA:HA	16	0.62
(11,1174)	1:34:A:LYS:HG2	1:35:A:LEU:H	19	0.62
(11,1174)	1:34:A:LYS:HG3	1:35:A:LEU:H	19	0.62
(11,1119)	1:41:A:LYS:HA	1:44:A:GLU:HG2	11	0.62
(11,994)	1:105:A:LYS:HD2	1:107:A:LEU:H	2	0.62
(11,994)	1:105:A:LYS:HD3	1:107:A:LEU:H	2	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,964)	1:15:A:ALA:HB1	1:43:A:MET:HB2	8	0.62
(11,964)	1:15:A:ALA:HB2	1:43:A:MET:HB2	8	0.62
(11,964)	1:15:A:ALA:HB3	1:43:A:MET:HB2	8	0.62
(11,759)	1:37:A:LEU:H	1:40:A:LEU:HB3	13	0.62
(11,707)	1:23:A:LEU:HB2	1:27:A:ARG:HE	11	0.62
(11,707)	1:23:A:LEU:HB3	1:27:A:ARG:HE	11	0.62
(11,698)	1:98:A:ILE:H	1:104:A:PHE:H	3	0.62
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	8	0.62
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	8	0.62
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	8	0.62
(11,145)	1:59:A:CYS:H	1:60:A:LEU:HD21	3	0.62
(11,145)	1:59:A:CYS:H	1:60:A:LEU:HD22	3	0.62
(11,145)	1:59:A:CYS:H	1:60:A:LEU:HD23	3	0.62
(11,94)	1:95:A:ILE:HG21	1:97:A:ASP:H	3	0.62
(11,94)	1:95:A:ILE:HG22	1:97:A:ASP:H	3	0.62
(11,94)	1:95:A:ILE:HG23	1:97:A:ASP:H	3	0.62
(11,67)	1:80:A:TYR:HA	1:81:A:GLU:H	7	0.62
(11,67)	1:80:A:TYR:HA	1:81:A:GLU:H	10	0.62
(11,67)	1:80:A:TYR:HA	1:81:A:GLU:H	11	0.62
(11,67)	1:80:A:TYR:HA	1:81:A:GLU:H	19	0.62
(11,8)	1:64:A:LYS:H	1:116:A:GLN:HE21	8	0.62
(9,2015)	1:21:A:THR:HG21	1:23:A:LEU:HD11	10	0.62
(9,2015)	1:21:A:THR:HG21	1:23:A:LEU:HD12	10	0.62
(9,2015)	1:21:A:THR:HG21	1:23:A:LEU:HD13	10	0.62
(9,2015)	1:21:A:THR:HG21	1:23:A:LEU:HD21	10	0.62
(9,2015)	1:21:A:THR:HG21	1:23:A:LEU:HD22	10	0.62
(9,2015)	1:21:A:THR:HG21	1:23:A:LEU:HD23	10	0.62
(9,2015)	1:21:A:THR:HG22	1:23:A:LEU:HD11	10	0.62
(9,2015)	1:21:A:THR:HG22	1:23:A:LEU:HD12	10	0.62
(9,2015)	1:21:A:THR:HG22	1:23:A:LEU:HD13	10	0.62
(9,2015)	1:21:A:THR:HG22	1:23:A:LEU:HD21	10	0.62
(9,2015)	1:21:A:THR:HG22	1:23:A:LEU:HD22	10	0.62
(9,2015)	1:21:A:THR:HG22	1:23:A:LEU:HD23	10	0.62
(9,2015)	1:21:A:THR:HG23	1:23:A:LEU:HD11	10	0.62
(9,2015)	1:21:A:THR:HG23	1:23:A:LEU:HD12	10	0.62
(9,2015)	1:21:A:THR:HG23	1:23:A:LEU:HD13	10	0.62
(9,2015)	1:21:A:THR:HG23	1:23:A:LEU:HD21	10	0.62
(9,2015)	1:21:A:THR:HG23	1:23:A:LEU:HD22	10	0.62
(9,2015)	1:21:A:THR:HG23	1:23:A:LEU:HD23	10	0.62
(9,2004)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	0.62
(9,2004)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	0.62
(9,2004)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2004)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	17	0.62
(9,2004)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	17	0.62
(9,2004)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	17	0.62
(9,2004)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	0.62
(9,2004)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	0.62
(9,2004)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	0.62
(9,2004)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	17	0.62
(9,2004)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	17	0.62
(9,2004)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	17	0.62
(9,1892)	1:18:A:PHE:HE1	1:131:A:LEU:H	18	0.62
(9,1892)	1:18:A:PHE:HE2	1:131:A:LEU:H	18	0.62
(9,1813)	1:9:A:PHE:HZ	1:44:A:GLU:HB2	10	0.62
(9,1813)	1:9:A:PHE:HZ	1:44:A:GLU:HB3	10	0.62
(9,1777)	1:13:A:ALA:H	1:80:A:TYR:HD1	19	0.62
(9,1777)	1:13:A:ALA:H	1:80:A:TYR:HD2	19	0.62
(9,1729)	1:18:A:PHE:HB2	1:132:A:ALA:HA	12	0.62
(9,1729)	1:18:A:PHE:HB3	1:132:A:ALA:HA	12	0.62
(9,1575)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	6	0.62
(9,1575)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	6	0.62
(9,1575)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	6	0.62
(9,1575)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	6	0.62
(9,1575)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	6	0.62
(9,1575)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	6	0.62
(9,1575)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	6	0.62
(9,1575)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	6	0.62
(9,1575)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	6	0.62
(9,1514)	1:69:A:MET:HE1	1:115:A:ALA:H	10	0.62
(9,1514)	1:69:A:MET:HE2	1:115:A:ALA:H	10	0.62
(9,1514)	1:69:A:MET:HE3	1:115:A:ALA:H	10	0.62
(9,1470)	1:95:A:ILE:HG21	1:97:A:ASP:H	18	0.62
(9,1470)	1:95:A:ILE:HG22	1:97:A:ASP:H	18	0.62
(9,1470)	1:95:A:ILE:HG23	1:97:A:ASP:H	18	0.62
(9,1451)	1:13:A:ALA:HB1	1:78:A:HIS:HA	19	0.62
(9,1451)	1:13:A:ALA:HB2	1:78:A:HIS:HA	19	0.62
(9,1451)	1:13:A:ALA:HB3	1:78:A:HIS:HA	19	0.62
(9,1438)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	8	0.62
(9,1438)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	8	0.62
(9,1402)	1:60:A:LEU:HD21	1:120:A:CYS:HA	18	0.62
(9,1402)	1:60:A:LEU:HD22	1:120:A:CYS:HA	18	0.62
(9,1402)	1:60:A:LEU:HD23	1:120:A:CYS:HA	18	0.62
(9,1355)	1:118:A:ASP:HA	1:121:A:VAL:HG11	6	0.62
(9,1355)	1:118:A:ASP:HA	1:121:A:VAL:HG12	6	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1355)	1:118:A:ASP:HA	1:121:A:VAL:HG13	6	0.62
(9,1275)	1:44:A:GLU:HG2	1:45:A:ALA:HA	16	0.62
(9,1170)	1:140:A:LEU:H	1:140:A:LEU:HD21	4	0.62
(9,1170)	1:140:A:LEU:H	1:140:A:LEU:HD22	4	0.62
(9,1170)	1:140:A:LEU:H	1:140:A:LEU:HD23	4	0.62
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD21	9	0.62
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD22	9	0.62
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD23	9	0.62
(9,1165)	1:34:A:LYS:HG2	1:35:A:LEU:H	19	0.62
(9,1165)	1:34:A:LYS:HG3	1:35:A:LEU:H	19	0.62
(9,701)	1:23:A:LEU:HB2	1:27:A:ARG:HE	11	0.62
(9,701)	1:23:A:LEU:HB3	1:27:A:ARG:HE	11	0.62
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	8	0.62
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	8	0.62
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	8	0.62
(9,304)	1:43:A:MET:H	1:43:A:MET:HG3	8	0.62
(9,143)	1:59:A:CYS:H	1:60:A:LEU:HD21	3	0.62
(9,143)	1:59:A:CYS:H	1:60:A:LEU:HD22	3	0.62
(9,143)	1:59:A:CYS:H	1:60:A:LEU:HD23	3	0.62
(7,2318)	1:107:A:LEU:HD11	1:112:A:GLN:H	5	0.62
(7,2318)	1:107:A:LEU:HD12	1:112:A:GLN:H	5	0.62
(7,2318)	1:107:A:LEU:HD13	1:112:A:GLN:H	5	0.62
(7,2318)	1:107:A:LEU:HD21	1:112:A:GLN:H	5	0.62
(7,2318)	1:107:A:LEU:HD22	1:112:A:GLN:H	5	0.62
(7,2318)	1:107:A:LEU:HD23	1:112:A:GLN:H	5	0.62
(7,2197)	1:63:A:ILE:HG12	1:117:A:VAL:H	1	0.62
(7,2197)	1:63:A:ILE:HG13	1:117:A:VAL:H	1	0.62
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD1	4	0.62
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD2	4	0.62
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD1	4	0.62
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD2	4	0.62
(7,2120)	1:43:A:MET:HE1	1:46:A:ASN:HB2	8	0.62
(7,2120)	1:43:A:MET:HE1	1:46:A:ASN:HB3	8	0.62
(7,2120)	1:43:A:MET:HE2	1:46:A:ASN:HB2	8	0.62
(7,2120)	1:43:A:MET:HE2	1:46:A:ASN:HB3	8	0.62
(7,2120)	1:43:A:MET:HE3	1:46:A:ASN:HB2	8	0.62
(7,2120)	1:43:A:MET:HE3	1:46:A:ASN:HB3	8	0.62
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD11	2	0.62
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD12	2	0.62
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD13	2	0.62
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD21	2	0.62
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD22	2	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD23	2	0.62
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD11	12	0.62
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD12	12	0.62
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD13	12	0.62
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD21	12	0.62
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD22	12	0.62
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD23	12	0.62
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD11	1	0.62
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD12	1	0.62
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD13	1	0.62
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD21	1	0.62
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD22	1	0.62
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD23	1	0.62
(7,1946)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	9	0.62
(7,1946)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	9	0.62
(7,1946)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	9	0.62
(7,1946)	1:14:A:VAL:HG11	1:60:A:LEU:HD21	9	0.62
(7,1946)	1:14:A:VAL:HG11	1:60:A:LEU:HD22	9	0.62
(7,1946)	1:14:A:VAL:HG11	1:60:A:LEU:HD23	9	0.62
(7,1946)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	9	0.62
(7,1946)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	9	0.62
(7,1946)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	9	0.62
(7,1946)	1:14:A:VAL:HG12	1:60:A:LEU:HD21	9	0.62
(7,1946)	1:14:A:VAL:HG12	1:60:A:LEU:HD22	9	0.62
(7,1946)	1:14:A:VAL:HG12	1:60:A:LEU:HD23	9	0.62
(7,1946)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	9	0.62
(7,1946)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	9	0.62
(7,1946)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	9	0.62
(7,1946)	1:14:A:VAL:HG13	1:60:A:LEU:HD21	9	0.62
(7,1946)	1:14:A:VAL:HG13	1:60:A:LEU:HD22	9	0.62
(7,1946)	1:14:A:VAL:HG13	1:60:A:LEU:HD23	9	0.62
(7,1946)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	9	0.62
(7,1946)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	9	0.62
(7,1946)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	9	0.62
(7,1946)	1:14:A:VAL:HG21	1:60:A:LEU:HD21	9	0.62
(7,1946)	1:14:A:VAL:HG21	1:60:A:LEU:HD22	9	0.62
(7,1946)	1:14:A:VAL:HG21	1:60:A:LEU:HD23	9	0.62
(7,1946)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	9	0.62
(7,1946)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	9	0.62
(7,1946)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	9	0.62
(7,1946)	1:14:A:VAL:HG22	1:60:A:LEU:HD21	9	0.62
(7,1946)	1:14:A:VAL:HG22	1:60:A:LEU:HD22	9	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1946)	1:14:A:VAL:HG22	1:60:A:LEU:HD23	9	0.62
(7,1946)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	9	0.62
(7,1946)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	9	0.62
(7,1946)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	9	0.62
(7,1946)	1:14:A:VAL:HG23	1:60:A:LEU:HD21	9	0.62
(7,1946)	1:14:A:VAL:HG23	1:60:A:LEU:HD22	9	0.62
(7,1946)	1:14:A:VAL:HG23	1:60:A:LEU:HD23	9	0.62
(7,1927)	1:12:A:VAL:HA	1:40:A:LEU:HD11	3	0.62
(7,1927)	1:12:A:VAL:HA	1:40:A:LEU:HD12	3	0.62
(7,1927)	1:12:A:VAL:HA	1:40:A:LEU:HD13	3	0.62
(7,1927)	1:12:A:VAL:HA	1:40:A:LEU:HD21	3	0.62
(7,1927)	1:12:A:VAL:HA	1:40:A:LEU:HD22	3	0.62
(7,1927)	1:12:A:VAL:HA	1:40:A:LEU:HD23	3	0.62
(7,1788)	1:9:A:PHE:HZ	1:44:A:GLU:HB2	10	0.62
(7,1788)	1:9:A:PHE:HZ	1:44:A:GLU:HB3	10	0.62
(7,1618)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	7	0.62
(7,1618)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	7	0.62
(7,1618)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	7	0.62
(7,1553)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	6	0.62
(7,1553)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	6	0.62
(7,1553)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	6	0.62
(7,1553)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	6	0.62
(7,1553)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	6	0.62
(7,1553)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	6	0.62
(7,1553)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	6	0.62
(7,1553)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	6	0.62
(7,1553)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	6	0.62
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD11	12	0.62
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD12	12	0.62
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD13	12	0.62
(7,1527)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	4	0.62
(7,1527)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	4	0.62
(7,1527)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	4	0.62
(7,1527)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	4	0.62
(7,1527)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	4	0.62
(7,1527)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	4	0.62
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE1	16	0.62
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE2	16	0.62
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE3	16	0.62
(7,1424)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	8	0.62
(7,1424)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	8	0.62
(7,1259)	1:44:A:GLU:HG2	1:45:A:ALA:HA	16	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1237)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	15	0.62
(7,1237)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	15	0.62
(7,1237)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	15	0.62
(7,1237)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	15	0.62
(7,1237)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	15	0.62
(7,1237)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	15	0.62
(7,1237)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	15	0.62
(7,1237)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	15	0.62
(7,1237)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	15	0.62
(7,1047)	1:54:A:ARG:HA	1:58:A:ILE:HG13	16	0.62
(7,693)	1:98:A:ILE:H	1:104:A:PHE:H	3	0.62
(7,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	10	0.62
(7,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	16	0.62
(7,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	16	0.62
(7,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	16	0.62
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD11	2	0.62
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD12	2	0.62
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD13	2	0.62
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD21	2	0.62
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD22	2	0.62
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD23	2	0.62
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	6	0.62
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	6	0.62
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	6	0.62
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	6	0.62
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	6	0.62
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	6	0.62
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	6	0.62
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	6	0.62
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	6	0.62
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	6	0.62
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	6	0.62
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	6	0.62
(6,1980)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	6	0.62
(6,1980)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	6	0.62
(6,1980)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	6	0.62
(6,1980)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	6	0.62
(6,1980)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	6	0.62
(6,1980)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	6	0.62
(6,1980)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	6	0.62
(6,1980)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	6	0.62
(6,1980)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	6	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1980)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	6	0.62
(6,1980)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	6	0.62
(6,1980)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	6	0.62
(6,1912)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	11	0.62
(6,1912)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	11	0.62
(6,1912)	1:113:A:PHE:HE1	1:114:A:ILE:HG12	11	0.62
(6,1912)	1:113:A:PHE:HE2	1:114:A:ILE:HG12	11	0.62
(6,1852)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	19	0.62
(6,1852)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	19	0.62
(6,1852)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	19	0.62
(6,1852)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	19	0.62
(6,1852)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	19	0.62
(6,1852)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	19	0.62
(6,1825)	1:9:A:PHE:HZ	1:44:A:GLU:HB2	10	0.62
(6,1825)	1:9:A:PHE:HZ	1:44:A:GLU:HB3	10	0.62
(6,1579)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	6	0.62
(6,1579)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	6	0.62
(6,1579)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	6	0.62
(6,1579)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	6	0.62
(6,1579)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	6	0.62
(6,1579)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	6	0.62
(6,1579)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	6	0.62
(6,1579)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	6	0.62
(6,1579)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	6	0.62
(6,1520)	1:69:A:MET:HE1	1:110:A:MET:HA	5	0.62
(6,1520)	1:69:A:MET:HE2	1:110:A:MET:HA	5	0.62
(6,1520)	1:69:A:MET:HE3	1:110:A:MET:HA	5	0.62
(6,1513)	1:69:A:MET:HE1	1:115:A:ALA:H	10	0.62
(6,1513)	1:69:A:MET:HE2	1:115:A:ALA:H	10	0.62
(6,1513)	1:69:A:MET:HE3	1:115:A:ALA:H	10	0.62
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE1	16	0.62
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE2	16	0.62
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE3	16	0.62
(6,1465)	1:67:A:PRO:HD3	1:95:A:ILE:HA	16	0.62
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	7	0.62
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	7	0.62
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	7	0.62
(6,1265)	1:44:A:GLU:HG2	1:45:A:ALA:HA	16	0.62
(6,1159)	1:140:A:LEU:H	1:140:A:LEU:HD21	4	0.62
(6,1159)	1:140:A:LEU:H	1:140:A:LEU:HD22	4	0.62
(6,1159)	1:140:A:LEU:H	1:140:A:LEU:HD23	4	0.62
(6,1153)	1:34:A:LYS:HG2	1:35:A:LEU:H	19	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1153)	1:34:A:LYS:HG3	1:35:A:LEU:H	19	0.62
(6,994)	1:27:A:ARG:HB2	1:28:A:GLY:H	17	0.62
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	6	0.62
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	6	0.62
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	6	0.62
(6,662)	1:63:A:ILE:HD11	1:116:A:GLN:H	12	0.62
(6,662)	1:63:A:ILE:HD12	1:116:A:GLN:H	12	0.62
(6,662)	1:63:A:ILE:HD13	1:116:A:GLN:H	12	0.62
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD21	8	0.62
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD22	8	0.62
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD23	8	0.62
(6,609)	1:14:A:VAL:HB	1:16:A:SER:H	19	0.62
(6,371)	1:40:A:LEU:HB2	1:41:A:LYS:H	10	0.62
(6,217)	1:44:A:GLU:HG2	1:48:A:ARG:H	10	0.62
(6,142)	1:59:A:CYS:H	1:60:A:LEU:HD21	3	0.62
(6,142)	1:59:A:CYS:H	1:60:A:LEU:HD22	3	0.62
(6,142)	1:59:A:CYS:H	1:60:A:LEU:HD23	3	0.62
(6,38)	1:98:A:ILE:H	1:105:A:LYS:HA	17	0.62
(5,2179)	1:55:A:GLY:H	1:122:A:ASP:HB2	3	0.62
(5,2179)	1:55:A:GLY:H	1:122:A:ASP:HB3	3	0.62
(5,2144)	1:43:A:MET:HG2	1:144:A:LEU:HD11	19	0.62
(5,2144)	1:43:A:MET:HG2	1:144:A:LEU:HD12	19	0.62
(5,2144)	1:43:A:MET:HG2	1:144:A:LEU:HD13	19	0.62
(5,2144)	1:43:A:MET:HG2	1:144:A:LEU:HD21	19	0.62
(5,2144)	1:43:A:MET:HG2	1:144:A:LEU:HD22	19	0.62
(5,2144)	1:43:A:MET:HG2	1:144:A:LEU:HD23	19	0.62
(5,2144)	1:43:A:MET:HG3	1:144:A:LEU:HD11	19	0.62
(5,2144)	1:43:A:MET:HG3	1:144:A:LEU:HD12	19	0.62
(5,2144)	1:43:A:MET:HG3	1:144:A:LEU:HD13	19	0.62
(5,2144)	1:43:A:MET:HG3	1:144:A:LEU:HD21	19	0.62
(5,2144)	1:43:A:MET:HG3	1:144:A:LEU:HD22	19	0.62
(5,2144)	1:43:A:MET:HG3	1:144:A:LEU:HD23	19	0.62
(5,2126)	1:40:A:LEU:HD11	1:44:A:GLU:H	19	0.62
(5,2126)	1:40:A:LEU:HD12	1:44:A:GLU:H	19	0.62
(5,2126)	1:40:A:LEU:HD13	1:44:A:GLU:H	19	0.62
(5,2126)	1:40:A:LEU:HD21	1:44:A:GLU:H	19	0.62
(5,2126)	1:40:A:LEU:HD22	1:44:A:GLU:H	19	0.62
(5,2126)	1:40:A:LEU:HD23	1:44:A:GLU:H	19	0.62
(5,2124)	1:40:A:LEU:HD11	1:43:A:MET:H	12	0.62
(5,2124)	1:40:A:LEU:HD12	1:43:A:MET:H	12	0.62
(5,2124)	1:40:A:LEU:HD13	1:43:A:MET:H	12	0.62
(5,2124)	1:40:A:LEU:HD21	1:43:A:MET:H	12	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2124)	1:40:A:LEU:HD22	1:43:A:MET:H	12	0.62
(5,2124)	1:40:A:LEU:HD23	1:43:A:MET:H	12	0.62
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD11	19	0.62
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD12	19	0.62
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD13	19	0.62
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD21	19	0.62
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD22	19	0.62
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD23	19	0.62
(5,2029)	1:23:A:LEU:HD11	1:27:A:ARG:HA	8	0.62
(5,2029)	1:23:A:LEU:HD12	1:27:A:ARG:HA	8	0.62
(5,2029)	1:23:A:LEU:HD13	1:27:A:ARG:HA	8	0.62
(5,2029)	1:23:A:LEU:HD21	1:27:A:ARG:HA	8	0.62
(5,2029)	1:23:A:LEU:HD22	1:27:A:ARG:HA	8	0.62
(5,2029)	1:23:A:LEU:HD23	1:27:A:ARG:HA	8	0.62
(5,1985)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	11	0.62
(5,1985)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	11	0.62
(5,1985)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	11	0.62
(5,1985)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	11	0.62
(5,1985)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	11	0.62
(5,1985)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	11	0.62
(5,1973)	1:12:A:VAL:HA	1:40:A:LEU:HD11	3	0.62
(5,1973)	1:12:A:VAL:HA	1:40:A:LEU:HD12	3	0.62
(5,1973)	1:12:A:VAL:HA	1:40:A:LEU:HD13	3	0.62
(5,1973)	1:12:A:VAL:HA	1:40:A:LEU:HD21	3	0.62
(5,1973)	1:12:A:VAL:HA	1:40:A:LEU:HD22	3	0.62
(5,1973)	1:12:A:VAL:HA	1:40:A:LEU:HD23	3	0.62
(5,1786)	1:141:A:LYS:HA	1:148:A:CYS:H	12	0.62
(5,1749)	1:21:A:THR:HG21	1:24:A:ASP:HB2	4	0.62
(5,1749)	1:21:A:THR:HG21	1:24:A:ASP:HB3	4	0.62
(5,1749)	1:21:A:THR:HG22	1:24:A:ASP:HB2	4	0.62
(5,1749)	1:21:A:THR:HG22	1:24:A:ASP:HB3	4	0.62
(5,1749)	1:21:A:THR:HG23	1:24:A:ASP:HB2	4	0.62
(5,1749)	1:21:A:THR:HG23	1:24:A:ASP:HB3	4	0.62
(5,1565)	1:40:A:LEU:HD21	1:43:A:MET:H	18	0.62
(5,1565)	1:40:A:LEU:HD22	1:43:A:MET:H	18	0.62
(5,1565)	1:40:A:LEU:HD23	1:43:A:MET:H	18	0.62
(5,1499)	1:101:A:ILE:HG21	1:103:A:ARG:HA	19	0.62
(5,1499)	1:101:A:ILE:HG22	1:103:A:ARG:HA	19	0.62
(5,1499)	1:101:A:ILE:HG23	1:103:A:ARG:HA	19	0.62
(5,1462)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	8	0.62
(5,1462)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	8	0.62
(5,1280)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	12	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1280)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	12	0.62
(5,1280)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	12	0.62
(5,1280)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	12	0.62
(5,1280)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	12	0.62
(5,1280)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	12	0.62
(5,1280)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	13	0.62
(5,1280)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	13	0.62
(5,1280)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	13	0.62
(5,1280)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	13	0.62
(5,1280)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	13	0.62
(5,1280)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	13	0.62
(5,1267)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	15	0.62
(5,1267)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	15	0.62
(5,1267)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	15	0.62
(5,1267)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	15	0.62
(5,1267)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	15	0.62
(5,1267)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	15	0.62
(5,1267)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	15	0.62
(5,1267)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	15	0.62
(5,1267)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	15	0.62
(5,1173)	1:34:A:LYS:HG2	1:35:A:LEU:H	19	0.62
(5,1173)	1:34:A:LYS:HG3	1:35:A:LEU:H	19	0.62
(5,1075)	1:54:A:ARG:HA	1:58:A:ILE:HB	16	0.62
(5,1013)	1:27:A:ARG:HB2	1:28:A:GLY:H	17	0.62
(5,887)	1:11:A:ILE:HB	1:44:A:GLU:HG3	19	0.62
(5,819)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	14	0.62
(5,819)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	14	0.62
(5,819)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	14	0.62
(5,819)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	14	0.62
(5,819)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	14	0.62
(5,819)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	14	0.62
(5,670)	1:63:A:ILE:HG12	1:117:A:VAL:H	7	0.62
(5,630)	1:9:A:PHE:HE1	1:15:A:ALA:H	18	0.62
(5,630)	1:9:A:PHE:HE2	1:15:A:ALA:H	18	0.62
(5,487)	1:105:A:LYS:H	1:105:A:LYS:HD2	19	0.62
(5,487)	1:105:A:LYS:H	1:105:A:LYS:HD3	19	0.62
(5,260)	1:14:A:VAL:HG11	1:15:A:ALA:H	4	0.62
(5,260)	1:14:A:VAL:HG12	1:15:A:ALA:H	4	0.62
(5,260)	1:14:A:VAL:HG13	1:15:A:ALA:H	4	0.62
(5,260)	1:14:A:VAL:HG11	1:15:A:ALA:H	9	0.62
(5,260)	1:14:A:VAL:HG12	1:15:A:ALA:H	9	0.62
(5,260)	1:14:A:VAL:HG13	1:15:A:ALA:H	9	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2289)	1:98:A:ILE:H	1:104:A:PHE:HB2	6	0.62
(4,2289)	1:98:A:ILE:H	1:104:A:PHE:HB3	6	0.62
(4,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB2	7	0.62
(4,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB3	7	0.62
(4,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB2	7	0.62
(4,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB3	7	0.62
(4,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB2	7	0.62
(4,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB3	7	0.62
(4,2145)	1:43:A:MET:HE1	1:46:A:ASN:HB2	8	0.62
(4,2145)	1:43:A:MET:HE1	1:46:A:ASN:HB3	8	0.62
(4,2145)	1:43:A:MET:HE2	1:46:A:ASN:HB2	8	0.62
(4,2145)	1:43:A:MET:HE2	1:46:A:ASN:HB3	8	0.62
(4,2145)	1:43:A:MET:HE3	1:46:A:ASN:HB2	8	0.62
(4,2145)	1:43:A:MET:HE3	1:46:A:ASN:HB3	8	0.62
(4,2079)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	1	0.62
(4,2079)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	1	0.62
(4,2079)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	1	0.62
(4,2079)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	1	0.62
(4,2079)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	1	0.62
(4,2079)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	1	0.62
(4,2029)	1:21:A:THR:HG21	1:23:A:LEU:HD11	10	0.62
(4,2029)	1:21:A:THR:HG21	1:23:A:LEU:HD12	10	0.62
(4,2029)	1:21:A:THR:HG21	1:23:A:LEU:HD13	10	0.62
(4,2029)	1:21:A:THR:HG21	1:23:A:LEU:HD21	10	0.62
(4,2029)	1:21:A:THR:HG21	1:23:A:LEU:HD22	10	0.62
(4,2029)	1:21:A:THR:HG21	1:23:A:LEU:HD23	10	0.62
(4,2029)	1:21:A:THR:HG22	1:23:A:LEU:HD11	10	0.62
(4,2029)	1:21:A:THR:HG22	1:23:A:LEU:HD12	10	0.62
(4,2029)	1:21:A:THR:HG22	1:23:A:LEU:HD13	10	0.62
(4,2029)	1:21:A:THR:HG22	1:23:A:LEU:HD21	10	0.62
(4,2029)	1:21:A:THR:HG22	1:23:A:LEU:HD22	10	0.62
(4,2029)	1:21:A:THR:HG22	1:23:A:LEU:HD23	10	0.62
(4,2029)	1:21:A:THR:HG23	1:23:A:LEU:HD11	10	0.62
(4,2029)	1:21:A:THR:HG23	1:23:A:LEU:HD12	10	0.62
(4,2029)	1:21:A:THR:HG23	1:23:A:LEU:HD13	10	0.62
(4,2029)	1:21:A:THR:HG23	1:23:A:LEU:HD21	10	0.62
(4,2029)	1:21:A:THR:HG23	1:23:A:LEU:HD22	10	0.62
(4,2029)	1:21:A:THR:HG23	1:23:A:LEU:HD23	10	0.62
(4,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	7	0.62
(4,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	7	0.62
(4,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	7	0.62
(4,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	7	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	7	0.62
(4,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	7	0.62
(4,1947)	1:11:A:ILE:HD11	1:43:A:MET:HB2	14	0.62
(4,1947)	1:11:A:ILE:HD11	1:43:A:MET:HB3	14	0.62
(4,1947)	1:11:A:ILE:HD12	1:43:A:MET:HB2	14	0.62
(4,1947)	1:11:A:ILE:HD12	1:43:A:MET:HB3	14	0.62
(4,1947)	1:11:A:ILE:HD13	1:43:A:MET:HB2	14	0.62
(4,1947)	1:11:A:ILE:HD13	1:43:A:MET:HB3	14	0.62
(4,1561)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	6	0.62
(4,1561)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	6	0.62
(4,1561)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	6	0.62
(4,1561)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	6	0.62
(4,1561)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	6	0.62
(4,1561)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	6	0.62
(4,1561)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	6	0.62
(4,1561)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	6	0.62
(4,1561)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	6	0.62
(4,1499)	1:69:A:MET:HE1	1:115:A:ALA:H	10	0.62
(4,1499)	1:69:A:MET:HE2	1:115:A:ALA:H	10	0.62
(4,1499)	1:69:A:MET:HE3	1:115:A:ALA:H	10	0.62
(4,1145)	1:34:A:LYS:HG2	1:35:A:LEU:H	19	0.62
(4,1145)	1:34:A:LYS:HG3	1:35:A:LEU:H	19	0.62
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB1	6	0.62
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB2	6	0.62
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB3	6	0.62
(4,917)	1:125:A:THR:HB	1:128:A:LEU:HD11	5	0.62
(4,917)	1:125:A:THR:HB	1:128:A:LEU:HD12	5	0.62
(4,917)	1:125:A:THR:HB	1:128:A:LEU:HD13	5	0.62
(4,749)	1:37:A:LEU:H	1:40:A:LEU:HB3	13	0.62
(4,703)	1:48:A:ARG:HE	1:49:A:LYS:HA	6	0.62
(4,697)	1:23:A:LEU:HB2	1:27:A:ARG:HE	11	0.62
(4,697)	1:23:A:LEU:HB3	1:27:A:ARG:HE	11	0.62
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB2	2	0.62
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB3	2	0.62
(4,479)	1:98:A:ILE:H	1:105:A:LYS:H	5	0.62
(4,11)	1:64:A:LYS:H	1:116:A:GLN:HG2	8	0.62
(3,2499)	1:140:A:LEU:HD11	1:144:A:LEU:H	10	0.62
(3,2499)	1:140:A:LEU:HD12	1:144:A:LEU:H	10	0.62
(3,2499)	1:140:A:LEU:HD13	1:144:A:LEU:H	10	0.62
(3,2499)	1:140:A:LEU:HD21	1:144:A:LEU:H	10	0.62
(3,2499)	1:140:A:LEU:HD22	1:144:A:LEU:H	10	0.62
(3,2499)	1:140:A:LEU:HD23	1:144:A:LEU:H	10	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2499)	1:140:A:LEU:HD11	1:144:A:LEU:H	16	0.62
(3,2499)	1:140:A:LEU:HD12	1:144:A:LEU:H	16	0.62
(3,2499)	1:140:A:LEU:HD13	1:144:A:LEU:H	16	0.62
(3,2499)	1:140:A:LEU:HD21	1:144:A:LEU:H	16	0.62
(3,2499)	1:140:A:LEU:HD22	1:144:A:LEU:H	16	0.62
(3,2499)	1:140:A:LEU:HD23	1:144:A:LEU:H	16	0.62
(3,2466)	1:134:A:VAL:HG11	1:137:A:SER:HB2	18	0.62
(3,2466)	1:134:A:VAL:HG11	1:137:A:SER:HB3	18	0.62
(3,2466)	1:134:A:VAL:HG12	1:137:A:SER:HB2	18	0.62
(3,2466)	1:134:A:VAL:HG12	1:137:A:SER:HB3	18	0.62
(3,2466)	1:134:A:VAL:HG13	1:137:A:SER:HB2	18	0.62
(3,2466)	1:134:A:VAL:HG13	1:137:A:SER:HB3	18	0.62
(3,2466)	1:134:A:VAL:HG21	1:137:A:SER:HB2	18	0.62
(3,2466)	1:134:A:VAL:HG21	1:137:A:SER:HB3	18	0.62
(3,2466)	1:134:A:VAL:HG22	1:137:A:SER:HB2	18	0.62
(3,2466)	1:134:A:VAL:HG22	1:137:A:SER:HB3	18	0.62
(3,2466)	1:134:A:VAL:HG23	1:137:A:SER:HB2	18	0.62
(3,2466)	1:134:A:VAL:HG23	1:137:A:SER:HB3	18	0.62
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE1	18	0.62
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE2	18	0.62
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE3	18	0.62
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE1	18	0.62
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE2	18	0.62
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE3	18	0.62
(3,2233)	1:60:A:LEU:HD11	1:123:A:CYS:H	16	0.62
(3,2233)	1:60:A:LEU:HD12	1:123:A:CYS:H	16	0.62
(3,2233)	1:60:A:LEU:HD13	1:123:A:CYS:H	16	0.62
(3,2233)	1:60:A:LEU:HD21	1:123:A:CYS:H	16	0.62
(3,2233)	1:60:A:LEU:HD22	1:123:A:CYS:H	16	0.62
(3,2233)	1:60:A:LEU:HD23	1:123:A:CYS:H	16	0.62
(3,2232)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	5	0.62
(3,2232)	1:60:A:LEU:HD11	1:122:A:ASP:HB3	5	0.62
(3,2232)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	5	0.62
(3,2232)	1:60:A:LEU:HD12	1:122:A:ASP:HB3	5	0.62
(3,2232)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	5	0.62
(3,2232)	1:60:A:LEU:HD13	1:122:A:ASP:HB3	5	0.62
(3,2232)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	5	0.62
(3,2232)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	5	0.62
(3,2232)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	5	0.62
(3,2232)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	5	0.62
(3,2232)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	5	0.62
(3,2232)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	5	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1921)	1:18:A:PHE:HE1	1:131:A:LEU:H	18	0.62
(3,1921)	1:18:A:PHE:HE2	1:131:A:LEU:H	18	0.62
(3,1848)	1:9:A:PHE:HZ	1:44:A:GLU:HB2	10	0.62
(3,1848)	1:9:A:PHE:HZ	1:44:A:GLU:HB3	10	0.62
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD1	17	0.62
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD2	17	0.62
(3,1758)	1:19:A:ALA:HB1	1:21:A:THR:HG21	11	0.62
(3,1758)	1:19:A:ALA:HB1	1:21:A:THR:HG22	11	0.62
(3,1758)	1:19:A:ALA:HB1	1:21:A:THR:HG23	11	0.62
(3,1758)	1:19:A:ALA:HB2	1:21:A:THR:HG21	11	0.62
(3,1758)	1:19:A:ALA:HB2	1:21:A:THR:HG22	11	0.62
(3,1758)	1:19:A:ALA:HB2	1:21:A:THR:HG23	11	0.62
(3,1758)	1:19:A:ALA:HB3	1:21:A:THR:HG21	11	0.62
(3,1758)	1:19:A:ALA:HB3	1:21:A:THR:HG22	11	0.62
(3,1758)	1:19:A:ALA:HB3	1:21:A:THR:HG23	11	0.62
(3,1612)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	6	0.62
(3,1612)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	6	0.62
(3,1612)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	6	0.62
(3,1612)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	6	0.62
(3,1612)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	6	0.62
(3,1612)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	6	0.62
(3,1612)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	6	0.62
(3,1612)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	6	0.62
(3,1612)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	6	0.62
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD11	5	0.62
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD12	5	0.62
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD13	5	0.62
(3,1549)	1:69:A:MET:HE1	1:110:A:MET:HA	5	0.62
(3,1549)	1:69:A:MET:HE2	1:110:A:MET:HA	5	0.62
(3,1549)	1:69:A:MET:HE3	1:110:A:MET:HA	5	0.62
(3,1542)	1:69:A:MET:HE1	1:115:A:ALA:H	10	0.62
(3,1542)	1:69:A:MET:HE2	1:115:A:ALA:H	10	0.62
(3,1542)	1:69:A:MET:HE3	1:115:A:ALA:H	10	0.62
(3,1302)	1:44:A:GLU:HG2	1:45:A:ALA:HA	16	0.62
(3,1276)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	7	0.62
(3,1276)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	7	0.62
(3,1276)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	7	0.62
(3,1276)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	7	0.62
(3,1276)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	7	0.62
(3,1276)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	7	0.62
(3,1276)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	7	0.62
(3,1276)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	7	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1276)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	7	0.62
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD21	18	0.62
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD22	18	0.62
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD23	18	0.62
(3,1103)	1:45:A:ALA:HA	1:48:A:ARG:HG2	2	0.62
(3,1103)	1:45:A:ALA:HA	1:48:A:ARG:HG3	2	0.62
(3,1024)	1:27:A:ARG:HB2	1:28:A:GLY:H	17	0.62
(3,937)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	3	0.62
(3,937)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	3	0.62
(3,937)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	3	0.62
(3,772)	1:37:A:LEU:H	1:40:A:LEU:HB3	13	0.62
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB2	2	0.62
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB3	2	0.62
(3,350)	1:73:A:ILE:HD11	1:111:A:GLU:H	15	0.62
(3,350)	1:73:A:ILE:HD12	1:111:A:GLU:H	15	0.62
(3,350)	1:73:A:ILE:HD13	1:111:A:GLU:H	15	0.62
(2,2440)	1:137:A:SER:HB2	1:140:A:LEU:HB2	19	0.62
(2,2440)	1:137:A:SER:HB3	1:140:A:LEU:HB2	19	0.62
(2,2144)	1:40:A:LEU:HD11	1:44:A:GLU:H	19	0.62
(2,2144)	1:40:A:LEU:HD12	1:44:A:GLU:H	19	0.62
(2,2144)	1:40:A:LEU:HD13	1:44:A:GLU:H	19	0.62
(2,2144)	1:40:A:LEU:HD21	1:44:A:GLU:H	19	0.62
(2,2144)	1:40:A:LEU:HD22	1:44:A:GLU:H	19	0.62
(2,2144)	1:40:A:LEU:HD23	1:44:A:GLU:H	19	0.62
(2,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD11	10	0.62
(2,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD12	10	0.62
(2,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD13	10	0.62
(2,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD21	10	0.62
(2,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD22	10	0.62
(2,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD23	10	0.62
(2,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD11	10	0.62
(2,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD12	10	0.62
(2,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD13	10	0.62
(2,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD21	10	0.62
(2,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD22	10	0.62
(2,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD23	10	0.62
(2,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD11	10	0.62
(2,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD12	10	0.62
(2,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD13	10	0.62
(2,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD21	10	0.62
(2,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD22	10	0.62
(2,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD23	10	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE1	5	0.62
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE2	5	0.62
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE3	5	0.62
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE1	5	0.62
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE2	5	0.62
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE3	5	0.62
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE1	5	0.62
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE2	5	0.62
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE3	5	0.62
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE1	5	0.62
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE2	5	0.62
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE3	5	0.62
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE1	5	0.62
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE2	5	0.62
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE3	5	0.62
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE1	5	0.62
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE2	5	0.62
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE3	5	0.62
(2,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD11	3	0.62
(2,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD12	3	0.62
(2,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD13	3	0.62
(2,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD21	3	0.62
(2,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD22	3	0.62
(2,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD23	3	0.62
(2,1935)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	10	0.62
(2,1935)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	10	0.62
(2,1919)	1:18:A:PHE:HE1	1:131:A:LEU:H	18	0.62
(2,1919)	1:18:A:PHE:HE2	1:131:A:LEU:H	18	0.62
(2,1846)	1:9:A:PHE:HZ	1:44:A:GLU:HB2	10	0.62
(2,1846)	1:9:A:PHE:HZ	1:44:A:GLU:HB3	10	0.62
(2,1783)	1:39:A:VAL:HG21	1:144:A:LEU:H	2	0.62
(2,1783)	1:39:A:VAL:HG22	1:144:A:LEU:H	2	0.62
(2,1783)	1:39:A:VAL:HG23	1:144:A:LEU:H	2	0.62
(2,1593)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	6	0.62
(2,1593)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	6	0.62
(2,1593)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	6	0.62
(2,1593)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	6	0.62
(2,1593)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	6	0.62
(2,1593)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	6	0.62
(2,1593)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	6	0.62
(2,1593)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	6	0.62
(2,1593)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	6	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1519)	1:69:A:MET:HE1	1:115:A:ALA:H	10	0.62
(2,1519)	1:69:A:MET:HE2	1:115:A:ALA:H	10	0.62
(2,1519)	1:69:A:MET:HE3	1:115:A:ALA:H	10	0.62
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE1	16	0.62
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE2	16	0.62
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE3	16	0.62
(2,1449)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	8	0.62
(2,1449)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	8	0.62
(2,1440)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	3	0.62
(2,1440)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	3	0.62
(2,1440)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	3	0.62
(2,1277)	1:15:A:ALA:HA	1:131:A:LEU:HG	8	0.62
(2,1241)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	17	0.62
(2,1241)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	17	0.62
(2,1241)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	17	0.62
(2,1241)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	17	0.62
(2,1241)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	17	0.62
(2,1241)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	17	0.62
(2,1188)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	13	0.62
(2,1188)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	13	0.62
(2,1188)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	13	0.62
(2,1188)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	13	0.62
(2,1188)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	13	0.62
(2,1188)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	13	0.62
(2,1155)	1:34:A:LYS:HG2	1:35:A:LEU:H	19	0.62
(2,1155)	1:34:A:LYS:HG3	1:35:A:LEU:H	19	0.62
(2,1145)	1:13:A:ALA:HB1	1:80:A:TYR:HA	3	0.62
(2,1145)	1:13:A:ALA:HB2	1:80:A:TYR:HA	3	0.62
(2,1145)	1:13:A:ALA:HB3	1:80:A:TYR:HA	3	0.62
(2,1002)	1:27:A:ARG:HB2	1:28:A:GLY:H	17	0.62
(2,985)	1:63:A:ILE:HA	1:64:A:LYS:HD2	11	0.62
(2,985)	1:63:A:ILE:HA	1:64:A:LYS:HD3	11	0.62
(2,951)	1:15:A:ALA:HB1	1:43:A:MET:HB2	8	0.62
(2,951)	1:15:A:ALA:HB2	1:43:A:MET:HB2	8	0.62
(2,951)	1:15:A:ALA:HB3	1:43:A:MET:HB2	8	0.62
(2,942)	1:39:A:VAL:HA	1:43:A:MET:HG2	4	0.62
(2,913)	1:125:A:THR:HB	1:128:A:LEU:HD11	5	0.62
(2,913)	1:125:A:THR:HB	1:128:A:LEU:HD12	5	0.62
(2,913)	1:125:A:THR:HB	1:128:A:LEU:HD13	5	0.62
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD21	8	0.62
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD22	8	0.62
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD23	8	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,486)	1:98:A:ILE:H	1:105:A:LYS:H	5	0.62
(2,142)	1:59:A:CYS:H	1:60:A:LEU:HD21	3	0.62
(2,142)	1:59:A:CYS:H	1:60:A:LEU:HD22	3	0.62
(2,142)	1:59:A:CYS:H	1:60:A:LEU:HD23	3	0.62
(2,117)	1:10:A:ASN:HD22	1:80:A:TYR:H	12	0.62
(2,38)	1:43:A:MET:HA	1:47:A:ALA:H	15	0.62
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG11	15	0.62
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG12	15	0.62
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG13	15	0.62
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG21	15	0.62
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG22	15	0.62
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG23	15	0.62
(1,1958)	1:12:A:VAL:HA	1:40:A:LEU:HD11	3	0.62
(1,1958)	1:12:A:VAL:HA	1:40:A:LEU:HD12	3	0.62
(1,1958)	1:12:A:VAL:HA	1:40:A:LEU:HD13	3	0.62
(1,1958)	1:12:A:VAL:HA	1:40:A:LEU:HD21	3	0.62
(1,1958)	1:12:A:VAL:HA	1:40:A:LEU:HD22	3	0.62
(1,1958)	1:12:A:VAL:HA	1:40:A:LEU:HD23	3	0.62
(1,1920)	1:150:A:THR:H	1:151:A:PHE:HD1	5	0.62
(1,1920)	1:150:A:THR:H	1:151:A:PHE:HD2	5	0.62
(1,1832)	1:9:A:PHE:HZ	1:44:A:GLU:HB2	10	0.62
(1,1832)	1:9:A:PHE:HZ	1:44:A:GLU:HB3	10	0.62
(1,1830)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	19	0.62
(1,1830)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	19	0.62
(1,1538)	1:69:A:MET:HE1	1:110:A:MET:HA	5	0.62
(1,1538)	1:69:A:MET:HE2	1:110:A:MET:HA	5	0.62
(1,1538)	1:69:A:MET:HE3	1:110:A:MET:HA	5	0.62
(1,1345)	1:125:A:THR:HG21	1:128:A:LEU:HB2	7	0.62
(1,1345)	1:125:A:THR:HG22	1:128:A:LEU:HB2	7	0.62
(1,1345)	1:125:A:THR:HG23	1:128:A:LEU:HB2	7	0.62
(1,1260)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	15	0.62
(1,1260)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	15	0.62
(1,1260)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	15	0.62
(1,1260)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	15	0.62
(1,1260)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	15	0.62
(1,1260)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	15	0.62
(1,1260)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	15	0.62
(1,1260)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	15	0.62
(1,1260)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	15	0.62
(1,1095)	1:45:A:ALA:HA	1:48:A:ARG:HG2	3	0.62
(1,1095)	1:45:A:ALA:HA	1:48:A:ARG:HG3	3	0.62
(1,1079)	1:54:A:ARG:HA	1:58:A:ILE:HG13	8	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1028)	1:66:A:THR:HG21	1:96:A:VAL:HA	18	0.62
(1,1028)	1:66:A:THR:HG22	1:96:A:VAL:HA	18	0.62
(1,1028)	1:66:A:THR:HG23	1:96:A:VAL:HA	18	0.62
(1,941)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	3	0.62
(1,941)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	3	0.62
(1,941)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	3	0.62
(1,387)	1:62:A:HIS:H	1:63:A:ILE:HG13	17	0.62
(1,11)	1:64:A:LYS:H	1:116:A:GLN:HE21	8	0.62
(34,2241)	1:69:A:MET:HG2	1:109:A:PRO:HA	8	0.61
(34,2241)	1:69:A:MET:HG3	1:109:A:PRO:HA	8	0.61
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	12	0.61
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	12	0.61
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	12	0.61
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	12	0.61
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	12	0.61
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	12	0.61
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	12	0.61
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	12	0.61
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	12	0.61
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	12	0.61
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	12	0.61
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	12	0.61
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	12	0.61
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	12	0.61
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	12	0.61
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	12	0.61
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	12	0.61
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	12	0.61
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD11	17	0.61
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD12	17	0.61
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD13	17	0.61
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD21	17	0.61
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD22	17	0.61
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD23	17	0.61
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD11	17	0.61
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD12	17	0.61
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD13	17	0.61
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD21	17	0.61
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD22	17	0.61
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD23	17	0.61
(34,1921)	1:58:A:ILE:HA	1:62:A:HIS:HE1	5	0.61
(34,1910)	1:18:A:PHE:HA	1:113:A:PHE:HE1	13	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1910)	1:18:A:PHE:HA	1:113:A:PHE:HE2	13	0.61
(34,1900)	1:18:A:PHE:HE1	1:131:A:LEU:H	11	0.61
(34,1900)	1:18:A:PHE:HE2	1:131:A:LEU:H	11	0.61
(34,1890)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	4	0.61
(34,1890)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	4	0.61
(34,1890)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	4	0.61
(34,1890)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	4	0.61
(34,1743)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	3	0.61
(34,1743)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	3	0.61
(34,1743)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	3	0.61
(34,1735)	1:19:A:ALA:HB1	1:21:A:THR:HG21	11	0.61
(34,1735)	1:19:A:ALA:HB1	1:21:A:THR:HG22	11	0.61
(34,1735)	1:19:A:ALA:HB1	1:21:A:THR:HG23	11	0.61
(34,1735)	1:19:A:ALA:HB2	1:21:A:THR:HG21	11	0.61
(34,1735)	1:19:A:ALA:HB2	1:21:A:THR:HG22	11	0.61
(34,1735)	1:19:A:ALA:HB2	1:21:A:THR:HG23	11	0.61
(34,1735)	1:19:A:ALA:HB3	1:21:A:THR:HG21	11	0.61
(34,1735)	1:19:A:ALA:HB3	1:21:A:THR:HG22	11	0.61
(34,1735)	1:19:A:ALA:HB3	1:21:A:THR:HG23	11	0.61
(34,1546)	1:66:A:THR:HG21	1:69:A:MET:HE1	6	0.61
(34,1546)	1:66:A:THR:HG21	1:69:A:MET:HE2	6	0.61
(34,1546)	1:66:A:THR:HG21	1:69:A:MET:HE3	6	0.61
(34,1546)	1:66:A:THR:HG22	1:69:A:MET:HE1	6	0.61
(34,1546)	1:66:A:THR:HG22	1:69:A:MET:HE2	6	0.61
(34,1546)	1:66:A:THR:HG22	1:69:A:MET:HE3	6	0.61
(34,1546)	1:66:A:THR:HG23	1:69:A:MET:HE1	6	0.61
(34,1546)	1:66:A:THR:HG23	1:69:A:MET:HE2	6	0.61
(34,1546)	1:66:A:THR:HG23	1:69:A:MET:HE3	6	0.61
(34,1379)	1:118:A:ASP:HA	1:121:A:VAL:HG11	6	0.61
(34,1379)	1:118:A:ASP:HA	1:121:A:VAL:HG12	6	0.61
(34,1379)	1:118:A:ASP:HA	1:121:A:VAL:HG13	6	0.61
(34,1347)	1:106:A:ASP:HA	1:112:A:GLN:HE21	5	0.61
(34,1281)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	10	0.61
(34,1281)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	10	0.61
(34,1281)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	10	0.61
(34,1275)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	7	0.61
(34,1275)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	7	0.61
(34,1275)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	7	0.61
(34,1275)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	7	0.61
(34,1275)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	7	0.61
(34,1275)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	7	0.61
(34,1256)	1:143:A:TRP:H	1:144:A:LEU:HD11	8	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1256)	1:143:A:TRP:H	1:144:A:LEU:HD12	8	0.61
(34,1256)	1:143:A:TRP:H	1:144:A:LEU:HD13	8	0.61
(34,1233)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	6	0.61
(34,1233)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	6	0.61
(34,1233)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	6	0.61
(34,1233)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	6	0.61
(34,1233)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	6	0.61
(34,1233)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	6	0.61
(34,1140)	1:41:A:LYS:HA	1:44:A:GLU:HG2	11	0.61
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD11	10	0.61
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD12	10	0.61
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD13	10	0.61
(34,1057)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	5	0.61
(34,950)	1:79:A:THR:HG21	1:81:A:GLU:HG2	6	0.61
(34,950)	1:79:A:THR:HG21	1:81:A:GLU:HG3	6	0.61
(34,950)	1:79:A:THR:HG22	1:81:A:GLU:HG2	6	0.61
(34,950)	1:79:A:THR:HG22	1:81:A:GLU:HG3	6	0.61
(34,950)	1:79:A:THR:HG23	1:81:A:GLU:HG2	6	0.61
(34,950)	1:79:A:THR:HG23	1:81:A:GLU:HG3	6	0.61
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD11	5	0.61
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD12	5	0.61
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD13	5	0.61
(34,899)	1:151:A:PHE:H	1:151:A:PHE:HB3	9	0.61
(34,846)	1:48:A:ARG:HA	1:48:A:ARG:HD2	1	0.61
(34,846)	1:48:A:ARG:HA	1:48:A:ARG:HD3	1	0.61
(34,801)	1:63:A:ILE:HD11	1:117:A:VAL:HB	13	0.61
(34,801)	1:63:A:ILE:HD12	1:117:A:VAL:HB	13	0.61
(34,801)	1:63:A:ILE:HD13	1:117:A:VAL:HB	13	0.61
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	11	0.61
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	11	0.61
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	11	0.61
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	11	0.61
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	11	0.61
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	11	0.61
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG11	16	0.61
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG12	16	0.61
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG13	16	0.61
(34,666)	1:101:A:ILE:HB	1:103:A:ARG:H	16	0.61
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD21	11	0.61
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD22	11	0.61
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD23	11	0.61
(34,505)	1:97:A:ASP:HB2	1:105:A:LYS:H	4	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,505)	1:97:A:ASP:HB3	1:105:A:LYS:H	4	0.61
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG11	12	0.61
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG12	12	0.61
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG13	12	0.61
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG21	12	0.61
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG22	12	0.61
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG23	12	0.61
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG11	12	0.61
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG12	12	0.61
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG13	12	0.61
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG21	12	0.61
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG22	12	0.61
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG23	12	0.61
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG11	12	0.61
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG12	12	0.61
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG13	12	0.61
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG21	12	0.61
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG22	12	0.61
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG23	12	0.61
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD11	12	0.61
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD12	12	0.61
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD13	12	0.61
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD21	12	0.61
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD22	12	0.61
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD23	12	0.61
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD11	4	0.61
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD12	4	0.61
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD13	4	0.61
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD21	4	0.61
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD22	4	0.61
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD23	4	0.61
(33,2086)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	18	0.61
(33,2086)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	18	0.61
(33,2086)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	18	0.61
(33,2086)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	18	0.61
(33,2086)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	18	0.61
(33,2086)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	18	0.61
(33,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD11	10	0.61
(33,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD12	10	0.61
(33,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD13	10	0.61
(33,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD21	10	0.61
(33,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD22	10	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2032)	1:21:A:THR:HG21	1:23:A:LEU:HD23	10	0.61
(33,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD11	10	0.61
(33,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD12	10	0.61
(33,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD13	10	0.61
(33,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD21	10	0.61
(33,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD22	10	0.61
(33,2032)	1:21:A:THR:HG22	1:23:A:LEU:HD23	10	0.61
(33,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD11	10	0.61
(33,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD12	10	0.61
(33,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD13	10	0.61
(33,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD21	10	0.61
(33,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD22	10	0.61
(33,2032)	1:21:A:THR:HG23	1:23:A:LEU:HD23	10	0.61
(33,1892)	1:18:A:PHE:HE1	1:131:A:LEU:H	11	0.61
(33,1892)	1:18:A:PHE:HE2	1:131:A:LEU:H	11	0.61
(33,1877)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	18	0.61
(33,1877)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	18	0.61
(33,1876)	1:14:A:VAL:HA	1:18:A:PHE:HD1	6	0.61
(33,1876)	1:14:A:VAL:HA	1:18:A:PHE:HD2	6	0.61
(33,1788)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	4	0.61
(33,1788)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	4	0.61
(33,1788)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	4	0.61
(33,1788)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	4	0.61
(33,1727)	1:100:A:ALA:H	1:102:A:PRO:HD3	19	0.61
(33,1698)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	3	0.61
(33,1698)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	3	0.61
(33,1643)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	7	0.61
(33,1643)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	7	0.61
(33,1643)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	7	0.61
(33,1643)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	7	0.61
(33,1643)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	7	0.61
(33,1643)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	7	0.61
(33,1643)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	7	0.61
(33,1643)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	7	0.61
(33,1643)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	7	0.61
(33,1570)	1:97:A:ASP:H	1:98:A:ILE:HD11	16	0.61
(33,1570)	1:97:A:ASP:H	1:98:A:ILE:HD12	16	0.61
(33,1570)	1:97:A:ASP:H	1:98:A:ILE:HD13	16	0.61
(33,1567)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	10	0.61
(33,1567)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	10	0.61
(33,1567)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	10	0.61
(33,1567)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	10	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1567)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	10	0.61
(33,1567)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	10	0.61
(33,1567)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	10	0.61
(33,1567)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	10	0.61
(33,1567)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	10	0.61
(33,1523)	1:66:A:THR:HG21	1:69:A:MET:HE1	6	0.61
(33,1523)	1:66:A:THR:HG21	1:69:A:MET:HE2	6	0.61
(33,1523)	1:66:A:THR:HG21	1:69:A:MET:HE3	6	0.61
(33,1523)	1:66:A:THR:HG22	1:69:A:MET:HE1	6	0.61
(33,1523)	1:66:A:THR:HG22	1:69:A:MET:HE2	6	0.61
(33,1523)	1:66:A:THR:HG22	1:69:A:MET:HE3	6	0.61
(33,1523)	1:66:A:THR:HG23	1:69:A:MET:HE1	6	0.61
(33,1523)	1:66:A:THR:HG23	1:69:A:MET:HE2	6	0.61
(33,1523)	1:66:A:THR:HG23	1:69:A:MET:HE3	6	0.61
(33,1470)	1:95:A:ILE:HG21	1:97:A:ASP:H	8	0.61
(33,1470)	1:95:A:ILE:HG22	1:97:A:ASP:H	8	0.61
(33,1470)	1:95:A:ILE:HG23	1:97:A:ASP:H	8	0.61
(33,1294)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	5	0.61
(33,1294)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	5	0.61
(33,1294)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	5	0.61
(33,1253)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	17	0.61
(33,1253)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	17	0.61
(33,1253)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	17	0.61
(33,1253)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	17	0.61
(33,1253)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	17	0.61
(33,1253)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	17	0.61
(33,1214)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	13	0.61
(33,1214)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	13	0.61
(33,1214)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	13	0.61
(33,1214)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	13	0.61
(33,1214)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	13	0.61
(33,1214)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	13	0.61
(33,1157)	1:13:A:ALA:HB1	1:80:A:TYR:HA	17	0.61
(33,1157)	1:13:A:ALA:HB2	1:80:A:TYR:HA	17	0.61
(33,1157)	1:13:A:ALA:HB3	1:80:A:TYR:HA	17	0.61
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	10	0.61
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	10	0.61
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	10	0.61
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	10	0.61
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	10	0.61
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	10	0.61
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	10	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	10	0.61
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	10	0.61
(33,823)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	2	0.61
(33,823)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	2	0.61
(33,823)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	2	0.61
(33,823)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	2	0.61
(33,823)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	2	0.61
(33,823)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	2	0.61
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG11	16	0.61
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG12	16	0.61
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG13	16	0.61
(33,397)	1:105:A:LYS:HG3	1:106:A:ASP:H	13	0.61
(33,74)	1:79:A:THR:HG21	1:81:A:GLU:H	8	0.61
(33,74)	1:79:A:THR:HG22	1:81:A:GLU:H	8	0.61
(33,74)	1:79:A:THR:HG23	1:81:A:GLU:H	8	0.61
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	8	0.61
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	8	0.61
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	8	0.61
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	8	0.61
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	8	0.61
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	8	0.61
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	8	0.61
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	8	0.61
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	8	0.61
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	8	0.61
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	8	0.61
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	8	0.61
(32,2197)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	7	0.61
(32,2197)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	7	0.61
(32,2197)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	7	0.61
(32,2197)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	7	0.61
(32,2197)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	7	0.61
(32,2197)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	7	0.61
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD11	14	0.61
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD12	14	0.61
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD13	14	0.61
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD21	14	0.61
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD22	14	0.61
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD23	14	0.61
(32,2093)	1:39:A:VAL:HG11	1:44:A:GLU:H	4	0.61
(32,2093)	1:39:A:VAL:HG12	1:44:A:GLU:H	4	0.61
(32,2093)	1:39:A:VAL:HG13	1:44:A:GLU:H	4	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2093)	1:39:A:VAL:HG21	1:44:A:GLU:H	4	0.61
(32,2093)	1:39:A:VAL:HG22	1:44:A:GLU:H	4	0.61
(32,2093)	1:39:A:VAL:HG23	1:44:A:GLU:H	4	0.61
(32,2038)	1:31:A:PRO:HD2	1:35:A:LEU:HG	11	0.61
(32,2038)	1:31:A:PRO:HD3	1:35:A:LEU:HG	11	0.61
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD11	12	0.61
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD12	12	0.61
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD13	12	0.61
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD21	12	0.61
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD22	12	0.61
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD23	12	0.61
(32,1877)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	19	0.61
(32,1858)	1:18:A:PHE:HE1	1:131:A:LEU:H	11	0.61
(32,1858)	1:18:A:PHE:HE2	1:131:A:LEU:H	11	0.61
(32,1691)	1:100:A:ALA:H	1:102:A:PRO:HD3	19	0.61
(32,1195)	1:143:A:TRP:H	1:144:A:LEU:HD21	14	0.61
(32,1195)	1:143:A:TRP:H	1:144:A:LEU:HD22	14	0.61
(32,1195)	1:143:A:TRP:H	1:144:A:LEU:HD23	14	0.61
(32,961)	1:105:A:LYS:HD2	1:107:A:LEU:H	2	0.61
(32,961)	1:105:A:LYS:HD3	1:107:A:LEU:H	2	0.61
(32,903)	1:79:A:THR:HG21	1:81:A:GLU:HG2	6	0.61
(32,903)	1:79:A:THR:HG21	1:81:A:GLU:HG3	6	0.61
(32,903)	1:79:A:THR:HG22	1:81:A:GLU:HG2	6	0.61
(32,903)	1:79:A:THR:HG22	1:81:A:GLU:HG3	6	0.61
(32,903)	1:79:A:THR:HG23	1:81:A:GLU:HG2	6	0.61
(32,903)	1:79:A:THR:HG23	1:81:A:GLU:HG3	6	0.61
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	17	0.61
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	17	0.61
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	17	0.61
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	17	0.61
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	17	0.61
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	17	0.61
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	17	0.61
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	17	0.61
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	17	0.61
(32,800)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	2	0.61
(32,800)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	2	0.61
(32,800)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	2	0.61
(32,800)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	2	0.61
(32,800)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	2	0.61
(32,800)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	2	0.61
(32,773)	1:63:A:ILE:HD11	1:117:A:VAL:HB	13	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,773)	1:63:A:ILE:HD12	1:117:A:VAL:HB	13	0.61
(32,773)	1:63:A:ILE:HD13	1:117:A:VAL:HB	13	0.61
(32,598)	1:55:A:GLY:H	1:58:A:ILE:HG13	18	0.61
(32,425)	1:143:A:TRP:H	1:144:A:LEU:HD11	8	0.61
(32,425)	1:143:A:TRP:H	1:144:A:LEU:HD12	8	0.61
(32,425)	1:143:A:TRP:H	1:144:A:LEU:HD13	8	0.61
(32,65)	1:79:A:THR:HG21	1:81:A:GLU:H	8	0.61
(32,65)	1:79:A:THR:HG22	1:81:A:GLU:H	8	0.61
(32,65)	1:79:A:THR:HG23	1:81:A:GLU:H	8	0.61
(30,2257)	1:70:A:LYS:HG2	1:71:A:LYS:H	14	0.61
(30,2257)	1:70:A:LYS:HG3	1:71:A:LYS:H	14	0.61
(30,2257)	1:70:A:LYS:HG2	1:71:A:LYS:H	15	0.61
(30,2257)	1:70:A:LYS:HG3	1:71:A:LYS:H	15	0.61
(30,2056)	1:30:A:LEU:HD11	1:31:A:PRO:HG2	8	0.61
(30,2056)	1:30:A:LEU:HD11	1:31:A:PRO:HG3	8	0.61
(30,2056)	1:30:A:LEU:HD12	1:31:A:PRO:HG2	8	0.61
(30,2056)	1:30:A:LEU:HD12	1:31:A:PRO:HG3	8	0.61
(30,2056)	1:30:A:LEU:HD13	1:31:A:PRO:HG2	8	0.61
(30,2056)	1:30:A:LEU:HD13	1:31:A:PRO:HG3	8	0.61
(30,2056)	1:30:A:LEU:HD21	1:31:A:PRO:HG2	8	0.61
(30,2056)	1:30:A:LEU:HD21	1:31:A:PRO:HG3	8	0.61
(30,2056)	1:30:A:LEU:HD22	1:31:A:PRO:HG2	8	0.61
(30,2056)	1:30:A:LEU:HD22	1:31:A:PRO:HG3	8	0.61
(30,2056)	1:30:A:LEU:HD23	1:31:A:PRO:HG2	8	0.61
(30,2056)	1:30:A:LEU:HD23	1:31:A:PRO:HG3	8	0.61
(30,1894)	1:18:A:PHE:HE1	1:131:A:LEU:H	11	0.61
(30,1894)	1:18:A:PHE:HE2	1:131:A:LEU:H	11	0.61
(30,1740)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	3	0.61
(30,1740)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	3	0.61
(30,1740)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	3	0.61
(30,1658)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	1	0.61
(30,1658)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	1	0.61
(30,1658)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	1	0.61
(30,1658)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	1	0.61
(30,1658)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	1	0.61
(30,1658)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	1	0.61
(30,1658)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	1	0.61
(30,1658)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	1	0.61
(30,1658)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	1	0.61
(30,1226)	1:143:A:TRP:H	1:144:A:LEU:HD11	8	0.61
(30,1226)	1:143:A:TRP:H	1:144:A:LEU:HD12	8	0.61
(30,1226)	1:143:A:TRP:H	1:144:A:LEU:HD13	8	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1078)	1:136:A:CYS:HB2	1:141:A:LYS:HA	15	0.61
(30,1068)	1:104:A:PHE:HZ	1:112:A:GLN:HA	10	0.61
(30,1059)	1:54:A:ARG:HA	1:58:A:ILE:HG13	2	0.61
(30,985)	1:12:A:VAL:HB	1:43:A:MET:HE1	3	0.61
(30,985)	1:12:A:VAL:HB	1:43:A:MET:HE2	3	0.61
(30,985)	1:12:A:VAL:HB	1:43:A:MET:HE3	3	0.61
(30,961)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	1	0.61
(30,961)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	1	0.61
(30,954)	1:15:A:ALA:HB1	1:43:A:MET:HB2	19	0.61
(30,954)	1:15:A:ALA:HB2	1:43:A:MET:HB2	19	0.61
(30,954)	1:15:A:ALA:HB3	1:43:A:MET:HB2	19	0.61
(30,924)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	16	0.61
(30,924)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	16	0.61
(30,919)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	10	0.61
(30,919)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	10	0.61
(30,919)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	10	0.61
(30,919)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	10	0.61
(30,919)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	10	0.61
(30,919)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	10	0.61
(30,836)	1:103:A:ARG:HA	1:103:A:ARG:HD2	13	0.61
(30,836)	1:103:A:ARG:HA	1:103:A:ARG:HD3	13	0.61
(30,817)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	2	0.61
(30,817)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	2	0.61
(30,817)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	2	0.61
(30,817)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	2	0.61
(30,817)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	2	0.61
(30,817)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	2	0.61
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD21	11	0.61
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD22	11	0.61
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD23	11	0.61
(30,613)	1:55:A:GLY:H	1:58:A:ILE:HG13	18	0.61
(30,397)	1:105:A:LYS:HD2	1:106:A:ASP:H	1	0.61
(30,397)	1:105:A:LYS:HD3	1:106:A:ASP:H	1	0.61
(30,62)	1:80:A:TYR:HA	1:81:A:GLU:H	1	0.61
(30,62)	1:80:A:TYR:HA	1:81:A:GLU:H	5	0.61
(30,62)	1:80:A:TYR:HA	1:81:A:GLU:H	6	0.61
(30,62)	1:80:A:TYR:HA	1:81:A:GLU:H	9	0.61
(29,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD11	10	0.61
(29,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD12	10	0.61
(29,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD13	10	0.61
(29,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD21	10	0.61
(29,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD22	10	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2050)	1:21:A:THR:HG21	1:23:A:LEU:HD23	10	0.61
(29,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD11	10	0.61
(29,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD12	10	0.61
(29,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD13	10	0.61
(29,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD21	10	0.61
(29,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD22	10	0.61
(29,2050)	1:21:A:THR:HG22	1:23:A:LEU:HD23	10	0.61
(29,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD11	10	0.61
(29,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD12	10	0.61
(29,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD13	10	0.61
(29,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD21	10	0.61
(29,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD22	10	0.61
(29,2050)	1:21:A:THR:HG23	1:23:A:LEU:HD23	10	0.61
(29,2014)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	19	0.61
(29,2014)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	19	0.61
(29,2014)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	19	0.61
(29,2014)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	19	0.61
(29,2014)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	19	0.61
(29,2014)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	19	0.61
(29,1911)	1:18:A:PHE:HE1	1:131:A:LEU:H	11	0.61
(29,1911)	1:18:A:PHE:HE2	1:131:A:LEU:H	11	0.61
(29,1899)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	4	0.61
(29,1899)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	4	0.61
(29,1899)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	4	0.61
(29,1899)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	4	0.61
(29,1895)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	18	0.61
(29,1895)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	18	0.61
(29,1754)	1:100:A:ALA:H	1:102:A:PRO:HD3	19	0.61
(29,1723)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	3	0.61
(29,1723)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	3	0.61
(29,1638)	1:79:A:THR:HB	1:80:A:TYR:HB2	16	0.61
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	3	0.61
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	3	0.61
(29,1554)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	3	0.61
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	3	0.61
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	3	0.61
(29,1554)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	3	0.61
(29,1545)	1:66:A:THR:HG21	1:69:A:MET:HE1	6	0.61
(29,1545)	1:66:A:THR:HG21	1:69:A:MET:HE2	6	0.61
(29,1545)	1:66:A:THR:HG21	1:69:A:MET:HE3	6	0.61
(29,1545)	1:66:A:THR:HG22	1:69:A:MET:HE1	6	0.61
(29,1545)	1:66:A:THR:HG22	1:69:A:MET:HE2	6	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1545)	1:66:A:THR:HG22	1:69:A:MET:HE3	6	0.61
(29,1545)	1:66:A:THR:HG23	1:69:A:MET:HE1	6	0.61
(29,1545)	1:66:A:THR:HG23	1:69:A:MET:HE2	6	0.61
(29,1545)	1:66:A:THR:HG23	1:69:A:MET:HE3	6	0.61
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE1	16	0.61
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE2	16	0.61
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE3	16	0.61
(29,1483)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	8	0.61
(29,1483)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	10	0.61
(29,1479)	1:45:A:ALA:HB1	1:49:A:LYS:HE2	13	0.61
(29,1479)	1:45:A:ALA:HB1	1:49:A:LYS:HE3	13	0.61
(29,1479)	1:45:A:ALA:HB2	1:49:A:LYS:HE2	13	0.61
(29,1479)	1:45:A:ALA:HB2	1:49:A:LYS:HE3	13	0.61
(29,1479)	1:45:A:ALA:HB3	1:49:A:LYS:HE2	13	0.61
(29,1479)	1:45:A:ALA:HB3	1:49:A:LYS:HE3	13	0.61
(29,1138)	1:40:A:LEU:HA	1:44:A:GLU:HB2	6	0.61
(29,1138)	1:40:A:LEU:HA	1:44:A:GLU:HB3	6	0.61
(29,907)	1:21:A:THR:HB	1:23:A:LEU:H	11	0.61
(29,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	2	0.61
(29,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	2	0.61
(29,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	2	0.61
(29,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	2	0.61
(29,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	2	0.61
(29,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	2	0.61
(29,296)	1:43:A:MET:H	1:43:A:MET:HG3	19	0.61
(29,279)	1:113:A:PHE:H	1:116:A:GLN:HG3	4	0.61
(29,279)	1:113:A:PHE:H	1:116:A:GLN:HG3	11	0.61
(29,167)	1:127:A:CYS:H	1:129:A:LYS:HG2	1	0.61
(29,72)	1:79:A:THR:HG21	1:81:A:GLU:H	8	0.61
(29,72)	1:79:A:THR:HG22	1:81:A:GLU:H	8	0.61
(29,72)	1:79:A:THR:HG23	1:81:A:GLU:H	8	0.61
(23,21)	1:129:A:LYS:N	1:125:A:THR:O	14	0.61
(23,12)	1:113:A:PHE:N	1:109:A:PRO:O	10	0.61
(23,7)	1:60:A:LEU:N	1:56:A:CYS:O	6	0.61
(23,7)	1:60:A:LEU:N	1:56:A:CYS:O	10	0.61
(23,7)	1:60:A:LEU:N	1:56:A:CYS:O	19	0.61
(22,11)	1:59:A:CYS:H	1:55:A:GLY:C	2	0.61
(22,9)	1:58:A:ILE:H	1:54:A:ARG:C	1	0.61
(22,2)	1:17:A:ASN:N	1:13:A:ALA:C	4	0.61
(18,2317)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	1	0.61
(18,2317)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	1	0.61
(18,2317)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	1	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2317)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	1	0.61
(18,2317)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	1	0.61
(18,2317)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	1	0.61
(18,2317)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	1	0.61
(18,2317)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	1	0.61
(18,2317)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	1	0.61
(18,2317)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	1	0.61
(18,2317)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	1	0.61
(18,2317)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	1	0.61
(18,2241)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	3	0.61
(18,2241)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	3	0.61
(18,2241)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	3	0.61
(18,2241)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	3	0.61
(18,2226)	1:60:A:LEU:HD11	1:123:A:CYS:H	2	0.61
(18,2226)	1:60:A:LEU:HD12	1:123:A:CYS:H	2	0.61
(18,2226)	1:60:A:LEU:HD13	1:123:A:CYS:H	2	0.61
(18,2226)	1:60:A:LEU:HD21	1:123:A:CYS:H	2	0.61
(18,2226)	1:60:A:LEU:HD22	1:123:A:CYS:H	2	0.61
(18,2226)	1:60:A:LEU:HD23	1:123:A:CYS:H	2	0.61
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD11	14	0.61
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD12	14	0.61
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD13	14	0.61
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD21	14	0.61
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD22	14	0.61
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD23	14	0.61
(18,2129)	1:41:A:LYS:HA	1:44:A:GLU:HG2	11	0.61
(18,2129)	1:41:A:LYS:HA	1:44:A:GLU:HG3	11	0.61
(18,2037)	1:23:A:LEU:HD11	1:24:A:ASP:H	12	0.61
(18,2037)	1:23:A:LEU:HD12	1:24:A:ASP:H	12	0.61
(18,2037)	1:23:A:LEU:HD13	1:24:A:ASP:H	12	0.61
(18,2037)	1:23:A:LEU:HD21	1:24:A:ASP:H	12	0.61
(18,2037)	1:23:A:LEU:HD22	1:24:A:ASP:H	12	0.61
(18,2037)	1:23:A:LEU:HD23	1:24:A:ASP:H	12	0.61
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	5	0.61
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	5	0.61
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	5	0.61
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	5	0.61
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	5	0.61
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	5	0.61
(18,1947)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	16	0.61
(18,1947)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	16	0.61
(18,1947)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	16	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1947)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	16	0.61
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	5	0.61
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	5	0.61
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	5	0.61
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	5	0.61
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	5	0.61
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	5	0.61
(18,1881)	1:18:A:PHE:HE1	1:131:A:LEU:H	11	0.61
(18,1881)	1:18:A:PHE:HE2	1:131:A:LEU:H	11	0.61
(18,1869)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	4	0.61
(18,1869)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	4	0.61
(18,1869)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	4	0.61
(18,1869)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	4	0.61
(18,1696)	1:67:A:PRO:HD2	1:95:A:ILE:HA	1	0.61
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	1	0.61
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	1	0.61
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	1	0.61
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	1	0.61
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	6	0.61
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	6	0.61
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	6	0.61
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	6	0.61
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB2	18	0.61
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB3	18	0.61
(18,1564)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	10	0.61
(18,1564)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	10	0.61
(18,1564)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	10	0.61
(18,1564)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	10	0.61
(18,1564)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	10	0.61
(18,1564)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	10	0.61
(18,1564)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	10	0.61
(18,1564)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	10	0.61
(18,1564)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	10	0.61
(18,1522)	1:66:A:THR:HG21	1:69:A:MET:HE1	6	0.61
(18,1522)	1:66:A:THR:HG21	1:69:A:MET:HE2	6	0.61
(18,1522)	1:66:A:THR:HG21	1:69:A:MET:HE3	6	0.61
(18,1522)	1:66:A:THR:HG22	1:69:A:MET:HE1	6	0.61
(18,1522)	1:66:A:THR:HG22	1:69:A:MET:HE2	6	0.61
(18,1522)	1:66:A:THR:HG22	1:69:A:MET:HE3	6	0.61
(18,1522)	1:66:A:THR:HG23	1:69:A:MET:HE1	6	0.61
(18,1522)	1:66:A:THR:HG23	1:69:A:MET:HE2	6	0.61
(18,1522)	1:66:A:THR:HG23	1:69:A:MET:HE3	6	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1465)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	8	0.61
(18,1465)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	10	0.61
(18,1365)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	11	0.61
(18,1365)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	11	0.61
(18,1365)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	11	0.61
(18,1233)	1:143:A:TRP:H	1:144:A:LEU:HD21	14	0.61
(18,1233)	1:143:A:TRP:H	1:144:A:LEU:HD22	14	0.61
(18,1233)	1:143:A:TRP:H	1:144:A:LEU:HD23	14	0.61
(18,940)	1:79:A:THR:HG21	1:81:A:GLU:HG2	6	0.61
(18,940)	1:79:A:THR:HG21	1:81:A:GLU:HG3	6	0.61
(18,940)	1:79:A:THR:HG22	1:81:A:GLU:HG2	6	0.61
(18,940)	1:79:A:THR:HG22	1:81:A:GLU:HG3	6	0.61
(18,940)	1:79:A:THR:HG23	1:81:A:GLU:HG2	6	0.61
(18,940)	1:79:A:THR:HG23	1:81:A:GLU:HG3	6	0.61
(18,936)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	16	0.61
(18,936)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	16	0.61
(18,509)	1:97:A:ASP:HB2	1:105:A:LYS:H	4	0.61
(18,509)	1:97:A:ASP:HB3	1:105:A:LYS:H	4	0.61
(18,485)	1:48:A:ARG:HA	1:53:A:THR:H	2	0.61
(18,450)	1:143:A:TRP:H	1:144:A:LEU:HD11	8	0.61
(18,450)	1:143:A:TRP:H	1:144:A:LEU:HD12	8	0.61
(18,450)	1:143:A:TRP:H	1:144:A:LEU:HD13	8	0.61
(18,322)	1:11:A:ILE:HD11	1:43:A:MET:H	17	0.61
(18,322)	1:11:A:ILE:HD12	1:43:A:MET:H	17	0.61
(18,322)	1:11:A:ILE:HD13	1:43:A:MET:H	17	0.61
(18,239)	1:112:A:GLN:HG2	1:114:A:ILE:H	14	0.61
(18,239)	1:112:A:GLN:HG3	1:114:A:ILE:H	14	0.61
(18,124)	1:78:A:HIS:HA	1:80:A:TYR:H	6	0.61
(18,74)	1:79:A:THR:HG21	1:81:A:GLU:H	8	0.61
(18,74)	1:79:A:THR:HG22	1:81:A:GLU:H	8	0.61
(18,74)	1:79:A:THR:HG23	1:81:A:GLU:H	8	0.61
(17,2358)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	13	0.61
(17,2358)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	13	0.61
(17,2358)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	13	0.61
(17,2358)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	13	0.61
(17,2358)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	13	0.61
(17,2358)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	13	0.61
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	13	0.61
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	13	0.61
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	13	0.61
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	13	0.61
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	13	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	13	0.61
(17,2074)	1:31:A:PRO:HD2	1:143:A:TRP:HA	16	0.61
(17,2074)	1:31:A:PRO:HD3	1:143:A:TRP:HA	16	0.61
(17,2073)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	16	0.61
(17,2073)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	16	0.61
(17,2073)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	16	0.61
(17,2073)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	16	0.61
(17,2045)	1:21:A:THR:HG21	1:23:A:LEU:HD11	10	0.61
(17,2045)	1:21:A:THR:HG21	1:23:A:LEU:HD12	10	0.61
(17,2045)	1:21:A:THR:HG21	1:23:A:LEU:HD13	10	0.61
(17,2045)	1:21:A:THR:HG21	1:23:A:LEU:HD21	10	0.61
(17,2045)	1:21:A:THR:HG21	1:23:A:LEU:HD22	10	0.61
(17,2045)	1:21:A:THR:HG21	1:23:A:LEU:HD23	10	0.61
(17,2045)	1:21:A:THR:HG22	1:23:A:LEU:HD11	10	0.61
(17,2045)	1:21:A:THR:HG22	1:23:A:LEU:HD12	10	0.61
(17,2045)	1:21:A:THR:HG22	1:23:A:LEU:HD13	10	0.61
(17,2045)	1:21:A:THR:HG22	1:23:A:LEU:HD21	10	0.61
(17,2045)	1:21:A:THR:HG22	1:23:A:LEU:HD22	10	0.61
(17,2045)	1:21:A:THR:HG22	1:23:A:LEU:HD23	10	0.61
(17,2045)	1:21:A:THR:HG23	1:23:A:LEU:HD11	10	0.61
(17,2045)	1:21:A:THR:HG23	1:23:A:LEU:HD12	10	0.61
(17,2045)	1:21:A:THR:HG23	1:23:A:LEU:HD13	10	0.61
(17,2045)	1:21:A:THR:HG23	1:23:A:LEU:HD21	10	0.61
(17,2045)	1:21:A:THR:HG23	1:23:A:LEU:HD22	10	0.61
(17,2045)	1:21:A:THR:HG23	1:23:A:LEU:HD23	10	0.61
(17,2023)	1:16:A:SER:HB2	1:43:A:MET:HE1	14	0.61
(17,2023)	1:16:A:SER:HB2	1:43:A:MET:HE2	14	0.61
(17,2023)	1:16:A:SER:HB2	1:43:A:MET:HE3	14	0.61
(17,2023)	1:16:A:SER:HB3	1:43:A:MET:HE1	14	0.61
(17,2023)	1:16:A:SER:HB3	1:43:A:MET:HE2	14	0.61
(17,2023)	1:16:A:SER:HB3	1:43:A:MET:HE3	14	0.61
(17,2005)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	4	0.61
(17,2005)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	4	0.61
(17,2005)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	4	0.61
(17,2005)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	4	0.61
(17,2005)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	4	0.61
(17,2005)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	4	0.61
(17,1748)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	3	0.61
(17,1748)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	3	0.61
(17,1748)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	3	0.61
(17,1719)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	3	0.61
(17,1719)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	3	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	1	0.61
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	1	0.61
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	1	0.61
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	1	0.61
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	1	0.61
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	1	0.61
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	1	0.61
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	1	0.61
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	1	0.61
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	3	0.61
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	3	0.61
(17,1560)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	3	0.61
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	3	0.61
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	3	0.61
(17,1560)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	3	0.61
(17,1493)	1:45:A:ALA:HB1	1:49:A:LYS:HE2	13	0.61
(17,1493)	1:45:A:ALA:HB1	1:49:A:LYS:HE3	13	0.61
(17,1493)	1:45:A:ALA:HB2	1:49:A:LYS:HE2	13	0.61
(17,1493)	1:45:A:ALA:HB2	1:49:A:LYS:HE3	13	0.61
(17,1493)	1:45:A:ALA:HB3	1:49:A:LYS:HE2	13	0.61
(17,1493)	1:45:A:ALA:HB3	1:49:A:LYS:HE3	13	0.61
(17,1261)	1:12:A:VAL:H	1:12:A:VAL:HG11	8	0.61
(17,1261)	1:12:A:VAL:H	1:12:A:VAL:HG12	8	0.61
(17,1261)	1:12:A:VAL:H	1:12:A:VAL:HG13	8	0.61
(17,1177)	1:140:A:LEU:HD21	1:144:A:LEU:H	16	0.61
(17,1177)	1:140:A:LEU:HD22	1:144:A:LEU:H	16	0.61
(17,1177)	1:140:A:LEU:HD23	1:144:A:LEU:H	16	0.61
(17,1093)	1:48:A:ARG:HG2	1:49:A:LYS:HA	13	0.61
(17,1093)	1:48:A:ARG:HG3	1:49:A:LYS:HA	13	0.61
(17,1045)	1:11:A:ILE:HB	1:44:A:GLU:HB2	17	0.61
(17,1045)	1:11:A:ILE:HB	1:44:A:GLU:HB3	17	0.61
(17,918)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	8	0.61
(17,918)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	8	0.61
(17,918)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	8	0.61
(17,830)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	2	0.61
(17,830)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	2	0.61
(17,830)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	2	0.61
(17,830)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	2	0.61
(17,830)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	2	0.61
(17,830)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	2	0.61
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	7	0.61
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	7	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	7	0.61
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	7	0.61
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	7	0.61
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	7	0.61
(17,694)	1:56:A:CYS:H	1:122:A:ASP:HB2	9	0.61
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	11	0.61
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	11	0.61
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	11	0.61
(17,599)	1:55:A:GLY:H	1:122:A:ASP:HB3	6	0.61
(17,578)	1:128:A:LEU:HD21	1:130:A:GLY:H	4	0.61
(17,578)	1:128:A:LEU:HD22	1:130:A:GLY:H	4	0.61
(17,578)	1:128:A:LEU:HD23	1:130:A:GLY:H	4	0.61
(17,488)	1:97:A:ASP:HB2	1:105:A:LYS:H	4	0.61
(17,488)	1:97:A:ASP:HB3	1:105:A:LYS:H	4	0.61
(17,276)	1:113:A:PHE:H	1:116:A:GLN:HG3	4	0.61
(17,276)	1:113:A:PHE:H	1:116:A:GLN:HG3	11	0.61
(16,2239)	1:69:A:MET:HG2	1:76:A:ARG:HB3	15	0.61
(16,2239)	1:69:A:MET:HG3	1:76:A:ARG:HB3	15	0.61
(16,2154)	1:44:A:GLU:H	1:44:A:GLU:HG2	11	0.61
(16,2154)	1:44:A:GLU:H	1:44:A:GLU:HG3	11	0.61
(16,2092)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	18	0.61
(16,2092)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	18	0.61
(16,2092)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	18	0.61
(16,2092)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	18	0.61
(16,2092)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	18	0.61
(16,2092)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	18	0.61
(16,2057)	1:30:A:LEU:HD11	1:31:A:PRO:HG2	8	0.61
(16,2057)	1:30:A:LEU:HD11	1:31:A:PRO:HG3	8	0.61
(16,2057)	1:30:A:LEU:HD12	1:31:A:PRO:HG2	8	0.61
(16,2057)	1:30:A:LEU:HD12	1:31:A:PRO:HG3	8	0.61
(16,2057)	1:30:A:LEU:HD13	1:31:A:PRO:HG2	8	0.61
(16,2057)	1:30:A:LEU:HD13	1:31:A:PRO:HG3	8	0.61
(16,2057)	1:30:A:LEU:HD21	1:31:A:PRO:HG2	8	0.61
(16,2057)	1:30:A:LEU:HD21	1:31:A:PRO:HG3	8	0.61
(16,2057)	1:30:A:LEU:HD22	1:31:A:PRO:HG2	8	0.61
(16,2057)	1:30:A:LEU:HD22	1:31:A:PRO:HG3	8	0.61
(16,2057)	1:30:A:LEU:HD23	1:31:A:PRO:HG2	8	0.61
(16,2057)	1:30:A:LEU:HD23	1:31:A:PRO:HG3	8	0.61
(16,1932)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	8	0.61
(16,1932)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	8	0.61
(16,1932)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	8	0.61
(16,1932)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	8	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1900)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	19	0.61
(16,1900)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	19	0.61
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	5	0.61
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	5	0.61
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	5	0.61
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	5	0.61
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	5	0.61
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	5	0.61
(16,1731)	1:100:A:ALA:H	1:102:A:PRO:HD3	19	0.61
(16,1696)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	3	0.61
(16,1696)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	3	0.61
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB2	18	0.61
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB3	18	0.61
(16,1617)	1:31:A:PRO:HG2	1:80:A:TYR:HB3	3	0.61
(16,1617)	1:31:A:PRO:HG3	1:80:A:TYR:HB3	3	0.61
(16,1566)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	10	0.61
(16,1566)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	10	0.61
(16,1566)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	10	0.61
(16,1566)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	10	0.61
(16,1566)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	10	0.61
(16,1566)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	10	0.61
(16,1566)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	10	0.61
(16,1566)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	10	0.61
(16,1566)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	10	0.61
(16,1459)	1:13:A:ALA:HB1	1:79:A:THR:HB	13	0.61
(16,1459)	1:13:A:ALA:HB2	1:79:A:THR:HB	13	0.61
(16,1459)	1:13:A:ALA:HB3	1:79:A:THR:HB	13	0.61
(16,1458)	1:13:A:ALA:HB1	1:79:A:THR:HA	8	0.61
(16,1458)	1:13:A:ALA:HB2	1:79:A:THR:HA	8	0.61
(16,1458)	1:13:A:ALA:HB3	1:79:A:THR:HA	8	0.61
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD11	3	0.61
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD12	3	0.61
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD13	3	0.61
(16,941)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	16	0.61
(16,941)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	16	0.61
(16,936)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	10	0.61
(16,936)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	10	0.61
(16,936)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	10	0.61
(16,936)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	10	0.61
(16,936)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	10	0.61
(16,936)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	10	0.61
(16,828)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	2	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,828)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	2	0.61
(16,828)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	2	0.61
(16,828)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	2	0.61
(16,828)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	2	0.61
(16,828)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	2	0.61
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	7	0.61
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	7	0.61
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	7	0.61
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	7	0.61
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	7	0.61
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	7	0.61
(16,702)	1:56:A:CYS:H	1:122:A:ASP:HB2	9	0.61
(16,664)	1:101:A:ILE:HB	1:103:A:ARG:H	16	0.61
(16,490)	1:98:A:ILE:H	1:105:A:LYS:H	5	0.61
(16,380)	1:40:A:LEU:HB2	1:41:A:LYS:H	14	0.61
(16,355)	1:73:A:ILE:HD11	1:111:A:GLU:H	3	0.61
(16,355)	1:73:A:ILE:HD12	1:111:A:GLU:H	3	0.61
(16,355)	1:73:A:ILE:HD13	1:111:A:GLU:H	3	0.61
(16,90)	1:96:A:VAL:H	1:97:A:ASP:H	1	0.61
(16,88)	1:151:A:PHE:H	1:151:A:PHE:HB3	9	0.61
(15,2115)	1:43:A:MET:H	1:43:A:MET:HG2	8	0.61
(15,2115)	1:43:A:MET:H	1:43:A:MET:HG3	8	0.61
(15,2056)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	18	0.61
(15,2056)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	18	0.61
(15,2056)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	18	0.61
(15,2056)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	18	0.61
(15,2056)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	18	0.61
(15,2056)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	18	0.61
(15,1891)	1:58:A:ILE:HA	1:62:A:HIS:HE1	5	0.61
(15,1859)	1:14:A:VAL:HA	1:18:A:PHE:HD1	3	0.61
(15,1859)	1:14:A:VAL:HA	1:18:A:PHE:HD2	3	0.61
(15,1803)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	1	0.61
(15,1803)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	1	0.61
(15,1803)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	1	0.61
(15,1803)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	1	0.61
(15,1803)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	1	0.61
(15,1803)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	1	0.61
(15,1722)	1:100:A:ALA:H	1:102:A:PRO:HD3	19	0.61
(15,1695)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	3	0.61
(15,1695)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	3	0.61
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	3	0.61
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	3	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1531)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	3	0.61
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	3	0.61
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	3	0.61
(15,1531)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	3	0.61
(15,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	13	0.61
(15,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	13	0.61
(15,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	13	0.61
(15,1256)	1:12:A:VAL:H	1:12:A:VAL:HG11	8	0.61
(15,1256)	1:12:A:VAL:H	1:12:A:VAL:HG12	8	0.61
(15,1256)	1:12:A:VAL:H	1:12:A:VAL:HG13	8	0.61
(15,1119)	1:66:A:THR:HG21	1:105:A:LYS:HA	19	0.61
(15,1119)	1:66:A:THR:HG22	1:105:A:LYS:HA	19	0.61
(15,1119)	1:66:A:THR:HG23	1:105:A:LYS:HA	19	0.61
(15,912)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	14	0.61
(15,912)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	14	0.61
(15,912)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	14	0.61
(15,74)	1:63:A:ILE:HG21	1:117:A:VAL:H	11	0.61
(15,74)	1:63:A:ILE:HG22	1:117:A:VAL:H	11	0.61
(15,74)	1:63:A:ILE:HG23	1:117:A:VAL:H	11	0.61
(15,66)	1:80:A:TYR:HA	1:81:A:GLU:H	1	0.61
(15,66)	1:80:A:TYR:HA	1:81:A:GLU:H	5	0.61
(15,66)	1:80:A:TYR:HA	1:81:A:GLU:H	6	0.61
(15,66)	1:80:A:TYR:HA	1:81:A:GLU:H	9	0.61
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG11	10	0.61
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG12	10	0.61
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG13	10	0.61
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG21	10	0.61
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG22	10	0.61
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG23	10	0.61
(13,1875)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	19	0.61
(13,1699)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	3	0.61
(13,1699)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	3	0.61
(13,1699)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	3	0.61
(13,1550)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	10	0.61
(13,1550)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	10	0.61
(13,1550)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	10	0.61
(13,1550)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	10	0.61
(13,1550)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	10	0.61
(13,1550)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	10	0.61
(13,1550)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	10	0.61
(13,1550)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	10	0.61
(13,1550)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	10	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1502)	1:66:A:THR:HG21	1:69:A:MET:HE1	6	0.61
(13,1502)	1:66:A:THR:HG21	1:69:A:MET:HE2	6	0.61
(13,1502)	1:66:A:THR:HG21	1:69:A:MET:HE3	6	0.61
(13,1502)	1:66:A:THR:HG22	1:69:A:MET:HE1	6	0.61
(13,1502)	1:66:A:THR:HG22	1:69:A:MET:HE2	6	0.61
(13,1502)	1:66:A:THR:HG22	1:69:A:MET:HE3	6	0.61
(13,1502)	1:66:A:THR:HG23	1:69:A:MET:HE1	6	0.61
(13,1502)	1:66:A:THR:HG23	1:69:A:MET:HE2	6	0.61
(13,1502)	1:66:A:THR:HG23	1:69:A:MET:HE3	6	0.61
(13,1343)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	11	0.61
(13,1343)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	11	0.61
(13,1343)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	11	0.61
(13,1300)	1:106:A:ASP:HA	1:112:A:GLN:HE21	5	0.61
(13,1022)	1:11:A:ILE:HB	1:44:A:GLU:HB2	17	0.61
(13,1022)	1:11:A:ILE:HB	1:44:A:GLU:HB3	17	0.61
(13,909)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	16	0.61
(13,909)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	16	0.61
(13,647)	1:101:A:ILE:HB	1:103:A:ARG:H	16	0.61
(13,608)	1:55:A:GLY:H	1:58:A:ILE:HG13	18	0.61
(13,575)	1:128:A:LEU:HD21	1:130:A:GLY:H	4	0.61
(13,575)	1:128:A:LEU:HD22	1:130:A:GLY:H	4	0.61
(13,575)	1:128:A:LEU:HD23	1:130:A:GLY:H	4	0.61
(13,492)	1:105:A:LYS:H	1:105:A:LYS:HD2	19	0.61
(13,492)	1:105:A:LYS:H	1:105:A:LYS:HD3	19	0.61
(13,67)	1:79:A:THR:HG21	1:81:A:GLU:H	8	0.61
(13,67)	1:79:A:THR:HG22	1:81:A:GLU:H	8	0.61
(13,67)	1:79:A:THR:HG23	1:81:A:GLU:H	8	0.61
(11,2096)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	18	0.61
(11,2096)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	18	0.61
(11,2096)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	18	0.61
(11,2096)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	18	0.61
(11,2096)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	18	0.61
(11,2096)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	18	0.61
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD11	11	0.61
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD12	11	0.61
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD13	11	0.61
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD21	11	0.61
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD22	11	0.61
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD23	11	0.61
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD11	11	0.61
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD12	11	0.61
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD13	11	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD21	11	0.61
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD22	11	0.61
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD23	11	0.61
(11,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	16	0.61
(11,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	16	0.61
(11,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	16	0.61
(11,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	16	0.61
(11,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	16	0.61
(11,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	16	0.61
(11,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	16	0.61
(11,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	16	0.61
(11,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	16	0.61
(11,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	16	0.61
(11,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	16	0.61
(11,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	16	0.61
(11,1967)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	16	0.61
(11,1967)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	16	0.61
(11,1967)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	16	0.61
(11,1967)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	16	0.61
(11,1912)	1:18:A:PHE:HE1	1:131:A:LEU:H	11	0.61
(11,1912)	1:18:A:PHE:HE2	1:131:A:LEU:H	11	0.61
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	3	0.61
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	3	0.61
(11,1769)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	3	0.61
(11,1769)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	3	0.61
(11,1769)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	3	0.61
(11,1642)	1:128:A:LEU:HD21	1:130:A:GLY:H	4	0.61
(11,1642)	1:128:A:LEU:HD22	1:130:A:GLY:H	4	0.61
(11,1642)	1:128:A:LEU:HD23	1:130:A:GLY:H	4	0.61
(11,1610)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	10	0.61
(11,1610)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	10	0.61
(11,1610)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	10	0.61
(11,1610)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	10	0.61
(11,1610)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	10	0.61
(11,1610)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	10	0.61
(11,1610)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	10	0.61
(11,1610)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	10	0.61
(11,1610)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	10	0.61
(11,1555)	1:76:A:ARG:HG2	1:110:A:MET:HE1	11	0.61
(11,1555)	1:76:A:ARG:HG2	1:110:A:MET:HE2	11	0.61
(11,1555)	1:76:A:ARG:HG2	1:110:A:MET:HE3	11	0.61
(11,1555)	1:76:A:ARG:HG3	1:110:A:MET:HE1	11	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1555)	1:76:A:ARG:HG3	1:110:A:MET:HE2	11	0.61
(11,1555)	1:76:A:ARG:HG3	1:110:A:MET:HE3	11	0.61
(11,1479)	1:13:A:ALA:HB1	1:79:A:THR:HB	13	0.61
(11,1479)	1:13:A:ALA:HB2	1:79:A:THR:HB	13	0.61
(11,1479)	1:13:A:ALA:HB3	1:79:A:THR:HB	13	0.61
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	9	0.61
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	9	0.61
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	9	0.61
(11,1179)	1:140:A:LEU:HD21	1:144:A:LEU:H	16	0.61
(11,1179)	1:140:A:LEU:HD22	1:144:A:LEU:H	16	0.61
(11,1179)	1:140:A:LEU:HD23	1:144:A:LEU:H	16	0.61
(11,971)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	5	0.61
(11,971)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	5	0.61
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	17	0.61
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	17	0.61
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	17	0.61
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	17	0.61
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	17	0.61
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	17	0.61
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	17	0.61
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	17	0.61
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	17	0.61
(11,818)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	2	0.61
(11,818)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	2	0.61
(11,818)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	2	0.61
(11,818)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	2	0.61
(11,818)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	2	0.61
(11,818)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	2	0.61
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	19	0.61
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	19	0.61
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	19	0.61
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	19	0.61
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	19	0.61
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	19	0.61
(11,657)	1:101:A:ILE:HB	1:103:A:ARG:H	16	0.61
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	11	0.61
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	11	0.61
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	11	0.61
(11,621)	1:96:A:VAL:H	1:97:A:ASP:H	6	0.61
(11,583)	1:128:A:LEU:HD11	1:130:A:GLY:H	10	0.61
(11,583)	1:128:A:LEU:HD12	1:130:A:GLY:H	10	0.61
(11,583)	1:128:A:LEU:HD13	1:130:A:GLY:H	10	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,494)	1:97:A:ASP:HB2	1:105:A:LYS:H	4	0.61
(11,494)	1:97:A:ASP:HB3	1:105:A:LYS:H	4	0.61
(11,314)	1:64:A:LYS:HD2	1:65:A:CYS:H	13	0.61
(11,314)	1:64:A:LYS:HD3	1:65:A:CYS:H	13	0.61
(11,280)	1:113:A:PHE:H	1:116:A:GLN:HG3	4	0.61
(11,280)	1:113:A:PHE:H	1:116:A:GLN:HG3	11	0.61
(11,67)	1:80:A:TYR:HA	1:81:A:GLU:H	1	0.61
(11,67)	1:80:A:TYR:HA	1:81:A:GLU:H	5	0.61
(11,67)	1:80:A:TYR:HA	1:81:A:GLU:H	6	0.61
(11,67)	1:80:A:TYR:HA	1:81:A:GLU:H	9	0.61
(9,2411)	1:141:A:LYS:H	1:148:A:CYS:HB2	8	0.61
(9,2411)	1:141:A:LYS:H	1:148:A:CYS:HB3	8	0.61
(9,2059)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	7	0.61
(9,2059)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	7	0.61
(9,2059)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	7	0.61
(9,2059)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	7	0.61
(9,2059)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	7	0.61
(9,2059)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	7	0.61
(9,1942)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	16	0.61
(9,1942)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	16	0.61
(9,1942)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	16	0.61
(9,1942)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	16	0.61
(9,1937)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	8	0.61
(9,1937)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	8	0.61
(9,1937)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	8	0.61
(9,1937)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	8	0.61
(9,1913)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	19	0.61
(9,1892)	1:18:A:PHE:HE1	1:131:A:LEU:H	11	0.61
(9,1892)	1:18:A:PHE:HE2	1:131:A:LEU:H	11	0.61
(9,1725)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	3	0.61
(9,1725)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	3	0.61
(9,1725)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	3	0.61
(9,1698)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	3	0.61
(9,1698)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	3	0.61
(9,1575)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	10	0.61
(9,1575)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	10	0.61
(9,1575)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	10	0.61
(9,1575)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	10	0.61
(9,1575)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	10	0.61
(9,1575)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	10	0.61
(9,1575)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	10	0.61
(9,1575)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	10	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1575)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	10	0.61
(9,1505)	1:43:A:MET:HE1	1:46:A:ASN:HB2	17	0.61
(9,1505)	1:43:A:MET:HE2	1:46:A:ASN:HB2	17	0.61
(9,1505)	1:43:A:MET:HE3	1:46:A:ASN:HB2	17	0.61
(9,1470)	1:95:A:ILE:HG21	1:97:A:ASP:H	8	0.61
(9,1470)	1:95:A:ILE:HG22	1:97:A:ASP:H	8	0.61
(9,1470)	1:95:A:ILE:HG23	1:97:A:ASP:H	8	0.61
(9,1452)	1:13:A:ALA:HB1	1:79:A:THR:HB	10	0.61
(9,1452)	1:13:A:ALA:HB2	1:79:A:THR:HB	10	0.61
(9,1452)	1:13:A:ALA:HB3	1:79:A:THR:HB	10	0.61
(9,1329)	1:101:A:ILE:H	1:119:A:LEU:HD11	1	0.61
(9,1329)	1:101:A:ILE:H	1:119:A:LEU:HD12	1	0.61
(9,1329)	1:101:A:ILE:H	1:119:A:LEU:HD13	1	0.61
(9,930)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	6	0.61
(9,930)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	6	0.61
(9,930)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	6	0.61
(9,930)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	6	0.61
(9,921)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	13	0.61
(9,921)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	13	0.61
(9,921)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	13	0.61
(9,921)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	13	0.61
(9,917)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	5	0.61
(9,917)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	5	0.61
(9,917)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	5	0.61
(9,910)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	17	0.61
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	19	0.61
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	19	0.61
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	19	0.61
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	7	0.61
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	7	0.61
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	7	0.61
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	7	0.61
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	7	0.61
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	7	0.61
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG11	16	0.61
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG12	16	0.61
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG13	16	0.61
(9,653)	1:101:A:ILE:HB	1:103:A:ARG:H	16	0.61
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	11	0.61
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	11	0.61
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	11	0.61
(9,623)	1:46:A:ASN:HD21	1:47:A:ALA:H	10	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,286)	1:113:A:PHE:H	1:116:A:GLN:HG3	4	0.61
(9,286)	1:113:A:PHE:H	1:116:A:GLN:HG3	11	0.61
(9,70)	1:79:A:THR:HG21	1:81:A:GLU:H	8	0.61
(9,70)	1:79:A:THR:HG22	1:81:A:GLU:H	8	0.61
(9,70)	1:79:A:THR:HG23	1:81:A:GLU:H	8	0.61
(7,2194)	1:63:A:ILE:HG12	1:113:A:PHE:HE1	15	0.61
(7,2194)	1:63:A:ILE:HG12	1:113:A:PHE:HE2	15	0.61
(7,2194)	1:63:A:ILE:HG13	1:113:A:PHE:HE1	15	0.61
(7,2194)	1:63:A:ILE:HG13	1:113:A:PHE:HE2	15	0.61
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	10	0.61
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	10	0.61
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	10	0.61
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	10	0.61
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	10	0.61
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	10	0.61
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD11	6	0.61
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD12	6	0.61
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD13	6	0.61
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD21	6	0.61
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD22	6	0.61
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD23	6	0.61
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD11	18	0.61
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD12	18	0.61
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD13	18	0.61
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD21	18	0.61
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD22	18	0.61
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD23	18	0.61
(7,2050)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	7	0.61
(7,2050)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	7	0.61
(7,2050)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	7	0.61
(7,2050)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	7	0.61
(7,2050)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	7	0.61
(7,2050)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	7	0.61
(7,2029)	1:34:A:LYS:H	1:81:A:GLU:HB2	9	0.61
(7,2029)	1:34:A:LYS:H	1:81:A:GLU:HB3	9	0.61
(7,1989)	1:21:A:THR:HG21	1:23:A:LEU:HD11	10	0.61
(7,1989)	1:21:A:THR:HG21	1:23:A:LEU:HD12	10	0.61
(7,1989)	1:21:A:THR:HG21	1:23:A:LEU:HD13	10	0.61
(7,1989)	1:21:A:THR:HG21	1:23:A:LEU:HD21	10	0.61
(7,1989)	1:21:A:THR:HG21	1:23:A:LEU:HD22	10	0.61
(7,1989)	1:21:A:THR:HG21	1:23:A:LEU:HD23	10	0.61
(7,1989)	1:21:A:THR:HG22	1:23:A:LEU:HD11	10	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1989)	1:21:A:THR:HG22	1:23:A:LEU:HD12	10	0.61
(7,1989)	1:21:A:THR:HG22	1:23:A:LEU:HD13	10	0.61
(7,1989)	1:21:A:THR:HG22	1:23:A:LEU:HD21	10	0.61
(7,1989)	1:21:A:THR:HG22	1:23:A:LEU:HD22	10	0.61
(7,1989)	1:21:A:THR:HG22	1:23:A:LEU:HD23	10	0.61
(7,1989)	1:21:A:THR:HG23	1:23:A:LEU:HD11	10	0.61
(7,1989)	1:21:A:THR:HG23	1:23:A:LEU:HD12	10	0.61
(7,1989)	1:21:A:THR:HG23	1:23:A:LEU:HD13	10	0.61
(7,1989)	1:21:A:THR:HG23	1:23:A:LEU:HD21	10	0.61
(7,1989)	1:21:A:THR:HG23	1:23:A:LEU:HD22	10	0.61
(7,1989)	1:21:A:THR:HG23	1:23:A:LEU:HD23	10	0.61
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG12	6	0.61
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG13	6	0.61
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD11	14	0.61
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD12	14	0.61
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD13	14	0.61
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD21	14	0.61
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD22	14	0.61
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD23	14	0.61
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	16	0.61
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	16	0.61
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	16	0.61
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	16	0.61
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	16	0.61
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	16	0.61
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	16	0.61
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	16	0.61
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	16	0.61
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	16	0.61
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	16	0.61
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	16	0.61
(7,1906)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	8	0.61
(7,1906)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	8	0.61
(7,1906)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	8	0.61
(7,1906)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	8	0.61
(7,1879)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	19	0.61
(7,1818)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	19	0.61
(7,1818)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	19	0.61
(7,1818)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	19	0.61
(7,1818)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	19	0.61
(7,1818)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	19	0.61
(7,1818)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	19	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1700)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	3	0.61
(7,1700)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	3	0.61
(7,1700)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	3	0.61
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	3	0.61
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	3	0.61
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	3	0.61
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG21	19	0.61
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG22	19	0.61
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG23	19	0.61
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	7	0.61
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	7	0.61
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	7	0.61
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	14	0.61
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	14	0.61
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	14	0.61
(7,1554)	1:101:A:ILE:HD11	1:112:A:GLN:HA	6	0.61
(7,1554)	1:101:A:ILE:HD12	1:112:A:GLN:HA	6	0.61
(7,1554)	1:101:A:ILE:HD13	1:112:A:GLN:HA	6	0.61
(7,1553)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	10	0.61
(7,1553)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	10	0.61
(7,1553)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	10	0.61
(7,1553)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	10	0.61
(7,1553)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	10	0.61
(7,1553)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	10	0.61
(7,1553)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	10	0.61
(7,1553)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	10	0.61
(7,1553)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	10	0.61
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	3	0.61
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	3	0.61
(7,1522)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	3	0.61
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	3	0.61
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	3	0.61
(7,1522)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	3	0.61
(7,1513)	1:66:A:THR:HG21	1:69:A:MET:HE1	6	0.61
(7,1513)	1:66:A:THR:HG21	1:69:A:MET:HE2	6	0.61
(7,1513)	1:66:A:THR:HG21	1:69:A:MET:HE3	6	0.61
(7,1513)	1:66:A:THR:HG22	1:69:A:MET:HE1	6	0.61
(7,1513)	1:66:A:THR:HG22	1:69:A:MET:HE2	6	0.61
(7,1513)	1:66:A:THR:HG22	1:69:A:MET:HE3	6	0.61
(7,1513)	1:66:A:THR:HG23	1:69:A:MET:HE1	6	0.61
(7,1513)	1:66:A:THR:HG23	1:69:A:MET:HE2	6	0.61
(7,1513)	1:66:A:THR:HG23	1:69:A:MET:HE3	6	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1452)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	8	0.61
(7,1452)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	10	0.61
(7,1235)	1:12:A:VAL:H	1:12:A:VAL:HG11	8	0.61
(7,1235)	1:12:A:VAL:H	1:12:A:VAL:HG12	8	0.61
(7,1235)	1:12:A:VAL:H	1:12:A:VAL:HG13	8	0.61
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	14	0.61
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	14	0.61
(7,916)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	5	0.61
(7,916)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	5	0.61
(7,903)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	14	0.61
(7,903)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	14	0.61
(7,903)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	14	0.61
(7,810)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	2	0.61
(7,810)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	2	0.61
(7,810)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	2	0.61
(7,810)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	2	0.61
(7,810)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	2	0.61
(7,810)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	2	0.61
(7,775)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	6	0.61
(7,775)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	6	0.61
(7,775)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	6	0.61
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG11	16	0.61
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG12	16	0.61
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG13	16	0.61
(7,496)	1:97:A:ASP:HB2	1:105:A:LYS:H	4	0.61
(7,496)	1:97:A:ASP:HB3	1:105:A:LYS:H	4	0.61
(7,490)	1:98:A:ILE:H	1:105:A:LYS:H	3	0.61
(7,66)	1:79:A:THR:HG21	1:81:A:GLU:H	8	0.61
(7,66)	1:79:A:THR:HG22	1:81:A:GLU:H	8	0.61
(7,66)	1:79:A:THR:HG23	1:81:A:GLU:H	8	0.61
(6,2350)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	13	0.61
(6,2350)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	13	0.61
(6,2350)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	13	0.61
(6,2350)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	13	0.61
(6,2350)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	13	0.61
(6,2350)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	13	0.61
(6,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	3	0.61
(6,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	3	0.61
(6,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	3	0.61
(6,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	3	0.61
(6,2208)	1:60:A:LEU:HB3	1:120:A:CYS:HB2	16	0.61
(6,2208)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	16	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2040)	1:21:A:THR:HG21	1:23:A:LEU:HD11	10	0.61
(6,2040)	1:21:A:THR:HG21	1:23:A:LEU:HD12	10	0.61
(6,2040)	1:21:A:THR:HG21	1:23:A:LEU:HD13	10	0.61
(6,2040)	1:21:A:THR:HG21	1:23:A:LEU:HD21	10	0.61
(6,2040)	1:21:A:THR:HG21	1:23:A:LEU:HD22	10	0.61
(6,2040)	1:21:A:THR:HG21	1:23:A:LEU:HD23	10	0.61
(6,2040)	1:21:A:THR:HG22	1:23:A:LEU:HD11	10	0.61
(6,2040)	1:21:A:THR:HG22	1:23:A:LEU:HD12	10	0.61
(6,2040)	1:21:A:THR:HG22	1:23:A:LEU:HD13	10	0.61
(6,2040)	1:21:A:THR:HG22	1:23:A:LEU:HD21	10	0.61
(6,2040)	1:21:A:THR:HG22	1:23:A:LEU:HD22	10	0.61
(6,2040)	1:21:A:THR:HG22	1:23:A:LEU:HD23	10	0.61
(6,2040)	1:21:A:THR:HG23	1:23:A:LEU:HD11	10	0.61
(6,2040)	1:21:A:THR:HG23	1:23:A:LEU:HD12	10	0.61
(6,2040)	1:21:A:THR:HG23	1:23:A:LEU:HD13	10	0.61
(6,2040)	1:21:A:THR:HG23	1:23:A:LEU:HD21	10	0.61
(6,2040)	1:21:A:THR:HG23	1:23:A:LEU:HD22	10	0.61
(6,2040)	1:21:A:THR:HG23	1:23:A:LEU:HD23	10	0.61
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	7	0.61
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	7	0.61
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	7	0.61
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG21	7	0.61
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG22	7	0.61
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG23	7	0.61
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	7	0.61
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	7	0.61
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	7	0.61
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	7	0.61
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	7	0.61
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	7	0.61
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	14	0.61
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	14	0.61
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	14	0.61
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	14	0.61
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	14	0.61
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	14	0.61
(6,1738)	1:100:A:ALA:H	1:102:A:PRO:HD3	19	0.61
(6,1579)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	10	0.61
(6,1579)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	10	0.61
(6,1579)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	10	0.61
(6,1579)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	10	0.61
(6,1579)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	10	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1579)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	10	0.61
(6,1579)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	10	0.61
(6,1579)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	10	0.61
(6,1579)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	10	0.61
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	3	0.61
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	3	0.61
(6,1538)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	3	0.61
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	3	0.61
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	3	0.61
(6,1538)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	3	0.61
(6,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE1	11	0.61
(6,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE2	11	0.61
(6,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE3	11	0.61
(6,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE1	11	0.61
(6,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE2	11	0.61
(6,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE3	11	0.61
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG21	7	0.61
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG22	7	0.61
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG23	7	0.61
(6,1231)	1:39:A:VAL:H	1:139:A:LEU:HD21	17	0.61
(6,1231)	1:39:A:VAL:H	1:139:A:LEU:HD22	17	0.61
(6,1231)	1:39:A:VAL:H	1:139:A:LEU:HD23	17	0.61
(6,1221)	1:143:A:TRP:H	1:144:A:LEU:HD11	8	0.61
(6,1221)	1:143:A:TRP:H	1:144:A:LEU:HD12	8	0.61
(6,1221)	1:143:A:TRP:H	1:144:A:LEU:HD13	8	0.61
(6,1143)	1:13:A:ALA:HB1	1:80:A:TYR:HA	17	0.61
(6,1143)	1:13:A:ALA:HB2	1:80:A:TYR:HA	17	0.61
(6,1143)	1:13:A:ALA:HB3	1:80:A:TYR:HA	17	0.61
(6,1014)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	5	0.61
(6,923)	1:79:A:THR:HG21	1:81:A:GLU:HG2	6	0.61
(6,923)	1:79:A:THR:HG21	1:81:A:GLU:HG3	6	0.61
(6,923)	1:79:A:THR:HG22	1:81:A:GLU:HG2	6	0.61
(6,923)	1:79:A:THR:HG22	1:81:A:GLU:HG3	6	0.61
(6,923)	1:79:A:THR:HG23	1:81:A:GLU:HG2	6	0.61
(6,923)	1:79:A:THR:HG23	1:81:A:GLU:HG3	6	0.61
(6,815)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	2	0.61
(6,815)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	2	0.61
(6,815)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	2	0.61
(6,815)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	2	0.61
(6,815)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	2	0.61
(6,815)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	2	0.61
(6,743)	1:43:A:MET:HE1	1:134:A:VAL:H	3	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,743)	1:43:A:MET:HE2	1:134:A:VAL:H	3	0.61
(6,743)	1:43:A:MET:HE3	1:134:A:VAL:H	3	0.61
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD21	11	0.61
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD22	11	0.61
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD23	11	0.61
(6,609)	1:14:A:VAL:HB	1:16:A:SER:H	4	0.61
(6,491)	1:97:A:ASP:HB2	1:105:A:LYS:H	4	0.61
(6,491)	1:97:A:ASP:HB3	1:105:A:LYS:H	4	0.61
(6,131)	1:11:A:ILE:HG13	1:12:A:VAL:H	5	0.61
(6,69)	1:79:A:THR:HG21	1:81:A:GLU:H	8	0.61
(6,69)	1:79:A:THR:HG22	1:81:A:GLU:H	8	0.61
(6,69)	1:79:A:THR:HG23	1:81:A:GLU:H	8	0.61
(5,2451)	1:141:A:LYS:H	1:148:A:CYS:HB2	8	0.61
(5,2451)	1:141:A:LYS:H	1:148:A:CYS:HB3	8	0.61
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	19	0.61
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	19	0.61
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	19	0.61
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	19	0.61
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	19	0.61
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	19	0.61
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	19	0.61
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	19	0.61
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	19	0.61
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	19	0.61
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	19	0.61
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	19	0.61
(5,2135)	1:43:A:MET:H	1:43:A:MET:HG2	8	0.61
(5,2135)	1:43:A:MET:H	1:43:A:MET:HG3	8	0.61
(5,2029)	1:23:A:LEU:HD11	1:27:A:ARG:HA	13	0.61
(5,2029)	1:23:A:LEU:HD12	1:27:A:ARG:HA	13	0.61
(5,2029)	1:23:A:LEU:HD13	1:27:A:ARG:HA	13	0.61
(5,2029)	1:23:A:LEU:HD21	1:27:A:ARG:HA	13	0.61
(5,2029)	1:23:A:LEU:HD22	1:27:A:ARG:HA	13	0.61
(5,2029)	1:23:A:LEU:HD23	1:27:A:ARG:HA	13	0.61
(5,1784)	1:43:A:MET:H	1:140:A:LEU:HD21	13	0.61
(5,1784)	1:43:A:MET:H	1:140:A:LEU:HD22	13	0.61
(5,1784)	1:43:A:MET:H	1:140:A:LEU:HD23	13	0.61
(5,1757)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	3	0.61
(5,1757)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	3	0.61
(5,1757)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	3	0.61
(5,1725)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	3	0.61
(5,1725)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	3	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	1	0.61
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	1	0.61
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	1	0.61
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	1	0.61
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	6	0.61
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	6	0.61
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	6	0.61
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	6	0.61
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB2	18	0.61
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB3	18	0.61
(5,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE1	11	0.61
(5,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE2	11	0.61
(5,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE3	11	0.61
(5,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE1	11	0.61
(5,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE2	11	0.61
(5,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE3	11	0.61
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG21	6	0.61
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG22	6	0.61
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG23	6	0.61
(5,1296)	1:14:A:VAL:HG21	1:60:A:LEU:H	15	0.61
(5,1296)	1:14:A:VAL:HG22	1:60:A:LEU:H	15	0.61
(5,1296)	1:14:A:VAL:HG23	1:60:A:LEU:H	15	0.61
(5,1266)	1:12:A:VAL:H	1:12:A:VAL:HG11	8	0.61
(5,1266)	1:12:A:VAL:H	1:12:A:VAL:HG12	8	0.61
(5,1266)	1:12:A:VAL:H	1:12:A:VAL:HG13	8	0.61
(5,1178)	1:140:A:LEU:HD21	1:144:A:LEU:H	16	0.61
(5,1178)	1:140:A:LEU:HD22	1:144:A:LEU:H	16	0.61
(5,1178)	1:140:A:LEU:HD23	1:144:A:LEU:H	16	0.61
(5,969)	1:11:A:ILE:HG12	1:14:A:VAL:HB	8	0.61
(5,960)	1:11:A:ILE:HG12	1:43:A:MET:HB2	11	0.61
(5,887)	1:11:A:ILE:HB	1:44:A:GLU:HG3	7	0.61
(5,630)	1:9:A:PHE:HE1	1:15:A:ALA:H	4	0.61
(5,630)	1:9:A:PHE:HE2	1:15:A:ALA:H	4	0.61
(5,273)	1:113:A:PHE:H	1:116:A:GLN:HG3	4	0.61
(5,273)	1:113:A:PHE:H	1:116:A:GLN:HG3	11	0.61
(5,65)	1:79:A:THR:HG21	1:81:A:GLU:H	8	0.61
(5,65)	1:79:A:THR:HG22	1:81:A:GLU:H	8	0.61
(5,65)	1:79:A:THR:HG23	1:81:A:GLU:H	8	0.61
(4,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	1	0.61
(4,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	1	0.61
(4,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	1	0.61
(4,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	1	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	1	0.61
(4,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	1	0.61
(4,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	1	0.61
(4,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	1	0.61
(4,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	1	0.61
(4,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	1	0.61
(4,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	1	0.61
(4,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	1	0.61
(4,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	1	0.61
(4,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	1	0.61
(4,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	1	0.61
(4,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	1	0.61
(4,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	1	0.61
(4,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	1	0.61
(4,2103)	1:39:A:VAL:HG11	1:44:A:GLU:H	4	0.61
(4,2103)	1:39:A:VAL:HG12	1:44:A:GLU:H	4	0.61
(4,2103)	1:39:A:VAL:HG13	1:44:A:GLU:H	4	0.61
(4,2103)	1:39:A:VAL:HG21	1:44:A:GLU:H	4	0.61
(4,2103)	1:39:A:VAL:HG22	1:44:A:GLU:H	4	0.61
(4,2103)	1:39:A:VAL:HG23	1:44:A:GLU:H	4	0.61
(4,2036)	1:23:A:LEU:HD11	1:25:A:ALA:H	2	0.61
(4,2036)	1:23:A:LEU:HD12	1:25:A:ALA:H	2	0.61
(4,2036)	1:23:A:LEU:HD13	1:25:A:ALA:H	2	0.61
(4,2036)	1:23:A:LEU:HD21	1:25:A:ALA:H	2	0.61
(4,2036)	1:23:A:LEU:HD22	1:25:A:ALA:H	2	0.61
(4,2036)	1:23:A:LEU:HD23	1:25:A:ALA:H	2	0.61
(4,2034)	1:23:A:LEU:HD11	1:24:A:ASP:H	1	0.61
(4,2034)	1:23:A:LEU:HD12	1:24:A:ASP:H	1	0.61
(4,2034)	1:23:A:LEU:HD13	1:24:A:ASP:H	1	0.61
(4,2034)	1:23:A:LEU:HD21	1:24:A:ASP:H	1	0.61
(4,2034)	1:23:A:LEU:HD22	1:24:A:ASP:H	1	0.61
(4,2034)	1:23:A:LEU:HD23	1:24:A:ASP:H	1	0.61
(4,1716)	1:100:A:ALA:H	1:102:A:PRO:HD3	19	0.61
(4,1682)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	3	0.61
(4,1682)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	3	0.61
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD11	19	0.61
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD12	19	0.61
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD13	19	0.61
(4,1561)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	10	0.61
(4,1561)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	10	0.61
(4,1561)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	10	0.61
(4,1561)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	10	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1561)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	10	0.61
(4,1561)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	10	0.61
(4,1561)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	10	0.61
(4,1561)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	10	0.61
(4,1561)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	10	0.61
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	3	0.61
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	3	0.61
(4,1523)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	3	0.61
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	3	0.61
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	3	0.61
(4,1523)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	3	0.61
(4,1441)	1:13:A:ALA:HB1	1:79:A:THR:HB	13	0.61
(4,1441)	1:13:A:ALA:HB2	1:79:A:THR:HB	13	0.61
(4,1441)	1:13:A:ALA:HB3	1:79:A:THR:HB	13	0.61
(4,1236)	1:23:A:LEU:HD11	1:25:A:ALA:H	16	0.61
(4,1236)	1:23:A:LEU:HD12	1:25:A:ALA:H	16	0.61
(4,1236)	1:23:A:LEU:HD13	1:25:A:ALA:H	16	0.61
(4,1206)	1:143:A:TRP:H	1:144:A:LEU:HD11	8	0.61
(4,1206)	1:143:A:TRP:H	1:144:A:LEU:HD12	8	0.61
(4,1206)	1:143:A:TRP:H	1:144:A:LEU:HD13	8	0.61
(4,1051)	1:38:A:GLU:HA	1:42:A:GLU:H	4	0.61
(4,1015)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	5	0.61
(4,838)	1:48:A:ARG:HA	1:48:A:ARG:HD2	1	0.61
(4,838)	1:48:A:ARG:HA	1:48:A:ARG:HD3	1	0.61
(4,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	2	0.61
(4,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	2	0.61
(4,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	2	0.61
(4,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	2	0.61
(4,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	2	0.61
(4,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	2	0.61
(4,788)	1:63:A:ILE:HD11	1:117:A:VAL:HB	13	0.61
(4,788)	1:63:A:ILE:HD12	1:117:A:VAL:HB	13	0.61
(4,788)	1:63:A:ILE:HD13	1:117:A:VAL:HB	13	0.61
(4,573)	1:128:A:LEU:HD21	1:130:A:GLY:H	4	0.61
(4,573)	1:128:A:LEU:HD22	1:130:A:GLY:H	4	0.61
(4,573)	1:128:A:LEU:HD23	1:130:A:GLY:H	4	0.61
(4,70)	1:79:A:THR:HG21	1:81:A:GLU:H	8	0.61
(4,70)	1:79:A:THR:HG22	1:81:A:GLU:H	8	0.61
(4,70)	1:79:A:THR:HG23	1:81:A:GLU:H	8	0.61
(3,2500)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	5	0.61
(3,2500)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	5	0.61
(3,2500)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	5	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2500)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	5	0.61
(3,2500)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	5	0.61
(3,2500)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	5	0.61
(3,1975)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	16	0.61
(3,1975)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	16	0.61
(3,1975)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	16	0.61
(3,1975)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	16	0.61
(3,1921)	1:18:A:PHE:HE1	1:131:A:LEU:H	11	0.61
(3,1921)	1:18:A:PHE:HE2	1:131:A:LEU:H	11	0.61
(3,1769)	1:100:A:ALA:H	1:102:A:PRO:HD3	19	0.61
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD2	15	0.61
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD3	15	0.61
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD2	15	0.61
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD3	15	0.61
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD2	15	0.61
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD3	15	0.61
(3,1735)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	3	0.61
(3,1735)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	3	0.61
(3,1679)	1:134:A:VAL:HG11	1:137:A:SER:H	16	0.61
(3,1679)	1:134:A:VAL:HG12	1:137:A:SER:H	16	0.61
(3,1679)	1:134:A:VAL:HG13	1:137:A:SER:H	16	0.61
(3,1612)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	10	0.61
(3,1612)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	10	0.61
(3,1612)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	10	0.61
(3,1612)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	10	0.61
(3,1612)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	10	0.61
(3,1612)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	10	0.61
(3,1612)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	10	0.61
(3,1612)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	10	0.61
(3,1612)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	10	0.61
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG21	3	0.61
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG22	3	0.61
(3,1566)	1:18:A:PHE:HE1	1:63:A:ILE:HG23	3	0.61
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG21	3	0.61
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG22	3	0.61
(3,1566)	1:18:A:PHE:HE2	1:63:A:ILE:HG23	3	0.61
(3,1557)	1:66:A:THR:HG21	1:69:A:MET:HE1	6	0.61
(3,1557)	1:66:A:THR:HG21	1:69:A:MET:HE2	6	0.61
(3,1557)	1:66:A:THR:HG21	1:69:A:MET:HE3	6	0.61
(3,1557)	1:66:A:THR:HG22	1:69:A:MET:HE1	6	0.61
(3,1557)	1:66:A:THR:HG22	1:69:A:MET:HE2	6	0.61
(3,1557)	1:66:A:THR:HG22	1:69:A:MET:HE3	6	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1557)	1:66:A:THR:HG23	1:69:A:MET:HE1	6	0.61
(3,1557)	1:66:A:THR:HG23	1:69:A:MET:HE2	6	0.61
(3,1557)	1:66:A:THR:HG23	1:69:A:MET:HE3	6	0.61
(3,1188)	1:140:A:LEU:HD21	1:144:A:LEU:H	16	0.61
(3,1188)	1:140:A:LEU:HD22	1:144:A:LEU:H	16	0.61
(3,1188)	1:140:A:LEU:HD23	1:144:A:LEU:H	16	0.61
(3,980)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	5	0.61
(3,980)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	5	0.61
(3,944)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	16	0.61
(3,944)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	16	0.61
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	11	0.61
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	11	0.61
(3,350)	1:73:A:ILE:HD11	1:111:A:GLU:H	3	0.61
(3,350)	1:73:A:ILE:HD12	1:111:A:GLU:H	3	0.61
(3,350)	1:73:A:ILE:HD13	1:111:A:GLU:H	3	0.61
(3,7)	1:39:A:VAL:HG11	1:143:A:TRP:HE1	10	0.61
(3,7)	1:39:A:VAL:HG12	1:143:A:TRP:HE1	10	0.61
(3,7)	1:39:A:VAL:HG13	1:143:A:TRP:HE1	10	0.61
(2,2464)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	5	0.61
(2,2464)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	5	0.61
(2,2464)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	5	0.61
(2,2464)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	5	0.61
(2,2464)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	5	0.61
(2,2464)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	5	0.61
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	19	0.61
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	19	0.61
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	19	0.61
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	19	0.61
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	19	0.61
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	19	0.61
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	19	0.61
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	19	0.61
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	19	0.61
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	19	0.61
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	19	0.61
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	19	0.61
(2,2166)	1:44:A:GLU:H	1:44:A:GLU:HG2	11	0.61
(2,2166)	1:44:A:GLU:H	1:44:A:GLU:HG3	11	0.61
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD11	14	0.61
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD12	14	0.61
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD13	14	0.61
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD21	14	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD22	14	0.61
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD23	14	0.61
(2,2076)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	16	0.61
(2,2076)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	16	0.61
(2,2076)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	16	0.61
(2,2076)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	16	0.61
(2,2056)	1:23:A:LEU:HD11	1:25:A:ALA:H	2	0.61
(2,2056)	1:23:A:LEU:HD12	1:25:A:ALA:H	2	0.61
(2,2056)	1:23:A:LEU:HD13	1:25:A:ALA:H	2	0.61
(2,2056)	1:23:A:LEU:HD21	1:25:A:ALA:H	2	0.61
(2,2056)	1:23:A:LEU:HD22	1:25:A:ALA:H	2	0.61
(2,2056)	1:23:A:LEU:HD23	1:25:A:ALA:H	2	0.61
(2,1993)	1:12:A:VAL:HG11	1:43:A:MET:H	6	0.61
(2,1993)	1:12:A:VAL:HG12	1:43:A:MET:H	6	0.61
(2,1993)	1:12:A:VAL:HG13	1:43:A:MET:H	6	0.61
(2,1993)	1:12:A:VAL:HG21	1:43:A:MET:H	6	0.61
(2,1993)	1:12:A:VAL:HG22	1:43:A:MET:H	6	0.61
(2,1993)	1:12:A:VAL:HG23	1:43:A:MET:H	6	0.61
(2,1942)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	19	0.61
(2,1932)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	14	0.61
(2,1932)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	14	0.61
(2,1932)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	14	0.61
(2,1932)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	14	0.61
(2,1919)	1:18:A:PHE:HE1	1:131:A:LEU:H	11	0.61
(2,1919)	1:18:A:PHE:HE2	1:131:A:LEU:H	11	0.61
(2,1898)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	11	0.61
(2,1898)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	11	0.61
(2,1898)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	11	0.61
(2,1898)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	11	0.61
(2,1898)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	11	0.61
(2,1898)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	11	0.61
(2,1751)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	3	0.61
(2,1751)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	3	0.61
(2,1751)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	3	0.61
(2,1721)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	3	0.61
(2,1721)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	3	0.61
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB2	18	0.61
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB3	18	0.61
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	18	0.61
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	18	0.61
(2,1666)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	18	0.61
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	18	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	18	0.61
(2,1666)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	18	0.61
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	18	0.61
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	18	0.61
(2,1666)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	18	0.61
(2,1593)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	10	0.61
(2,1593)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	10	0.61
(2,1593)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	10	0.61
(2,1593)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	10	0.61
(2,1593)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	10	0.61
(2,1593)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	10	0.61
(2,1593)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	10	0.61
(2,1593)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	10	0.61
(2,1593)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	10	0.61
(2,1535)	1:76:A:ARG:HG2	1:110:A:MET:HE1	11	0.61
(2,1535)	1:76:A:ARG:HG2	1:110:A:MET:HE2	11	0.61
(2,1535)	1:76:A:ARG:HG2	1:110:A:MET:HE3	11	0.61
(2,1535)	1:76:A:ARG:HG3	1:110:A:MET:HE1	11	0.61
(2,1535)	1:76:A:ARG:HG3	1:110:A:MET:HE2	11	0.61
(2,1535)	1:76:A:ARG:HG3	1:110:A:MET:HE3	11	0.61
(2,1467)	1:13:A:ALA:HB1	1:79:A:THR:HB	13	0.61
(2,1467)	1:13:A:ALA:HB2	1:79:A:THR:HB	13	0.61
(2,1467)	1:13:A:ALA:HB3	1:79:A:THR:HB	13	0.61
(2,1362)	1:39:A:VAL:HG11	1:143:A:TRP:H	9	0.61
(2,1362)	1:39:A:VAL:HG12	1:143:A:TRP:H	9	0.61
(2,1362)	1:39:A:VAL:HG13	1:143:A:TRP:H	9	0.61
(2,1362)	1:39:A:VAL:HG11	1:143:A:TRP:H	19	0.61
(2,1362)	1:39:A:VAL:HG12	1:143:A:TRP:H	19	0.61
(2,1362)	1:39:A:VAL:HG13	1:143:A:TRP:H	19	0.61
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	16	0.61
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	16	0.61
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	16	0.61
(2,1256)	1:23:A:LEU:HD11	1:25:A:ALA:H	16	0.61
(2,1256)	1:23:A:LEU:HD12	1:25:A:ALA:H	16	0.61
(2,1256)	1:23:A:LEU:HD13	1:25:A:ALA:H	16	0.61
(2,1249)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	10	0.61
(2,1249)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	10	0.61
(2,1249)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	10	0.61
(2,1223)	1:143:A:TRP:H	1:144:A:LEU:HD11	8	0.61
(2,1223)	1:143:A:TRP:H	1:144:A:LEU:HD12	8	0.61
(2,1223)	1:143:A:TRP:H	1:144:A:LEU:HD13	8	0.61
(2,1161)	1:140:A:LEU:HD21	1:144:A:LEU:H	16	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1161)	1:140:A:LEU:HD22	1:144:A:LEU:H	16	0.61
(2,1161)	1:140:A:LEU:HD23	1:144:A:LEU:H	16	0.61
(2,918)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	16	0.61
(2,918)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	16	0.61
(2,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	2	0.61
(2,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	2	0.61
(2,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	2	0.61
(2,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	2	0.61
(2,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	2	0.61
(2,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	2	0.61
(2,784)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	11	0.61
(2,784)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	11	0.61
(2,784)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	11	0.61
(2,784)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	11	0.61
(2,784)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	11	0.61
(2,784)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	11	0.61
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG11	16	0.61
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG12	16	0.61
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG13	16	0.61
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD21	11	0.61
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD22	11	0.61
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD23	11	0.61
(2,391)	1:105:A:LYS:HD2	1:106:A:ASP:H	1	0.61
(2,391)	1:105:A:LYS:HD3	1:106:A:ASP:H	1	0.61
(2,68)	1:79:A:THR:HG21	1:81:A:GLU:H	8	0.61
(2,68)	1:79:A:THR:HG22	1:81:A:GLU:H	8	0.61
(2,68)	1:79:A:THR:HG23	1:81:A:GLU:H	8	0.61
(1,2044)	1:28:A:GLY:HA2	1:30:A:LEU:HD11	19	0.61
(1,2044)	1:28:A:GLY:HA2	1:30:A:LEU:HD12	19	0.61
(1,2044)	1:28:A:GLY:HA2	1:30:A:LEU:HD13	19	0.61
(1,2044)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	19	0.61
(1,2044)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	19	0.61
(1,2044)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	19	0.61
(1,2044)	1:28:A:GLY:HA3	1:30:A:LEU:HD11	19	0.61
(1,2044)	1:28:A:GLY:HA3	1:30:A:LEU:HD12	19	0.61
(1,2044)	1:28:A:GLY:HA3	1:30:A:LEU:HD13	19	0.61
(1,2044)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	19	0.61
(1,2044)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	19	0.61
(1,2044)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	19	0.61
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG11	12	0.61
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG12	12	0.61
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG13	12	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG21	12	0.61
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG22	12	0.61
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG23	12	0.61
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG11	12	0.61
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG12	12	0.61
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG13	12	0.61
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG21	12	0.61
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG22	12	0.61
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG23	12	0.61
(1,2000)	1:17:A:ASN:HD21	1:113:A:PHE:HE1	12	0.61
(1,2000)	1:17:A:ASN:HD21	1:113:A:PHE:HE2	12	0.61
(1,2000)	1:17:A:ASN:HD22	1:113:A:PHE:HE1	12	0.61
(1,2000)	1:17:A:ASN:HD22	1:113:A:PHE:HE2	12	0.61
(1,2000)	1:17:A:ASN:HD21	1:113:A:PHE:HE1	13	0.61
(1,2000)	1:17:A:ASN:HD21	1:113:A:PHE:HE2	13	0.61
(1,2000)	1:17:A:ASN:HD22	1:113:A:PHE:HE1	13	0.61
(1,2000)	1:17:A:ASN:HD22	1:113:A:PHE:HE2	13	0.61
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	10	0.61
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	10	0.61
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	10	0.61
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	10	0.61
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	10	0.61
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	10	0.61
(1,1876)	1:18:A:PHE:HD1	1:113:A:PHE:HE1	19	0.61
(1,1876)	1:18:A:PHE:HD1	1:113:A:PHE:HE2	19	0.61
(1,1876)	1:18:A:PHE:HD2	1:113:A:PHE:HE1	19	0.61
(1,1876)	1:18:A:PHE:HD2	1:113:A:PHE:HE2	19	0.61
(1,1831)	1:18:A:PHE:HE1	1:131:A:LEU:HB2	16	0.61
(1,1831)	1:18:A:PHE:HE2	1:131:A:LEU:HB2	16	0.61
(1,1748)	1:100:A:ALA:H	1:102:A:PRO:HD3	19	0.61
(1,1716)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	3	0.61
(1,1716)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	3	0.61
(1,1636)	1:10:A:ASN:HB3	1:14:A:VAL:HB	15	0.61
(1,1483)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	8	0.61
(1,1483)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	10	0.61
(1,1345)	1:125:A:THR:HG21	1:128:A:LEU:HB2	19	0.61
(1,1345)	1:125:A:THR:HG22	1:128:A:LEU:HB2	19	0.61
(1,1345)	1:125:A:THR:HG23	1:128:A:LEU:HB2	19	0.61
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	19	0.61
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	19	0.61
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	19	0.61
(1,1258)	1:12:A:VAL:H	1:12:A:VAL:HG11	8	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1258)	1:12:A:VAL:H	1:12:A:VAL:HG12	8	0.61
(1,1258)	1:12:A:VAL:H	1:12:A:VAL:HG13	8	0.61
(1,1247)	1:40:A:LEU:HD11	1:44:A:GLU:H	15	0.61
(1,1247)	1:40:A:LEU:HD12	1:44:A:GLU:H	15	0.61
(1,1247)	1:40:A:LEU:HD13	1:44:A:GLU:H	15	0.61
(1,1229)	1:143:A:TRP:H	1:144:A:LEU:HD21	14	0.61
(1,1229)	1:143:A:TRP:H	1:144:A:LEU:HD22	14	0.61
(1,1229)	1:143:A:TRP:H	1:144:A:LEU:HD23	14	0.61
(1,857)	1:48:A:ARG:HD2	1:49:A:LYS:H	4	0.61
(1,857)	1:48:A:ARG:HD3	1:49:A:LYS:H	4	0.61
(1,852)	1:45:A:ALA:HA	1:48:A:ARG:HD2	2	0.61
(1,852)	1:45:A:ALA:HA	1:48:A:ARG:HD3	2	0.61
(1,809)	1:63:A:ILE:HD11	1:117:A:VAL:HB	13	0.61
(1,809)	1:63:A:ILE:HD12	1:117:A:VAL:HB	13	0.61
(1,809)	1:63:A:ILE:HD13	1:117:A:VAL:HB	13	0.61
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG11	16	0.61
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG12	16	0.61
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG13	16	0.61
(1,498)	1:97:A:ASP:HB2	1:105:A:LYS:H	4	0.61
(1,498)	1:97:A:ASP:HB3	1:105:A:LYS:H	4	0.61
(1,439)	1:143:A:TRP:H	1:144:A:LEU:HD11	8	0.61
(1,439)	1:143:A:TRP:H	1:144:A:LEU:HD12	8	0.61
(1,439)	1:143:A:TRP:H	1:144:A:LEU:HD13	8	0.61
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD1	12	0.61
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD2	12	0.61
(1,73)	1:63:A:ILE:HG21	1:117:A:VAL:H	11	0.61
(1,73)	1:63:A:ILE:HG22	1:117:A:VAL:H	11	0.61
(1,73)	1:63:A:ILE:HG23	1:117:A:VAL:H	11	0.61
(1,72)	1:79:A:THR:HG21	1:81:A:GLU:H	8	0.61
(1,72)	1:79:A:THR:HG22	1:81:A:GLU:H	8	0.61
(1,72)	1:79:A:THR:HG23	1:81:A:GLU:H	8	0.61
(34,2432)	1:131:A:LEU:H	1:134:A:VAL:HG11	11	0.6
(34,2432)	1:131:A:LEU:H	1:134:A:VAL:HG12	11	0.6
(34,2432)	1:131:A:LEU:H	1:134:A:VAL:HG13	11	0.6
(34,2432)	1:131:A:LEU:H	1:134:A:VAL:HG21	11	0.6
(34,2432)	1:131:A:LEU:H	1:134:A:VAL:HG22	11	0.6
(34,2432)	1:131:A:LEU:H	1:134:A:VAL:HG23	11	0.6
(34,2239)	1:69:A:MET:HG2	1:72:A:PHE:HB2	3	0.6
(34,2239)	1:69:A:MET:HG3	1:72:A:PHE:HB2	3	0.6
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	13	0.6
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	13	0.6
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	13	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	13	0.6
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	13	0.6
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	13	0.6
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	13	0.6
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	13	0.6
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	13	0.6
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	13	0.6
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	13	0.6
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	13	0.6
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	13	0.6
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	13	0.6
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	13	0.6
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	13	0.6
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	13	0.6
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	13	0.6
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	6	0.6
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	6	0.6
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	6	0.6
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	6	0.6
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	6	0.6
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	6	0.6
(34,2118)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	8	0.6
(34,2118)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	8	0.6
(34,2118)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	8	0.6
(34,2118)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	8	0.6
(34,2118)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	8	0.6
(34,2118)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	8	0.6
(34,2118)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	8	0.6
(34,2118)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	8	0.6
(34,2118)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	8	0.6
(34,2118)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	8	0.6
(34,2118)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	8	0.6
(34,2118)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	8	0.6
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD11	12	0.6
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD12	12	0.6
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD13	12	0.6
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD21	12	0.6
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD22	12	0.6
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD23	12	0.6
(34,2047)	1:23:A:LEU:HD11	1:24:A:ASP:H	12	0.6
(34,2047)	1:23:A:LEU:HD12	1:24:A:ASP:H	12	0.6
(34,2047)	1:23:A:LEU:HD13	1:24:A:ASP:H	12	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2047)	1:23:A:LEU:HD21	1:24:A:ASP:H	12	0.6
(34,2047)	1:23:A:LEU:HD22	1:24:A:ASP:H	12	0.6
(34,2047)	1:23:A:LEU:HD23	1:24:A:ASP:H	12	0.6
(34,2018)	1:17:A:ASN:HB2	1:76:A:ARG:HA	13	0.6
(34,2018)	1:17:A:ASN:HB3	1:76:A:ARG:HA	13	0.6
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG11	5	0.6
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG12	5	0.6
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG13	5	0.6
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	5	0.6
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	5	0.6
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	5	0.6
(34,1865)	1:9:A:PHE:HZ	1:11:A:ILE:HA	5	0.6
(34,1777)	1:97:A:ASP:HA	1:105:A:LYS:HG2	12	0.6
(34,1665)	1:132:A:ALA:HA	1:134:A:VAL:HG21	1	0.6
(34,1665)	1:132:A:ALA:HA	1:134:A:VAL:HG22	1	0.6
(34,1665)	1:132:A:ALA:HA	1:134:A:VAL:HG23	1	0.6
(34,1553)	1:76:A:ARG:HE	1:110:A:MET:HE1	18	0.6
(34,1553)	1:76:A:ARG:HE	1:110:A:MET:HE2	18	0.6
(34,1553)	1:76:A:ARG:HE	1:110:A:MET:HE3	18	0.6
(34,1362)	1:17:A:ASN:HA	1:76:A:ARG:HA	3	0.6
(34,1256)	1:143:A:TRP:H	1:144:A:LEU:HD11	5	0.6
(34,1256)	1:143:A:TRP:H	1:144:A:LEU:HD12	5	0.6
(34,1256)	1:143:A:TRP:H	1:144:A:LEU:HD13	5	0.6
(34,1155)	1:57:A:LEU:HG	1:60:A:LEU:HD11	6	0.6
(34,1155)	1:57:A:LEU:HG	1:60:A:LEU:HD12	6	0.6
(34,1155)	1:57:A:LEU:HG	1:60:A:LEU:HD13	6	0.6
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD11	14	0.6
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD12	14	0.6
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD13	14	0.6
(34,955)	1:60:A:LEU:HB3	1:117:A:VAL:HA	17	0.6
(34,951)	1:107:A:LEU:HB2	1:112:A:GLN:HG2	10	0.6
(34,951)	1:107:A:LEU:HB2	1:112:A:GLN:HG3	10	0.6
(34,951)	1:107:A:LEU:HB3	1:112:A:GLN:HG2	10	0.6
(34,951)	1:107:A:LEU:HB3	1:112:A:GLN:HG3	10	0.6
(34,842)	1:48:A:ARG:HD2	1:49:A:LYS:HA	7	0.6
(34,842)	1:48:A:ARG:HD3	1:49:A:LYS:HA	7	0.6
(34,680)	1:63:A:ILE:HG12	1:117:A:VAL:H	13	0.6
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD21	10	0.6
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD22	10	0.6
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD23	10	0.6
(34,594)	1:126:A:GLY:H	1:128:A:LEU:HB2	16	0.6
(34,118)	1:80:A:TYR:H	1:81:A:GLU:HG2	4	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,118)	1:80:A:TYR:H	1:81:A:GLU:HG3	4	0.6
(34,42)	1:43:A:MET:HA	1:47:A:ALA:H	15	0.6
(33,2252)	1:69:A:MET:HG2	1:72:A:PHE:HB2	3	0.6
(33,2252)	1:69:A:MET:HG3	1:72:A:PHE:HB2	3	0.6
(33,2248)	1:69:A:MET:H	1:70:A:LYS:HG2	6	0.6
(33,2248)	1:69:A:MET:H	1:70:A:LYS:HG3	6	0.6
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD11	5	0.6
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD12	5	0.6
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD13	5	0.6
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD21	5	0.6
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD22	5	0.6
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD23	5	0.6
(33,2070)	1:34:A:LYS:HG2	1:81:A:GLU:HB2	4	0.6
(33,2070)	1:34:A:LYS:HG2	1:81:A:GLU:HB3	4	0.6
(33,2070)	1:34:A:LYS:HG3	1:81:A:GLU:HB2	4	0.6
(33,2070)	1:34:A:LYS:HG3	1:81:A:GLU:HB3	4	0.6
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	10	0.6
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	10	0.6
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	10	0.6
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	10	0.6
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	10	0.6
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	10	0.6
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	10	0.6
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	10	0.6
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	10	0.6
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	10	0.6
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	10	0.6
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	10	0.6
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	10	0.6
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	10	0.6
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	10	0.6
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	10	0.6
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	10	0.6
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	10	0.6
(33,1973)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	19	0.6
(33,1973)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	19	0.6
(33,1973)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	19	0.6
(33,1973)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	19	0.6
(33,1973)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	19	0.6
(33,1973)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	19	0.6
(33,1973)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	19	0.6
(33,1973)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	19	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1973)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	19	0.6
(33,1973)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	19	0.6
(33,1973)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	19	0.6
(33,1973)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	19	0.6
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	17	0.6
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	17	0.6
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	17	0.6
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	17	0.6
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	17	0.6
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	17	0.6
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	17	0.6
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	17	0.6
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	17	0.6
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	17	0.6
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	17	0.6
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	17	0.6
(33,1795)	1:9:A:PHE:HD1	1:11:A:ILE:HB	10	0.6
(33,1795)	1:9:A:PHE:HD2	1:11:A:ILE:HB	10	0.6
(33,1755)	1:43:A:MET:H	1:140:A:LEU:HD11	19	0.6
(33,1755)	1:43:A:MET:H	1:140:A:LEU:HD12	19	0.6
(33,1755)	1:43:A:MET:H	1:140:A:LEU:HD13	19	0.6
(33,1529)	1:76:A:ARG:HE	1:110:A:MET:HE1	18	0.6
(33,1529)	1:76:A:ARG:HE	1:110:A:MET:HE2	18	0.6
(33,1529)	1:76:A:ARG:HE	1:110:A:MET:HE3	18	0.6
(33,1470)	1:95:A:ILE:HG21	1:97:A:ASP:H	10	0.6
(33,1470)	1:95:A:ILE:HG22	1:97:A:ASP:H	10	0.6
(33,1470)	1:95:A:ILE:HG23	1:97:A:ASP:H	10	0.6
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB1	16	0.6
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB2	16	0.6
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB3	16	0.6
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	16	0.6
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	16	0.6
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	16	0.6
(33,1269)	1:118:A:ASP:HA	1:121:A:VAL:HG11	16	0.6
(33,1269)	1:118:A:ASP:HA	1:121:A:VAL:HG12	16	0.6
(33,1269)	1:118:A:ASP:HA	1:121:A:VAL:HG13	16	0.6
(33,1174)	1:136:A:CYS:HA	1:140:A:LEU:HD11	3	0.6
(33,1174)	1:136:A:CYS:HA	1:140:A:LEU:HD12	3	0.6
(33,1174)	1:136:A:CYS:HA	1:140:A:LEU:HD13	3	0.6
(33,1083)	1:48:A:ARG:HG2	1:49:A:LYS:HA	12	0.6
(33,1083)	1:48:A:ARG:HG3	1:49:A:LYS:HA	12	0.6
(33,1082)	1:45:A:ALA:HA	1:48:A:ARG:HG2	3	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1082)	1:45:A:ALA:HA	1:48:A:ARG:HG3	3	0.6
(33,981)	1:15:A:ALA:HB1	1:134:A:VAL:HB	8	0.6
(33,981)	1:15:A:ALA:HB2	1:134:A:VAL:HB	8	0.6
(33,981)	1:15:A:ALA:HB3	1:134:A:VAL:HB	8	0.6
(33,956)	1:40:A:LEU:HA	1:43:A:MET:HG2	2	0.6
(33,937)	1:107:A:LEU:HB2	1:112:A:GLN:HG2	10	0.6
(33,937)	1:107:A:LEU:HB2	1:112:A:GLN:HG3	10	0.6
(33,937)	1:107:A:LEU:HB3	1:112:A:GLN:HG2	10	0.6
(33,937)	1:107:A:LEU:HB3	1:112:A:GLN:HG3	10	0.6
(33,883)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	2	0.6
(33,883)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	2	0.6
(33,883)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	2	0.6
(33,58)	1:98:A:ILE:H	1:101:A:ILE:HG13	13	0.6
(32,2394)	1:125:A:THR:HB	1:129:A:LYS:HG2	9	0.6
(32,2394)	1:125:A:THR:HB	1:129:A:LYS:HG3	9	0.6
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	5	0.6
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	5	0.6
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	5	0.6
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	5	0.6
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	5	0.6
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	5	0.6
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	5	0.6
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	5	0.6
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	5	0.6
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	5	0.6
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	5	0.6
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	5	0.6
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG2	5	0.6
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	5	0.6
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG2	5	0.6
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	5	0.6
(32,2290)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	4	0.6
(32,2290)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	4	0.6
(32,2290)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	4	0.6
(32,2290)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	4	0.6
(32,2290)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	4	0.6
(32,2290)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	4	0.6
(32,2290)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	4	0.6
(32,2290)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	4	0.6
(32,2290)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	4	0.6
(32,2290)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	4	0.6
(32,2290)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	4	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2290)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	4	0.6
(32,2242)	1:69:A:MET:H	1:70:A:LYS:HG2	6	0.6
(32,2242)	1:69:A:MET:H	1:70:A:LYS:HG3	6	0.6
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD11	14	0.6
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD12	14	0.6
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD13	14	0.6
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD21	14	0.6
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD22	14	0.6
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD23	14	0.6
(32,1877)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	6	0.6
(32,1816)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	13	0.6
(32,1816)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	13	0.6
(32,1816)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	13	0.6
(32,1816)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	13	0.6
(32,1816)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	13	0.6
(32,1816)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	13	0.6
(32,1810)	1:79:A:THR:HB	1:80:A:TYR:HE1	1	0.6
(32,1810)	1:79:A:THR:HB	1:80:A:TYR:HE2	1	0.6
(32,1676)	1:14:A:VAL:H	1:79:A:THR:HG21	13	0.6
(32,1676)	1:14:A:VAL:H	1:79:A:THR:HG22	13	0.6
(32,1676)	1:14:A:VAL:H	1:79:A:THR:HG23	13	0.6
(32,1498)	1:76:A:ARG:HE	1:110:A:MET:HE1	18	0.6
(32,1498)	1:76:A:ARG:HE	1:110:A:MET:HE2	18	0.6
(32,1498)	1:76:A:ARG:HE	1:110:A:MET:HE3	18	0.6
(32,1237)	1:15:A:ALA:HA	1:131:A:LEU:HB2	7	0.6
(32,1091)	1:40:A:LEU:HA	1:44:A:GLU:HB2	6	0.6
(32,1091)	1:40:A:LEU:HA	1:44:A:GLU:HB3	6	0.6
(32,958)	1:104:A:PHE:H	1:105:A:LYS:HD2	17	0.6
(32,958)	1:104:A:PHE:H	1:105:A:LYS:HD3	17	0.6
(32,905)	1:107:A:LEU:HB2	1:112:A:GLN:HG2	10	0.6
(32,905)	1:107:A:LEU:HB2	1:112:A:GLN:HG3	10	0.6
(32,905)	1:107:A:LEU:HB3	1:112:A:GLN:HG2	10	0.6
(32,905)	1:107:A:LEU:HB3	1:112:A:GLN:HG3	10	0.6
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	11	0.6
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	11	0.6
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	11	0.6
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	11	0.6
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	11	0.6
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	11	0.6
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	11	0.6
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	11	0.6
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	11	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,425)	1:143:A:TRP:H	1:144:A:LEU:HD11	5	0.6
(32,425)	1:143:A:TRP:H	1:144:A:LEU:HD12	5	0.6
(32,425)	1:143:A:TRP:H	1:144:A:LEU:HD13	5	0.6
(32,289)	1:43:A:MET:H	1:43:A:MET:HG3	1	0.6
(30,2286)	1:79:A:THR:HG21	1:81:A:GLU:HB2	3	0.6
(30,2286)	1:79:A:THR:HG21	1:81:A:GLU:HB3	3	0.6
(30,2286)	1:79:A:THR:HG22	1:81:A:GLU:HB2	3	0.6
(30,2286)	1:79:A:THR:HG22	1:81:A:GLU:HB3	3	0.6
(30,2286)	1:79:A:THR:HG23	1:81:A:GLU:HB2	3	0.6
(30,2286)	1:79:A:THR:HG23	1:81:A:GLU:HB3	3	0.6
(30,2210)	1:57:A:LEU:HD11	1:60:A:LEU:HG	3	0.6
(30,2210)	1:57:A:LEU:HD12	1:60:A:LEU:HG	3	0.6
(30,2210)	1:57:A:LEU:HD13	1:60:A:LEU:HG	3	0.6
(30,2210)	1:57:A:LEU:HD21	1:60:A:LEU:HG	3	0.6
(30,2210)	1:57:A:LEU:HD22	1:60:A:LEU:HG	3	0.6
(30,2210)	1:57:A:LEU:HD23	1:60:A:LEU:HG	3	0.6
(30,1912)	1:35:A:LEU:HG	1:80:A:TYR:HE1	10	0.6
(30,1912)	1:35:A:LEU:HG	1:80:A:TYR:HE2	10	0.6
(30,1827)	1:9:A:PHE:HZ	1:57:A:LEU:HA	14	0.6
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	6	0.6
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	6	0.6
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	6	0.6
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	6	0.6
(30,1787)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	19	0.6
(30,1787)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	19	0.6
(30,1373)	1:47:A:ALA:H	1:134:A:VAL:HG11	1	0.6
(30,1373)	1:47:A:ALA:H	1:134:A:VAL:HG12	1	0.6
(30,1373)	1:47:A:ALA:H	1:134:A:VAL:HG13	1	0.6
(30,1226)	1:143:A:TRP:H	1:144:A:LEU:HD11	5	0.6
(30,1226)	1:143:A:TRP:H	1:144:A:LEU:HD12	5	0.6
(30,1226)	1:143:A:TRP:H	1:144:A:LEU:HD13	5	0.6
(30,1087)	1:136:A:CYS:HB3	1:141:A:LYS:HA	3	0.6
(30,1056)	1:134:A:VAL:HG21	1:140:A:LEU:HG	5	0.6
(30,1056)	1:134:A:VAL:HG22	1:140:A:LEU:HG	5	0.6
(30,1056)	1:134:A:VAL:HG23	1:140:A:LEU:HG	5	0.6
(30,1020)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	3	0.6
(30,928)	1:107:A:LEU:HB2	1:112:A:GLN:HG2	10	0.6
(30,928)	1:107:A:LEU:HB2	1:112:A:GLN:HG3	10	0.6
(30,928)	1:107:A:LEU:HB3	1:112:A:GLN:HG2	10	0.6
(30,928)	1:107:A:LEU:HB3	1:112:A:GLN:HG3	10	0.6
(30,921)	1:81:A:GLU:H	1:81:A:GLU:HG2	16	0.6
(30,921)	1:81:A:GLU:H	1:81:A:GLU:HG3	16	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	13	0.6
(30,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	13	0.6
(30,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	13	0.6
(30,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	13	0.6
(30,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	13	0.6
(30,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	13	0.6
(30,667)	1:63:A:ILE:HG12	1:117:A:VAL:H	13	0.6
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD21	10	0.6
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD22	10	0.6
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD23	10	0.6
(30,152)	1:131:A:LEU:H	1:131:A:LEU:HG	13	0.6
(30,62)	1:80:A:TYR:HA	1:81:A:GLU:H	3	0.6
(29,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	4	0.6
(29,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	4	0.6
(29,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	4	0.6
(29,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	4	0.6
(29,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	4	0.6
(29,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	4	0.6
(29,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	4	0.6
(29,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	4	0.6
(29,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	4	0.6
(29,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	4	0.6
(29,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	4	0.6
(29,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	4	0.6
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	6	0.6
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	6	0.6
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	6	0.6
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	6	0.6
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	6	0.6
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	6	0.6
(29,1713)	1:52:A:CYS:HA	1:124:A:THR:HB	10	0.6
(29,1259)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	7	0.6
(29,1259)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	7	0.6
(29,1259)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	7	0.6
(29,1259)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	7	0.6
(29,1259)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	7	0.6
(29,1259)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	7	0.6
(29,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	6	0.6
(29,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	6	0.6
(29,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	6	0.6
(29,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	6	0.6
(29,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	6	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	6	0.6
(29,942)	1:107:A:LEU:HB2	1:112:A:GLN:HG2	10	0.6
(29,942)	1:107:A:LEU:HB2	1:112:A:GLN:HG3	10	0.6
(29,942)	1:107:A:LEU:HB3	1:112:A:GLN:HG2	10	0.6
(29,942)	1:107:A:LEU:HB3	1:112:A:GLN:HG3	10	0.6
(29,798)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	13	0.6
(29,798)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	13	0.6
(29,798)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	13	0.6
(29,798)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	13	0.6
(29,798)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	13	0.6
(29,798)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	13	0.6
(29,723)	1:48:A:ARG:HE	1:49:A:LYS:H	19	0.6
(29,156)	1:131:A:LEU:H	1:131:A:LEU:HG	13	0.6
(29,118)	1:80:A:TYR:H	1:81:A:GLU:HG2	4	0.6
(29,118)	1:80:A:TYR:H	1:81:A:GLU:HG3	4	0.6
(29,8)	1:64:A:LYS:H	1:116:A:GLN:HE22	9	0.6
(23,21)	1:129:A:LYS:N	1:125:A:THR:O	1	0.6
(23,21)	1:129:A:LYS:N	1:125:A:THR:O	10	0.6
(23,21)	1:129:A:LYS:N	1:125:A:THR:O	11	0.6
(23,18)	1:119:A:LEU:N	1:115:A:ALA:O	11	0.6
(23,16)	1:117:A:VAL:N	1:113:A:PHE:O	3	0.6
(23,12)	1:113:A:PHE:N	1:109:A:PRO:O	19	0.6
(23,7)	1:60:A:LEU:N	1:56:A:CYS:O	8	0.6
(23,7)	1:60:A:LEU:N	1:56:A:CYS:O	11	0.6
(22,36)	1:119:A:LEU:N	1:115:A:ALA:C	4	0.6
(22,35)	1:119:A:LEU:H	1:115:A:ALA:C	1	0.6
(22,34)	1:118:A:ASP:N	1:114:A:ILE:C	8	0.6
(22,33)	1:118:A:ASP:H	1:114:A:ILE:C	6	0.6
(22,29)	1:116:A:GLN:H	1:112:A:GLN:C	15	0.6
(22,13)	1:60:A:LEU:H	1:56:A:CYS:C	12	0.6
(22,6)	1:44:A:GLU:N	1:40:A:LEU:C	18	0.6
(22,5)	1:44:A:GLU:H	1:40:A:LEU:C	5	0.6
(19,16)	1:52:A:CYS:SG	1:56:A:CYS:CB	5	0.6
(19,15)	1:52:A:CYS:SG	1:127:A:CYS:CB	10	0.6
(19,10)	1:127:A:CYS:SG	1:52:A:CYS:CB	6	0.6
(19,7)	1:123:A:CYS:SG	1:56:A:CYS:CB	8	0.6
(19,7)	1:123:A:CYS:SG	1:56:A:CYS:CB	9	0.6
(18,2281)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	4	0.6
(18,2281)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	4	0.6
(18,2281)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	4	0.6
(18,2281)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	4	0.6
(18,2281)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	4	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2281)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	4	0.6
(18,2281)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	4	0.6
(18,2281)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	4	0.6
(18,2281)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	4	0.6
(18,2281)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	4	0.6
(18,2281)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	4	0.6
(18,2281)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	4	0.6
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD11	12	0.6
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD12	12	0.6
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD13	12	0.6
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD21	12	0.6
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD22	12	0.6
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD23	12	0.6
(18,2037)	1:23:A:LEU:HD11	1:24:A:ASP:H	18	0.6
(18,2037)	1:23:A:LEU:HD12	1:24:A:ASP:H	18	0.6
(18,2037)	1:23:A:LEU:HD13	1:24:A:ASP:H	18	0.6
(18,2037)	1:23:A:LEU:HD21	1:24:A:ASP:H	18	0.6
(18,2037)	1:23:A:LEU:HD22	1:24:A:ASP:H	18	0.6
(18,2037)	1:23:A:LEU:HD23	1:24:A:ASP:H	18	0.6
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	8	0.6
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	8	0.6
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	8	0.6
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	8	0.6
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	8	0.6
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	8	0.6
(18,1893)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	11	0.6
(18,1893)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	11	0.6
(18,1893)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	11	0.6
(18,1893)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	11	0.6
(18,1801)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	10	0.6
(18,1801)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	10	0.6
(18,1682)	1:43:A:MET:HE1	1:131:A:LEU:HA	1	0.6
(18,1682)	1:43:A:MET:HE2	1:131:A:LEU:HA	1	0.6
(18,1682)	1:43:A:MET:HE3	1:131:A:LEU:HA	1	0.6
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB2	6	0.6
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB3	6	0.6
(18,1537)	1:143:A:TRP:HB3	1:144:A:LEU:HD21	16	0.6
(18,1537)	1:143:A:TRP:HB3	1:144:A:LEU:HD22	16	0.6
(18,1537)	1:143:A:TRP:HB3	1:144:A:LEU:HD23	16	0.6
(18,1527)	1:76:A:ARG:HE	1:110:A:MET:HE1	18	0.6
(18,1527)	1:76:A:ARG:HE	1:110:A:MET:HE2	18	0.6
(18,1527)	1:76:A:ARG:HE	1:110:A:MET:HE3	18	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1269)	1:15:A:ALA:HA	1:131:A:LEU:HB2	7	0.6
(18,884)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	2	0.6
(18,884)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	2	0.6
(18,884)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	2	0.6
(18,741)	1:17:A:ASN:HD21	1:18:A:PHE:H	12	0.6
(18,450)	1:143:A:TRP:H	1:144:A:LEU:HD11	5	0.6
(18,450)	1:143:A:TRP:H	1:144:A:LEU:HD12	5	0.6
(18,450)	1:143:A:TRP:H	1:144:A:LEU:HD13	5	0.6
(18,382)	1:40:A:LEU:HB2	1:41:A:LYS:H	10	0.6
(18,239)	1:112:A:GLN:HG2	1:114:A:ILE:H	18	0.6
(18,239)	1:112:A:GLN:HG3	1:114:A:ILE:H	18	0.6
(18,211)	1:101:A:ILE:H	1:104:A:PHE:HB2	3	0.6
(18,124)	1:78:A:HIS:HA	1:80:A:TYR:H	5	0.6
(18,73)	1:13:A:ALA:HB1	1:81:A:GLU:H	5	0.6
(18,73)	1:13:A:ALA:HB2	1:81:A:GLU:H	5	0.6
(18,73)	1:13:A:ALA:HB3	1:81:A:GLU:H	5	0.6
(18,7)	1:64:A:LYS:H	1:116:A:GLN:HE22	9	0.6
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	4	0.6
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	4	0.6
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	4	0.6
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	4	0.6
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	4	0.6
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	4	0.6
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	4	0.6
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	4	0.6
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	4	0.6
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	4	0.6
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	4	0.6
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	4	0.6
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	4	0.6
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	4	0.6
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	4	0.6
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	4	0.6
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	4	0.6
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	4	0.6
(17,2177)	1:46:A:ASN:HD21	1:137:A:SER:HB2	4	0.6
(17,2177)	1:46:A:ASN:HD21	1:137:A:SER:HB3	4	0.6
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	6	0.6
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	6	0.6
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	6	0.6
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	6	0.6
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	6	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	6	0.6
(17,2163)	1:43:A:MET:HB3	1:134:A:VAL:HG11	13	0.6
(17,2163)	1:43:A:MET:HB3	1:134:A:VAL:HG12	13	0.6
(17,2163)	1:43:A:MET:HB3	1:134:A:VAL:HG13	13	0.6
(17,2163)	1:43:A:MET:HB3	1:134:A:VAL:HG21	13	0.6
(17,2163)	1:43:A:MET:HB3	1:134:A:VAL:HG22	13	0.6
(17,2163)	1:43:A:MET:HB3	1:134:A:VAL:HG23	13	0.6
(17,1918)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	11	0.6
(17,1918)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	11	0.6
(17,1918)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	11	0.6
(17,1918)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	11	0.6
(17,1872)	1:9:A:PHE:HZ	1:11:A:ILE:HA	5	0.6
(17,1841)	1:9:A:PHE:HZ	1:57:A:LEU:HA	14	0.6
(17,1754)	1:31:A:PRO:HB2	1:35:A:LEU:HA	16	0.6
(17,1754)	1:31:A:PRO:HB3	1:35:A:LEU:HA	16	0.6
(17,1741)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	2	0.6
(17,1741)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	2	0.6
(17,1741)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	2	0.6
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	3	0.6
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	3	0.6
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	3	0.6
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	3	0.6
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	3	0.6
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	3	0.6
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	3	0.6
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	3	0.6
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	3	0.6
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	1	0.6
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	1	0.6
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	1	0.6
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	1	0.6
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	1	0.6
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	1	0.6
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	1	0.6
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	1	0.6
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	1	0.6
(17,1356)	1:17:A:ASN:HA	1:76:A:ARG:HA	3	0.6
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD21	2	0.6
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD22	2	0.6
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD23	2	0.6
(17,1141)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	14	0.6
(17,1141)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	14	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1141)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	14	0.6
(17,1141)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	14	0.6
(17,1141)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	14	0.6
(17,1141)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	14	0.6
(17,1045)	1:11:A:ILE:HB	1:44:A:GLU:HB2	9	0.6
(17,1045)	1:11:A:ILE:HB	1:44:A:GLU:HB3	9	0.6
(17,939)	1:107:A:LEU:HB2	1:112:A:GLN:HG2	10	0.6
(17,939)	1:107:A:LEU:HB2	1:112:A:GLN:HG3	10	0.6
(17,939)	1:107:A:LEU:HB3	1:112:A:GLN:HG2	10	0.6
(17,939)	1:107:A:LEU:HB3	1:112:A:GLN:HG3	10	0.6
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	4	0.6
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	4	0.6
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	4	0.6
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	4	0.6
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	4	0.6
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	4	0.6
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	4	0.6
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	4	0.6
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	4	0.6
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	10	0.6
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	10	0.6
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	10	0.6
(17,599)	1:55:A:GLY:H	1:122:A:ASP:HB3	16	0.6
(17,577)	1:126:A:GLY:H	1:128:A:LEU:HG	11	0.6
(17,114)	1:80:A:TYR:H	1:81:A:GLU:HG2	4	0.6
(17,114)	1:80:A:TYR:H	1:81:A:GLU:HG3	4	0.6
(17,7)	1:64:A:LYS:H	1:116:A:GLN:HE22	9	0.6
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	8	0.6
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	8	0.6
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	8	0.6
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	8	0.6
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	8	0.6
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	8	0.6
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	8	0.6
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	8	0.6
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	8	0.6
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	8	0.6
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	8	0.6
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	8	0.6
(16,2353)	1:113:A:PHE:HD1	1:116:A:GLN:HG2	15	0.6
(16,2353)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	15	0.6
(16,2353)	1:113:A:PHE:HD2	1:116:A:GLN:HG2	15	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2353)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	15	0.6
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	6	0.6
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	6	0.6
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	6	0.6
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	6	0.6
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	6	0.6
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	6	0.6
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	11	0.6
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	11	0.6
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	11	0.6
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	11	0.6
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	11	0.6
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	11	0.6
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	11	0.6
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	11	0.6
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	11	0.6
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	11	0.6
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	11	0.6
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	11	0.6
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD11	4	0.6
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD12	4	0.6
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD13	4	0.6
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD21	4	0.6
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD22	4	0.6
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD23	4	0.6
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD11	4	0.6
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD12	4	0.6
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD13	4	0.6
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD21	4	0.6
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD22	4	0.6
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD23	4	0.6
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD11	14	0.6
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD12	14	0.6
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD13	14	0.6
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD21	14	0.6
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD22	14	0.6
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD23	14	0.6
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD11	14	0.6
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD12	14	0.6
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD13	14	0.6
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD21	14	0.6
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD22	14	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD23	14	0.6
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD11	12	0.6
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD12	12	0.6
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD13	12	0.6
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD21	12	0.6
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD22	12	0.6
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD23	12	0.6
(16,1900)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	6	0.6
(16,1900)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	6	0.6
(16,1888)	1:150:A:THR:H	1:151:A:PHE:HD1	15	0.6
(16,1888)	1:150:A:THR:H	1:151:A:PHE:HD2	15	0.6
(16,1887)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	11	0.6
(16,1887)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	11	0.6
(16,1887)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	11	0.6
(16,1887)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	11	0.6
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	6	0.6
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	6	0.6
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	6	0.6
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	6	0.6
(16,1788)	1:9:A:PHE:HD1	1:11:A:ILE:HB	10	0.6
(16,1788)	1:9:A:PHE:HD2	1:11:A:ILE:HB	10	0.6
(16,1711)	1:14:A:VAL:H	1:79:A:THR:HG21	13	0.6
(16,1711)	1:14:A:VAL:H	1:79:A:THR:HG22	13	0.6
(16,1711)	1:14:A:VAL:H	1:79:A:THR:HG23	13	0.6
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB2	6	0.6
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB3	6	0.6
(16,1638)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	7	0.6
(16,1638)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	7	0.6
(16,1638)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	7	0.6
(16,1638)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	7	0.6
(16,1638)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	7	0.6
(16,1638)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	7	0.6
(16,1638)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	7	0.6
(16,1638)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	7	0.6
(16,1638)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	7	0.6
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD21	2	0.6
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD22	2	0.6
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD23	2	0.6
(16,1536)	1:76:A:ARG:HE	1:110:A:MET:HE1	18	0.6
(16,1536)	1:76:A:ARG:HE	1:110:A:MET:HE2	18	0.6
(16,1536)	1:76:A:ARG:HE	1:110:A:MET:HE3	18	0.6
(16,1261)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	10	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1261)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	10	0.6
(16,1261)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	10	0.6
(16,1261)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	10	0.6
(16,1261)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	10	0.6
(16,1261)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	10	0.6
(16,1261)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	10	0.6
(16,1261)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	10	0.6
(16,1261)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	10	0.6
(16,1136)	1:40:A:LEU:HA	1:43:A:MET:HG3	2	0.6
(16,1008)	1:105:A:LYS:HD2	1:107:A:LEU:H	15	0.6
(16,1008)	1:105:A:LYS:HD3	1:107:A:LEU:H	15	0.6
(16,946)	1:107:A:LEU:HB2	1:112:A:GLN:HG2	10	0.6
(16,946)	1:107:A:LEU:HB2	1:112:A:GLN:HG3	10	0.6
(16,946)	1:107:A:LEU:HB3	1:112:A:GLN:HG2	10	0.6
(16,946)	1:107:A:LEU:HB3	1:112:A:GLN:HG3	10	0.6
(16,886)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	2	0.6
(16,886)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	2	0.6
(16,886)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	2	0.6
(16,736)	1:50:A:ALA:H	1:130:A:GLY:HA3	19	0.6
(16,658)	1:79:A:THR:H	1:80:A:TYR:HD1	2	0.6
(16,658)	1:79:A:THR:H	1:80:A:TYR:HD2	2	0.6
(16,355)	1:73:A:ILE:HD11	1:111:A:GLU:H	4	0.6
(16,355)	1:73:A:ILE:HD12	1:111:A:GLU:H	4	0.6
(16,355)	1:73:A:ILE:HD13	1:111:A:GLU:H	4	0.6
(16,221)	1:108:A:GLU:H	1:111:A:GLU:HG3	12	0.6
(16,90)	1:96:A:VAL:H	1:97:A:ASP:H	3	0.6
(16,8)	1:64:A:LYS:H	1:116:A:GLN:HE22	9	0.6
(15,2498)	1:145:A:PRO:HD2	1:147:A:ARG:H	11	0.6
(15,2498)	1:145:A:PRO:HD3	1:147:A:ARG:H	11	0.6
(15,2226)	1:69:A:MET:H	1:70:A:LYS:HG2	6	0.6
(15,2226)	1:69:A:MET:H	1:70:A:LYS:HG3	6	0.6
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	13	0.6
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	13	0.6
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	13	0.6
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	13	0.6
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	13	0.6
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	13	0.6
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	13	0.6
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	13	0.6
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	13	0.6
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	13	0.6
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	13	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	13	0.6
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	13	0.6
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	13	0.6
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	13	0.6
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	13	0.6
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	13	0.6
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	13	0.6
(15,2135)	1:46:A:ASN:HD21	1:137:A:SER:HB2	4	0.6
(15,2135)	1:46:A:ASN:HD21	1:137:A:SER:HB3	4	0.6
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	6	0.6
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	6	0.6
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	6	0.6
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	6	0.6
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	6	0.6
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	6	0.6
(15,1988)	1:17:A:ASN:HB2	1:76:A:ARG:HA	13	0.6
(15,1988)	1:17:A:ASN:HB3	1:76:A:ARG:HA	13	0.6
(15,1966)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	9	0.6
(15,1966)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	9	0.6
(15,1966)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	9	0.6
(15,1966)	1:14:A:VAL:HG11	1:60:A:LEU:HD21	9	0.6
(15,1966)	1:14:A:VAL:HG11	1:60:A:LEU:HD22	9	0.6
(15,1966)	1:14:A:VAL:HG11	1:60:A:LEU:HD23	9	0.6
(15,1966)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	9	0.6
(15,1966)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	9	0.6
(15,1966)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	9	0.6
(15,1966)	1:14:A:VAL:HG12	1:60:A:LEU:HD21	9	0.6
(15,1966)	1:14:A:VAL:HG12	1:60:A:LEU:HD22	9	0.6
(15,1966)	1:14:A:VAL:HG12	1:60:A:LEU:HD23	9	0.6
(15,1966)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	9	0.6
(15,1966)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	9	0.6
(15,1966)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	9	0.6
(15,1966)	1:14:A:VAL:HG13	1:60:A:LEU:HD21	9	0.6
(15,1966)	1:14:A:VAL:HG13	1:60:A:LEU:HD22	9	0.6
(15,1966)	1:14:A:VAL:HG13	1:60:A:LEU:HD23	9	0.6
(15,1966)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	9	0.6
(15,1966)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	9	0.6
(15,1966)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	9	0.6
(15,1966)	1:14:A:VAL:HG21	1:60:A:LEU:HD21	9	0.6
(15,1966)	1:14:A:VAL:HG21	1:60:A:LEU:HD22	9	0.6
(15,1966)	1:14:A:VAL:HG21	1:60:A:LEU:HD23	9	0.6
(15,1966)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	9	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1966)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	9	0.6
(15,1966)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	9	0.6
(15,1966)	1:14:A:VAL:HG22	1:60:A:LEU:HD21	9	0.6
(15,1966)	1:14:A:VAL:HG22	1:60:A:LEU:HD22	9	0.6
(15,1966)	1:14:A:VAL:HG22	1:60:A:LEU:HD23	9	0.6
(15,1966)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	9	0.6
(15,1966)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	9	0.6
(15,1966)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	9	0.6
(15,1966)	1:14:A:VAL:HG23	1:60:A:LEU:HD21	9	0.6
(15,1966)	1:14:A:VAL:HG23	1:60:A:LEU:HD22	9	0.6
(15,1966)	1:14:A:VAL:HG23	1:60:A:LEU:HD23	9	0.6
(15,1887)	1:35:A:LEU:HG	1:80:A:TYR:HE1	10	0.6
(15,1887)	1:35:A:LEU:HG	1:80:A:TYR:HE2	10	0.6
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	7	0.6
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	7	0.6
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	7	0.6
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	15	0.6
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	15	0.6
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	15	0.6
(15,1774)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	19	0.6
(15,1774)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	19	0.6
(15,1755)	1:63:A:ILE:HG21	1:116:A:GLN:HG3	11	0.6
(15,1755)	1:63:A:ILE:HG22	1:116:A:GLN:HG3	11	0.6
(15,1755)	1:63:A:ILE:HG23	1:116:A:GLN:HG3	11	0.6
(15,929)	1:107:A:LEU:HB2	1:112:A:GLN:HG2	10	0.6
(15,929)	1:107:A:LEU:HB2	1:112:A:GLN:HG3	10	0.6
(15,929)	1:107:A:LEU:HB3	1:112:A:GLN:HG2	10	0.6
(15,929)	1:107:A:LEU:HB3	1:112:A:GLN:HG3	10	0.6
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	11	0.6
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	11	0.6
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	11	0.6
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	11	0.6
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	11	0.6
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	11	0.6
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	11	0.6
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	11	0.6
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	11	0.6
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	3	0.6
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	3	0.6
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	3	0.6
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	3	0.6
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	3	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	3	0.6
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	3	0.6
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	3	0.6
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	3	0.6
(15,821)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	3	0.6
(15,821)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	3	0.6
(15,821)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	3	0.6
(15,788)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	13	0.6
(15,788)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	13	0.6
(15,788)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	13	0.6
(15,788)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	13	0.6
(15,788)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	13	0.6
(15,788)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	13	0.6
(15,763)	1:37:A:LEU:H	1:40:A:LEU:HB2	14	0.6
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD21	13	0.6
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD22	13	0.6
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD23	13	0.6
(15,377)	1:40:A:LEU:HB2	1:41:A:LYS:H	2	0.6
(15,72)	1:13:A:ALA:HB1	1:81:A:GLU:H	5	0.6
(15,72)	1:13:A:ALA:HB2	1:81:A:GLU:H	5	0.6
(15,72)	1:13:A:ALA:HB3	1:81:A:GLU:H	5	0.6
(15,66)	1:80:A:TYR:HA	1:81:A:GLU:H	3	0.6
(13,2398)	1:131:A:LEU:H	1:134:A:VAL:HG11	11	0.6
(13,2398)	1:131:A:LEU:H	1:134:A:VAL:HG12	11	0.6
(13,2398)	1:131:A:LEU:H	1:134:A:VAL:HG13	11	0.6
(13,2398)	1:131:A:LEU:H	1:134:A:VAL:HG21	11	0.6
(13,2398)	1:131:A:LEU:H	1:134:A:VAL:HG22	11	0.6
(13,2398)	1:131:A:LEU:H	1:134:A:VAL:HG23	11	0.6
(13,2283)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	17	0.6
(13,2283)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	17	0.6
(13,2283)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	17	0.6
(13,2283)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	17	0.6
(13,2283)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	17	0.6
(13,2283)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	17	0.6
(13,2213)	1:69:A:MET:H	1:70:A:LYS:HG2	6	0.6
(13,2213)	1:69:A:MET:H	1:70:A:LYS:HG3	6	0.6
(13,1938)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	19	0.6
(13,1938)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	19	0.6
(13,1938)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	19	0.6
(13,1938)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	19	0.6
(13,1938)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	19	0.6
(13,1938)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	19	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1938)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	19	0.6
(13,1938)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	19	0.6
(13,1938)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	19	0.6
(13,1938)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	19	0.6
(13,1938)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	19	0.6
(13,1938)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	19	0.6
(13,1937)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	12	0.6
(13,1937)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	12	0.6
(13,1937)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	12	0.6
(13,1937)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	12	0.6
(13,1937)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	12	0.6
(13,1937)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	12	0.6
(13,1929)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	19	0.6
(13,1929)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	19	0.6
(13,1929)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	19	0.6
(13,1929)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	19	0.6
(13,1929)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	19	0.6
(13,1929)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	19	0.6
(13,1929)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	19	0.6
(13,1929)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	19	0.6
(13,1929)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	19	0.6
(13,1929)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	19	0.6
(13,1929)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	19	0.6
(13,1929)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	19	0.6
(13,1929)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	19	0.6
(13,1929)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	19	0.6
(13,1929)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	19	0.6
(13,1929)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	19	0.6
(13,1929)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	19	0.6
(13,1929)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	19	0.6
(13,1875)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	6	0.6
(13,1762)	1:9:A:PHE:HD1	1:11:A:ILE:HB	10	0.6
(13,1762)	1:9:A:PHE:HD2	1:11:A:ILE:HB	10	0.6
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	9	0.6
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	9	0.6
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	9	0.6
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	9	0.6
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	9	0.6
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	9	0.6
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	9	0.6
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	9	0.6
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	9	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD21	2	0.6
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD22	2	0.6
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD23	2	0.6
(13,1022)	1:11:A:ILE:HB	1:44:A:GLU:HB2	9	0.6
(13,1022)	1:11:A:ILE:HB	1:44:A:GLU:HB3	9	0.6
(13,913)	1:107:A:LEU:HB2	1:112:A:GLN:HG2	10	0.6
(13,913)	1:107:A:LEU:HB2	1:112:A:GLN:HG3	10	0.6
(13,913)	1:107:A:LEU:HB3	1:112:A:GLN:HG2	10	0.6
(13,913)	1:107:A:LEU:HB3	1:112:A:GLN:HG3	10	0.6
(13,859)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	2	0.6
(13,859)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	2	0.6
(13,859)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	2	0.6
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD11	5	0.6
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD12	5	0.6
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD13	5	0.6
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD11	5	0.6
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD12	5	0.6
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD13	5	0.6
(13,483)	1:98:A:ILE:H	1:105:A:LYS:H	16	0.6
(13,310)	1:43:A:MET:H	1:140:A:LEU:HD11	19	0.6
(13,310)	1:43:A:MET:H	1:140:A:LEU:HD12	19	0.6
(13,310)	1:43:A:MET:H	1:140:A:LEU:HD13	19	0.6
(13,113)	1:80:A:TYR:H	1:81:A:GLU:HG2	4	0.6
(13,113)	1:80:A:TYR:H	1:81:A:GLU:HG3	4	0.6
(13,66)	1:13:A:ALA:HB1	1:81:A:GLU:H	5	0.6
(13,66)	1:13:A:ALA:HB2	1:81:A:GLU:H	5	0.6
(13,66)	1:13:A:ALA:HB3	1:81:A:GLU:H	5	0.6
(11,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	1	0.6
(11,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	1	0.6
(11,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	1	0.6
(11,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	1	0.6
(11,2211)	1:57:A:LEU:HD11	1:60:A:LEU:HG	3	0.6
(11,2211)	1:57:A:LEU:HD12	1:60:A:LEU:HG	3	0.6
(11,2211)	1:57:A:LEU:HD13	1:60:A:LEU:HG	3	0.6
(11,2211)	1:57:A:LEU:HD21	1:60:A:LEU:HG	3	0.6
(11,2211)	1:57:A:LEU:HD22	1:60:A:LEU:HG	3	0.6
(11,2211)	1:57:A:LEU:HD23	1:60:A:LEU:HG	3	0.6
(11,2182)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	9	0.6
(11,2182)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	9	0.6
(11,2182)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	9	0.6
(11,2182)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	9	0.6
(11,2182)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	9	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2182)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	9	0.6
(11,2182)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	9	0.6
(11,2182)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	9	0.6
(11,2182)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	9	0.6
(11,2182)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	9	0.6
(11,2182)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	9	0.6
(11,2182)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	9	0.6
(11,2094)	1:35:A:LEU:HD11	1:143:A:TRP:HA	15	0.6
(11,2094)	1:35:A:LEU:HD12	1:143:A:TRP:HA	15	0.6
(11,2094)	1:35:A:LEU:HD13	1:143:A:TRP:HA	15	0.6
(11,2094)	1:35:A:LEU:HD21	1:143:A:TRP:HA	15	0.6
(11,2094)	1:35:A:LEU:HD22	1:143:A:TRP:HA	15	0.6
(11,2094)	1:35:A:LEU:HD23	1:143:A:TRP:HA	15	0.6
(11,1920)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	11	0.6
(11,1920)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	11	0.6
(11,1920)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	11	0.6
(11,1920)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	11	0.6
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	6	0.6
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	6	0.6
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	6	0.6
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	6	0.6
(11,1818)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	19	0.6
(11,1818)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	19	0.6
(11,1755)	1:14:A:VAL:H	1:79:A:THR:HG21	13	0.6
(11,1755)	1:14:A:VAL:H	1:79:A:THR:HG22	13	0.6
(11,1755)	1:14:A:VAL:H	1:79:A:THR:HG23	13	0.6
(11,1558)	1:76:A:ARG:HE	1:110:A:MET:HE1	18	0.6
(11,1558)	1:76:A:ARG:HE	1:110:A:MET:HE2	18	0.6
(11,1558)	1:76:A:ARG:HE	1:110:A:MET:HE3	18	0.6
(11,1304)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	5	0.6
(11,1304)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	5	0.6
(11,1304)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	5	0.6
(11,1041)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	3	0.6
(11,937)	1:107:A:LEU:HB2	1:112:A:GLN:HG2	10	0.6
(11,937)	1:107:A:LEU:HB2	1:112:A:GLN:HG3	10	0.6
(11,937)	1:107:A:LEU:HB3	1:112:A:GLN:HG2	10	0.6
(11,937)	1:107:A:LEU:HB3	1:112:A:GLN:HG3	10	0.6
(11,889)	1:113:A:PHE:HB2	1:114:A:ILE:HD11	6	0.6
(11,889)	1:113:A:PHE:HB2	1:114:A:ILE:HD12	6	0.6
(11,889)	1:113:A:PHE:HB2	1:114:A:ILE:HD13	6	0.6
(11,780)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	13	0.6
(11,780)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	13	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,780)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	13	0.6
(11,780)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	13	0.6
(11,780)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	13	0.6
(11,780)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	13	0.6
(11,654)	1:79:A:THR:H	1:80:A:TYR:HD1	2	0.6
(11,654)	1:79:A:THR:H	1:80:A:TYR:HD2	2	0.6
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	10	0.6
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	10	0.6
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	10	0.6
(11,115)	1:80:A:TYR:H	1:81:A:GLU:HG2	4	0.6
(11,115)	1:80:A:TYR:H	1:81:A:GLU:HG3	4	0.6
(11,67)	1:80:A:TYR:HA	1:81:A:GLU:H	3	0.6
(11,55)	1:98:A:ILE:H	1:101:A:ILE:HG21	3	0.6
(11,55)	1:98:A:ILE:H	1:101:A:ILE:HG22	3	0.6
(11,55)	1:98:A:ILE:H	1:101:A:ILE:HG23	3	0.6
(11,43)	1:43:A:MET:HA	1:47:A:ALA:H	6	0.6
(9,2326)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	15	0.6
(9,2326)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	15	0.6
(9,2326)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	15	0.6
(9,2326)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	15	0.6
(9,2326)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	15	0.6
(9,2326)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	15	0.6
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG11	16	0.6
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG12	16	0.6
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG13	16	0.6
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG21	16	0.6
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG22	16	0.6
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG23	16	0.6
(9,2042)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	4	0.6
(9,2042)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	4	0.6
(9,2042)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	4	0.6
(9,2042)	1:31:A:PRO:HD2	1:144:A:LEU:HD21	4	0.6
(9,2042)	1:31:A:PRO:HD2	1:144:A:LEU:HD22	4	0.6
(9,2042)	1:31:A:PRO:HD2	1:144:A:LEU:HD23	4	0.6
(9,2042)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	4	0.6
(9,2042)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	4	0.6
(9,2042)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	4	0.6
(9,2042)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	4	0.6
(9,2042)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	4	0.6
(9,2042)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	4	0.6
(9,2008)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	12	0.6
(9,2008)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	12	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2008)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	12	0.6
(9,2008)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	12	0.6
(9,2008)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	12	0.6
(9,2008)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	12	0.6
(9,2008)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	12	0.6
(9,2008)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	12	0.6
(9,2008)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	12	0.6
(9,2008)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	12	0.6
(9,2008)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	12	0.6
(9,2008)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	12	0.6
(9,1982)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	8	0.6
(9,1982)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	8	0.6
(9,1982)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	8	0.6
(9,1982)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	8	0.6
(9,1982)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	8	0.6
(9,1982)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	8	0.6
(9,1982)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	8	0.6
(9,1982)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	8	0.6
(9,1982)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	8	0.6
(9,1982)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	8	0.6
(9,1982)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	8	0.6
(9,1982)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	8	0.6
(9,1982)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	8	0.6
(9,1982)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	8	0.6
(9,1982)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	8	0.6
(9,1982)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	8	0.6
(9,1982)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	8	0.6
(9,1982)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	8	0.6
(9,1913)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	6	0.6
(9,1911)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	13	0.6
(9,1899)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	11	0.6
(9,1899)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	11	0.6
(9,1899)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	11	0.6
(9,1899)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	11	0.6
(9,1847)	1:9:A:PHE:HZ	1:11:A:ILE:HA	5	0.6
(9,1719)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	2	0.6
(9,1719)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	2	0.6
(9,1719)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	2	0.6
(9,1717)	1:19:A:ALA:HB1	1:21:A:THR:HG21	18	0.6
(9,1717)	1:19:A:ALA:HB1	1:21:A:THR:HG22	18	0.6
(9,1717)	1:19:A:ALA:HB1	1:21:A:THR:HG23	18	0.6
(9,1717)	1:19:A:ALA:HB2	1:21:A:THR:HG21	18	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1717)	1:19:A:ALA:HB2	1:21:A:THR:HG22	18	0.6
(9,1717)	1:19:A:ALA:HB2	1:21:A:THR:HG23	18	0.6
(9,1717)	1:19:A:ALA:HB3	1:21:A:THR:HG21	18	0.6
(9,1717)	1:19:A:ALA:HB3	1:21:A:THR:HG22	18	0.6
(9,1717)	1:19:A:ALA:HB3	1:21:A:THR:HG23	18	0.6
(9,1534)	1:76:A:ARG:HE	1:110:A:MET:HE1	18	0.6
(9,1534)	1:76:A:ARG:HE	1:110:A:MET:HE2	18	0.6
(9,1534)	1:76:A:ARG:HE	1:110:A:MET:HE3	18	0.6
(9,1470)	1:95:A:ILE:HG21	1:97:A:ASP:H	10	0.6
(9,1470)	1:95:A:ILE:HG22	1:97:A:ASP:H	10	0.6
(9,1470)	1:95:A:ILE:HG23	1:97:A:ASP:H	10	0.6
(9,1232)	1:136:A:CYS:HA	1:140:A:LEU:HD11	3	0.6
(9,1232)	1:136:A:CYS:HA	1:140:A:LEU:HD12	3	0.6
(9,1232)	1:136:A:CYS:HA	1:140:A:LEU:HD13	3	0.6
(9,1066)	1:54:A:ARG:HA	1:58:A:ILE:HG13	18	0.6
(9,1026)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	3	0.6
(9,942)	1:69:A:MET:HG2	1:109:A:PRO:HA	12	0.6
(9,932)	1:107:A:LEU:HB2	1:112:A:GLN:HG2	10	0.6
(9,932)	1:107:A:LEU:HB2	1:112:A:GLN:HG3	10	0.6
(9,932)	1:107:A:LEU:HB3	1:112:A:GLN:HG2	10	0.6
(9,932)	1:107:A:LEU:HB3	1:112:A:GLN:HG3	10	0.6
(9,921)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	8	0.6
(9,921)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	8	0.6
(9,921)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	8	0.6
(9,921)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	8	0.6
(9,914)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	7	0.6
(9,884)	1:113:A:PHE:HB2	1:114:A:ILE:HD11	6	0.6
(9,884)	1:113:A:PHE:HB2	1:114:A:ILE:HD12	6	0.6
(9,884)	1:113:A:PHE:HB2	1:114:A:ILE:HD13	6	0.6
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	10	0.6
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	10	0.6
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	10	0.6
(9,150)	1:131:A:LEU:H	1:131:A:LEU:HG	13	0.6
(9,69)	1:13:A:ALA:HB1	1:81:A:GLU:H	5	0.6
(9,69)	1:13:A:ALA:HB2	1:81:A:GLU:H	5	0.6
(9,69)	1:13:A:ALA:HB3	1:81:A:GLU:H	5	0.6
(7,2423)	1:134:A:VAL:HG11	1:137:A:SER:H	3	0.6
(7,2423)	1:134:A:VAL:HG12	1:137:A:SER:H	3	0.6
(7,2423)	1:134:A:VAL:HG13	1:137:A:SER:H	3	0.6
(7,2423)	1:134:A:VAL:HG21	1:137:A:SER:H	3	0.6
(7,2423)	1:134:A:VAL:HG22	1:137:A:SER:H	3	0.6
(7,2423)	1:134:A:VAL:HG23	1:137:A:SER:H	3	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD11	8	0.6
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD12	8	0.6
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD13	8	0.6
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD21	8	0.6
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD22	8	0.6
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD23	8	0.6
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD11	8	0.6
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD12	8	0.6
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD13	8	0.6
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD21	8	0.6
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD22	8	0.6
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD23	8	0.6
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD11	8	0.6
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD12	8	0.6
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD13	8	0.6
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD21	8	0.6
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD22	8	0.6
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD23	8	0.6
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD11	8	0.6
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD12	8	0.6
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD13	8	0.6
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD21	8	0.6
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD22	8	0.6
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD23	8	0.6
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD11	8	0.6
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD12	8	0.6
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD13	8	0.6
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD21	8	0.6
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD22	8	0.6
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD23	8	0.6
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD11	8	0.6
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD12	8	0.6
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD13	8	0.6
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD21	8	0.6
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD22	8	0.6
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD23	8	0.6
(7,2316)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	6	0.6
(7,2316)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	6	0.6
(7,2316)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	6	0.6
(7,2316)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	6	0.6
(7,2316)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	6	0.6
(7,2316)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	6	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2316)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	6	0.6
(7,2316)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	6	0.6
(7,2316)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	6	0.6
(7,2316)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	6	0.6
(7,2316)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	6	0.6
(7,2316)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	6	0.6
(7,2287)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	17	0.6
(7,2287)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	17	0.6
(7,2287)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	17	0.6
(7,2287)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	17	0.6
(7,2287)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	17	0.6
(7,2287)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	17	0.6
(7,1945)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	7	0.6
(7,1945)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	7	0.6
(7,1945)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	7	0.6
(7,1945)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	7	0.6
(7,1945)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	7	0.6
(7,1945)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	7	0.6
(7,1879)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	6	0.6
(7,1826)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	19	0.6
(7,1792)	1:9:A:PHE:HZ	1:57:A:LEU:HA	14	0.6
(7,1765)	1:9:A:PHE:HD1	1:11:A:ILE:HB	10	0.6
(7,1765)	1:9:A:PHE:HD2	1:11:A:ILE:HB	10	0.6
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	2	0.6
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	2	0.6
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	2	0.6
(7,1248)	1:15:A:ALA:HA	1:131:A:LEU:HB2	7	0.6
(7,960)	1:15:A:ALA:HB1	1:134:A:VAL:HB	8	0.6
(7,960)	1:15:A:ALA:HB2	1:134:A:VAL:HB	8	0.6
(7,960)	1:15:A:ALA:HB3	1:134:A:VAL:HB	8	0.6
(7,921)	1:107:A:LEU:HB2	1:112:A:GLN:HG2	10	0.6
(7,921)	1:107:A:LEU:HB2	1:112:A:GLN:HG3	10	0.6
(7,921)	1:107:A:LEU:HB3	1:112:A:GLN:HG2	10	0.6
(7,921)	1:107:A:LEU:HB3	1:112:A:GLN:HG3	10	0.6
(7,865)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	2	0.6
(7,865)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	2	0.6
(7,865)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	2	0.6
(7,584)	1:126:A:GLY:H	1:128:A:LEU:HB2	16	0.6
(7,372)	1:41:A:LYS:H	1:44:A:GLU:HB2	6	0.6
(7,372)	1:41:A:LYS:H	1:44:A:GLU:HB3	6	0.6
(7,311)	1:43:A:MET:H	1:140:A:LEU:HD11	19	0.6
(7,311)	1:43:A:MET:H	1:140:A:LEU:HD12	19	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,311)	1:43:A:MET:H	1:140:A:LEU:HD13	19	0.6
(7,92)	1:95:A:ILE:HG21	1:97:A:ASP:H	3	0.6
(7,92)	1:95:A:ILE:HG22	1:97:A:ASP:H	3	0.6
(7,92)	1:95:A:ILE:HG23	1:97:A:ASP:H	3	0.6
(6,2431)	1:134:A:VAL:HG11	1:137:A:SER:H	14	0.6
(6,2431)	1:134:A:VAL:HG12	1:137:A:SER:H	14	0.6
(6,2431)	1:134:A:VAL:HG13	1:137:A:SER:H	14	0.6
(6,2431)	1:134:A:VAL:HG21	1:137:A:SER:H	14	0.6
(6,2431)	1:134:A:VAL:HG22	1:137:A:SER:H	14	0.6
(6,2431)	1:134:A:VAL:HG23	1:137:A:SER:H	14	0.6
(6,2430)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	13	0.6
(6,2430)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	13	0.6
(6,2430)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	13	0.6
(6,2430)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	13	0.6
(6,2430)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	13	0.6
(6,2430)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	13	0.6
(6,2430)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	13	0.6
(6,2430)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	13	0.6
(6,2430)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	13	0.6
(6,2430)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	13	0.6
(6,2430)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	13	0.6
(6,2430)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	13	0.6
(6,2398)	1:125:A:THR:HB	1:129:A:LYS:HG2	9	0.6
(6,2398)	1:125:A:THR:HB	1:129:A:LYS:HG3	9	0.6
(6,2202)	1:57:A:LEU:HD11	1:60:A:LEU:HG	3	0.6
(6,2202)	1:57:A:LEU:HD12	1:60:A:LEU:HG	3	0.6
(6,2202)	1:57:A:LEU:HD13	1:60:A:LEU:HG	3	0.6
(6,2202)	1:57:A:LEU:HD21	1:60:A:LEU:HG	3	0.6
(6,2202)	1:57:A:LEU:HD22	1:60:A:LEU:HG	3	0.6
(6,2202)	1:57:A:LEU:HD23	1:60:A:LEU:HG	3	0.6
(6,1980)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	16	0.6
(6,1980)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	16	0.6
(6,1980)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	16	0.6
(6,1980)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	16	0.6
(6,1980)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	16	0.6
(6,1980)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	16	0.6
(6,1980)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	16	0.6
(6,1980)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	16	0.6
(6,1980)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	16	0.6
(6,1980)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	16	0.6
(6,1980)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	16	0.6
(6,1980)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	16	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1860)	1:9:A:PHE:HZ	1:11:A:ILE:HA	5	0.6
(6,1830)	1:9:A:PHE:HZ	1:57:A:LEU:HA	14	0.6
(6,1804)	1:9:A:PHE:HD1	1:11:A:ILE:HB	10	0.6
(6,1804)	1:9:A:PHE:HD2	1:11:A:ILE:HB	10	0.6
(6,1727)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	2	0.6
(6,1727)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	2	0.6
(6,1727)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	2	0.6
(6,1340)	1:17:A:ASN:HA	1:76:A:ARG:HA	3	0.6
(6,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD11	3	0.6
(6,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD12	3	0.6
(6,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD13	3	0.6
(6,1221)	1:143:A:TRP:H	1:144:A:LEU:HD11	5	0.6
(6,1221)	1:143:A:TRP:H	1:144:A:LEU:HD12	5	0.6
(6,1221)	1:143:A:TRP:H	1:144:A:LEU:HD13	5	0.6
(6,1053)	1:54:A:ARG:HA	1:58:A:ILE:HG13	18	0.6
(6,963)	1:15:A:ALA:HB1	1:134:A:VAL:HB	8	0.6
(6,963)	1:15:A:ALA:HB2	1:134:A:VAL:HB	8	0.6
(6,963)	1:15:A:ALA:HB3	1:134:A:VAL:HB	8	0.6
(6,924)	1:107:A:LEU:HB2	1:112:A:GLN:HG2	10	0.6
(6,924)	1:107:A:LEU:HB2	1:112:A:GLN:HG3	10	0.6
(6,924)	1:107:A:LEU:HB3	1:112:A:GLN:HG2	10	0.6
(6,924)	1:107:A:LEU:HB3	1:112:A:GLN:HG3	10	0.6
(6,880)	1:113:A:PHE:HB2	1:114:A:ILE:HD11	6	0.6
(6,880)	1:113:A:PHE:HB2	1:114:A:ILE:HD12	6	0.6
(6,880)	1:113:A:PHE:HB2	1:114:A:ILE:HD13	6	0.6
(6,866)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	2	0.6
(6,866)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	2	0.6
(6,866)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	2	0.6
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	4	0.6
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	4	0.6
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	4	0.6
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	4	0.6
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	4	0.6
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	4	0.6
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	4	0.6
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	4	0.6
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	4	0.6
(6,743)	1:43:A:MET:HE1	1:134:A:VAL:H	1	0.6
(6,743)	1:43:A:MET:HE2	1:134:A:VAL:H	1	0.6
(6,743)	1:43:A:MET:HE3	1:134:A:VAL:H	1	0.6
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD21	10	0.6
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD22	10	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD23	10	0.6
(6,609)	1:14:A:VAL:HB	1:16:A:SER:H	9	0.6
(6,371)	1:40:A:LEU:HB2	1:41:A:LYS:H	4	0.6
(6,371)	1:40:A:LEU:HB2	1:41:A:LYS:H	5	0.6
(6,370)	1:41:A:LYS:H	1:44:A:GLU:HB2	6	0.6
(6,370)	1:41:A:LYS:H	1:44:A:GLU:HB3	6	0.6
(6,233)	1:10:A:ASN:H	1:13:A:ALA:HB1	6	0.6
(6,233)	1:10:A:ASN:H	1:13:A:ALA:HB2	6	0.6
(6,233)	1:10:A:ASN:H	1:13:A:ALA:HB3	6	0.6
(6,38)	1:98:A:ILE:H	1:105:A:LYS:HA	11	0.6
(5,2250)	1:70:A:LYS:HG2	1:71:A:LYS:H	14	0.6
(5,2250)	1:70:A:LYS:HG3	1:71:A:LYS:H	14	0.6
(5,2250)	1:70:A:LYS:HG2	1:71:A:LYS:H	15	0.6
(5,2250)	1:70:A:LYS:HG3	1:71:A:LYS:H	15	0.6
(5,2240)	1:69:A:MET:H	1:70:A:LYS:HG2	6	0.6
(5,2240)	1:69:A:MET:H	1:70:A:LYS:HG3	6	0.6
(5,2116)	1:40:A:LEU:HA	1:43:A:MET:HG2	9	0.6
(5,2116)	1:40:A:LEU:HA	1:43:A:MET:HG3	9	0.6
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	6	0.6
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	6	0.6
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	6	0.6
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	6	0.6
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	6	0.6
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	6	0.6
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	6	0.6
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	6	0.6
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	6	0.6
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	6	0.6
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	6	0.6
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	6	0.6
(5,1933)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	8	0.6
(5,1933)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	8	0.6
(5,1933)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	8	0.6
(5,1933)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	8	0.6
(5,1933)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	8	0.6
(5,1933)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	8	0.6
(5,1873)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	12	0.6
(5,1873)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	12	0.6
(5,1873)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	12	0.6
(5,1873)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	12	0.6
(5,1749)	1:21:A:THR:HG21	1:24:A:ASP:HB2	16	0.6
(5,1749)	1:21:A:THR:HG21	1:24:A:ASP:HB3	16	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1749)	1:21:A:THR:HG22	1:24:A:ASP:HB2	16	0.6
(5,1749)	1:21:A:THR:HG22	1:24:A:ASP:HB3	16	0.6
(5,1749)	1:21:A:THR:HG23	1:24:A:ASP:HB2	16	0.6
(5,1749)	1:21:A:THR:HG23	1:24:A:ASP:HB3	16	0.6
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB2	6	0.6
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB3	6	0.6
(5,1623)	1:73:A:ILE:HG21	1:111:A:GLU:H	14	0.6
(5,1623)	1:73:A:ILE:HG22	1:111:A:GLU:H	14	0.6
(5,1623)	1:73:A:ILE:HG23	1:111:A:GLU:H	14	0.6
(5,1609)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	3	0.6
(5,1609)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	3	0.6
(5,1609)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	3	0.6
(5,1553)	1:76:A:ARG:HE	1:110:A:MET:HE1	18	0.6
(5,1553)	1:76:A:ARG:HE	1:110:A:MET:HE2	18	0.6
(5,1553)	1:76:A:ARG:HE	1:110:A:MET:HE3	18	0.6
(5,1419)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	15	0.6
(5,1419)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	15	0.6
(5,1419)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	15	0.6
(5,1417)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	2	0.6
(5,1417)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	2	0.6
(5,1417)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	2	0.6
(5,1417)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	11	0.6
(5,1417)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	11	0.6
(5,1417)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	11	0.6
(5,1238)	1:136:A:CYS:HA	1:140:A:LEU:HD11	3	0.6
(5,1238)	1:136:A:CYS:HA	1:140:A:LEU:HD12	3	0.6
(5,1238)	1:136:A:CYS:HA	1:140:A:LEU:HD13	3	0.6
(5,1031)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	7	0.6
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	12	0.6
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	12	0.6
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	12	0.6
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	12	0.6
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	12	0.6
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	12	0.6
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	12	0.6
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	12	0.6
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	12	0.6
(5,782)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	12	0.6
(5,782)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	12	0.6
(5,782)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	12	0.6
(5,781)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	13	0.6
(5,781)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	13	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,781)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	13	0.6
(5,781)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	13	0.6
(5,781)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	13	0.6
(5,781)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	13	0.6
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD21	6	0.6
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD22	6	0.6
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD23	6	0.6
(5,487)	1:105:A:LYS:H	1:105:A:LYS:HD2	6	0.6
(5,487)	1:105:A:LYS:H	1:105:A:LYS:HD3	6	0.6
(5,487)	1:105:A:LYS:H	1:105:A:LYS:HD2	9	0.6
(5,487)	1:105:A:LYS:H	1:105:A:LYS:HD3	9	0.6
(5,260)	1:14:A:VAL:HG11	1:15:A:ALA:H	3	0.6
(5,260)	1:14:A:VAL:HG12	1:15:A:ALA:H	3	0.6
(5,260)	1:14:A:VAL:HG13	1:15:A:ALA:H	3	0.6
(5,227)	1:10:A:ASN:H	1:13:A:ALA:HB1	6	0.6
(5,227)	1:10:A:ASN:H	1:13:A:ALA:HB2	6	0.6
(5,227)	1:10:A:ASN:H	1:13:A:ALA:HB3	6	0.6
(5,110)	1:80:A:TYR:H	1:81:A:GLU:HG2	4	0.6
(5,110)	1:80:A:TYR:H	1:81:A:GLU:HG3	4	0.6
(5,7)	1:64:A:LYS:H	1:116:A:GLN:HE22	9	0.6
(4,2428)	1:134:A:VAL:HG11	1:137:A:SER:H	3	0.6
(4,2428)	1:134:A:VAL:HG12	1:137:A:SER:H	3	0.6
(4,2428)	1:134:A:VAL:HG13	1:137:A:SER:H	3	0.6
(4,2428)	1:134:A:VAL:HG21	1:137:A:SER:H	3	0.6
(4,2428)	1:134:A:VAL:HG22	1:137:A:SER:H	3	0.6
(4,2428)	1:134:A:VAL:HG23	1:137:A:SER:H	3	0.6
(4,2126)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	15	0.6
(4,2126)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	15	0.6
(4,2126)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	15	0.6
(4,2126)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	15	0.6
(4,2126)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	15	0.6
(4,2126)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	15	0.6
(4,2126)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	15	0.6
(4,2126)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	15	0.6
(4,2126)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	15	0.6
(4,2126)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	15	0.6
(4,2126)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	15	0.6
(4,2126)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	15	0.6
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD11	10	0.6
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD12	10	0.6
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD13	10	0.6
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD21	10	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD22	10	0.6
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD23	10	0.6
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD11	10	0.6
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD12	10	0.6
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD13	10	0.6
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD21	10	0.6
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD22	10	0.6
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD23	10	0.6
(4,2006)	1:17:A:ASN:HB2	1:76:A:ARG:HA	13	0.6
(4,2006)	1:17:A:ASN:HB3	1:76:A:ARG:HA	13	0.6
(4,1877)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	11	0.6
(4,1877)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	11	0.6
(4,1877)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	11	0.6
(4,1877)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	11	0.6
(4,1854)	1:14:A:VAL:HA	1:18:A:PHE:HD1	17	0.6
(4,1854)	1:14:A:VAL:HA	1:18:A:PHE:HD2	17	0.6
(4,1833)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	19	0.6
(4,1831)	1:9:A:PHE:HZ	1:11:A:ILE:HA	5	0.6
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD11	4	0.6
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD12	4	0.6
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD13	4	0.6
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	13	0.6
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	13	0.6
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	13	0.6
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD21	2	0.6
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD22	2	0.6
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD23	2	0.6
(4,1243)	1:15:A:ALA:HA	1:131:A:LEU:HB2	7	0.6
(4,1222)	1:40:A:LEU:HD11	1:44:A:GLU:H	15	0.6
(4,1222)	1:40:A:LEU:HD12	1:44:A:GLU:H	15	0.6
(4,1222)	1:40:A:LEU:HD13	1:44:A:GLU:H	15	0.6
(4,1206)	1:143:A:TRP:H	1:144:A:LEU:HD11	5	0.6
(4,1206)	1:143:A:TRP:H	1:144:A:LEU:HD12	5	0.6
(4,1206)	1:143:A:TRP:H	1:144:A:LEU:HD13	5	0.6
(4,1200)	1:34:A:LYS:H	1:81:A:GLU:HA	18	0.6
(4,1093)	1:41:A:LYS:HA	1:44:A:GLU:HB2	7	0.6
(4,1093)	1:41:A:LYS:HA	1:44:A:GLU:HB3	7	0.6
(4,965)	1:15:A:ALA:HB1	1:134:A:VAL:HB	8	0.6
(4,965)	1:15:A:ALA:HB2	1:134:A:VAL:HB	8	0.6
(4,965)	1:15:A:ALA:HB3	1:134:A:VAL:HB	8	0.6
(4,933)	1:69:A:MET:HG2	1:109:A:PRO:HA	12	0.6
(4,927)	1:107:A:LEU:HB2	1:112:A:GLN:HG2	10	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,927)	1:107:A:LEU:HB2	1:112:A:GLN:HG3	10	0.6
(4,927)	1:107:A:LEU:HB3	1:112:A:GLN:HG2	10	0.6
(4,927)	1:107:A:LEU:HB3	1:112:A:GLN:HG3	10	0.6
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	7	0.6
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	7	0.6
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	7	0.6
(4,862)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	13	0.6
(4,862)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	13	0.6
(4,610)	1:23:A:LEU:HD21	1:25:A:ALA:H	6	0.6
(4,610)	1:23:A:LEU:HD22	1:25:A:ALA:H	6	0.6
(4,610)	1:23:A:LEU:HD23	1:25:A:ALA:H	6	0.6
(4,557)	1:63:A:ILE:HG21	1:116:A:GLN:H	11	0.6
(4,557)	1:63:A:ILE:HG22	1:116:A:GLN:H	11	0.6
(4,557)	1:63:A:ILE:HG23	1:116:A:GLN:H	11	0.6
(4,479)	1:98:A:ILE:H	1:105:A:LYS:H	16	0.6
(4,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	13	0.6
(3,2466)	1:134:A:VAL:HG11	1:137:A:SER:HB2	13	0.6
(3,2466)	1:134:A:VAL:HG11	1:137:A:SER:HB3	13	0.6
(3,2466)	1:134:A:VAL:HG12	1:137:A:SER:HB2	13	0.6
(3,2466)	1:134:A:VAL:HG12	1:137:A:SER:HB3	13	0.6
(3,2466)	1:134:A:VAL:HG13	1:137:A:SER:HB2	13	0.6
(3,2466)	1:134:A:VAL:HG13	1:137:A:SER:HB3	13	0.6
(3,2466)	1:134:A:VAL:HG21	1:137:A:SER:HB2	13	0.6
(3,2466)	1:134:A:VAL:HG21	1:137:A:SER:HB3	13	0.6
(3,2466)	1:134:A:VAL:HG22	1:137:A:SER:HB2	13	0.6
(3,2466)	1:134:A:VAL:HG22	1:137:A:SER:HB3	13	0.6
(3,2466)	1:134:A:VAL:HG23	1:137:A:SER:HB2	13	0.6
(3,2466)	1:134:A:VAL:HG23	1:137:A:SER:HB3	13	0.6
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	1	0.6
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	1	0.6
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	1	0.6
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	1	0.6
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	1	0.6
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	1	0.6
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	12	0.6
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	12	0.6
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	12	0.6
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	12	0.6
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	12	0.6
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	12	0.6
(3,2085)	1:32:A:GLY:HA2	1:34:A:LYS:H	6	0.6
(3,2085)	1:32:A:GLY:HA3	1:34:A:LYS:H	6	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2045)	1:17:A:ASN:HD21	1:79:A:THR:H	12	0.6
(3,2045)	1:17:A:ASN:HD22	1:79:A:THR:H	12	0.6
(3,1854)	1:9:A:PHE:HZ	1:57:A:LEU:HA	14	0.6
(3,1827)	1:9:A:PHE:HD1	1:11:A:ILE:HB	10	0.6
(3,1827)	1:9:A:PHE:HD2	1:11:A:ILE:HB	10	0.6
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	17	0.6
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	17	0.6
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	17	0.6
(3,1563)	1:76:A:ARG:HE	1:110:A:MET:HE1	18	0.6
(3,1563)	1:76:A:ARG:HE	1:110:A:MET:HE2	18	0.6
(3,1563)	1:76:A:ARG:HE	1:110:A:MET:HE3	18	0.6
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG21	17	0.6
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG22	17	0.6
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG23	17	0.6
(3,1368)	1:17:A:ASN:HA	1:76:A:ARG:HA	3	0.6
(3,1040)	1:113:A:PHE:HA	1:116:A:GLN:HG3	10	0.6
(3,949)	1:107:A:LEU:HB2	1:112:A:GLN:HG2	10	0.6
(3,949)	1:107:A:LEU:HB2	1:112:A:GLN:HG3	10	0.6
(3,949)	1:107:A:LEU:HB3	1:112:A:GLN:HG2	10	0.6
(3,949)	1:107:A:LEU:HB3	1:112:A:GLN:HG3	10	0.6
(3,942)	1:81:A:GLU:H	1:81:A:GLU:HG2	16	0.6
(3,942)	1:81:A:GLU:H	1:81:A:GLU:HG3	16	0.6
(3,903)	1:113:A:PHE:HB2	1:114:A:ILE:HD11	6	0.6
(3,903)	1:113:A:PHE:HB2	1:114:A:ILE:HD12	6	0.6
(3,903)	1:113:A:PHE:HB2	1:114:A:ILE:HD13	6	0.6
(3,887)	1:21:A:THR:HG21	1:24:A:ASP:HB2	1	0.6
(3,887)	1:21:A:THR:HG21	1:24:A:ASP:HB3	1	0.6
(3,887)	1:21:A:THR:HG22	1:24:A:ASP:HB2	1	0.6
(3,887)	1:21:A:THR:HG22	1:24:A:ASP:HB3	1	0.6
(3,887)	1:21:A:THR:HG23	1:24:A:ASP:HB2	1	0.6
(3,887)	1:21:A:THR:HG23	1:24:A:ASP:HB3	1	0.6
(3,808)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	10	0.6
(3,808)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	10	0.6
(3,808)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	10	0.6
(3,808)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	10	0.6
(3,808)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	10	0.6
(3,808)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	10	0.6
(3,739)	1:50:A:ALA:H	1:130:A:GLY:HA3	19	0.6
(3,381)	1:40:A:LEU:HD11	1:41:A:LYS:H	13	0.6
(3,381)	1:40:A:LEU:HD12	1:41:A:LYS:H	13	0.6
(3,381)	1:40:A:LEU:HD13	1:41:A:LYS:H	13	0.6
(3,350)	1:73:A:ILE:HD11	1:111:A:GLU:H	4	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,350)	1:73:A:ILE:HD12	1:111:A:GLU:H	4	0.6
(3,350)	1:73:A:ILE:HD13	1:111:A:GLU:H	4	0.6
(3,104)	1:69:A:MET:H	1:69:A:MET:HE1	9	0.6
(3,104)	1:69:A:MET:H	1:69:A:MET:HE2	9	0.6
(3,104)	1:69:A:MET:H	1:69:A:MET:HE3	9	0.6
(3,9)	1:64:A:LYS:H	1:116:A:GLN:HE22	9	0.6
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD11	8	0.6
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD12	8	0.6
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD13	8	0.6
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD21	8	0.6
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD22	8	0.6
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD23	8	0.6
(2,2326)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	17	0.6
(2,2326)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	17	0.6
(2,2326)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	17	0.6
(2,2326)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	17	0.6
(2,2326)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	17	0.6
(2,2326)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	17	0.6
(2,2267)	1:69:A:MET:H	1:70:A:LYS:HG2	6	0.6
(2,2267)	1:69:A:MET:H	1:70:A:LYS:HG3	6	0.6
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG11	5	0.6
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG12	5	0.6
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG13	5	0.6
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG21	5	0.6
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG22	5	0.6
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG23	5	0.6
(2,2038)	1:17:A:ASN:HB2	1:76:A:ARG:HA	13	0.6
(2,2038)	1:17:A:ASN:HB3	1:76:A:ARG:HA	13	0.6
(2,1967)	1:10:A:ASN:HB3	1:14:A:VAL:HG11	13	0.6
(2,1967)	1:10:A:ASN:HB3	1:14:A:VAL:HG12	13	0.6
(2,1967)	1:10:A:ASN:HB3	1:14:A:VAL:HG13	13	0.6
(2,1967)	1:10:A:ASN:HB3	1:14:A:VAL:HG21	13	0.6
(2,1967)	1:10:A:ASN:HB3	1:14:A:VAL:HG22	13	0.6
(2,1967)	1:10:A:ASN:HB3	1:14:A:VAL:HG23	13	0.6
(2,1942)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	6	0.6
(2,1871)	1:79:A:THR:HB	1:80:A:TYR:HE1	11	0.6
(2,1871)	1:79:A:THR:HB	1:80:A:TYR:HE2	11	0.6
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	6	0.6
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	6	0.6
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	6	0.6
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	6	0.6
(2,1756)	1:31:A:PRO:HB2	1:35:A:LEU:HA	16	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1756)	1:31:A:PRO:HB3	1:35:A:LEU:HA	16	0.6
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB2	6	0.6
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB3	6	0.6
(2,1345)	1:17:A:ASN:HA	1:76:A:ARG:HA	3	0.6
(2,1239)	1:40:A:LEU:HD11	1:44:A:GLU:H	15	0.6
(2,1239)	1:40:A:LEU:HD12	1:44:A:GLU:H	15	0.6
(2,1239)	1:40:A:LEU:HD13	1:44:A:GLU:H	15	0.6
(2,1223)	1:143:A:TRP:H	1:144:A:LEU:HD11	5	0.6
(2,1223)	1:143:A:TRP:H	1:144:A:LEU:HD12	5	0.6
(2,1223)	1:143:A:TRP:H	1:144:A:LEU:HD13	5	0.6
(2,1119)	1:57:A:LEU:HG	1:60:A:LEU:HD11	6	0.6
(2,1119)	1:57:A:LEU:HG	1:60:A:LEU:HD12	6	0.6
(2,1119)	1:57:A:LEU:HG	1:60:A:LEU:HD13	6	0.6
(2,1116)	1:40:A:LEU:HA	1:43:A:MET:HG3	2	0.6
(2,1062)	1:54:A:ARG:HA	1:58:A:ILE:HG13	18	0.6
(2,978)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	5	0.6
(2,978)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	5	0.6
(2,953)	1:11:A:ILE:HD11	1:43:A:MET:HB3	14	0.6
(2,953)	1:11:A:ILE:HD12	1:43:A:MET:HB3	14	0.6
(2,953)	1:11:A:ILE:HD13	1:43:A:MET:HB3	14	0.6
(2,921)	1:107:A:LEU:HB2	1:112:A:GLN:HG2	10	0.6
(2,921)	1:107:A:LEU:HB2	1:112:A:GLN:HG3	10	0.6
(2,921)	1:107:A:LEU:HB3	1:112:A:GLN:HG2	10	0.6
(2,921)	1:107:A:LEU:HB3	1:112:A:GLN:HG3	10	0.6
(2,884)	1:113:A:PHE:HB2	1:114:A:ILE:HD11	6	0.6
(2,884)	1:113:A:PHE:HB2	1:114:A:ILE:HD12	6	0.6
(2,884)	1:113:A:PHE:HB2	1:114:A:ILE:HD13	6	0.6
(2,834)	1:103:A:ARG:HA	1:103:A:ARG:HD2	19	0.6
(2,834)	1:103:A:ARG:HA	1:103:A:ARG:HD3	19	0.6
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD21	10	0.6
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD22	10	0.6
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD23	10	0.6
(2,617)	1:23:A:LEU:HD21	1:25:A:ALA:H	6	0.6
(2,617)	1:23:A:LEU:HD22	1:25:A:ALA:H	6	0.6
(2,617)	1:23:A:LEU:HD23	1:25:A:ALA:H	6	0.6
(2,486)	1:98:A:ILE:H	1:105:A:LYS:H	16	0.6
(2,111)	1:80:A:TYR:H	1:81:A:GLU:HG2	4	0.6
(2,111)	1:80:A:TYR:H	1:81:A:GLU:HG3	4	0.6
(2,67)	1:13:A:ALA:HB1	1:81:A:GLU:H	5	0.6
(2,67)	1:13:A:ALA:HB2	1:81:A:GLU:H	5	0.6
(2,67)	1:13:A:ALA:HB3	1:81:A:GLU:H	5	0.6
(2,54)	1:47:A:ALA:H	1:134:A:VAL:HG21	10	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,54)	1:47:A:ALA:H	1:134:A:VAL:HG22	10	0.6
(2,54)	1:47:A:ALA:H	1:134:A:VAL:HG23	10	0.6
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD11	4	0.6
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD12	4	0.6
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD13	4	0.6
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD21	4	0.6
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD22	4	0.6
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD23	4	0.6
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG12	13	0.6
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG13	13	0.6
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG12	13	0.6
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG13	13	0.6
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG12	13	0.6
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG13	13	0.6
(1,1944)	1:10:A:ASN:HB3	1:14:A:VAL:HG11	13	0.6
(1,1944)	1:10:A:ASN:HB3	1:14:A:VAL:HG12	13	0.6
(1,1944)	1:10:A:ASN:HB3	1:14:A:VAL:HG13	13	0.6
(1,1944)	1:10:A:ASN:HB3	1:14:A:VAL:HG21	13	0.6
(1,1944)	1:10:A:ASN:HB3	1:14:A:VAL:HG22	13	0.6
(1,1944)	1:10:A:ASN:HB3	1:14:A:VAL:HG23	13	0.6
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	2	0.6
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	2	0.6
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	2	0.6
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	2	0.6
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	2	0.6
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	2	0.6
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	7	0.6
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	7	0.6
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	7	0.6
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	15	0.6
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	15	0.6
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	15	0.6
(1,1870)	1:9:A:PHE:HZ	1:11:A:ILE:HA	5	0.6
(1,1861)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	9	0.6
(1,1861)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	9	0.6
(1,1861)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	9	0.6
(1,1861)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	9	0.6
(1,1860)	1:80:A:TYR:HE1	1:81:A:GLU:HB3	12	0.6
(1,1860)	1:80:A:TYR:HE2	1:81:A:GLU:HB3	12	0.6
(1,1830)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	8	0.6
(1,1830)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	8	0.6
(1,1810)	1:9:A:PHE:HD1	1:11:A:ILE:HB	10	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1810)	1:9:A:PHE:HD2	1:11:A:ILE:HB	10	0.6
(1,1709)	1:43:A:MET:HE1	1:131:A:LEU:HA	5	0.6
(1,1709)	1:43:A:MET:HE2	1:131:A:LEU:HA	5	0.6
(1,1709)	1:43:A:MET:HE3	1:131:A:LEU:HA	5	0.6
(1,1402)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	2	0.6
(1,1402)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	2	0.6
(1,1402)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	2	0.6
(1,1402)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	11	0.6
(1,1402)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	11	0.6
(1,1402)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	11	0.6
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	17	0.6
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	17	0.6
(1,1380)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	17	0.6
(1,1231)	1:43:A:MET:H	1:140:A:LEU:HD11	19	0.6
(1,1231)	1:43:A:MET:H	1:140:A:LEU:HD12	19	0.6
(1,1231)	1:43:A:MET:H	1:140:A:LEU:HD13	19	0.6
(1,1136)	1:40:A:LEU:HA	1:43:A:MET:HG3	2	0.6
(1,953)	1:107:A:LEU:HB2	1:112:A:GLN:HG2	10	0.6
(1,953)	1:107:A:LEU:HB2	1:112:A:GLN:HG3	10	0.6
(1,953)	1:107:A:LEU:HB3	1:112:A:GLN:HG2	10	0.6
(1,953)	1:107:A:LEU:HB3	1:112:A:GLN:HG3	10	0.6
(1,888)	1:21:A:THR:HG21	1:24:A:ASP:HB2	1	0.6
(1,888)	1:21:A:THR:HG21	1:24:A:ASP:HB3	1	0.6
(1,888)	1:21:A:THR:HG22	1:24:A:ASP:HB2	1	0.6
(1,888)	1:21:A:THR:HG22	1:24:A:ASP:HB3	1	0.6
(1,888)	1:21:A:THR:HG23	1:24:A:ASP:HB2	1	0.6
(1,888)	1:21:A:THR:HG23	1:24:A:ASP:HB3	1	0.6
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	11	0.6
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	11	0.6
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	11	0.6
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	11	0.6
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	11	0.6
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	11	0.6
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	11	0.6
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	11	0.6
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	11	0.6
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	3	0.6
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	3	0.6
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	3	0.6
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	3	0.6
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	3	0.6
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	3	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	3	0.6
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	3	0.6
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	3	0.6
(1,735)	1:50:A:ALA:H	1:130:A:GLY:HA3	19	0.6
(1,439)	1:143:A:TRP:H	1:144:A:LEU:HD11	5	0.6
(1,439)	1:143:A:TRP:H	1:144:A:LEU:HD12	5	0.6
(1,439)	1:143:A:TRP:H	1:144:A:LEU:HD13	5	0.6
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD21	2	0.6
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD22	2	0.6
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD23	2	0.6
(1,396)	1:105:A:LYS:HD2	1:106:A:ASP:H	16	0.6
(1,396)	1:105:A:LYS:HD3	1:106:A:ASP:H	16	0.6
(1,58)	1:98:A:ILE:H	1:101:A:ILE:HG13	13	0.6
(1,38)	1:96:A:VAL:H	1:96:A:VAL:HB	4	0.6
(1,9)	1:64:A:LYS:H	1:116:A:GLN:HE22	9	0.6
(34,2170)	1:47:A:ALA:HB1	1:131:A:LEU:HB2	11	0.59
(34,2170)	1:47:A:ALA:HB1	1:131:A:LEU:HB3	11	0.59
(34,2170)	1:47:A:ALA:HB2	1:131:A:LEU:HB2	11	0.59
(34,2170)	1:47:A:ALA:HB2	1:131:A:LEU:HB3	11	0.59
(34,2170)	1:47:A:ALA:HB3	1:131:A:LEU:HB2	11	0.59
(34,2170)	1:47:A:ALA:HB3	1:131:A:LEU:HB3	11	0.59
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD11	8	0.59
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD12	8	0.59
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD13	8	0.59
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD21	8	0.59
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD22	8	0.59
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD23	8	0.59
(34,2047)	1:23:A:LEU:HD11	1:24:A:ASP:H	18	0.59
(34,2047)	1:23:A:LEU:HD12	1:24:A:ASP:H	18	0.59
(34,2047)	1:23:A:LEU:HD13	1:24:A:ASP:H	18	0.59
(34,2047)	1:23:A:LEU:HD21	1:24:A:ASP:H	18	0.59
(34,2047)	1:23:A:LEU:HD22	1:24:A:ASP:H	18	0.59
(34,2047)	1:23:A:LEU:HD23	1:24:A:ASP:H	18	0.59
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	19	0.59
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	19	0.59
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	19	0.59
(34,1859)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	8	0.59
(34,1859)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	8	0.59
(34,1859)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	8	0.59
(34,1859)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	8	0.59
(34,1859)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	8	0.59
(34,1859)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	8	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1775)	1:97:A:ASP:HA	1:105:A:LYS:HG3	6	0.59
(34,1681)	1:107:A:LEU:H	1:111:A:GLU:HB2	19	0.59
(34,1681)	1:107:A:LEU:H	1:111:A:GLU:HB3	19	0.59
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD2	1	0.59
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD3	1	0.59
(34,1535)	1:110:A:MET:HE1	1:113:A:PHE:HE1	11	0.59
(34,1535)	1:110:A:MET:HE1	1:113:A:PHE:HE2	11	0.59
(34,1535)	1:110:A:MET:HE2	1:113:A:PHE:HE1	11	0.59
(34,1535)	1:110:A:MET:HE2	1:113:A:PHE:HE2	11	0.59
(34,1535)	1:110:A:MET:HE3	1:113:A:PHE:HE1	11	0.59
(34,1535)	1:110:A:MET:HE3	1:113:A:PHE:HE2	11	0.59
(34,1362)	1:17:A:ASN:HA	1:76:A:ARG:HA	16	0.59
(34,1294)	1:11:A:ILE:HG21	1:15:A:ALA:HA	6	0.59
(34,1294)	1:11:A:ILE:HG22	1:15:A:ALA:HA	6	0.59
(34,1294)	1:11:A:ILE:HG23	1:15:A:ALA:HA	6	0.59
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD11	6	0.59
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD12	6	0.59
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD13	6	0.59
(34,1114)	1:138:A:ASP:HA	1:141:A:LYS:HA	18	0.59
(34,970)	1:39:A:VAL:HA	1:140:A:LEU:HD11	9	0.59
(34,970)	1:39:A:VAL:HA	1:140:A:LEU:HD12	9	0.59
(34,970)	1:39:A:VAL:HA	1:140:A:LEU:HD13	9	0.59
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG11	9	0.59
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG12	9	0.59
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG13	9	0.59
(34,666)	1:101:A:ILE:HB	1:103:A:ARG:H	3	0.59
(34,269)	1:27:A:ARG:HB3	1:29:A:LYS:H	12	0.59
(34,236)	1:44:A:GLU:HG3	1:48:A:ARG:H	13	0.59
(34,90)	1:150:A:THR:HA	1:151:A:PHE:H	10	0.59
(34,90)	1:150:A:THR:HA	1:151:A:PHE:H	12	0.59
(34,68)	1:79:A:THR:HG21	1:81:A:GLU:H	16	0.59
(34,68)	1:79:A:THR:HG22	1:81:A:GLU:H	16	0.59
(34,68)	1:79:A:THR:HG23	1:81:A:GLU:H	16	0.59
(33,2289)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	9	0.59
(33,2289)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	9	0.59
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD11	8	0.59
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD12	8	0.59
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD13	8	0.59
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD21	8	0.59
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD22	8	0.59
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD23	8	0.59
(33,2137)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	15	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2137)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	15	0.59
(33,2137)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	15	0.59
(33,2137)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	15	0.59
(33,2137)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	15	0.59
(33,2137)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	15	0.59
(33,2137)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	15	0.59
(33,2137)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	15	0.59
(33,2137)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	15	0.59
(33,2137)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	15	0.59
(33,2137)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	15	0.59
(33,2137)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	15	0.59
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	15	0.59
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	15	0.59
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	15	0.59
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	15	0.59
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	15	0.59
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	15	0.59
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	15	0.59
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	15	0.59
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	15	0.59
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	15	0.59
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	15	0.59
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	15	0.59
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD11	12	0.59
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD12	12	0.59
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD13	12	0.59
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD21	12	0.59
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD22	12	0.59
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD23	12	0.59
(33,1970)	1:12:A:VAL:HG11	1:43:A:MET:HB2	5	0.59
(33,1970)	1:12:A:VAL:HG12	1:43:A:MET:HB2	5	0.59
(33,1970)	1:12:A:VAL:HG13	1:43:A:MET:HB2	5	0.59
(33,1970)	1:12:A:VAL:HG21	1:43:A:MET:HB2	5	0.59
(33,1970)	1:12:A:VAL:HG22	1:43:A:MET:HB2	5	0.59
(33,1970)	1:12:A:VAL:HG23	1:43:A:MET:HB2	5	0.59
(33,1659)	1:107:A:LEU:H	1:111:A:GLU:HB2	19	0.59
(33,1659)	1:107:A:LEU:H	1:111:A:GLU:HB3	19	0.59
(33,1576)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	6	0.59
(33,1576)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	6	0.59
(33,1576)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	6	0.59
(33,1576)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	6	0.59
(33,1576)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	6	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1576)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	6	0.59
(33,1573)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	4	0.59
(33,1573)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	4	0.59
(33,1573)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	4	0.59
(33,1507)	1:11:A:ILE:HD11	1:43:A:MET:HE1	15	0.59
(33,1507)	1:11:A:ILE:HD11	1:43:A:MET:HE2	15	0.59
(33,1507)	1:11:A:ILE:HD11	1:43:A:MET:HE3	15	0.59
(33,1507)	1:11:A:ILE:HD12	1:43:A:MET:HE1	15	0.59
(33,1507)	1:11:A:ILE:HD12	1:43:A:MET:HE2	15	0.59
(33,1507)	1:11:A:ILE:HD12	1:43:A:MET:HE3	15	0.59
(33,1507)	1:11:A:ILE:HD13	1:43:A:MET:HE1	15	0.59
(33,1507)	1:11:A:ILE:HD13	1:43:A:MET:HE2	15	0.59
(33,1507)	1:11:A:ILE:HD13	1:43:A:MET:HE3	15	0.59
(33,1455)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	15	0.59
(33,1455)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	15	0.59
(33,1455)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	15	0.59
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD11	6	0.59
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD12	6	0.59
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD13	6	0.59
(33,943)	1:69:A:MET:HG2	1:109:A:PRO:HA	17	0.59
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG11	9	0.59
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG12	9	0.59
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG13	9	0.59
(33,572)	1:11:A:ILE:HD11	1:16:A:SER:H	19	0.59
(33,572)	1:11:A:ILE:HD12	1:16:A:SER:H	19	0.59
(33,572)	1:11:A:ILE:HD13	1:16:A:SER:H	19	0.59
(33,532)	1:124:A:THR:H	1:127:A:CYS:HA	2	0.59
(33,254)	1:27:A:ARG:HA	1:29:A:LYS:H	18	0.59
(33,229)	1:44:A:GLU:HG3	1:48:A:ARG:H	3	0.59
(33,229)	1:44:A:GLU:HG3	1:48:A:ARG:H	6	0.59
(33,93)	1:150:A:THR:HA	1:151:A:PHE:H	10	0.59
(33,93)	1:150:A:THR:HA	1:151:A:PHE:H	12	0.59
(32,2461)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	10	0.59
(32,2461)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	10	0.59
(32,2461)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	10	0.59
(32,2461)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	10	0.59
(32,2461)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	10	0.59
(32,2461)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	10	0.59
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	6	0.59
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	6	0.59
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	6	0.59
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	6	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	6	0.59
(32,2366)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	6	0.59
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	6	0.59
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	6	0.59
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	6	0.59
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	6	0.59
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	6	0.59
(32,2366)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	6	0.59
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD11	6	0.59
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD12	6	0.59
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD13	6	0.59
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD21	6	0.59
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD22	6	0.59
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD23	6	0.59
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	15	0.59
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	15	0.59
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	15	0.59
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	15	0.59
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	15	0.59
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	15	0.59
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	15	0.59
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	15	0.59
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	15	0.59
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	15	0.59
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	15	0.59
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	15	0.59
(32,1825)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	17	0.59
(32,1825)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	17	0.59
(32,1750)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	2	0.59
(32,1750)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	2	0.59
(32,1750)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	2	0.59
(32,1750)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	2	0.59
(32,1707)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	7	0.59
(32,1707)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	7	0.59
(32,1481)	1:110:A:MET:HE1	1:113:A:PHE:HE1	11	0.59
(32,1481)	1:110:A:MET:HE1	1:113:A:PHE:HE2	11	0.59
(32,1481)	1:110:A:MET:HE2	1:113:A:PHE:HE1	11	0.59
(32,1481)	1:110:A:MET:HE2	1:113:A:PHE:HE2	11	0.59
(32,1481)	1:110:A:MET:HE3	1:113:A:PHE:HE1	11	0.59
(32,1481)	1:110:A:MET:HE3	1:113:A:PHE:HE2	11	0.59
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE1	5	0.59
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE2	5	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE3	5	0.59
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE1	5	0.59
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE2	5	0.59
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE3	5	0.59
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE1	5	0.59
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE2	5	0.59
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE3	5	0.59
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD11	13	0.59
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD12	13	0.59
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD13	13	0.59
(32,1162)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	11	0.59
(32,1162)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	11	0.59
(32,1162)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	11	0.59
(32,1162)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	11	0.59
(32,1162)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	11	0.59
(32,1162)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	11	0.59
(32,1162)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	11	0.59
(32,1162)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	11	0.59
(32,1162)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	11	0.59
(32,920)	1:39:A:VAL:HA	1:140:A:LEU:HD11	9	0.59
(32,920)	1:39:A:VAL:HA	1:140:A:LEU:HD12	9	0.59
(32,920)	1:39:A:VAL:HA	1:140:A:LEU:HD13	9	0.59
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	2	0.59
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	2	0.59
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	2	0.59
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	2	0.59
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	2	0.59
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	2	0.59
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	2	0.59
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	2	0.59
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	2	0.59
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	8	0.59
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	8	0.59
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	8	0.59
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	8	0.59
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	8	0.59
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	8	0.59
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	8	0.59
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	8	0.59
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	8	0.59
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	14	0.59
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	14	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	14	0.59
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	14	0.59
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	14	0.59
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	14	0.59
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	14	0.59
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	14	0.59
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	14	0.59
(32,520)	1:124:A:THR:H	1:127:A:CYS:HA	2	0.59
(32,384)	1:105:A:LYS:HD2	1:106:A:ASP:H	16	0.59
(32,384)	1:105:A:LYS:HD3	1:106:A:ASP:H	16	0.59
(32,249)	1:27:A:ARG:HA	1:29:A:LYS:H	18	0.59
(32,84)	1:150:A:THR:HA	1:151:A:PHE:H	10	0.59
(32,84)	1:150:A:THR:HA	1:151:A:PHE:H	12	0.59
(30,2457)	1:140:A:LEU:HD11	1:144:A:LEU:H	1	0.59
(30,2457)	1:140:A:LEU:HD12	1:144:A:LEU:H	1	0.59
(30,2457)	1:140:A:LEU:HD13	1:144:A:LEU:H	1	0.59
(30,2457)	1:140:A:LEU:HD21	1:144:A:LEU:H	1	0.59
(30,2457)	1:140:A:LEU:HD22	1:144:A:LEU:H	1	0.59
(30,2457)	1:140:A:LEU:HD23	1:144:A:LEU:H	1	0.59
(30,2449)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	10	0.59
(30,2449)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	10	0.59
(30,2449)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	10	0.59
(30,2449)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	10	0.59
(30,2449)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	10	0.59
(30,2449)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	10	0.59
(30,2060)	1:31:A:PRO:HD2	1:143:A:TRP:HA	6	0.59
(30,2060)	1:31:A:PRO:HD3	1:143:A:TRP:HA	6	0.59
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD11	8	0.59
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD12	8	0.59
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD13	8	0.59
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD21	8	0.59
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD22	8	0.59
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD23	8	0.59
(30,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	18	0.59
(30,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	18	0.59
(30,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	18	0.59
(30,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	18	0.59
(30,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	18	0.59
(30,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	18	0.59
(30,1920)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	10	0.59
(30,1920)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	10	0.59
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	19	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	19	0.59
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	19	0.59
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	17	0.59
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	17	0.59
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	17	0.59
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	17	0.59
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	17	0.59
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	17	0.59
(30,1744)	1:18:A:PHE:HB2	1:132:A:ALA:HA	7	0.59
(30,1744)	1:18:A:PHE:HB3	1:132:A:ALA:HA	7	0.59
(30,1673)	1:107:A:LEU:H	1:111:A:GLU:HB2	19	0.59
(30,1673)	1:107:A:LEU:H	1:111:A:GLU:HB3	19	0.59
(30,1590)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	6	0.59
(30,1590)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	6	0.59
(30,1590)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	6	0.59
(30,1590)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	6	0.59
(30,1590)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	6	0.59
(30,1590)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	6	0.59
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE1	13	0.59
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE2	13	0.59
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE3	13	0.59
(30,1411)	1:149:A:ALA:HB1	1:151:A:PHE:H	7	0.59
(30,1411)	1:149:A:ALA:HB2	1:151:A:PHE:H	7	0.59
(30,1411)	1:149:A:ALA:HB3	1:151:A:PHE:H	7	0.59
(30,1174)	1:27:A:ARG:HB3	1:30:A:LEU:HD21	10	0.59
(30,1174)	1:27:A:ARG:HB3	1:30:A:LEU:HD22	10	0.59
(30,1174)	1:27:A:ARG:HB3	1:30:A:LEU:HD23	10	0.59
(30,954)	1:15:A:ALA:HB1	1:43:A:MET:HB2	14	0.59
(30,954)	1:15:A:ALA:HB2	1:43:A:MET:HB2	14	0.59
(30,954)	1:15:A:ALA:HB3	1:43:A:MET:HB2	14	0.59
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	18	0.59
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	18	0.59
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	18	0.59
(30,856)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	19	0.59
(30,856)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	19	0.59
(30,836)	1:103:A:ARG:HA	1:103:A:ARG:HD2	14	0.59
(30,836)	1:103:A:ARG:HA	1:103:A:ARG:HD3	14	0.59
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	1	0.59
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	1	0.59
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	1	0.59
(30,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	18	0.59
(30,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	5	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	5	0.59
(30,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	5	0.59
(30,90)	1:150:A:THR:HA	1:151:A:PHE:H	10	0.59
(30,90)	1:150:A:THR:HA	1:151:A:PHE:H	12	0.59
(30,59)	1:34:A:LYS:H	1:81:A:GLU:H	7	0.59
(29,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	3	0.59
(29,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	3	0.59
(29,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	3	0.59
(29,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	3	0.59
(29,2184)	1:56:A:CYS:HB2	1:124:A:THR:HG21	2	0.59
(29,2184)	1:56:A:CYS:HB2	1:124:A:THR:HG22	2	0.59
(29,2184)	1:56:A:CYS:HB2	1:124:A:THR:HG23	2	0.59
(29,2184)	1:56:A:CYS:HB3	1:124:A:THR:HG21	2	0.59
(29,2184)	1:56:A:CYS:HB3	1:124:A:THR:HG22	2	0.59
(29,2184)	1:56:A:CYS:HB3	1:124:A:THR:HG23	2	0.59
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD11	14	0.59
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD12	14	0.59
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD13	14	0.59
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD21	14	0.59
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD22	14	0.59
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD23	14	0.59
(29,2143)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	15	0.59
(29,2143)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	15	0.59
(29,2143)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	15	0.59
(29,2143)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	15	0.59
(29,2143)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	15	0.59
(29,2143)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	15	0.59
(29,2143)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	15	0.59
(29,2143)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	15	0.59
(29,2143)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	15	0.59
(29,2143)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	15	0.59
(29,2143)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	15	0.59
(29,2143)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	15	0.59
(29,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	18	0.59
(29,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	18	0.59
(29,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	18	0.59
(29,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	18	0.59
(29,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	18	0.59
(29,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	18	0.59
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	12	0.59
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	12	0.59
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	12	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	12	0.59
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	12	0.59
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	12	0.59
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	12	0.59
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	12	0.59
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	12	0.59
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	12	0.59
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	12	0.59
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	12	0.59
(29,1955)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	15	0.59
(29,1955)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	15	0.59
(29,1805)	1:80:A:TYR:HD1	1:81:A:GLU:HA	4	0.59
(29,1805)	1:80:A:TYR:HD2	1:81:A:GLU:HA	4	0.59
(29,1695)	1:110:A:MET:HB3	1:111:A:GLU:HB2	16	0.59
(29,1695)	1:110:A:MET:HB3	1:111:A:GLU:HB3	16	0.59
(29,1692)	1:107:A:LEU:H	1:111:A:GLU:HB2	19	0.59
(29,1692)	1:107:A:LEU:H	1:111:A:GLU:HB3	19	0.59
(29,1598)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	4	0.59
(29,1598)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	4	0.59
(29,1598)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	4	0.59
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB2	1	0.59
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB3	1	0.59
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB2	1	0.59
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB3	1	0.59
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB2	1	0.59
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB3	1	0.59
(29,1464)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	15	0.59
(29,1464)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	15	0.59
(29,1464)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	15	0.59
(29,1447)	1:31:A:PRO:HD3	1:144:A:LEU:HA	9	0.59
(29,1035)	1:113:A:PHE:HA	1:116:A:GLN:HG3	12	0.59
(29,970)	1:15:A:ALA:HB1	1:43:A:MET:HB2	11	0.59
(29,970)	1:15:A:ALA:HB2	1:43:A:MET:HB2	11	0.59
(29,970)	1:15:A:ALA:HB3	1:43:A:MET:HB2	11	0.59
(29,961)	1:39:A:VAL:HA	1:43:A:MET:HG3	8	0.59
(29,961)	1:39:A:VAL:HA	1:43:A:MET:HG3	9	0.59
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	1	0.59
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	1	0.59
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	1	0.59
(29,727)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	11	0.59
(29,727)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	11	0.59
(29,727)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	11	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,427)	1:100:A:ALA:H	1:101:A:ILE:HG12	13	0.59
(29,257)	1:27:A:ARG:HA	1:29:A:LYS:H	18	0.59
(29,233)	1:44:A:GLU:HG3	1:48:A:ARG:H	3	0.59
(29,233)	1:44:A:GLU:HG3	1:48:A:ARG:H	6	0.59
(29,91)	1:150:A:THR:HA	1:151:A:PHE:H	10	0.59
(29,91)	1:150:A:THR:HA	1:151:A:PHE:H	12	0.59
(23,21)	1:129:A:LYS:N	1:125:A:THR:O	4	0.59
(23,21)	1:129:A:LYS:N	1:125:A:THR:O	7	0.59
(23,21)	1:129:A:LYS:N	1:125:A:THR:O	13	0.59
(23,19)	1:120:A:CYS:N	1:116:A:GLN:O	13	0.59
(23,18)	1:119:A:LEU:N	1:115:A:ALA:O	5	0.59
(23,18)	1:119:A:LEU:N	1:115:A:ALA:O	16	0.59
(23,15)	1:116:A:GLN:N	1:112:A:GLN:O	3	0.59
(23,15)	1:116:A:GLN:N	1:112:A:GLN:O	13	0.59
(23,13)	1:114:A:ILE:N	1:110:A:MET:O	16	0.59
(23,7)	1:60:A:LEU:N	1:56:A:CYS:O	5	0.59
(23,3)	1:44:A:GLU:N	1:40:A:LEU:O	10	0.59
(22,32)	1:117:A:VAL:N	1:113:A:PHE:C	17	0.59
(22,18)	1:73:A:ILE:N	1:69:A:MET:C	7	0.59
(22,15)	1:61:A:SER:H	1:57:A:LEU:C	4	0.59
(22,12)	1:59:A:CYS:N	1:55:A:GLY:C	11	0.59
(22,10)	1:58:A:ILE:N	1:54:A:ARG:C	13	0.59
(22,10)	1:58:A:ILE:N	1:54:A:ARG:C	15	0.59
(22,9)	1:58:A:ILE:H	1:54:A:ARG:C	10	0.59
(22,9)	1:58:A:ILE:H	1:54:A:ARG:C	11	0.59
(22,7)	1:45:A:ALA:H	1:41:A:LYS:C	16	0.59
(22,5)	1:44:A:GLU:H	1:40:A:LEU:C	7	0.59
(18,2440)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	10	0.59
(18,2440)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	10	0.59
(18,2440)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	10	0.59
(18,2440)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	10	0.59
(18,2440)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	10	0.59
(18,2440)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	10	0.59
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB1	4	0.59
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB2	4	0.59
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB3	4	0.59
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB1	4	0.59
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB2	4	0.59
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB3	4	0.59
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB1	4	0.59
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB2	4	0.59
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB3	4	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB1	4	0.59
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB2	4	0.59
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB3	4	0.59
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB1	4	0.59
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB2	4	0.59
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB3	4	0.59
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB1	4	0.59
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB2	4	0.59
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB3	4	0.59
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB1	12	0.59
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB2	12	0.59
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB3	12	0.59
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB1	12	0.59
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB2	12	0.59
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB3	12	0.59
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB1	12	0.59
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB2	12	0.59
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB3	12	0.59
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB1	12	0.59
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB2	12	0.59
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB3	12	0.59
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB1	12	0.59
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB2	12	0.59
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB3	12	0.59
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB1	12	0.59
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB2	12	0.59
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB3	12	0.59
(18,2113)	1:39:A:VAL:HG11	1:140:A:LEU:HG	7	0.59
(18,2113)	1:39:A:VAL:HG12	1:140:A:LEU:HG	7	0.59
(18,2113)	1:39:A:VAL:HG13	1:140:A:LEU:HG	7	0.59
(18,2113)	1:39:A:VAL:HG21	1:140:A:LEU:HG	7	0.59
(18,2113)	1:39:A:VAL:HG22	1:140:A:LEU:HG	7	0.59
(18,2113)	1:39:A:VAL:HG23	1:140:A:LEU:HG	7	0.59
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD11	3	0.59
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD12	3	0.59
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD13	3	0.59
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD21	3	0.59
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD22	3	0.59
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD23	3	0.59
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD11	9	0.59
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD12	9	0.59
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD13	9	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD21	9	0.59
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD22	9	0.59
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD23	9	0.59
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD11	8	0.59
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD12	8	0.59
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD13	8	0.59
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD21	8	0.59
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD22	8	0.59
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD23	8	0.59
(18,1959)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	2	0.59
(18,1959)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	2	0.59
(18,1959)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	2	0.59
(18,1959)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	2	0.59
(18,1959)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	2	0.59
(18,1959)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	2	0.59
(18,1765)	1:80:A:TYR:HD1	1:81:A:GLU:HA	4	0.59
(18,1765)	1:80:A:TYR:HD2	1:81:A:GLU:HA	4	0.59
(18,1660)	1:110:A:MET:HB3	1:111:A:GLU:HB2	16	0.59
(18,1660)	1:110:A:MET:HB3	1:111:A:GLU:HB3	16	0.59
(18,1606)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	8	0.59
(18,1606)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	8	0.59
(18,1606)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	8	0.59
(18,1606)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	8	0.59
(18,1606)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	8	0.59
(18,1606)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	8	0.59
(18,1570)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	4	0.59
(18,1570)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	4	0.59
(18,1570)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	4	0.59
(18,1206)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	11	0.59
(18,1206)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	11	0.59
(18,1206)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	11	0.59
(18,1206)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	11	0.59
(18,1206)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	11	0.59
(18,1206)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	11	0.59
(18,1206)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	11	0.59
(18,1206)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	11	0.59
(18,1206)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	11	0.59
(18,1155)	1:116:A:GLN:HA	1:119:A:LEU:HG	15	0.59
(18,1099)	1:138:A:ASP:HA	1:141:A:LYS:HA	18	0.59
(18,976)	1:11:A:ILE:HD11	1:43:A:MET:HB3	14	0.59
(18,976)	1:11:A:ILE:HD12	1:43:A:MET:HB3	14	0.59
(18,976)	1:11:A:ILE:HD13	1:43:A:MET:HB3	14	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,944)	1:73:A:ILE:HD11	1:112:A:GLN:HG2	13	0.59
(18,944)	1:73:A:ILE:HD11	1:112:A:GLN:HG3	13	0.59
(18,944)	1:73:A:ILE:HD12	1:112:A:GLN:HG2	13	0.59
(18,944)	1:73:A:ILE:HD12	1:112:A:GLN:HG3	13	0.59
(18,944)	1:73:A:ILE:HD13	1:112:A:GLN:HG2	13	0.59
(18,944)	1:73:A:ILE:HD13	1:112:A:GLN:HG3	13	0.59
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	17	0.59
(18,941)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	17	0.59
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	17	0.59
(18,941)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	17	0.59
(18,547)	1:124:A:THR:H	1:127:A:CYS:HA	2	0.59
(18,516)	1:101:A:ILE:HD11	1:105:A:LYS:H	12	0.59
(18,516)	1:101:A:ILE:HD12	1:105:A:LYS:H	12	0.59
(18,516)	1:101:A:ILE:HD13	1:105:A:LYS:H	12	0.59
(18,238)	1:10:A:ASN:H	1:13:A:ALA:HB1	11	0.59
(18,238)	1:10:A:ASN:H	1:13:A:ALA:HB2	11	0.59
(18,238)	1:10:A:ASN:H	1:13:A:ALA:HB3	11	0.59
(18,89)	1:150:A:THR:HA	1:151:A:PHE:H	10	0.59
(18,89)	1:150:A:THR:HA	1:151:A:PHE:H	12	0.59
(17,2293)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	7	0.59
(17,2293)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	7	0.59
(17,2293)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	7	0.59
(17,2293)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	7	0.59
(17,2293)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	7	0.59
(17,2293)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	7	0.59
(17,2175)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	11	0.59
(17,2175)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	11	0.59
(17,2175)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	11	0.59
(17,2175)	1:46:A:ASN:HB3	1:134:A:VAL:HG21	11	0.59
(17,2175)	1:46:A:ASN:HB3	1:134:A:VAL:HG22	11	0.59
(17,2175)	1:46:A:ASN:HB3	1:134:A:VAL:HG23	11	0.59
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD11	8	0.59
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD12	8	0.59
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD13	8	0.59
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD21	8	0.59
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD22	8	0.59
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD23	8	0.59
(17,2073)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	8	0.59
(17,2073)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	8	0.59
(17,2073)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	8	0.59
(17,2073)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	8	0.59
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	15	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	15	0.59
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	15	0.59
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	15	0.59
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	15	0.59
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	15	0.59
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	15	0.59
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	15	0.59
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	15	0.59
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	15	0.59
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	15	0.59
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	15	0.59
(17,2037)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	13	0.59
(17,2037)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	13	0.59
(17,2037)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	13	0.59
(17,2037)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	13	0.59
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	3	0.59
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	3	0.59
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	3	0.59
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	3	0.59
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	3	0.59
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	3	0.59
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	3	0.59
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	3	0.59
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	3	0.59
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	3	0.59
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	3	0.59
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	3	0.59
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	3	0.59
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	3	0.59
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	3	0.59
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	3	0.59
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	3	0.59
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	3	0.59
(17,1776)	1:141:A:LYS:HA	1:148:A:CYS:H	13	0.59
(17,1741)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	4	0.59
(17,1741)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	4	0.59
(17,1741)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	4	0.59
(17,1686)	1:107:A:LEU:H	1:111:A:GLU:HB2	19	0.59
(17,1686)	1:107:A:LEU:H	1:111:A:GLU:HB3	19	0.59
(17,1682)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	16	0.59
(17,1682)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	16	0.59
(17,1604)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	6	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1604)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	6	0.59
(17,1604)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	6	0.59
(17,1604)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	6	0.59
(17,1604)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	6	0.59
(17,1604)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	6	0.59
(17,1573)	1:39:A:VAL:H	1:139:A:LEU:HD11	13	0.59
(17,1573)	1:39:A:VAL:H	1:139:A:LEU:HD12	13	0.59
(17,1573)	1:39:A:VAL:H	1:139:A:LEU:HD13	13	0.59
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD21	13	0.59
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD22	13	0.59
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD23	13	0.59
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE1	13	0.59
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE2	13	0.59
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE3	13	0.59
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	9	0.59
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	9	0.59
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	9	0.59
(17,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	15	0.59
(17,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	15	0.59
(17,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	15	0.59
(17,1396)	1:103:A:ARG:HD2	1:107:A:LEU:HD11	3	0.59
(17,1396)	1:103:A:ARG:HD2	1:107:A:LEU:HD12	3	0.59
(17,1396)	1:103:A:ARG:HD2	1:107:A:LEU:HD13	3	0.59
(17,1396)	1:103:A:ARG:HD3	1:107:A:LEU:HD11	3	0.59
(17,1396)	1:103:A:ARG:HD3	1:107:A:LEU:HD12	3	0.59
(17,1396)	1:103:A:ARG:HD3	1:107:A:LEU:HD13	3	0.59
(17,1356)	1:17:A:ASN:HA	1:76:A:ARG:HA	16	0.59
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD21	4	0.59
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD22	4	0.59
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD23	4	0.59
(17,1262)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	7	0.59
(17,1262)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	7	0.59
(17,1262)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	7	0.59
(17,1262)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	7	0.59
(17,1262)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	7	0.59
(17,1262)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	7	0.59
(17,1262)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	7	0.59
(17,1262)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	7	0.59
(17,1262)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	7	0.59
(17,1092)	1:45:A:ALA:HA	1:48:A:ARG:HG2	10	0.59
(17,1092)	1:45:A:ALA:HA	1:48:A:ARG:HG3	10	0.59
(17,955)	1:39:A:VAL:HA	1:140:A:LEU:HD11	9	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,955)	1:39:A:VAL:HA	1:140:A:LEU:HD12	9	0.59
(17,955)	1:39:A:VAL:HA	1:140:A:LEU:HD13	9	0.59
(17,842)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	19	0.59
(17,842)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	19	0.59
(17,842)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	19	0.59
(17,842)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	19	0.59
(17,842)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	19	0.59
(17,842)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	19	0.59
(17,834)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	4	0.59
(17,834)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	4	0.59
(17,834)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	4	0.59
(17,834)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	4	0.59
(17,834)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	4	0.59
(17,834)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	4	0.59
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	1	0.59
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	1	0.59
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	1	0.59
(17,260)	1:27:A:ARG:HB3	1:29:A:LYS:H	12	0.59
(17,227)	1:44:A:GLU:HG3	1:48:A:ARG:H	13	0.59
(17,160)	1:127:A:CYS:H	1:128:A:LEU:HG	15	0.59
(17,88)	1:150:A:THR:HA	1:151:A:PHE:H	10	0.59
(17,88)	1:150:A:THR:HA	1:151:A:PHE:H	12	0.59
(16,2491)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	10	0.59
(16,2491)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	10	0.59
(16,2491)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	10	0.59
(16,2491)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	10	0.59
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	5	0.59
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	5	0.59
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	5	0.59
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	5	0.59
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	5	0.59
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	5	0.59
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	5	0.59
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	5	0.59
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	5	0.59
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	5	0.59
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	5	0.59
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	5	0.59
(16,2353)	1:113:A:PHE:HD1	1:116:A:GLN:HG2	9	0.59
(16,2353)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	9	0.59
(16,2353)	1:113:A:PHE:HD2	1:116:A:GLN:HG2	9	0.59
(16,2353)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	9	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2331)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	6	0.59
(16,2331)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	6	0.59
(16,2331)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	6	0.59
(16,2331)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	6	0.59
(16,2331)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	6	0.59
(16,2331)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	6	0.59
(16,2293)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	16	0.59
(16,2293)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	16	0.59
(16,2293)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	16	0.59
(16,2293)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	16	0.59
(16,2293)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	16	0.59
(16,2293)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	16	0.59
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG11	7	0.59
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG12	7	0.59
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG13	7	0.59
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG21	7	0.59
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG22	7	0.59
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG23	7	0.59
(16,2141)	1:40:A:LEU:HD11	1:43:A:MET:HG3	14	0.59
(16,2141)	1:40:A:LEU:HD12	1:43:A:MET:HG3	14	0.59
(16,2141)	1:40:A:LEU:HD13	1:43:A:MET:HG3	14	0.59
(16,2141)	1:40:A:LEU:HD21	1:43:A:MET:HG3	14	0.59
(16,2141)	1:40:A:LEU:HD22	1:43:A:MET:HG3	14	0.59
(16,2141)	1:40:A:LEU:HD23	1:43:A:MET:HG3	14	0.59
(16,2128)	1:39:A:VAL:HG11	1:140:A:LEU:HG	7	0.59
(16,2128)	1:39:A:VAL:HG12	1:140:A:LEU:HG	7	0.59
(16,2128)	1:39:A:VAL:HG13	1:140:A:LEU:HG	7	0.59
(16,2128)	1:39:A:VAL:HG21	1:140:A:LEU:HG	7	0.59
(16,2128)	1:39:A:VAL:HG22	1:140:A:LEU:HG	7	0.59
(16,2128)	1:39:A:VAL:HG23	1:140:A:LEU:HG	7	0.59
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD11	9	0.59
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD12	9	0.59
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD13	9	0.59
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD21	9	0.59
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD22	9	0.59
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD23	9	0.59
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	15	0.59
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	15	0.59
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	15	0.59
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	15	0.59
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	15	0.59
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	15	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	15	0.59
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	15	0.59
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	15	0.59
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	15	0.59
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	15	0.59
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	15	0.59
(16,1763)	1:95:A:ILE:HB	1:97:A:ASP:HB2	13	0.59
(16,1763)	1:95:A:ILE:HB	1:97:A:ASP:HB3	13	0.59
(16,1752)	1:43:A:MET:H	1:140:A:LEU:HD21	13	0.59
(16,1752)	1:43:A:MET:H	1:140:A:LEU:HD22	13	0.59
(16,1752)	1:43:A:MET:H	1:140:A:LEU:HD23	13	0.59
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD11	1	0.59
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD12	1	0.59
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD13	1	0.59
(16,1564)	1:63:A:ILE:HD11	1:113:A:PHE:HA	7	0.59
(16,1564)	1:63:A:ILE:HD12	1:113:A:PHE:HA	7	0.59
(16,1564)	1:63:A:ILE:HD13	1:113:A:PHE:HA	7	0.59
(16,1531)	1:69:A:MET:HE1	1:76:A:ARG:HG2	13	0.59
(16,1531)	1:69:A:MET:HE1	1:76:A:ARG:HG3	13	0.59
(16,1531)	1:69:A:MET:HE2	1:76:A:ARG:HG2	13	0.59
(16,1531)	1:69:A:MET:HE2	1:76:A:ARG:HG3	13	0.59
(16,1531)	1:69:A:MET:HE3	1:76:A:ARG:HG2	13	0.59
(16,1531)	1:69:A:MET:HE3	1:76:A:ARG:HG3	13	0.59
(16,1531)	1:69:A:MET:HE1	1:76:A:ARG:HG2	14	0.59
(16,1531)	1:69:A:MET:HE1	1:76:A:ARG:HG3	14	0.59
(16,1531)	1:69:A:MET:HE2	1:76:A:ARG:HG2	14	0.59
(16,1531)	1:69:A:MET:HE2	1:76:A:ARG:HG3	14	0.59
(16,1531)	1:69:A:MET:HE3	1:76:A:ARG:HG2	14	0.59
(16,1531)	1:69:A:MET:HE3	1:76:A:ARG:HG3	14	0.59
(16,1457)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	15	0.59
(16,1457)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	15	0.59
(16,1457)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	15	0.59
(16,1443)	1:31:A:PRO:HD3	1:144:A:LEU:HA	9	0.59
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD11	13	0.59
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD12	13	0.59
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD13	13	0.59
(16,1261)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	11	0.59
(16,1261)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	11	0.59
(16,1261)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	11	0.59
(16,1261)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	11	0.59
(16,1261)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	11	0.59
(16,1261)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	11	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1261)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	11	0.59
(16,1261)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	11	0.59
(16,1261)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	11	0.59
(16,1136)	1:40:A:LEU:HA	1:43:A:MET:HG3	8	0.59
(16,1018)	1:95:A:ILE:HG21	1:105:A:LYS:HB2	7	0.59
(16,1018)	1:95:A:ILE:HG21	1:105:A:LYS:HB3	7	0.59
(16,1018)	1:95:A:ILE:HG22	1:105:A:LYS:HB2	7	0.59
(16,1018)	1:95:A:ILE:HG22	1:105:A:LYS:HB3	7	0.59
(16,1018)	1:95:A:ILE:HG23	1:105:A:LYS:HB2	7	0.59
(16,1018)	1:95:A:ILE:HG23	1:105:A:LYS:HB3	7	0.59
(16,1008)	1:105:A:LYS:HD2	1:107:A:LEU:H	2	0.59
(16,1008)	1:105:A:LYS:HD3	1:107:A:LEU:H	2	0.59
(16,944)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	19	0.59
(16,944)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	19	0.59
(16,942)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	2	0.59
(16,942)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	2	0.59
(16,942)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	2	0.59
(16,942)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	2	0.59
(16,664)	1:101:A:ILE:HB	1:103:A:ARG:H	3	0.59
(16,490)	1:98:A:ILE:H	1:105:A:LYS:H	16	0.59
(16,399)	1:105:A:LYS:HD2	1:106:A:ASP:H	16	0.59
(16,399)	1:105:A:LYS:HD3	1:106:A:ASP:H	16	0.59
(16,262)	1:27:A:ARG:HA	1:29:A:LYS:H	18	0.59
(16,221)	1:108:A:GLU:H	1:111:A:GLU:HG3	1	0.59
(16,86)	1:150:A:THR:HA	1:151:A:PHE:H	10	0.59
(16,86)	1:150:A:THR:HA	1:151:A:PHE:H	12	0.59
(15,2457)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	10	0.59
(15,2457)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	10	0.59
(15,2457)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	10	0.59
(15,2457)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	10	0.59
(15,2457)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	10	0.59
(15,2457)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	10	0.59
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG2	11	0.59
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG3	11	0.59
(15,2263)	1:79:A:THR:HG21	1:81:A:GLU:HB2	7	0.59
(15,2263)	1:79:A:THR:HG21	1:81:A:GLU:HB3	7	0.59
(15,2263)	1:79:A:THR:HG22	1:81:A:GLU:HB2	7	0.59
(15,2263)	1:79:A:THR:HG22	1:81:A:GLU:HB3	7	0.59
(15,2263)	1:79:A:THR:HG23	1:81:A:GLU:HB2	7	0.59
(15,2263)	1:79:A:THR:HG23	1:81:A:GLU:HB3	7	0.59
(15,1843)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	17	0.59
(15,1843)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	17	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1664)	1:107:A:LEU:H	1:111:A:GLU:HB2	19	0.59
(15,1664)	1:107:A:LEU:H	1:111:A:GLU:HB3	19	0.59
(15,1578)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	4	0.59
(15,1578)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	4	0.59
(15,1578)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	4	0.59
(15,1257)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	7	0.59
(15,1257)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	7	0.59
(15,1257)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	7	0.59
(15,1257)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	7	0.59
(15,1257)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	7	0.59
(15,1257)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	7	0.59
(15,1257)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	7	0.59
(15,1257)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	7	0.59
(15,1257)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	7	0.59
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	1	0.59
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	1	0.59
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	1	0.59
(15,945)	1:39:A:VAL:HA	1:140:A:LEU:HD11	9	0.59
(15,945)	1:39:A:VAL:HA	1:140:A:LEU:HD12	9	0.59
(15,945)	1:39:A:VAL:HA	1:140:A:LEU:HD13	9	0.59
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	2	0.59
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	2	0.59
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	2	0.59
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	2	0.59
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	2	0.59
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	2	0.59
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	2	0.59
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	2	0.59
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	2	0.59
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	8	0.59
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	8	0.59
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	8	0.59
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	8	0.59
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	8	0.59
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	8	0.59
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	8	0.59
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	8	0.59
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	8	0.59
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	14	0.59
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	14	0.59
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	14	0.59
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	14	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	14	0.59
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	14	0.59
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	14	0.59
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	14	0.59
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	14	0.59
(15,820)	1:98:A:ILE:HD11	1:101:A:ILE:HB	11	0.59
(15,820)	1:98:A:ILE:HD12	1:101:A:ILE:HB	11	0.59
(15,820)	1:98:A:ILE:HD13	1:101:A:ILE:HB	11	0.59
(15,817)	1:98:A:ILE:HD11	1:104:A:PHE:HB2	11	0.59
(15,817)	1:98:A:ILE:HD12	1:104:A:PHE:HB2	11	0.59
(15,817)	1:98:A:ILE:HD13	1:104:A:PHE:HB2	11	0.59
(15,675)	1:63:A:ILE:HG12	1:117:A:VAL:H	8	0.59
(15,585)	1:148:A:CYS:HA	1:150:A:THR:H	10	0.59
(15,540)	1:124:A:THR:H	1:127:A:CYS:HA	2	0.59
(15,487)	1:147:A:ARG:HD2	1:148:A:CYS:H	19	0.59
(15,487)	1:147:A:ARG:HD3	1:148:A:CYS:H	19	0.59
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD21	9	0.59
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD22	9	0.59
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD23	9	0.59
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD21	17	0.59
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD22	17	0.59
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD23	17	0.59
(15,164)	1:127:A:CYS:H	1:128:A:LEU:HG	15	0.59
(15,63)	1:34:A:LYS:H	1:81:A:GLU:H	7	0.59
(15,12)	1:64:A:LYS:H	1:116:A:GLN:HG3	8	0.59
(13,2468)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	10	0.59
(13,2468)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	10	0.59
(13,2468)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	10	0.59
(13,2468)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	10	0.59
(13,2443)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	10	0.59
(13,2443)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	10	0.59
(13,2443)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	10	0.59
(13,2443)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	10	0.59
(13,2443)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	10	0.59
(13,2443)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	10	0.59
(13,2261)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	7	0.59
(13,2261)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	7	0.59
(13,2261)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	7	0.59
(13,2261)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	7	0.59
(13,2261)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	7	0.59
(13,2261)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	7	0.59
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD11	8	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD12	8	0.59
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD13	8	0.59
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD21	8	0.59
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD22	8	0.59
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD23	8	0.59
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	4	0.59
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	4	0.59
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	4	0.59
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	4	0.59
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	4	0.59
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	4	0.59
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	4	0.59
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	4	0.59
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	4	0.59
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	4	0.59
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	4	0.59
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	4	0.59
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	14	0.59
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	14	0.59
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	14	0.59
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	14	0.59
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	14	0.59
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	14	0.59
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	14	0.59
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	14	0.59
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	14	0.59
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	14	0.59
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	14	0.59
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	14	0.59
(13,1825)	1:9:A:PHE:HE1	1:14:A:VAL:HB	4	0.59
(13,1825)	1:9:A:PHE:HE2	1:14:A:VAL:HB	4	0.59
(13,1637)	1:107:A:LEU:H	1:111:A:GLU:HB2	19	0.59
(13,1637)	1:107:A:LEU:H	1:111:A:GLU:HB3	19	0.59
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG21	1	0.59
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG22	1	0.59
(13,1622)	1:50:A:ALA:H	1:134:A:VAL:HG23	1	0.59
(13,1555)	1:98:A:ILE:HG21	1:116:A:GLN:H	10	0.59
(13,1555)	1:98:A:ILE:HG22	1:116:A:GLN:H	10	0.59
(13,1555)	1:98:A:ILE:HG23	1:116:A:GLN:H	10	0.59
(13,1430)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	15	0.59
(13,1430)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	15	0.59
(13,1430)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	15	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1354)	1:103:A:ARG:HD2	1:107:A:LEU:HD11	12	0.59
(13,1354)	1:103:A:ARG:HD2	1:107:A:LEU:HD12	12	0.59
(13,1354)	1:103:A:ARG:HD2	1:107:A:LEU:HD13	12	0.59
(13,1354)	1:103:A:ARG:HD3	1:107:A:LEU:HD11	12	0.59
(13,1354)	1:103:A:ARG:HD3	1:107:A:LEU:HD12	12	0.59
(13,1354)	1:103:A:ARG:HD3	1:107:A:LEU:HD13	12	0.59
(13,857)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	5	0.59
(13,857)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	5	0.59
(13,647)	1:101:A:ILE:HB	1:103:A:ARG:H	3	0.59
(13,527)	1:124:A:THR:H	1:127:A:CYS:HA	2	0.59
(13,492)	1:105:A:LYS:H	1:105:A:LYS:HD2	6	0.59
(13,492)	1:105:A:LYS:H	1:105:A:LYS:HD3	6	0.59
(13,492)	1:105:A:LYS:H	1:105:A:LYS:HD2	9	0.59
(13,492)	1:105:A:LYS:H	1:105:A:LYS:HD3	9	0.59
(13,468)	1:14:A:VAL:H	1:61:A:SER:HA	19	0.59
(13,89)	1:96:A:VAL:H	1:97:A:ASP:H	8	0.59
(13,89)	1:96:A:VAL:H	1:97:A:ASP:H	19	0.59
(11,2418)	1:134:A:VAL:HG11	1:137:A:SER:H	16	0.59
(11,2418)	1:134:A:VAL:HG12	1:137:A:SER:H	16	0.59
(11,2418)	1:134:A:VAL:HG13	1:137:A:SER:H	16	0.59
(11,2418)	1:134:A:VAL:HG21	1:137:A:SER:H	16	0.59
(11,2418)	1:134:A:VAL:HG22	1:137:A:SER:H	16	0.59
(11,2418)	1:134:A:VAL:HG23	1:137:A:SER:H	16	0.59
(11,1941)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	10	0.59
(11,1941)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	10	0.59
(11,1800)	1:97:A:ASP:HA	1:105:A:LYS:HG3	6	0.59
(11,1704)	1:107:A:LEU:H	1:111:A:GLU:HB2	19	0.59
(11,1704)	1:107:A:LEU:H	1:111:A:GLU:HB3	19	0.59
(11,1690)	1:69:A:MET:HA	1:69:A:MET:HE1	1	0.59
(11,1690)	1:69:A:MET:HA	1:69:A:MET:HE2	1	0.59
(11,1690)	1:69:A:MET:HA	1:69:A:MET:HE3	1	0.59
(11,1617)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	6	0.59
(11,1617)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	6	0.59
(11,1617)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	6	0.59
(11,1617)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	6	0.59
(11,1617)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	6	0.59
(11,1617)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	6	0.59
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD11	1	0.59
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD12	1	0.59
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD13	1	0.59
(11,1460)	1:31:A:PRO:HD3	1:144:A:LEU:HA	9	0.59
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	16	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	16	0.59
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	16	0.59
(11,896)	1:73:A:ILE:HB	1:76:A:ARG:HA	18	0.59
(11,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	19	0.59
(11,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	19	0.59
(11,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	19	0.59
(11,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	19	0.59
(11,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	19	0.59
(11,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	19	0.59
(11,657)	1:101:A:ILE:HB	1:103:A:ARG:H	3	0.59
(11,583)	1:128:A:LEU:HD11	1:130:A:GLY:H	3	0.59
(11,583)	1:128:A:LEU:HD12	1:130:A:GLY:H	3	0.59
(11,583)	1:128:A:LEU:HD13	1:130:A:GLY:H	3	0.59
(11,534)	1:124:A:THR:H	1:127:A:CYS:HA	2	0.59
(11,227)	1:44:A:GLU:HG3	1:48:A:ARG:H	3	0.59
(11,227)	1:44:A:GLU:HG3	1:48:A:ARG:H	6	0.59
(11,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	13	0.59
(11,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	13	0.59
(11,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	13	0.59
(11,64)	1:34:A:LYS:H	1:81:A:GLU:H	7	0.59
(9,2239)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	12	0.59
(9,2239)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	12	0.59
(9,2239)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	12	0.59
(9,2239)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	12	0.59
(9,2239)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	12	0.59
(9,2239)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	12	0.59
(9,2239)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	12	0.59
(9,2239)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	12	0.59
(9,2239)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	12	0.59
(9,2239)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	12	0.59
(9,2239)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	12	0.59
(9,2239)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	12	0.59
(9,2239)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	12	0.59
(9,2239)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	12	0.59
(9,2239)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	12	0.59
(9,2239)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	12	0.59
(9,2239)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	12	0.59
(9,2239)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	12	0.59
(9,2238)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	7	0.59
(9,2238)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	7	0.59
(9,2238)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	7	0.59
(9,2238)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	7	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2238)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	7	0.59
(9,2238)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	7	0.59
(9,2200)	1:69:A:MET:HG2	1:109:A:PRO:HA	19	0.59
(9,2200)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.59
(9,2162)	1:60:A:LEU:HG	1:61:A:SER:HB2	10	0.59
(9,2162)	1:60:A:LEU:HG	1:61:A:SER:HB3	10	0.59
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD11	9	0.59
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD12	9	0.59
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD13	9	0.59
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD21	9	0.59
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD22	9	0.59
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD23	9	0.59
(9,1884)	1:104:A:PHE:HE1	1:113:A:PHE:HA	10	0.59
(9,1884)	1:104:A:PHE:HE2	1:113:A:PHE:HA	10	0.59
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB1	11	0.59
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB2	11	0.59
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB3	11	0.59
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB1	11	0.59
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB2	11	0.59
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB3	11	0.59
(9,1729)	1:18:A:PHE:HB2	1:132:A:ALA:HA	7	0.59
(9,1729)	1:18:A:PHE:HB3	1:132:A:ALA:HA	7	0.59
(9,1719)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	4	0.59
(9,1719)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	4	0.59
(9,1719)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	4	0.59
(9,1717)	1:19:A:ALA:HB1	1:21:A:THR:HG21	11	0.59
(9,1717)	1:19:A:ALA:HB1	1:21:A:THR:HG22	11	0.59
(9,1717)	1:19:A:ALA:HB1	1:21:A:THR:HG23	11	0.59
(9,1717)	1:19:A:ALA:HB2	1:21:A:THR:HG21	11	0.59
(9,1717)	1:19:A:ALA:HB2	1:21:A:THR:HG22	11	0.59
(9,1717)	1:19:A:ALA:HB2	1:21:A:THR:HG23	11	0.59
(9,1717)	1:19:A:ALA:HB3	1:21:A:THR:HG21	11	0.59
(9,1717)	1:19:A:ALA:HB3	1:21:A:THR:HG22	11	0.59
(9,1717)	1:19:A:ALA:HB3	1:21:A:THR:HG23	11	0.59
(9,1661)	1:107:A:LEU:H	1:111:A:GLU:HB2	19	0.59
(9,1661)	1:107:A:LEU:H	1:111:A:GLU:HB3	19	0.59
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD2	1	0.59
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD3	1	0.59
(9,1452)	1:13:A:ALA:HB1	1:79:A:THR:HB	13	0.59
(9,1452)	1:13:A:ALA:HB2	1:79:A:THR:HB	13	0.59
(9,1452)	1:13:A:ALA:HB3	1:79:A:THR:HB	13	0.59
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB2	19	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB3	19	0.59
(9,893)	1:20:A:THR:H	1:21:A:THR:HB	8	0.59
(9,858)	1:18:A:PHE:HZ	1:60:A:LEU:HB2	13	0.59
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG11	9	0.59
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG12	9	0.59
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG13	9	0.59
(9,653)	1:101:A:ILE:HB	1:103:A:ARG:H	3	0.59
(9,539)	1:124:A:THR:H	1:127:A:CYS:HA	2	0.59
(9,233)	1:44:A:GLU:HG3	1:48:A:ARG:H	3	0.59
(9,233)	1:44:A:GLU:HG3	1:48:A:ARG:H	6	0.59
(9,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	5	0.59
(9,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	5	0.59
(9,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	5	0.59
(9,90)	1:150:A:THR:HA	1:151:A:PHE:H	10	0.59
(9,90)	1:150:A:THR:HA	1:151:A:PHE:H	12	0.59
(7,2447)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	10	0.59
(7,2447)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	10	0.59
(7,2447)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	10	0.59
(7,2447)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	10	0.59
(7,2447)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	10	0.59
(7,2447)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	10	0.59
(7,2100)	1:40:A:LEU:HA	1:43:A:MET:HG2	9	0.59
(7,2100)	1:40:A:LEU:HA	1:43:A:MET:HG3	9	0.59
(7,2089)	1:39:A:VAL:HG11	1:140:A:LEU:HG	7	0.59
(7,2089)	1:39:A:VAL:HG12	1:140:A:LEU:HG	7	0.59
(7,2089)	1:39:A:VAL:HG13	1:140:A:LEU:HG	7	0.59
(7,2089)	1:39:A:VAL:HG21	1:140:A:LEU:HG	7	0.59
(7,2089)	1:39:A:VAL:HG22	1:140:A:LEU:HG	7	0.59
(7,2089)	1:39:A:VAL:HG23	1:140:A:LEU:HG	7	0.59
(7,1639)	1:107:A:LEU:H	1:111:A:GLU:HB2	19	0.59
(7,1639)	1:107:A:LEU:H	1:111:A:GLU:HB3	19	0.59
(7,1560)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	6	0.59
(7,1560)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	6	0.59
(7,1560)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	6	0.59
(7,1560)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	6	0.59
(7,1560)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	6	0.59
(7,1560)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	6	0.59
(7,1558)	1:98:A:ILE:HG21	1:116:A:GLN:H	10	0.59
(7,1558)	1:98:A:ILE:HG22	1:116:A:GLN:H	10	0.59
(7,1558)	1:98:A:ILE:HG23	1:116:A:GLN:H	10	0.59
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE1	5	0.59
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE2	5	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE3	5	0.59
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE1	5	0.59
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE2	5	0.59
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE3	5	0.59
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE1	5	0.59
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE2	5	0.59
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE3	5	0.59
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	1	0.59
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	1	0.59
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	1	0.59
(7,1437)	1:15:A:ALA:HB1	1:132:A:ALA:HA	13	0.59
(7,1437)	1:15:A:ALA:HB2	1:132:A:ALA:HA	13	0.59
(7,1437)	1:15:A:ALA:HB3	1:132:A:ALA:HA	13	0.59
(7,1436)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	15	0.59
(7,1436)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	15	0.59
(7,1436)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	15	0.59
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	14	0.59
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	14	0.59
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	14	0.59
(7,1237)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	7	0.59
(7,1237)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	7	0.59
(7,1237)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	7	0.59
(7,1237)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	7	0.59
(7,1237)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	7	0.59
(7,1237)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	7	0.59
(7,1237)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	7	0.59
(7,1237)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	7	0.59
(7,1237)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	7	0.59
(7,934)	1:11:A:ILE:HD11	1:12:A:VAL:HA	5	0.59
(7,934)	1:11:A:ILE:HD12	1:12:A:VAL:HA	5	0.59
(7,934)	1:11:A:ILE:HD13	1:12:A:VAL:HA	5	0.59
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG11	9	0.59
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG12	9	0.59
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG13	9	0.59
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	1	0.59
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	1	0.59
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	1	0.59
(7,574)	1:11:A:ILE:HD11	1:16:A:SER:H	19	0.59
(7,574)	1:11:A:ILE:HD12	1:16:A:SER:H	19	0.59
(7,574)	1:11:A:ILE:HD13	1:16:A:SER:H	19	0.59
(7,258)	1:27:A:ARG:HA	1:29:A:LYS:H	18	0.59
(7,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	18	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,107)	1:69:A:MET:H	1:70:A:LYS:HG3	6	0.59
(7,87)	1:150:A:THR:HA	1:151:A:PHE:H	10	0.59
(7,87)	1:150:A:THR:HA	1:151:A:PHE:H	12	0.59
(6,2455)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	10	0.59
(6,2455)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	10	0.59
(6,2455)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	10	0.59
(6,2455)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	10	0.59
(6,2455)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	10	0.59
(6,2455)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	10	0.59
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG2	11	0.59
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG3	11	0.59
(6,2300)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	16	0.59
(6,2300)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	16	0.59
(6,2300)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	16	0.59
(6,2300)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	16	0.59
(6,2300)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	16	0.59
(6,2300)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	16	0.59
(6,2125)	1:40:A:LEU:HA	1:43:A:MET:HG2	9	0.59
(6,2125)	1:40:A:LEU:HA	1:43:A:MET:HG3	9	0.59
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD11	9	0.59
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD12	9	0.59
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD13	9	0.59
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD21	9	0.59
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD22	9	0.59
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD23	9	0.59
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD11	8	0.59
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD12	8	0.59
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD13	8	0.59
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD21	8	0.59
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD22	8	0.59
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD23	8	0.59
(6,1884)	1:14:A:VAL:HA	1:18:A:PHE:HD1	18	0.59
(6,1884)	1:14:A:VAL:HA	1:18:A:PHE:HD2	18	0.59
(6,1862)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	6	0.59
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB1	11	0.59
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB2	11	0.59
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB3	11	0.59
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB1	11	0.59
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB2	11	0.59
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB3	11	0.59
(6,1791)	1:80:A:TYR:HD1	1:81:A:GLU:HA	4	0.59
(6,1791)	1:80:A:TYR:HD2	1:81:A:GLU:HA	4	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1727)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	4	0.59
(6,1727)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	4	0.59
(6,1727)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	4	0.59
(6,1671)	1:107:A:LEU:H	1:111:A:GLU:HB2	19	0.59
(6,1671)	1:107:A:LEU:H	1:111:A:GLU:HB3	19	0.59
(6,1587)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	6	0.59
(6,1587)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	6	0.59
(6,1587)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	6	0.59
(6,1587)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	6	0.59
(6,1587)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	6	0.59
(6,1587)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	6	0.59
(6,1455)	1:15:A:ALA:HB1	1:132:A:ALA:HA	6	0.59
(6,1455)	1:15:A:ALA:HB2	1:132:A:ALA:HA	6	0.59
(6,1455)	1:15:A:ALA:HB3	1:132:A:ALA:HA	6	0.59
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD11	13	0.59
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD12	13	0.59
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD13	13	0.59
(6,1340)	1:17:A:ASN:HA	1:76:A:ARG:HA	16	0.59
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD11	6	0.59
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD12	6	0.59
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD13	6	0.59
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	18	0.59
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	18	0.59
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	18	0.59
(6,889)	1:20:A:THR:H	1:21:A:THR:HB	8	0.59
(6,793)	1:55:A:GLY:H	1:58:A:ILE:HD11	17	0.59
(6,793)	1:55:A:GLY:H	1:58:A:ILE:HD12	17	0.59
(6,793)	1:55:A:GLY:H	1:58:A:ILE:HD13	17	0.59
(6,781)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	11	0.59
(6,781)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	11	0.59
(6,781)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	11	0.59
(6,781)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	11	0.59
(6,781)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	11	0.59
(6,781)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	11	0.59
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	1	0.59
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	1	0.59
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	1	0.59
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	13	0.59
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	13	0.59
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	13	0.59
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	13	0.59
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	13	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	13	0.59
(6,530)	1:124:A:THR:H	1:127:A:CYS:HA	2	0.59
(6,217)	1:44:A:GLU:HG2	1:48:A:ARG:H	18	0.59
(6,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	5	0.59
(6,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	5	0.59
(6,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	5	0.59
(6,89)	1:150:A:THR:HA	1:151:A:PHE:H	10	0.59
(6,89)	1:150:A:THR:HA	1:151:A:PHE:H	12	0.59
(6,38)	1:98:A:ILE:H	1:105:A:LYS:HA	2	0.59
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	2	0.59
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	2	0.59
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	2	0.59
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	2	0.59
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	2	0.59
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	2	0.59
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	2	0.59
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	2	0.59
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	2	0.59
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	2	0.59
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	2	0.59
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	2	0.59
(5,2104)	1:39:A:VAL:HG11	1:140:A:LEU:HG	7	0.59
(5,2104)	1:39:A:VAL:HG12	1:140:A:LEU:HG	7	0.59
(5,2104)	1:39:A:VAL:HG13	1:140:A:LEU:HG	7	0.59
(5,2104)	1:39:A:VAL:HG21	1:140:A:LEU:HG	7	0.59
(5,2104)	1:39:A:VAL:HG22	1:140:A:LEU:HG	7	0.59
(5,2104)	1:39:A:VAL:HG23	1:140:A:LEU:HG	7	0.59
(5,2065)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	5	0.59
(5,2065)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	5	0.59
(5,2065)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	5	0.59
(5,2065)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	5	0.59
(5,2065)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	5	0.59
(5,2065)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	5	0.59
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	15	0.59
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	15	0.59
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	15	0.59
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	15	0.59
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	15	0.59
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	15	0.59
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	15	0.59
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	15	0.59
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	15	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	15	0.59
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	15	0.59
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	15	0.59
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	6	0.59
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	6	0.59
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	6	0.59
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	6	0.59
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	6	0.59
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	6	0.59
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	6	0.59
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	6	0.59
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	6	0.59
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	6	0.59
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	6	0.59
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	6	0.59
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG11	8	0.59
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG12	8	0.59
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG13	8	0.59
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG21	8	0.59
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG22	8	0.59
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG23	8	0.59
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG11	8	0.59
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG12	8	0.59
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG13	8	0.59
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG21	8	0.59
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG22	8	0.59
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG23	8	0.59
(5,1892)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	2	0.59
(5,1892)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	2	0.59
(5,1892)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	14	0.59
(5,1892)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	14	0.59
(5,1790)	1:97:A:ASP:HA	1:105:A:LYS:HG3	6	0.59
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG21	5	0.59
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG22	5	0.59
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG23	5	0.59
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG21	5	0.59
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG22	5	0.59
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG23	5	0.59
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG21	5	0.59
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG22	5	0.59
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG23	5	0.59
(5,1694)	1:110:A:MET:HB3	1:111:A:GLU:HB2	16	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1694)	1:110:A:MET:HB3	1:111:A:GLU:HB3	16	0.59
(5,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	4	0.59
(5,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	4	0.59
(5,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	4	0.59
(5,1536)	1:69:A:MET:HE1	1:113:A:PHE:HE1	5	0.59
(5,1536)	1:69:A:MET:HE1	1:113:A:PHE:HE2	5	0.59
(5,1536)	1:69:A:MET:HE2	1:113:A:PHE:HE1	5	0.59
(5,1536)	1:69:A:MET:HE2	1:113:A:PHE:HE2	5	0.59
(5,1536)	1:69:A:MET:HE3	1:113:A:PHE:HE1	5	0.59
(5,1536)	1:69:A:MET:HE3	1:113:A:PHE:HE2	5	0.59
(5,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	15	0.59
(5,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	15	0.59
(5,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	15	0.59
(5,1459)	1:31:A:PRO:HD3	1:144:A:LEU:HA	9	0.59
(5,1319)	1:66:A:THR:HG21	1:95:A:ILE:HA	18	0.59
(5,1319)	1:66:A:THR:HG22	1:95:A:ILE:HA	18	0.59
(5,1319)	1:66:A:THR:HG23	1:95:A:ILE:HA	18	0.59
(5,1267)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	7	0.59
(5,1267)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	7	0.59
(5,1267)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	7	0.59
(5,1267)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	7	0.59
(5,1267)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	7	0.59
(5,1267)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	7	0.59
(5,1267)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	7	0.59
(5,1267)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	7	0.59
(5,1267)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	7	0.59
(5,1025)	1:113:A:PHE:HA	1:116:A:GLN:HG3	12	0.59
(5,1000)	1:95:A:ILE:HG21	1:105:A:LYS:HB2	9	0.59
(5,1000)	1:95:A:ILE:HG21	1:105:A:LYS:HB3	9	0.59
(5,1000)	1:95:A:ILE:HG22	1:105:A:LYS:HB2	9	0.59
(5,1000)	1:95:A:ILE:HG22	1:105:A:LYS:HB3	9	0.59
(5,1000)	1:95:A:ILE:HG23	1:105:A:LYS:HB2	9	0.59
(5,1000)	1:95:A:ILE:HG23	1:105:A:LYS:HB3	9	0.59
(5,936)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	13	0.59
(5,936)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	13	0.59
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB2	17	0.59
(5,935)	1:112:A:GLN:HG2	1:116:A:GLN:HB3	17	0.59
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB2	17	0.59
(5,935)	1:112:A:GLN:HG3	1:116:A:GLN:HB3	17	0.59
(5,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	19	0.59
(5,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	19	0.59
(5,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	19	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	19	0.59
(5,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	19	0.59
(5,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	19	0.59
(5,487)	1:105:A:LYS:H	1:105:A:LYS:HD2	5	0.59
(5,487)	1:105:A:LYS:H	1:105:A:LYS:HD3	5	0.59
(5,257)	1:27:A:ARG:HB3	1:29:A:LYS:H	12	0.59
(4,2455)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	10	0.59
(4,2455)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	10	0.59
(4,2455)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	10	0.59
(4,2455)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	10	0.59
(4,2455)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	10	0.59
(4,2455)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	10	0.59
(4,2237)	1:69:A:MET:HG2	1:109:A:PRO:HA	19	0.59
(4,2237)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.59
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	15	0.59
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	15	0.59
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	15	0.59
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	15	0.59
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	15	0.59
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	15	0.59
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	15	0.59
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	15	0.59
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	15	0.59
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	15	0.59
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	15	0.59
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	15	0.59
(4,2034)	1:23:A:LEU:HD11	1:24:A:ASP:H	12	0.59
(4,2034)	1:23:A:LEU:HD12	1:24:A:ASP:H	12	0.59
(4,2034)	1:23:A:LEU:HD13	1:24:A:ASP:H	12	0.59
(4,2034)	1:23:A:LEU:HD21	1:24:A:ASP:H	12	0.59
(4,2034)	1:23:A:LEU:HD22	1:24:A:ASP:H	12	0.59
(4,2034)	1:23:A:LEU:HD23	1:24:A:ASP:H	12	0.59
(4,1912)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	15	0.59
(4,1912)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	15	0.59
(4,1764)	1:80:A:TYR:HD1	1:81:A:GLU:HA	4	0.59
(4,1764)	1:80:A:TYR:HD2	1:81:A:GLU:HA	4	0.59
(4,1647)	1:107:A:LEU:H	1:111:A:GLU:HB2	19	0.59
(4,1647)	1:107:A:LEU:H	1:111:A:GLU:HB3	19	0.59
(4,1568)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	6	0.59
(4,1568)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	6	0.59
(4,1568)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	6	0.59
(4,1568)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	6	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1568)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	6	0.59
(4,1568)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	6	0.59
(4,1502)	1:110:A:MET:HE1	1:113:A:PHE:HE1	11	0.59
(4,1502)	1:110:A:MET:HE1	1:113:A:PHE:HE2	11	0.59
(4,1502)	1:110:A:MET:HE2	1:113:A:PHE:HE1	11	0.59
(4,1502)	1:110:A:MET:HE2	1:113:A:PHE:HE2	11	0.59
(4,1502)	1:110:A:MET:HE3	1:113:A:PHE:HE1	11	0.59
(4,1502)	1:110:A:MET:HE3	1:113:A:PHE:HE2	11	0.59
(4,1483)	1:43:A:MET:HE1	1:46:A:ASN:HD22	8	0.59
(4,1483)	1:43:A:MET:HE2	1:46:A:ASN:HD22	8	0.59
(4,1483)	1:43:A:MET:HE3	1:46:A:ASN:HD22	8	0.59
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	19	0.59
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	19	0.59
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	19	0.59
(4,1379)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	5	0.59
(4,1379)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	5	0.59
(4,1379)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	5	0.59
(4,1047)	1:140:A:LEU:H	1:140:A:LEU:HG	4	0.59
(4,918)	1:125:A:THR:HB	1:128:A:LEU:HG	8	0.59
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	1	0.59
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	1	0.59
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	1	0.59
(4,610)	1:23:A:LEU:HD21	1:25:A:ALA:H	15	0.59
(4,610)	1:23:A:LEU:HD22	1:25:A:ALA:H	15	0.59
(4,610)	1:23:A:LEU:HD23	1:25:A:ALA:H	15	0.59
(4,523)	1:124:A:THR:H	1:127:A:CYS:HA	2	0.59
(4,228)	1:10:A:ASN:H	1:13:A:ALA:HB1	11	0.59
(4,228)	1:10:A:ASN:H	1:13:A:ALA:HB2	11	0.59
(4,228)	1:10:A:ASN:H	1:13:A:ALA:HB3	11	0.59
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB2	18	0.59
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB3	18	0.59
(4,90)	1:150:A:THR:HA	1:151:A:PHE:H	10	0.59
(4,90)	1:150:A:THR:HA	1:151:A:PHE:H	12	0.59
(3,2331)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	16	0.59
(3,2331)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	16	0.59
(3,2331)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	16	0.59
(3,2331)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	16	0.59
(3,2331)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	16	0.59
(3,2331)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	16	0.59
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	16	0.59
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	16	0.59
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	16	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	16	0.59
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	16	0.59
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	16	0.59
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	16	0.59
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	16	0.59
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	16	0.59
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	16	0.59
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	16	0.59
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	16	0.59
(3,2138)	1:39:A:VAL:HG11	1:140:A:LEU:HG	7	0.59
(3,2138)	1:39:A:VAL:HG12	1:140:A:LEU:HG	7	0.59
(3,2138)	1:39:A:VAL:HG13	1:140:A:LEU:HG	7	0.59
(3,2138)	1:39:A:VAL:HG21	1:140:A:LEU:HG	7	0.59
(3,2138)	1:39:A:VAL:HG22	1:140:A:LEU:HG	7	0.59
(3,2138)	1:39:A:VAL:HG23	1:140:A:LEU:HG	7	0.59
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	15	0.59
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	15	0.59
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	15	0.59
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	15	0.59
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	15	0.59
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	15	0.59
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	15	0.59
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	15	0.59
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	15	0.59
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	15	0.59
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	15	0.59
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	15	0.59
(3,1949)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	10	0.59
(3,1949)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	10	0.59
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD1	14	0.59
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD2	14	0.59
(3,1813)	1:80:A:TYR:HD1	1:81:A:GLU:HA	4	0.59
(3,1813)	1:80:A:TYR:HD2	1:81:A:GLU:HA	4	0.59
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD21	1	0.59
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD22	1	0.59
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD23	1	0.59
(3,1577)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	16	0.59
(3,1577)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	16	0.59
(3,1577)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	16	0.59
(3,1577)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	16	0.59
(3,1577)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	16	0.59
(3,1577)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	16	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE1	5	0.59
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE2	5	0.59
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE3	5	0.59
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE1	5	0.59
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE2	5	0.59
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE3	5	0.59
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE1	5	0.59
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE2	5	0.59
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE3	5	0.59
(3,1486)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	15	0.59
(3,1486)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	15	0.59
(3,1486)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	15	0.59
(3,1486)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	15	0.59
(3,1486)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	15	0.59
(3,1486)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	15	0.59
(3,1486)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	15	0.59
(3,1486)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	15	0.59
(3,1486)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	15	0.59
(3,1480)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	15	0.59
(3,1480)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	15	0.59
(3,1480)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	15	0.59
(3,1463)	1:31:A:PRO:HD3	1:144:A:LEU:HA	9	0.59
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD11	6	0.59
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD12	6	0.59
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD13	6	0.59
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD11	6	0.59
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD12	6	0.59
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD13	6	0.59
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD11	6	0.59
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD12	6	0.59
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD13	6	0.59
(3,1368)	1:17:A:ASN:HA	1:76:A:ARG:HA	16	0.59
(3,1173)	1:116:A:GLN:HA	1:119:A:LEU:HG	15	0.59
(3,992)	1:31:A:PRO:HB2	1:143:A:TRP:HA	17	0.59
(3,992)	1:31:A:PRO:HB3	1:143:A:TRP:HA	17	0.59
(3,834)	1:98:A:ILE:HD11	1:119:A:LEU:HG	1	0.59
(3,834)	1:98:A:ILE:HD12	1:119:A:LEU:HG	1	0.59
(3,834)	1:98:A:ILE:HD13	1:119:A:LEU:HG	1	0.59
(3,535)	1:124:A:THR:H	1:127:A:CYS:HA	2	0.59
(3,397)	1:105:A:LYS:HD2	1:106:A:ASP:H	16	0.59
(3,397)	1:105:A:LYS:HD3	1:106:A:ASP:H	16	0.59
(3,255)	1:27:A:ARG:HA	1:29:A:LYS:H	18	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,230)	1:44:A:GLU:HG3	1:48:A:ARG:H	3	0.59
(3,230)	1:44:A:GLU:HG3	1:48:A:ARG:H	6	0.59
(3,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	5	0.59
(3,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	5	0.59
(3,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	5	0.59
(3,89)	1:150:A:THR:HA	1:151:A:PHE:H	10	0.59
(3,89)	1:150:A:THR:HA	1:151:A:PHE:H	12	0.59
(2,2227)	1:60:A:LEU:HG	1:61:A:SER:HB2	10	0.59
(2,2227)	1:60:A:LEU:HG	1:61:A:SER:HB3	10	0.59
(2,2076)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	8	0.59
(2,2076)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	8	0.59
(2,2076)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	8	0.59
(2,2076)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	8	0.59
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	15	0.59
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	15	0.59
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	15	0.59
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	15	0.59
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	15	0.59
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	15	0.59
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	15	0.59
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	15	0.59
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	15	0.59
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	15	0.59
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	15	0.59
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	15	0.59
(2,2054)	1:23:A:LEU:HD11	1:24:A:ASP:H	16	0.59
(2,2054)	1:23:A:LEU:HD12	1:24:A:ASP:H	16	0.59
(2,2054)	1:23:A:LEU:HD13	1:24:A:ASP:H	16	0.59
(2,2054)	1:23:A:LEU:HD21	1:24:A:ASP:H	16	0.59
(2,2054)	1:23:A:LEU:HD22	1:24:A:ASP:H	16	0.59
(2,2054)	1:23:A:LEU:HD23	1:24:A:ASP:H	16	0.59
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD11	1	0.59
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD12	1	0.59
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD13	1	0.59
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD21	1	0.59
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD22	1	0.59
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD23	1	0.59
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE1	3	0.59
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE2	3	0.59
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE3	3	0.59
(2,1640)	1:10:A:ASN:HB3	1:61:A:SER:HA	3	0.59
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE1	13	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE2	13	0.59
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE3	13	0.59
(2,1470)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	13	0.59
(2,1470)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	13	0.59
(2,1470)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	13	0.59
(2,1345)	1:17:A:ASN:HA	1:76:A:ARG:HA	16	0.59
(2,1250)	1:23:A:LEU:HD11	1:24:A:ASP:H	1	0.59
(2,1250)	1:23:A:LEU:HD12	1:24:A:ASP:H	1	0.59
(2,1250)	1:23:A:LEU:HD13	1:24:A:ASP:H	1	0.59
(2,1116)	1:40:A:LEU:HA	1:43:A:MET:HG3	8	0.59
(2,981)	1:105:A:LYS:HD2	1:107:A:LEU:H	15	0.59
(2,981)	1:105:A:LYS:HD3	1:107:A:LEU:H	15	0.59
(2,834)	1:103:A:ARG:HA	1:103:A:ARG:HD2	10	0.59
(2,834)	1:103:A:ARG:HA	1:103:A:ARG:HD3	10	0.59
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG11	9	0.59
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG12	9	0.59
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG13	9	0.59
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	1	0.59
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	1	0.59
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	1	0.59
(2,617)	1:23:A:LEU:HD21	1:25:A:ALA:H	15	0.59
(2,617)	1:23:A:LEU:HD22	1:25:A:ALA:H	15	0.59
(2,617)	1:23:A:LEU:HD23	1:25:A:ALA:H	15	0.59
(2,580)	1:126:A:GLY:H	1:129:A:LYS:HG2	1	0.59
(2,509)	1:70:A:LYS:HE2	1:71:A:LYS:H	8	0.59
(2,509)	1:70:A:LYS:HE3	1:71:A:LYS:H	8	0.59
(2,479)	1:145:A:PRO:HB2	1:148:A:CYS:H	3	0.59
(2,261)	1:27:A:ARG:HB3	1:29:A:LYS:H	12	0.59
(2,155)	1:127:A:CYS:H	1:128:A:LEU:HG	15	0.59
(2,89)	1:96:A:VAL:H	1:97:A:ASP:H	8	0.59
(2,89)	1:96:A:VAL:H	1:97:A:ASP:H	19	0.59
(1,2426)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	10	0.59
(1,2426)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	10	0.59
(1,2426)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	10	0.59
(1,2426)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	10	0.59
(1,2426)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	10	0.59
(1,2426)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	10	0.59
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	16	0.59
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	16	0.59
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	16	0.59
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	16	0.59
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	16	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	16	0.59
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	16	0.59
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	16	0.59
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	16	0.59
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	16	0.59
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	16	0.59
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	16	0.59
(1,2254)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	9	0.59
(1,2254)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	9	0.59
(1,2208)	1:65:A:CYS:HB2	1:69:A:MET:HE1	8	0.59
(1,2208)	1:65:A:CYS:HB2	1:69:A:MET:HE2	8	0.59
(1,2208)	1:65:A:CYS:HB2	1:69:A:MET:HE3	8	0.59
(1,2208)	1:65:A:CYS:HB3	1:69:A:MET:HE1	8	0.59
(1,2208)	1:65:A:CYS:HB3	1:69:A:MET:HE2	8	0.59
(1,2208)	1:65:A:CYS:HB3	1:69:A:MET:HE3	8	0.59
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD11	8	0.59
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD12	8	0.59
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD13	8	0.59
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD21	8	0.59
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD22	8	0.59
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD23	8	0.59
(1,2027)	1:23:A:LEU:HD11	1:26:A:ASP:HA	10	0.59
(1,2027)	1:23:A:LEU:HD12	1:26:A:ASP:HA	10	0.59
(1,2027)	1:23:A:LEU:HD13	1:26:A:ASP:HA	10	0.59
(1,2027)	1:23:A:LEU:HD21	1:26:A:ASP:HA	10	0.59
(1,2027)	1:23:A:LEU:HD22	1:26:A:ASP:HA	10	0.59
(1,2027)	1:23:A:LEU:HD23	1:26:A:ASP:HA	10	0.59
(1,1934)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	10	0.59
(1,1934)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	10	0.59
(1,1880)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	2	0.59
(1,1880)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	2	0.59
(1,1880)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	14	0.59
(1,1880)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	14	0.59
(1,1856)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	16	0.59
(1,1856)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	16	0.59
(1,1856)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	16	0.59
(1,1796)	1:80:A:TYR:HD1	1:81:A:GLU:HA	4	0.59
(1,1796)	1:80:A:TYR:HD2	1:81:A:GLU:HA	4	0.59
(1,1684)	1:110:A:MET:HB3	1:111:A:GLU:HB2	16	0.59
(1,1684)	1:110:A:MET:HB3	1:111:A:GLU:HB3	16	0.59
(1,1681)	1:107:A:LEU:H	1:111:A:GLU:HB2	19	0.59
(1,1681)	1:107:A:LEU:H	1:111:A:GLU:HB3	19	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	4	0.59
(1,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	4	0.59
(1,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	4	0.59
(1,1591)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	3	0.59
(1,1591)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	3	0.59
(1,1591)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	3	0.59
(1,1534)	1:110:A:MET:HE1	1:113:A:PHE:HE1	11	0.59
(1,1534)	1:110:A:MET:HE1	1:113:A:PHE:HE2	11	0.59
(1,1534)	1:110:A:MET:HE2	1:113:A:PHE:HE1	11	0.59
(1,1534)	1:110:A:MET:HE2	1:113:A:PHE:HE2	11	0.59
(1,1534)	1:110:A:MET:HE3	1:113:A:PHE:HE1	11	0.59
(1,1534)	1:110:A:MET:HE3	1:113:A:PHE:HE2	11	0.59
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE1	5	0.59
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE2	5	0.59
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE3	5	0.59
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE1	5	0.59
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE2	5	0.59
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE3	5	0.59
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE1	5	0.59
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE2	5	0.59
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE3	5	0.59
(1,1468)	1:14:A:VAL:HB	1:15:A:ALA:HB1	8	0.59
(1,1468)	1:14:A:VAL:HB	1:15:A:ALA:HB2	8	0.59
(1,1468)	1:14:A:VAL:HB	1:15:A:ALA:HB3	8	0.59
(1,1468)	1:14:A:VAL:HB	1:15:A:ALA:HB1	14	0.59
(1,1468)	1:14:A:VAL:HB	1:15:A:ALA:HB2	14	0.59
(1,1468)	1:14:A:VAL:HB	1:15:A:ALA:HB3	14	0.59
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	14	0.59
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	14	0.59
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	14	0.59
(1,1260)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	7	0.59
(1,1260)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	7	0.59
(1,1260)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	7	0.59
(1,1260)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	7	0.59
(1,1260)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	7	0.59
(1,1260)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	7	0.59
(1,1260)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	7	0.59
(1,1260)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	7	0.59
(1,1260)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	7	0.59
(1,1136)	1:40:A:LEU:HA	1:43:A:MET:HG3	8	0.59
(1,1096)	1:48:A:ARG:HG2	1:49:A:LYS:HA	12	0.59
(1,1096)	1:48:A:ARG:HG3	1:49:A:LYS:HA	12	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1095)	1:45:A:ALA:HA	1:48:A:ARG:HG2	5	0.59
(1,1095)	1:45:A:ALA:HA	1:48:A:ARG:HG3	5	0.59
(1,984)	1:11:A:ILE:HD11	1:43:A:MET:HB3	14	0.59
(1,984)	1:11:A:ILE:HD12	1:43:A:MET:HB3	14	0.59
(1,984)	1:11:A:ILE:HD13	1:43:A:MET:HB3	14	0.59
(1,968)	1:11:A:ILE:HD11	1:12:A:VAL:HA	5	0.59
(1,968)	1:11:A:ILE:HD12	1:12:A:VAL:HA	5	0.59
(1,968)	1:11:A:ILE:HD13	1:12:A:VAL:HA	5	0.59
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	2	0.59
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	2	0.59
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	2	0.59
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	2	0.59
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	2	0.59
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	2	0.59
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	2	0.59
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	2	0.59
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	2	0.59
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	8	0.59
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	8	0.59
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	8	0.59
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	8	0.59
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	8	0.59
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	8	0.59
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	8	0.59
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	8	0.59
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	8	0.59
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	14	0.59
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	14	0.59
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	14	0.59
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	14	0.59
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	14	0.59
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	14	0.59
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	14	0.59
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	14	0.59
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	14	0.59
(1,832)	1:98:A:ILE:HD11	1:101:A:ILE:HB	1	0.59
(1,832)	1:98:A:ILE:HD12	1:101:A:ILE:HB	1	0.59
(1,832)	1:98:A:ILE:HD13	1:101:A:ILE:HB	1	0.59
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG11	9	0.59
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG12	9	0.59
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG13	9	0.59
(1,535)	1:124:A:THR:H	1:127:A:CYS:HA	2	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,169)	1:50:A:ALA:HB1	1:127:A:CYS:H	13	0.59
(1,169)	1:50:A:ALA:HB2	1:127:A:CYS:H	13	0.59
(1,169)	1:50:A:ALA:HB3	1:127:A:CYS:H	13	0.59
(1,93)	1:150:A:THR:HA	1:151:A:PHE:H	10	0.59
(1,93)	1:150:A:THR:HA	1:151:A:PHE:H	12	0.59
(34,2069)	1:34:A:LYS:H	1:81:A:GLU:HB2	9	0.58
(34,2069)	1:34:A:LYS:H	1:81:A:GLU:HB3	9	0.58
(34,1921)	1:58:A:ILE:HA	1:62:A:HIS:HE1	6	0.58
(34,1913)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	7	0.58
(34,1913)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	7	0.58
(34,1913)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	7	0.58
(34,1913)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	7	0.58
(34,1913)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	7	0.58
(34,1913)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	7	0.58
(34,1586)	1:11:A:ILE:HD11	1:43:A:MET:HB2	14	0.58
(34,1586)	1:11:A:ILE:HD12	1:43:A:MET:HB2	14	0.58
(34,1586)	1:11:A:ILE:HD13	1:43:A:MET:HB2	14	0.58
(34,1529)	1:11:A:ILE:HG21	1:43:A:MET:HE1	4	0.58
(34,1529)	1:11:A:ILE:HG21	1:43:A:MET:HE2	4	0.58
(34,1529)	1:11:A:ILE:HG21	1:43:A:MET:HE3	4	0.58
(34,1529)	1:11:A:ILE:HG22	1:43:A:MET:HE1	4	0.58
(34,1529)	1:11:A:ILE:HG22	1:43:A:MET:HE2	4	0.58
(34,1529)	1:11:A:ILE:HG22	1:43:A:MET:HE3	4	0.58
(34,1529)	1:11:A:ILE:HG23	1:43:A:MET:HE1	4	0.58
(34,1529)	1:11:A:ILE:HG23	1:43:A:MET:HE2	4	0.58
(34,1529)	1:11:A:ILE:HG23	1:43:A:MET:HE3	4	0.58
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE1	3	0.58
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE2	3	0.58
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE3	3	0.58
(34,1503)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	9	0.58
(34,1503)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	9	0.58
(34,1503)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	9	0.58
(34,1503)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	9	0.58
(34,1503)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	9	0.58
(34,1503)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	9	0.58
(34,1248)	1:34:A:LYS:H	1:81:A:GLU:HA	15	0.58
(34,903)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	8	0.58
(34,903)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	8	0.58
(34,903)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	8	0.58
(34,901)	1:113:A:PHE:HB2	1:114:A:ILE:HD11	6	0.58
(34,901)	1:113:A:PHE:HB2	1:114:A:ILE:HD12	6	0.58
(34,901)	1:113:A:PHE:HB2	1:114:A:ILE:HD13	6	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,899)	1:151:A:PHE:H	1:151:A:PHE:HB3	5	0.58
(34,874)	1:56:A:CYS:H	1:122:A:ASP:HB3	16	0.58
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG11	17	0.58
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG12	17	0.58
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG13	17	0.58
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG11	19	0.58
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG12	19	0.58
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG13	19	0.58
(34,552)	1:60:A:LEU:HD21	1:61:A:SER:H	3	0.58
(34,552)	1:60:A:LEU:HD22	1:61:A:SER:H	3	0.58
(34,552)	1:60:A:LEU:HD23	1:61:A:SER:H	3	0.58
(34,505)	1:97:A:ASP:HB2	1:105:A:LYS:H	7	0.58
(34,505)	1:97:A:ASP:HB3	1:105:A:LYS:H	7	0.58
(34,90)	1:150:A:THR:HA	1:151:A:PHE:H	13	0.58
(33,2243)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	8	0.58
(33,2243)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	8	0.58
(33,2243)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	8	0.58
(33,2243)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	8	0.58
(33,2233)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	7	0.58
(33,2233)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	7	0.58
(33,2233)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	7	0.58
(33,2233)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	7	0.58
(33,2215)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	17	0.58
(33,2215)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	17	0.58
(33,2215)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	17	0.58
(33,2215)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	17	0.58
(33,2215)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	17	0.58
(33,2215)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	17	0.58
(33,2215)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	17	0.58
(33,2215)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	17	0.58
(33,2215)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	17	0.58
(33,2215)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	17	0.58
(33,2215)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	17	0.58
(33,2215)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	17	0.58
(33,2215)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	17	0.58
(33,2215)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	17	0.58
(33,2215)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	17	0.58
(33,2215)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	17	0.58
(33,2215)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	17	0.58
(33,2215)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	17	0.58
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	11	0.58
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	11	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	11	0.58
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD21	11	0.58
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD22	11	0.58
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD23	11	0.58
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	2	0.58
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	2	0.58
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	2	0.58
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	2	0.58
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	2	0.58
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	2	0.58
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	14	0.58
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	14	0.58
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	14	0.58
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	14	0.58
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	14	0.58
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	14	0.58
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	14	0.58
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	14	0.58
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	14	0.58
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	14	0.58
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	14	0.58
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	14	0.58
(33,1877)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	2	0.58
(33,1877)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	2	0.58
(33,1841)	1:13:A:ALA:HA	1:80:A:TYR:HE1	18	0.58
(33,1841)	1:13:A:ALA:HA	1:80:A:TYR:HE2	18	0.58
(33,1731)	1:18:A:PHE:HB3	1:132:A:ALA:HA	7	0.58
(33,1731)	1:18:A:PHE:HB2	1:132:A:ALA:HA	7	0.58
(33,1677)	1:69:A:MET:HG3	1:109:A:PRO:HA	5	0.58
(33,1588)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	13	0.58
(33,1588)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	13	0.58
(33,1588)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	13	0.58
(33,1558)	1:11:A:ILE:HD11	1:43:A:MET:HB2	14	0.58
(33,1558)	1:11:A:ILE:HD12	1:43:A:MET:HB2	14	0.58
(33,1558)	1:11:A:ILE:HD13	1:43:A:MET:HB2	14	0.58
(33,1506)	1:11:A:ILE:HG21	1:43:A:MET:HE1	4	0.58
(33,1506)	1:11:A:ILE:HG21	1:43:A:MET:HE2	4	0.58
(33,1506)	1:11:A:ILE:HG21	1:43:A:MET:HE3	4	0.58
(33,1506)	1:11:A:ILE:HG22	1:43:A:MET:HE1	4	0.58
(33,1506)	1:11:A:ILE:HG22	1:43:A:MET:HE2	4	0.58
(33,1506)	1:11:A:ILE:HG22	1:43:A:MET:HE3	4	0.58
(33,1506)	1:11:A:ILE:HG23	1:43:A:MET:HE1	4	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1506)	1:11:A:ILE:HG23	1:43:A:MET:HE2	4	0.58
(33,1506)	1:11:A:ILE:HG23	1:43:A:MET:HE3	4	0.58
(33,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	9	0.58
(33,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	9	0.58
(33,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	9	0.58
(33,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	9	0.58
(33,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	9	0.58
(33,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	9	0.58
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG11	5	0.58
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG12	5	0.58
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG13	5	0.58
(33,1107)	1:41:A:LYS:HA	1:44:A:GLU:HG2	10	0.58
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG11	17	0.58
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG12	17	0.58
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG13	17	0.58
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG11	19	0.58
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG12	19	0.58
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG13	19	0.58
(33,668)	1:63:A:ILE:HG12	1:117:A:VAL:H	13	0.58
(33,508)	1:70:A:LYS:HE2	1:71:A:LYS:H	8	0.58
(33,508)	1:70:A:LYS:HE3	1:71:A:LYS:H	8	0.58
(33,93)	1:150:A:THR:HA	1:151:A:PHE:H	13	0.58
(32,2208)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	17	0.58
(32,2208)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	17	0.58
(32,2208)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	17	0.58
(32,2208)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	17	0.58
(32,2208)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	17	0.58
(32,2208)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	17	0.58
(32,2208)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	17	0.58
(32,2208)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	17	0.58
(32,2208)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	17	0.58
(32,2208)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	17	0.58
(32,2208)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	17	0.58
(32,2208)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	17	0.58
(32,2208)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	17	0.58
(32,2208)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	17	0.58
(32,2208)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	17	0.58
(32,2208)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	17	0.58
(32,2208)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	17	0.58
(32,2208)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	17	0.58
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG11	12	0.58
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG12	12	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG13	12	0.58
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG21	12	0.58
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG22	12	0.58
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG23	12	0.58
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG11	12	0.58
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG12	12	0.58
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG13	12	0.58
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG21	12	0.58
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG22	12	0.58
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG23	12	0.58
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG11	12	0.58
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG12	12	0.58
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG13	12	0.58
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG21	12	0.58
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG22	12	0.58
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG23	12	0.58
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD11	6	0.58
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD12	6	0.58
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD13	6	0.58
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD21	6	0.58
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD22	6	0.58
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD23	6	0.58
(32,1993)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	17	0.58
(32,1993)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	17	0.58
(32,1993)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	17	0.58
(32,1993)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	17	0.58
(32,1993)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	17	0.58
(32,1993)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	17	0.58
(32,1993)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	17	0.58
(32,1993)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	17	0.58
(32,1993)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	17	0.58
(32,1993)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	17	0.58
(32,1993)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	17	0.58
(32,1993)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	17	0.58
(32,1801)	1:143:A:TRP:HA	1:143:A:TRP:HE3	9	0.58
(32,1724)	1:141:A:LYS:HA	1:149:A:ALA:H	18	0.58
(32,1666)	1:67:A:PRO:HD3	1:96:A:VAL:HG11	19	0.58
(32,1666)	1:67:A:PRO:HD3	1:96:A:VAL:HG12	19	0.58
(32,1666)	1:67:A:PRO:HD3	1:96:A:VAL:HG13	19	0.58
(32,1546)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	13	0.58
(32,1546)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	13	0.58
(32,1546)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	13	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1530)	1:11:A:ILE:HD11	1:43:A:MET:HB2	14	0.58
(32,1530)	1:11:A:ILE:HD12	1:43:A:MET:HB2	14	0.58
(32,1530)	1:11:A:ILE:HD13	1:43:A:MET:HB2	14	0.58
(32,1473)	1:11:A:ILE:HG21	1:43:A:MET:HE1	4	0.58
(32,1473)	1:11:A:ILE:HG21	1:43:A:MET:HE2	4	0.58
(32,1473)	1:11:A:ILE:HG21	1:43:A:MET:HE3	4	0.58
(32,1473)	1:11:A:ILE:HG22	1:43:A:MET:HE1	4	0.58
(32,1473)	1:11:A:ILE:HG22	1:43:A:MET:HE2	4	0.58
(32,1473)	1:11:A:ILE:HG22	1:43:A:MET:HE3	4	0.58
(32,1473)	1:11:A:ILE:HG23	1:43:A:MET:HE1	4	0.58
(32,1473)	1:11:A:ILE:HG23	1:43:A:MET:HE2	4	0.58
(32,1473)	1:11:A:ILE:HG23	1:43:A:MET:HE3	4	0.58
(32,1423)	1:15:A:ALA:HB1	1:132:A:ALA:HA	10	0.58
(32,1423)	1:15:A:ALA:HB2	1:132:A:ALA:HA	10	0.58
(32,1423)	1:15:A:ALA:HB3	1:132:A:ALA:HA	10	0.58
(32,1327)	1:119:A:LEU:HA	1:121:A:VAL:HG11	12	0.58
(32,1327)	1:119:A:LEU:HA	1:121:A:VAL:HG12	12	0.58
(32,1327)	1:119:A:LEU:HA	1:121:A:VAL:HG13	12	0.58
(32,1190)	1:34:A:LYS:H	1:81:A:GLU:HA	15	0.58
(32,1084)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	18	0.58
(32,1084)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	18	0.58
(32,823)	1:43:A:MET:HE1	1:131:A:LEU:HB3	12	0.58
(32,823)	1:43:A:MET:HE2	1:131:A:LEU:HB3	12	0.58
(32,823)	1:43:A:MET:HE3	1:131:A:LEU:HB3	12	0.58
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	17	0.58
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	17	0.58
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	17	0.58
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	17	0.58
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	17	0.58
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	17	0.58
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	17	0.58
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	17	0.58
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	17	0.58
(32,84)	1:150:A:THR:HA	1:151:A:PHE:H	13	0.58
(30,2425)	1:136:A:CYS:HB2	1:141:A:LYS:H	10	0.58
(30,2425)	1:136:A:CYS:HB3	1:141:A:LYS:H	10	0.58
(30,2330)	1:105:A:LYS:H	1:105:A:LYS:HG2	10	0.58
(30,2330)	1:105:A:LYS:H	1:105:A:LYS:HG3	10	0.58
(30,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	18	0.58
(30,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	18	0.58
(30,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	18	0.58
(30,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	18	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	18	0.58
(30,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	18	0.58
(30,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	18	0.58
(30,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	18	0.58
(30,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	18	0.58
(30,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	18	0.58
(30,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	18	0.58
(30,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	18	0.58
(30,2084)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	5	0.58
(30,2084)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	5	0.58
(30,2084)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	5	0.58
(30,2084)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	5	0.58
(30,2084)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	5	0.58
(30,2084)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	5	0.58
(30,2082)	1:35:A:LEU:HD11	1:143:A:TRP:HA	2	0.58
(30,2082)	1:35:A:LEU:HD12	1:143:A:TRP:HA	2	0.58
(30,2082)	1:35:A:LEU:HD13	1:143:A:TRP:HA	2	0.58
(30,2082)	1:35:A:LEU:HD21	1:143:A:TRP:HA	2	0.58
(30,2082)	1:35:A:LEU:HD22	1:143:A:TRP:HA	2	0.58
(30,2082)	1:35:A:LEU:HD23	1:143:A:TRP:HA	2	0.58
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE1	9	0.58
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE2	9	0.58
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE3	9	0.58
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE1	9	0.58
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE2	9	0.58
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE3	9	0.58
(30,1907)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	7	0.58
(30,1907)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	7	0.58
(30,1907)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	7	0.58
(30,1907)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	7	0.58
(30,1907)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	7	0.58
(30,1907)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	7	0.58
(30,1857)	1:9:A:PHE:HZ	1:11:A:ILE:HA	12	0.58
(30,1727)	1:79:A:THR:HG21	1:81:A:GLU:HB3	14	0.58
(30,1727)	1:79:A:THR:HG22	1:81:A:GLU:HB3	14	0.58
(30,1727)	1:79:A:THR:HG23	1:81:A:GLU:HB3	14	0.58
(30,1727)	1:79:A:THR:HG21	1:81:A:GLU:HB2	14	0.58
(30,1727)	1:79:A:THR:HG22	1:81:A:GLU:HB2	14	0.58
(30,1727)	1:79:A:THR:HG23	1:81:A:GLU:HB2	14	0.58
(30,1716)	1:67:A:PRO:HD3	1:96:A:VAL:HG11	19	0.58
(30,1716)	1:67:A:PRO:HD3	1:96:A:VAL:HG12	19	0.58
(30,1716)	1:67:A:PRO:HD3	1:96:A:VAL:HG13	19	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1657)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	15	0.58
(30,1657)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	15	0.58
(30,1657)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	15	0.58
(30,1646)	1:134:A:VAL:HG21	1:137:A:SER:H	13	0.58
(30,1646)	1:134:A:VAL:HG22	1:137:A:SER:H	13	0.58
(30,1646)	1:134:A:VAL:HG23	1:137:A:SER:H	13	0.58
(30,1601)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	13	0.58
(30,1601)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	13	0.58
(30,1601)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	13	0.58
(30,1571)	1:11:A:ILE:HD11	1:43:A:MET:HB2	14	0.58
(30,1571)	1:11:A:ILE:HD12	1:43:A:MET:HB2	14	0.58
(30,1571)	1:11:A:ILE:HD13	1:43:A:MET:HB2	14	0.58
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD21	10	0.58
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD22	10	0.58
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD23	10	0.58
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	13	0.58
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	13	0.58
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	13	0.58
(30,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG11	12	0.58
(30,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG12	12	0.58
(30,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG13	12	0.58
(30,1262)	1:113:A:PHE:HE1	1:117:A:VAL:HG21	2	0.58
(30,1262)	1:113:A:PHE:HE1	1:117:A:VAL:HG22	2	0.58
(30,1262)	1:113:A:PHE:HE1	1:117:A:VAL:HG23	2	0.58
(30,1262)	1:113:A:PHE:HE2	1:117:A:VAL:HG21	2	0.58
(30,1262)	1:113:A:PHE:HE2	1:117:A:VAL:HG22	2	0.58
(30,1262)	1:113:A:PHE:HE2	1:117:A:VAL:HG23	2	0.58
(30,1219)	1:34:A:LYS:H	1:81:A:GLU:HA	15	0.58
(30,1087)	1:136:A:CYS:HB3	1:141:A:LYS:HA	17	0.58
(30,1059)	1:54:A:ARG:HA	1:58:A:ILE:HG13	1	0.58
(30,954)	1:15:A:ALA:HB1	1:43:A:MET:HB2	1	0.58
(30,954)	1:15:A:ALA:HB2	1:43:A:MET:HB2	1	0.58
(30,954)	1:15:A:ALA:HB3	1:43:A:MET:HB2	1	0.58
(30,881)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	8	0.58
(30,881)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	8	0.58
(30,881)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	8	0.58
(30,870)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	13	0.58
(30,870)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	13	0.58
(30,870)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	13	0.58
(30,836)	1:103:A:ARG:HA	1:103:A:ARG:HD2	18	0.58
(30,836)	1:103:A:ARG:HA	1:103:A:ARG:HD3	18	0.58
(30,704)	1:23:A:LEU:HD21	1:27:A:ARG:HE	14	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,704)	1:23:A:LEU:HD22	1:27:A:ARG:HE	14	0.58
(30,704)	1:23:A:LEU:HD23	1:27:A:ARG:HE	14	0.58
(30,629)	1:9:A:PHE:HZ	1:58:A:ILE:H	3	0.58
(30,90)	1:150:A:THR:HA	1:151:A:PHE:H	13	0.58
(29,2214)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	17	0.58
(29,2214)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	17	0.58
(29,2214)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	17	0.58
(29,2214)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	17	0.58
(29,2214)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	17	0.58
(29,2214)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	17	0.58
(29,2214)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	17	0.58
(29,2214)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	17	0.58
(29,2214)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	17	0.58
(29,2214)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	17	0.58
(29,2214)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	17	0.58
(29,2214)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	17	0.58
(29,2214)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	17	0.58
(29,2214)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	17	0.58
(29,2214)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	17	0.58
(29,2214)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	17	0.58
(29,2214)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	17	0.58
(29,2214)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	17	0.58
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD11	6	0.58
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD12	6	0.58
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD13	6	0.58
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD21	6	0.58
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD22	6	0.58
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD23	6	0.58
(29,2043)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	17	0.58
(29,2043)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	17	0.58
(29,2043)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	17	0.58
(29,2043)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	17	0.58
(29,2043)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	17	0.58
(29,2043)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	17	0.58
(29,2043)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	17	0.58
(29,2043)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	17	0.58
(29,2043)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	17	0.58
(29,2043)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	17	0.58
(29,2043)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	17	0.58
(29,2043)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	17	0.58
(29,1990)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	15	0.58
(29,1990)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	15	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1990)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	15	0.58
(29,1990)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	15	0.58
(29,1990)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	15	0.58
(29,1990)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	15	0.58
(29,1990)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	15	0.58
(29,1990)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	15	0.58
(29,1990)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	15	0.58
(29,1990)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	15	0.58
(29,1990)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	15	0.58
(29,1990)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	15	0.58
(29,1990)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	15	0.58
(29,1990)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	15	0.58
(29,1990)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	15	0.58
(29,1990)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	15	0.58
(29,1990)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	15	0.58
(29,1990)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	15	0.58
(29,1946)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	14	0.58
(29,1946)	1:9:A:PHE:HD1	1:11:A:ILE:HG13	14	0.58
(29,1946)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	14	0.58
(29,1946)	1:9:A:PHE:HD2	1:11:A:ILE:HG13	14	0.58
(29,1895)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	2	0.58
(29,1895)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	2	0.58
(29,1893)	1:14:A:VAL:HA	1:18:A:PHE:HD1	6	0.58
(29,1893)	1:14:A:VAL:HA	1:18:A:PHE:HD2	6	0.58
(29,1741)	1:79:A:THR:HG21	1:81:A:GLU:HG2	19	0.58
(29,1741)	1:79:A:THR:HG21	1:81:A:GLU:HG3	19	0.58
(29,1741)	1:79:A:THR:HG22	1:81:A:GLU:HG2	19	0.58
(29,1741)	1:79:A:THR:HG22	1:81:A:GLU:HG3	19	0.58
(29,1741)	1:79:A:THR:HG23	1:81:A:GLU:HG2	19	0.58
(29,1741)	1:79:A:THR:HG23	1:81:A:GLU:HG3	19	0.58
(29,1663)	1:134:A:VAL:HG21	1:137:A:SER:H	13	0.58
(29,1663)	1:134:A:VAL:HG22	1:137:A:SER:H	13	0.58
(29,1663)	1:134:A:VAL:HG23	1:137:A:SER:H	13	0.58
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	1	0.58
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	1	0.58
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	1	0.58
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	1	0.58
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	1	0.58
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	1	0.58
(29,1582)	1:11:A:ILE:HD11	1:43:A:MET:HB2	14	0.58
(29,1582)	1:11:A:ILE:HD12	1:43:A:MET:HB2	14	0.58
(29,1582)	1:11:A:ILE:HD13	1:43:A:MET:HB2	14	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE1	4	0.58
(29,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE2	4	0.58
(29,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE3	4	0.58
(29,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE1	4	0.58
(29,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE2	4	0.58
(29,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE3	4	0.58
(29,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE1	4	0.58
(29,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE2	4	0.58
(29,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE3	4	0.58
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG21	3	0.58
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG22	3	0.58
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG23	3	0.58
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD11	19	0.58
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD12	19	0.58
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD13	19	0.58
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD11	19	0.58
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD12	19	0.58
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD13	19	0.58
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD11	19	0.58
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD12	19	0.58
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD13	19	0.58
(29,1219)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	7	0.58
(29,1219)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	7	0.58
(29,1219)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	7	0.58
(29,1180)	1:140:A:LEU:HD21	1:144:A:LEU:H	14	0.58
(29,1180)	1:140:A:LEU:HD22	1:144:A:LEU:H	14	0.58
(29,1180)	1:140:A:LEU:HD23	1:144:A:LEU:H	14	0.58
(29,1122)	1:41:A:LYS:HA	1:44:A:GLU:HG2	10	0.58
(29,1040)	1:8:A:ASP:H	1:58:A:ILE:HG12	8	0.58
(29,1035)	1:113:A:PHE:HA	1:116:A:GLN:HG3	2	0.58
(29,1031)	1:34:A:LYS:H	1:81:A:GLU:HB3	8	0.58
(29,898)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	8	0.58
(29,898)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	8	0.58
(29,898)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	8	0.58
(29,532)	1:71:A:LYS:HG3	1:72:A:PHE:H	2	0.58
(29,532)	1:71:A:LYS:HG3	1:72:A:PHE:H	16	0.58
(29,431)	1:39:A:VAL:HG21	1:143:A:TRP:H	1	0.58
(29,431)	1:39:A:VAL:HG22	1:143:A:TRP:H	1	0.58
(29,431)	1:39:A:VAL:HG23	1:143:A:TRP:H	1	0.58
(29,91)	1:150:A:THR:HA	1:151:A:PHE:H	13	0.58
(23,21)	1:129:A:LYS:N	1:125:A:THR:O	3	0.58
(23,21)	1:129:A:LYS:N	1:125:A:THR:O	5	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(23,21)	1:129:A:LYS:N	1:125:A:THR:O	8	0.58
(23,21)	1:129:A:LYS:N	1:125:A:THR:O	12	0.58
(23,21)	1:129:A:LYS:N	1:125:A:THR:O	15	0.58
(23,21)	1:129:A:LYS:N	1:125:A:THR:O	16	0.58
(23,19)	1:120:A:CYS:N	1:116:A:GLN:O	12	0.58
(23,16)	1:117:A:VAL:N	1:113:A:PHE:O	5	0.58
(23,16)	1:117:A:VAL:N	1:113:A:PHE:O	12	0.58
(23,15)	1:116:A:GLN:N	1:112:A:GLN:O	2	0.58
(23,7)	1:60:A:LEU:N	1:56:A:CYS:O	1	0.58
(23,7)	1:60:A:LEU:N	1:56:A:CYS:O	4	0.58
(23,5)	1:58:A:ILE:N	1:54:A:ARG:O	19	0.58
(23,3)	1:44:A:GLU:N	1:40:A:LEU:O	6	0.58
(22,36)	1:119:A:LEU:N	1:115:A:ALA:C	9	0.58
(22,33)	1:118:A:ASP:H	1:114:A:ILE:C	15	0.58
(22,33)	1:118:A:ASP:H	1:114:A:ILE:C	17	0.58
(22,11)	1:59:A:CYS:H	1:55:A:GLY:C	14	0.58
(22,11)	1:59:A:CYS:H	1:55:A:GLY:C	15	0.58
(22,10)	1:58:A:ILE:N	1:54:A:ARG:C	7	0.58
(22,10)	1:58:A:ILE:N	1:54:A:ARG:C	17	0.58
(22,9)	1:58:A:ILE:H	1:54:A:ARG:C	4	0.58
(22,1)	1:17:A:ASN:H	1:13:A:ALA:C	16	0.58
(19,15)	1:52:A:CYS:SG	1:127:A:CYS:CB	15	0.58
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD11	3	0.58
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD12	3	0.58
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD13	3	0.58
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD21	3	0.58
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD22	3	0.58
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD23	3	0.58
(18,2325)	1:107:A:LEU:HD11	1:115:A:ALA:H	16	0.58
(18,2325)	1:107:A:LEU:HD12	1:115:A:ALA:H	16	0.58
(18,2325)	1:107:A:LEU:HD13	1:115:A:ALA:H	16	0.58
(18,2325)	1:107:A:LEU:HD21	1:115:A:ALA:H	16	0.58
(18,2325)	1:107:A:LEU:HD22	1:115:A:ALA:H	16	0.58
(18,2325)	1:107:A:LEU:HD23	1:115:A:ALA:H	16	0.58
(18,2306)	1:105:A:LYS:H	1:105:A:LYS:HG2	10	0.58
(18,2306)	1:105:A:LYS:H	1:105:A:LYS:HG3	10	0.58
(18,2283)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	1	0.58
(18,2283)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	1	0.58
(18,2283)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	1	0.58
(18,2283)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	1	0.58
(18,2283)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	1	0.58
(18,2283)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	1	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2283)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	1	0.58
(18,2283)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	1	0.58
(18,2283)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	1	0.58
(18,2283)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	1	0.58
(18,2283)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	1	0.58
(18,2283)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	1	0.58
(18,2277)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	16	0.58
(18,2277)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	16	0.58
(18,2277)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	16	0.58
(18,2277)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	16	0.58
(18,2277)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	16	0.58
(18,2277)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	16	0.58
(18,2230)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	17	0.58
(18,2230)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	17	0.58
(18,2230)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	17	0.58
(18,2230)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	17	0.58
(18,2230)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	17	0.58
(18,2230)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	17	0.58
(18,2230)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	17	0.58
(18,2230)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	17	0.58
(18,2230)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	17	0.58
(18,2230)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	17	0.58
(18,2230)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	17	0.58
(18,2230)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	17	0.58
(18,2230)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	17	0.58
(18,2230)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	17	0.58
(18,2230)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	17	0.58
(18,2230)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	17	0.58
(18,2230)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	17	0.58
(18,2230)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	17	0.58
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD11	6	0.58
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD12	6	0.58
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD13	6	0.58
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD21	6	0.58
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD22	6	0.58
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD23	6	0.58
(18,1939)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	15	0.58
(18,1939)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	15	0.58
(18,1939)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	15	0.58
(18,1939)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	15	0.58
(18,1887)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	4	0.58
(18,1887)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	4	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1887)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	4	0.58
(18,1887)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	4	0.58
(18,1887)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	4	0.58
(18,1887)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	4	0.58
(18,1887)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	10	0.58
(18,1887)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	10	0.58
(18,1887)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	10	0.58
(18,1887)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	10	0.58
(18,1887)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	10	0.58
(18,1887)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	10	0.58
(18,1887)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	13	0.58
(18,1887)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	13	0.58
(18,1887)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	13	0.58
(18,1887)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	13	0.58
(18,1887)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	13	0.58
(18,1887)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	13	0.58
(18,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	8	0.58
(18,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	8	0.58
(18,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	8	0.58
(18,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	8	0.58
(18,1843)	1:9:A:PHE:HZ	1:11:A:ILE:HA	12	0.58
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	16	0.58
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	16	0.58
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	16	0.58
(18,1744)	1:141:A:LYS:HA	1:149:A:ALA:H	18	0.58
(18,1696)	1:67:A:PRO:HD2	1:95:A:ILE:HA	11	0.58
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB2	1	0.58
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB3	1	0.58
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	1	0.58
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	1	0.58
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	1	0.58
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	1	0.58
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	1	0.58
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	1	0.58
(18,1553)	1:11:A:ILE:HD11	1:43:A:MET:HB2	14	0.58
(18,1553)	1:11:A:ILE:HD12	1:43:A:MET:HB2	14	0.58
(18,1553)	1:11:A:ILE:HD13	1:43:A:MET:HB2	14	0.58
(18,1504)	1:11:A:ILE:HG21	1:43:A:MET:HE1	4	0.58
(18,1504)	1:11:A:ILE:HG21	1:43:A:MET:HE2	4	0.58
(18,1504)	1:11:A:ILE:HG21	1:43:A:MET:HE3	4	0.58
(18,1504)	1:11:A:ILE:HG22	1:43:A:MET:HE1	4	0.58
(18,1504)	1:11:A:ILE:HG22	1:43:A:MET:HE2	4	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1504)	1:11:A:ILE:HG22	1:43:A:MET:HE3	4	0.58
(18,1504)	1:11:A:ILE:HG23	1:43:A:MET:HE1	4	0.58
(18,1504)	1:11:A:ILE:HG23	1:43:A:MET:HE2	4	0.58
(18,1504)	1:11:A:ILE:HG23	1:43:A:MET:HE3	4	0.58
(18,1475)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	9	0.58
(18,1475)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	9	0.58
(18,1475)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	9	0.58
(18,1475)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	9	0.58
(18,1475)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	9	0.58
(18,1475)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	9	0.58
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG21	3	0.58
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG22	3	0.58
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG23	3	0.58
(18,877)	1:56:A:CYS:H	1:122:A:ASP:HB3	16	0.58
(18,836)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	5	0.58
(18,836)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	5	0.58
(18,836)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	5	0.58
(18,836)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	5	0.58
(18,836)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	5	0.58
(18,836)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	5	0.58
(18,767)	1:147:A:ARG:HA	1:147:A:ARG:HE	16	0.58
(18,741)	1:17:A:ASN:HD21	1:18:A:PHE:H	14	0.58
(18,544)	1:71:A:LYS:HG3	1:72:A:PHE:H	2	0.58
(18,544)	1:71:A:LYS:HG3	1:72:A:PHE:H	16	0.58
(18,509)	1:97:A:ASP:HB2	1:105:A:LYS:H	7	0.58
(18,509)	1:97:A:ASP:HB3	1:105:A:LYS:H	7	0.58
(18,382)	1:40:A:LEU:HB2	1:41:A:LYS:H	4	0.58
(18,382)	1:40:A:LEU:HB2	1:41:A:LYS:H	5	0.58
(18,89)	1:150:A:THR:HA	1:151:A:PHE:H	13	0.58
(18,75)	1:63:A:ILE:HG21	1:117:A:VAL:H	11	0.58
(18,75)	1:63:A:ILE:HG22	1:117:A:VAL:H	11	0.58
(18,75)	1:63:A:ILE:HG23	1:117:A:VAL:H	11	0.58
(18,73)	1:13:A:ALA:HB1	1:81:A:GLU:H	1	0.58
(18,73)	1:13:A:ALA:HB2	1:81:A:GLU:H	1	0.58
(18,73)	1:13:A:ALA:HB3	1:81:A:GLU:H	1	0.58
(17,2461)	1:141:A:LYS:HA	1:148:A:CYS:HB2	8	0.58
(17,2461)	1:141:A:LYS:HA	1:148:A:CYS:HB3	8	0.58
(17,2459)	1:141:A:LYS:H	1:148:A:CYS:HB2	4	0.58
(17,2459)	1:141:A:LYS:H	1:148:A:CYS:HB3	4	0.58
(17,2459)	1:141:A:LYS:H	1:148:A:CYS:HB2	12	0.58
(17,2459)	1:141:A:LYS:H	1:148:A:CYS:HB3	12	0.58
(17,2227)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	17	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2227)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	17	0.58
(17,2227)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	17	0.58
(17,2227)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	17	0.58
(17,2227)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	17	0.58
(17,2227)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	17	0.58
(17,2227)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	17	0.58
(17,2227)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	17	0.58
(17,2227)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	17	0.58
(17,2227)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	17	0.58
(17,2227)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	17	0.58
(17,2227)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	17	0.58
(17,2227)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	17	0.58
(17,2227)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	17	0.58
(17,2227)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	17	0.58
(17,2227)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	17	0.58
(17,2227)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	17	0.58
(17,2227)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	17	0.58
(17,2039)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	17	0.58
(17,2039)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	17	0.58
(17,2039)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	17	0.58
(17,2039)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	17	0.58
(17,2039)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	17	0.58
(17,2039)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	17	0.58
(17,2039)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	17	0.58
(17,2039)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	17	0.58
(17,2039)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	17	0.58
(17,2039)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	17	0.58
(17,2039)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	17	0.58
(17,2039)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	17	0.58
(17,2007)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	7	0.58
(17,2007)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	7	0.58
(17,2007)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	7	0.58
(17,2007)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	7	0.58
(17,2007)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	7	0.58
(17,2007)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	7	0.58
(17,1923)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	8	0.58
(17,1923)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	8	0.58
(17,1923)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	8	0.58
(17,1923)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	8	0.58
(17,1913)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	4	0.58
(17,1913)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	4	0.58
(17,1913)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	4	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1913)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	4	0.58
(17,1913)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	4	0.58
(17,1913)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	4	0.58
(17,1913)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	10	0.58
(17,1913)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	10	0.58
(17,1913)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	10	0.58
(17,1913)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	10	0.58
(17,1913)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	10	0.58
(17,1913)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	10	0.58
(17,1913)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	13	0.58
(17,1913)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	13	0.58
(17,1913)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	13	0.58
(17,1913)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	13	0.58
(17,1913)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	13	0.58
(17,1913)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	13	0.58
(17,1851)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	7	0.58
(17,1851)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	7	0.58
(17,1724)	1:67:A:PRO:HD2	1:95:A:ILE:HA	1	0.58
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	12	0.58
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	12	0.58
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	12	0.58
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	12	0.58
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	12	0.58
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	12	0.58
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	12	0.58
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	12	0.58
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	12	0.58
(17,1587)	1:11:A:ILE:HD11	1:43:A:MET:HB2	14	0.58
(17,1587)	1:11:A:ILE:HD12	1:43:A:MET:HB2	14	0.58
(17,1587)	1:11:A:ILE:HD13	1:43:A:MET:HB2	14	0.58
(17,1509)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	9	0.58
(17,1509)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	9	0.58
(17,1509)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	9	0.58
(17,1509)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	9	0.58
(17,1509)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	9	0.58
(17,1509)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	9	0.58
(17,1496)	1:45:A:ALA:HB1	1:49:A:LYS:HB2	19	0.58
(17,1496)	1:45:A:ALA:HB1	1:49:A:LYS:HB3	19	0.58
(17,1496)	1:45:A:ALA:HB2	1:49:A:LYS:HB2	19	0.58
(17,1496)	1:45:A:ALA:HB2	1:49:A:LYS:HB3	19	0.58
(17,1496)	1:45:A:ALA:HB3	1:49:A:LYS:HB2	19	0.58
(17,1496)	1:45:A:ALA:HB3	1:49:A:LYS:HB3	19	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1491)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	4	0.58
(17,1491)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	4	0.58
(17,1491)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	4	0.58
(17,1491)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	4	0.58
(17,1491)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	4	0.58
(17,1491)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	4	0.58
(17,1375)	1:119:A:LEU:HA	1:121:A:VAL:HG11	12	0.58
(17,1375)	1:119:A:LEU:HA	1:121:A:VAL:HG12	12	0.58
(17,1375)	1:119:A:LEU:HA	1:121:A:VAL:HG13	12	0.58
(17,1023)	1:34:A:LYS:H	1:81:A:GLU:HB3	8	0.58
(17,929)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	13	0.58
(17,929)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	13	0.58
(17,929)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	13	0.58
(17,929)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	13	0.58
(17,895)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	8	0.58
(17,895)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	8	0.58
(17,895)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	8	0.58
(17,578)	1:128:A:LEU:HD21	1:130:A:GLY:H	10	0.58
(17,578)	1:128:A:LEU:HD22	1:130:A:GLY:H	10	0.58
(17,578)	1:128:A:LEU:HD23	1:130:A:GLY:H	10	0.58
(17,488)	1:97:A:ASP:HB2	1:105:A:LYS:H	7	0.58
(17,488)	1:97:A:ASP:HB3	1:105:A:LYS:H	7	0.58
(17,88)	1:150:A:THR:HA	1:151:A:PHE:H	13	0.58
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	6	0.58
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	6	0.58
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	6	0.58
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	6	0.58
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	6	0.58
(16,2372)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	6	0.58
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	6	0.58
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	6	0.58
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	6	0.58
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	6	0.58
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	6	0.58
(16,2372)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	6	0.58
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD11	3	0.58
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD12	3	0.58
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD13	3	0.58
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD21	3	0.58
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD22	3	0.58
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD23	3	0.58
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD11	6	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD12	6	0.58
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD13	6	0.58
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD21	6	0.58
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD22	6	0.58
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD23	6	0.58
(16,2071)	1:32:A:GLY:HA2	1:81:A:GLU:H	10	0.58
(16,2071)	1:32:A:GLY:HA3	1:81:A:GLU:H	10	0.58
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	11	0.58
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	11	0.58
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	11	0.58
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	11	0.58
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	11	0.58
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	11	0.58
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	11	0.58
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	11	0.58
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	11	0.58
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	11	0.58
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	11	0.58
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	11	0.58
(16,1892)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	7	0.58
(16,1892)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	7	0.58
(16,1892)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	7	0.58
(16,1892)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	7	0.58
(16,1892)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	7	0.58
(16,1892)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	7	0.58
(16,1882)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	14	0.58
(16,1882)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	14	0.58
(16,1882)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	14	0.58
(16,1882)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	14	0.58
(16,1882)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	14	0.58
(16,1882)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	14	0.58
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	16	0.58
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	16	0.58
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	16	0.58
(16,1813)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	11	0.58
(16,1813)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	11	0.58
(16,1813)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	11	0.58
(16,1813)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	11	0.58
(16,1813)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	11	0.58
(16,1813)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	11	0.58
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD2	14	0.58
(16,1718)	1:21:A:THR:HG21	1:147:A:ARG:HD3	14	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD2	14	0.58
(16,1718)	1:21:A:THR:HG22	1:147:A:ARG:HD3	14	0.58
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD2	14	0.58
(16,1718)	1:21:A:THR:HG23	1:147:A:ARG:HD3	14	0.58
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB2	1	0.58
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB3	1	0.58
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	12	0.58
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	12	0.58
(16,1606)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	12	0.58
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	12	0.58
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	12	0.58
(16,1606)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	12	0.58
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	12	0.58
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	12	0.58
(16,1606)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	12	0.58
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD11	6	0.58
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD12	6	0.58
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD13	6	0.58
(16,1531)	1:69:A:MET:HE1	1:76:A:ARG:HG2	2	0.58
(16,1531)	1:69:A:MET:HE1	1:76:A:ARG:HG3	2	0.58
(16,1531)	1:69:A:MET:HE2	1:76:A:ARG:HG2	2	0.58
(16,1531)	1:69:A:MET:HE2	1:76:A:ARG:HG3	2	0.58
(16,1531)	1:69:A:MET:HE3	1:76:A:ARG:HG2	2	0.58
(16,1531)	1:69:A:MET:HE3	1:76:A:ARG:HG3	2	0.58
(16,1531)	1:69:A:MET:HE1	1:76:A:ARG:HG2	8	0.58
(16,1531)	1:69:A:MET:HE1	1:76:A:ARG:HG3	8	0.58
(16,1531)	1:69:A:MET:HE2	1:76:A:ARG:HG2	8	0.58
(16,1531)	1:69:A:MET:HE2	1:76:A:ARG:HG3	8	0.58
(16,1531)	1:69:A:MET:HE3	1:76:A:ARG:HG2	8	0.58
(16,1531)	1:69:A:MET:HE3	1:76:A:ARG:HG3	8	0.58
(16,1514)	1:11:A:ILE:HG21	1:43:A:MET:HE1	4	0.58
(16,1514)	1:11:A:ILE:HG21	1:43:A:MET:HE2	4	0.58
(16,1514)	1:11:A:ILE:HG21	1:43:A:MET:HE3	4	0.58
(16,1514)	1:11:A:ILE:HG22	1:43:A:MET:HE1	4	0.58
(16,1514)	1:11:A:ILE:HG22	1:43:A:MET:HE2	4	0.58
(16,1514)	1:11:A:ILE:HG22	1:43:A:MET:HE3	4	0.58
(16,1514)	1:11:A:ILE:HG23	1:43:A:MET:HE1	4	0.58
(16,1514)	1:11:A:ILE:HG23	1:43:A:MET:HE2	4	0.58
(16,1514)	1:11:A:ILE:HG23	1:43:A:MET:HE3	4	0.58
(16,1487)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	9	0.58
(16,1487)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	9	0.58
(16,1487)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	9	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1487)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	9	0.58
(16,1487)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	9	0.58
(16,1487)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	9	0.58
(16,1231)	1:34:A:LYS:H	1:81:A:GLU:HA	15	0.58
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	18	0.58
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	18	0.58
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	18	0.58
(16,1061)	1:11:A:ILE:HA	1:14:A:VAL:HB	3	0.58
(16,981)	1:43:A:MET:HB3	1:134:A:VAL:HG11	11	0.58
(16,981)	1:43:A:MET:HB3	1:134:A:VAL:HG12	11	0.58
(16,981)	1:43:A:MET:HB3	1:134:A:VAL:HG13	11	0.58
(16,846)	1:45:A:ALA:HA	1:48:A:ARG:HD2	5	0.58
(16,846)	1:45:A:ALA:HA	1:48:A:ARG:HD3	5	0.58
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD11	7	0.58
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD12	7	0.58
(16,826)	1:64:A:LYS:HE2	1:98:A:ILE:HD13	7	0.58
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD11	7	0.58
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD12	7	0.58
(16,826)	1:64:A:LYS:HE3	1:98:A:ILE:HD13	7	0.58
(16,627)	1:34:A:LYS:HG2	1:35:A:LEU:H	2	0.58
(16,627)	1:34:A:LYS:HG3	1:35:A:LEU:H	2	0.58
(16,587)	1:126:A:GLY:H	1:128:A:LEU:HG	19	0.58
(16,323)	1:121:A:VAL:H	1:122:A:ASP:HA	11	0.58
(16,88)	1:151:A:PHE:H	1:151:A:PHE:HB3	5	0.58
(16,86)	1:150:A:THR:HA	1:151:A:PHE:H	13	0.58
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB2	3	0.58
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB3	3	0.58
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB2	3	0.58
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB3	3	0.58
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB2	3	0.58
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB3	3	0.58
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB2	3	0.58
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB3	3	0.58
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB2	3	0.58
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB3	3	0.58
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB2	3	0.58
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB3	3	0.58
(15,2471)	1:141:A:LYS:HA	1:148:A:CYS:HB2	8	0.58
(15,2471)	1:141:A:LYS:HA	1:148:A:CYS:HB3	8	0.58
(15,2311)	1:105:A:LYS:HG2	1:112:A:GLN:HE21	19	0.58
(15,2311)	1:105:A:LYS:HG3	1:112:A:GLN:HE21	19	0.58
(15,2311)	1:105:A:LYS:HG2	1:112:A:GLN:HE22	19	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2311)	1:105:A:LYS:HG3	1:112:A:GLN:HE22	19	0.58
(15,2279)	1:96:A:VAL:HG11	1:116:A:GLN:HG2	1	0.58
(15,2279)	1:96:A:VAL:HG12	1:116:A:GLN:HG2	1	0.58
(15,2279)	1:96:A:VAL:HG13	1:116:A:GLN:HG2	1	0.58
(15,2279)	1:96:A:VAL:HG21	1:116:A:GLN:HG2	1	0.58
(15,2279)	1:96:A:VAL:HG22	1:116:A:GLN:HG2	1	0.58
(15,2279)	1:96:A:VAL:HG23	1:116:A:GLN:HG2	1	0.58
(15,2279)	1:96:A:VAL:HG11	1:116:A:GLN:HG2	7	0.58
(15,2279)	1:96:A:VAL:HG12	1:116:A:GLN:HG2	7	0.58
(15,2279)	1:96:A:VAL:HG13	1:116:A:GLN:HG2	7	0.58
(15,2279)	1:96:A:VAL:HG21	1:116:A:GLN:HG2	7	0.58
(15,2279)	1:96:A:VAL:HG22	1:116:A:GLN:HG2	7	0.58
(15,2279)	1:96:A:VAL:HG23	1:116:A:GLN:HG2	7	0.58
(15,2194)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	17	0.58
(15,2194)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	17	0.58
(15,2194)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	17	0.58
(15,2194)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	17	0.58
(15,2194)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	17	0.58
(15,2194)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	17	0.58
(15,2194)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	17	0.58
(15,2194)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	17	0.58
(15,2194)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	17	0.58
(15,2194)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	17	0.58
(15,2194)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	17	0.58
(15,2194)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	17	0.58
(15,2194)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	17	0.58
(15,2194)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	17	0.58
(15,2194)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	17	0.58
(15,2194)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	17	0.58
(15,2194)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	17	0.58
(15,2194)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	17	0.58
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD11	14	0.58
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD12	14	0.58
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD13	14	0.58
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD21	14	0.58
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD22	14	0.58
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD23	14	0.58
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD11	14	0.58
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD12	14	0.58
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD13	14	0.58
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD21	14	0.58
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD22	14	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD23	14	0.58
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD11	14	0.58
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD12	14	0.58
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD13	14	0.58
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD21	14	0.58
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD22	14	0.58
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD23	14	0.58
(15,2107)	1:41:A:LYS:HA	1:44:A:GLU:HG2	11	0.58
(15,2107)	1:41:A:LYS:HA	1:44:A:GLU:HG3	11	0.58
(15,2023)	1:29:A:LYS:HA	1:30:A:LEU:HD11	3	0.58
(15,2023)	1:29:A:LYS:HA	1:30:A:LEU:HD12	3	0.58
(15,2023)	1:29:A:LYS:HA	1:30:A:LEU:HD13	3	0.58
(15,2023)	1:29:A:LYS:HA	1:30:A:LEU:HD21	3	0.58
(15,2023)	1:29:A:LYS:HA	1:30:A:LEU:HD22	3	0.58
(15,2023)	1:29:A:LYS:HA	1:30:A:LEU:HD23	3	0.58
(15,2000)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	17	0.58
(15,2000)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	17	0.58
(15,2000)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	17	0.58
(15,2000)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	17	0.58
(15,2000)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	17	0.58
(15,2000)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	17	0.58
(15,2000)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	17	0.58
(15,2000)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	17	0.58
(15,2000)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	17	0.58
(15,2000)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	17	0.58
(15,2000)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	17	0.58
(15,2000)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	17	0.58
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD11	9	0.58
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD12	9	0.58
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD13	9	0.58
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD21	9	0.58
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD22	9	0.58
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD23	9	0.58
(15,1891)	1:58:A:ILE:HA	1:62:A:HIS:HE1	6	0.58
(15,1888)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	15	0.58
(15,1888)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	15	0.58
(15,1888)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	15	0.58
(15,1888)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	15	0.58
(15,1888)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	15	0.58
(15,1888)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	15	0.58
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	4	0.58
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	4	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	4	0.58
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	4	0.58
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	4	0.58
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	4	0.58
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	12	0.58
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	12	0.58
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	12	0.58
(15,1859)	1:14:A:VAL:HA	1:18:A:PHE:HD1	19	0.58
(15,1859)	1:14:A:VAL:HA	1:18:A:PHE:HD2	19	0.58
(15,1754)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	6	0.58
(15,1754)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	6	0.58
(15,1754)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	6	0.58
(15,1754)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	8	0.58
(15,1754)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	8	0.58
(15,1754)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	8	0.58
(15,1750)	1:141:A:LYS:HA	1:149:A:ALA:H	18	0.58
(15,1562)	1:11:A:ILE:HD11	1:43:A:MET:HB2	14	0.58
(15,1562)	1:11:A:ILE:HD12	1:43:A:MET:HB2	14	0.58
(15,1562)	1:11:A:ILE:HD13	1:43:A:MET:HB2	14	0.58
(15,1359)	1:119:A:LEU:HA	1:121:A:VAL:HG11	12	0.58
(15,1359)	1:119:A:LEU:HA	1:121:A:VAL:HG12	12	0.58
(15,1359)	1:119:A:LEU:HA	1:121:A:VAL:HG13	12	0.58
(15,1260)	1:12:A:VAL:HG11	1:40:A:LEU:HA	7	0.58
(15,1260)	1:12:A:VAL:HG12	1:40:A:LEU:HA	7	0.58
(15,1260)	1:12:A:VAL:HG13	1:40:A:LEU:HA	7	0.58
(15,1224)	1:34:A:LYS:H	1:81:A:GLU:HA	15	0.58
(15,1150)	1:145:A:PRO:HB2	1:146:A:GLN:HA	12	0.58
(15,1030)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	4	0.58
(15,894)	1:69:A:MET:HE1	1:73:A:ILE:HB	12	0.58
(15,894)	1:69:A:MET:HE2	1:73:A:ILE:HB	12	0.58
(15,894)	1:69:A:MET:HE3	1:73:A:ILE:HB	12	0.58
(15,887)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	8	0.58
(15,887)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	8	0.58
(15,887)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	8	0.58
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	17	0.58
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	17	0.58
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	17	0.58
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	17	0.58
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	17	0.58
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	17	0.58
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	17	0.58
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	17	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	17	0.58
(15,675)	1:63:A:ILE:HG12	1:117:A:VAL:H	17	0.58
(15,594)	1:75:A:GLY:H	1:77:A:CYS:HB3	1	0.58
(15,588)	1:126:A:GLY:H	1:128:A:LEU:HG	7	0.58
(15,487)	1:147:A:ARG:HD2	1:148:A:CYS:H	8	0.58
(15,487)	1:147:A:ARG:HD3	1:148:A:CYS:H	8	0.58
(15,72)	1:13:A:ALA:HB1	1:81:A:GLU:H	1	0.58
(15,72)	1:13:A:ALA:HB2	1:81:A:GLU:H	1	0.58
(15,72)	1:13:A:ALA:HB3	1:81:A:GLU:H	1	0.58
(13,2195)	1:65:A:CYS:HB2	1:69:A:MET:HE1	17	0.58
(13,2195)	1:65:A:CYS:HB2	1:69:A:MET:HE2	17	0.58
(13,2195)	1:65:A:CYS:HB2	1:69:A:MET:HE3	17	0.58
(13,2195)	1:65:A:CYS:HB3	1:69:A:MET:HE1	17	0.58
(13,2195)	1:65:A:CYS:HB3	1:69:A:MET:HE2	17	0.58
(13,2195)	1:65:A:CYS:HB3	1:69:A:MET:HE3	17	0.58
(13,2180)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	17	0.58
(13,2180)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	17	0.58
(13,2180)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	17	0.58
(13,2180)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	17	0.58
(13,2180)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	17	0.58
(13,2180)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	17	0.58
(13,2180)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	17	0.58
(13,2180)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	17	0.58
(13,2180)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	17	0.58
(13,2180)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	17	0.58
(13,2180)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	17	0.58
(13,2180)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	17	0.58
(13,2180)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	17	0.58
(13,2180)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	17	0.58
(13,2180)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	17	0.58
(13,2180)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	17	0.58
(13,2180)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	17	0.58
(13,2180)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	17	0.58
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD11	6	0.58
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD12	6	0.58
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD13	6	0.58
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD21	6	0.58
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD22	6	0.58
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD23	6	0.58
(13,2021)	1:34:A:LYS:H	1:81:A:GLU:HB2	9	0.58
(13,2021)	1:34:A:LYS:H	1:81:A:GLU:HB3	9	0.58
(13,1957)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	7	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1957)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	7	0.58
(13,1957)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	7	0.58
(13,1957)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	7	0.58
(13,1957)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	7	0.58
(13,1957)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	7	0.58
(13,1863)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	7	0.58
(13,1863)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	7	0.58
(13,1863)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	7	0.58
(13,1863)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	7	0.58
(13,1863)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	7	0.58
(13,1863)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	7	0.58
(13,1734)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	6	0.58
(13,1734)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	6	0.58
(13,1734)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	6	0.58
(13,1734)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	8	0.58
(13,1734)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	8	0.58
(13,1734)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	8	0.58
(13,1729)	1:141:A:LYS:HA	1:144:A:LEU:HD21	5	0.58
(13,1729)	1:141:A:LYS:HA	1:144:A:LEU:HD22	5	0.58
(13,1729)	1:141:A:LYS:HA	1:144:A:LEU:HD23	5	0.58
(13,1728)	1:141:A:LYS:HA	1:149:A:ALA:H	18	0.58
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	1	0.58
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	1	0.58
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	1	0.58
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	1	0.58
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	1	0.58
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	1	0.58
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	1	0.58
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	1	0.58
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	1	0.58
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	1	0.58
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	1	0.58
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	1	0.58
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	1	0.58
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	1	0.58
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	1	0.58
(13,1487)	1:11:A:ILE:HG21	1:43:A:MET:HE1	4	0.58
(13,1487)	1:11:A:ILE:HG21	1:43:A:MET:HE2	4	0.58
(13,1487)	1:11:A:ILE:HG21	1:43:A:MET:HE3	4	0.58
(13,1487)	1:11:A:ILE:HG22	1:43:A:MET:HE1	4	0.58
(13,1487)	1:11:A:ILE:HG22	1:43:A:MET:HE2	4	0.58
(13,1487)	1:11:A:ILE:HG22	1:43:A:MET:HE3	4	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1487)	1:11:A:ILE:HG23	1:43:A:MET:HE1	4	0.58
(13,1487)	1:11:A:ILE:HG23	1:43:A:MET:HE2	4	0.58
(13,1487)	1:11:A:ILE:HG23	1:43:A:MET:HE3	4	0.58
(13,1461)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	9	0.58
(13,1461)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	9	0.58
(13,1461)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	9	0.58
(13,1461)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	9	0.58
(13,1461)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	9	0.58
(13,1461)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	9	0.58
(13,1332)	1:119:A:LEU:HA	1:121:A:VAL:HG11	12	0.58
(13,1332)	1:119:A:LEU:HA	1:121:A:VAL:HG12	12	0.58
(13,1332)	1:119:A:LEU:HA	1:121:A:VAL:HG13	12	0.58
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	10	0.58
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	10	0.58
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	10	0.58
(13,875)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	8	0.58
(13,875)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	8	0.58
(13,875)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	8	0.58
(13,693)	1:23:A:LEU:HD21	1:27:A:ARG:HE	14	0.58
(13,693)	1:23:A:LEU:HD22	1:27:A:ARG:HE	14	0.58
(13,693)	1:23:A:LEU:HD23	1:27:A:ARG:HE	14	0.58
(13,575)	1:128:A:LEU:HD21	1:130:A:GLY:H	10	0.58
(13,575)	1:128:A:LEU:HD22	1:130:A:GLY:H	10	0.58
(13,575)	1:128:A:LEU:HD23	1:130:A:GLY:H	10	0.58
(13,574)	1:126:A:GLY:H	1:128:A:LEU:HG	4	0.58
(13,492)	1:105:A:LYS:H	1:105:A:LYS:HD2	5	0.58
(13,492)	1:105:A:LYS:H	1:105:A:LYS:HD3	5	0.58
(13,66)	1:13:A:ALA:HB1	1:81:A:GLU:H	1	0.58
(13,66)	1:13:A:ALA:HB2	1:81:A:GLU:H	1	0.58
(13,66)	1:13:A:ALA:HB3	1:81:A:GLU:H	1	0.58
(11,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	3	0.58
(11,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	3	0.58
(11,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	3	0.58
(11,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	3	0.58
(11,2216)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	4	0.58
(11,2216)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	4	0.58
(11,2074)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	14	0.58
(11,2074)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	14	0.58
(11,2074)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	14	0.58
(11,2074)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	14	0.58
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	7	0.58
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	7	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	7	0.58
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD21	7	0.58
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD22	7	0.58
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD23	7	0.58
(11,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	7	0.58
(11,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	7	0.58
(11,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	7	0.58
(11,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	7	0.58
(11,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	7	0.58
(11,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	7	0.58
(11,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	7	0.58
(11,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	7	0.58
(11,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	7	0.58
(11,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	7	0.58
(11,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	7	0.58
(11,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	7	0.58
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	8	0.58
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	8	0.58
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD2	5	0.58
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD3	5	0.58
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD2	5	0.58
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD3	5	0.58
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD2	5	0.58
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD3	5	0.58
(11,1757)	1:79:A:THR:HG21	1:81:A:GLU:HG2	19	0.58
(11,1757)	1:79:A:THR:HG21	1:81:A:GLU:HG3	19	0.58
(11,1757)	1:79:A:THR:HG22	1:81:A:GLU:HG2	19	0.58
(11,1757)	1:79:A:THR:HG22	1:81:A:GLU:HG3	19	0.58
(11,1757)	1:79:A:THR:HG23	1:81:A:GLU:HG2	19	0.58
(11,1757)	1:79:A:THR:HG23	1:81:A:GLU:HG3	19	0.58
(11,1742)	1:141:A:LYS:HA	1:145:A:PRO:HD3	2	0.58
(11,1642)	1:128:A:LEU:HD21	1:130:A:GLY:H	10	0.58
(11,1642)	1:128:A:LEU:HD22	1:130:A:GLY:H	10	0.58
(11,1642)	1:128:A:LEU:HD23	1:130:A:GLY:H	10	0.58
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD11	6	0.58
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD12	6	0.58
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD13	6	0.58
(11,1598)	1:11:A:ILE:HD11	1:43:A:MET:HB2	14	0.58
(11,1598)	1:11:A:ILE:HD12	1:43:A:MET:HB2	14	0.58
(11,1598)	1:11:A:ILE:HD13	1:43:A:MET:HB2	14	0.58
(11,1584)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	14	0.58
(11,1584)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	14	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1584)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	14	0.58
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD21	10	0.58
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD22	10	0.58
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD23	10	0.58
(11,1554)	1:69:A:MET:HE1	1:76:A:ARG:HG2	7	0.58
(11,1554)	1:69:A:MET:HE1	1:76:A:ARG:HG3	7	0.58
(11,1554)	1:69:A:MET:HE2	1:76:A:ARG:HG2	7	0.58
(11,1554)	1:69:A:MET:HE2	1:76:A:ARG:HG3	7	0.58
(11,1554)	1:69:A:MET:HE3	1:76:A:ARG:HG2	7	0.58
(11,1554)	1:69:A:MET:HE3	1:76:A:ARG:HG3	7	0.58
(11,1334)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	16	0.58
(11,1334)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	16	0.58
(11,1334)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	16	0.58
(11,1287)	1:113:A:PHE:HE1	1:117:A:VAL:HG21	2	0.58
(11,1287)	1:113:A:PHE:HE1	1:117:A:VAL:HG22	2	0.58
(11,1287)	1:113:A:PHE:HE1	1:117:A:VAL:HG23	2	0.58
(11,1287)	1:113:A:PHE:HE2	1:117:A:VAL:HG21	2	0.58
(11,1287)	1:113:A:PHE:HE2	1:117:A:VAL:HG22	2	0.58
(11,1287)	1:113:A:PHE:HE2	1:117:A:VAL:HG23	2	0.58
(11,1029)	1:34:A:LYS:H	1:81:A:GLU:HB3	8	0.58
(11,1017)	1:27:A:ARG:HB2	1:28:A:GLY:H	9	0.58
(11,974)	1:11:A:ILE:HG12	1:14:A:VAL:HB	8	0.58
(11,891)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	19	0.58
(11,891)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	19	0.58
(11,891)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	19	0.58
(11,869)	1:56:A:CYS:H	1:122:A:ASP:HB3	16	0.58
(11,540)	1:60:A:LEU:HD21	1:61:A:SER:H	3	0.58
(11,540)	1:60:A:LEU:HD22	1:61:A:SER:H	3	0.58
(11,540)	1:60:A:LEU:HD23	1:61:A:SER:H	3	0.58
(11,494)	1:97:A:ASP:HB2	1:105:A:LYS:H	7	0.58
(11,494)	1:97:A:ASP:HB3	1:105:A:LYS:H	7	0.58
(9,2059)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	4	0.58
(9,2059)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	4	0.58
(9,2059)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	4	0.58
(9,2059)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	4	0.58
(9,2059)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	4	0.58
(9,2059)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	4	0.58
(9,2031)	1:29:A:LYS:HA	1:30:A:LEU:HD11	3	0.58
(9,2031)	1:29:A:LYS:HA	1:30:A:LEU:HD12	3	0.58
(9,2031)	1:29:A:LYS:HA	1:30:A:LEU:HD13	3	0.58
(9,2031)	1:29:A:LYS:HA	1:30:A:LEU:HD21	3	0.58
(9,2031)	1:29:A:LYS:HA	1:30:A:LEU:HD22	3	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2031)	1:29:A:LYS:HA	1:30:A:LEU:HD23	3	0.58
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD11	6	0.58
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD12	6	0.58
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD13	6	0.58
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD21	6	0.58
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD22	6	0.58
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD23	6	0.58
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	13	0.58
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	13	0.58
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	13	0.58
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	13	0.58
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	13	0.58
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	13	0.58
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	13	0.58
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	13	0.58
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	13	0.58
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	13	0.58
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	13	0.58
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	13	0.58
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	13	0.58
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	13	0.58
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	13	0.58
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	13	0.58
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	13	0.58
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	13	0.58
(9,1904)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	10	0.58
(9,1904)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	10	0.58
(9,1904)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	10	0.58
(9,1904)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	10	0.58
(9,1836)	1:13:A:ALA:HA	1:80:A:TYR:HE1	18	0.58
(9,1836)	1:13:A:ALA:HA	1:80:A:TYR:HE2	18	0.58
(9,1826)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	2	0.58
(9,1826)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	2	0.58
(9,1510)	1:11:A:ILE:HG21	1:43:A:MET:HE1	4	0.58
(9,1510)	1:11:A:ILE:HG21	1:43:A:MET:HE2	4	0.58
(9,1510)	1:11:A:ILE:HG21	1:43:A:MET:HE3	4	0.58
(9,1510)	1:11:A:ILE:HG22	1:43:A:MET:HE1	4	0.58
(9,1510)	1:11:A:ILE:HG22	1:43:A:MET:HE2	4	0.58
(9,1510)	1:11:A:ILE:HG22	1:43:A:MET:HE3	4	0.58
(9,1510)	1:11:A:ILE:HG23	1:43:A:MET:HE1	4	0.58
(9,1510)	1:11:A:ILE:HG23	1:43:A:MET:HE2	4	0.58
(9,1510)	1:11:A:ILE:HG23	1:43:A:MET:HE3	4	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1482)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	9	0.58
(9,1482)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	9	0.58
(9,1482)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	9	0.58
(9,1482)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	9	0.58
(9,1482)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	9	0.58
(9,1482)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	9	0.58
(9,1398)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	18	0.58
(9,1398)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	18	0.58
(9,1398)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	18	0.58
(9,1204)	1:140:A:LEU:HA	1:140:A:LEU:HD21	13	0.58
(9,1204)	1:140:A:LEU:HA	1:140:A:LEU:HD22	13	0.58
(9,1204)	1:140:A:LEU:HA	1:140:A:LEU:HD23	13	0.58
(9,1110)	1:41:A:LYS:HA	1:44:A:GLU:HG2	10	0.58
(9,1008)	1:27:A:ARG:HB2	1:28:A:GLY:H	9	0.58
(9,798)	1:55:A:GLY:H	1:58:A:ILE:HD11	17	0.58
(9,798)	1:55:A:GLY:H	1:58:A:ILE:HD12	17	0.58
(9,798)	1:55:A:GLY:H	1:58:A:ILE:HD13	17	0.58
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG11	17	0.58
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG12	17	0.58
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG13	17	0.58
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG11	19	0.58
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG12	19	0.58
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG13	19	0.58
(9,545)	1:60:A:LEU:HD21	1:61:A:SER:H	3	0.58
(9,545)	1:60:A:LEU:HD22	1:61:A:SER:H	3	0.58
(9,545)	1:60:A:LEU:HD23	1:61:A:SER:H	3	0.58
(9,90)	1:150:A:THR:HA	1:151:A:PHE:H	13	0.58
(9,69)	1:13:A:ALA:HB1	1:81:A:GLU:H	1	0.58
(9,69)	1:13:A:ALA:HB2	1:81:A:GLU:H	1	0.58
(9,69)	1:13:A:ALA:HB3	1:81:A:GLU:H	1	0.58
(7,2423)	1:134:A:VAL:HG11	1:137:A:SER:H	2	0.58
(7,2423)	1:134:A:VAL:HG12	1:137:A:SER:H	2	0.58
(7,2423)	1:134:A:VAL:HG13	1:137:A:SER:H	2	0.58
(7,2423)	1:134:A:VAL:HG21	1:137:A:SER:H	2	0.58
(7,2423)	1:134:A:VAL:HG22	1:137:A:SER:H	2	0.58
(7,2423)	1:134:A:VAL:HG23	1:137:A:SER:H	2	0.58
(7,2316)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	8	0.58
(7,2316)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	8	0.58
(7,2316)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	8	0.58
(7,2316)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	8	0.58
(7,2316)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	8	0.58
(7,2316)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	8	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2316)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	8	0.58
(7,2316)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	8	0.58
(7,2316)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	8	0.58
(7,2316)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	8	0.58
(7,2316)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	8	0.58
(7,2316)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	8	0.58
(7,2303)	1:105:A:LYS:H	1:105:A:LYS:HG2	10	0.58
(7,2303)	1:105:A:LYS:H	1:105:A:LYS:HG3	10	0.58
(7,2191)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	17	0.58
(7,2191)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	17	0.58
(7,2191)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	17	0.58
(7,2191)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	17	0.58
(7,2191)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	17	0.58
(7,2191)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	17	0.58
(7,2191)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	17	0.58
(7,2191)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	17	0.58
(7,2191)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	17	0.58
(7,2191)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	17	0.58
(7,2191)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	17	0.58
(7,2191)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	17	0.58
(7,2191)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	17	0.58
(7,2191)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	17	0.58
(7,2191)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	17	0.58
(7,2191)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	17	0.58
(7,2191)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	17	0.58
(7,2191)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	17	0.58
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD11	2	0.58
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD12	2	0.58
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD13	2	0.58
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD21	2	0.58
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD22	2	0.58
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD23	2	0.58
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD11	6	0.58
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD12	6	0.58
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD13	6	0.58
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD21	6	0.58
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD22	6	0.58
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD23	6	0.58
(7,2050)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	4	0.58
(7,2050)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	4	0.58
(7,2050)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	4	0.58
(7,2050)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	4	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2050)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	4	0.58
(7,2050)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	4	0.58
(7,2048)	1:35:A:LEU:HD11	1:143:A:TRP:HA	2	0.58
(7,2048)	1:35:A:LEU:HD12	1:143:A:TRP:HA	2	0.58
(7,2048)	1:35:A:LEU:HD13	1:143:A:TRP:HA	2	0.58
(7,2048)	1:35:A:LEU:HD21	1:143:A:TRP:HA	2	0.58
(7,2048)	1:35:A:LEU:HD22	1:143:A:TRP:HA	2	0.58
(7,2048)	1:35:A:LEU:HD23	1:143:A:TRP:HA	2	0.58
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD11	17	0.58
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD12	17	0.58
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD13	17	0.58
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD21	17	0.58
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD22	17	0.58
(7,2005)	1:27:A:ARG:HA	1:144:A:LEU:HD23	17	0.58
(7,1977)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	17	0.58
(7,1977)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	17	0.58
(7,1977)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	17	0.58
(7,1977)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	17	0.58
(7,1977)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	17	0.58
(7,1977)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	17	0.58
(7,1977)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	17	0.58
(7,1977)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	17	0.58
(7,1977)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	17	0.58
(7,1977)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	17	0.58
(7,1977)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	17	0.58
(7,1977)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	17	0.58
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	4	0.58
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	4	0.58
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	4	0.58
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	4	0.58
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	4	0.58
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	4	0.58
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	4	0.58
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	4	0.58
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	4	0.58
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	4	0.58
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	4	0.58
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	4	0.58
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	14	0.58
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	14	0.58
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	14	0.58
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	14	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	14	0.58
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	14	0.58
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	14	0.58
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	14	0.58
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	14	0.58
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	14	0.58
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	14	0.58
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	14	0.58
(7,1803)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	7	0.58
(7,1803)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	7	0.58
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	16	0.58
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	16	0.58
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	16	0.58
(7,1785)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	14	0.58
(7,1785)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	14	0.58
(7,1785)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	14	0.58
(7,1785)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	14	0.58
(7,1785)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	14	0.58
(7,1785)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	14	0.58
(7,1730)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	6	0.58
(7,1730)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	6	0.58
(7,1730)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	6	0.58
(7,1730)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	8	0.58
(7,1730)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	8	0.58
(7,1730)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	8	0.58
(7,1618)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	13	0.58
(7,1618)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	13	0.58
(7,1618)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	13	0.58
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG21	13	0.58
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG22	13	0.58
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG23	13	0.58
(7,1544)	1:11:A:ILE:HD11	1:43:A:MET:HB2	14	0.58
(7,1544)	1:11:A:ILE:HD12	1:43:A:MET:HB2	14	0.58
(7,1544)	1:11:A:ILE:HD13	1:43:A:MET:HB2	14	0.58
(7,1394)	1:149:A:ALA:HB1	1:151:A:PHE:H	7	0.58
(7,1394)	1:149:A:ALA:HB2	1:151:A:PHE:H	7	0.58
(7,1394)	1:149:A:ALA:HB3	1:151:A:PHE:H	7	0.58
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG11	5	0.58
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG12	5	0.58
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG13	5	0.58
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD11	19	0.58
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD12	19	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD13	19	0.58
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD11	19	0.58
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD12	19	0.58
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD13	19	0.58
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD11	19	0.58
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD12	19	0.58
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD13	19	0.58
(7,1241)	1:12:A:VAL:HG11	1:40:A:LEU:HA	7	0.58
(7,1241)	1:12:A:VAL:HG12	1:40:A:LEU:HA	7	0.58
(7,1241)	1:12:A:VAL:HG13	1:40:A:LEU:HA	7	0.58
(7,1004)	1:34:A:LYS:H	1:81:A:GLU:HB3	9	0.58
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	6	0.58
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	6	0.58
(7,971)	1:12:A:VAL:HB	1:40:A:LEU:H	8	0.58
(7,948)	1:11:A:ILE:HD11	1:43:A:MET:HB3	14	0.58
(7,948)	1:11:A:ILE:HD12	1:43:A:MET:HB3	14	0.58
(7,948)	1:11:A:ILE:HD13	1:43:A:MET:HB3	14	0.58
(7,877)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	8	0.58
(7,877)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	8	0.58
(7,877)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	8	0.58
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG11	17	0.58
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG12	17	0.58
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG13	17	0.58
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG11	19	0.58
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG12	19	0.58
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG13	19	0.58
(7,629)	1:9:A:PHE:HZ	1:58:A:ILE:H	3	0.58
(7,496)	1:97:A:ASP:HB2	1:105:A:LYS:H	7	0.58
(7,496)	1:97:A:ASP:HB3	1:105:A:LYS:H	7	0.58
(7,442)	1:68:A:LYS:H	1:70:A:LYS:HG3	6	0.58
(7,292)	1:121:A:VAL:H	1:123:A:CYS:H	19	0.58
(7,87)	1:150:A:THR:HA	1:151:A:PHE:H	13	0.58
(6,2222)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	17	0.58
(6,2222)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	17	0.58
(6,2222)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	17	0.58
(6,2222)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	17	0.58
(6,2222)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	17	0.58
(6,2222)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	17	0.58
(6,2222)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	17	0.58
(6,2222)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	17	0.58
(6,2222)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	17	0.58
(6,2222)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	17	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2222)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	17	0.58
(6,2222)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	17	0.58
(6,2222)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	17	0.58
(6,2222)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	17	0.58
(6,2222)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	17	0.58
(6,2222)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	17	0.58
(6,2222)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	17	0.58
(6,2222)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	17	0.58
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD11	6	0.58
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD12	6	0.58
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD13	6	0.58
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD21	6	0.58
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD22	6	0.58
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD23	6	0.58
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD11	10	0.58
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD12	10	0.58
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD13	10	0.58
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD21	10	0.58
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD22	10	0.58
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD23	10	0.58
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	4	0.58
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	4	0.58
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	4	0.58
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	4	0.58
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	4	0.58
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	4	0.58
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	16	0.58
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	16	0.58
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	16	0.58
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	4	0.58
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	4	0.58
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	4	0.58
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	4	0.58
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	4	0.58
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	4	0.58
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	4	0.58
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	4	0.58
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	4	0.58
(6,1468)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	4	0.58
(6,1468)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	4	0.58
(6,1468)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	4	0.58
(6,1468)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	4	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1468)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	4	0.58
(6,1468)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	4	0.58
(6,1256)	1:15:A:ALA:HA	1:131:A:LEU:HB2	2	0.58
(6,1196)	1:140:A:LEU:HA	1:140:A:LEU:HD21	4	0.58
(6,1196)	1:140:A:LEU:HA	1:140:A:LEU:HD22	4	0.58
(6,1196)	1:140:A:LEU:HA	1:140:A:LEU:HD23	4	0.58
(6,956)	1:11:A:ILE:HG13	1:14:A:VAL:HB	1	0.58
(6,956)	1:11:A:ILE:HG13	1:14:A:VAL:HB	7	0.58
(6,882)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	8	0.58
(6,882)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	8	0.58
(6,882)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	8	0.58
(6,868)	1:123:A:CYS:HB3	1:128:A:LEU:HD11	6	0.58
(6,868)	1:123:A:CYS:HB3	1:128:A:LEU:HD12	6	0.58
(6,868)	1:123:A:CYS:HB3	1:128:A:LEU:HD13	6	0.58
(6,836)	1:43:A:MET:HE1	1:131:A:LEU:HB3	12	0.58
(6,836)	1:43:A:MET:HE2	1:131:A:LEU:HB3	12	0.58
(6,836)	1:43:A:MET:HE3	1:131:A:LEU:HB3	12	0.58
(6,742)	1:147:A:ARG:HA	1:147:A:ARG:HE	16	0.58
(6,536)	1:60:A:LEU:HD21	1:61:A:SER:H	3	0.58
(6,536)	1:60:A:LEU:HD22	1:61:A:SER:H	3	0.58
(6,536)	1:60:A:LEU:HD23	1:61:A:SER:H	3	0.58
(6,491)	1:97:A:ASP:HB2	1:105:A:LYS:H	7	0.58
(6,491)	1:97:A:ASP:HB3	1:105:A:LYS:H	7	0.58
(6,371)	1:40:A:LEU:HB2	1:41:A:LYS:H	14	0.58
(6,89)	1:150:A:THR:HA	1:151:A:PHE:H	13	0.58
(5,2453)	1:141:A:LYS:HA	1:148:A:CYS:HB2	8	0.58
(5,2453)	1:141:A:LYS:HA	1:148:A:CYS:HB3	8	0.58
(5,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	1	0.58
(5,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	1	0.58
(5,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	1	0.58
(5,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	1	0.58
(5,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	1	0.58
(5,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	1	0.58
(5,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	1	0.58
(5,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	1	0.58
(5,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	1	0.58
(5,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	1	0.58
(5,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	1	0.58
(5,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	1	0.58
(5,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	1	0.58
(5,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	1	0.58
(5,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	1	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	1	0.58
(5,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	1	0.58
(5,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	1	0.58
(5,2212)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	17	0.58
(5,2212)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	17	0.58
(5,2212)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	17	0.58
(5,2212)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	17	0.58
(5,2212)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	17	0.58
(5,2212)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	17	0.58
(5,2212)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	17	0.58
(5,2212)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	17	0.58
(5,2212)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	17	0.58
(5,2212)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	17	0.58
(5,2212)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	17	0.58
(5,2212)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	17	0.58
(5,2212)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	17	0.58
(5,2212)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	17	0.58
(5,2212)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	17	0.58
(5,2212)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	17	0.58
(5,2212)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	17	0.58
(5,2212)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	17	0.58
(5,2179)	1:55:A:GLY:H	1:122:A:ASP:HB2	15	0.58
(5,2179)	1:55:A:GLY:H	1:122:A:ASP:HB3	15	0.58
(5,2124)	1:40:A:LEU:HD11	1:43:A:MET:H	4	0.58
(5,2124)	1:40:A:LEU:HD12	1:43:A:MET:H	4	0.58
(5,2124)	1:40:A:LEU:HD13	1:43:A:MET:H	4	0.58
(5,2124)	1:40:A:LEU:HD21	1:43:A:MET:H	4	0.58
(5,2124)	1:40:A:LEU:HD22	1:43:A:MET:H	4	0.58
(5,2124)	1:40:A:LEU:HD23	1:43:A:MET:H	4	0.58
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD11	2	0.58
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD12	2	0.58
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD13	2	0.58
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD21	2	0.58
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD22	2	0.58
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD23	2	0.58
(5,1892)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	1	0.58
(5,1892)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	1	0.58
(5,1884)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	6	0.58
(5,1882)	1:9:A:PHE:HZ	1:11:A:ILE:HA	12	0.58
(5,1786)	1:141:A:LYS:HA	1:148:A:CYS:H	4	0.58
(5,1749)	1:21:A:THR:HG21	1:24:A:ASP:HB2	9	0.58
(5,1749)	1:21:A:THR:HG21	1:24:A:ASP:HB3	9	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1749)	1:21:A:THR:HG22	1:24:A:ASP:HB2	9	0.58
(5,1749)	1:21:A:THR:HG22	1:24:A:ASP:HB3	9	0.58
(5,1749)	1:21:A:THR:HG23	1:24:A:ASP:HB2	9	0.58
(5,1749)	1:21:A:THR:HG23	1:24:A:ASP:HB3	9	0.58
(5,1733)	1:67:A:PRO:HD2	1:95:A:ILE:HA	1	0.58
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB2	1	0.58
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB3	1	0.58
(5,1671)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	15	0.58
(5,1671)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	15	0.58
(5,1671)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	15	0.58
(5,1611)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	13	0.58
(5,1611)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	13	0.58
(5,1611)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	13	0.58
(5,1609)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	5	0.58
(5,1609)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	5	0.58
(5,1609)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	5	0.58
(5,1609)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	19	0.58
(5,1609)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	19	0.58
(5,1609)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	19	0.58
(5,1576)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	1	0.58
(5,1576)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	1	0.58
(5,1576)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	1	0.58
(5,1531)	1:11:A:ILE:HG21	1:43:A:MET:HE1	4	0.58
(5,1531)	1:11:A:ILE:HG21	1:43:A:MET:HE2	4	0.58
(5,1531)	1:11:A:ILE:HG21	1:43:A:MET:HE3	4	0.58
(5,1531)	1:11:A:ILE:HG22	1:43:A:MET:HE1	4	0.58
(5,1531)	1:11:A:ILE:HG22	1:43:A:MET:HE2	4	0.58
(5,1531)	1:11:A:ILE:HG22	1:43:A:MET:HE3	4	0.58
(5,1531)	1:11:A:ILE:HG23	1:43:A:MET:HE1	4	0.58
(5,1531)	1:11:A:ILE:HG23	1:43:A:MET:HE2	4	0.58
(5,1531)	1:11:A:ILE:HG23	1:43:A:MET:HE3	4	0.58
(5,1163)	1:145:A:PRO:HB2	1:146:A:GLN:HA	12	0.58
(5,1025)	1:113:A:PHE:HA	1:116:A:GLN:HG3	2	0.58
(5,960)	1:11:A:ILE:HG12	1:43:A:MET:HB2	4	0.58
(5,936)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	8	0.58
(5,936)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	8	0.58
(5,882)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	8	0.58
(5,882)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	8	0.58
(5,882)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	8	0.58
(5,420)	1:39:A:VAL:HG21	1:143:A:TRP:H	1	0.58
(5,420)	1:39:A:VAL:HG22	1:143:A:TRP:H	1	0.58
(5,420)	1:39:A:VAL:HG23	1:143:A:TRP:H	1	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	12	0.58
(5,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	12	0.58
(5,74)	1:28:A:GLY:HA2	1:30:A:LEU:H	1	0.58
(5,74)	1:28:A:GLY:HA3	1:30:A:LEU:H	1	0.58
(4,2428)	1:134:A:VAL:HG11	1:137:A:SER:H	2	0.58
(4,2428)	1:134:A:VAL:HG12	1:137:A:SER:H	2	0.58
(4,2428)	1:134:A:VAL:HG13	1:137:A:SER:H	2	0.58
(4,2428)	1:134:A:VAL:HG21	1:137:A:SER:H	2	0.58
(4,2428)	1:134:A:VAL:HG22	1:137:A:SER:H	2	0.58
(4,2428)	1:134:A:VAL:HG23	1:137:A:SER:H	2	0.58
(4,2404)	1:127:A:CYS:HB2	1:128:A:LEU:HD21	2	0.58
(4,2404)	1:127:A:CYS:HB2	1:128:A:LEU:HD22	2	0.58
(4,2404)	1:127:A:CYS:HB2	1:128:A:LEU:HD23	2	0.58
(4,2404)	1:127:A:CYS:HB3	1:128:A:LEU:HD21	2	0.58
(4,2404)	1:127:A:CYS:HB3	1:128:A:LEU:HD22	2	0.58
(4,2404)	1:127:A:CYS:HB3	1:128:A:LEU:HD23	2	0.58
(4,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	3	0.58
(4,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	3	0.58
(4,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	3	0.58
(4,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	3	0.58
(4,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	3	0.58
(4,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	3	0.58
(4,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	3	0.58
(4,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	3	0.58
(4,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	3	0.58
(4,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	3	0.58
(4,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	3	0.58
(4,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	3	0.58
(4,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	3	0.58
(4,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	3	0.58
(4,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	3	0.58
(4,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	3	0.58
(4,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	3	0.58
(4,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	3	0.58
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG11	18	0.58
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG12	18	0.58
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG13	18	0.58
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG21	18	0.58
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG22	18	0.58
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG23	18	0.58
(4,2210)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	17	0.58
(4,2210)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	17	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2210)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	17	0.58
(4,2210)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	17	0.58
(4,2210)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	17	0.58
(4,2210)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	17	0.58
(4,2210)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	17	0.58
(4,2210)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	17	0.58
(4,2210)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	17	0.58
(4,2210)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	17	0.58
(4,2210)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	17	0.58
(4,2210)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	17	0.58
(4,2210)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	17	0.58
(4,2210)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	17	0.58
(4,2210)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	17	0.58
(4,2210)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	17	0.58
(4,2210)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	17	0.58
(4,2210)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	17	0.58
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	5	0.58
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	5	0.58
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	5	0.58
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG21	5	0.58
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG22	5	0.58
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG23	5	0.58
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG11	6	0.58
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG12	6	0.58
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG13	6	0.58
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG21	6	0.58
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG22	6	0.58
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG23	6	0.58
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG11	6	0.58
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG12	6	0.58
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG13	6	0.58
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG21	6	0.58
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG22	6	0.58
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG23	6	0.58
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG11	6	0.58
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG12	6	0.58
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG13	6	0.58
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG21	6	0.58
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG22	6	0.58
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG23	6	0.58
(4,2036)	1:23:A:LEU:HD11	1:25:A:ALA:H	13	0.58
(4,2036)	1:23:A:LEU:HD12	1:25:A:ALA:H	13	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2036)	1:23:A:LEU:HD13	1:25:A:ALA:H	13	0.58
(4,2036)	1:23:A:LEU:HD21	1:25:A:ALA:H	13	0.58
(4,2036)	1:23:A:LEU:HD22	1:25:A:ALA:H	13	0.58
(4,2036)	1:23:A:LEU:HD23	1:25:A:ALA:H	13	0.58
(4,2036)	1:23:A:LEU:HD11	1:25:A:ALA:H	19	0.58
(4,2036)	1:23:A:LEU:HD12	1:25:A:ALA:H	19	0.58
(4,2036)	1:23:A:LEU:HD13	1:25:A:ALA:H	19	0.58
(4,2036)	1:23:A:LEU:HD21	1:25:A:ALA:H	19	0.58
(4,2036)	1:23:A:LEU:HD22	1:25:A:ALA:H	19	0.58
(4,2036)	1:23:A:LEU:HD23	1:25:A:ALA:H	19	0.58
(4,2034)	1:23:A:LEU:HD11	1:24:A:ASP:H	18	0.58
(4,2034)	1:23:A:LEU:HD12	1:24:A:ASP:H	18	0.58
(4,2034)	1:23:A:LEU:HD13	1:24:A:ASP:H	18	0.58
(4,2034)	1:23:A:LEU:HD21	1:24:A:ASP:H	18	0.58
(4,2034)	1:23:A:LEU:HD22	1:24:A:ASP:H	18	0.58
(4,2034)	1:23:A:LEU:HD23	1:24:A:ASP:H	18	0.58
(4,2019)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	17	0.58
(4,2019)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	17	0.58
(4,2019)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	17	0.58
(4,2019)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	17	0.58
(4,2019)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	17	0.58
(4,2019)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	17	0.58
(4,2019)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	17	0.58
(4,2019)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	17	0.58
(4,2019)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	17	0.58
(4,2019)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	17	0.58
(4,2019)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	17	0.58
(4,2019)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	17	0.58
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD11	11	0.58
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD12	11	0.58
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD13	11	0.58
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD21	11	0.58
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD22	11	0.58
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD23	11	0.58
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD11	11	0.58
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD12	11	0.58
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD13	11	0.58
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD21	11	0.58
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD22	11	0.58
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD23	11	0.58
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	4	0.58
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	4	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	4	0.58
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	4	0.58
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	4	0.58
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	4	0.58
(4,1799)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	6	0.58
(4,1799)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	6	0.58
(4,1799)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	6	0.58
(4,1799)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	6	0.58
(4,1799)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	6	0.58
(4,1799)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	6	0.58
(4,1743)	1:141:A:LYS:HA	1:149:A:ALA:H	18	0.58
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	7	0.58
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	7	0.58
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	7	0.58
(4,1455)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	4	0.58
(4,1455)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	4	0.58
(4,1455)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	4	0.58
(4,1455)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	4	0.58
(4,1455)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	4	0.58
(4,1455)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	4	0.58
(4,1330)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	8	0.58
(4,1330)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	8	0.58
(4,1330)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	8	0.58
(4,1158)	1:27:A:ARG:HB3	1:30:A:LEU:HD21	10	0.58
(4,1158)	1:27:A:ARG:HB3	1:30:A:LEU:HD22	10	0.58
(4,1158)	1:27:A:ARG:HB3	1:30:A:LEU:HD23	10	0.58
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB1	15	0.58
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB2	15	0.58
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB3	15	0.58
(4,841)	1:43:A:MET:HE1	1:131:A:LEU:HB3	12	0.58
(4,841)	1:43:A:MET:HE2	1:131:A:LEU:HB3	12	0.58
(4,841)	1:43:A:MET:HE3	1:131:A:LEU:HB3	12	0.58
(4,739)	1:147:A:ARG:HA	1:147:A:ARG:HE	16	0.58
(4,698)	1:23:A:LEU:HD21	1:27:A:ARG:HE	14	0.58
(4,698)	1:23:A:LEU:HD22	1:27:A:ARG:HE	14	0.58
(4,698)	1:23:A:LEU:HD23	1:27:A:ARG:HE	14	0.58
(4,573)	1:128:A:LEU:HD21	1:130:A:GLY:H	10	0.58
(4,573)	1:128:A:LEU:HD22	1:130:A:GLY:H	10	0.58
(4,573)	1:128:A:LEU:HD23	1:130:A:GLY:H	10	0.58
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB2	11	0.58
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB3	11	0.58
(4,90)	1:150:A:THR:HA	1:151:A:PHE:H	13	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD11	3	0.58
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD12	3	0.58
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD13	3	0.58
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD21	3	0.58
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD22	3	0.58
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD23	3	0.58
(3,2323)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	11	0.58
(3,2323)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	11	0.58
(3,2323)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	11	0.58
(3,2323)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	11	0.58
(3,2323)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	11	0.58
(3,2323)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	11	0.58
(3,2323)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	11	0.58
(3,2323)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	11	0.58
(3,2323)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	11	0.58
(3,2323)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	11	0.58
(3,2323)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	11	0.58
(3,2323)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	11	0.58
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	18	0.58
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	18	0.58
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	18	0.58
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	18	0.58
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	18	0.58
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	18	0.58
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	18	0.58
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	18	0.58
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	18	0.58
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	18	0.58
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	18	0.58
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	18	0.58
(3,2317)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	16	0.58
(3,2317)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	16	0.58
(3,2317)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	16	0.58
(3,2317)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	16	0.58
(3,2317)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	16	0.58
(3,2317)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	16	0.58
(3,2232)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	12	0.58
(3,2232)	1:60:A:LEU:HD11	1:122:A:ASP:HB3	12	0.58
(3,2232)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	12	0.58
(3,2232)	1:60:A:LEU:HD12	1:122:A:ASP:HB3	12	0.58
(3,2232)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	12	0.58
(3,2232)	1:60:A:LEU:HD13	1:122:A:ASP:HB3	12	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2232)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	12	0.58
(3,2232)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	12	0.58
(3,2232)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	12	0.58
(3,2232)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	12	0.58
(3,2232)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	12	0.58
(3,2232)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	12	0.58
(3,2105)	1:35:A:LEU:HD11	1:143:A:TRP:HA	2	0.58
(3,2105)	1:35:A:LEU:HD12	1:143:A:TRP:HA	2	0.58
(3,2105)	1:35:A:LEU:HD13	1:143:A:TRP:HA	2	0.58
(3,2105)	1:35:A:LEU:HD21	1:143:A:TRP:HA	2	0.58
(3,2105)	1:35:A:LEU:HD22	1:143:A:TRP:HA	2	0.58
(3,2105)	1:35:A:LEU:HD23	1:143:A:TRP:HA	2	0.58
(3,1883)	1:9:A:PHE:HZ	1:11:A:ILE:HA	12	0.58
(3,1742)	1:67:A:PRO:HD2	1:95:A:ILE:HA	1	0.58
(3,1685)	1:134:A:VAL:HG21	1:137:A:SER:H	13	0.58
(3,1685)	1:134:A:VAL:HG22	1:137:A:SER:H	13	0.58
(3,1685)	1:134:A:VAL:HG23	1:137:A:SER:H	13	0.58
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	10	0.58
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	10	0.58
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	10	0.58
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	10	0.58
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	10	0.58
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	10	0.58
(3,1498)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	4	0.58
(3,1498)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	4	0.58
(3,1498)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	4	0.58
(3,1498)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	4	0.58
(3,1498)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	4	0.58
(3,1498)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	4	0.58
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG21	15	0.58
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG22	15	0.58
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG23	15	0.58
(3,1319)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	1	0.58
(3,1319)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	1	0.58
(3,1319)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	1	0.58
(3,1319)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	1	0.58
(3,1319)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	1	0.58
(3,1319)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	1	0.58
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD21	5	0.58
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD22	5	0.58
(3,1250)	1:43:A:MET:HE1	1:144:A:LEU:HD23	5	0.58
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD21	5	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD22	5	0.58
(3,1250)	1:43:A:MET:HE2	1:144:A:LEU:HD23	5	0.58
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD21	5	0.58
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD22	5	0.58
(3,1250)	1:43:A:MET:HE3	1:144:A:LEU:HD23	5	0.58
(3,1245)	1:34:A:LYS:H	1:81:A:GLU:HA	15	0.58
(3,1104)	1:48:A:ARG:HG2	1:49:A:LYS:HA	14	0.58
(3,1104)	1:48:A:ARG:HG3	1:49:A:LYS:HA	14	0.58
(3,1104)	1:48:A:ARG:HG2	1:49:A:LYS:HA	19	0.58
(3,1104)	1:48:A:ARG:HG3	1:49:A:LYS:HA	19	0.58
(3,1103)	1:45:A:ALA:HA	1:48:A:ARG:HG2	10	0.58
(3,1103)	1:45:A:ALA:HA	1:48:A:ARG:HG3	10	0.58
(3,852)	1:48:A:ARG:HD2	1:49:A:LYS:HA	11	0.58
(3,852)	1:48:A:ARG:HD3	1:49:A:LYS:HA	11	0.58
(3,638)	1:9:A:PHE:HZ	1:58:A:ILE:H	3	0.58
(3,586)	1:126:A:GLY:H	1:128:A:LEU:HG	19	0.58
(3,264)	1:39:A:VAL:H	1:40:A:LEU:HB2	5	0.58
(3,111)	1:21:A:THR:HB	1:22:A:ASP:H	10	0.58
(3,89)	1:150:A:THR:HA	1:151:A:PHE:H	13	0.58
(2,2466)	1:141:A:LYS:HA	1:148:A:CYS:HB2	8	0.58
(2,2466)	1:141:A:LYS:HA	1:148:A:CYS:HB3	8	0.58
(2,2081)	1:34:A:LYS:H	1:81:A:GLU:HB2	9	0.58
(2,2081)	1:34:A:LYS:H	1:81:A:GLU:HB3	9	0.58
(2,2056)	1:23:A:LEU:HD11	1:25:A:ALA:H	13	0.58
(2,2056)	1:23:A:LEU:HD12	1:25:A:ALA:H	13	0.58
(2,2056)	1:23:A:LEU:HD13	1:25:A:ALA:H	13	0.58
(2,2056)	1:23:A:LEU:HD21	1:25:A:ALA:H	13	0.58
(2,2056)	1:23:A:LEU:HD22	1:25:A:ALA:H	13	0.58
(2,2056)	1:23:A:LEU:HD23	1:25:A:ALA:H	13	0.58
(2,2056)	1:23:A:LEU:HD11	1:25:A:ALA:H	19	0.58
(2,2056)	1:23:A:LEU:HD12	1:25:A:ALA:H	19	0.58
(2,2056)	1:23:A:LEU:HD13	1:25:A:ALA:H	19	0.58
(2,2056)	1:23:A:LEU:HD21	1:25:A:ALA:H	19	0.58
(2,2056)	1:23:A:LEU:HD22	1:25:A:ALA:H	19	0.58
(2,2056)	1:23:A:LEU:HD23	1:25:A:ALA:H	19	0.58
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE1	3	0.58
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE2	3	0.58
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE3	3	0.58
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE1	3	0.58
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE2	3	0.58
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE3	3	0.58
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE1	3	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE2	3	0.58
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE3	3	0.58
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE1	3	0.58
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE2	3	0.58
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE3	3	0.58
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE1	3	0.58
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE2	3	0.58
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE3	3	0.58
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE1	3	0.58
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE2	3	0.58
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE3	3	0.58
(2,1862)	1:143:A:TRP:HA	1:143:A:TRP:HE3	9	0.58
(2,1787)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	6	0.58
(2,1787)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	6	0.58
(2,1787)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	6	0.58
(2,1787)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	8	0.58
(2,1787)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	8	0.58
(2,1787)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	8	0.58
(2,1781)	1:141:A:LYS:HA	1:149:A:ALA:H	18	0.58
(2,1724)	1:141:A:LYS:HA	1:145:A:PRO:HD3	2	0.58
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB2	1	0.58
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB3	1	0.58
(2,1582)	1:11:A:ILE:HD11	1:43:A:MET:HB2	14	0.58
(2,1582)	1:11:A:ILE:HD12	1:43:A:MET:HB2	14	0.58
(2,1582)	1:11:A:ILE:HD13	1:43:A:MET:HB2	14	0.58
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD21	10	0.58
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD22	10	0.58
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD23	10	0.58
(2,1492)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	9	0.58
(2,1492)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	9	0.58
(2,1492)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	9	0.58
(2,1492)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	9	0.58
(2,1492)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	9	0.58
(2,1492)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	9	0.58
(2,1470)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	11	0.58
(2,1470)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	11	0.58
(2,1470)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	11	0.58
(2,1255)	1:23:A:LEU:HA	1:23:A:LEU:HD11	8	0.58
(2,1255)	1:23:A:LEU:HA	1:23:A:LEU:HD12	8	0.58
(2,1255)	1:23:A:LEU:HA	1:23:A:LEU:HD13	8	0.58
(2,1172)	1:128:A:LEU:HD11	1:129:A:LYS:H	9	0.58
(2,1172)	1:128:A:LEU:HD12	1:129:A:LYS:H	9	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1172)	1:128:A:LEU:HD13	1:129:A:LYS:H	9	0.58
(2,981)	1:105:A:LYS:HD2	1:107:A:LEU:H	2	0.58
(2,981)	1:105:A:LYS:HD3	1:107:A:LEU:H	2	0.58
(2,886)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	8	0.58
(2,886)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	8	0.58
(2,886)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	8	0.58
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG11	17	0.58
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG12	17	0.58
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG13	17	0.58
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG11	19	0.58
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG12	19	0.58
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG13	19	0.58
(2,538)	1:60:A:LEU:HD21	1:61:A:SER:H	3	0.58
(2,538)	1:60:A:LEU:HD22	1:61:A:SER:H	3	0.58
(2,538)	1:60:A:LEU:HD23	1:61:A:SER:H	3	0.58
(2,67)	1:13:A:ALA:HB1	1:81:A:GLU:H	1	0.58
(2,67)	1:13:A:ALA:HB2	1:81:A:GLU:H	1	0.58
(2,67)	1:13:A:ALA:HB3	1:81:A:GLU:H	1	0.58
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	18	0.58
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	18	0.58
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	18	0.58
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	18	0.58
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	18	0.58
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	18	0.58
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	18	0.58
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	18	0.58
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	18	0.58
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	18	0.58
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	18	0.58
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	18	0.58
(1,2197)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	17	0.58
(1,2197)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	17	0.58
(1,2197)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	17	0.58
(1,2197)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	17	0.58
(1,2197)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	17	0.58
(1,2197)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	17	0.58
(1,2197)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	17	0.58
(1,2197)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	17	0.58
(1,2197)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	17	0.58
(1,2197)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	17	0.58
(1,2197)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	17	0.58
(1,2197)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	17	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2197)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	17	0.58
(1,2197)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	17	0.58
(1,2197)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	17	0.58
(1,2197)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	17	0.58
(1,2197)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	17	0.58
(1,2197)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	17	0.58
(1,2046)	1:29:A:LYS:HA	1:30:A:LEU:HD11	3	0.58
(1,2046)	1:29:A:LYS:HA	1:30:A:LEU:HD12	3	0.58
(1,2046)	1:29:A:LYS:HA	1:30:A:LEU:HD13	3	0.58
(1,2046)	1:29:A:LYS:HA	1:30:A:LEU:HD21	3	0.58
(1,2046)	1:29:A:LYS:HA	1:30:A:LEU:HD22	3	0.58
(1,2046)	1:29:A:LYS:HA	1:30:A:LEU:HD23	3	0.58
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	12	0.58
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	12	0.58
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	12	0.58
(1,1881)	1:9:A:PHE:HE1	1:14:A:VAL:HB	5	0.58
(1,1881)	1:9:A:PHE:HE2	1:14:A:VAL:HB	5	0.58
(1,1880)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	1	0.58
(1,1880)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	1	0.58
(1,1636)	1:10:A:ASN:HB3	1:14:A:VAL:HB	5	0.58
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	1	0.58
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	1	0.58
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	1	0.58
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	1	0.58
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	1	0.58
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	1	0.58
(1,1598)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	13	0.58
(1,1598)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	13	0.58
(1,1598)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	13	0.58
(1,1582)	1:11:A:ILE:HD11	1:43:A:MET:HB2	14	0.58
(1,1582)	1:11:A:ILE:HD12	1:43:A:MET:HB2	14	0.58
(1,1582)	1:11:A:ILE:HD13	1:43:A:MET:HB2	14	0.58
(1,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE1	4	0.58
(1,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE2	4	0.58
(1,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE3	4	0.58
(1,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE1	4	0.58
(1,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE2	4	0.58
(1,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE3	4	0.58
(1,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE1	4	0.58
(1,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE2	4	0.58
(1,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE3	4	0.58
(1,1516)	1:43:A:MET:HE1	1:44:A:GLU:HA	12	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1516)	1:43:A:MET:HE2	1:44:A:GLU:HA	12	0.58
(1,1516)	1:43:A:MET:HE3	1:44:A:GLU:HA	12	0.58
(1,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	9	0.58
(1,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	9	0.58
(1,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	9	0.58
(1,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	9	0.58
(1,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	9	0.58
(1,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	9	0.58
(1,1482)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	15	0.58
(1,1482)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	15	0.58
(1,1482)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	15	0.58
(1,1480)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	4	0.58
(1,1480)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	4	0.58
(1,1480)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	4	0.58
(1,1480)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	4	0.58
(1,1480)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	4	0.58
(1,1480)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	4	0.58
(1,1369)	1:12:A:VAL:HG21	1:43:A:MET:HG3	17	0.58
(1,1369)	1:12:A:VAL:HG22	1:43:A:MET:HG3	17	0.58
(1,1369)	1:12:A:VAL:HG23	1:43:A:MET:HG3	17	0.58
(1,1369)	1:12:A:VAL:HG21	1:43:A:MET:HG3	18	0.58
(1,1369)	1:12:A:VAL:HG22	1:43:A:MET:HG3	18	0.58
(1,1369)	1:12:A:VAL:HG23	1:43:A:MET:HG3	18	0.58
(1,1362)	1:119:A:LEU:HA	1:121:A:VAL:HG11	12	0.58
(1,1362)	1:119:A:LEU:HA	1:121:A:VAL:HG12	12	0.58
(1,1362)	1:119:A:LEU:HA	1:121:A:VAL:HG13	12	0.58
(1,1345)	1:125:A:THR:HG21	1:128:A:LEU:HB2	5	0.58
(1,1345)	1:125:A:THR:HG22	1:128:A:LEU:HB2	5	0.58
(1,1345)	1:125:A:THR:HG23	1:128:A:LEU:HB2	5	0.58
(1,1345)	1:125:A:THR:HG21	1:128:A:LEU:HB2	17	0.58
(1,1345)	1:125:A:THR:HG22	1:128:A:LEU:HB2	17	0.58
(1,1345)	1:125:A:THR:HG23	1:128:A:LEU:HB2	17	0.58
(1,1272)	1:15:A:ALA:HA	1:131:A:LEU:HB2	2	0.58
(1,1095)	1:45:A:ALA:HA	1:48:A:ARG:HG2	12	0.58
(1,1095)	1:45:A:ALA:HA	1:48:A:ARG:HG3	12	0.58
(1,1076)	1:66:A:THR:HG21	1:95:A:ILE:HA	15	0.58
(1,1076)	1:66:A:THR:HG22	1:95:A:ILE:HA	15	0.58
(1,1076)	1:66:A:THR:HG23	1:95:A:ILE:HA	15	0.58
(1,1009)	1:105:A:LYS:HD2	1:107:A:LEU:H	15	0.58
(1,1009)	1:105:A:LYS:HD3	1:107:A:LEU:H	15	0.58
(1,908)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	8	0.58
(1,908)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	8	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,908)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	8	0.58
(1,881)	1:8:A:ASP:HB2	1:54:A:ARG:HE	16	0.58
(1,857)	1:48:A:ARG:HD2	1:49:A:LYS:H	11	0.58
(1,857)	1:48:A:ARG:HD3	1:49:A:LYS:H	11	0.58
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	17	0.58
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	17	0.58
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	17	0.58
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	17	0.58
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	17	0.58
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	17	0.58
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	17	0.58
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	17	0.58
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	17	0.58
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG11	17	0.58
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG12	17	0.58
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG13	17	0.58
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG11	19	0.58
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG12	19	0.58
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG13	19	0.58
(1,587)	1:126:A:GLY:H	1:128:A:LEU:HG	19	0.58
(1,498)	1:97:A:ASP:HB2	1:105:A:LYS:H	7	0.58
(1,498)	1:97:A:ASP:HB3	1:105:A:LYS:H	7	0.58
(1,93)	1:150:A:THR:HA	1:151:A:PHE:H	13	0.58
(34,2292)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	11	0.57
(34,2292)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	11	0.57
(34,2292)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	11	0.57
(34,2292)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	11	0.57
(34,2292)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	11	0.57
(34,2292)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	11	0.57
(34,2292)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	11	0.57
(34,2292)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	11	0.57
(34,2292)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	11	0.57
(34,2292)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	11	0.57
(34,2292)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	11	0.57
(34,2292)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	11	0.57
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	1	0.57
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	1	0.57
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	1	0.57
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	1	0.57
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	1	0.57
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	1	0.57
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	1	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	1	0.57
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	1	0.57
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	1	0.57
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	1	0.57
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	1	0.57
(34,2142)	1:40:A:LEU:HD11	1:45:A:ALA:H	18	0.57
(34,2142)	1:40:A:LEU:HD12	1:45:A:ALA:H	18	0.57
(34,2142)	1:40:A:LEU:HD13	1:45:A:ALA:H	18	0.57
(34,2142)	1:40:A:LEU:HD21	1:45:A:ALA:H	18	0.57
(34,2142)	1:40:A:LEU:HD22	1:45:A:ALA:H	18	0.57
(34,2142)	1:40:A:LEU:HD23	1:45:A:ALA:H	18	0.57
(34,1978)	1:12:A:VAL:HG11	1:79:A:THR:HB	7	0.57
(34,1978)	1:12:A:VAL:HG12	1:79:A:THR:HB	7	0.57
(34,1978)	1:12:A:VAL:HG13	1:79:A:THR:HB	7	0.57
(34,1978)	1:12:A:VAL:HG21	1:79:A:THR:HB	7	0.57
(34,1978)	1:12:A:VAL:HG22	1:79:A:THR:HB	7	0.57
(34,1978)	1:12:A:VAL:HG23	1:79:A:THR:HB	7	0.57
(34,1968)	1:12:A:VAL:HA	1:40:A:LEU:HD11	14	0.57
(34,1968)	1:12:A:VAL:HA	1:40:A:LEU:HD12	14	0.57
(34,1968)	1:12:A:VAL:HA	1:40:A:LEU:HD13	14	0.57
(34,1968)	1:12:A:VAL:HA	1:40:A:LEU:HD21	14	0.57
(34,1968)	1:12:A:VAL:HA	1:40:A:LEU:HD22	14	0.57
(34,1968)	1:12:A:VAL:HA	1:40:A:LEU:HD23	14	0.57
(34,1905)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	17	0.57
(34,1905)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	17	0.57
(34,1905)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	17	0.57
(34,1905)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	17	0.57
(34,1796)	1:13:A:ALA:H	1:80:A:TYR:HD1	15	0.57
(34,1796)	1:13:A:ALA:H	1:80:A:TYR:HD2	15	0.57
(34,1778)	1:97:A:ASP:HA	1:105:A:LYS:HA	3	0.57
(34,1721)	1:67:A:PRO:HD2	1:95:A:ILE:HA	1	0.57
(34,1662)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	18	0.57
(34,1662)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	18	0.57
(34,1662)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	18	0.57
(34,1662)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	18	0.57
(34,1662)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	18	0.57
(34,1662)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	18	0.57
(34,1522)	1:12:A:VAL:HA	1:43:A:MET:HE1	11	0.57
(34,1522)	1:12:A:VAL:HA	1:43:A:MET:HE2	11	0.57
(34,1522)	1:12:A:VAL:HA	1:43:A:MET:HE3	11	0.57
(34,1516)	1:43:A:MET:H	1:43:A:MET:HE1	8	0.57
(34,1516)	1:43:A:MET:H	1:43:A:MET:HE2	8	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1516)	1:43:A:MET:H	1:43:A:MET:HE3	8	0.57
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	16	0.57
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	16	0.57
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	16	0.57
(34,1293)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	1	0.57
(34,1293)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	1	0.57
(34,1293)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	1	0.57
(34,1293)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	1	0.57
(34,1293)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	1	0.57
(34,1293)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	1	0.57
(34,1272)	1:38:A:GLU:HB2	1:139:A:LEU:HD21	17	0.57
(34,1272)	1:38:A:GLU:HB2	1:139:A:LEU:HD22	17	0.57
(34,1272)	1:38:A:GLU:HB2	1:139:A:LEU:HD23	17	0.57
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD11	19	0.57
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD12	19	0.57
(34,1253)	1:29:A:LYS:HB2	1:144:A:LEU:HD13	19	0.57
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD11	19	0.57
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD12	19	0.57
(34,1253)	1:29:A:LYS:HB3	1:144:A:LEU:HD13	19	0.57
(34,1238)	1:69:A:MET:HE1	1:110:A:MET:HA	1	0.57
(34,1238)	1:69:A:MET:HE2	1:110:A:MET:HA	1	0.57
(34,1238)	1:69:A:MET:HE3	1:110:A:MET:HA	1	0.57
(34,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD21	14	0.57
(34,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD22	14	0.57
(34,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD23	14	0.57
(34,1180)	1:13:A:ALA:HB1	1:80:A:TYR:HA	8	0.57
(34,1180)	1:13:A:ALA:HB2	1:80:A:TYR:HA	8	0.57
(34,1180)	1:13:A:ALA:HB3	1:80:A:TYR:HA	8	0.57
(34,1102)	1:54:A:ARG:HA	1:57:A:LEU:HD21	9	0.57
(34,1102)	1:54:A:ARG:HA	1:57:A:LEU:HD22	9	0.57
(34,1102)	1:54:A:ARG:HA	1:57:A:LEU:HD23	9	0.57
(34,1102)	1:54:A:ARG:HA	1:57:A:LEU:HD21	13	0.57
(34,1102)	1:54:A:ARG:HA	1:57:A:LEU:HD22	13	0.57
(34,1102)	1:54:A:ARG:HA	1:57:A:LEU:HD23	13	0.57
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD11	11	0.57
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD12	11	0.57
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD13	11	0.57
(34,940)	1:125:A:THR:HB	1:128:A:LEU:HB2	16	0.57
(34,917)	1:20:A:THR:H	1:21:A:THR:HB	8	0.57
(34,899)	1:151:A:PHE:H	1:151:A:PHE:HB3	19	0.57
(34,832)	1:114:A:ILE:HD11	1:117:A:VAL:H	16	0.57
(34,832)	1:114:A:ILE:HD12	1:117:A:VAL:H	16	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,832)	1:114:A:ILE:HD13	1:117:A:VAL:H	16	0.57
(34,804)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	19	0.57
(34,804)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	19	0.57
(34,804)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	19	0.57
(34,804)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	19	0.57
(34,804)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	19	0.57
(34,804)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	19	0.57
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG11	15	0.57
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG12	15	0.57
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG13	15	0.57
(34,666)	1:101:A:ILE:HB	1:103:A:ARG:H	5	0.57
(34,509)	1:105:A:LYS:H	1:105:A:LYS:HD2	19	0.57
(34,509)	1:105:A:LYS:H	1:105:A:LYS:HD3	19	0.57
(34,321)	1:40:A:LEU:HD11	1:43:A:MET:H	12	0.57
(34,321)	1:40:A:LEU:HD12	1:43:A:MET:H	12	0.57
(34,321)	1:40:A:LEU:HD13	1:43:A:MET:H	12	0.57
(34,239)	1:11:A:ILE:HB	1:44:A:GLU:H	11	0.57
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD11	3	0.57
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD12	3	0.57
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD13	3	0.57
(33,2245)	1:68:A:LYS:H	1:70:A:LYS:HG2	8	0.57
(33,2245)	1:68:A:LYS:H	1:70:A:LYS:HG3	8	0.57
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD11	6	0.57
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD12	6	0.57
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD13	6	0.57
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD21	6	0.57
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD22	6	0.57
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD23	6	0.57
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD11	12	0.57
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD12	12	0.57
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD13	12	0.57
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD21	12	0.57
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD22	12	0.57
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD23	12	0.57
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	14	0.57
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	14	0.57
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	14	0.57
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	14	0.57
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	14	0.57
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	14	0.57
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	14	0.57
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	14	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	14	0.57
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	14	0.57
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	14	0.57
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	14	0.57
(33,2017)	1:18:A:PHE:HB2	1:132:A:ALA:H	2	0.57
(33,2017)	1:18:A:PHE:HB3	1:132:A:ALA:H	2	0.57
(33,1992)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	8	0.57
(33,1992)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	8	0.57
(33,1992)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	8	0.57
(33,1992)	1:14:A:VAL:HG11	1:60:A:LEU:HD21	8	0.57
(33,1992)	1:14:A:VAL:HG11	1:60:A:LEU:HD22	8	0.57
(33,1992)	1:14:A:VAL:HG11	1:60:A:LEU:HD23	8	0.57
(33,1992)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	8	0.57
(33,1992)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	8	0.57
(33,1992)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	8	0.57
(33,1992)	1:14:A:VAL:HG12	1:60:A:LEU:HD21	8	0.57
(33,1992)	1:14:A:VAL:HG12	1:60:A:LEU:HD22	8	0.57
(33,1992)	1:14:A:VAL:HG12	1:60:A:LEU:HD23	8	0.57
(33,1992)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	8	0.57
(33,1992)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	8	0.57
(33,1992)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	8	0.57
(33,1992)	1:14:A:VAL:HG13	1:60:A:LEU:HD21	8	0.57
(33,1992)	1:14:A:VAL:HG13	1:60:A:LEU:HD22	8	0.57
(33,1992)	1:14:A:VAL:HG13	1:60:A:LEU:HD23	8	0.57
(33,1992)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	8	0.57
(33,1992)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	8	0.57
(33,1992)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	8	0.57
(33,1992)	1:14:A:VAL:HG21	1:60:A:LEU:HD21	8	0.57
(33,1992)	1:14:A:VAL:HG21	1:60:A:LEU:HD22	8	0.57
(33,1992)	1:14:A:VAL:HG21	1:60:A:LEU:HD23	8	0.57
(33,1992)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	8	0.57
(33,1992)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	8	0.57
(33,1992)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	8	0.57
(33,1992)	1:14:A:VAL:HG22	1:60:A:LEU:HD21	8	0.57
(33,1992)	1:14:A:VAL:HG22	1:60:A:LEU:HD22	8	0.57
(33,1992)	1:14:A:VAL:HG22	1:60:A:LEU:HD23	8	0.57
(33,1992)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	8	0.57
(33,1992)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	8	0.57
(33,1992)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	8	0.57
(33,1992)	1:14:A:VAL:HG23	1:60:A:LEU:HD21	8	0.57
(33,1992)	1:14:A:VAL:HG23	1:60:A:LEU:HD22	8	0.57
(33,1992)	1:14:A:VAL:HG23	1:60:A:LEU:HD23	8	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1962)	1:12:A:VAL:HA	1:40:A:LEU:HD11	14	0.57
(33,1962)	1:12:A:VAL:HA	1:40:A:LEU:HD12	14	0.57
(33,1962)	1:12:A:VAL:HA	1:40:A:LEU:HD13	14	0.57
(33,1962)	1:12:A:VAL:HA	1:40:A:LEU:HD21	14	0.57
(33,1962)	1:12:A:VAL:HA	1:40:A:LEU:HD22	14	0.57
(33,1962)	1:12:A:VAL:HA	1:40:A:LEU:HD23	14	0.57
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	19	0.57
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	19	0.57
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	19	0.57
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	19	0.57
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	19	0.57
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	19	0.57
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	19	0.57
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	19	0.57
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	19	0.57
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	19	0.57
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	19	0.57
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	19	0.57
(33,1897)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	17	0.57
(33,1897)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	17	0.57
(33,1897)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	17	0.57
(33,1897)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	17	0.57
(33,1733)	1:31:A:PRO:HB2	1:35:A:LEU:HA	5	0.57
(33,1733)	1:31:A:PRO:HB3	1:35:A:LEU:HA	5	0.57
(33,1573)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	2	0.57
(33,1573)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	2	0.57
(33,1573)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	2	0.57
(33,1510)	1:69:A:MET:HE1	1:116:A:GLN:HE21	2	0.57
(33,1510)	1:69:A:MET:HE2	1:116:A:GLN:HE21	2	0.57
(33,1510)	1:69:A:MET:HE3	1:116:A:GLN:HE21	2	0.57
(33,1499)	1:12:A:VAL:HA	1:43:A:MET:HE1	11	0.57
(33,1499)	1:12:A:VAL:HA	1:43:A:MET:HE2	11	0.57
(33,1499)	1:12:A:VAL:HA	1:43:A:MET:HE3	11	0.57
(33,1388)	1:19:A:ALA:HB1	1:132:A:ALA:HA	3	0.57
(33,1388)	1:19:A:ALA:HB2	1:132:A:ALA:HA	3	0.57
(33,1388)	1:19:A:ALA:HB3	1:132:A:ALA:HA	3	0.57
(33,1157)	1:13:A:ALA:HB1	1:80:A:TYR:HA	14	0.57
(33,1157)	1:13:A:ALA:HB2	1:80:A:TYR:HA	14	0.57
(33,1157)	1:13:A:ALA:HB3	1:80:A:TYR:HA	14	0.57
(33,1082)	1:45:A:ALA:HA	1:48:A:ARG:HG2	5	0.57
(33,1082)	1:45:A:ALA:HA	1:48:A:ARG:HG3	5	0.57
(33,967)	1:11:A:ILE:HD11	1:43:A:MET:HB3	14	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,967)	1:11:A:ILE:HD12	1:43:A:MET:HB3	14	0.57
(33,967)	1:11:A:ILE:HD13	1:43:A:MET:HB3	14	0.57
(33,953)	1:39:A:VAL:HA	1:140:A:LEU:HD21	17	0.57
(33,953)	1:39:A:VAL:HA	1:140:A:LEU:HD22	17	0.57
(33,953)	1:39:A:VAL:HA	1:140:A:LEU:HD23	17	0.57
(33,864)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	8	0.57
(33,864)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	8	0.57
(33,831)	1:114:A:ILE:HD11	1:117:A:VAL:H	16	0.57
(33,831)	1:114:A:ILE:HD12	1:117:A:VAL:H	16	0.57
(33,831)	1:114:A:ILE:HD13	1:117:A:VAL:H	16	0.57
(33,800)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	7	0.57
(33,800)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	7	0.57
(33,800)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	7	0.57
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG11	15	0.57
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG12	15	0.57
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG13	15	0.57
(33,572)	1:11:A:ILE:HD11	1:16:A:SER:H	2	0.57
(33,572)	1:11:A:ILE:HD12	1:16:A:SER:H	2	0.57
(33,572)	1:11:A:ILE:HD13	1:16:A:SER:H	2	0.57
(33,470)	1:14:A:VAL:H	1:61:A:SER:HA	17	0.57
(33,233)	1:40:A:LEU:HD21	1:44:A:GLU:H	13	0.57
(33,233)	1:40:A:LEU:HD22	1:44:A:GLU:H	13	0.57
(33,233)	1:40:A:LEU:HD23	1:44:A:GLU:H	13	0.57
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG2	10	0.57
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG3	10	0.57
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD11	6	0.57
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD12	6	0.57
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD13	6	0.57
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD21	6	0.57
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD22	6	0.57
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD23	6	0.57
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	15	0.57
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	15	0.57
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	15	0.57
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	15	0.57
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	15	0.57
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	15	0.57
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	15	0.57
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	15	0.57
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	15	0.57
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	15	0.57
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	15	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	15	0.57
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD11	13	0.57
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD12	13	0.57
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD13	13	0.57
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD21	13	0.57
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD22	13	0.57
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD23	13	0.57
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD11	13	0.57
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD12	13	0.57
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD13	13	0.57
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD21	13	0.57
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD22	13	0.57
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD23	13	0.57
(32,1851)	1:104:A:PHE:HE1	1:105:A:LYS:H	7	0.57
(32,1851)	1:104:A:PHE:HE2	1:105:A:LYS:H	7	0.57
(32,1810)	1:79:A:THR:HB	1:80:A:TYR:HE1	8	0.57
(32,1810)	1:79:A:THR:HB	1:80:A:TYR:HE2	8	0.57
(32,1784)	1:9:A:PHE:HZ	1:54:A:ARG:HE	6	0.57
(32,1754)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	16	0.57
(32,1754)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	16	0.57
(32,1754)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	16	0.57
(32,1754)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	16	0.57
(32,1754)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	16	0.57
(32,1754)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	16	0.57
(32,1695)	1:31:A:PRO:HB2	1:35:A:LEU:HA	11	0.57
(32,1695)	1:31:A:PRO:HB3	1:35:A:LEU:HA	11	0.57
(32,1465)	1:12:A:VAL:HA	1:43:A:MET:HE1	11	0.57
(32,1465)	1:12:A:VAL:HA	1:43:A:MET:HE2	11	0.57
(32,1465)	1:12:A:VAL:HA	1:43:A:MET:HE3	11	0.57
(32,1312)	1:17:A:ASN:HA	1:76:A:ARG:HA	10	0.57
(32,1237)	1:15:A:ALA:HA	1:131:A:LEU:HB2	4	0.57
(32,1116)	1:13:A:ALA:HB1	1:80:A:TYR:HA	8	0.57
(32,1116)	1:13:A:ALA:HB2	1:80:A:TYR:HA	8	0.57
(32,1116)	1:13:A:ALA:HB3	1:80:A:TYR:HA	8	0.57
(32,847)	1:56:A:CYS:H	1:122:A:ASP:HB2	7	0.57
(32,808)	1:114:A:ILE:HD11	1:117:A:VAL:H	16	0.57
(32,808)	1:114:A:ILE:HD12	1:117:A:VAL:H	16	0.57
(32,808)	1:114:A:ILE:HD13	1:117:A:VAL:H	16	0.57
(32,807)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	4	0.57
(32,807)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	4	0.57
(32,807)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	4	0.57
(32,807)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	4	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,807)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	4	0.57
(32,807)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	4	0.57
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	7	0.57
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	7	0.57
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	7	0.57
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	7	0.57
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	7	0.57
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	7	0.57
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	7	0.57
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	7	0.57
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	7	0.57
(32,799)	1:98:A:ILE:HD11	1:101:A:ILE:HB	4	0.57
(32,799)	1:98:A:ILE:HD12	1:101:A:ILE:HB	4	0.57
(32,799)	1:98:A:ILE:HD13	1:101:A:ILE:HB	4	0.57
(32,680)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	10	0.57
(32,680)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	10	0.57
(32,459)	1:14:A:VAL:H	1:61:A:SER:HA	17	0.57
(32,325)	1:57:A:LEU:H	1:58:A:ILE:HG13	18	0.57
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD11	10	0.57
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD12	10	0.57
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD13	10	0.57
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD21	10	0.57
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD22	10	0.57
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD23	10	0.57
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	15	0.57
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	15	0.57
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	15	0.57
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	15	0.57
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	15	0.57
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	15	0.57
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	15	0.57
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	15	0.57
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	15	0.57
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	15	0.57
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	15	0.57
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	15	0.57
(30,2148)	1:40:A:LEU:HD11	1:45:A:ALA:H	18	0.57
(30,2148)	1:40:A:LEU:HD12	1:45:A:ALA:H	18	0.57
(30,2148)	1:40:A:LEU:HD13	1:45:A:ALA:H	18	0.57
(30,2148)	1:40:A:LEU:HD21	1:45:A:ALA:H	18	0.57
(30,2148)	1:40:A:LEU:HD22	1:45:A:ALA:H	18	0.57
(30,2148)	1:40:A:LEU:HD23	1:45:A:ALA:H	18	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1967)	1:12:A:VAL:HA	1:40:A:LEU:HD11	14	0.57
(30,1967)	1:12:A:VAL:HA	1:40:A:LEU:HD12	14	0.57
(30,1967)	1:12:A:VAL:HA	1:40:A:LEU:HD13	14	0.57
(30,1967)	1:12:A:VAL:HA	1:40:A:LEU:HD21	14	0.57
(30,1967)	1:12:A:VAL:HA	1:40:A:LEU:HD22	14	0.57
(30,1967)	1:12:A:VAL:HA	1:40:A:LEU:HD23	14	0.57
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	13	0.57
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	13	0.57
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	13	0.57
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	13	0.57
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	13	0.57
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	13	0.57
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	13	0.57
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	13	0.57
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	13	0.57
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	13	0.57
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	13	0.57
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	13	0.57
(30,1769)	1:97:A:ASP:HA	1:105:A:LYS:HA	3	0.57
(30,1505)	1:12:A:VAL:HA	1:43:A:MET:HE1	11	0.57
(30,1505)	1:12:A:VAL:HA	1:43:A:MET:HE2	11	0.57
(30,1505)	1:12:A:VAL:HA	1:43:A:MET:HE3	11	0.57
(30,1444)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	18	0.57
(30,1444)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	18	0.57
(30,1397)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	2	0.57
(30,1397)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	2	0.57
(30,1397)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	2	0.57
(30,1048)	1:110:A:MET:HG2	1:114:A:ILE:HG13	16	0.57
(30,1048)	1:110:A:MET:HG3	1:114:A:ILE:HG13	16	0.57
(30,954)	1:15:A:ALA:HB1	1:43:A:MET:HB2	6	0.57
(30,954)	1:15:A:ALA:HB2	1:43:A:MET:HB2	6	0.57
(30,954)	1:15:A:ALA:HB3	1:43:A:MET:HB2	6	0.57
(30,946)	1:40:A:LEU:HA	1:43:A:MET:HG2	5	0.57
(30,946)	1:40:A:LEU:HA	1:43:A:MET:HG2	15	0.57
(30,885)	1:95:A:ILE:H	1:95:A:ILE:HB	18	0.57
(30,824)	1:114:A:ILE:HD11	1:117:A:VAL:H	16	0.57
(30,824)	1:114:A:ILE:HD12	1:117:A:VAL:H	16	0.57
(30,824)	1:114:A:ILE:HD13	1:117:A:VAL:H	16	0.57
(30,795)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	7	0.57
(30,795)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	7	0.57
(30,795)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	7	0.57
(30,687)	1:145:A:PRO:HB3	1:148:A:CYS:H	3	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,473)	1:14:A:VAL:H	1:61:A:SER:HA	17	0.57
(30,59)	1:34:A:LYS:H	1:81:A:GLU:H	17	0.57
(30,44)	1:44:A:GLU:HG3	1:47:A:ALA:H	3	0.57
(29,2145)	1:40:A:LEU:HD11	1:45:A:ALA:H	18	0.57
(29,2145)	1:40:A:LEU:HD12	1:45:A:ALA:H	18	0.57
(29,2145)	1:40:A:LEU:HD13	1:45:A:ALA:H	18	0.57
(29,2145)	1:40:A:LEU:HD21	1:45:A:ALA:H	18	0.57
(29,2145)	1:40:A:LEU:HD22	1:45:A:ALA:H	18	0.57
(29,2145)	1:40:A:LEU:HD23	1:45:A:ALA:H	18	0.57
(29,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	9	0.57
(29,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	9	0.57
(29,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	9	0.57
(29,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD21	9	0.57
(29,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD22	9	0.57
(29,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD23	9	0.57
(29,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	9	0.57
(29,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	9	0.57
(29,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	9	0.57
(29,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD21	9	0.57
(29,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD22	9	0.57
(29,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD23	9	0.57
(29,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	9	0.57
(29,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	9	0.57
(29,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	9	0.57
(29,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD21	9	0.57
(29,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD22	9	0.57
(29,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD23	9	0.57
(29,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	9	0.57
(29,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	9	0.57
(29,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	9	0.57
(29,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD21	9	0.57
(29,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD22	9	0.57
(29,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD23	9	0.57
(29,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	9	0.57
(29,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	9	0.57
(29,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	9	0.57
(29,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD21	9	0.57
(29,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD22	9	0.57
(29,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD23	9	0.57
(29,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	9	0.57
(29,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	9	0.57
(29,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	9	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD21	9	0.57
(29,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD22	9	0.57
(29,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD23	9	0.57
(29,1997)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	15	0.57
(29,1997)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	15	0.57
(29,1997)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	15	0.57
(29,1997)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	15	0.57
(29,1997)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	15	0.57
(29,1997)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	15	0.57
(29,1997)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	15	0.57
(29,1997)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	15	0.57
(29,1997)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	15	0.57
(29,1997)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	15	0.57
(29,1997)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	15	0.57
(29,1997)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	15	0.57
(29,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD11	14	0.57
(29,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD12	14	0.57
(29,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD13	14	0.57
(29,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD21	14	0.57
(29,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD22	14	0.57
(29,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD23	14	0.57
(29,1955)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	14	0.57
(29,1955)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	14	0.57
(29,1901)	1:104:A:PHE:HE1	1:105:A:LYS:H	7	0.57
(29,1901)	1:104:A:PHE:HE2	1:105:A:LYS:H	7	0.57
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	8	0.57
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	8	0.57
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	8	0.57
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	8	0.57
(29,1804)	1:13:A:ALA:H	1:80:A:TYR:HD1	15	0.57
(29,1804)	1:13:A:ALA:H	1:80:A:TYR:HD2	15	0.57
(29,1681)	1:69:A:MET:HE1	1:116:A:GLN:HE21	2	0.57
(29,1681)	1:69:A:MET:HE2	1:116:A:GLN:HE21	2	0.57
(29,1681)	1:69:A:MET:HE3	1:116:A:GLN:HE21	2	0.57
(29,1667)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	18	0.57
(29,1667)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	18	0.57
(29,1667)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	18	0.57
(29,1667)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	18	0.57
(29,1667)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	18	0.57
(29,1667)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	18	0.57
(29,1662)	1:39:A:VAL:HG11	1:143:A:TRP:H	2	0.57
(29,1662)	1:39:A:VAL:HG12	1:143:A:TRP:H	2	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1662)	1:39:A:VAL:HG13	1:143:A:TRP:H	2	0.57
(29,1598)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	2	0.57
(29,1598)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	2	0.57
(29,1598)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	2	0.57
(29,1519)	1:12:A:VAL:HA	1:43:A:MET:HE1	11	0.57
(29,1519)	1:12:A:VAL:HA	1:43:A:MET:HE2	11	0.57
(29,1519)	1:12:A:VAL:HA	1:43:A:MET:HE3	11	0.57
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	16	0.57
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	16	0.57
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	16	0.57
(29,1363)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	13	0.57
(29,1363)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	13	0.57
(29,1363)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	13	0.57
(29,1278)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	1	0.57
(29,1278)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	1	0.57
(29,1278)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	1	0.57
(29,1278)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	1	0.57
(29,1278)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	1	0.57
(29,1278)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	1	0.57
(29,1166)	1:13:A:ALA:HB1	1:80:A:TYR:HA	8	0.57
(29,1166)	1:13:A:ALA:HB2	1:80:A:TYR:HA	8	0.57
(29,1166)	1:13:A:ALA:HB3	1:80:A:TYR:HA	8	0.57
(29,1074)	1:110:A:MET:HG2	1:114:A:ILE:HG13	16	0.57
(29,1074)	1:110:A:MET:HG3	1:114:A:ILE:HG13	16	0.57
(29,953)	1:67:A:PRO:HA	1:70:A:LYS:HB2	18	0.57
(29,953)	1:67:A:PRO:HA	1:70:A:LYS:HB3	18	0.57
(29,939)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	2	0.57
(29,939)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	2	0.57
(29,939)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	2	0.57
(29,939)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	2	0.57
(29,847)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	16	0.57
(29,847)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	16	0.57
(29,847)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	16	0.57
(29,847)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	16	0.57
(29,847)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	16	0.57
(29,847)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	16	0.57
(29,840)	1:114:A:ILE:HD11	1:117:A:VAL:H	16	0.57
(29,840)	1:114:A:ILE:HD12	1:117:A:VAL:H	16	0.57
(29,840)	1:114:A:ILE:HD13	1:117:A:VAL:H	16	0.57
(29,587)	1:129:A:LYS:HG2	1:130:A:GLY:H	15	0.57
(29,477)	1:14:A:VAL:H	1:61:A:SER:HA	17	0.57
(23,21)	1:129:A:LYS:N	1:125:A:THR:O	6	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(23,21)	1:129:A:LYS:N	1:125:A:THR:O	19	0.57
(23,20)	1:128:A:LEU:N	1:124:A:THR:O	12	0.57
(23,16)	1:117:A:VAL:N	1:113:A:PHE:O	2	0.57
(23,15)	1:116:A:GLN:N	1:112:A:GLN:O	11	0.57
(22,39)	1:128:A:LEU:H	1:124:A:THR:C	5	0.57
(22,6)	1:44:A:GLU:N	1:40:A:LEU:C	5	0.57
(22,6)	1:44:A:GLU:N	1:40:A:LEU:C	7	0.57
(22,6)	1:44:A:GLU:N	1:40:A:LEU:C	16	0.57
(22,5)	1:44:A:GLU:H	1:40:A:LEU:C	2	0.57
(22,2)	1:17:A:ASN:N	1:13:A:ALA:C	1	0.57
(22,2)	1:17:A:ASN:N	1:13:A:ALA:C	13	0.57
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD11	6	0.57
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD12	6	0.57
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD13	6	0.57
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD21	6	0.57
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD22	6	0.57
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD23	6	0.57
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD11	6	0.57
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD12	6	0.57
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD13	6	0.57
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD21	6	0.57
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD22	6	0.57
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD23	6	0.57
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD11	6	0.57
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD12	6	0.57
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD13	6	0.57
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD21	6	0.57
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD22	6	0.57
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD23	6	0.57
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD11	8	0.57
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD12	8	0.57
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD13	8	0.57
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD21	8	0.57
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD22	8	0.57
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD23	8	0.57
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD11	8	0.57
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD12	8	0.57
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD13	8	0.57
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD21	8	0.57
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD22	8	0.57
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD23	8	0.57
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD11	8	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD12	8	0.57
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD13	8	0.57
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD21	8	0.57
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD22	8	0.57
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD23	8	0.57
(18,2241)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	9	0.57
(18,2241)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	9	0.57
(18,2241)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	9	0.57
(18,2241)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	9	0.57
(18,2014)	1:18:A:PHE:HB2	1:132:A:ALA:H	2	0.57
(18,2014)	1:18:A:PHE:HB3	1:132:A:ALA:H	2	0.57
(18,1957)	1:11:A:ILE:HG12	1:57:A:LEU:HD11	14	0.57
(18,1957)	1:11:A:ILE:HG12	1:57:A:LEU:HD12	14	0.57
(18,1957)	1:11:A:ILE:HG12	1:57:A:LEU:HD13	14	0.57
(18,1957)	1:11:A:ILE:HG12	1:57:A:LEU:HD21	14	0.57
(18,1957)	1:11:A:ILE:HG12	1:57:A:LEU:HD22	14	0.57
(18,1957)	1:11:A:ILE:HG12	1:57:A:LEU:HD23	14	0.57
(18,1893)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	13	0.57
(18,1893)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	13	0.57
(18,1893)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	13	0.57
(18,1893)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	13	0.57
(18,1890)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	17	0.57
(18,1890)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	17	0.57
(18,1890)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	17	0.57
(18,1890)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	17	0.57
(18,1801)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	15	0.57
(18,1801)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	15	0.57
(18,1770)	1:13:A:ALA:HA	1:80:A:TYR:HD1	12	0.57
(18,1770)	1:13:A:ALA:HA	1:80:A:TYR:HD2	12	0.57
(18,1749)	1:97:A:ASP:HA	1:105:A:LYS:HA	7	0.57
(18,1732)	1:36:A:PRO:HA	1:37:A:LEU:HD21	14	0.57
(18,1732)	1:36:A:PRO:HA	1:37:A:LEU:HD22	14	0.57
(18,1732)	1:36:A:PRO:HA	1:37:A:LEU:HD23	14	0.57
(18,1684)	1:43:A:MET:HE1	1:131:A:LEU:HB3	6	0.57
(18,1684)	1:43:A:MET:HE2	1:131:A:LEU:HB3	6	0.57
(18,1684)	1:43:A:MET:HE3	1:131:A:LEU:HB3	6	0.57
(18,1684)	1:43:A:MET:HE1	1:131:A:LEU:HB3	17	0.57
(18,1684)	1:43:A:MET:HE2	1:131:A:LEU:HB3	17	0.57
(18,1684)	1:43:A:MET:HE3	1:131:A:LEU:HB3	17	0.57
(18,1644)	1:69:A:MET:HE1	1:116:A:GLN:HE21	2	0.57
(18,1644)	1:69:A:MET:HE2	1:116:A:GLN:HE21	2	0.57
(18,1644)	1:69:A:MET:HE3	1:116:A:GLN:HE21	2	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1635)	1:12:A:VAL:HG11	1:15:A:ALA:HB1	11	0.57
(18,1635)	1:12:A:VAL:HG11	1:15:A:ALA:HB2	11	0.57
(18,1635)	1:12:A:VAL:HG11	1:15:A:ALA:HB3	11	0.57
(18,1635)	1:12:A:VAL:HG12	1:15:A:ALA:HB1	11	0.57
(18,1635)	1:12:A:VAL:HG12	1:15:A:ALA:HB2	11	0.57
(18,1635)	1:12:A:VAL:HG12	1:15:A:ALA:HB3	11	0.57
(18,1635)	1:12:A:VAL:HG13	1:15:A:ALA:HB1	11	0.57
(18,1635)	1:12:A:VAL:HG13	1:15:A:ALA:HB2	11	0.57
(18,1635)	1:12:A:VAL:HG13	1:15:A:ALA:HB3	11	0.57
(18,1570)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	2	0.57
(18,1570)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	2	0.57
(18,1570)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	2	0.57
(18,1523)	1:69:A:MET:HE1	1:112:A:GLN:HG2	11	0.57
(18,1523)	1:69:A:MET:HE1	1:112:A:GLN:HG3	11	0.57
(18,1523)	1:69:A:MET:HE2	1:112:A:GLN:HG2	11	0.57
(18,1523)	1:69:A:MET:HE2	1:112:A:GLN:HG3	11	0.57
(18,1523)	1:69:A:MET:HE3	1:112:A:GLN:HG2	11	0.57
(18,1523)	1:69:A:MET:HE3	1:112:A:GLN:HG3	11	0.57
(18,1497)	1:12:A:VAL:HA	1:43:A:MET:HE1	11	0.57
(18,1497)	1:12:A:VAL:HA	1:43:A:MET:HE2	11	0.57
(18,1497)	1:12:A:VAL:HA	1:43:A:MET:HE3	11	0.57
(18,1461)	1:67:A:PRO:HD3	1:95:A:ILE:HA	11	0.57
(18,1391)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	2	0.57
(18,1391)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	2	0.57
(18,1391)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	2	0.57
(18,1373)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	1	0.57
(18,1373)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	1	0.57
(18,1373)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	1	0.57
(18,1373)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	1	0.57
(18,1373)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	1	0.57
(18,1373)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	1	0.57
(18,1269)	1:15:A:ALA:HA	1:131:A:LEU:HB2	4	0.57
(18,1257)	1:23:A:LEU:HD11	1:24:A:ASP:H	5	0.57
(18,1257)	1:23:A:LEU:HD12	1:24:A:ASP:H	5	0.57
(18,1257)	1:23:A:LEU:HD13	1:24:A:ASP:H	5	0.57
(18,1257)	1:23:A:LEU:HD11	1:24:A:ASP:H	10	0.57
(18,1257)	1:23:A:LEU:HD12	1:24:A:ASP:H	10	0.57
(18,1257)	1:23:A:LEU:HD13	1:24:A:ASP:H	10	0.57
(18,1036)	1:113:A:PHE:HA	1:116:A:GLN:HG3	13	0.57
(18,955)	1:67:A:PRO:HA	1:70:A:LYS:HB2	18	0.57
(18,955)	1:67:A:PRO:HA	1:70:A:LYS:HB3	18	0.57
(18,837)	1:114:A:ILE:HD11	1:117:A:VAL:H	16	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,837)	1:114:A:ILE:HD12	1:117:A:VAL:H	16	0.57
(18,837)	1:114:A:ILE:HD13	1:117:A:VAL:H	16	0.57
(18,809)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	7	0.57
(18,809)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	7	0.57
(18,809)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	7	0.57
(18,767)	1:147:A:ARG:HA	1:147:A:ARG:HE	8	0.57
(18,345)	1:57:A:LEU:H	1:58:A:ILE:HG13	18	0.57
(18,239)	1:112:A:GLN:HG2	1:114:A:ILE:H	4	0.57
(18,239)	1:112:A:GLN:HG3	1:114:A:ILE:H	4	0.57
(18,239)	1:112:A:GLN:HG2	1:114:A:ILE:H	11	0.57
(18,239)	1:112:A:GLN:HG3	1:114:A:ILE:H	11	0.57
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD11	11	0.57
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD12	11	0.57
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD13	11	0.57
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD21	11	0.57
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD22	11	0.57
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD23	11	0.57
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD11	5	0.57
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD12	5	0.57
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD13	5	0.57
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD21	5	0.57
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD22	5	0.57
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD23	5	0.57
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	7	0.57
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	7	0.57
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	7	0.57
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	7	0.57
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	7	0.57
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	7	0.57
(17,2013)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	12	0.57
(17,2013)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	12	0.57
(17,2013)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	12	0.57
(17,2013)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	12	0.57
(17,2013)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	12	0.57
(17,2013)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	12	0.57
(17,2013)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	12	0.57
(17,2013)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	12	0.57
(17,2013)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	12	0.57
(17,2013)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	12	0.57
(17,2013)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	12	0.57
(17,2013)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	12	0.57
(17,2013)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	12	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2013)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	12	0.57
(17,2013)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	12	0.57
(17,2013)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	12	0.57
(17,2013)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	12	0.57
(17,2013)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	12	0.57
(17,2013)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	12	0.57
(17,2013)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	12	0.57
(17,2013)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	12	0.57
(17,2013)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	12	0.57
(17,2013)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	12	0.57
(17,2013)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	12	0.57
(17,2013)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	12	0.57
(17,2013)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	12	0.57
(17,2013)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	12	0.57
(17,2013)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	12	0.57
(17,2013)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	12	0.57
(17,2013)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	12	0.57
(17,2013)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	12	0.57
(17,2013)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	12	0.57
(17,2013)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	12	0.57
(17,2013)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	12	0.57
(17,2013)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	12	0.57
(17,2013)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	12	0.57
(17,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD11	14	0.57
(17,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD12	14	0.57
(17,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD13	14	0.57
(17,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD21	14	0.57
(17,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD22	14	0.57
(17,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD23	14	0.57
(17,1923)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	9	0.57
(17,1923)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	9	0.57
(17,1923)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	9	0.57
(17,1923)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	9	0.57
(17,1918)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	13	0.57
(17,1918)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	13	0.57
(17,1918)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	13	0.57
(17,1918)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	13	0.57
(17,1796)	1:13:A:ALA:H	1:80:A:TYR:HD1	15	0.57
(17,1796)	1:13:A:ALA:H	1:80:A:TYR:HD2	15	0.57
(17,1781)	1:97:A:ASP:HA	1:105:A:LYS:HA	7	0.57
(17,1573)	1:39:A:VAL:H	1:139:A:LEU:HD11	1	0.57
(17,1573)	1:39:A:VAL:H	1:139:A:LEU:HD12	1	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1573)	1:39:A:VAL:H	1:139:A:LEU:HD13	1	0.57
(17,1529)	1:12:A:VAL:HA	1:43:A:MET:HE1	11	0.57
(17,1529)	1:12:A:VAL:HA	1:43:A:MET:HE2	11	0.57
(17,1529)	1:12:A:VAL:HA	1:43:A:MET:HE3	11	0.57
(17,1488)	1:67:A:PRO:HD3	1:95:A:ILE:HA	11	0.57
(17,1266)	1:12:A:VAL:HG11	1:40:A:LEU:HA	15	0.57
(17,1266)	1:12:A:VAL:HG12	1:40:A:LEU:HA	15	0.57
(17,1266)	1:12:A:VAL:HG13	1:40:A:LEU:HA	15	0.57
(17,1121)	1:41:A:LYS:HA	1:44:A:GLU:HG2	10	0.57
(17,1050)	1:11:A:ILE:HA	1:14:A:VAL:HB	8	0.57
(17,951)	1:67:A:PRO:HA	1:70:A:LYS:HG2	8	0.57
(17,938)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	17	0.57
(17,938)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	17	0.57
(17,938)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	17	0.57
(17,938)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	17	0.57
(17,929)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	8	0.57
(17,929)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	8	0.57
(17,929)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	8	0.57
(17,929)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	8	0.57
(17,835)	1:114:A:ILE:HD11	1:117:A:VAL:H	16	0.57
(17,835)	1:114:A:ILE:HD12	1:117:A:VAL:H	16	0.57
(17,835)	1:114:A:ILE:HD13	1:117:A:VAL:H	16	0.57
(17,808)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	7	0.57
(17,808)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	7	0.57
(17,808)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	7	0.57
(17,577)	1:126:A:GLY:H	1:128:A:LEU:HG	5	0.57
(17,232)	1:40:A:LEU:HD21	1:44:A:GLU:H	13	0.57
(17,232)	1:40:A:LEU:HD22	1:44:A:GLU:H	13	0.57
(17,232)	1:40:A:LEU:HD23	1:44:A:GLU:H	13	0.57
(17,230)	1:11:A:ILE:HB	1:44:A:GLU:H	11	0.57
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD11	6	0.57
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD12	6	0.57
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD13	6	0.57
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD21	6	0.57
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD22	6	0.57
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD23	6	0.57
(16,2089)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	6	0.57
(16,2089)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	6	0.57
(16,2089)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	6	0.57
(16,2089)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	6	0.57
(16,2089)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	6	0.57
(16,2089)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	6	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2089)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	6	0.57
(16,2089)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	6	0.57
(16,2089)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	6	0.57
(16,2089)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	6	0.57
(16,2089)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	6	0.57
(16,2089)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	6	0.57
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD11	11	0.57
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD12	11	0.57
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD13	11	0.57
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD21	11	0.57
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD22	11	0.57
(16,2026)	1:20:A:THR:HA	1:23:A:LEU:HD23	11	0.57
(16,1957)	1:12:A:VAL:HA	1:40:A:LEU:HD11	14	0.57
(16,1957)	1:12:A:VAL:HA	1:40:A:LEU:HD12	14	0.57
(16,1957)	1:12:A:VAL:HA	1:40:A:LEU:HD13	14	0.57
(16,1957)	1:12:A:VAL:HA	1:40:A:LEU:HD21	14	0.57
(16,1957)	1:12:A:VAL:HA	1:40:A:LEU:HD22	14	0.57
(16,1957)	1:12:A:VAL:HA	1:40:A:LEU:HD23	14	0.57
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	12	0.57
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	12	0.57
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	12	0.57
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	12	0.57
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	12	0.57
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	12	0.57
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	12	0.57
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	12	0.57
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	12	0.57
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	12	0.57
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	12	0.57
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	12	0.57
(16,1888)	1:150:A:THR:H	1:151:A:PHE:HD1	19	0.57
(16,1888)	1:150:A:THR:H	1:151:A:PHE:HD2	19	0.57
(16,1887)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	13	0.57
(16,1887)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	13	0.57
(16,1887)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	13	0.57
(16,1887)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	13	0.57
(16,1813)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	10	0.57
(16,1813)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	10	0.57
(16,1813)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	10	0.57
(16,1813)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	10	0.57
(16,1813)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	10	0.57
(16,1813)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	10	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1544)	1:46:A:ASN:HB2	1:134:A:VAL:H	13	0.57
(16,1530)	1:69:A:MET:HE1	1:76:A:ARG:HB3	2	0.57
(16,1530)	1:69:A:MET:HE2	1:76:A:ARG:HB3	2	0.57
(16,1530)	1:69:A:MET:HE3	1:76:A:ARG:HB3	2	0.57
(16,1507)	1:12:A:VAL:HA	1:43:A:MET:HE1	11	0.57
(16,1507)	1:12:A:VAL:HA	1:43:A:MET:HE2	11	0.57
(16,1507)	1:12:A:VAL:HA	1:43:A:MET:HE3	11	0.57
(16,1475)	1:95:A:ILE:HG21	1:97:A:ASP:H	1	0.57
(16,1475)	1:95:A:ILE:HG22	1:97:A:ASP:H	1	0.57
(16,1475)	1:95:A:ILE:HG23	1:97:A:ASP:H	1	0.57
(16,1446)	1:50:A:ALA:HB1	1:130:A:GLY:H	19	0.57
(16,1446)	1:50:A:ALA:HB2	1:130:A:GLY:H	19	0.57
(16,1446)	1:50:A:ALA:HB3	1:130:A:GLY:H	19	0.57
(16,1303)	1:11:A:ILE:HA	1:14:A:VAL:HG11	16	0.57
(16,1303)	1:11:A:ILE:HA	1:14:A:VAL:HG12	16	0.57
(16,1303)	1:11:A:ILE:HA	1:14:A:VAL:HG13	16	0.57
(16,1302)	1:66:A:THR:HG21	1:96:A:VAL:HA	18	0.57
(16,1302)	1:66:A:THR:HG22	1:96:A:VAL:HA	18	0.57
(16,1302)	1:66:A:THR:HG23	1:96:A:VAL:HA	18	0.57
(16,966)	1:40:A:LEU:HA	1:43:A:MET:HG2	11	0.57
(16,960)	1:67:A:PRO:HA	1:70:A:LYS:HG2	8	0.57
(16,945)	1:79:A:THR:HG21	1:81:A:GLU:HG2	16	0.57
(16,945)	1:79:A:THR:HG21	1:81:A:GLU:HG3	16	0.57
(16,945)	1:79:A:THR:HG22	1:81:A:GLU:HG2	16	0.57
(16,945)	1:79:A:THR:HG22	1:81:A:GLU:HG3	16	0.57
(16,945)	1:79:A:THR:HG23	1:81:A:GLU:HG2	16	0.57
(16,945)	1:79:A:THR:HG23	1:81:A:GLU:HG3	16	0.57
(16,869)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	8	0.57
(16,869)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	8	0.57
(16,835)	1:114:A:ILE:HD11	1:117:A:VAL:H	16	0.57
(16,835)	1:114:A:ILE:HD12	1:117:A:VAL:H	16	0.57
(16,835)	1:114:A:ILE:HD13	1:117:A:VAL:H	16	0.57
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	5	0.57
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	5	0.57
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	5	0.57
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	5	0.57
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	5	0.57
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	5	0.57
(16,727)	1:63:A:ILE:HG12	1:116:A:GLN:HE22	1	0.57
(16,664)	1:101:A:ILE:HB	1:103:A:ARG:H	5	0.57
(16,303)	1:43:A:MET:H	1:43:A:MET:HG2	12	0.57
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD11	3	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD12	3	0.57
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD13	3	0.57
(16,88)	1:151:A:PHE:H	1:151:A:PHE:HB3	19	0.57
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD11	6	0.57
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD12	6	0.57
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD13	6	0.57
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD21	6	0.57
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD22	6	0.57
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD23	6	0.57
(15,2083)	1:39:A:VAL:HG11	1:43:A:MET:HB2	10	0.57
(15,2083)	1:39:A:VAL:HG12	1:43:A:MET:HB2	10	0.57
(15,2083)	1:39:A:VAL:HG13	1:43:A:MET:HB2	10	0.57
(15,2083)	1:39:A:VAL:HG21	1:43:A:MET:HB2	10	0.57
(15,2083)	1:39:A:VAL:HG22	1:43:A:MET:HB2	10	0.57
(15,2083)	1:39:A:VAL:HG23	1:43:A:MET:HB2	10	0.57
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD11	5	0.57
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD12	5	0.57
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD13	5	0.57
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD21	5	0.57
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD22	5	0.57
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD23	5	0.57
(15,1993)	1:18:A:PHE:HB2	1:132:A:ALA:H	2	0.57
(15,1993)	1:18:A:PHE:HB3	1:132:A:ALA:H	2	0.57
(15,1965)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	7	0.57
(15,1965)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	7	0.57
(15,1965)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	7	0.57
(15,1965)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	7	0.57
(15,1965)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	7	0.57
(15,1965)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	7	0.57
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD11	10	0.57
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD12	10	0.57
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD13	10	0.57
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD21	10	0.57
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD22	10	0.57
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD23	10	0.57
(15,1864)	1:104:A:PHE:HE1	1:105:A:LYS:H	7	0.57
(15,1864)	1:104:A:PHE:HE2	1:105:A:LYS:H	7	0.57
(15,1710)	1:79:A:THR:HG21	1:81:A:GLU:HG2	6	0.57
(15,1710)	1:79:A:THR:HG21	1:81:A:GLU:HG3	6	0.57
(15,1710)	1:79:A:THR:HG22	1:81:A:GLU:HG2	6	0.57
(15,1710)	1:79:A:THR:HG22	1:81:A:GLU:HG3	6	0.57
(15,1710)	1:79:A:THR:HG23	1:81:A:GLU:HG2	6	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1710)	1:79:A:THR:HG23	1:81:A:GLU:HG3	6	0.57
(15,1578)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	2	0.57
(15,1578)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	2	0.57
(15,1578)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	2	0.57
(15,1497)	1:12:A:VAL:HA	1:43:A:MET:HE1	11	0.57
(15,1497)	1:12:A:VAL:HA	1:43:A:MET:HE2	11	0.57
(15,1497)	1:12:A:VAL:HA	1:43:A:MET:HE3	11	0.57
(15,1343)	1:17:A:ASN:HA	1:76:A:ARG:HA	10	0.57
(15,1212)	1:69:A:MET:HE1	1:110:A:MET:HA	1	0.57
(15,1212)	1:69:A:MET:HE2	1:110:A:MET:HA	1	0.57
(15,1212)	1:69:A:MET:HE3	1:110:A:MET:HA	1	0.57
(15,1048)	1:11:A:ILE:HA	1:14:A:VAL:HB	8	0.57
(15,990)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	5	0.57
(15,990)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	5	0.57
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	7	0.57
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	7	0.57
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	7	0.57
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	7	0.57
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	7	0.57
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	7	0.57
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	7	0.57
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	7	0.57
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	7	0.57
(15,820)	1:98:A:ILE:HD11	1:101:A:ILE:HB	2	0.57
(15,820)	1:98:A:ILE:HD12	1:101:A:ILE:HB	2	0.57
(15,820)	1:98:A:ILE:HD13	1:101:A:ILE:HB	2	0.57
(15,803)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	7	0.57
(15,803)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	7	0.57
(15,803)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	7	0.57
(15,763)	1:37:A:LEU:H	1:40:A:LEU:HB2	17	0.57
(15,478)	1:14:A:VAL:H	1:61:A:SER:HA	17	0.57
(15,377)	1:40:A:LEU:HB2	1:41:A:LYS:H	10	0.57
(15,63)	1:34:A:LYS:H	1:81:A:GLU:H	17	0.57
(13,2211)	1:68:A:LYS:H	1:70:A:LYS:HG2	8	0.57
(13,2211)	1:68:A:LYS:H	1:70:A:LYS:HG3	8	0.57
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD11	6	0.57
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD12	6	0.57
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD13	6	0.57
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD21	6	0.57
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD22	6	0.57
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD23	6	0.57
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	15	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	15	0.57
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	15	0.57
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	15	0.57
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	15	0.57
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	15	0.57
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	15	0.57
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	15	0.57
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	15	0.57
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	15	0.57
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	15	0.57
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	15	0.57
(13,2087)	1:42:A:GLU:H	1:139:A:LEU:HD11	17	0.57
(13,2087)	1:42:A:GLU:H	1:139:A:LEU:HD12	17	0.57
(13,2087)	1:42:A:GLU:H	1:139:A:LEU:HD13	17	0.57
(13,2087)	1:42:A:GLU:H	1:139:A:LEU:HD21	17	0.57
(13,2087)	1:42:A:GLU:H	1:139:A:LEU:HD22	17	0.57
(13,2087)	1:42:A:GLU:H	1:139:A:LEU:HD23	17	0.57
(13,1926)	1:12:A:VAL:HA	1:40:A:LEU:HD11	14	0.57
(13,1926)	1:12:A:VAL:HA	1:40:A:LEU:HD12	14	0.57
(13,1926)	1:12:A:VAL:HA	1:40:A:LEU:HD13	14	0.57
(13,1926)	1:12:A:VAL:HA	1:40:A:LEU:HD21	14	0.57
(13,1926)	1:12:A:VAL:HA	1:40:A:LEU:HD22	14	0.57
(13,1926)	1:12:A:VAL:HA	1:40:A:LEU:HD23	14	0.57
(13,1848)	1:64:A:LYS:HD2	1:104:A:PHE:HZ	10	0.57
(13,1848)	1:64:A:LYS:HD3	1:104:A:PHE:HZ	10	0.57
(13,1745)	1:13:A:ALA:H	1:80:A:TYR:HD1	15	0.57
(13,1745)	1:13:A:ALA:H	1:80:A:TYR:HD2	15	0.57
(13,1744)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	15	0.57
(13,1744)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	15	0.57
(13,1480)	1:12:A:VAL:HA	1:43:A:MET:HE1	11	0.57
(13,1480)	1:12:A:VAL:HA	1:43:A:MET:HE2	11	0.57
(13,1480)	1:12:A:VAL:HA	1:43:A:MET:HE3	11	0.57
(13,1415)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	18	0.57
(13,1415)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	18	0.57
(13,1028)	1:11:A:ILE:HA	1:14:A:VAL:HB	8	0.57
(13,928)	1:11:A:ILE:HD11	1:12:A:VAL:HA	5	0.57
(13,928)	1:11:A:ILE:HD12	1:12:A:VAL:HA	5	0.57
(13,928)	1:11:A:ILE:HD13	1:12:A:VAL:HA	5	0.57
(13,925)	1:67:A:PRO:HA	1:70:A:LYS:HB2	18	0.57
(13,925)	1:67:A:PRO:HA	1:70:A:LYS:HB3	18	0.57
(13,846)	1:60:A:LEU:HB3	1:63:A:ILE:H	12	0.57
(13,846)	1:60:A:LEU:HB3	1:63:A:ILE:H	14	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,812)	1:114:A:ILE:HD11	1:117:A:VAL:H	16	0.57
(13,812)	1:114:A:ILE:HD12	1:117:A:VAL:H	16	0.57
(13,812)	1:114:A:ILE:HD13	1:117:A:VAL:H	16	0.57
(13,647)	1:101:A:ILE:HB	1:103:A:ARG:H	5	0.57
(13,370)	1:40:A:LEU:HB2	1:41:A:LYS:H	3	0.57
(13,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	9	0.57
(13,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	9	0.57
(13,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	9	0.57
(11,2425)	1:137:A:SER:HB2	1:140:A:LEU:HB2	16	0.57
(11,2425)	1:137:A:SER:HB3	1:140:A:LEU:HB2	16	0.57
(11,2247)	1:68:A:LYS:H	1:70:A:LYS:HG2	8	0.57
(11,2247)	1:68:A:LYS:H	1:70:A:LYS:HG3	8	0.57
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	15	0.57
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	15	0.57
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	15	0.57
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	15	0.57
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	15	0.57
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	15	0.57
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	15	0.57
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	15	0.57
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	15	0.57
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	15	0.57
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	15	0.57
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	15	0.57
(11,2148)	1:40:A:LEU:HD11	1:45:A:ALA:H	18	0.57
(11,2148)	1:40:A:LEU:HD12	1:45:A:ALA:H	18	0.57
(11,2148)	1:40:A:LEU:HD13	1:45:A:ALA:H	18	0.57
(11,2148)	1:40:A:LEU:HD21	1:45:A:ALA:H	18	0.57
(11,2148)	1:40:A:LEU:HD22	1:45:A:ALA:H	18	0.57
(11,2148)	1:40:A:LEU:HD23	1:45:A:ALA:H	18	0.57
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	9	0.57
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	9	0.57
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	9	0.57
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	9	0.57
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	9	0.57
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	9	0.57
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	9	0.57
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	9	0.57
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	9	0.57
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	9	0.57
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	9	0.57
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	9	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1987)	1:12:A:VAL:HA	1:40:A:LEU:HD11	14	0.57
(11,1987)	1:12:A:VAL:HA	1:40:A:LEU:HD12	14	0.57
(11,1987)	1:12:A:VAL:HA	1:40:A:LEU:HD13	14	0.57
(11,1987)	1:12:A:VAL:HA	1:40:A:LEU:HD21	14	0.57
(11,1987)	1:12:A:VAL:HA	1:40:A:LEU:HD22	14	0.57
(11,1987)	1:12:A:VAL:HA	1:40:A:LEU:HD23	14	0.57
(11,1920)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	13	0.57
(11,1920)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	13	0.57
(11,1920)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	13	0.57
(11,1920)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	13	0.57
(11,1830)	1:9:A:PHE:HD1	1:11:A:ILE:HB	2	0.57
(11,1830)	1:9:A:PHE:HD2	1:11:A:ILE:HB	2	0.57
(11,1802)	1:97:A:ASP:HA	1:105:A:LYS:HA	3	0.57
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD2	16	0.57
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD3	16	0.57
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD2	16	0.57
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD3	16	0.57
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD2	16	0.57
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD3	16	0.57
(11,1553)	1:66:A:THR:HG21	1:69:A:MET:HE1	7	0.57
(11,1553)	1:66:A:THR:HG21	1:69:A:MET:HE2	7	0.57
(11,1553)	1:66:A:THR:HG21	1:69:A:MET:HE3	7	0.57
(11,1553)	1:66:A:THR:HG22	1:69:A:MET:HE1	7	0.57
(11,1553)	1:66:A:THR:HG22	1:69:A:MET:HE2	7	0.57
(11,1553)	1:66:A:THR:HG22	1:69:A:MET:HE3	7	0.57
(11,1553)	1:66:A:THR:HG23	1:69:A:MET:HE1	7	0.57
(11,1553)	1:66:A:THR:HG23	1:69:A:MET:HE2	7	0.57
(11,1553)	1:66:A:THR:HG23	1:69:A:MET:HE3	7	0.57
(11,1527)	1:12:A:VAL:HA	1:43:A:MET:HE1	11	0.57
(11,1527)	1:12:A:VAL:HA	1:43:A:MET:HE2	11	0.57
(11,1527)	1:12:A:VAL:HA	1:43:A:MET:HE3	11	0.57
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	16	0.57
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	16	0.57
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	16	0.57
(11,949)	1:67:A:PRO:HA	1:70:A:LYS:HB2	18	0.57
(11,949)	1:67:A:PRO:HA	1:70:A:LYS:HB3	18	0.57
(11,799)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	7	0.57
(11,799)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	7	0.57
(11,799)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	7	0.57
(11,657)	1:101:A:ILE:HB	1:103:A:ARG:H	5	0.57
(11,498)	1:105:A:LYS:H	1:105:A:LYS:HD2	19	0.57
(11,498)	1:105:A:LYS:H	1:105:A:LYS:HD3	19	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,231)	1:40:A:LEU:HD21	1:44:A:GLU:H	13	0.57
(11,231)	1:40:A:LEU:HD22	1:44:A:GLU:H	13	0.57
(11,231)	1:40:A:LEU:HD23	1:44:A:GLU:H	13	0.57
(11,64)	1:34:A:LYS:H	1:81:A:GLU:H	17	0.57
(9,2162)	1:60:A:LEU:HG	1:61:A:SER:HB2	8	0.57
(9,2162)	1:60:A:LEU:HG	1:61:A:SER:HB3	8	0.57
(9,2162)	1:60:A:LEU:HG	1:61:A:SER:HB2	16	0.57
(9,2162)	1:60:A:LEU:HG	1:61:A:SER:HB3	16	0.57
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD11	6	0.57
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD12	6	0.57
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD13	6	0.57
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD21	6	0.57
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD22	6	0.57
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD23	6	0.57
(9,2027)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	5	0.57
(9,2027)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	5	0.57
(9,2027)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	5	0.57
(9,2027)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	5	0.57
(9,2027)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	5	0.57
(9,2027)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	5	0.57
(9,2027)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	5	0.57
(9,2027)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	5	0.57
(9,2027)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	5	0.57
(9,2027)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	5	0.57
(9,2027)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	5	0.57
(9,2027)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	5	0.57
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD11	13	0.57
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD12	13	0.57
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD13	13	0.57
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD21	13	0.57
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD22	13	0.57
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD23	13	0.57
(9,1943)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	16	0.57
(9,1943)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	16	0.57
(9,1943)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	16	0.57
(9,1943)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	16	0.57
(9,1904)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	19	0.57
(9,1904)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	19	0.57
(9,1904)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	19	0.57
(9,1904)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	19	0.57
(9,1899)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	13	0.57
(9,1899)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	13	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1899)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	13	0.57
(9,1899)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	13	0.57
(9,1897)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	17	0.57
(9,1897)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	17	0.57
(9,1897)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	17	0.57
(9,1897)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	17	0.57
(9,1854)	1:9:A:PHE:HE1	1:54:A:ARG:HE	17	0.57
(9,1854)	1:9:A:PHE:HE2	1:54:A:ARG:HE	17	0.57
(9,1826)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	8	0.57
(9,1826)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	8	0.57
(9,1703)	1:67:A:PRO:HD2	1:95:A:ILE:HA	1	0.57
(9,1502)	1:12:A:VAL:HA	1:43:A:MET:HE1	11	0.57
(9,1502)	1:12:A:VAL:HA	1:43:A:MET:HE2	11	0.57
(9,1502)	1:12:A:VAL:HA	1:43:A:MET:HE3	11	0.57
(9,1463)	1:67:A:PRO:HD3	1:95:A:ILE:HA	16	0.57
(9,1438)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	18	0.57
(9,1438)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	18	0.57
(9,1255)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	18	0.57
(9,1255)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	18	0.57
(9,1255)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	18	0.57
(9,930)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	9	0.57
(9,930)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	9	0.57
(9,930)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	9	0.57
(9,930)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	9	0.57
(9,857)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	8	0.57
(9,857)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	8	0.57
(9,823)	1:114:A:ILE:HD11	1:117:A:VAL:H	16	0.57
(9,823)	1:114:A:ILE:HD12	1:117:A:VAL:H	16	0.57
(9,823)	1:114:A:ILE:HD13	1:117:A:VAL:H	16	0.57
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG11	15	0.57
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG12	15	0.57
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG13	15	0.57
(9,653)	1:101:A:ILE:HB	1:103:A:ARG:H	5	0.57
(9,236)	1:11:A:ILE:HB	1:44:A:GLU:H	11	0.57
(7,2215)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	10	0.57
(7,2215)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	10	0.57
(7,2194)	1:63:A:ILE:HG12	1:113:A:PHE:HE1	9	0.57
(7,2194)	1:63:A:ILE:HG12	1:113:A:PHE:HE2	9	0.57
(7,2194)	1:63:A:ILE:HG13	1:113:A:PHE:HE1	9	0.57
(7,2194)	1:63:A:ILE:HG13	1:113:A:PHE:HE2	9	0.57
(7,2149)	1:50:A:ALA:H	1:130:A:GLY:HA2	2	0.57
(7,2149)	1:50:A:ALA:H	1:130:A:GLY:HA3	2	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2086)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	8	0.57
(7,2086)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	8	0.57
(7,2086)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	8	0.57
(7,2086)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	8	0.57
(7,2086)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	8	0.57
(7,2086)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	8	0.57
(7,2086)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	8	0.57
(7,2086)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	8	0.57
(7,2086)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	8	0.57
(7,2086)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	8	0.57
(7,2086)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	8	0.57
(7,2086)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	8	0.57
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD11	18	0.57
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD12	18	0.57
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD13	18	0.57
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD21	18	0.57
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD22	18	0.57
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD23	18	0.57
(7,1927)	1:12:A:VAL:HA	1:40:A:LEU:HD11	14	0.57
(7,1927)	1:12:A:VAL:HA	1:40:A:LEU:HD12	14	0.57
(7,1927)	1:12:A:VAL:HA	1:40:A:LEU:HD13	14	0.57
(7,1927)	1:12:A:VAL:HA	1:40:A:LEU:HD21	14	0.57
(7,1927)	1:12:A:VAL:HA	1:40:A:LEU:HD22	14	0.57
(7,1927)	1:12:A:VAL:HA	1:40:A:LEU:HD23	14	0.57
(7,1826)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	8	0.57
(7,1785)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	17	0.57
(7,1785)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	17	0.57
(7,1785)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	17	0.57
(7,1785)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	17	0.57
(7,1785)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	17	0.57
(7,1785)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	17	0.57
(7,1747)	1:13:A:ALA:H	1:80:A:TYR:HD1	15	0.57
(7,1747)	1:13:A:ALA:H	1:80:A:TYR:HD2	15	0.57
(7,1729)	1:97:A:ASP:HA	1:105:A:LYS:HA	3	0.57
(7,1706)	1:31:A:PRO:HB2	1:35:A:LEU:HA	5	0.57
(7,1706)	1:31:A:PRO:HB3	1:35:A:LEU:HA	5	0.57
(7,1688)	1:20:A:THR:HG21	1:134:A:VAL:HB	6	0.57
(7,1688)	1:20:A:THR:HG22	1:134:A:VAL:HB	6	0.57
(7,1688)	1:20:A:THR:HG23	1:134:A:VAL:HB	6	0.57
(7,1621)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	1	0.57
(7,1621)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	1	0.57
(7,1621)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	1	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1621)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	1	0.57
(7,1621)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	1	0.57
(7,1621)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	1	0.57
(7,1621)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	1	0.57
(7,1621)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	1	0.57
(7,1621)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	1	0.57
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG21	15	0.57
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG22	15	0.57
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG23	15	0.57
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD11	10	0.57
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD12	10	0.57
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD13	10	0.57
(7,1483)	1:43:A:MET:H	1:43:A:MET:HE1	8	0.57
(7,1483)	1:43:A:MET:H	1:43:A:MET:HE2	8	0.57
(7,1483)	1:43:A:MET:H	1:43:A:MET:HE3	8	0.57
(7,1426)	1:50:A:ALA:HB1	1:130:A:GLY:H	19	0.57
(7,1426)	1:50:A:ALA:HB2	1:130:A:GLY:H	19	0.57
(7,1426)	1:50:A:ALA:HB3	1:130:A:GLY:H	19	0.57
(7,1424)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	18	0.57
(7,1424)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	18	0.57
(7,1248)	1:15:A:ALA:HA	1:131:A:LEU:HB2	4	0.57
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD11	18	0.57
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD12	18	0.57
(7,1180)	1:27:A:ARG:HA	1:30:A:LEU:HD13	18	0.57
(7,1156)	1:27:A:ARG:HB3	1:30:A:LEU:HD21	10	0.57
(7,1156)	1:27:A:ARG:HB3	1:30:A:LEU:HD22	10	0.57
(7,1156)	1:27:A:ARG:HB3	1:30:A:LEU:HD23	10	0.57
(7,970)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	5	0.57
(7,970)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	5	0.57
(7,816)	1:114:A:ILE:HD11	1:117:A:VAL:H	16	0.57
(7,816)	1:114:A:ILE:HD12	1:117:A:VAL:H	16	0.57
(7,816)	1:114:A:ILE:HD13	1:117:A:VAL:H	16	0.57
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG11	15	0.57
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG12	15	0.57
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG13	15	0.57
(7,732)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	14	0.57
(7,682)	1:145:A:PRO:HB2	1:148:A:CYS:H	14	0.57
(7,574)	1:11:A:ILE:HD11	1:16:A:SER:H	2	0.57
(7,574)	1:11:A:ILE:HD12	1:16:A:SER:H	2	0.57
(7,574)	1:11:A:ILE:HD13	1:16:A:SER:H	2	0.57
(7,475)	1:14:A:VAL:H	1:61:A:SER:HA	17	0.57
(7,42)	1:44:A:GLU:HG3	1:47:A:ALA:H	3	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	9	0.57
(6,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	9	0.57
(6,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	9	0.57
(6,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	9	0.57
(6,2208)	1:60:A:LEU:HB3	1:120:A:CYS:HB2	4	0.57
(6,2208)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	4	0.57
(6,2130)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	19	0.57
(6,2130)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	19	0.57
(6,2130)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	19	0.57
(6,2130)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	19	0.57
(6,2130)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	19	0.57
(6,2130)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	19	0.57
(6,2130)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	19	0.57
(6,2130)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	19	0.57
(6,2130)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	19	0.57
(6,2130)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	19	0.57
(6,2130)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	19	0.57
(6,2130)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	19	0.57
(6,1904)	1:18:A:PHE:HE1	1:117:A:VAL:HA	6	0.57
(6,1904)	1:18:A:PHE:HE2	1:117:A:VAL:HA	6	0.57
(6,1884)	1:14:A:VAL:HA	1:18:A:PHE:HD1	2	0.57
(6,1884)	1:14:A:VAL:HA	1:18:A:PHE:HD2	2	0.57
(6,1884)	1:14:A:VAL:HA	1:18:A:PHE:HD1	7	0.57
(6,1884)	1:14:A:VAL:HA	1:18:A:PHE:HD2	7	0.57
(6,1771)	1:97:A:ASP:HA	1:105:A:LYS:HA	7	0.57
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD21	8	0.57
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD22	8	0.57
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD23	8	0.57
(6,1712)	1:67:A:PRO:HD2	1:95:A:ILE:HA	1	0.57
(6,1696)	1:43:A:MET:HE1	1:135:A:GLN:H	17	0.57
(6,1696)	1:43:A:MET:HE2	1:135:A:GLN:H	17	0.57
(6,1696)	1:43:A:MET:HE3	1:135:A:GLN:H	17	0.57
(6,1543)	1:46:A:ASN:HB2	1:134:A:VAL:H	13	0.57
(6,1514)	1:69:A:MET:HE1	1:116:A:GLN:HE21	2	0.57
(6,1514)	1:69:A:MET:HE2	1:116:A:GLN:HE21	2	0.57
(6,1514)	1:69:A:MET:HE3	1:116:A:GLN:HE21	2	0.57
(6,1394)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	2	0.57
(6,1394)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	2	0.57
(6,1394)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	2	0.57
(6,1143)	1:13:A:ALA:HB1	1:80:A:TYR:HA	14	0.57
(6,1143)	1:13:A:ALA:HB2	1:80:A:TYR:HA	14	0.57
(6,1143)	1:13:A:ALA:HB3	1:80:A:TYR:HA	14	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,795)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	10	0.57
(6,795)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	10	0.57
(6,795)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	10	0.57
(6,792)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	7	0.57
(6,792)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	7	0.57
(6,792)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	7	0.57
(6,742)	1:147:A:ARG:HA	1:147:A:ARG:HE	8	0.57
(6,469)	1:14:A:VAL:H	1:61:A:SER:HA	17	0.57
(6,131)	1:11:A:ILE:HG13	1:12:A:VAL:H	7	0.57
(6,131)	1:11:A:ILE:HG13	1:12:A:VAL:H	10	0.57
(5,2327)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	17	0.57
(5,2327)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	17	0.57
(5,2327)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	17	0.57
(5,2327)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	17	0.57
(5,2327)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	17	0.57
(5,2327)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	17	0.57
(5,2327)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	17	0.57
(5,2327)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	17	0.57
(5,2327)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	17	0.57
(5,2327)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	17	0.57
(5,2327)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	17	0.57
(5,2327)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	17	0.57
(5,2173)	1:50:A:ALA:H	1:130:A:GLY:HA2	2	0.57
(5,2173)	1:50:A:ALA:H	1:130:A:GLY:HA3	2	0.57
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	15	0.57
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	15	0.57
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	15	0.57
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	15	0.57
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	15	0.57
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	15	0.57
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	15	0.57
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	15	0.57
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	15	0.57
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	15	0.57
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	15	0.57
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	15	0.57
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD11	12	0.57
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD12	12	0.57
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD13	12	0.57
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD21	12	0.57
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD22	12	0.57
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD23	12	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1973)	1:12:A:VAL:HA	1:40:A:LEU:HD11	14	0.57
(5,1973)	1:12:A:VAL:HA	1:40:A:LEU:HD12	14	0.57
(5,1973)	1:12:A:VAL:HA	1:40:A:LEU:HD13	14	0.57
(5,1973)	1:12:A:VAL:HA	1:40:A:LEU:HD21	14	0.57
(5,1973)	1:12:A:VAL:HA	1:40:A:LEU:HD22	14	0.57
(5,1973)	1:12:A:VAL:HA	1:40:A:LEU:HD23	14	0.57
(5,1884)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	13	0.57
(5,1786)	1:141:A:LYS:HA	1:148:A:CYS:H	15	0.57
(5,1677)	1:69:A:MET:HE1	1:116:A:GLN:HE21	2	0.57
(5,1677)	1:69:A:MET:HE2	1:116:A:GLN:HE21	2	0.57
(5,1677)	1:69:A:MET:HE3	1:116:A:GLN:HE21	2	0.57
(5,1664)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	18	0.57
(5,1664)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	18	0.57
(5,1664)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	18	0.57
(5,1664)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	18	0.57
(5,1664)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	18	0.57
(5,1664)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	18	0.57
(5,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	2	0.57
(5,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	2	0.57
(5,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	2	0.57
(5,1523)	1:12:A:VAL:HA	1:43:A:MET:HE1	11	0.57
(5,1523)	1:12:A:VAL:HA	1:43:A:MET:HE2	11	0.57
(5,1523)	1:12:A:VAL:HA	1:43:A:MET:HE3	11	0.57
(5,1462)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	18	0.57
(5,1462)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	18	0.57
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG11	18	0.57
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG12	18	0.57
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG13	18	0.57
(5,1374)	1:39:A:VAL:HG11	1:143:A:TRP:H	2	0.57
(5,1374)	1:39:A:VAL:HG12	1:143:A:TRP:H	2	0.57
(5,1374)	1:39:A:VAL:HG13	1:143:A:TRP:H	2	0.57
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG21	11	0.57
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG22	11	0.57
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG23	11	0.57
(5,1277)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	1	0.57
(5,1277)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	1	0.57
(5,1277)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	1	0.57
(5,1277)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	1	0.57
(5,1277)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	1	0.57
(5,1277)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	1	0.57
(5,1271)	1:12:A:VAL:HG11	1:40:A:LEU:HA	15	0.57
(5,1271)	1:12:A:VAL:HG12	1:40:A:LEU:HA	15	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1271)	1:12:A:VAL:HG13	1:40:A:LEU:HA	15	0.57
(5,1257)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	8	0.57
(5,1257)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	8	0.57
(5,1257)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	8	0.57
(5,1165)	1:13:A:ALA:HB1	1:80:A:TYR:HA	8	0.57
(5,1165)	1:13:A:ALA:HB2	1:80:A:TYR:HA	8	0.57
(5,1165)	1:13:A:ALA:HB3	1:80:A:TYR:HA	8	0.57
(5,1023)	1:27:A:ARG:HB3	1:29:A:LYS:HG2	12	0.57
(5,1023)	1:27:A:ARG:HB3	1:29:A:LYS:HG3	12	0.57
(5,931)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	2	0.57
(5,931)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	2	0.57
(5,931)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	2	0.57
(5,931)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	2	0.57
(5,826)	1:114:A:ILE:HD11	1:117:A:VAL:H	16	0.57
(5,826)	1:114:A:ILE:HD12	1:117:A:VAL:H	16	0.57
(5,826)	1:114:A:ILE:HD13	1:117:A:VAL:H	16	0.57
(5,825)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	4	0.57
(5,825)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	4	0.57
(5,825)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	4	0.57
(5,825)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	4	0.57
(5,825)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	4	0.57
(5,825)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	4	0.57
(5,798)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	7	0.57
(5,798)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	7	0.57
(5,798)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	7	0.57
(5,694)	1:56:A:CYS:H	1:122:A:ASP:HB2	7	0.57
(5,487)	1:105:A:LYS:H	1:105:A:LYS:HD2	8	0.57
(5,487)	1:105:A:LYS:H	1:105:A:LYS:HD3	8	0.57
(5,487)	1:105:A:LYS:H	1:105:A:LYS:HD2	11	0.57
(5,487)	1:105:A:LYS:H	1:105:A:LYS:HD3	11	0.57
(5,464)	1:14:A:VAL:H	1:61:A:SER:HA	17	0.57
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD11	3	0.57
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD12	3	0.57
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD13	3	0.57
(4,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB2	17	0.57
(4,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB3	17	0.57
(4,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB2	17	0.57
(4,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB3	17	0.57
(4,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB2	17	0.57
(4,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB3	17	0.57
(4,2230)	1:68:A:LYS:H	1:70:A:LYS:HG2	14	0.57
(4,2230)	1:68:A:LYS:H	1:70:A:LYS:HG3	14	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD11	6	0.57
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD12	6	0.57
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD13	6	0.57
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD21	6	0.57
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD22	6	0.57
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD23	6	0.57
(4,2036)	1:23:A:LEU:HD11	1:25:A:ALA:H	16	0.57
(4,2036)	1:23:A:LEU:HD12	1:25:A:ALA:H	16	0.57
(4,2036)	1:23:A:LEU:HD13	1:25:A:ALA:H	16	0.57
(4,2036)	1:23:A:LEU:HD21	1:25:A:ALA:H	16	0.57
(4,2036)	1:23:A:LEU:HD22	1:25:A:ALA:H	16	0.57
(4,2036)	1:23:A:LEU:HD23	1:25:A:ALA:H	16	0.57
(4,2036)	1:23:A:LEU:HD11	1:25:A:ALA:H	17	0.57
(4,2036)	1:23:A:LEU:HD12	1:25:A:ALA:H	17	0.57
(4,2036)	1:23:A:LEU:HD13	1:25:A:ALA:H	17	0.57
(4,2036)	1:23:A:LEU:HD21	1:25:A:ALA:H	17	0.57
(4,2036)	1:23:A:LEU:HD22	1:25:A:ALA:H	17	0.57
(4,2036)	1:23:A:LEU:HD23	1:25:A:ALA:H	17	0.57
(4,2012)	1:18:A:PHE:HB2	1:132:A:ALA:H	2	0.57
(4,2012)	1:18:A:PHE:HB3	1:132:A:ALA:H	2	0.57
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	14	0.57
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	14	0.57
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	14	0.57
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	14	0.57
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	14	0.57
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	14	0.57
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	14	0.57
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	14	0.57
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	14	0.57
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	14	0.57
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	14	0.57
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	14	0.57
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	14	0.57
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	14	0.57
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	14	0.57
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	14	0.57
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	14	0.57
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	14	0.57
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	14	0.57
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	14	0.57
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	14	0.57
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	14	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	14	0.57
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	14	0.57
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	14	0.57
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	14	0.57
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	14	0.57
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	14	0.57
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	14	0.57
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	14	0.57
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	14	0.57
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	14	0.57
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	14	0.57
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	14	0.57
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	14	0.57
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	14	0.57
(4,1957)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	3	0.57
(4,1957)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	3	0.57
(4,1957)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	3	0.57
(4,1957)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	3	0.57
(4,1957)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	3	0.57
(4,1957)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	3	0.57
(4,1957)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	3	0.57
(4,1957)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	3	0.57
(4,1957)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	3	0.57
(4,1957)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	3	0.57
(4,1957)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	3	0.57
(4,1957)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	3	0.57
(4,1957)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	3	0.57
(4,1957)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	3	0.57
(4,1957)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	3	0.57
(4,1957)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	3	0.57
(4,1957)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	3	0.57
(4,1957)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	3	0.57
(4,1912)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	14	0.57
(4,1912)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	14	0.57
(4,1877)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	13	0.57
(4,1877)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	13	0.57
(4,1877)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	13	0.57
(4,1877)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	13	0.57
(4,1833)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	8	0.57
(4,1794)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	3	0.57
(4,1794)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	3	0.57
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD21	8	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD22	8	0.57
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD23	8	0.57
(4,1721)	1:31:A:PRO:HB2	1:35:A:LEU:HA	5	0.57
(4,1721)	1:31:A:PRO:HB3	1:35:A:LEU:HA	5	0.57
(4,1675)	1:43:A:MET:HE1	1:135:A:GLN:H	17	0.57
(4,1675)	1:43:A:MET:HE2	1:135:A:GLN:H	17	0.57
(4,1675)	1:43:A:MET:HE3	1:135:A:GLN:H	17	0.57
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD11	16	0.57
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD12	16	0.57
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD13	16	0.57
(4,1487)	1:12:A:VAL:HA	1:43:A:MET:HE1	11	0.57
(4,1487)	1:12:A:VAL:HA	1:43:A:MET:HE2	11	0.57
(4,1487)	1:12:A:VAL:HA	1:43:A:MET:HE3	11	0.57
(4,1440)	1:13:A:ALA:HB1	1:79:A:THR:HA	12	0.57
(4,1440)	1:13:A:ALA:HB2	1:79:A:THR:HA	12	0.57
(4,1440)	1:13:A:ALA:HB3	1:79:A:THR:HA	12	0.57
(4,1388)	1:132:A:ALA:HB1	1:133:A:ASN:HB2	19	0.57
(4,1388)	1:132:A:ALA:HB2	1:133:A:ASN:HB2	19	0.57
(4,1388)	1:132:A:ALA:HB3	1:133:A:ASN:HB2	19	0.57
(4,1387)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	12	0.57
(4,1387)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	12	0.57
(4,1387)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	12	0.57
(4,1243)	1:15:A:ALA:HA	1:131:A:LEU:HB2	4	0.57
(4,1236)	1:23:A:LEU:HD11	1:25:A:ALA:H	4	0.57
(4,1236)	1:23:A:LEU:HD12	1:25:A:ALA:H	4	0.57
(4,1236)	1:23:A:LEU:HD13	1:25:A:ALA:H	4	0.57
(4,1051)	1:38:A:GLU:HA	1:42:A:GLU:H	6	0.57
(4,975)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	5	0.57
(4,975)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	5	0.57
(4,859)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	8	0.57
(4,859)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	8	0.57
(4,821)	1:114:A:ILE:HD11	1:117:A:VAL:H	16	0.57
(4,821)	1:114:A:ILE:HD12	1:117:A:VAL:H	16	0.57
(4,821)	1:114:A:ILE:HD13	1:117:A:VAL:H	16	0.57
(4,739)	1:147:A:ARG:HA	1:147:A:ARG:HE	8	0.57
(4,729)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	14	0.57
(4,464)	1:14:A:VAL:H	1:61:A:SER:HA	17	0.57
(4,48)	1:44:A:GLU:HG3	1:47:A:ALA:H	3	0.57
(4,45)	1:98:A:ILE:H	1:104:A:PHE:HB3	3	0.57
(3,2323)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	15	0.57
(3,2323)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	15	0.57
(3,2323)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	15	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2323)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	15	0.57
(3,2323)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	15	0.57
(3,2323)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	15	0.57
(3,2323)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	15	0.57
(3,2323)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	15	0.57
(3,2323)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	15	0.57
(3,2323)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	15	0.57
(3,2323)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	15	0.57
(3,2323)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	15	0.57
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD2	16	0.57
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD3	16	0.57
(3,2110)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	18	0.57
(3,2110)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	18	0.57
(3,2110)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	18	0.57
(3,2110)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	18	0.57
(3,2110)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	18	0.57
(3,2110)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	18	0.57
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD11	5	0.57
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD12	5	0.57
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD13	5	0.57
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD21	5	0.57
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD22	5	0.57
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD23	5	0.57
(3,1976)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	16	0.57
(3,1976)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	16	0.57
(3,1976)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	16	0.57
(3,1976)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	16	0.57
(3,1926)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	17	0.57
(3,1926)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	17	0.57
(3,1926)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	17	0.57
(3,1926)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	17	0.57
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE1	5	0.57
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE2	5	0.57
(3,1904)	1:14:A:VAL:HA	1:18:A:PHE:HD1	12	0.57
(3,1904)	1:14:A:VAL:HA	1:18:A:PHE:HD2	12	0.57
(3,1847)	1:9:A:PHE:HZ	1:54:A:ARG:HE	6	0.57
(3,1798)	1:97:A:ASP:HA	1:105:A:LYS:HA	7	0.57
(3,1690)	1:69:A:MET:HE1	1:116:A:GLN:HE21	2	0.57
(3,1690)	1:69:A:MET:HE2	1:116:A:GLN:HE21	2	0.57
(3,1690)	1:69:A:MET:HE3	1:116:A:GLN:HE21	2	0.57
(3,1689)	1:69:A:MET:HE1	1:116:A:GLN:HG3	18	0.57
(3,1689)	1:69:A:MET:HE2	1:116:A:GLN:HG3	18	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1689)	1:69:A:MET:HE3	1:116:A:GLN:HG3	18	0.57
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	2	0.57
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	2	0.57
(3,1586)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	2	0.57
(3,1529)	1:12:A:VAL:HA	1:43:A:MET:HE1	11	0.57
(3,1529)	1:12:A:VAL:HA	1:43:A:MET:HE2	11	0.57
(3,1529)	1:12:A:VAL:HA	1:43:A:MET:HE3	11	0.57
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	16	0.57
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	16	0.57
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	16	0.57
(3,1483)	1:13:A:ALA:HB1	1:61:A:SER:HA	12	0.57
(3,1483)	1:13:A:ALA:HB2	1:61:A:SER:HA	12	0.57
(3,1483)	1:13:A:ALA:HB3	1:61:A:SER:HA	12	0.57
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG21	9	0.57
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG22	9	0.57
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG23	9	0.57
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD21	11	0.57
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD22	11	0.57
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD23	11	0.57
(3,1104)	1:48:A:ARG:HG2	1:49:A:LYS:HA	4	0.57
(3,1104)	1:48:A:ARG:HG3	1:49:A:LYS:HA	4	0.57
(3,1003)	1:105:A:LYS:HD2	1:107:A:LEU:H	15	0.57
(3,1003)	1:105:A:LYS:HD3	1:107:A:LEU:H	15	0.57
(3,969)	1:40:A:LEU:HA	1:43:A:MET:HG2	5	0.57
(3,969)	1:40:A:LEU:HA	1:43:A:MET:HG2	15	0.57
(3,960)	1:67:A:PRO:HA	1:70:A:LYS:HB2	18	0.57
(3,960)	1:67:A:PRO:HA	1:70:A:LYS:HB3	18	0.57
(3,946)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	2	0.57
(3,946)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	2	0.57
(3,946)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	2	0.57
(3,946)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	2	0.57
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	4	0.57
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	4	0.57
(3,841)	1:114:A:ILE:HD11	1:117:A:VAL:H	16	0.57
(3,841)	1:114:A:ILE:HD12	1:117:A:VAL:H	16	0.57
(3,841)	1:114:A:ILE:HD13	1:117:A:VAL:H	16	0.57
(3,813)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	7	0.57
(3,813)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	7	0.57
(3,813)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	7	0.57
(3,755)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	14	0.57
(3,692)	1:145:A:PRO:HB3	1:148:A:CYS:H	3	0.57
(3,476)	1:14:A:VAL:H	1:61:A:SER:HA	17	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,264)	1:39:A:VAL:H	1:40:A:LEU:HB2	14	0.57
(3,104)	1:69:A:MET:H	1:69:A:MET:HE1	15	0.57
(3,104)	1:69:A:MET:H	1:69:A:MET:HE2	15	0.57
(3,104)	1:69:A:MET:H	1:69:A:MET:HE3	15	0.57
(2,2440)	1:137:A:SER:HB2	1:140:A:LEU:HB2	2	0.57
(2,2440)	1:137:A:SER:HB3	1:140:A:LEU:HB2	2	0.57
(2,2227)	1:60:A:LEU:HG	1:61:A:SER:HB2	8	0.57
(2,2227)	1:60:A:LEU:HG	1:61:A:SER:HB3	8	0.57
(2,2227)	1:60:A:LEU:HG	1:61:A:SER:HB2	16	0.57
(2,2227)	1:60:A:LEU:HG	1:61:A:SER:HB3	16	0.57
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	15	0.57
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	15	0.57
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	15	0.57
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	15	0.57
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	15	0.57
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	15	0.57
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	15	0.57
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	15	0.57
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	15	0.57
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	15	0.57
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	15	0.57
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	15	0.57
(2,2147)	1:40:A:LEU:HD11	1:45:A:ALA:H	18	0.57
(2,2147)	1:40:A:LEU:HD12	1:45:A:ALA:H	18	0.57
(2,2147)	1:40:A:LEU:HD13	1:45:A:ALA:H	18	0.57
(2,2147)	1:40:A:LEU:HD21	1:45:A:ALA:H	18	0.57
(2,2147)	1:40:A:LEU:HD22	1:45:A:ALA:H	18	0.57
(2,2147)	1:40:A:LEU:HD23	1:45:A:ALA:H	18	0.57
(2,2056)	1:23:A:LEU:HD11	1:25:A:ALA:H	16	0.57
(2,2056)	1:23:A:LEU:HD12	1:25:A:ALA:H	16	0.57
(2,2056)	1:23:A:LEU:HD13	1:25:A:ALA:H	16	0.57
(2,2056)	1:23:A:LEU:HD21	1:25:A:ALA:H	16	0.57
(2,2056)	1:23:A:LEU:HD22	1:25:A:ALA:H	16	0.57
(2,2056)	1:23:A:LEU:HD23	1:25:A:ALA:H	16	0.57
(2,2056)	1:23:A:LEU:HD11	1:25:A:ALA:H	17	0.57
(2,2056)	1:23:A:LEU:HD12	1:25:A:ALA:H	17	0.57
(2,2056)	1:23:A:LEU:HD13	1:25:A:ALA:H	17	0.57
(2,2056)	1:23:A:LEU:HD21	1:25:A:ALA:H	17	0.57
(2,2056)	1:23:A:LEU:HD22	1:25:A:ALA:H	17	0.57
(2,2056)	1:23:A:LEU:HD23	1:25:A:ALA:H	17	0.57
(2,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD11	14	0.57
(2,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD12	14	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD13	14	0.57
(2,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD21	14	0.57
(2,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD22	14	0.57
(2,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD23	14	0.57
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	11	0.57
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	11	0.57
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	11	0.57
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	11	0.57
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	11	0.57
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	11	0.57
(2,1924)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	17	0.57
(2,1924)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	17	0.57
(2,1924)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	17	0.57
(2,1924)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	17	0.57
(2,1805)	1:13:A:ALA:H	1:80:A:TYR:HD1	15	0.57
(2,1805)	1:13:A:ALA:H	1:80:A:TYR:HD2	15	0.57
(2,1643)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	1	0.57
(2,1509)	1:12:A:VAL:HA	1:43:A:MET:HE1	11	0.57
(2,1509)	1:12:A:VAL:HA	1:43:A:MET:HE2	11	0.57
(2,1509)	1:12:A:VAL:HA	1:43:A:MET:HE3	11	0.57
(2,1449)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	18	0.57
(2,1449)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	18	0.57
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	10	0.57
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	10	0.57
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	10	0.57
(2,1256)	1:23:A:LEU:HD11	1:25:A:ALA:H	4	0.57
(2,1256)	1:23:A:LEU:HD12	1:25:A:ALA:H	4	0.57
(2,1256)	1:23:A:LEU:HD13	1:25:A:ALA:H	4	0.57
(2,956)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	13	0.57
(2,956)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	13	0.57
(2,940)	1:40:A:LEU:HA	1:43:A:MET:HG2	5	0.57
(2,940)	1:40:A:LEU:HA	1:43:A:MET:HG2	15	0.57
(2,834)	1:103:A:ARG:HA	1:103:A:ARG:HD2	8	0.57
(2,834)	1:103:A:ARG:HA	1:103:A:ARG:HD3	8	0.57
(2,821)	1:114:A:ILE:HD11	1:117:A:VAL:H	16	0.57
(2,821)	1:114:A:ILE:HD12	1:117:A:VAL:H	16	0.57
(2,821)	1:114:A:ILE:HD13	1:117:A:VAL:H	16	0.57
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG11	15	0.57
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG12	15	0.57
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG13	15	0.57
(2,581)	1:129:A:LYS:HG2	1:130:A:GLY:H	15	0.57
(2,470)	1:14:A:VAL:H	1:61:A:SER:HA	17	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	9	0.57
(2,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	9	0.57
(2,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	9	0.57
(2,92)	1:95:A:ILE:HG21	1:97:A:ASP:H	19	0.57
(2,92)	1:95:A:ILE:HG22	1:97:A:ASP:H	19	0.57
(2,92)	1:95:A:ILE:HG23	1:97:A:ASP:H	19	0.57
(1,2105)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	8	0.57
(1,2105)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	8	0.57
(1,2105)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	8	0.57
(1,2105)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	8	0.57
(1,2105)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	8	0.57
(1,2105)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	8	0.57
(1,2105)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	8	0.57
(1,2105)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	8	0.57
(1,2105)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	8	0.57
(1,2105)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	8	0.57
(1,2105)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	8	0.57
(1,2105)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	8	0.57
(1,2006)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	18	0.57
(1,2006)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	18	0.57
(1,2006)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	18	0.57
(1,2006)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	18	0.57
(1,2006)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	18	0.57
(1,2006)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	18	0.57
(1,1958)	1:12:A:VAL:HA	1:40:A:LEU:HD11	14	0.57
(1,1958)	1:12:A:VAL:HA	1:40:A:LEU:HD12	14	0.57
(1,1958)	1:12:A:VAL:HA	1:40:A:LEU:HD13	14	0.57
(1,1958)	1:12:A:VAL:HA	1:40:A:LEU:HD21	14	0.57
(1,1958)	1:12:A:VAL:HA	1:40:A:LEU:HD22	14	0.57
(1,1958)	1:12:A:VAL:HA	1:40:A:LEU:HD23	14	0.57
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	10	0.57
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	10	0.57
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	10	0.57
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	10	0.57
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	10	0.57
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	10	0.57
(1,1836)	1:9:A:PHE:HZ	1:57:A:LEU:HA	19	0.57
(1,1801)	1:13:A:ALA:HA	1:80:A:TYR:HD1	12	0.57
(1,1801)	1:13:A:ALA:HA	1:80:A:TYR:HD2	12	0.57
(1,1779)	1:97:A:ASP:HA	1:105:A:LYS:HA	3	0.57
(1,1721)	1:67:A:PRO:HD2	1:95:A:ILE:HA	1	0.57
(1,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	2	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	2	0.57
(1,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	2	0.57
(1,1518)	1:12:A:VAL:HA	1:43:A:MET:HE1	11	0.57
(1,1518)	1:12:A:VAL:HA	1:43:A:MET:HE2	11	0.57
(1,1518)	1:12:A:VAL:HA	1:43:A:MET:HE3	11	0.57
(1,1516)	1:43:A:MET:HE1	1:44:A:GLU:HA	10	0.57
(1,1516)	1:43:A:MET:HE2	1:44:A:GLU:HA	10	0.57
(1,1516)	1:43:A:MET:HE3	1:44:A:GLU:HA	10	0.57
(1,1477)	1:67:A:PRO:HD3	1:95:A:ILE:HA	16	0.57
(1,1411)	1:132:A:ALA:HB1	1:133:A:ASN:HB2	19	0.57
(1,1411)	1:132:A:ALA:HB2	1:133:A:ASN:HB2	19	0.57
(1,1411)	1:132:A:ALA:HB3	1:133:A:ASN:HB2	19	0.57
(1,1410)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	12	0.57
(1,1410)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	12	0.57
(1,1410)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	12	0.57
(1,1359)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	13	0.57
(1,1359)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	13	0.57
(1,1359)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	13	0.57
(1,1264)	1:12:A:VAL:HG11	1:40:A:LEU:HA	15	0.57
(1,1264)	1:12:A:VAL:HG12	1:40:A:LEU:HA	15	0.57
(1,1264)	1:12:A:VAL:HG13	1:40:A:LEU:HA	15	0.57
(1,1035)	1:113:A:PHE:HA	1:116:A:GLN:HG3	13	0.57
(1,1013)	1:12:A:VAL:HB	1:43:A:MET:HE1	11	0.57
(1,1013)	1:12:A:VAL:HB	1:43:A:MET:HE2	11	0.57
(1,1013)	1:12:A:VAL:HB	1:43:A:MET:HE3	11	0.57
(1,1009)	1:105:A:LYS:HD2	1:107:A:LEU:H	2	0.57
(1,1009)	1:105:A:LYS:HD3	1:107:A:LEU:H	2	0.57
(1,964)	1:67:A:PRO:HA	1:70:A:LYS:HB2	18	0.57
(1,964)	1:67:A:PRO:HA	1:70:A:LYS:HB3	18	0.57
(1,919)	1:21:A:THR:HB	1:24:A:ASP:H	16	0.57
(1,852)	1:45:A:ALA:HA	1:48:A:ARG:HD2	9	0.57
(1,852)	1:45:A:ALA:HA	1:48:A:ARG:HD3	9	0.57
(1,849)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	16	0.57
(1,849)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	16	0.57
(1,849)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	16	0.57
(1,849)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	16	0.57
(1,849)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	16	0.57
(1,849)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	16	0.57
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	7	0.57
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	7	0.57
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	7	0.57
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	7	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	7	0.57
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	7	0.57
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	7	0.57
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	7	0.57
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	7	0.57
(1,811)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	7	0.57
(1,811)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	7	0.57
(1,811)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	7	0.57
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG11	15	0.57
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG12	15	0.57
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG13	15	0.57
(1,727)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	10	0.57
(1,727)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	10	0.57
(1,727)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	10	0.57
(1,476)	1:14:A:VAL:H	1:61:A:SER:HA	17	0.57
(1,340)	1:57:A:LEU:H	1:58:A:ILE:HG13	18	0.57
(1,1)	1:39:A:VAL:HG21	1:143:A:TRP:HE1	7	0.57
(1,1)	1:39:A:VAL:HG22	1:143:A:TRP:HE1	7	0.57
(1,1)	1:39:A:VAL:HG23	1:143:A:TRP:HE1	7	0.57
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	14	0.56
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	14	0.56
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	14	0.56
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	14	0.56
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	14	0.56
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	14	0.56
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	14	0.56
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	14	0.56
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	14	0.56
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	14	0.56
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	14	0.56
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	14	0.56
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	14	0.56
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	14	0.56
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	14	0.56
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	14	0.56
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	14	0.56
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	14	0.56
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	8	0.56
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	8	0.56
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	8	0.56
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	8	0.56
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	8	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	8	0.56
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	8	0.56
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	8	0.56
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	8	0.56
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	8	0.56
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	8	0.56
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	8	0.56
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	8	0.56
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	8	0.56
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	8	0.56
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	8	0.56
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	8	0.56
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	8	0.56
(34,1991)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	13	0.56
(34,1991)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	13	0.56
(34,1991)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	13	0.56
(34,1991)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	13	0.56
(34,1991)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	13	0.56
(34,1991)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	13	0.56
(34,1991)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	13	0.56
(34,1991)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	13	0.56
(34,1991)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	13	0.56
(34,1991)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	13	0.56
(34,1991)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	13	0.56
(34,1991)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	13	0.56
(34,1991)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	13	0.56
(34,1991)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	13	0.56
(34,1991)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	13	0.56
(34,1991)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	13	0.56
(34,1991)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	13	0.56
(34,1991)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	13	0.56
(34,1921)	1:58:A:ILE:HA	1:62:A:HIS:HE1	19	0.56
(34,1867)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	3	0.56
(34,1778)	1:97:A:ASP:HA	1:105:A:LYS:HA	16	0.56
(34,1688)	1:125:A:THR:HA	1:128:A:LEU:HA	7	0.56
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG21	6	0.56
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG22	6	0.56
(34,1481)	1:95:A:ILE:H	1:95:A:ILE:HG23	6	0.56
(34,1294)	1:11:A:ILE:HG21	1:15:A:ALA:HA	13	0.56
(34,1294)	1:11:A:ILE:HG22	1:15:A:ALA:HA	13	0.56
(34,1294)	1:11:A:ILE:HG23	1:15:A:ALA:HA	13	0.56
(34,1252)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	8	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1252)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	8	0.56
(34,1252)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	8	0.56
(34,1252)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	17	0.56
(34,1252)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	17	0.56
(34,1252)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	17	0.56
(34,1198)	1:39:A:VAL:HA	1:140:A:LEU:HD21	10	0.56
(34,1198)	1:39:A:VAL:HA	1:140:A:LEU:HD22	10	0.56
(34,1198)	1:39:A:VAL:HA	1:140:A:LEU:HD23	10	0.56
(34,1153)	1:40:A:LEU:HA	1:44:A:GLU:HB2	16	0.56
(34,1153)	1:40:A:LEU:HA	1:44:A:GLU:HB3	16	0.56
(34,1070)	1:11:A:ILE:HA	1:14:A:VAL:HB	8	0.56
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	19	0.56
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	19	0.56
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	19	0.56
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	19	0.56
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	19	0.56
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	19	0.56
(34,705)	1:98:A:ILE:H	1:104:A:PHE:H	5	0.56
(34,649)	1:66:A:THR:H	1:69:A:MET:HA	8	0.56
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD21	13	0.56
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD22	13	0.56
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD23	13	0.56
(34,321)	1:40:A:LEU:HD11	1:43:A:MET:H	16	0.56
(34,321)	1:40:A:LEU:HD12	1:43:A:MET:H	16	0.56
(34,321)	1:40:A:LEU:HD13	1:43:A:MET:H	16	0.56
(34,298)	1:120:A:CYS:HA	1:121:A:VAL:H	11	0.56
(34,119)	1:22:A:ASP:H	1:23:A:LEU:HB2	11	0.56
(34,119)	1:22:A:ASP:H	1:23:A:LEU:HB3	11	0.56
(33,2068)	1:32:A:GLY:HA2	1:34:A:LYS:H	3	0.56
(33,2068)	1:32:A:GLY:HA3	1:34:A:LYS:H	3	0.56
(33,1991)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	7	0.56
(33,1991)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	7	0.56
(33,1991)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	7	0.56
(33,1991)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	7	0.56
(33,1991)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	7	0.56
(33,1991)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	7	0.56
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	16	0.56
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	16	0.56
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	16	0.56
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	16	0.56
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	16	0.56
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	16	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1855)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	3	0.56
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	10	0.56
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	10	0.56
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	10	0.56
(33,1784)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	2	0.56
(33,1784)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	2	0.56
(33,1784)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	2	0.56
(33,1784)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	2	0.56
(33,1759)	1:141:A:LYS:HA	1:148:A:CYS:H	13	0.56
(33,1731)	1:18:A:PHE:HB3	1:132:A:ALA:HA	13	0.56
(33,1731)	1:18:A:PHE:HB2	1:132:A:ALA:HA	13	0.56
(33,1729)	1:19:A:ALA:H	1:132:A:ALA:HA	15	0.56
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD21	15	0.56
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD22	15	0.56
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD23	15	0.56
(33,1620)	1:31:A:PRO:HG2	1:80:A:TYR:HB3	3	0.56
(33,1620)	1:31:A:PRO:HG3	1:80:A:TYR:HB3	3	0.56
(33,1508)	1:69:A:MET:HE1	1:114:A:ILE:H	10	0.56
(33,1508)	1:69:A:MET:HE2	1:114:A:ILE:H	10	0.56
(33,1508)	1:69:A:MET:HE3	1:114:A:ILE:H	10	0.56
(33,1493)	1:12:A:VAL:H	1:43:A:MET:HE1	11	0.56
(33,1493)	1:12:A:VAL:H	1:43:A:MET:HE2	11	0.56
(33,1493)	1:12:A:VAL:H	1:43:A:MET:HE3	11	0.56
(33,1267)	1:23:A:LEU:HA	1:23:A:LEU:HD11	8	0.56
(33,1267)	1:23:A:LEU:HA	1:23:A:LEU:HD12	8	0.56
(33,1267)	1:23:A:LEU:HA	1:23:A:LEU:HD13	8	0.56
(33,1082)	1:45:A:ALA:HA	1:48:A:ARG:HG2	12	0.56
(33,1082)	1:45:A:ALA:HA	1:48:A:ARG:HG3	12	0.56
(33,1041)	1:11:A:ILE:HA	1:14:A:VAL:HB	3	0.56
(33,997)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	12	0.56
(33,997)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	12	0.56
(33,895)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	14	0.56
(33,895)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	14	0.56
(33,895)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	14	0.56
(33,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	5	0.56
(33,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	5	0.56
(33,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	5	0.56
(33,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	5	0.56
(33,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	5	0.56
(33,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	5	0.56
(33,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	5	0.56
(33,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	5	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	5	0.56
(33,642)	1:66:A:THR:H	1:69:A:MET:HA	8	0.56
(33,588)	1:70:A:LYS:HB2	1:75:A:GLY:H	19	0.56
(33,588)	1:70:A:LYS:HB3	1:75:A:GLY:H	19	0.56
(33,290)	1:120:A:CYS:HA	1:121:A:VAL:H	11	0.56
(33,233)	1:40:A:LEU:HD21	1:44:A:GLU:H	19	0.56
(33,233)	1:40:A:LEU:HD22	1:44:A:GLU:H	19	0.56
(33,233)	1:40:A:LEU:HD23	1:44:A:GLU:H	19	0.56
(33,75)	1:63:A:ILE:HG21	1:117:A:VAL:H	11	0.56
(33,75)	1:63:A:ILE:HG22	1:117:A:VAL:H	11	0.56
(33,75)	1:63:A:ILE:HG23	1:117:A:VAL:H	11	0.56
(32,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	17	0.56
(32,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	17	0.56
(32,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	17	0.56
(32,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	17	0.56
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD11	11	0.56
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD12	11	0.56
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD13	11	0.56
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD21	11	0.56
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD22	11	0.56
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD23	11	0.56
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD11	14	0.56
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD12	14	0.56
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD13	14	0.56
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD21	14	0.56
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD22	14	0.56
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD23	14	0.56
(32,1986)	1:18:A:PHE:HB2	1:132:A:ALA:H	5	0.56
(32,1986)	1:18:A:PHE:HB3	1:132:A:ALA:H	5	0.56
(32,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	8	0.56
(32,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	8	0.56
(32,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	8	0.56
(32,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD21	8	0.56
(32,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD22	8	0.56
(32,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD23	8	0.56
(32,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	8	0.56
(32,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	8	0.56
(32,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	8	0.56
(32,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD21	8	0.56
(32,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD22	8	0.56
(32,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD23	8	0.56
(32,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	8	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	8	0.56
(32,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	8	0.56
(32,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD21	8	0.56
(32,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD22	8	0.56
(32,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD23	8	0.56
(32,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	8	0.56
(32,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	8	0.56
(32,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	8	0.56
(32,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD21	8	0.56
(32,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD22	8	0.56
(32,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD23	8	0.56
(32,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	8	0.56
(32,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	8	0.56
(32,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	8	0.56
(32,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD21	8	0.56
(32,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD22	8	0.56
(32,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD23	8	0.56
(32,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	8	0.56
(32,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	8	0.56
(32,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	8	0.56
(32,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD21	8	0.56
(32,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD22	8	0.56
(32,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD23	8	0.56
(32,1851)	1:104:A:PHE:HE1	1:105:A:LYS:H	9	0.56
(32,1851)	1:104:A:PHE:HE2	1:105:A:LYS:H	9	0.56
(32,1842)	1:14:A:VAL:HA	1:18:A:PHE:HD1	6	0.56
(32,1842)	1:14:A:VAL:HA	1:18:A:PHE:HD2	6	0.56
(32,1833)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	10	0.56
(32,1833)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	10	0.56
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	12	0.56
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	12	0.56
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	12	0.56
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	12	0.56
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	12	0.56
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	12	0.56
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE1	8	0.56
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE2	8	0.56
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE3	8	0.56
(32,1392)	1:69:A:MET:HE1	1:73:A:ILE:HG21	5	0.56
(32,1392)	1:69:A:MET:HE1	1:73:A:ILE:HG22	5	0.56
(32,1392)	1:69:A:MET:HE1	1:73:A:ILE:HG23	5	0.56
(32,1392)	1:69:A:MET:HE2	1:73:A:ILE:HG21	5	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1392)	1:69:A:MET:HE2	1:73:A:ILE:HG22	5	0.56
(32,1392)	1:69:A:MET:HE2	1:73:A:ILE:HG23	5	0.56
(32,1392)	1:69:A:MET:HE3	1:73:A:ILE:HG21	5	0.56
(32,1392)	1:69:A:MET:HE3	1:73:A:ILE:HG22	5	0.56
(32,1392)	1:69:A:MET:HE3	1:73:A:ILE:HG23	5	0.56
(32,1357)	1:19:A:ALA:HB1	1:132:A:ALA:HA	14	0.56
(32,1357)	1:19:A:ALA:HB2	1:132:A:ALA:HA	14	0.56
(32,1357)	1:19:A:ALA:HB3	1:132:A:ALA:HA	14	0.56
(32,1259)	1:66:A:THR:HG21	1:96:A:VAL:H	11	0.56
(32,1259)	1:66:A:THR:HG22	1:96:A:VAL:H	11	0.56
(32,1259)	1:66:A:THR:HG23	1:96:A:VAL:H	11	0.56
(32,1135)	1:39:A:VAL:HA	1:140:A:LEU:HD21	10	0.56
(32,1135)	1:39:A:VAL:HA	1:140:A:LEU:HD22	10	0.56
(32,1135)	1:39:A:VAL:HA	1:140:A:LEU:HD23	10	0.56
(32,966)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	12	0.56
(32,966)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	12	0.56
(32,936)	1:11:A:ILE:HD11	1:43:A:MET:HB3	14	0.56
(32,936)	1:11:A:ILE:HD12	1:43:A:MET:HB3	14	0.56
(32,936)	1:11:A:ILE:HD13	1:43:A:MET:HB3	14	0.56
(32,924)	1:12:A:VAL:HA	1:43:A:MET:HG3	5	0.56
(32,869)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	14	0.56
(32,869)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	14	0.56
(32,869)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	14	0.56
(32,799)	1:98:A:ILE:HD11	1:101:A:ILE:HB	9	0.56
(32,799)	1:98:A:ILE:HD12	1:101:A:ILE:HB	9	0.56
(32,799)	1:98:A:ILE:HD13	1:101:A:ILE:HB	9	0.56
(32,778)	1:8:A:ASP:H	1:58:A:ILE:HD11	12	0.56
(32,778)	1:8:A:ASP:H	1:58:A:ILE:HD12	12	0.56
(32,778)	1:8:A:ASP:H	1:58:A:ILE:HD13	12	0.56
(32,628)	1:66:A:THR:H	1:69:A:MET:HA	8	0.56
(32,549)	1:116:A:GLN:H	1:116:A:GLN:HE22	6	0.56
(32,285)	1:120:A:CYS:HA	1:121:A:VAL:H	11	0.56
(30,2457)	1:140:A:LEU:HD11	1:144:A:LEU:H	6	0.56
(30,2457)	1:140:A:LEU:HD12	1:144:A:LEU:H	6	0.56
(30,2457)	1:140:A:LEU:HD13	1:144:A:LEU:H	6	0.56
(30,2457)	1:140:A:LEU:HD21	1:144:A:LEU:H	6	0.56
(30,2457)	1:140:A:LEU:HD22	1:144:A:LEU:H	6	0.56
(30,2457)	1:140:A:LEU:HD23	1:144:A:LEU:H	6	0.56
(30,2370)	1:115:A:ALA:H	1:116:A:GLN:HE21	18	0.56
(30,2370)	1:115:A:ALA:H	1:116:A:GLN:HE22	18	0.56
(30,2346)	1:107:A:LEU:HD11	1:112:A:GLN:HA	1	0.56
(30,2346)	1:107:A:LEU:HD12	1:112:A:GLN:HA	1	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2346)	1:107:A:LEU:HD13	1:112:A:GLN:HA	1	0.56
(30,2346)	1:107:A:LEU:HD21	1:112:A:GLN:HA	1	0.56
(30,2346)	1:107:A:LEU:HD22	1:112:A:GLN:HA	1	0.56
(30,2346)	1:107:A:LEU:HD23	1:112:A:GLN:HA	1	0.56
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	14	0.56
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	14	0.56
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	14	0.56
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	14	0.56
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	14	0.56
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	14	0.56
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD11	19	0.56
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD12	19	0.56
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD13	19	0.56
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD21	19	0.56
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD22	19	0.56
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD23	19	0.56
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD11	19	0.56
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD12	19	0.56
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD13	19	0.56
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD21	19	0.56
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD22	19	0.56
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD23	19	0.56
(30,1859)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	3	0.56
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE1	8	0.56
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE2	8	0.56
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE1	8	0.56
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE2	8	0.56
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE1	8	0.56
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE2	8	0.56
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	15	0.56
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	15	0.56
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	15	0.56
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	15	0.56
(30,1769)	1:97:A:ASP:HA	1:105:A:LYS:HA	16	0.56
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE1	10	0.56
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE2	10	0.56
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE3	10	0.56
(30,1500)	1:12:A:VAL:H	1:43:A:MET:HE1	11	0.56
(30,1500)	1:12:A:VAL:H	1:43:A:MET:HE2	11	0.56
(30,1500)	1:12:A:VAL:H	1:43:A:MET:HE3	11	0.56
(30,1496)	1:114:A:ILE:HG21	1:117:A:VAL:HB	17	0.56
(30,1496)	1:114:A:ILE:HG22	1:117:A:VAL:HB	17	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1496)	1:114:A:ILE:HG23	1:117:A:VAL:HB	17	0.56
(30,1427)	1:69:A:MET:HE1	1:73:A:ILE:HG21	5	0.56
(30,1427)	1:69:A:MET:HE1	1:73:A:ILE:HG22	5	0.56
(30,1427)	1:69:A:MET:HE1	1:73:A:ILE:HG23	5	0.56
(30,1427)	1:69:A:MET:HE2	1:73:A:ILE:HG21	5	0.56
(30,1427)	1:69:A:MET:HE2	1:73:A:ILE:HG22	5	0.56
(30,1427)	1:69:A:MET:HE2	1:73:A:ILE:HG23	5	0.56
(30,1427)	1:69:A:MET:HE3	1:73:A:ILE:HG21	5	0.56
(30,1427)	1:69:A:MET:HE3	1:73:A:ILE:HG22	5	0.56
(30,1427)	1:69:A:MET:HE3	1:73:A:ILE:HG23	5	0.56
(30,1222)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	8	0.56
(30,1222)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	8	0.56
(30,1222)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	8	0.56
(30,1222)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	17	0.56
(30,1222)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	17	0.56
(30,1222)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	17	0.56
(30,987)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	12	0.56
(30,987)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	12	0.56
(30,983)	1:105:A:LYS:HD2	1:107:A:LEU:H	15	0.56
(30,983)	1:105:A:LYS:HD3	1:107:A:LEU:H	15	0.56
(30,832)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	16	0.56
(30,832)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	16	0.56
(30,832)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	16	0.56
(30,832)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	16	0.56
(30,832)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	16	0.56
(30,832)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	16	0.56
(30,832)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	16	0.56
(30,832)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	16	0.56
(30,832)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	16	0.56
(30,830)	1:110:A:MET:HG2	1:114:A:ILE:HD11	17	0.56
(30,830)	1:110:A:MET:HG2	1:114:A:ILE:HD12	17	0.56
(30,830)	1:110:A:MET:HG2	1:114:A:ILE:HD13	17	0.56
(30,830)	1:110:A:MET:HG3	1:114:A:ILE:HD11	17	0.56
(30,830)	1:110:A:MET:HG3	1:114:A:ILE:HD12	17	0.56
(30,830)	1:110:A:MET:HG3	1:114:A:ILE:HD13	17	0.56
(30,807)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	5	0.56
(30,807)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	5	0.56
(30,807)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	5	0.56
(30,807)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	5	0.56
(30,807)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	5	0.56
(30,807)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	5	0.56
(30,807)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	5	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,807)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	5	0.56
(30,807)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	5	0.56
(30,792)	1:54:A:ARG:HB3	1:58:A:ILE:HD11	17	0.56
(30,792)	1:54:A:ARG:HB3	1:58:A:ILE:HD12	17	0.56
(30,792)	1:54:A:ARG:HB3	1:58:A:ILE:HD13	17	0.56
(30,783)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	13	0.56
(30,783)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	13	0.56
(30,783)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	13	0.56
(30,783)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	13	0.56
(30,783)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	13	0.56
(30,783)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	13	0.56
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	16	0.56
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	16	0.56
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	16	0.56
(30,698)	1:98:A:ILE:H	1:104:A:PHE:H	5	0.56
(30,679)	1:133:A:ASN:H	1:134:A:VAL:HG21	19	0.56
(30,679)	1:133:A:ASN:H	1:134:A:VAL:HG22	19	0.56
(30,679)	1:133:A:ASN:H	1:134:A:VAL:HG23	19	0.56
(30,640)	1:66:A:THR:H	1:69:A:MET:HA	8	0.56
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD21	13	0.56
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD22	13	0.56
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD23	13	0.56
(30,397)	1:105:A:LYS:HD2	1:106:A:ASP:H	16	0.56
(30,397)	1:105:A:LYS:HD3	1:106:A:ASP:H	16	0.56
(30,293)	1:120:A:CYS:HA	1:121:A:VAL:H	11	0.56
(29,2238)	1:69:A:MET:HG2	1:70:A:LYS:HG2	9	0.56
(29,2238)	1:69:A:MET:HG3	1:70:A:LYS:HG2	9	0.56
(29,2225)	1:65:A:CYS:HB2	1:69:A:MET:HE1	12	0.56
(29,2225)	1:65:A:CYS:HB2	1:69:A:MET:HE2	12	0.56
(29,2225)	1:65:A:CYS:HB2	1:69:A:MET:HE3	12	0.56
(29,2225)	1:65:A:CYS:HB3	1:69:A:MET:HE1	12	0.56
(29,2225)	1:65:A:CYS:HB3	1:69:A:MET:HE2	12	0.56
(29,2225)	1:65:A:CYS:HB3	1:69:A:MET:HE3	12	0.56
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD11	3	0.56
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD12	3	0.56
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD13	3	0.56
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD21	3	0.56
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD22	3	0.56
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD23	3	0.56
(29,1901)	1:104:A:PHE:HE1	1:105:A:LYS:H	9	0.56
(29,1901)	1:104:A:PHE:HE2	1:105:A:LYS:H	9	0.56
(29,1869)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	19	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1869)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	19	0.56
(29,1869)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	19	0.56
(29,1869)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	19	0.56
(29,1869)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	19	0.56
(29,1869)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	19	0.56
(29,1782)	1:141:A:LYS:HA	1:148:A:CYS:H	13	0.56
(29,1507)	1:114:A:ILE:HG21	1:117:A:VAL:HB	17	0.56
(29,1507)	1:114:A:ILE:HG22	1:117:A:VAL:HB	17	0.56
(29,1507)	1:114:A:ILE:HG23	1:117:A:VAL:HB	17	0.56
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB2	4	0.56
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB3	4	0.56
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB2	4	0.56
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB3	4	0.56
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB2	4	0.56
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB3	4	0.56
(29,1057)	1:11:A:ILE:HA	1:14:A:VAL:HB	8	0.56
(29,1040)	1:8:A:ASP:H	1:58:A:ILE:HG12	3	0.56
(29,1005)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	16	0.56
(29,1005)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	16	0.56
(29,928)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	6	0.56
(29,928)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	6	0.56
(29,928)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	6	0.56
(29,928)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	8	0.56
(29,928)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	8	0.56
(29,928)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	8	0.56
(29,846)	1:110:A:MET:HG2	1:114:A:ILE:HD11	17	0.56
(29,846)	1:110:A:MET:HG2	1:114:A:ILE:HD12	17	0.56
(29,846)	1:110:A:MET:HG2	1:114:A:ILE:HD13	17	0.56
(29,846)	1:110:A:MET:HG3	1:114:A:ILE:HD11	17	0.56
(29,846)	1:110:A:MET:HG3	1:114:A:ILE:HD12	17	0.56
(29,846)	1:110:A:MET:HG3	1:114:A:ILE:HD13	17	0.56
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	16	0.56
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	16	0.56
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	16	0.56
(29,687)	1:133:A:ASN:H	1:134:A:VAL:HG21	19	0.56
(29,687)	1:133:A:ASN:H	1:134:A:VAL:HG22	19	0.56
(29,687)	1:133:A:ASN:H	1:134:A:VAL:HG23	19	0.56
(29,579)	1:11:A:ILE:HD11	1:16:A:SER:H	17	0.56
(29,579)	1:11:A:ILE:HD12	1:16:A:SER:H	17	0.56
(29,579)	1:11:A:ILE:HD13	1:16:A:SER:H	17	0.56
(29,32)	1:96:A:VAL:H	1:97:A:ASP:H	18	0.56
(23,20)	1:128:A:LEU:N	1:124:A:THR:O	13	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(23,16)	1:117:A:VAL:N	1:113:A:PHE:O	1	0.56
(23,7)	1:60:A:LEU:N	1:56:A:CYS:O	7	0.56
(23,5)	1:58:A:ILE:N	1:54:A:ARG:O	6	0.56
(23,5)	1:58:A:ILE:N	1:54:A:ARG:O	16	0.56
(22,36)	1:119:A:LEU:N	1:115:A:ALA:C	2	0.56
(22,36)	1:119:A:LEU:N	1:115:A:ALA:C	12	0.56
(22,34)	1:118:A:ASP:N	1:114:A:ILE:C	7	0.56
(22,22)	1:107:A:LEU:N	1:103:A:ARG:C	3	0.56
(22,17)	1:73:A:ILE:H	1:69:A:MET:C	3	0.56
(22,14)	1:60:A:LEU:N	1:56:A:CYS:C	12	0.56
(22,10)	1:58:A:ILE:N	1:54:A:ARG:C	1	0.56
(22,2)	1:17:A:ASN:N	1:13:A:ALA:C	12	0.56
(19,15)	1:52:A:CYS:SG	1:127:A:CYS:CB	12	0.56
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD11	11	0.56
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD12	11	0.56
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD13	11	0.56
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD21	11	0.56
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD22	11	0.56
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD23	11	0.56
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD11	11	0.56
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD12	11	0.56
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD13	11	0.56
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD21	11	0.56
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD22	11	0.56
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD23	11	0.56
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD11	11	0.56
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD12	11	0.56
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD13	11	0.56
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD21	11	0.56
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD22	11	0.56
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD23	11	0.56
(18,2194)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	12	0.56
(18,2194)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	12	0.56
(18,2194)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	12	0.56
(18,2194)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	12	0.56
(18,2194)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	12	0.56
(18,2194)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	12	0.56
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG11	6	0.56
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG12	6	0.56
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG13	6	0.56
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG21	6	0.56
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG22	6	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG23	6	0.56
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG11	6	0.56
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG12	6	0.56
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG13	6	0.56
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG21	6	0.56
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG22	6	0.56
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG23	6	0.56
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG11	6	0.56
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG12	6	0.56
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG13	6	0.56
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG21	6	0.56
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG22	6	0.56
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG23	6	0.56
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD11	11	0.56
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD12	11	0.56
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD13	11	0.56
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD21	11	0.56
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD22	11	0.56
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD23	11	0.56
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD11	7	0.56
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD12	7	0.56
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD13	7	0.56
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD21	7	0.56
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD22	7	0.56
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD23	7	0.56
(18,2062)	1:35:A:LEU:H	1:35:A:LEU:HD11	6	0.56
(18,2062)	1:35:A:LEU:H	1:35:A:LEU:HD12	6	0.56
(18,2062)	1:35:A:LEU:H	1:35:A:LEU:HD13	6	0.56
(18,2062)	1:35:A:LEU:H	1:35:A:LEU:HD21	6	0.56
(18,2062)	1:35:A:LEU:H	1:35:A:LEU:HD22	6	0.56
(18,2062)	1:35:A:LEU:H	1:35:A:LEU:HD23	6	0.56
(18,2037)	1:23:A:LEU:HD11	1:24:A:ASP:H	16	0.56
(18,2037)	1:23:A:LEU:HD12	1:24:A:ASP:H	16	0.56
(18,2037)	1:23:A:LEU:HD13	1:24:A:ASP:H	16	0.56
(18,2037)	1:23:A:LEU:HD21	1:24:A:ASP:H	16	0.56
(18,2037)	1:23:A:LEU:HD22	1:24:A:ASP:H	16	0.56
(18,2037)	1:23:A:LEU:HD23	1:24:A:ASP:H	16	0.56
(18,1959)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	12	0.56
(18,1959)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	12	0.56
(18,1959)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	12	0.56
(18,1959)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	12	0.56
(18,1959)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	12	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1959)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	12	0.56
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	2	0.56
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	2	0.56
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	2	0.56
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	2	0.56
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	2	0.56
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	2	0.56
(18,1775)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	7	0.56
(18,1775)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	7	0.56
(18,1775)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	7	0.56
(18,1775)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	7	0.56
(18,1705)	1:79:A:THR:HG21	1:81:A:GLU:HB3	7	0.56
(18,1705)	1:79:A:THR:HG22	1:81:A:GLU:HB3	7	0.56
(18,1705)	1:79:A:THR:HG23	1:81:A:GLU:HB3	7	0.56
(18,1492)	1:12:A:VAL:H	1:43:A:MET:HE1	11	0.56
(18,1492)	1:12:A:VAL:H	1:43:A:MET:HE2	11	0.56
(18,1492)	1:12:A:VAL:H	1:43:A:MET:HE3	11	0.56
(18,1286)	1:66:A:THR:HG21	1:96:A:VAL:H	11	0.56
(18,1286)	1:66:A:THR:HG22	1:96:A:VAL:H	11	0.56
(18,1286)	1:66:A:THR:HG23	1:96:A:VAL:H	11	0.56
(18,1003)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	12	0.56
(18,1003)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	12	0.56
(18,944)	1:73:A:ILE:HD11	1:112:A:GLN:HG2	11	0.56
(18,944)	1:73:A:ILE:HD11	1:112:A:GLN:HG3	11	0.56
(18,944)	1:73:A:ILE:HD12	1:112:A:GLN:HG2	11	0.56
(18,944)	1:73:A:ILE:HD12	1:112:A:GLN:HG3	11	0.56
(18,944)	1:73:A:ILE:HD13	1:112:A:GLN:HG2	11	0.56
(18,944)	1:73:A:ILE:HD13	1:112:A:GLN:HG3	11	0.56
(18,942)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	13	0.56
(18,942)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	13	0.56
(18,910)	1:20:A:THR:H	1:21:A:THR:HB	8	0.56
(18,908)	1:67:A:PRO:HD3	1:95:A:ILE:HB	2	0.56
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	15	0.56
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	15	0.56
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	15	0.56
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	15	0.56
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	15	0.56
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	15	0.56
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	15	0.56
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	15	0.56
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	15	0.56
(18,731)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	10	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,731)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	10	0.56
(18,731)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	10	0.56
(18,720)	1:23:A:LEU:HD21	1:27:A:ARG:HE	11	0.56
(18,720)	1:23:A:LEU:HD22	1:27:A:ARG:HE	11	0.56
(18,720)	1:23:A:LEU:HD23	1:27:A:ARG:HE	11	0.56
(18,382)	1:40:A:LEU:HB2	1:41:A:LYS:H	14	0.56
(18,300)	1:120:A:CYS:HA	1:121:A:VAL:H	11	0.56
(17,2358)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	4	0.56
(17,2358)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	4	0.56
(17,2358)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	4	0.56
(17,2358)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	4	0.56
(17,2358)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	4	0.56
(17,2358)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	4	0.56
(17,2299)	1:98:A:ILE:H	1:104:A:PHE:HB2	16	0.56
(17,2299)	1:98:A:ILE:H	1:104:A:PHE:HB3	16	0.56
(17,2238)	1:65:A:CYS:HB2	1:69:A:MET:HE1	12	0.56
(17,2238)	1:65:A:CYS:HB2	1:69:A:MET:HE2	12	0.56
(17,2238)	1:65:A:CYS:HB2	1:69:A:MET:HE3	12	0.56
(17,2238)	1:65:A:CYS:HB3	1:69:A:MET:HE1	12	0.56
(17,2238)	1:65:A:CYS:HB3	1:69:A:MET:HE2	12	0.56
(17,2238)	1:65:A:CYS:HB3	1:69:A:MET:HE3	12	0.56
(17,2177)	1:46:A:ASN:HD21	1:137:A:SER:HB2	17	0.56
(17,2177)	1:46:A:ASN:HD21	1:137:A:SER:HB3	17	0.56
(17,1883)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	10	0.56
(17,1883)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	10	0.56
(17,1874)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	3	0.56
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE1	10	0.56
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE2	10	0.56
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE3	10	0.56
(17,1501)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	19	0.56
(17,1501)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	19	0.56
(17,1501)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	19	0.56
(17,1501)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	19	0.56
(17,1501)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	19	0.56
(17,1501)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	19	0.56
(17,1446)	1:69:A:MET:HE1	1:73:A:ILE:HG21	5	0.56
(17,1446)	1:69:A:MET:HE1	1:73:A:ILE:HG22	5	0.56
(17,1446)	1:69:A:MET:HE1	1:73:A:ILE:HG23	5	0.56
(17,1446)	1:69:A:MET:HE2	1:73:A:ILE:HG21	5	0.56
(17,1446)	1:69:A:MET:HE2	1:73:A:ILE:HG22	5	0.56
(17,1446)	1:69:A:MET:HE2	1:73:A:ILE:HG23	5	0.56
(17,1446)	1:69:A:MET:HE3	1:73:A:ILE:HG21	5	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1446)	1:69:A:MET:HE3	1:73:A:ILE:HG22	5	0.56
(17,1446)	1:69:A:MET:HE3	1:73:A:ILE:HG23	5	0.56
(17,1269)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	14	0.56
(17,1269)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	14	0.56
(17,1269)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	14	0.56
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD21	4	0.56
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD22	4	0.56
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD23	4	0.56
(17,1184)	1:39:A:VAL:HA	1:140:A:LEU:HD21	10	0.56
(17,1184)	1:39:A:VAL:HA	1:140:A:LEU:HD22	10	0.56
(17,1184)	1:39:A:VAL:HA	1:140:A:LEU:HD23	10	0.56
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	11	0.56
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	11	0.56
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	11	0.56
(17,1093)	1:48:A:ARG:HG2	1:49:A:LYS:HA	14	0.56
(17,1093)	1:48:A:ARG:HG3	1:49:A:LYS:HA	14	0.56
(17,1093)	1:48:A:ARG:HG2	1:49:A:LYS:HA	19	0.56
(17,1093)	1:48:A:ARG:HG3	1:49:A:LYS:HA	19	0.56
(17,937)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	2	0.56
(17,937)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	2	0.56
(17,937)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	2	0.56
(17,937)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	2	0.56
(17,820)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	5	0.56
(17,820)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	5	0.56
(17,820)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	5	0.56
(17,820)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	5	0.56
(17,820)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	5	0.56
(17,820)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	5	0.56
(17,820)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	5	0.56
(17,820)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	5	0.56
(17,820)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	5	0.56
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	7	0.56
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	7	0.56
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	7	0.56
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	7	0.56
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	7	0.56
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	7	0.56
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	7	0.56
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	7	0.56
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	7	0.56
(17,806)	1:11:A:ILE:HD11	1:47:A:ALA:HB1	6	0.56
(17,806)	1:11:A:ILE:HD11	1:47:A:ALA:HB2	6	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,806)	1:11:A:ILE:HD11	1:47:A:ALA:HB3	6	0.56
(17,806)	1:11:A:ILE:HD12	1:47:A:ALA:HB1	6	0.56
(17,806)	1:11:A:ILE:HD12	1:47:A:ALA:HB2	6	0.56
(17,806)	1:11:A:ILE:HD12	1:47:A:ALA:HB3	6	0.56
(17,806)	1:11:A:ILE:HD13	1:47:A:ALA:HB1	6	0.56
(17,806)	1:11:A:ILE:HD13	1:47:A:ALA:HB2	6	0.56
(17,806)	1:11:A:ILE:HD13	1:47:A:ALA:HB3	6	0.56
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD11	11	0.56
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD12	11	0.56
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD13	11	0.56
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	16	0.56
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	16	0.56
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	16	0.56
(17,643)	1:66:A:THR:H	1:69:A:MET:HA	8	0.56
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	13	0.56
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	13	0.56
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	13	0.56
(17,550)	1:124:A:THR:H	1:128:A:LEU:HD21	4	0.56
(17,550)	1:124:A:THR:H	1:128:A:LEU:HD22	4	0.56
(17,550)	1:124:A:THR:H	1:128:A:LEU:HD23	4	0.56
(17,290)	1:120:A:CYS:HA	1:121:A:VAL:H	11	0.56
(17,232)	1:40:A:LEU:HD21	1:44:A:GLU:H	19	0.56
(17,232)	1:40:A:LEU:HD22	1:44:A:GLU:H	19	0.56
(17,232)	1:40:A:LEU:HD23	1:44:A:GLU:H	19	0.56
(17,115)	1:22:A:ASP:H	1:23:A:LEU:HB2	11	0.56
(17,115)	1:22:A:ASP:H	1:23:A:LEU:HB3	11	0.56
(17,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	13	0.56
(16,2353)	1:113:A:PHE:HD1	1:116:A:GLN:HG2	4	0.56
(16,2353)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	4	0.56
(16,2353)	1:113:A:PHE:HD2	1:116:A:GLN:HG2	4	0.56
(16,2353)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	4	0.56
(16,2329)	1:107:A:LEU:HD11	1:112:A:GLN:HA	1	0.56
(16,2329)	1:107:A:LEU:HD12	1:112:A:GLN:HA	1	0.56
(16,2329)	1:107:A:LEU:HD13	1:112:A:GLN:HA	1	0.56
(16,2329)	1:107:A:LEU:HD21	1:112:A:GLN:HA	1	0.56
(16,2329)	1:107:A:LEU:HD22	1:112:A:GLN:HA	1	0.56
(16,2329)	1:107:A:LEU:HD23	1:112:A:GLN:HA	1	0.56
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD11	5	0.56
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD12	5	0.56
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD13	5	0.56
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD21	5	0.56
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD22	5	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD23	5	0.56
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG11	12	0.56
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG12	12	0.56
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG13	12	0.56
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG21	12	0.56
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG22	12	0.56
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG23	12	0.56
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD11	3	0.56
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD12	3	0.56
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD13	3	0.56
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD21	3	0.56
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD22	3	0.56
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD23	3	0.56
(16,2088)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	10	0.56
(16,2088)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	10	0.56
(16,2088)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	10	0.56
(16,2088)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	10	0.56
(16,2088)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	10	0.56
(16,2088)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	10	0.56
(16,2088)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	10	0.56
(16,2088)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	10	0.56
(16,2088)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	10	0.56
(16,2088)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	10	0.56
(16,2088)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	10	0.56
(16,2088)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	10	0.56
(16,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	10	0.56
(16,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	10	0.56
(16,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	10	0.56
(16,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	10	0.56
(16,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	10	0.56
(16,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	10	0.56
(16,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	10	0.56
(16,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	10	0.56
(16,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	10	0.56
(16,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	10	0.56
(16,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	10	0.56
(16,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	10	0.56
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD11	6	0.56
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD12	6	0.56
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD13	6	0.56
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD21	6	0.56
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD22	6	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD23	6	0.56
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD11	6	0.56
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD12	6	0.56
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD13	6	0.56
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD21	6	0.56
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD22	6	0.56
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD23	6	0.56
(16,1983)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	4	0.56
(16,1983)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	4	0.56
(16,1983)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	4	0.56
(16,1983)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	4	0.56
(16,1983)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	4	0.56
(16,1983)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	4	0.56
(16,1983)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	4	0.56
(16,1983)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	4	0.56
(16,1983)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	4	0.56
(16,1983)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	4	0.56
(16,1983)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	4	0.56
(16,1983)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	4	0.56
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD11	12	0.56
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD12	12	0.56
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD13	12	0.56
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD21	12	0.56
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD22	12	0.56
(16,1971)	1:13:A:ALA:HA	1:30:A:LEU:HD23	12	0.56
(16,1932)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	6	0.56
(16,1932)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	6	0.56
(16,1932)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	6	0.56
(16,1932)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	6	0.56
(16,1884)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	14	0.56
(16,1884)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	14	0.56
(16,1884)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	14	0.56
(16,1884)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	14	0.56
(16,1884)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	14	0.56
(16,1884)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	14	0.56
(16,1882)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	5	0.56
(16,1882)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	5	0.56
(16,1882)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	5	0.56
(16,1882)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	5	0.56
(16,1882)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	5	0.56
(16,1882)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	5	0.56
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	15	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	15	0.56
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	15	0.56
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	15	0.56
(16,1531)	1:69:A:MET:HE1	1:76:A:ARG:HG2	11	0.56
(16,1531)	1:69:A:MET:HE1	1:76:A:ARG:HG3	11	0.56
(16,1531)	1:69:A:MET:HE2	1:76:A:ARG:HG2	11	0.56
(16,1531)	1:69:A:MET:HE2	1:76:A:ARG:HG3	11	0.56
(16,1531)	1:69:A:MET:HE3	1:76:A:ARG:HG2	11	0.56
(16,1531)	1:69:A:MET:HE3	1:76:A:ARG:HG3	11	0.56
(16,981)	1:43:A:MET:HB3	1:134:A:VAL:HG11	2	0.56
(16,981)	1:43:A:MET:HB3	1:134:A:VAL:HG12	2	0.56
(16,981)	1:43:A:MET:HB3	1:134:A:VAL:HG13	2	0.56
(16,705)	1:98:A:ILE:H	1:104:A:PHE:H	5	0.56
(16,688)	1:133:A:ASN:H	1:134:A:VAL:HG21	19	0.56
(16,688)	1:133:A:ASN:H	1:134:A:VAL:HG22	19	0.56
(16,688)	1:133:A:ASN:H	1:134:A:VAL:HG23	19	0.56
(16,645)	1:66:A:THR:H	1:69:A:MET:HA	8	0.56
(16,580)	1:42:A:GLU:HB3	1:46:A:ASN:HD21	7	0.56
(16,355)	1:73:A:ILE:HD11	1:111:A:GLU:H	5	0.56
(16,355)	1:73:A:ILE:HD12	1:111:A:GLU:H	5	0.56
(16,355)	1:73:A:ILE:HD13	1:111:A:GLU:H	5	0.56
(16,303)	1:43:A:MET:H	1:43:A:MET:HG2	11	0.56
(16,298)	1:120:A:CYS:HA	1:121:A:VAL:H	11	0.56
(15,2498)	1:145:A:PRO:HD2	1:147:A:ARG:H	8	0.56
(15,2498)	1:145:A:PRO:HD3	1:147:A:ARG:H	8	0.56
(15,2207)	1:65:A:CYS:HB2	1:69:A:MET:HE1	12	0.56
(15,2207)	1:65:A:CYS:HB2	1:69:A:MET:HE2	12	0.56
(15,2207)	1:65:A:CYS:HB2	1:69:A:MET:HE3	12	0.56
(15,2207)	1:65:A:CYS:HB3	1:69:A:MET:HE1	12	0.56
(15,2207)	1:65:A:CYS:HB3	1:69:A:MET:HE2	12	0.56
(15,2207)	1:65:A:CYS:HB3	1:69:A:MET:HE3	12	0.56
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	8	0.56
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	8	0.56
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	8	0.56
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	8	0.56
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	8	0.56
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	8	0.56
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	8	0.56
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	8	0.56
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	8	0.56
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	8	0.56
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	8	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	8	0.56
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	8	0.56
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	8	0.56
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	8	0.56
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	8	0.56
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	8	0.56
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	8	0.56
(15,2135)	1:46:A:ASN:HD21	1:137:A:SER:HB2	17	0.56
(15,2135)	1:46:A:ASN:HD21	1:137:A:SER:HB3	17	0.56
(15,1929)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	17	0.56
(15,1929)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	17	0.56
(15,1929)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	17	0.56
(15,1929)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	17	0.56
(15,1891)	1:58:A:ILE:HA	1:62:A:HIS:HE1	19	0.56
(15,1864)	1:104:A:PHE:HE1	1:105:A:LYS:H	9	0.56
(15,1864)	1:104:A:PHE:HE2	1:105:A:LYS:H	9	0.56
(15,1850)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	10	0.56
(15,1850)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	10	0.56
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD21	18	0.56
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD22	18	0.56
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD23	18	0.56
(15,1577)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	7	0.56
(15,1577)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	7	0.56
(15,1577)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	7	0.56
(15,1493)	1:12:A:VAL:H	1:43:A:MET:HE1	11	0.56
(15,1493)	1:12:A:VAL:H	1:43:A:MET:HE2	11	0.56
(15,1493)	1:12:A:VAL:H	1:43:A:MET:HE3	11	0.56
(15,1490)	1:114:A:ILE:HG21	1:117:A:VAL:HB	17	0.56
(15,1490)	1:114:A:ILE:HG22	1:117:A:VAL:HB	17	0.56
(15,1490)	1:114:A:ILE:HG23	1:117:A:VAL:HB	17	0.56
(15,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	17	0.56
(15,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	17	0.56
(15,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	17	0.56
(15,1173)	1:39:A:VAL:HA	1:140:A:LEU:HD21	10	0.56
(15,1173)	1:39:A:VAL:HA	1:140:A:LEU:HD22	10	0.56
(15,1173)	1:39:A:VAL:HA	1:140:A:LEU:HD23	10	0.56
(15,836)	1:110:A:MET:HG2	1:114:A:ILE:HD11	17	0.56
(15,836)	1:110:A:MET:HG2	1:114:A:ILE:HD12	17	0.56
(15,836)	1:110:A:MET:HG2	1:114:A:ILE:HD13	17	0.56
(15,836)	1:110:A:MET:HG3	1:114:A:ILE:HD11	17	0.56
(15,836)	1:110:A:MET:HG3	1:114:A:ILE:HD12	17	0.56
(15,836)	1:110:A:MET:HG3	1:114:A:ILE:HD13	17	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,648)	1:66:A:THR:H	1:69:A:MET:HA	8	0.56
(15,582)	1:11:A:ILE:HD11	1:16:A:SER:H	17	0.56
(15,582)	1:11:A:ILE:HD12	1:16:A:SER:H	17	0.56
(15,582)	1:11:A:ILE:HD13	1:16:A:SER:H	17	0.56
(15,487)	1:147:A:ARG:HD2	1:148:A:CYS:H	10	0.56
(15,487)	1:147:A:ARG:HD3	1:148:A:CYS:H	10	0.56
(15,297)	1:120:A:CYS:HA	1:121:A:VAL:H	11	0.56
(13,2311)	1:107:A:LEU:HD11	1:112:A:GLN:HA	1	0.56
(13,2311)	1:107:A:LEU:HD12	1:112:A:GLN:HA	1	0.56
(13,2311)	1:107:A:LEU:HD13	1:112:A:GLN:HA	1	0.56
(13,2311)	1:107:A:LEU:HD21	1:112:A:GLN:HA	1	0.56
(13,2311)	1:107:A:LEU:HD22	1:112:A:GLN:HA	1	0.56
(13,2311)	1:107:A:LEU:HD23	1:112:A:GLN:HA	1	0.56
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD11	6	0.56
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD12	6	0.56
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD13	6	0.56
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD21	6	0.56
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD22	6	0.56
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD23	6	0.56
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	10	0.56
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	10	0.56
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	10	0.56
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	10	0.56
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	10	0.56
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	10	0.56
(13,1908)	1:10:A:ASN:HD21	1:80:A:TYR:HB3	11	0.56
(13,1908)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	11	0.56
(13,1808)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	19	0.56
(13,1808)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	19	0.56
(13,1808)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	19	0.56
(13,1808)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	19	0.56
(13,1808)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	19	0.56
(13,1808)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	19	0.56
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE1	8	0.56
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE2	8	0.56
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE3	8	0.56
(13,1452)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	19	0.56
(13,1452)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	19	0.56
(13,1452)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	19	0.56
(13,1452)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	19	0.56
(13,1452)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	19	0.56
(13,1452)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	19	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1315)	1:105:A:LYS:HG2	1:106:A:ASP:HA	1	0.56
(13,1201)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	8	0.56
(13,1201)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	8	0.56
(13,1201)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	8	0.56
(13,1201)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	17	0.56
(13,1201)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	17	0.56
(13,1201)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	17	0.56
(13,1150)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	5	0.56
(13,1150)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	5	0.56
(13,1150)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	5	0.56
(13,1150)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	5	0.56
(13,1150)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	5	0.56
(13,1150)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	5	0.56
(13,796)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	5	0.56
(13,796)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	5	0.56
(13,796)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	5	0.56
(13,796)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	5	0.56
(13,796)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	5	0.56
(13,796)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	5	0.56
(13,796)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	5	0.56
(13,796)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	5	0.56
(13,796)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	5	0.56
(13,773)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	3	0.56
(13,773)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	3	0.56
(13,773)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	3	0.56
(13,773)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	3	0.56
(13,773)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	3	0.56
(13,773)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	3	0.56
(13,682)	1:98:A:ILE:H	1:104:A:PHE:H	5	0.56
(13,635)	1:66:A:THR:H	1:69:A:MET:HA	8	0.56
(13,549)	1:124:A:THR:H	1:128:A:LEU:HD21	4	0.56
(13,549)	1:124:A:THR:H	1:128:A:LEU:HD22	4	0.56
(13,549)	1:124:A:THR:H	1:128:A:LEU:HD23	4	0.56
(13,492)	1:105:A:LYS:H	1:105:A:LYS:HD2	8	0.56
(13,492)	1:105:A:LYS:H	1:105:A:LYS:HD3	8	0.56
(13,492)	1:105:A:LYS:H	1:105:A:LYS:HD2	11	0.56
(13,492)	1:105:A:LYS:H	1:105:A:LYS:HD3	11	0.56
(13,417)	1:100:A:ALA:H	1:119:A:LEU:HB3	12	0.56
(13,290)	1:120:A:CYS:HA	1:121:A:VAL:H	11	0.56
(13,156)	1:127:A:CYS:H	1:128:A:LEU:HG	19	0.56
(11,2417)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	14	0.56
(11,2417)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	14	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2417)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	14	0.56
(11,2417)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	14	0.56
(11,2417)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	14	0.56
(11,2417)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	14	0.56
(11,2417)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	14	0.56
(11,2417)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	14	0.56
(11,2417)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	14	0.56
(11,2417)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	14	0.56
(11,2417)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	14	0.56
(11,2417)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	14	0.56
(11,2092)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	10	0.56
(11,2092)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	10	0.56
(11,2092)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	10	0.56
(11,2092)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	10	0.56
(11,2092)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	10	0.56
(11,2092)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	10	0.56
(11,2092)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	10	0.56
(11,2092)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	10	0.56
(11,2092)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	10	0.56
(11,2092)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	10	0.56
(11,2092)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	10	0.56
(11,2092)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	10	0.56
(11,1935)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	5	0.56
(11,1935)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	5	0.56
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	15	0.56
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	15	0.56
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	15	0.56
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	15	0.56
(11,1802)	1:97:A:ASP:HA	1:105:A:LYS:HA	16	0.56
(11,1691)	1:69:A:MET:HE1	1:117:A:VAL:HG21	15	0.56
(11,1691)	1:69:A:MET:HE1	1:117:A:VAL:HG22	15	0.56
(11,1691)	1:69:A:MET:HE1	1:117:A:VAL:HG23	15	0.56
(11,1691)	1:69:A:MET:HE2	1:117:A:VAL:HG21	15	0.56
(11,1691)	1:69:A:MET:HE2	1:117:A:VAL:HG22	15	0.56
(11,1691)	1:69:A:MET:HE2	1:117:A:VAL:HG23	15	0.56
(11,1691)	1:69:A:MET:HE3	1:117:A:VAL:HG21	15	0.56
(11,1691)	1:69:A:MET:HE3	1:117:A:VAL:HG22	15	0.56
(11,1691)	1:69:A:MET:HE3	1:117:A:VAL:HG23	15	0.56
(11,1651)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	8	0.56
(11,1651)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	8	0.56
(11,1651)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	8	0.56
(11,1651)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	8	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1651)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	8	0.56
(11,1651)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	8	0.56
(11,1555)	1:76:A:ARG:HG2	1:110:A:MET:HE1	13	0.56
(11,1555)	1:76:A:ARG:HG2	1:110:A:MET:HE2	13	0.56
(11,1555)	1:76:A:ARG:HG2	1:110:A:MET:HE3	13	0.56
(11,1555)	1:76:A:ARG:HG3	1:110:A:MET:HE1	13	0.56
(11,1555)	1:76:A:ARG:HG3	1:110:A:MET:HE2	13	0.56
(11,1555)	1:76:A:ARG:HG3	1:110:A:MET:HE3	13	0.56
(11,1554)	1:69:A:MET:HE1	1:76:A:ARG:HG2	3	0.56
(11,1554)	1:69:A:MET:HE1	1:76:A:ARG:HG3	3	0.56
(11,1554)	1:69:A:MET:HE2	1:76:A:ARG:HG2	3	0.56
(11,1554)	1:69:A:MET:HE2	1:76:A:ARG:HG3	3	0.56
(11,1554)	1:69:A:MET:HE3	1:76:A:ARG:HG2	3	0.56
(11,1554)	1:69:A:MET:HE3	1:76:A:ARG:HG3	3	0.56
(11,1500)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	19	0.56
(11,1500)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	19	0.56
(11,1500)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	19	0.56
(11,1500)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	19	0.56
(11,1500)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	19	0.56
(11,1500)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	19	0.56
(11,1445)	1:69:A:MET:HE1	1:73:A:ILE:HG21	5	0.56
(11,1445)	1:69:A:MET:HE1	1:73:A:ILE:HG22	5	0.56
(11,1445)	1:69:A:MET:HE1	1:73:A:ILE:HG23	5	0.56
(11,1445)	1:69:A:MET:HE2	1:73:A:ILE:HG21	5	0.56
(11,1445)	1:69:A:MET:HE2	1:73:A:ILE:HG22	5	0.56
(11,1445)	1:69:A:MET:HE2	1:73:A:ILE:HG23	5	0.56
(11,1445)	1:69:A:MET:HE3	1:73:A:ILE:HG21	5	0.56
(11,1445)	1:69:A:MET:HE3	1:73:A:ILE:HG22	5	0.56
(11,1445)	1:69:A:MET:HE3	1:73:A:ILE:HG23	5	0.56
(11,1363)	1:105:A:LYS:HG2	1:106:A:ASP:HA	1	0.56
(11,1282)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	14	0.56
(11,1282)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	14	0.56
(11,1282)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	14	0.56
(11,1243)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	8	0.56
(11,1243)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	8	0.56
(11,1243)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	8	0.56
(11,1243)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	17	0.56
(11,1243)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	17	0.56
(11,1243)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	17	0.56
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD11	15	0.56
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD12	15	0.56
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD13	15	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,923)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	6	0.56
(11,923)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	6	0.56
(11,923)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	6	0.56
(11,923)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	8	0.56
(11,923)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	8	0.56
(11,923)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	8	0.56
(11,830)	1:110:A:MET:HG2	1:114:A:ILE:HD11	17	0.56
(11,830)	1:110:A:MET:HG2	1:114:A:ILE:HD12	17	0.56
(11,830)	1:110:A:MET:HG2	1:114:A:ILE:HD13	17	0.56
(11,830)	1:110:A:MET:HG3	1:114:A:ILE:HD11	17	0.56
(11,830)	1:110:A:MET:HG3	1:114:A:ILE:HD12	17	0.56
(11,830)	1:110:A:MET:HG3	1:114:A:ILE:HD13	17	0.56
(11,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	5	0.56
(11,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	5	0.56
(11,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	5	0.56
(11,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	5	0.56
(11,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	5	0.56
(11,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	5	0.56
(11,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	5	0.56
(11,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	5	0.56
(11,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	5	0.56
(11,698)	1:98:A:ILE:H	1:104:A:PHE:H	5	0.56
(11,643)	1:66:A:THR:H	1:69:A:MET:HA	8	0.56
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	13	0.56
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	13	0.56
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	13	0.56
(11,295)	1:120:A:CYS:HA	1:121:A:VAL:H	11	0.56
(11,231)	1:40:A:LEU:HD21	1:44:A:GLU:H	19	0.56
(11,231)	1:40:A:LEU:HD22	1:44:A:GLU:H	19	0.56
(11,231)	1:40:A:LEU:HD23	1:44:A:GLU:H	19	0.56
(11,116)	1:22:A:ASP:H	1:23:A:LEU:HB2	11	0.56
(11,116)	1:22:A:ASP:H	1:23:A:LEU:HB3	11	0.56
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD11	3	0.56
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD12	3	0.56
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD13	3	0.56
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD21	3	0.56
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD22	3	0.56
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD23	3	0.56
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	9	0.56
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	9	0.56
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	9	0.56
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	9	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	9	0.56
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	9	0.56
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	9	0.56
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	9	0.56
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	9	0.56
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	9	0.56
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	9	0.56
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	9	0.56
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	9	0.56
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	9	0.56
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	9	0.56
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	9	0.56
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	9	0.56
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	9	0.56
(9,2116)	1:42:A:GLU:H	1:139:A:LEU:HD11	17	0.56
(9,2116)	1:42:A:GLU:H	1:139:A:LEU:HD12	17	0.56
(9,2116)	1:42:A:GLU:H	1:139:A:LEU:HD13	17	0.56
(9,2116)	1:42:A:GLU:H	1:139:A:LEU:HD21	17	0.56
(9,2116)	1:42:A:GLU:H	1:139:A:LEU:HD22	17	0.56
(9,2116)	1:42:A:GLU:H	1:139:A:LEU:HD23	17	0.56
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD11	11	0.56
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD12	11	0.56
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD13	11	0.56
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD21	11	0.56
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD22	11	0.56
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD23	11	0.56
(9,2002)	1:17:A:ASN:HD21	1:79:A:THR:H	3	0.56
(9,2002)	1:17:A:ASN:HD22	1:79:A:THR:H	3	0.56
(9,1943)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	17	0.56
(9,1943)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	17	0.56
(9,1943)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	17	0.56
(9,1943)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	17	0.56
(9,1937)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	6	0.56
(9,1937)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	6	0.56
(9,1937)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	6	0.56
(9,1937)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	6	0.56
(9,1828)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	1	0.56
(9,1828)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	1	0.56
(9,1828)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	1	0.56
(9,1754)	1:141:A:LYS:HA	1:148:A:CYS:H	13	0.56
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE1	8	0.56
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE2	8	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE3	8	0.56
(9,1473)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	19	0.56
(9,1473)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	19	0.56
(9,1473)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	19	0.56
(9,1473)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	19	0.56
(9,1473)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	19	0.56
(9,1473)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	19	0.56
(9,1421)	1:69:A:MET:HE1	1:73:A:ILE:HG21	5	0.56
(9,1421)	1:69:A:MET:HE1	1:73:A:ILE:HG22	5	0.56
(9,1421)	1:69:A:MET:HE1	1:73:A:ILE:HG23	5	0.56
(9,1421)	1:69:A:MET:HE2	1:73:A:ILE:HG21	5	0.56
(9,1421)	1:69:A:MET:HE2	1:73:A:ILE:HG22	5	0.56
(9,1421)	1:69:A:MET:HE2	1:73:A:ILE:HG23	5	0.56
(9,1421)	1:69:A:MET:HE3	1:73:A:ILE:HG21	5	0.56
(9,1421)	1:69:A:MET:HE3	1:73:A:ILE:HG22	5	0.56
(9,1421)	1:69:A:MET:HE3	1:73:A:ILE:HG23	5	0.56
(9,1352)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	9	0.56
(9,1352)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	9	0.56
(9,1352)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	9	0.56
(9,1255)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	19	0.56
(9,1255)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	19	0.56
(9,1255)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	19	0.56
(9,991)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	12	0.56
(9,991)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	12	0.56
(9,942)	1:69:A:MET:HG2	1:109:A:PRO:HA	17	0.56
(9,918)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	6	0.56
(9,918)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	6	0.56
(9,918)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	6	0.56
(9,918)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	8	0.56
(9,918)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	8	0.56
(9,918)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	8	0.56
(9,862)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	4	0.56
(9,862)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	4	0.56
(9,862)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	4	0.56
(9,795)	1:11:A:ILE:HD11	1:47:A:ALA:HB1	6	0.56
(9,795)	1:11:A:ILE:HD11	1:47:A:ALA:HB2	6	0.56
(9,795)	1:11:A:ILE:HD11	1:47:A:ALA:HB3	6	0.56
(9,795)	1:11:A:ILE:HD12	1:47:A:ALA:HB1	6	0.56
(9,795)	1:11:A:ILE:HD12	1:47:A:ALA:HB2	6	0.56
(9,795)	1:11:A:ILE:HD12	1:47:A:ALA:HB3	6	0.56
(9,795)	1:11:A:ILE:HD13	1:47:A:ALA:HB1	6	0.56
(9,795)	1:11:A:ILE:HD13	1:47:A:ALA:HB2	6	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,795)	1:11:A:ILE:HD13	1:47:A:ALA:HB3	6	0.56
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	13	0.56
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	13	0.56
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	13	0.56
(9,306)	1:140:A:LEU:H	1:140:A:LEU:HD11	7	0.56
(9,306)	1:140:A:LEU:H	1:140:A:LEU:HD12	7	0.56
(9,306)	1:140:A:LEU:H	1:140:A:LEU:HD13	7	0.56
(9,300)	1:120:A:CYS:HA	1:121:A:VAL:H	11	0.56
(9,30)	1:96:A:VAL:H	1:97:A:ASP:H	18	0.56
(7,2251)	1:79:A:THR:HG21	1:81:A:GLU:HB2	2	0.56
(7,2251)	1:79:A:THR:HG21	1:81:A:GLU:HB3	2	0.56
(7,2251)	1:79:A:THR:HG22	1:81:A:GLU:HB2	2	0.56
(7,2251)	1:79:A:THR:HG22	1:81:A:GLU:HB3	2	0.56
(7,2251)	1:79:A:THR:HG23	1:81:A:GLU:HB2	2	0.56
(7,2251)	1:79:A:THR:HG23	1:81:A:GLU:HB3	2	0.56
(7,2227)	1:69:A:MET:HG2	1:70:A:LYS:HG2	9	0.56
(7,2227)	1:69:A:MET:HG3	1:70:A:LYS:HG2	9	0.56
(7,2197)	1:63:A:ILE:HG12	1:117:A:VAL:H	9	0.56
(7,2197)	1:63:A:ILE:HG13	1:117:A:VAL:H	9	0.56
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG11	4	0.56
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG12	4	0.56
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG13	4	0.56
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG21	4	0.56
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG22	4	0.56
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG23	4	0.56
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG11	4	0.56
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG12	4	0.56
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG13	4	0.56
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG21	4	0.56
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG22	4	0.56
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG23	4	0.56
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG11	4	0.56
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG12	4	0.56
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG13	4	0.56
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG21	4	0.56
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG22	4	0.56
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG23	4	0.56
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	6	0.56
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	6	0.56
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	6	0.56
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD21	6	0.56
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD22	6	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD23	6	0.56
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	6	0.56
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	6	0.56
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	6	0.56
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD21	6	0.56
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD22	6	0.56
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD23	6	0.56
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	6	0.56
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	6	0.56
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	6	0.56
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD21	6	0.56
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD22	6	0.56
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD23	6	0.56
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD11	9	0.56
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD12	9	0.56
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD13	9	0.56
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD21	9	0.56
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD22	9	0.56
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD23	9	0.56
(7,1909)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	10	0.56
(7,1909)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	10	0.56
(7,1909)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	10	0.56
(7,1909)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	10	0.56
(7,1909)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	10	0.56
(7,1909)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	10	0.56
(7,1909)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	10	0.56
(7,1909)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	10	0.56
(7,1909)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	10	0.56
(7,1909)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	10	0.56
(7,1909)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	10	0.56
(7,1909)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	10	0.56
(7,1906)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	6	0.56
(7,1906)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	6	0.56
(7,1906)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	6	0.56
(7,1906)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	6	0.56
(7,1805)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	14	0.56
(7,1805)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	14	0.56
(7,1805)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	14	0.56
(7,1729)	1:97:A:ASP:HA	1:105:A:LYS:HA	16	0.56
(7,1621)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	3	0.56
(7,1621)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	3	0.56
(7,1621)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	3	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1621)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	3	0.56
(7,1621)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	3	0.56
(7,1621)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	3	0.56
(7,1621)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	3	0.56
(7,1621)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	3	0.56
(7,1621)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	3	0.56
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG21	3	0.56
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG22	3	0.56
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG23	3	0.56
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	15	0.56
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	15	0.56
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	15	0.56
(7,1554)	1:101:A:ILE:HD11	1:112:A:GLN:HA	3	0.56
(7,1554)	1:101:A:ILE:HD12	1:112:A:GLN:HA	3	0.56
(7,1554)	1:101:A:ILE:HD13	1:112:A:GLN:HA	3	0.56
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD11	7	0.56
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD12	7	0.56
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD13	7	0.56
(7,1487)	1:43:A:MET:HE1	1:44:A:GLU:HA	1	0.56
(7,1487)	1:43:A:MET:HE2	1:44:A:GLU:HA	1	0.56
(7,1487)	1:43:A:MET:HE3	1:44:A:GLU:HA	1	0.56
(7,1487)	1:43:A:MET:HE1	1:44:A:GLU:HA	5	0.56
(7,1487)	1:43:A:MET:HE2	1:44:A:GLU:HA	5	0.56
(7,1487)	1:43:A:MET:HE3	1:44:A:GLU:HA	5	0.56
(7,1479)	1:114:A:ILE:HG21	1:117:A:VAL:HB	17	0.56
(7,1479)	1:114:A:ILE:HG22	1:117:A:VAL:HB	17	0.56
(7,1479)	1:114:A:ILE:HG23	1:117:A:VAL:HB	17	0.56
(7,1333)	1:141:A:LYS:HB2	1:149:A:ALA:HA	17	0.56
(7,1333)	1:141:A:LYS:HB3	1:149:A:ALA:HA	17	0.56
(7,1105)	1:40:A:LEU:HA	1:44:A:GLU:HB2	16	0.56
(7,1105)	1:40:A:LEU:HA	1:44:A:GLU:HB3	16	0.56
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	12	0.56
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	12	0.56
(7,977)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	12	0.56
(7,977)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	12	0.56
(7,802)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	5	0.56
(7,802)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	5	0.56
(7,802)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	5	0.56
(7,802)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	5	0.56
(7,802)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	5	0.56
(7,802)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	5	0.56
(7,802)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	5	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,802)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	5	0.56
(7,802)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	5	0.56
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	16	0.56
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	16	0.56
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	16	0.56
(7,693)	1:98:A:ILE:H	1:104:A:PHE:H	5	0.56
(7,642)	1:66:A:THR:H	1:69:A:MET:HA	8	0.56
(7,588)	1:70:A:LYS:HB2	1:75:A:GLY:H	19	0.56
(7,588)	1:70:A:LYS:HB3	1:75:A:GLY:H	19	0.56
(7,580)	1:50:A:ALA:HB1	1:126:A:GLY:H	16	0.56
(7,580)	1:50:A:ALA:HB2	1:126:A:GLY:H	16	0.56
(7,580)	1:50:A:ALA:HB3	1:126:A:GLY:H	16	0.56
(7,373)	1:40:A:LEU:HB2	1:41:A:LYS:H	3	0.56
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD11	3	0.56
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD12	3	0.56
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD13	3	0.56
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD21	3	0.56
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD22	3	0.56
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD23	3	0.56
(6,2362)	1:115:A:ALA:H	1:116:A:GLN:HE21	18	0.56
(6,2362)	1:115:A:ALA:H	1:116:A:GLN:HE22	18	0.56
(6,2350)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	4	0.56
(6,2350)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	4	0.56
(6,2350)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	4	0.56
(6,2350)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	4	0.56
(6,2350)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	4	0.56
(6,2350)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	4	0.56
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	9	0.56
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	9	0.56
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	9	0.56
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	9	0.56
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	9	0.56
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	9	0.56
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	9	0.56
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	9	0.56
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	9	0.56
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	9	0.56
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	9	0.56
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	9	0.56
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	9	0.56
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	9	0.56
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	9	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	9	0.56
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	9	0.56
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	9	0.56
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	1	0.56
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	1	0.56
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	1	0.56
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	1	0.56
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	1	0.56
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	1	0.56
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	12	0.56
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	12	0.56
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	12	0.56
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	12	0.56
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	12	0.56
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	12	0.56
(6,2135)	1:42:A:GLU:H	1:139:A:LEU:HD11	17	0.56
(6,2135)	1:42:A:GLU:H	1:139:A:LEU:HD12	17	0.56
(6,2135)	1:42:A:GLU:H	1:139:A:LEU:HD13	17	0.56
(6,2135)	1:42:A:GLU:H	1:139:A:LEU:HD21	17	0.56
(6,2135)	1:42:A:GLU:H	1:139:A:LEU:HD22	17	0.56
(6,2135)	1:42:A:GLU:H	1:139:A:LEU:HD23	17	0.56
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD11	7	0.56
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD12	7	0.56
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD13	7	0.56
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD21	7	0.56
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD22	7	0.56
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD23	7	0.56
(6,1862)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	17	0.56
(6,1840)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	14	0.56
(6,1840)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	14	0.56
(6,1840)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	14	0.56
(6,1618)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	8	0.56
(6,1618)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	8	0.56
(6,1618)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	8	0.56
(6,1618)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	8	0.56
(6,1618)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	8	0.56
(6,1618)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	8	0.56
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	2	0.56
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	2	0.56
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	2	0.56
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	2	0.56
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	2	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	2	0.56
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	2	0.56
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	2	0.56
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	2	0.56
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	7	0.56
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	7	0.56
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	7	0.56
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	7	0.56
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	7	0.56
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	7	0.56
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	7	0.56
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	7	0.56
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	7	0.56
(6,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE1	13	0.56
(6,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE2	13	0.56
(6,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE3	13	0.56
(6,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE1	13	0.56
(6,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE2	13	0.56
(6,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE3	13	0.56
(6,1473)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	19	0.56
(6,1473)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	19	0.56
(6,1473)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	19	0.56
(6,1473)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	19	0.56
(6,1473)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	19	0.56
(6,1473)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	19	0.56
(6,1218)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	8	0.56
(6,1218)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	8	0.56
(6,1218)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	8	0.56
(6,1218)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	17	0.56
(6,1218)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	17	0.56
(6,1218)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	17	0.56
(6,1111)	1:40:A:LEU:HA	1:44:A:GLU:HB2	16	0.56
(6,1111)	1:40:A:LEU:HA	1:44:A:GLU:HB3	16	0.56
(6,979)	1:31:A:PRO:HB2	1:144:A:LEU:HB3	17	0.56
(6,979)	1:31:A:PRO:HB3	1:144:A:LEU:HB3	17	0.56
(6,977)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	12	0.56
(6,977)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	12	0.56
(6,819)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	4	0.56
(6,819)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	4	0.56
(6,819)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	4	0.56
(6,819)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	4	0.56
(6,819)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	4	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,819)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	4	0.56
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	7	0.56
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	7	0.56
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	7	0.56
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	7	0.56
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	7	0.56
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	7	0.56
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	7	0.56
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	7	0.56
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	7	0.56
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	16	0.56
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	16	0.56
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	16	0.56
(6,637)	1:66:A:THR:H	1:69:A:MET:HA	8	0.56
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD21	13	0.56
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD22	13	0.56
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD23	13	0.56
(6,293)	1:140:A:LEU:H	1:140:A:LEU:HD11	7	0.56
(6,293)	1:140:A:LEU:H	1:140:A:LEU:HD12	7	0.56
(6,293)	1:140:A:LEU:H	1:140:A:LEU:HD13	7	0.56
(6,287)	1:120:A:CYS:HA	1:121:A:VAL:H	11	0.56
(6,131)	1:11:A:ILE:HG13	1:12:A:VAL:H	1	0.56
(6,115)	1:22:A:ASP:H	1:23:A:LEU:HB2	11	0.56
(6,115)	1:22:A:ASP:H	1:23:A:LEU:HB3	11	0.56
(5,2327)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	1	0.56
(5,2327)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	1	0.56
(5,2327)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	1	0.56
(5,2327)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	1	0.56
(5,2327)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	1	0.56
(5,2327)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	1	0.56
(5,2327)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	1	0.56
(5,2327)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	1	0.56
(5,2327)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	1	0.56
(5,2327)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	1	0.56
(5,2327)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	1	0.56
(5,2327)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	1	0.56
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD11	15	0.56
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD12	15	0.56
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD13	15	0.56
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD21	15	0.56
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD22	15	0.56
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD23	15	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD11	13	0.56
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD12	13	0.56
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD13	13	0.56
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD21	13	0.56
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD22	13	0.56
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD23	13	0.56
(5,1892)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	18	0.56
(5,1892)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	18	0.56
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	4	0.56
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	4	0.56
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	4	0.56
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	4	0.56
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	4	0.56
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	4	0.56
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	4	0.56
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	4	0.56
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	4	0.56
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	9	0.56
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	9	0.56
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	9	0.56
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	9	0.56
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	9	0.56
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	9	0.56
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	9	0.56
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	9	0.56
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	9	0.56
(5,1663)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	12	0.56
(5,1663)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	12	0.56
(5,1663)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	12	0.56
(5,1663)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	12	0.56
(5,1663)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	12	0.56
(5,1663)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	12	0.56
(5,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE1	13	0.56
(5,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE2	13	0.56
(5,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE3	13	0.56
(5,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE1	13	0.56
(5,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE2	13	0.56
(5,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE3	13	0.56
(5,1489)	1:67:A:PRO:HD3	1:95:A:ILE:HA	11	0.56
(5,1480)	1:14:A:VAL:HB	1:15:A:ALA:HB1	3	0.56
(5,1480)	1:14:A:VAL:HB	1:15:A:ALA:HB2	3	0.56
(5,1480)	1:14:A:VAL:HB	1:15:A:ALA:HB3	3	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1480)	1:14:A:VAL:HB	1:15:A:ALA:HB1	9	0.56
(5,1480)	1:14:A:VAL:HB	1:15:A:ALA:HB2	9	0.56
(5,1480)	1:14:A:VAL:HB	1:15:A:ALA:HB3	9	0.56
(5,1445)	1:69:A:MET:HE1	1:73:A:ILE:HG21	5	0.56
(5,1445)	1:69:A:MET:HE1	1:73:A:ILE:HG22	5	0.56
(5,1445)	1:69:A:MET:HE1	1:73:A:ILE:HG23	5	0.56
(5,1445)	1:69:A:MET:HE2	1:73:A:ILE:HG21	5	0.56
(5,1445)	1:69:A:MET:HE2	1:73:A:ILE:HG22	5	0.56
(5,1445)	1:69:A:MET:HE2	1:73:A:ILE:HG23	5	0.56
(5,1445)	1:69:A:MET:HE3	1:73:A:ILE:HG21	5	0.56
(5,1445)	1:69:A:MET:HE3	1:73:A:ILE:HG22	5	0.56
(5,1445)	1:69:A:MET:HE3	1:73:A:ILE:HG23	5	0.56
(5,1361)	1:105:A:LYS:HG2	1:106:A:ASP:HA	1	0.56
(5,993)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	12	0.56
(5,993)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	12	0.56
(5,917)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	6	0.56
(5,917)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	6	0.56
(5,917)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	6	0.56
(5,917)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	8	0.56
(5,917)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	8	0.56
(5,917)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	8	0.56
(5,811)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	5	0.56
(5,811)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	5	0.56
(5,811)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	5	0.56
(5,811)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	5	0.56
(5,811)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	5	0.56
(5,811)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	5	0.56
(5,811)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	5	0.56
(5,811)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	5	0.56
(5,811)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	5	0.56
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	18	0.56
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	18	0.56
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	18	0.56
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	18	0.56
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	18	0.56
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	18	0.56
(5,755)	1:32:A:GLY:HA2	1:34:A:LYS:H	14	0.56
(5,680)	1:133:A:ASN:H	1:134:A:VAL:HG21	19	0.56
(5,680)	1:133:A:ASN:H	1:134:A:VAL:HG22	19	0.56
(5,680)	1:133:A:ASN:H	1:134:A:VAL:HG23	19	0.56
(5,643)	1:66:A:THR:H	1:69:A:MET:HA	8	0.56
(5,620)	1:67:A:PRO:HD2	1:96:A:VAL:H	5	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,306)	1:40:A:LEU:HD11	1:43:A:MET:H	4	0.56
(5,306)	1:40:A:LEU:HD12	1:43:A:MET:H	4	0.56
(5,306)	1:40:A:LEU:HD13	1:43:A:MET:H	4	0.56
(5,288)	1:120:A:CYS:HA	1:121:A:VAL:H	11	0.56
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD21	7	0.56
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD22	7	0.56
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD23	7	0.56
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD21	7	0.56
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD22	7	0.56
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD23	7	0.56
(4,2222)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	17	0.56
(4,2222)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	17	0.56
(4,2222)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	17	0.56
(4,2222)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	17	0.56
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD11	6	0.56
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD12	6	0.56
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD13	6	0.56
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD21	6	0.56
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD22	6	0.56
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD23	6	0.56
(4,2102)	1:39:A:VAL:HG11	1:43:A:MET:HB2	4	0.56
(4,2102)	1:39:A:VAL:HG11	1:43:A:MET:HB3	4	0.56
(4,2102)	1:39:A:VAL:HG12	1:43:A:MET:HB2	4	0.56
(4,2102)	1:39:A:VAL:HG12	1:43:A:MET:HB3	4	0.56
(4,2102)	1:39:A:VAL:HG13	1:43:A:MET:HB2	4	0.56
(4,2102)	1:39:A:VAL:HG13	1:43:A:MET:HB3	4	0.56
(4,2102)	1:39:A:VAL:HG21	1:43:A:MET:HB2	4	0.56
(4,2102)	1:39:A:VAL:HG21	1:43:A:MET:HB3	4	0.56
(4,2102)	1:39:A:VAL:HG22	1:43:A:MET:HB2	4	0.56
(4,2102)	1:39:A:VAL:HG22	1:43:A:MET:HB3	4	0.56
(4,2102)	1:39:A:VAL:HG23	1:43:A:MET:HB2	4	0.56
(4,2102)	1:39:A:VAL:HG23	1:43:A:MET:HB3	4	0.56
(4,1979)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	4	0.56
(4,1979)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	4	0.56
(4,1979)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	4	0.56
(4,1979)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	4	0.56
(4,1979)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	4	0.56
(4,1979)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	4	0.56
(4,1979)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	4	0.56
(4,1979)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	4	0.56
(4,1979)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	4	0.56
(4,1979)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	4	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1979)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	4	0.56
(4,1979)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	4	0.56
(4,1946)	1:11:A:ILE:HG12	1:57:A:LEU:HD11	15	0.56
(4,1946)	1:11:A:ILE:HG12	1:57:A:LEU:HD12	15	0.56
(4,1946)	1:11:A:ILE:HG12	1:57:A:LEU:HD13	15	0.56
(4,1946)	1:11:A:ILE:HG12	1:57:A:LEU:HD21	15	0.56
(4,1946)	1:11:A:ILE:HG12	1:57:A:LEU:HD22	15	0.56
(4,1946)	1:11:A:ILE:HG12	1:57:A:LEU:HD23	15	0.56
(4,1946)	1:11:A:ILE:HG13	1:57:A:LEU:HD11	15	0.56
(4,1946)	1:11:A:ILE:HG13	1:57:A:LEU:HD12	15	0.56
(4,1946)	1:11:A:ILE:HG13	1:57:A:LEU:HD13	15	0.56
(4,1946)	1:11:A:ILE:HG13	1:57:A:LEU:HD21	15	0.56
(4,1946)	1:11:A:ILE:HG13	1:57:A:LEU:HD22	15	0.56
(4,1946)	1:11:A:ILE:HG13	1:57:A:LEU:HD23	15	0.56
(4,1845)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	10	0.56
(4,1845)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	10	0.56
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD11	3	0.56
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD12	3	0.56
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD13	3	0.56
(4,1655)	1:125:A:THR:HA	1:128:A:LEU:HA	7	0.56
(4,1491)	1:98:A:ILE:HG21	1:101:A:ILE:HB	19	0.56
(4,1491)	1:98:A:ILE:HG22	1:101:A:ILE:HB	19	0.56
(4,1491)	1:98:A:ILE:HG23	1:101:A:ILE:HB	19	0.56
(4,1478)	1:114:A:ILE:HG21	1:117:A:VAL:HB	17	0.56
(4,1478)	1:114:A:ILE:HG22	1:117:A:VAL:HB	17	0.56
(4,1478)	1:114:A:ILE:HG23	1:117:A:VAL:HB	17	0.56
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	1	0.56
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	1	0.56
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	1	0.56
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	1	0.56
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	1	0.56
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	1	0.56
(4,1256)	1:15:A:ALA:HA	1:131:A:LEU:HG	8	0.56
(4,1203)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	8	0.56
(4,1203)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	8	0.56
(4,1203)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	8	0.56
(4,1203)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	17	0.56
(4,1203)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	17	0.56
(4,1203)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	17	0.56
(4,1110)	1:40:A:LEU:HA	1:44:A:GLU:HB2	16	0.56
(4,1110)	1:40:A:LEU:HA	1:44:A:GLU:HB3	16	0.56
(4,1095)	1:116:A:GLN:HA	1:116:A:GLN:HG3	17	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1064)	1:45:A:ALA:HA	1:48:A:ARG:HG2	7	0.56
(4,1064)	1:45:A:ALA:HA	1:48:A:ARG:HG3	7	0.56
(4,933)	1:69:A:MET:HG2	1:109:A:PRO:HA	17	0.56
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	16	0.56
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	16	0.56
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	16	0.56
(4,632)	1:66:A:THR:H	1:69:A:MET:HA	8	0.56
(4,565)	1:11:A:ILE:HD11	1:16:A:SER:H	17	0.56
(4,565)	1:11:A:ILE:HD12	1:16:A:SER:H	17	0.56
(4,565)	1:11:A:ILE:HD13	1:16:A:SER:H	17	0.56
(4,546)	1:124:A:THR:H	1:128:A:LEU:HD21	4	0.56
(4,546)	1:124:A:THR:H	1:128:A:LEU:HD22	4	0.56
(4,546)	1:124:A:THR:H	1:128:A:LEU:HD23	4	0.56
(4,288)	1:120:A:CYS:HA	1:121:A:VAL:H	11	0.56
(4,153)	1:50:A:ALA:HB1	1:127:A:CYS:H	7	0.56
(4,153)	1:50:A:ALA:HB2	1:127:A:CYS:H	7	0.56
(4,153)	1:50:A:ALA:HB3	1:127:A:CYS:H	7	0.56
(4,153)	1:50:A:ALA:HB1	1:127:A:CYS:H	10	0.56
(4,153)	1:50:A:ALA:HB2	1:127:A:CYS:H	10	0.56
(4,153)	1:50:A:ALA:HB3	1:127:A:CYS:H	10	0.56
(4,153)	1:50:A:ALA:HB1	1:127:A:CYS:H	18	0.56
(4,153)	1:50:A:ALA:HB2	1:127:A:CYS:H	18	0.56
(4,153)	1:50:A:ALA:HB3	1:127:A:CYS:H	18	0.56
(4,31)	1:96:A:VAL:H	1:97:A:ASP:H	18	0.56
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	13	0.56
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	13	0.56
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	13	0.56
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	13	0.56
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	13	0.56
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	13	0.56
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	13	0.56
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	13	0.56
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	13	0.56
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	13	0.56
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	13	0.56
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	13	0.56
(3,2318)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	12	0.56
(3,2318)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	12	0.56
(3,2318)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	12	0.56
(3,2318)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	12	0.56
(3,2318)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	12	0.56
(3,2318)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	12	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2318)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	12	0.56
(3,2318)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	12	0.56
(3,2318)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	12	0.56
(3,2318)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	12	0.56
(3,2318)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	12	0.56
(3,2318)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	12	0.56
(3,2318)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	12	0.56
(3,2318)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	12	0.56
(3,2318)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	12	0.56
(3,2318)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	12	0.56
(3,2318)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	12	0.56
(3,2318)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	12	0.56
(3,2233)	1:60:A:LEU:HD11	1:123:A:CYS:H	1	0.56
(3,2233)	1:60:A:LEU:HD12	1:123:A:CYS:H	1	0.56
(3,2233)	1:60:A:LEU:HD13	1:123:A:CYS:H	1	0.56
(3,2233)	1:60:A:LEU:HD21	1:123:A:CYS:H	1	0.56
(3,2233)	1:60:A:LEU:HD22	1:123:A:CYS:H	1	0.56
(3,2233)	1:60:A:LEU:HD23	1:123:A:CYS:H	1	0.56
(3,2230)	1:60:A:LEU:HD11	1:120:A:CYS:HA	6	0.56
(3,2230)	1:60:A:LEU:HD12	1:120:A:CYS:HA	6	0.56
(3,2230)	1:60:A:LEU:HD13	1:120:A:CYS:HA	6	0.56
(3,2230)	1:60:A:LEU:HD21	1:120:A:CYS:HA	6	0.56
(3,2230)	1:60:A:LEU:HD22	1:120:A:CYS:HA	6	0.56
(3,2230)	1:60:A:LEU:HD23	1:120:A:CYS:HA	6	0.56
(3,1976)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	17	0.56
(3,1976)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	17	0.56
(3,1976)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	17	0.56
(3,1976)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	17	0.56
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD21	17	0.56
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD22	17	0.56
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD23	17	0.56
(3,1758)	1:19:A:ALA:HB1	1:21:A:THR:HG21	5	0.56
(3,1758)	1:19:A:ALA:HB1	1:21:A:THR:HG22	5	0.56
(3,1758)	1:19:A:ALA:HB1	1:21:A:THR:HG23	5	0.56
(3,1758)	1:19:A:ALA:HB2	1:21:A:THR:HG21	5	0.56
(3,1758)	1:19:A:ALA:HB2	1:21:A:THR:HG22	5	0.56
(3,1758)	1:19:A:ALA:HB2	1:21:A:THR:HG23	5	0.56
(3,1758)	1:19:A:ALA:HB3	1:21:A:THR:HG21	5	0.56
(3,1758)	1:19:A:ALA:HB3	1:21:A:THR:HG22	5	0.56
(3,1758)	1:19:A:ALA:HB3	1:21:A:THR:HG23	5	0.56
(3,1610)	1:63:A:ILE:HD11	1:113:A:PHE:HA	11	0.56
(3,1610)	1:63:A:ILE:HD12	1:113:A:PHE:HA	11	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1610)	1:63:A:ILE:HD13	1:113:A:PHE:HA	11	0.56
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD11	4	0.56
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD12	4	0.56
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD13	4	0.56
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	12	0.56
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	12	0.56
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	12	0.56
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	12	0.56
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	12	0.56
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	12	0.56
(3,1580)	1:40:A:LEU:HD11	1:43:A:MET:H	5	0.56
(3,1580)	1:40:A:LEU:HD12	1:43:A:MET:H	5	0.56
(3,1580)	1:40:A:LEU:HD13	1:43:A:MET:H	5	0.56
(3,1505)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	19	0.56
(3,1505)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	19	0.56
(3,1505)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	19	0.56
(3,1505)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	19	0.56
(3,1505)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	19	0.56
(3,1505)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	19	0.56
(3,1483)	1:13:A:ALA:HB1	1:61:A:SER:HA	15	0.56
(3,1483)	1:13:A:ALA:HB2	1:61:A:SER:HA	15	0.56
(3,1483)	1:13:A:ALA:HB3	1:61:A:SER:HA	15	0.56
(3,1481)	1:13:A:ALA:HB1	1:78:A:HIS:HA	9	0.56
(3,1481)	1:13:A:ALA:HB2	1:78:A:HIS:HA	9	0.56
(3,1481)	1:13:A:ALA:HB3	1:78:A:HIS:HA	9	0.56
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD21	3	0.56
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD22	3	0.56
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD23	3	0.56
(3,1132)	1:41:A:LYS:HA	1:44:A:GLU:HG2	11	0.56
(3,1104)	1:48:A:ARG:HG2	1:49:A:LYS:HA	10	0.56
(3,1104)	1:48:A:ARG:HG3	1:49:A:LYS:HA	10	0.56
(3,1003)	1:105:A:LYS:HD2	1:107:A:LEU:H	2	0.56
(3,1003)	1:105:A:LYS:HD3	1:107:A:LEU:H	2	0.56
(3,848)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	13	0.56
(3,848)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	13	0.56
(3,848)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	13	0.56
(3,848)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	13	0.56
(3,848)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	13	0.56
(3,848)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	13	0.56
(3,778)	1:101:A:ILE:HD11	1:118:A:ASP:HB3	15	0.56
(3,778)	1:101:A:ILE:HD12	1:118:A:ASP:HB3	15	0.56
(3,778)	1:101:A:ILE:HD13	1:118:A:ASP:HB3	15	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,715)	1:23:A:LEU:HD21	1:27:A:ARG:HE	11	0.56
(3,715)	1:23:A:LEU:HD22	1:27:A:ARG:HE	11	0.56
(3,715)	1:23:A:LEU:HD23	1:27:A:ARG:HE	11	0.56
(3,627)	1:34:A:LYS:HG2	1:35:A:LEU:H	2	0.56
(3,627)	1:34:A:LYS:HG3	1:35:A:LEU:H	2	0.56
(3,585)	1:50:A:ALA:HB1	1:126:A:GLY:H	16	0.56
(3,585)	1:50:A:ALA:HB2	1:126:A:GLY:H	16	0.56
(3,585)	1:50:A:ALA:HB3	1:126:A:GLY:H	16	0.56
(3,425)	1:100:A:ALA:H	1:119:A:LEU:HB3	12	0.56
(3,350)	1:73:A:ILE:HD11	1:111:A:GLU:H	5	0.56
(3,350)	1:73:A:ILE:HD12	1:111:A:GLU:H	5	0.56
(3,350)	1:73:A:ILE:HD13	1:111:A:GLU:H	5	0.56
(3,294)	1:120:A:CYS:HA	1:121:A:VAL:H	11	0.56
(2,2190)	1:47:A:ALA:H	1:134:A:VAL:HG11	12	0.56
(2,2190)	1:47:A:ALA:H	1:134:A:VAL:HG12	12	0.56
(2,2190)	1:47:A:ALA:H	1:134:A:VAL:HG13	12	0.56
(2,2190)	1:47:A:ALA:H	1:134:A:VAL:HG21	12	0.56
(2,2190)	1:47:A:ALA:H	1:134:A:VAL:HG22	12	0.56
(2,2190)	1:47:A:ALA:H	1:134:A:VAL:HG23	12	0.56
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD11	11	0.56
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD12	11	0.56
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD13	11	0.56
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD21	11	0.56
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD22	11	0.56
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD23	11	0.56
(2,2134)	1:39:A:VAL:HG11	1:144:A:LEU:H	15	0.56
(2,2134)	1:39:A:VAL:HG12	1:144:A:LEU:H	15	0.56
(2,2134)	1:39:A:VAL:HG13	1:144:A:LEU:H	15	0.56
(2,2134)	1:39:A:VAL:HG21	1:144:A:LEU:H	15	0.56
(2,2134)	1:39:A:VAL:HG22	1:144:A:LEU:H	15	0.56
(2,2134)	1:39:A:VAL:HG23	1:144:A:LEU:H	15	0.56
(2,2031)	1:16:A:SER:H	1:131:A:LEU:HD11	18	0.56
(2,2031)	1:16:A:SER:H	1:131:A:LEU:HD12	18	0.56
(2,2031)	1:16:A:SER:H	1:131:A:LEU:HD13	18	0.56
(2,2031)	1:16:A:SER:H	1:131:A:LEU:HD21	18	0.56
(2,2031)	1:16:A:SER:H	1:131:A:LEU:HD22	18	0.56
(2,2031)	1:16:A:SER:H	1:131:A:LEU:HD23	18	0.56
(2,1891)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	10	0.56
(2,1891)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	10	0.56
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	15	0.56
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	15	0.56
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	15	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	15	0.56
(2,1812)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	4	0.56
(2,1812)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	4	0.56
(2,1812)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	4	0.56
(2,1812)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	4	0.56
(2,1674)	1:69:A:MET:HE1	1:117:A:VAL:HG21	15	0.56
(2,1674)	1:69:A:MET:HE1	1:117:A:VAL:HG22	15	0.56
(2,1674)	1:69:A:MET:HE1	1:117:A:VAL:HG23	15	0.56
(2,1674)	1:69:A:MET:HE2	1:117:A:VAL:HG21	15	0.56
(2,1674)	1:69:A:MET:HE2	1:117:A:VAL:HG22	15	0.56
(2,1674)	1:69:A:MET:HE2	1:117:A:VAL:HG23	15	0.56
(2,1674)	1:69:A:MET:HE3	1:117:A:VAL:HG21	15	0.56
(2,1674)	1:69:A:MET:HE3	1:117:A:VAL:HG22	15	0.56
(2,1674)	1:69:A:MET:HE3	1:117:A:VAL:HG23	15	0.56
(2,1535)	1:76:A:ARG:HG2	1:110:A:MET:HE1	13	0.56
(2,1535)	1:76:A:ARG:HG2	1:110:A:MET:HE2	13	0.56
(2,1535)	1:76:A:ARG:HG2	1:110:A:MET:HE3	13	0.56
(2,1535)	1:76:A:ARG:HG3	1:110:A:MET:HE1	13	0.56
(2,1535)	1:76:A:ARG:HG3	1:110:A:MET:HE2	13	0.56
(2,1535)	1:76:A:ARG:HG3	1:110:A:MET:HE3	13	0.56
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE1	10	0.56
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE2	10	0.56
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE3	10	0.56
(2,1500)	1:114:A:ILE:HG21	1:117:A:VAL:HB	17	0.56
(2,1500)	1:114:A:ILE:HG22	1:117:A:VAL:HB	17	0.56
(2,1500)	1:114:A:ILE:HG23	1:117:A:VAL:HB	17	0.56
(2,1433)	1:69:A:MET:HE1	1:73:A:ILE:HG21	5	0.56
(2,1433)	1:69:A:MET:HE1	1:73:A:ILE:HG22	5	0.56
(2,1433)	1:69:A:MET:HE1	1:73:A:ILE:HG23	5	0.56
(2,1433)	1:69:A:MET:HE2	1:73:A:ILE:HG21	5	0.56
(2,1433)	1:69:A:MET:HE2	1:73:A:ILE:HG22	5	0.56
(2,1433)	1:69:A:MET:HE2	1:73:A:ILE:HG23	5	0.56
(2,1433)	1:69:A:MET:HE3	1:73:A:ILE:HG21	5	0.56
(2,1433)	1:69:A:MET:HE3	1:73:A:ILE:HG22	5	0.56
(2,1433)	1:69:A:MET:HE3	1:73:A:ILE:HG23	5	0.56
(2,1401)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	5	0.56
(2,1401)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	5	0.56
(2,1401)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	5	0.56
(2,1219)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	8	0.56
(2,1219)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	8	0.56
(2,1219)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	8	0.56
(2,1219)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	17	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1219)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	17	0.56
(2,1219)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	17	0.56
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD21	8	0.56
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD22	8	0.56
(2,1126)	1:43:A:MET:HE1	1:144:A:LEU:HD23	8	0.56
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD21	8	0.56
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD22	8	0.56
(2,1126)	1:43:A:MET:HE2	1:144:A:LEU:HD23	8	0.56
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD21	8	0.56
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD22	8	0.56
(2,1126)	1:43:A:MET:HE3	1:144:A:LEU:HD23	8	0.56
(2,1036)	1:11:A:ILE:HA	1:14:A:VAL:HB	8	0.56
(2,834)	1:103:A:ARG:HA	1:103:A:ARG:HD2	1	0.56
(2,834)	1:103:A:ARG:HA	1:103:A:ARG:HD3	1	0.56
(2,830)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	16	0.56
(2,830)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	16	0.56
(2,830)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	16	0.56
(2,830)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	16	0.56
(2,830)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	16	0.56
(2,830)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	16	0.56
(2,830)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	16	0.56
(2,830)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	16	0.56
(2,830)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	16	0.56
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	16	0.56
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	16	0.56
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	16	0.56
(2,642)	1:66:A:THR:H	1:69:A:MET:HA	8	0.56
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD21	13	0.56
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD22	13	0.56
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD23	13	0.56
(2,554)	1:124:A:THR:H	1:128:A:LEU:HD21	4	0.56
(2,554)	1:124:A:THR:H	1:128:A:LEU:HD22	4	0.56
(2,554)	1:124:A:THR:H	1:128:A:LEU:HD23	4	0.56
(2,391)	1:105:A:LYS:HD2	1:106:A:ASP:H	16	0.56
(2,391)	1:105:A:LYS:HD3	1:106:A:ASP:H	16	0.56
(2,291)	1:120:A:CYS:HA	1:121:A:VAL:H	11	0.56
(2,117)	1:10:A:ASN:HD22	1:80:A:TYR:H	6	0.56
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	4	0.56
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	4	0.56
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	4	0.56
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	4	0.56
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	4	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	4	0.56
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	4	0.56
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	4	0.56
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	4	0.56
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	4	0.56
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	4	0.56
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	4	0.56
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	13	0.56
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	13	0.56
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	13	0.56
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	13	0.56
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	13	0.56
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	13	0.56
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	13	0.56
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	13	0.56
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	13	0.56
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	13	0.56
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	13	0.56
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	13	0.56
(1,2219)	1:69:A:MET:HG2	1:70:A:LYS:HG2	9	0.56
(1,2219)	1:69:A:MET:HG3	1:70:A:LYS:HG2	9	0.56
(1,2124)	1:40:A:LEU:HD11	1:43:A:MET:HG3	5	0.56
(1,2124)	1:40:A:LEU:HD12	1:43:A:MET:HG3	5	0.56
(1,2124)	1:40:A:LEU:HD13	1:43:A:MET:HG3	5	0.56
(1,2124)	1:40:A:LEU:HD21	1:43:A:MET:HG3	5	0.56
(1,2124)	1:40:A:LEU:HD22	1:43:A:MET:HG3	5	0.56
(1,2124)	1:40:A:LEU:HD23	1:43:A:MET:HG3	5	0.56
(1,1928)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	19	0.56
(1,1928)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	19	0.56
(1,1928)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	19	0.56
(1,1928)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	19	0.56
(1,1928)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	19	0.56
(1,1928)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	19	0.56
(1,1880)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	18	0.56
(1,1880)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	18	0.56
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	10	0.56
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	10	0.56
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	10	0.56
(1,1795)	1:13:A:ALA:H	1:80:A:TYR:HD1	12	0.56
(1,1795)	1:13:A:ALA:H	1:80:A:TYR:HD2	12	0.56
(1,1779)	1:97:A:ASP:HA	1:105:A:LYS:HA	16	0.56
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	4	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	4	0.56
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	4	0.56
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	4	0.56
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	4	0.56
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	4	0.56
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	4	0.56
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	4	0.56
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	4	0.56
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	9	0.56
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	9	0.56
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	9	0.56
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	9	0.56
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	9	0.56
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	9	0.56
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	9	0.56
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	9	0.56
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	9	0.56
(1,1591)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	9	0.56
(1,1591)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	9	0.56
(1,1591)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	9	0.56
(1,1515)	1:40:A:LEU:HA	1:43:A:MET:HE1	15	0.56
(1,1515)	1:40:A:LEU:HA	1:43:A:MET:HE2	15	0.56
(1,1515)	1:40:A:LEU:HA	1:43:A:MET:HE3	15	0.56
(1,1507)	1:114:A:ILE:HG21	1:117:A:VAL:HB	17	0.56
(1,1507)	1:114:A:ILE:HG22	1:117:A:VAL:HB	17	0.56
(1,1507)	1:114:A:ILE:HG23	1:117:A:VAL:HB	17	0.56
(1,1487)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	19	0.56
(1,1487)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	19	0.56
(1,1487)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	19	0.56
(1,1487)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	19	0.56
(1,1487)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	19	0.56
(1,1487)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	19	0.56
(1,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	9	0.56
(1,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	9	0.56
(1,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	9	0.56
(1,1219)	1:11:A:ILE:HD11	1:131:A:LEU:HA	12	0.56
(1,1219)	1:11:A:ILE:HD12	1:131:A:LEU:HA	12	0.56
(1,1219)	1:11:A:ILE:HD13	1:131:A:LEU:HA	12	0.56
(1,940)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	12	0.56
(1,940)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	12	0.56
(1,940)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	12	0.56
(1,939)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	5	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,939)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	5	0.56
(1,939)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	5	0.56
(1,913)	1:66:A:THR:HG21	1:95:A:ILE:HB	6	0.56
(1,913)	1:66:A:THR:HG22	1:95:A:ILE:HB	6	0.56
(1,913)	1:66:A:THR:HG23	1:95:A:ILE:HB	6	0.56
(1,857)	1:48:A:ARG:HD2	1:49:A:LYS:H	12	0.56
(1,857)	1:48:A:ARG:HD3	1:49:A:LYS:H	12	0.56
(1,832)	1:98:A:ILE:HD11	1:101:A:ILE:HB	13	0.56
(1,832)	1:98:A:ILE:HD12	1:101:A:ILE:HB	13	0.56
(1,832)	1:98:A:ILE:HD13	1:101:A:ILE:HB	13	0.56
(1,803)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	13	0.56
(1,803)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	13	0.56
(1,803)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	13	0.56
(1,803)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	13	0.56
(1,803)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	13	0.56
(1,803)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	13	0.56
(1,650)	1:66:A:THR:H	1:69:A:MET:HA	8	0.56
(1,294)	1:120:A:CYS:HA	1:121:A:VAL:H	11	0.56
(34,2415)	1:127:A:CYS:H	1:129:A:LYS:HG2	19	0.55
(34,2415)	1:127:A:CYS:H	1:129:A:LYS:HG3	19	0.55
(34,2340)	1:107:A:LEU:HD11	1:115:A:ALA:H	16	0.55
(34,2340)	1:107:A:LEU:HD12	1:115:A:ALA:H	16	0.55
(34,2340)	1:107:A:LEU:HD13	1:115:A:ALA:H	16	0.55
(34,2340)	1:107:A:LEU:HD21	1:115:A:ALA:H	16	0.55
(34,2340)	1:107:A:LEU:HD22	1:115:A:ALA:H	16	0.55
(34,2340)	1:107:A:LEU:HD23	1:115:A:ALA:H	16	0.55
(34,2264)	1:74:A:PRO:HA	1:77:A:CYS:HB2	6	0.55
(34,2264)	1:74:A:PRO:HA	1:77:A:CYS:HB3	6	0.55
(34,2264)	1:74:A:PRO:HA	1:77:A:CYS:HB2	9	0.55
(34,2264)	1:74:A:PRO:HA	1:77:A:CYS:HB3	9	0.55
(34,2142)	1:40:A:LEU:HD11	1:45:A:ALA:H	16	0.55
(34,2142)	1:40:A:LEU:HD12	1:45:A:ALA:H	16	0.55
(34,2142)	1:40:A:LEU:HD13	1:45:A:ALA:H	16	0.55
(34,2142)	1:40:A:LEU:HD21	1:45:A:ALA:H	16	0.55
(34,2142)	1:40:A:LEU:HD22	1:45:A:ALA:H	16	0.55
(34,2142)	1:40:A:LEU:HD23	1:45:A:ALA:H	16	0.55
(34,2112)	1:39:A:VAL:HB	1:140:A:LEU:HD11	13	0.55
(34,2112)	1:39:A:VAL:HB	1:140:A:LEU:HD12	13	0.55
(34,2112)	1:39:A:VAL:HB	1:140:A:LEU:HD13	13	0.55
(34,2112)	1:39:A:VAL:HB	1:140:A:LEU:HD21	13	0.55
(34,2112)	1:39:A:VAL:HB	1:140:A:LEU:HD22	13	0.55
(34,2112)	1:39:A:VAL:HB	1:140:A:LEU:HD23	13	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2047)	1:23:A:LEU:HD11	1:24:A:ASP:H	16	0.55
(34,2047)	1:23:A:LEU:HD12	1:24:A:ASP:H	16	0.55
(34,2047)	1:23:A:LEU:HD13	1:24:A:ASP:H	16	0.55
(34,2047)	1:23:A:LEU:HD21	1:24:A:ASP:H	16	0.55
(34,2047)	1:23:A:LEU:HD22	1:24:A:ASP:H	16	0.55
(34,2047)	1:23:A:LEU:HD23	1:24:A:ASP:H	16	0.55
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	11	0.55
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	11	0.55
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	11	0.55
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	11	0.55
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	11	0.55
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	11	0.55
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	11	0.55
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	11	0.55
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	11	0.55
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	11	0.55
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	11	0.55
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	11	0.55
(34,1904)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	13	0.55
(34,1904)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	13	0.55
(34,1904)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	13	0.55
(34,1904)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	13	0.55
(34,1904)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	13	0.55
(34,1904)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	13	0.55
(34,1865)	1:9:A:PHE:HZ	1:11:A:ILE:HA	16	0.55
(34,1837)	1:9:A:PHE:HZ	1:54:A:ARG:HA	14	0.55
(34,1735)	1:19:A:ALA:HB1	1:21:A:THR:HG21	5	0.55
(34,1735)	1:19:A:ALA:HB1	1:21:A:THR:HG22	5	0.55
(34,1735)	1:19:A:ALA:HB1	1:21:A:THR:HG23	5	0.55
(34,1735)	1:19:A:ALA:HB2	1:21:A:THR:HG21	5	0.55
(34,1735)	1:19:A:ALA:HB2	1:21:A:THR:HG22	5	0.55
(34,1735)	1:19:A:ALA:HB2	1:21:A:THR:HG23	5	0.55
(34,1735)	1:19:A:ALA:HB3	1:21:A:THR:HG21	5	0.55
(34,1735)	1:19:A:ALA:HB3	1:21:A:THR:HG22	5	0.55
(34,1735)	1:19:A:ALA:HB3	1:21:A:THR:HG23	5	0.55
(34,1715)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	17	0.55
(34,1715)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	17	0.55
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD21	17	0.55
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD22	17	0.55
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD23	17	0.55
(34,1484)	1:67:A:PRO:HD3	1:95:A:ILE:HA	16	0.55
(34,1294)	1:11:A:ILE:HG21	1:15:A:ALA:HA	14	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1294)	1:11:A:ILE:HG22	1:15:A:ALA:HA	14	0.55
(34,1294)	1:11:A:ILE:HG23	1:15:A:ALA:HA	14	0.55
(34,1265)	1:21:A:THR:HG21	1:23:A:LEU:HA	5	0.55
(34,1265)	1:21:A:THR:HG22	1:23:A:LEU:HA	5	0.55
(34,1265)	1:21:A:THR:HG23	1:23:A:LEU:HA	5	0.55
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD11	15	0.55
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD12	15	0.55
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD13	15	0.55
(34,1238)	1:69:A:MET:HE1	1:110:A:MET:HA	17	0.55
(34,1238)	1:69:A:MET:HE2	1:110:A:MET:HA	17	0.55
(34,1238)	1:69:A:MET:HE3	1:110:A:MET:HA	17	0.55
(34,1088)	1:13:A:ALA:HB1	1:79:A:THR:HA	19	0.55
(34,1088)	1:13:A:ALA:HB2	1:79:A:THR:HA	19	0.55
(34,1088)	1:13:A:ALA:HB3	1:79:A:THR:HA	19	0.55
(34,1085)	1:43:A:MET:HB2	1:140:A:LEU:HG	13	0.55
(34,1016)	1:12:A:VAL:HB	1:43:A:MET:HE1	14	0.55
(34,1016)	1:12:A:VAL:HB	1:43:A:MET:HE2	14	0.55
(34,1016)	1:12:A:VAL:HB	1:43:A:MET:HE3	14	0.55
(34,988)	1:138:A:ASP:HA	1:141:A:LYS:HB2	7	0.55
(34,988)	1:138:A:ASP:HA	1:141:A:LYS:HB3	7	0.55
(34,846)	1:48:A:ARG:HA	1:48:A:ARG:HD2	17	0.55
(34,846)	1:48:A:ARG:HA	1:48:A:ARG:HD3	17	0.55
(34,826)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	19	0.55
(34,826)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	19	0.55
(34,826)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	19	0.55
(34,795)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	13	0.55
(34,795)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	13	0.55
(34,795)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	13	0.55
(34,795)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	13	0.55
(34,795)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	13	0.55
(34,795)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	13	0.55
(34,705)	1:98:A:ILE:H	1:104:A:PHE:H	16	0.55
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD21	9	0.55
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD22	9	0.55
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD23	9	0.55
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD21	19	0.55
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD22	19	0.55
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD23	19	0.55
(34,552)	1:60:A:LEU:HD21	1:61:A:SER:H	1	0.55
(34,552)	1:60:A:LEU:HD22	1:61:A:SER:H	1	0.55
(34,552)	1:60:A:LEU:HD23	1:61:A:SER:H	1	0.55
(34,509)	1:105:A:LYS:H	1:105:A:LYS:HD2	6	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,509)	1:105:A:LYS:H	1:105:A:LYS:HD3	6	0.55
(34,509)	1:105:A:LYS:H	1:105:A:LYS:HD2	9	0.55
(34,509)	1:105:A:LYS:H	1:105:A:LYS:HD3	9	0.55
(34,16)	1:64:A:LYS:H	1:64:A:LYS:HD2	11	0.55
(34,16)	1:64:A:LYS:H	1:64:A:LYS:HD3	11	0.55
(33,2264)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	3	0.55
(33,2264)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	3	0.55
(33,2264)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	3	0.55
(33,2264)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	3	0.55
(33,2040)	1:23:A:LEU:HD11	1:26:A:ASP:HA	10	0.55
(33,2040)	1:23:A:LEU:HD12	1:26:A:ASP:HA	10	0.55
(33,2040)	1:23:A:LEU:HD13	1:26:A:ASP:HA	10	0.55
(33,2040)	1:23:A:LEU:HD21	1:26:A:ASP:HA	10	0.55
(33,2040)	1:23:A:LEU:HD22	1:26:A:ASP:HA	10	0.55
(33,2040)	1:23:A:LEU:HD23	1:26:A:ASP:HA	10	0.55
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE1	11	0.55
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE2	11	0.55
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE3	11	0.55
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE1	11	0.55
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE2	11	0.55
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE3	11	0.55
(33,2007)	1:16:A:SER:H	1:131:A:LEU:HD11	8	0.55
(33,2007)	1:16:A:SER:H	1:131:A:LEU:HD12	8	0.55
(33,2007)	1:16:A:SER:H	1:131:A:LEU:HD13	8	0.55
(33,2007)	1:16:A:SER:H	1:131:A:LEU:HD21	8	0.55
(33,2007)	1:16:A:SER:H	1:131:A:LEU:HD22	8	0.55
(33,2007)	1:16:A:SER:H	1:131:A:LEU:HD23	8	0.55
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG11	10	0.55
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG12	10	0.55
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG13	10	0.55
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG21	10	0.55
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG22	10	0.55
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG23	10	0.55
(33,1938)	1:10:A:ASN:HB2	1:61:A:SER:HB2	15	0.55
(33,1938)	1:10:A:ASN:HB2	1:61:A:SER:HB3	15	0.55
(33,1938)	1:10:A:ASN:HB3	1:61:A:SER:HB2	15	0.55
(33,1938)	1:10:A:ASN:HB3	1:61:A:SER:HB3	15	0.55
(33,1847)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	19	0.55
(33,1847)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	19	0.55
(33,1847)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	19	0.55
(33,1847)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	19	0.55
(33,1841)	1:13:A:ALA:HA	1:80:A:TYR:HE1	17	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1841)	1:13:A:ALA:HA	1:80:A:TYR:HE2	17	0.55
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD21	8	0.55
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD22	8	0.55
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD23	8	0.55
(33,1508)	1:69:A:MET:HE1	1:114:A:ILE:H	5	0.55
(33,1508)	1:69:A:MET:HE2	1:114:A:ILE:H	5	0.55
(33,1508)	1:69:A:MET:HE3	1:114:A:ILE:H	5	0.55
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE1	13	0.55
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE2	13	0.55
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE3	13	0.55
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG11	6	0.55
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG12	6	0.55
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG13	6	0.55
(33,1242)	1:21:A:THR:HG21	1:23:A:LEU:HA	5	0.55
(33,1242)	1:21:A:THR:HG22	1:23:A:LEU:HA	5	0.55
(33,1242)	1:21:A:THR:HG23	1:23:A:LEU:HA	5	0.55
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD11	15	0.55
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD12	15	0.55
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD13	15	0.55
(33,1058)	1:13:A:ALA:HB1	1:79:A:THR:HA	19	0.55
(33,1058)	1:13:A:ALA:HB2	1:79:A:THR:HA	19	0.55
(33,1058)	1:13:A:ALA:HB3	1:79:A:THR:HA	19	0.55
(33,640)	1:66:A:THR:H	1:70:A:LYS:H	14	0.55
(33,13)	1:64:A:LYS:H	1:116:A:GLN:HG3	14	0.55
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD11	5	0.55
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD12	5	0.55
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD13	5	0.55
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD21	5	0.55
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD22	5	0.55
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD23	5	0.55
(32,2415)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	13	0.55
(32,2415)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	13	0.55
(32,2292)	1:97:A:ASP:HA	1:105:A:LYS:HG2	13	0.55
(32,2292)	1:97:A:ASP:HA	1:105:A:LYS:HG3	13	0.55
(32,2289)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	15	0.55
(32,2289)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	15	0.55
(32,2289)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	15	0.55
(32,2289)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	15	0.55
(32,2289)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	15	0.55
(32,2289)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	15	0.55
(32,2289)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	15	0.55
(32,2289)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	15	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2289)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	15	0.55
(32,2289)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	15	0.55
(32,2289)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	15	0.55
(32,2289)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	15	0.55
(32,2285)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	12	0.55
(32,2285)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	12	0.55
(32,2285)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	12	0.55
(32,2285)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	12	0.55
(32,2285)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	12	0.55
(32,2285)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	12	0.55
(32,2285)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	12	0.55
(32,2285)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	12	0.55
(32,2285)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	12	0.55
(32,2285)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	12	0.55
(32,2285)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	12	0.55
(32,2285)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	12	0.55
(32,2007)	1:23:A:LEU:HD11	1:26:A:ASP:HA	10	0.55
(32,2007)	1:23:A:LEU:HD12	1:26:A:ASP:HA	10	0.55
(32,2007)	1:23:A:LEU:HD13	1:26:A:ASP:HA	10	0.55
(32,2007)	1:23:A:LEU:HD21	1:26:A:ASP:HA	10	0.55
(32,2007)	1:23:A:LEU:HD22	1:26:A:ASP:HA	10	0.55
(32,2007)	1:23:A:LEU:HD23	1:26:A:ASP:HA	10	0.55
(32,1973)	1:16:A:SER:H	1:131:A:LEU:HD11	8	0.55
(32,1973)	1:16:A:SER:H	1:131:A:LEU:HD12	8	0.55
(32,1973)	1:16:A:SER:H	1:131:A:LEU:HD13	8	0.55
(32,1973)	1:16:A:SER:H	1:131:A:LEU:HD21	8	0.55
(32,1973)	1:16:A:SER:H	1:131:A:LEU:HD22	8	0.55
(32,1973)	1:16:A:SER:H	1:131:A:LEU:HD23	8	0.55
(32,1947)	1:14:A:VAL:HB	1:131:A:LEU:HD11	12	0.55
(32,1947)	1:14:A:VAL:HB	1:131:A:LEU:HD12	12	0.55
(32,1947)	1:14:A:VAL:HB	1:131:A:LEU:HD13	12	0.55
(32,1947)	1:14:A:VAL:HB	1:131:A:LEU:HD21	12	0.55
(32,1947)	1:14:A:VAL:HB	1:131:A:LEU:HD22	12	0.55
(32,1947)	1:14:A:VAL:HB	1:131:A:LEU:HD23	12	0.55
(32,1909)	1:10:A:ASN:HB2	1:61:A:SER:HB2	15	0.55
(32,1909)	1:10:A:ASN:HB2	1:61:A:SER:HB3	15	0.55
(32,1909)	1:10:A:ASN:HB3	1:61:A:SER:HB2	15	0.55
(32,1909)	1:10:A:ASN:HB3	1:61:A:SER:HB3	15	0.55
(32,1851)	1:104:A:PHE:HE1	1:105:A:LYS:H	18	0.55
(32,1851)	1:104:A:PHE:HE2	1:105:A:LYS:H	18	0.55
(32,1816)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	5	0.55
(32,1816)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	5	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1816)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	5	0.55
(32,1816)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	5	0.55
(32,1816)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	5	0.55
(32,1816)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	5	0.55
(32,1789)	1:9:A:PHE:HZ	1:54:A:ARG:HA	14	0.55
(32,1780)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	7	0.55
(32,1780)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	7	0.55
(32,1780)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	7	0.55
(32,1780)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	7	0.55
(32,1780)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	7	0.55
(32,1780)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	7	0.55
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE1	2	0.55
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE2	2	0.55
(32,1474)	1:11:A:ILE:HD11	1:43:A:MET:HE3	2	0.55
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE1	2	0.55
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE2	2	0.55
(32,1474)	1:11:A:ILE:HD12	1:43:A:MET:HE3	2	0.55
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE1	2	0.55
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE2	2	0.55
(32,1474)	1:11:A:ILE:HD13	1:43:A:MET:HE3	2	0.55
(32,1203)	1:21:A:THR:HG21	1:23:A:LEU:HA	5	0.55
(32,1203)	1:21:A:THR:HG22	1:23:A:LEU:HA	5	0.55
(32,1203)	1:21:A:THR:HG23	1:23:A:LEU:HA	5	0.55
(32,1029)	1:13:A:ALA:HB1	1:79:A:THR:HA	19	0.55
(32,1029)	1:13:A:ALA:HB2	1:79:A:THR:HA	19	0.55
(32,1029)	1:13:A:ALA:HB3	1:79:A:THR:HA	19	0.55
(32,1026)	1:43:A:MET:HB2	1:140:A:LEU:HG	13	0.55
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	4	0.55
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	4	0.55
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	4	0.55
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	4	0.55
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	4	0.55
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	4	0.55
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	4	0.55
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	4	0.55
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	4	0.55
(32,799)	1:98:A:ILE:HD11	1:101:A:ILE:HB	12	0.55
(32,799)	1:98:A:ILE:HD12	1:101:A:ILE:HB	12	0.55
(32,799)	1:98:A:ILE:HD13	1:101:A:ILE:HB	12	0.55
(32,350)	1:23:A:LEU:HB2	1:26:A:ASP:H	10	0.55
(32,350)	1:23:A:LEU:HB3	1:26:A:ASP:H	10	0.55
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD11	3	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD12	3	0.55
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD13	3	0.55
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD21	3	0.55
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD22	3	0.55
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD23	3	0.55
(30,2349)	1:107:A:LEU:HD11	1:115:A:ALA:H	16	0.55
(30,2349)	1:107:A:LEU:HD12	1:115:A:ALA:H	16	0.55
(30,2349)	1:107:A:LEU:HD13	1:115:A:ALA:H	16	0.55
(30,2349)	1:107:A:LEU:HD21	1:115:A:ALA:H	16	0.55
(30,2349)	1:107:A:LEU:HD22	1:115:A:ALA:H	16	0.55
(30,2349)	1:107:A:LEU:HD23	1:115:A:ALA:H	16	0.55
(30,2346)	1:107:A:LEU:HD11	1:112:A:GLN:HA	6	0.55
(30,2346)	1:107:A:LEU:HD12	1:112:A:GLN:HA	6	0.55
(30,2346)	1:107:A:LEU:HD13	1:112:A:GLN:HA	6	0.55
(30,2346)	1:107:A:LEU:HD21	1:112:A:GLN:HA	6	0.55
(30,2346)	1:107:A:LEU:HD22	1:112:A:GLN:HA	6	0.55
(30,2346)	1:107:A:LEU:HD23	1:112:A:GLN:HA	6	0.55
(30,2330)	1:105:A:LYS:H	1:105:A:LYS:HG2	3	0.55
(30,2330)	1:105:A:LYS:H	1:105:A:LYS:HG3	3	0.55
(30,2330)	1:105:A:LYS:H	1:105:A:LYS:HG2	12	0.55
(30,2330)	1:105:A:LYS:H	1:105:A:LYS:HG3	12	0.55
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	5	0.55
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	5	0.55
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	5	0.55
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	5	0.55
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	5	0.55
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	5	0.55
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	5	0.55
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	5	0.55
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	5	0.55
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	5	0.55
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	5	0.55
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	5	0.55
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	5	0.55
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	5	0.55
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	5	0.55
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	5	0.55
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	5	0.55
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	5	0.55
(30,2220)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	7	0.55
(30,2220)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	7	0.55
(30,2220)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	7	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2220)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	7	0.55
(30,2220)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	7	0.55
(30,2220)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	7	0.55
(30,2148)	1:40:A:LEU:HD11	1:45:A:ALA:H	16	0.55
(30,2148)	1:40:A:LEU:HD12	1:45:A:ALA:H	16	0.55
(30,2148)	1:40:A:LEU:HD13	1:45:A:ALA:H	16	0.55
(30,2148)	1:40:A:LEU:HD21	1:45:A:ALA:H	16	0.55
(30,2148)	1:40:A:LEU:HD22	1:45:A:ALA:H	16	0.55
(30,2148)	1:40:A:LEU:HD23	1:45:A:ALA:H	16	0.55
(30,2139)	1:40:A:LEU:HA	1:43:A:MET:HG2	9	0.55
(30,2139)	1:40:A:LEU:HA	1:43:A:MET:HG3	9	0.55
(30,2041)	1:27:A:ARG:HB2	1:27:A:ARG:HE	12	0.55
(30,2041)	1:27:A:ARG:HB3	1:27:A:ARG:HE	12	0.55
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	18	0.55
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	18	0.55
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	18	0.55
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	18	0.55
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	18	0.55
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	18	0.55
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	18	0.55
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	18	0.55
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	18	0.55
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	18	0.55
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	18	0.55
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	18	0.55
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	18	0.55
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	18	0.55
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	18	0.55
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	18	0.55
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	18	0.55
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	18	0.55
(30,1985)	1:14:A:VAL:HB	1:131:A:LEU:HD11	12	0.55
(30,1985)	1:14:A:VAL:HB	1:131:A:LEU:HD12	12	0.55
(30,1985)	1:14:A:VAL:HB	1:131:A:LEU:HD13	12	0.55
(30,1985)	1:14:A:VAL:HB	1:131:A:LEU:HD21	12	0.55
(30,1985)	1:14:A:VAL:HB	1:131:A:LEU:HD22	12	0.55
(30,1985)	1:14:A:VAL:HB	1:131:A:LEU:HD23	12	0.55
(30,1897)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	14	0.55
(30,1897)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	14	0.55
(30,1848)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	19	0.55
(30,1848)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	19	0.55
(30,1848)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	19	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1848)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	19	0.55
(30,1848)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	19	0.55
(30,1848)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	19	0.55
(30,1670)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	16	0.55
(30,1670)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	16	0.55
(30,1670)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	16	0.55
(30,1670)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	16	0.55
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD21	8	0.55
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD22	8	0.55
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD23	8	0.55
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	2	0.55
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	2	0.55
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	2	0.55
(30,1295)	1:60:A:LEU:HA	1:60:A:LEU:HD21	14	0.55
(30,1295)	1:60:A:LEU:HA	1:60:A:LEU:HD22	14	0.55
(30,1295)	1:60:A:LEU:HA	1:60:A:LEU:HD23	14	0.55
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD11	12	0.55
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD12	12	0.55
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD13	12	0.55
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD11	12	0.55
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD12	12	0.55
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD13	12	0.55
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD11	12	0.55
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD12	12	0.55
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD13	12	0.55
(30,1166)	1:140:A:LEU:HD21	1:144:A:LEU:H	12	0.55
(30,1166)	1:140:A:LEU:HD22	1:144:A:LEU:H	12	0.55
(30,1166)	1:140:A:LEU:HD23	1:144:A:LEU:H	12	0.55
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB1	18	0.55
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB2	18	0.55
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB3	18	0.55
(30,1050)	1:13:A:ALA:HB1	1:79:A:THR:HA	19	0.55
(30,1050)	1:13:A:ALA:HB2	1:79:A:THR:HA	19	0.55
(30,1050)	1:13:A:ALA:HB3	1:79:A:THR:HA	19	0.55
(30,983)	1:105:A:LYS:HD2	1:107:A:LEU:H	2	0.55
(30,983)	1:105:A:LYS:HD3	1:107:A:LEU:H	2	0.55
(30,980)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	5	0.55
(30,980)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	5	0.55
(30,879)	1:113:A:PHE:HB2	1:114:A:ILE:HD11	6	0.55
(30,879)	1:113:A:PHE:HB2	1:114:A:ILE:HD12	6	0.55
(30,879)	1:113:A:PHE:HB2	1:114:A:ILE:HD13	6	0.55
(30,816)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	19	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,816)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	19	0.55
(30,816)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	19	0.55
(30,698)	1:98:A:ILE:H	1:104:A:PHE:H	16	0.55
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD21	9	0.55
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD22	9	0.55
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD23	9	0.55
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD21	19	0.55
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD22	19	0.55
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD23	19	0.55
(30,376)	1:41:A:LYS:H	1:44:A:GLU:HB2	6	0.55
(30,376)	1:41:A:LYS:H	1:44:A:GLU:HB3	6	0.55
(29,2381)	1:129:A:LYS:HB2	1:133:A:ASN:HB2	2	0.55
(29,2381)	1:129:A:LYS:HB2	1:133:A:ASN:HB3	2	0.55
(29,2381)	1:129:A:LYS:HB3	1:133:A:ASN:HB2	2	0.55
(29,2381)	1:129:A:LYS:HB3	1:133:A:ASN:HB3	2	0.55
(29,2259)	1:74:A:PRO:HA	1:77:A:CYS:HB2	6	0.55
(29,2259)	1:74:A:PRO:HA	1:77:A:CYS:HB3	6	0.55
(29,2259)	1:74:A:PRO:HA	1:77:A:CYS:HB2	9	0.55
(29,2259)	1:74:A:PRO:HA	1:77:A:CYS:HB3	9	0.55
(29,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	9	0.55
(29,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	9	0.55
(29,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	9	0.55
(29,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	9	0.55
(29,2184)	1:56:A:CYS:HB2	1:124:A:THR:HG21	12	0.55
(29,2184)	1:56:A:CYS:HB2	1:124:A:THR:HG22	12	0.55
(29,2184)	1:56:A:CYS:HB2	1:124:A:THR:HG23	12	0.55
(29,2184)	1:56:A:CYS:HB3	1:124:A:THR:HG21	12	0.55
(29,2184)	1:56:A:CYS:HB3	1:124:A:THR:HG22	12	0.55
(29,2184)	1:56:A:CYS:HB3	1:124:A:THR:HG23	12	0.55
(29,2145)	1:40:A:LEU:HD11	1:45:A:ALA:H	16	0.55
(29,2145)	1:40:A:LEU:HD12	1:45:A:ALA:H	16	0.55
(29,2145)	1:40:A:LEU:HD13	1:45:A:ALA:H	16	0.55
(29,2145)	1:40:A:LEU:HD21	1:45:A:ALA:H	16	0.55
(29,2145)	1:40:A:LEU:HD22	1:45:A:ALA:H	16	0.55
(29,2145)	1:40:A:LEU:HD23	1:45:A:ALA:H	16	0.55
(29,2029)	1:16:A:SER:H	1:131:A:LEU:HD11	8	0.55
(29,2029)	1:16:A:SER:H	1:131:A:LEU:HD12	8	0.55
(29,2029)	1:16:A:SER:H	1:131:A:LEU:HD13	8	0.55
(29,2029)	1:16:A:SER:H	1:131:A:LEU:HD21	8	0.55
(29,2029)	1:16:A:SER:H	1:131:A:LEU:HD22	8	0.55
(29,2029)	1:16:A:SER:H	1:131:A:LEU:HD23	8	0.55
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	18	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	18	0.55
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	18	0.55
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	18	0.55
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	18	0.55
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	18	0.55
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	18	0.55
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	18	0.55
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	18	0.55
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	18	0.55
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	18	0.55
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	18	0.55
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	18	0.55
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	18	0.55
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	18	0.55
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	18	0.55
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	18	0.55
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	18	0.55
(29,2006)	1:14:A:VAL:HB	1:131:A:LEU:HD11	12	0.55
(29,2006)	1:14:A:VAL:HB	1:131:A:LEU:HD12	12	0.55
(29,2006)	1:14:A:VAL:HB	1:131:A:LEU:HD13	12	0.55
(29,2006)	1:14:A:VAL:HB	1:131:A:LEU:HD21	12	0.55
(29,2006)	1:14:A:VAL:HB	1:131:A:LEU:HD22	12	0.55
(29,2006)	1:14:A:VAL:HB	1:131:A:LEU:HD23	12	0.55
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG21	1	0.55
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG22	1	0.55
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG23	1	0.55
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG21	1	0.55
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG22	1	0.55
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG23	1	0.55
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG21	1	0.55
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG22	1	0.55
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG23	1	0.55
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG21	1	0.55
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG22	1	0.55
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG23	1	0.55
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG21	1	0.55
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG22	1	0.55
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG23	1	0.55
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG21	1	0.55
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG22	1	0.55
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG23	1	0.55
(29,1914)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	14	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1914)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	14	0.55
(29,1901)	1:104:A:PHE:HE1	1:105:A:LYS:H	18	0.55
(29,1901)	1:104:A:PHE:HE2	1:105:A:LYS:H	18	0.55
(29,1392)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	2	0.55
(29,1392)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	2	0.55
(29,1392)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	2	0.55
(29,1076)	1:13:A:ALA:HB1	1:79:A:THR:HA	19	0.55
(29,1076)	1:13:A:ALA:HB2	1:79:A:THR:HA	19	0.55
(29,1076)	1:13:A:ALA:HB3	1:79:A:THR:HA	19	0.55
(29,847)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	12	0.55
(29,847)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	12	0.55
(29,847)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	12	0.55
(29,847)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	12	0.55
(29,847)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	12	0.55
(29,847)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	12	0.55
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	12	0.55
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	12	0.55
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	12	0.55
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	12	0.55
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	12	0.55
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	12	0.55
(29,17)	1:64:A:LYS:H	1:64:A:LYS:HD2	11	0.55
(29,17)	1:64:A:LYS:H	1:64:A:LYS:HD3	11	0.55
(23,7)	1:60:A:LEU:N	1:56:A:CYS:O	14	0.55
(23,7)	1:60:A:LEU:N	1:56:A:CYS:O	16	0.55
(23,7)	1:60:A:LEU:N	1:56:A:CYS:O	17	0.55
(23,7)	1:60:A:LEU:N	1:56:A:CYS:O	18	0.55
(23,5)	1:58:A:ILE:N	1:54:A:ARG:O	5	0.55
(23,1)	1:17:A:ASN:N	1:13:A:ALA:O	8	0.55
(23,1)	1:17:A:ASN:N	1:13:A:ALA:O	14	0.55
(22,33)	1:118:A:ASP:H	1:114:A:ILE:C	18	0.55
(22,31)	1:117:A:VAL:H	1:113:A:PHE:C	10	0.55
(22,30)	1:116:A:GLN:N	1:112:A:GLN:C	15	0.55
(22,15)	1:61:A:SER:H	1:57:A:LEU:C	11	0.55
(22,11)	1:59:A:CYS:H	1:55:A:GLY:C	16	0.55
(22,10)	1:58:A:ILE:N	1:54:A:ARG:C	11	0.55
(22,7)	1:45:A:ALA:H	1:41:A:LYS:C	8	0.55
(22,6)	1:44:A:GLU:N	1:40:A:LEU:C	2	0.55
(20,9)	1:56:A:CYS:SG	1:127:A:CYS:SG	18	0.55
(20,4)	1:52:A:CYS:SG	1:123:A:CYS:SG	15	0.55
(18,2306)	1:105:A:LYS:H	1:105:A:LYS:HG2	3	0.55
(18,2306)	1:105:A:LYS:H	1:105:A:LYS:HG3	3	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2306)	1:105:A:LYS:H	1:105:A:LYS:HG2	12	0.55
(18,2306)	1:105:A:LYS:H	1:105:A:LYS:HG3	12	0.55
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	5	0.55
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	5	0.55
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	5	0.55
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	5	0.55
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	5	0.55
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	5	0.55
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	5	0.55
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	5	0.55
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	5	0.55
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	5	0.55
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	5	0.55
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	5	0.55
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	5	0.55
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	5	0.55
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	5	0.55
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	5	0.55
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	5	0.55
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	5	0.55
(18,2231)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	7	0.55
(18,2231)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	7	0.55
(18,2231)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	7	0.55
(18,2231)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	7	0.55
(18,2231)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	7	0.55
(18,2231)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	7	0.55
(18,2006)	1:16:A:SER:H	1:131:A:LEU:HD11	8	0.55
(18,2006)	1:16:A:SER:H	1:131:A:LEU:HD12	8	0.55
(18,2006)	1:16:A:SER:H	1:131:A:LEU:HD13	8	0.55
(18,2006)	1:16:A:SER:H	1:131:A:LEU:HD21	8	0.55
(18,2006)	1:16:A:SER:H	1:131:A:LEU:HD22	8	0.55
(18,2006)	1:16:A:SER:H	1:131:A:LEU:HD23	8	0.55
(18,1959)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	1	0.55
(18,1959)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	1	0.55
(18,1959)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	1	0.55
(18,1959)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	1	0.55
(18,1959)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	1	0.55
(18,1959)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	1	0.55
(18,1937)	1:10:A:ASN:HB2	1:61:A:SER:HB2	15	0.55
(18,1937)	1:10:A:ASN:HB2	1:61:A:SER:HB3	15	0.55
(18,1937)	1:10:A:ASN:HB3	1:61:A:SER:HB2	15	0.55
(18,1937)	1:10:A:ASN:HB3	1:61:A:SER:HB3	15	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1812)	1:9:A:PHE:HZ	1:54:A:ARG:HA	14	0.55
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	17	0.55
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	17	0.55
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	17	0.55
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	17	0.55
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	17	0.55
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	17	0.55
(18,1710)	1:19:A:ALA:HB1	1:21:A:THR:HG21	18	0.55
(18,1710)	1:19:A:ALA:HB1	1:21:A:THR:HG22	18	0.55
(18,1710)	1:19:A:ALA:HB1	1:21:A:THR:HG23	18	0.55
(18,1710)	1:19:A:ALA:HB2	1:21:A:THR:HG21	18	0.55
(18,1710)	1:19:A:ALA:HB2	1:21:A:THR:HG22	18	0.55
(18,1710)	1:19:A:ALA:HB2	1:21:A:THR:HG23	18	0.55
(18,1710)	1:19:A:ALA:HB3	1:21:A:THR:HG21	18	0.55
(18,1710)	1:19:A:ALA:HB3	1:21:A:THR:HG22	18	0.55
(18,1710)	1:19:A:ALA:HB3	1:21:A:THR:HG23	18	0.55
(18,1688)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	17	0.55
(18,1688)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	17	0.55
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	3	0.55
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	3	0.55
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	3	0.55
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	3	0.55
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB2	4	0.55
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB3	4	0.55
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB2	12	0.55
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB3	12	0.55
(18,1537)	1:143:A:TRP:HB3	1:144:A:LEU:HD21	14	0.55
(18,1537)	1:143:A:TRP:HB3	1:144:A:LEU:HD22	14	0.55
(18,1537)	1:143:A:TRP:HB3	1:144:A:LEU:HD23	14	0.55
(18,1268)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	12	0.55
(18,1268)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	12	0.55
(18,1268)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	12	0.55
(18,1268)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	12	0.55
(18,1268)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	12	0.55
(18,1268)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	12	0.55
(18,1242)	1:21:A:THR:HG21	1:23:A:LEU:HA	5	0.55
(18,1242)	1:21:A:THR:HG22	1:23:A:LEU:HA	5	0.55
(18,1242)	1:21:A:THR:HG23	1:23:A:LEU:HA	5	0.55
(18,1235)	1:79:A:THR:HG21	1:81:A:GLU:HA	15	0.55
(18,1235)	1:79:A:THR:HG22	1:81:A:GLU:HA	15	0.55
(18,1235)	1:79:A:THR:HG23	1:81:A:GLU:HA	15	0.55
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB1	18	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB2	18	0.55
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB3	18	0.55
(18,978)	1:138:A:ASP:HA	1:141:A:LYS:HB2	7	0.55
(18,978)	1:138:A:ASP:HA	1:141:A:LYS:HB3	7	0.55
(18,942)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	8	0.55
(18,942)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	8	0.55
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	14	0.55
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	14	0.55
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	14	0.55
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	14	0.55
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	14	0.55
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	14	0.55
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	14	0.55
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	14	0.55
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	14	0.55
(18,516)	1:101:A:ILE:HD11	1:105:A:LYS:H	1	0.55
(18,516)	1:101:A:ILE:HD12	1:105:A:LYS:H	1	0.55
(18,516)	1:101:A:ILE:HD13	1:105:A:LYS:H	1	0.55
(18,516)	1:101:A:ILE:HD11	1:105:A:LYS:H	11	0.55
(18,516)	1:101:A:ILE:HD12	1:105:A:LYS:H	11	0.55
(18,516)	1:101:A:ILE:HD13	1:105:A:LYS:H	11	0.55
(18,239)	1:112:A:GLN:HG2	1:114:A:ILE:H	15	0.55
(18,239)	1:112:A:GLN:HG3	1:114:A:ILE:H	15	0.55
(18,15)	1:64:A:LYS:H	1:64:A:LYS:HD2	11	0.55
(18,15)	1:64:A:LYS:H	1:64:A:LYS:HD3	11	0.55
(17,2342)	1:107:A:LEU:HD11	1:115:A:ALA:H	16	0.55
(17,2342)	1:107:A:LEU:HD12	1:115:A:ALA:H	16	0.55
(17,2342)	1:107:A:LEU:HD13	1:115:A:ALA:H	16	0.55
(17,2342)	1:107:A:LEU:HD21	1:115:A:ALA:H	16	0.55
(17,2342)	1:107:A:LEU:HD22	1:115:A:ALA:H	16	0.55
(17,2342)	1:107:A:LEU:HD23	1:115:A:ALA:H	16	0.55
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	5	0.55
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	5	0.55
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	5	0.55
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	5	0.55
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	5	0.55
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	5	0.55
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	5	0.55
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	5	0.55
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	5	0.55
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	5	0.55
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	5	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	5	0.55
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	5	0.55
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	5	0.55
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	5	0.55
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	5	0.55
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	5	0.55
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	5	0.55
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	3	0.55
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	3	0.55
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	3	0.55
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	3	0.55
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	3	0.55
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	3	0.55
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	3	0.55
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	3	0.55
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	3	0.55
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	3	0.55
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	3	0.55
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	3	0.55
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	3	0.55
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	3	0.55
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	3	0.55
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	3	0.55
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	3	0.55
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	3	0.55
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	15	0.55
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	15	0.55
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	15	0.55
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	15	0.55
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	15	0.55
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	15	0.55
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD11	9	0.55
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD12	9	0.55
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD13	9	0.55
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD21	9	0.55
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD22	9	0.55
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD23	9	0.55
(17,2092)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	9	0.55
(17,2092)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	9	0.55
(17,2092)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	9	0.55
(17,2092)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	9	0.55
(17,2092)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	9	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2092)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	9	0.55
(17,2031)	1:17:A:ASN:HD21	1:113:A:PHE:HE1	12	0.55
(17,2031)	1:17:A:ASN:HD21	1:113:A:PHE:HE2	12	0.55
(17,2031)	1:17:A:ASN:HD22	1:113:A:PHE:HE1	12	0.55
(17,2031)	1:17:A:ASN:HD22	1:113:A:PHE:HE2	12	0.55
(17,2031)	1:17:A:ASN:HD21	1:113:A:PHE:HE1	13	0.55
(17,2031)	1:17:A:ASN:HD21	1:113:A:PHE:HE2	13	0.55
(17,2031)	1:17:A:ASN:HD22	1:113:A:PHE:HE1	13	0.55
(17,2031)	1:17:A:ASN:HD22	1:113:A:PHE:HE2	13	0.55
(17,1912)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	14	0.55
(17,1912)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	14	0.55
(17,1872)	1:9:A:PHE:HZ	1:11:A:ILE:HA	16	0.55
(17,1776)	1:141:A:LYS:HA	1:148:A:CYS:H	12	0.55
(17,1724)	1:67:A:PRO:HD2	1:95:A:ILE:HA	11	0.55
(17,1477)	1:13:A:ALA:HB1	1:79:A:THR:HB	10	0.55
(17,1477)	1:13:A:ALA:HB2	1:79:A:THR:HB	10	0.55
(17,1477)	1:13:A:ALA:HB3	1:79:A:THR:HB	10	0.55
(17,1343)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	6	0.55
(17,1343)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	6	0.55
(17,1343)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	6	0.55
(17,1343)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	6	0.55
(17,1343)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	6	0.55
(17,1343)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	6	0.55
(17,1343)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	6	0.55
(17,1343)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	6	0.55
(17,1343)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	6	0.55
(17,1309)	1:60:A:LEU:HA	1:60:A:LEU:HD21	14	0.55
(17,1309)	1:60:A:LEU:HA	1:60:A:LEU:HD22	14	0.55
(17,1309)	1:60:A:LEU:HA	1:60:A:LEU:HD23	14	0.55
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD21	5	0.55
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD22	5	0.55
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD23	5	0.55
(17,1093)	1:48:A:ARG:HG2	1:49:A:LYS:HA	4	0.55
(17,1093)	1:48:A:ARG:HG3	1:49:A:LYS:HA	4	0.55
(17,1069)	1:13:A:ALA:HB1	1:79:A:THR:HA	19	0.55
(17,1069)	1:13:A:ALA:HB2	1:79:A:THR:HA	19	0.55
(17,1069)	1:13:A:ALA:HB3	1:79:A:THR:HA	19	0.55
(17,709)	1:23:A:LEU:HD21	1:27:A:ARG:HE	6	0.55
(17,709)	1:23:A:LEU:HD22	1:27:A:ARG:HE	6	0.55
(17,709)	1:23:A:LEU:HD23	1:27:A:ARG:HE	6	0.55
(17,709)	1:23:A:LEU:HD21	1:27:A:ARG:HE	12	0.55
(17,709)	1:23:A:LEU:HD22	1:27:A:ARG:HE	12	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,709)	1:23:A:LEU:HD23	1:27:A:ARG:HE	12	0.55
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	9	0.55
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	9	0.55
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	9	0.55
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	19	0.55
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	19	0.55
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	19	0.55
(17,578)	1:128:A:LEU:HD21	1:130:A:GLY:H	15	0.55
(17,578)	1:128:A:LEU:HD22	1:130:A:GLY:H	15	0.55
(17,578)	1:128:A:LEU:HD23	1:130:A:GLY:H	15	0.55
(17,577)	1:126:A:GLY:H	1:128:A:LEU:HG	2	0.55
(17,39)	1:43:A:MET:HA	1:47:A:ALA:H	15	0.55
(17,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	10	0.55
(16,2329)	1:107:A:LEU:HD11	1:112:A:GLN:HA	6	0.55
(16,2329)	1:107:A:LEU:HD12	1:112:A:GLN:HA	6	0.55
(16,2329)	1:107:A:LEU:HD13	1:112:A:GLN:HA	6	0.55
(16,2329)	1:107:A:LEU:HD21	1:112:A:GLN:HA	6	0.55
(16,2329)	1:107:A:LEU:HD22	1:112:A:GLN:HA	6	0.55
(16,2329)	1:107:A:LEU:HD23	1:112:A:GLN:HA	6	0.55
(16,2038)	1:23:A:LEU:HD11	1:27:A:ARG:HB2	5	0.55
(16,2038)	1:23:A:LEU:HD11	1:27:A:ARG:HB3	5	0.55
(16,2038)	1:23:A:LEU:HD12	1:27:A:ARG:HB2	5	0.55
(16,2038)	1:23:A:LEU:HD12	1:27:A:ARG:HB3	5	0.55
(16,2038)	1:23:A:LEU:HD13	1:27:A:ARG:HB2	5	0.55
(16,2038)	1:23:A:LEU:HD13	1:27:A:ARG:HB3	5	0.55
(16,2038)	1:23:A:LEU:HD21	1:27:A:ARG:HB2	5	0.55
(16,2038)	1:23:A:LEU:HD21	1:27:A:ARG:HB3	5	0.55
(16,2038)	1:23:A:LEU:HD22	1:27:A:ARG:HB2	5	0.55
(16,2038)	1:23:A:LEU:HD22	1:27:A:ARG:HB3	5	0.55
(16,2038)	1:23:A:LEU:HD23	1:27:A:ARG:HB2	5	0.55
(16,2038)	1:23:A:LEU:HD23	1:27:A:ARG:HB3	5	0.55
(16,1931)	1:10:A:ASN:HB2	1:61:A:SER:HB2	15	0.55
(16,1931)	1:10:A:ASN:HB2	1:61:A:SER:HB3	15	0.55
(16,1931)	1:10:A:ASN:HB3	1:61:A:SER:HB2	15	0.55
(16,1931)	1:10:A:ASN:HB3	1:61:A:SER:HB3	15	0.55
(16,1881)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	14	0.55
(16,1881)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	14	0.55
(16,1853)	1:76:A:ARG:HB3	1:113:A:PHE:HE1	14	0.55
(16,1853)	1:76:A:ARG:HB3	1:113:A:PHE:HE2	14	0.55
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB2	4	0.55
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB3	4	0.55
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB2	12	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB3	12	0.55
(16,1401)	1:11:A:ILE:HG21	1:43:A:MET:HG3	9	0.55
(16,1401)	1:11:A:ILE:HG22	1:43:A:MET:HG3	9	0.55
(16,1401)	1:11:A:ILE:HG23	1:43:A:MET:HG3	9	0.55
(16,1258)	1:23:A:LEU:HD11	1:24:A:ASP:H	1	0.55
(16,1258)	1:23:A:LEU:HD12	1:24:A:ASP:H	1	0.55
(16,1258)	1:23:A:LEU:HD13	1:24:A:ASP:H	1	0.55
(16,1241)	1:21:A:THR:HG21	1:23:A:LEU:HA	5	0.55
(16,1241)	1:21:A:THR:HG22	1:23:A:LEU:HA	5	0.55
(16,1241)	1:21:A:THR:HG23	1:23:A:LEU:HA	5	0.55
(16,1237)	1:136:A:CYS:HA	1:140:A:LEU:HD11	3	0.55
(16,1237)	1:136:A:CYS:HA	1:140:A:LEU:HD12	3	0.55
(16,1237)	1:136:A:CYS:HA	1:140:A:LEU:HD13	3	0.55
(16,1051)	1:11:A:ILE:HG12	1:43:A:MET:HB3	16	0.55
(16,1036)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	2	0.55
(16,1036)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	2	0.55
(16,705)	1:98:A:ILE:H	1:104:A:PHE:H	16	0.55
(16,366)	1:23:A:LEU:HB2	1:26:A:ASP:H	10	0.55
(16,366)	1:23:A:LEU:HB3	1:26:A:ASP:H	10	0.55
(15,2238)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	3	0.55
(15,2238)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	3	0.55
(15,2238)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	3	0.55
(15,2238)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	3	0.55
(15,2196)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	7	0.55
(15,2196)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	7	0.55
(15,2196)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	7	0.55
(15,2196)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	7	0.55
(15,2196)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	7	0.55
(15,2196)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	7	0.55
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	15	0.55
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	15	0.55
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	15	0.55
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	15	0.55
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	15	0.55
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	15	0.55
(15,2056)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	1	0.55
(15,2056)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	1	0.55
(15,2056)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	1	0.55
(15,2056)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	1	0.55
(15,2056)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	1	0.55
(15,2056)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	1	0.55
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE1	11	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE2	11	0.55
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE3	11	0.55
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE1	11	0.55
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE2	11	0.55
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE3	11	0.55
(15,1981)	1:16:A:SER:H	1:131:A:LEU:HD11	8	0.55
(15,1981)	1:16:A:SER:H	1:131:A:LEU:HD12	8	0.55
(15,1981)	1:16:A:SER:H	1:131:A:LEU:HD13	8	0.55
(15,1981)	1:16:A:SER:H	1:131:A:LEU:HD21	8	0.55
(15,1981)	1:16:A:SER:H	1:131:A:LEU:HD22	8	0.55
(15,1981)	1:16:A:SER:H	1:131:A:LEU:HD23	8	0.55
(15,1962)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	4	0.55
(15,1962)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	4	0.55
(15,1962)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	4	0.55
(15,1962)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	4	0.55
(15,1962)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	4	0.55
(15,1962)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	4	0.55
(15,1954)	1:14:A:VAL:HB	1:131:A:LEU:HD11	12	0.55
(15,1954)	1:14:A:VAL:HB	1:131:A:LEU:HD12	12	0.55
(15,1954)	1:14:A:VAL:HB	1:131:A:LEU:HD13	12	0.55
(15,1954)	1:14:A:VAL:HB	1:131:A:LEU:HD21	12	0.55
(15,1954)	1:14:A:VAL:HB	1:131:A:LEU:HD22	12	0.55
(15,1954)	1:14:A:VAL:HB	1:131:A:LEU:HD23	12	0.55
(15,1876)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	14	0.55
(15,1876)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	14	0.55
(15,1864)	1:104:A:PHE:HE1	1:105:A:LYS:H	18	0.55
(15,1864)	1:104:A:PHE:HE2	1:105:A:LYS:H	18	0.55
(15,1859)	1:14:A:VAL:HA	1:18:A:PHE:HD1	14	0.55
(15,1859)	1:14:A:VAL:HA	1:18:A:PHE:HD2	14	0.55
(15,1833)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	19	0.55
(15,1833)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	19	0.55
(15,1833)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	19	0.55
(15,1833)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	19	0.55
(15,1833)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	19	0.55
(15,1833)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	19	0.55
(15,1808)	1:9:A:PHE:HZ	1:54:A:ARG:HA	14	0.55
(15,1617)	1:33:A:LYS:HA	1:80:A:TYR:HB2	11	0.55
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD21	9	0.55
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD22	9	0.55
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD23	9	0.55
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD21	17	0.55
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD22	17	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD23	17	0.55
(15,1212)	1:69:A:MET:HE1	1:110:A:MET:HA	17	0.55
(15,1212)	1:69:A:MET:HE2	1:110:A:MET:HA	17	0.55
(15,1212)	1:69:A:MET:HE3	1:110:A:MET:HA	17	0.55
(15,1064)	1:13:A:ALA:HB1	1:79:A:THR:HA	19	0.55
(15,1064)	1:13:A:ALA:HB2	1:79:A:THR:HA	19	0.55
(15,1064)	1:13:A:ALA:HB3	1:79:A:THR:HA	19	0.55
(15,1062)	1:43:A:MET:HB2	1:140:A:LEU:HG	13	0.55
(15,997)	1:12:A:VAL:HB	1:43:A:MET:HE1	14	0.55
(15,997)	1:12:A:VAL:HB	1:43:A:MET:HE2	14	0.55
(15,997)	1:12:A:VAL:HB	1:43:A:MET:HE3	14	0.55
(15,920)	1:125:A:THR:HB	1:128:A:LEU:HG	17	0.55
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	4	0.55
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	4	0.55
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	4	0.55
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	4	0.55
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	4	0.55
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	4	0.55
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	4	0.55
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	4	0.55
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	4	0.55
(15,820)	1:98:A:ILE:HD11	1:101:A:ILE:HB	18	0.55
(15,820)	1:98:A:ILE:HD12	1:101:A:ILE:HB	18	0.55
(15,820)	1:98:A:ILE:HD13	1:101:A:ILE:HB	18	0.55
(15,794)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	13	0.55
(15,794)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	13	0.55
(15,794)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	13	0.55
(15,794)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	13	0.55
(15,794)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	13	0.55
(15,794)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	13	0.55
(15,377)	1:40:A:LEU:HB2	1:41:A:LYS:H	4	0.55
(15,377)	1:40:A:LEU:HB2	1:41:A:LYS:H	5	0.55
(15,362)	1:23:A:LEU:HB2	1:26:A:ASP:H	10	0.55
(15,362)	1:23:A:LEU:HB3	1:26:A:ASP:H	10	0.55
(15,12)	1:64:A:LYS:H	1:116:A:GLN:HG3	19	0.55
(13,2422)	1:136:A:CYS:HB2	1:149:A:ALA:H	14	0.55
(13,2422)	1:136:A:CYS:HB3	1:149:A:ALA:H	14	0.55
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD11	3	0.55
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD12	3	0.55
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD13	3	0.55
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD21	3	0.55
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD22	3	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD23	3	0.55
(13,2311)	1:107:A:LEU:HD11	1:112:A:GLN:HA	6	0.55
(13,2311)	1:107:A:LEU:HD12	1:112:A:GLN:HA	6	0.55
(13,2311)	1:107:A:LEU:HD13	1:112:A:GLN:HA	6	0.55
(13,2311)	1:107:A:LEU:HD21	1:112:A:GLN:HA	6	0.55
(13,2311)	1:107:A:LEU:HD22	1:112:A:GLN:HA	6	0.55
(13,2311)	1:107:A:LEU:HD23	1:112:A:GLN:HA	6	0.55
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	5	0.55
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	5	0.55
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	5	0.55
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	5	0.55
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	5	0.55
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	5	0.55
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	5	0.55
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	5	0.55
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	5	0.55
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	5	0.55
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	5	0.55
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	5	0.55
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	5	0.55
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	5	0.55
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	5	0.55
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	5	0.55
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	5	0.55
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	5	0.55
(13,2197)	1:65:A:CYS:HB2	1:70:A:LYS:HA	17	0.55
(13,2197)	1:65:A:CYS:HB3	1:70:A:LYS:HA	17	0.55
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD11	5	0.55
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD12	5	0.55
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD13	5	0.55
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD21	5	0.55
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD22	5	0.55
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD23	5	0.55
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG21	1	0.55
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG22	1	0.55
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG23	1	0.55
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG21	1	0.55
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG22	1	0.55
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG23	1	0.55
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG21	1	0.55
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG22	1	0.55
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG23	1	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG21	1	0.55
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG22	1	0.55
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG23	1	0.55
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG21	1	0.55
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG22	1	0.55
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG23	1	0.55
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG21	1	0.55
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG22	1	0.55
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG23	1	0.55
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	8	0.55
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	8	0.55
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	8	0.55
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	8	0.55
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	8	0.55
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	8	0.55
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	8	0.55
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	8	0.55
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	8	0.55
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	8	0.55
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	8	0.55
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	8	0.55
(13,1744)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	4	0.55
(13,1744)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	4	0.55
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD21	17	0.55
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD22	17	0.55
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD23	17	0.55
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE1	10	0.55
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE2	10	0.55
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE3	10	0.55
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE1	10	0.55
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE2	10	0.55
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE3	10	0.55
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE1	10	0.55
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE2	10	0.55
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE3	10	0.55
(13,1437)	1:13:A:ALA:HB1	1:80:A:TYR:HB2	1	0.55
(13,1437)	1:13:A:ALA:HB2	1:80:A:TYR:HB2	1	0.55
(13,1437)	1:13:A:ALA:HB3	1:80:A:TYR:HB2	1	0.55
(13,1211)	1:21:A:THR:HG21	1:23:A:LEU:HA	5	0.55
(13,1211)	1:21:A:THR:HG22	1:23:A:LEU:HA	5	0.55
(13,1211)	1:21:A:THR:HG23	1:23:A:LEU:HA	5	0.55
(13,1044)	1:13:A:ALA:HB1	1:79:A:THR:HA	19	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1044)	1:13:A:ALA:HB2	1:79:A:THR:HA	19	0.55
(13,1044)	1:13:A:ALA:HB3	1:79:A:THR:HA	19	0.55
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG2	12	0.55
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG3	12	0.55
(13,846)	1:60:A:LEU:HB3	1:63:A:ILE:H	15	0.55
(13,682)	1:98:A:ILE:H	1:104:A:PHE:H	16	0.55
(13,575)	1:128:A:LEU:HD21	1:130:A:GLY:H	15	0.55
(13,575)	1:128:A:LEU:HD22	1:130:A:GLY:H	15	0.55
(13,575)	1:128:A:LEU:HD23	1:130:A:GLY:H	15	0.55
(13,483)	1:98:A:ILE:H	1:105:A:LYS:H	3	0.55
(13,370)	1:40:A:LEU:HB2	1:41:A:LYS:H	7	0.55
(13,355)	1:23:A:LEU:HB2	1:26:A:ASP:H	10	0.55
(13,355)	1:23:A:LEU:HB3	1:26:A:ASP:H	10	0.55
(13,51)	1:47:A:ALA:H	1:134:A:VAL:HG21	10	0.55
(13,51)	1:47:A:ALA:H	1:134:A:VAL:HG22	10	0.55
(13,51)	1:47:A:ALA:H	1:134:A:VAL:HG23	10	0.55
(13,14)	1:64:A:LYS:H	1:64:A:LYS:HD2	11	0.55
(13,14)	1:64:A:LYS:H	1:64:A:LYS:HD3	11	0.55
(11,2303)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	15	0.55
(11,2303)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	15	0.55
(11,2303)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	15	0.55
(11,2303)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	15	0.55
(11,2303)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	15	0.55
(11,2303)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	15	0.55
(11,2303)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	15	0.55
(11,2303)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	15	0.55
(11,2303)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	15	0.55
(11,2303)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	15	0.55
(11,2303)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	15	0.55
(11,2303)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	15	0.55
(11,2148)	1:40:A:LEU:HD11	1:45:A:ALA:H	16	0.55
(11,2148)	1:40:A:LEU:HD12	1:45:A:ALA:H	16	0.55
(11,2148)	1:40:A:LEU:HD13	1:45:A:ALA:H	16	0.55
(11,2148)	1:40:A:LEU:HD21	1:45:A:ALA:H	16	0.55
(11,2148)	1:40:A:LEU:HD22	1:45:A:ALA:H	16	0.55
(11,2148)	1:40:A:LEU:HD23	1:45:A:ALA:H	16	0.55
(11,2055)	1:23:A:LEU:HD11	1:26:A:ASP:HA	10	0.55
(11,2055)	1:23:A:LEU:HD12	1:26:A:ASP:HA	10	0.55
(11,2055)	1:23:A:LEU:HD13	1:26:A:ASP:HA	10	0.55
(11,2055)	1:23:A:LEU:HD21	1:26:A:ASP:HA	10	0.55
(11,2055)	1:23:A:LEU:HD22	1:26:A:ASP:HA	10	0.55
(11,2055)	1:23:A:LEU:HD23	1:26:A:ASP:HA	10	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2030)	1:16:A:SER:H	1:131:A:LEU:HD11	8	0.55
(11,2030)	1:16:A:SER:H	1:131:A:LEU:HD12	8	0.55
(11,2030)	1:16:A:SER:H	1:131:A:LEU:HD13	8	0.55
(11,2030)	1:16:A:SER:H	1:131:A:LEU:HD21	8	0.55
(11,2030)	1:16:A:SER:H	1:131:A:LEU:HD22	8	0.55
(11,2030)	1:16:A:SER:H	1:131:A:LEU:HD23	8	0.55
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	2	0.55
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	2	0.55
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	2	0.55
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	2	0.55
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	2	0.55
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	2	0.55
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD2	15	0.55
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD3	15	0.55
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD2	15	0.55
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD3	15	0.55
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD2	15	0.55
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD3	15	0.55
(11,1642)	1:128:A:LEU:HD21	1:130:A:GLY:H	15	0.55
(11,1642)	1:128:A:LEU:HD22	1:130:A:GLY:H	15	0.55
(11,1642)	1:128:A:LEU:HD23	1:130:A:GLY:H	15	0.55
(11,1628)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	7	0.55
(11,1628)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	7	0.55
(11,1628)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	7	0.55
(11,1628)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	7	0.55
(11,1628)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	7	0.55
(11,1628)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	7	0.55
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD21	8	0.55
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD22	8	0.55
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD23	8	0.55
(11,1252)	1:21:A:THR:HG21	1:23:A:LEU:HA	5	0.55
(11,1252)	1:21:A:THR:HG22	1:23:A:LEU:HA	5	0.55
(11,1252)	1:21:A:THR:HG23	1:23:A:LEU:HA	5	0.55
(11,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	17	0.55
(11,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	17	0.55
(11,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	17	0.55
(11,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	17	0.55
(11,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	17	0.55
(11,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	17	0.55
(11,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	19	0.55
(11,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	19	0.55
(11,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	19	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	19	0.55
(11,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	19	0.55
(11,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	19	0.55
(11,1068)	1:43:A:MET:HB2	1:140:A:LEU:HG	13	0.55
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	3	0.55
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	3	0.55
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	3	0.55
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	3	0.55
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	3	0.55
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	3	0.55
(11,698)	1:98:A:ILE:H	1:104:A:PHE:H	16	0.55
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	9	0.55
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	9	0.55
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	9	0.55
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	19	0.55
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	19	0.55
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	19	0.55
(11,540)	1:60:A:LEU:HD21	1:61:A:SER:H	1	0.55
(11,540)	1:60:A:LEU:HD22	1:61:A:SER:H	1	0.55
(11,540)	1:60:A:LEU:HD23	1:61:A:SER:H	1	0.55
(11,498)	1:105:A:LYS:H	1:105:A:LYS:HD2	6	0.55
(11,498)	1:105:A:LYS:H	1:105:A:LYS:HD3	6	0.55
(11,498)	1:105:A:LYS:H	1:105:A:LYS:HD2	9	0.55
(11,498)	1:105:A:LYS:H	1:105:A:LYS:HD3	9	0.55
(11,377)	1:41:A:LYS:H	1:44:A:GLU:HB2	6	0.55
(11,377)	1:41:A:LYS:H	1:44:A:GLU:HB3	6	0.55
(11,122)	1:78:A:HIS:HA	1:80:A:TYR:H	14	0.55
(9,2275)	1:107:A:LEU:HD11	1:115:A:ALA:H	16	0.55
(9,2275)	1:107:A:LEU:HD12	1:115:A:ALA:H	16	0.55
(9,2275)	1:107:A:LEU:HD13	1:115:A:ALA:H	16	0.55
(9,2275)	1:107:A:LEU:HD21	1:115:A:ALA:H	16	0.55
(9,2275)	1:107:A:LEU:HD22	1:115:A:ALA:H	16	0.55
(9,2275)	1:107:A:LEU:HD23	1:115:A:ALA:H	16	0.55
(9,2273)	1:107:A:LEU:HD11	1:112:A:GLN:HA	16	0.55
(9,2273)	1:107:A:LEU:HD12	1:112:A:GLN:HA	16	0.55
(9,2273)	1:107:A:LEU:HD13	1:112:A:GLN:HA	16	0.55
(9,2273)	1:107:A:LEU:HD21	1:112:A:GLN:HA	16	0.55
(9,2273)	1:107:A:LEU:HD22	1:112:A:GLN:HA	16	0.55
(9,2273)	1:107:A:LEU:HD23	1:112:A:GLN:HA	16	0.55
(9,2162)	1:60:A:LEU:HG	1:61:A:SER:HB2	19	0.55
(9,2162)	1:60:A:LEU:HG	1:61:A:SER:HB3	19	0.55
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	8	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	8	0.55
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	8	0.55
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	8	0.55
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	8	0.55
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	8	0.55
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	8	0.55
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	8	0.55
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	8	0.55
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	8	0.55
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	8	0.55
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	8	0.55
(9,1939)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	5	0.55
(9,1939)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	5	0.55
(9,1939)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	5	0.55
(9,1939)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	5	0.55
(9,1911)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	12	0.55
(9,1847)	1:9:A:PHE:HZ	1:11:A:ILE:HA	16	0.55
(9,1836)	1:13:A:ALA:HA	1:80:A:TYR:HE1	17	0.55
(9,1836)	1:13:A:ALA:HA	1:80:A:TYR:HE2	17	0.55
(9,1679)	1:69:A:MET:HG3	1:109:A:PRO:HA	5	0.55
(9,1267)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	12	0.55
(9,1267)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	12	0.55
(9,1267)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	12	0.55
(9,1267)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	12	0.55
(9,1267)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	12	0.55
(9,1267)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	12	0.55
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB2	2	0.55
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB3	2	0.55
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB2	8	0.55
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB3	8	0.55
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB2	11	0.55
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB3	11	0.55
(9,965)	1:141:A:LYS:HB2	1:149:A:ALA:HA	6	0.55
(9,965)	1:141:A:LYS:HB3	1:149:A:ALA:HA	6	0.55
(9,890)	1:73:A:ILE:HB	1:76:A:ARG:HA	3	0.55
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	9	0.55
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	9	0.55
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	9	0.55
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	9	0.55
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	9	0.55
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	9	0.55
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	9	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	9	0.55
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	9	0.55
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	9	0.55
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	9	0.55
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	9	0.55
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	19	0.55
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	19	0.55
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	19	0.55
(9,545)	1:60:A:LEU:HD21	1:61:A:SER:H	1	0.55
(9,545)	1:60:A:LEU:HD22	1:61:A:SER:H	1	0.55
(9,545)	1:60:A:LEU:HD23	1:61:A:SER:H	1	0.55
(9,534)	1:70:A:LYS:HB2	1:72:A:PHE:H	9	0.55
(9,534)	1:70:A:LYS:HB3	1:72:A:PHE:H	9	0.55
(9,370)	1:23:A:LEU:HB2	1:26:A:ASP:H	10	0.55
(9,370)	1:23:A:LEU:HB3	1:26:A:ASP:H	10	0.55
(9,14)	1:64:A:LYS:H	1:64:A:LYS:HD2	11	0.55
(9,14)	1:64:A:LYS:H	1:64:A:LYS:HD3	11	0.55
(7,2399)	1:129:A:LYS:HB2	1:133:A:ASN:HB2	2	0.55
(7,2399)	1:129:A:LYS:HB2	1:133:A:ASN:HB3	2	0.55
(7,2399)	1:129:A:LYS:HB3	1:133:A:ASN:HB2	2	0.55
(7,2399)	1:129:A:LYS:HB3	1:133:A:ASN:HB3	2	0.55
(7,2322)	1:107:A:LEU:HD11	1:115:A:ALA:H	16	0.55
(7,2322)	1:107:A:LEU:HD12	1:115:A:ALA:H	16	0.55
(7,2322)	1:107:A:LEU:HD13	1:115:A:ALA:H	16	0.55
(7,2322)	1:107:A:LEU:HD21	1:115:A:ALA:H	16	0.55
(7,2322)	1:107:A:LEU:HD22	1:115:A:ALA:H	16	0.55
(7,2322)	1:107:A:LEU:HD23	1:115:A:ALA:H	16	0.55
(7,2303)	1:105:A:LYS:H	1:105:A:LYS:HG2	3	0.55
(7,2303)	1:105:A:LYS:H	1:105:A:LYS:HG3	3	0.55
(7,2303)	1:105:A:LYS:H	1:105:A:LYS:HG2	12	0.55
(7,2303)	1:105:A:LYS:H	1:105:A:LYS:HG3	12	0.55
(7,2251)	1:79:A:THR:HG21	1:81:A:GLU:HB2	13	0.55
(7,2251)	1:79:A:THR:HG21	1:81:A:GLU:HB3	13	0.55
(7,2251)	1:79:A:THR:HG22	1:81:A:GLU:HB2	13	0.55
(7,2251)	1:79:A:THR:HG22	1:81:A:GLU:HB3	13	0.55
(7,2251)	1:79:A:THR:HG23	1:81:A:GLU:HB2	13	0.55
(7,2251)	1:79:A:THR:HG23	1:81:A:GLU:HB3	13	0.55
(7,2199)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	14	0.55
(7,2199)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	14	0.55
(7,2199)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	14	0.55
(7,2199)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	14	0.55
(7,2199)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	14	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2199)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	14	0.55
(7,2199)	1:63:A:ILE:HG13	1:117:A:VAL:HG11	14	0.55
(7,2199)	1:63:A:ILE:HG13	1:117:A:VAL:HG12	14	0.55
(7,2199)	1:63:A:ILE:HG13	1:117:A:VAL:HG13	14	0.55
(7,2199)	1:63:A:ILE:HG13	1:117:A:VAL:HG21	14	0.55
(7,2199)	1:63:A:ILE:HG13	1:117:A:VAL:HG22	14	0.55
(7,2199)	1:63:A:ILE:HG13	1:117:A:VAL:HG23	14	0.55
(7,2080)	1:39:A:VAL:HB	1:140:A:LEU:HD11	13	0.55
(7,2080)	1:39:A:VAL:HB	1:140:A:LEU:HD12	13	0.55
(7,2080)	1:39:A:VAL:HB	1:140:A:LEU:HD13	13	0.55
(7,2080)	1:39:A:VAL:HB	1:140:A:LEU:HD21	13	0.55
(7,2080)	1:39:A:VAL:HB	1:140:A:LEU:HD22	13	0.55
(7,2080)	1:39:A:VAL:HB	1:140:A:LEU:HD23	13	0.55
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD11	8	0.55
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD12	8	0.55
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD13	8	0.55
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD21	8	0.55
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD22	8	0.55
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD23	8	0.55
(7,1959)	1:16:A:SER:H	1:131:A:LEU:HD11	8	0.55
(7,1959)	1:16:A:SER:H	1:131:A:LEU:HD12	8	0.55
(7,1959)	1:16:A:SER:H	1:131:A:LEU:HD13	8	0.55
(7,1959)	1:16:A:SER:H	1:131:A:LEU:HD21	8	0.55
(7,1959)	1:16:A:SER:H	1:131:A:LEU:HD22	8	0.55
(7,1959)	1:16:A:SER:H	1:131:A:LEU:HD23	8	0.55
(7,1864)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	14	0.55
(7,1864)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	14	0.55
(7,1636)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	16	0.55
(7,1636)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	16	0.55
(7,1636)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	16	0.55
(7,1636)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	16	0.55
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD11	15	0.55
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD12	15	0.55
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD13	15	0.55
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE1	2	0.55
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE2	2	0.55
(7,1496)	1:11:A:ILE:HD11	1:43:A:MET:HE3	2	0.55
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE1	2	0.55
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE2	2	0.55
(7,1496)	1:11:A:ILE:HD12	1:43:A:MET:HE3	2	0.55
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE1	2	0.55
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE2	2	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1496)	1:11:A:ILE:HD13	1:43:A:MET:HE3	2	0.55
(7,1487)	1:43:A:MET:HE1	1:44:A:GLU:HA	2	0.55
(7,1487)	1:43:A:MET:HE2	1:44:A:GLU:HA	2	0.55
(7,1487)	1:43:A:MET:HE3	1:44:A:GLU:HA	2	0.55
(7,1438)	1:14:A:VAL:HB	1:15:A:ALA:HB1	8	0.55
(7,1438)	1:14:A:VAL:HB	1:15:A:ALA:HB2	8	0.55
(7,1438)	1:14:A:VAL:HB	1:15:A:ALA:HB3	8	0.55
(7,1438)	1:14:A:VAL:HB	1:15:A:ALA:HB1	14	0.55
(7,1438)	1:14:A:VAL:HB	1:15:A:ALA:HB2	14	0.55
(7,1438)	1:14:A:VAL:HB	1:15:A:ALA:HB3	14	0.55
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG11	6	0.55
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG12	6	0.55
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG13	6	0.55
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	8	0.55
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	8	0.55
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	8	0.55
(7,1215)	1:39:A:VAL:H	1:139:A:LEU:HD21	3	0.55
(7,1215)	1:39:A:VAL:H	1:139:A:LEU:HD22	3	0.55
(7,1215)	1:39:A:VAL:H	1:139:A:LEU:HD23	3	0.55
(7,1213)	1:21:A:THR:HG21	1:23:A:LEU:HA	5	0.55
(7,1213)	1:21:A:THR:HG22	1:23:A:LEU:HA	5	0.55
(7,1213)	1:21:A:THR:HG23	1:23:A:LEU:HA	5	0.55
(7,1038)	1:13:A:ALA:HB1	1:79:A:THR:HA	19	0.55
(7,1038)	1:13:A:ALA:HB2	1:79:A:THR:HA	19	0.55
(7,1038)	1:13:A:ALA:HB3	1:79:A:THR:HA	19	0.55
(7,1022)	1:11:A:ILE:HA	1:14:A:VAL:HB	8	0.55
(7,909)	1:125:A:THR:HB	1:128:A:LEU:HB2	7	0.55
(7,693)	1:98:A:ILE:H	1:104:A:PHE:H	16	0.55
(7,484)	1:145:A:PRO:HB3	1:148:A:CYS:H	10	0.55
(7,357)	1:23:A:LEU:HB2	1:26:A:ASP:H	10	0.55
(7,357)	1:23:A:LEU:HB3	1:26:A:ASP:H	10	0.55
(6,2411)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	13	0.55
(6,2411)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	13	0.55
(6,2337)	1:107:A:LEU:HD11	1:115:A:ALA:H	16	0.55
(6,2337)	1:107:A:LEU:HD12	1:115:A:ALA:H	16	0.55
(6,2337)	1:107:A:LEU:HD13	1:115:A:ALA:H	16	0.55
(6,2337)	1:107:A:LEU:HD21	1:115:A:ALA:H	16	0.55
(6,2337)	1:107:A:LEU:HD22	1:115:A:ALA:H	16	0.55
(6,2337)	1:107:A:LEU:HD23	1:115:A:ALA:H	16	0.55
(6,2223)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	7	0.55
(6,2223)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	7	0.55
(6,2223)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	7	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2223)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	7	0.55
(6,2223)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	7	0.55
(6,2223)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	7	0.55
(6,2105)	1:39:A:VAL:HB	1:140:A:LEU:HD11	13	0.55
(6,2105)	1:39:A:VAL:HB	1:140:A:LEU:HD12	13	0.55
(6,2105)	1:39:A:VAL:HB	1:140:A:LEU:HD13	13	0.55
(6,2105)	1:39:A:VAL:HB	1:140:A:LEU:HD21	13	0.55
(6,2105)	1:39:A:VAL:HB	1:140:A:LEU:HD22	13	0.55
(6,2105)	1:39:A:VAL:HB	1:140:A:LEU:HD23	13	0.55
(6,2018)	1:16:A:SER:H	1:131:A:LEU:HD11	8	0.55
(6,2018)	1:16:A:SER:H	1:131:A:LEU:HD12	8	0.55
(6,2018)	1:16:A:SER:H	1:131:A:LEU:HD13	8	0.55
(6,2018)	1:16:A:SER:H	1:131:A:LEU:HD21	8	0.55
(6,2018)	1:16:A:SER:H	1:131:A:LEU:HD22	8	0.55
(6,2018)	1:16:A:SER:H	1:131:A:LEU:HD23	8	0.55
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	2	0.55
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	2	0.55
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	2	0.55
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	2	0.55
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	2	0.55
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	2	0.55
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	2	0.55
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	2	0.55
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	2	0.55
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	2	0.55
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	2	0.55
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	2	0.55
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	2	0.55
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	2	0.55
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	2	0.55
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	2	0.55
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	2	0.55
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	2	0.55
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG11	10	0.55
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG12	10	0.55
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG13	10	0.55
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG21	10	0.55
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG22	10	0.55
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG23	10	0.55
(6,1995)	1:14:A:VAL:HB	1:131:A:LEU:HD11	12	0.55
(6,1995)	1:14:A:VAL:HB	1:131:A:LEU:HD12	12	0.55
(6,1995)	1:14:A:VAL:HB	1:131:A:LEU:HD13	12	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1995)	1:14:A:VAL:HB	1:131:A:LEU:HD21	12	0.55
(6,1995)	1:14:A:VAL:HB	1:131:A:LEU:HD22	12	0.55
(6,1995)	1:14:A:VAL:HB	1:131:A:LEU:HD23	12	0.55
(6,1984)	1:12:A:VAL:HG11	1:43:A:MET:HB2	6	0.55
(6,1984)	1:12:A:VAL:HG11	1:43:A:MET:HB3	6	0.55
(6,1984)	1:12:A:VAL:HG12	1:43:A:MET:HB2	6	0.55
(6,1984)	1:12:A:VAL:HG12	1:43:A:MET:HB3	6	0.55
(6,1984)	1:12:A:VAL:HG13	1:43:A:MET:HB2	6	0.55
(6,1984)	1:12:A:VAL:HG13	1:43:A:MET:HB3	6	0.55
(6,1984)	1:12:A:VAL:HG21	1:43:A:MET:HB2	6	0.55
(6,1984)	1:12:A:VAL:HG21	1:43:A:MET:HB3	6	0.55
(6,1984)	1:12:A:VAL:HG22	1:43:A:MET:HB2	6	0.55
(6,1984)	1:12:A:VAL:HG22	1:43:A:MET:HB3	6	0.55
(6,1984)	1:12:A:VAL:HG23	1:43:A:MET:HB2	6	0.55
(6,1984)	1:12:A:VAL:HG23	1:43:A:MET:HB3	6	0.55
(6,1924)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	7	0.55
(6,1860)	1:9:A:PHE:HZ	1:11:A:ILE:HA	16	0.55
(6,1747)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	3	0.55
(6,1747)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	3	0.55
(6,1747)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	3	0.55
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	12	0.55
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	12	0.55
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	12	0.55
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	12	0.55
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	12	0.55
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	12	0.55
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	12	0.55
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	12	0.55
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	12	0.55
(6,1560)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	6	0.55
(6,1560)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	6	0.55
(6,1560)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	6	0.55
(6,1560)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	6	0.55
(6,1560)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	6	0.55
(6,1560)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	6	0.55
(6,1560)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	6	0.55
(6,1560)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	6	0.55
(6,1560)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	6	0.55
(6,1386)	1:16:A:SER:HA	1:19:A:ALA:HB1	6	0.55
(6,1386)	1:16:A:SER:HA	1:19:A:ALA:HB2	6	0.55
(6,1386)	1:16:A:SER:HA	1:19:A:ALA:HB3	6	0.55
(6,1229)	1:21:A:THR:HG21	1:23:A:LEU:HA	5	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1229)	1:21:A:THR:HG22	1:23:A:LEU:HA	5	0.55
(6,1229)	1:21:A:THR:HG23	1:23:A:LEU:HA	5	0.55
(6,1044)	1:13:A:ALA:HB1	1:79:A:THR:HA	19	0.55
(6,1044)	1:13:A:ALA:HB2	1:79:A:THR:HA	19	0.55
(6,1044)	1:13:A:ALA:HB3	1:79:A:THR:HA	19	0.55
(6,1027)	1:11:A:ILE:HA	1:14:A:VAL:HB	8	0.55
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	9	0.55
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	9	0.55
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	9	0.55
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	9	0.55
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	9	0.55
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	9	0.55
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	9	0.55
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	9	0.55
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	9	0.55
(6,790)	1:11:A:ILE:HD11	1:47:A:ALA:HB1	6	0.55
(6,790)	1:11:A:ILE:HD11	1:47:A:ALA:HB2	6	0.55
(6,790)	1:11:A:ILE:HD11	1:47:A:ALA:HB3	6	0.55
(6,790)	1:11:A:ILE:HD12	1:47:A:ALA:HB1	6	0.55
(6,790)	1:11:A:ILE:HD12	1:47:A:ALA:HB2	6	0.55
(6,790)	1:11:A:ILE:HD12	1:47:A:ALA:HB3	6	0.55
(6,790)	1:11:A:ILE:HD13	1:47:A:ALA:HB1	6	0.55
(6,790)	1:11:A:ILE:HD13	1:47:A:ALA:HB2	6	0.55
(6,790)	1:11:A:ILE:HD13	1:47:A:ALA:HB3	6	0.55
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD21	9	0.55
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD22	9	0.55
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD23	9	0.55
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD21	19	0.55
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD22	19	0.55
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD23	19	0.55
(6,536)	1:60:A:LEU:HD21	1:61:A:SER:H	1	0.55
(6,536)	1:60:A:LEU:HD22	1:61:A:SER:H	1	0.55
(6,536)	1:60:A:LEU:HD23	1:61:A:SER:H	1	0.55
(6,65)	1:81:A:GLU:H	1:81:A:GLU:HG2	16	0.55
(6,65)	1:81:A:GLU:H	1:81:A:GLU:HG3	16	0.55
(6,15)	1:64:A:LYS:H	1:64:A:LYS:HD2	11	0.55
(6,15)	1:64:A:LYS:H	1:64:A:LYS:HD3	11	0.55
(5,2473)	1:144:A:LEU:HD11	1:147:A:ARG:HE	2	0.55
(5,2473)	1:144:A:LEU:HD12	1:147:A:ARG:HE	2	0.55
(5,2473)	1:144:A:LEU:HD13	1:147:A:ARG:HE	2	0.55
(5,2473)	1:144:A:LEU:HD21	1:147:A:ARG:HE	2	0.55
(5,2473)	1:144:A:LEU:HD22	1:147:A:ARG:HE	2	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2473)	1:144:A:LEU:HD23	1:147:A:ARG:HE	2	0.55
(5,2408)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	13	0.55
(5,2408)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	13	0.55
(5,2333)	1:107:A:LEU:HD11	1:115:A:ALA:H	16	0.55
(5,2333)	1:107:A:LEU:HD12	1:115:A:ALA:H	16	0.55
(5,2333)	1:107:A:LEU:HD13	1:115:A:ALA:H	16	0.55
(5,2333)	1:107:A:LEU:HD21	1:115:A:ALA:H	16	0.55
(5,2333)	1:107:A:LEU:HD22	1:115:A:ALA:H	16	0.55
(5,2333)	1:107:A:LEU:HD23	1:115:A:ALA:H	16	0.55
(5,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	3	0.55
(5,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	3	0.55
(5,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	3	0.55
(5,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	3	0.55
(5,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	3	0.55
(5,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	3	0.55
(5,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	3	0.55
(5,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	3	0.55
(5,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	3	0.55
(5,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	3	0.55
(5,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	3	0.55
(5,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	3	0.55
(5,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	3	0.55
(5,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	3	0.55
(5,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	3	0.55
(5,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	3	0.55
(5,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	3	0.55
(5,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	3	0.55
(5,2251)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	3	0.55
(5,2251)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	3	0.55
(5,2251)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	3	0.55
(5,2251)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	3	0.55
(5,2214)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	7	0.55
(5,2214)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	7	0.55
(5,2214)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	7	0.55
(5,2214)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	7	0.55
(5,2214)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	7	0.55
(5,2214)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	7	0.55
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD11	5	0.55
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD12	5	0.55
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD13	5	0.55
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD21	5	0.55
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD22	5	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD23	5	0.55
(5,2179)	1:55:A:GLY:H	1:122:A:ASP:HB2	14	0.55
(5,2179)	1:55:A:GLY:H	1:122:A:ASP:HB3	14	0.55
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD11	3	0.55
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD12	3	0.55
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD13	3	0.55
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD21	3	0.55
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD22	3	0.55
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD23	3	0.55
(5,1997)	1:16:A:SER:H	1:131:A:LEU:HD11	8	0.55
(5,1997)	1:16:A:SER:H	1:131:A:LEU:HD12	8	0.55
(5,1997)	1:16:A:SER:H	1:131:A:LEU:HD13	8	0.55
(5,1997)	1:16:A:SER:H	1:131:A:LEU:HD21	8	0.55
(5,1997)	1:16:A:SER:H	1:131:A:LEU:HD22	8	0.55
(5,1997)	1:16:A:SER:H	1:131:A:LEU:HD23	8	0.55
(5,1748)	1:150:A:THR:HG21	1:151:A:PHE:HA	5	0.55
(5,1748)	1:150:A:THR:HG22	1:151:A:PHE:HA	5	0.55
(5,1748)	1:150:A:THR:HG23	1:151:A:PHE:HA	5	0.55
(5,1733)	1:67:A:PRO:HD2	1:95:A:ILE:HA	11	0.55
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	3	0.55
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	3	0.55
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	3	0.55
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	3	0.55
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB2	4	0.55
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB3	4	0.55
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB2	12	0.55
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB3	12	0.55
(5,1548)	1:69:A:MET:HE1	1:112:A:GLN:HG2	11	0.55
(5,1548)	1:69:A:MET:HE1	1:112:A:GLN:HG3	11	0.55
(5,1548)	1:69:A:MET:HE2	1:112:A:GLN:HG2	11	0.55
(5,1548)	1:69:A:MET:HE2	1:112:A:GLN:HG3	11	0.55
(5,1548)	1:69:A:MET:HE3	1:112:A:GLN:HG2	11	0.55
(5,1548)	1:69:A:MET:HE3	1:112:A:GLN:HG3	11	0.55
(5,1536)	1:69:A:MET:HE1	1:113:A:PHE:HE1	8	0.55
(5,1536)	1:69:A:MET:HE1	1:113:A:PHE:HE2	8	0.55
(5,1536)	1:69:A:MET:HE2	1:113:A:PHE:HE1	8	0.55
(5,1536)	1:69:A:MET:HE2	1:113:A:PHE:HE2	8	0.55
(5,1536)	1:69:A:MET:HE3	1:113:A:PHE:HE1	8	0.55
(5,1536)	1:69:A:MET:HE3	1:113:A:PHE:HE2	8	0.55
(5,1296)	1:14:A:VAL:HG21	1:60:A:LEU:H	3	0.55
(5,1296)	1:14:A:VAL:HG22	1:60:A:LEU:H	3	0.55
(5,1296)	1:14:A:VAL:HG23	1:60:A:LEU:H	3	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1068)	1:13:A:ALA:HB1	1:79:A:THR:HA	19	0.55
(5,1068)	1:13:A:ALA:HB2	1:79:A:THR:HA	19	0.55
(5,1068)	1:13:A:ALA:HB3	1:79:A:THR:HA	19	0.55
(5,1051)	1:11:A:ILE:HA	1:14:A:VAL:HB	8	0.55
(5,963)	1:11:A:ILE:HD11	1:43:A:MET:HB3	14	0.55
(5,963)	1:11:A:ILE:HD12	1:43:A:MET:HB3	14	0.55
(5,963)	1:11:A:ILE:HD13	1:43:A:MET:HB3	14	0.55
(5,782)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	1	0.55
(5,782)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	1	0.55
(5,782)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	1	0.55
(5,641)	1:66:A:THR:H	1:70:A:LYS:H	14	0.55
(5,366)	1:41:A:LYS:H	1:44:A:GLU:HB2	6	0.55
(5,366)	1:41:A:LYS:H	1:44:A:GLU:HB3	6	0.55
(5,320)	1:140:A:LEU:H	1:140:A:LEU:HG	8	0.55
(5,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	7	0.55
(5,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	7	0.55
(5,161)	1:94:A:ALA:HB1	1:95:A:ILE:H	6	0.55
(5,161)	1:94:A:ALA:HB2	1:95:A:ILE:H	6	0.55
(5,161)	1:94:A:ALA:HB3	1:95:A:ILE:H	6	0.55
(5,39)	1:43:A:MET:HA	1:47:A:ALA:H	19	0.55
(5,15)	1:64:A:LYS:H	1:64:A:LYS:HD2	11	0.55
(5,15)	1:64:A:LYS:H	1:64:A:LYS:HD3	11	0.55
(4,2244)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	3	0.55
(4,2244)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	3	0.55
(4,2244)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	3	0.55
(4,2244)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	3	0.55
(4,2211)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	7	0.55
(4,2211)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	7	0.55
(4,2211)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	7	0.55
(4,2211)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	7	0.55
(4,2211)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	7	0.55
(4,2211)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	7	0.55
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	18	0.55
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	18	0.55
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	18	0.55
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG21	18	0.55
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG22	18	0.55
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG23	18	0.55
(4,2045)	1:27:A:ARG:HB2	1:27:A:ARG:HE	12	0.55
(4,2045)	1:27:A:ARG:HB3	1:27:A:ARG:HE	12	0.55
(4,2036)	1:23:A:LEU:HD11	1:25:A:ALA:H	18	0.55
(4,2036)	1:23:A:LEU:HD12	1:25:A:ALA:H	18	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2036)	1:23:A:LEU:HD13	1:25:A:ALA:H	18	0.55
(4,2036)	1:23:A:LEU:HD21	1:25:A:ALA:H	18	0.55
(4,2036)	1:23:A:LEU:HD22	1:25:A:ALA:H	18	0.55
(4,2036)	1:23:A:LEU:HD23	1:25:A:ALA:H	18	0.55
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG11	10	0.55
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG12	10	0.55
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG13	10	0.55
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG21	10	0.55
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG22	10	0.55
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG23	10	0.55
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	5	0.55
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	5	0.55
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	5	0.55
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	5	0.55
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	5	0.55
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	5	0.55
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	5	0.55
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	5	0.55
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	5	0.55
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	5	0.55
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	5	0.55
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	5	0.55
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	5	0.55
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	5	0.55
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	5	0.55
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	5	0.55
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	5	0.55
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	5	0.55
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	5	0.55
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	5	0.55
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	5	0.55
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	5	0.55
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	5	0.55
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	5	0.55
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	5	0.55
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	5	0.55
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	5	0.55
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	5	0.55
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	5	0.55
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	5	0.55
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	5	0.55
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	5	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	5	0.55
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	5	0.55
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	5	0.55
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	5	0.55
(4,1923)	1:10:A:ASN:HB2	1:61:A:SER:HB2	15	0.55
(4,1923)	1:10:A:ASN:HB2	1:61:A:SER:HB3	15	0.55
(4,1923)	1:10:A:ASN:HB3	1:61:A:SER:HB2	15	0.55
(4,1923)	1:10:A:ASN:HB3	1:61:A:SER:HB3	15	0.55
(4,1871)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	14	0.55
(4,1871)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	14	0.55
(4,1843)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	15	0.55
(4,1843)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	15	0.55
(4,1831)	1:9:A:PHE:HZ	1:11:A:ILE:HA	16	0.55
(4,1826)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	18	0.55
(4,1826)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	18	0.55
(4,1826)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	18	0.55
(4,1826)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	18	0.55
(4,1826)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	18	0.55
(4,1826)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	18	0.55
(4,1804)	1:9:A:PHE:HZ	1:54:A:ARG:HA	14	0.55
(4,1664)	1:69:A:MET:HG3	1:109:A:PRO:HA	5	0.55
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE1	10	0.55
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE2	10	0.55
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE3	10	0.55
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	12	0.55
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	12	0.55
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	12	0.55
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	12	0.55
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	12	0.55
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	12	0.55
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	14	0.55
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	14	0.55
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	14	0.55
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	14	0.55
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	14	0.55
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	14	0.55
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	15	0.55
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	15	0.55
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	15	0.55
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	15	0.55
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	15	0.55
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	15	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1230)	1:23:A:LEU:HD11	1:24:A:ASP:H	1	0.55
(4,1230)	1:23:A:LEU:HD12	1:24:A:ASP:H	1	0.55
(4,1230)	1:23:A:LEU:HD13	1:24:A:ASP:H	1	0.55
(4,1212)	1:21:A:THR:HG21	1:23:A:LEU:HA	5	0.55
(4,1212)	1:21:A:THR:HG22	1:23:A:LEU:HA	5	0.55
(4,1212)	1:21:A:THR:HG23	1:23:A:LEU:HA	5	0.55
(4,1185)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	17	0.55
(4,1185)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	17	0.55
(4,1185)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	17	0.55
(4,1185)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	17	0.55
(4,1185)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	17	0.55
(4,1185)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	17	0.55
(4,1185)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	19	0.55
(4,1185)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	19	0.55
(4,1185)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	19	0.55
(4,1185)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	19	0.55
(4,1185)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	19	0.55
(4,1185)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	19	0.55
(4,940)	1:11:A:ILE:HD11	1:12:A:VAL:HA	7	0.55
(4,940)	1:11:A:ILE:HD12	1:12:A:VAL:HA	7	0.55
(4,940)	1:11:A:ILE:HD13	1:12:A:VAL:HA	7	0.55
(4,838)	1:48:A:ARG:HA	1:48:A:ARG:HD2	17	0.55
(4,838)	1:48:A:ARG:HA	1:48:A:ARG:HD3	17	0.55
(4,815)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	19	0.55
(4,815)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	19	0.55
(4,815)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	19	0.55
(4,573)	1:128:A:LEU:HD21	1:130:A:GLY:H	15	0.55
(4,573)	1:128:A:LEU:HD22	1:130:A:GLY:H	15	0.55
(4,573)	1:128:A:LEU:HD23	1:130:A:GLY:H	15	0.55
(4,479)	1:98:A:ILE:H	1:105:A:LYS:H	3	0.55
(4,362)	1:41:A:LYS:H	1:44:A:GLU:HB2	16	0.55
(4,362)	1:41:A:LYS:H	1:44:A:GLU:HB3	16	0.55
(4,66)	1:81:A:GLU:H	1:81:A:GLU:HG2	16	0.55
(4,66)	1:81:A:GLU:H	1:81:A:GLU:HG3	16	0.55
(4,43)	1:98:A:ILE:H	1:104:A:PHE:HB2	12	0.55
(3,2442)	1:129:A:LYS:HB2	1:133:A:ASN:HB2	2	0.55
(3,2442)	1:129:A:LYS:HB2	1:133:A:ASN:HB3	2	0.55
(3,2442)	1:129:A:LYS:HB3	1:133:A:ASN:HB2	2	0.55
(3,2442)	1:129:A:LYS:HB3	1:133:A:ASN:HB3	2	0.55
(3,1999)	1:12:A:VAL:HG11	1:43:A:MET:H	4	0.55
(3,1999)	1:12:A:VAL:HG12	1:43:A:MET:H	4	0.55
(3,1999)	1:12:A:VAL:HG13	1:43:A:MET:H	4	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1999)	1:12:A:VAL:HG21	1:43:A:MET:H	4	0.55
(3,1999)	1:12:A:VAL:HG22	1:43:A:MET:H	4	0.55
(3,1999)	1:12:A:VAL:HG23	1:43:A:MET:H	4	0.55
(3,1999)	1:12:A:VAL:HG11	1:43:A:MET:H	9	0.55
(3,1999)	1:12:A:VAL:HG12	1:43:A:MET:H	9	0.55
(3,1999)	1:12:A:VAL:HG13	1:43:A:MET:H	9	0.55
(3,1999)	1:12:A:VAL:HG21	1:43:A:MET:H	9	0.55
(3,1999)	1:12:A:VAL:HG22	1:43:A:MET:H	9	0.55
(3,1999)	1:12:A:VAL:HG23	1:43:A:MET:H	9	0.55
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG2	1	0.55
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG3	1	0.55
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG2	1	0.55
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG3	1	0.55
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG2	1	0.55
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG3	1	0.55
(3,1972)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	15	0.55
(3,1972)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	15	0.55
(3,1972)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	15	0.55
(3,1972)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	15	0.55
(3,1966)	1:10:A:ASN:HB2	1:61:A:SER:HB2	15	0.55
(3,1966)	1:10:A:ASN:HB2	1:61:A:SER:HB3	15	0.55
(3,1966)	1:10:A:ASN:HB3	1:61:A:SER:HB2	15	0.55
(3,1966)	1:10:A:ASN:HB3	1:61:A:SER:HB3	15	0.55
(3,1940)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	7	0.55
(3,1923)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	14	0.55
(3,1923)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	14	0.55
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE1	16	0.55
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE2	16	0.55
(3,1742)	1:67:A:PRO:HD2	1:95:A:ILE:HA	11	0.55
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE1	2	0.55
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE2	2	0.55
(3,1538)	1:11:A:ILE:HD11	1:43:A:MET:HE3	2	0.55
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE1	2	0.55
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE2	2	0.55
(3,1538)	1:11:A:ILE:HD12	1:43:A:MET:HE3	2	0.55
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE1	2	0.55
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE2	2	0.55
(3,1538)	1:11:A:ILE:HD13	1:43:A:MET:HE3	2	0.55
(3,1495)	1:67:A:PRO:HD3	1:95:A:ILE:HA	16	0.55
(3,1092)	1:44:A:GLU:HA	1:48:A:ARG:HB2	13	0.55
(3,1092)	1:44:A:GLU:HA	1:48:A:ARG:HB3	13	0.55
(3,1000)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	5	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1000)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	5	0.55
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	3	0.55
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	3	0.55
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	3	0.55
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	3	0.55
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	3	0.55
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	3	0.55
(3,840)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	4	0.55
(3,840)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	4	0.55
(3,840)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	4	0.55
(3,840)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	4	0.55
(3,840)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	4	0.55
(3,840)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	4	0.55
(3,375)	1:41:A:LYS:H	1:44:A:GLU:HB2	6	0.55
(3,375)	1:41:A:LYS:H	1:44:A:GLU:HB3	6	0.55
(3,362)	1:23:A:LEU:HB2	1:26:A:ASP:H	10	0.55
(3,362)	1:23:A:LEU:HB3	1:26:A:ASP:H	10	0.55
(3,175)	1:8:A:ASP:H	1:58:A:ILE:HG13	4	0.55
(3,175)	1:8:A:ASP:H	1:58:A:ILE:HG13	11	0.55
(3,17)	1:64:A:LYS:H	1:64:A:LYS:HD2	11	0.55
(3,17)	1:64:A:LYS:H	1:64:A:LYS:HD3	11	0.55
(2,2471)	1:145:A:PRO:HB2	1:148:A:CYS:HB2	8	0.55
(2,2471)	1:145:A:PRO:HB2	1:148:A:CYS:HB3	8	0.55
(2,2357)	1:107:A:LEU:HD11	1:115:A:ALA:H	16	0.55
(2,2357)	1:107:A:LEU:HD12	1:115:A:ALA:H	16	0.55
(2,2357)	1:107:A:LEU:HD13	1:115:A:ALA:H	16	0.55
(2,2357)	1:107:A:LEU:HD21	1:115:A:ALA:H	16	0.55
(2,2357)	1:107:A:LEU:HD22	1:115:A:ALA:H	16	0.55
(2,2357)	1:107:A:LEU:HD23	1:115:A:ALA:H	16	0.55
(2,2276)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	3	0.55
(2,2276)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	3	0.55
(2,2276)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	3	0.55
(2,2276)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	3	0.55
(2,2227)	1:60:A:LEU:HG	1:61:A:SER:HB2	19	0.55
(2,2227)	1:60:A:LEU:HG	1:61:A:SER:HB3	19	0.55
(2,2147)	1:40:A:LEU:HD11	1:45:A:ALA:H	16	0.55
(2,2147)	1:40:A:LEU:HD12	1:45:A:ALA:H	16	0.55
(2,2147)	1:40:A:LEU:HD13	1:45:A:ALA:H	16	0.55
(2,2147)	1:40:A:LEU:HD21	1:45:A:ALA:H	16	0.55
(2,2147)	1:40:A:LEU:HD22	1:45:A:ALA:H	16	0.55
(2,2147)	1:40:A:LEU:HD23	1:45:A:ALA:H	16	0.55
(2,2057)	1:23:A:LEU:HD11	1:26:A:ASP:HA	10	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2057)	1:23:A:LEU:HD12	1:26:A:ASP:HA	10	0.55
(2,2057)	1:23:A:LEU:HD13	1:26:A:ASP:HA	10	0.55
(2,2057)	1:23:A:LEU:HD21	1:26:A:ASP:HA	10	0.55
(2,2057)	1:23:A:LEU:HD22	1:26:A:ASP:HA	10	0.55
(2,2057)	1:23:A:LEU:HD23	1:26:A:ASP:HA	10	0.55
(2,2056)	1:23:A:LEU:HD11	1:25:A:ALA:H	18	0.55
(2,2056)	1:23:A:LEU:HD12	1:25:A:ALA:H	18	0.55
(2,2056)	1:23:A:LEU:HD13	1:25:A:ALA:H	18	0.55
(2,2056)	1:23:A:LEU:HD21	1:25:A:ALA:H	18	0.55
(2,2056)	1:23:A:LEU:HD22	1:25:A:ALA:H	18	0.55
(2,2056)	1:23:A:LEU:HD23	1:25:A:ALA:H	18	0.55
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE1	11	0.55
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE2	11	0.55
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE3	11	0.55
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE1	11	0.55
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE2	11	0.55
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE3	11	0.55
(2,1850)	1:9:A:PHE:HZ	1:54:A:ARG:HA	14	0.55
(2,1811)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	3	0.55
(2,1811)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	3	0.55
(2,1811)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	3	0.55
(2,1811)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	3	0.55
(2,1811)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	3	0.55
(2,1811)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	3	0.55
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB2	9	0.55
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB3	9	0.55
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB2	9	0.55
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB3	9	0.55
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB2	4	0.55
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB3	4	0.55
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB2	12	0.55
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB3	12	0.55
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD21	8	0.55
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD22	8	0.55
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD23	8	0.55
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD11	12	0.55
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD12	12	0.55
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD13	12	0.55
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD21	3	0.55
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD22	3	0.55
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD23	3	0.55
(2,1111)	1:66:A:THR:HG21	1:105:A:LYS:HA	19	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1111)	1:66:A:THR:HG22	1:105:A:LYS:HA	19	0.55
(2,1111)	1:66:A:THR:HG23	1:105:A:LYS:HA	19	0.55
(2,1054)	1:13:A:ALA:HB1	1:79:A:THR:HA	19	0.55
(2,1054)	1:13:A:ALA:HB2	1:79:A:THR:HA	19	0.55
(2,1054)	1:13:A:ALA:HB3	1:79:A:THR:HA	19	0.55
(2,1051)	1:43:A:MET:HB2	1:140:A:LEU:HG	13	0.55
(2,834)	1:103:A:ARG:HA	1:103:A:ARG:HD2	13	0.55
(2,834)	1:103:A:ARG:HA	1:103:A:ARG:HD3	13	0.55
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD21	9	0.55
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD22	9	0.55
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD23	9	0.55
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD21	19	0.55
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD22	19	0.55
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD23	19	0.55
(2,538)	1:60:A:LEU:HD21	1:61:A:SER:H	1	0.55
(2,538)	1:60:A:LEU:HD22	1:61:A:SER:H	1	0.55
(2,538)	1:60:A:LEU:HD23	1:61:A:SER:H	1	0.55
(2,486)	1:98:A:ILE:H	1:105:A:LYS:H	3	0.55
(2,357)	1:23:A:LEU:HB2	1:26:A:ASP:H	10	0.55
(2,357)	1:23:A:LEU:HB3	1:26:A:ASP:H	10	0.55
(2,174)	1:8:A:ASP:H	1:58:A:ILE:HG13	4	0.55
(2,174)	1:8:A:ASP:H	1:58:A:ILE:HG13	11	0.55
(2,92)	1:95:A:ILE:HG21	1:97:A:ASP:H	18	0.55
(2,92)	1:95:A:ILE:HG22	1:97:A:ASP:H	18	0.55
(2,92)	1:95:A:ILE:HG23	1:97:A:ASP:H	18	0.55
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD11	5	0.55
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD12	5	0.55
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD13	5	0.55
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD21	5	0.55
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD22	5	0.55
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD23	5	0.55
(1,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	12	0.55
(1,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	12	0.55
(1,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	12	0.55
(1,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	12	0.55
(1,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	12	0.55
(1,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	12	0.55
(1,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	12	0.55
(1,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	12	0.55
(1,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	12	0.55
(1,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	12	0.55
(1,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	12	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	12	0.55
(1,2211)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	1	0.55
(1,2211)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	1	0.55
(1,2211)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	1	0.55
(1,2211)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	1	0.55
(1,2210)	1:65:A:CYS:HB2	1:70:A:LYS:HA	17	0.55
(1,2210)	1:65:A:CYS:HB3	1:70:A:LYS:HA	17	0.55
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD11	17	0.55
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD12	17	0.55
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD13	17	0.55
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD21	17	0.55
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD22	17	0.55
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD23	17	0.55
(1,1997)	1:17:A:ASN:HB2	1:113:A:PHE:HE1	17	0.55
(1,1997)	1:17:A:ASN:HB2	1:113:A:PHE:HE2	17	0.55
(1,1997)	1:17:A:ASN:HB3	1:113:A:PHE:HE1	17	0.55
(1,1997)	1:17:A:ASN:HB3	1:113:A:PHE:HE2	17	0.55
(1,1990)	1:16:A:SER:H	1:131:A:LEU:HD11	8	0.55
(1,1990)	1:16:A:SER:H	1:131:A:LEU:HD12	8	0.55
(1,1990)	1:16:A:SER:H	1:131:A:LEU:HD13	8	0.55
(1,1990)	1:16:A:SER:H	1:131:A:LEU:HD21	8	0.55
(1,1990)	1:16:A:SER:H	1:131:A:LEU:HD22	8	0.55
(1,1990)	1:16:A:SER:H	1:131:A:LEU:HD23	8	0.55
(1,1915)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	13	0.55
(1,1915)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	13	0.55
(1,1915)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	13	0.55
(1,1915)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	13	0.55
(1,1915)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	13	0.55
(1,1915)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	13	0.55
(1,1911)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	14	0.55
(1,1911)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	14	0.55
(1,1870)	1:9:A:PHE:HZ	1:11:A:ILE:HA	16	0.55
(1,1830)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	18	0.55
(1,1830)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	18	0.55
(1,1804)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	13	0.55
(1,1804)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	13	0.55
(1,1804)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	13	0.55
(1,1804)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	13	0.55
(1,1804)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	13	0.55
(1,1804)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	13	0.55
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE1	2	0.55
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE2	2	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1528)	1:11:A:ILE:HD11	1:43:A:MET:HE3	2	0.55
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE1	2	0.55
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE2	2	0.55
(1,1528)	1:11:A:ILE:HD12	1:43:A:MET:HE3	2	0.55
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE1	2	0.55
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE2	2	0.55
(1,1528)	1:11:A:ILE:HD13	1:43:A:MET:HE3	2	0.55
(1,1219)	1:11:A:ILE:HD11	1:131:A:LEU:HA	17	0.55
(1,1219)	1:11:A:ILE:HD12	1:131:A:LEU:HA	17	0.55
(1,1219)	1:11:A:ILE:HD13	1:131:A:LEU:HA	17	0.55
(1,1095)	1:45:A:ALA:HA	1:48:A:ARG:HG2	2	0.55
(1,1095)	1:45:A:ALA:HA	1:48:A:ARG:HG3	2	0.55
(1,1070)	1:13:A:ALA:HB1	1:79:A:THR:HA	19	0.55
(1,1070)	1:13:A:ALA:HB2	1:79:A:THR:HA	19	0.55
(1,1070)	1:13:A:ALA:HB3	1:79:A:THR:HA	19	0.55
(1,1068)	1:43:A:MET:HB2	1:140:A:LEU:HG	13	0.55
(1,1007)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	15	0.55
(1,1007)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	15	0.55
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG21	1	0.55
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG22	1	0.55
(1,951)	1:66:A:THR:HB	1:95:A:ILE:HG23	1	0.55
(1,852)	1:45:A:ALA:HA	1:48:A:ARG:HD2	10	0.55
(1,852)	1:45:A:ALA:HA	1:48:A:ARG:HD3	10	0.55
(1,849)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	12	0.55
(1,849)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	12	0.55
(1,849)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	12	0.55
(1,849)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	12	0.55
(1,849)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	12	0.55
(1,849)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	12	0.55
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	4	0.55
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	4	0.55
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	4	0.55
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	4	0.55
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	4	0.55
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	4	0.55
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	4	0.55
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	4	0.55
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	4	0.55
(1,648)	1:66:A:THR:H	1:96:A:VAL:H	15	0.55
(1,201)	1:44:A:GLU:H	1:44:A:GLU:HG3	15	0.55
(1,17)	1:64:A:LYS:H	1:64:A:LYS:HD2	11	0.55
(1,17)	1:64:A:LYS:H	1:64:A:LYS:HD3	11	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2338)	1:107:A:LEU:HD11	1:112:A:GLN:HA	16	0.54
(34,2338)	1:107:A:LEU:HD12	1:112:A:GLN:HA	16	0.54
(34,2338)	1:107:A:LEU:HD13	1:112:A:GLN:HA	16	0.54
(34,2338)	1:107:A:LEU:HD21	1:112:A:GLN:HA	16	0.54
(34,2338)	1:107:A:LEU:HD22	1:112:A:GLN:HA	16	0.54
(34,2338)	1:107:A:LEU:HD23	1:112:A:GLN:HA	16	0.54
(34,2270)	1:76:A:ARG:H	1:77:A:CYS:HB2	8	0.54
(34,2270)	1:76:A:ARG:H	1:77:A:CYS:HB3	8	0.54
(34,2241)	1:69:A:MET:HG2	1:109:A:PRO:HA	10	0.54
(34,2241)	1:69:A:MET:HG3	1:109:A:PRO:HA	10	0.54
(34,2148)	1:42:A:GLU:HB2	1:139:A:LEU:HD11	4	0.54
(34,2148)	1:42:A:GLU:HB2	1:139:A:LEU:HD12	4	0.54
(34,2148)	1:42:A:GLU:HB2	1:139:A:LEU:HD13	4	0.54
(34,2148)	1:42:A:GLU:HB2	1:139:A:LEU:HD21	4	0.54
(34,2148)	1:42:A:GLU:HB2	1:139:A:LEU:HD22	4	0.54
(34,2148)	1:42:A:GLU:HB2	1:139:A:LEU:HD23	4	0.54
(34,2148)	1:42:A:GLU:HB3	1:139:A:LEU:HD11	4	0.54
(34,2148)	1:42:A:GLU:HB3	1:139:A:LEU:HD12	4	0.54
(34,2148)	1:42:A:GLU:HB3	1:139:A:LEU:HD13	4	0.54
(34,2148)	1:42:A:GLU:HB3	1:139:A:LEU:HD21	4	0.54
(34,2148)	1:42:A:GLU:HB3	1:139:A:LEU:HD22	4	0.54
(34,2148)	1:42:A:GLU:HB3	1:139:A:LEU:HD23	4	0.54
(34,2141)	1:40:A:LEU:HD11	1:44:A:GLU:HG2	17	0.54
(34,2141)	1:40:A:LEU:HD12	1:44:A:GLU:HG2	17	0.54
(34,2141)	1:40:A:LEU:HD13	1:44:A:GLU:HG2	17	0.54
(34,2141)	1:40:A:LEU:HD21	1:44:A:GLU:HG2	17	0.54
(34,2141)	1:40:A:LEU:HD22	1:44:A:GLU:HG2	17	0.54
(34,2141)	1:40:A:LEU:HD23	1:44:A:GLU:HG2	17	0.54
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	11	0.54
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	11	0.54
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	11	0.54
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	11	0.54
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	11	0.54
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	11	0.54
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	11	0.54
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	11	0.54
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	11	0.54
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	11	0.54
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	11	0.54
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	11	0.54
(34,1982)	1:12:A:VAL:HG11	1:81:A:GLU:H	12	0.54
(34,1982)	1:12:A:VAL:HG12	1:81:A:GLU:H	12	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1982)	1:12:A:VAL:HG13	1:81:A:GLU:H	12	0.54
(34,1982)	1:12:A:VAL:HG21	1:81:A:GLU:H	12	0.54
(34,1982)	1:12:A:VAL:HG22	1:81:A:GLU:H	12	0.54
(34,1982)	1:12:A:VAL:HG23	1:81:A:GLU:H	12	0.54
(34,1905)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	11	0.54
(34,1905)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	11	0.54
(34,1905)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	11	0.54
(34,1905)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	11	0.54
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	8	0.54
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	8	0.54
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	8	0.54
(34,1774)	1:57:A:LEU:HG	1:60:A:LEU:HG	5	0.54
(34,1721)	1:67:A:PRO:HD2	1:95:A:ILE:HA	11	0.54
(34,1661)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	8	0.54
(34,1661)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	8	0.54
(34,1661)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	8	0.54
(34,1595)	1:54:A:ARG:HE	1:58:A:ILE:HD11	3	0.54
(34,1595)	1:54:A:ARG:HE	1:58:A:ILE:HD12	3	0.54
(34,1595)	1:54:A:ARG:HE	1:58:A:ILE:HD13	3	0.54
(34,1555)	1:63:A:ILE:HG21	1:116:A:GLN:HE21	17	0.54
(34,1555)	1:63:A:ILE:HG22	1:116:A:GLN:HE21	17	0.54
(34,1555)	1:63:A:ILE:HG23	1:116:A:GLN:HE21	17	0.54
(34,1473)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	3	0.54
(34,1473)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	3	0.54
(34,1473)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	3	0.54
(34,1282)	1:23:A:LEU:HD11	1:24:A:ASP:H	5	0.54
(34,1282)	1:23:A:LEU:HD12	1:24:A:ASP:H	5	0.54
(34,1282)	1:23:A:LEU:HD13	1:24:A:ASP:H	5	0.54
(34,1282)	1:23:A:LEU:HD11	1:24:A:ASP:H	10	0.54
(34,1282)	1:23:A:LEU:HD12	1:24:A:ASP:H	10	0.54
(34,1282)	1:23:A:LEU:HD13	1:24:A:ASP:H	10	0.54
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD11	12	0.54
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD12	12	0.54
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD13	12	0.54
(34,988)	1:138:A:ASP:HA	1:141:A:LYS:HB2	13	0.54
(34,988)	1:138:A:ASP:HA	1:141:A:LYS:HB3	13	0.54
(34,911)	1:94:A:ALA:HA	1:95:A:ILE:HB	15	0.54
(34,823)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	16	0.54
(34,823)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	16	0.54
(34,823)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	16	0.54
(34,649)	1:66:A:THR:H	1:69:A:MET:HA	19	0.54
(34,509)	1:105:A:LYS:H	1:105:A:LYS:HD2	5	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,509)	1:105:A:LYS:H	1:105:A:LYS:HD3	5	0.54
(34,316)	1:64:A:LYS:HD2	1:65:A:CYS:H	4	0.54
(34,316)	1:64:A:LYS:HD3	1:65:A:CYS:H	4	0.54
(34,221)	1:110:A:MET:HG2	1:114:A:ILE:H	17	0.54
(34,221)	1:110:A:MET:HG3	1:114:A:ILE:H	17	0.54
(34,126)	1:79:A:THR:HB	1:80:A:TYR:H	12	0.54
(33,2281)	1:76:A:ARG:H	1:77:A:CYS:HB2	8	0.54
(33,2281)	1:76:A:ARG:H	1:77:A:CYS:HB3	8	0.54
(33,2264)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	13	0.54
(33,2264)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	13	0.54
(33,2264)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	13	0.54
(33,2264)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	13	0.54
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD11	18	0.54
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD12	18	0.54
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD13	18	0.54
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD21	18	0.54
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD22	18	0.54
(33,2047)	1:27:A:ARG:HA	1:30:A:LEU:HD23	18	0.54
(33,1937)	1:10:A:ASN:HB2	1:61:A:SER:HA	11	0.54
(33,1937)	1:10:A:ASN:HB3	1:61:A:SER:HA	11	0.54
(33,1913)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	13	0.54
(33,1897)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	11	0.54
(33,1897)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	11	0.54
(33,1897)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	11	0.54
(33,1897)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	11	0.54
(33,1846)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	18	0.54
(33,1846)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	18	0.54
(33,1846)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	18	0.54
(33,1846)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	18	0.54
(33,1846)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	18	0.54
(33,1846)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	18	0.54
(33,1795)	1:9:A:PHE:HD1	1:11:A:ILE:HB	7	0.54
(33,1795)	1:9:A:PHE:HD2	1:11:A:ILE:HB	7	0.54
(33,1761)	1:57:A:LEU:HG	1:60:A:LEU:HG	5	0.54
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD21	9	0.54
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD22	9	0.54
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD23	9	0.54
(33,1692)	1:43:A:MET:HE1	1:137:A:SER:H	19	0.54
(33,1692)	1:43:A:MET:HE2	1:137:A:SER:H	19	0.54
(33,1692)	1:43:A:MET:HE3	1:137:A:SER:H	19	0.54
(33,1648)	1:69:A:MET:HE1	1:116:A:GLN:HE22	19	0.54
(33,1648)	1:69:A:MET:HE2	1:116:A:GLN:HE22	19	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1648)	1:69:A:MET:HE3	1:116:A:GLN:HE22	19	0.54
(33,1643)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	8	0.54
(33,1643)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	8	0.54
(33,1643)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	8	0.54
(33,1643)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	8	0.54
(33,1643)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	8	0.54
(33,1643)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	8	0.54
(33,1643)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	8	0.54
(33,1643)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	8	0.54
(33,1643)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	8	0.54
(33,1531)	1:63:A:ILE:HG21	1:116:A:GLN:HE21	17	0.54
(33,1531)	1:63:A:ILE:HG22	1:116:A:GLN:HE21	17	0.54
(33,1531)	1:63:A:ILE:HG23	1:116:A:GLN:HE21	17	0.54
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	11	0.54
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	11	0.54
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	11	0.54
(33,1455)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	16	0.54
(33,1455)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	16	0.54
(33,1455)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	16	0.54
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG11	3	0.54
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG12	3	0.54
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG13	3	0.54
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	19	0.54
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	19	0.54
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	19	0.54
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD11	12	0.54
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD12	12	0.54
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD13	12	0.54
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB1	19	0.54
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB2	19	0.54
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB3	19	0.54
(33,1003)	1:98:A:ILE:HB	1:105:A:LYS:HB2	4	0.54
(33,1003)	1:98:A:ILE:HB	1:105:A:LYS:HB3	4	0.54
(33,997)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	7	0.54
(33,997)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	7	0.54
(33,926)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	9	0.54
(33,926)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	9	0.54
(33,926)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	9	0.54
(33,820)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	8	0.54
(33,820)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	8	0.54
(33,820)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	8	0.54
(33,819)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	16	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,819)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	16	0.54
(33,819)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	16	0.54
(33,802)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	17	0.54
(33,802)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	17	0.54
(33,802)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	17	0.54
(33,642)	1:66:A:THR:H	1:69:A:MET:HA	19	0.54
(33,572)	1:11:A:ILE:HD11	1:16:A:SER:H	4	0.54
(33,572)	1:11:A:ILE:HD12	1:16:A:SER:H	4	0.54
(33,572)	1:11:A:ILE:HD13	1:16:A:SER:H	4	0.54
(33,310)	1:64:A:LYS:HD2	1:65:A:CYS:H	4	0.54
(33,310)	1:64:A:LYS:HD3	1:65:A:CYS:H	4	0.54
(33,214)	1:110:A:MET:HG2	1:114:A:ILE:H	17	0.54
(33,214)	1:110:A:MET:HG3	1:114:A:ILE:H	17	0.54
(33,121)	1:79:A:THR:HB	1:80:A:TYR:H	12	0.54
(32,2470)	1:140:A:LEU:HD11	1:144:A:LEU:H	13	0.54
(32,2470)	1:140:A:LEU:HD12	1:144:A:LEU:H	13	0.54
(32,2470)	1:140:A:LEU:HD13	1:144:A:LEU:H	13	0.54
(32,2470)	1:140:A:LEU:HD21	1:144:A:LEU:H	13	0.54
(32,2470)	1:140:A:LEU:HD22	1:144:A:LEU:H	13	0.54
(32,2470)	1:140:A:LEU:HD23	1:144:A:LEU:H	13	0.54
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG11	1	0.54
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG12	1	0.54
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG13	1	0.54
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG21	1	0.54
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG22	1	0.54
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG23	1	0.54
(32,2267)	1:76:A:ARG:H	1:77:A:CYS:HB2	8	0.54
(32,2267)	1:76:A:ARG:H	1:77:A:CYS:HB3	8	0.54
(32,2173)	1:54:A:ARG:HA	1:57:A:LEU:HD11	9	0.54
(32,2173)	1:54:A:ARG:HA	1:57:A:LEU:HD12	9	0.54
(32,2173)	1:54:A:ARG:HA	1:57:A:LEU:HD13	9	0.54
(32,2173)	1:54:A:ARG:HA	1:57:A:LEU:HD21	9	0.54
(32,2173)	1:54:A:ARG:HA	1:57:A:LEU:HD22	9	0.54
(32,2173)	1:54:A:ARG:HA	1:57:A:LEU:HD23	9	0.54
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD11	6	0.54
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD12	6	0.54
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD13	6	0.54
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD21	6	0.54
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD22	6	0.54
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD23	6	0.54
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD11	6	0.54
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD12	6	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD13	6	0.54
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD21	6	0.54
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD22	6	0.54
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD23	6	0.54
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD11	5	0.54
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD12	5	0.54
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD13	5	0.54
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD21	5	0.54
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD22	5	0.54
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD23	5	0.54
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD11	5	0.54
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD12	5	0.54
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD13	5	0.54
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD21	5	0.54
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD22	5	0.54
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD23	5	0.54
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD11	18	0.54
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD12	18	0.54
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD13	18	0.54
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD21	18	0.54
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD22	18	0.54
(32,2016)	1:27:A:ARG:HA	1:30:A:LEU:HD23	18	0.54
(32,1908)	1:10:A:ASN:HB2	1:61:A:SER:HA	11	0.54
(32,1908)	1:10:A:ASN:HB3	1:61:A:SER:HA	11	0.54
(32,1869)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	8	0.54
(32,1869)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	8	0.54
(32,1869)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	8	0.54
(32,1869)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	8	0.54
(32,1726)	1:57:A:LEU:HG	1:60:A:LEU:HG	5	0.54
(32,1553)	1:63:A:ILE:HG21	1:116:A:GLN:HE21	17	0.54
(32,1553)	1:63:A:ILE:HG22	1:116:A:GLN:HE21	17	0.54
(32,1553)	1:63:A:ILE:HG23	1:116:A:GLN:HE21	17	0.54
(32,1507)	1:46:A:ASN:HB3	1:134:A:VAL:HB	9	0.54
(32,1206)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	6	0.54
(32,1206)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	6	0.54
(32,1206)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	6	0.54
(32,966)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	7	0.54
(32,966)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	7	0.54
(32,917)	1:11:A:ILE:HD11	1:12:A:VAL:HA	2	0.54
(32,917)	1:11:A:ILE:HD12	1:12:A:VAL:HA	2	0.54
(32,917)	1:11:A:ILE:HD13	1:12:A:VAL:HA	2	0.54
(32,792)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	7	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,792)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	7	0.54
(32,792)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	7	0.54
(32,628)	1:66:A:THR:H	1:69:A:MET:HA	19	0.54
(32,208)	1:110:A:MET:HG2	1:114:A:ILE:H	17	0.54
(32,208)	1:110:A:MET:HG3	1:114:A:ILE:H	17	0.54
(32,120)	1:79:A:THR:HB	1:80:A:TYR:H	12	0.54
(32,62)	1:81:A:GLU:H	1:81:A:GLU:HB3	8	0.54
(32,62)	1:81:A:GLU:H	1:81:A:GLU:HB3	12	0.54
(32,49)	1:98:A:ILE:H	1:101:A:ILE:HG13	7	0.54
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD11	11	0.54
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD12	11	0.54
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD13	11	0.54
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD21	11	0.54
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD22	11	0.54
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD23	11	0.54
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	10	0.54
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	10	0.54
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	10	0.54
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	10	0.54
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	10	0.54
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	10	0.54
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE1	14	0.54
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE2	14	0.54
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE1	14	0.54
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE2	14	0.54
(30,1948)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	3	0.54
(30,1948)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	3	0.54
(30,1948)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	3	0.54
(30,1948)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	3	0.54
(30,1948)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	3	0.54
(30,1948)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	3	0.54
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	8	0.54
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	8	0.54
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	8	0.54
(30,1807)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	5	0.54
(30,1807)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	5	0.54
(30,1767)	1:57:A:LEU:HG	1:60:A:LEU:HG	5	0.54
(30,1766)	1:39:A:VAL:HG21	1:144:A:LEU:H	16	0.54
(30,1766)	1:39:A:VAL:HG22	1:144:A:LEU:H	16	0.54
(30,1766)	1:39:A:VAL:HG23	1:144:A:LEU:H	16	0.54
(30,1537)	1:63:A:ILE:HG21	1:116:A:GLN:HE21	17	0.54
(30,1537)	1:63:A:ILE:HG22	1:116:A:GLN:HE21	17	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1537)	1:63:A:ILE:HG23	1:116:A:GLN:HE21	17	0.54
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	11	0.54
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	11	0.54
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	11	0.54
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	3	0.54
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	3	0.54
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	3	0.54
(30,1359)	1:39:A:VAL:HG11	1:144:A:LEU:H	14	0.54
(30,1359)	1:39:A:VAL:HG12	1:144:A:LEU:H	14	0.54
(30,1359)	1:39:A:VAL:HG13	1:144:A:LEU:H	14	0.54
(30,1242)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	12	0.54
(30,1242)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	12	0.54
(30,1242)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	12	0.54
(30,1242)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	12	0.54
(30,1242)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	12	0.54
(30,1242)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	12	0.54
(30,987)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	7	0.54
(30,987)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	7	0.54
(30,919)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	2	0.54
(30,919)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	2	0.54
(30,919)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	2	0.54
(30,919)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	2	0.54
(30,919)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	2	0.54
(30,919)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	2	0.54
(30,918)	1:125:A:THR:HB	1:129:A:LYS:HG2	2	0.54
(30,813)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	16	0.54
(30,813)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	16	0.54
(30,813)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	16	0.54
(30,640)	1:66:A:THR:H	1:69:A:MET:HA	19	0.54
(30,217)	1:110:A:MET:HG2	1:114:A:ILE:H	17	0.54
(30,217)	1:110:A:MET:HG3	1:114:A:ILE:H	17	0.54
(29,2263)	1:76:A:ARG:H	1:77:A:CYS:HB2	8	0.54
(29,2263)	1:76:A:ARG:H	1:77:A:CYS:HB3	8	0.54
(29,2080)	1:35:A:LEU:H	1:35:A:LEU:HD11	6	0.54
(29,2080)	1:35:A:LEU:H	1:35:A:LEU:HD12	6	0.54
(29,2080)	1:35:A:LEU:H	1:35:A:LEU:HD13	6	0.54
(29,2080)	1:35:A:LEU:H	1:35:A:LEU:HD21	6	0.54
(29,2080)	1:35:A:LEU:H	1:35:A:LEU:HD22	6	0.54
(29,2080)	1:35:A:LEU:H	1:35:A:LEU:HD23	6	0.54
(29,2056)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	3	0.54
(29,2056)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	3	0.54
(29,2056)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	3	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2056)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	3	0.54
(29,2056)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	3	0.54
(29,2056)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	3	0.54
(29,2056)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	3	0.54
(29,2056)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	3	0.54
(29,2056)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	3	0.54
(29,2056)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	3	0.54
(29,2056)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	3	0.54
(29,2056)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	3	0.54
(29,1990)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	12	0.54
(29,1990)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	12	0.54
(29,1990)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	12	0.54
(29,1990)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	12	0.54
(29,1990)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	12	0.54
(29,1990)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	12	0.54
(29,1990)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	12	0.54
(29,1990)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	12	0.54
(29,1990)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	12	0.54
(29,1990)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	12	0.54
(29,1990)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	12	0.54
(29,1990)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	12	0.54
(29,1990)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	12	0.54
(29,1990)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	12	0.54
(29,1990)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	12	0.54
(29,1990)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	12	0.54
(29,1990)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	12	0.54
(29,1990)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	12	0.54
(29,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HB	14	0.54
(29,1978)	1:11:A:ILE:HG13	1:14:A:VAL:HB	14	0.54
(29,1807)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	14	0.54
(29,1807)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	14	0.54
(29,1807)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	14	0.54
(29,1807)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	14	0.54
(29,1784)	1:39:A:VAL:HG21	1:144:A:LEU:H	16	0.54
(29,1784)	1:39:A:VAL:HG22	1:144:A:LEU:H	16	0.54
(29,1784)	1:39:A:VAL:HG23	1:144:A:LEU:H	16	0.54
(29,1680)	1:69:A:MET:HE1	1:116:A:GLN:HG3	2	0.54
(29,1680)	1:69:A:MET:HE2	1:116:A:GLN:HG3	2	0.54
(29,1680)	1:69:A:MET:HE3	1:116:A:GLN:HG3	2	0.54
(29,1605)	1:63:A:ILE:HG21	1:116:A:GLN:HE21	17	0.54
(29,1605)	1:63:A:ILE:HG22	1:116:A:GLN:HE21	17	0.54
(29,1605)	1:63:A:ILE:HG23	1:116:A:GLN:HE21	17	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1464)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	16	0.54
(29,1464)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	16	0.54
(29,1464)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	16	0.54
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	3	0.54
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	3	0.54
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	3	0.54
(29,1372)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	8	0.54
(29,1372)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	8	0.54
(29,1372)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	8	0.54
(29,1369)	1:39:A:VAL:HG11	1:144:A:LEU:H	14	0.54
(29,1369)	1:39:A:VAL:HG12	1:144:A:LEU:H	14	0.54
(29,1369)	1:39:A:VAL:HG13	1:144:A:LEU:H	14	0.54
(29,1138)	1:40:A:LEU:HA	1:44:A:GLU:HB2	10	0.54
(29,1138)	1:40:A:LEU:HA	1:44:A:GLU:HB3	10	0.54
(29,933)	1:125:A:THR:HB	1:129:A:LYS:HG2	2	0.54
(29,831)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	16	0.54
(29,831)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	16	0.54
(29,831)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	16	0.54
(29,221)	1:110:A:MET:HG2	1:114:A:ILE:H	17	0.54
(29,221)	1:110:A:MET:HG3	1:114:A:ILE:H	17	0.54
(29,127)	1:79:A:THR:HB	1:80:A:TYR:H	12	0.54
(23,18)	1:119:A:LEU:N	1:115:A:ALA:O	3	0.54
(23,18)	1:119:A:LEU:N	1:115:A:ALA:O	9	0.54
(23,16)	1:117:A:VAL:N	1:113:A:PHE:O	11	0.54
(23,15)	1:116:A:GLN:N	1:112:A:GLN:O	17	0.54
(23,7)	1:60:A:LEU:N	1:56:A:CYS:O	3	0.54
(22,40)	1:128:A:LEU:N	1:124:A:THR:C	5	0.54
(22,34)	1:118:A:ASP:N	1:114:A:ILE:C	11	0.54
(22,34)	1:118:A:ASP:N	1:114:A:ILE:C	14	0.54
(22,10)	1:58:A:ILE:N	1:54:A:ARG:C	4	0.54
(22,8)	1:45:A:ALA:N	1:41:A:LYS:C	16	0.54
(19,11)	1:127:A:CYS:SG	1:56:A:CYS:CB	5	0.54
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB1	10	0.54
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB2	10	0.54
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB3	10	0.54
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB1	10	0.54
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB2	10	0.54
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB3	10	0.54
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB1	10	0.54
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB2	10	0.54
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB3	10	0.54
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB1	10	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB2	10	0.54
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB3	10	0.54
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB1	10	0.54
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB2	10	0.54
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB3	10	0.54
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB1	10	0.54
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB2	10	0.54
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB3	10	0.54
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD11	10	0.54
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD12	10	0.54
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD13	10	0.54
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD21	10	0.54
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD22	10	0.54
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD23	10	0.54
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD11	3	0.54
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD12	3	0.54
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD13	3	0.54
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD21	3	0.54
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD22	3	0.54
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD23	3	0.54
(18,2055)	1:31:A:PRO:HB2	1:35:A:LEU:HD11	3	0.54
(18,2055)	1:31:A:PRO:HB2	1:35:A:LEU:HD12	3	0.54
(18,2055)	1:31:A:PRO:HB2	1:35:A:LEU:HD13	3	0.54
(18,2055)	1:31:A:PRO:HB2	1:35:A:LEU:HD21	3	0.54
(18,2055)	1:31:A:PRO:HB2	1:35:A:LEU:HD22	3	0.54
(18,2055)	1:31:A:PRO:HB2	1:35:A:LEU:HD23	3	0.54
(18,2055)	1:31:A:PRO:HB3	1:35:A:LEU:HD11	3	0.54
(18,2055)	1:31:A:PRO:HB3	1:35:A:LEU:HD12	3	0.54
(18,2055)	1:31:A:PRO:HB3	1:35:A:LEU:HD13	3	0.54
(18,2055)	1:31:A:PRO:HB3	1:35:A:LEU:HD21	3	0.54
(18,2055)	1:31:A:PRO:HB3	1:35:A:LEU:HD22	3	0.54
(18,2055)	1:31:A:PRO:HB3	1:35:A:LEU:HD23	3	0.54
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	11	0.54
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	11	0.54
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	11	0.54
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	11	0.54
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	11	0.54
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	11	0.54
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	11	0.54
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	11	0.54
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	11	0.54
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	11	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	11	0.54
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	11	0.54
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD11	4	0.54
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD12	4	0.54
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD13	4	0.54
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD21	4	0.54
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD22	4	0.54
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD23	4	0.54
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD11	4	0.54
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD12	4	0.54
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD13	4	0.54
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD21	4	0.54
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD22	4	0.54
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD23	4	0.54
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD11	14	0.54
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD12	14	0.54
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD13	14	0.54
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD21	14	0.54
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD22	14	0.54
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD23	14	0.54
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD11	14	0.54
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD12	14	0.54
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD13	14	0.54
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD21	14	0.54
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD22	14	0.54
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD23	14	0.54
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	17	0.54
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	17	0.54
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	17	0.54
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	17	0.54
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	17	0.54
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	17	0.54
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	17	0.54
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	17	0.54
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	17	0.54
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	17	0.54
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	17	0.54
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	17	0.54
(18,1956)	1:11:A:ILE:HG12	1:57:A:LEU:HB2	15	0.54
(18,1956)	1:11:A:ILE:HG12	1:57:A:LEU:HB3	15	0.54
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	16	0.54
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	16	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	16	0.54
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	16	0.54
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	16	0.54
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	16	0.54
(18,1936)	1:10:A:ASN:HB2	1:61:A:SER:HA	11	0.54
(18,1936)	1:10:A:ASN:HB3	1:61:A:SER:HA	11	0.54
(18,1893)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	3	0.54
(18,1893)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	3	0.54
(18,1893)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	3	0.54
(18,1893)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	3	0.54
(18,1893)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	5	0.54
(18,1893)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	5	0.54
(18,1893)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	5	0.54
(18,1893)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	5	0.54
(18,1890)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	11	0.54
(18,1890)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	11	0.54
(18,1890)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	11	0.54
(18,1890)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	11	0.54
(18,1834)	1:80:A:TYR:HE1	1:81:A:GLU:HB3	8	0.54
(18,1834)	1:80:A:TYR:HE2	1:81:A:GLU:HB3	8	0.54
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	16	0.54
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	16	0.54
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	16	0.54
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	16	0.54
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	16	0.54
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	16	0.54
(18,1774)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	5	0.54
(18,1774)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	5	0.54
(18,1774)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	5	0.54
(18,1774)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	5	0.54
(18,1774)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	5	0.54
(18,1774)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	5	0.54
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	5	0.54
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	5	0.54
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	5	0.54
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	5	0.54
(18,1767)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	14	0.54
(18,1767)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	14	0.54
(18,1767)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	14	0.54
(18,1767)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	14	0.54
(18,1710)	1:19:A:ALA:HB1	1:21:A:THR:HG21	11	0.54
(18,1710)	1:19:A:ALA:HB1	1:21:A:THR:HG22	11	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1710)	1:19:A:ALA:HB1	1:21:A:THR:HG23	11	0.54
(18,1710)	1:19:A:ALA:HB2	1:21:A:THR:HG21	11	0.54
(18,1710)	1:19:A:ALA:HB2	1:21:A:THR:HG22	11	0.54
(18,1710)	1:19:A:ALA:HB2	1:21:A:THR:HG23	11	0.54
(18,1710)	1:19:A:ALA:HB3	1:21:A:THR:HG21	11	0.54
(18,1710)	1:19:A:ALA:HB3	1:21:A:THR:HG22	11	0.54
(18,1710)	1:19:A:ALA:HB3	1:21:A:THR:HG23	11	0.54
(18,1634)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	12	0.54
(18,1634)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	12	0.54
(18,1634)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	12	0.54
(18,1634)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	12	0.54
(18,1634)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	12	0.54
(18,1634)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	12	0.54
(18,1576)	1:63:A:ILE:HG21	1:116:A:GLN:HE21	17	0.54
(18,1576)	1:63:A:ILE:HG22	1:116:A:GLN:HE21	17	0.54
(18,1576)	1:63:A:ILE:HG23	1:116:A:GLN:HE21	17	0.54
(18,1452)	1:13:A:ALA:HB1	1:79:A:THR:HB	10	0.54
(18,1452)	1:13:A:ALA:HB2	1:79:A:THR:HB	10	0.54
(18,1452)	1:13:A:ALA:HB3	1:79:A:THR:HB	10	0.54
(18,1010)	1:98:A:ILE:HB	1:105:A:LYS:HB2	4	0.54
(18,1010)	1:98:A:ILE:HB	1:105:A:LYS:HB3	4	0.54
(18,1003)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	7	0.54
(18,1003)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	7	0.54
(18,978)	1:138:A:ASP:HA	1:141:A:LYS:HB2	13	0.54
(18,978)	1:138:A:ASP:HA	1:141:A:LYS:HB3	13	0.54
(18,828)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	16	0.54
(18,828)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	16	0.54
(18,828)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	16	0.54
(18,783)	1:101:A:ILE:HD11	1:104:A:PHE:H	6	0.54
(18,783)	1:101:A:ILE:HD12	1:104:A:PHE:H	6	0.54
(18,783)	1:101:A:ILE:HD13	1:104:A:PHE:H	6	0.54
(18,211)	1:101:A:ILE:H	1:104:A:PHE:HB2	6	0.54
(18,107)	1:69:A:MET:H	1:69:A:MET:HE1	12	0.54
(18,107)	1:69:A:MET:H	1:69:A:MET:HE2	12	0.54
(18,107)	1:69:A:MET:H	1:69:A:MET:HE3	12	0.54
(18,71)	1:81:A:GLU:H	1:81:A:GLU:HB3	8	0.54
(18,71)	1:81:A:GLU:H	1:81:A:GLU:HB3	12	0.54
(17,2423)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	17	0.54
(17,2423)	1:132:A:ALA:HB1	1:133:A:ASN:HD22	17	0.54
(17,2423)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	17	0.54
(17,2423)	1:132:A:ALA:HB2	1:133:A:ASN:HD22	17	0.54
(17,2423)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	17	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2423)	1:132:A:ALA:HB3	1:133:A:ASN:HD22	17	0.54
(17,2276)	1:76:A:ARG:H	1:77:A:CYS:HB2	8	0.54
(17,2276)	1:76:A:ARG:H	1:77:A:CYS:HB3	8	0.54
(17,2079)	1:35:A:LEU:H	1:35:A:LEU:HD11	6	0.54
(17,2079)	1:35:A:LEU:H	1:35:A:LEU:HD12	6	0.54
(17,2079)	1:35:A:LEU:H	1:35:A:LEU:HD13	6	0.54
(17,2079)	1:35:A:LEU:H	1:35:A:LEU:HD21	6	0.54
(17,2079)	1:35:A:LEU:H	1:35:A:LEU:HD22	6	0.54
(17,2079)	1:35:A:LEU:H	1:35:A:LEU:HD23	6	0.54
(17,2012)	1:14:A:VAL:HG11	1:62:A:HIS:H	7	0.54
(17,2012)	1:14:A:VAL:HG12	1:62:A:HIS:H	7	0.54
(17,2012)	1:14:A:VAL:HG13	1:62:A:HIS:H	7	0.54
(17,2012)	1:14:A:VAL:HG21	1:62:A:HIS:H	7	0.54
(17,2012)	1:14:A:VAL:HG22	1:62:A:HIS:H	7	0.54
(17,2012)	1:14:A:VAL:HG23	1:62:A:HIS:H	7	0.54
(17,2005)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	19	0.54
(17,2005)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	19	0.54
(17,2005)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	19	0.54
(17,2005)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	19	0.54
(17,2005)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	19	0.54
(17,2005)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	19	0.54
(17,1964)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	3	0.54
(17,1964)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	3	0.54
(17,1964)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	3	0.54
(17,1964)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	3	0.54
(17,1964)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	3	0.54
(17,1964)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	3	0.54
(17,1929)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	13	0.54
(17,1918)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	3	0.54
(17,1918)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	3	0.54
(17,1918)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	3	0.54
(17,1918)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	3	0.54
(17,1918)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	5	0.54
(17,1918)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	5	0.54
(17,1918)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	5	0.54
(17,1918)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	5	0.54
(17,1865)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	19	0.54
(17,1865)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	19	0.54
(17,1865)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	19	0.54
(17,1865)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	19	0.54
(17,1865)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	19	0.54
(17,1865)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	19	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1800)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	14	0.54
(17,1800)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	14	0.54
(17,1800)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	14	0.54
(17,1800)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	14	0.54
(17,1778)	1:39:A:VAL:HG21	1:144:A:LEU:H	16	0.54
(17,1778)	1:39:A:VAL:HG22	1:144:A:LEU:H	16	0.54
(17,1778)	1:39:A:VAL:HG23	1:144:A:LEU:H	16	0.54
(17,1491)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	11	0.54
(17,1491)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	11	0.54
(17,1491)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	11	0.54
(17,1491)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	11	0.54
(17,1491)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	11	0.54
(17,1491)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	11	0.54
(17,1491)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	14	0.54
(17,1491)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	14	0.54
(17,1491)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	14	0.54
(17,1491)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	14	0.54
(17,1491)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	14	0.54
(17,1491)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	14	0.54
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	2	0.54
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	2	0.54
(17,1480)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	2	0.54
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	2	0.54
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	2	0.54
(17,1480)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	2	0.54
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	2	0.54
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	2	0.54
(17,1480)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	2	0.54
(17,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	16	0.54
(17,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	16	0.54
(17,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	16	0.54
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	3	0.54
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	3	0.54
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	3	0.54
(17,1379)	1:39:A:VAL:HG11	1:144:A:LEU:H	14	0.54
(17,1379)	1:39:A:VAL:HG12	1:144:A:LEU:H	14	0.54
(17,1379)	1:39:A:VAL:HG13	1:144:A:LEU:H	14	0.54
(17,1377)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	8	0.54
(17,1377)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	8	0.54
(17,1377)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	8	0.54
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD21	14	0.54
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD22	14	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD23	14	0.54
(17,1204)	1:100:A:ALA:HA	1:119:A:LEU:HD21	8	0.54
(17,1204)	1:100:A:ALA:HA	1:119:A:LEU:HD22	8	0.54
(17,1204)	1:100:A:ALA:HA	1:119:A:LEU:HD23	8	0.54
(17,1093)	1:48:A:ARG:HG2	1:49:A:LYS:HA	10	0.54
(17,1093)	1:48:A:ARG:HG3	1:49:A:LYS:HA	10	0.54
(17,1004)	1:98:A:ILE:HB	1:105:A:LYS:HB2	4	0.54
(17,1004)	1:98:A:ILE:HB	1:105:A:LYS:HB3	4	0.54
(17,923)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	9	0.54
(17,923)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	9	0.54
(17,923)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	9	0.54
(17,893)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	15	0.54
(17,893)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	15	0.54
(17,893)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	15	0.54
(17,826)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	16	0.54
(17,826)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	16	0.54
(17,826)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	16	0.54
(17,809)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	17	0.54
(17,809)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	17	0.54
(17,809)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	17	0.54
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	4	0.54
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	4	0.54
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	4	0.54
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	4	0.54
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	4	0.54
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	4	0.54
(17,698)	1:98:A:ILE:H	1:104:A:PHE:H	3	0.54
(17,643)	1:66:A:THR:H	1:69:A:MET:HA	19	0.54
(17,599)	1:55:A:GLY:H	1:122:A:ASP:HB3	17	0.54
(17,308)	1:64:A:LYS:HD2	1:65:A:CYS:H	4	0.54
(17,308)	1:64:A:LYS:HD3	1:65:A:CYS:H	4	0.54
(17,123)	1:79:A:THR:HB	1:80:A:TYR:H	12	0.54
(17,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	17	0.54
(16,2239)	1:69:A:MET:HG2	1:76:A:ARG:HB3	13	0.54
(16,2239)	1:69:A:MET:HG3	1:76:A:ARG:HB3	13	0.54
(16,2090)	1:35:A:LEU:HD11	1:143:A:TRP:HA	15	0.54
(16,2090)	1:35:A:LEU:HD12	1:143:A:TRP:HA	15	0.54
(16,2090)	1:35:A:LEU:HD13	1:143:A:TRP:HA	15	0.54
(16,2090)	1:35:A:LEU:HD21	1:143:A:TRP:HA	15	0.54
(16,2090)	1:35:A:LEU:HD22	1:143:A:TRP:HA	15	0.54
(16,2090)	1:35:A:LEU:HD23	1:143:A:TRP:HA	15	0.54
(16,2083)	1:35:A:LEU:HD11	1:38:A:GLU:H	1	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2083)	1:35:A:LEU:HD12	1:38:A:GLU:H	1	0.54
(16,2083)	1:35:A:LEU:HD13	1:38:A:GLU:H	1	0.54
(16,2083)	1:35:A:LEU:HD21	1:38:A:GLU:H	1	0.54
(16,2083)	1:35:A:LEU:HD22	1:38:A:GLU:H	1	0.54
(16,2083)	1:35:A:LEU:HD23	1:38:A:GLU:H	1	0.54
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD11	18	0.54
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD12	18	0.54
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD13	18	0.54
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD21	18	0.54
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD22	18	0.54
(16,2045)	1:27:A:ARG:HA	1:30:A:LEU:HD23	18	0.54
(16,2038)	1:23:A:LEU:HD11	1:27:A:ARG:HB2	3	0.54
(16,2038)	1:23:A:LEU:HD11	1:27:A:ARG:HB3	3	0.54
(16,2038)	1:23:A:LEU:HD12	1:27:A:ARG:HB2	3	0.54
(16,2038)	1:23:A:LEU:HD12	1:27:A:ARG:HB3	3	0.54
(16,2038)	1:23:A:LEU:HD13	1:27:A:ARG:HB2	3	0.54
(16,2038)	1:23:A:LEU:HD13	1:27:A:ARG:HB3	3	0.54
(16,2038)	1:23:A:LEU:HD21	1:27:A:ARG:HB2	3	0.54
(16,2038)	1:23:A:LEU:HD21	1:27:A:ARG:HB3	3	0.54
(16,2038)	1:23:A:LEU:HD22	1:27:A:ARG:HB2	3	0.54
(16,2038)	1:23:A:LEU:HD22	1:27:A:ARG:HB3	3	0.54
(16,2038)	1:23:A:LEU:HD23	1:27:A:ARG:HB2	3	0.54
(16,2038)	1:23:A:LEU:HD23	1:27:A:ARG:HB3	3	0.54
(16,2012)	1:18:A:PHE:HB2	1:132:A:ALA:H	18	0.54
(16,2012)	1:18:A:PHE:HB3	1:132:A:ALA:H	18	0.54
(16,1965)	1:12:A:VAL:HG11	1:43:A:MET:H	6	0.54
(16,1965)	1:12:A:VAL:HG12	1:43:A:MET:H	6	0.54
(16,1965)	1:12:A:VAL:HG13	1:43:A:MET:H	6	0.54
(16,1965)	1:12:A:VAL:HG21	1:43:A:MET:H	6	0.54
(16,1965)	1:12:A:VAL:HG22	1:43:A:MET:H	6	0.54
(16,1965)	1:12:A:VAL:HG23	1:43:A:MET:H	6	0.54
(16,1933)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	3	0.54
(16,1933)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	3	0.54
(16,1933)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	3	0.54
(16,1933)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	3	0.54
(16,1933)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	3	0.54
(16,1933)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	3	0.54
(16,1887)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	3	0.54
(16,1887)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	3	0.54
(16,1887)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	3	0.54
(16,1887)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	3	0.54
(16,1887)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	5	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1887)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	5	0.54
(16,1887)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	5	0.54
(16,1887)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	5	0.54
(16,1788)	1:9:A:PHE:HD1	1:11:A:ILE:HB	7	0.54
(16,1788)	1:9:A:PHE:HD2	1:11:A:ILE:HB	7	0.54
(16,1758)	1:95:A:ILE:HG21	1:97:A:ASP:HA	10	0.54
(16,1758)	1:95:A:ILE:HG22	1:97:A:ASP:HA	10	0.54
(16,1758)	1:95:A:ILE:HG23	1:97:A:ASP:HA	10	0.54
(16,1757)	1:57:A:LEU:HG	1:60:A:LEU:HG	5	0.54
(16,1756)	1:39:A:VAL:HG21	1:144:A:LEU:H	16	0.54
(16,1756)	1:39:A:VAL:HG22	1:144:A:LEU:H	16	0.54
(16,1756)	1:39:A:VAL:HG23	1:144:A:LEU:H	16	0.54
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD21	14	0.54
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD22	14	0.54
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD23	14	0.54
(16,1457)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	16	0.54
(16,1457)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	16	0.54
(16,1457)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	16	0.54
(16,1369)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	8	0.54
(16,1369)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	8	0.54
(16,1369)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	8	0.54
(16,1367)	1:39:A:VAL:HG11	1:144:A:LEU:H	14	0.54
(16,1367)	1:39:A:VAL:HG12	1:144:A:LEU:H	14	0.54
(16,1367)	1:39:A:VAL:HG13	1:144:A:LEU:H	14	0.54
(16,936)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	2	0.54
(16,936)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	2	0.54
(16,936)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	2	0.54
(16,936)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	2	0.54
(16,936)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	2	0.54
(16,936)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	2	0.54
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	4	0.54
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	4	0.54
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	4	0.54
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	4	0.54
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	4	0.54
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	4	0.54
(16,658)	1:79:A:THR:H	1:80:A:TYR:HD1	18	0.54
(16,658)	1:79:A:THR:H	1:80:A:TYR:HD2	18	0.54
(16,645)	1:66:A:THR:H	1:69:A:MET:HA	19	0.54
(16,490)	1:98:A:ILE:H	1:105:A:LYS:H	3	0.54
(16,350)	1:111:A:GLU:H	1:111:A:GLU:HG2	16	0.54
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG11	1	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG12	1	0.54
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG13	1	0.54
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG21	1	0.54
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG22	1	0.54
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG23	1	0.54
(15,2279)	1:96:A:VAL:HG11	1:116:A:GLN:HG2	18	0.54
(15,2279)	1:96:A:VAL:HG12	1:116:A:GLN:HG2	18	0.54
(15,2279)	1:96:A:VAL:HG13	1:116:A:GLN:HG2	18	0.54
(15,2279)	1:96:A:VAL:HG21	1:116:A:GLN:HG2	18	0.54
(15,2279)	1:96:A:VAL:HG22	1:116:A:GLN:HG2	18	0.54
(15,2279)	1:96:A:VAL:HG23	1:116:A:GLN:HG2	18	0.54
(15,2263)	1:79:A:THR:HG21	1:81:A:GLU:HB2	17	0.54
(15,2263)	1:79:A:THR:HG21	1:81:A:GLU:HB3	17	0.54
(15,2263)	1:79:A:THR:HG22	1:81:A:GLU:HB2	17	0.54
(15,2263)	1:79:A:THR:HG22	1:81:A:GLU:HB3	17	0.54
(15,2263)	1:79:A:THR:HG23	1:81:A:GLU:HB2	17	0.54
(15,2263)	1:79:A:THR:HG23	1:81:A:GLU:HB3	17	0.54
(15,2238)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	13	0.54
(15,2238)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	13	0.54
(15,2238)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	13	0.54
(15,2238)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	13	0.54
(15,2052)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	18	0.54
(15,2052)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	18	0.54
(15,2052)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	18	0.54
(15,2052)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	18	0.54
(15,2052)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	18	0.54
(15,2052)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	18	0.54
(15,2052)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	18	0.54
(15,2052)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	18	0.54
(15,2052)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	18	0.54
(15,2052)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	18	0.54
(15,2052)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	18	0.54
(15,2052)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	18	0.54
(15,2039)	1:35:A:LEU:H	1:35:A:LEU:HD11	6	0.54
(15,2039)	1:35:A:LEU:H	1:35:A:LEU:HD12	6	0.54
(15,2039)	1:35:A:LEU:H	1:35:A:LEU:HD13	6	0.54
(15,2039)	1:35:A:LEU:H	1:35:A:LEU:HD21	6	0.54
(15,2039)	1:35:A:LEU:H	1:35:A:LEU:HD22	6	0.54
(15,2039)	1:35:A:LEU:H	1:35:A:LEU:HD23	6	0.54
(15,1926)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	3	0.54
(15,1926)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	3	0.54
(15,1926)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	3	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1926)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	3	0.54
(15,1926)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	3	0.54
(15,1926)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	3	0.54
(15,1890)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	13	0.54
(15,1770)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	5	0.54
(15,1770)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	5	0.54
(15,1529)	1:63:A:ILE:HG21	1:116:A:GLN:HE21	17	0.54
(15,1529)	1:63:A:ILE:HG22	1:116:A:GLN:HE21	17	0.54
(15,1529)	1:63:A:ILE:HG23	1:116:A:GLN:HE21	17	0.54
(15,1454)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	15	0.54
(15,1454)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	15	0.54
(15,1454)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	15	0.54
(15,1454)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	15	0.54
(15,1454)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	15	0.54
(15,1454)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	15	0.54
(15,1454)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	15	0.54
(15,1454)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	15	0.54
(15,1454)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	15	0.54
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	3	0.54
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	3	0.54
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	3	0.54
(15,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	18	0.54
(15,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	18	0.54
(15,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	18	0.54
(15,1150)	1:145:A:PRO:HB2	1:146:A:GLN:HA	4	0.54
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD11	11	0.54
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD12	11	0.54
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD13	11	0.54
(15,948)	1:40:A:LEU:HA	1:43:A:MET:HG2	2	0.54
(15,920)	1:125:A:THR:HB	1:128:A:LEU:HG	6	0.54
(15,920)	1:125:A:THR:HB	1:128:A:LEU:HG	9	0.54
(15,912)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	5	0.54
(15,912)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	5	0.54
(15,912)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	5	0.54
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	1	0.54
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	1	0.54
(15,823)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	1	0.54
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	1	0.54
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	1	0.54
(15,823)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	1	0.54
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	1	0.54
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	1	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,823)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	1	0.54
(15,818)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	8	0.54
(15,818)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	8	0.54
(15,818)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	8	0.54
(15,817)	1:98:A:ILE:HD11	1:104:A:PHE:HB2	9	0.54
(15,817)	1:98:A:ILE:HD12	1:104:A:PHE:HB2	9	0.54
(15,817)	1:98:A:ILE:HD13	1:104:A:PHE:HB2	9	0.54
(15,648)	1:66:A:THR:H	1:69:A:MET:HA	19	0.54
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD21	18	0.54
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD22	18	0.54
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD23	18	0.54
(15,313)	1:64:A:LYS:HD2	1:65:A:CYS:H	4	0.54
(15,313)	1:64:A:LYS:HD3	1:65:A:CYS:H	4	0.54
(15,222)	1:110:A:MET:HG2	1:114:A:ILE:H	17	0.54
(15,222)	1:110:A:MET:HG3	1:114:A:ILE:H	17	0.54
(15,55)	1:98:A:ILE:H	1:101:A:ILE:HG13	7	0.54
(13,2243)	1:76:A:ARG:H	1:77:A:CYS:HB2	8	0.54
(13,2243)	1:76:A:ARG:H	1:77:A:CYS:HB3	8	0.54
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD11	3	0.54
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD12	3	0.54
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD13	3	0.54
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD21	3	0.54
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD22	3	0.54
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD23	3	0.54
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	14	0.54
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	14	0.54
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	14	0.54
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	14	0.54
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	14	0.54
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	14	0.54
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	14	0.54
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	14	0.54
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	14	0.54
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	14	0.54
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	14	0.54
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	14	0.54
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	14	0.54
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	14	0.54
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	14	0.54
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	14	0.54
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	14	0.54
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	14	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	14	0.54
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	14	0.54
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	14	0.54
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	14	0.54
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	14	0.54
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	14	0.54
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	14	0.54
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	14	0.54
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	14	0.54
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	14	0.54
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	14	0.54
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	14	0.54
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	14	0.54
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	14	0.54
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	14	0.54
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	14	0.54
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	14	0.54
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	14	0.54
(13,1939)	1:12:A:VAL:HG11	1:81:A:GLU:H	12	0.54
(13,1939)	1:12:A:VAL:HG12	1:81:A:GLU:H	12	0.54
(13,1939)	1:12:A:VAL:HG13	1:81:A:GLU:H	12	0.54
(13,1939)	1:12:A:VAL:HG21	1:81:A:GLU:H	12	0.54
(13,1939)	1:12:A:VAL:HG22	1:81:A:GLU:H	12	0.54
(13,1939)	1:12:A:VAL:HG23	1:81:A:GLU:H	12	0.54
(13,1762)	1:9:A:PHE:HD1	1:11:A:ILE:HB	7	0.54
(13,1762)	1:9:A:PHE:HD2	1:11:A:ILE:HB	7	0.54
(13,1756)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	18	0.54
(13,1756)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	18	0.54
(13,1756)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	18	0.54
(13,1756)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	18	0.54
(13,1731)	1:57:A:LEU:HG	1:60:A:LEU:HG	5	0.54
(13,1626)	1:69:A:MET:HE1	1:116:A:GLN:HE22	6	0.54
(13,1626)	1:69:A:MET:HE2	1:116:A:GLN:HE22	6	0.54
(13,1626)	1:69:A:MET:HE3	1:116:A:GLN:HE22	6	0.54
(13,1509)	1:63:A:ILE:HG21	1:116:A:GLN:HE21	17	0.54
(13,1509)	1:63:A:ILE:HG22	1:116:A:GLN:HE21	17	0.54
(13,1509)	1:63:A:ILE:HG23	1:116:A:GLN:HE21	17	0.54
(13,1430)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	16	0.54
(13,1430)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	16	0.54
(13,1430)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	16	0.54
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD21	14	0.54
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD22	14	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD23	14	0.54
(13,802)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	16	0.54
(13,802)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	16	0.54
(13,802)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	16	0.54
(13,773)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	6	0.54
(13,773)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	6	0.54
(13,773)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	6	0.54
(13,773)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	6	0.54
(13,773)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	6	0.54
(13,773)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	6	0.54
(13,635)	1:66:A:THR:H	1:69:A:MET:HA	19	0.54
(13,574)	1:126:A:GLY:H	1:128:A:LEU:HG	11	0.54
(13,121)	1:79:A:THR:HB	1:80:A:TYR:H	12	0.54
(11,2087)	1:35:A:LEU:HD11	1:38:A:GLU:H	1	0.54
(11,2087)	1:35:A:LEU:HD12	1:38:A:GLU:H	1	0.54
(11,2087)	1:35:A:LEU:HD13	1:38:A:GLU:H	1	0.54
(11,2087)	1:35:A:LEU:HD21	1:38:A:GLU:H	1	0.54
(11,2087)	1:35:A:LEU:HD22	1:38:A:GLU:H	1	0.54
(11,2087)	1:35:A:LEU:HD23	1:38:A:GLU:H	1	0.54
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD11	2	0.54
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD12	2	0.54
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD13	2	0.54
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD21	2	0.54
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD22	2	0.54
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD23	2	0.54
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD11	4	0.54
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD12	4	0.54
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD13	4	0.54
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD21	4	0.54
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD22	4	0.54
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD23	4	0.54
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD11	13	0.54
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD12	13	0.54
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD13	13	0.54
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD21	13	0.54
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD22	13	0.54
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD23	13	0.54
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD11	19	0.54
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD12	19	0.54
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD13	19	0.54
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD21	19	0.54
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD22	19	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD23	19	0.54
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	4	0.54
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	4	0.54
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	4	0.54
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	4	0.54
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	4	0.54
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	4	0.54
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	4	0.54
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	4	0.54
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	4	0.54
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	4	0.54
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	4	0.54
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	4	0.54
(11,2039)	1:18:A:PHE:HB2	1:132:A:ALA:H	18	0.54
(11,2039)	1:18:A:PHE:HB3	1:132:A:ALA:H	18	0.54
(11,2004)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	15	0.54
(11,2004)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	15	0.54
(11,2004)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	15	0.54
(11,2004)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	15	0.54
(11,2004)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	15	0.54
(11,2004)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	15	0.54
(11,1960)	1:10:A:ASN:HB2	1:61:A:SER:HA	11	0.54
(11,1960)	1:10:A:ASN:HB3	1:61:A:SER:HA	11	0.54
(11,1920)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	3	0.54
(11,1920)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	3	0.54
(11,1920)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	3	0.54
(11,1920)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	3	0.54
(11,1920)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	5	0.54
(11,1920)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	5	0.54
(11,1920)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	5	0.54
(11,1920)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	5	0.54
(11,1799)	1:57:A:LEU:HG	1:60:A:LEU:HG	5	0.54
(11,1798)	1:39:A:VAL:HG21	1:144:A:LEU:H	16	0.54
(11,1798)	1:39:A:VAL:HG22	1:144:A:LEU:H	16	0.54
(11,1798)	1:39:A:VAL:HG23	1:144:A:LEU:H	16	0.54
(11,1796)	1:141:A:LYS:HA	1:144:A:LEU:HD21	5	0.54
(11,1796)	1:141:A:LYS:HA	1:144:A:LEU:HD22	5	0.54
(11,1796)	1:141:A:LYS:HA	1:144:A:LEU:HD23	5	0.54
(11,1742)	1:141:A:LYS:HA	1:145:A:PRO:HD3	3	0.54
(11,1560)	1:63:A:ILE:HG21	1:116:A:GLN:HE21	17	0.54
(11,1560)	1:63:A:ILE:HG22	1:116:A:GLN:HE21	17	0.54
(11,1560)	1:63:A:ILE:HG23	1:116:A:GLN:HE21	17	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1384)	1:39:A:VAL:HG11	1:144:A:LEU:H	14	0.54
(11,1384)	1:39:A:VAL:HG12	1:144:A:LEU:H	14	0.54
(11,1384)	1:39:A:VAL:HG13	1:144:A:LEU:H	14	0.54
(11,1383)	1:21:A:THR:HG21	1:23:A:LEU:HD11	3	0.54
(11,1383)	1:21:A:THR:HG21	1:23:A:LEU:HD12	3	0.54
(11,1383)	1:21:A:THR:HG21	1:23:A:LEU:HD13	3	0.54
(11,1383)	1:21:A:THR:HG22	1:23:A:LEU:HD11	3	0.54
(11,1383)	1:21:A:THR:HG22	1:23:A:LEU:HD12	3	0.54
(11,1383)	1:21:A:THR:HG22	1:23:A:LEU:HD13	3	0.54
(11,1383)	1:21:A:THR:HG23	1:23:A:LEU:HD11	3	0.54
(11,1383)	1:21:A:THR:HG23	1:23:A:LEU:HD12	3	0.54
(11,1383)	1:21:A:THR:HG23	1:23:A:LEU:HD13	3	0.54
(11,1307)	1:68:A:LYS:HG2	1:70:A:LYS:H	14	0.54
(11,1307)	1:68:A:LYS:HG3	1:70:A:LYS:H	14	0.54
(11,1254)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	6	0.54
(11,1254)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	6	0.54
(11,1254)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	6	0.54
(11,997)	1:12:A:VAL:HB	1:43:A:MET:HE1	19	0.54
(11,997)	1:12:A:VAL:HB	1:43:A:MET:HE2	19	0.54
(11,997)	1:12:A:VAL:HB	1:43:A:MET:HE3	19	0.54
(11,966)	1:11:A:ILE:HD11	1:43:A:MET:HB3	14	0.54
(11,966)	1:11:A:ILE:HD12	1:43:A:MET:HB3	14	0.54
(11,966)	1:11:A:ILE:HD13	1:43:A:MET:HB3	14	0.54
(11,934)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	2	0.54
(11,934)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	2	0.54
(11,922)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	9	0.54
(11,922)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	9	0.54
(11,922)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	9	0.54
(11,814)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	16	0.54
(11,814)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	16	0.54
(11,814)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	16	0.54
(11,654)	1:79:A:THR:H	1:80:A:TYR:HD1	18	0.54
(11,654)	1:79:A:THR:H	1:80:A:TYR:HD2	18	0.54
(11,643)	1:66:A:THR:H	1:69:A:MET:HA	19	0.54
(11,498)	1:105:A:LYS:H	1:105:A:LYS:HD2	5	0.54
(11,498)	1:105:A:LYS:H	1:105:A:LYS:HD3	5	0.54
(11,213)	1:110:A:MET:HG2	1:114:A:ILE:H	17	0.54
(11,213)	1:110:A:MET:HG3	1:114:A:ILE:H	17	0.54
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD11	11	0.54
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD12	11	0.54
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD13	11	0.54
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD21	11	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD22	11	0.54
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD23	11	0.54
(9,2239)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	1	0.54
(9,2239)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	1	0.54
(9,2239)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	1	0.54
(9,2239)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	1	0.54
(9,2239)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	1	0.54
(9,2239)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	1	0.54
(9,2239)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	1	0.54
(9,2239)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	1	0.54
(9,2239)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	1	0.54
(9,2239)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	1	0.54
(9,2239)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	1	0.54
(9,2239)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	1	0.54
(9,2239)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	1	0.54
(9,2239)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	1	0.54
(9,2239)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	1	0.54
(9,2239)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	1	0.54
(9,2239)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	1	0.54
(9,2239)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	1	0.54
(9,2162)	1:60:A:LEU:HG	1:61:A:SER:HB2	13	0.54
(9,2162)	1:60:A:LEU:HG	1:61:A:SER:HB3	13	0.54
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG11	6	0.54
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG12	6	0.54
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG13	6	0.54
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG21	6	0.54
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG22	6	0.54
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG23	6	0.54
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG11	6	0.54
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG12	6	0.54
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG13	6	0.54
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG21	6	0.54
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG22	6	0.54
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG23	6	0.54
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG11	6	0.54
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG12	6	0.54
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG13	6	0.54
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG21	6	0.54
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG22	6	0.54
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG23	6	0.54
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD11	10	0.54
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD12	10	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD13	10	0.54
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD21	10	0.54
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD22	10	0.54
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD23	10	0.54
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	16	0.54
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	16	0.54
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	16	0.54
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	16	0.54
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	16	0.54
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	16	0.54
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	16	0.54
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	16	0.54
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	16	0.54
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	16	0.54
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	16	0.54
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	16	0.54
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	16	0.54
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	16	0.54
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	16	0.54
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	16	0.54
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	16	0.54
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	16	0.54
(9,1936)	1:10:A:ASN:HB2	1:61:A:SER:HA	11	0.54
(9,1936)	1:10:A:ASN:HB3	1:61:A:SER:HA	11	0.54
(9,1899)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	3	0.54
(9,1899)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	3	0.54
(9,1899)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	3	0.54
(9,1899)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	3	0.54
(9,1899)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	5	0.54
(9,1899)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	5	0.54
(9,1899)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	5	0.54
(9,1899)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	5	0.54
(9,1897)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	11	0.54
(9,1897)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	11	0.54
(9,1897)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	11	0.54
(9,1897)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	11	0.54
(9,1703)	1:67:A:PRO:HD2	1:95:A:ILE:HA	11	0.54
(9,1640)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	12	0.54
(9,1640)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	12	0.54
(9,1640)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	12	0.54
(9,1640)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	12	0.54
(9,1640)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	12	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1640)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	12	0.54
(9,1535)	1:63:A:ILE:HG21	1:116:A:GLN:HE21	17	0.54
(9,1535)	1:63:A:ILE:HG22	1:116:A:GLN:HE21	17	0.54
(9,1535)	1:63:A:ILE:HG23	1:116:A:GLN:HE21	17	0.54
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	11	0.54
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	11	0.54
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	11	0.54
(9,1233)	1:140:A:LEU:HA	1:140:A:LEU:HD11	5	0.54
(9,1233)	1:140:A:LEU:HA	1:140:A:LEU:HD12	5	0.54
(9,1233)	1:140:A:LEU:HA	1:140:A:LEU:HD13	5	0.54
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB1	19	0.54
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB2	19	0.54
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB3	19	0.54
(9,991)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	7	0.54
(9,991)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	7	0.54
(9,916)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	9	0.54
(9,916)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	9	0.54
(9,916)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	9	0.54
(9,814)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	16	0.54
(9,814)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	16	0.54
(9,814)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	16	0.54
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	4	0.54
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	4	0.54
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	4	0.54
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	4	0.54
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	4	0.54
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	4	0.54
(9,306)	1:140:A:LEU:H	1:140:A:LEU:HD11	12	0.54
(9,306)	1:140:A:LEU:H	1:140:A:LEU:HD12	12	0.54
(9,306)	1:140:A:LEU:H	1:140:A:LEU:HD13	12	0.54
(9,122)	1:79:A:THR:HB	1:80:A:TYR:H	12	0.54
(7,2197)	1:63:A:ILE:HG12	1:117:A:VAL:H	12	0.54
(7,2197)	1:63:A:ILE:HG13	1:117:A:VAL:H	12	0.54
(7,2042)	1:35:A:LEU:HD11	1:38:A:GLU:H	1	0.54
(7,2042)	1:35:A:LEU:HD12	1:38:A:GLU:H	1	0.54
(7,2042)	1:35:A:LEU:HD13	1:38:A:GLU:H	1	0.54
(7,2042)	1:35:A:LEU:HD21	1:38:A:GLU:H	1	0.54
(7,2042)	1:35:A:LEU:HD22	1:38:A:GLU:H	1	0.54
(7,2042)	1:35:A:LEU:HD23	1:38:A:GLU:H	1	0.54
(7,1946)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	8	0.54
(7,1946)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	8	0.54
(7,1946)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	8	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1946)	1:14:A:VAL:HG11	1:60:A:LEU:HD21	8	0.54
(7,1946)	1:14:A:VAL:HG11	1:60:A:LEU:HD22	8	0.54
(7,1946)	1:14:A:VAL:HG11	1:60:A:LEU:HD23	8	0.54
(7,1946)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	8	0.54
(7,1946)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	8	0.54
(7,1946)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	8	0.54
(7,1946)	1:14:A:VAL:HG12	1:60:A:LEU:HD21	8	0.54
(7,1946)	1:14:A:VAL:HG12	1:60:A:LEU:HD22	8	0.54
(7,1946)	1:14:A:VAL:HG12	1:60:A:LEU:HD23	8	0.54
(7,1946)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	8	0.54
(7,1946)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	8	0.54
(7,1946)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	8	0.54
(7,1946)	1:14:A:VAL:HG13	1:60:A:LEU:HD21	8	0.54
(7,1946)	1:14:A:VAL:HG13	1:60:A:LEU:HD22	8	0.54
(7,1946)	1:14:A:VAL:HG13	1:60:A:LEU:HD23	8	0.54
(7,1946)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	8	0.54
(7,1946)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	8	0.54
(7,1946)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	8	0.54
(7,1946)	1:14:A:VAL:HG21	1:60:A:LEU:HD21	8	0.54
(7,1946)	1:14:A:VAL:HG21	1:60:A:LEU:HD22	8	0.54
(7,1946)	1:14:A:VAL:HG21	1:60:A:LEU:HD23	8	0.54
(7,1946)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	8	0.54
(7,1946)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	8	0.54
(7,1946)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	8	0.54
(7,1946)	1:14:A:VAL:HG22	1:60:A:LEU:HD21	8	0.54
(7,1946)	1:14:A:VAL:HG22	1:60:A:LEU:HD22	8	0.54
(7,1946)	1:14:A:VAL:HG22	1:60:A:LEU:HD23	8	0.54
(7,1946)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	8	0.54
(7,1946)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	8	0.54
(7,1946)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	8	0.54
(7,1946)	1:14:A:VAL:HG23	1:60:A:LEU:HD21	8	0.54
(7,1946)	1:14:A:VAL:HG23	1:60:A:LEU:HD22	8	0.54
(7,1946)	1:14:A:VAL:HG23	1:60:A:LEU:HD23	8	0.54
(7,1765)	1:9:A:PHE:HD1	1:11:A:ILE:HB	7	0.54
(7,1765)	1:9:A:PHE:HD2	1:11:A:ILE:HB	7	0.54
(7,1726)	1:39:A:VAL:HG21	1:144:A:LEU:H	16	0.54
(7,1726)	1:39:A:VAL:HG22	1:144:A:LEU:H	16	0.54
(7,1726)	1:39:A:VAL:HG23	1:144:A:LEU:H	16	0.54
(7,1653)	1:69:A:MET:HA	1:109:A:PRO:HA	5	0.54
(7,1621)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	12	0.54
(7,1621)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	12	0.54
(7,1621)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	12	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1621)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	12	0.54
(7,1621)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	12	0.54
(7,1621)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	12	0.54
(7,1621)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	12	0.54
(7,1621)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	12	0.54
(7,1621)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	12	0.54
(7,1554)	1:101:A:ILE:HD11	1:112:A:GLN:HA	1	0.54
(7,1554)	1:101:A:ILE:HD12	1:112:A:GLN:HA	1	0.54
(7,1554)	1:101:A:ILE:HD13	1:112:A:GLN:HA	1	0.54
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD11	6	0.54
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD12	6	0.54
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD13	6	0.54
(7,1527)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	14	0.54
(7,1527)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	14	0.54
(7,1527)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	14	0.54
(7,1527)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	14	0.54
(7,1527)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	14	0.54
(7,1527)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	14	0.54
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	5	0.54
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	5	0.54
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	5	0.54
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	2	0.54
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	2	0.54
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	2	0.54
(7,1436)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	16	0.54
(7,1436)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	16	0.54
(7,1436)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	16	0.54
(7,1348)	1:39:A:VAL:HG11	1:144:A:LEU:H	14	0.54
(7,1348)	1:39:A:VAL:HG12	1:144:A:LEU:H	14	0.54
(7,1348)	1:39:A:VAL:HG13	1:144:A:LEU:H	14	0.54
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG11	3	0.54
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG12	3	0.54
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG13	3	0.54
(7,1231)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	15	0.54
(7,1231)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	15	0.54
(7,1231)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	15	0.54
(7,1231)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	15	0.54
(7,1231)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	15	0.54
(7,1231)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	15	0.54
(7,1231)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	15	0.54
(7,1231)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	15	0.54
(7,1231)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	15	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1200)	1:110:A:MET:HA	1:113:A:PHE:HB2	19	0.54
(7,1154)	1:43:A:MET:HB2	1:140:A:LEU:HD21	13	0.54
(7,1154)	1:43:A:MET:HB2	1:140:A:LEU:HD22	13	0.54
(7,1154)	1:43:A:MET:HB2	1:140:A:LEU:HD23	13	0.54
(7,983)	1:98:A:ILE:HB	1:105:A:LYS:HB2	4	0.54
(7,983)	1:98:A:ILE:HB	1:105:A:LYS:HB3	4	0.54
(7,977)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	7	0.54
(7,977)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	7	0.54
(7,903)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	5	0.54
(7,903)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	5	0.54
(7,903)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	5	0.54
(7,807)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	8	0.54
(7,807)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	8	0.54
(7,807)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	8	0.54
(7,806)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	16	0.54
(7,806)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	16	0.54
(7,806)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	16	0.54
(7,642)	1:66:A:THR:H	1:69:A:MET:HA	19	0.54
(7,574)	1:11:A:ILE:HD11	1:16:A:SER:H	4	0.54
(7,574)	1:11:A:ILE:HD12	1:16:A:SER:H	4	0.54
(7,574)	1:11:A:ILE:HD13	1:16:A:SER:H	4	0.54
(7,373)	1:40:A:LEU:HB2	1:41:A:LYS:H	7	0.54
(7,217)	1:110:A:MET:HG2	1:114:A:ILE:H	17	0.54
(7,217)	1:110:A:MET:HG3	1:114:A:ILE:H	17	0.54
(7,122)	1:79:A:THR:HB	1:80:A:TYR:H	12	0.54
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD11	11	0.54
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD12	11	0.54
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD13	11	0.54
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD21	11	0.54
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD22	11	0.54
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD23	11	0.54
(6,2271)	1:76:A:ARG:H	1:77:A:CYS:HB2	8	0.54
(6,2271)	1:76:A:ARG:H	1:77:A:CYS:HB3	8	0.54
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	10	0.54
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	10	0.54
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	10	0.54
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	10	0.54
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	10	0.54
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	10	0.54
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	10	0.54
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	10	0.54
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	10	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	10	0.54
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	10	0.54
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	10	0.54
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	10	0.54
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	10	0.54
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	10	0.54
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	10	0.54
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	10	0.54
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	10	0.54
(6,2109)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	8	0.54
(6,2109)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	8	0.54
(6,2109)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	8	0.54
(6,2109)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	8	0.54
(6,2109)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	8	0.54
(6,2109)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	8	0.54
(6,2109)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	8	0.54
(6,2109)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	8	0.54
(6,2109)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	8	0.54
(6,2109)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	8	0.54
(6,2109)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	8	0.54
(6,2109)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	8	0.54
(6,2065)	1:35:A:LEU:H	1:35:A:LEU:HD11	6	0.54
(6,2065)	1:35:A:LEU:H	1:35:A:LEU:HD12	6	0.54
(6,2065)	1:35:A:LEU:H	1:35:A:LEU:HD13	6	0.54
(6,2065)	1:35:A:LEU:H	1:35:A:LEU:HD21	6	0.54
(6,2065)	1:35:A:LEU:H	1:35:A:LEU:HD22	6	0.54
(6,2065)	1:35:A:LEU:H	1:35:A:LEU:HD23	6	0.54
(6,1904)	1:18:A:PHE:HE1	1:117:A:VAL:HA	10	0.54
(6,1904)	1:18:A:PHE:HE2	1:117:A:VAL:HA	10	0.54
(6,1823)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	19	0.54
(6,1823)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	19	0.54
(6,1811)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	5	0.54
(6,1811)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	5	0.54
(6,1804)	1:9:A:PHE:HD1	1:11:A:ILE:HB	7	0.54
(6,1804)	1:9:A:PHE:HD2	1:11:A:ILE:HB	7	0.54
(6,1769)	1:57:A:LEU:HG	1:60:A:LEU:HG	5	0.54
(6,1712)	1:67:A:PRO:HD2	1:95:A:ILE:HA	11	0.54
(6,1698)	1:43:A:MET:HE1	1:137:A:SER:H	19	0.54
(6,1698)	1:43:A:MET:HE2	1:137:A:SER:H	19	0.54
(6,1698)	1:43:A:MET:HE3	1:137:A:SER:H	19	0.54
(6,1660)	1:69:A:MET:HE1	1:116:A:GLN:HE22	19	0.54
(6,1660)	1:69:A:MET:HE2	1:116:A:GLN:HE22	19	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1660)	1:69:A:MET:HE3	1:116:A:GLN:HE22	19	0.54
(6,1536)	1:63:A:ILE:HG21	1:116:A:GLN:HE21	17	0.54
(6,1536)	1:63:A:ILE:HG22	1:116:A:GLN:HE21	17	0.54
(6,1536)	1:63:A:ILE:HG23	1:116:A:GLN:HE21	17	0.54
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	11	0.54
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	11	0.54
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	11	0.54
(6,1468)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	11	0.54
(6,1468)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	11	0.54
(6,1468)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	11	0.54
(6,1468)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	11	0.54
(6,1468)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	11	0.54
(6,1468)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	11	0.54
(6,1468)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	14	0.54
(6,1468)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	14	0.54
(6,1468)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	14	0.54
(6,1468)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	14	0.54
(6,1468)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	14	0.54
(6,1468)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	14	0.54
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	4	0.54
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	4	0.54
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	4	0.54
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	4	0.54
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	4	0.54
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	4	0.54
(6,1348)	1:73:A:ILE:HB	1:76:A:ARG:HA	18	0.54
(6,1211)	1:11:A:ILE:HD11	1:131:A:LEU:HA	13	0.54
(6,1211)	1:11:A:ILE:HD12	1:131:A:LEU:HA	13	0.54
(6,1211)	1:11:A:ILE:HD13	1:131:A:LEU:HA	13	0.54
(6,977)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	7	0.54
(6,977)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	7	0.54
(6,869)	1:14:A:VAL:HA	1:18:A:PHE:HB2	19	0.54
(6,692)	1:98:A:ILE:H	1:104:A:PHE:H	3	0.54
(6,637)	1:66:A:THR:H	1:69:A:MET:HA	19	0.54
(6,307)	1:64:A:LYS:HD2	1:65:A:CYS:H	4	0.54
(6,307)	1:64:A:LYS:HD3	1:65:A:CYS:H	4	0.54
(6,293)	1:140:A:LEU:H	1:140:A:LEU:HD11	12	0.54
(6,293)	1:140:A:LEU:H	1:140:A:LEU:HD12	12	0.54
(6,293)	1:140:A:LEU:H	1:140:A:LEU:HD13	12	0.54
(6,131)	1:11:A:ILE:HG13	1:12:A:VAL:H	2	0.54
(6,131)	1:11:A:ILE:HG13	1:12:A:VAL:H	12	0.54
(6,122)	1:79:A:THR:HB	1:80:A:TYR:H	12	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2251)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	13	0.54
(5,2251)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	13	0.54
(5,2251)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	13	0.54
(5,2251)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	13	0.54
(5,2127)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	1	0.54
(5,2127)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	1	0.54
(5,2127)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	1	0.54
(5,2127)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	1	0.54
(5,2127)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	1	0.54
(5,2127)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	1	0.54
(5,2059)	1:35:A:LEU:HD11	1:38:A:GLU:H	1	0.54
(5,2059)	1:35:A:LEU:HD12	1:38:A:GLU:H	1	0.54
(5,2059)	1:35:A:LEU:HD13	1:38:A:GLU:H	1	0.54
(5,2059)	1:35:A:LEU:HD21	1:38:A:GLU:H	1	0.54
(5,2059)	1:35:A:LEU:HD22	1:38:A:GLU:H	1	0.54
(5,2059)	1:35:A:LEU:HD23	1:38:A:GLU:H	1	0.54
(5,1850)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	8	0.54
(5,1850)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	8	0.54
(5,1850)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	8	0.54
(5,1850)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	8	0.54
(5,1850)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	8	0.54
(5,1850)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	8	0.54
(5,1833)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	5	0.54
(5,1833)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	5	0.54
(5,1812)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	14	0.54
(5,1812)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	14	0.54
(5,1812)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	14	0.54
(5,1812)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	14	0.54
(5,1788)	1:39:A:VAL:HG21	1:144:A:LEU:H	16	0.54
(5,1788)	1:39:A:VAL:HG22	1:144:A:LEU:H	16	0.54
(5,1788)	1:39:A:VAL:HG23	1:144:A:LEU:H	16	0.54
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG21	6	0.54
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG22	6	0.54
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG23	6	0.54
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG21	6	0.54
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG22	6	0.54
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG23	6	0.54
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG21	6	0.54
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG22	6	0.54
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG23	6	0.54
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD11	13	0.54
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD12	13	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD13	13	0.54
(5,1609)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	15	0.54
(5,1609)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	15	0.54
(5,1609)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	15	0.54
(5,1604)	1:63:A:ILE:HG21	1:116:A:GLN:HE21	17	0.54
(5,1604)	1:63:A:ILE:HG22	1:116:A:GLN:HE21	17	0.54
(5,1604)	1:63:A:ILE:HG23	1:116:A:GLN:HE21	17	0.54
(5,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	16	0.54
(5,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	16	0.54
(5,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	16	0.54
(5,1381)	1:39:A:VAL:HG11	1:144:A:LEU:H	14	0.54
(5,1381)	1:39:A:VAL:HG12	1:144:A:LEU:H	14	0.54
(5,1381)	1:39:A:VAL:HG13	1:144:A:LEU:H	14	0.54
(5,1264)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	15	0.54
(5,1264)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	15	0.54
(5,1264)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	15	0.54
(5,1264)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	15	0.54
(5,1264)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	15	0.54
(5,1264)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	15	0.54
(5,1264)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	15	0.54
(5,1264)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	15	0.54
(5,1264)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	15	0.54
(5,1246)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	6	0.54
(5,1246)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	6	0.54
(5,1246)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	6	0.54
(5,1163)	1:145:A:PRO:HB2	1:146:A:GLN:HA	4	0.54
(5,1001)	1:98:A:ILE:HB	1:105:A:LYS:HB2	4	0.54
(5,1001)	1:98:A:ILE:HB	1:105:A:LYS:HB3	4	0.54
(5,993)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	7	0.54
(5,993)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	7	0.54
(5,977)	1:47:A:ALA:HB1	1:134:A:VAL:HB	6	0.54
(5,977)	1:47:A:ALA:HB2	1:134:A:VAL:HB	6	0.54
(5,977)	1:47:A:ALA:HB3	1:134:A:VAL:HB	6	0.54
(5,977)	1:47:A:ALA:HB1	1:134:A:VAL:HB	7	0.54
(5,977)	1:47:A:ALA:HB2	1:134:A:VAL:HB	7	0.54
(5,977)	1:47:A:ALA:HB3	1:134:A:VAL:HB	7	0.54
(5,960)	1:11:A:ILE:HG12	1:43:A:MET:HB2	8	0.54
(5,936)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	7	0.54
(5,936)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	7	0.54
(5,928)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	2	0.54
(5,928)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	2	0.54
(5,896)	1:21:A:THR:HB	1:24:A:ASP:H	16	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,816)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	16	0.54
(5,816)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	16	0.54
(5,816)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	16	0.54
(5,698)	1:98:A:ILE:H	1:104:A:PHE:H	3	0.54
(5,643)	1:66:A:THR:H	1:69:A:MET:HA	19	0.54
(5,630)	1:9:A:PHE:HE1	1:15:A:ALA:H	13	0.54
(5,630)	1:9:A:PHE:HE2	1:15:A:ALA:H	13	0.54
(5,553)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	17	0.54
(5,553)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	17	0.54
(5,553)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	17	0.54
(5,478)	1:98:A:ILE:H	1:105:A:LYS:H	5	0.54
(5,266)	1:112:A:GLN:H	1:112:A:GLN:HE21	15	0.54
(5,185)	1:44:A:GLU:H	1:44:A:GLU:HG3	15	0.54
(5,118)	1:79:A:THR:HB	1:80:A:TYR:H	12	0.54
(5,39)	1:43:A:MET:HA	1:47:A:ALA:H	14	0.54
(4,2429)	1:134:A:VAL:HG11	1:137:A:SER:HB2	4	0.54
(4,2429)	1:134:A:VAL:HG11	1:137:A:SER:HB3	4	0.54
(4,2429)	1:134:A:VAL:HG12	1:137:A:SER:HB2	4	0.54
(4,2429)	1:134:A:VAL:HG12	1:137:A:SER:HB3	4	0.54
(4,2429)	1:134:A:VAL:HG13	1:137:A:SER:HB2	4	0.54
(4,2429)	1:134:A:VAL:HG13	1:137:A:SER:HB3	4	0.54
(4,2429)	1:134:A:VAL:HG21	1:137:A:SER:HB2	4	0.54
(4,2429)	1:134:A:VAL:HG21	1:137:A:SER:HB3	4	0.54
(4,2429)	1:134:A:VAL:HG22	1:137:A:SER:HB2	4	0.54
(4,2429)	1:134:A:VAL:HG22	1:137:A:SER:HB3	4	0.54
(4,2429)	1:134:A:VAL:HG23	1:137:A:SER:HB2	4	0.54
(4,2429)	1:134:A:VAL:HG23	1:137:A:SER:HB3	4	0.54
(4,2332)	1:107:A:LEU:HD11	1:112:A:GLN:HA	5	0.54
(4,2332)	1:107:A:LEU:HD12	1:112:A:GLN:HA	5	0.54
(4,2332)	1:107:A:LEU:HD13	1:112:A:GLN:HA	5	0.54
(4,2332)	1:107:A:LEU:HD21	1:112:A:GLN:HA	5	0.54
(4,2332)	1:107:A:LEU:HD22	1:112:A:GLN:HA	5	0.54
(4,2332)	1:107:A:LEU:HD23	1:112:A:GLN:HA	5	0.54
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD11	11	0.54
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD12	11	0.54
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD13	11	0.54
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD21	11	0.54
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD22	11	0.54
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD23	11	0.54
(4,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB2	1	0.54
(4,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB3	1	0.54
(4,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB2	1	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB3	1	0.54
(4,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB2	1	0.54
(4,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB3	1	0.54
(4,2244)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	13	0.54
(4,2244)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	13	0.54
(4,2244)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	13	0.54
(4,2244)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	13	0.54
(4,2189)	1:57:A:LEU:HD11	1:60:A:LEU:H	12	0.54
(4,2189)	1:57:A:LEU:HD12	1:60:A:LEU:H	12	0.54
(4,2189)	1:57:A:LEU:HD13	1:60:A:LEU:H	12	0.54
(4,2189)	1:57:A:LEU:HD21	1:60:A:LEU:H	12	0.54
(4,2189)	1:57:A:LEU:HD22	1:60:A:LEU:H	12	0.54
(4,2189)	1:57:A:LEU:HD23	1:60:A:LEU:H	12	0.54
(4,2189)	1:57:A:LEU:HD11	1:60:A:LEU:H	19	0.54
(4,2189)	1:57:A:LEU:HD12	1:60:A:LEU:H	19	0.54
(4,2189)	1:57:A:LEU:HD13	1:60:A:LEU:H	19	0.54
(4,2189)	1:57:A:LEU:HD21	1:60:A:LEU:H	19	0.54
(4,2189)	1:57:A:LEU:HD22	1:60:A:LEU:H	19	0.54
(4,2189)	1:57:A:LEU:HD23	1:60:A:LEU:H	19	0.54
(4,2034)	1:23:A:LEU:HD11	1:24:A:ASP:H	16	0.54
(4,2034)	1:23:A:LEU:HD12	1:24:A:ASP:H	16	0.54
(4,2034)	1:23:A:LEU:HD13	1:24:A:ASP:H	16	0.54
(4,2034)	1:23:A:LEU:HD21	1:24:A:ASP:H	16	0.54
(4,2034)	1:23:A:LEU:HD22	1:24:A:ASP:H	16	0.54
(4,2034)	1:23:A:LEU:HD23	1:24:A:ASP:H	16	0.54
(4,1957)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	14	0.54
(4,1957)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	14	0.54
(4,1957)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	14	0.54
(4,1957)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	14	0.54
(4,1957)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	14	0.54
(4,1957)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	14	0.54
(4,1957)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	14	0.54
(4,1957)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	14	0.54
(4,1957)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	14	0.54
(4,1957)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	14	0.54
(4,1957)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	14	0.54
(4,1957)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	14	0.54
(4,1957)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	14	0.54
(4,1957)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	14	0.54
(4,1957)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	14	0.54
(4,1957)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	14	0.54
(4,1957)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	14	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1957)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	14	0.54
(4,1922)	1:10:A:ASN:HB2	1:61:A:SER:HA	11	0.54
(4,1922)	1:10:A:ASN:HB3	1:61:A:SER:HA	11	0.54
(4,1889)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	13	0.54
(4,1877)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	3	0.54
(4,1877)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	3	0.54
(4,1877)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	3	0.54
(4,1877)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	3	0.54
(4,1877)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	5	0.54
(4,1877)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	5	0.54
(4,1877)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	5	0.54
(4,1877)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	5	0.54
(4,1868)	1:18:A:PHE:HE1	1:117:A:VAL:HA	6	0.54
(4,1868)	1:18:A:PHE:HE2	1:117:A:VAL:HA	6	0.54
(4,1839)	1:18:A:PHE:HA	1:113:A:PHE:HE1	19	0.54
(4,1839)	1:18:A:PHE:HA	1:113:A:PHE:HE2	19	0.54
(4,1786)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	5	0.54
(4,1786)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	5	0.54
(4,1745)	1:57:A:LEU:HG	1:60:A:LEU:HG	5	0.54
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD11	6	0.54
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD12	6	0.54
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD13	6	0.54
(4,1663)	1:69:A:MET:HA	1:109:A:PRO:HA	5	0.54
(4,1521)	1:63:A:ILE:HG21	1:116:A:GLN:HE21	17	0.54
(4,1521)	1:63:A:ILE:HG22	1:116:A:GLN:HE21	17	0.54
(4,1521)	1:63:A:ILE:HG23	1:116:A:GLN:HE21	17	0.54
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE1	1	0.54
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE2	1	0.54
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE3	1	0.54
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	18	0.54
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	18	0.54
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	18	0.54
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	5	0.54
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	5	0.54
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	5	0.54
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	5	0.54
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	5	0.54
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	5	0.54
(4,1455)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	11	0.54
(4,1455)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	11	0.54
(4,1455)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	11	0.54
(4,1455)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	11	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1455)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	11	0.54
(4,1455)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	11	0.54
(4,1455)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	14	0.54
(4,1455)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	14	0.54
(4,1455)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	14	0.54
(4,1455)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	14	0.54
(4,1455)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	14	0.54
(4,1455)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	14	0.54
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD21	14	0.54
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD22	14	0.54
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD23	14	0.54
(4,1117)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	4	0.54
(4,1117)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	4	0.54
(4,1117)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	4	0.54
(4,1117)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	4	0.54
(4,1117)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	4	0.54
(4,1117)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	4	0.54
(4,1047)	1:140:A:LEU:H	1:140:A:LEU:HG	7	0.54
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	6	0.54
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	6	0.54
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	6	0.54
(4,908)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	4	0.54
(4,812)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	16	0.54
(4,812)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	16	0.54
(4,812)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	16	0.54
(4,690)	1:98:A:ILE:H	1:104:A:PHE:H	3	0.54
(4,661)	1:63:A:ILE:HG12	1:117:A:VAL:H	14	0.54
(4,632)	1:66:A:THR:H	1:69:A:MET:HA	19	0.54
(4,610)	1:23:A:LEU:HD21	1:25:A:ALA:H	16	0.54
(4,610)	1:23:A:LEU:HD22	1:25:A:ALA:H	16	0.54
(4,610)	1:23:A:LEU:HD23	1:25:A:ALA:H	16	0.54
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB2	10	0.54
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB3	10	0.54
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD2	13	0.54
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD3	13	0.54
(3,2233)	1:60:A:LEU:HD11	1:123:A:CYS:H	18	0.54
(3,2233)	1:60:A:LEU:HD12	1:123:A:CYS:H	18	0.54
(3,2233)	1:60:A:LEU:HD13	1:123:A:CYS:H	18	0.54
(3,2233)	1:60:A:LEU:HD21	1:123:A:CYS:H	18	0.54
(3,2233)	1:60:A:LEU:HD22	1:123:A:CYS:H	18	0.54
(3,2233)	1:60:A:LEU:HD23	1:123:A:CYS:H	18	0.54
(3,2230)	1:60:A:LEU:HD11	1:120:A:CYS:HA	16	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2230)	1:60:A:LEU:HD12	1:120:A:CYS:HA	16	0.54
(3,2230)	1:60:A:LEU:HD13	1:120:A:CYS:HA	16	0.54
(3,2230)	1:60:A:LEU:HD21	1:120:A:CYS:HA	16	0.54
(3,2230)	1:60:A:LEU:HD22	1:120:A:CYS:HA	16	0.54
(3,2230)	1:60:A:LEU:HD23	1:120:A:CYS:HA	16	0.54
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG11	18	0.54
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG12	18	0.54
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG13	18	0.54
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG21	18	0.54
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG22	18	0.54
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG23	18	0.54
(3,2149)	1:40:A:LEU:HA	1:43:A:MET:HG2	9	0.54
(3,2149)	1:40:A:LEU:HA	1:43:A:MET:HG3	9	0.54
(3,2106)	1:35:A:LEU:HD11	1:143:A:TRP:HB2	3	0.54
(3,2106)	1:35:A:LEU:HD12	1:143:A:TRP:HB2	3	0.54
(3,2106)	1:35:A:LEU:HD13	1:143:A:TRP:HB2	3	0.54
(3,2106)	1:35:A:LEU:HD21	1:143:A:TRP:HB2	3	0.54
(3,2106)	1:35:A:LEU:HD22	1:143:A:TRP:HB2	3	0.54
(3,2106)	1:35:A:LEU:HD23	1:143:A:TRP:HB2	3	0.54
(3,2007)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	15	0.54
(3,2007)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	15	0.54
(3,2007)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	15	0.54
(3,2007)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	15	0.54
(3,2007)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	15	0.54
(3,2007)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	15	0.54
(3,1965)	1:10:A:ASN:HB2	1:61:A:SER:HA	11	0.54
(3,1965)	1:10:A:ASN:HB3	1:61:A:SER:HA	11	0.54
(3,1939)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	13	0.54
(3,1926)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	11	0.54
(3,1926)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	11	0.54
(3,1926)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	11	0.54
(3,1926)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	11	0.54
(3,1865)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	14	0.54
(3,1865)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	14	0.54
(3,1865)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	14	0.54
(3,1827)	1:9:A:PHE:HD1	1:11:A:ILE:HB	7	0.54
(3,1827)	1:9:A:PHE:HD2	1:11:A:ILE:HB	7	0.54
(3,1796)	1:57:A:LEU:HG	1:60:A:LEU:HG	5	0.54
(3,1795)	1:39:A:VAL:HG21	1:144:A:LEU:H	16	0.54
(3,1795)	1:39:A:VAL:HG22	1:144:A:LEU:H	16	0.54
(3,1795)	1:39:A:VAL:HG23	1:144:A:LEU:H	16	0.54
(3,1696)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	14	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1696)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	14	0.54
(3,1657)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	15	0.54
(3,1598)	1:11:A:ILE:HD11	1:43:A:MET:H	18	0.54
(3,1598)	1:11:A:ILE:HD12	1:43:A:MET:H	18	0.54
(3,1598)	1:11:A:ILE:HD13	1:43:A:MET:H	18	0.54
(3,1543)	1:69:A:MET:HE1	1:116:A:GLN:HE22	6	0.54
(3,1543)	1:69:A:MET:HE2	1:116:A:GLN:HE22	6	0.54
(3,1543)	1:69:A:MET:HE3	1:116:A:GLN:HE22	6	0.54
(3,1525)	1:12:A:VAL:H	1:43:A:MET:HE1	15	0.54
(3,1525)	1:12:A:VAL:H	1:43:A:MET:HE2	15	0.54
(3,1525)	1:12:A:VAL:H	1:43:A:MET:HE3	15	0.54
(3,1498)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	11	0.54
(3,1498)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	11	0.54
(3,1498)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	11	0.54
(3,1498)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	11	0.54
(3,1498)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	11	0.54
(3,1498)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	11	0.54
(3,1498)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	14	0.54
(3,1498)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	14	0.54
(3,1498)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	14	0.54
(3,1498)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	14	0.54
(3,1498)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	14	0.54
(3,1498)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	14	0.54
(3,1480)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	16	0.54
(3,1480)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	16	0.54
(3,1480)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	16	0.54
(3,1391)	1:39:A:VAL:HG11	1:144:A:LEU:H	14	0.54
(3,1391)	1:39:A:VAL:HG12	1:144:A:LEU:H	14	0.54
(3,1391)	1:39:A:VAL:HG13	1:144:A:LEU:H	14	0.54
(3,1228)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	3	0.54
(3,1228)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	3	0.54
(3,1228)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	3	0.54
(3,1228)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	3	0.54
(3,1228)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	3	0.54
(3,1228)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	3	0.54
(3,1151)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	14	0.54
(3,1151)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	14	0.54
(3,1151)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	14	0.54
(3,1015)	1:98:A:ILE:HB	1:105:A:LYS:HB2	4	0.54
(3,1015)	1:98:A:ILE:HB	1:105:A:LYS:HB3	4	0.54
(3,814)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	17	0.54
(3,814)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	17	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,814)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	17	0.54
(3,704)	1:98:A:ILE:H	1:104:A:PHE:H	3	0.54
(3,215)	1:110:A:MET:HG2	1:114:A:ILE:H	17	0.54
(3,215)	1:110:A:MET:HG3	1:114:A:ILE:H	17	0.54
(3,175)	1:8:A:ASP:H	1:58:A:ILE:HG13	19	0.54
(2,2290)	1:76:A:ARG:H	1:77:A:CYS:HB2	8	0.54
(2,2290)	1:76:A:ARG:H	1:77:A:CYS:HB3	8	0.54
(2,2276)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	13	0.54
(2,2276)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	13	0.54
(2,2276)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	13	0.54
(2,2276)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	13	0.54
(2,2227)	1:60:A:LEU:HG	1:61:A:SER:HB2	13	0.54
(2,2227)	1:60:A:LEU:HG	1:61:A:SER:HB3	13	0.54
(2,2167)	1:44:A:GLU:H	1:140:A:LEU:HD11	9	0.54
(2,2167)	1:44:A:GLU:H	1:140:A:LEU:HD12	9	0.54
(2,2167)	1:44:A:GLU:H	1:140:A:LEU:HD13	9	0.54
(2,2167)	1:44:A:GLU:H	1:140:A:LEU:HD21	9	0.54
(2,2167)	1:44:A:GLU:H	1:140:A:LEU:HD22	9	0.54
(2,2167)	1:44:A:GLU:H	1:140:A:LEU:HD23	9	0.54
(2,2145)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	17	0.54
(2,2145)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	17	0.54
(2,2145)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	17	0.54
(2,2145)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	17	0.54
(2,2145)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	17	0.54
(2,2145)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	17	0.54
(2,2145)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	17	0.54
(2,2145)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	17	0.54
(2,2145)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	17	0.54
(2,2145)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	17	0.54
(2,2145)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	17	0.54
(2,2145)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	17	0.54
(2,2129)	1:39:A:VAL:HG11	1:143:A:TRP:H	3	0.54
(2,2129)	1:39:A:VAL:HG12	1:143:A:TRP:H	3	0.54
(2,2129)	1:39:A:VAL:HG13	1:143:A:TRP:H	3	0.54
(2,2129)	1:39:A:VAL:HG21	1:143:A:TRP:H	3	0.54
(2,2129)	1:39:A:VAL:HG22	1:143:A:TRP:H	3	0.54
(2,2129)	1:39:A:VAL:HG23	1:143:A:TRP:H	3	0.54
(2,2054)	1:23:A:LEU:HD11	1:24:A:ASP:H	15	0.54
(2,2054)	1:23:A:LEU:HD12	1:24:A:ASP:H	15	0.54
(2,2054)	1:23:A:LEU:HD13	1:24:A:ASP:H	15	0.54
(2,2054)	1:23:A:LEU:HD21	1:24:A:ASP:H	15	0.54
(2,2054)	1:23:A:LEU:HD22	1:24:A:ASP:H	15	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2054)	1:23:A:LEU:HD23	1:24:A:ASP:H	15	0.54
(2,1969)	1:10:A:ASN:HD21	1:12:A:VAL:HG11	19	0.54
(2,1969)	1:10:A:ASN:HD21	1:12:A:VAL:HG12	19	0.54
(2,1969)	1:10:A:ASN:HD21	1:12:A:VAL:HG13	19	0.54
(2,1969)	1:10:A:ASN:HD21	1:12:A:VAL:HG21	19	0.54
(2,1969)	1:10:A:ASN:HD21	1:12:A:VAL:HG22	19	0.54
(2,1969)	1:10:A:ASN:HD21	1:12:A:VAL:HG23	19	0.54
(2,1969)	1:10:A:ASN:HD22	1:12:A:VAL:HG11	19	0.54
(2,1969)	1:10:A:ASN:HD22	1:12:A:VAL:HG12	19	0.54
(2,1969)	1:10:A:ASN:HD22	1:12:A:VAL:HG13	19	0.54
(2,1969)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	19	0.54
(2,1969)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	19	0.54
(2,1969)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	19	0.54
(2,1924)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	11	0.54
(2,1924)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	11	0.54
(2,1924)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	11	0.54
(2,1924)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	11	0.54
(2,1804)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	8	0.54
(2,1804)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	8	0.54
(2,1784)	1:57:A:LEU:HG	1:60:A:LEU:HG	5	0.54
(2,1782)	1:141:A:LYS:HA	1:144:A:LEU:HD21	5	0.54
(2,1782)	1:141:A:LYS:HA	1:144:A:LEU:HD22	5	0.54
(2,1782)	1:141:A:LYS:HA	1:144:A:LEU:HD23	5	0.54
(2,1724)	1:141:A:LYS:HA	1:145:A:PRO:HD3	3	0.54
(2,1540)	1:63:A:ILE:HG21	1:116:A:GLN:HE21	17	0.54
(2,1540)	1:63:A:ILE:HG22	1:116:A:GLN:HE21	17	0.54
(2,1540)	1:63:A:ILE:HG23	1:116:A:GLN:HE21	17	0.54
(2,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	3	0.54
(2,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	3	0.54
(2,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	3	0.54
(2,1354)	1:73:A:ILE:HB	1:76:A:ARG:HA	18	0.54
(2,983)	1:12:A:VAL:HB	1:43:A:MET:HE1	19	0.54
(2,983)	1:12:A:VAL:HB	1:43:A:MET:HE2	19	0.54
(2,983)	1:12:A:VAL:HB	1:43:A:MET:HE3	19	0.54
(2,910)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	9	0.54
(2,910)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	9	0.54
(2,910)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	9	0.54
(2,813)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	8	0.54
(2,813)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	8	0.54
(2,813)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	8	0.54
(2,812)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	16	0.54
(2,812)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	16	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,812)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	16	0.54
(2,695)	1:98:A:ILE:H	1:104:A:PHE:H	3	0.54
(2,642)	1:66:A:THR:H	1:69:A:MET:HA	19	0.54
(2,617)	1:23:A:LEU:HD21	1:25:A:ALA:H	16	0.54
(2,617)	1:23:A:LEU:HD22	1:25:A:ALA:H	16	0.54
(2,617)	1:23:A:LEU:HD23	1:25:A:ALA:H	16	0.54
(2,559)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	17	0.54
(2,559)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	17	0.54
(2,559)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	17	0.54
(2,368)	1:132:A:ALA:H	1:133:A:ASN:HD22	18	0.54
(2,308)	1:64:A:LYS:HD2	1:65:A:CYS:H	4	0.54
(2,308)	1:64:A:LYS:HD3	1:65:A:CYS:H	4	0.54
(2,214)	1:110:A:MET:HG2	1:114:A:ILE:H	17	0.54
(2,214)	1:110:A:MET:HG3	1:114:A:ILE:H	17	0.54
(2,174)	1:8:A:ASP:H	1:58:A:ILE:HG13	19	0.54
(2,121)	1:79:A:THR:HB	1:80:A:TYR:H	12	0.54
(2,92)	1:95:A:ILE:HG21	1:97:A:ASP:H	8	0.54
(2,92)	1:95:A:ILE:HG22	1:97:A:ASP:H	8	0.54
(2,92)	1:95:A:ILE:HG23	1:97:A:ASP:H	8	0.54
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	19	0.54
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	19	0.54
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	19	0.54
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	19	0.54
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	19	0.54
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	19	0.54
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	19	0.54
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	19	0.54
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	19	0.54
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	19	0.54
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	19	0.54
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	19	0.54
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG11	8	0.54
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG12	8	0.54
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG13	8	0.54
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG21	8	0.54
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG22	8	0.54
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG23	8	0.54
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	12	0.54
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	12	0.54
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	12	0.54
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	12	0.54
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	12	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	12	0.54
(1,2029)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	3	0.54
(1,2029)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	3	0.54
(1,2029)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	3	0.54
(1,2029)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	3	0.54
(1,2029)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	3	0.54
(1,2029)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	3	0.54
(1,2029)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	3	0.54
(1,2029)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	3	0.54
(1,2029)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	3	0.54
(1,2029)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	3	0.54
(1,2029)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	3	0.54
(1,2029)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	3	0.54
(1,2006)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	12	0.54
(1,2006)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	12	0.54
(1,2006)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	12	0.54
(1,2006)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	12	0.54
(1,2006)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	12	0.54
(1,2006)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	12	0.54
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG11	1	0.54
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG12	1	0.54
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG13	1	0.54
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG21	1	0.54
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG22	1	0.54
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG23	1	0.54
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG11	1	0.54
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG12	1	0.54
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG13	1	0.54
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG21	1	0.54
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG22	1	0.54
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG23	1	0.54
(1,1861)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	16	0.54
(1,1861)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	16	0.54
(1,1861)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	16	0.54
(1,1861)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	16	0.54
(1,1810)	1:9:A:PHE:HD1	1:11:A:ILE:HB	7	0.54
(1,1810)	1:9:A:PHE:HD2	1:11:A:ILE:HB	7	0.54
(1,1798)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	14	0.54
(1,1798)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	14	0.54
(1,1798)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	14	0.54
(1,1798)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	14	0.54
(1,1795)	1:13:A:ALA:H	1:80:A:TYR:HD1	17	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1795)	1:13:A:ALA:H	1:80:A:TYR:HD2	17	0.54
(1,1794)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	8	0.54
(1,1794)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	8	0.54
(1,1721)	1:67:A:PRO:HD2	1:95:A:ILE:HA	11	0.54
(1,1604)	1:63:A:ILE:HG21	1:116:A:GLN:HE21	17	0.54
(1,1604)	1:63:A:ILE:HG22	1:116:A:GLN:HE21	17	0.54
(1,1604)	1:63:A:ILE:HG23	1:116:A:GLN:HE21	17	0.54
(1,1480)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	11	0.54
(1,1480)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	11	0.54
(1,1480)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	11	0.54
(1,1480)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	11	0.54
(1,1480)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	11	0.54
(1,1480)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	11	0.54
(1,1480)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	14	0.54
(1,1480)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	14	0.54
(1,1480)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	14	0.54
(1,1480)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	14	0.54
(1,1480)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	14	0.54
(1,1480)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	14	0.54
(1,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	3	0.54
(1,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	3	0.54
(1,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	3	0.54
(1,1256)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	15	0.54
(1,1256)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	15	0.54
(1,1256)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	15	0.54
(1,1256)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	15	0.54
(1,1256)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	15	0.54
(1,1256)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	15	0.54
(1,1256)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	15	0.54
(1,1256)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	15	0.54
(1,1256)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	15	0.54
(1,1019)	1:98:A:ILE:HB	1:105:A:LYS:HB2	4	0.54
(1,1019)	1:98:A:ILE:HB	1:105:A:LYS:HB3	4	0.54
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	1	0.54
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	1	0.54
(1,835)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	1	0.54
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	1	0.54
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	1	0.54
(1,835)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	1	0.54
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	1	0.54
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	1	0.54
(1,835)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	1	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,650)	1:66:A:THR:H	1:69:A:MET:HA	19	0.54
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD21	14	0.54
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD22	14	0.54
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD23	14	0.54
(1,314)	1:64:A:LYS:HD2	1:65:A:CYS:H	4	0.54
(1,314)	1:64:A:LYS:HD3	1:65:A:CYS:H	4	0.54
(1,226)	1:110:A:MET:HG2	1:114:A:ILE:H	17	0.54
(1,226)	1:110:A:MET:HG3	1:114:A:ILE:H	17	0.54
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD1	15	0.54
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD2	15	0.54
(1,132)	1:79:A:THR:HB	1:80:A:TYR:H	12	0.54
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD11	10	0.53
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD12	10	0.53
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD13	10	0.53
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD21	10	0.53
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD22	10	0.53
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD23	10	0.53
(34,2129)	1:39:A:VAL:HG11	1:144:A:LEU:HD21	16	0.53
(34,2129)	1:39:A:VAL:HG11	1:144:A:LEU:HD22	16	0.53
(34,2129)	1:39:A:VAL:HG11	1:144:A:LEU:HD23	16	0.53
(34,2129)	1:39:A:VAL:HG12	1:144:A:LEU:HD21	16	0.53
(34,2129)	1:39:A:VAL:HG12	1:144:A:LEU:HD22	16	0.53
(34,2129)	1:39:A:VAL:HG12	1:144:A:LEU:HD23	16	0.53
(34,2129)	1:39:A:VAL:HG13	1:144:A:LEU:HD21	16	0.53
(34,2129)	1:39:A:VAL:HG13	1:144:A:LEU:HD22	16	0.53
(34,2129)	1:39:A:VAL:HG13	1:144:A:LEU:HD23	16	0.53
(34,2129)	1:39:A:VAL:HG21	1:144:A:LEU:HD21	16	0.53
(34,2129)	1:39:A:VAL:HG21	1:144:A:LEU:HD22	16	0.53
(34,2129)	1:39:A:VAL:HG21	1:144:A:LEU:HD23	16	0.53
(34,2129)	1:39:A:VAL:HG22	1:144:A:LEU:HD21	16	0.53
(34,2129)	1:39:A:VAL:HG22	1:144:A:LEU:HD22	16	0.53
(34,2129)	1:39:A:VAL:HG22	1:144:A:LEU:HD23	16	0.53
(34,2129)	1:39:A:VAL:HG23	1:144:A:LEU:HD21	16	0.53
(34,2129)	1:39:A:VAL:HG23	1:144:A:LEU:HD22	16	0.53
(34,2129)	1:39:A:VAL:HG23	1:144:A:LEU:HD23	16	0.53
(34,1981)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	19	0.53
(34,1981)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	19	0.53
(34,1981)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	19	0.53
(34,1981)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	19	0.53
(34,1981)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	19	0.53
(34,1981)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	19	0.53
(34,1981)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	19	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1981)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	19	0.53
(34,1981)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	19	0.53
(34,1981)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	19	0.53
(34,1981)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	19	0.53
(34,1981)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	19	0.53
(34,1975)	1:12:A:VAL:HG11	1:43:A:MET:HB3	13	0.53
(34,1975)	1:12:A:VAL:HG12	1:43:A:MET:HB3	13	0.53
(34,1975)	1:12:A:VAL:HG13	1:43:A:MET:HB3	13	0.53
(34,1975)	1:12:A:VAL:HG21	1:43:A:MET:HB3	13	0.53
(34,1975)	1:12:A:VAL:HG22	1:43:A:MET:HB3	13	0.53
(34,1975)	1:12:A:VAL:HG23	1:43:A:MET:HB3	13	0.53
(34,1935)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	8	0.53
(34,1935)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	8	0.53
(34,1892)	1:104:A:PHE:HE1	1:115:A:ALA:H	10	0.53
(34,1892)	1:104:A:PHE:HE2	1:115:A:ALA:H	10	0.53
(34,1804)	1:13:A:ALA:HA	1:80:A:TYR:HD1	9	0.53
(34,1804)	1:13:A:ALA:HA	1:80:A:TYR:HD2	9	0.53
(34,1715)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	7	0.53
(34,1715)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	7	0.53
(34,1627)	1:24:A:ASP:HA	1:27:A:ARG:HA	14	0.53
(34,1609)	1:63:A:ILE:HG21	1:116:A:GLN:HB2	17	0.53
(34,1609)	1:63:A:ILE:HG21	1:116:A:GLN:HB3	17	0.53
(34,1609)	1:63:A:ILE:HG22	1:116:A:GLN:HB2	17	0.53
(34,1609)	1:63:A:ILE:HG22	1:116:A:GLN:HB3	17	0.53
(34,1609)	1:63:A:ILE:HG23	1:116:A:GLN:HB2	17	0.53
(34,1609)	1:63:A:ILE:HG23	1:116:A:GLN:HB3	17	0.53
(34,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE1	16	0.53
(34,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE2	16	0.53
(34,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE3	16	0.53
(34,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE1	16	0.53
(34,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE2	16	0.53
(34,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE3	16	0.53
(34,1357)	1:103:A:ARG:HG2	1:106:A:ASP:HA	14	0.53
(34,1357)	1:103:A:ARG:HG3	1:106:A:ASP:HA	14	0.53
(34,1318)	1:66:A:THR:HG21	1:96:A:VAL:H	7	0.53
(34,1318)	1:66:A:THR:HG22	1:96:A:VAL:H	7	0.53
(34,1318)	1:66:A:THR:HG23	1:96:A:VAL:H	7	0.53
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD11	19	0.53
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD12	19	0.53
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD13	19	0.53
(34,1246)	1:110:A:MET:HA	1:113:A:PHE:HB2	19	0.53
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD11	9	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD12	9	0.53
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD13	9	0.53
(34,1016)	1:12:A:VAL:HB	1:43:A:MET:HE1	3	0.53
(34,1016)	1:12:A:VAL:HB	1:43:A:MET:HE2	3	0.53
(34,1016)	1:12:A:VAL:HB	1:43:A:MET:HE3	3	0.53
(34,945)	1:34:A:LYS:H	1:81:A:GLU:HG2	1	0.53
(34,945)	1:34:A:LYS:H	1:81:A:GLU:HG3	1	0.53
(34,945)	1:34:A:LYS:H	1:81:A:GLU:HG2	6	0.53
(34,945)	1:34:A:LYS:H	1:81:A:GLU:HG3	6	0.53
(34,945)	1:34:A:LYS:H	1:81:A:GLU:HG2	19	0.53
(34,945)	1:34:A:LYS:H	1:81:A:GLU:HG3	19	0.53
(34,239)	1:11:A:ILE:HB	1:44:A:GLU:H	4	0.53
(34,236)	1:44:A:GLU:HG3	1:48:A:ARG:H	7	0.53
(33,2205)	1:60:A:LEU:HD11	1:120:A:CYS:HA	18	0.53
(33,2205)	1:60:A:LEU:HD12	1:120:A:CYS:HA	18	0.53
(33,2205)	1:60:A:LEU:HD13	1:120:A:CYS:HA	18	0.53
(33,2205)	1:60:A:LEU:HD21	1:120:A:CYS:HA	18	0.53
(33,2205)	1:60:A:LEU:HD22	1:120:A:CYS:HA	18	0.53
(33,2205)	1:60:A:LEU:HD23	1:120:A:CYS:HA	18	0.53
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD11	17	0.53
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD12	17	0.53
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD13	17	0.53
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD21	17	0.53
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD22	17	0.53
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD23	17	0.53
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	15	0.53
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	15	0.53
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	15	0.53
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	15	0.53
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	15	0.53
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	15	0.53
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	15	0.53
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	15	0.53
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	15	0.53
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	15	0.53
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	15	0.53
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	15	0.53
(33,1942)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	5	0.53
(33,1942)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	5	0.53
(33,1942)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	5	0.53
(33,1942)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	5	0.53
(33,1909)	1:35:A:LEU:HG	1:80:A:TYR:HE1	3	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1909)	1:35:A:LEU:HG	1:80:A:TYR:HE2	3	0.53
(33,1790)	1:68:A:LYS:HA	1:72:A:PHE:HD1	11	0.53
(33,1790)	1:68:A:LYS:HA	1:72:A:PHE:HD2	11	0.53
(33,1733)	1:31:A:PRO:HB2	1:35:A:LEU:HA	2	0.53
(33,1733)	1:31:A:PRO:HB3	1:35:A:LEU:HA	2	0.53
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD21	12	0.53
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD22	12	0.53
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD23	12	0.53
(33,1603)	1:24:A:ASP:HA	1:27:A:ARG:HA	14	0.53
(33,1582)	1:63:A:ILE:HG21	1:116:A:GLN:HB2	17	0.53
(33,1582)	1:63:A:ILE:HG21	1:116:A:GLN:HB3	17	0.53
(33,1582)	1:63:A:ILE:HG22	1:116:A:GLN:HB2	17	0.53
(33,1582)	1:63:A:ILE:HG22	1:116:A:GLN:HB3	17	0.53
(33,1582)	1:63:A:ILE:HG23	1:116:A:GLN:HB2	17	0.53
(33,1582)	1:63:A:ILE:HG23	1:116:A:GLN:HB3	17	0.53
(33,1562)	1:61:A:SER:HA	1:63:A:ILE:HD11	11	0.53
(33,1562)	1:61:A:SER:HA	1:63:A:ILE:HD12	11	0.53
(33,1562)	1:61:A:SER:HA	1:63:A:ILE:HD13	11	0.53
(33,1554)	1:11:A:ILE:HD11	1:43:A:MET:H	15	0.53
(33,1554)	1:11:A:ILE:HD12	1:43:A:MET:H	15	0.53
(33,1554)	1:11:A:ILE:HD13	1:43:A:MET:H	15	0.53
(33,1526)	1:76:A:ARG:HG2	1:110:A:MET:HE1	16	0.53
(33,1526)	1:76:A:ARG:HG2	1:110:A:MET:HE2	16	0.53
(33,1526)	1:76:A:ARG:HG2	1:110:A:MET:HE3	16	0.53
(33,1526)	1:76:A:ARG:HG3	1:110:A:MET:HE1	16	0.53
(33,1526)	1:76:A:ARG:HG3	1:110:A:MET:HE2	16	0.53
(33,1526)	1:76:A:ARG:HG3	1:110:A:MET:HE3	16	0.53
(33,1510)	1:69:A:MET:HE1	1:116:A:GLN:HE21	9	0.53
(33,1510)	1:69:A:MET:HE2	1:116:A:GLN:HE21	9	0.53
(33,1510)	1:69:A:MET:HE3	1:116:A:GLN:HE21	9	0.53
(33,1474)	1:95:A:ILE:HA	1:95:A:ILE:HG21	2	0.53
(33,1474)	1:95:A:ILE:HA	1:95:A:ILE:HG22	2	0.53
(33,1474)	1:95:A:ILE:HA	1:95:A:ILE:HG23	2	0.53
(33,1473)	1:101:A:ILE:HG21	1:115:A:ALA:HA	12	0.53
(33,1473)	1:101:A:ILE:HG22	1:115:A:ALA:HA	12	0.53
(33,1473)	1:101:A:ILE:HG23	1:115:A:ALA:HA	12	0.53
(33,1431)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	17	0.53
(33,1431)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	17	0.53
(33,1431)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	17	0.53
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG11	7	0.53
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG12	7	0.53
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG13	7	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1254)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	2	0.53
(33,1254)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	2	0.53
(33,1254)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	2	0.53
(33,1254)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	2	0.53
(33,1254)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	2	0.53
(33,1254)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	2	0.53
(33,1254)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	2	0.53
(33,1254)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	2	0.53
(33,1254)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	2	0.53
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD21	3	0.53
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD22	3	0.53
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD23	3	0.53
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD11	19	0.53
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD12	19	0.53
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD13	19	0.53
(33,1082)	1:45:A:ALA:HA	1:48:A:ARG:HG2	2	0.53
(33,1082)	1:45:A:ALA:HA	1:48:A:ARG:HG3	2	0.53
(33,971)	1:141:A:LYS:HB2	1:149:A:ALA:HA	18	0.53
(33,971)	1:141:A:LYS:HB3	1:149:A:ALA:HA	18	0.53
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB1	19	0.53
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB2	19	0.53
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB3	19	0.53
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB1	19	0.53
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB2	19	0.53
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB3	19	0.53
(33,874)	1:56:A:CYS:H	1:122:A:ASP:HB2	6	0.53
(33,864)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	19	0.53
(33,864)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	19	0.53
(33,248)	1:58:A:ILE:H	1:58:A:ILE:HD11	13	0.53
(33,248)	1:58:A:ILE:H	1:58:A:ILE:HD12	13	0.53
(33,248)	1:58:A:ILE:H	1:58:A:ILE:HD13	13	0.53
(33,163)	1:95:A:ILE:H	1:95:A:ILE:HB	2	0.53
(33,74)	1:79:A:THR:HG21	1:81:A:GLU:H	12	0.53
(33,74)	1:79:A:THR:HG22	1:81:A:GLU:H	12	0.53
(33,74)	1:79:A:THR:HG23	1:81:A:GLU:H	12	0.53
(32,2467)	1:140:A:LEU:HD11	1:143:A:TRP:H	10	0.53
(32,2467)	1:140:A:LEU:HD12	1:143:A:TRP:H	10	0.53
(32,2467)	1:140:A:LEU:HD13	1:143:A:TRP:H	10	0.53
(32,2467)	1:140:A:LEU:HD21	1:143:A:TRP:H	10	0.53
(32,2467)	1:140:A:LEU:HD22	1:143:A:TRP:H	10	0.53
(32,2467)	1:140:A:LEU:HD23	1:143:A:TRP:H	10	0.53
(32,2285)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	1	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2285)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	1	0.53
(32,2285)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	1	0.53
(32,2285)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	1	0.53
(32,2285)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	1	0.53
(32,2285)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	1	0.53
(32,2285)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	1	0.53
(32,2285)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	1	0.53
(32,2285)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	1	0.53
(32,2285)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	1	0.53
(32,2285)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	1	0.53
(32,2285)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	1	0.53
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	19	0.53
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	19	0.53
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	19	0.53
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	19	0.53
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	19	0.53
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	19	0.53
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	19	0.53
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	19	0.53
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	19	0.53
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	19	0.53
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	19	0.53
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	19	0.53
(32,1926)	1:11:A:ILE:HG13	1:57:A:LEU:HD11	14	0.53
(32,1926)	1:11:A:ILE:HG13	1:57:A:LEU:HD12	14	0.53
(32,1926)	1:11:A:ILE:HG13	1:57:A:LEU:HD13	14	0.53
(32,1926)	1:11:A:ILE:HG13	1:57:A:LEU:HD21	14	0.53
(32,1926)	1:11:A:ILE:HG13	1:57:A:LEU:HD22	14	0.53
(32,1926)	1:11:A:ILE:HG13	1:57:A:LEU:HD23	14	0.53
(32,1869)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	9	0.53
(32,1869)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	9	0.53
(32,1869)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	9	0.53
(32,1869)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	9	0.53
(32,1851)	1:104:A:PHE:HE1	1:105:A:LYS:H	11	0.53
(32,1851)	1:104:A:PHE:HE2	1:105:A:LYS:H	11	0.53
(32,1821)	1:9:A:PHE:HD1	1:57:A:LEU:HG	13	0.53
(32,1821)	1:9:A:PHE:HD2	1:57:A:LEU:HG	13	0.53
(32,1756)	1:68:A:LYS:HA	1:72:A:PHE:HD1	11	0.53
(32,1756)	1:68:A:LYS:HA	1:72:A:PHE:HD2	11	0.53
(32,1751)	1:13:A:ALA:HA	1:80:A:TYR:HD1	9	0.53
(32,1751)	1:13:A:ALA:HA	1:80:A:TYR:HD2	9	0.53
(32,1750)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	14	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1750)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	14	0.53
(32,1750)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	14	0.53
(32,1750)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	14	0.53
(32,1577)	1:24:A:ASP:HA	1:27:A:ARG:HA	14	0.53
(32,1555)	1:63:A:ILE:HG21	1:116:A:GLN:HB2	17	0.53
(32,1555)	1:63:A:ILE:HG21	1:116:A:GLN:HB3	17	0.53
(32,1555)	1:63:A:ILE:HG22	1:116:A:GLN:HB2	17	0.53
(32,1555)	1:63:A:ILE:HG22	1:116:A:GLN:HB3	17	0.53
(32,1555)	1:63:A:ILE:HG23	1:116:A:GLN:HB2	17	0.53
(32,1555)	1:63:A:ILE:HG23	1:116:A:GLN:HB3	17	0.53
(32,1546)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	2	0.53
(32,1546)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	2	0.53
(32,1546)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	2	0.53
(32,1534)	1:61:A:SER:HA	1:63:A:ILE:HD11	11	0.53
(32,1534)	1:61:A:SER:HA	1:63:A:ILE:HD12	11	0.53
(32,1534)	1:61:A:SER:HA	1:63:A:ILE:HD13	11	0.53
(32,1520)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	0.53
(32,1520)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	0.53
(32,1520)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	0.53
(32,1520)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	0.53
(32,1520)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	0.53
(32,1520)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	0.53
(32,1512)	1:38:A:GLU:HA	1:139:A:LEU:HD21	4	0.53
(32,1512)	1:38:A:GLU:HA	1:139:A:LEU:HD22	4	0.53
(32,1512)	1:38:A:GLU:HA	1:139:A:LEU:HD23	4	0.53
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE1	2	0.53
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE2	2	0.53
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE3	2	0.53
(32,1441)	1:101:A:ILE:HG21	1:115:A:ALA:HA	12	0.53
(32,1441)	1:101:A:ILE:HG22	1:115:A:ALA:HA	12	0.53
(32,1441)	1:101:A:ILE:HG23	1:115:A:ALA:HA	12	0.53
(32,1440)	1:101:A:ILE:HG21	1:116:A:GLN:H	6	0.53
(32,1440)	1:101:A:ILE:HG22	1:116:A:GLN:H	6	0.53
(32,1440)	1:101:A:ILE:HG23	1:116:A:GLN:H	6	0.53
(32,1237)	1:15:A:ALA:HA	1:131:A:LEU:HB2	16	0.53
(32,1091)	1:40:A:LEU:HA	1:44:A:GLU:HB2	10	0.53
(32,1091)	1:40:A:LEU:HA	1:44:A:GLU:HB3	10	0.53
(32,799)	1:98:A:ILE:HD11	1:101:A:ILE:HB	17	0.53
(32,799)	1:98:A:ILE:HD12	1:101:A:ILE:HB	17	0.53
(32,799)	1:98:A:ILE:HD13	1:101:A:ILE:HB	17	0.53
(32,65)	1:79:A:THR:HG21	1:81:A:GLU:H	12	0.53
(32,65)	1:79:A:THR:HG22	1:81:A:GLU:H	12	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,65)	1:79:A:THR:HG23	1:81:A:GLU:H	12	0.53
(32,62)	1:81:A:GLU:H	1:81:A:GLU:HB3	4	0.53
(30,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	3	0.53
(30,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	3	0.53
(30,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	3	0.53
(30,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	3	0.53
(30,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	3	0.53
(30,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	3	0.53
(30,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	3	0.53
(30,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	3	0.53
(30,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	3	0.53
(30,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	3	0.53
(30,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	3	0.53
(30,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	3	0.53
(30,2345)	1:107:A:LEU:HD11	1:112:A:GLN:H	3	0.53
(30,2345)	1:107:A:LEU:HD12	1:112:A:GLN:H	3	0.53
(30,2345)	1:107:A:LEU:HD13	1:112:A:GLN:H	3	0.53
(30,2345)	1:107:A:LEU:HD21	1:112:A:GLN:H	3	0.53
(30,2345)	1:107:A:LEU:HD22	1:112:A:GLN:H	3	0.53
(30,2345)	1:107:A:LEU:HD23	1:112:A:GLN:H	3	0.53
(30,2330)	1:105:A:LYS:H	1:105:A:LYS:HG2	13	0.53
(30,2330)	1:105:A:LYS:H	1:105:A:LYS:HG3	13	0.53
(30,2157)	1:43:A:MET:H	1:43:A:MET:HG2	19	0.53
(30,2157)	1:43:A:MET:H	1:43:A:MET:HG3	19	0.53
(30,1971)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	3	0.53
(30,1971)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	3	0.53
(30,1971)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	3	0.53
(30,1971)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	3	0.53
(30,1971)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	3	0.53
(30,1971)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	3	0.53
(30,1971)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	3	0.53
(30,1971)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	3	0.53
(30,1971)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	3	0.53
(30,1971)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	3	0.53
(30,1971)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	3	0.53
(30,1971)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	3	0.53
(30,1971)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	3	0.53
(30,1971)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	3	0.53
(30,1971)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	3	0.53
(30,1971)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	3	0.53
(30,1971)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	3	0.53
(30,1971)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	3	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1912)	1:35:A:LEU:HG	1:80:A:TYR:HE1	11	0.53
(30,1912)	1:35:A:LEU:HG	1:80:A:TYR:HE2	11	0.53
(30,1885)	1:104:A:PHE:HE1	1:115:A:ALA:H	10	0.53
(30,1885)	1:104:A:PHE:HE2	1:115:A:ALA:H	10	0.53
(30,1790)	1:13:A:ALA:HA	1:80:A:TYR:HD1	9	0.53
(30,1790)	1:13:A:ALA:HA	1:80:A:TYR:HD2	9	0.53
(30,1649)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	15	0.53
(30,1649)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	15	0.53
(30,1649)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	15	0.53
(30,1649)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	15	0.53
(30,1649)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	15	0.53
(30,1649)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	15	0.53
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	3	0.53
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	3	0.53
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	3	0.53
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	8	0.53
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	8	0.53
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	8	0.53
(30,1595)	1:63:A:ILE:HG21	1:116:A:GLN:HB2	17	0.53
(30,1595)	1:63:A:ILE:HG21	1:116:A:GLN:HB3	17	0.53
(30,1595)	1:63:A:ILE:HG22	1:116:A:GLN:HB2	17	0.53
(30,1595)	1:63:A:ILE:HG22	1:116:A:GLN:HB3	17	0.53
(30,1595)	1:63:A:ILE:HG23	1:116:A:GLN:HB2	17	0.53
(30,1595)	1:63:A:ILE:HG23	1:116:A:GLN:HB3	17	0.53
(30,1584)	1:101:A:ILE:HD11	1:112:A:GLN:HA	10	0.53
(30,1584)	1:101:A:ILE:HD12	1:112:A:GLN:HA	10	0.53
(30,1584)	1:101:A:ILE:HD13	1:112:A:GLN:HA	10	0.53
(30,1566)	1:11:A:ILE:HD11	1:43:A:MET:H	15	0.53
(30,1566)	1:11:A:ILE:HD12	1:43:A:MET:H	15	0.53
(30,1566)	1:11:A:ILE:HD13	1:43:A:MET:H	15	0.53
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE1	17	0.53
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE2	17	0.53
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE3	17	0.53
(30,1481)	1:95:A:ILE:HA	1:95:A:ILE:HG21	2	0.53
(30,1481)	1:95:A:ILE:HA	1:95:A:ILE:HG22	2	0.53
(30,1481)	1:95:A:ILE:HA	1:95:A:ILE:HG23	2	0.53
(30,1333)	1:103:A:ARG:HG2	1:106:A:ASP:HA	14	0.53
(30,1333)	1:103:A:ARG:HG3	1:106:A:ASP:HA	14	0.53
(30,1295)	1:60:A:LEU:HA	1:60:A:LEU:HD21	15	0.53
(30,1295)	1:60:A:LEU:HA	1:60:A:LEU:HD22	15	0.53
(30,1295)	1:60:A:LEU:HA	1:60:A:LEU:HD23	15	0.53
(30,1262)	1:113:A:PHE:HE1	1:117:A:VAL:HG21	15	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1262)	1:113:A:PHE:HE1	1:117:A:VAL:HG22	15	0.53
(30,1262)	1:113:A:PHE:HE1	1:117:A:VAL:HG23	15	0.53
(30,1262)	1:113:A:PHE:HE2	1:117:A:VAL:HG21	15	0.53
(30,1262)	1:113:A:PHE:HE2	1:117:A:VAL:HG22	15	0.53
(30,1262)	1:113:A:PHE:HE2	1:117:A:VAL:HG23	15	0.53
(30,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD11	8	0.53
(30,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD12	8	0.53
(30,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD13	8	0.53
(30,1215)	1:110:A:MET:HA	1:113:A:PHE:HB2	19	0.53
(30,1202)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	8	0.53
(30,1202)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	8	0.53
(30,1202)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	8	0.53
(30,1202)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	8	0.53
(30,1202)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	8	0.53
(30,1202)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	8	0.53
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	15	0.53
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	15	0.53
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	15	0.53
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	15	0.53
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	15	0.53
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	15	0.53
(30,792)	1:54:A:ARG:HB3	1:58:A:ILE:HD11	11	0.53
(30,792)	1:54:A:ARG:HB3	1:58:A:ILE:HD12	11	0.53
(30,792)	1:54:A:ARG:HB3	1:58:A:ILE:HD13	11	0.53
(30,629)	1:9:A:PHE:HZ	1:58:A:ILE:H	17	0.53
(30,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	19	0.53
(30,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	19	0.53
(30,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	19	0.53
(30,92)	1:96:A:VAL:H	1:97:A:ASP:H	18	0.53
(30,44)	1:44:A:GLU:HG3	1:47:A:ALA:H	19	0.53
(30,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	1	0.53
(30,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	1	0.53
(29,2398)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	3	0.53
(29,2398)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	3	0.53
(29,2398)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	3	0.53
(29,2398)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	3	0.53
(29,2398)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	3	0.53
(29,2398)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	3	0.53
(29,2398)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	3	0.53
(29,2398)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	3	0.53
(29,2398)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	3	0.53
(29,2398)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	3	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2398)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	3	0.53
(29,2398)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	3	0.53
(29,1902)	1:104:A:PHE:HE1	1:115:A:ALA:H	10	0.53
(29,1902)	1:104:A:PHE:HE2	1:115:A:ALA:H	10	0.53
(29,1901)	1:104:A:PHE:HE1	1:105:A:LYS:H	11	0.53
(29,1901)	1:104:A:PHE:HE2	1:105:A:LYS:H	11	0.53
(29,1815)	1:68:A:LYS:HA	1:72:A:PHE:HD1	11	0.53
(29,1815)	1:68:A:LYS:HA	1:72:A:PHE:HD2	11	0.53
(29,1810)	1:13:A:ALA:HA	1:80:A:TYR:HD1	9	0.53
(29,1810)	1:13:A:ALA:HA	1:80:A:TYR:HD2	9	0.53
(29,1805)	1:80:A:TYR:HD1	1:81:A:GLU:HA	16	0.53
(29,1805)	1:80:A:TYR:HD2	1:81:A:GLU:HA	16	0.53
(29,1681)	1:69:A:MET:HE1	1:116:A:GLN:HE21	9	0.53
(29,1681)	1:69:A:MET:HE2	1:116:A:GLN:HE21	9	0.53
(29,1681)	1:69:A:MET:HE3	1:116:A:GLN:HE21	9	0.53
(29,1676)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	13	0.53
(29,1676)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	13	0.53
(29,1676)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	13	0.53
(29,1676)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	13	0.53
(29,1676)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	13	0.53
(29,1676)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	13	0.53
(29,1676)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	13	0.53
(29,1676)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	13	0.53
(29,1676)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	13	0.53
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	3	0.53
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	3	0.53
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	3	0.53
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	8	0.53
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	8	0.53
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	8	0.53
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	12	0.53
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	12	0.53
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	12	0.53
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	12	0.53
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	12	0.53
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	12	0.53
(29,1606)	1:63:A:ILE:HG21	1:116:A:GLN:HB2	17	0.53
(29,1606)	1:63:A:ILE:HG21	1:116:A:GLN:HB3	17	0.53
(29,1606)	1:63:A:ILE:HG22	1:116:A:GLN:HB2	17	0.53
(29,1606)	1:63:A:ILE:HG22	1:116:A:GLN:HB3	17	0.53
(29,1606)	1:63:A:ILE:HG23	1:116:A:GLN:HB2	17	0.53
(29,1606)	1:63:A:ILE:HG23	1:116:A:GLN:HB3	17	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1577)	1:11:A:ILE:HD11	1:43:A:MET:H	15	0.53
(29,1577)	1:11:A:ILE:HD12	1:43:A:MET:H	15	0.53
(29,1577)	1:11:A:ILE:HD13	1:43:A:MET:H	15	0.53
(29,1490)	1:95:A:ILE:HA	1:95:A:ILE:HG21	2	0.53
(29,1490)	1:95:A:ILE:HA	1:95:A:ILE:HG22	2	0.53
(29,1490)	1:95:A:ILE:HA	1:95:A:ILE:HG23	2	0.53
(29,1489)	1:101:A:ILE:HG21	1:115:A:ALA:HA	12	0.53
(29,1489)	1:101:A:ILE:HG22	1:115:A:ALA:HA	12	0.53
(29,1489)	1:101:A:ILE:HG23	1:115:A:ALA:HA	12	0.53
(29,1180)	1:140:A:LEU:HD21	1:144:A:LEU:H	6	0.53
(29,1180)	1:140:A:LEU:HD22	1:144:A:LEU:H	6	0.53
(29,1180)	1:140:A:LEU:HD23	1:144:A:LEU:H	6	0.53
(29,1100)	1:70:A:LYS:HA	1:70:A:LYS:HE2	7	0.53
(29,1100)	1:70:A:LYS:HA	1:70:A:LYS:HE3	7	0.53
(29,936)	1:34:A:LYS:H	1:81:A:GLU:HG2	1	0.53
(29,936)	1:34:A:LYS:H	1:81:A:GLU:HG3	1	0.53
(29,936)	1:34:A:LYS:H	1:81:A:GLU:HG2	6	0.53
(29,936)	1:34:A:LYS:H	1:81:A:GLU:HG3	6	0.53
(29,936)	1:34:A:LYS:H	1:81:A:GLU:HG2	19	0.53
(29,936)	1:34:A:LYS:H	1:81:A:GLU:HG3	19	0.53
(29,927)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	1	0.53
(29,927)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	1	0.53
(29,927)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	1	0.53
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD11	11	0.53
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD12	11	0.53
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD13	11	0.53
(29,775)	1:53:A:THR:H	1:124:A:THR:HG21	17	0.53
(29,775)	1:53:A:THR:H	1:124:A:THR:HG22	17	0.53
(29,775)	1:53:A:THR:H	1:124:A:THR:HG23	17	0.53
(29,595)	1:75:A:GLY:H	1:76:A:ARG:HG2	14	0.53
(29,595)	1:75:A:GLY:H	1:76:A:ARG:HG3	14	0.53
(29,173)	1:95:A:ILE:H	1:95:A:ILE:HB	2	0.53
(29,72)	1:79:A:THR:HG21	1:81:A:GLU:H	12	0.53
(29,72)	1:79:A:THR:HG22	1:81:A:GLU:H	12	0.53
(29,72)	1:79:A:THR:HG23	1:81:A:GLU:H	12	0.53
(23,18)	1:119:A:LEU:N	1:115:A:ALA:O	19	0.53
(22,39)	1:128:A:LEU:H	1:124:A:THR:C	15	0.53
(22,34)	1:118:A:ASP:N	1:114:A:ILE:C	3	0.53
(22,34)	1:118:A:ASP:N	1:114:A:ILE:C	6	0.53
(22,33)	1:118:A:ASP:H	1:114:A:ILE:C	5	0.53
(22,33)	1:118:A:ASP:H	1:114:A:ILE:C	10	0.53
(22,32)	1:117:A:VAL:N	1:113:A:PHE:C	10	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(22,21)	1:107:A:LEU:H	1:103:A:ARG:C	6	0.53
(22,18)	1:73:A:ILE:N	1:69:A:MET:C	3	0.53
(22,16)	1:61:A:SER:N	1:57:A:LEU:C	4	0.53
(22,10)	1:58:A:ILE:N	1:54:A:ARG:C	10	0.53
(22,1)	1:17:A:ASN:H	1:13:A:ALA:C	19	0.53
(20,2)	1:123:A:CYS:SG	1:127:A:CYS:SG	11	0.53
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB1	18	0.53
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB2	18	0.53
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB3	18	0.53
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB1	18	0.53
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB2	18	0.53
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB3	18	0.53
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB1	18	0.53
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB2	18	0.53
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB3	18	0.53
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB1	18	0.53
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB2	18	0.53
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB3	18	0.53
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB1	18	0.53
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB2	18	0.53
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB3	18	0.53
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB1	18	0.53
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB2	18	0.53
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB3	18	0.53
(18,2306)	1:105:A:LYS:H	1:105:A:LYS:HG2	13	0.53
(18,2306)	1:105:A:LYS:H	1:105:A:LYS:HG3	13	0.53
(18,2277)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	9	0.53
(18,2277)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	9	0.53
(18,2277)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	9	0.53
(18,2277)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	9	0.53
(18,2277)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	9	0.53
(18,2277)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	9	0.53
(18,2113)	1:39:A:VAL:HG11	1:140:A:LEU:HG	14	0.53
(18,2113)	1:39:A:VAL:HG12	1:140:A:LEU:HG	14	0.53
(18,2113)	1:39:A:VAL:HG13	1:140:A:LEU:HG	14	0.53
(18,2113)	1:39:A:VAL:HG21	1:140:A:LEU:HG	14	0.53
(18,2113)	1:39:A:VAL:HG22	1:140:A:LEU:HG	14	0.53
(18,2113)	1:39:A:VAL:HG23	1:140:A:LEU:HG	14	0.53
(18,2109)	1:39:A:VAL:HG11	1:43:A:MET:HB2	4	0.53
(18,2109)	1:39:A:VAL:HG12	1:43:A:MET:HB2	4	0.53
(18,2109)	1:39:A:VAL:HG13	1:43:A:MET:HB2	4	0.53
(18,2109)	1:39:A:VAL:HG21	1:43:A:MET:HB2	4	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2109)	1:39:A:VAL:HG22	1:43:A:MET:HB2	4	0.53
(18,2109)	1:39:A:VAL:HG23	1:43:A:MET:HB2	4	0.53
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD11	5	0.53
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD12	5	0.53
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD13	5	0.53
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD21	5	0.53
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD22	5	0.53
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD23	5	0.53
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD11	13	0.53
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD12	13	0.53
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD13	13	0.53
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD21	13	0.53
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD22	13	0.53
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD23	13	0.53
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD11	18	0.53
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD12	18	0.53
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD13	18	0.53
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD21	18	0.53
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD22	18	0.53
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD23	18	0.53
(18,2015)	1:18:A:PHE:HB2	1:132:A:ALA:HA	5	0.53
(18,2015)	1:18:A:PHE:HB3	1:132:A:ALA:HA	5	0.53
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD11	5	0.53
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD12	5	0.53
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD13	5	0.53
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD21	5	0.53
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD22	5	0.53
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD23	5	0.53
(18,1872)	1:104:A:PHE:HE1	1:115:A:ALA:H	10	0.53
(18,1872)	1:104:A:PHE:HE2	1:115:A:ALA:H	10	0.53
(18,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	16	0.53
(18,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	16	0.53
(18,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	16	0.53
(18,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	16	0.53
(18,1765)	1:80:A:TYR:HD1	1:81:A:GLU:HA	16	0.53
(18,1765)	1:80:A:TYR:HD2	1:81:A:GLU:HA	16	0.53
(18,1688)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	7	0.53
(18,1688)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	7	0.53
(18,1644)	1:69:A:MET:HE1	1:116:A:GLN:HE21	9	0.53
(18,1644)	1:69:A:MET:HE2	1:116:A:GLN:HE21	9	0.53
(18,1644)	1:69:A:MET:HE3	1:116:A:GLN:HE21	9	0.53
(18,1597)	1:24:A:ASP:HA	1:27:A:ARG:HA	14	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	12	0.53
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	12	0.53
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	12	0.53
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	12	0.53
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	12	0.53
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	12	0.53
(18,1578)	1:63:A:ILE:HG21	1:116:A:GLN:HB2	17	0.53
(18,1578)	1:63:A:ILE:HG21	1:116:A:GLN:HB3	17	0.53
(18,1578)	1:63:A:ILE:HG22	1:116:A:GLN:HB2	17	0.53
(18,1578)	1:63:A:ILE:HG22	1:116:A:GLN:HB3	17	0.53
(18,1578)	1:63:A:ILE:HG23	1:116:A:GLN:HB2	17	0.53
(18,1578)	1:63:A:ILE:HG23	1:116:A:GLN:HB3	17	0.53
(18,1557)	1:61:A:SER:HA	1:63:A:ILE:HD11	11	0.53
(18,1557)	1:61:A:SER:HA	1:63:A:ILE:HD12	11	0.53
(18,1557)	1:61:A:SER:HA	1:63:A:ILE:HD13	11	0.53
(18,1540)	1:38:A:GLU:HA	1:139:A:LEU:HD21	4	0.53
(18,1540)	1:38:A:GLU:HA	1:139:A:LEU:HD22	4	0.53
(18,1540)	1:38:A:GLU:HA	1:139:A:LEU:HD23	4	0.53
(18,1524)	1:76:A:ARG:HG2	1:110:A:MET:HE1	16	0.53
(18,1524)	1:76:A:ARG:HG2	1:110:A:MET:HE2	16	0.53
(18,1524)	1:76:A:ARG:HG2	1:110:A:MET:HE3	16	0.53
(18,1524)	1:76:A:ARG:HG3	1:110:A:MET:HE1	16	0.53
(18,1524)	1:76:A:ARG:HG3	1:110:A:MET:HE2	16	0.53
(18,1524)	1:76:A:ARG:HG3	1:110:A:MET:HE3	16	0.53
(18,1523)	1:69:A:MET:HE1	1:112:A:GLN:HG2	13	0.53
(18,1523)	1:69:A:MET:HE1	1:112:A:GLN:HG3	13	0.53
(18,1523)	1:69:A:MET:HE2	1:112:A:GLN:HG2	13	0.53
(18,1523)	1:69:A:MET:HE2	1:112:A:GLN:HG3	13	0.53
(18,1523)	1:69:A:MET:HE3	1:112:A:GLN:HG2	13	0.53
(18,1523)	1:69:A:MET:HE3	1:112:A:GLN:HG3	13	0.53
(18,1471)	1:95:A:ILE:HA	1:95:A:ILE:HG21	2	0.53
(18,1471)	1:95:A:ILE:HA	1:95:A:ILE:HG22	2	0.53
(18,1471)	1:95:A:ILE:HA	1:95:A:ILE:HG23	2	0.53
(18,1333)	1:103:A:ARG:HG2	1:106:A:ASP:HA	14	0.53
(18,1333)	1:103:A:ARG:HG3	1:106:A:ASP:HA	14	0.53
(18,1269)	1:15:A:ALA:HA	1:131:A:LEU:HB2	16	0.53
(18,1138)	1:140:A:LEU:HA	1:144:A:LEU:HD11	8	0.53
(18,1138)	1:140:A:LEU:HA	1:144:A:LEU:HD12	8	0.53
(18,1138)	1:140:A:LEU:HA	1:144:A:LEU:HD13	8	0.53
(18,924)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	1	0.53
(18,924)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	1	0.53
(18,924)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	1	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	16	0.53
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	16	0.53
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	16	0.53
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	16	0.53
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	16	0.53
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	16	0.53
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	16	0.53
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	16	0.53
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	16	0.53
(18,783)	1:101:A:ILE:HD11	1:104:A:PHE:H	7	0.53
(18,783)	1:101:A:ILE:HD12	1:104:A:PHE:H	7	0.53
(18,783)	1:101:A:ILE:HD13	1:104:A:PHE:H	7	0.53
(18,516)	1:101:A:ILE:HD11	1:105:A:LYS:H	14	0.53
(18,516)	1:101:A:ILE:HD12	1:105:A:LYS:H	14	0.53
(18,516)	1:101:A:ILE:HD13	1:105:A:LYS:H	14	0.53
(18,239)	1:112:A:GLN:HG2	1:114:A:ILE:H	7	0.53
(18,239)	1:112:A:GLN:HG3	1:114:A:ILE:H	7	0.53
(18,239)	1:112:A:GLN:HG2	1:114:A:ILE:H	9	0.53
(18,239)	1:112:A:GLN:HG3	1:114:A:ILE:H	9	0.53
(18,74)	1:79:A:THR:HG21	1:81:A:GLU:H	12	0.53
(18,74)	1:79:A:THR:HG22	1:81:A:GLU:H	12	0.53
(18,74)	1:79:A:THR:HG23	1:81:A:GLU:H	12	0.53
(18,71)	1:81:A:GLU:H	1:81:A:GLU:HB3	4	0.53
(18,44)	1:98:A:ILE:H	1:104:A:PHE:HB2	6	0.53
(17,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	3	0.53
(17,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	3	0.53
(17,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	3	0.53
(17,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	3	0.53
(17,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	3	0.53
(17,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	3	0.53
(17,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	3	0.53
(17,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	3	0.53
(17,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	3	0.53
(17,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	3	0.53
(17,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	3	0.53
(17,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	3	0.53
(17,2075)	1:31:A:PRO:HD2	1:144:A:LEU:HA	9	0.53
(17,2075)	1:31:A:PRO:HD3	1:144:A:LEU:HA	9	0.53
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	17	0.53
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	17	0.53
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	17	0.53
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	17	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	17	0.53
(17,2042)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	17	0.53
(17,2003)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	4	0.53
(17,2003)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	4	0.53
(17,2003)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	4	0.53
(17,2003)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	4	0.53
(17,2003)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	4	0.53
(17,2003)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	4	0.53
(17,2003)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	4	0.53
(17,2003)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	4	0.53
(17,2003)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	4	0.53
(17,2003)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	4	0.53
(17,2003)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	4	0.53
(17,2003)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	4	0.53
(17,1901)	1:104:A:PHE:HE1	1:115:A:ALA:H	10	0.53
(17,1901)	1:104:A:PHE:HE2	1:115:A:ALA:H	10	0.53
(17,1806)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	5	0.53
(17,1806)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	5	0.53
(17,1806)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	5	0.53
(17,1806)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	5	0.53
(17,1806)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	5	0.53
(17,1806)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	5	0.53
(17,1803)	1:13:A:ALA:HA	1:80:A:TYR:HD1	9	0.53
(17,1803)	1:13:A:ALA:HA	1:80:A:TYR:HD2	9	0.53
(17,1741)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	7	0.53
(17,1741)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	7	0.53
(17,1741)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	7	0.53
(17,1610)	1:63:A:ILE:HG21	1:116:A:GLN:HB2	17	0.53
(17,1610)	1:63:A:ILE:HG21	1:116:A:GLN:HB3	17	0.53
(17,1610)	1:63:A:ILE:HG22	1:116:A:GLN:HB2	17	0.53
(17,1610)	1:63:A:ILE:HG22	1:116:A:GLN:HB3	17	0.53
(17,1610)	1:63:A:ILE:HG23	1:116:A:GLN:HB2	17	0.53
(17,1610)	1:63:A:ILE:HG23	1:116:A:GLN:HB3	17	0.53
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE1	17	0.53
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE2	17	0.53
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE3	17	0.53
(17,1505)	1:95:A:ILE:HA	1:95:A:ILE:HG21	2	0.53
(17,1505)	1:95:A:ILE:HA	1:95:A:ILE:HG22	2	0.53
(17,1505)	1:95:A:ILE:HA	1:95:A:ILE:HG23	2	0.53
(17,1477)	1:13:A:ALA:HB1	1:79:A:THR:HB	13	0.53
(17,1477)	1:13:A:ALA:HB2	1:79:A:THR:HB	13	0.53
(17,1477)	1:13:A:ALA:HB3	1:79:A:THR:HB	13	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1309)	1:60:A:LEU:HA	1:60:A:LEU:HD21	15	0.53
(17,1309)	1:60:A:LEU:HA	1:60:A:LEU:HD22	15	0.53
(17,1309)	1:60:A:LEU:HA	1:60:A:LEU:HD23	15	0.53
(17,1298)	1:66:A:THR:HG21	1:96:A:VAL:H	7	0.53
(17,1298)	1:66:A:THR:HG22	1:96:A:VAL:H	7	0.53
(17,1298)	1:66:A:THR:HG23	1:96:A:VAL:H	7	0.53
(17,1269)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	6	0.53
(17,1269)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	6	0.53
(17,1269)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	6	0.53
(17,1266)	1:12:A:VAL:HG11	1:40:A:LEU:HA	19	0.53
(17,1266)	1:12:A:VAL:HG12	1:40:A:LEU:HA	19	0.53
(17,1266)	1:12:A:VAL:HG13	1:40:A:LEU:HA	19	0.53
(17,1256)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	2	0.53
(17,1256)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	2	0.53
(17,1256)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	2	0.53
(17,1256)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	2	0.53
(17,1256)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	2	0.53
(17,1256)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	2	0.53
(17,1256)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	2	0.53
(17,1256)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	2	0.53
(17,1256)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	2	0.53
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	5	0.53
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	5	0.53
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	5	0.53
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	14	0.53
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	14	0.53
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	14	0.53
(17,1245)	1:21:A:THR:HG21	1:23:A:LEU:HA	8	0.53
(17,1245)	1:21:A:THR:HG22	1:23:A:LEU:HA	8	0.53
(17,1245)	1:21:A:THR:HG23	1:23:A:LEU:HA	8	0.53
(17,999)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	3	0.53
(17,999)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	3	0.53
(17,924)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	1	0.53
(17,924)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	1	0.53
(17,924)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	1	0.53
(17,842)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	11	0.53
(17,842)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	11	0.53
(17,842)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	11	0.53
(17,842)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	11	0.53
(17,842)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	11	0.53
(17,842)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	11	0.53
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	12	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	12	0.53
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	12	0.53
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	12	0.53
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	12	0.53
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	12	0.53
(17,599)	1:55:A:GLY:H	1:122:A:ASP:HB3	1	0.53
(17,554)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	17	0.53
(17,554)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	17	0.53
(17,554)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	17	0.53
(17,247)	1:58:A:ILE:H	1:58:A:ILE:HD11	13	0.53
(17,247)	1:58:A:ILE:H	1:58:A:ILE:HD12	13	0.53
(17,247)	1:58:A:ILE:H	1:58:A:ILE:HD13	13	0.53
(17,230)	1:11:A:ILE:HB	1:44:A:GLU:H	4	0.53
(17,227)	1:44:A:GLU:HG3	1:48:A:ARG:H	7	0.53
(17,160)	1:127:A:CYS:H	1:128:A:LEU:HG	4	0.53
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD11	7	0.53
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD12	7	0.53
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD13	7	0.53
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD21	7	0.53
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD22	7	0.53
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD23	7	0.53
(16,2128)	1:39:A:VAL:HG11	1:140:A:LEU:HG	14	0.53
(16,2128)	1:39:A:VAL:HG12	1:140:A:LEU:HG	14	0.53
(16,2128)	1:39:A:VAL:HG13	1:140:A:LEU:HG	14	0.53
(16,2128)	1:39:A:VAL:HG21	1:140:A:LEU:HG	14	0.53
(16,2128)	1:39:A:VAL:HG22	1:140:A:LEU:HG	14	0.53
(16,2128)	1:39:A:VAL:HG23	1:140:A:LEU:HG	14	0.53
(16,2095)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	18	0.53
(16,2095)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	18	0.53
(16,2095)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	18	0.53
(16,2095)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	18	0.53
(16,2095)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	18	0.53
(16,2095)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	18	0.53
(16,1948)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	13	0.53
(16,1948)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	13	0.53
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	5	0.53
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	5	0.53
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	5	0.53
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	5	0.53
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	5	0.53
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	5	0.53
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	5	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	5	0.53
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	5	0.53
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	5	0.53
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	5	0.53
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	5	0.53
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	5	0.53
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	5	0.53
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	5	0.53
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	5	0.53
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	5	0.53
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	5	0.53
(16,1870)	1:104:A:PHE:HE1	1:115:A:ALA:H	10	0.53
(16,1870)	1:104:A:PHE:HE2	1:115:A:ALA:H	10	0.53
(16,1841)	1:9:A:PHE:HD1	1:57:A:LEU:HG	13	0.53
(16,1841)	1:9:A:PHE:HD2	1:57:A:LEU:HG	13	0.53
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG11	16	0.53
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG12	16	0.53
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG13	16	0.53
(16,1601)	1:24:A:ASP:HA	1:27:A:ARG:HA	14	0.53
(16,1567)	1:101:A:ILE:HD11	1:112:A:GLN:HA	10	0.53
(16,1567)	1:101:A:ILE:HD12	1:112:A:GLN:HA	10	0.53
(16,1567)	1:101:A:ILE:HD13	1:112:A:GLN:HA	10	0.53
(16,1532)	1:76:A:ARG:HG2	1:110:A:MET:HE1	16	0.53
(16,1532)	1:76:A:ARG:HG2	1:110:A:MET:HE2	16	0.53
(16,1532)	1:76:A:ARG:HG2	1:110:A:MET:HE3	16	0.53
(16,1532)	1:76:A:ARG:HG3	1:110:A:MET:HE1	16	0.53
(16,1532)	1:76:A:ARG:HG3	1:110:A:MET:HE2	16	0.53
(16,1532)	1:76:A:ARG:HG3	1:110:A:MET:HE3	16	0.53
(16,1482)	1:95:A:ILE:HA	1:95:A:ILE:HG21	2	0.53
(16,1482)	1:95:A:ILE:HA	1:95:A:ILE:HG22	2	0.53
(16,1482)	1:95:A:ILE:HA	1:95:A:ILE:HG23	2	0.53
(16,1401)	1:11:A:ILE:HG21	1:43:A:MET:HG3	3	0.53
(16,1401)	1:11:A:ILE:HG22	1:43:A:MET:HG3	3	0.53
(16,1401)	1:11:A:ILE:HG23	1:43:A:MET:HG3	3	0.53
(16,1344)	1:103:A:ARG:HG2	1:106:A:ASP:HA	14	0.53
(16,1344)	1:103:A:ARG:HG3	1:106:A:ASP:HA	14	0.53
(16,939)	1:34:A:LYS:H	1:81:A:GLU:HG2	1	0.53
(16,939)	1:34:A:LYS:H	1:81:A:GLU:HG3	1	0.53
(16,939)	1:34:A:LYS:H	1:81:A:GLU:HG2	6	0.53
(16,939)	1:34:A:LYS:H	1:81:A:GLU:HG3	6	0.53
(16,939)	1:34:A:LYS:H	1:81:A:GLU:HG2	19	0.53
(16,939)	1:34:A:LYS:H	1:81:A:GLU:HG3	19	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,869)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	19	0.53
(16,869)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	19	0.53
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	3	0.53
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	3	0.53
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	3	0.53
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	15	0.53
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	15	0.53
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	15	0.53
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	15	0.53
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	15	0.53
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	15	0.53
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	12	0.53
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	12	0.53
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	12	0.53
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	12	0.53
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	12	0.53
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	12	0.53
(16,595)	1:75:A:GLY:H	1:76:A:ARG:HG2	14	0.53
(16,595)	1:75:A:GLY:H	1:76:A:ARG:HG3	14	0.53
(16,580)	1:42:A:GLU:HB3	1:46:A:ASN:HD21	3	0.53
(16,580)	1:42:A:GLU:HB3	1:46:A:ASN:HD21	12	0.53
(16,380)	1:40:A:LEU:HB2	1:41:A:LYS:H	3	0.53
(16,256)	1:58:A:ILE:H	1:58:A:ILE:HD11	13	0.53
(16,256)	1:58:A:ILE:H	1:58:A:ILE:HD12	13	0.53
(16,256)	1:58:A:ILE:H	1:58:A:ILE:HD13	13	0.53
(16,168)	1:95:A:ILE:H	1:95:A:ILE:HB	2	0.53
(16,121)	1:78:A:HIS:HA	1:80:A:TYR:H	14	0.53
(16,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	1	0.53
(16,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	1	0.53
(15,2279)	1:96:A:VAL:HG11	1:116:A:GLN:HG2	12	0.53
(15,2279)	1:96:A:VAL:HG12	1:116:A:GLN:HG2	12	0.53
(15,2279)	1:96:A:VAL:HG13	1:116:A:GLN:HG2	12	0.53
(15,2279)	1:96:A:VAL:HG21	1:116:A:GLN:HG2	12	0.53
(15,2279)	1:96:A:VAL:HG22	1:116:A:GLN:HG2	12	0.53
(15,2279)	1:96:A:VAL:HG23	1:116:A:GLN:HG2	12	0.53
(15,2034)	1:31:A:PRO:HD2	1:144:A:LEU:HA	9	0.53
(15,2034)	1:31:A:PRO:HD3	1:144:A:LEU:HA	9	0.53
(15,1973)	1:15:A:ALA:HA	1:131:A:LEU:HB2	13	0.53
(15,1973)	1:15:A:ALA:HA	1:131:A:LEU:HB3	13	0.53
(15,1960)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	4	0.53
(15,1960)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	4	0.53
(15,1960)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	4	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1960)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	4	0.53
(15,1960)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	4	0.53
(15,1960)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	4	0.53
(15,1960)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	4	0.53
(15,1960)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	4	0.53
(15,1960)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	4	0.53
(15,1960)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	4	0.53
(15,1960)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	4	0.53
(15,1960)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	4	0.53
(15,1940)	1:11:A:ILE:HG13	1:57:A:LEU:HD11	14	0.53
(15,1940)	1:11:A:ILE:HG13	1:57:A:LEU:HD12	14	0.53
(15,1940)	1:11:A:ILE:HG13	1:57:A:LEU:HD13	14	0.53
(15,1940)	1:11:A:ILE:HG13	1:57:A:LEU:HD21	14	0.53
(15,1940)	1:11:A:ILE:HG13	1:57:A:LEU:HD22	14	0.53
(15,1940)	1:11:A:ILE:HG13	1:57:A:LEU:HD23	14	0.53
(15,1904)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	8	0.53
(15,1904)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	8	0.53
(15,1887)	1:35:A:LEU:HG	1:80:A:TYR:HE1	11	0.53
(15,1887)	1:35:A:LEU:HG	1:80:A:TYR:HE2	11	0.53
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	2	0.53
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	2	0.53
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	2	0.53
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	14	0.53
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	14	0.53
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	14	0.53
(15,1865)	1:104:A:PHE:HE1	1:115:A:ALA:H	10	0.53
(15,1865)	1:104:A:PHE:HE2	1:115:A:ALA:H	10	0.53
(15,1864)	1:104:A:PHE:HE1	1:105:A:LYS:H	11	0.53
(15,1864)	1:104:A:PHE:HE2	1:105:A:LYS:H	11	0.53
(15,1839)	1:9:A:PHE:HD1	1:57:A:LEU:HG	13	0.53
(15,1839)	1:9:A:PHE:HD2	1:57:A:LEU:HG	13	0.53
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE1	4	0.53
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE2	4	0.53
(15,1777)	1:13:A:ALA:HA	1:80:A:TYR:HD1	9	0.53
(15,1777)	1:13:A:ALA:HA	1:80:A:TYR:HD2	9	0.53
(15,1586)	1:63:A:ILE:HG21	1:116:A:GLN:HB2	17	0.53
(15,1586)	1:63:A:ILE:HG21	1:116:A:GLN:HB3	17	0.53
(15,1586)	1:63:A:ILE:HG22	1:116:A:GLN:HB2	17	0.53
(15,1586)	1:63:A:ILE:HG22	1:116:A:GLN:HB3	17	0.53
(15,1586)	1:63:A:ILE:HG23	1:116:A:GLN:HB2	17	0.53
(15,1586)	1:63:A:ILE:HG23	1:116:A:GLN:HB3	17	0.53
(15,1557)	1:11:A:ILE:HD11	1:43:A:MET:H	15	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1557)	1:11:A:ILE:HD12	1:43:A:MET:H	15	0.53
(15,1557)	1:11:A:ILE:HD13	1:43:A:MET:H	15	0.53
(15,1540)	1:38:A:GLU:HA	1:139:A:LEU:HD21	4	0.53
(15,1540)	1:38:A:GLU:HA	1:139:A:LEU:HD22	4	0.53
(15,1540)	1:38:A:GLU:HA	1:139:A:LEU:HD23	4	0.53
(15,1474)	1:95:A:ILE:HA	1:95:A:ILE:HG21	2	0.53
(15,1474)	1:95:A:ILE:HA	1:95:A:ILE:HG22	2	0.53
(15,1474)	1:95:A:ILE:HA	1:95:A:ILE:HG23	2	0.53
(15,1473)	1:101:A:ILE:HG21	1:115:A:ALA:HA	12	0.53
(15,1473)	1:101:A:ILE:HG22	1:115:A:ALA:HA	12	0.53
(15,1473)	1:101:A:ILE:HG23	1:115:A:ALA:HA	12	0.53
(15,1454)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	12	0.53
(15,1454)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	12	0.53
(15,1454)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	12	0.53
(15,1454)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	12	0.53
(15,1454)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	12	0.53
(15,1454)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	12	0.53
(15,1454)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	12	0.53
(15,1454)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	12	0.53
(15,1454)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	12	0.53
(15,1430)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	17	0.53
(15,1430)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	17	0.53
(15,1430)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	17	0.53
(15,1407)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	18	0.53
(15,1407)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	18	0.53
(15,1407)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	18	0.53
(15,1407)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	18	0.53
(15,1407)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	18	0.53
(15,1407)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	18	0.53
(15,1260)	1:12:A:VAL:HG11	1:40:A:LEU:HA	12	0.53
(15,1260)	1:12:A:VAL:HG12	1:40:A:LEU:HA	12	0.53
(15,1260)	1:12:A:VAL:HG13	1:40:A:LEU:HA	12	0.53
(15,1221)	1:110:A:MET:HA	1:113:A:PHE:HB2	19	0.53
(15,1150)	1:145:A:PRO:HB2	1:146:A:GLN:HA	7	0.53
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD11	9	0.53
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD12	9	0.53
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD13	9	0.53
(15,997)	1:12:A:VAL:HB	1:43:A:MET:HE1	3	0.53
(15,997)	1:12:A:VAL:HB	1:43:A:MET:HE2	3	0.53
(15,997)	1:12:A:VAL:HB	1:43:A:MET:HE3	3	0.53
(15,377)	1:40:A:LEU:HB2	1:41:A:LYS:H	14	0.53
(15,255)	1:58:A:ILE:H	1:58:A:ILE:HD11	13	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,255)	1:58:A:ILE:H	1:58:A:ILE:HD12	13	0.53
(15,255)	1:58:A:ILE:H	1:58:A:ILE:HD13	13	0.53
(15,170)	1:95:A:ILE:H	1:95:A:ILE:HB	2	0.53
(15,164)	1:127:A:CYS:H	1:128:A:LEU:HG	4	0.53
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD11	10	0.53
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD12	10	0.53
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD13	10	0.53
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD21	10	0.53
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD22	10	0.53
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD23	10	0.53
(13,2073)	1:39:A:VAL:HG11	1:144:A:LEU:HD21	16	0.53
(13,2073)	1:39:A:VAL:HG11	1:144:A:LEU:HD22	16	0.53
(13,2073)	1:39:A:VAL:HG11	1:144:A:LEU:HD23	16	0.53
(13,2073)	1:39:A:VAL:HG12	1:144:A:LEU:HD21	16	0.53
(13,2073)	1:39:A:VAL:HG12	1:144:A:LEU:HD22	16	0.53
(13,2073)	1:39:A:VAL:HG12	1:144:A:LEU:HD23	16	0.53
(13,2073)	1:39:A:VAL:HG13	1:144:A:LEU:HD21	16	0.53
(13,2073)	1:39:A:VAL:HG13	1:144:A:LEU:HD22	16	0.53
(13,2073)	1:39:A:VAL:HG13	1:144:A:LEU:HD23	16	0.53
(13,2073)	1:39:A:VAL:HG21	1:144:A:LEU:HD21	16	0.53
(13,2073)	1:39:A:VAL:HG21	1:144:A:LEU:HD22	16	0.53
(13,2073)	1:39:A:VAL:HG21	1:144:A:LEU:HD23	16	0.53
(13,2073)	1:39:A:VAL:HG22	1:144:A:LEU:HD21	16	0.53
(13,2073)	1:39:A:VAL:HG22	1:144:A:LEU:HD22	16	0.53
(13,2073)	1:39:A:VAL:HG22	1:144:A:LEU:HD23	16	0.53
(13,2073)	1:39:A:VAL:HG23	1:144:A:LEU:HD21	16	0.53
(13,2073)	1:39:A:VAL:HG23	1:144:A:LEU:HD22	16	0.53
(13,2073)	1:39:A:VAL:HG23	1:144:A:LEU:HD23	16	0.53
(13,1951)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	4	0.53
(13,1951)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	4	0.53
(13,1951)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	4	0.53
(13,1951)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	4	0.53
(13,1951)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	4	0.53
(13,1951)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	4	0.53
(13,1951)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	4	0.53
(13,1951)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	4	0.53
(13,1951)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	4	0.53
(13,1951)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	4	0.53
(13,1951)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	4	0.53
(13,1951)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	4	0.53
(13,1582)	1:24:A:ASP:HA	1:27:A:ARG:HA	14	0.53
(13,1565)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	7	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1565)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	7	0.53
(13,1565)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	7	0.53
(13,1565)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	7	0.53
(13,1565)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	7	0.53
(13,1565)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	7	0.53
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	12	0.53
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	12	0.53
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	12	0.53
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	12	0.53
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	12	0.53
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	12	0.53
(13,1561)	1:63:A:ILE:HG21	1:116:A:GLN:HB2	17	0.53
(13,1561)	1:63:A:ILE:HG21	1:116:A:GLN:HB3	17	0.53
(13,1561)	1:63:A:ILE:HG22	1:116:A:GLN:HB2	17	0.53
(13,1561)	1:63:A:ILE:HG22	1:116:A:GLN:HB3	17	0.53
(13,1561)	1:63:A:ILE:HG23	1:116:A:GLN:HB2	17	0.53
(13,1561)	1:63:A:ILE:HG23	1:116:A:GLN:HB3	17	0.53
(13,1551)	1:101:A:ILE:HD11	1:112:A:GLN:HA	10	0.53
(13,1551)	1:101:A:ILE:HD12	1:112:A:GLN:HA	10	0.53
(13,1551)	1:101:A:ILE:HD13	1:112:A:GLN:HA	10	0.53
(13,1535)	1:11:A:ILE:HD11	1:43:A:MET:H	15	0.53
(13,1535)	1:11:A:ILE:HD12	1:43:A:MET:H	15	0.53
(13,1535)	1:11:A:ILE:HD13	1:43:A:MET:H	15	0.53
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	16	0.53
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	16	0.53
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	16	0.53
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	16	0.53
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	16	0.53
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	16	0.53
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE1	2	0.53
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE2	2	0.53
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE3	2	0.53
(13,1456)	1:95:A:ILE:HA	1:95:A:ILE:HG21	2	0.53
(13,1456)	1:95:A:ILE:HA	1:95:A:ILE:HG22	2	0.53
(13,1456)	1:95:A:ILE:HA	1:95:A:ILE:HG23	2	0.53
(13,1354)	1:103:A:ARG:HD2	1:107:A:LEU:HD11	3	0.53
(13,1354)	1:103:A:ARG:HD2	1:107:A:LEU:HD12	3	0.53
(13,1354)	1:103:A:ARG:HD2	1:107:A:LEU:HD13	3	0.53
(13,1354)	1:103:A:ARG:HD3	1:107:A:LEU:HD11	3	0.53
(13,1354)	1:103:A:ARG:HD3	1:107:A:LEU:HD12	3	0.53
(13,1354)	1:103:A:ARG:HD3	1:107:A:LEU:HD13	3	0.53
(13,1312)	1:103:A:ARG:HG2	1:106:A:ASP:HA	14	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1312)	1:103:A:ARG:HG3	1:106:A:ASP:HA	14	0.53
(13,1205)	1:140:A:LEU:HA	1:144:A:LEU:HD11	8	0.53
(13,1205)	1:140:A:LEU:HA	1:144:A:LEU:HD12	8	0.53
(13,1205)	1:140:A:LEU:HA	1:144:A:LEU:HD13	8	0.53
(13,854)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	3	0.53
(13,854)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	3	0.53
(13,854)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	5	0.53
(13,854)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	5	0.53
(13,163)	1:95:A:ILE:H	1:95:A:ILE:HB	2	0.53
(13,156)	1:127:A:CYS:H	1:128:A:LEU:HG	11	0.53
(13,67)	1:79:A:THR:HG21	1:81:A:GLU:H	12	0.53
(13,67)	1:79:A:THR:HG22	1:81:A:GLU:H	12	0.53
(13,67)	1:79:A:THR:HG23	1:81:A:GLU:H	12	0.53
(11,2218)	1:60:A:LEU:HD11	1:61:A:SER:HB2	4	0.53
(11,2218)	1:60:A:LEU:HD11	1:61:A:SER:HB3	4	0.53
(11,2218)	1:60:A:LEU:HD12	1:61:A:SER:HB2	4	0.53
(11,2218)	1:60:A:LEU:HD12	1:61:A:SER:HB3	4	0.53
(11,2218)	1:60:A:LEU:HD13	1:61:A:SER:HB2	4	0.53
(11,2218)	1:60:A:LEU:HD13	1:61:A:SER:HB3	4	0.53
(11,2216)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	3	0.53
(11,2216)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	3	0.53
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD11	17	0.53
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD12	17	0.53
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD13	17	0.53
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD21	17	0.53
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD22	17	0.53
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD23	17	0.53
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	8	0.53
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	8	0.53
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	8	0.53
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	8	0.53
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	8	0.53
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	8	0.53
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	16	0.53
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	16	0.53
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	16	0.53
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	16	0.53
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	16	0.53
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	16	0.53
(11,1931)	1:35:A:LEU:HG	1:80:A:TYR:HE1	3	0.53
(11,1931)	1:35:A:LEU:HG	1:80:A:TYR:HE2	3	0.53
(11,1903)	1:104:A:PHE:HE1	1:115:A:ALA:H	10	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1903)	1:104:A:PHE:HE2	1:115:A:ALA:H	10	0.53
(11,1844)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	8	0.53
(11,1844)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	8	0.53
(11,1824)	1:68:A:LYS:HA	1:72:A:PHE:HD1	11	0.53
(11,1824)	1:68:A:LYS:HA	1:72:A:PHE:HD2	11	0.53
(11,1669)	1:121:A:VAL:H	1:122:A:ASP:HA	11	0.53
(11,1644)	1:24:A:ASP:HA	1:27:A:ARG:HA	14	0.53
(11,1623)	1:63:A:ILE:HG21	1:116:A:GLN:HB2	17	0.53
(11,1623)	1:63:A:ILE:HG21	1:116:A:GLN:HB3	17	0.53
(11,1623)	1:63:A:ILE:HG22	1:116:A:GLN:HB2	17	0.53
(11,1623)	1:63:A:ILE:HG22	1:116:A:GLN:HB3	17	0.53
(11,1623)	1:63:A:ILE:HG23	1:116:A:GLN:HB2	17	0.53
(11,1623)	1:63:A:ILE:HG23	1:116:A:GLN:HB3	17	0.53
(11,1601)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	10	0.53
(11,1601)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	10	0.53
(11,1601)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	10	0.53
(11,1601)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	10	0.53
(11,1601)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	10	0.53
(11,1601)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	10	0.53
(11,1601)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	10	0.53
(11,1601)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	10	0.53
(11,1601)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	10	0.53
(11,1593)	1:11:A:ILE:HD11	1:43:A:MET:H	15	0.53
(11,1593)	1:11:A:ILE:HD12	1:43:A:MET:H	15	0.53
(11,1593)	1:11:A:ILE:HD13	1:43:A:MET:H	15	0.53
(11,1555)	1:76:A:ARG:HG2	1:110:A:MET:HE1	3	0.53
(11,1555)	1:76:A:ARG:HG2	1:110:A:MET:HE2	3	0.53
(11,1555)	1:76:A:ARG:HG2	1:110:A:MET:HE3	3	0.53
(11,1555)	1:76:A:ARG:HG3	1:110:A:MET:HE1	3	0.53
(11,1555)	1:76:A:ARG:HG3	1:110:A:MET:HE2	3	0.53
(11,1555)	1:76:A:ARG:HG3	1:110:A:MET:HE3	3	0.53
(11,1553)	1:66:A:THR:HG21	1:69:A:MET:HE1	6	0.53
(11,1553)	1:66:A:THR:HG21	1:69:A:MET:HE2	6	0.53
(11,1553)	1:66:A:THR:HG21	1:69:A:MET:HE3	6	0.53
(11,1553)	1:66:A:THR:HG22	1:69:A:MET:HE1	6	0.53
(11,1553)	1:66:A:THR:HG22	1:69:A:MET:HE2	6	0.53
(11,1553)	1:66:A:THR:HG22	1:69:A:MET:HE3	6	0.53
(11,1553)	1:66:A:THR:HG23	1:69:A:MET:HE1	6	0.53
(11,1553)	1:66:A:THR:HG23	1:69:A:MET:HE2	6	0.53
(11,1553)	1:66:A:THR:HG23	1:69:A:MET:HE3	6	0.53
(11,1503)	1:95:A:ILE:HA	1:95:A:ILE:HG21	2	0.53
(11,1503)	1:95:A:ILE:HA	1:95:A:ILE:HG22	2	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1503)	1:95:A:ILE:HA	1:95:A:ILE:HG23	2	0.53
(11,1360)	1:103:A:ARG:HG2	1:106:A:ASP:HA	14	0.53
(11,1360)	1:103:A:ARG:HG3	1:106:A:ASP:HA	14	0.53
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	19	0.53
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	19	0.53
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	19	0.53
(11,1287)	1:113:A:PHE:HE1	1:117:A:VAL:HG21	15	0.53
(11,1287)	1:113:A:PHE:HE1	1:117:A:VAL:HG22	15	0.53
(11,1287)	1:113:A:PHE:HE1	1:117:A:VAL:HG23	15	0.53
(11,1287)	1:113:A:PHE:HE2	1:117:A:VAL:HG21	15	0.53
(11,1287)	1:113:A:PHE:HE2	1:117:A:VAL:HG22	15	0.53
(11,1287)	1:113:A:PHE:HE2	1:117:A:VAL:HG23	15	0.53
(11,1282)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	6	0.53
(11,1282)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	6	0.53
(11,1282)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	6	0.53
(11,1266)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	2	0.53
(11,1266)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	2	0.53
(11,1266)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	2	0.53
(11,1266)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	2	0.53
(11,1266)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	2	0.53
(11,1266)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	2	0.53
(11,1266)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	2	0.53
(11,1266)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	2	0.53
(11,1266)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	2	0.53
(11,1248)	1:140:A:LEU:HA	1:144:A:LEU:HD11	8	0.53
(11,1248)	1:140:A:LEU:HA	1:144:A:LEU:HD12	8	0.53
(11,1248)	1:140:A:LEU:HA	1:144:A:LEU:HD13	8	0.53
(11,1212)	1:140:A:LEU:HA	1:144:A:LEU:HD21	14	0.53
(11,1212)	1:140:A:LEU:HA	1:144:A:LEU:HD22	14	0.53
(11,1212)	1:140:A:LEU:HA	1:144:A:LEU:HD23	14	0.53
(11,1052)	1:11:A:ILE:HA	1:14:A:VAL:HB	8	0.53
(11,956)	1:40:A:LEU:HA	1:43:A:MET:HG2	2	0.53
(11,930)	1:34:A:LYS:H	1:81:A:GLU:HG2	1	0.53
(11,930)	1:34:A:LYS:H	1:81:A:GLU:HG3	1	0.53
(11,930)	1:34:A:LYS:H	1:81:A:GLU:HG2	6	0.53
(11,930)	1:34:A:LYS:H	1:81:A:GLU:HG3	6	0.53
(11,930)	1:34:A:LYS:H	1:81:A:GLU:HG2	19	0.53
(11,930)	1:34:A:LYS:H	1:81:A:GLU:HG3	19	0.53
(11,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	11	0.53
(11,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	11	0.53
(11,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	11	0.53
(11,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	11	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	11	0.53
(11,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	11	0.53
(11,248)	1:58:A:ILE:H	1:58:A:ILE:HD11	13	0.53
(11,248)	1:58:A:ILE:H	1:58:A:ILE:HD12	13	0.53
(11,248)	1:58:A:ILE:H	1:58:A:ILE:HD13	13	0.53
(11,165)	1:95:A:ILE:H	1:95:A:ILE:HB	2	0.53
(11,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	1	0.53
(11,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	1	0.53
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	13	0.53
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	13	0.53
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	13	0.53
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	13	0.53
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	13	0.53
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	13	0.53
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	13	0.53
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	13	0.53
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	13	0.53
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	13	0.53
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	13	0.53
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	13	0.53
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	13	0.53
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	13	0.53
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	13	0.53
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	13	0.53
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	13	0.53
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	13	0.53
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD11	1	0.53
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD12	1	0.53
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD13	1	0.53
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD21	1	0.53
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD22	1	0.53
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD23	1	0.53
(9,1988)	1:15:A:ALA:HA	1:131:A:LEU:HB2	13	0.53
(9,1988)	1:15:A:ALA:HA	1:131:A:LEU:HB3	13	0.53
(9,1941)	1:10:A:ASN:HD21	1:81:A:GLU:H	12	0.53
(9,1941)	1:10:A:ASN:HD22	1:81:A:GLU:H	12	0.53
(9,1911)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	10	0.53
(9,1883)	1:104:A:PHE:HE1	1:115:A:ALA:H	10	0.53
(9,1883)	1:104:A:PHE:HE2	1:115:A:ALA:H	10	0.53
(9,1845)	1:9:A:PHE:HD1	1:57:A:LEU:HG	13	0.53
(9,1845)	1:9:A:PHE:HD2	1:57:A:LEU:HG	13	0.53
(9,1800)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	5	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1800)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	5	0.53
(9,1786)	1:68:A:LYS:HA	1:72:A:PHE:HD1	11	0.53
(9,1786)	1:68:A:LYS:HA	1:72:A:PHE:HD2	11	0.53
(9,1781)	1:13:A:ALA:HA	1:80:A:TYR:HD1	9	0.53
(9,1781)	1:13:A:ALA:HA	1:80:A:TYR:HD2	9	0.53
(9,1719)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	7	0.53
(9,1719)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	7	0.53
(9,1719)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	7	0.53
(9,1717)	1:19:A:ALA:HB1	1:21:A:THR:HG21	5	0.53
(9,1717)	1:19:A:ALA:HB1	1:21:A:THR:HG22	5	0.53
(9,1717)	1:19:A:ALA:HB1	1:21:A:THR:HG23	5	0.53
(9,1717)	1:19:A:ALA:HB2	1:21:A:THR:HG21	5	0.53
(9,1717)	1:19:A:ALA:HB2	1:21:A:THR:HG22	5	0.53
(9,1717)	1:19:A:ALA:HB2	1:21:A:THR:HG23	5	0.53
(9,1717)	1:19:A:ALA:HB3	1:21:A:THR:HG21	5	0.53
(9,1717)	1:19:A:ALA:HB3	1:21:A:THR:HG22	5	0.53
(9,1717)	1:19:A:ALA:HB3	1:21:A:THR:HG23	5	0.53
(9,1639)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	15	0.53
(9,1639)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	15	0.53
(9,1639)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	15	0.53
(9,1639)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	15	0.53
(9,1639)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	15	0.53
(9,1639)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	15	0.53
(9,1587)	1:63:A:ILE:HG21	1:116:A:GLN:HB2	17	0.53
(9,1587)	1:63:A:ILE:HG21	1:116:A:GLN:HB3	17	0.53
(9,1587)	1:63:A:ILE:HG22	1:116:A:GLN:HB2	17	0.53
(9,1587)	1:63:A:ILE:HG22	1:116:A:GLN:HB3	17	0.53
(9,1587)	1:63:A:ILE:HG23	1:116:A:GLN:HB2	17	0.53
(9,1587)	1:63:A:ILE:HG23	1:116:A:GLN:HB3	17	0.53
(9,1546)	1:38:A:GLU:HA	1:139:A:LEU:HD21	4	0.53
(9,1546)	1:38:A:GLU:HA	1:139:A:LEU:HD22	4	0.53
(9,1546)	1:38:A:GLU:HA	1:139:A:LEU:HD23	4	0.53
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE1	2	0.53
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE2	2	0.53
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE3	2	0.53
(9,1477)	1:95:A:ILE:HA	1:95:A:ILE:HG21	2	0.53
(9,1477)	1:95:A:ILE:HA	1:95:A:ILE:HG22	2	0.53
(9,1477)	1:95:A:ILE:HA	1:95:A:ILE:HG23	2	0.53
(9,1198)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	17	0.53
(9,1198)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	17	0.53
(9,1198)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	17	0.53
(9,1198)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	17	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1198)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	17	0.53
(9,1198)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	17	0.53
(9,1198)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	19	0.53
(9,1198)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	19	0.53
(9,1198)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	19	0.53
(9,1198)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	19	0.53
(9,1198)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	19	0.53
(9,1198)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	19	0.53
(9,1057)	1:13:A:ALA:HB1	1:79:A:THR:HA	8	0.53
(9,1057)	1:13:A:ALA:HB2	1:79:A:THR:HA	8	0.53
(9,1057)	1:13:A:ALA:HB3	1:79:A:THR:HA	8	0.53
(9,1029)	1:11:A:ILE:HG12	1:43:A:MET:HB3	2	0.53
(9,914)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	5	0.53
(9,857)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	19	0.53
(9,857)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	19	0.53
(9,794)	1:54:A:ARG:HB3	1:58:A:ILE:HD11	12	0.53
(9,794)	1:54:A:ARG:HB3	1:58:A:ILE:HD12	12	0.53
(9,794)	1:54:A:ARG:HB3	1:58:A:ILE:HD13	12	0.53
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	12	0.53
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	12	0.53
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	12	0.53
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	12	0.53
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	12	0.53
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	12	0.53
(9,708)	1:44:A:GLU:HG2	1:48:A:ARG:HE	10	0.53
(9,708)	1:44:A:GLU:HG3	1:48:A:ARG:HE	10	0.53
(9,236)	1:11:A:ILE:HB	1:44:A:GLU:H	4	0.53
(9,166)	1:95:A:ILE:H	1:95:A:ILE:HB	2	0.53
(9,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	19	0.53
(9,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	19	0.53
(9,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	19	0.53
(9,153)	1:67:A:PRO:HD3	1:95:A:ILE:H	11	0.53
(9,70)	1:79:A:THR:HG21	1:81:A:GLU:H	12	0.53
(9,70)	1:79:A:THR:HG22	1:81:A:GLU:H	12	0.53
(9,70)	1:79:A:THR:HG23	1:81:A:GLU:H	12	0.53
(7,2318)	1:107:A:LEU:HD11	1:112:A:GLN:H	3	0.53
(7,2318)	1:107:A:LEU:HD12	1:112:A:GLN:H	3	0.53
(7,2318)	1:107:A:LEU:HD13	1:112:A:GLN:H	3	0.53
(7,2318)	1:107:A:LEU:HD21	1:112:A:GLN:H	3	0.53
(7,2318)	1:107:A:LEU:HD22	1:112:A:GLN:H	3	0.53
(7,2318)	1:107:A:LEU:HD23	1:112:A:GLN:H	3	0.53
(7,2303)	1:105:A:LYS:H	1:105:A:LYS:HG2	13	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2303)	1:105:A:LYS:H	1:105:A:LYS:HG3	13	0.53
(7,2089)	1:39:A:VAL:HG11	1:140:A:LEU:HG	14	0.53
(7,2089)	1:39:A:VAL:HG12	1:140:A:LEU:HG	14	0.53
(7,2089)	1:39:A:VAL:HG13	1:140:A:LEU:HG	14	0.53
(7,2089)	1:39:A:VAL:HG21	1:140:A:LEU:HG	14	0.53
(7,2089)	1:39:A:VAL:HG22	1:140:A:LEU:HG	14	0.53
(7,2089)	1:39:A:VAL:HG23	1:140:A:LEU:HG	14	0.53
(7,2026)	1:31:A:PRO:HD2	1:144:A:LEU:HA	9	0.53
(7,2026)	1:31:A:PRO:HD3	1:144:A:LEU:HA	9	0.53
(7,1911)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	5	0.53
(7,1911)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	5	0.53
(7,1911)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	5	0.53
(7,1911)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	5	0.53
(7,1856)	1:104:A:PHE:HE1	1:115:A:ALA:H	10	0.53
(7,1856)	1:104:A:PHE:HE2	1:115:A:ALA:H	10	0.53
(7,1805)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	6	0.53
(7,1805)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	6	0.53
(7,1805)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	6	0.53
(7,1782)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	8	0.53
(7,1782)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	8	0.53
(7,1706)	1:31:A:PRO:HB2	1:35:A:LEU:HA	2	0.53
(7,1706)	1:31:A:PRO:HB3	1:35:A:LEU:HA	2	0.53
(7,1584)	1:24:A:ASP:HA	1:27:A:ARG:HA	14	0.53
(7,1565)	1:63:A:ILE:HG21	1:116:A:GLN:HB2	17	0.53
(7,1565)	1:63:A:ILE:HG21	1:116:A:GLN:HB3	17	0.53
(7,1565)	1:63:A:ILE:HG22	1:116:A:GLN:HB2	17	0.53
(7,1565)	1:63:A:ILE:HG22	1:116:A:GLN:HB3	17	0.53
(7,1565)	1:63:A:ILE:HG23	1:116:A:GLN:HB2	17	0.53
(7,1565)	1:63:A:ILE:HG23	1:116:A:GLN:HB3	17	0.53
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD11	18	0.53
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD12	18	0.53
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD13	18	0.53
(7,1540)	1:11:A:ILE:HD11	1:43:A:MET:H	15	0.53
(7,1540)	1:11:A:ILE:HD12	1:43:A:MET:H	15	0.53
(7,1540)	1:11:A:ILE:HD13	1:43:A:MET:H	15	0.53
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE1	6	0.53
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE2	6	0.53
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE3	6	0.53
(7,1460)	1:95:A:ILE:HA	1:95:A:ILE:HG21	2	0.53
(7,1460)	1:95:A:ILE:HA	1:95:A:ILE:HG22	2	0.53
(7,1460)	1:95:A:ILE:HA	1:95:A:ILE:HG23	2	0.53
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG11	7	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG12	7	0.53
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG13	7	0.53
(7,1320)	1:103:A:ARG:HG2	1:106:A:ASP:HA	14	0.53
(7,1320)	1:103:A:ARG:HG3	1:106:A:ASP:HA	14	0.53
(7,1248)	1:15:A:ALA:HA	1:131:A:LEU:HB2	16	0.53
(7,1241)	1:12:A:VAL:HG11	1:40:A:LEU:HA	12	0.53
(7,1241)	1:12:A:VAL:HG12	1:40:A:LEU:HA	12	0.53
(7,1241)	1:12:A:VAL:HG13	1:40:A:LEU:HA	12	0.53
(7,1231)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	12	0.53
(7,1231)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	12	0.53
(7,1231)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	12	0.53
(7,1231)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	12	0.53
(7,1231)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	12	0.53
(7,1231)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	12	0.53
(7,1231)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	12	0.53
(7,1231)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	12	0.53
(7,1231)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	12	0.53
(7,920)	1:79:A:THR:HG21	1:81:A:GLU:HG2	15	0.53
(7,920)	1:79:A:THR:HG21	1:81:A:GLU:HG3	15	0.53
(7,920)	1:79:A:THR:HG22	1:81:A:GLU:HG2	15	0.53
(7,920)	1:79:A:THR:HG22	1:81:A:GLU:HG3	15	0.53
(7,920)	1:79:A:THR:HG23	1:81:A:GLU:HG2	15	0.53
(7,920)	1:79:A:THR:HG23	1:81:A:GLU:HG3	15	0.53
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	15	0.53
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	15	0.53
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	15	0.53
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	15	0.53
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	15	0.53
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	15	0.53
(7,629)	1:9:A:PHE:HZ	1:58:A:ILE:H	17	0.53
(7,292)	1:121:A:VAL:H	1:123:A:CYS:H	6	0.53
(7,251)	1:58:A:ILE:H	1:58:A:ILE:HD11	13	0.53
(7,251)	1:58:A:ILE:H	1:58:A:ILE:HD12	13	0.53
(7,251)	1:58:A:ILE:H	1:58:A:ILE:HD13	13	0.53
(7,166)	1:95:A:ILE:H	1:95:A:ILE:HB	2	0.53
(7,89)	1:96:A:VAL:H	1:97:A:ASP:H	18	0.53
(7,66)	1:79:A:THR:HG21	1:81:A:GLU:H	12	0.53
(7,66)	1:79:A:THR:HG22	1:81:A:GLU:H	12	0.53
(7,66)	1:79:A:THR:HG23	1:81:A:GLU:H	12	0.53
(7,42)	1:44:A:GLU:HG3	1:47:A:ALA:H	19	0.53
(7,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	1	0.53
(7,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	1	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2330)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	17	0.53
(6,2330)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	17	0.53
(6,2330)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	17	0.53
(6,2330)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	17	0.53
(6,2330)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	17	0.53
(6,2330)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	17	0.53
(6,2330)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	17	0.53
(6,2330)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	17	0.53
(6,2330)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	17	0.53
(6,2330)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	17	0.53
(6,2330)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	17	0.53
(6,2330)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	17	0.53
(6,2120)	1:39:A:VAL:HG11	1:144:A:LEU:HD21	16	0.53
(6,2120)	1:39:A:VAL:HG11	1:144:A:LEU:HD22	16	0.53
(6,2120)	1:39:A:VAL:HG11	1:144:A:LEU:HD23	16	0.53
(6,2120)	1:39:A:VAL:HG12	1:144:A:LEU:HD21	16	0.53
(6,2120)	1:39:A:VAL:HG12	1:144:A:LEU:HD22	16	0.53
(6,2120)	1:39:A:VAL:HG12	1:144:A:LEU:HD23	16	0.53
(6,2120)	1:39:A:VAL:HG13	1:144:A:LEU:HD21	16	0.53
(6,2120)	1:39:A:VAL:HG13	1:144:A:LEU:HD22	16	0.53
(6,2120)	1:39:A:VAL:HG13	1:144:A:LEU:HD23	16	0.53
(6,2120)	1:39:A:VAL:HG21	1:144:A:LEU:HD21	16	0.53
(6,2120)	1:39:A:VAL:HG21	1:144:A:LEU:HD22	16	0.53
(6,2120)	1:39:A:VAL:HG21	1:144:A:LEU:HD23	16	0.53
(6,2120)	1:39:A:VAL:HG22	1:144:A:LEU:HD21	16	0.53
(6,2120)	1:39:A:VAL:HG22	1:144:A:LEU:HD22	16	0.53
(6,2120)	1:39:A:VAL:HG22	1:144:A:LEU:HD23	16	0.53
(6,2120)	1:39:A:VAL:HG23	1:144:A:LEU:HD21	16	0.53
(6,2120)	1:39:A:VAL:HG23	1:144:A:LEU:HD22	16	0.53
(6,2120)	1:39:A:VAL:HG23	1:144:A:LEU:HD23	16	0.53
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	11	0.53
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	11	0.53
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	11	0.53
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	11	0.53
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	11	0.53
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	11	0.53
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	11	0.53
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	11	0.53
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	11	0.53
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	11	0.53
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	11	0.53
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	11	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2002)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	4	0.53
(6,2002)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	4	0.53
(6,2002)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	4	0.53
(6,2002)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	4	0.53
(6,2002)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	4	0.53
(6,2002)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	4	0.53
(6,2002)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	4	0.53
(6,2002)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	4	0.53
(6,2002)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	4	0.53
(6,2002)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	4	0.53
(6,2002)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	4	0.53
(6,2002)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	4	0.53
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD11	5	0.53
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD12	5	0.53
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD13	5	0.53
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD21	5	0.53
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD22	5	0.53
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD23	5	0.53
(6,1920)	1:35:A:LEU:HG	1:80:A:TYR:HE1	3	0.53
(6,1920)	1:35:A:LEU:HG	1:80:A:TYR:HE2	3	0.53
(6,1894)	1:104:A:PHE:HE1	1:115:A:ALA:H	10	0.53
(6,1894)	1:104:A:PHE:HE2	1:115:A:ALA:H	10	0.53
(6,1840)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	6	0.53
(6,1840)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	6	0.53
(6,1840)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	6	0.53
(6,1791)	1:80:A:TYR:HD1	1:81:A:GLU:HA	16	0.53
(6,1791)	1:80:A:TYR:HD2	1:81:A:GLU:HA	16	0.53
(6,1727)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	7	0.53
(6,1727)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	7	0.53
(6,1727)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	7	0.53
(6,1696)	1:43:A:MET:HE1	1:135:A:GLN:H	3	0.53
(6,1696)	1:43:A:MET:HE2	1:135:A:GLN:H	3	0.53
(6,1696)	1:43:A:MET:HE3	1:135:A:GLN:H	3	0.53
(6,1635)	1:121:A:VAL:H	1:122:A:ASP:HA	11	0.53
(6,1611)	1:24:A:ASP:HA	1:27:A:ARG:HA	14	0.53
(6,1593)	1:63:A:ILE:HG21	1:116:A:GLN:HB2	17	0.53
(6,1593)	1:63:A:ILE:HG21	1:116:A:GLN:HB3	17	0.53
(6,1593)	1:63:A:ILE:HG22	1:116:A:GLN:HB2	17	0.53
(6,1593)	1:63:A:ILE:HG22	1:116:A:GLN:HB3	17	0.53
(6,1593)	1:63:A:ILE:HG23	1:116:A:GLN:HB2	17	0.53
(6,1593)	1:63:A:ILE:HG23	1:116:A:GLN:HB3	17	0.53
(6,1551)	1:38:A:GLU:HA	1:139:A:LEU:HD21	4	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1551)	1:38:A:GLU:HA	1:139:A:LEU:HD22	4	0.53
(6,1551)	1:38:A:GLU:HA	1:139:A:LEU:HD23	4	0.53
(6,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE1	3	0.53
(6,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE2	3	0.53
(6,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE3	3	0.53
(6,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE1	3	0.53
(6,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE2	3	0.53
(6,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE3	3	0.53
(6,1514)	1:69:A:MET:HE1	1:116:A:GLN:HE21	9	0.53
(6,1514)	1:69:A:MET:HE2	1:116:A:GLN:HE21	9	0.53
(6,1514)	1:69:A:MET:HE3	1:116:A:GLN:HE21	9	0.53
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE1	6	0.53
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE2	6	0.53
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE3	6	0.53
(6,1475)	1:95:A:ILE:HA	1:95:A:ILE:HG21	2	0.53
(6,1475)	1:95:A:ILE:HA	1:95:A:ILE:HG22	2	0.53
(6,1475)	1:95:A:ILE:HA	1:95:A:ILE:HG23	2	0.53
(6,1402)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	13	0.53
(6,1402)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	13	0.53
(6,1402)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	13	0.53
(6,1402)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	13	0.53
(6,1402)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	13	0.53
(6,1402)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	13	0.53
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	12	0.53
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	12	0.53
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	12	0.53
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	12	0.53
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	12	0.53
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	12	0.53
(6,1279)	1:66:A:THR:HG21	1:96:A:VAL:H	7	0.53
(6,1279)	1:66:A:THR:HG22	1:96:A:VAL:H	7	0.53
(6,1279)	1:66:A:THR:HG23	1:96:A:VAL:H	7	0.53
(6,1222)	1:140:A:LEU:HA	1:144:A:LEU:HD11	8	0.53
(6,1222)	1:140:A:LEU:HA	1:144:A:LEU:HD12	8	0.53
(6,1222)	1:140:A:LEU:HA	1:144:A:LEU:HD13	8	0.53
(6,1196)	1:140:A:LEU:HA	1:140:A:LEU:HD21	13	0.53
(6,1196)	1:140:A:LEU:HA	1:140:A:LEU:HD22	13	0.53
(6,1196)	1:140:A:LEU:HA	1:140:A:LEU:HD23	13	0.53
(6,927)	1:60:A:LEU:HB3	1:117:A:VAL:HA	8	0.53
(6,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	19	0.53
(6,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	19	0.53
(6,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	19	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,69)	1:79:A:THR:HG21	1:81:A:GLU:H	12	0.53
(6,69)	1:79:A:THR:HG22	1:81:A:GLU:H	12	0.53
(6,69)	1:79:A:THR:HG23	1:81:A:GLU:H	12	0.53
(5,2293)	1:98:A:ILE:H	1:104:A:PHE:HB2	5	0.53
(5,2293)	1:98:A:ILE:H	1:104:A:PHE:HB3	5	0.53
(5,2206)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	7	0.53
(5,2206)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	7	0.53
(5,2206)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	7	0.53
(5,2206)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	7	0.53
(5,2206)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	7	0.53
(5,2206)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	7	0.53
(5,2206)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	7	0.53
(5,2206)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	7	0.53
(5,2206)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	7	0.53
(5,2206)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	7	0.53
(5,2206)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	7	0.53
(5,2206)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	7	0.53
(5,2206)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	7	0.53
(5,2206)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	7	0.53
(5,2206)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	7	0.53
(5,2206)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	7	0.53
(5,2206)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	7	0.53
(5,2206)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	7	0.53
(5,2206)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	7	0.53
(5,2206)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	7	0.53
(5,2206)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	7	0.53
(5,2206)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	7	0.53
(5,2206)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	7	0.53
(5,2206)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	7	0.53
(5,2206)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	7	0.53
(5,2206)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	7	0.53
(5,2206)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	7	0.53
(5,2206)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	7	0.53
(5,2206)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	7	0.53
(5,2206)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	7	0.53
(5,2206)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	7	0.53
(5,2206)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	7	0.53
(5,2206)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	7	0.53
(5,2206)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	7	0.53
(5,2206)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	7	0.53
(5,2206)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	7	0.53
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	1	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	1	0.53
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	1	0.53
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	1	0.53
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	1	0.53
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	1	0.53
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	1	0.53
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	1	0.53
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	1	0.53
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	1	0.53
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	1	0.53
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	1	0.53
(5,2124)	1:40:A:LEU:HD11	1:43:A:MET:H	7	0.53
(5,2124)	1:40:A:LEU:HD12	1:43:A:MET:H	7	0.53
(5,2124)	1:40:A:LEU:HD13	1:43:A:MET:H	7	0.53
(5,2124)	1:40:A:LEU:HD21	1:43:A:MET:H	7	0.53
(5,2124)	1:40:A:LEU:HD22	1:43:A:MET:H	7	0.53
(5,2124)	1:40:A:LEU:HD23	1:43:A:MET:H	7	0.53
(5,2120)	1:40:A:LEU:HB2	1:44:A:GLU:HG3	3	0.53
(5,2120)	1:40:A:LEU:HB3	1:44:A:GLU:HG3	3	0.53
(5,2104)	1:39:A:VAL:HG11	1:140:A:LEU:HG	14	0.53
(5,2104)	1:39:A:VAL:HG12	1:140:A:LEU:HG	14	0.53
(5,2104)	1:39:A:VAL:HG13	1:140:A:LEU:HG	14	0.53
(5,2104)	1:39:A:VAL:HG21	1:140:A:LEU:HG	14	0.53
(5,2104)	1:39:A:VAL:HG22	1:140:A:LEU:HG	14	0.53
(5,2104)	1:39:A:VAL:HG23	1:140:A:LEU:HG	14	0.53
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD11	5	0.53
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD12	5	0.53
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD13	5	0.53
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD21	5	0.53
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD22	5	0.53
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD23	5	0.53
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD11	7	0.53
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD12	7	0.53
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD13	7	0.53
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD21	7	0.53
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD22	7	0.53
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD23	7	0.53
(5,1963)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	5	0.53
(5,1963)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	5	0.53
(5,1963)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	5	0.53
(5,1963)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	5	0.53
(5,1939)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	2	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1939)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	2	0.53
(5,1939)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	2	0.53
(5,1820)	1:68:A:LYS:HA	1:72:A:PHE:HD1	11	0.53
(5,1820)	1:68:A:LYS:HA	1:72:A:PHE:HD2	11	0.53
(5,1809)	1:13:A:ALA:H	1:80:A:TYR:HD1	16	0.53
(5,1809)	1:13:A:ALA:H	1:80:A:TYR:HD2	16	0.53
(5,1748)	1:150:A:THR:HG21	1:151:A:PHE:HA	14	0.53
(5,1748)	1:150:A:THR:HG22	1:151:A:PHE:HA	14	0.53
(5,1748)	1:150:A:THR:HG23	1:151:A:PHE:HA	14	0.53
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG21	18	0.53
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG22	18	0.53
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG23	18	0.53
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG21	18	0.53
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG22	18	0.53
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG23	18	0.53
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG21	18	0.53
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG22	18	0.53
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG23	18	0.53
(5,1677)	1:69:A:MET:HE1	1:116:A:GLN:HE21	9	0.53
(5,1677)	1:69:A:MET:HE2	1:116:A:GLN:HE21	9	0.53
(5,1677)	1:69:A:MET:HE3	1:116:A:GLN:HE21	9	0.53
(5,1629)	1:24:A:ASP:HA	1:27:A:ARG:HA	14	0.53
(5,1623)	1:73:A:ILE:HG21	1:111:A:GLU:H	6	0.53
(5,1623)	1:73:A:ILE:HG22	1:111:A:GLU:H	6	0.53
(5,1623)	1:73:A:ILE:HG23	1:111:A:GLU:H	6	0.53
(5,1609)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	4	0.53
(5,1609)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	4	0.53
(5,1609)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	4	0.53
(5,1605)	1:63:A:ILE:HG21	1:116:A:GLN:HB2	17	0.53
(5,1605)	1:63:A:ILE:HG21	1:116:A:GLN:HB3	17	0.53
(5,1605)	1:63:A:ILE:HG22	1:116:A:GLN:HB2	17	0.53
(5,1605)	1:63:A:ILE:HG22	1:116:A:GLN:HB3	17	0.53
(5,1605)	1:63:A:ILE:HG23	1:116:A:GLN:HB2	17	0.53
(5,1605)	1:63:A:ILE:HG23	1:116:A:GLN:HB3	17	0.53
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD11	18	0.53
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD12	18	0.53
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD13	18	0.53
(5,1581)	1:11:A:ILE:HD11	1:43:A:MET:H	15	0.53
(5,1581)	1:11:A:ILE:HD12	1:43:A:MET:H	15	0.53
(5,1581)	1:11:A:ILE:HD13	1:43:A:MET:H	15	0.53
(5,1575)	1:9:A:PHE:HE1	1:14:A:VAL:HG21	5	0.53
(5,1575)	1:9:A:PHE:HE1	1:14:A:VAL:HG22	5	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1575)	1:9:A:PHE:HE1	1:14:A:VAL:HG23	5	0.53
(5,1575)	1:9:A:PHE:HE2	1:14:A:VAL:HG21	5	0.53
(5,1575)	1:9:A:PHE:HE2	1:14:A:VAL:HG22	5	0.53
(5,1575)	1:9:A:PHE:HE2	1:14:A:VAL:HG23	5	0.53
(5,1564)	1:38:A:GLU:HA	1:139:A:LEU:HD21	4	0.53
(5,1564)	1:38:A:GLU:HA	1:139:A:LEU:HD22	4	0.53
(5,1564)	1:38:A:GLU:HA	1:139:A:LEU:HD23	4	0.53
(5,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE1	3	0.53
(5,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE2	3	0.53
(5,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE3	3	0.53
(5,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE1	3	0.53
(5,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE2	3	0.53
(5,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE3	3	0.53
(5,1498)	1:95:A:ILE:HA	1:95:A:ILE:HG21	2	0.53
(5,1498)	1:95:A:ILE:HA	1:95:A:ILE:HG22	2	0.53
(5,1498)	1:95:A:ILE:HA	1:95:A:ILE:HG23	2	0.53
(5,1417)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	4	0.53
(5,1417)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	4	0.53
(5,1417)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	4	0.53
(5,1358)	1:103:A:ARG:HG2	1:106:A:ASP:HA	14	0.53
(5,1358)	1:103:A:ARG:HG3	1:106:A:ASP:HA	14	0.53
(5,1311)	1:66:A:THR:HG21	1:96:A:VAL:H	7	0.53
(5,1311)	1:66:A:THR:HG22	1:96:A:VAL:H	7	0.53
(5,1311)	1:66:A:THR:HG23	1:96:A:VAL:H	7	0.53
(5,1271)	1:12:A:VAL:HG11	1:40:A:LEU:HA	19	0.53
(5,1271)	1:12:A:VAL:HG12	1:40:A:LEU:HA	19	0.53
(5,1271)	1:12:A:VAL:HG13	1:40:A:LEU:HA	19	0.53
(5,1264)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	12	0.53
(5,1264)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	12	0.53
(5,1264)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	12	0.53
(5,1264)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	12	0.53
(5,1264)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	12	0.53
(5,1264)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	12	0.53
(5,1264)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	12	0.53
(5,1264)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	12	0.53
(5,1264)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	12	0.53
(5,1163)	1:145:A:PRO:HB2	1:146:A:GLN:HA	7	0.53
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD11	9	0.53
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD12	9	0.53
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD13	9	0.53
(5,1031)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	5	0.53
(5,1021)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	9	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1021)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	9	0.53
(5,960)	1:11:A:ILE:HG12	1:43:A:MET:HB2	3	0.53
(5,953)	1:40:A:LEU:HA	1:43:A:MET:HG2	5	0.53
(5,953)	1:40:A:LEU:HA	1:43:A:MET:HG2	15	0.53
(5,916)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	14	0.53
(5,858)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	13	0.53
(5,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	11	0.53
(5,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	11	0.53
(5,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	11	0.53
(5,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	11	0.53
(5,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	11	0.53
(5,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	11	0.53
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD11	5	0.53
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD12	5	0.53
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD13	5	0.53
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	4	0.53
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	4	0.53
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	4	0.53
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	4	0.53
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	4	0.53
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	4	0.53
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	4	0.53
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	4	0.53
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	4	0.53
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	13	0.53
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	13	0.53
(5,786)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	13	0.53
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	13	0.53
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	13	0.53
(5,786)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	13	0.53
(5,501)	1:70:A:LYS:HE2	1:71:A:LYS:H	8	0.53
(5,501)	1:70:A:LYS:HE3	1:71:A:LYS:H	8	0.53
(5,487)	1:105:A:LYS:H	1:105:A:LYS:HD2	4	0.53
(5,487)	1:105:A:LYS:H	1:105:A:LYS:HD3	4	0.53
(5,242)	1:58:A:ILE:H	1:58:A:ILE:HD11	13	0.53
(5,242)	1:58:A:ILE:H	1:58:A:ILE:HD12	13	0.53
(5,242)	1:58:A:ILE:H	1:58:A:ILE:HD13	13	0.53
(5,65)	1:79:A:THR:HG21	1:81:A:GLU:H	12	0.53
(5,65)	1:79:A:THR:HG22	1:81:A:GLU:H	12	0.53
(5,65)	1:79:A:THR:HG23	1:81:A:GLU:H	12	0.53
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD11	10	0.53
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD12	10	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD13	10	0.53
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD21	10	0.53
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD22	10	0.53
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD23	10	0.53
(4,1927)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	5	0.53
(4,1927)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	5	0.53
(4,1927)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	5	0.53
(4,1927)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	5	0.53
(4,1764)	1:80:A:TYR:HD1	1:81:A:GLU:HA	16	0.53
(4,1764)	1:80:A:TYR:HD2	1:81:A:GLU:HA	16	0.53
(4,1721)	1:31:A:PRO:HB2	1:35:A:LEU:HA	2	0.53
(4,1721)	1:31:A:PRO:HB3	1:35:A:LEU:HA	2	0.53
(4,1675)	1:43:A:MET:HE1	1:135:A:GLN:H	3	0.53
(4,1675)	1:43:A:MET:HE2	1:135:A:GLN:H	3	0.53
(4,1675)	1:43:A:MET:HE3	1:135:A:GLN:H	3	0.53
(4,1591)	1:24:A:ASP:HA	1:27:A:ARG:HA	14	0.53
(4,1574)	1:63:A:ILE:HG21	1:116:A:GLN:HB2	17	0.53
(4,1574)	1:63:A:ILE:HG21	1:116:A:GLN:HB3	17	0.53
(4,1574)	1:63:A:ILE:HG22	1:116:A:GLN:HB2	17	0.53
(4,1574)	1:63:A:ILE:HG22	1:116:A:GLN:HB3	17	0.53
(4,1574)	1:63:A:ILE:HG23	1:116:A:GLN:HB2	17	0.53
(4,1574)	1:63:A:ILE:HG23	1:116:A:GLN:HB3	17	0.53
(4,1562)	1:101:A:ILE:HD11	1:112:A:GLN:HA	10	0.53
(4,1562)	1:101:A:ILE:HD12	1:112:A:GLN:HA	10	0.53
(4,1562)	1:101:A:ILE:HD13	1:112:A:GLN:HA	10	0.53
(4,1554)	1:61:A:SER:HA	1:63:A:ILE:HD11	11	0.53
(4,1554)	1:61:A:SER:HA	1:63:A:ILE:HD12	11	0.53
(4,1554)	1:61:A:SER:HA	1:63:A:ILE:HD13	11	0.53
(4,1547)	1:11:A:ILE:HD11	1:43:A:MET:H	15	0.53
(4,1547)	1:11:A:ILE:HD12	1:43:A:MET:H	15	0.53
(4,1547)	1:11:A:ILE:HD13	1:43:A:MET:H	15	0.53
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD21	7	0.53
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD22	7	0.53
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD23	7	0.53
(4,1535)	1:38:A:GLU:HA	1:139:A:LEU:HD21	4	0.53
(4,1535)	1:38:A:GLU:HA	1:139:A:LEU:HD22	4	0.53
(4,1535)	1:38:A:GLU:HA	1:139:A:LEU:HD23	4	0.53
(4,1515)	1:69:A:MET:HE1	1:76:A:ARG:HG2	7	0.53
(4,1515)	1:69:A:MET:HE1	1:76:A:ARG:HG3	7	0.53
(4,1515)	1:69:A:MET:HE2	1:76:A:ARG:HG2	7	0.53
(4,1515)	1:69:A:MET:HE2	1:76:A:ARG:HG3	7	0.53
(4,1515)	1:69:A:MET:HE3	1:76:A:ARG:HG2	7	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1515)	1:69:A:MET:HE3	1:76:A:ARG:HG3	7	0.53
(4,1463)	1:95:A:ILE:HA	1:95:A:ILE:HG21	2	0.53
(4,1463)	1:95:A:ILE:HA	1:95:A:ILE:HG22	2	0.53
(4,1463)	1:95:A:ILE:HA	1:95:A:ILE:HG23	2	0.53
(4,1462)	1:101:A:ILE:HG21	1:115:A:ALA:HA	12	0.53
(4,1462)	1:101:A:ILE:HG22	1:115:A:ALA:HA	12	0.53
(4,1462)	1:101:A:ILE:HG23	1:115:A:ALA:HA	12	0.53
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	19	0.53
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	19	0.53
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	19	0.53
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	19	0.53
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	19	0.53
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	19	0.53
(4,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	18	0.53
(4,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	18	0.53
(4,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	18	0.53
(4,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	18	0.53
(4,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	18	0.53
(4,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	18	0.53
(4,1389)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	12	0.53
(4,1389)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	12	0.53
(4,1389)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	12	0.53
(4,1321)	1:103:A:ARG:HG2	1:106:A:ASP:HA	14	0.53
(4,1321)	1:103:A:ARG:HG3	1:106:A:ASP:HA	14	0.53
(4,1243)	1:15:A:ALA:HA	1:131:A:LEU:HB2	16	0.53
(4,1224)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	2	0.53
(4,1224)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	2	0.53
(4,1224)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	2	0.53
(4,1224)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	2	0.53
(4,1224)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	2	0.53
(4,1224)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	2	0.53
(4,1224)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	2	0.53
(4,1224)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	2	0.53
(4,1224)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	2	0.53
(4,1202)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	13	0.53
(4,1202)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	13	0.53
(4,1202)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	13	0.53
(4,1197)	1:110:A:MET:HA	1:113:A:PHE:HB2	19	0.53
(4,921)	1:34:A:LYS:H	1:81:A:GLU:HG2	1	0.53
(4,921)	1:34:A:LYS:H	1:81:A:GLU:HG3	1	0.53
(4,921)	1:34:A:LYS:H	1:81:A:GLU:HG2	6	0.53
(4,921)	1:34:A:LYS:H	1:81:A:GLU:HG3	6	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,921)	1:34:A:LYS:H	1:81:A:GLU:HG2	19	0.53
(4,921)	1:34:A:LYS:H	1:81:A:GLU:HG3	19	0.53
(4,859)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	19	0.53
(4,859)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	19	0.53
(4,833)	1:48:A:ARG:HD2	1:49:A:LYS:HA	16	0.53
(4,833)	1:48:A:ARG:HD3	1:49:A:LYS:HA	16	0.53
(4,571)	1:126:A:GLY:H	1:128:A:LEU:HG	7	0.53
(4,252)	1:27:A:ARG:HA	1:29:A:LYS:H	6	0.53
(4,162)	1:95:A:ILE:H	1:95:A:ILE:HB	2	0.53
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB2	16	0.53
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB3	16	0.53
(4,70)	1:79:A:THR:HG21	1:81:A:GLU:H	12	0.53
(4,70)	1:79:A:THR:HG22	1:81:A:GLU:H	12	0.53
(4,70)	1:79:A:THR:HG23	1:81:A:GLU:H	12	0.53
(4,48)	1:44:A:GLU:HG3	1:47:A:ALA:H	19	0.53
(4,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	1	0.53
(4,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	1	0.53
(3,2317)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	9	0.53
(3,2317)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	9	0.53
(3,2317)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	9	0.53
(3,2317)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	9	0.53
(3,2317)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	9	0.53
(3,2317)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	9	0.53
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE1	14	0.53
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE2	14	0.53
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE3	14	0.53
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE1	14	0.53
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE2	14	0.53
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE3	14	0.53
(3,2233)	1:60:A:LEU:HD11	1:123:A:CYS:H	12	0.53
(3,2233)	1:60:A:LEU:HD12	1:123:A:CYS:H	12	0.53
(3,2233)	1:60:A:LEU:HD13	1:123:A:CYS:H	12	0.53
(3,2233)	1:60:A:LEU:HD21	1:123:A:CYS:H	12	0.53
(3,2233)	1:60:A:LEU:HD22	1:123:A:CYS:H	12	0.53
(3,2233)	1:60:A:LEU:HD23	1:123:A:CYS:H	12	0.53
(3,2138)	1:39:A:VAL:HG11	1:140:A:LEU:HG	14	0.53
(3,2138)	1:39:A:VAL:HG12	1:140:A:LEU:HG	14	0.53
(3,2138)	1:39:A:VAL:HG13	1:140:A:LEU:HG	14	0.53
(3,2138)	1:39:A:VAL:HG21	1:140:A:LEU:HG	14	0.53
(3,2138)	1:39:A:VAL:HG22	1:140:A:LEU:HG	14	0.53
(3,2138)	1:39:A:VAL:HG23	1:140:A:LEU:HG	14	0.53
(3,2107)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	19	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2107)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	19	0.53
(3,2107)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	19	0.53
(3,2107)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	19	0.53
(3,2107)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	19	0.53
(3,2107)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	19	0.53
(3,1999)	1:12:A:VAL:HG11	1:43:A:MET:H	16	0.53
(3,1999)	1:12:A:VAL:HG12	1:43:A:MET:H	16	0.53
(3,1999)	1:12:A:VAL:HG13	1:43:A:MET:H	16	0.53
(3,1999)	1:12:A:VAL:HG21	1:43:A:MET:H	16	0.53
(3,1999)	1:12:A:VAL:HG22	1:43:A:MET:H	16	0.53
(3,1999)	1:12:A:VAL:HG23	1:43:A:MET:H	16	0.53
(3,1968)	1:10:A:ASN:HD21	1:12:A:VAL:HG11	3	0.53
(3,1968)	1:10:A:ASN:HD21	1:12:A:VAL:HG12	3	0.53
(3,1968)	1:10:A:ASN:HD21	1:12:A:VAL:HG13	3	0.53
(3,1968)	1:10:A:ASN:HD21	1:12:A:VAL:HG21	3	0.53
(3,1968)	1:10:A:ASN:HD21	1:12:A:VAL:HG22	3	0.53
(3,1968)	1:10:A:ASN:HD21	1:12:A:VAL:HG23	3	0.53
(3,1968)	1:10:A:ASN:HD22	1:12:A:VAL:HG11	3	0.53
(3,1968)	1:10:A:ASN:HD22	1:12:A:VAL:HG12	3	0.53
(3,1968)	1:10:A:ASN:HD22	1:12:A:VAL:HG13	3	0.53
(3,1968)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	3	0.53
(3,1968)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	3	0.53
(3,1968)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	3	0.53
(3,1937)	1:35:A:LEU:HG	1:80:A:TYR:HE1	3	0.53
(3,1937)	1:35:A:LEU:HG	1:80:A:TYR:HE2	3	0.53
(3,1912)	1:104:A:PHE:HE1	1:115:A:ALA:H	10	0.53
(3,1912)	1:104:A:PHE:HE2	1:115:A:ALA:H	10	0.53
(3,1813)	1:80:A:TYR:HD1	1:81:A:GLU:HA	16	0.53
(3,1813)	1:80:A:TYR:HD2	1:81:A:GLU:HA	16	0.53
(3,1696)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	12	0.53
(3,1696)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	12	0.53
(3,1690)	1:69:A:MET:HE1	1:116:A:GLN:HE21	9	0.53
(3,1690)	1:69:A:MET:HE2	1:116:A:GLN:HE21	9	0.53
(3,1690)	1:69:A:MET:HE3	1:116:A:GLN:HE21	9	0.53
(3,1645)	1:24:A:ASP:HA	1:27:A:ARG:HA	14	0.53
(3,1625)	1:63:A:ILE:HG21	1:116:A:GLN:HB2	17	0.53
(3,1625)	1:63:A:ILE:HG21	1:116:A:GLN:HB3	17	0.53
(3,1625)	1:63:A:ILE:HG22	1:116:A:GLN:HB2	17	0.53
(3,1625)	1:63:A:ILE:HG22	1:116:A:GLN:HB3	17	0.53
(3,1625)	1:63:A:ILE:HG23	1:116:A:GLN:HB2	17	0.53
(3,1625)	1:63:A:ILE:HG23	1:116:A:GLN:HB3	17	0.53
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG21	10	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG22	10	0.53
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG23	10	0.53
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG21	11	0.53
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG22	11	0.53
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG23	11	0.53
(3,1327)	1:11:A:ILE:HA	1:14:A:VAL:HG11	16	0.53
(3,1327)	1:11:A:ILE:HA	1:14:A:VAL:HG12	16	0.53
(3,1327)	1:11:A:ILE:HA	1:14:A:VAL:HG13	16	0.53
(3,1315)	1:66:A:THR:HG21	1:96:A:VAL:H	7	0.53
(3,1315)	1:66:A:THR:HG22	1:96:A:VAL:H	7	0.53
(3,1315)	1:66:A:THR:HG23	1:96:A:VAL:H	7	0.53
(3,1228)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	4	0.53
(3,1228)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	4	0.53
(3,1228)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	4	0.53
(3,1228)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	4	0.53
(3,1228)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	4	0.53
(3,1228)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	4	0.53
(3,1218)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	2	0.53
(3,1218)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	2	0.53
(3,1218)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	2	0.53
(3,1218)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	2	0.53
(3,1218)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	2	0.53
(3,1218)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	2	0.53
(3,1218)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	2	0.53
(3,1218)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	2	0.53
(3,1218)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	2	0.53
(3,1151)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	16	0.53
(3,1151)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	16	0.53
(3,1151)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	16	0.53
(3,1033)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	9	0.53
(3,1033)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	9	0.53
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	1	0.53
(3,880)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	1	0.53
(3,812)	1:11:A:ILE:HD11	1:47:A:ALA:HB1	6	0.53
(3,812)	1:11:A:ILE:HD11	1:47:A:ALA:HB2	6	0.53
(3,812)	1:11:A:ILE:HD11	1:47:A:ALA:HB3	6	0.53
(3,812)	1:11:A:ILE:HD12	1:47:A:ALA:HB1	6	0.53
(3,812)	1:11:A:ILE:HD12	1:47:A:ALA:HB2	6	0.53
(3,812)	1:11:A:ILE:HD12	1:47:A:ALA:HB3	6	0.53
(3,812)	1:11:A:ILE:HD13	1:47:A:ALA:HB1	6	0.53
(3,812)	1:11:A:ILE:HD13	1:47:A:ALA:HB2	6	0.53
(3,812)	1:11:A:ILE:HD13	1:47:A:ALA:HB3	6	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,807)	1:11:A:ILE:HD11	1:43:A:MET:HG3	13	0.53
(3,807)	1:11:A:ILE:HD12	1:43:A:MET:HG3	13	0.53
(3,807)	1:11:A:ILE:HD13	1:43:A:MET:HG3	13	0.53
(3,737)	1:73:A:ILE:HG21	1:76:A:ARG:HE	18	0.53
(3,737)	1:73:A:ILE:HG22	1:76:A:ARG:HE	18	0.53
(3,737)	1:73:A:ILE:HG23	1:76:A:ARG:HE	18	0.53
(3,721)	1:44:A:GLU:HG2	1:48:A:ARG:HE	10	0.53
(3,721)	1:44:A:GLU:HG3	1:48:A:ARG:HE	10	0.53
(3,638)	1:9:A:PHE:HZ	1:58:A:ILE:H	17	0.53
(3,381)	1:40:A:LEU:HD11	1:41:A:LYS:H	17	0.53
(3,381)	1:40:A:LEU:HD12	1:41:A:LYS:H	17	0.53
(3,381)	1:40:A:LEU:HD13	1:41:A:LYS:H	17	0.53
(3,247)	1:58:A:ILE:H	1:58:A:ILE:HD11	13	0.53
(3,247)	1:58:A:ILE:H	1:58:A:ILE:HD12	13	0.53
(3,247)	1:58:A:ILE:H	1:58:A:ILE:HD13	13	0.53
(3,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	19	0.53
(3,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	19	0.53
(3,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	19	0.53
(3,122)	1:78:A:HIS:HA	1:80:A:TYR:H	14	0.53
(3,5)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	1	0.53
(3,5)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	1	0.53
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	1	0.53
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	1	0.53
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	1	0.53
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	1	0.53
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	1	0.53
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	1	0.53
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	1	0.53
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	1	0.53
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	1	0.53
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	1	0.53
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	1	0.53
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	1	0.53
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD11	19	0.53
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD12	19	0.53
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD13	19	0.53
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD21	19	0.53
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD22	19	0.53
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD23	19	0.53
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD11	19	0.53
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD12	19	0.53
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD13	19	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD21	19	0.53
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD22	19	0.53
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD23	19	0.53
(2,2024)	1:15:A:ALA:HA	1:131:A:LEU:HB2	13	0.53
(2,2024)	1:15:A:ALA:HA	1:131:A:LEU:HB3	13	0.53
(2,1979)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	13	0.53
(2,1979)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	13	0.53
(2,1920)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	11	0.53
(2,1920)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	11	0.53
(2,1920)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	11	0.53
(2,1920)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	11	0.53
(2,1920)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	11	0.53
(2,1920)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	11	0.53
(2,1819)	1:68:A:LYS:HA	1:72:A:PHE:HD1	11	0.53
(2,1819)	1:68:A:LYS:HA	1:72:A:PHE:HD2	11	0.53
(2,1814)	1:13:A:ALA:HA	1:80:A:TYR:HD1	9	0.53
(2,1814)	1:13:A:ALA:HA	1:80:A:TYR:HD2	9	0.53
(2,1808)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	12	0.53
(2,1808)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	12	0.53
(2,1808)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	12	0.53
(2,1808)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	12	0.53
(2,1665)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	15	0.53
(2,1665)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	15	0.53
(2,1665)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	15	0.53
(2,1665)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	15	0.53
(2,1665)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	15	0.53
(2,1665)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	15	0.53
(2,1607)	1:63:A:ILE:HG21	1:116:A:GLN:HB2	17	0.53
(2,1607)	1:63:A:ILE:HG21	1:116:A:GLN:HB3	17	0.53
(2,1607)	1:63:A:ILE:HG22	1:116:A:GLN:HB2	17	0.53
(2,1607)	1:63:A:ILE:HG22	1:116:A:GLN:HB3	17	0.53
(2,1607)	1:63:A:ILE:HG23	1:116:A:GLN:HB2	17	0.53
(2,1607)	1:63:A:ILE:HG23	1:116:A:GLN:HB3	17	0.53
(2,1578)	1:11:A:ILE:HD11	1:43:A:MET:H	15	0.53
(2,1578)	1:11:A:ILE:HD12	1:43:A:MET:H	15	0.53
(2,1578)	1:11:A:ILE:HD13	1:43:A:MET:H	15	0.53
(2,1535)	1:76:A:ARG:HG2	1:110:A:MET:HE1	3	0.53
(2,1535)	1:76:A:ARG:HG2	1:110:A:MET:HE2	3	0.53
(2,1535)	1:76:A:ARG:HG2	1:110:A:MET:HE3	3	0.53
(2,1535)	1:76:A:ARG:HG3	1:110:A:MET:HE1	3	0.53
(2,1535)	1:76:A:ARG:HG3	1:110:A:MET:HE2	3	0.53
(2,1535)	1:76:A:ARG:HG3	1:110:A:MET:HE3	3	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE1	17	0.53
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE2	17	0.53
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE3	17	0.53
(2,1487)	1:95:A:ILE:HA	1:95:A:ILE:HG21	2	0.53
(2,1487)	1:95:A:ILE:HA	1:95:A:ILE:HG22	2	0.53
(2,1487)	1:95:A:ILE:HA	1:95:A:ILE:HG23	2	0.53
(2,1440)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	17	0.53
(2,1440)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	17	0.53
(2,1440)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	17	0.53
(2,1362)	1:39:A:VAL:HG11	1:143:A:TRP:H	13	0.53
(2,1362)	1:39:A:VAL:HG12	1:143:A:TRP:H	13	0.53
(2,1362)	1:39:A:VAL:HG13	1:143:A:TRP:H	13	0.53
(2,1339)	1:103:A:ARG:HG2	1:106:A:ASP:HA	14	0.53
(2,1339)	1:103:A:ARG:HG3	1:106:A:ASP:HA	14	0.53
(2,1250)	1:23:A:LEU:HD11	1:24:A:ASP:H	16	0.53
(2,1250)	1:23:A:LEU:HD12	1:24:A:ASP:H	16	0.53
(2,1250)	1:23:A:LEU:HD13	1:24:A:ASP:H	16	0.53
(2,1172)	1:128:A:LEU:HD11	1:129:A:LYS:H	2	0.53
(2,1172)	1:128:A:LEU:HD12	1:129:A:LYS:H	2	0.53
(2,1172)	1:128:A:LEU:HD13	1:129:A:LYS:H	2	0.53
(2,920)	1:79:A:THR:HG21	1:81:A:GLU:HG2	15	0.53
(2,920)	1:79:A:THR:HG21	1:81:A:GLU:HG3	15	0.53
(2,920)	1:79:A:THR:HG22	1:81:A:GLU:HG2	15	0.53
(2,920)	1:79:A:THR:HG22	1:81:A:GLU:HG3	15	0.53
(2,920)	1:79:A:THR:HG23	1:81:A:GLU:HG2	15	0.53
(2,920)	1:79:A:THR:HG23	1:81:A:GLU:HG3	15	0.53
(2,834)	1:103:A:ARG:HA	1:103:A:ARG:HD2	14	0.53
(2,834)	1:103:A:ARG:HA	1:103:A:ARG:HD3	14	0.53
(2,163)	1:95:A:ILE:H	1:95:A:ILE:HB	2	0.53
(2,155)	1:127:A:CYS:H	1:128:A:LEU:HG	4	0.53
(2,92)	1:95:A:ILE:HG21	1:97:A:ASP:H	10	0.53
(2,92)	1:95:A:ILE:HG22	1:97:A:ASP:H	10	0.53
(2,92)	1:95:A:ILE:HG23	1:97:A:ASP:H	10	0.53
(2,68)	1:79:A:THR:HG21	1:81:A:GLU:H	12	0.53
(2,68)	1:79:A:THR:HG22	1:81:A:GLU:H	12	0.53
(2,68)	1:79:A:THR:HG23	1:81:A:GLU:H	12	0.53
(2,54)	1:47:A:ALA:H	1:134:A:VAL:HG21	16	0.53
(2,54)	1:47:A:ALA:H	1:134:A:VAL:HG22	16	0.53
(2,54)	1:47:A:ALA:H	1:134:A:VAL:HG23	16	0.53
(2,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	1	0.53
(2,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	1	0.53
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD11	11	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD12	11	0.53
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD13	11	0.53
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD21	11	0.53
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD22	11	0.53
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD23	11	0.53
(1,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	1	0.53
(1,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	1	0.53
(1,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	1	0.53
(1,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	1	0.53
(1,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	1	0.53
(1,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	1	0.53
(1,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	1	0.53
(1,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	1	0.53
(1,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	1	0.53
(1,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	1	0.53
(1,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	1	0.53
(1,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	1	0.53
(1,2057)	1:31:A:PRO:HD2	1:144:A:LEU:HA	9	0.53
(1,2057)	1:31:A:PRO:HD3	1:144:A:LEU:HA	9	0.53
(1,2028)	1:23:A:LEU:HD11	1:27:A:ARG:HA	19	0.53
(1,2028)	1:23:A:LEU:HD12	1:27:A:ARG:HA	19	0.53
(1,2028)	1:23:A:LEU:HD13	1:27:A:ARG:HA	19	0.53
(1,2028)	1:23:A:LEU:HD21	1:27:A:ARG:HA	19	0.53
(1,2028)	1:23:A:LEU:HD22	1:27:A:ARG:HA	19	0.53
(1,2028)	1:23:A:LEU:HD23	1:27:A:ARG:HA	19	0.53
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD11	2	0.53
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD12	2	0.53
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD13	2	0.53
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD21	2	0.53
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD22	2	0.53
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD23	2	0.53
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD11	4	0.53
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD12	4	0.53
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD13	4	0.53
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD21	4	0.53
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD22	4	0.53
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD23	4	0.53
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD11	13	0.53
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD12	13	0.53
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD13	13	0.53
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD21	13	0.53
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD22	13	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD23	13	0.53
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD11	19	0.53
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD12	19	0.53
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD13	19	0.53
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD21	19	0.53
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD22	19	0.53
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD23	19	0.53
(1,1975)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	7	0.53
(1,1975)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	7	0.53
(1,1975)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	7	0.53
(1,1975)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	7	0.53
(1,1975)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	7	0.53
(1,1975)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	7	0.53
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	2	0.53
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	2	0.53
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	2	0.53
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	14	0.53
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	14	0.53
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	14	0.53
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE1	18	0.53
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE2	18	0.53
(1,1899)	1:104:A:PHE:HE1	1:115:A:ALA:H	10	0.53
(1,1899)	1:104:A:PHE:HE2	1:115:A:ALA:H	10	0.53
(1,1831)	1:18:A:PHE:HE1	1:131:A:LEU:HB2	17	0.53
(1,1831)	1:18:A:PHE:HE2	1:131:A:LEU:HB2	17	0.53
(1,1830)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	3	0.53
(1,1830)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	3	0.53
(1,1830)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	7	0.53
(1,1830)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	7	0.53
(1,1806)	1:68:A:LYS:HA	1:72:A:PHE:HD1	11	0.53
(1,1806)	1:68:A:LYS:HA	1:72:A:PHE:HD2	11	0.53
(1,1796)	1:80:A:TYR:HD1	1:81:A:GLU:HA	16	0.53
(1,1796)	1:80:A:TYR:HD2	1:81:A:GLU:HA	16	0.53
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	12	0.53
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	12	0.53
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	12	0.53
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	12	0.53
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	12	0.53
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	12	0.53
(1,1606)	1:63:A:ILE:HG21	1:116:A:GLN:HB2	17	0.53
(1,1606)	1:63:A:ILE:HG21	1:116:A:GLN:HB3	17	0.53
(1,1606)	1:63:A:ILE:HG22	1:116:A:GLN:HB2	17	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1606)	1:63:A:ILE:HG22	1:116:A:GLN:HB3	17	0.53
(1,1606)	1:63:A:ILE:HG23	1:116:A:GLN:HB2	17	0.53
(1,1606)	1:63:A:ILE:HG23	1:116:A:GLN:HB3	17	0.53
(1,1598)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	2	0.53
(1,1598)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	2	0.53
(1,1598)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	2	0.53
(1,1586)	1:61:A:SER:HA	1:63:A:ILE:HD11	11	0.53
(1,1586)	1:61:A:SER:HA	1:63:A:ILE:HD12	11	0.53
(1,1586)	1:61:A:SER:HA	1:63:A:ILE:HD13	11	0.53
(1,1577)	1:11:A:ILE:HD11	1:43:A:MET:H	15	0.53
(1,1577)	1:11:A:ILE:HD12	1:43:A:MET:H	15	0.53
(1,1577)	1:11:A:ILE:HD13	1:43:A:MET:H	15	0.53
(1,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD21	4	0.53
(1,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD22	4	0.53
(1,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD23	4	0.53
(1,1490)	1:95:A:ILE:HA	1:95:A:ILE:HG21	2	0.53
(1,1490)	1:95:A:ILE:HA	1:95:A:ILE:HG22	2	0.53
(1,1490)	1:95:A:ILE:HA	1:95:A:ILE:HG23	2	0.53
(1,1489)	1:101:A:ILE:HG21	1:115:A:ALA:HA	12	0.53
(1,1489)	1:101:A:ILE:HG22	1:115:A:ALA:HA	12	0.53
(1,1489)	1:101:A:ILE:HG23	1:115:A:ALA:HA	12	0.53
(1,1412)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	12	0.53
(1,1412)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	12	0.53
(1,1412)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	12	0.53
(1,1402)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	4	0.53
(1,1402)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	4	0.53
(1,1402)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	4	0.53
(1,1295)	1:66:A:THR:HG21	1:96:A:VAL:H	7	0.53
(1,1295)	1:66:A:THR:HG22	1:96:A:VAL:H	7	0.53
(1,1295)	1:66:A:THR:HG23	1:96:A:VAL:H	7	0.53
(1,1264)	1:12:A:VAL:HG11	1:40:A:LEU:HA	19	0.53
(1,1264)	1:12:A:VAL:HG12	1:40:A:LEU:HA	19	0.53
(1,1264)	1:12:A:VAL:HG13	1:40:A:LEU:HA	19	0.53
(1,1256)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	12	0.53
(1,1256)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	12	0.53
(1,1256)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	12	0.53
(1,1256)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	12	0.53
(1,1256)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	12	0.53
(1,1256)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	12	0.53
(1,1256)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	12	0.53
(1,1256)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	12	0.53
(1,1256)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	12	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1250)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	2	0.53
(1,1250)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	2	0.53
(1,1250)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	2	0.53
(1,1250)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	2	0.53
(1,1250)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	2	0.53
(1,1250)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	2	0.53
(1,1250)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	2	0.53
(1,1250)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	2	0.53
(1,1250)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	2	0.53
(1,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	8	0.53
(1,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	8	0.53
(1,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	8	0.53
(1,832)	1:98:A:ILE:HD11	1:101:A:ILE:HB	7	0.53
(1,832)	1:98:A:ILE:HD12	1:101:A:ILE:HB	7	0.53
(1,832)	1:98:A:ILE:HD13	1:101:A:ILE:HB	7	0.53
(1,82)	1:23:A:LEU:H	1:26:A:ASP:HB2	10	0.53
(1,82)	1:23:A:LEU:H	1:26:A:ASP:HB3	10	0.53
(1,72)	1:79:A:THR:HG21	1:81:A:GLU:H	12	0.53
(1,72)	1:79:A:THR:HG22	1:81:A:GLU:H	12	0.53
(1,72)	1:79:A:THR:HG23	1:81:A:GLU:H	12	0.53
(1,38)	1:96:A:VAL:H	1:96:A:VAL:HB	10	0.53
(1,5)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	1	0.53
(1,5)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	1	0.53
(34,2152)	1:43:A:MET:HG3	1:46:A:ASN:HD21	17	0.52
(34,2152)	1:43:A:MET:HG3	1:46:A:ASN:HD22	17	0.52
(34,2140)	1:40:A:LEU:HD11	1:44:A:GLU:H	18	0.52
(34,2140)	1:40:A:LEU:HD12	1:44:A:GLU:H	18	0.52
(34,2140)	1:40:A:LEU:HD13	1:44:A:GLU:H	18	0.52
(34,2140)	1:40:A:LEU:HD21	1:44:A:GLU:H	18	0.52
(34,2140)	1:40:A:LEU:HD22	1:44:A:GLU:H	18	0.52
(34,2140)	1:40:A:LEU:HD23	1:44:A:GLU:H	18	0.52
(34,2126)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	14	0.52
(34,2126)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	14	0.52
(34,2126)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	14	0.52
(34,2126)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	14	0.52
(34,2126)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	14	0.52
(34,2126)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	14	0.52
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	4	0.52
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	4	0.52
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	4	0.52
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	4	0.52
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	4	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	4	0.52
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	4	0.52
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	4	0.52
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	4	0.52
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	4	0.52
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	4	0.52
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	4	0.52
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	4	0.52
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	4	0.52
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	4	0.52
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	4	0.52
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	4	0.52
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	4	0.52
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	6	0.52
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	6	0.52
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	6	0.52
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	6	0.52
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	6	0.52
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	6	0.52
(34,1991)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	16	0.52
(34,1991)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	16	0.52
(34,1991)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	16	0.52
(34,1991)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	16	0.52
(34,1991)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	16	0.52
(34,1991)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	16	0.52
(34,1991)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	16	0.52
(34,1991)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	16	0.52
(34,1991)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	16	0.52
(34,1991)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	16	0.52
(34,1991)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	16	0.52
(34,1991)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	16	0.52
(34,1991)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	16	0.52
(34,1991)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	16	0.52
(34,1991)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	16	0.52
(34,1991)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	16	0.52
(34,1991)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	16	0.52
(34,1991)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	16	0.52
(34,1962)	1:11:A:ILE:HG12	1:57:A:LEU:HD11	14	0.52
(34,1962)	1:11:A:ILE:HG12	1:57:A:LEU:HD12	14	0.52
(34,1962)	1:11:A:ILE:HG12	1:57:A:LEU:HD13	14	0.52
(34,1962)	1:11:A:ILE:HG12	1:57:A:LEU:HD21	14	0.52
(34,1962)	1:11:A:ILE:HG12	1:57:A:LEU:HD22	14	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1962)	1:11:A:ILE:HG12	1:57:A:LEU:HD23	14	0.52
(34,1935)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	15	0.52
(34,1935)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	15	0.52
(34,1778)	1:97:A:ASP:HA	1:105:A:LYS:HA	13	0.52
(34,1584)	1:11:A:ILE:HD11	1:14:A:VAL:H	17	0.52
(34,1584)	1:11:A:ILE:HD12	1:14:A:VAL:H	17	0.52
(34,1584)	1:11:A:ILE:HD13	1:14:A:VAL:H	17	0.52
(34,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE1	4	0.52
(34,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE2	4	0.52
(34,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE3	4	0.52
(34,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE1	4	0.52
(34,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE2	4	0.52
(34,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE3	4	0.52
(34,1499)	1:101:A:ILE:HG21	1:103:A:ARG:HA	16	0.52
(34,1499)	1:101:A:ILE:HG22	1:103:A:ARG:HA	16	0.52
(34,1499)	1:101:A:ILE:HG23	1:103:A:ARG:HA	16	0.52
(34,1452)	1:101:A:ILE:HG21	1:115:A:ALA:HB1	19	0.52
(34,1452)	1:101:A:ILE:HG21	1:115:A:ALA:HB2	19	0.52
(34,1452)	1:101:A:ILE:HG21	1:115:A:ALA:HB3	19	0.52
(34,1452)	1:101:A:ILE:HG22	1:115:A:ALA:HB1	19	0.52
(34,1452)	1:101:A:ILE:HG22	1:115:A:ALA:HB2	19	0.52
(34,1452)	1:101:A:ILE:HG22	1:115:A:ALA:HB3	19	0.52
(34,1452)	1:101:A:ILE:HG23	1:115:A:ALA:HB1	19	0.52
(34,1452)	1:101:A:ILE:HG23	1:115:A:ALA:HB2	19	0.52
(34,1452)	1:101:A:ILE:HG23	1:115:A:ALA:HB3	19	0.52
(34,1433)	1:70:A:LYS:HA	1:73:A:ILE:HG21	19	0.52
(34,1433)	1:70:A:LYS:HA	1:73:A:ILE:HG22	19	0.52
(34,1433)	1:70:A:LYS:HA	1:73:A:ILE:HG23	19	0.52
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	1	0.52
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	1	0.52
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	1	0.52
(34,1308)	1:15:A:ALA:HA	1:131:A:LEU:HG	8	0.52
(34,1275)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	12	0.52
(34,1275)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	12	0.52
(34,1275)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	12	0.52
(34,1275)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	12	0.52
(34,1275)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	12	0.52
(34,1275)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	12	0.52
(34,1161)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	16	0.52
(34,1161)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	16	0.52
(34,1161)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	16	0.52
(34,1161)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	16	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1161)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	16	0.52
(34,1161)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	16	0.52
(34,966)	1:67:A:PRO:HA	1:70:A:LYS:HG2	8	0.52
(34,942)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	13	0.52
(34,942)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	13	0.52
(34,942)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	13	0.52
(34,942)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	13	0.52
(34,899)	1:151:A:PHE:H	1:151:A:PHE:HB3	6	0.52
(34,720)	1:45:A:ALA:HB1	1:48:A:ARG:HE	18	0.52
(34,720)	1:45:A:ALA:HB2	1:48:A:ARG:HE	18	0.52
(34,720)	1:45:A:ALA:HB3	1:48:A:ARG:HE	18	0.52
(34,714)	1:27:A:ARG:HB3	1:27:A:ARG:HE	12	0.52
(34,714)	1:27:A:ARG:HB2	1:27:A:ARG:HE	12	0.52
(34,706)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	11	0.52
(34,706)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	11	0.52
(34,509)	1:105:A:LYS:H	1:105:A:LYS:HD2	8	0.52
(34,509)	1:105:A:LYS:H	1:105:A:LYS:HD3	8	0.52
(34,509)	1:105:A:LYS:H	1:105:A:LYS:HD2	11	0.52
(34,509)	1:105:A:LYS:H	1:105:A:LYS:HD3	11	0.52
(34,156)	1:67:A:PRO:HD3	1:95:A:ILE:H	14	0.52
(33,2414)	1:126:A:GLY:H	1:129:A:LYS:HG2	19	0.52
(33,2414)	1:126:A:GLY:H	1:129:A:LYS:HG3	19	0.52
(33,2134)	1:40:A:LEU:HD11	1:43:A:MET:H	3	0.52
(33,2134)	1:40:A:LEU:HD12	1:43:A:MET:H	3	0.52
(33,2134)	1:40:A:LEU:HD13	1:43:A:MET:H	3	0.52
(33,2134)	1:40:A:LEU:HD21	1:43:A:MET:H	3	0.52
(33,2134)	1:40:A:LEU:HD22	1:43:A:MET:H	3	0.52
(33,2134)	1:40:A:LEU:HD23	1:43:A:MET:H	3	0.52
(33,2070)	1:34:A:LYS:HG2	1:81:A:GLU:HB2	9	0.52
(33,2070)	1:34:A:LYS:HG2	1:81:A:GLU:HB3	9	0.52
(33,2070)	1:34:A:LYS:HG3	1:81:A:GLU:HB2	9	0.52
(33,2070)	1:34:A:LYS:HG3	1:81:A:GLU:HB3	9	0.52
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG11	2	0.52
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG12	2	0.52
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG13	2	0.52
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG21	2	0.52
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG22	2	0.52
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG23	2	0.52
(33,1902)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	5	0.52
(33,1902)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	5	0.52
(33,1902)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	5	0.52
(33,1902)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	5	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1902)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	5	0.52
(33,1902)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	5	0.52
(33,1900)	1:151:A:PHE:H	1:151:A:PHE:HD1	8	0.52
(33,1900)	1:151:A:PHE:H	1:151:A:PHE:HD2	8	0.52
(33,1863)	1:9:A:PHE:HE1	1:14:A:VAL:HB	16	0.52
(33,1863)	1:9:A:PHE:HE2	1:14:A:VAL:HB	16	0.52
(33,1764)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	17	0.52
(33,1764)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	17	0.52
(33,1764)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	17	0.52
(33,1759)	1:141:A:LYS:HA	1:148:A:CYS:H	12	0.52
(33,1744)	1:36:A:PRO:HA	1:37:A:LEU:HD21	14	0.52
(33,1744)	1:36:A:PRO:HA	1:37:A:LEU:HD22	14	0.52
(33,1744)	1:36:A:PRO:HA	1:37:A:LEU:HD23	14	0.52
(33,1729)	1:19:A:ALA:H	1:132:A:ALA:HA	3	0.52
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD21	5	0.52
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD22	5	0.52
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD23	5	0.52
(33,1701)	1:141:A:LYS:HA	1:145:A:PRO:HD3	6	0.52
(33,1634)	1:102:A:PRO:HA	1:105:A:LYS:HD2	13	0.52
(33,1634)	1:102:A:PRO:HA	1:105:A:LYS:HD3	13	0.52
(33,1573)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	17	0.52
(33,1573)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	17	0.52
(33,1573)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	17	0.52
(33,1556)	1:11:A:ILE:HD11	1:14:A:VAL:H	17	0.52
(33,1556)	1:11:A:ILE:HD12	1:14:A:VAL:H	17	0.52
(33,1556)	1:11:A:ILE:HD13	1:14:A:VAL:H	17	0.52
(33,1540)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	16	0.52
(33,1540)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	16	0.52
(33,1540)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	16	0.52
(33,1540)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	16	0.52
(33,1540)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	16	0.52
(33,1540)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	16	0.52
(33,1526)	1:76:A:ARG:HG2	1:110:A:MET:HE1	4	0.52
(33,1526)	1:76:A:ARG:HG2	1:110:A:MET:HE2	4	0.52
(33,1526)	1:76:A:ARG:HG2	1:110:A:MET:HE3	4	0.52
(33,1526)	1:76:A:ARG:HG3	1:110:A:MET:HE1	4	0.52
(33,1526)	1:76:A:ARG:HG3	1:110:A:MET:HE2	4	0.52
(33,1526)	1:76:A:ARG:HG3	1:110:A:MET:HE3	4	0.52
(33,1509)	1:69:A:MET:HE1	1:115:A:ALA:H	17	0.52
(33,1509)	1:69:A:MET:HE2	1:115:A:ALA:H	17	0.52
(33,1509)	1:69:A:MET:HE3	1:115:A:ALA:H	17	0.52
(33,1502)	1:98:A:ILE:HG21	1:101:A:ILE:HB	19	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1502)	1:98:A:ILE:HG22	1:101:A:ILE:HB	19	0.52
(33,1502)	1:98:A:ILE:HG23	1:101:A:ILE:HB	19	0.52
(33,1436)	1:101:A:ILE:HG21	1:115:A:ALA:HB1	19	0.52
(33,1436)	1:101:A:ILE:HG21	1:115:A:ALA:HB2	19	0.52
(33,1436)	1:101:A:ILE:HG21	1:115:A:ALA:HB3	19	0.52
(33,1436)	1:101:A:ILE:HG22	1:115:A:ALA:HB1	19	0.52
(33,1436)	1:101:A:ILE:HG22	1:115:A:ALA:HB2	19	0.52
(33,1436)	1:101:A:ILE:HG22	1:115:A:ALA:HB3	19	0.52
(33,1436)	1:101:A:ILE:HG23	1:115:A:ALA:HB1	19	0.52
(33,1436)	1:101:A:ILE:HG23	1:115:A:ALA:HB2	19	0.52
(33,1436)	1:101:A:ILE:HG23	1:115:A:ALA:HB3	19	0.52
(33,1286)	1:15:A:ALA:HA	1:131:A:LEU:HG	8	0.52
(33,1251)	1:40:A:LEU:HD11	1:44:A:GLU:H	15	0.52
(33,1251)	1:40:A:LEU:HD12	1:44:A:GLU:H	15	0.52
(33,1251)	1:40:A:LEU:HD13	1:44:A:GLU:H	15	0.52
(33,1238)	1:140:A:LEU:HA	1:140:A:LEU:HD21	10	0.52
(33,1238)	1:140:A:LEU:HA	1:140:A:LEU:HD22	10	0.52
(33,1238)	1:140:A:LEU:HA	1:140:A:LEU:HD23	10	0.52
(33,997)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	6	0.52
(33,997)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	6	0.52
(33,997)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	8	0.52
(33,997)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	8	0.52
(33,943)	1:69:A:MET:HG2	1:109:A:PRO:HA	8	0.52
(33,943)	1:69:A:MET:HG2	1:109:A:PRO:HA	16	0.52
(33,921)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	2	0.52
(33,921)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	2	0.52
(33,921)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	2	0.52
(33,867)	1:39:A:VAL:H	1:139:A:LEU:HB2	13	0.52
(33,867)	1:39:A:VAL:H	1:139:A:LEU:HB3	13	0.52
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	13	0.52
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	13	0.52
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	13	0.52
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	13	0.52
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	13	0.52
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	13	0.52
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	13	0.52
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	13	0.52
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	13	0.52
(33,771)	1:101:A:ILE:HD11	1:119:A:LEU:HA	19	0.52
(33,771)	1:101:A:ILE:HD12	1:119:A:LEU:HA	19	0.52
(33,771)	1:101:A:ILE:HD13	1:119:A:LEU:HA	19	0.52
(33,495)	1:105:A:LYS:H	1:105:A:LYS:HG2	12	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2398)	1:126:A:GLY:H	1:129:A:LYS:HG2	19	0.52
(32,2398)	1:126:A:GLY:H	1:129:A:LYS:HG3	19	0.52
(32,2344)	1:113:A:PHE:H	1:116:A:GLN:HG2	16	0.52
(32,2344)	1:113:A:PHE:H	1:116:A:GLN:HG3	16	0.52
(32,2322)	1:107:A:LEU:H	1:107:A:LEU:HD11	11	0.52
(32,2322)	1:107:A:LEU:H	1:107:A:LEU:HD12	11	0.52
(32,2322)	1:107:A:LEU:H	1:107:A:LEU:HD13	11	0.52
(32,2322)	1:107:A:LEU:H	1:107:A:LEU:HD21	11	0.52
(32,2322)	1:107:A:LEU:H	1:107:A:LEU:HD22	11	0.52
(32,2322)	1:107:A:LEU:H	1:107:A:LEU:HD23	11	0.52
(32,2236)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	8	0.52
(32,2236)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	8	0.52
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD11	14	0.52
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD12	14	0.52
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD13	14	0.52
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD21	14	0.52
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD22	14	0.52
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD23	14	0.52
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD11	14	0.52
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD12	14	0.52
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD13	14	0.52
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD21	14	0.52
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD22	14	0.52
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD23	14	0.52
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD11	13	0.52
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD12	13	0.52
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD13	13	0.52
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD21	13	0.52
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD22	13	0.52
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD23	13	0.52
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	4	0.52
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	4	0.52
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	4	0.52
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	4	0.52
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	4	0.52
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	4	0.52
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	4	0.52
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	4	0.52
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	4	0.52
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	4	0.52
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	4	0.52
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	4	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	4	0.52
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	4	0.52
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	4	0.52
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	4	0.52
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	4	0.52
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	4	0.52
(32,1987)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	5	0.52
(32,1987)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	5	0.52
(32,1987)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	5	0.52
(32,1987)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	5	0.52
(32,1987)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	5	0.52
(32,1987)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	5	0.52
(32,1957)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	7	0.52
(32,1957)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	7	0.52
(32,1957)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	7	0.52
(32,1957)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	7	0.52
(32,1957)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	7	0.52
(32,1957)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	7	0.52
(32,1866)	1:151:A:PHE:H	1:151:A:PHE:HD1	8	0.52
(32,1866)	1:151:A:PHE:H	1:151:A:PHE:HD2	8	0.52
(32,1676)	1:14:A:VAL:H	1:79:A:THR:HG21	18	0.52
(32,1676)	1:14:A:VAL:H	1:79:A:THR:HG22	18	0.52
(32,1676)	1:14:A:VAL:H	1:79:A:THR:HG23	18	0.52
(32,1653)	1:43:A:MET:HE1	1:131:A:LEU:HA	17	0.52
(32,1653)	1:43:A:MET:HE2	1:131:A:LEU:HA	17	0.52
(32,1653)	1:43:A:MET:HE3	1:131:A:LEU:HA	17	0.52
(32,1546)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	9	0.52
(32,1546)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	9	0.52
(32,1546)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	9	0.52
(32,1525)	1:11:A:ILE:HD11	1:43:A:MET:H	18	0.52
(32,1525)	1:11:A:ILE:HD12	1:43:A:MET:H	18	0.52
(32,1525)	1:11:A:ILE:HD13	1:43:A:MET:H	18	0.52
(32,1404)	1:101:A:ILE:HG21	1:115:A:ALA:HB1	19	0.52
(32,1404)	1:101:A:ILE:HG21	1:115:A:ALA:HB2	19	0.52
(32,1404)	1:101:A:ILE:HG21	1:115:A:ALA:HB3	19	0.52
(32,1404)	1:101:A:ILE:HG22	1:115:A:ALA:HB1	19	0.52
(32,1404)	1:101:A:ILE:HG22	1:115:A:ALA:HB2	19	0.52
(32,1404)	1:101:A:ILE:HG22	1:115:A:ALA:HB3	19	0.52
(32,1404)	1:101:A:ILE:HG23	1:115:A:ALA:HB1	19	0.52
(32,1404)	1:101:A:ILE:HG23	1:115:A:ALA:HB2	19	0.52
(32,1404)	1:101:A:ILE:HG23	1:115:A:ALA:HB3	19	0.52
(32,1384)	1:70:A:LYS:HA	1:73:A:ILE:HG21	19	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1384)	1:70:A:LYS:HA	1:73:A:ILE:HG22	19	0.52
(32,1384)	1:70:A:LYS:HA	1:73:A:ILE:HG23	19	0.52
(32,1248)	1:15:A:ALA:HA	1:131:A:LEU:HG	8	0.52
(32,966)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	6	0.52
(32,966)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	6	0.52
(32,966)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	8	0.52
(32,966)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	8	0.52
(32,775)	1:54:A:ARG:HB3	1:58:A:ILE:HD11	12	0.52
(32,775)	1:54:A:ARG:HB3	1:58:A:ILE:HD12	12	0.52
(32,775)	1:54:A:ARG:HB3	1:58:A:ILE:HD13	12	0.52
(32,549)	1:116:A:GLN:H	1:116:A:GLN:HE22	8	0.52
(32,192)	1:101:A:ILE:H	1:104:A:PHE:HD1	11	0.52
(32,192)	1:101:A:ILE:H	1:104:A:PHE:HD2	11	0.52
(30,2242)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	8	0.52
(30,2242)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	8	0.52
(30,2132)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	14	0.52
(30,2132)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	14	0.52
(30,2132)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	14	0.52
(30,2132)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	14	0.52
(30,2132)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	14	0.52
(30,2132)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	14	0.52
(30,1995)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	7	0.52
(30,1995)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	7	0.52
(30,1995)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	7	0.52
(30,1995)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	7	0.52
(30,1995)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	7	0.52
(30,1995)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	7	0.52
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	1	0.52
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	1	0.52
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	1	0.52
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	1	0.52
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	1	0.52
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	1	0.52
(30,1769)	1:97:A:ASP:HA	1:105:A:LYS:HA	13	0.52
(30,1569)	1:11:A:ILE:HD11	1:14:A:VAL:H	17	0.52
(30,1569)	1:11:A:ILE:HD12	1:14:A:VAL:H	17	0.52
(30,1569)	1:11:A:ILE:HD13	1:14:A:VAL:H	17	0.52
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE1	12	0.52
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE2	12	0.52
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE3	12	0.52
(30,1439)	1:101:A:ILE:HG21	1:115:A:ALA:HB1	19	0.52
(30,1439)	1:101:A:ILE:HG21	1:115:A:ALA:HB2	19	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1439)	1:101:A:ILE:HG21	1:115:A:ALA:HB3	19	0.52
(30,1439)	1:101:A:ILE:HG22	1:115:A:ALA:HB1	19	0.52
(30,1439)	1:101:A:ILE:HG22	1:115:A:ALA:HB2	19	0.52
(30,1439)	1:101:A:ILE:HG22	1:115:A:ALA:HB3	19	0.52
(30,1439)	1:101:A:ILE:HG23	1:115:A:ALA:HB1	19	0.52
(30,1439)	1:101:A:ILE:HG23	1:115:A:ALA:HB2	19	0.52
(30,1439)	1:101:A:ILE:HG23	1:115:A:ALA:HB3	19	0.52
(30,1419)	1:70:A:LYS:HA	1:73:A:ILE:HG21	19	0.52
(30,1419)	1:70:A:LYS:HA	1:73:A:ILE:HG22	19	0.52
(30,1419)	1:70:A:LYS:HA	1:73:A:ILE:HG23	19	0.52
(30,1274)	1:15:A:ALA:HA	1:131:A:LEU:HG	8	0.52
(30,987)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	6	0.52
(30,987)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	6	0.52
(30,987)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	8	0.52
(30,987)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	8	0.52
(30,961)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	8	0.52
(30,961)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	8	0.52
(30,961)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	12	0.52
(30,961)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	12	0.52
(30,708)	1:45:A:ALA:HB1	1:48:A:ARG:HE	18	0.52
(30,708)	1:45:A:ALA:HB2	1:48:A:ARG:HE	18	0.52
(30,708)	1:45:A:ALA:HB3	1:48:A:ARG:HE	18	0.52
(30,687)	1:145:A:PRO:HB3	1:148:A:CYS:H	18	0.52
(30,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	5	0.52
(30,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	5	0.52
(30,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	10	0.52
(30,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	10	0.52
(29,2422)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	13	0.52
(29,2422)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	13	0.52
(29,2422)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	13	0.52
(29,2422)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	13	0.52
(29,2422)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	13	0.52
(29,2422)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	13	0.52
(29,2225)	1:65:A:CYS:HB2	1:69:A:MET:HE1	8	0.52
(29,2225)	1:65:A:CYS:HB2	1:69:A:MET:HE2	8	0.52
(29,2225)	1:65:A:CYS:HB2	1:69:A:MET:HE3	8	0.52
(29,2225)	1:65:A:CYS:HB3	1:69:A:MET:HE1	8	0.52
(29,2225)	1:65:A:CYS:HB3	1:69:A:MET:HE2	8	0.52
(29,2225)	1:65:A:CYS:HB3	1:69:A:MET:HE3	8	0.52
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG11	7	0.52
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG12	7	0.52
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG13	7	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG21	7	0.52
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG22	7	0.52
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG23	7	0.52
(29,2031)	1:16:A:SER:HB2	1:43:A:MET:HE1	8	0.52
(29,2031)	1:16:A:SER:HB2	1:43:A:MET:HE2	8	0.52
(29,2031)	1:16:A:SER:HB2	1:43:A:MET:HE3	8	0.52
(29,2031)	1:16:A:SER:HB3	1:43:A:MET:HE1	8	0.52
(29,2031)	1:16:A:SER:HB3	1:43:A:MET:HE2	8	0.52
(29,2031)	1:16:A:SER:HB3	1:43:A:MET:HE3	8	0.52
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	13	0.52
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	13	0.52
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	13	0.52
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	13	0.52
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	13	0.52
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	13	0.52
(29,1920)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	12	0.52
(29,1920)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	12	0.52
(29,1894)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	11	0.52
(29,1894)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	11	0.52
(29,1894)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	11	0.52
(29,1894)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	11	0.52
(29,1828)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	8	0.52
(29,1828)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	8	0.52
(29,1828)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	8	0.52
(29,1828)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	8	0.52
(29,1828)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	8	0.52
(29,1828)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	8	0.52
(29,1782)	1:141:A:LYS:HA	1:148:A:CYS:H	12	0.52
(29,1598)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	17	0.52
(29,1598)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	17	0.52
(29,1598)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	17	0.52
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE1	16	0.52
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE2	16	0.52
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE3	16	0.52
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB2	2	0.52
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB3	2	0.52
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB2	2	0.52
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB3	2	0.52
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB2	2	0.52
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB3	2	0.52
(29,1444)	1:101:A:ILE:HG21	1:115:A:ALA:HB1	19	0.52
(29,1444)	1:101:A:ILE:HG21	1:115:A:ALA:HB2	19	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1444)	1:101:A:ILE:HG21	1:115:A:ALA:HB3	19	0.52
(29,1444)	1:101:A:ILE:HG22	1:115:A:ALA:HB1	19	0.52
(29,1444)	1:101:A:ILE:HG22	1:115:A:ALA:HB2	19	0.52
(29,1444)	1:101:A:ILE:HG22	1:115:A:ALA:HB3	19	0.52
(29,1444)	1:101:A:ILE:HG23	1:115:A:ALA:HB1	19	0.52
(29,1444)	1:101:A:ILE:HG23	1:115:A:ALA:HB2	19	0.52
(29,1444)	1:101:A:ILE:HG23	1:115:A:ALA:HB3	19	0.52
(29,1290)	1:15:A:ALA:HA	1:131:A:LEU:HG	8	0.52
(29,719)	1:45:A:ALA:HB1	1:48:A:ARG:HE	18	0.52
(29,719)	1:45:A:ALA:HB2	1:48:A:ARG:HE	18	0.52
(29,719)	1:45:A:ALA:HB3	1:48:A:ARG:HE	18	0.52
(29,595)	1:75:A:GLY:H	1:76:A:ARG:HG2	2	0.52
(29,595)	1:75:A:GLY:H	1:76:A:ARG:HG3	2	0.52
(29,296)	1:43:A:MET:H	1:43:A:MET:HG3	9	0.52
(29,206)	1:101:A:ILE:H	1:104:A:PHE:HD1	11	0.52
(29,206)	1:101:A:ILE:H	1:104:A:PHE:HD2	11	0.52
(29,37)	1:95:A:ILE:HB	1:96:A:VAL:H	16	0.52
(29,8)	1:64:A:LYS:H	1:116:A:GLN:HE22	14	0.52
(23,20)	1:128:A:LEU:N	1:124:A:THR:O	17	0.52
(23,20)	1:128:A:LEU:N	1:124:A:THR:O	18	0.52
(23,18)	1:119:A:LEU:N	1:115:A:ALA:O	10	0.52
(22,36)	1:119:A:LEU:N	1:115:A:ALA:C	1	0.52
(22,11)	1:59:A:CYS:H	1:55:A:GLY:C	1	0.52
(22,7)	1:45:A:ALA:H	1:41:A:LYS:C	6	0.52
(22,1)	1:17:A:ASN:H	1:13:A:ALA:C	18	0.52
(20,8)	1:56:A:CYS:SG	1:123:A:CYS:SG	5	0.52
(18,2226)	1:60:A:LEU:HD11	1:123:A:CYS:H	14	0.52
(18,2226)	1:60:A:LEU:HD12	1:123:A:CYS:H	14	0.52
(18,2226)	1:60:A:LEU:HD13	1:123:A:CYS:H	14	0.52
(18,2226)	1:60:A:LEU:HD21	1:123:A:CYS:H	14	0.52
(18,2226)	1:60:A:LEU:HD22	1:123:A:CYS:H	14	0.52
(18,2226)	1:60:A:LEU:HD23	1:123:A:CYS:H	14	0.52
(18,2224)	1:60:A:LEU:HD11	1:122:A:ASP:H	1	0.52
(18,2224)	1:60:A:LEU:HD12	1:122:A:ASP:H	1	0.52
(18,2224)	1:60:A:LEU:HD13	1:122:A:ASP:H	1	0.52
(18,2224)	1:60:A:LEU:HD21	1:122:A:ASP:H	1	0.52
(18,2224)	1:60:A:LEU:HD22	1:122:A:ASP:H	1	0.52
(18,2224)	1:60:A:LEU:HD23	1:122:A:ASP:H	1	0.52
(18,2110)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	8	0.52
(18,2110)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	8	0.52
(18,2110)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	8	0.52
(18,2110)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	8	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2110)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	8	0.52
(18,2110)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	8	0.52
(18,2110)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	8	0.52
(18,2110)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	8	0.52
(18,2110)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	8	0.52
(18,2110)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	8	0.52
(18,2110)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	8	0.52
(18,2110)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	8	0.52
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD11	1	0.52
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD12	1	0.52
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD13	1	0.52
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD21	1	0.52
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD22	1	0.52
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD23	1	0.52
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	4	0.52
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	4	0.52
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	4	0.52
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	4	0.52
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	4	0.52
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	4	0.52
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	4	0.52
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	4	0.52
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	4	0.52
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	4	0.52
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	4	0.52
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	4	0.52
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	4	0.52
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	4	0.52
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	4	0.52
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	4	0.52
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	4	0.52
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	4	0.52
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	11	0.52
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	11	0.52
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	11	0.52
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	11	0.52
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	11	0.52
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	11	0.52
(18,2015)	1:18:A:PHE:HB2	1:132:A:ALA:HA	18	0.52
(18,2015)	1:18:A:PHE:HB3	1:132:A:ALA:HA	18	0.52
(18,1892)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	12	0.52
(18,1892)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	12	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	4	0.52
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	4	0.52
(18,1882)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	4	0.52
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	4	0.52
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	4	0.52
(18,1882)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	4	0.52
(18,1834)	1:80:A:TYR:HE1	1:81:A:GLU:HB3	4	0.52
(18,1834)	1:80:A:TYR:HE2	1:81:A:GLU:HB3	4	0.52
(18,1807)	1:18:A:PHE:HE1	1:131:A:LEU:HB2	16	0.52
(18,1807)	1:18:A:PHE:HE2	1:131:A:LEU:HB2	16	0.52
(18,1705)	1:79:A:THR:HG21	1:81:A:GLU:HB3	1	0.52
(18,1705)	1:79:A:THR:HG22	1:81:A:GLU:HB3	1	0.52
(18,1705)	1:79:A:THR:HG23	1:81:A:GLU:HB3	1	0.52
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB2	9	0.52
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB3	9	0.52
(18,1570)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	17	0.52
(18,1570)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	17	0.52
(18,1570)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	17	0.52
(18,1539)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	16	0.52
(18,1539)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	16	0.52
(18,1539)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	16	0.52
(18,1539)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	16	0.52
(18,1539)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	16	0.52
(18,1539)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	16	0.52
(18,1524)	1:76:A:ARG:HG2	1:110:A:MET:HE1	4	0.52
(18,1524)	1:76:A:ARG:HG2	1:110:A:MET:HE2	4	0.52
(18,1524)	1:76:A:ARG:HG2	1:110:A:MET:HE3	4	0.52
(18,1524)	1:76:A:ARG:HG3	1:110:A:MET:HE1	4	0.52
(18,1524)	1:76:A:ARG:HG3	1:110:A:MET:HE2	4	0.52
(18,1524)	1:76:A:ARG:HG3	1:110:A:MET:HE3	4	0.52
(18,1454)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	18	0.52
(18,1454)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	18	0.52
(18,1454)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	18	0.52
(18,1454)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	18	0.52
(18,1454)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	18	0.52
(18,1454)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	18	0.52
(18,1454)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	18	0.52
(18,1454)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	18	0.52
(18,1454)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	18	0.52
(18,1452)	1:13:A:ALA:HB1	1:79:A:THR:HB	13	0.52
(18,1452)	1:13:A:ALA:HB2	1:79:A:THR:HB	13	0.52
(18,1452)	1:13:A:ALA:HB3	1:79:A:THR:HB	13	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1103)	1:70:A:LYS:HA	1:70:A:LYS:HE2	18	0.52
(18,1103)	1:70:A:LYS:HA	1:70:A:LYS:HE3	18	0.52
(18,1003)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	6	0.52
(18,1003)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	6	0.52
(18,1003)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	8	0.52
(18,1003)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	8	0.52
(18,965)	1:12:A:VAL:HA	1:43:A:MET:HG3	5	0.52
(18,925)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	17	0.52
(18,925)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	17	0.52
(18,925)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	17	0.52
(18,849)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	2	0.52
(18,831)	1:98:A:ILE:HD11	1:119:A:LEU:HG	15	0.52
(18,831)	1:98:A:ILE:HD12	1:119:A:LEU:HG	15	0.52
(18,831)	1:98:A:ILE:HD13	1:119:A:LEU:HG	15	0.52
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB2	18	0.52
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB3	18	0.52
(18,568)	1:73:A:ILE:HD11	1:110:A:MET:H	3	0.52
(18,568)	1:73:A:ILE:HD12	1:110:A:MET:H	3	0.52
(18,568)	1:73:A:ILE:HD13	1:110:A:MET:H	3	0.52
(18,239)	1:112:A:GLN:HG2	1:114:A:ILE:H	8	0.52
(18,239)	1:112:A:GLN:HG3	1:114:A:ILE:H	8	0.52
(18,207)	1:101:A:ILE:H	1:104:A:PHE:HD1	11	0.52
(18,207)	1:101:A:ILE:H	1:104:A:PHE:HD2	11	0.52
(18,121)	1:79:A:THR:H	1:80:A:TYR:H	18	0.52
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD11	10	0.52
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD12	10	0.52
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD13	10	0.52
(18,7)	1:64:A:LYS:H	1:116:A:GLN:HE22	14	0.52
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD11	8	0.52
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD12	8	0.52
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD13	8	0.52
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD21	8	0.52
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD22	8	0.52
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD23	8	0.52
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD11	19	0.52
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD12	19	0.52
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD13	19	0.52
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD21	19	0.52
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD22	19	0.52
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD23	19	0.52
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD11	19	0.52
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD12	19	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD13	19	0.52
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD21	19	0.52
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD22	19	0.52
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD23	19	0.52
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD11	19	0.52
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD12	19	0.52
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD13	19	0.52
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD21	19	0.52
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD22	19	0.52
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD23	19	0.52
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD11	19	0.52
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD12	19	0.52
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD13	19	0.52
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD21	19	0.52
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD22	19	0.52
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD23	19	0.52
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD11	19	0.52
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD12	19	0.52
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD13	19	0.52
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD21	19	0.52
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD22	19	0.52
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD23	19	0.52
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD11	19	0.52
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD12	19	0.52
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD13	19	0.52
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD21	19	0.52
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD22	19	0.52
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD23	19	0.52
(17,2238)	1:65:A:CYS:HB2	1:69:A:MET:HE1	8	0.52
(17,2238)	1:65:A:CYS:HB2	1:69:A:MET:HE2	8	0.52
(17,2238)	1:65:A:CYS:HB2	1:69:A:MET:HE3	8	0.52
(17,2238)	1:65:A:CYS:HB3	1:69:A:MET:HE1	8	0.52
(17,2238)	1:65:A:CYS:HB3	1:69:A:MET:HE2	8	0.52
(17,2238)	1:65:A:CYS:HB3	1:69:A:MET:HE3	8	0.52
(17,2150)	1:40:A:LEU:HD11	1:44:A:GLU:HG2	17	0.52
(17,2150)	1:40:A:LEU:HD12	1:44:A:GLU:HG2	17	0.52
(17,2150)	1:40:A:LEU:HD13	1:44:A:GLU:HG2	17	0.52
(17,2150)	1:40:A:LEU:HD21	1:44:A:GLU:HG2	17	0.52
(17,2150)	1:40:A:LEU:HD22	1:44:A:GLU:HG2	17	0.52
(17,2150)	1:40:A:LEU:HD23	1:44:A:GLU:HG2	17	0.52
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD11	13	0.52
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD12	13	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD13	13	0.52
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD21	13	0.52
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD22	13	0.52
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD23	13	0.52
(17,1921)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	5	0.52
(17,1921)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	5	0.52
(17,1921)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	5	0.52
(17,1921)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	5	0.52
(17,1921)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	5	0.52
(17,1921)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	5	0.52
(17,1919)	1:151:A:PHE:H	1:151:A:PHE:HD1	8	0.52
(17,1919)	1:151:A:PHE:H	1:151:A:PHE:HD2	8	0.52
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE1	12	0.52
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE2	12	0.52
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE3	12	0.52
(17,1459)	1:101:A:ILE:HG21	1:115:A:ALA:HB1	19	0.52
(17,1459)	1:101:A:ILE:HG21	1:115:A:ALA:HB2	19	0.52
(17,1459)	1:101:A:ILE:HG21	1:115:A:ALA:HB3	19	0.52
(17,1459)	1:101:A:ILE:HG22	1:115:A:ALA:HB1	19	0.52
(17,1459)	1:101:A:ILE:HG22	1:115:A:ALA:HB2	19	0.52
(17,1459)	1:101:A:ILE:HG22	1:115:A:ALA:HB3	19	0.52
(17,1459)	1:101:A:ILE:HG23	1:115:A:ALA:HB1	19	0.52
(17,1459)	1:101:A:ILE:HG23	1:115:A:ALA:HB2	19	0.52
(17,1459)	1:101:A:ILE:HG23	1:115:A:ALA:HB3	19	0.52
(17,1254)	1:40:A:LEU:HD11	1:44:A:GLU:H	15	0.52
(17,1254)	1:40:A:LEU:HD12	1:44:A:GLU:H	15	0.52
(17,1254)	1:40:A:LEU:HD13	1:44:A:GLU:H	15	0.52
(17,1245)	1:21:A:THR:HG21	1:23:A:LEU:HA	7	0.52
(17,1245)	1:21:A:THR:HG22	1:23:A:LEU:HA	7	0.52
(17,1245)	1:21:A:THR:HG23	1:23:A:LEU:HA	7	0.52
(17,1177)	1:140:A:LEU:HD21	1:144:A:LEU:H	14	0.52
(17,1177)	1:140:A:LEU:HD22	1:144:A:LEU:H	14	0.52
(17,1177)	1:140:A:LEU:HD23	1:144:A:LEU:H	14	0.52
(17,1032)	1:8:A:ASP:H	1:58:A:ILE:HG13	4	0.52
(17,1032)	1:8:A:ASP:H	1:58:A:ILE:HG13	11	0.52
(17,925)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	17	0.52
(17,925)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	17	0.52
(17,925)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	17	0.52
(17,721)	1:54:A:ARG:HE	1:58:A:ILE:HD11	4	0.52
(17,721)	1:54:A:ARG:HE	1:58:A:ILE:HD12	4	0.52
(17,721)	1:54:A:ARG:HE	1:58:A:ILE:HD13	4	0.52
(17,7)	1:64:A:LYS:H	1:116:A:GLN:HE22	14	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2348)	1:113:A:PHE:H	1:116:A:GLN:HG2	16	0.52
(16,2348)	1:113:A:PHE:H	1:116:A:GLN:HG3	16	0.52
(16,2332)	1:107:A:LEU:HD11	1:115:A:ALA:H	1	0.52
(16,2332)	1:107:A:LEU:HD12	1:115:A:ALA:H	1	0.52
(16,2332)	1:107:A:LEU:HD13	1:115:A:ALA:H	1	0.52
(16,2332)	1:107:A:LEU:HD21	1:115:A:ALA:H	1	0.52
(16,2332)	1:107:A:LEU:HD22	1:115:A:ALA:H	1	0.52
(16,2332)	1:107:A:LEU:HD23	1:115:A:ALA:H	1	0.52
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD11	1	0.52
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD12	1	0.52
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD13	1	0.52
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD21	1	0.52
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD22	1	0.52
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD23	1	0.52
(16,2239)	1:69:A:MET:HG2	1:76:A:ARG:HB3	5	0.52
(16,2239)	1:69:A:MET:HG3	1:76:A:ARG:HB3	5	0.52
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD11	14	0.52
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD12	14	0.52
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD13	14	0.52
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD21	14	0.52
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD22	14	0.52
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD23	14	0.52
(16,2141)	1:40:A:LEU:HD11	1:43:A:MET:HG3	10	0.52
(16,2141)	1:40:A:LEU:HD12	1:43:A:MET:HG3	10	0.52
(16,2141)	1:40:A:LEU:HD13	1:43:A:MET:HG3	10	0.52
(16,2141)	1:40:A:LEU:HD21	1:43:A:MET:HG3	10	0.52
(16,2141)	1:40:A:LEU:HD22	1:43:A:MET:HG3	10	0.52
(16,2141)	1:40:A:LEU:HD23	1:43:A:MET:HG3	10	0.52
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD11	1	0.52
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD12	1	0.52
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD13	1	0.52
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD21	1	0.52
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD22	1	0.52
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD23	1	0.52
(16,2083)	1:35:A:LEU:HD11	1:38:A:GLU:H	5	0.52
(16,2083)	1:35:A:LEU:HD12	1:38:A:GLU:H	5	0.52
(16,2083)	1:35:A:LEU:HD13	1:38:A:GLU:H	5	0.52
(16,2083)	1:35:A:LEU:HD21	1:38:A:GLU:H	5	0.52
(16,2083)	1:35:A:LEU:HD22	1:38:A:GLU:H	5	0.52
(16,2083)	1:35:A:LEU:HD23	1:38:A:GLU:H	5	0.52
(16,2083)	1:35:A:LEU:HD11	1:38:A:GLU:H	8	0.52
(16,2083)	1:35:A:LEU:HD12	1:38:A:GLU:H	8	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2083)	1:35:A:LEU:HD13	1:38:A:GLU:H	8	0.52
(16,2083)	1:35:A:LEU:HD21	1:38:A:GLU:H	8	0.52
(16,2083)	1:35:A:LEU:HD22	1:38:A:GLU:H	8	0.52
(16,2083)	1:35:A:LEU:HD23	1:38:A:GLU:H	8	0.52
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	4	0.52
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	4	0.52
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	4	0.52
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	4	0.52
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	4	0.52
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	4	0.52
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	4	0.52
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	4	0.52
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	4	0.52
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	4	0.52
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	4	0.52
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	4	0.52
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	4	0.52
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	4	0.52
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	4	0.52
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	4	0.52
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	4	0.52
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	4	0.52
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	8	0.52
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	8	0.52
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	8	0.52
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	8	0.52
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	8	0.52
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	8	0.52
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	8	0.52
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	8	0.52
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	8	0.52
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	8	0.52
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	8	0.52
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	8	0.52
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD11	11	0.52
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD12	11	0.52
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD13	11	0.52
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD21	11	0.52
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD22	11	0.52
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD23	11	0.52
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD11	11	0.52
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD12	11	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD13	11	0.52
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD21	11	0.52
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD22	11	0.52
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD23	11	0.52
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	4	0.52
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	4	0.52
(16,1878)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	4	0.52
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	4	0.52
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	4	0.52
(16,1878)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	4	0.52
(16,1711)	1:14:A:VAL:H	1:79:A:THR:HG21	18	0.52
(16,1711)	1:14:A:VAL:H	1:79:A:THR:HG22	18	0.52
(16,1711)	1:14:A:VAL:H	1:79:A:THR:HG23	18	0.52
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB2	9	0.52
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB3	9	0.52
(16,1544)	1:46:A:ASN:HB2	1:134:A:VAL:H	1	0.52
(16,1532)	1:76:A:ARG:HG2	1:110:A:MET:HE1	4	0.52
(16,1532)	1:76:A:ARG:HG2	1:110:A:MET:HE2	4	0.52
(16,1532)	1:76:A:ARG:HG2	1:110:A:MET:HE3	4	0.52
(16,1532)	1:76:A:ARG:HG3	1:110:A:MET:HE1	4	0.52
(16,1532)	1:76:A:ARG:HG3	1:110:A:MET:HE2	4	0.52
(16,1532)	1:76:A:ARG:HG3	1:110:A:MET:HE3	4	0.52
(16,1530)	1:69:A:MET:HE1	1:76:A:ARG:HB3	10	0.52
(16,1530)	1:69:A:MET:HE2	1:76:A:ARG:HB3	10	0.52
(16,1530)	1:69:A:MET:HE3	1:76:A:ARG:HB3	10	0.52
(16,1440)	1:101:A:ILE:HG21	1:115:A:ALA:HB1	19	0.52
(16,1440)	1:101:A:ILE:HG21	1:115:A:ALA:HB2	19	0.52
(16,1440)	1:101:A:ILE:HG21	1:115:A:ALA:HB3	19	0.52
(16,1440)	1:101:A:ILE:HG22	1:115:A:ALA:HB1	19	0.52
(16,1440)	1:101:A:ILE:HG22	1:115:A:ALA:HB2	19	0.52
(16,1440)	1:101:A:ILE:HG22	1:115:A:ALA:HB3	19	0.52
(16,1440)	1:101:A:ILE:HG23	1:115:A:ALA:HB1	19	0.52
(16,1440)	1:101:A:ILE:HG23	1:115:A:ALA:HB2	19	0.52
(16,1440)	1:101:A:ILE:HG23	1:115:A:ALA:HB3	19	0.52
(16,1279)	1:15:A:ALA:HA	1:131:A:LEU:HG	8	0.52
(16,1036)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	11	0.52
(16,1036)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	11	0.52
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	4	0.52
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	4	0.52
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	4	0.52
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	4	0.52
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	16	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	16	0.52
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	16	0.52
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	16	0.52
(16,793)	1:63:A:ILE:HD11	1:64:A:LYS:H	14	0.52
(16,793)	1:63:A:ILE:HD12	1:64:A:LYS:H	14	0.52
(16,793)	1:63:A:ILE:HD13	1:64:A:LYS:H	14	0.52
(16,792)	1:11:A:ILE:HD11	1:52:A:CYS:HB2	3	0.52
(16,792)	1:11:A:ILE:HD11	1:52:A:CYS:HB3	3	0.52
(16,792)	1:11:A:ILE:HD12	1:52:A:CYS:HB2	3	0.52
(16,792)	1:11:A:ILE:HD12	1:52:A:CYS:HB3	3	0.52
(16,792)	1:11:A:ILE:HD13	1:52:A:CYS:HB2	3	0.52
(16,792)	1:11:A:ILE:HD13	1:52:A:CYS:HB3	3	0.52
(16,726)	1:54:A:ARG:HE	1:58:A:ILE:HD11	4	0.52
(16,726)	1:54:A:ARG:HE	1:58:A:ILE:HD12	4	0.52
(16,726)	1:54:A:ARG:HE	1:58:A:ILE:HD13	4	0.52
(16,595)	1:75:A:GLY:H	1:76:A:ARG:HG2	2	0.52
(16,595)	1:75:A:GLY:H	1:76:A:ARG:HG3	2	0.52
(16,557)	1:73:A:ILE:HD11	1:110:A:MET:H	3	0.52
(16,557)	1:73:A:ILE:HD12	1:110:A:MET:H	3	0.52
(16,557)	1:73:A:ILE:HD13	1:110:A:MET:H	3	0.52
(16,118)	1:79:A:THR:H	1:80:A:TYR:H	18	0.52
(16,88)	1:151:A:PHE:H	1:151:A:PHE:HB3	6	0.52
(16,35)	1:95:A:ILE:HB	1:96:A:VAL:H	16	0.52
(16,8)	1:64:A:LYS:H	1:116:A:GLN:HE22	14	0.52
(16,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	5	0.52
(16,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	5	0.52
(16,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	10	0.52
(16,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	10	0.52
(15,2220)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	8	0.52
(15,2220)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	8	0.52
(15,2207)	1:65:A:CYS:HB2	1:69:A:MET:HE1	8	0.52
(15,2207)	1:65:A:CYS:HB2	1:69:A:MET:HE2	8	0.52
(15,2207)	1:65:A:CYS:HB2	1:69:A:MET:HE3	8	0.52
(15,2207)	1:65:A:CYS:HB3	1:69:A:MET:HE1	8	0.52
(15,2207)	1:65:A:CYS:HB3	1:69:A:MET:HE2	8	0.52
(15,2207)	1:65:A:CYS:HB3	1:69:A:MET:HE3	8	0.52
(15,1994)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	5	0.52
(15,1994)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	5	0.52
(15,1994)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	5	0.52
(15,1994)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	5	0.52
(15,1994)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	5	0.52
(15,1994)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	5	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1966)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	8	0.52
(15,1966)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	8	0.52
(15,1966)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	8	0.52
(15,1966)	1:14:A:VAL:HG11	1:60:A:LEU:HD21	8	0.52
(15,1966)	1:14:A:VAL:HG11	1:60:A:LEU:HD22	8	0.52
(15,1966)	1:14:A:VAL:HG11	1:60:A:LEU:HD23	8	0.52
(15,1966)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	8	0.52
(15,1966)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	8	0.52
(15,1966)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	8	0.52
(15,1966)	1:14:A:VAL:HG12	1:60:A:LEU:HD21	8	0.52
(15,1966)	1:14:A:VAL:HG12	1:60:A:LEU:HD22	8	0.52
(15,1966)	1:14:A:VAL:HG12	1:60:A:LEU:HD23	8	0.52
(15,1966)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	8	0.52
(15,1966)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	8	0.52
(15,1966)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	8	0.52
(15,1966)	1:14:A:VAL:HG13	1:60:A:LEU:HD21	8	0.52
(15,1966)	1:14:A:VAL:HG13	1:60:A:LEU:HD22	8	0.52
(15,1966)	1:14:A:VAL:HG13	1:60:A:LEU:HD23	8	0.52
(15,1966)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	8	0.52
(15,1966)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	8	0.52
(15,1966)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	8	0.52
(15,1966)	1:14:A:VAL:HG21	1:60:A:LEU:HD21	8	0.52
(15,1966)	1:14:A:VAL:HG21	1:60:A:LEU:HD22	8	0.52
(15,1966)	1:14:A:VAL:HG21	1:60:A:LEU:HD23	8	0.52
(15,1966)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	8	0.52
(15,1966)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	8	0.52
(15,1966)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	8	0.52
(15,1966)	1:14:A:VAL:HG22	1:60:A:LEU:HD21	8	0.52
(15,1966)	1:14:A:VAL:HG22	1:60:A:LEU:HD22	8	0.52
(15,1966)	1:14:A:VAL:HG22	1:60:A:LEU:HD23	8	0.52
(15,1966)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	8	0.52
(15,1966)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	8	0.52
(15,1966)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	8	0.52
(15,1966)	1:14:A:VAL:HG23	1:60:A:LEU:HD21	8	0.52
(15,1966)	1:14:A:VAL:HG23	1:60:A:LEU:HD22	8	0.52
(15,1966)	1:14:A:VAL:HG23	1:60:A:LEU:HD23	8	0.52
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD11	19	0.52
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD12	19	0.52
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD13	19	0.52
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD21	19	0.52
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD22	19	0.52
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD23	19	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1904)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	15	0.52
(15,1904)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	15	0.52
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG21	1	0.52
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG22	1	0.52
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG23	1	0.52
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG21	1	0.52
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG22	1	0.52
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG23	1	0.52
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG21	1	0.52
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG22	1	0.52
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG23	1	0.52
(15,1578)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	17	0.52
(15,1578)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	17	0.52
(15,1578)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	17	0.52
(15,1435)	1:101:A:ILE:HG21	1:115:A:ALA:HB1	19	0.52
(15,1435)	1:101:A:ILE:HG21	1:115:A:ALA:HB2	19	0.52
(15,1435)	1:101:A:ILE:HG21	1:115:A:ALA:HB3	19	0.52
(15,1435)	1:101:A:ILE:HG22	1:115:A:ALA:HB1	19	0.52
(15,1435)	1:101:A:ILE:HG22	1:115:A:ALA:HB2	19	0.52
(15,1435)	1:101:A:ILE:HG22	1:115:A:ALA:HB3	19	0.52
(15,1435)	1:101:A:ILE:HG23	1:115:A:ALA:HB1	19	0.52
(15,1435)	1:101:A:ILE:HG23	1:115:A:ALA:HB2	19	0.52
(15,1435)	1:101:A:ILE:HG23	1:115:A:ALA:HB3	19	0.52
(15,1417)	1:70:A:LYS:HA	1:73:A:ILE:HG21	19	0.52
(15,1417)	1:70:A:LYS:HA	1:73:A:ILE:HG22	19	0.52
(15,1417)	1:70:A:LYS:HA	1:73:A:ILE:HG23	19	0.52
(15,1279)	1:15:A:ALA:HA	1:131:A:LEU:HG	8	0.52
(15,1230)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	18	0.52
(15,1230)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	18	0.52
(15,1230)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	18	0.52
(15,914)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	9	0.52
(15,914)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	9	0.52
(15,914)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	9	0.52
(15,844)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	2	0.52
(15,833)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	6	0.52
(15,833)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	6	0.52
(15,833)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	6	0.52
(15,833)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	6	0.52
(15,833)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	6	0.52
(15,833)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	6	0.52
(15,720)	1:54:A:ARG:HE	1:58:A:ILE:HD11	4	0.52
(15,720)	1:54:A:ARG:HE	1:58:A:ILE:HD12	4	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,720)	1:54:A:ARG:HE	1:58:A:ILE:HD13	4	0.52
(15,707)	1:27:A:ARG:HB3	1:27:A:ARG:HE	12	0.52
(15,707)	1:27:A:ARG:HB2	1:27:A:ARG:HE	12	0.52
(15,206)	1:101:A:ILE:H	1:104:A:PHE:HD1	11	0.52
(15,206)	1:101:A:ILE:H	1:104:A:PHE:HD2	11	0.52
(13,2422)	1:136:A:CYS:HB2	1:149:A:ALA:H	5	0.52
(13,2422)	1:136:A:CYS:HB3	1:149:A:ALA:H	5	0.52
(13,2313)	1:107:A:LEU:HD11	1:115:A:ALA:H	1	0.52
(13,2313)	1:107:A:LEU:HD12	1:115:A:ALA:H	1	0.52
(13,2313)	1:107:A:LEU:HD13	1:115:A:ALA:H	1	0.52
(13,2313)	1:107:A:LEU:HD21	1:115:A:ALA:H	1	0.52
(13,2313)	1:107:A:LEU:HD22	1:115:A:ALA:H	1	0.52
(13,2313)	1:107:A:LEU:HD23	1:115:A:ALA:H	1	0.52
(13,2208)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	8	0.52
(13,2208)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	8	0.52
(13,2096)	1:43:A:MET:HG3	1:46:A:ASN:HD21	17	0.52
(13,2096)	1:43:A:MET:HG3	1:46:A:ASN:HD22	17	0.52
(13,2070)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	14	0.52
(13,2070)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	14	0.52
(13,2070)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	14	0.52
(13,2070)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	14	0.52
(13,2070)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	14	0.52
(13,2070)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	14	0.52
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	4	0.52
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	4	0.52
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	4	0.52
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	4	0.52
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	4	0.52
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	4	0.52
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	4	0.52
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	4	0.52
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	4	0.52
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	4	0.52
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	4	0.52
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	4	0.52
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	4	0.52
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	4	0.52
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	4	0.52
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	4	0.52
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	4	0.52
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	4	0.52
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	5	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	5	0.52
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	5	0.52
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	5	0.52
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	5	0.52
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	5	0.52
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	5	0.52
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	5	0.52
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	5	0.52
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	5	0.52
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	5	0.52
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	5	0.52
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	5	0.52
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	5	0.52
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	5	0.52
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	5	0.52
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	5	0.52
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	5	0.52
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	5	0.52
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	5	0.52
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	5	0.52
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	5	0.52
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	5	0.52
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	5	0.52
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	5	0.52
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	5	0.52
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	5	0.52
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	5	0.52
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	5	0.52
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	5	0.52
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	5	0.52
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	5	0.52
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	5	0.52
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	5	0.52
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	5	0.52
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	5	0.52
(13,1950)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	1	0.52
(13,1950)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	1	0.52
(13,1950)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	1	0.52
(13,1950)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	1	0.52
(13,1950)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	1	0.52
(13,1950)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	1	0.52
(13,1950)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	1	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1950)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	1	0.52
(13,1950)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	1	0.52
(13,1950)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	1	0.52
(13,1950)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	1	0.52
(13,1950)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	1	0.52
(13,1756)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	16	0.52
(13,1756)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	16	0.52
(13,1756)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	16	0.52
(13,1756)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	16	0.52
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG21	1	0.52
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG22	1	0.52
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG23	1	0.52
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG21	1	0.52
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG22	1	0.52
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG23	1	0.52
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG21	1	0.52
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG22	1	0.52
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG23	1	0.52
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG11	14	0.52
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG12	14	0.52
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG13	14	0.52
(13,1538)	1:11:A:ILE:HD11	1:14:A:VAL:H	17	0.52
(13,1538)	1:11:A:ILE:HD12	1:14:A:VAL:H	17	0.52
(13,1538)	1:11:A:ILE:HD13	1:14:A:VAL:H	17	0.52
(13,1457)	1:101:A:ILE:HG21	1:103:A:ARG:HA	16	0.52
(13,1457)	1:101:A:ILE:HG22	1:103:A:ARG:HA	16	0.52
(13,1457)	1:101:A:ILE:HG23	1:103:A:ARG:HA	16	0.52
(13,1409)	1:101:A:ILE:HG21	1:115:A:ALA:HB1	19	0.52
(13,1409)	1:101:A:ILE:HG21	1:115:A:ALA:HB2	19	0.52
(13,1409)	1:101:A:ILE:HG21	1:115:A:ALA:HB3	19	0.52
(13,1409)	1:101:A:ILE:HG22	1:115:A:ALA:HB1	19	0.52
(13,1409)	1:101:A:ILE:HG22	1:115:A:ALA:HB2	19	0.52
(13,1409)	1:101:A:ILE:HG22	1:115:A:ALA:HB3	19	0.52
(13,1409)	1:101:A:ILE:HG23	1:115:A:ALA:HB1	19	0.52
(13,1409)	1:101:A:ILE:HG23	1:115:A:ALA:HB2	19	0.52
(13,1409)	1:101:A:ILE:HG23	1:115:A:ALA:HB3	19	0.52
(13,1393)	1:70:A:LYS:HA	1:73:A:ILE:HG21	19	0.52
(13,1393)	1:70:A:LYS:HA	1:73:A:ILE:HG22	19	0.52
(13,1393)	1:70:A:LYS:HA	1:73:A:ILE:HG23	19	0.52
(13,1251)	1:15:A:ALA:HA	1:131:A:LEU:HG	8	0.52
(13,1109)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	16	0.52
(13,1109)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	16	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1109)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	16	0.52
(13,1109)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	16	0.52
(13,1109)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	16	0.52
(13,1109)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	16	0.52
(13,1103)	1:40:A:LEU:HA	1:43:A:MET:HG2	2	0.52
(13,846)	1:60:A:LEU:HB3	1:63:A:ILE:H	2	0.52
(13,703)	1:54:A:ARG:HE	1:58:A:ILE:HD11	4	0.52
(13,703)	1:54:A:ARG:HE	1:58:A:ILE:HD12	4	0.52
(13,703)	1:54:A:ARG:HE	1:58:A:ILE:HD13	4	0.52
(13,683)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	11	0.52
(13,683)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	11	0.52
(13,617)	1:35:A:LEU:H	1:80:A:TYR:HB2	16	0.52
(13,492)	1:105:A:LYS:H	1:105:A:LYS:HD2	4	0.52
(13,492)	1:105:A:LYS:H	1:105:A:LYS:HD3	4	0.52
(11,2395)	1:126:A:GLY:H	1:129:A:LYS:HG2	19	0.52
(11,2395)	1:126:A:GLY:H	1:129:A:LYS:HG3	19	0.52
(11,2245)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	8	0.52
(11,2245)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	8	0.52
(11,2216)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	7	0.52
(11,2216)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	7	0.52
(11,2087)	1:35:A:LEU:HD11	1:38:A:GLU:H	5	0.52
(11,2087)	1:35:A:LEU:HD12	1:38:A:GLU:H	5	0.52
(11,2087)	1:35:A:LEU:HD13	1:38:A:GLU:H	5	0.52
(11,2087)	1:35:A:LEU:HD21	1:38:A:GLU:H	5	0.52
(11,2087)	1:35:A:LEU:HD22	1:38:A:GLU:H	5	0.52
(11,2087)	1:35:A:LEU:HD23	1:38:A:GLU:H	5	0.52
(11,2087)	1:35:A:LEU:HD11	1:38:A:GLU:H	8	0.52
(11,2087)	1:35:A:LEU:HD12	1:38:A:GLU:H	8	0.52
(11,2087)	1:35:A:LEU:HD13	1:38:A:GLU:H	8	0.52
(11,2087)	1:35:A:LEU:HD21	1:38:A:GLU:H	8	0.52
(11,2087)	1:35:A:LEU:HD22	1:38:A:GLU:H	8	0.52
(11,2087)	1:35:A:LEU:HD23	1:38:A:GLU:H	8	0.52
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	7	0.52
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	7	0.52
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	7	0.52
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	7	0.52
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	7	0.52
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	7	0.52
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	7	0.52
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	7	0.52
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	7	0.52
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	7	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	7	0.52
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	7	0.52
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD11	16	0.52
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD12	16	0.52
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD13	16	0.52
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD21	16	0.52
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD22	16	0.52
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD23	16	0.52
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD11	16	0.52
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD12	16	0.52
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD13	16	0.52
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD21	16	0.52
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD22	16	0.52
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD23	16	0.52
(11,1997)	1:12:A:VAL:HG11	1:43:A:MET:HE1	13	0.52
(11,1997)	1:12:A:VAL:HG11	1:43:A:MET:HE2	13	0.52
(11,1997)	1:12:A:VAL:HG11	1:43:A:MET:HE3	13	0.52
(11,1997)	1:12:A:VAL:HG12	1:43:A:MET:HE1	13	0.52
(11,1997)	1:12:A:VAL:HG12	1:43:A:MET:HE2	13	0.52
(11,1997)	1:12:A:VAL:HG12	1:43:A:MET:HE3	13	0.52
(11,1997)	1:12:A:VAL:HG13	1:43:A:MET:HE1	13	0.52
(11,1997)	1:12:A:VAL:HG13	1:43:A:MET:HE2	13	0.52
(11,1997)	1:12:A:VAL:HG13	1:43:A:MET:HE3	13	0.52
(11,1997)	1:12:A:VAL:HG21	1:43:A:MET:HE1	13	0.52
(11,1997)	1:12:A:VAL:HG21	1:43:A:MET:HE2	13	0.52
(11,1997)	1:12:A:VAL:HG21	1:43:A:MET:HE3	13	0.52
(11,1997)	1:12:A:VAL:HG22	1:43:A:MET:HE1	13	0.52
(11,1997)	1:12:A:VAL:HG22	1:43:A:MET:HE2	13	0.52
(11,1997)	1:12:A:VAL:HG22	1:43:A:MET:HE3	13	0.52
(11,1997)	1:12:A:VAL:HG23	1:43:A:MET:HE1	13	0.52
(11,1997)	1:12:A:VAL:HG23	1:43:A:MET:HE2	13	0.52
(11,1997)	1:12:A:VAL:HG23	1:43:A:MET:HE3	13	0.52
(11,1978)	1:11:A:ILE:HG12	1:57:A:LEU:HD11	15	0.52
(11,1978)	1:11:A:ILE:HG12	1:57:A:LEU:HD12	15	0.52
(11,1978)	1:11:A:ILE:HG12	1:57:A:LEU:HD13	15	0.52
(11,1978)	1:11:A:ILE:HG12	1:57:A:LEU:HD21	15	0.52
(11,1978)	1:11:A:ILE:HG12	1:57:A:LEU:HD22	15	0.52
(11,1978)	1:11:A:ILE:HG12	1:57:A:LEU:HD23	15	0.52
(11,1844)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	7	0.52
(11,1844)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	7	0.52
(11,1802)	1:97:A:ASP:HA	1:105:A:LYS:HA	13	0.52
(11,1755)	1:14:A:VAL:H	1:79:A:THR:HG21	18	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1755)	1:14:A:VAL:H	1:79:A:THR:HG22	18	0.52
(11,1755)	1:14:A:VAL:H	1:79:A:THR:HG23	18	0.52
(11,1690)	1:69:A:MET:HA	1:69:A:MET:HE1	5	0.52
(11,1690)	1:69:A:MET:HA	1:69:A:MET:HE2	5	0.52
(11,1690)	1:69:A:MET:HA	1:69:A:MET:HE3	5	0.52
(11,1597)	1:11:A:ILE:HD11	1:18:A:PHE:HD1	16	0.52
(11,1597)	1:11:A:ILE:HD11	1:18:A:PHE:HD2	16	0.52
(11,1597)	1:11:A:ILE:HD12	1:18:A:PHE:HD1	16	0.52
(11,1597)	1:11:A:ILE:HD12	1:18:A:PHE:HD2	16	0.52
(11,1597)	1:11:A:ILE:HD13	1:18:A:PHE:HD1	16	0.52
(11,1597)	1:11:A:ILE:HD13	1:18:A:PHE:HD2	16	0.52
(11,1504)	1:101:A:ILE:HG21	1:103:A:ARG:HA	16	0.52
(11,1504)	1:101:A:ILE:HG22	1:103:A:ARG:HA	16	0.52
(11,1504)	1:101:A:ILE:HG23	1:103:A:ARG:HA	16	0.52
(11,1457)	1:101:A:ILE:HG21	1:115:A:ALA:HB1	19	0.52
(11,1457)	1:101:A:ILE:HG21	1:115:A:ALA:HB2	19	0.52
(11,1457)	1:101:A:ILE:HG21	1:115:A:ALA:HB3	19	0.52
(11,1457)	1:101:A:ILE:HG22	1:115:A:ALA:HB1	19	0.52
(11,1457)	1:101:A:ILE:HG22	1:115:A:ALA:HB2	19	0.52
(11,1457)	1:101:A:ILE:HG22	1:115:A:ALA:HB3	19	0.52
(11,1457)	1:101:A:ILE:HG23	1:115:A:ALA:HB1	19	0.52
(11,1457)	1:101:A:ILE:HG23	1:115:A:ALA:HB2	19	0.52
(11,1457)	1:101:A:ILE:HG23	1:115:A:ALA:HB3	19	0.52
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG21	1	0.52
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG22	1	0.52
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG23	1	0.52
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG21	1	0.52
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG22	1	0.52
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG23	1	0.52
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG21	1	0.52
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG22	1	0.52
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG23	1	0.52
(11,1422)	1:56:A:CYS:HA	1:120:A:CYS:HA	17	0.52
(11,1307)	1:68:A:LYS:HG2	1:70:A:LYS:H	18	0.52
(11,1307)	1:68:A:LYS:HG3	1:70:A:LYS:H	18	0.52
(11,1296)	1:15:A:ALA:HA	1:131:A:LEU:HG	8	0.52
(11,1263)	1:40:A:LEU:HD11	1:44:A:GLU:H	15	0.52
(11,1263)	1:40:A:LEU:HD12	1:44:A:GLU:H	15	0.52
(11,1263)	1:40:A:LEU:HD13	1:44:A:GLU:H	15	0.52
(11,1179)	1:140:A:LEU:HD21	1:144:A:LEU:H	14	0.52
(11,1179)	1:140:A:LEU:HD22	1:144:A:LEU:H	14	0.52
(11,1179)	1:140:A:LEU:HD23	1:144:A:LEU:H	14	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1145)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	16	0.52
(11,1145)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	16	0.52
(11,1145)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	16	0.52
(11,1145)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	16	0.52
(11,1145)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	16	0.52
(11,1145)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	16	0.52
(11,1119)	1:41:A:LYS:HA	1:44:A:GLU:HG2	10	0.52
(11,1098)	1:70:A:LYS:HA	1:70:A:LYS:HE2	18	0.52
(11,1098)	1:70:A:LYS:HA	1:70:A:LYS:HE3	18	0.52
(11,917)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	2	0.52
(11,917)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	2	0.52
(11,917)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	2	0.52
(11,832)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	6	0.52
(11,832)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	6	0.52
(11,832)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	6	0.52
(11,832)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	6	0.52
(11,832)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	6	0.52
(11,832)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	6	0.52
(11,832)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	6	0.52
(11,832)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	6	0.52
(11,832)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	6	0.52
(11,720)	1:54:A:ARG:HE	1:58:A:ILE:HD11	4	0.52
(11,720)	1:54:A:ARG:HE	1:58:A:ILE:HD12	4	0.52
(11,720)	1:54:A:ARG:HE	1:58:A:ILE:HD13	4	0.52
(11,712)	1:45:A:ALA:HB1	1:48:A:ARG:HE	18	0.52
(11,712)	1:45:A:ALA:HB2	1:48:A:ARG:HE	18	0.52
(11,712)	1:45:A:ALA:HB3	1:48:A:ARG:HE	18	0.52
(11,583)	1:128:A:LEU:HD11	1:130:A:GLY:H	15	0.52
(11,583)	1:128:A:LEU:HD12	1:130:A:GLY:H	15	0.52
(11,583)	1:128:A:LEU:HD13	1:130:A:GLY:H	15	0.52
(11,555)	1:73:A:ILE:HD11	1:110:A:MET:H	3	0.52
(11,555)	1:73:A:ILE:HD12	1:110:A:MET:H	3	0.52
(11,555)	1:73:A:ILE:HD13	1:110:A:MET:H	3	0.52
(11,498)	1:105:A:LYS:H	1:105:A:LYS:HD2	8	0.52
(11,498)	1:105:A:LYS:H	1:105:A:LYS:HD3	8	0.52
(11,498)	1:105:A:LYS:H	1:105:A:LYS:HD2	11	0.52
(11,498)	1:105:A:LYS:H	1:105:A:LYS:HD3	11	0.52
(11,400)	1:105:A:LYS:HD2	1:106:A:ASP:H	14	0.52
(11,400)	1:105:A:LYS:HD3	1:106:A:ASP:H	14	0.52
(11,367)	1:70:A:LYS:H	1:70:A:LYS:HE2	3	0.52
(11,367)	1:70:A:LYS:H	1:70:A:LYS:HE3	3	0.52
(11,119)	1:79:A:THR:H	1:80:A:TYR:H	18	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	5	0.52
(11,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	5	0.52
(11,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	10	0.52
(11,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	10	0.52
(9,2341)	1:126:A:GLY:H	1:129:A:LYS:HG2	19	0.52
(9,2341)	1:126:A:GLY:H	1:129:A:LYS:HG3	19	0.52
(9,2200)	1:69:A:MET:HG2	1:109:A:PRO:HA	8	0.52
(9,2200)	1:69:A:MET:HG3	1:109:A:PRO:HA	8	0.52
(9,2162)	1:60:A:LEU:HG	1:61:A:SER:HB2	9	0.52
(9,2162)	1:60:A:LEU:HG	1:61:A:SER:HB3	9	0.52
(9,2162)	1:60:A:LEU:HG	1:61:A:SER:HB2	18	0.52
(9,2162)	1:60:A:LEU:HG	1:61:A:SER:HB3	18	0.52
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD11	1	0.52
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD12	1	0.52
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD13	1	0.52
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD21	1	0.52
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD22	1	0.52
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD23	1	0.52
(9,1884)	1:104:A:PHE:HE1	1:113:A:PHE:HA	6	0.52
(9,1884)	1:104:A:PHE:HE2	1:113:A:PHE:HA	6	0.52
(9,1754)	1:141:A:LYS:HA	1:148:A:CYS:H	12	0.52
(9,1692)	1:43:A:MET:HE1	1:131:A:LEU:HA	17	0.52
(9,1692)	1:43:A:MET:HE2	1:131:A:LEU:HA	17	0.52
(9,1692)	1:43:A:MET:HE3	1:131:A:LEU:HA	17	0.52
(9,1505)	1:43:A:MET:HE1	1:46:A:ASN:HB2	1	0.52
(9,1505)	1:43:A:MET:HE2	1:46:A:ASN:HB2	1	0.52
(9,1505)	1:43:A:MET:HE3	1:46:A:ASN:HB2	1	0.52
(9,1451)	1:13:A:ALA:HB1	1:78:A:HIS:HA	7	0.52
(9,1451)	1:13:A:ALA:HB2	1:78:A:HIS:HA	7	0.52
(9,1451)	1:13:A:ALA:HB3	1:78:A:HIS:HA	7	0.52
(9,1433)	1:101:A:ILE:HG21	1:115:A:ALA:HB1	19	0.52
(9,1433)	1:101:A:ILE:HG21	1:115:A:ALA:HB2	19	0.52
(9,1433)	1:101:A:ILE:HG21	1:115:A:ALA:HB3	19	0.52
(9,1433)	1:101:A:ILE:HG22	1:115:A:ALA:HB1	19	0.52
(9,1433)	1:101:A:ILE:HG22	1:115:A:ALA:HB2	19	0.52
(9,1433)	1:101:A:ILE:HG22	1:115:A:ALA:HB3	19	0.52
(9,1433)	1:101:A:ILE:HG23	1:115:A:ALA:HB1	19	0.52
(9,1433)	1:101:A:ILE:HG23	1:115:A:ALA:HB2	19	0.52
(9,1433)	1:101:A:ILE:HG23	1:115:A:ALA:HB3	19	0.52
(9,1413)	1:70:A:LYS:HA	1:73:A:ILE:HG21	19	0.52
(9,1413)	1:70:A:LYS:HA	1:73:A:ILE:HG22	19	0.52
(9,1413)	1:70:A:LYS:HA	1:73:A:ILE:HG23	19	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1278)	1:15:A:ALA:HA	1:131:A:LEU:HG	8	0.52
(9,1087)	1:70:A:LYS:HA	1:70:A:LYS:HE2	18	0.52
(9,1087)	1:70:A:LYS:HA	1:70:A:LYS:HE3	18	0.52
(9,991)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	6	0.52
(9,991)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	6	0.52
(9,991)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	8	0.52
(9,991)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	8	0.52
(9,914)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	12	0.52
(9,780)	1:11:A:ILE:HD11	1:52:A:CYS:HB2	3	0.52
(9,780)	1:11:A:ILE:HD11	1:52:A:CYS:HB3	3	0.52
(9,780)	1:11:A:ILE:HD12	1:52:A:CYS:HB2	3	0.52
(9,780)	1:11:A:ILE:HD12	1:52:A:CYS:HB3	3	0.52
(9,780)	1:11:A:ILE:HD13	1:52:A:CYS:HB2	3	0.52
(9,780)	1:11:A:ILE:HD13	1:52:A:CYS:HB3	3	0.52
(9,118)	1:79:A:THR:H	1:80:A:TYR:H	18	0.52
(7,2449)	1:140:A:LEU:H	1:140:A:LEU:HD11	4	0.52
(7,2449)	1:140:A:LEU:H	1:140:A:LEU:HD12	4	0.52
(7,2449)	1:140:A:LEU:H	1:140:A:LEU:HD13	4	0.52
(7,2449)	1:140:A:LEU:H	1:140:A:LEU:HD21	4	0.52
(7,2449)	1:140:A:LEU:H	1:140:A:LEU:HD22	4	0.52
(7,2449)	1:140:A:LEU:H	1:140:A:LEU:HD23	4	0.52
(7,2199)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	13	0.52
(7,2199)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	13	0.52
(7,2199)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	13	0.52
(7,2199)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	13	0.52
(7,2199)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	13	0.52
(7,2199)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	13	0.52
(7,2199)	1:63:A:ILE:HG13	1:117:A:VAL:HG11	13	0.52
(7,2199)	1:63:A:ILE:HG13	1:117:A:VAL:HG12	13	0.52
(7,2199)	1:63:A:ILE:HG13	1:117:A:VAL:HG13	13	0.52
(7,2199)	1:63:A:ILE:HG13	1:117:A:VAL:HG21	13	0.52
(7,2199)	1:63:A:ILE:HG13	1:117:A:VAL:HG22	13	0.52
(7,2199)	1:63:A:ILE:HG13	1:117:A:VAL:HG23	13	0.52
(7,2106)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	13	0.52
(7,2106)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	13	0.52
(7,2106)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	13	0.52
(7,2106)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	13	0.52
(7,2106)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	13	0.52
(7,2106)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	13	0.52
(7,2106)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	13	0.52
(7,2106)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	13	0.52
(7,2106)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	13	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2106)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	13	0.52
(7,2106)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	13	0.52
(7,2106)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	13	0.52
(7,2042)	1:35:A:LEU:HD11	1:38:A:GLU:H	5	0.52
(7,2042)	1:35:A:LEU:HD12	1:38:A:GLU:H	5	0.52
(7,2042)	1:35:A:LEU:HD13	1:38:A:GLU:H	5	0.52
(7,2042)	1:35:A:LEU:HD21	1:38:A:GLU:H	5	0.52
(7,2042)	1:35:A:LEU:HD22	1:38:A:GLU:H	5	0.52
(7,2042)	1:35:A:LEU:HD23	1:38:A:GLU:H	5	0.52
(7,2042)	1:35:A:LEU:HD11	1:38:A:GLU:H	8	0.52
(7,2042)	1:35:A:LEU:HD12	1:38:A:GLU:H	8	0.52
(7,2042)	1:35:A:LEU:HD13	1:38:A:GLU:H	8	0.52
(7,2042)	1:35:A:LEU:HD21	1:38:A:GLU:H	8	0.52
(7,2042)	1:35:A:LEU:HD22	1:38:A:GLU:H	8	0.52
(7,2042)	1:35:A:LEU:HD23	1:38:A:GLU:H	8	0.52
(7,1943)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	1	0.52
(7,1943)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	1	0.52
(7,1943)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	1	0.52
(7,1943)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	1	0.52
(7,1943)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	1	0.52
(7,1943)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	1	0.52
(7,1782)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	7	0.52
(7,1782)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	7	0.52
(7,1729)	1:97:A:ASP:HA	1:105:A:LYS:HA	13	0.52
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG21	7	0.52
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG22	7	0.52
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG23	7	0.52
(7,1564)	1:63:A:ILE:HG21	1:113:A:PHE:HA	17	0.52
(7,1564)	1:63:A:ILE:HG22	1:113:A:PHE:HA	17	0.52
(7,1564)	1:63:A:ILE:HG23	1:113:A:PHE:HA	17	0.52
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD11	2	0.52
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD12	2	0.52
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD13	2	0.52
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	12	0.52
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	12	0.52
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	12	0.52
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	14	0.52
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	14	0.52
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	14	0.52
(7,1419)	1:101:A:ILE:HG21	1:115:A:ALA:HB1	19	0.52
(7,1419)	1:101:A:ILE:HG21	1:115:A:ALA:HB2	19	0.52
(7,1419)	1:101:A:ILE:HG21	1:115:A:ALA:HB3	19	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1419)	1:101:A:ILE:HG22	1:115:A:ALA:HB1	19	0.52
(7,1419)	1:101:A:ILE:HG22	1:115:A:ALA:HB2	19	0.52
(7,1419)	1:101:A:ILE:HG22	1:115:A:ALA:HB3	19	0.52
(7,1419)	1:101:A:ILE:HG23	1:115:A:ALA:HB1	19	0.52
(7,1419)	1:101:A:ILE:HG23	1:115:A:ALA:HB2	19	0.52
(7,1419)	1:101:A:ILE:HG23	1:115:A:ALA:HB3	19	0.52
(7,1402)	1:70:A:LYS:HA	1:73:A:ILE:HG21	19	0.52
(7,1402)	1:70:A:LYS:HA	1:73:A:ILE:HG22	19	0.52
(7,1402)	1:70:A:LYS:HA	1:73:A:ILE:HG23	19	0.52
(7,1070)	1:70:A:LYS:HA	1:70:A:LYS:HE2	18	0.52
(7,1070)	1:70:A:LYS:HA	1:70:A:LYS:HE3	18	0.52
(7,977)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	6	0.52
(7,977)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	6	0.52
(7,977)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	8	0.52
(7,977)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	8	0.52
(7,835)	1:43:A:MET:HE1	1:131:A:LEU:HB3	14	0.52
(7,835)	1:43:A:MET:HE2	1:131:A:LEU:HB3	14	0.52
(7,835)	1:43:A:MET:HE3	1:131:A:LEU:HB3	14	0.52
(7,819)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	6	0.52
(7,819)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	6	0.52
(7,819)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	6	0.52
(7,819)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	6	0.52
(7,819)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	6	0.52
(7,819)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	6	0.52
(7,775)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	7	0.52
(7,775)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	7	0.52
(7,775)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	7	0.52
(7,713)	1:54:A:ARG:HE	1:58:A:ILE:HD11	4	0.52
(7,713)	1:54:A:ARG:HE	1:58:A:ILE:HD12	4	0.52
(7,713)	1:54:A:ARG:HE	1:58:A:ILE:HD13	4	0.52
(7,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	5	0.52
(7,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	5	0.52
(7,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	10	0.52
(7,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	10	0.52
(6,2430)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	3	0.52
(6,2430)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	3	0.52
(6,2430)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	3	0.52
(6,2430)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	3	0.52
(6,2430)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	3	0.52
(6,2430)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	3	0.52
(6,2430)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	3	0.52
(6,2430)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	3	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2430)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	3	0.52
(6,2430)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	3	0.52
(6,2430)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	3	0.52
(6,2430)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	3	0.52
(6,2401)	1:126:A:GLY:H	1:129:A:LYS:HG2	19	0.52
(6,2401)	1:126:A:GLY:H	1:129:A:LYS:HG3	19	0.52
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG11	3	0.52
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG12	3	0.52
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG13	3	0.52
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG21	3	0.52
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG22	3	0.52
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG23	3	0.52
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG11	17	0.52
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG12	17	0.52
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG13	17	0.52
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG21	17	0.52
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG22	17	0.52
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG23	17	0.52
(6,2330)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	1	0.52
(6,2330)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	1	0.52
(6,2330)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	1	0.52
(6,2330)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	1	0.52
(6,2330)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	1	0.52
(6,2330)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	1	0.52
(6,2330)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	1	0.52
(6,2330)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	1	0.52
(6,2330)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	1	0.52
(6,2330)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	1	0.52
(6,2330)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	1	0.52
(6,2330)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	1	0.52
(6,2249)	1:69:A:MET:HG2	1:109:A:PRO:HA	19	0.52
(6,2249)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.52
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD11	1	0.52
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD12	1	0.52
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD13	1	0.52
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD21	1	0.52
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD22	1	0.52
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD23	1	0.52
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG11	2	0.52
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG12	2	0.52
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG13	2	0.52
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG21	2	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG22	2	0.52
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG23	2	0.52
(6,1823)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	8	0.52
(6,1823)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	8	0.52
(6,1543)	1:46:A:ASN:HB2	1:134:A:VAL:H	1	0.52
(6,1465)	1:67:A:PRO:HD3	1:95:A:ILE:HA	11	0.52
(6,1434)	1:101:A:ILE:HG21	1:115:A:ALA:HB1	19	0.52
(6,1434)	1:101:A:ILE:HG21	1:115:A:ALA:HB2	19	0.52
(6,1434)	1:101:A:ILE:HG21	1:115:A:ALA:HB3	19	0.52
(6,1434)	1:101:A:ILE:HG22	1:115:A:ALA:HB1	19	0.52
(6,1434)	1:101:A:ILE:HG22	1:115:A:ALA:HB2	19	0.52
(6,1434)	1:101:A:ILE:HG22	1:115:A:ALA:HB3	19	0.52
(6,1434)	1:101:A:ILE:HG23	1:115:A:ALA:HB1	19	0.52
(6,1434)	1:101:A:ILE:HG23	1:115:A:ALA:HB2	19	0.52
(6,1434)	1:101:A:ILE:HG23	1:115:A:ALA:HB3	19	0.52
(6,1414)	1:70:A:LYS:HA	1:73:A:ILE:HG21	19	0.52
(6,1414)	1:70:A:LYS:HA	1:73:A:ILE:HG22	19	0.52
(6,1414)	1:70:A:LYS:HA	1:73:A:ILE:HG23	19	0.52
(6,1268)	1:15:A:ALA:HA	1:131:A:LEU:HG	8	0.52
(6,1121)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	16	0.52
(6,1121)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	16	0.52
(6,1121)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	16	0.52
(6,1121)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	16	0.52
(6,1121)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	16	0.52
(6,1121)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	16	0.52
(6,1073)	1:70:A:LYS:HA	1:70:A:LYS:HE2	18	0.52
(6,1073)	1:70:A:LYS:HA	1:70:A:LYS:HE3	18	0.52
(6,977)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	6	0.52
(6,977)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	6	0.52
(6,977)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	8	0.52
(6,977)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	8	0.52
(6,60)	1:34:A:LYS:H	1:81:A:GLU:H	5	0.52
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD11	3	0.52
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD12	3	0.52
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD13	3	0.52
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD21	3	0.52
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD22	3	0.52
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD23	3	0.52
(5,2392)	1:126:A:GLY:H	1:129:A:LYS:HG2	19	0.52
(5,2392)	1:126:A:GLY:H	1:129:A:LYS:HG3	19	0.52
(5,2234)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	8	0.52
(5,2234)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	8	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2126)	1:40:A:LEU:HD11	1:44:A:GLU:H	13	0.52
(5,2126)	1:40:A:LEU:HD12	1:44:A:GLU:H	13	0.52
(5,2126)	1:40:A:LEU:HD13	1:44:A:GLU:H	13	0.52
(5,2126)	1:40:A:LEU:HD21	1:44:A:GLU:H	13	0.52
(5,2126)	1:40:A:LEU:HD22	1:44:A:GLU:H	13	0.52
(5,2126)	1:40:A:LEU:HD23	1:44:A:GLU:H	13	0.52
(5,2109)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	14	0.52
(5,2109)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	14	0.52
(5,2109)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	14	0.52
(5,2109)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	14	0.52
(5,2109)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	14	0.52
(5,2109)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	14	0.52
(5,2059)	1:35:A:LEU:HD11	1:38:A:GLU:H	5	0.52
(5,2059)	1:35:A:LEU:HD12	1:38:A:GLU:H	5	0.52
(5,2059)	1:35:A:LEU:HD13	1:38:A:GLU:H	5	0.52
(5,2059)	1:35:A:LEU:HD21	1:38:A:GLU:H	5	0.52
(5,2059)	1:35:A:LEU:HD22	1:38:A:GLU:H	5	0.52
(5,2059)	1:35:A:LEU:HD23	1:38:A:GLU:H	5	0.52
(5,2059)	1:35:A:LEU:HD11	1:38:A:GLU:H	8	0.52
(5,2059)	1:35:A:LEU:HD12	1:38:A:GLU:H	8	0.52
(5,2059)	1:35:A:LEU:HD13	1:38:A:GLU:H	8	0.52
(5,2059)	1:35:A:LEU:HD21	1:38:A:GLU:H	8	0.52
(5,2059)	1:35:A:LEU:HD22	1:38:A:GLU:H	8	0.52
(5,2059)	1:35:A:LEU:HD23	1:38:A:GLU:H	8	0.52
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	11	0.52
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	11	0.52
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	11	0.52
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	11	0.52
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	11	0.52
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	11	0.52
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	11	0.52
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	11	0.52
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	11	0.52
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	11	0.52
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	11	0.52
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	11	0.52
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD11	7	0.52
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD12	7	0.52
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD13	7	0.52
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD21	7	0.52
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD22	7	0.52
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD23	7	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1926)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	5	0.52
(5,1926)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	5	0.52
(5,1926)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	5	0.52
(5,1926)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	5	0.52
(5,1926)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	5	0.52
(5,1926)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	5	0.52
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG21	1	0.52
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG22	1	0.52
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG23	1	0.52
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG21	1	0.52
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG22	1	0.52
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG23	1	0.52
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG21	1	0.52
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG22	1	0.52
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG23	1	0.52
(5,1749)	1:21:A:THR:HG21	1:24:A:ASP:HB2	1	0.52
(5,1749)	1:21:A:THR:HG21	1:24:A:ASP:HB3	1	0.52
(5,1749)	1:21:A:THR:HG22	1:24:A:ASP:HB2	1	0.52
(5,1749)	1:21:A:THR:HG22	1:24:A:ASP:HB3	1	0.52
(5,1749)	1:21:A:THR:HG23	1:24:A:ASP:HB2	1	0.52
(5,1749)	1:21:A:THR:HG23	1:24:A:ASP:HB3	1	0.52
(5,1748)	1:150:A:THR:HG21	1:151:A:PHE:HA	18	0.52
(5,1748)	1:150:A:THR:HG22	1:151:A:PHE:HA	18	0.52
(5,1748)	1:150:A:THR:HG23	1:151:A:PHE:HA	18	0.52
(5,1727)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	3	0.52
(5,1727)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	3	0.52
(5,1727)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	3	0.52
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB2	9	0.52
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB3	9	0.52
(5,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	17	0.52
(5,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	17	0.52
(5,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	17	0.52
(5,1562)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	16	0.52
(5,1562)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	16	0.52
(5,1562)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	16	0.52
(5,1562)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	16	0.52
(5,1562)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	16	0.52
(5,1562)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	16	0.52
(5,1456)	1:101:A:ILE:HG21	1:115:A:ALA:HB1	19	0.52
(5,1456)	1:101:A:ILE:HG21	1:115:A:ALA:HB2	19	0.52
(5,1456)	1:101:A:ILE:HG21	1:115:A:ALA:HB3	19	0.52
(5,1456)	1:101:A:ILE:HG22	1:115:A:ALA:HB1	19	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1456)	1:101:A:ILE:HG22	1:115:A:ALA:HB2	19	0.52
(5,1456)	1:101:A:ILE:HG22	1:115:A:ALA:HB3	19	0.52
(5,1456)	1:101:A:ILE:HG23	1:115:A:ALA:HB1	19	0.52
(5,1456)	1:101:A:ILE:HG23	1:115:A:ALA:HB2	19	0.52
(5,1456)	1:101:A:ILE:HG23	1:115:A:ALA:HB3	19	0.52
(5,1437)	1:70:A:LYS:HA	1:73:A:ILE:HG21	19	0.52
(5,1437)	1:70:A:LYS:HA	1:73:A:ILE:HG22	19	0.52
(5,1437)	1:70:A:LYS:HA	1:73:A:ILE:HG23	19	0.52
(5,1419)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	12	0.52
(5,1419)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	12	0.52
(5,1419)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	12	0.52
(5,1178)	1:140:A:LEU:HD21	1:144:A:LEU:H	14	0.52
(5,1178)	1:140:A:LEU:HD22	1:144:A:LEU:H	14	0.52
(5,1178)	1:140:A:LEU:HD23	1:144:A:LEU:H	14	0.52
(5,1031)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	12	0.52
(5,993)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	6	0.52
(5,993)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	6	0.52
(5,993)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	8	0.52
(5,993)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	8	0.52
(5,890)	1:73:A:ILE:HB	1:76:A:ARG:HA	5	0.52
(5,859)	1:39:A:VAL:H	1:139:A:LEU:HB2	13	0.52
(5,859)	1:39:A:VAL:H	1:139:A:LEU:HB3	13	0.52
(5,829)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	6	0.52
(5,829)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	6	0.52
(5,829)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	6	0.52
(5,829)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	6	0.52
(5,829)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	6	0.52
(5,829)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	6	0.52
(5,718)	1:54:A:ARG:HE	1:58:A:ILE:HD11	4	0.52
(5,718)	1:54:A:ARG:HE	1:58:A:ILE:HD12	4	0.52
(5,718)	1:54:A:ARG:HE	1:58:A:ILE:HD13	4	0.52
(5,585)	1:70:A:LYS:HB2	1:75:A:GLY:H	6	0.52
(5,585)	1:70:A:LYS:HB3	1:75:A:GLY:H	6	0.52
(5,487)	1:105:A:LYS:H	1:105:A:LYS:HD2	18	0.52
(5,487)	1:105:A:LYS:H	1:105:A:LYS:HD3	18	0.52
(5,478)	1:98:A:ILE:H	1:105:A:LYS:H	16	0.52
(5,7)	1:64:A:LYS:H	1:116:A:GLN:HE22	14	0.52
(4,2431)	1:136:A:CYS:HB2	1:141:A:LYS:H	2	0.52
(4,2431)	1:136:A:CYS:HB3	1:141:A:LYS:H	2	0.52
(4,2335)	1:107:A:LEU:HD11	1:115:A:ALA:H	1	0.52
(4,2335)	1:107:A:LEU:HD12	1:115:A:ALA:H	1	0.52
(4,2335)	1:107:A:LEU:HD13	1:115:A:ALA:H	1	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2335)	1:107:A:LEU:HD21	1:115:A:ALA:H	1	0.52
(4,2335)	1:107:A:LEU:HD22	1:115:A:ALA:H	1	0.52
(4,2335)	1:107:A:LEU:HD23	1:115:A:ALA:H	1	0.52
(4,2237)	1:69:A:MET:HG2	1:109:A:PRO:HA	8	0.52
(4,2237)	1:69:A:MET:HG3	1:109:A:PRO:HA	8	0.52
(4,2189)	1:57:A:LEU:HD11	1:60:A:LEU:H	7	0.52
(4,2189)	1:57:A:LEU:HD12	1:60:A:LEU:H	7	0.52
(4,2189)	1:57:A:LEU:HD13	1:60:A:LEU:H	7	0.52
(4,2189)	1:57:A:LEU:HD21	1:60:A:LEU:H	7	0.52
(4,2189)	1:57:A:LEU:HD22	1:60:A:LEU:H	7	0.52
(4,2189)	1:57:A:LEU:HD23	1:60:A:LEU:H	7	0.52
(4,2189)	1:57:A:LEU:HD11	1:60:A:LEU:H	8	0.52
(4,2189)	1:57:A:LEU:HD12	1:60:A:LEU:H	8	0.52
(4,2189)	1:57:A:LEU:HD13	1:60:A:LEU:H	8	0.52
(4,2189)	1:57:A:LEU:HD21	1:60:A:LEU:H	8	0.52
(4,2189)	1:57:A:LEU:HD22	1:60:A:LEU:H	8	0.52
(4,2189)	1:57:A:LEU:HD23	1:60:A:LEU:H	8	0.52
(4,2112)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	14	0.52
(4,2112)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	14	0.52
(4,2112)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	14	0.52
(4,2112)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	14	0.52
(4,2112)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	14	0.52
(4,2112)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	14	0.52
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	4	0.52
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	4	0.52
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	4	0.52
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	4	0.52
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	4	0.52
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	4	0.52
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	4	0.52
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	4	0.52
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	4	0.52
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	4	0.52
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	4	0.52
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	4	0.52
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	4	0.52
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	4	0.52
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	4	0.52
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	4	0.52
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	4	0.52
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	4	0.52
(4,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	5	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	5	0.52
(4,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	5	0.52
(4,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	5	0.52
(4,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	5	0.52
(4,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	5	0.52
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG11	2	0.52
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG12	2	0.52
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG13	2	0.52
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG21	2	0.52
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG22	2	0.52
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG23	2	0.52
(4,1957)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	19	0.52
(4,1957)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	19	0.52
(4,1957)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	19	0.52
(4,1957)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	19	0.52
(4,1957)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	19	0.52
(4,1957)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	19	0.52
(4,1957)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	19	0.52
(4,1957)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	19	0.52
(4,1957)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	19	0.52
(4,1957)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	19	0.52
(4,1957)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	19	0.52
(4,1957)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	19	0.52
(4,1957)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	19	0.52
(4,1957)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	19	0.52
(4,1957)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	19	0.52
(4,1957)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	19	0.52
(4,1957)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	19	0.52
(4,1957)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	19	0.52
(4,1725)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	3	0.52
(4,1725)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	3	0.52
(4,1725)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	3	0.52
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE1	17	0.52
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE2	17	0.52
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE3	17	0.52
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	7	0.52
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	7	0.52
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	7	0.52
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	7	0.52
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	7	0.52
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	7	0.52
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	17	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	17	0.52
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	17	0.52
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	17	0.52
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	17	0.52
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	17	0.52
(4,1420)	1:101:A:ILE:HG21	1:115:A:ALA:HB1	19	0.52
(4,1420)	1:101:A:ILE:HG21	1:115:A:ALA:HB2	19	0.52
(4,1420)	1:101:A:ILE:HG21	1:115:A:ALA:HB3	19	0.52
(4,1420)	1:101:A:ILE:HG22	1:115:A:ALA:HB1	19	0.52
(4,1420)	1:101:A:ILE:HG22	1:115:A:ALA:HB2	19	0.52
(4,1420)	1:101:A:ILE:HG22	1:115:A:ALA:HB3	19	0.52
(4,1420)	1:101:A:ILE:HG23	1:115:A:ALA:HB1	19	0.52
(4,1420)	1:101:A:ILE:HG23	1:115:A:ALA:HB2	19	0.52
(4,1420)	1:101:A:ILE:HG23	1:115:A:ALA:HB3	19	0.52
(4,1236)	1:23:A:LEU:HD11	1:25:A:ALA:H	2	0.52
(4,1236)	1:23:A:LEU:HD12	1:25:A:ALA:H	2	0.52
(4,1236)	1:23:A:LEU:HD13	1:25:A:ALA:H	2	0.52
(4,1151)	1:136:A:CYS:HA	1:140:A:LEU:HD21	11	0.52
(4,1151)	1:136:A:CYS:HA	1:140:A:LEU:HD22	11	0.52
(4,1151)	1:136:A:CYS:HA	1:140:A:LEU:HD23	11	0.52
(4,924)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	6	0.52
(4,924)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	6	0.52
(4,924)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	6	0.52
(4,924)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	6	0.52
(4,836)	1:48:A:ARG:H	1:48:A:ARG:HD2	11	0.52
(4,836)	1:48:A:ARG:H	1:48:A:ARG:HD3	11	0.52
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB2	18	0.52
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB3	18	0.52
(4,352)	1:70:A:LYS:H	1:70:A:LYS:HE2	3	0.52
(4,352)	1:70:A:LYS:H	1:70:A:LYS:HE3	3	0.52
(4,252)	1:27:A:ARG:HA	1:29:A:LYS:H	16	0.52
(4,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	5	0.52
(4,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	5	0.52
(4,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	10	0.52
(4,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	10	0.52
(3,1928)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	12	0.52
(3,1928)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	12	0.52
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD1	2	0.52
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD2	2	0.52
(3,1460)	1:101:A:ILE:HG21	1:115:A:ALA:HB1	19	0.52
(3,1460)	1:101:A:ILE:HG21	1:115:A:ALA:HB2	19	0.52
(3,1460)	1:101:A:ILE:HG21	1:115:A:ALA:HB3	19	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1460)	1:101:A:ILE:HG22	1:115:A:ALA:HB1	19	0.52
(3,1460)	1:101:A:ILE:HG22	1:115:A:ALA:HB2	19	0.52
(3,1460)	1:101:A:ILE:HG22	1:115:A:ALA:HB3	19	0.52
(3,1460)	1:101:A:ILE:HG23	1:115:A:ALA:HB1	19	0.52
(3,1460)	1:101:A:ILE:HG23	1:115:A:ALA:HB2	19	0.52
(3,1460)	1:101:A:ILE:HG23	1:115:A:ALA:HB3	19	0.52
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG21	4	0.52
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG22	4	0.52
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG23	4	0.52
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG21	14	0.52
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG22	14	0.52
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG23	14	0.52
(3,1269)	1:40:A:LEU:HD21	1:44:A:GLU:H	11	0.52
(3,1269)	1:40:A:LEU:HD22	1:44:A:GLU:H	11	0.52
(3,1269)	1:40:A:LEU:HD23	1:44:A:GLU:H	11	0.52
(3,1188)	1:140:A:LEU:HD21	1:144:A:LEU:H	14	0.52
(3,1188)	1:140:A:LEU:HD22	1:144:A:LEU:H	14	0.52
(3,1188)	1:140:A:LEU:HD23	1:144:A:LEU:H	14	0.52
(3,1151)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	10	0.52
(3,1151)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	10	0.52
(3,1151)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	10	0.52
(3,1107)	1:70:A:LYS:HA	1:70:A:LYS:HE2	18	0.52
(3,1107)	1:70:A:LYS:HA	1:70:A:LYS:HE3	18	0.52
(3,1032)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	3	0.52
(3,937)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	17	0.52
(3,937)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	17	0.52
(3,937)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	17	0.52
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	18	0.52
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	18	0.52
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	18	0.52
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	18	0.52
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	18	0.52
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	18	0.52
(3,727)	1:54:A:ARG:HE	1:58:A:ILE:HD11	4	0.52
(3,727)	1:54:A:ARG:HE	1:58:A:ILE:HD12	4	0.52
(3,727)	1:54:A:ARG:HE	1:58:A:ILE:HD13	4	0.52
(3,713)	1:27:A:ARG:HB3	1:27:A:ARG:HE	12	0.52
(3,713)	1:27:A:ARG:HB2	1:27:A:ARG:HE	12	0.52
(3,692)	1:145:A:PRO:HB3	1:148:A:CYS:H	18	0.52
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB2	18	0.52
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB3	18	0.52
(3,555)	1:73:A:ILE:HD11	1:110:A:MET:H	3	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,555)	1:73:A:ILE:HD12	1:110:A:MET:H	3	0.52
(3,555)	1:73:A:ILE:HD13	1:110:A:MET:H	3	0.52
(3,264)	1:39:A:VAL:H	1:40:A:LEU:HB2	4	0.52
(3,118)	1:79:A:THR:H	1:80:A:TYR:H	18	0.52
(3,111)	1:21:A:THR:HB	1:22:A:ASP:H	7	0.52
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD11	10	0.52
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD12	10	0.52
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD13	10	0.52
(3,9)	1:64:A:LYS:H	1:116:A:GLN:HE22	14	0.52
(3,5)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	5	0.52
(3,5)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	5	0.52
(3,5)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	10	0.52
(3,5)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	10	0.52
(2,2262)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	8	0.52
(2,2262)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	8	0.52
(2,2227)	1:60:A:LEU:HG	1:61:A:SER:HB2	9	0.52
(2,2227)	1:60:A:LEU:HG	1:61:A:SER:HB3	9	0.52
(2,2227)	1:60:A:LEU:HG	1:61:A:SER:HB2	18	0.52
(2,2227)	1:60:A:LEU:HG	1:61:A:SER:HB3	18	0.52
(2,2144)	1:40:A:LEU:HD11	1:44:A:GLU:H	13	0.52
(2,2144)	1:40:A:LEU:HD12	1:44:A:GLU:H	13	0.52
(2,2144)	1:40:A:LEU:HD13	1:44:A:GLU:H	13	0.52
(2,2144)	1:40:A:LEU:HD21	1:44:A:GLU:H	13	0.52
(2,2144)	1:40:A:LEU:HD22	1:44:A:GLU:H	13	0.52
(2,2144)	1:40:A:LEU:HD23	1:44:A:GLU:H	13	0.52
(2,1927)	1:151:A:PHE:H	1:151:A:PHE:HD1	8	0.52
(2,1927)	1:151:A:PHE:H	1:151:A:PHE:HD2	8	0.52
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB2	9	0.52
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB3	9	0.52
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG21	2	0.52
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG22	2	0.52
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG23	2	0.52
(2,1580)	1:11:A:ILE:HD11	1:14:A:VAL:H	17	0.52
(2,1580)	1:11:A:ILE:HD12	1:14:A:VAL:H	17	0.52
(2,1580)	1:11:A:ILE:HD13	1:14:A:VAL:H	17	0.52
(2,1567)	1:60:A:LEU:HA	1:117:A:VAL:HG21	15	0.52
(2,1567)	1:60:A:LEU:HA	1:117:A:VAL:HG22	15	0.52
(2,1567)	1:60:A:LEU:HA	1:117:A:VAL:HG23	15	0.52
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE1	12	0.52
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE2	12	0.52
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE3	12	0.52
(2,1444)	1:101:A:ILE:HG21	1:115:A:ALA:HB1	19	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1444)	1:101:A:ILE:HG21	1:115:A:ALA:HB2	19	0.52
(2,1444)	1:101:A:ILE:HG21	1:115:A:ALA:HB3	19	0.52
(2,1444)	1:101:A:ILE:HG22	1:115:A:ALA:HB1	19	0.52
(2,1444)	1:101:A:ILE:HG22	1:115:A:ALA:HB2	19	0.52
(2,1444)	1:101:A:ILE:HG22	1:115:A:ALA:HB3	19	0.52
(2,1444)	1:101:A:ILE:HG23	1:115:A:ALA:HB1	19	0.52
(2,1444)	1:101:A:ILE:HG23	1:115:A:ALA:HB2	19	0.52
(2,1444)	1:101:A:ILE:HG23	1:115:A:ALA:HB3	19	0.52
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG21	1	0.52
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG22	1	0.52
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG23	1	0.52
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG21	1	0.52
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG22	1	0.52
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG23	1	0.52
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG21	1	0.52
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG22	1	0.52
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG23	1	0.52
(2,1424)	1:70:A:LYS:HA	1:73:A:ILE:HG21	19	0.52
(2,1424)	1:70:A:LYS:HA	1:73:A:ILE:HG22	19	0.52
(2,1424)	1:70:A:LYS:HA	1:73:A:ILE:HG23	19	0.52
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG21	19	0.52
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG22	19	0.52
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG23	19	0.52
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG11	19	0.52
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG12	19	0.52
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG13	19	0.52
(2,1256)	1:23:A:LEU:HD11	1:25:A:ALA:H	2	0.52
(2,1256)	1:23:A:LEU:HD12	1:25:A:ALA:H	2	0.52
(2,1256)	1:23:A:LEU:HD13	1:25:A:ALA:H	2	0.52
(2,1255)	1:23:A:LEU:HA	1:23:A:LEU:HD11	14	0.52
(2,1255)	1:23:A:LEU:HA	1:23:A:LEU:HD12	14	0.52
(2,1255)	1:23:A:LEU:HA	1:23:A:LEU:HD13	14	0.52
(2,1163)	1:136:A:CYS:HA	1:140:A:LEU:HD21	11	0.52
(2,1163)	1:136:A:CYS:HA	1:140:A:LEU:HD22	11	0.52
(2,1163)	1:136:A:CYS:HA	1:140:A:LEU:HD23	11	0.52
(2,1161)	1:140:A:LEU:HD21	1:144:A:LEU:H	14	0.52
(2,1161)	1:140:A:LEU:HD22	1:144:A:LEU:H	14	0.52
(2,1161)	1:140:A:LEU:HD23	1:144:A:LEU:H	14	0.52
(2,834)	1:103:A:ARG:HA	1:103:A:ARG:HD2	18	0.52
(2,834)	1:103:A:ARG:HA	1:103:A:ARG:HD3	18	0.52
(2,704)	1:27:A:ARG:HB3	1:27:A:ARG:HE	12	0.52
(2,704)	1:27:A:ARG:HB2	1:27:A:ARG:HE	12	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,696)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	11	0.52
(2,696)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	11	0.52
(2,588)	1:70:A:LYS:HB2	1:75:A:GLY:H	6	0.52
(2,588)	1:70:A:LYS:HB3	1:75:A:GLY:H	6	0.52
(2,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	5	0.52
(2,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	5	0.52
(2,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	10	0.52
(2,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	10	0.52
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD11	13	0.52
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD12	13	0.52
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD13	13	0.52
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD21	13	0.52
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD22	13	0.52
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD23	13	0.52
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD11	17	0.52
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD12	17	0.52
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD13	17	0.52
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD21	17	0.52
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD22	17	0.52
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD23	17	0.52
(1,2000)	1:17:A:ASN:HD21	1:113:A:PHE:HE1	11	0.52
(1,2000)	1:17:A:ASN:HD21	1:113:A:PHE:HE2	11	0.52
(1,2000)	1:17:A:ASN:HD22	1:113:A:PHE:HE1	11	0.52
(1,2000)	1:17:A:ASN:HD22	1:113:A:PHE:HE2	11	0.52
(1,1993)	1:16:A:SER:HB2	1:43:A:MET:HE1	8	0.52
(1,1993)	1:16:A:SER:HB2	1:43:A:MET:HE2	8	0.52
(1,1993)	1:16:A:SER:HB2	1:43:A:MET:HE3	8	0.52
(1,1993)	1:16:A:SER:HB3	1:43:A:MET:HE1	8	0.52
(1,1993)	1:16:A:SER:HB3	1:43:A:MET:HE2	8	0.52
(1,1993)	1:16:A:SER:HB3	1:43:A:MET:HE3	8	0.52
(1,1926)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	5	0.52
(1,1926)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	5	0.52
(1,1830)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	14	0.52
(1,1830)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	14	0.52
(1,1829)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	17	0.52
(1,1829)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	17	0.52
(1,1829)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	17	0.52
(1,1829)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	17	0.52
(1,1829)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	17	0.52
(1,1829)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	17	0.52
(1,1779)	1:97:A:ASP:HA	1:105:A:LYS:HA	13	0.52
(1,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	17	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	17	0.52
(1,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	17	0.52
(1,1598)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	9	0.52
(1,1598)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	9	0.52
(1,1598)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	9	0.52
(1,1591)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	1	0.52
(1,1591)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	1	0.52
(1,1591)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	1	0.52
(1,1591)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	12	0.52
(1,1591)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	12	0.52
(1,1591)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	12	0.52
(1,1563)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	16	0.52
(1,1563)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	16	0.52
(1,1563)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	16	0.52
(1,1563)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	16	0.52
(1,1563)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	16	0.52
(1,1563)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	16	0.52
(1,1445)	1:101:A:ILE:HG21	1:115:A:ALA:HB1	19	0.52
(1,1445)	1:101:A:ILE:HG21	1:115:A:ALA:HB2	19	0.52
(1,1445)	1:101:A:ILE:HG21	1:115:A:ALA:HB3	19	0.52
(1,1445)	1:101:A:ILE:HG22	1:115:A:ALA:HB1	19	0.52
(1,1445)	1:101:A:ILE:HG22	1:115:A:ALA:HB2	19	0.52
(1,1445)	1:101:A:ILE:HG22	1:115:A:ALA:HB3	19	0.52
(1,1445)	1:101:A:ILE:HG23	1:115:A:ALA:HB1	19	0.52
(1,1445)	1:101:A:ILE:HG23	1:115:A:ALA:HB2	19	0.52
(1,1445)	1:101:A:ILE:HG23	1:115:A:ALA:HB3	19	0.52
(1,1239)	1:39:A:VAL:H	1:139:A:LEU:HD21	3	0.52
(1,1239)	1:39:A:VAL:H	1:139:A:LEU:HD22	3	0.52
(1,1239)	1:39:A:VAL:H	1:139:A:LEU:HD23	3	0.52
(1,1210)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	11	0.52
(1,1210)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	11	0.52
(1,1210)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	11	0.52
(1,1210)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	11	0.52
(1,1210)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	11	0.52
(1,1210)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	11	0.52
(1,941)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	17	0.52
(1,941)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	17	0.52
(1,941)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	17	0.52
(1,905)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	8	0.52
(1,905)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	8	0.52
(1,905)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	8	0.52
(1,852)	1:45:A:ALA:HA	1:48:A:ARG:HD2	12	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,852)	1:45:A:ALA:HA	1:48:A:ARG:HD3	12	0.52
(1,725)	1:54:A:ARG:HE	1:58:A:ILE:HD11	4	0.52
(1,725)	1:54:A:ARG:HE	1:58:A:ILE:HD12	4	0.52
(1,725)	1:54:A:ARG:HE	1:58:A:ILE:HD13	4	0.52
(1,705)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	11	0.52
(1,705)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	11	0.52
(1,554)	1:73:A:ILE:HD11	1:110:A:MET:H	3	0.52
(1,554)	1:73:A:ILE:HD12	1:110:A:MET:H	3	0.52
(1,554)	1:73:A:ILE:HD13	1:110:A:MET:H	3	0.52
(1,244)	1:40:A:LEU:HD21	1:44:A:GLU:H	11	0.52
(1,244)	1:40:A:LEU:HD22	1:44:A:GLU:H	11	0.52
(1,244)	1:40:A:LEU:HD23	1:44:A:GLU:H	11	0.52
(1,127)	1:79:A:THR:H	1:80:A:TYR:H	2	0.52
(1,127)	1:79:A:THR:H	1:80:A:TYR:H	11	0.52
(1,9)	1:64:A:LYS:H	1:116:A:GLN:HE22	14	0.52
(1,5)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	5	0.52
(1,5)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	5	0.52
(1,5)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	10	0.52
(1,5)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	10	0.52
(34,2408)	1:125:A:THR:HB	1:128:A:LEU:HD11	5	0.51
(34,2408)	1:125:A:THR:HB	1:128:A:LEU:HD12	5	0.51
(34,2408)	1:125:A:THR:HB	1:128:A:LEU:HD13	5	0.51
(34,2408)	1:125:A:THR:HB	1:128:A:LEU:HD21	5	0.51
(34,2408)	1:125:A:THR:HB	1:128:A:LEU:HD22	5	0.51
(34,2408)	1:125:A:THR:HB	1:128:A:LEU:HD23	5	0.51
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG11	3	0.51
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG12	3	0.51
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG13	3	0.51
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG21	3	0.51
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG22	3	0.51
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG23	3	0.51
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG11	17	0.51
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG12	17	0.51
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG13	17	0.51
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG21	17	0.51
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG22	17	0.51
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG23	17	0.51
(34,2241)	1:69:A:MET:HG2	1:109:A:PRO:HA	17	0.51
(34,2241)	1:69:A:MET:HG3	1:109:A:PRO:HA	17	0.51
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD11	3	0.51
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD12	3	0.51
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD13	3	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD21	3	0.51
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD22	3	0.51
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD23	3	0.51
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	16	0.51
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	16	0.51
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	16	0.51
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	16	0.51
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	16	0.51
(34,2036)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	16	0.51
(34,1868)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	14	0.51
(34,1868)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	14	0.51
(34,1665)	1:132:A:ALA:HA	1:134:A:VAL:HG21	8	0.51
(34,1665)	1:132:A:ALA:HA	1:134:A:VAL:HG22	8	0.51
(34,1665)	1:132:A:ALA:HA	1:134:A:VAL:HG23	8	0.51
(34,1617)	1:119:A:LEU:H	1:121:A:VAL:HG11	10	0.51
(34,1617)	1:119:A:LEU:H	1:121:A:VAL:HG12	10	0.51
(34,1617)	1:119:A:LEU:H	1:121:A:VAL:HG13	10	0.51
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE1	9	0.51
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE2	9	0.51
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE3	9	0.51
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE1	10	0.51
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE2	10	0.51
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE3	10	0.51
(34,1433)	1:70:A:LYS:HA	1:73:A:ILE:HG21	5	0.51
(34,1433)	1:70:A:LYS:HA	1:73:A:ILE:HG22	5	0.51
(34,1433)	1:70:A:LYS:HA	1:73:A:ILE:HG23	5	0.51
(34,1265)	1:21:A:THR:HG21	1:23:A:LEU:HA	6	0.51
(34,1265)	1:21:A:THR:HG22	1:23:A:LEU:HA	6	0.51
(34,1265)	1:21:A:THR:HG23	1:23:A:LEU:HA	6	0.51
(34,1233)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	8	0.51
(34,1233)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	8	0.51
(34,1233)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	8	0.51
(34,1233)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	8	0.51
(34,1233)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	8	0.51
(34,1233)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	8	0.51
(34,1140)	1:41:A:LYS:HA	1:44:A:GLU:HG2	10	0.51
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD11	17	0.51
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD12	17	0.51
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD13	17	0.51
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD11	18	0.51
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD12	18	0.51
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD13	18	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD11	3	0.51
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD12	3	0.51
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD13	3	0.51
(34,942)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	8	0.51
(34,942)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	8	0.51
(34,942)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	8	0.51
(34,942)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	8	0.51
(34,937)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	16	0.51
(34,937)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	16	0.51
(34,937)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	16	0.51
(34,876)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	10	0.51
(34,876)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	10	0.51
(34,876)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	10	0.51
(34,827)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	13	0.51
(34,827)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	13	0.51
(34,827)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	13	0.51
(34,827)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	13	0.51
(34,827)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	13	0.51
(34,827)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	13	0.51
(34,764)	1:37:A:LEU:H	1:40:A:LEU:HB3	9	0.51
(34,762)	1:141:A:LYS:H	1:143:A:TRP:HB2	7	0.51
(34,759)	1:38:A:GLU:H	1:41:A:LYS:HG2	19	0.51
(34,523)	1:70:A:LYS:HE2	1:71:A:LYS:H	8	0.51
(34,523)	1:70:A:LYS:HE3	1:71:A:LYS:H	8	0.51
(34,505)	1:97:A:ASP:HB2	1:105:A:LYS:H	1	0.51
(34,505)	1:97:A:ASP:HB3	1:105:A:LYS:H	1	0.51
(34,404)	1:105:A:LYS:HG3	1:106:A:ASP:H	10	0.51
(34,321)	1:40:A:LEU:HD11	1:43:A:MET:H	7	0.51
(34,321)	1:40:A:LEU:HD12	1:43:A:MET:H	7	0.51
(34,321)	1:40:A:LEU:HD13	1:43:A:MET:H	7	0.51
(34,180)	1:8:A:ASP:H	1:58:A:ILE:HG13	6	0.51
(34,149)	1:59:A:CYS:H	1:60:A:LEU:HD21	1	0.51
(34,149)	1:59:A:CYS:H	1:60:A:LEU:HD22	1	0.51
(34,149)	1:59:A:CYS:H	1:60:A:LEU:HD23	1	0.51
(34,130)	1:46:A:ASN:HB3	1:49:A:LYS:H	13	0.51
(34,111)	1:69:A:MET:H	1:70:A:LYS:HG2	13	0.51
(34,53)	1:98:A:ILE:H	1:101:A:ILE:HG21	3	0.51
(34,53)	1:98:A:ILE:H	1:101:A:ILE:HG22	3	0.51
(34,53)	1:98:A:ILE:H	1:101:A:ILE:HG23	3	0.51
(33,2258)	1:69:A:MET:HE1	1:116:A:GLN:HE21	6	0.51
(33,2258)	1:69:A:MET:HE1	1:116:A:GLN:HE22	6	0.51
(33,2258)	1:69:A:MET:HE2	1:116:A:GLN:HE21	6	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2258)	1:69:A:MET:HE2	1:116:A:GLN:HE22	6	0.51
(33,2258)	1:69:A:MET:HE3	1:116:A:GLN:HE21	6	0.51
(33,2258)	1:69:A:MET:HE3	1:116:A:GLN:HE22	6	0.51
(33,2152)	1:43:A:MET:HE1	1:46:A:ASN:HD21	2	0.51
(33,2152)	1:43:A:MET:HE1	1:46:A:ASN:HD22	2	0.51
(33,2152)	1:43:A:MET:HE2	1:46:A:ASN:HD21	2	0.51
(33,2152)	1:43:A:MET:HE2	1:46:A:ASN:HD22	2	0.51
(33,2152)	1:43:A:MET:HE3	1:46:A:ASN:HD21	2	0.51
(33,2152)	1:43:A:MET:HE3	1:46:A:ASN:HD22	2	0.51
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD11	12	0.51
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD12	12	0.51
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD13	12	0.51
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD21	12	0.51
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD22	12	0.51
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD23	12	0.51
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD11	8	0.51
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD12	8	0.51
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD13	8	0.51
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD21	8	0.51
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD22	8	0.51
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD23	8	0.51
(33,1988)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	4	0.51
(33,1988)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	4	0.51
(33,1988)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	4	0.51
(33,1988)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	4	0.51
(33,1988)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	4	0.51
(33,1988)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	4	0.51
(33,1988)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	4	0.51
(33,1988)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	4	0.51
(33,1988)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	4	0.51
(33,1988)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	4	0.51
(33,1988)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	4	0.51
(33,1988)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	4	0.51
(33,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	13	0.51
(33,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	13	0.51
(33,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	13	0.51
(33,1856)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	14	0.51
(33,1856)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	14	0.51
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	12	0.51
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	12	0.51
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	12	0.51
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	14	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	14	0.51
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	14	0.51
(33,1735)	1:105:A:LYS:HG3	1:106:A:ASP:HA	12	0.51
(33,1592)	1:119:A:LEU:H	1:121:A:VAL:HG11	10	0.51
(33,1592)	1:119:A:LEU:H	1:121:A:VAL:HG12	10	0.51
(33,1592)	1:119:A:LEU:H	1:121:A:VAL:HG13	10	0.51
(33,1562)	1:61:A:SER:HA	1:63:A:ILE:HD11	17	0.51
(33,1562)	1:61:A:SER:HA	1:63:A:ILE:HD12	17	0.51
(33,1562)	1:61:A:SER:HA	1:63:A:ILE:HD13	17	0.51
(33,1470)	1:95:A:ILE:HG21	1:97:A:ASP:H	3	0.51
(33,1470)	1:95:A:ILE:HG22	1:97:A:ASP:H	3	0.51
(33,1470)	1:95:A:ILE:HG23	1:97:A:ASP:H	3	0.51
(33,1242)	1:21:A:THR:HG21	1:23:A:LEU:HA	6	0.51
(33,1242)	1:21:A:THR:HG22	1:23:A:LEU:HA	6	0.51
(33,1242)	1:21:A:THR:HG23	1:23:A:LEU:HA	6	0.51
(33,1181)	1:43:A:MET:HB2	1:140:A:LEU:HD11	19	0.51
(33,1181)	1:43:A:MET:HB2	1:140:A:LEU:HD12	19	0.51
(33,1181)	1:43:A:MET:HB2	1:140:A:LEU:HD13	19	0.51
(33,1116)	1:66:A:THR:HG21	1:105:A:LYS:HA	19	0.51
(33,1116)	1:66:A:THR:HG22	1:105:A:LYS:HA	19	0.51
(33,1116)	1:66:A:THR:HG23	1:105:A:LYS:HA	19	0.51
(33,943)	1:69:A:MET:HG2	1:109:A:PRO:HA	18	0.51
(33,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	16	0.51
(33,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	16	0.51
(33,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	16	0.51
(33,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	9	0.51
(33,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	9	0.51
(33,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	9	0.51
(33,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	9	0.51
(33,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	9	0.51
(33,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	9	0.51
(33,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	9	0.51
(33,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	9	0.51
(33,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	9	0.51
(33,747)	1:105:A:LYS:HG3	1:112:A:GLN:HE21	15	0.51
(33,431)	1:68:A:LYS:H	1:68:A:LYS:HE2	2	0.51
(33,431)	1:68:A:LYS:H	1:68:A:LYS:HE3	2	0.51
(33,172)	1:8:A:ASP:H	1:58:A:ILE:HG13	6	0.51
(33,57)	1:98:A:ILE:H	1:101:A:ILE:HG21	3	0.51
(33,57)	1:98:A:ILE:H	1:101:A:ILE:HG22	3	0.51
(33,57)	1:98:A:ILE:H	1:101:A:ILE:HG23	3	0.51
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG11	19	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG12	19	0.51
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG13	19	0.51
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG21	19	0.51
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG22	19	0.51
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG23	19	0.51
(32,2356)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	6	0.51
(32,2356)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	6	0.51
(32,2356)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	6	0.51
(32,2356)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	6	0.51
(32,2356)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	6	0.51
(32,2356)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	6	0.51
(32,2356)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	6	0.51
(32,2356)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	6	0.51
(32,2356)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	6	0.51
(32,2356)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	6	0.51
(32,2356)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	6	0.51
(32,2356)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	6	0.51
(32,2356)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	6	0.51
(32,2356)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	6	0.51
(32,2356)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	6	0.51
(32,2356)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	6	0.51
(32,2356)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	6	0.51
(32,2356)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	6	0.51
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG2	6	0.51
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	6	0.51
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG2	6	0.51
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	6	0.51
(32,2344)	1:113:A:PHE:H	1:116:A:GLN:HG2	11	0.51
(32,2344)	1:113:A:PHE:H	1:116:A:GLN:HG3	11	0.51
(32,2156)	1:46:A:ASN:HD21	1:134:A:VAL:HA	7	0.51
(32,2156)	1:46:A:ASN:HD22	1:134:A:VAL:HA	7	0.51
(32,2135)	1:43:A:MET:HE1	1:46:A:ASN:HD21	2	0.51
(32,2135)	1:43:A:MET:HE1	1:46:A:ASN:HD22	2	0.51
(32,2135)	1:43:A:MET:HE2	1:46:A:ASN:HD21	2	0.51
(32,2135)	1:43:A:MET:HE2	1:46:A:ASN:HD22	2	0.51
(32,2135)	1:43:A:MET:HE3	1:46:A:ASN:HD21	2	0.51
(32,2135)	1:43:A:MET:HE3	1:46:A:ASN:HD22	2	0.51
(32,1861)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	14	0.51
(32,1861)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	14	0.51
(32,1857)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	13	0.51
(32,1857)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	13	0.51
(32,1857)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	13	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1546)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	8	0.51
(32,1546)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	8	0.51
(32,1546)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	8	0.51
(32,1534)	1:61:A:SER:HA	1:63:A:ILE:HD11	17	0.51
(32,1534)	1:61:A:SER:HA	1:63:A:ILE:HD12	17	0.51
(32,1534)	1:61:A:SER:HA	1:63:A:ILE:HD13	17	0.51
(32,1479)	1:69:A:MET:HE1	1:116:A:GLN:HE22	18	0.51
(32,1479)	1:69:A:MET:HE2	1:116:A:GLN:HE22	18	0.51
(32,1479)	1:69:A:MET:HE3	1:116:A:GLN:HE22	18	0.51
(32,1440)	1:101:A:ILE:HG21	1:116:A:GLN:H	12	0.51
(32,1440)	1:101:A:ILE:HG22	1:116:A:GLN:H	12	0.51
(32,1440)	1:101:A:ILE:HG23	1:116:A:GLN:H	12	0.51
(32,1384)	1:70:A:LYS:HA	1:73:A:ILE:HG21	5	0.51
(32,1384)	1:70:A:LYS:HA	1:73:A:ILE:HG22	5	0.51
(32,1384)	1:70:A:LYS:HA	1:73:A:ILE:HG23	5	0.51
(32,1203)	1:21:A:THR:HG21	1:23:A:LEU:HA	6	0.51
(32,1203)	1:21:A:THR:HG22	1:23:A:LEU:HA	6	0.51
(32,1203)	1:21:A:THR:HG23	1:23:A:LEU:HA	6	0.51
(32,792)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	2	0.51
(32,792)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	2	0.51
(32,792)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	2	0.51
(32,741)	1:141:A:LYS:H	1:143:A:TRP:HB2	7	0.51
(32,549)	1:116:A:GLN:H	1:116:A:GLN:HE22	5	0.51
(32,344)	1:104:A:PHE:H	1:104:A:PHE:HD1	7	0.51
(32,344)	1:104:A:PHE:H	1:104:A:PHE:HD2	7	0.51
(32,344)	1:104:A:PHE:H	1:104:A:PHE:HD1	9	0.51
(32,344)	1:104:A:PHE:H	1:104:A:PHE:HD2	9	0.51
(32,182)	1:44:A:GLU:H	1:44:A:GLU:HG2	11	0.51
(30,2370)	1:115:A:ALA:H	1:116:A:GLN:HE21	8	0.51
(30,2370)	1:115:A:ALA:H	1:116:A:GLN:HE22	8	0.51
(30,2134)	1:39:A:VAL:HG11	1:144:A:LEU:H	1	0.51
(30,2134)	1:39:A:VAL:HG12	1:144:A:LEU:H	1	0.51
(30,2134)	1:39:A:VAL:HG13	1:144:A:LEU:H	1	0.51
(30,2134)	1:39:A:VAL:HG21	1:144:A:LEU:H	1	0.51
(30,2134)	1:39:A:VAL:HG22	1:144:A:LEU:H	1	0.51
(30,2134)	1:39:A:VAL:HG23	1:144:A:LEU:H	1	0.51
(30,2134)	1:39:A:VAL:HG11	1:144:A:LEU:H	13	0.51
(30,2134)	1:39:A:VAL:HG12	1:144:A:LEU:H	13	0.51
(30,2134)	1:39:A:VAL:HG13	1:144:A:LEU:H	13	0.51
(30,2134)	1:39:A:VAL:HG21	1:144:A:LEU:H	13	0.51
(30,2134)	1:39:A:VAL:HG22	1:144:A:LEU:H	13	0.51
(30,2134)	1:39:A:VAL:HG23	1:144:A:LEU:H	13	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2060)	1:31:A:PRO:HD2	1:143:A:TRP:HA	14	0.51
(30,2060)	1:31:A:PRO:HD3	1:143:A:TRP:HA	14	0.51
(30,2056)	1:30:A:LEU:HD11	1:31:A:PRO:HG2	5	0.51
(30,2056)	1:30:A:LEU:HD11	1:31:A:PRO:HG3	5	0.51
(30,2056)	1:30:A:LEU:HD12	1:31:A:PRO:HG2	5	0.51
(30,2056)	1:30:A:LEU:HD12	1:31:A:PRO:HG3	5	0.51
(30,2056)	1:30:A:LEU:HD13	1:31:A:PRO:HG2	5	0.51
(30,2056)	1:30:A:LEU:HD13	1:31:A:PRO:HG3	5	0.51
(30,2056)	1:30:A:LEU:HD21	1:31:A:PRO:HG2	5	0.51
(30,2056)	1:30:A:LEU:HD21	1:31:A:PRO:HG3	5	0.51
(30,2056)	1:30:A:LEU:HD22	1:31:A:PRO:HG2	5	0.51
(30,2056)	1:30:A:LEU:HD22	1:31:A:PRO:HG3	5	0.51
(30,2056)	1:30:A:LEU:HD23	1:31:A:PRO:HG2	5	0.51
(30,2056)	1:30:A:LEU:HD23	1:31:A:PRO:HG3	5	0.51
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	17	0.51
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	17	0.51
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	17	0.51
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	17	0.51
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	17	0.51
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	17	0.51
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	17	0.51
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	17	0.51
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	17	0.51
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	17	0.51
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	17	0.51
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	17	0.51
(30,1920)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	1	0.51
(30,1920)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	1	0.51
(30,1896)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	7	0.51
(30,1896)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	7	0.51
(30,1896)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	7	0.51
(30,1896)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	7	0.51
(30,1896)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	7	0.51
(30,1896)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	7	0.51
(30,1860)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	14	0.51
(30,1860)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	14	0.51
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE1	12	0.51
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE2	12	0.51
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE1	12	0.51
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE2	12	0.51
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE1	12	0.51
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE2	12	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1710)	1:141:A:LYS:HA	1:145:A:PRO:HD3	15	0.51
(30,1419)	1:70:A:LYS:HA	1:73:A:ILE:HG21	5	0.51
(30,1419)	1:70:A:LYS:HA	1:73:A:ILE:HG22	5	0.51
(30,1419)	1:70:A:LYS:HA	1:73:A:ILE:HG23	5	0.51
(30,1359)	1:39:A:VAL:HG11	1:144:A:LEU:H	19	0.51
(30,1359)	1:39:A:VAL:HG12	1:144:A:LEU:H	19	0.51
(30,1359)	1:39:A:VAL:HG13	1:144:A:LEU:H	19	0.51
(30,919)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	19	0.51
(30,919)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	19	0.51
(30,919)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	19	0.51
(30,919)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	19	0.51
(30,919)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	19	0.51
(30,919)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	19	0.51
(30,868)	1:123:A:CYS:HB3	1:128:A:LEU:HD11	16	0.51
(30,868)	1:123:A:CYS:HB3	1:128:A:LEU:HD12	16	0.51
(30,868)	1:123:A:CYS:HB3	1:128:A:LEU:HD13	16	0.51
(30,856)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	10	0.51
(30,856)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	10	0.51
(30,830)	1:110:A:MET:HG2	1:114:A:ILE:HD11	19	0.51
(30,830)	1:110:A:MET:HG2	1:114:A:ILE:HD12	19	0.51
(30,830)	1:110:A:MET:HG2	1:114:A:ILE:HD13	19	0.51
(30,830)	1:110:A:MET:HG3	1:114:A:ILE:HD11	19	0.51
(30,830)	1:110:A:MET:HG3	1:114:A:ILE:HD12	19	0.51
(30,830)	1:110:A:MET:HG3	1:114:A:ILE:HD13	19	0.51
(30,347)	1:66:A:THR:H	1:96:A:VAL:HB	18	0.51
(30,145)	1:59:A:CYS:H	1:60:A:LEU:HD21	1	0.51
(30,145)	1:59:A:CYS:H	1:60:A:LEU:HD22	1	0.51
(30,145)	1:59:A:CYS:H	1:60:A:LEU:HD23	1	0.51
(30,50)	1:98:A:ILE:H	1:101:A:ILE:HG21	3	0.51
(30,50)	1:98:A:ILE:H	1:101:A:ILE:HG22	3	0.51
(30,50)	1:98:A:ILE:H	1:101:A:ILE:HG23	3	0.51
(30,12)	1:64:A:LYS:H	1:116:A:GLN:HG2	8	0.51
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	4	0.51
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	4	0.51
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	4	0.51
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	4	0.51
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	4	0.51
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	4	0.51
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	4	0.51
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	4	0.51
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	4	0.51
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	4	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	4	0.51
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	4	0.51
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	4	0.51
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	4	0.51
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	4	0.51
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	4	0.51
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	4	0.51
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	4	0.51
(29,1909)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	13	0.51
(29,1909)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	13	0.51
(29,1909)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	13	0.51
(29,1884)	1:9:A:PHE:HE1	1:58:A:ILE:HG12	16	0.51
(29,1884)	1:9:A:PHE:HE2	1:58:A:ILE:HG12	16	0.51
(29,1828)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	12	0.51
(29,1828)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	12	0.51
(29,1828)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	12	0.51
(29,1828)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	12	0.51
(29,1828)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	12	0.51
(29,1828)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	12	0.51
(29,1816)	1:71:A:LYS:HE2	1:72:A:PHE:HD1	2	0.51
(29,1816)	1:71:A:LYS:HE2	1:72:A:PHE:HD2	2	0.51
(29,1816)	1:71:A:LYS:HE3	1:72:A:PHE:HD1	2	0.51
(29,1816)	1:71:A:LYS:HE3	1:72:A:PHE:HD2	2	0.51
(29,1369)	1:39:A:VAL:HG11	1:144:A:LEU:H	19	0.51
(29,1369)	1:39:A:VAL:HG12	1:144:A:LEU:H	19	0.51
(29,1369)	1:39:A:VAL:HG13	1:144:A:LEU:H	19	0.51
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD11	10	0.51
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD12	10	0.51
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD13	10	0.51
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD11	10	0.51
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD12	10	0.51
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD13	10	0.51
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD11	10	0.51
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD12	10	0.51
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD13	10	0.51
(29,1259)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	12	0.51
(29,1259)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	12	0.51
(29,1259)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	12	0.51
(29,1259)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	12	0.51
(29,1259)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	12	0.51
(29,1259)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	12	0.51
(29,1002)	1:12:A:VAL:HB	1:43:A:MET:HE1	19	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1002)	1:12:A:VAL:HB	1:43:A:MET:HE2	19	0.51
(29,1002)	1:12:A:VAL:HB	1:43:A:MET:HE3	19	0.51
(29,977)	1:141:A:LYS:HB2	1:149:A:ALA:HA	4	0.51
(29,977)	1:141:A:LYS:HB3	1:149:A:ALA:HA	4	0.51
(29,961)	1:39:A:VAL:HA	1:43:A:MET:HG3	17	0.51
(29,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	16	0.51
(29,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	16	0.51
(29,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	16	0.51
(29,846)	1:110:A:MET:HG2	1:114:A:ILE:HD11	19	0.51
(29,846)	1:110:A:MET:HG2	1:114:A:ILE:HD12	19	0.51
(29,846)	1:110:A:MET:HG2	1:114:A:ILE:HD13	19	0.51
(29,846)	1:110:A:MET:HG3	1:114:A:ILE:HD11	19	0.51
(29,846)	1:110:A:MET:HG3	1:114:A:ILE:HD12	19	0.51
(29,846)	1:110:A:MET:HG3	1:114:A:ILE:HD13	19	0.51
(29,771)	1:141:A:LYS:H	1:143:A:TRP:HB2	7	0.51
(29,351)	1:104:A:PHE:H	1:104:A:PHE:HD1	7	0.51
(29,351)	1:104:A:PHE:H	1:104:A:PHE:HD2	7	0.51
(29,351)	1:104:A:PHE:H	1:104:A:PHE:HD1	9	0.51
(29,351)	1:104:A:PHE:H	1:104:A:PHE:HD2	9	0.51
(29,238)	1:50:A:ALA:H	1:52:A:CYS:H	14	0.51
(29,112)	1:69:A:MET:H	1:73:A:ILE:HD11	7	0.51
(29,112)	1:69:A:MET:H	1:73:A:ILE:HD12	7	0.51
(29,112)	1:69:A:MET:H	1:73:A:ILE:HD13	7	0.51
(23,18)	1:119:A:LEU:N	1:115:A:ALA:O	4	0.51
(23,18)	1:119:A:LEU:N	1:115:A:ALA:O	7	0.51
(23,18)	1:119:A:LEU:N	1:115:A:ALA:O	18	0.51
(23,15)	1:116:A:GLN:N	1:112:A:GLN:O	8	0.51
(23,7)	1:60:A:LEU:N	1:56:A:CYS:O	9	0.51
(23,5)	1:58:A:ILE:N	1:54:A:ARG:O	9	0.51
(23,4)	1:45:A:ALA:N	1:41:A:LYS:O	16	0.51
(23,1)	1:17:A:ASN:N	1:13:A:ALA:O	15	0.51
(22,34)	1:118:A:ASP:N	1:114:A:ILE:C	15	0.51
(22,33)	1:118:A:ASP:H	1:114:A:ILE:C	16	0.51
(22,22)	1:107:A:LEU:N	1:103:A:ARG:C	5	0.51
(22,5)	1:44:A:GLU:H	1:40:A:LEU:C	14	0.51
(22,3)	1:39:A:VAL:H	1:36:A:PRO:C	7	0.51
(22,2)	1:17:A:ASN:N	1:13:A:ALA:C	16	0.51
(19,15)	1:52:A:CYS:SG	1:127:A:CYS:CB	9	0.51
(19,15)	1:52:A:CYS:SG	1:127:A:CYS:CB	13	0.51
(18,2348)	1:116:A:GLN:HG2	1:119:A:LEU:HD11	3	0.51
(18,2348)	1:116:A:GLN:HG2	1:119:A:LEU:HD12	3	0.51
(18,2348)	1:116:A:GLN:HG2	1:119:A:LEU:HD13	3	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2348)	1:116:A:GLN:HG2	1:119:A:LEU:HD21	3	0.51
(18,2348)	1:116:A:GLN:HG2	1:119:A:LEU:HD22	3	0.51
(18,2348)	1:116:A:GLN:HG2	1:119:A:LEU:HD23	3	0.51
(18,2342)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	6	0.51
(18,2342)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	6	0.51
(18,2342)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	6	0.51
(18,2342)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	6	0.51
(18,2342)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	6	0.51
(18,2342)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	6	0.51
(18,2342)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	6	0.51
(18,2342)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	6	0.51
(18,2342)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	6	0.51
(18,2342)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	6	0.51
(18,2342)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	6	0.51
(18,2342)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	6	0.51
(18,2342)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	6	0.51
(18,2342)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	6	0.51
(18,2342)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	6	0.51
(18,2342)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	6	0.51
(18,2342)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	6	0.51
(18,2342)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	6	0.51
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD11	9	0.51
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD12	9	0.51
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD13	9	0.51
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD21	9	0.51
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD22	9	0.51
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD23	9	0.51
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD11	9	0.51
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD12	9	0.51
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD13	9	0.51
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD21	9	0.51
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD22	9	0.51
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD23	9	0.51
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD11	9	0.51
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD12	9	0.51
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD13	9	0.51
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD21	9	0.51
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD22	9	0.51
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD23	9	0.51
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD11	12	0.51
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD12	12	0.51
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD13	12	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD21	12	0.51
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD22	12	0.51
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD23	12	0.51
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD11	12	0.51
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD12	12	0.51
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD13	12	0.51
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD21	12	0.51
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD22	12	0.51
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD23	12	0.51
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD11	12	0.51
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD12	12	0.51
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD13	12	0.51
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD21	12	0.51
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD22	12	0.51
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD23	12	0.51
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD11	18	0.51
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD12	18	0.51
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD13	18	0.51
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD21	18	0.51
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD22	18	0.51
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD23	18	0.51
(18,2037)	1:23:A:LEU:HD11	1:24:A:ASP:H	15	0.51
(18,2037)	1:23:A:LEU:HD12	1:24:A:ASP:H	15	0.51
(18,2037)	1:23:A:LEU:HD13	1:24:A:ASP:H	15	0.51
(18,2037)	1:23:A:LEU:HD21	1:24:A:ASP:H	15	0.51
(18,2037)	1:23:A:LEU:HD22	1:24:A:ASP:H	15	0.51
(18,2037)	1:23:A:LEU:HD23	1:24:A:ASP:H	15	0.51
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD11	8	0.51
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD12	8	0.51
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD13	8	0.51
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD21	8	0.51
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD22	8	0.51
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD23	8	0.51
(18,1947)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	4	0.51
(18,1947)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	4	0.51
(18,1947)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	4	0.51
(18,1947)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	4	0.51
(18,1845)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	14	0.51
(18,1845)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	14	0.51
(18,1834)	1:80:A:TYR:HE1	1:81:A:GLU:HB3	15	0.51
(18,1834)	1:80:A:TYR:HE2	1:81:A:GLU:HB3	15	0.51
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	5	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	5	0.51
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	5	0.51
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	5	0.51
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	5	0.51
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	5	0.51
(18,1748)	1:66:A:THR:HG21	1:97:A:ASP:HA	2	0.51
(18,1748)	1:66:A:THR:HG22	1:97:A:ASP:HA	2	0.51
(18,1748)	1:66:A:THR:HG23	1:97:A:ASP:HA	2	0.51
(18,1747)	1:57:A:LEU:HG	1:60:A:LEU:HG	6	0.51
(18,1721)	1:18:A:PHE:HB3	1:132:A:ALA:HA	12	0.51
(18,1721)	1:18:A:PHE:HB2	1:132:A:ALA:HA	12	0.51
(18,1705)	1:79:A:THR:HG21	1:81:A:GLU:HB3	17	0.51
(18,1705)	1:79:A:THR:HG22	1:81:A:GLU:HB3	17	0.51
(18,1705)	1:79:A:THR:HG23	1:81:A:GLU:HB3	17	0.51
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	12	0.51
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	12	0.51
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	12	0.51
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	12	0.51
(18,1586)	1:119:A:LEU:H	1:121:A:VAL:HG11	10	0.51
(18,1586)	1:119:A:LEU:H	1:121:A:VAL:HG12	10	0.51
(18,1586)	1:119:A:LEU:H	1:121:A:VAL:HG13	10	0.51
(18,1557)	1:61:A:SER:HA	1:63:A:ILE:HD11	17	0.51
(18,1557)	1:61:A:SER:HA	1:63:A:ILE:HD12	17	0.51
(18,1557)	1:61:A:SER:HA	1:63:A:ILE:HD13	17	0.51
(18,1531)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	14	0.51
(18,1531)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	14	0.51
(18,1531)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	14	0.51
(18,1531)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	14	0.51
(18,1531)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	14	0.51
(18,1531)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	14	0.51
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE1	5	0.51
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE2	5	0.51
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE3	5	0.51
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE1	5	0.51
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE2	5	0.51
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE3	5	0.51
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE1	5	0.51
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE2	5	0.51
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE3	5	0.51
(18,1242)	1:21:A:THR:HG21	1:23:A:LEU:HA	6	0.51
(18,1242)	1:21:A:THR:HG22	1:23:A:LEU:HA	6	0.51
(18,1242)	1:21:A:THR:HG23	1:23:A:LEU:HA	6	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,942)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	7	0.51
(18,942)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	7	0.51
(18,939)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	2	0.51
(18,939)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	2	0.51
(18,939)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	2	0.51
(18,939)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	2	0.51
(18,783)	1:101:A:ILE:HD11	1:104:A:PHE:H	9	0.51
(18,783)	1:101:A:ILE:HD12	1:104:A:PHE:H	9	0.51
(18,783)	1:101:A:ILE:HD13	1:104:A:PHE:H	9	0.51
(18,772)	1:141:A:LYS:H	1:143:A:TRP:HB2	7	0.51
(18,741)	1:17:A:ASN:HD21	1:18:A:PHE:H	8	0.51
(18,739)	1:16:A:SER:H	1:17:A:ASN:HD21	18	0.51
(18,509)	1:97:A:ASP:HB2	1:105:A:LYS:H	1	0.51
(18,509)	1:97:A:ASP:HB3	1:105:A:LYS:H	1	0.51
(18,239)	1:112:A:GLN:HG2	1:114:A:ILE:H	12	0.51
(18,239)	1:112:A:GLN:HG3	1:114:A:ILE:H	12	0.51
(18,196)	1:44:A:GLU:H	1:44:A:GLU:HG2	11	0.51
(18,151)	1:131:A:LEU:H	1:131:A:LEU:HG	7	0.51
(17,2409)	1:129:A:LYS:HG2	1:130:A:GLY:H	1	0.51
(17,2409)	1:129:A:LYS:HG3	1:130:A:GLY:H	1	0.51
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	5	0.51
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	5	0.51
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	5	0.51
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	5	0.51
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	5	0.51
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	5	0.51
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	5	0.51
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	5	0.51
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	5	0.51
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	5	0.51
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	5	0.51
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	5	0.51
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	5	0.51
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	5	0.51
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	5	0.51
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	5	0.51
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	5	0.51
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	5	0.51
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG11	1	0.51
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG12	1	0.51
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG13	1	0.51
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG21	1	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG22	1	0.51
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG23	1	0.51
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD11	4	0.51
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD12	4	0.51
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD13	4	0.51
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD21	4	0.51
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD22	4	0.51
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD23	4	0.51
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD11	4	0.51
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD12	4	0.51
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD13	4	0.51
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD21	4	0.51
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD22	4	0.51
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD23	4	0.51
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD11	4	0.51
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD12	4	0.51
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD13	4	0.51
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD21	4	0.51
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD22	4	0.51
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD23	4	0.51
(17,2102)	1:37:A:LEU:H	1:40:A:LEU:HB2	17	0.51
(17,2102)	1:37:A:LEU:H	1:40:A:LEU:HB3	17	0.51
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	16	0.51
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	16	0.51
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	16	0.51
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	16	0.51
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	16	0.51
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	16	0.51
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	16	0.51
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	16	0.51
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	16	0.51
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	16	0.51
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	16	0.51
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	16	0.51
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE1	9	0.51
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE2	9	0.51
(17,1780)	1:66:A:THR:HG21	1:97:A:ASP:HA	2	0.51
(17,1780)	1:66:A:THR:HG22	1:97:A:ASP:HA	2	0.51
(17,1780)	1:66:A:THR:HG23	1:97:A:ASP:HA	2	0.51
(17,1779)	1:57:A:LEU:HG	1:60:A:LEU:HG	6	0.51
(17,1776)	1:141:A:LYS:HA	1:148:A:CYS:H	4	0.51
(17,1682)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	11	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1682)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	11	0.51
(17,1552)	1:69:A:MET:HE1	1:76:A:ARG:HG2	7	0.51
(17,1552)	1:69:A:MET:HE1	1:76:A:ARG:HG3	7	0.51
(17,1552)	1:69:A:MET:HE2	1:76:A:ARG:HG2	7	0.51
(17,1552)	1:69:A:MET:HE2	1:76:A:ARG:HG3	7	0.51
(17,1552)	1:69:A:MET:HE3	1:76:A:ARG:HG2	7	0.51
(17,1552)	1:69:A:MET:HE3	1:76:A:ARG:HG3	7	0.51
(17,1379)	1:39:A:VAL:HG11	1:144:A:LEU:H	19	0.51
(17,1379)	1:39:A:VAL:HG12	1:144:A:LEU:H	19	0.51
(17,1379)	1:39:A:VAL:HG13	1:144:A:LEU:H	19	0.51
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD21	8	0.51
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD22	8	0.51
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD23	8	0.51
(17,1255)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	19	0.51
(17,1255)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	19	0.51
(17,1255)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	19	0.51
(17,1255)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	19	0.51
(17,1255)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	19	0.51
(17,1255)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	19	0.51
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	11	0.51
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	11	0.51
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	11	0.51
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	12	0.51
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	12	0.51
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	12	0.51
(17,1163)	1:13:A:ALA:HB1	1:80:A:TYR:HA	2	0.51
(17,1163)	1:13:A:ALA:HB2	1:80:A:TYR:HA	2	0.51
(17,1163)	1:13:A:ALA:HB3	1:80:A:TYR:HA	2	0.51
(17,1045)	1:11:A:ILE:HB	1:44:A:GLU:HB2	11	0.51
(17,1045)	1:11:A:ILE:HB	1:44:A:GLU:HB3	11	0.51
(17,1032)	1:8:A:ASP:H	1:58:A:ILE:HG13	19	0.51
(17,907)	1:17:A:ASN:HB2	1:113:A:PHE:HE1	12	0.51
(17,907)	1:17:A:ASN:HB2	1:113:A:PHE:HE2	12	0.51
(17,907)	1:17:A:ASN:HB3	1:113:A:PHE:HE1	12	0.51
(17,907)	1:17:A:ASN:HB3	1:113:A:PHE:HE2	12	0.51
(17,488)	1:97:A:ASP:HB2	1:105:A:LYS:H	1	0.51
(17,488)	1:97:A:ASP:HB3	1:105:A:LYS:H	1	0.51
(17,391)	1:105:A:LYS:HG3	1:106:A:ASP:H	10	0.51
(17,233)	1:50:A:ALA:H	1:52:A:CYS:H	14	0.51
(17,151)	1:131:A:LEU:H	1:131:A:LEU:HG	7	0.51
(17,144)	1:59:A:CYS:H	1:60:A:LEU:HD21	1	0.51
(17,144)	1:59:A:CYS:H	1:60:A:LEU:HD22	1	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,144)	1:59:A:CYS:H	1:60:A:LEU:HD23	1	0.51
(17,107)	1:69:A:MET:H	1:70:A:LYS:HG2	13	0.51
(17,51)	1:98:A:ILE:H	1:101:A:ILE:HG21	3	0.51
(17,51)	1:98:A:ILE:H	1:101:A:ILE:HG22	3	0.51
(17,51)	1:98:A:ILE:H	1:101:A:ILE:HG23	3	0.51
(16,2361)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	6	0.51
(16,2361)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	6	0.51
(16,2361)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	6	0.51
(16,2361)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	6	0.51
(16,2361)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	6	0.51
(16,2361)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	6	0.51
(16,2361)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	6	0.51
(16,2361)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	6	0.51
(16,2361)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	6	0.51
(16,2361)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	6	0.51
(16,2361)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	6	0.51
(16,2361)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	6	0.51
(16,2361)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	6	0.51
(16,2361)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	6	0.51
(16,2361)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	6	0.51
(16,2361)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	6	0.51
(16,2361)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	6	0.51
(16,2361)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	6	0.51
(16,2348)	1:113:A:PHE:H	1:116:A:GLN:HG2	11	0.51
(16,2348)	1:113:A:PHE:H	1:116:A:GLN:HG3	11	0.51
(16,2141)	1:40:A:LEU:HD11	1:43:A:MET:HG3	18	0.51
(16,2141)	1:40:A:LEU:HD12	1:43:A:MET:HG3	18	0.51
(16,2141)	1:40:A:LEU:HD13	1:43:A:MET:HG3	18	0.51
(16,2141)	1:40:A:LEU:HD21	1:43:A:MET:HG3	18	0.51
(16,2141)	1:40:A:LEU:HD22	1:43:A:MET:HG3	18	0.51
(16,2141)	1:40:A:LEU:HD23	1:43:A:MET:HG3	18	0.51
(16,2057)	1:30:A:LEU:HD11	1:31:A:PRO:HG2	5	0.51
(16,2057)	1:30:A:LEU:HD11	1:31:A:PRO:HG3	5	0.51
(16,2057)	1:30:A:LEU:HD12	1:31:A:PRO:HG2	5	0.51
(16,2057)	1:30:A:LEU:HD12	1:31:A:PRO:HG3	5	0.51
(16,2057)	1:30:A:LEU:HD13	1:31:A:PRO:HG2	5	0.51
(16,2057)	1:30:A:LEU:HD13	1:31:A:PRO:HG3	5	0.51
(16,2057)	1:30:A:LEU:HD21	1:31:A:PRO:HG2	5	0.51
(16,2057)	1:30:A:LEU:HD21	1:31:A:PRO:HG3	5	0.51
(16,2057)	1:30:A:LEU:HD22	1:31:A:PRO:HG2	5	0.51
(16,2057)	1:30:A:LEU:HD22	1:31:A:PRO:HG3	5	0.51
(16,2057)	1:30:A:LEU:HD23	1:31:A:PRO:HG2	5	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2057)	1:30:A:LEU:HD23	1:31:A:PRO:HG3	5	0.51
(16,1960)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	3	0.51
(16,1960)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	3	0.51
(16,1960)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	3	0.51
(16,1960)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	3	0.51
(16,1960)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	3	0.51
(16,1960)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	3	0.51
(16,1960)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	3	0.51
(16,1960)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	3	0.51
(16,1960)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	3	0.51
(16,1960)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	3	0.51
(16,1960)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	3	0.51
(16,1960)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	3	0.51
(16,1960)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	3	0.51
(16,1960)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	3	0.51
(16,1960)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	3	0.51
(16,1960)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	3	0.51
(16,1960)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	3	0.51
(16,1960)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	3	0.51
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	6	0.51
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	6	0.51
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	6	0.51
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	6	0.51
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	6	0.51
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	6	0.51
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	6	0.51
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	6	0.51
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	6	0.51
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	6	0.51
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	6	0.51
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	6	0.51
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	6	0.51
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	6	0.51
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	6	0.51
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	6	0.51
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	6	0.51
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	6	0.51
(16,1906)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	3	0.51
(16,1906)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	3	0.51
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	10	0.51
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	10	0.51
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	10	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	10	0.51
(16,1871)	1:104:A:PHE:HE1	1:113:A:PHE:HA	5	0.51
(16,1871)	1:104:A:PHE:HE2	1:113:A:PHE:HA	5	0.51
(16,1638)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	19	0.51
(16,1638)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	19	0.51
(16,1638)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	19	0.51
(16,1638)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	19	0.51
(16,1638)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	19	0.51
(16,1638)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	19	0.51
(16,1638)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	19	0.51
(16,1638)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	19	0.51
(16,1638)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	19	0.51
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD21	8	0.51
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD22	8	0.51
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD23	8	0.51
(16,1590)	1:119:A:LEU:H	1:121:A:VAL:HG11	10	0.51
(16,1590)	1:119:A:LEU:H	1:121:A:VAL:HG12	10	0.51
(16,1590)	1:119:A:LEU:H	1:121:A:VAL:HG13	10	0.51
(16,1564)	1:63:A:ILE:HD11	1:113:A:PHE:HA	3	0.51
(16,1564)	1:63:A:ILE:HD12	1:113:A:PHE:HA	3	0.51
(16,1564)	1:63:A:ILE:HD13	1:113:A:PHE:HA	3	0.51
(16,1517)	1:69:A:MET:HE1	1:116:A:GLN:HE22	18	0.51
(16,1517)	1:69:A:MET:HE2	1:116:A:GLN:HE22	18	0.51
(16,1517)	1:69:A:MET:HE3	1:116:A:GLN:HE22	18	0.51
(16,1475)	1:95:A:ILE:HG21	1:97:A:ASP:H	9	0.51
(16,1475)	1:95:A:ILE:HG22	1:97:A:ASP:H	9	0.51
(16,1475)	1:95:A:ILE:HG23	1:97:A:ASP:H	9	0.51
(16,1459)	1:13:A:ALA:HB1	1:79:A:THR:HB	4	0.51
(16,1459)	1:13:A:ALA:HB2	1:79:A:THR:HB	4	0.51
(16,1459)	1:13:A:ALA:HB3	1:79:A:THR:HB	4	0.51
(16,1367)	1:39:A:VAL:HG11	1:144:A:LEU:H	19	0.51
(16,1367)	1:39:A:VAL:HG12	1:144:A:LEU:H	19	0.51
(16,1367)	1:39:A:VAL:HG13	1:144:A:LEU:H	19	0.51
(16,1261)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	5	0.51
(16,1261)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	5	0.51
(16,1261)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	5	0.51
(16,1261)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	5	0.51
(16,1261)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	5	0.51
(16,1261)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	5	0.51
(16,1261)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	5	0.51
(16,1261)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	5	0.51
(16,1261)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	5	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1261)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	9	0.51
(16,1261)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	9	0.51
(16,1261)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	9	0.51
(16,1261)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	9	0.51
(16,1261)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	9	0.51
(16,1261)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	9	0.51
(16,1261)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	9	0.51
(16,1261)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	9	0.51
(16,1261)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	9	0.51
(16,1241)	1:21:A:THR:HG21	1:23:A:LEU:HA	6	0.51
(16,1241)	1:21:A:THR:HG22	1:23:A:LEU:HA	6	0.51
(16,1241)	1:21:A:THR:HG23	1:23:A:LEU:HA	6	0.51
(16,944)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	10	0.51
(16,944)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	10	0.51
(16,936)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	19	0.51
(16,936)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	19	0.51
(16,936)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	19	0.51
(16,936)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	19	0.51
(16,936)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	19	0.51
(16,936)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	19	0.51
(16,792)	1:11:A:ILE:HD11	1:52:A:CYS:HB2	4	0.51
(16,792)	1:11:A:ILE:HD11	1:52:A:CYS:HB3	4	0.51
(16,792)	1:11:A:ILE:HD12	1:52:A:CYS:HB2	4	0.51
(16,792)	1:11:A:ILE:HD12	1:52:A:CYS:HB3	4	0.51
(16,792)	1:11:A:ILE:HD13	1:52:A:CYS:HB2	4	0.51
(16,792)	1:11:A:ILE:HD13	1:52:A:CYS:HB3	4	0.51
(16,764)	1:38:A:GLU:H	1:41:A:LYS:HG2	19	0.51
(16,596)	1:75:A:GLY:H	1:76:A:ARG:HB2	3	0.51
(16,587)	1:126:A:GLY:H	1:128:A:LEU:HG	4	0.51
(16,380)	1:40:A:LEU:HB2	1:41:A:LYS:H	7	0.51
(16,355)	1:73:A:ILE:HD11	1:111:A:GLU:H	2	0.51
(16,355)	1:73:A:ILE:HD12	1:111:A:GLU:H	2	0.51
(16,355)	1:73:A:ILE:HD13	1:111:A:GLU:H	2	0.51
(16,353)	1:66:A:THR:H	1:96:A:VAL:HB	18	0.51
(16,241)	1:50:A:ALA:H	1:52:A:CYS:H	14	0.51
(16,179)	1:8:A:ASP:H	1:58:A:ILE:HG13	6	0.51
(16,107)	1:69:A:MET:H	1:70:A:LYS:HG2	13	0.51
(16,50)	1:98:A:ILE:H	1:101:A:ILE:HG21	3	0.51
(16,50)	1:98:A:ILE:H	1:101:A:ILE:HG22	3	0.51
(16,50)	1:98:A:ILE:H	1:101:A:ILE:HG23	3	0.51
(15,2496)	1:144:A:LEU:HD11	1:148:A:CYS:H	18	0.51
(15,2496)	1:144:A:LEU:HD12	1:148:A:CYS:H	18	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2496)	1:144:A:LEU:HD13	1:148:A:CYS:H	18	0.51
(15,2496)	1:144:A:LEU:HD21	1:148:A:CYS:H	18	0.51
(15,2496)	1:144:A:LEU:HD22	1:148:A:CYS:H	18	0.51
(15,2496)	1:144:A:LEU:HD23	1:148:A:CYS:H	18	0.51
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG11	19	0.51
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG12	19	0.51
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG13	19	0.51
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG21	19	0.51
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG22	19	0.51
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG23	19	0.51
(15,2263)	1:79:A:THR:HG21	1:81:A:GLU:HB2	1	0.51
(15,2263)	1:79:A:THR:HG21	1:81:A:GLU:HB3	1	0.51
(15,2263)	1:79:A:THR:HG22	1:81:A:GLU:HB2	1	0.51
(15,2263)	1:79:A:THR:HG22	1:81:A:GLU:HB3	1	0.51
(15,2263)	1:79:A:THR:HG23	1:81:A:GLU:HB2	1	0.51
(15,2263)	1:79:A:THR:HG23	1:81:A:GLU:HB3	1	0.51
(15,2140)	1:47:A:ALA:H	1:134:A:VAL:HG11	12	0.51
(15,2140)	1:47:A:ALA:H	1:134:A:VAL:HG12	12	0.51
(15,2140)	1:47:A:ALA:H	1:134:A:VAL:HG13	12	0.51
(15,2140)	1:47:A:ALA:H	1:134:A:VAL:HG21	12	0.51
(15,2140)	1:47:A:ALA:H	1:134:A:VAL:HG22	12	0.51
(15,2140)	1:47:A:ALA:H	1:134:A:VAL:HG23	12	0.51
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD11	1	0.51
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD12	1	0.51
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD13	1	0.51
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD21	1	0.51
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD22	1	0.51
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD23	1	0.51
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD11	11	0.51
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD12	11	0.51
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD13	11	0.51
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD21	11	0.51
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD22	11	0.51
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD23	11	0.51
(15,1812)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	1	0.51
(15,1751)	1:57:A:LEU:HG	1:60:A:LEU:HG	6	0.51
(15,1727)	1:105:A:LYS:HG3	1:106:A:ASP:HA	12	0.51
(15,1577)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	13	0.51
(15,1577)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	13	0.51
(15,1577)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	13	0.51
(15,1417)	1:70:A:LYS:HA	1:73:A:ILE:HG21	5	0.51
(15,1417)	1:70:A:LYS:HA	1:73:A:ILE:HG22	5	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1417)	1:70:A:LYS:HA	1:73:A:ILE:HG23	5	0.51
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD11	3	0.51
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD12	3	0.51
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD13	3	0.51
(15,1030)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	3	0.51
(15,1030)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	7	0.51
(15,920)	1:125:A:THR:HB	1:128:A:LEU:HG	18	0.51
(15,842)	1:45:A:ALA:H	1:48:A:ARG:HD2	6	0.51
(15,842)	1:45:A:ALA:H	1:48:A:ARG:HD3	6	0.51
(15,836)	1:110:A:MET:HG2	1:114:A:ILE:HD11	19	0.51
(15,836)	1:110:A:MET:HG2	1:114:A:ILE:HD12	19	0.51
(15,836)	1:110:A:MET:HG2	1:114:A:ILE:HD13	19	0.51
(15,836)	1:110:A:MET:HG3	1:114:A:ILE:HD11	19	0.51
(15,836)	1:110:A:MET:HG3	1:114:A:ILE:HD12	19	0.51
(15,836)	1:110:A:MET:HG3	1:114:A:ILE:HD13	19	0.51
(15,760)	1:141:A:LYS:H	1:143:A:TRP:HB2	7	0.51
(15,756)	1:38:A:GLU:H	1:41:A:LYS:HG2	19	0.51
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	14	0.51
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	14	0.51
(15,699)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	14	0.51
(15,399)	1:105:A:LYS:HG3	1:106:A:ASP:H	10	0.51
(15,356)	1:104:A:PHE:H	1:104:A:PHE:HD1	7	0.51
(15,356)	1:104:A:PHE:H	1:104:A:PHE:HD2	7	0.51
(15,356)	1:104:A:PHE:H	1:104:A:PHE:HD1	9	0.51
(15,356)	1:104:A:PHE:H	1:104:A:PHE:HD2	9	0.51
(15,349)	1:66:A:THR:H	1:96:A:VAL:HB	18	0.51
(15,241)	1:50:A:ALA:H	1:52:A:CYS:H	14	0.51
(15,180)	1:8:A:ASP:H	1:58:A:ILE:HG13	6	0.51
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG11	2	0.51
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG12	2	0.51
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG13	2	0.51
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG21	2	0.51
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG22	2	0.51
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG23	2	0.51
(13,2062)	1:39:A:VAL:HG11	1:43:A:MET:HG2	9	0.51
(13,2062)	1:39:A:VAL:HG12	1:43:A:MET:HG2	9	0.51
(13,2062)	1:39:A:VAL:HG13	1:43:A:MET:HG2	9	0.51
(13,2062)	1:39:A:VAL:HG21	1:43:A:MET:HG2	9	0.51
(13,2062)	1:39:A:VAL:HG22	1:43:A:MET:HG2	9	0.51
(13,2062)	1:39:A:VAL:HG23	1:43:A:MET:HG2	9	0.51
(13,2062)	1:39:A:VAL:HG11	1:43:A:MET:HG3	9	0.51
(13,2062)	1:39:A:VAL:HG12	1:43:A:MET:HG3	9	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2062)	1:39:A:VAL:HG13	1:43:A:MET:HG3	9	0.51
(13,2062)	1:39:A:VAL:HG21	1:43:A:MET:HG3	9	0.51
(13,2062)	1:39:A:VAL:HG22	1:43:A:MET:HG3	9	0.51
(13,2062)	1:39:A:VAL:HG23	1:43:A:MET:HG3	9	0.51
(13,2062)	1:39:A:VAL:HG11	1:43:A:MET:HG2	14	0.51
(13,2062)	1:39:A:VAL:HG12	1:43:A:MET:HG2	14	0.51
(13,2062)	1:39:A:VAL:HG13	1:43:A:MET:HG2	14	0.51
(13,2062)	1:39:A:VAL:HG21	1:43:A:MET:HG2	14	0.51
(13,2062)	1:39:A:VAL:HG22	1:43:A:MET:HG2	14	0.51
(13,2062)	1:39:A:VAL:HG23	1:43:A:MET:HG2	14	0.51
(13,2062)	1:39:A:VAL:HG11	1:43:A:MET:HG3	14	0.51
(13,2062)	1:39:A:VAL:HG12	1:43:A:MET:HG3	14	0.51
(13,2062)	1:39:A:VAL:HG13	1:43:A:MET:HG3	14	0.51
(13,2062)	1:39:A:VAL:HG21	1:43:A:MET:HG3	14	0.51
(13,2062)	1:39:A:VAL:HG22	1:43:A:MET:HG3	14	0.51
(13,2062)	1:39:A:VAL:HG23	1:43:A:MET:HG3	14	0.51
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD11	18	0.51
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD12	18	0.51
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD13	18	0.51
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD21	18	0.51
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD22	18	0.51
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD23	18	0.51
(13,1891)	1:9:A:PHE:HE1	1:54:A:ARG:HB2	2	0.51
(13,1891)	1:9:A:PHE:HE1	1:54:A:ARG:HB3	2	0.51
(13,1891)	1:9:A:PHE:HE2	1:54:A:ARG:HB2	2	0.51
(13,1891)	1:9:A:PHE:HE2	1:54:A:ARG:HB3	2	0.51
(13,1393)	1:70:A:LYS:HA	1:73:A:ILE:HG21	5	0.51
(13,1393)	1:70:A:LYS:HA	1:73:A:ILE:HG22	5	0.51
(13,1393)	1:70:A:LYS:HA	1:73:A:ILE:HG23	5	0.51
(13,1324)	1:141:A:LYS:HB2	1:149:A:ALA:HA	8	0.51
(13,1324)	1:141:A:LYS:HB3	1:149:A:ALA:HA	8	0.51
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD21	8	0.51
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD22	8	0.51
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD23	8	0.51
(13,1211)	1:21:A:THR:HG21	1:23:A:LEU:HA	6	0.51
(13,1211)	1:21:A:THR:HG22	1:23:A:LEU:HA	6	0.51
(13,1211)	1:21:A:THR:HG23	1:23:A:LEU:HA	6	0.51
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD11	11	0.51
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD12	11	0.51
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD13	11	0.51
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB1	4	0.51
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB2	4	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB3	4	0.51
(13,1022)	1:11:A:ILE:HB	1:44:A:GLU:HB2	11	0.51
(13,1022)	1:11:A:ILE:HB	1:44:A:GLU:HB3	11	0.51
(13,743)	1:141:A:LYS:H	1:143:A:TRP:HB2	7	0.51
(13,739)	1:38:A:GLU:H	1:41:A:LYS:HG2	19	0.51
(13,574)	1:126:A:GLY:H	1:128:A:LEU:HG	5	0.51
(13,492)	1:105:A:LYS:H	1:105:A:LYS:HD2	18	0.51
(13,492)	1:105:A:LYS:H	1:105:A:LYS:HD3	18	0.51
(13,390)	1:105:A:LYS:HD2	1:106:A:ASP:H	14	0.51
(13,390)	1:105:A:LYS:HD3	1:106:A:ASP:H	14	0.51
(13,234)	1:50:A:ALA:H	1:52:A:CYS:H	14	0.51
(13,47)	1:98:A:ILE:H	1:101:A:ILE:HG21	3	0.51
(13,47)	1:98:A:ILE:H	1:101:A:ILE:HG22	3	0.51
(13,47)	1:98:A:ILE:H	1:101:A:ILE:HG23	3	0.51
(11,2218)	1:60:A:LEU:HD11	1:61:A:SER:HB2	6	0.51
(11,2218)	1:60:A:LEU:HD11	1:61:A:SER:HB3	6	0.51
(11,2218)	1:60:A:LEU:HD12	1:61:A:SER:HB2	6	0.51
(11,2218)	1:60:A:LEU:HD12	1:61:A:SER:HB3	6	0.51
(11,2218)	1:60:A:LEU:HD13	1:61:A:SER:HB2	6	0.51
(11,2218)	1:60:A:LEU:HD13	1:61:A:SER:HB3	6	0.51
(11,2179)	1:46:A:ASN:HD21	1:134:A:VAL:HA	7	0.51
(11,2179)	1:46:A:ASN:HD22	1:134:A:VAL:HA	7	0.51
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG11	16	0.51
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG12	16	0.51
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG13	16	0.51
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG21	16	0.51
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG22	16	0.51
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG23	16	0.51
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	18	0.51
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	18	0.51
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	18	0.51
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD21	18	0.51
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD22	18	0.51
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD23	18	0.51
(11,1967)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	4	0.51
(11,1967)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	4	0.51
(11,1967)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	4	0.51
(11,1967)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	4	0.51
(11,1941)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	1	0.51
(11,1941)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	1	0.51
(11,1904)	1:104:A:PHE:HE1	1:113:A:PHE:HA	5	0.51
(11,1904)	1:104:A:PHE:HE2	1:113:A:PHE:HA	5	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1880)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	14	0.51
(11,1880)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	14	0.51
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	9	0.51
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	9	0.51
(11,1763)	1:21:A:THR:HG21	1:23:A:LEU:HD21	7	0.51
(11,1763)	1:21:A:THR:HG21	1:23:A:LEU:HD22	7	0.51
(11,1763)	1:21:A:THR:HG21	1:23:A:LEU:HD23	7	0.51
(11,1763)	1:21:A:THR:HG22	1:23:A:LEU:HD21	7	0.51
(11,1763)	1:21:A:THR:HG22	1:23:A:LEU:HD22	7	0.51
(11,1763)	1:21:A:THR:HG22	1:23:A:LEU:HD23	7	0.51
(11,1763)	1:21:A:THR:HG23	1:23:A:LEU:HD21	7	0.51
(11,1763)	1:21:A:THR:HG23	1:23:A:LEU:HD22	7	0.51
(11,1763)	1:21:A:THR:HG23	1:23:A:LEU:HD23	7	0.51
(11,1635)	1:119:A:LEU:H	1:121:A:VAL:HG11	10	0.51
(11,1635)	1:119:A:LEU:H	1:121:A:VAL:HG12	10	0.51
(11,1635)	1:119:A:LEU:H	1:121:A:VAL:HG13	10	0.51
(11,1597)	1:11:A:ILE:HD11	1:18:A:PHE:HD1	13	0.51
(11,1597)	1:11:A:ILE:HD11	1:18:A:PHE:HD2	13	0.51
(11,1597)	1:11:A:ILE:HD12	1:18:A:PHE:HD1	13	0.51
(11,1597)	1:11:A:ILE:HD12	1:18:A:PHE:HD2	13	0.51
(11,1597)	1:11:A:ILE:HD13	1:18:A:PHE:HD1	13	0.51
(11,1597)	1:11:A:ILE:HD13	1:18:A:PHE:HD2	13	0.51
(11,1479)	1:13:A:ALA:HB1	1:79:A:THR:HB	4	0.51
(11,1479)	1:13:A:ALA:HB2	1:79:A:THR:HB	4	0.51
(11,1479)	1:13:A:ALA:HB3	1:79:A:THR:HB	4	0.51
(11,1384)	1:39:A:VAL:HG11	1:144:A:LEU:H	19	0.51
(11,1384)	1:39:A:VAL:HG12	1:144:A:LEU:H	19	0.51
(11,1384)	1:39:A:VAL:HG13	1:144:A:LEU:H	19	0.51
(11,1252)	1:21:A:THR:HG21	1:23:A:LEU:HA	6	0.51
(11,1252)	1:21:A:THR:HG22	1:23:A:LEU:HA	6	0.51
(11,1252)	1:21:A:THR:HG23	1:23:A:LEU:HA	6	0.51
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD11	11	0.51
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD12	11	0.51
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD13	11	0.51
(11,921)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	16	0.51
(11,921)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	16	0.51
(11,921)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	16	0.51
(11,839)	1:45:A:ALA:H	1:48:A:ARG:HD2	6	0.51
(11,839)	1:45:A:ALA:H	1:48:A:ARG:HD3	6	0.51
(11,830)	1:110:A:MET:HG2	1:114:A:ILE:HD11	19	0.51
(11,830)	1:110:A:MET:HG2	1:114:A:ILE:HD12	19	0.51
(11,830)	1:110:A:MET:HG2	1:114:A:ILE:HD13	19	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,830)	1:110:A:MET:HG3	1:114:A:ILE:HD11	19	0.51
(11,830)	1:110:A:MET:HG3	1:114:A:ILE:HD12	19	0.51
(11,830)	1:110:A:MET:HG3	1:114:A:ILE:HD13	19	0.51
(11,753)	1:38:A:GLU:H	1:41:A:LYS:HG2	19	0.51
(11,583)	1:128:A:LEU:HD11	1:130:A:GLY:H	4	0.51
(11,583)	1:128:A:LEU:HD12	1:130:A:GLY:H	4	0.51
(11,583)	1:128:A:LEU:HD13	1:130:A:GLY:H	4	0.51
(11,494)	1:97:A:ASP:HB2	1:105:A:LYS:H	1	0.51
(11,494)	1:97:A:ASP:HB3	1:105:A:LYS:H	1	0.51
(11,349)	1:66:A:THR:H	1:96:A:VAL:HB	18	0.51
(11,145)	1:59:A:CYS:H	1:60:A:LEU:HD21	1	0.51
(11,145)	1:59:A:CYS:H	1:60:A:LEU:HD22	1	0.51
(11,145)	1:59:A:CYS:H	1:60:A:LEU:HD23	1	0.51
(11,110)	1:69:A:MET:H	1:73:A:ILE:HD11	7	0.51
(11,110)	1:69:A:MET:H	1:73:A:ILE:HD12	7	0.51
(11,110)	1:69:A:MET:H	1:73:A:ILE:HD13	7	0.51
(11,94)	1:95:A:ILE:HG21	1:97:A:ASP:H	15	0.51
(11,94)	1:95:A:ILE:HG22	1:97:A:ASP:H	15	0.51
(11,94)	1:95:A:ILE:HG23	1:97:A:ASP:H	15	0.51
(9,2413)	1:141:A:LYS:HA	1:148:A:CYS:HB2	8	0.51
(9,2413)	1:141:A:LYS:HA	1:148:A:CYS:HB3	8	0.51
(9,2326)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	17	0.51
(9,2326)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	17	0.51
(9,2326)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	17	0.51
(9,2326)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	17	0.51
(9,2326)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	17	0.51
(9,2326)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	17	0.51
(9,2239)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	3	0.51
(9,2239)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	3	0.51
(9,2239)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	3	0.51
(9,2239)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	3	0.51
(9,2239)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	3	0.51
(9,2239)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	3	0.51
(9,2239)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	3	0.51
(9,2239)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	3	0.51
(9,2239)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	3	0.51
(9,2239)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	3	0.51
(9,2239)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	3	0.51
(9,2239)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	3	0.51
(9,2239)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	3	0.51
(9,2239)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	3	0.51
(9,2239)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	3	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2239)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	3	0.51
(9,2239)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	3	0.51
(9,2239)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	3	0.51
(9,2008)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	13	0.51
(9,2008)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	13	0.51
(9,2008)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	13	0.51
(9,2008)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	13	0.51
(9,2008)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	13	0.51
(9,2008)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	13	0.51
(9,2008)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	13	0.51
(9,2008)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	13	0.51
(9,2008)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	13	0.51
(9,2008)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	13	0.51
(9,2008)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	13	0.51
(9,2008)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	13	0.51
(9,1942)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	4	0.51
(9,1942)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	4	0.51
(9,1942)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	4	0.51
(9,1942)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	4	0.51
(9,1884)	1:104:A:PHE:HE1	1:113:A:PHE:HA	4	0.51
(9,1884)	1:104:A:PHE:HE2	1:113:A:PHE:HA	4	0.51
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB1	7	0.51
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB2	7	0.51
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB3	7	0.51
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB1	7	0.51
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB2	7	0.51
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB3	7	0.51
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE1	9	0.51
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE2	9	0.51
(9,1758)	1:66:A:THR:HG21	1:97:A:ASP:HA	2	0.51
(9,1758)	1:66:A:THR:HG22	1:97:A:ASP:HA	2	0.51
(9,1758)	1:66:A:THR:HG23	1:97:A:ASP:HA	2	0.51
(9,1757)	1:57:A:LEU:HG	1:60:A:LEU:HG	6	0.51
(9,1596)	1:119:A:LEU:H	1:121:A:VAL:HG11	10	0.51
(9,1596)	1:119:A:LEU:H	1:121:A:VAL:HG12	10	0.51
(9,1596)	1:119:A:LEU:H	1:121:A:VAL:HG13	10	0.51
(9,1470)	1:95:A:ILE:HG21	1:97:A:ASP:H	3	0.51
(9,1470)	1:95:A:ILE:HG22	1:97:A:ASP:H	3	0.51
(9,1470)	1:95:A:ILE:HG23	1:97:A:ASP:H	3	0.51
(9,1413)	1:70:A:LYS:HA	1:73:A:ILE:HG21	5	0.51
(9,1413)	1:70:A:LYS:HA	1:73:A:ILE:HG22	5	0.51
(9,1413)	1:70:A:LYS:HA	1:73:A:ILE:HG23	5	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1398)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	7	0.51
(9,1398)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	7	0.51
(9,1398)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	7	0.51
(9,1255)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	13	0.51
(9,1255)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	13	0.51
(9,1255)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	13	0.51
(9,890)	1:73:A:ILE:HB	1:76:A:ARG:HA	16	0.51
(9,780)	1:11:A:ILE:HD11	1:52:A:CYS:HB2	4	0.51
(9,780)	1:11:A:ILE:HD11	1:52:A:CYS:HB3	4	0.51
(9,780)	1:11:A:ILE:HD12	1:52:A:CYS:HB2	4	0.51
(9,780)	1:11:A:ILE:HD12	1:52:A:CYS:HB3	4	0.51
(9,780)	1:11:A:ILE:HD13	1:52:A:CYS:HB2	4	0.51
(9,780)	1:11:A:ILE:HD13	1:52:A:CYS:HB3	4	0.51
(9,757)	1:37:A:LEU:H	1:40:A:LEU:HB3	9	0.51
(9,752)	1:38:A:GLU:H	1:41:A:LYS:HG2	19	0.51
(9,440)	1:68:A:LYS:H	1:68:A:LYS:HE2	2	0.51
(9,440)	1:68:A:LYS:H	1:68:A:LYS:HE3	2	0.51
(9,408)	1:105:A:LYS:HG3	1:106:A:ASP:H	10	0.51
(9,333)	1:46:A:ASN:H	1:48:A:ARG:HB2	15	0.51
(9,333)	1:46:A:ASN:H	1:48:A:ARG:HB3	15	0.51
(9,177)	1:8:A:ASP:H	1:58:A:ILE:HG13	6	0.51
(9,143)	1:59:A:CYS:H	1:60:A:LEU:HD21	1	0.51
(9,143)	1:59:A:CYS:H	1:60:A:LEU:HD22	1	0.51
(9,143)	1:59:A:CYS:H	1:60:A:LEU:HD23	1	0.51
(7,2057)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	3	0.51
(7,2057)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	3	0.51
(7,2057)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	3	0.51
(7,2057)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	3	0.51
(7,2057)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	3	0.51
(7,2057)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	3	0.51
(7,1826)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	1	0.51
(7,1727)	1:57:A:LEU:HG	1:60:A:LEU:HG	6	0.51
(7,1685)	1:79:A:THR:HG21	1:81:A:GLU:HB3	3	0.51
(7,1685)	1:79:A:THR:HG22	1:81:A:GLU:HB3	3	0.51
(7,1685)	1:79:A:THR:HG23	1:81:A:GLU:HB3	3	0.51
(7,1625)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	12	0.51
(7,1625)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	12	0.51
(7,1625)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	12	0.51
(7,1625)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	12	0.51
(7,1625)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	12	0.51
(7,1625)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	12	0.51
(7,1625)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	12	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1625)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	12	0.51
(7,1625)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	12	0.51
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	8	0.51
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	8	0.51
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	8	0.51
(7,1574)	1:119:A:LEU:H	1:121:A:VAL:HG11	10	0.51
(7,1574)	1:119:A:LEU:H	1:121:A:VAL:HG12	10	0.51
(7,1574)	1:119:A:LEU:H	1:121:A:VAL:HG13	10	0.51
(7,1554)	1:101:A:ILE:HD11	1:112:A:GLN:HA	14	0.51
(7,1554)	1:101:A:ILE:HD12	1:112:A:GLN:HA	14	0.51
(7,1554)	1:101:A:ILE:HD13	1:112:A:GLN:HA	14	0.51
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD11	19	0.51
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD12	19	0.51
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD13	19	0.51
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE1	2	0.51
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE2	2	0.51
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE3	2	0.51
(7,1402)	1:70:A:LYS:HA	1:73:A:ILE:HG21	5	0.51
(7,1402)	1:70:A:LYS:HA	1:73:A:ILE:HG22	5	0.51
(7,1402)	1:70:A:LYS:HA	1:73:A:ILE:HG23	5	0.51
(7,1348)	1:39:A:VAL:HG11	1:144:A:LEU:H	19	0.51
(7,1348)	1:39:A:VAL:HG12	1:144:A:LEU:H	19	0.51
(7,1348)	1:39:A:VAL:HG13	1:144:A:LEU:H	19	0.51
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD11	10	0.51
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD12	10	0.51
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD13	10	0.51
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD11	10	0.51
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD12	10	0.51
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD13	10	0.51
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD11	10	0.51
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD12	10	0.51
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD13	10	0.51
(7,1213)	1:21:A:THR:HG21	1:23:A:LEU:HA	6	0.51
(7,1213)	1:21:A:THR:HG22	1:23:A:LEU:HA	6	0.51
(7,1213)	1:21:A:THR:HG23	1:23:A:LEU:HA	6	0.51
(7,1133)	1:13:A:ALA:HB1	1:80:A:TYR:HA	2	0.51
(7,1133)	1:13:A:ALA:HB2	1:80:A:TYR:HA	2	0.51
(7,1133)	1:13:A:ALA:HB3	1:80:A:TYR:HA	2	0.51
(7,952)	1:43:A:MET:HB2	1:140:A:LEU:HD11	2	0.51
(7,952)	1:43:A:MET:HB2	1:140:A:LEU:HD12	2	0.51
(7,952)	1:43:A:MET:HB2	1:140:A:LEU:HD13	2	0.51
(7,934)	1:11:A:ILE:HD11	1:12:A:VAL:HA	7	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,934)	1:11:A:ILE:HD12	1:12:A:VAL:HA	7	0.51
(7,934)	1:11:A:ILE:HD13	1:12:A:VAL:HA	7	0.51
(7,916)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	3	0.51
(7,916)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	3	0.51
(7,857)	1:56:A:CYS:H	1:122:A:ASP:HB3	4	0.51
(7,776)	1:63:A:ILE:HD11	1:64:A:LYS:H	7	0.51
(7,776)	1:63:A:ILE:HD12	1:64:A:LYS:H	7	0.51
(7,776)	1:63:A:ILE:HD13	1:64:A:LYS:H	7	0.51
(7,749)	1:141:A:LYS:H	1:143:A:TRP:HB2	7	0.51
(7,745)	1:38:A:GLU:H	1:41:A:LYS:HG2	19	0.51
(7,496)	1:97:A:ASP:HB2	1:105:A:LYS:H	1	0.51
(7,496)	1:97:A:ASP:HB3	1:105:A:LYS:H	1	0.51
(7,344)	1:66:A:THR:H	1:96:A:VAL:HB	18	0.51
(7,292)	1:121:A:VAL:H	1:123:A:CYS:H	7	0.51
(7,49)	1:98:A:ILE:H	1:101:A:ILE:HG21	3	0.51
(7,49)	1:98:A:ILE:H	1:101:A:ILE:HG22	3	0.51
(7,49)	1:98:A:ILE:H	1:101:A:ILE:HG23	3	0.51
(7,44)	1:44:A:GLU:HG2	1:47:A:ALA:H	18	0.51
(6,2410)	1:129:A:LYS:HG2	1:130:A:GLY:H	1	0.51
(6,2410)	1:129:A:LYS:HG3	1:130:A:GLY:H	1	0.51
(6,2362)	1:115:A:ALA:H	1:116:A:GLN:HE21	8	0.51
(6,2362)	1:115:A:ALA:H	1:116:A:GLN:HE22	8	0.51
(6,2252)	1:69:A:MET:HE1	1:116:A:GLN:HE21	6	0.51
(6,2252)	1:69:A:MET:HE1	1:116:A:GLN:HE22	6	0.51
(6,2252)	1:69:A:MET:HE2	1:116:A:GLN:HE21	6	0.51
(6,2252)	1:69:A:MET:HE2	1:116:A:GLN:HE22	6	0.51
(6,2252)	1:69:A:MET:HE3	1:116:A:GLN:HE21	6	0.51
(6,2252)	1:69:A:MET:HE3	1:116:A:GLN:HE22	6	0.51
(6,2208)	1:60:A:LEU:HB3	1:120:A:CYS:HB2	18	0.51
(6,2208)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	18	0.51
(6,2152)	1:44:A:GLU:H	1:140:A:LEU:HD11	9	0.51
(6,2152)	1:44:A:GLU:H	1:140:A:LEU:HD12	9	0.51
(6,2152)	1:44:A:GLU:H	1:140:A:LEU:HD13	9	0.51
(6,2152)	1:44:A:GLU:H	1:140:A:LEU:HD21	9	0.51
(6,2152)	1:44:A:GLU:H	1:140:A:LEU:HD22	9	0.51
(6,2152)	1:44:A:GLU:H	1:140:A:LEU:HD23	9	0.51
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB1	7	0.51
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB2	7	0.51
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB3	7	0.51
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB1	7	0.51
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB2	7	0.51
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB3	7	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1824)	1:18:A:PHE:HE1	1:131:A:LEU:HB2	16	0.51
(6,1824)	1:18:A:PHE:HE2	1:131:A:LEU:HB2	16	0.51
(6,1770)	1:66:A:THR:HG21	1:97:A:ASP:HA	2	0.51
(6,1770)	1:66:A:THR:HG22	1:97:A:ASP:HA	2	0.51
(6,1770)	1:66:A:THR:HG23	1:97:A:ASP:HA	2	0.51
(6,1754)	1:36:A:PRO:HA	1:37:A:LEU:HD21	14	0.51
(6,1754)	1:36:A:PRO:HA	1:37:A:LEU:HD22	14	0.51
(6,1754)	1:36:A:PRO:HA	1:37:A:LEU:HD23	14	0.51
(6,1744)	1:105:A:LYS:HG3	1:106:A:ASP:HA	12	0.51
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	5	0.51
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	5	0.51
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	5	0.51
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	5	0.51
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	5	0.51
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	5	0.51
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	5	0.51
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	5	0.51
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	5	0.51
(6,1414)	1:70:A:LYS:HA	1:73:A:ILE:HG21	5	0.51
(6,1414)	1:70:A:LYS:HA	1:73:A:ILE:HG22	5	0.51
(6,1414)	1:70:A:LYS:HA	1:73:A:ILE:HG23	5	0.51
(6,1289)	1:14:A:VAL:HG11	1:61:A:SER:HA	1	0.51
(6,1289)	1:14:A:VAL:HG12	1:61:A:SER:HA	1	0.51
(6,1289)	1:14:A:VAL:HG13	1:61:A:SER:HA	1	0.51
(6,1229)	1:21:A:THR:HG21	1:23:A:LEU:HA	6	0.51
(6,1229)	1:21:A:THR:HG22	1:23:A:LEU:HA	6	0.51
(6,1229)	1:21:A:THR:HG23	1:23:A:LEU:HA	6	0.51
(6,749)	1:141:A:LYS:H	1:143:A:TRP:HB2	7	0.51
(6,745)	1:38:A:GLU:H	1:41:A:LYS:HG2	19	0.51
(6,491)	1:97:A:ASP:HB2	1:105:A:LYS:H	1	0.51
(6,491)	1:97:A:ASP:HB3	1:105:A:LYS:H	1	0.51
(6,430)	1:68:A:LYS:H	1:68:A:LYS:HE2	2	0.51
(6,430)	1:68:A:LYS:H	1:68:A:LYS:HE3	2	0.51
(6,394)	1:105:A:LYS:HG3	1:106:A:ASP:H	10	0.51
(6,173)	1:8:A:ASP:H	1:58:A:ILE:HG13	6	0.51
(6,149)	1:131:A:LEU:H	1:131:A:LEU:HG	7	0.51
(6,142)	1:59:A:CYS:H	1:60:A:LEU:HD21	1	0.51
(6,142)	1:59:A:CYS:H	1:60:A:LEU:HD22	1	0.51
(6,142)	1:59:A:CYS:H	1:60:A:LEU:HD23	1	0.51
(6,131)	1:11:A:ILE:HG13	1:12:A:VAL:H	6	0.51
(6,50)	1:98:A:ILE:H	1:101:A:ILE:HG21	3	0.51
(6,50)	1:98:A:ILE:H	1:101:A:ILE:HG22	3	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,50)	1:98:A:ILE:H	1:101:A:ILE:HG23	3	0.51
(6,38)	1:98:A:ILE:H	1:105:A:LYS:HA	12	0.51
(5,2479)	1:146:A:GLN:HG2	1:148:A:CYS:H	1	0.51
(5,2479)	1:146:A:GLN:HG3	1:148:A:CYS:H	1	0.51
(5,2162)	1:46:A:ASN:HD21	1:134:A:VAL:HA	7	0.51
(5,2162)	1:46:A:ASN:HD22	1:134:A:VAL:HA	7	0.51
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD11	4	0.51
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD12	4	0.51
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD13	4	0.51
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD21	4	0.51
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD22	4	0.51
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD23	4	0.51
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD11	1	0.51
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD12	1	0.51
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD13	1	0.51
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD21	1	0.51
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD22	1	0.51
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD23	1	0.51
(5,2075)	1:37:A:LEU:H	1:40:A:LEU:HB2	17	0.51
(5,2075)	1:37:A:LEU:H	1:40:A:LEU:HB3	17	0.51
(5,1885)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	14	0.51
(5,1885)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	14	0.51
(5,1825)	1:9:A:PHE:HD1	1:14:A:VAL:HB	8	0.51
(5,1825)	1:9:A:PHE:HD2	1:14:A:VAL:HB	8	0.51
(5,1789)	1:57:A:LEU:HG	1:60:A:LEU:HG	6	0.51
(5,1786)	1:141:A:LYS:HA	1:148:A:CYS:H	8	0.51
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	12	0.51
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	12	0.51
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	12	0.51
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	12	0.51
(5,1548)	1:69:A:MET:HE1	1:112:A:GLN:HG2	13	0.51
(5,1548)	1:69:A:MET:HE1	1:112:A:GLN:HG3	13	0.51
(5,1548)	1:69:A:MET:HE2	1:112:A:GLN:HG2	13	0.51
(5,1548)	1:69:A:MET:HE2	1:112:A:GLN:HG3	13	0.51
(5,1548)	1:69:A:MET:HE3	1:112:A:GLN:HG2	13	0.51
(5,1548)	1:69:A:MET:HE3	1:112:A:GLN:HG3	13	0.51
(5,1437)	1:70:A:LYS:HA	1:73:A:ILE:HG21	5	0.51
(5,1437)	1:70:A:LYS:HA	1:73:A:ILE:HG22	5	0.51
(5,1437)	1:70:A:LYS:HA	1:73:A:ILE:HG23	5	0.51
(5,1381)	1:39:A:VAL:HG11	1:144:A:LEU:H	19	0.51
(5,1381)	1:39:A:VAL:HG12	1:144:A:LEU:H	19	0.51
(5,1381)	1:39:A:VAL:HG13	1:144:A:LEU:H	19	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1300)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	11	0.51
(5,1300)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	11	0.51
(5,1300)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	11	0.51
(5,1206)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	5	0.51
(5,1206)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	5	0.51
(5,1206)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	5	0.51
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD11	3	0.51
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD12	3	0.51
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD13	3	0.51
(5,990)	1:12:A:VAL:HB	1:43:A:MET:HE1	19	0.51
(5,990)	1:12:A:VAL:HB	1:43:A:MET:HE2	19	0.51
(5,990)	1:12:A:VAL:HB	1:43:A:MET:HE3	19	0.51
(5,873)	1:123:A:CYS:HB3	1:128:A:LEU:HD11	16	0.51
(5,873)	1:123:A:CYS:HB3	1:128:A:LEU:HD12	16	0.51
(5,873)	1:123:A:CYS:HB3	1:128:A:LEU:HD13	16	0.51
(5,839)	1:45:A:ALA:H	1:48:A:ARG:HD2	6	0.51
(5,839)	1:45:A:ALA:H	1:48:A:ARG:HD3	6	0.51
(5,750)	1:38:A:GLU:H	1:41:A:LYS:HG2	19	0.51
(5,387)	1:105:A:LYS:HD2	1:106:A:ASP:H	14	0.51
(5,387)	1:105:A:LYS:HD3	1:106:A:ASP:H	14	0.51
(5,320)	1:140:A:LEU:H	1:140:A:LEU:HG	18	0.51
(5,315)	1:46:A:ASN:H	1:48:A:ARG:HB2	15	0.51
(5,315)	1:46:A:ASN:H	1:48:A:ARG:HB3	15	0.51
(5,183)	1:44:A:GLU:H	1:44:A:GLU:HG2	11	0.51
(5,144)	1:131:A:LEU:H	1:131:A:LEU:HG	7	0.51
(5,49)	1:98:A:ILE:H	1:101:A:ILE:HG21	3	0.51
(5,49)	1:98:A:ILE:H	1:101:A:ILE:HG22	3	0.51
(5,49)	1:98:A:ILE:H	1:101:A:ILE:HG23	3	0.51
(5,39)	1:43:A:MET:HA	1:47:A:ALA:H	5	0.51
(5,39)	1:43:A:MET:HA	1:47:A:ALA:H	16	0.51
(4,2429)	1:134:A:VAL:HG11	1:137:A:SER:HB2	18	0.51
(4,2429)	1:134:A:VAL:HG11	1:137:A:SER:HB3	18	0.51
(4,2429)	1:134:A:VAL:HG12	1:137:A:SER:HB2	18	0.51
(4,2429)	1:134:A:VAL:HG12	1:137:A:SER:HB3	18	0.51
(4,2429)	1:134:A:VAL:HG13	1:137:A:SER:HB2	18	0.51
(4,2429)	1:134:A:VAL:HG13	1:137:A:SER:HB3	18	0.51
(4,2429)	1:134:A:VAL:HG21	1:137:A:SER:HB2	18	0.51
(4,2429)	1:134:A:VAL:HG21	1:137:A:SER:HB3	18	0.51
(4,2429)	1:134:A:VAL:HG22	1:137:A:SER:HB2	18	0.51
(4,2429)	1:134:A:VAL:HG22	1:137:A:SER:HB3	18	0.51
(4,2429)	1:134:A:VAL:HG23	1:137:A:SER:HB2	18	0.51
(4,2429)	1:134:A:VAL:HG23	1:137:A:SER:HB3	18	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2363)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	6	0.51
(4,2363)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	6	0.51
(4,2363)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	6	0.51
(4,2363)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	6	0.51
(4,2363)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	6	0.51
(4,2363)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	6	0.51
(4,2363)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	6	0.51
(4,2363)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	6	0.51
(4,2363)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	6	0.51
(4,2363)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	6	0.51
(4,2363)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	6	0.51
(4,2363)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	6	0.51
(4,2363)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	6	0.51
(4,2363)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	6	0.51
(4,2363)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	6	0.51
(4,2363)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	6	0.51
(4,2363)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	6	0.51
(4,2363)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	6	0.51
(4,2328)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	17	0.51
(4,2328)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	17	0.51
(4,2328)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	17	0.51
(4,2328)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	17	0.51
(4,2328)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	17	0.51
(4,2328)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	17	0.51
(4,2328)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	17	0.51
(4,2328)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	17	0.51
(4,2328)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	17	0.51
(4,2328)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	17	0.51
(4,2328)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	17	0.51
(4,2328)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	17	0.51
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD11	6	0.51
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD12	6	0.51
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD13	6	0.51
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD21	6	0.51
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD22	6	0.51
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD23	6	0.51
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	16	0.51
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	16	0.51
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	16	0.51
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	16	0.51
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	16	0.51
(4,2021)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	16	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD11	8	0.51
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD12	8	0.51
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD13	8	0.51
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD21	8	0.51
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD22	8	0.51
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD23	8	0.51
(4,1946)	1:11:A:ILE:HG12	1:57:A:LEU:HD11	18	0.51
(4,1946)	1:11:A:ILE:HG12	1:57:A:LEU:HD12	18	0.51
(4,1946)	1:11:A:ILE:HG12	1:57:A:LEU:HD13	18	0.51
(4,1946)	1:11:A:ILE:HG12	1:57:A:LEU:HD21	18	0.51
(4,1946)	1:11:A:ILE:HG12	1:57:A:LEU:HD22	18	0.51
(4,1946)	1:11:A:ILE:HG12	1:57:A:LEU:HD23	18	0.51
(4,1946)	1:11:A:ILE:HG13	1:57:A:LEU:HD11	18	0.51
(4,1946)	1:11:A:ILE:HG13	1:57:A:LEU:HD12	18	0.51
(4,1946)	1:11:A:ILE:HG13	1:57:A:LEU:HD13	18	0.51
(4,1946)	1:11:A:ILE:HG13	1:57:A:LEU:HD21	18	0.51
(4,1946)	1:11:A:ILE:HG13	1:57:A:LEU:HD22	18	0.51
(4,1946)	1:11:A:ILE:HG13	1:57:A:LEU:HD23	18	0.51
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	4	0.51
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	4	0.51
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	4	0.51
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD21	4	0.51
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD22	4	0.51
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD23	4	0.51
(4,1868)	1:18:A:PHE:HE1	1:117:A:VAL:HA	10	0.51
(4,1868)	1:18:A:PHE:HE2	1:117:A:VAL:HA	10	0.51
(4,1866)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	13	0.51
(4,1866)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	13	0.51
(4,1866)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	13	0.51
(4,1854)	1:14:A:VAL:HA	1:18:A:PHE:HD1	11	0.51
(4,1854)	1:14:A:VAL:HA	1:18:A:PHE:HD2	11	0.51
(4,1833)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	1	0.51
(4,1826)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	13	0.51
(4,1826)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	13	0.51
(4,1826)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	13	0.51
(4,1826)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	13	0.51
(4,1826)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	13	0.51
(4,1826)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	13	0.51
(4,1582)	1:119:A:LEU:H	1:121:A:VAL:HG11	10	0.51
(4,1582)	1:119:A:LEU:H	1:121:A:VAL:HG12	10	0.51
(4,1582)	1:119:A:LEU:H	1:121:A:VAL:HG13	10	0.51
(4,1554)	1:61:A:SER:HA	1:63:A:ILE:HD11	17	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1554)	1:61:A:SER:HA	1:63:A:ILE:HD12	17	0.51
(4,1554)	1:61:A:SER:HA	1:63:A:ILE:HD13	17	0.51
(4,1515)	1:69:A:MET:HE1	1:76:A:ARG:HG2	3	0.51
(4,1515)	1:69:A:MET:HE1	1:76:A:ARG:HG3	3	0.51
(4,1515)	1:69:A:MET:HE2	1:76:A:ARG:HG2	3	0.51
(4,1515)	1:69:A:MET:HE2	1:76:A:ARG:HG3	3	0.51
(4,1515)	1:69:A:MET:HE3	1:76:A:ARG:HG2	3	0.51
(4,1515)	1:69:A:MET:HE3	1:76:A:ARG:HG3	3	0.51
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE1	12	0.51
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE2	12	0.51
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE3	12	0.51
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	2	0.51
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	2	0.51
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	2	0.51
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	2	0.51
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	2	0.51
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	2	0.51
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	3	0.51
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	3	0.51
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	3	0.51
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	3	0.51
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	3	0.51
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	3	0.51
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	18	0.51
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	18	0.51
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	18	0.51
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	18	0.51
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	18	0.51
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	18	0.51
(4,1441)	1:13:A:ALA:HB1	1:79:A:THR:HB	4	0.51
(4,1441)	1:13:A:ALA:HB2	1:79:A:THR:HB	4	0.51
(4,1441)	1:13:A:ALA:HB3	1:79:A:THR:HB	4	0.51
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD21	8	0.51
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD22	8	0.51
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD23	8	0.51
(4,1212)	1:21:A:THR:HG21	1:23:A:LEU:HA	6	0.51
(4,1212)	1:21:A:THR:HG22	1:23:A:LEU:HA	6	0.51
(4,1212)	1:21:A:THR:HG23	1:23:A:LEU:HA	6	0.51
(4,1202)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	7	0.51
(4,1202)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	7	0.51
(4,1202)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	7	0.51
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB1	4	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB2	4	0.51
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB3	4	0.51
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	18	0.51
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	18	0.51
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	18	0.51
(4,742)	1:38:A:GLU:H	1:41:A:LYS:HG2	19	0.51
(4,334)	1:66:A:THR:H	1:96:A:VAL:HB	18	0.51
(4,230)	1:40:A:LEU:HD21	1:44:A:GLU:H	11	0.51
(4,230)	1:40:A:LEU:HD22	1:44:A:GLU:H	11	0.51
(4,230)	1:40:A:LEU:HD23	1:44:A:GLU:H	11	0.51
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB2	12	0.51
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB3	12	0.51
(4,55)	1:98:A:ILE:H	1:101:A:ILE:HG21	3	0.51
(4,55)	1:98:A:ILE:H	1:101:A:ILE:HG22	3	0.51
(4,55)	1:98:A:ILE:H	1:101:A:ILE:HG23	3	0.51
(4,50)	1:44:A:GLU:HG2	1:47:A:ALA:H	18	0.51
(3,2465)	1:134:A:VAL:HG11	1:137:A:SER:H	16	0.51
(3,2465)	1:134:A:VAL:HG12	1:137:A:SER:H	16	0.51
(3,2465)	1:134:A:VAL:HG13	1:137:A:SER:H	16	0.51
(3,2465)	1:134:A:VAL:HG21	1:137:A:SER:H	16	0.51
(3,2465)	1:134:A:VAL:HG22	1:137:A:SER:H	16	0.51
(3,2465)	1:134:A:VAL:HG23	1:137:A:SER:H	16	0.51
(3,2318)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	1	0.51
(3,2318)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	1	0.51
(3,2318)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	1	0.51
(3,2318)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	1	0.51
(3,2318)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	1	0.51
(3,2318)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	1	0.51
(3,2318)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	1	0.51
(3,2318)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	1	0.51
(3,2318)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	1	0.51
(3,2318)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	1	0.51
(3,2318)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	1	0.51
(3,2318)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	1	0.51
(3,2318)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	1	0.51
(3,2318)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	1	0.51
(3,2318)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	1	0.51
(3,2318)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	1	0.51
(3,2318)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	1	0.51
(3,2318)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	1	0.51
(3,2233)	1:60:A:LEU:HD11	1:123:A:CYS:H	7	0.51
(3,2233)	1:60:A:LEU:HD12	1:123:A:CYS:H	7	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2233)	1:60:A:LEU:HD13	1:123:A:CYS:H	7	0.51
(3,2233)	1:60:A:LEU:HD21	1:123:A:CYS:H	7	0.51
(3,2233)	1:60:A:LEU:HD22	1:123:A:CYS:H	7	0.51
(3,2233)	1:60:A:LEU:HD23	1:123:A:CYS:H	7	0.51
(3,2230)	1:60:A:LEU:HD11	1:120:A:CYS:HA	7	0.51
(3,2230)	1:60:A:LEU:HD12	1:120:A:CYS:HA	7	0.51
(3,2230)	1:60:A:LEU:HD13	1:120:A:CYS:HA	7	0.51
(3,2230)	1:60:A:LEU:HD21	1:120:A:CYS:HA	7	0.51
(3,2230)	1:60:A:LEU:HD22	1:120:A:CYS:HA	7	0.51
(3,2230)	1:60:A:LEU:HD23	1:120:A:CYS:HA	7	0.51
(3,2230)	1:60:A:LEU:HD11	1:120:A:CYS:HA	15	0.51
(3,2230)	1:60:A:LEU:HD12	1:120:A:CYS:HA	15	0.51
(3,2230)	1:60:A:LEU:HD13	1:120:A:CYS:HA	15	0.51
(3,2230)	1:60:A:LEU:HD21	1:120:A:CYS:HA	15	0.51
(3,2230)	1:60:A:LEU:HD22	1:120:A:CYS:HA	15	0.51
(3,2230)	1:60:A:LEU:HD23	1:120:A:CYS:HA	15	0.51
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD11	13	0.51
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD12	13	0.51
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD13	13	0.51
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD21	13	0.51
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD22	13	0.51
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD23	13	0.51
(3,2110)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	1	0.51
(3,2110)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	1	0.51
(3,2110)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	1	0.51
(3,2110)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	1	0.51
(3,2110)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	1	0.51
(3,2110)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	1	0.51
(3,2026)	1:14:A:VAL:HG11	1:62:A:HIS:H	7	0.51
(3,2026)	1:14:A:VAL:HG12	1:62:A:HIS:H	7	0.51
(3,2026)	1:14:A:VAL:HG13	1:62:A:HIS:H	7	0.51
(3,2026)	1:14:A:VAL:HG21	1:62:A:HIS:H	7	0.51
(3,2026)	1:14:A:VAL:HG22	1:62:A:HIS:H	7	0.51
(3,2026)	1:14:A:VAL:HG23	1:62:A:HIS:H	7	0.51
(3,1994)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	3	0.51
(3,1994)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	3	0.51
(3,1994)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	3	0.51
(3,1994)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	3	0.51
(3,1994)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	3	0.51
(3,1994)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	3	0.51
(3,1994)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	3	0.51
(3,1994)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	3	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1994)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	3	0.51
(3,1994)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	3	0.51
(3,1994)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	3	0.51
(3,1994)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	3	0.51
(3,1994)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	3	0.51
(3,1994)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	3	0.51
(3,1994)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	3	0.51
(3,1994)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	3	0.51
(3,1994)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	3	0.51
(3,1994)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	3	0.51
(3,1975)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	4	0.51
(3,1975)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	4	0.51
(3,1975)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	4	0.51
(3,1975)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	4	0.51
(3,1949)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	1	0.51
(3,1949)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	1	0.51
(3,1886)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	14	0.51
(3,1886)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	14	0.51
(3,1865)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	6	0.51
(3,1865)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	6	0.51
(3,1865)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	6	0.51
(3,1635)	1:119:A:LEU:H	1:121:A:VAL:HG11	10	0.51
(3,1635)	1:119:A:LEU:H	1:121:A:VAL:HG12	10	0.51
(3,1635)	1:119:A:LEU:H	1:121:A:VAL:HG13	10	0.51
(3,1391)	1:39:A:VAL:HG11	1:144:A:LEU:H	19	0.51
(3,1391)	1:39:A:VAL:HG12	1:144:A:LEU:H	19	0.51
(3,1391)	1:39:A:VAL:HG13	1:144:A:LEU:H	19	0.51
(3,1276)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	13	0.51
(3,1276)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	13	0.51
(3,1276)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	13	0.51
(3,1276)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	13	0.51
(3,1276)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	13	0.51
(3,1276)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	13	0.51
(3,1276)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	13	0.51
(3,1276)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	13	0.51
(3,1276)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	13	0.51
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD21	7	0.51
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD22	7	0.51
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD23	7	0.51
(3,1104)	1:48:A:ARG:HG2	1:49:A:LYS:HA	12	0.51
(3,1104)	1:48:A:ARG:HG3	1:49:A:LYS:HA	12	0.51
(3,1006)	1:12:A:VAL:HB	1:43:A:MET:HE1	19	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1006)	1:12:A:VAL:HB	1:43:A:MET:HE2	19	0.51
(3,1006)	1:12:A:VAL:HB	1:43:A:MET:HE3	19	0.51
(3,982)	1:69:A:MET:H	1:109:A:PRO:HB2	10	0.51
(3,982)	1:69:A:MET:H	1:109:A:PRO:HB3	10	0.51
(3,766)	1:38:A:GLU:H	1:41:A:LYS:HG2	19	0.51
(3,729)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	10	0.51
(3,729)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	10	0.51
(3,729)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	10	0.51
(3,586)	1:126:A:GLY:H	1:128:A:LEU:HG	4	0.51
(3,567)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	10	0.51
(3,567)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	10	0.51
(3,567)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	10	0.51
(3,350)	1:73:A:ILE:HD11	1:111:A:GLU:H	2	0.51
(3,350)	1:73:A:ILE:HD12	1:111:A:GLU:H	2	0.51
(3,350)	1:73:A:ILE:HD13	1:111:A:GLU:H	2	0.51
(3,104)	1:69:A:MET:H	1:69:A:MET:HE1	7	0.51
(3,104)	1:69:A:MET:H	1:69:A:MET:HE2	7	0.51
(3,104)	1:69:A:MET:H	1:69:A:MET:HE3	7	0.51
(3,54)	1:98:A:ILE:H	1:101:A:ILE:HG21	3	0.51
(3,54)	1:98:A:ILE:H	1:101:A:ILE:HG22	3	0.51
(3,54)	1:98:A:ILE:H	1:101:A:ILE:HG23	3	0.51
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG11	4	0.51
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG12	4	0.51
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG13	4	0.51
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG21	4	0.51
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG22	4	0.51
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG23	4	0.51
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG11	4	0.51
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG12	4	0.51
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG13	4	0.51
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG21	4	0.51
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG22	4	0.51
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG23	4	0.51
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG11	4	0.51
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG12	4	0.51
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG13	4	0.51
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG21	4	0.51
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG22	4	0.51
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG23	4	0.51
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG11	4	0.51
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG12	4	0.51
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG13	4	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG21	4	0.51
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG22	4	0.51
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG23	4	0.51
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG11	4	0.51
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG12	4	0.51
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG13	4	0.51
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG21	4	0.51
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG22	4	0.51
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG23	4	0.51
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG11	4	0.51
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG12	4	0.51
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG13	4	0.51
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG21	4	0.51
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG22	4	0.51
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG23	4	0.51
(2,2048)	1:18:A:PHE:HZ	1:60:A:LEU:HB2	13	0.51
(2,2048)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	13	0.51
(2,1948)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	3	0.51
(2,1948)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	3	0.51
(2,1884)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	14	0.51
(2,1884)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	14	0.51
(2,1616)	1:119:A:LEU:H	1:121:A:VAL:HG11	10	0.51
(2,1616)	1:119:A:LEU:H	1:121:A:VAL:HG12	10	0.51
(2,1616)	1:119:A:LEU:H	1:121:A:VAL:HG13	10	0.51
(2,1467)	1:13:A:ALA:HB1	1:79:A:THR:HB	4	0.51
(2,1467)	1:13:A:ALA:HB2	1:79:A:THR:HB	4	0.51
(2,1467)	1:13:A:ALA:HB3	1:79:A:THR:HB	4	0.51
(2,1424)	1:70:A:LYS:HA	1:73:A:ILE:HG21	5	0.51
(2,1424)	1:70:A:LYS:HA	1:73:A:ILE:HG22	5	0.51
(2,1424)	1:70:A:LYS:HA	1:73:A:ILE:HG23	5	0.51
(2,1255)	1:23:A:LEU:HA	1:23:A:LEU:HD11	11	0.51
(2,1255)	1:23:A:LEU:HA	1:23:A:LEU:HD12	11	0.51
(2,1255)	1:23:A:LEU:HA	1:23:A:LEU:HD13	11	0.51
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD21	5	0.51
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD22	5	0.51
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD23	5	0.51
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD21	5	0.51
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD22	5	0.51
(2,937)	1:39:A:VAL:HA	1:144:A:LEU:HD23	5	0.51
(2,754)	1:37:A:LEU:H	1:40:A:LEU:HB3	9	0.51
(2,748)	1:38:A:GLU:H	1:41:A:LYS:HG2	19	0.51
(2,343)	1:66:A:THR:H	1:96:A:VAL:HB	18	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,242)	1:23:A:LEU:HD21	1:24:A:ASP:H	12	0.51
(2,242)	1:23:A:LEU:HD22	1:24:A:ASP:H	12	0.51
(2,242)	1:23:A:LEU:HD23	1:24:A:ASP:H	12	0.51
(2,232)	1:40:A:LEU:HD21	1:44:A:GLU:H	11	0.51
(2,232)	1:40:A:LEU:HD22	1:44:A:GLU:H	11	0.51
(2,232)	1:40:A:LEU:HD23	1:44:A:GLU:H	11	0.51
(2,142)	1:59:A:CYS:H	1:60:A:LEU:HD21	1	0.51
(2,142)	1:59:A:CYS:H	1:60:A:LEU:HD22	1	0.51
(2,142)	1:59:A:CYS:H	1:60:A:LEU:HD23	1	0.51
(2,49)	1:98:A:ILE:H	1:101:A:ILE:HG21	3	0.51
(2,49)	1:98:A:ILE:H	1:101:A:ILE:HG22	3	0.51
(2,49)	1:98:A:ILE:H	1:101:A:ILE:HG23	3	0.51
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	1	0.51
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	1	0.51
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	1	0.51
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	1	0.51
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	1	0.51
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	1	0.51
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	1	0.51
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	1	0.51
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	1	0.51
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	1	0.51
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	1	0.51
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	1	0.51
(1,2253)	1:79:A:THR:HG21	1:81:A:GLU:HB2	7	0.51
(1,2253)	1:79:A:THR:HG21	1:81:A:GLU:HB3	7	0.51
(1,2253)	1:79:A:THR:HG22	1:81:A:GLU:HB2	7	0.51
(1,2253)	1:79:A:THR:HG22	1:81:A:GLU:HB3	7	0.51
(1,2253)	1:79:A:THR:HG23	1:81:A:GLU:HB2	7	0.51
(1,2253)	1:79:A:THR:HG23	1:81:A:GLU:HB3	7	0.51
(1,2037)	1:27:A:ARG:HB2	1:27:A:ARG:HE	12	0.51
(1,2037)	1:27:A:ARG:HB3	1:27:A:ARG:HE	12	0.51
(1,2006)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	13	0.51
(1,2006)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	13	0.51
(1,2006)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	13	0.51
(1,2006)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	13	0.51
(1,2006)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	13	0.51
(1,2006)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	13	0.51
(1,1934)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	1	0.51
(1,1934)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	1	0.51
(1,1873)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	14	0.51
(1,1873)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	14	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1856)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	10	0.51
(1,1856)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	10	0.51
(1,1856)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	10	0.51
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	12	0.51
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	12	0.51
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	12	0.51
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	14	0.51
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	14	0.51
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	14	0.51
(1,1753)	1:31:A:PRO:HB2	1:35:A:LEU:HA	4	0.51
(1,1753)	1:31:A:PRO:HB3	1:35:A:LEU:HA	4	0.51
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	18	0.51
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	18	0.51
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	18	0.51
(1,1598)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	8	0.51
(1,1598)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	8	0.51
(1,1598)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	8	0.51
(1,1586)	1:61:A:SER:HA	1:63:A:ILE:HD11	17	0.51
(1,1586)	1:61:A:SER:HA	1:63:A:ILE:HD12	17	0.51
(1,1586)	1:61:A:SER:HA	1:63:A:ILE:HD13	17	0.51
(1,1468)	1:14:A:VAL:HB	1:15:A:ALA:HB1	19	0.51
(1,1468)	1:14:A:VAL:HB	1:15:A:ALA:HB2	19	0.51
(1,1468)	1:14:A:VAL:HB	1:15:A:ALA:HB3	19	0.51
(1,1161)	1:13:A:ALA:HB1	1:80:A:TYR:HA	2	0.51
(1,1161)	1:13:A:ALA:HB2	1:80:A:TYR:HA	2	0.51
(1,1161)	1:13:A:ALA:HB3	1:80:A:TYR:HA	2	0.51
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB1	4	0.51
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB2	4	0.51
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB3	4	0.51
(1,1095)	1:45:A:ALA:HA	1:48:A:ARG:HG2	10	0.51
(1,1095)	1:45:A:ALA:HA	1:48:A:ARG:HG3	10	0.51
(1,968)	1:11:A:ILE:HD11	1:12:A:VAL:HA	7	0.51
(1,968)	1:11:A:ILE:HD12	1:12:A:VAL:HA	7	0.51
(1,968)	1:11:A:ILE:HD13	1:12:A:VAL:HA	7	0.51
(1,940)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	1	0.51
(1,940)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	1	0.51
(1,940)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	1	0.51
(1,905)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	9	0.51
(1,905)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	9	0.51
(1,905)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	9	0.51
(1,772)	1:37:A:LEU:H	1:40:A:LEU:HB3	9	0.51
(1,587)	1:126:A:GLY:H	1:128:A:LEU:HG	4	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,498)	1:97:A:ASP:HB2	1:105:A:LYS:H	1	0.51
(1,498)	1:97:A:ASP:HB3	1:105:A:LYS:H	1	0.51
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD21	8	0.51
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD22	8	0.51
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD23	8	0.51
(1,199)	1:44:A:GLU:H	1:44:A:GLU:HG2	11	0.51
(1,7)	1:39:A:VAL:HG11	1:143:A:TRP:HE1	5	0.51
(1,7)	1:39:A:VAL:HG12	1:143:A:TRP:HE1	5	0.51
(1,7)	1:39:A:VAL:HG13	1:143:A:TRP:HE1	5	0.51
(34,2476)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	13	0.5
(34,2476)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	13	0.5
(34,2476)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	13	0.5
(34,2476)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	13	0.5
(34,2476)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	13	0.5
(34,2476)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	13	0.5
(34,2339)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	19	0.5
(34,2339)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	19	0.5
(34,2339)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	19	0.5
(34,2339)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	19	0.5
(34,2339)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	19	0.5
(34,2339)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	19	0.5
(34,2339)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	19	0.5
(34,2339)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	19	0.5
(34,2339)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	19	0.5
(34,2339)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	19	0.5
(34,2339)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	19	0.5
(34,2339)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	19	0.5
(34,2206)	1:60:A:LEU:HB3	1:117:A:VAL:HG11	17	0.5
(34,2206)	1:60:A:LEU:HB3	1:117:A:VAL:HG12	17	0.5
(34,2206)	1:60:A:LEU:HB3	1:117:A:VAL:HG13	17	0.5
(34,2206)	1:60:A:LEU:HB3	1:117:A:VAL:HG21	17	0.5
(34,2206)	1:60:A:LEU:HB3	1:117:A:VAL:HG22	17	0.5
(34,2206)	1:60:A:LEU:HB3	1:117:A:VAL:HG23	17	0.5
(34,2047)	1:23:A:LEU:HD11	1:24:A:ASP:H	15	0.5
(34,2047)	1:23:A:LEU:HD12	1:24:A:ASP:H	15	0.5
(34,2047)	1:23:A:LEU:HD13	1:24:A:ASP:H	15	0.5
(34,2047)	1:23:A:LEU:HD21	1:24:A:ASP:H	15	0.5
(34,2047)	1:23:A:LEU:HD22	1:24:A:ASP:H	15	0.5
(34,2047)	1:23:A:LEU:HD23	1:24:A:ASP:H	15	0.5
(34,1976)	1:12:A:VAL:HG11	1:43:A:MET:HE1	13	0.5
(34,1976)	1:12:A:VAL:HG11	1:43:A:MET:HE2	13	0.5
(34,1976)	1:12:A:VAL:HG11	1:43:A:MET:HE3	13	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1976)	1:12:A:VAL:HG12	1:43:A:MET:HE1	13	0.5
(34,1976)	1:12:A:VAL:HG12	1:43:A:MET:HE2	13	0.5
(34,1976)	1:12:A:VAL:HG12	1:43:A:MET:HE3	13	0.5
(34,1976)	1:12:A:VAL:HG13	1:43:A:MET:HE1	13	0.5
(34,1976)	1:12:A:VAL:HG13	1:43:A:MET:HE2	13	0.5
(34,1976)	1:12:A:VAL:HG13	1:43:A:MET:HE3	13	0.5
(34,1976)	1:12:A:VAL:HG21	1:43:A:MET:HE1	13	0.5
(34,1976)	1:12:A:VAL:HG21	1:43:A:MET:HE2	13	0.5
(34,1976)	1:12:A:VAL:HG21	1:43:A:MET:HE3	13	0.5
(34,1976)	1:12:A:VAL:HG22	1:43:A:MET:HE1	13	0.5
(34,1976)	1:12:A:VAL:HG22	1:43:A:MET:HE2	13	0.5
(34,1976)	1:12:A:VAL:HG22	1:43:A:MET:HE3	13	0.5
(34,1976)	1:12:A:VAL:HG23	1:43:A:MET:HE1	13	0.5
(34,1976)	1:12:A:VAL:HG23	1:43:A:MET:HE2	13	0.5
(34,1976)	1:12:A:VAL:HG23	1:43:A:MET:HE3	13	0.5
(34,1911)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	11	0.5
(34,1911)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	11	0.5
(34,1867)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	16	0.5
(34,1784)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	9	0.5
(34,1784)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	9	0.5
(34,1784)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	9	0.5
(34,1784)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	9	0.5
(34,1784)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	11	0.5
(34,1784)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	11	0.5
(34,1784)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	11	0.5
(34,1784)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	11	0.5
(34,1777)	1:97:A:ASP:HA	1:105:A:LYS:HG2	14	0.5
(34,1743)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	16	0.5
(34,1743)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	16	0.5
(34,1743)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	16	0.5
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE1	12	0.5
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE2	12	0.5
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE3	12	0.5
(34,1503)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	8	0.5
(34,1503)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	8	0.5
(34,1503)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	8	0.5
(34,1503)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	8	0.5
(34,1503)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	8	0.5
(34,1503)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	8	0.5
(34,1322)	1:18:A:PHE:HZ	1:60:A:LEU:HD21	13	0.5
(34,1322)	1:18:A:PHE:HZ	1:60:A:LEU:HD22	13	0.5
(34,1322)	1:18:A:PHE:HZ	1:60:A:LEU:HD23	13	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD11	9	0.5
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD12	9	0.5
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD13	9	0.5
(34,1250)	1:105:A:LYS:HG2	1:106:A:ASP:HA	11	0.5
(34,1134)	1:18:A:PHE:HA	1:113:A:PHE:HZ	11	0.5
(34,1062)	1:63:A:ILE:H	1:63:A:ILE:HG12	17	0.5
(34,879)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	7	0.5
(34,879)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	7	0.5
(34,879)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	7	0.5
(34,876)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	8	0.5
(34,876)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	8	0.5
(34,876)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	8	0.5
(34,846)	1:48:A:ARG:HA	1:48:A:ARG:HD2	6	0.5
(34,846)	1:48:A:ARG:HA	1:48:A:ARG:HD3	6	0.5
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	8	0.5
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	8	0.5
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	8	0.5
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	8	0.5
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	8	0.5
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	8	0.5
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG11	11	0.5
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG12	11	0.5
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG13	11	0.5
(34,666)	1:101:A:ILE:HB	1:103:A:ARG:H	6	0.5
(34,239)	1:11:A:ILE:HB	1:44:A:GLU:H	9	0.5
(33,2340)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	19	0.5
(33,2340)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	19	0.5
(33,2340)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	19	0.5
(33,2340)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	19	0.5
(33,2340)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	19	0.5
(33,2340)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	19	0.5
(33,2340)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	19	0.5
(33,2340)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	19	0.5
(33,2340)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	19	0.5
(33,2340)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	19	0.5
(33,2340)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	19	0.5
(33,2340)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	19	0.5
(33,2049)	1:27:A:ARG:HB2	1:27:A:ARG:HE	18	0.5
(33,2049)	1:27:A:ARG:HB3	1:27:A:ARG:HE	18	0.5
(33,2041)	1:23:A:LEU:HD11	1:27:A:ARG:HA	19	0.5
(33,2041)	1:23:A:LEU:HD12	1:27:A:ARG:HA	19	0.5
(33,2041)	1:23:A:LEU:HD13	1:27:A:ARG:HA	19	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2041)	1:23:A:LEU:HD21	1:27:A:ARG:HA	19	0.5
(33,2041)	1:23:A:LEU:HD22	1:27:A:ARG:HA	19	0.5
(33,2041)	1:23:A:LEU:HD23	1:27:A:ARG:HA	19	0.5
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	8	0.5
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	8	0.5
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	8	0.5
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	8	0.5
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	8	0.5
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	8	0.5
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	8	0.5
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	8	0.5
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	8	0.5
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	8	0.5
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	8	0.5
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	8	0.5
(33,1943)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	5	0.5
(33,1943)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	5	0.5
(33,1943)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	5	0.5
(33,1943)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	5	0.5
(33,1855)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	16	0.5
(33,1846)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	13	0.5
(33,1846)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	13	0.5
(33,1846)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	13	0.5
(33,1846)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	13	0.5
(33,1846)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	13	0.5
(33,1846)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	13	0.5
(33,1841)	1:13:A:ALA:HA	1:80:A:TYR:HE1	5	0.5
(33,1841)	1:13:A:ALA:HA	1:80:A:TYR:HE2	5	0.5
(33,1784)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	14	0.5
(33,1784)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	14	0.5
(33,1784)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	14	0.5
(33,1784)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	14	0.5
(33,1767)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	9	0.5
(33,1767)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	9	0.5
(33,1767)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	9	0.5
(33,1767)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	9	0.5
(33,1767)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	11	0.5
(33,1767)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	11	0.5
(33,1767)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	11	0.5
(33,1767)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	11	0.5
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD11	4	0.5
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD12	4	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1608)	1:27:A:ARG:HA	1:30:A:LEU:HD13	4	0.5
(33,1600)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	10	0.5
(33,1600)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	10	0.5
(33,1600)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	10	0.5
(33,1600)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	10	0.5
(33,1600)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	10	0.5
(33,1600)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	10	0.5
(33,1509)	1:69:A:MET:HE1	1:115:A:ALA:H	4	0.5
(33,1509)	1:69:A:MET:HE2	1:115:A:ALA:H	4	0.5
(33,1509)	1:69:A:MET:HE3	1:115:A:ALA:H	4	0.5
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE1	12	0.5
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE2	12	0.5
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE3	12	0.5
(33,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	8	0.5
(33,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	8	0.5
(33,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	8	0.5
(33,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	8	0.5
(33,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	8	0.5
(33,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	8	0.5
(33,1267)	1:23:A:LEU:HA	1:23:A:LEU:HD11	14	0.5
(33,1267)	1:23:A:LEU:HA	1:23:A:LEU:HD12	14	0.5
(33,1267)	1:23:A:LEU:HA	1:23:A:LEU:HD13	14	0.5
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD11	9	0.5
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD12	9	0.5
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD13	9	0.5
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB1	6	0.5
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB2	6	0.5
(33,1086)	1:141:A:LYS:HA	1:149:A:ALA:HB3	6	0.5
(33,1035)	1:63:A:ILE:H	1:63:A:ILE:HG12	17	0.5
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB1	9	0.5
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB2	9	0.5
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB3	9	0.5
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB1	9	0.5
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB2	9	0.5
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB3	9	0.5
(33,846)	1:48:A:ARG:HD2	1:49:A:LYS:H	10	0.5
(33,846)	1:48:A:ARG:HD3	1:49:A:LYS:H	10	0.5
(33,823)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	10	0.5
(33,823)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	10	0.5
(33,823)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	10	0.5
(33,823)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	10	0.5
(33,823)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	10	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,823)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	10	0.5
(33,820)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	5	0.5
(33,820)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	5	0.5
(33,820)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	5	0.5
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG11	11	0.5
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG12	11	0.5
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG13	11	0.5
(33,215)	1:44:A:GLU:HB2	1:48:A:ARG:H	4	0.5
(33,215)	1:44:A:GLU:HB3	1:48:A:ARG:H	4	0.5
(33,74)	1:79:A:THR:HG21	1:81:A:GLU:H	4	0.5
(33,74)	1:79:A:THR:HG22	1:81:A:GLU:H	4	0.5
(33,74)	1:79:A:THR:HG23	1:81:A:GLU:H	4	0.5
(33,51)	1:47:A:ALA:H	1:52:A:CYS:HB2	2	0.5
(33,51)	1:47:A:ALA:H	1:52:A:CYS:HB3	2	0.5
(32,2469)	1:140:A:LEU:HD11	1:143:A:TRP:HD1	17	0.5
(32,2469)	1:140:A:LEU:HD12	1:143:A:TRP:HD1	17	0.5
(32,2469)	1:140:A:LEU:HD13	1:143:A:TRP:HD1	17	0.5
(32,2469)	1:140:A:LEU:HD21	1:143:A:TRP:HD1	17	0.5
(32,2469)	1:140:A:LEU:HD22	1:143:A:TRP:HD1	17	0.5
(32,2469)	1:140:A:LEU:HD23	1:143:A:TRP:HD1	17	0.5
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD11	19	0.5
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD12	19	0.5
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD13	19	0.5
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD21	19	0.5
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD22	19	0.5
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD23	19	0.5
(32,2394)	1:125:A:THR:HB	1:129:A:LYS:HG2	2	0.5
(32,2394)	1:125:A:THR:HB	1:129:A:LYS:HG3	2	0.5
(32,2344)	1:113:A:PHE:H	1:116:A:GLN:HG2	9	0.5
(32,2344)	1:113:A:PHE:H	1:116:A:GLN:HG3	9	0.5
(32,2274)	1:79:A:THR:HG21	1:81:A:GLU:HB2	5	0.5
(32,2274)	1:79:A:THR:HG21	1:81:A:GLU:HB3	5	0.5
(32,2274)	1:79:A:THR:HG22	1:81:A:GLU:HB2	5	0.5
(32,2274)	1:79:A:THR:HG22	1:81:A:GLU:HB3	5	0.5
(32,2274)	1:79:A:THR:HG23	1:81:A:GLU:HB2	5	0.5
(32,2274)	1:79:A:THR:HG23	1:81:A:GLU:HB3	5	0.5
(32,2263)	1:74:A:PRO:HA	1:77:A:CYS:HB2	6	0.5
(32,2263)	1:74:A:PRO:HA	1:77:A:CYS:HB3	6	0.5
(32,2263)	1:74:A:PRO:HA	1:77:A:CYS:HB2	9	0.5
(32,2263)	1:74:A:PRO:HA	1:77:A:CYS:HB3	9	0.5
(32,2166)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	6	0.5
(32,2166)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	6	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2166)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	6	0.5
(32,2166)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	6	0.5
(32,2166)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	6	0.5
(32,2166)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	6	0.5
(32,2166)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	6	0.5
(32,2166)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	6	0.5
(32,2166)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	6	0.5
(32,2166)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	6	0.5
(32,2166)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	6	0.5
(32,2166)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	6	0.5
(32,2166)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	6	0.5
(32,2166)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	6	0.5
(32,2166)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	6	0.5
(32,2166)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	6	0.5
(32,2166)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	6	0.5
(32,2166)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	6	0.5
(32,1981)	1:17:A:ASN:HB2	1:76:A:ARG:HA	14	0.5
(32,1981)	1:17:A:ASN:HB3	1:76:A:ARG:HA	14	0.5
(32,1912)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	5	0.5
(32,1912)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	5	0.5
(32,1912)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	5	0.5
(32,1912)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	5	0.5
(32,1897)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	11	0.5
(32,1897)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	11	0.5
(32,1897)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	11	0.5
(32,1897)	1:9:A:PHE:HZ	1:40:A:LEU:HD21	11	0.5
(32,1897)	1:9:A:PHE:HZ	1:40:A:LEU:HD22	11	0.5
(32,1897)	1:9:A:PHE:HZ	1:40:A:LEU:HD23	11	0.5
(32,1821)	1:9:A:PHE:HD1	1:57:A:LEU:HG	15	0.5
(32,1821)	1:9:A:PHE:HD2	1:57:A:LEU:HG	15	0.5
(32,1816)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	11	0.5
(32,1816)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	11	0.5
(32,1816)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	11	0.5
(32,1816)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	11	0.5
(32,1816)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	11	0.5
(32,1816)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	11	0.5
(32,1761)	1:9:A:PHE:HD1	1:11:A:ILE:HB	12	0.5
(32,1761)	1:9:A:PHE:HD2	1:11:A:ILE:HB	12	0.5
(32,1754)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	1	0.5
(32,1754)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	1	0.5
(32,1754)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	1	0.5
(32,1754)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	1	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1754)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	1	0.5
(32,1754)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	1	0.5
(32,1693)	1:18:A:PHE:HB3	1:132:A:ALA:HA	7	0.5
(32,1693)	1:18:A:PHE:HB2	1:132:A:ALA:HA	7	0.5
(32,1641)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.5
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD11	4	0.5
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD12	4	0.5
(32,1581)	1:27:A:ARG:HA	1:30:A:LEU:HD13	4	0.5
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG21	12	0.5
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG22	12	0.5
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG23	12	0.5
(32,1546)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	11	0.5
(32,1546)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	11	0.5
(32,1546)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	11	0.5
(32,1546)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	17	0.5
(32,1546)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	17	0.5
(32,1546)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	17	0.5
(32,1214)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	15	0.5
(32,1214)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	15	0.5
(32,1214)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	15	0.5
(32,1214)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	15	0.5
(32,1214)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	15	0.5
(32,1214)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	15	0.5
(32,1072)	1:18:A:PHE:HA	1:113:A:PHE:HZ	11	0.5
(32,1039)	1:54:A:ARG:HA	1:58:A:ILE:HG13	9	0.5
(32,933)	1:11:A:ILE:HG13	1:43:A:MET:HB2	1	0.5
(32,847)	1:56:A:CYS:H	1:122:A:ASP:HB2	9	0.5
(32,800)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	10	0.5
(32,800)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	10	0.5
(32,800)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	10	0.5
(32,800)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	10	0.5
(32,800)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	10	0.5
(32,800)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	10	0.5
(32,792)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	8	0.5
(32,792)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	8	0.5
(32,792)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	8	0.5
(32,792)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	10	0.5
(32,792)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	10	0.5
(32,792)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	10	0.5
(32,764)	1:60:A:LEU:H	1:63:A:ILE:HD11	17	0.5
(32,764)	1:60:A:LEU:H	1:63:A:ILE:HD12	17	0.5
(32,764)	1:60:A:LEU:H	1:63:A:ILE:HD13	17	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,699)	1:9:A:PHE:HD1	1:54:A:ARG:HE	17	0.5
(32,699)	1:9:A:PHE:HD2	1:54:A:ARG:HE	17	0.5
(32,344)	1:104:A:PHE:H	1:104:A:PHE:HD1	4	0.5
(32,344)	1:104:A:PHE:H	1:104:A:PHE:HD2	4	0.5
(32,96)	1:63:A:ILE:H	1:63:A:ILE:HG12	17	0.5
(32,65)	1:79:A:THR:HG21	1:81:A:GLU:H	4	0.5
(32,65)	1:79:A:THR:HG22	1:81:A:GLU:H	4	0.5
(32,65)	1:79:A:THR:HG23	1:81:A:GLU:H	4	0.5
(32,44)	1:47:A:ALA:H	1:52:A:CYS:HB2	2	0.5
(32,44)	1:47:A:ALA:H	1:52:A:CYS:HB3	2	0.5
(30,2425)	1:136:A:CYS:HB2	1:141:A:LYS:H	3	0.5
(30,2425)	1:136:A:CYS:HB3	1:141:A:LYS:H	3	0.5
(30,2220)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	14	0.5
(30,2220)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	14	0.5
(30,2220)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	14	0.5
(30,2220)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	14	0.5
(30,2220)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	14	0.5
(30,2220)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	14	0.5
(30,1971)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	14	0.5
(30,1971)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	14	0.5
(30,1971)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	14	0.5
(30,1971)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	14	0.5
(30,1971)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	14	0.5
(30,1971)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	14	0.5
(30,1971)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	14	0.5
(30,1971)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	14	0.5
(30,1971)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	14	0.5
(30,1971)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	14	0.5
(30,1971)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	14	0.5
(30,1971)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	14	0.5
(30,1971)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	14	0.5
(30,1971)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	14	0.5
(30,1971)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	14	0.5
(30,1971)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	14	0.5
(30,1971)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	14	0.5
(30,1971)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	14	0.5
(30,1952)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	5	0.5
(30,1952)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	5	0.5
(30,1952)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	5	0.5
(30,1952)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	5	0.5
(30,1859)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	16	0.5
(30,1857)	1:9:A:PHE:HZ	1:11:A:ILE:HA	17	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1740)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	16	0.5
(30,1740)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	16	0.5
(30,1740)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	16	0.5
(30,1691)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.5
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB1	9	0.5
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB2	9	0.5
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB3	9	0.5
(30,1056)	1:134:A:VAL:HG21	1:140:A:LEU:HG	10	0.5
(30,1056)	1:134:A:VAL:HG22	1:140:A:LEU:HG	10	0.5
(30,1056)	1:134:A:VAL:HG23	1:140:A:LEU:HG	10	0.5
(30,1025)	1:63:A:ILE:H	1:63:A:ILE:HG12	17	0.5
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	1	0.5
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	1	0.5
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	1	0.5
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	2	0.5
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	2	0.5
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	2	0.5
(30,817)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	10	0.5
(30,817)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	10	0.5
(30,817)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	10	0.5
(30,817)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	10	0.5
(30,817)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	10	0.5
(30,817)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	10	0.5
(30,714)	1:9:A:PHE:HD1	1:54:A:ARG:HE	17	0.5
(30,714)	1:9:A:PHE:HD2	1:54:A:ARG:HE	17	0.5
(30,44)	1:44:A:GLU:HG3	1:47:A:ALA:H	2	0.5
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD11	2	0.5
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD12	2	0.5
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD13	2	0.5
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD21	2	0.5
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD22	2	0.5
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD23	2	0.5
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD11	16	0.5
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD12	16	0.5
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD13	16	0.5
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD21	16	0.5
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD22	16	0.5
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD23	16	0.5
(29,1946)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	15	0.5
(29,1946)	1:9:A:PHE:HD1	1:11:A:ILE:HG13	15	0.5
(29,1946)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	15	0.5
(29,1946)	1:9:A:PHE:HD2	1:11:A:ILE:HG13	15	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	18	0.5
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	18	0.5
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	18	0.5
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	18	0.5
(29,1807)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	4	0.5
(29,1807)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	4	0.5
(29,1807)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	4	0.5
(29,1807)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	4	0.5
(29,1805)	1:80:A:TYR:HD1	1:81:A:GLU:HA	12	0.5
(29,1805)	1:80:A:TYR:HD2	1:81:A:GLU:HA	12	0.5
(29,1756)	1:18:A:PHE:HB3	1:132:A:ALA:HA	12	0.5
(29,1756)	1:18:A:PHE:HB2	1:132:A:ALA:HA	12	0.5
(29,1756)	1:18:A:PHE:HB3	1:132:A:ALA:HA	13	0.5
(29,1756)	1:18:A:PHE:HB2	1:132:A:ALA:HA	13	0.5
(29,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	10	0.5
(29,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	10	0.5
(29,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	10	0.5
(29,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	10	0.5
(29,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	10	0.5
(29,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	10	0.5
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE1	18	0.5
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE2	18	0.5
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE3	18	0.5
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE1	4	0.5
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE2	4	0.5
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE3	4	0.5
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG21	16	0.5
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG22	16	0.5
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG23	16	0.5
(29,1382)	1:47:A:ALA:H	1:134:A:VAL:HG11	1	0.5
(29,1382)	1:47:A:ALA:H	1:134:A:VAL:HG12	1	0.5
(29,1382)	1:47:A:ALA:H	1:134:A:VAL:HG13	1	0.5
(29,1349)	1:17:A:ASN:HA	1:76:A:ARG:HA	19	0.5
(29,1260)	1:21:A:THR:HG21	1:23:A:LEU:HA	8	0.5
(29,1260)	1:21:A:THR:HG22	1:23:A:LEU:HA	8	0.5
(29,1260)	1:21:A:THR:HG23	1:23:A:LEU:HA	8	0.5
(29,1252)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	2	0.5
(29,1252)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	2	0.5
(29,1252)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	2	0.5
(29,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	8	0.5
(29,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	8	0.5
(29,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	8	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	8	0.5
(29,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	8	0.5
(29,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	8	0.5
(29,1219)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	12	0.5
(29,1219)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	12	0.5
(29,1219)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	12	0.5
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD21	3	0.5
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD22	3	0.5
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD23	3	0.5
(29,1117)	1:18:A:PHE:HA	1:113:A:PHE:HZ	11	0.5
(29,1049)	1:63:A:ILE:H	1:63:A:ILE:HG12	17	0.5
(29,1019)	1:27:A:ARG:HB2	1:28:A:GLY:H	11	0.5
(29,927)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	8	0.5
(29,927)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	8	0.5
(29,927)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	8	0.5
(29,847)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	17	0.5
(29,847)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	17	0.5
(29,847)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	17	0.5
(29,847)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	17	0.5
(29,847)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	17	0.5
(29,847)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	17	0.5
(29,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	10	0.5
(29,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	10	0.5
(29,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	10	0.5
(29,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	10	0.5
(29,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	10	0.5
(29,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	10	0.5
(29,351)	1:104:A:PHE:H	1:104:A:PHE:HD1	4	0.5
(29,351)	1:104:A:PHE:H	1:104:A:PHE:HD2	4	0.5
(29,72)	1:79:A:THR:HG21	1:81:A:GLU:H	4	0.5
(29,72)	1:79:A:THR:HG22	1:81:A:GLU:H	4	0.5
(29,72)	1:79:A:THR:HG23	1:81:A:GLU:H	4	0.5
(29,50)	1:47:A:ALA:H	1:52:A:CYS:HB2	2	0.5
(29,50)	1:47:A:ALA:H	1:52:A:CYS:HB3	2	0.5
(23,18)	1:119:A:LEU:N	1:115:A:ALA:O	17	0.5
(23,5)	1:58:A:ILE:N	1:54:A:ARG:O	13	0.5
(23,1)	1:17:A:ASN:N	1:13:A:ALA:O	17	0.5
(22,40)	1:128:A:LEU:N	1:124:A:THR:C	15	0.5
(22,35)	1:119:A:LEU:H	1:115:A:ALA:C	15	0.5
(22,11)	1:59:A:CYS:H	1:55:A:GLY:C	3	0.5
(22,11)	1:59:A:CYS:H	1:55:A:GLY:C	17	0.5
(22,7)	1:45:A:ALA:H	1:41:A:LYS:C	9	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(22,3)	1:39:A:VAL:H	1:36:A:PRO:C	18	0.5
(19,16)	1:52:A:CYS:SG	1:56:A:CYS:CB	16	0.5
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD11	13	0.5
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD12	13	0.5
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD13	13	0.5
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD21	13	0.5
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD22	13	0.5
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD23	13	0.5
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD11	13	0.5
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD12	13	0.5
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD13	13	0.5
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD21	13	0.5
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD22	13	0.5
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD23	13	0.5
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD11	13	0.5
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD12	13	0.5
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD13	13	0.5
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD21	13	0.5
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD22	13	0.5
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD23	13	0.5
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD11	16	0.5
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD12	16	0.5
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD13	16	0.5
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD21	16	0.5
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD22	16	0.5
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD23	16	0.5
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD11	8	0.5
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD12	8	0.5
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD13	8	0.5
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD21	8	0.5
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD22	8	0.5
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD23	8	0.5
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD11	12	0.5
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD12	12	0.5
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD13	12	0.5
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD21	12	0.5
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD22	12	0.5
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD23	12	0.5
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD11	6	0.5
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD12	6	0.5
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD13	6	0.5
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD21	6	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD22	6	0.5
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD23	6	0.5
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD11	6	0.5
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD12	6	0.5
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD13	6	0.5
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD21	6	0.5
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD22	6	0.5
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD23	6	0.5
(18,1945)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	5	0.5
(18,1945)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	5	0.5
(18,1945)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	5	0.5
(18,1945)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	5	0.5
(18,1939)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	17	0.5
(18,1939)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	17	0.5
(18,1939)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	17	0.5
(18,1939)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	17	0.5
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD11	16	0.5
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD12	16	0.5
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD13	16	0.5
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD21	16	0.5
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD22	16	0.5
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD23	16	0.5
(18,1843)	1:9:A:PHE:HZ	1:11:A:ILE:HA	17	0.5
(18,1817)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	7	0.5
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	4	0.5
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	4	0.5
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	4	0.5
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	4	0.5
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	4	0.5
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	4	0.5
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	13	0.5
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	13	0.5
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	13	0.5
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	13	0.5
(18,1767)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	4	0.5
(18,1767)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	4	0.5
(18,1767)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	4	0.5
(18,1767)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	4	0.5
(18,1765)	1:80:A:TYR:HD1	1:81:A:GLU:HA	12	0.5
(18,1765)	1:80:A:TYR:HD2	1:81:A:GLU:HA	12	0.5
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	18	0.5
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	18	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	18	0.5
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	18	0.5
(18,1531)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	17	0.5
(18,1531)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	17	0.5
(18,1531)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	17	0.5
(18,1531)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	17	0.5
(18,1531)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	17	0.5
(18,1531)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	17	0.5
(18,1475)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	8	0.5
(18,1475)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	8	0.5
(18,1475)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	8	0.5
(18,1475)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	8	0.5
(18,1475)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	8	0.5
(18,1475)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	8	0.5
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG21	16	0.5
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG22	16	0.5
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG23	16	0.5
(18,1355)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	11	0.5
(18,1355)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	11	0.5
(18,1355)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	11	0.5
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB1	9	0.5
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB2	9	0.5
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB3	9	0.5
(18,1082)	1:54:A:ARG:HA	1:58:A:ILE:HG13	9	0.5
(18,1050)	1:63:A:ILE:H	1:63:A:ILE:HG12	17	0.5
(18,1022)	1:27:A:ARG:HB2	1:28:A:GLY:H	11	0.5
(18,944)	1:73:A:ILE:HD11	1:112:A:GLN:HG2	15	0.5
(18,944)	1:73:A:ILE:HD11	1:112:A:GLN:HG3	15	0.5
(18,944)	1:73:A:ILE:HD12	1:112:A:GLN:HG2	15	0.5
(18,944)	1:73:A:ILE:HD12	1:112:A:GLN:HG3	15	0.5
(18,944)	1:73:A:ILE:HD13	1:112:A:GLN:HG2	15	0.5
(18,944)	1:73:A:ILE:HD13	1:112:A:GLN:HG3	15	0.5
(18,924)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	8	0.5
(18,924)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	8	0.5
(18,924)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	8	0.5
(18,817)	1:32:A:GLY:HA2	1:33:A:LYS:H	4	0.5
(18,783)	1:101:A:ILE:HD11	1:104:A:PHE:H	4	0.5
(18,783)	1:101:A:ILE:HD12	1:104:A:PHE:H	4	0.5
(18,783)	1:101:A:ILE:HD13	1:104:A:PHE:H	4	0.5
(18,666)	1:66:A:THR:H	1:116:A:GLN:HE22	6	0.5
(18,223)	1:44:A:GLU:HB2	1:48:A:ARG:H	4	0.5
(18,223)	1:44:A:GLU:HB3	1:48:A:ARG:H	4	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,74)	1:79:A:THR:HG21	1:81:A:GLU:H	4	0.5
(18,74)	1:79:A:THR:HG22	1:81:A:GLU:H	4	0.5
(18,74)	1:79:A:THR:HG23	1:81:A:GLU:H	4	0.5
(18,73)	1:13:A:ALA:HB1	1:81:A:GLU:H	11	0.5
(18,73)	1:13:A:ALA:HB2	1:81:A:GLU:H	11	0.5
(18,73)	1:13:A:ALA:HB3	1:81:A:GLU:H	11	0.5
(18,50)	1:47:A:ALA:H	1:52:A:CYS:HB2	2	0.5
(18,50)	1:47:A:ALA:H	1:52:A:CYS:HB3	2	0.5
(17,2440)	1:139:A:LEU:H	1:140:A:LEU:HD11	4	0.5
(17,2440)	1:139:A:LEU:H	1:140:A:LEU:HD12	4	0.5
(17,2440)	1:139:A:LEU:H	1:140:A:LEU:HD13	4	0.5
(17,2440)	1:139:A:LEU:H	1:140:A:LEU:HD21	4	0.5
(17,2440)	1:139:A:LEU:H	1:140:A:LEU:HD22	4	0.5
(17,2440)	1:139:A:LEU:H	1:140:A:LEU:HD23	4	0.5
(17,2340)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	19	0.5
(17,2340)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	19	0.5
(17,2340)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	19	0.5
(17,2340)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	19	0.5
(17,2340)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	19	0.5
(17,2340)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	19	0.5
(17,2340)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	19	0.5
(17,2340)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	19	0.5
(17,2340)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	19	0.5
(17,2340)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	19	0.5
(17,2340)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	19	0.5
(17,2340)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	19	0.5
(17,2335)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	3	0.5
(17,2335)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	3	0.5
(17,2335)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	3	0.5
(17,2335)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	3	0.5
(17,2335)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	3	0.5
(17,2335)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	3	0.5
(17,2335)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	3	0.5
(17,2335)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	3	0.5
(17,2335)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	3	0.5
(17,2335)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	3	0.5
(17,2335)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	3	0.5
(17,2335)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	3	0.5
(17,2272)	1:74:A:PRO:HA	1:77:A:CYS:HB2	6	0.5
(17,2272)	1:74:A:PRO:HA	1:77:A:CYS:HB3	6	0.5
(17,2272)	1:74:A:PRO:HA	1:77:A:CYS:HB2	9	0.5
(17,2272)	1:74:A:PRO:HA	1:77:A:CYS:HB3	9	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2125)	1:39:A:VAL:HG11	1:43:A:MET:H	4	0.5
(17,2125)	1:39:A:VAL:HG12	1:43:A:MET:H	4	0.5
(17,2125)	1:39:A:VAL:HG13	1:43:A:MET:H	4	0.5
(17,2125)	1:39:A:VAL:HG21	1:43:A:MET:H	4	0.5
(17,2125)	1:39:A:VAL:HG22	1:43:A:MET:H	4	0.5
(17,2125)	1:39:A:VAL:HG23	1:43:A:MET:H	4	0.5
(17,1874)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	16	0.5
(17,1851)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	16	0.5
(17,1851)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	16	0.5
(17,1851)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	17	0.5
(17,1851)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	17	0.5
(17,1808)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	6	0.5
(17,1808)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	6	0.5
(17,1808)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	6	0.5
(17,1808)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	6	0.5
(17,1808)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	6	0.5
(17,1808)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	6	0.5
(17,1800)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	4	0.5
(17,1800)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	4	0.5
(17,1800)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	4	0.5
(17,1800)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	4	0.5
(17,1776)	1:141:A:LYS:HA	1:148:A:CYS:H	15	0.5
(17,1748)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	16	0.5
(17,1748)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	16	0.5
(17,1748)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	16	0.5
(17,1682)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	4	0.5
(17,1682)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	4	0.5
(17,1682)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	7	0.5
(17,1682)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	7	0.5
(17,1674)	1:69:A:MET:HE1	1:116:A:GLN:HG3	7	0.5
(17,1674)	1:69:A:MET:HE2	1:116:A:GLN:HG3	7	0.5
(17,1674)	1:69:A:MET:HE3	1:116:A:GLN:HG3	7	0.5
(17,1509)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	8	0.5
(17,1509)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	8	0.5
(17,1509)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	8	0.5
(17,1509)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	8	0.5
(17,1509)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	8	0.5
(17,1509)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	8	0.5
(17,1262)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	19	0.5
(17,1262)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	19	0.5
(17,1262)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	19	0.5
(17,1262)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	19	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1262)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	19	0.5
(17,1262)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	19	0.5
(17,1262)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	19	0.5
(17,1262)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	19	0.5
(17,1262)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	19	0.5
(17,1115)	1:18:A:PHE:HA	1:113:A:PHE:HZ	11	0.5
(17,1043)	1:63:A:ILE:H	1:63:A:ILE:HG12	17	0.5
(17,1014)	1:27:A:ARG:HB2	1:28:A:GLY:H	11	0.5
(17,999)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	4	0.5
(17,999)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	4	0.5
(17,999)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	15	0.5
(17,999)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	15	0.5
(17,924)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	8	0.5
(17,924)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	8	0.5
(17,924)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	8	0.5
(17,901)	1:69:A:MET:HE1	1:73:A:ILE:HB	14	0.5
(17,901)	1:69:A:MET:HE2	1:73:A:ILE:HB	14	0.5
(17,901)	1:69:A:MET:HE3	1:73:A:ILE:HB	14	0.5
(17,893)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	1	0.5
(17,893)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	1	0.5
(17,893)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	1	0.5
(17,849)	1:48:A:ARG:HD2	1:49:A:LYS:H	10	0.5
(17,849)	1:48:A:ARG:HD3	1:49:A:LYS:H	10	0.5
(17,830)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	10	0.5
(17,830)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	10	0.5
(17,830)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	10	0.5
(17,830)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	10	0.5
(17,830)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	10	0.5
(17,830)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	10	0.5
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	5	0.5
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	5	0.5
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	5	0.5
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	5	0.5
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	5	0.5
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	5	0.5
(17,655)	1:66:A:THR:H	1:116:A:GLN:HE22	6	0.5
(17,230)	1:11:A:ILE:HB	1:44:A:GLU:H	9	0.5
(17,214)	1:44:A:GLU:HB2	1:48:A:ARG:H	4	0.5
(17,214)	1:44:A:GLU:HB3	1:48:A:ARG:H	4	0.5
(17,160)	1:127:A:CYS:H	1:128:A:LEU:HG	5	0.5
(17,46)	1:47:A:ALA:H	1:52:A:CYS:HB2	2	0.5
(17,46)	1:47:A:ALA:H	1:52:A:CYS:HB3	2	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD11	11	0.5
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD12	11	0.5
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD13	11	0.5
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD21	11	0.5
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD22	11	0.5
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD23	11	0.5
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG2	18	0.5
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG3	18	0.5
(16,2348)	1:113:A:PHE:H	1:116:A:GLN:HG2	9	0.5
(16,2348)	1:113:A:PHE:H	1:116:A:GLN:HG3	9	0.5
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD11	16	0.5
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD12	16	0.5
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD13	16	0.5
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD21	16	0.5
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD22	16	0.5
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD23	16	0.5
(16,2122)	1:39:A:VAL:HG11	1:43:A:MET:H	4	0.5
(16,2122)	1:39:A:VAL:HG12	1:43:A:MET:H	4	0.5
(16,2122)	1:39:A:VAL:HG13	1:43:A:MET:H	4	0.5
(16,2122)	1:39:A:VAL:HG21	1:43:A:MET:H	4	0.5
(16,2122)	1:39:A:VAL:HG22	1:43:A:MET:H	4	0.5
(16,2122)	1:39:A:VAL:HG23	1:43:A:MET:H	4	0.5
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD11	8	0.5
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD12	8	0.5
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD13	8	0.5
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD21	8	0.5
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD22	8	0.5
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD23	8	0.5
(16,2047)	1:27:A:ARG:HB2	1:27:A:ARG:HE	18	0.5
(16,2047)	1:27:A:ARG:HB3	1:27:A:ARG:HE	18	0.5
(16,1871)	1:104:A:PHE:HE1	1:113:A:PHE:HA	16	0.5
(16,1871)	1:104:A:PHE:HE2	1:113:A:PHE:HA	16	0.5
(16,1841)	1:9:A:PHE:HD1	1:57:A:LEU:HG	15	0.5
(16,1841)	1:9:A:PHE:HD2	1:57:A:LEU:HG	15	0.5
(16,1784)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	6	0.5
(16,1784)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	6	0.5
(16,1784)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	6	0.5
(16,1784)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	6	0.5
(16,1784)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	6	0.5
(16,1784)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	6	0.5
(16,1638)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	12	0.5
(16,1638)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	12	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1638)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	12	0.5
(16,1638)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	12	0.5
(16,1638)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	12	0.5
(16,1638)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	12	0.5
(16,1638)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	12	0.5
(16,1638)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	12	0.5
(16,1638)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	12	0.5
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD11	4	0.5
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD12	4	0.5
(16,1605)	1:27:A:ARG:HA	1:30:A:LEU:HD13	4	0.5
(16,1557)	1:11:A:ILE:HD11	1:18:A:PHE:HD1	16	0.5
(16,1557)	1:11:A:ILE:HD11	1:18:A:PHE:HD2	16	0.5
(16,1557)	1:11:A:ILE:HD12	1:18:A:PHE:HD1	16	0.5
(16,1557)	1:11:A:ILE:HD12	1:18:A:PHE:HD2	16	0.5
(16,1557)	1:11:A:ILE:HD13	1:18:A:PHE:HD1	16	0.5
(16,1557)	1:11:A:ILE:HD13	1:18:A:PHE:HD2	16	0.5
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE1	4	0.5
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE2	4	0.5
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE3	4	0.5
(16,1487)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	8	0.5
(16,1487)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	8	0.5
(16,1487)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	8	0.5
(16,1487)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	8	0.5
(16,1487)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	8	0.5
(16,1487)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	8	0.5
(16,1401)	1:11:A:ILE:HG21	1:43:A:MET:HG3	5	0.5
(16,1401)	1:11:A:ILE:HG22	1:43:A:MET:HG3	5	0.5
(16,1401)	1:11:A:ILE:HG23	1:43:A:MET:HG3	5	0.5
(16,1018)	1:95:A:ILE:HG21	1:105:A:LYS:HB2	14	0.5
(16,1018)	1:95:A:ILE:HG21	1:105:A:LYS:HB3	14	0.5
(16,1018)	1:95:A:ILE:HG22	1:105:A:LYS:HB2	14	0.5
(16,1018)	1:95:A:ILE:HG22	1:105:A:LYS:HB3	14	0.5
(16,1018)	1:95:A:ILE:HG23	1:105:A:LYS:HB2	14	0.5
(16,1018)	1:95:A:ILE:HG23	1:105:A:LYS:HB3	14	0.5
(16,993)	1:46:A:ASN:HB3	1:134:A:VAL:HB	9	0.5
(16,910)	1:69:A:MET:HE1	1:73:A:ILE:HB	14	0.5
(16,910)	1:69:A:MET:HE2	1:73:A:ILE:HB	14	0.5
(16,910)	1:69:A:MET:HE3	1:73:A:ILE:HB	14	0.5
(16,828)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	10	0.5
(16,828)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	10	0.5
(16,828)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	10	0.5
(16,828)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	10	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,828)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	10	0.5
(16,828)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	10	0.5
(16,806)	1:11:A:ILE:HD11	1:47:A:ALA:HB1	6	0.5
(16,806)	1:11:A:ILE:HD11	1:47:A:ALA:HB2	6	0.5
(16,806)	1:11:A:ILE:HD11	1:47:A:ALA:HB3	6	0.5
(16,806)	1:11:A:ILE:HD12	1:47:A:ALA:HB1	6	0.5
(16,806)	1:11:A:ILE:HD12	1:47:A:ALA:HB2	6	0.5
(16,806)	1:11:A:ILE:HD12	1:47:A:ALA:HB3	6	0.5
(16,806)	1:11:A:ILE:HD13	1:47:A:ALA:HB1	6	0.5
(16,806)	1:11:A:ILE:HD13	1:47:A:ALA:HB2	6	0.5
(16,806)	1:11:A:ILE:HD13	1:47:A:ALA:HB3	6	0.5
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	5	0.5
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	5	0.5
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	5	0.5
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	5	0.5
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	5	0.5
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	5	0.5
(16,793)	1:63:A:ILE:HD11	1:64:A:LYS:H	19	0.5
(16,793)	1:63:A:ILE:HD12	1:64:A:LYS:H	19	0.5
(16,793)	1:63:A:ILE:HD13	1:64:A:LYS:H	19	0.5
(16,664)	1:101:A:ILE:HB	1:103:A:ARG:H	6	0.5
(16,565)	1:116:A:GLN:H	1:116:A:GLN:HE22	19	0.5
(16,350)	1:111:A:GLU:H	1:111:A:GLU:HG2	15	0.5
(16,287)	1:73:A:ILE:HD11	1:112:A:GLN:H	14	0.5
(16,287)	1:73:A:ILE:HD12	1:112:A:GLN:H	14	0.5
(16,287)	1:73:A:ILE:HD13	1:112:A:GLN:H	14	0.5
(16,222)	1:44:A:GLU:HB2	1:48:A:ARG:H	15	0.5
(16,222)	1:44:A:GLU:HB3	1:48:A:ARG:H	15	0.5
(16,46)	1:47:A:ALA:H	1:52:A:CYS:HB2	2	0.5
(16,46)	1:47:A:ALA:H	1:52:A:CYS:HB3	2	0.5
(16,9)	1:63:A:ILE:HG13	1:64:A:LYS:H	13	0.5
(15,2394)	1:123:A:CYS:HB2	1:127:A:CYS:HB2	2	0.5
(15,2394)	1:123:A:CYS:HB2	1:127:A:CYS:HB3	2	0.5
(15,2394)	1:123:A:CYS:HB3	1:127:A:CYS:HB2	2	0.5
(15,2394)	1:123:A:CYS:HB3	1:127:A:CYS:HB3	2	0.5
(15,2324)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	19	0.5
(15,2324)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	19	0.5
(15,2324)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	19	0.5
(15,2324)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	19	0.5
(15,2324)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	19	0.5
(15,2324)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	19	0.5
(15,2324)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	19	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2324)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	19	0.5
(15,2324)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	19	0.5
(15,2324)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	19	0.5
(15,2324)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	19	0.5
(15,2324)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	19	0.5
(15,2196)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	14	0.5
(15,2196)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	14	0.5
(15,2196)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	14	0.5
(15,2196)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	14	0.5
(15,2196)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	14	0.5
(15,2196)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	14	0.5
(15,1959)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	11	0.5
(15,1959)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	11	0.5
(15,1959)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	11	0.5
(15,1959)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	11	0.5
(15,1959)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	11	0.5
(15,1959)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	11	0.5
(15,1959)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	11	0.5
(15,1959)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	11	0.5
(15,1959)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	11	0.5
(15,1959)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	11	0.5
(15,1959)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	11	0.5
(15,1959)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	11	0.5
(15,1930)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	5	0.5
(15,1930)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	5	0.5
(15,1930)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	5	0.5
(15,1930)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	5	0.5
(15,1888)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	10	0.5
(15,1888)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	10	0.5
(15,1888)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	10	0.5
(15,1888)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	10	0.5
(15,1888)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	10	0.5
(15,1888)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	10	0.5
(15,1839)	1:9:A:PHE:HD1	1:57:A:LEU:HG	15	0.5
(15,1839)	1:9:A:PHE:HD2	1:57:A:LEU:HG	15	0.5
(15,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	6	0.5
(15,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	6	0.5
(15,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	6	0.5
(15,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	6	0.5
(15,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	6	0.5
(15,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	6	0.5
(15,1759)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	9	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1759)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	9	0.5
(15,1759)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	9	0.5
(15,1759)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	9	0.5
(15,1759)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	11	0.5
(15,1759)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	11	0.5
(15,1759)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	11	0.5
(15,1759)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	11	0.5
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD2	3	0.5
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD3	3	0.5
(15,1499)	1:98:A:ILE:HG21	1:116:A:GLN:HG3	10	0.5
(15,1499)	1:98:A:ILE:HG22	1:116:A:GLN:HG3	10	0.5
(15,1499)	1:98:A:ILE:HG23	1:116:A:GLN:HG3	10	0.5
(15,1257)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	19	0.5
(15,1257)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	19	0.5
(15,1257)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	19	0.5
(15,1257)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	19	0.5
(15,1257)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	19	0.5
(15,1257)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	19	0.5
(15,1257)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	19	0.5
(15,1257)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	19	0.5
(15,1257)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	19	0.5
(15,1106)	1:18:A:PHE:HA	1:113:A:PHE:HZ	11	0.5
(15,1039)	1:63:A:ILE:H	1:63:A:ILE:HG12	17	0.5
(15,1012)	1:27:A:ARG:HB2	1:28:A:GLY:H	11	0.5
(15,977)	1:46:A:ASN:HB3	1:134:A:VAL:HB	9	0.5
(15,958)	1:11:A:ILE:HG13	1:43:A:MET:HB2	1	0.5
(15,820)	1:98:A:ILE:HD11	1:101:A:ILE:HB	4	0.5
(15,820)	1:98:A:ILE:HD12	1:101:A:ILE:HB	4	0.5
(15,820)	1:98:A:ILE:HD13	1:101:A:ILE:HB	4	0.5
(15,818)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	5	0.5
(15,818)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	5	0.5
(15,818)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	5	0.5
(15,588)	1:126:A:GLY:H	1:128:A:LEU:HG	10	0.5
(15,588)	1:126:A:GLY:H	1:128:A:LEU:HG	14	0.5
(15,356)	1:104:A:PHE:H	1:104:A:PHE:HD1	4	0.5
(15,356)	1:104:A:PHE:H	1:104:A:PHE:HD2	4	0.5
(15,223)	1:44:A:GLU:HB2	1:48:A:ARG:H	15	0.5
(15,223)	1:44:A:GLU:HB3	1:48:A:ARG:H	15	0.5
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB1	8	0.5
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB2	8	0.5
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB3	8	0.5
(15,164)	1:127:A:CYS:H	1:128:A:LEU:HG	5	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,72)	1:13:A:ALA:HB1	1:81:A:GLU:H	11	0.5
(15,72)	1:13:A:ALA:HB2	1:81:A:GLU:H	11	0.5
(15,72)	1:13:A:ALA:HB3	1:81:A:GLU:H	11	0.5
(15,49)	1:47:A:ALA:H	1:52:A:CYS:HB2	2	0.5
(15,49)	1:47:A:ALA:H	1:52:A:CYS:HB3	2	0.5
(13,2312)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	19	0.5
(13,2312)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	19	0.5
(13,2312)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	19	0.5
(13,2312)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	19	0.5
(13,2312)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	19	0.5
(13,2312)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	19	0.5
(13,2312)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	19	0.5
(13,2312)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	19	0.5
(13,2312)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	19	0.5
(13,2312)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	19	0.5
(13,2312)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	19	0.5
(13,2312)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	19	0.5
(13,2237)	1:74:A:PRO:HA	1:77:A:CYS:HB2	6	0.5
(13,2237)	1:74:A:PRO:HA	1:77:A:CYS:HB3	6	0.5
(13,2237)	1:74:A:PRO:HA	1:77:A:CYS:HB2	9	0.5
(13,2237)	1:74:A:PRO:HA	1:77:A:CYS:HB3	9	0.5
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD11	12	0.5
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD12	12	0.5
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD13	12	0.5
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD21	12	0.5
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD22	12	0.5
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD23	12	0.5
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	15	0.5
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	15	0.5
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	15	0.5
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	15	0.5
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	15	0.5
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	15	0.5
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	15	0.5
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	15	0.5
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	15	0.5
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	15	0.5
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	15	0.5
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	15	0.5
(13,2061)	1:39:A:VAL:HG11	1:43:A:MET:H	4	0.5
(13,2061)	1:39:A:VAL:HG12	1:43:A:MET:H	4	0.5
(13,2061)	1:39:A:VAL:HG13	1:43:A:MET:H	4	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2061)	1:39:A:VAL:HG21	1:43:A:MET:H	4	0.5
(13,2061)	1:39:A:VAL:HG22	1:43:A:MET:H	4	0.5
(13,2061)	1:39:A:VAL:HG23	1:43:A:MET:H	4	0.5
(13,1975)	1:17:A:ASN:HB2	1:18:A:PHE:HD1	19	0.5
(13,1975)	1:17:A:ASN:HB2	1:18:A:PHE:HD2	19	0.5
(13,1975)	1:17:A:ASN:HB3	1:18:A:PHE:HD1	19	0.5
(13,1975)	1:17:A:ASN:HB3	1:18:A:PHE:HD2	19	0.5
(13,1850)	1:18:A:PHE:HE1	1:131:A:LEU:H	6	0.5
(13,1850)	1:18:A:PHE:HE2	1:131:A:LEU:H	6	0.5
(13,1846)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	14	0.5
(13,1846)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	14	0.5
(13,1758)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	6	0.5
(13,1758)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	6	0.5
(13,1758)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	6	0.5
(13,1758)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	6	0.5
(13,1758)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	6	0.5
(13,1758)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	6	0.5
(13,1708)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	3	0.5
(13,1708)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	3	0.5
(13,1708)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	3	0.5
(13,1699)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	16	0.5
(13,1699)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	16	0.5
(13,1699)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	16	0.5
(13,1653)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.5
(13,1597)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	8	0.5
(13,1597)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	8	0.5
(13,1597)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	8	0.5
(13,1461)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	8	0.5
(13,1461)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	8	0.5
(13,1461)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	8	0.5
(13,1461)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	8	0.5
(13,1461)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	8	0.5
(13,1461)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	8	0.5
(13,1426)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	16	0.5
(13,1426)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	16	0.5
(13,1426)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	16	0.5
(13,1334)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	11	0.5
(13,1334)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	11	0.5
(13,1334)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	11	0.5
(13,1052)	1:54:A:ARG:HA	1:58:A:ILE:HG13	9	0.5
(13,1020)	1:63:A:ILE:H	1:63:A:ILE:HG12	17	0.5
(13,883)	1:69:A:MET:HE1	1:73:A:ILE:HB	14	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,883)	1:69:A:MET:HE2	1:73:A:ILE:HB	14	0.5
(13,883)	1:69:A:MET:HE3	1:73:A:ILE:HB	14	0.5
(13,877)	1:13:A:ALA:H	1:80:A:TYR:HB2	16	0.5
(13,846)	1:60:A:LEU:HB3	1:63:A:ILE:H	7	0.5
(13,806)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	3	0.5
(13,806)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	3	0.5
(13,806)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	3	0.5
(13,791)	1:32:A:GLY:HA2	1:33:A:LYS:H	4	0.5
(13,647)	1:101:A:ILE:HB	1:103:A:ARG:H	6	0.5
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG2	5	0.5
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG3	5	0.5
(13,67)	1:79:A:THR:HG21	1:81:A:GLU:H	4	0.5
(13,67)	1:79:A:THR:HG22	1:81:A:GLU:H	4	0.5
(13,67)	1:79:A:THR:HG23	1:81:A:GLU:H	4	0.5
(13,66)	1:13:A:ALA:HB1	1:81:A:GLU:H	11	0.5
(13,66)	1:13:A:ALA:HB2	1:81:A:GLU:H	11	0.5
(13,66)	1:13:A:ALA:HB3	1:81:A:GLU:H	11	0.5
(13,43)	1:47:A:ALA:H	1:52:A:CYS:HB2	2	0.5
(13,43)	1:47:A:ALA:H	1:52:A:CYS:HB3	2	0.5
(11,2346)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	19	0.5
(11,2346)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	19	0.5
(11,2346)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	19	0.5
(11,2346)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	19	0.5
(11,2346)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	19	0.5
(11,2346)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	19	0.5
(11,2346)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	19	0.5
(11,2346)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	19	0.5
(11,2346)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	19	0.5
(11,2346)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	19	0.5
(11,2346)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	19	0.5
(11,2346)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	19	0.5
(11,2341)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	3	0.5
(11,2341)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	3	0.5
(11,2341)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	3	0.5
(11,2341)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	3	0.5
(11,2341)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	3	0.5
(11,2341)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	3	0.5
(11,2341)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	3	0.5
(11,2341)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	3	0.5
(11,2341)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	3	0.5
(11,2341)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	3	0.5
(11,2341)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	3	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2341)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	3	0.5
(11,2216)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	11	0.5
(11,2216)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	11	0.5
(11,1998)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	19	0.5
(11,1998)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	19	0.5
(11,1998)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	19	0.5
(11,1998)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	19	0.5
(11,1998)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	19	0.5
(11,1998)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	19	0.5
(11,1998)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	19	0.5
(11,1998)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	19	0.5
(11,1998)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	19	0.5
(11,1998)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	19	0.5
(11,1998)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	19	0.5
(11,1998)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	19	0.5
(11,1966)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	5	0.5
(11,1966)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	5	0.5
(11,1966)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	5	0.5
(11,1966)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	5	0.5
(11,1924)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	14	0.5
(11,1924)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	14	0.5
(11,1924)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	14	0.5
(11,1924)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	14	0.5
(11,1924)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	14	0.5
(11,1924)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	14	0.5
(11,1923)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	11	0.5
(11,1923)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	11	0.5
(11,1904)	1:104:A:PHE:HE1	1:113:A:PHE:HA	16	0.5
(11,1904)	1:104:A:PHE:HE2	1:113:A:PHE:HA	16	0.5
(11,1844)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	13	0.5
(11,1844)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	13	0.5
(11,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	6	0.5
(11,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	6	0.5
(11,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	6	0.5
(11,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	6	0.5
(11,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	6	0.5
(11,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	6	0.5
(11,1769)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	16	0.5
(11,1769)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	16	0.5
(11,1769)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	16	0.5
(11,1742)	1:141:A:LYS:HA	1:145:A:PRO:HD3	17	0.5
(11,1555)	1:76:A:ARG:HG2	1:110:A:MET:HE1	5	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1555)	1:76:A:ARG:HG2	1:110:A:MET:HE2	5	0.5
(11,1555)	1:76:A:ARG:HG2	1:110:A:MET:HE3	5	0.5
(11,1555)	1:76:A:ARG:HG3	1:110:A:MET:HE1	5	0.5
(11,1555)	1:76:A:ARG:HG3	1:110:A:MET:HE2	5	0.5
(11,1555)	1:76:A:ARG:HG3	1:110:A:MET:HE3	5	0.5
(11,1554)	1:69:A:MET:HE1	1:76:A:ARG:HG2	13	0.5
(11,1554)	1:69:A:MET:HE1	1:76:A:ARG:HG3	13	0.5
(11,1554)	1:69:A:MET:HE2	1:76:A:ARG:HG2	13	0.5
(11,1554)	1:69:A:MET:HE2	1:76:A:ARG:HG3	13	0.5
(11,1554)	1:69:A:MET:HE3	1:76:A:ARG:HG2	13	0.5
(11,1554)	1:69:A:MET:HE3	1:76:A:ARG:HG3	13	0.5
(11,1554)	1:69:A:MET:HE1	1:76:A:ARG:HG2	14	0.5
(11,1554)	1:69:A:MET:HE1	1:76:A:ARG:HG3	14	0.5
(11,1554)	1:69:A:MET:HE2	1:76:A:ARG:HG2	14	0.5
(11,1554)	1:69:A:MET:HE2	1:76:A:ARG:HG3	14	0.5
(11,1554)	1:69:A:MET:HE3	1:76:A:ARG:HG2	14	0.5
(11,1554)	1:69:A:MET:HE3	1:76:A:ARG:HG3	14	0.5
(11,1312)	1:18:A:PHE:HZ	1:60:A:LEU:HD21	13	0.5
(11,1312)	1:18:A:PHE:HZ	1:60:A:LEU:HD22	13	0.5
(11,1312)	1:18:A:PHE:HZ	1:60:A:LEU:HD23	13	0.5
(11,1045)	1:63:A:ILE:H	1:63:A:ILE:HG12	17	0.5
(11,896)	1:73:A:ILE:HB	1:76:A:ARG:HA	3	0.5
(11,818)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	10	0.5
(11,818)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	10	0.5
(11,818)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	10	0.5
(11,818)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	10	0.5
(11,818)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	10	0.5
(11,818)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	10	0.5
(11,657)	1:101:A:ILE:HB	1:103:A:ARG:H	6	0.5
(11,621)	1:96:A:VAL:H	1:97:A:ASP:H	18	0.5
(11,400)	1:105:A:LYS:HD2	1:106:A:ASP:H	2	0.5
(11,400)	1:105:A:LYS:HD3	1:106:A:ASP:H	2	0.5
(11,50)	1:47:A:ALA:H	1:52:A:CYS:HB2	2	0.5
(11,50)	1:47:A:ALA:H	1:52:A:CYS:HB3	2	0.5
(9,2185)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	4	0.5
(9,2185)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	4	0.5
(9,2185)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	4	0.5
(9,2185)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	4	0.5
(9,2185)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	10	0.5
(9,2185)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	10	0.5
(9,2185)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	10	0.5
(9,2185)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	10	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG11	6	0.5
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG12	6	0.5
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG13	6	0.5
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG21	6	0.5
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG22	6	0.5
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG23	6	0.5
(9,2093)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	7	0.5
(9,2093)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	7	0.5
(9,2093)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	7	0.5
(9,2093)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	7	0.5
(9,2093)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	7	0.5
(9,2093)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	7	0.5
(9,2093)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	7	0.5
(9,2093)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	7	0.5
(9,2093)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	7	0.5
(9,2093)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	7	0.5
(9,2093)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	7	0.5
(9,2093)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	7	0.5
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD11	8	0.5
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD12	8	0.5
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD13	8	0.5
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD21	8	0.5
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD22	8	0.5
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD23	8	0.5
(9,1962)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	19	0.5
(9,1962)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	19	0.5
(9,1962)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	19	0.5
(9,1962)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	19	0.5
(9,1962)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	19	0.5
(9,1962)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	19	0.5
(9,1962)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	19	0.5
(9,1962)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	19	0.5
(9,1962)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	19	0.5
(9,1962)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	19	0.5
(9,1962)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	19	0.5
(9,1962)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	19	0.5
(9,1940)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	5	0.5
(9,1940)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	5	0.5
(9,1940)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	5	0.5
(9,1940)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	5	0.5
(9,1922)	1:9:A:PHE:HD1	1:40:A:LEU:HD11	13	0.5
(9,1922)	1:9:A:PHE:HD1	1:40:A:LEU:HD12	13	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1922)	1:9:A:PHE:HD1	1:40:A:LEU:HD13	13	0.5
(9,1922)	1:9:A:PHE:HD1	1:40:A:LEU:HD21	13	0.5
(9,1922)	1:9:A:PHE:HD1	1:40:A:LEU:HD22	13	0.5
(9,1922)	1:9:A:PHE:HD1	1:40:A:LEU:HD23	13	0.5
(9,1922)	1:9:A:PHE:HD2	1:40:A:LEU:HD11	13	0.5
(9,1922)	1:9:A:PHE:HD2	1:40:A:LEU:HD12	13	0.5
(9,1922)	1:9:A:PHE:HD2	1:40:A:LEU:HD13	13	0.5
(9,1922)	1:9:A:PHE:HD2	1:40:A:LEU:HD21	13	0.5
(9,1922)	1:9:A:PHE:HD2	1:40:A:LEU:HD22	13	0.5
(9,1922)	1:9:A:PHE:HD2	1:40:A:LEU:HD23	13	0.5
(9,1884)	1:104:A:PHE:HE1	1:113:A:PHE:HA	9	0.5
(9,1884)	1:104:A:PHE:HE2	1:113:A:PHE:HA	9	0.5
(9,1845)	1:9:A:PHE:HD1	1:57:A:LEU:HG	15	0.5
(9,1845)	1:9:A:PHE:HD2	1:57:A:LEU:HG	15	0.5
(9,1836)	1:13:A:ALA:HA	1:80:A:TYR:HE1	5	0.5
(9,1836)	1:13:A:ALA:HA	1:80:A:TYR:HE2	5	0.5
(9,1725)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	16	0.5
(9,1725)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	16	0.5
(9,1725)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	16	0.5
(9,1649)	1:69:A:MET:HE1	1:116:A:GLN:HG3	7	0.5
(9,1649)	1:69:A:MET:HE2	1:116:A:GLN:HG3	7	0.5
(9,1649)	1:69:A:MET:HE3	1:116:A:GLN:HG3	7	0.5
(9,1515)	1:69:A:MET:HE1	1:116:A:GLN:HE21	2	0.5
(9,1515)	1:69:A:MET:HE2	1:116:A:GLN:HE21	2	0.5
(9,1515)	1:69:A:MET:HE3	1:116:A:GLN:HE21	2	0.5
(9,1482)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	8	0.5
(9,1482)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	8	0.5
(9,1482)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	8	0.5
(9,1482)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	8	0.5
(9,1482)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	8	0.5
(9,1482)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	8	0.5
(9,1478)	1:101:A:ILE:HG21	1:103:A:ARG:HA	16	0.5
(9,1478)	1:101:A:ILE:HG22	1:103:A:ARG:HA	16	0.5
(9,1478)	1:101:A:ILE:HG23	1:103:A:ARG:HA	16	0.5
(9,1352)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	19	0.5
(9,1352)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	19	0.5
(9,1352)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	19	0.5
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB1	6	0.5
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB2	6	0.5
(9,1088)	1:141:A:LYS:HA	1:149:A:ALA:HB3	6	0.5
(9,1031)	1:63:A:ILE:H	1:63:A:ILE:HG12	17	0.5
(9,937)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	19	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	5	0.5
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	5	0.5
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	5	0.5
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	5	0.5
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	5	0.5
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	5	0.5
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG11	11	0.5
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG12	11	0.5
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG13	11	0.5
(9,692)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	15	0.5
(9,692)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	15	0.5
(9,692)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	15	0.5
(9,653)	1:101:A:ILE:HB	1:103:A:ARG:H	6	0.5
(9,306)	1:140:A:LEU:H	1:140:A:LEU:HD11	8	0.5
(9,306)	1:140:A:LEU:H	1:140:A:LEU:HD12	8	0.5
(9,306)	1:140:A:LEU:H	1:140:A:LEU:HD13	8	0.5
(9,236)	1:11:A:ILE:HB	1:44:A:GLU:H	9	0.5
(9,220)	1:44:A:GLU:HB2	1:48:A:ARG:H	4	0.5
(9,220)	1:44:A:GLU:HB3	1:48:A:ARG:H	4	0.5
(9,70)	1:79:A:THR:HG21	1:81:A:GLU:H	4	0.5
(9,70)	1:79:A:THR:HG22	1:81:A:GLU:H	4	0.5
(9,70)	1:79:A:THR:HG23	1:81:A:GLU:H	4	0.5
(9,69)	1:13:A:ALA:HB1	1:81:A:GLU:H	11	0.5
(9,69)	1:13:A:ALA:HB2	1:81:A:GLU:H	11	0.5
(9,69)	1:13:A:ALA:HB3	1:81:A:GLU:H	11	0.5
(9,45)	1:98:A:ILE:H	1:104:A:PHE:HB3	5	0.5
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD11	14	0.5
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD12	14	0.5
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD13	14	0.5
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD21	14	0.5
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD22	14	0.5
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD23	14	0.5
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD11	14	0.5
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD12	14	0.5
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD13	14	0.5
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD21	14	0.5
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD22	14	0.5
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD23	14	0.5
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD11	14	0.5
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD12	14	0.5
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD13	14	0.5
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD21	14	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD22	14	0.5
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD23	14	0.5
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD11	14	0.5
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD12	14	0.5
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD13	14	0.5
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD21	14	0.5
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD22	14	0.5
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD23	14	0.5
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD11	14	0.5
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD12	14	0.5
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD13	14	0.5
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD21	14	0.5
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD22	14	0.5
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD23	14	0.5
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD11	14	0.5
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD12	14	0.5
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD13	14	0.5
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD21	14	0.5
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD22	14	0.5
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD23	14	0.5
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD11	15	0.5
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD12	15	0.5
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD13	15	0.5
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD21	15	0.5
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD22	15	0.5
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD23	15	0.5
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD11	15	0.5
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD12	15	0.5
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD13	15	0.5
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD21	15	0.5
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD22	15	0.5
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD23	15	0.5
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD11	15	0.5
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD12	15	0.5
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD13	15	0.5
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD21	15	0.5
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD22	15	0.5
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD23	15	0.5
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD11	15	0.5
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD12	15	0.5
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD13	15	0.5
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD21	15	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD22	15	0.5
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD23	15	0.5
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD11	15	0.5
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD12	15	0.5
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD13	15	0.5
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD21	15	0.5
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD22	15	0.5
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD23	15	0.5
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD11	15	0.5
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD12	15	0.5
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD13	15	0.5
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD21	15	0.5
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD22	15	0.5
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD23	15	0.5
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	5	0.5
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	5	0.5
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	5	0.5
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	5	0.5
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	5	0.5
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	5	0.5
(7,1803)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	16	0.5
(7,1803)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	16	0.5
(7,1803)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	17	0.5
(7,1803)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	17	0.5
(7,1782)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	13	0.5
(7,1782)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	13	0.5
(7,1700)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	16	0.5
(7,1700)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	16	0.5
(7,1700)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	16	0.5
(7,1654)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.5
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	19	0.5
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	19	0.5
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	19	0.5
(7,1554)	1:101:A:ILE:HD11	1:112:A:GLN:HA	15	0.5
(7,1554)	1:101:A:ILE:HD12	1:112:A:GLN:HA	15	0.5
(7,1554)	1:101:A:ILE:HD13	1:112:A:GLN:HA	15	0.5
(7,1237)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	19	0.5
(7,1237)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	19	0.5
(7,1237)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	19	0.5
(7,1237)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	19	0.5
(7,1237)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	19	0.5
(7,1237)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	19	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1237)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	19	0.5
(7,1237)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	19	0.5
(7,1237)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	19	0.5
(7,1053)	1:54:A:ARG:HA	1:57:A:LEU:HD21	9	0.5
(7,1053)	1:54:A:ARG:HA	1:57:A:LEU:HD22	9	0.5
(7,1053)	1:54:A:ARG:HA	1:57:A:LEU:HD23	9	0.5
(7,1053)	1:54:A:ARG:HA	1:57:A:LEU:HD21	13	0.5
(7,1053)	1:54:A:ARG:HA	1:57:A:LEU:HD22	13	0.5
(7,1053)	1:54:A:ARG:HA	1:57:A:LEU:HD23	13	0.5
(7,810)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	10	0.5
(7,810)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	10	0.5
(7,810)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	10	0.5
(7,810)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	10	0.5
(7,810)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	10	0.5
(7,810)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	10	0.5
(7,807)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	5	0.5
(7,807)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	5	0.5
(7,807)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	5	0.5
(7,776)	1:63:A:ILE:HD11	1:64:A:LYS:H	10	0.5
(7,776)	1:63:A:ILE:HD12	1:64:A:LYS:H	10	0.5
(7,776)	1:63:A:ILE:HD13	1:64:A:LYS:H	10	0.5
(7,776)	1:63:A:ILE:HD11	1:64:A:LYS:H	13	0.5
(7,776)	1:63:A:ILE:HD12	1:64:A:LYS:H	13	0.5
(7,776)	1:63:A:ILE:HD13	1:64:A:LYS:H	13	0.5
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG11	11	0.5
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG12	11	0.5
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG13	11	0.5
(7,682)	1:145:A:PRO:HB2	1:148:A:CYS:H	6	0.5
(7,580)	1:50:A:ALA:HB1	1:126:A:GLY:H	1	0.5
(7,580)	1:50:A:ALA:HB2	1:126:A:GLY:H	1	0.5
(7,580)	1:50:A:ALA:HB3	1:126:A:GLY:H	1	0.5
(7,292)	1:121:A:VAL:H	1:123:A:CYS:H	4	0.5
(7,66)	1:79:A:THR:HG21	1:81:A:GLU:H	4	0.5
(7,66)	1:79:A:THR:HG22	1:81:A:GLU:H	4	0.5
(7,66)	1:79:A:THR:HG23	1:81:A:GLU:H	4	0.5
(7,42)	1:44:A:GLU:HG3	1:47:A:ALA:H	2	0.5
(6,2398)	1:125:A:THR:HB	1:129:A:LYS:HG2	2	0.5
(6,2398)	1:125:A:THR:HB	1:129:A:LYS:HG3	2	0.5
(6,2335)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	19	0.5
(6,2335)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	19	0.5
(6,2335)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	19	0.5
(6,2335)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	19	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2335)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	19	0.5
(6,2335)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	19	0.5
(6,2335)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	19	0.5
(6,2335)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	19	0.5
(6,2335)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	19	0.5
(6,2335)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	19	0.5
(6,2335)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	19	0.5
(6,2335)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	19	0.5
(6,2094)	1:38:A:GLU:HA	1:139:A:LEU:HD11	17	0.5
(6,2094)	1:38:A:GLU:HA	1:139:A:LEU:HD12	17	0.5
(6,2094)	1:38:A:GLU:HA	1:139:A:LEU:HD13	17	0.5
(6,2094)	1:38:A:GLU:HA	1:139:A:LEU:HD21	17	0.5
(6,2094)	1:38:A:GLU:HA	1:139:A:LEU:HD22	17	0.5
(6,2094)	1:38:A:GLU:HA	1:139:A:LEU:HD23	17	0.5
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD11	8	0.5
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD12	8	0.5
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD13	8	0.5
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD21	8	0.5
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD22	8	0.5
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD23	8	0.5
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD11	12	0.5
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD12	12	0.5
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD13	12	0.5
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD21	12	0.5
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD22	12	0.5
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD23	12	0.5
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE1	14	0.5
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE2	14	0.5
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE1	14	0.5
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE2	14	0.5
(6,1903)	1:18:A:PHE:HE1	1:131:A:LEU:H	6	0.5
(6,1903)	1:18:A:PHE:HE2	1:131:A:LEU:H	6	0.5
(6,1795)	1:13:A:ALA:HA	1:80:A:TYR:HD1	17	0.5
(6,1795)	1:13:A:ALA:HA	1:80:A:TYR:HD2	17	0.5
(6,1791)	1:80:A:TYR:HD1	1:81:A:GLU:HA	12	0.5
(6,1791)	1:80:A:TYR:HD2	1:81:A:GLU:HA	12	0.5
(6,1777)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	9	0.5
(6,1777)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	9	0.5
(6,1777)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	9	0.5
(6,1777)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	9	0.5
(6,1777)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	11	0.5
(6,1777)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	11	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1777)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	11	0.5
(6,1777)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	11	0.5
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD2	3	0.5
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD3	3	0.5
(6,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE1	5	0.5
(6,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE2	5	0.5
(6,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE3	5	0.5
(6,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE1	5	0.5
(6,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE2	5	0.5
(6,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE3	5	0.5
(6,1284)	1:18:A:PHE:HZ	1:60:A:LEU:HD21	13	0.5
(6,1284)	1:18:A:PHE:HZ	1:60:A:LEU:HD22	13	0.5
(6,1284)	1:18:A:PHE:HZ	1:60:A:LEU:HD23	13	0.5
(6,1088)	1:18:A:PHE:HA	1:113:A:PHE:HZ	11	0.5
(6,1019)	1:63:A:ILE:H	1:63:A:ILE:HG12	17	0.5
(6,994)	1:27:A:ARG:HB2	1:28:A:GLY:H	11	0.5
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	1	0.5
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	1	0.5
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	1	0.5
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	2	0.5
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	2	0.5
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	2	0.5
(6,854)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	5	0.5
(6,854)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	5	0.5
(6,832)	1:48:A:ARG:HD2	1:49:A:LYS:H	10	0.5
(6,832)	1:48:A:ARG:HD3	1:49:A:LYS:H	10	0.5
(6,815)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	10	0.5
(6,815)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	10	0.5
(6,815)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	10	0.5
(6,815)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	10	0.5
(6,815)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	10	0.5
(6,815)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	10	0.5
(6,801)	1:32:A:GLY:HA2	1:33:A:LYS:H	4	0.5
(6,788)	1:63:A:ILE:HD11	1:117:A:VAL:HB	8	0.5
(6,788)	1:63:A:ILE:HD12	1:117:A:VAL:HB	8	0.5
(6,788)	1:63:A:ILE:HD13	1:117:A:VAL:HB	8	0.5
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	10	0.5
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	10	0.5
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	10	0.5
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	10	0.5
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	10	0.5
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	10	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,371)	1:40:A:LEU:HB2	1:41:A:LYS:H	3	0.5
(6,293)	1:140:A:LEU:H	1:140:A:LEU:HD11	8	0.5
(6,293)	1:140:A:LEU:H	1:140:A:LEU:HD12	8	0.5
(6,293)	1:140:A:LEU:H	1:140:A:LEU:HD13	8	0.5
(6,131)	1:11:A:ILE:HG13	1:12:A:VAL:H	8	0.5
(6,131)	1:11:A:ILE:HG13	1:12:A:VAL:H	16	0.5
(6,69)	1:79:A:THR:HG21	1:81:A:GLU:H	4	0.5
(6,69)	1:79:A:THR:HG22	1:81:A:GLU:H	4	0.5
(6,69)	1:79:A:THR:HG23	1:81:A:GLU:H	4	0.5
(6,44)	1:47:A:ALA:H	1:52:A:CYS:HB2	2	0.5
(6,44)	1:47:A:ALA:H	1:52:A:CYS:HB3	2	0.5
(5,2214)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	14	0.5
(5,2214)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	14	0.5
(5,2214)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	14	0.5
(5,2214)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	14	0.5
(5,2214)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	14	0.5
(5,2214)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	14	0.5
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD11	12	0.5
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD12	12	0.5
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD13	12	0.5
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD21	12	0.5
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD22	12	0.5
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD23	12	0.5
(5,2099)	1:39:A:VAL:HG11	1:43:A:MET:H	4	0.5
(5,2099)	1:39:A:VAL:HG12	1:43:A:MET:H	4	0.5
(5,2099)	1:39:A:VAL:HG13	1:43:A:MET:H	4	0.5
(5,2099)	1:39:A:VAL:HG21	1:43:A:MET:H	4	0.5
(5,2099)	1:39:A:VAL:HG22	1:43:A:MET:H	4	0.5
(5,2099)	1:39:A:VAL:HG23	1:43:A:MET:H	4	0.5
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD11	2	0.5
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD12	2	0.5
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD13	2	0.5
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD21	2	0.5
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD22	2	0.5
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD23	2	0.5
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD11	4	0.5
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD12	4	0.5
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD13	4	0.5
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD21	4	0.5
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD22	4	0.5
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD23	4	0.5
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD11	13	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD12	13	0.5
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD13	13	0.5
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD21	13	0.5
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD22	13	0.5
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD23	13	0.5
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD11	19	0.5
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD12	19	0.5
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD13	19	0.5
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD21	19	0.5
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD22	19	0.5
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD23	19	0.5
(5,1986)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	15	0.5
(5,1986)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	15	0.5
(5,1986)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	15	0.5
(5,1986)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	15	0.5
(5,1986)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	15	0.5
(5,1986)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	15	0.5
(5,1986)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	15	0.5
(5,1986)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	15	0.5
(5,1986)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	15	0.5
(5,1986)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	15	0.5
(5,1986)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	15	0.5
(5,1986)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	15	0.5
(5,1986)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	15	0.5
(5,1986)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	15	0.5
(5,1986)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	15	0.5
(5,1986)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	15	0.5
(5,1986)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	15	0.5
(5,1986)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	15	0.5
(5,1917)	1:18:A:PHE:HE1	1:131:A:LEU:H	6	0.5
(5,1917)	1:18:A:PHE:HE2	1:131:A:LEU:H	6	0.5
(5,1882)	1:9:A:PHE:HZ	1:11:A:ILE:HA	17	0.5
(5,1825)	1:9:A:PHE:HD1	1:14:A:VAL:HB	3	0.5
(5,1825)	1:9:A:PHE:HD2	1:14:A:VAL:HB	3	0.5
(5,1821)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	6	0.5
(5,1821)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	6	0.5
(5,1821)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	6	0.5
(5,1821)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	6	0.5
(5,1821)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	6	0.5
(5,1821)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	6	0.5
(5,1812)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	4	0.5
(5,1812)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	4	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1812)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	4	0.5
(5,1812)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	4	0.5
(5,1757)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	16	0.5
(5,1757)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	16	0.5
(5,1757)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	16	0.5
(5,1748)	1:150:A:THR:HG21	1:151:A:PHE:HA	11	0.5
(5,1748)	1:150:A:THR:HG22	1:151:A:PHE:HA	11	0.5
(5,1748)	1:150:A:THR:HG23	1:151:A:PHE:HA	11	0.5
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	18	0.5
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	18	0.5
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	18	0.5
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	18	0.5
(5,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE1	5	0.5
(5,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE2	5	0.5
(5,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE3	5	0.5
(5,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE1	5	0.5
(5,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE2	5	0.5
(5,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE3	5	0.5
(5,1267)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	19	0.5
(5,1267)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	19	0.5
(5,1267)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	19	0.5
(5,1267)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	19	0.5
(5,1267)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	19	0.5
(5,1267)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	19	0.5
(5,1267)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	19	0.5
(5,1267)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	19	0.5
(5,1267)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	19	0.5
(5,1075)	1:54:A:ARG:HA	1:58:A:ILE:HB	3	0.5
(5,1044)	1:63:A:ILE:H	1:63:A:ILE:HG12	17	0.5
(5,1013)	1:27:A:ARG:HB2	1:28:A:GLY:H	11	0.5
(5,892)	1:69:A:MET:HE1	1:73:A:ILE:HB	14	0.5
(5,892)	1:69:A:MET:HE2	1:73:A:ILE:HB	14	0.5
(5,892)	1:69:A:MET:HE3	1:73:A:ILE:HB	14	0.5
(5,887)	1:11:A:ILE:HB	1:44:A:GLU:HG3	4	0.5
(5,806)	1:32:A:GLY:HA2	1:33:A:LYS:H	4	0.5
(5,694)	1:56:A:CYS:H	1:122:A:ASP:HB2	9	0.5
(5,554)	1:116:A:GLN:H	1:116:A:GLN:HE22	19	0.5
(5,487)	1:105:A:LYS:H	1:105:A:LYS:HD2	7	0.5
(5,487)	1:105:A:LYS:H	1:105:A:LYS:HD3	7	0.5
(5,212)	1:44:A:GLU:HB2	1:48:A:ARG:H	4	0.5
(5,212)	1:44:A:GLU:HB3	1:48:A:ARG:H	4	0.5
(5,65)	1:79:A:THR:HG21	1:81:A:GLU:H	4	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,65)	1:79:A:THR:HG22	1:81:A:GLU:H	4	0.5
(5,65)	1:79:A:THR:HG23	1:81:A:GLU:H	4	0.5
(5,44)	1:47:A:ALA:H	1:52:A:CYS:HB2	2	0.5
(5,44)	1:47:A:ALA:H	1:52:A:CYS:HB3	2	0.5
(4,2462)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	13	0.5
(4,2462)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	13	0.5
(4,2462)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	13	0.5
(4,2462)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	13	0.5
(4,2462)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	13	0.5
(4,2462)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	13	0.5
(4,2328)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	1	0.5
(4,2328)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	1	0.5
(4,2328)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	1	0.5
(4,2328)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	1	0.5
(4,2328)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	1	0.5
(4,2328)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	1	0.5
(4,2328)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	1	0.5
(4,2328)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	1	0.5
(4,2328)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	1	0.5
(4,2328)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	1	0.5
(4,2328)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	1	0.5
(4,2328)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	1	0.5
(4,2199)	1:60:A:LEU:HD11	1:120:A:CYS:HA	5	0.5
(4,2199)	1:60:A:LEU:HD12	1:120:A:CYS:HA	5	0.5
(4,2199)	1:60:A:LEU:HD13	1:120:A:CYS:HA	5	0.5
(4,2199)	1:60:A:LEU:HD21	1:120:A:CYS:HA	5	0.5
(4,2199)	1:60:A:LEU:HD22	1:120:A:CYS:HA	5	0.5
(4,2199)	1:60:A:LEU:HD23	1:120:A:CYS:HA	5	0.5
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	14	0.5
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	14	0.5
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	14	0.5
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG21	14	0.5
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG22	14	0.5
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG23	14	0.5
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD11	13	0.5
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD12	13	0.5
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD13	13	0.5
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD21	13	0.5
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD22	13	0.5
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD23	13	0.5
(4,2077)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	3	0.5
(4,2077)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	3	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2077)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	3	0.5
(4,2077)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	3	0.5
(4,2077)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	3	0.5
(4,2077)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	3	0.5
(4,2036)	1:23:A:LEU:HD11	1:25:A:ALA:H	3	0.5
(4,2036)	1:23:A:LEU:HD12	1:25:A:ALA:H	3	0.5
(4,2036)	1:23:A:LEU:HD13	1:25:A:ALA:H	3	0.5
(4,2036)	1:23:A:LEU:HD21	1:25:A:ALA:H	3	0.5
(4,2036)	1:23:A:LEU:HD22	1:25:A:ALA:H	3	0.5
(4,2036)	1:23:A:LEU:HD23	1:25:A:ALA:H	3	0.5
(4,1928)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	5	0.5
(4,1928)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	5	0.5
(4,1928)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	5	0.5
(4,1928)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	5	0.5
(4,1773)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	6	0.5
(4,1773)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	6	0.5
(4,1773)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	6	0.5
(4,1773)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	6	0.5
(4,1773)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	6	0.5
(4,1773)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	6	0.5
(4,1764)	1:80:A:TYR:HD1	1:81:A:GLU:HA	12	0.5
(4,1764)	1:80:A:TYR:HD2	1:81:A:GLU:HA	12	0.5
(4,1719)	1:18:A:PHE:HB3	1:132:A:ALA:HA	7	0.5
(4,1719)	1:18:A:PHE:HB2	1:132:A:ALA:HA	7	0.5
(4,1545)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	6	0.5
(4,1545)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	6	0.5
(4,1545)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	6	0.5
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD21	14	0.5
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD22	14	0.5
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD23	14	0.5
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	13	0.5
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	13	0.5
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	13	0.5
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	13	0.5
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	13	0.5
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	13	0.5
(4,1444)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	18	0.5
(4,1444)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	18	0.5
(4,1444)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	18	0.5
(4,1444)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	18	0.5
(4,1444)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	18	0.5
(4,1444)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	18	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1444)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	18	0.5
(4,1444)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	18	0.5
(4,1444)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	18	0.5
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD21	18	0.5
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD22	18	0.5
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD23	18	0.5
(4,1088)	1:18:A:PHE:HA	1:113:A:PHE:HZ	11	0.5
(4,1019)	1:63:A:ILE:H	1:63:A:ILE:HG12	17	0.5
(4,838)	1:48:A:ARG:HA	1:48:A:ARG:HD2	6	0.5
(4,838)	1:48:A:ARG:HA	1:48:A:ARG:HD3	6	0.5
(4,837)	1:48:A:ARG:HD2	1:49:A:LYS:H	10	0.5
(4,837)	1:48:A:ARG:HD3	1:49:A:LYS:H	10	0.5
(4,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	10	0.5
(4,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	10	0.5
(4,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	10	0.5
(4,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	10	0.5
(4,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	10	0.5
(4,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	10	0.5
(4,802)	1:32:A:GLY:HA2	1:33:A:LYS:H	4	0.5
(4,70)	1:79:A:THR:HG21	1:81:A:GLU:H	4	0.5
(4,70)	1:79:A:THR:HG22	1:81:A:GLU:H	4	0.5
(4,70)	1:79:A:THR:HG23	1:81:A:GLU:H	4	0.5
(4,48)	1:44:A:GLU:HG3	1:47:A:ALA:H	2	0.5
(3,2499)	1:140:A:LEU:HD11	1:144:A:LEU:H	17	0.5
(3,2499)	1:140:A:LEU:HD12	1:144:A:LEU:H	17	0.5
(3,2499)	1:140:A:LEU:HD13	1:144:A:LEU:H	17	0.5
(3,2499)	1:140:A:LEU:HD21	1:144:A:LEU:H	17	0.5
(3,2499)	1:140:A:LEU:HD22	1:144:A:LEU:H	17	0.5
(3,2499)	1:140:A:LEU:HD23	1:144:A:LEU:H	17	0.5
(3,2498)	1:140:A:LEU:HD11	1:143:A:TRP:HD1	10	0.5
(3,2498)	1:140:A:LEU:HD12	1:143:A:TRP:HD1	10	0.5
(3,2498)	1:140:A:LEU:HD13	1:143:A:TRP:HD1	10	0.5
(3,2498)	1:140:A:LEU:HD21	1:143:A:TRP:HD1	10	0.5
(3,2498)	1:140:A:LEU:HD22	1:143:A:TRP:HD1	10	0.5
(3,2498)	1:140:A:LEU:HD23	1:143:A:TRP:HD1	10	0.5
(3,2398)	1:116:A:GLN:HG2	1:119:A:LEU:HD11	3	0.5
(3,2398)	1:116:A:GLN:HG2	1:119:A:LEU:HD12	3	0.5
(3,2398)	1:116:A:GLN:HG2	1:119:A:LEU:HD13	3	0.5
(3,2398)	1:116:A:GLN:HG2	1:119:A:LEU:HD21	3	0.5
(3,2398)	1:116:A:GLN:HG2	1:119:A:LEU:HD22	3	0.5
(3,2398)	1:116:A:GLN:HG2	1:119:A:LEU:HD23	3	0.5
(3,2367)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	19	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2367)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	19	0.5
(3,2367)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	19	0.5
(3,2367)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	19	0.5
(3,2367)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	19	0.5
(3,2367)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	19	0.5
(3,2367)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	19	0.5
(3,2367)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	19	0.5
(3,2367)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	19	0.5
(3,2367)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	19	0.5
(3,2367)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	19	0.5
(3,2367)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	19	0.5
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE1	9	0.5
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE2	9	0.5
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE3	9	0.5
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE1	9	0.5
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE2	9	0.5
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE3	9	0.5
(3,2232)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	4	0.5
(3,2232)	1:60:A:LEU:HD11	1:122:A:ASP:HB3	4	0.5
(3,2232)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	4	0.5
(3,2232)	1:60:A:LEU:HD12	1:122:A:ASP:HB3	4	0.5
(3,2232)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	4	0.5
(3,2232)	1:60:A:LEU:HD13	1:122:A:ASP:HB3	4	0.5
(3,2232)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	4	0.5
(3,2232)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	4	0.5
(3,2232)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	4	0.5
(3,2232)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	4	0.5
(3,2232)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	4	0.5
(3,2232)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	4	0.5
(3,2230)	1:60:A:LEU:HD11	1:120:A:CYS:HA	2	0.5
(3,2230)	1:60:A:LEU:HD12	1:120:A:CYS:HA	2	0.5
(3,2230)	1:60:A:LEU:HD13	1:120:A:CYS:HA	2	0.5
(3,2230)	1:60:A:LEU:HD21	1:120:A:CYS:HA	2	0.5
(3,2230)	1:60:A:LEU:HD22	1:120:A:CYS:HA	2	0.5
(3,2230)	1:60:A:LEU:HD23	1:120:A:CYS:HA	2	0.5
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD11	14	0.5
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD12	14	0.5
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD13	14	0.5
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD21	14	0.5
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD22	14	0.5
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD23	14	0.5
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD11	16	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD12	16	0.5
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD13	16	0.5
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD21	16	0.5
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD22	16	0.5
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD23	16	0.5
(3,2107)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	13	0.5
(3,2107)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	13	0.5
(3,2107)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	13	0.5
(3,2107)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	13	0.5
(3,2107)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	13	0.5
(3,2107)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	13	0.5
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD11	12	0.5
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD12	12	0.5
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD13	12	0.5
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD21	12	0.5
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD22	12	0.5
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD23	12	0.5
(3,2021)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	7	0.5
(3,2021)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	7	0.5
(3,2021)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	7	0.5
(3,2021)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	7	0.5
(3,2021)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	7	0.5
(3,2021)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	7	0.5
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG2	9	0.5
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG3	9	0.5
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG2	9	0.5
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG3	9	0.5
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG2	9	0.5
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG3	9	0.5
(3,1973)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	5	0.5
(3,1973)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	5	0.5
(3,1973)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	5	0.5
(3,1973)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	5	0.5
(3,1904)	1:14:A:VAL:HA	1:18:A:PHE:HD1	17	0.5
(3,1904)	1:14:A:VAL:HA	1:18:A:PHE:HD2	17	0.5
(3,1883)	1:9:A:PHE:HZ	1:11:A:ILE:HA	17	0.5
(3,1823)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	6	0.5
(3,1823)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	6	0.5
(3,1823)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	6	0.5
(3,1823)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	6	0.5
(3,1823)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	6	0.5
(3,1823)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	6	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD1	10	0.5
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD2	10	0.5
(3,1813)	1:80:A:TYR:HD1	1:81:A:GLU:HA	12	0.5
(3,1813)	1:80:A:TYR:HD2	1:81:A:GLU:HA	12	0.5
(3,1580)	1:40:A:LEU:HD11	1:43:A:MET:H	2	0.5
(3,1580)	1:40:A:LEU:HD12	1:43:A:MET:H	2	0.5
(3,1580)	1:40:A:LEU:HD13	1:43:A:MET:H	2	0.5
(3,1465)	1:31:A:PRO:HD3	1:143:A:TRP:HA	6	0.5
(3,1255)	1:43:A:MET:H	1:140:A:LEU:HD11	2	0.5
(3,1255)	1:43:A:MET:H	1:140:A:LEU:HD12	2	0.5
(3,1255)	1:43:A:MET:H	1:140:A:LEU:HD13	2	0.5
(3,1126)	1:18:A:PHE:HA	1:113:A:PHE:HZ	11	0.5
(3,1024)	1:27:A:ARG:HB2	1:28:A:GLY:H	11	0.5
(3,857)	1:48:A:ARG:HD2	1:49:A:LYS:H	10	0.5
(3,857)	1:48:A:ARG:HD3	1:49:A:LYS:H	10	0.5
(3,807)	1:11:A:ILE:HD11	1:43:A:MET:HG3	3	0.5
(3,807)	1:11:A:ILE:HD12	1:43:A:MET:HG3	3	0.5
(3,807)	1:11:A:ILE:HD13	1:43:A:MET:HG3	3	0.5
(3,585)	1:50:A:ALA:HB1	1:126:A:GLY:H	1	0.5
(3,585)	1:50:A:ALA:HB2	1:126:A:GLY:H	1	0.5
(3,585)	1:50:A:ALA:HB3	1:126:A:GLY:H	1	0.5
(3,278)	1:113:A:PHE:H	1:116:A:GLN:HG3	13	0.5
(3,104)	1:69:A:MET:H	1:69:A:MET:HE1	6	0.5
(3,104)	1:69:A:MET:H	1:69:A:MET:HE2	6	0.5
(3,104)	1:69:A:MET:H	1:69:A:MET:HE3	6	0.5
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD11	8	0.5
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD12	8	0.5
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD13	8	0.5
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD21	8	0.5
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD22	8	0.5
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD23	8	0.5
(2,2056)	1:23:A:LEU:HD11	1:25:A:ALA:H	3	0.5
(2,2056)	1:23:A:LEU:HD12	1:25:A:ALA:H	3	0.5
(2,2056)	1:23:A:LEU:HD13	1:25:A:ALA:H	3	0.5
(2,2056)	1:23:A:LEU:HD21	1:25:A:ALA:H	3	0.5
(2,2056)	1:23:A:LEU:HD22	1:25:A:ALA:H	3	0.5
(2,2056)	1:23:A:LEU:HD23	1:25:A:ALA:H	3	0.5
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE1	14	0.5
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE2	14	0.5
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE3	14	0.5
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE1	14	0.5
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE2	14	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE3	14	0.5
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE1	14	0.5
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE2	14	0.5
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE3	14	0.5
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE1	14	0.5
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE2	14	0.5
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE3	14	0.5
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE1	14	0.5
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE2	14	0.5
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE3	14	0.5
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE1	14	0.5
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE2	14	0.5
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE3	14	0.5
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE1	17	0.5
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE2	17	0.5
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE3	17	0.5
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE1	17	0.5
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE2	17	0.5
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE3	17	0.5
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE1	17	0.5
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE2	17	0.5
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE3	17	0.5
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE1	17	0.5
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE2	17	0.5
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE3	17	0.5
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE1	17	0.5
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE2	17	0.5
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE3	17	0.5
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE1	17	0.5
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE2	17	0.5
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE3	17	0.5
(2,1845)	1:9:A:PHE:HZ	1:54:A:ARG:HE	10	0.5
(2,1751)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	16	0.5
(2,1751)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	16	0.5
(2,1751)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	16	0.5
(2,1724)	1:141:A:LYS:HA	1:145:A:PRO:HD3	17	0.5
(2,1702)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.5
(2,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	10	0.5
(2,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	10	0.5
(2,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	10	0.5
(2,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	10	0.5
(2,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	10	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	10	0.5
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG21	12	0.5
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG22	12	0.5
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG23	12	0.5
(2,1535)	1:76:A:ARG:HG2	1:110:A:MET:HE1	5	0.5
(2,1535)	1:76:A:ARG:HG2	1:110:A:MET:HE2	5	0.5
(2,1535)	1:76:A:ARG:HG2	1:110:A:MET:HE3	5	0.5
(2,1535)	1:76:A:ARG:HG3	1:110:A:MET:HE1	5	0.5
(2,1535)	1:76:A:ARG:HG3	1:110:A:MET:HE2	5	0.5
(2,1535)	1:76:A:ARG:HG3	1:110:A:MET:HE3	5	0.5
(2,1520)	1:69:A:MET:HE1	1:116:A:GLN:HE21	2	0.5
(2,1520)	1:69:A:MET:HE2	1:116:A:GLN:HE21	2	0.5
(2,1520)	1:69:A:MET:HE3	1:116:A:GLN:HE21	2	0.5
(2,1492)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	8	0.5
(2,1492)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	8	0.5
(2,1492)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	8	0.5
(2,1492)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	8	0.5
(2,1492)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	8	0.5
(2,1492)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	8	0.5
(2,1232)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	6	0.5
(2,1232)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	6	0.5
(2,1232)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	6	0.5
(2,1172)	1:128:A:LEU:HD11	1:129:A:LYS:H	6	0.5
(2,1172)	1:128:A:LEU:HD12	1:129:A:LYS:H	6	0.5
(2,1172)	1:128:A:LEU:HD13	1:129:A:LYS:H	6	0.5
(2,1172)	1:128:A:LEU:HD11	1:129:A:LYS:H	13	0.5
(2,1172)	1:128:A:LEU:HD12	1:129:A:LYS:H	13	0.5
(2,1172)	1:128:A:LEU:HD13	1:129:A:LYS:H	13	0.5
(2,1029)	1:63:A:ILE:H	1:63:A:ILE:HG12	17	0.5
(2,1002)	1:27:A:ARG:HB2	1:28:A:GLY:H	11	0.5
(2,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	10	0.5
(2,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	10	0.5
(2,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	10	0.5
(2,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	10	0.5
(2,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	10	0.5
(2,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	10	0.5
(2,813)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	5	0.5
(2,813)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	5	0.5
(2,813)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	5	0.5
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG11	11	0.5
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG12	11	0.5
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG13	11	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,712)	1:9:A:PHE:HD1	1:54:A:ARG:HE	17	0.5
(2,712)	1:9:A:PHE:HD2	1:54:A:ARG:HE	17	0.5
(2,622)	1:40:A:LEU:H	1:43:A:MET:HG3	14	0.5
(2,155)	1:127:A:CYS:H	1:128:A:LEU:HG	5	0.5
(2,68)	1:79:A:THR:HG21	1:81:A:GLU:H	4	0.5
(2,68)	1:79:A:THR:HG22	1:81:A:GLU:H	4	0.5
(2,68)	1:79:A:THR:HG23	1:81:A:GLU:H	4	0.5
(2,67)	1:13:A:ALA:HB1	1:81:A:GLU:H	11	0.5
(2,67)	1:13:A:ALA:HB2	1:81:A:GLU:H	11	0.5
(2,67)	1:13:A:ALA:HB3	1:81:A:GLU:H	11	0.5
(2,44)	1:47:A:ALA:H	1:52:A:CYS:HB2	2	0.5
(2,44)	1:47:A:ALA:H	1:52:A:CYS:HB3	2	0.5
(1,2328)	1:113:A:PHE:HE1	1:114:A:ILE:HG12	11	0.5
(1,2328)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	11	0.5
(1,2328)	1:113:A:PHE:HE2	1:114:A:ILE:HG12	11	0.5
(1,2328)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	11	0.5
(1,2308)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	19	0.5
(1,2308)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	19	0.5
(1,2308)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	19	0.5
(1,2308)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	19	0.5
(1,2308)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	19	0.5
(1,2308)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	19	0.5
(1,2308)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	19	0.5
(1,2308)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	19	0.5
(1,2308)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	19	0.5
(1,2308)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	19	0.5
(1,2308)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	19	0.5
(1,2308)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	19	0.5
(1,2102)	1:39:A:VAL:HG11	1:43:A:MET:H	4	0.5
(1,2102)	1:39:A:VAL:HG12	1:43:A:MET:H	4	0.5
(1,2102)	1:39:A:VAL:HG13	1:43:A:MET:H	4	0.5
(1,2102)	1:39:A:VAL:HG21	1:43:A:MET:H	4	0.5
(1,2102)	1:39:A:VAL:HG22	1:43:A:MET:H	4	0.5
(1,2102)	1:39:A:VAL:HG23	1:43:A:MET:H	4	0.5
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD11	10	0.5
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD12	10	0.5
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD13	10	0.5
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD21	10	0.5
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD22	10	0.5
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD23	10	0.5
(1,1917)	1:63:A:ILE:HB	1:113:A:PHE:HD1	11	0.5
(1,1917)	1:63:A:ILE:HB	1:113:A:PHE:HD2	11	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	1	0.5
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	1	0.5
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	1	0.5
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	1	0.5
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	1	0.5
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	1	0.5
(1,1856)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	2	0.5
(1,1856)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	2	0.5
(1,1856)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	2	0.5
(1,1829)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	7	0.5
(1,1829)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	7	0.5
(1,1829)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	7	0.5
(1,1829)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	7	0.5
(1,1829)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	7	0.5
(1,1829)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	7	0.5
(1,1798)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	4	0.5
(1,1798)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	4	0.5
(1,1798)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	4	0.5
(1,1798)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	4	0.5
(1,1796)	1:80:A:TYR:HD1	1:81:A:GLU:HA	12	0.5
(1,1796)	1:80:A:TYR:HD2	1:81:A:GLU:HA	12	0.5
(1,1753)	1:31:A:PRO:HB2	1:35:A:LEU:HA	10	0.5
(1,1753)	1:31:A:PRO:HB3	1:35:A:LEU:HA	10	0.5
(1,1669)	1:69:A:MET:HE1	1:116:A:GLN:HG3	7	0.5
(1,1669)	1:69:A:MET:HE2	1:116:A:GLN:HG3	7	0.5
(1,1669)	1:69:A:MET:HE3	1:116:A:GLN:HG3	7	0.5
(1,1626)	1:21:A:THR:HB	1:24:A:ASP:HA	8	0.5
(1,1598)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	11	0.5
(1,1598)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	11	0.5
(1,1598)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	11	0.5
(1,1598)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	17	0.5
(1,1598)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	17	0.5
(1,1598)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	17	0.5
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE1	4	0.5
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE2	4	0.5
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE3	4	0.5
(1,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	8	0.5
(1,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	8	0.5
(1,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	8	0.5
(1,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	8	0.5
(1,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	8	0.5
(1,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	8	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1345)	1:125:A:THR:HG21	1:128:A:LEU:HB2	8	0.5
(1,1345)	1:125:A:THR:HG22	1:128:A:LEU:HB2	8	0.5
(1,1345)	1:125:A:THR:HG23	1:128:A:LEU:HB2	8	0.5
(1,1345)	1:125:A:THR:HG21	1:128:A:LEU:HB2	14	0.5
(1,1345)	1:125:A:THR:HG22	1:128:A:LEU:HB2	14	0.5
(1,1345)	1:125:A:THR:HG23	1:128:A:LEU:HB2	14	0.5
(1,1345)	1:125:A:THR:HG21	1:128:A:LEU:HB2	15	0.5
(1,1345)	1:125:A:THR:HG22	1:128:A:LEU:HB2	15	0.5
(1,1345)	1:125:A:THR:HG23	1:128:A:LEU:HB2	15	0.5
(1,1292)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	2	0.5
(1,1292)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	2	0.5
(1,1292)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	2	0.5
(1,1260)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	19	0.5
(1,1260)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	19	0.5
(1,1260)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	19	0.5
(1,1260)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	19	0.5
(1,1260)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	19	0.5
(1,1260)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	19	0.5
(1,1260)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	19	0.5
(1,1260)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	19	0.5
(1,1260)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	19	0.5
(1,1249)	1:21:A:THR:HG21	1:23:A:LEU:HA	8	0.5
(1,1249)	1:21:A:THR:HG22	1:23:A:LEU:HA	8	0.5
(1,1249)	1:21:A:THR:HG23	1:23:A:LEU:HA	8	0.5
(1,1079)	1:54:A:ARG:HA	1:58:A:ILE:HG13	9	0.5
(1,1046)	1:63:A:ILE:H	1:63:A:ILE:HG12	17	0.5
(1,849)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	17	0.5
(1,849)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	17	0.5
(1,849)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	17	0.5
(1,849)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	17	0.5
(1,849)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	17	0.5
(1,849)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	17	0.5
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG11	11	0.5
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG12	11	0.5
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG13	11	0.5
(1,227)	1:44:A:GLU:HB2	1:48:A:ARG:H	4	0.5
(1,227)	1:44:A:GLU:HB3	1:48:A:ARG:H	4	0.5
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD1	8	0.5
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD2	8	0.5
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD1	14	0.5
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD2	14	0.5
(1,127)	1:79:A:THR:H	1:80:A:TYR:H	1	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,127)	1:79:A:THR:H	1:80:A:TYR:H	3	0.5
(1,127)	1:79:A:THR:H	1:80:A:TYR:H	15	0.5
(1,72)	1:79:A:THR:HG21	1:81:A:GLU:H	4	0.5
(1,72)	1:79:A:THR:HG22	1:81:A:GLU:H	4	0.5
(1,72)	1:79:A:THR:HG23	1:81:A:GLU:H	4	0.5
(1,52)	1:47:A:ALA:H	1:52:A:CYS:HB2	2	0.5
(1,52)	1:47:A:ALA:H	1:52:A:CYS:HB3	2	0.5
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	14	0.49
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	14	0.49
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	14	0.49
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	14	0.49
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	14	0.49
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	14	0.49
(34,1952)	1:10:A:ASN:HD21	1:12:A:VAL:HG11	5	0.49
(34,1952)	1:10:A:ASN:HD21	1:12:A:VAL:HG12	5	0.49
(34,1952)	1:10:A:ASN:HD21	1:12:A:VAL:HG13	5	0.49
(34,1952)	1:10:A:ASN:HD21	1:12:A:VAL:HG21	5	0.49
(34,1952)	1:10:A:ASN:HD21	1:12:A:VAL:HG22	5	0.49
(34,1952)	1:10:A:ASN:HD21	1:12:A:VAL:HG23	5	0.49
(34,1935)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	1	0.49
(34,1935)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	1	0.49
(34,1868)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	15	0.49
(34,1868)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	15	0.49
(34,1831)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	1	0.49
(34,1831)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	1	0.49
(34,1831)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	1	0.49
(34,1831)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	1	0.49
(34,1831)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	1	0.49
(34,1831)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	1	0.49
(34,1804)	1:13:A:ALA:HA	1:80:A:TYR:HD1	1	0.49
(34,1804)	1:13:A:ALA:HA	1:80:A:TYR:HD2	1	0.49
(34,1775)	1:97:A:ASP:HA	1:105:A:LYS:HG3	15	0.49
(34,1752)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	3	0.49
(34,1752)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	3	0.49
(34,1752)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	3	0.49
(34,1611)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	10	0.49
(34,1611)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	10	0.49
(34,1611)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	10	0.49
(34,1611)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	10	0.49
(34,1611)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	10	0.49
(34,1611)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	10	0.49
(34,1584)	1:11:A:ILE:HD11	1:14:A:VAL:H	15	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1584)	1:11:A:ILE:HD12	1:14:A:VAL:H	15	0.49
(34,1584)	1:11:A:ILE:HD13	1:14:A:VAL:H	15	0.49
(34,1553)	1:76:A:ARG:HE	1:110:A:MET:HE1	11	0.49
(34,1553)	1:76:A:ARG:HE	1:110:A:MET:HE2	11	0.49
(34,1553)	1:76:A:ARG:HE	1:110:A:MET:HE3	11	0.49
(34,1541)	1:69:A:MET:HE1	1:113:A:PHE:HB3	5	0.49
(34,1541)	1:69:A:MET:HE2	1:113:A:PHE:HB3	5	0.49
(34,1541)	1:69:A:MET:HE3	1:113:A:PHE:HB3	5	0.49
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD21	16	0.49
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD22	16	0.49
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD23	16	0.49
(34,1254)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	14	0.49
(34,1254)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	14	0.49
(34,1254)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	14	0.49
(34,1250)	1:105:A:LYS:HG2	1:106:A:ASP:HA	5	0.49
(34,1250)	1:105:A:LYS:HG2	1:106:A:ASP:HA	19	0.49
(34,1220)	1:38:A:GLU:HA	1:139:A:LEU:HD11	1	0.49
(34,1220)	1:38:A:GLU:HA	1:139:A:LEU:HD12	1	0.49
(34,1220)	1:38:A:GLU:HA	1:139:A:LEU:HD13	1	0.49
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD11	8	0.49
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD12	8	0.49
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD13	8	0.49
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD11	13	0.49
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD12	13	0.49
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD13	13	0.49
(34,1018)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	3	0.49
(34,1018)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	3	0.49
(34,985)	1:11:A:ILE:HD11	1:43:A:MET:HB3	14	0.49
(34,985)	1:11:A:ILE:HD12	1:43:A:MET:HB3	14	0.49
(34,985)	1:11:A:ILE:HD13	1:43:A:MET:HB3	14	0.49
(34,939)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	19	0.49
(34,939)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	19	0.49
(34,939)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	19	0.49
(34,932)	1:44:A:GLU:H	1:44:A:GLU:HG3	11	0.49
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	1	0.49
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	1	0.49
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	1	0.49
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	1	0.49
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	1	0.49
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	1	0.49
(34,666)	1:101:A:ILE:HB	1:103:A:ARG:H	10	0.49
(34,661)	1:79:A:THR:H	1:80:A:TYR:HD1	15	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,661)	1:79:A:THR:H	1:80:A:TYR:HD2	15	0.49
(34,404)	1:105:A:LYS:HG3	1:106:A:ASP:H	13	0.49
(34,239)	1:11:A:ILE:HB	1:44:A:GLU:H	3	0.49
(34,221)	1:110:A:MET:HG2	1:114:A:ILE:H	13	0.49
(34,221)	1:110:A:MET:HG3	1:114:A:ILE:H	13	0.49
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD11	19	0.49
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD12	19	0.49
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD13	19	0.49
(34,127)	1:48:A:ARG:HD2	1:49:A:LYS:H	14	0.49
(34,127)	1:48:A:ARG:HD3	1:49:A:LYS:H	14	0.49
(34,16)	1:64:A:LYS:H	1:64:A:LYS:HD2	3	0.49
(34,16)	1:64:A:LYS:H	1:64:A:LYS:HD3	3	0.49
(33,2285)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	10	0.49
(33,2285)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	10	0.49
(33,2275)	1:73:A:ILE:HG21	1:113:A:PHE:HB2	8	0.49
(33,2275)	1:73:A:ILE:HG21	1:113:A:PHE:HB3	8	0.49
(33,2275)	1:73:A:ILE:HG22	1:113:A:PHE:HB2	8	0.49
(33,2275)	1:73:A:ILE:HG22	1:113:A:PHE:HB3	8	0.49
(33,2275)	1:73:A:ILE:HG23	1:113:A:PHE:HB2	8	0.49
(33,2275)	1:73:A:ILE:HG23	1:113:A:PHE:HB3	8	0.49
(33,2254)	1:69:A:MET:HG2	1:73:A:ILE:HD11	7	0.49
(33,2254)	1:69:A:MET:HG2	1:73:A:ILE:HD12	7	0.49
(33,2254)	1:69:A:MET:HG2	1:73:A:ILE:HD13	7	0.49
(33,2254)	1:69:A:MET:HG3	1:73:A:ILE:HD11	7	0.49
(33,2254)	1:69:A:MET:HG3	1:73:A:ILE:HD12	7	0.49
(33,2254)	1:69:A:MET:HG3	1:73:A:ILE:HD13	7	0.49
(33,2070)	1:34:A:LYS:HG2	1:81:A:GLU:HB2	8	0.49
(33,2070)	1:34:A:LYS:HG2	1:81:A:GLU:HB3	8	0.49
(33,2070)	1:34:A:LYS:HG3	1:81:A:GLU:HB2	8	0.49
(33,2070)	1:34:A:LYS:HG3	1:81:A:GLU:HB3	8	0.49
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	6	0.49
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	6	0.49
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	6	0.49
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	6	0.49
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	6	0.49
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	6	0.49
(33,1943)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	10	0.49
(33,1943)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	10	0.49
(33,1943)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	10	0.49
(33,1943)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	10	0.49
(33,1900)	1:151:A:PHE:H	1:151:A:PHE:HD1	15	0.49
(33,1900)	1:151:A:PHE:H	1:151:A:PHE:HD2	15	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1856)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	15	0.49
(33,1856)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	15	0.49
(33,1849)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.49
(33,1849)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.49
(33,1769)	1:101:A:ILE:HG21	1:102:A:PRO:HA	19	0.49
(33,1769)	1:101:A:ILE:HG22	1:102:A:PRO:HA	19	0.49
(33,1769)	1:101:A:ILE:HG23	1:102:A:PRO:HA	19	0.49
(33,1556)	1:11:A:ILE:HD11	1:14:A:VAL:H	15	0.49
(33,1556)	1:11:A:ILE:HD12	1:14:A:VAL:H	15	0.49
(33,1556)	1:11:A:ILE:HD13	1:14:A:VAL:H	15	0.49
(33,1529)	1:76:A:ARG:HE	1:110:A:MET:HE1	11	0.49
(33,1529)	1:76:A:ARG:HE	1:110:A:MET:HE2	11	0.49
(33,1529)	1:76:A:ARG:HE	1:110:A:MET:HE3	11	0.49
(33,1518)	1:69:A:MET:HE1	1:113:A:PHE:HB3	5	0.49
(33,1518)	1:69:A:MET:HE2	1:113:A:PHE:HB3	5	0.49
(33,1518)	1:69:A:MET:HE3	1:113:A:PHE:HB3	5	0.49
(33,1269)	1:118:A:ASP:HA	1:121:A:VAL:HG11	18	0.49
(33,1269)	1:118:A:ASP:HA	1:121:A:VAL:HG12	18	0.49
(33,1269)	1:118:A:ASP:HA	1:121:A:VAL:HG13	18	0.49
(33,1267)	1:23:A:LEU:HA	1:23:A:LEU:HD11	11	0.49
(33,1267)	1:23:A:LEU:HA	1:23:A:LEU:HD12	11	0.49
(33,1267)	1:23:A:LEU:HA	1:23:A:LEU:HD13	11	0.49
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD21	5	0.49
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD22	5	0.49
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD23	5	0.49
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB1	17	0.49
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB2	17	0.49
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB3	17	0.49
(33,1083)	1:48:A:ARG:HG2	1:49:A:LYS:HA	3	0.49
(33,1083)	1:48:A:ARG:HG3	1:49:A:LYS:HA	3	0.49
(33,1082)	1:45:A:ALA:HA	1:48:A:ARG:HG2	10	0.49
(33,1082)	1:45:A:ALA:HA	1:48:A:ARG:HG3	10	0.49
(33,1042)	1:20:A:THR:HG21	1:21:A:THR:HA	11	0.49
(33,1042)	1:20:A:THR:HG22	1:21:A:THR:HA	11	0.49
(33,1042)	1:20:A:THR:HG23	1:21:A:THR:HA	11	0.49
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB1	14	0.49
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB2	14	0.49
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB3	14	0.49
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB1	14	0.49
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB2	14	0.49
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB3	14	0.49
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB1	16	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB2	16	0.49
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB3	16	0.49
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB1	16	0.49
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB2	16	0.49
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB3	16	0.49
(33,820)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	18	0.49
(33,820)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	18	0.49
(33,820)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	18	0.49
(33,814)	1:64:A:LYS:H	1:98:A:ILE:HD11	6	0.49
(33,814)	1:64:A:LYS:H	1:98:A:ILE:HD12	6	0.49
(33,814)	1:64:A:LYS:H	1:98:A:ILE:HD13	6	0.49
(33,718)	1:44:A:GLU:HB2	1:54:A:ARG:HE	10	0.49
(33,718)	1:44:A:GLU:HB3	1:54:A:ARG:HE	10	0.49
(33,573)	1:16:A:SER:H	1:131:A:LEU:HB3	19	0.49
(33,254)	1:27:A:ARG:HA	1:29:A:LYS:H	10	0.49
(33,229)	1:44:A:GLU:HG3	1:48:A:ARG:H	17	0.49
(33,214)	1:110:A:MET:HG2	1:114:A:ILE:H	13	0.49
(33,214)	1:110:A:MET:HG3	1:114:A:ILE:H	13	0.49
(33,148)	1:131:A:LEU:H	1:131:A:LEU:HG	2	0.49
(33,47)	1:98:A:ILE:H	1:104:A:PHE:HB3	3	0.49
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD11	14	0.49
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD12	14	0.49
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD13	14	0.49
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD21	14	0.49
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD22	14	0.49
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD23	14	0.49
(32,2161)	1:47:A:ALA:H	1:131:A:LEU:HD11	4	0.49
(32,2161)	1:47:A:ALA:H	1:131:A:LEU:HD12	4	0.49
(32,2161)	1:47:A:ALA:H	1:131:A:LEU:HD13	4	0.49
(32,2161)	1:47:A:ALA:H	1:131:A:LEU:HD21	4	0.49
(32,2161)	1:47:A:ALA:H	1:131:A:LEU:HD22	4	0.49
(32,2161)	1:47:A:ALA:H	1:131:A:LEU:HD23	4	0.49
(32,1912)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	10	0.49
(32,1912)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	10	0.49
(32,1912)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	10	0.49
(32,1912)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	10	0.49
(32,1866)	1:151:A:PHE:H	1:151:A:PHE:HD1	15	0.49
(32,1866)	1:151:A:PHE:H	1:151:A:PHE:HD2	15	0.49
(32,1819)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.49
(32,1819)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.49
(32,1810)	1:79:A:THR:HB	1:80:A:TYR:HE1	17	0.49
(32,1810)	1:79:A:THR:HB	1:80:A:TYR:HE2	17	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1751)	1:13:A:ALA:HA	1:80:A:TYR:HD1	1	0.49
(32,1751)	1:13:A:ALA:HA	1:80:A:TYR:HD2	1	0.49
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG21	17	0.49
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG22	17	0.49
(32,1547)	1:64:A:LYS:H	1:98:A:ILE:HG23	17	0.49
(32,1546)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	14	0.49
(32,1546)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	14	0.49
(32,1546)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	14	0.49
(32,1546)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	18	0.49
(32,1546)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	18	0.49
(32,1546)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	18	0.49
(32,1498)	1:76:A:ARG:HE	1:110:A:MET:HE1	11	0.49
(32,1498)	1:76:A:ARG:HE	1:110:A:MET:HE2	11	0.49
(32,1498)	1:76:A:ARG:HE	1:110:A:MET:HE3	11	0.49
(32,1487)	1:69:A:MET:HE1	1:113:A:PHE:HB3	5	0.49
(32,1487)	1:69:A:MET:HE2	1:113:A:PHE:HB3	5	0.49
(32,1487)	1:69:A:MET:HE3	1:113:A:PHE:HB3	5	0.49
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD11	19	0.49
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD12	19	0.49
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD13	19	0.49
(32,915)	1:67:A:PRO:HA	1:70:A:LYS:HB2	2	0.49
(32,915)	1:67:A:PRO:HA	1:70:A:LYS:HB3	2	0.49
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	13	0.49
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	13	0.49
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	13	0.49
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	13	0.49
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	13	0.49
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	13	0.49
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	13	0.49
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	13	0.49
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	13	0.49
(32,793)	1:64:A:LYS:H	1:98:A:ILE:HD11	6	0.49
(32,793)	1:64:A:LYS:H	1:98:A:ILE:HD12	6	0.49
(32,793)	1:64:A:LYS:H	1:98:A:ILE:HD13	6	0.49
(32,792)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	11	0.49
(32,792)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	11	0.49
(32,792)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	11	0.49
(32,792)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	14	0.49
(32,792)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	14	0.49
(32,792)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	14	0.49
(32,344)	1:104:A:PHE:H	1:104:A:PHE:HD1	17	0.49
(32,344)	1:104:A:PHE:H	1:104:A:PHE:HD2	17	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,344)	1:104:A:PHE:H	1:104:A:PHE:HD1	19	0.49
(32,344)	1:104:A:PHE:H	1:104:A:PHE:HD2	19	0.49
(32,249)	1:27:A:ARG:HA	1:29:A:LYS:H	10	0.49
(32,208)	1:110:A:MET:HG2	1:114:A:ILE:H	13	0.49
(32,208)	1:110:A:MET:HG3	1:114:A:ILE:H	13	0.49
(32,146)	1:131:A:LEU:H	1:131:A:LEU:HG	2	0.49
(32,49)	1:98:A:ILE:H	1:101:A:ILE:HG13	11	0.49
(30,2346)	1:107:A:LEU:HD11	1:112:A:GLN:HA	3	0.49
(30,2346)	1:107:A:LEU:HD12	1:112:A:GLN:HA	3	0.49
(30,2346)	1:107:A:LEU:HD13	1:112:A:GLN:HA	3	0.49
(30,2346)	1:107:A:LEU:HD21	1:112:A:GLN:HA	3	0.49
(30,2346)	1:107:A:LEU:HD22	1:112:A:GLN:HA	3	0.49
(30,2346)	1:107:A:LEU:HD23	1:112:A:GLN:HA	3	0.49
(30,2287)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	19	0.49
(30,2287)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	19	0.49
(30,2157)	1:43:A:MET:H	1:43:A:MET:HG2	2	0.49
(30,2157)	1:43:A:MET:H	1:43:A:MET:HG3	2	0.49
(30,2157)	1:43:A:MET:H	1:43:A:MET:HG2	15	0.49
(30,2157)	1:43:A:MET:H	1:43:A:MET:HG3	15	0.49
(30,2058)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	5	0.49
(30,2058)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	5	0.49
(30,2058)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	5	0.49
(30,2058)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	5	0.49
(30,2058)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	5	0.49
(30,2058)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	5	0.49
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE1	2	0.49
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE2	2	0.49
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE1	2	0.49
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE2	2	0.49
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE1	9	0.49
(30,2013)	1:16:A:SER:HB2	1:80:A:TYR:HE2	9	0.49
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE1	9	0.49
(30,2013)	1:16:A:SER:HB3	1:80:A:TYR:HE2	9	0.49
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	10	0.49
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	10	0.49
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	10	0.49
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	10	0.49
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	10	0.49
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	10	0.49
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	10	0.49
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	10	0.49
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	10	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	10	0.49
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	10	0.49
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	10	0.49
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	10	0.49
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	10	0.49
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	10	0.49
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	10	0.49
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	10	0.49
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	10	0.49
(30,1952)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	10	0.49
(30,1952)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	10	0.49
(30,1952)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	10	0.49
(30,1952)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	10	0.49
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	14	0.49
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	14	0.49
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	14	0.49
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	14	0.49
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	14	0.49
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	14	0.49
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	14	0.49
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	14	0.49
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	14	0.49
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	14	0.49
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	14	0.49
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	14	0.49
(30,1920)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	13	0.49
(30,1920)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	13	0.49
(30,1901)	1:63:A:ILE:HB	1:113:A:PHE:HD1	11	0.49
(30,1901)	1:63:A:ILE:HB	1:113:A:PHE:HD2	11	0.49
(30,1860)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	15	0.49
(30,1860)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	15	0.49
(30,1790)	1:13:A:ALA:HA	1:80:A:TYR:HD1	1	0.49
(30,1790)	1:13:A:ALA:HA	1:80:A:TYR:HD2	1	0.49
(30,1569)	1:11:A:ILE:HD11	1:14:A:VAL:H	15	0.49
(30,1569)	1:11:A:ILE:HD12	1:14:A:VAL:H	15	0.49
(30,1569)	1:11:A:ILE:HD13	1:14:A:VAL:H	15	0.49
(30,1224)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	14	0.49
(30,1224)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	14	0.49
(30,1224)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	14	0.49
(30,940)	1:67:A:PRO:HA	1:70:A:LYS:HB2	2	0.49
(30,940)	1:67:A:PRO:HA	1:70:A:LYS:HB3	2	0.49
(30,913)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	19	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,913)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	19	0.49
(30,913)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	19	0.49
(30,870)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	10	0.49
(30,870)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	10	0.49
(30,870)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	10	0.49
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB2	10	0.49
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB2	10	0.49
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB2	10	0.49
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB3	10	0.49
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB3	10	0.49
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB3	10	0.49
(30,808)	1:64:A:LYS:H	1:98:A:ILE:HD11	6	0.49
(30,808)	1:64:A:LYS:H	1:98:A:ILE:HD12	6	0.49
(30,808)	1:64:A:LYS:H	1:98:A:ILE:HD13	6	0.49
(30,509)	1:70:A:LYS:HE2	1:71:A:LYS:H	8	0.49
(30,509)	1:70:A:LYS:HE3	1:71:A:LYS:H	8	0.49
(30,314)	1:43:A:MET:H	1:140:A:LEU:HD11	3	0.49
(30,314)	1:43:A:MET:H	1:140:A:LEU:HD12	3	0.49
(30,314)	1:43:A:MET:H	1:140:A:LEU:HD13	3	0.49
(30,217)	1:110:A:MET:HG2	1:114:A:ILE:H	13	0.49
(30,217)	1:110:A:MET:HG3	1:114:A:ILE:H	13	0.49
(29,2395)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	12	0.49
(29,2395)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	12	0.49
(29,2395)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	12	0.49
(29,2395)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	12	0.49
(29,2395)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	12	0.49
(29,2395)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	12	0.49
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD11	8	0.49
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD12	8	0.49
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD13	8	0.49
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD21	8	0.49
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD22	8	0.49
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD23	8	0.49
(29,2271)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	19	0.49
(29,2271)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	19	0.49
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	14	0.49
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	14	0.49
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	14	0.49
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	14	0.49
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	14	0.49
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	14	0.49
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	14	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	14	0.49
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	14	0.49
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	14	0.49
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	14	0.49
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	14	0.49
(29,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	8	0.49
(29,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	8	0.49
(29,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	8	0.49
(29,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD21	8	0.49
(29,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD22	8	0.49
(29,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD23	8	0.49
(29,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	8	0.49
(29,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	8	0.49
(29,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	8	0.49
(29,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD21	8	0.49
(29,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD22	8	0.49
(29,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD23	8	0.49
(29,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	8	0.49
(29,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	8	0.49
(29,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	8	0.49
(29,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD21	8	0.49
(29,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD22	8	0.49
(29,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD23	8	0.49
(29,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	8	0.49
(29,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	8	0.49
(29,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	8	0.49
(29,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD21	8	0.49
(29,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD22	8	0.49
(29,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD23	8	0.49
(29,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	8	0.49
(29,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	8	0.49
(29,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	8	0.49
(29,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD21	8	0.49
(29,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD22	8	0.49
(29,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD23	8	0.49
(29,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	8	0.49
(29,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	8	0.49
(29,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	8	0.49
(29,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD21	8	0.49
(29,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD22	8	0.49
(29,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD23	8	0.49
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	10	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	10	0.49
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	10	0.49
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	10	0.49
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	10	0.49
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	10	0.49
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	10	0.49
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	10	0.49
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	10	0.49
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	10	0.49
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	10	0.49
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	10	0.49
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	10	0.49
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	10	0.49
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	10	0.49
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	10	0.49
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	10	0.49
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	10	0.49
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	10	0.49
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	10	0.49
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	10	0.49
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	10	0.49
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	10	0.49
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	10	0.49
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	19	0.49
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	19	0.49
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	19	0.49
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	19	0.49
(29,1816)	1:71:A:LYS:HE2	1:72:A:PHE:HD1	18	0.49
(29,1816)	1:71:A:LYS:HE2	1:72:A:PHE:HD2	18	0.49
(29,1816)	1:71:A:LYS:HE3	1:72:A:PHE:HD1	18	0.49
(29,1816)	1:71:A:LYS:HE3	1:72:A:PHE:HD2	18	0.49
(29,1810)	1:13:A:ALA:HA	1:80:A:TYR:HD1	1	0.49
(29,1810)	1:13:A:ALA:HA	1:80:A:TYR:HD2	1	0.49
(29,1695)	1:110:A:MET:HB3	1:111:A:GLU:HB2	17	0.49
(29,1695)	1:110:A:MET:HB3	1:111:A:GLU:HB3	17	0.49
(29,1638)	1:79:A:THR:HB	1:80:A:TYR:HB2	10	0.49
(29,1260)	1:21:A:THR:HG21	1:23:A:LEU:HA	7	0.49
(29,1260)	1:21:A:THR:HG22	1:23:A:LEU:HA	7	0.49
(29,1260)	1:21:A:THR:HG23	1:23:A:LEU:HA	7	0.49
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD21	2	0.49
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD22	2	0.49
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD23	2	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1180)	1:140:A:LEU:HD21	1:144:A:LEU:H	3	0.49
(29,1180)	1:140:A:LEU:HD22	1:144:A:LEU:H	3	0.49
(29,1180)	1:140:A:LEU:HD23	1:144:A:LEU:H	3	0.49
(29,1040)	1:8:A:ASP:H	1:58:A:ILE:HG12	9	0.49
(29,938)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	4	0.49
(29,938)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	4	0.49
(29,938)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	4	0.49
(29,938)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	4	0.49
(29,921)	1:44:A:GLU:H	1:44:A:GLU:HG3	11	0.49
(29,910)	1:17:A:ASN:HB2	1:113:A:PHE:HE1	12	0.49
(29,910)	1:17:A:ASN:HB2	1:113:A:PHE:HE2	12	0.49
(29,910)	1:17:A:ASN:HB3	1:113:A:PHE:HE1	12	0.49
(29,910)	1:17:A:ASN:HB3	1:113:A:PHE:HE2	12	0.49
(29,847)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	18	0.49
(29,847)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	18	0.49
(29,847)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	18	0.49
(29,847)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	18	0.49
(29,847)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	18	0.49
(29,847)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	18	0.49
(29,827)	1:64:A:LYS:H	1:98:A:ILE:HD11	6	0.49
(29,827)	1:64:A:LYS:H	1:98:A:ILE:HD12	6	0.49
(29,827)	1:64:A:LYS:H	1:98:A:ILE:HD13	6	0.49
(29,658)	1:79:A:THR:H	1:80:A:TYR:HD1	15	0.49
(29,658)	1:79:A:THR:H	1:80:A:TYR:HD2	15	0.49
(29,595)	1:75:A:GLY:H	1:76:A:ARG:HG2	19	0.49
(29,595)	1:75:A:GLY:H	1:76:A:ARG:HG3	19	0.49
(29,351)	1:104:A:PHE:H	1:104:A:PHE:HD1	17	0.49
(29,351)	1:104:A:PHE:H	1:104:A:PHE:HD2	17	0.49
(29,351)	1:104:A:PHE:H	1:104:A:PHE:HD1	19	0.49
(29,351)	1:104:A:PHE:H	1:104:A:PHE:HD2	19	0.49
(29,257)	1:27:A:ARG:HA	1:29:A:LYS:H	10	0.49
(29,233)	1:44:A:GLU:HG3	1:48:A:ARG:H	17	0.49
(29,221)	1:110:A:MET:HG2	1:114:A:ILE:H	13	0.49
(29,221)	1:110:A:MET:HG3	1:114:A:ILE:H	13	0.49
(29,159)	1:67:A:PRO:HD3	1:95:A:ILE:H	2	0.49
(29,17)	1:64:A:LYS:H	1:64:A:LYS:HD2	3	0.49
(29,17)	1:64:A:LYS:H	1:64:A:LYS:HD3	3	0.49
(29,12)	1:64:A:LYS:H	1:64:A:LYS:HE2	16	0.49
(29,12)	1:64:A:LYS:H	1:64:A:LYS:HE3	16	0.49
(23,20)	1:128:A:LEU:N	1:124:A:THR:O	4	0.49
(23,20)	1:128:A:LEU:N	1:124:A:THR:O	10	0.49
(23,18)	1:119:A:LEU:N	1:115:A:ALA:O	6	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(23,17)	1:118:A:ASP:N	1:114:A:ILE:O	13	0.49
(23,8)	1:61:A:SER:N	1:57:A:LEU:O	6	0.49
(23,3)	1:44:A:GLU:N	1:40:A:LEU:O	2	0.49
(23,1)	1:17:A:ASN:N	1:13:A:ALA:O	3	0.49
(22,34)	1:118:A:ASP:N	1:114:A:ILE:C	17	0.49
(22,33)	1:118:A:ASP:H	1:114:A:ILE:C	19	0.49
(22,11)	1:59:A:CYS:H	1:55:A:GLY:C	4	0.49
(22,7)	1:45:A:ALA:H	1:41:A:LYS:C	2	0.49
(22,6)	1:44:A:GLU:N	1:40:A:LEU:C	14	0.49
(22,5)	1:44:A:GLU:H	1:40:A:LEU:C	13	0.49
(22,3)	1:39:A:VAL:H	1:36:A:PRO:C	6	0.49
(19,19)	1:56:A:CYS:SG	1:127:A:CYS:CB	5	0.49
(18,2173)	1:47:A:ALA:H	1:131:A:LEU:HD11	4	0.49
(18,2173)	1:47:A:ALA:H	1:131:A:LEU:HD12	4	0.49
(18,2173)	1:47:A:ALA:H	1:131:A:LEU:HD13	4	0.49
(18,2173)	1:47:A:ALA:H	1:131:A:LEU:HD21	4	0.49
(18,2173)	1:47:A:ALA:H	1:131:A:LEU:HD22	4	0.49
(18,2173)	1:47:A:ALA:H	1:131:A:LEU:HD23	4	0.49
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD11	6	0.49
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD12	6	0.49
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD13	6	0.49
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD21	6	0.49
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD22	6	0.49
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD23	6	0.49
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD11	6	0.49
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD12	6	0.49
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD13	6	0.49
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD21	6	0.49
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD22	6	0.49
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD23	6	0.49
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD11	4	0.49
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD12	4	0.49
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD13	4	0.49
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD21	4	0.49
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD22	4	0.49
(18,2100)	1:39:A:VAL:HA	1:40:A:LEU:HD23	4	0.49
(18,1945)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	10	0.49
(18,1945)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	10	0.49
(18,1945)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	10	0.49
(18,1945)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	10	0.49
(18,1845)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	15	0.49
(18,1845)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	15	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1839)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.49
(18,1839)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.49
(18,1778)	1:68:A:LYS:HA	1:72:A:PHE:HD1	16	0.49
(18,1778)	1:68:A:LYS:HA	1:72:A:PHE:HD2	16	0.49
(18,1775)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	5	0.49
(18,1775)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	5	0.49
(18,1775)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	5	0.49
(18,1775)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	5	0.49
(18,1732)	1:36:A:PRO:HA	1:37:A:LEU:HD21	4	0.49
(18,1732)	1:36:A:PRO:HA	1:37:A:LEU:HD22	4	0.49
(18,1732)	1:36:A:PRO:HA	1:37:A:LEU:HD23	4	0.49
(18,1660)	1:110:A:MET:HB3	1:111:A:GLU:HB2	17	0.49
(18,1660)	1:110:A:MET:HB3	1:111:A:GLU:HB3	17	0.49
(18,1527)	1:76:A:ARG:HE	1:110:A:MET:HE1	11	0.49
(18,1527)	1:76:A:ARG:HE	1:110:A:MET:HE2	11	0.49
(18,1527)	1:76:A:ARG:HE	1:110:A:MET:HE3	11	0.49
(18,1517)	1:69:A:MET:HE1	1:113:A:PHE:HB3	5	0.49
(18,1517)	1:69:A:MET:HE2	1:113:A:PHE:HB3	5	0.49
(18,1517)	1:69:A:MET:HE3	1:113:A:PHE:HB3	5	0.49
(18,937)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	4	0.49
(18,937)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	4	0.49
(18,937)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	4	0.49
(18,937)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	4	0.49
(18,741)	1:17:A:ASN:HD21	1:18:A:PHE:H	18	0.49
(18,665)	1:79:A:THR:H	1:80:A:TYR:HD1	15	0.49
(18,665)	1:79:A:THR:H	1:80:A:TYR:HD2	15	0.49
(18,516)	1:101:A:ILE:HD11	1:105:A:LYS:H	2	0.49
(18,516)	1:101:A:ILE:HD12	1:105:A:LYS:H	2	0.49
(18,516)	1:101:A:ILE:HD13	1:105:A:LYS:H	2	0.49
(18,127)	1:48:A:ARG:HD2	1:49:A:LYS:H	14	0.49
(18,127)	1:48:A:ARG:HD3	1:49:A:LYS:H	14	0.49
(18,15)	1:64:A:LYS:H	1:64:A:LYS:HD2	3	0.49
(18,15)	1:64:A:LYS:H	1:64:A:LYS:HD3	3	0.49
(17,2297)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	15	0.49
(17,2297)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	15	0.49
(17,2297)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	15	0.49
(17,2297)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	15	0.49
(17,2297)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	15	0.49
(17,2297)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	15	0.49
(17,2297)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	15	0.49
(17,2297)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	15	0.49
(17,2297)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	15	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2297)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	15	0.49
(17,2297)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	15	0.49
(17,2297)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	15	0.49
(17,2279)	1:76:A:ARG:HB2	1:113:A:PHE:HE1	1	0.49
(17,2279)	1:76:A:ARG:HB2	1:113:A:PHE:HE2	1	0.49
(17,2279)	1:76:A:ARG:HB3	1:113:A:PHE:HE1	1	0.49
(17,2279)	1:76:A:ARG:HB3	1:113:A:PHE:HE2	1	0.49
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	14	0.49
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	14	0.49
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	14	0.49
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	14	0.49
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	14	0.49
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	14	0.49
(17,2149)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	13	0.49
(17,2149)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	13	0.49
(17,2149)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	13	0.49
(17,2149)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	13	0.49
(17,2149)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	13	0.49
(17,2149)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	13	0.49
(17,2149)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	13	0.49
(17,2149)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	13	0.49
(17,2149)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	13	0.49
(17,2149)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	13	0.49
(17,2149)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	13	0.49
(17,2149)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	13	0.49
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD11	4	0.49
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD12	4	0.49
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD13	4	0.49
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD21	4	0.49
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD22	4	0.49
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD23	4	0.49
(17,1919)	1:151:A:PHE:H	1:151:A:PHE:HD1	15	0.49
(17,1919)	1:151:A:PHE:H	1:151:A:PHE:HD2	15	0.49
(17,1868)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.49
(17,1868)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.49
(17,1803)	1:13:A:ALA:HA	1:80:A:TYR:HD1	1	0.49
(17,1803)	1:13:A:ALA:HA	1:80:A:TYR:HD2	1	0.49
(17,1765)	1:36:A:PRO:HA	1:37:A:LEU:HD21	14	0.49
(17,1765)	1:36:A:PRO:HA	1:37:A:LEU:HD22	14	0.49
(17,1765)	1:36:A:PRO:HA	1:37:A:LEU:HD23	14	0.49
(17,1754)	1:31:A:PRO:HB2	1:35:A:LEU:HA	14	0.49
(17,1754)	1:31:A:PRO:HB3	1:35:A:LEU:HA	14	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1552)	1:69:A:MET:HE1	1:76:A:ARG:HG2	3	0.49
(17,1552)	1:69:A:MET:HE1	1:76:A:ARG:HG3	3	0.49
(17,1552)	1:69:A:MET:HE2	1:76:A:ARG:HG2	3	0.49
(17,1552)	1:69:A:MET:HE2	1:76:A:ARG:HG3	3	0.49
(17,1552)	1:69:A:MET:HE3	1:76:A:ARG:HG2	3	0.49
(17,1552)	1:69:A:MET:HE3	1:76:A:ARG:HG3	3	0.49
(17,1262)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	12	0.49
(17,1262)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	12	0.49
(17,1262)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	12	0.49
(17,1262)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	12	0.49
(17,1262)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	12	0.49
(17,1262)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	12	0.49
(17,1262)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	12	0.49
(17,1262)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	12	0.49
(17,1262)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	12	0.49
(17,1093)	1:48:A:ARG:HG2	1:49:A:LYS:HA	12	0.49
(17,1093)	1:48:A:ARG:HG3	1:49:A:LYS:HA	12	0.49
(17,821)	1:64:A:LYS:H	1:98:A:ILE:HD11	6	0.49
(17,821)	1:64:A:LYS:H	1:98:A:ILE:HD12	6	0.49
(17,821)	1:64:A:LYS:H	1:98:A:ILE:HD13	6	0.49
(17,654)	1:79:A:THR:H	1:80:A:TYR:HD1	15	0.49
(17,654)	1:79:A:THR:H	1:80:A:TYR:HD2	15	0.49
(17,511)	1:70:A:LYS:HG3	1:71:A:LYS:H	13	0.49
(17,391)	1:105:A:LYS:HG3	1:106:A:ASP:H	13	0.49
(17,369)	1:41:A:LYS:H	1:44:A:GLU:HG2	10	0.49
(17,230)	1:11:A:ILE:HB	1:44:A:GLU:H	3	0.49
(16,2329)	1:107:A:LEU:HD11	1:112:A:GLN:HA	3	0.49
(16,2329)	1:107:A:LEU:HD12	1:112:A:GLN:HA	3	0.49
(16,2329)	1:107:A:LEU:HD13	1:112:A:GLN:HA	3	0.49
(16,2329)	1:107:A:LEU:HD21	1:112:A:GLN:HA	3	0.49
(16,2329)	1:107:A:LEU:HD22	1:112:A:GLN:HA	3	0.49
(16,2329)	1:107:A:LEU:HD23	1:112:A:GLN:HA	3	0.49
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD11	1	0.49
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD12	1	0.49
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD13	1	0.49
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD21	1	0.49
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD22	1	0.49
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD23	1	0.49
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	14	0.49
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	14	0.49
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	14	0.49
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	14	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	14	0.49
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	14	0.49
(16,2081)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	13	0.49
(16,2081)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	13	0.49
(16,2081)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	13	0.49
(16,2081)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	13	0.49
(16,2081)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	13	0.49
(16,2081)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	13	0.49
(16,1948)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	3	0.49
(16,1948)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	3	0.49
(16,1839)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.49
(16,1839)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.49
(16,1808)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	8	0.49
(16,1808)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	8	0.49
(16,1758)	1:95:A:ILE:HG21	1:97:A:ASP:HA	14	0.49
(16,1758)	1:95:A:ILE:HG22	1:97:A:ASP:HA	14	0.49
(16,1758)	1:95:A:ILE:HG23	1:97:A:ASP:HA	14	0.49
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	16	0.49
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	16	0.49
(16,1557)	1:11:A:ILE:HD11	1:18:A:PHE:HD1	13	0.49
(16,1557)	1:11:A:ILE:HD11	1:18:A:PHE:HD2	13	0.49
(16,1557)	1:11:A:ILE:HD12	1:18:A:PHE:HD1	13	0.49
(16,1557)	1:11:A:ILE:HD12	1:18:A:PHE:HD2	13	0.49
(16,1557)	1:11:A:ILE:HD13	1:18:A:PHE:HD1	13	0.49
(16,1557)	1:11:A:ILE:HD13	1:18:A:PHE:HD2	13	0.49
(16,1536)	1:76:A:ARG:HE	1:110:A:MET:HE1	11	0.49
(16,1536)	1:76:A:ARG:HE	1:110:A:MET:HE2	11	0.49
(16,1536)	1:76:A:ARG:HE	1:110:A:MET:HE3	11	0.49
(16,1525)	1:69:A:MET:HE1	1:113:A:PHE:HB3	5	0.49
(16,1525)	1:69:A:MET:HE2	1:113:A:PHE:HB3	5	0.49
(16,1525)	1:69:A:MET:HE3	1:113:A:PHE:HB3	5	0.49
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD11	19	0.49
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD12	19	0.49
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD13	19	0.49
(16,1258)	1:23:A:LEU:HD11	1:24:A:ASP:H	16	0.49
(16,1258)	1:23:A:LEU:HD12	1:24:A:ASP:H	16	0.49
(16,1258)	1:23:A:LEU:HD13	1:24:A:ASP:H	16	0.49
(16,1018)	1:95:A:ILE:HG21	1:105:A:LYS:HB2	8	0.49
(16,1018)	1:95:A:ILE:HG21	1:105:A:LYS:HB3	8	0.49
(16,1018)	1:95:A:ILE:HG22	1:105:A:LYS:HB2	8	0.49
(16,1018)	1:95:A:ILE:HG22	1:105:A:LYS:HB3	8	0.49
(16,1018)	1:95:A:ILE:HG23	1:105:A:LYS:HB2	8	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1018)	1:95:A:ILE:HG23	1:105:A:LYS:HB3	8	0.49
(16,968)	1:39:A:VAL:HA	1:43:A:MET:HG2	12	0.49
(16,966)	1:40:A:LEU:HA	1:43:A:MET:HG2	3	0.49
(16,820)	1:64:A:LYS:H	1:98:A:ILE:HD11	6	0.49
(16,820)	1:64:A:LYS:H	1:98:A:ILE:HD12	6	0.49
(16,820)	1:64:A:LYS:H	1:98:A:ILE:HD13	6	0.49
(16,807)	1:58:A:ILE:HD11	1:59:A:CYS:H	13	0.49
(16,807)	1:58:A:ILE:HD12	1:59:A:CYS:H	13	0.49
(16,807)	1:58:A:ILE:HD13	1:59:A:CYS:H	13	0.49
(16,779)	1:73:A:ILE:HD11	1:113:A:PHE:HA	8	0.49
(16,779)	1:73:A:ILE:HD12	1:113:A:PHE:HA	8	0.49
(16,779)	1:73:A:ILE:HD13	1:113:A:PHE:HA	8	0.49
(16,736)	1:50:A:ALA:H	1:130:A:GLY:HA3	9	0.49
(16,664)	1:101:A:ILE:HB	1:103:A:ARG:H	10	0.49
(16,595)	1:75:A:GLY:H	1:76:A:ARG:HG2	19	0.49
(16,595)	1:75:A:GLY:H	1:76:A:ARG:HG3	19	0.49
(16,355)	1:73:A:ILE:HD11	1:111:A:GLU:H	19	0.49
(16,355)	1:73:A:ILE:HD12	1:111:A:GLU:H	19	0.49
(16,355)	1:73:A:ILE:HD13	1:111:A:GLU:H	19	0.49
(16,262)	1:27:A:ARG:HA	1:29:A:LYS:H	10	0.49
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD11	19	0.49
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD12	19	0.49
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD13	19	0.49
(16,152)	1:131:A:LEU:H	1:131:A:LEU:HG	2	0.49
(16,40)	1:43:A:MET:HA	1:47:A:ALA:H	15	0.49
(15,2264)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	19	0.49
(15,2264)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	19	0.49
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	14	0.49
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	14	0.49
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	14	0.49
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	14	0.49
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	14	0.49
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	14	0.49
(15,2110)	1:42:A:GLU:H	1:139:A:LEU:HD11	4	0.49
(15,2110)	1:42:A:GLU:H	1:139:A:LEU:HD12	4	0.49
(15,2110)	1:42:A:GLU:H	1:139:A:LEU:HD13	4	0.49
(15,2110)	1:42:A:GLU:H	1:139:A:LEU:HD21	4	0.49
(15,2110)	1:42:A:GLU:H	1:139:A:LEU:HD22	4	0.49
(15,2110)	1:42:A:GLU:H	1:139:A:LEU:HD23	4	0.49
(15,2052)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	10	0.49
(15,2052)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	10	0.49
(15,2052)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	10	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2052)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	10	0.49
(15,2052)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	10	0.49
(15,2052)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	10	0.49
(15,2052)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	10	0.49
(15,2052)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	10	0.49
(15,2052)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	10	0.49
(15,2052)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	10	0.49
(15,2052)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	10	0.49
(15,2052)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	10	0.49
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD11	19	0.49
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD12	19	0.49
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD13	19	0.49
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD21	19	0.49
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD22	19	0.49
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD23	19	0.49
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD11	19	0.49
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD12	19	0.49
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD13	19	0.49
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD21	19	0.49
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD22	19	0.49
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD23	19	0.49
(15,1996)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	12	0.49
(15,1996)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	12	0.49
(15,1996)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	12	0.49
(15,1996)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	0.49
(15,1996)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	0.49
(15,1996)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	0.49
(15,1996)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	12	0.49
(15,1996)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	12	0.49
(15,1996)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	12	0.49
(15,1996)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	0.49
(15,1996)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	0.49
(15,1996)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	0.49
(15,1930)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	10	0.49
(15,1930)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	10	0.49
(15,1930)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	10	0.49
(15,1930)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	10	0.49
(15,1904)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	1	0.49
(15,1904)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	1	0.49
(15,1836)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.49
(15,1836)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.49
(15,1777)	1:13:A:ALA:HA	1:80:A:TYR:HD1	1	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1777)	1:13:A:ALA:HA	1:80:A:TYR:HD2	1	0.49
(15,1749)	1:141:A:LYS:HA	1:148:A:CYS:H	13	0.49
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD21	13	0.49
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD22	13	0.49
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD23	13	0.49
(15,1560)	1:11:A:ILE:HD11	1:14:A:VAL:H	3	0.49
(15,1560)	1:11:A:ILE:HD12	1:14:A:VAL:H	3	0.49
(15,1560)	1:11:A:ILE:HD13	1:14:A:VAL:H	3	0.49
(15,1257)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	12	0.49
(15,1257)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	12	0.49
(15,1257)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	12	0.49
(15,1257)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	12	0.49
(15,1257)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	12	0.49
(15,1257)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	12	0.49
(15,1257)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	12	0.49
(15,1257)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	12	0.49
(15,1257)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	12	0.49
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD11	13	0.49
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD12	13	0.49
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD13	13	0.49
(15,992)	1:12:A:VAL:HB	1:40:A:LEU:H	13	0.49
(15,967)	1:33:A:LYS:HB2	1:80:A:TYR:HB2	2	0.49
(15,967)	1:33:A:LYS:HB3	1:80:A:TYR:HB2	2	0.49
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	13	0.49
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	13	0.49
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	13	0.49
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	13	0.49
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	13	0.49
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	13	0.49
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	13	0.49
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	13	0.49
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	13	0.49
(15,820)	1:98:A:ILE:HD11	1:101:A:ILE:HB	9	0.49
(15,820)	1:98:A:ILE:HD12	1:101:A:ILE:HB	9	0.49
(15,820)	1:98:A:ILE:HD13	1:101:A:ILE:HB	9	0.49
(15,818)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	18	0.49
(15,818)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	18	0.49
(15,818)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	18	0.49
(15,812)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	6	0.49
(15,812)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	6	0.49
(15,812)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	6	0.49
(15,399)	1:105:A:LYS:HG3	1:106:A:ASP:H	13	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,356)	1:104:A:PHE:H	1:104:A:PHE:HD1	17	0.49
(15,356)	1:104:A:PHE:H	1:104:A:PHE:HD2	17	0.49
(15,356)	1:104:A:PHE:H	1:104:A:PHE:HD1	19	0.49
(15,356)	1:104:A:PHE:H	1:104:A:PHE:HD2	19	0.49
(15,222)	1:110:A:MET:HG2	1:114:A:ILE:H	13	0.49
(15,222)	1:110:A:MET:HG3	1:114:A:ILE:H	13	0.49
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB1	5	0.49
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB2	5	0.49
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB3	5	0.49
(15,55)	1:98:A:ILE:H	1:101:A:ILE:HG13	11	0.49
(13,2311)	1:107:A:LEU:HD11	1:112:A:GLN:HA	3	0.49
(13,2311)	1:107:A:LEU:HD12	1:112:A:GLN:HA	3	0.49
(13,2311)	1:107:A:LEU:HD13	1:112:A:GLN:HA	3	0.49
(13,2311)	1:107:A:LEU:HD21	1:112:A:GLN:HA	3	0.49
(13,2311)	1:107:A:LEU:HD22	1:112:A:GLN:HA	3	0.49
(13,2311)	1:107:A:LEU:HD23	1:112:A:GLN:HA	3	0.49
(13,2307)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	1	0.49
(13,2307)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	1	0.49
(13,2307)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	1	0.49
(13,2307)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	1	0.49
(13,2307)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	1	0.49
(13,2307)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	1	0.49
(13,2307)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	1	0.49
(13,2307)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	1	0.49
(13,2307)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	1	0.49
(13,2307)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	1	0.49
(13,2307)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	1	0.49
(13,2307)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	1	0.49
(13,2307)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	17	0.49
(13,2307)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	17	0.49
(13,2307)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	17	0.49
(13,2307)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	17	0.49
(13,2307)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	17	0.49
(13,2307)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	17	0.49
(13,2307)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	17	0.49
(13,2307)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	17	0.49
(13,2307)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	17	0.49
(13,2307)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	17	0.49
(13,2307)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	17	0.49
(13,2307)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	17	0.49
(13,2062)	1:39:A:VAL:HG11	1:43:A:MET:HG2	4	0.49
(13,2062)	1:39:A:VAL:HG12	1:43:A:MET:HG2	4	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2062)	1:39:A:VAL:HG13	1:43:A:MET:HG2	4	0.49
(13,2062)	1:39:A:VAL:HG21	1:43:A:MET:HG2	4	0.49
(13,2062)	1:39:A:VAL:HG22	1:43:A:MET:HG2	4	0.49
(13,2062)	1:39:A:VAL:HG23	1:43:A:MET:HG2	4	0.49
(13,2062)	1:39:A:VAL:HG11	1:43:A:MET:HG3	4	0.49
(13,2062)	1:39:A:VAL:HG12	1:43:A:MET:HG3	4	0.49
(13,2062)	1:39:A:VAL:HG13	1:43:A:MET:HG3	4	0.49
(13,2062)	1:39:A:VAL:HG21	1:43:A:MET:HG3	4	0.49
(13,2062)	1:39:A:VAL:HG22	1:43:A:MET:HG3	4	0.49
(13,2062)	1:39:A:VAL:HG23	1:43:A:MET:HG3	4	0.49
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD11	8	0.49
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD12	8	0.49
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD13	8	0.49
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD21	8	0.49
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD22	8	0.49
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD23	8	0.49
(13,1810)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.49
(13,1810)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.49
(13,1744)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	2	0.49
(13,1744)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	2	0.49
(13,1597)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	9	0.49
(13,1597)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	9	0.49
(13,1597)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	9	0.49
(13,1538)	1:11:A:ILE:HD11	1:14:A:VAL:H	15	0.49
(13,1538)	1:11:A:ILE:HD12	1:14:A:VAL:H	15	0.49
(13,1538)	1:11:A:ILE:HD13	1:14:A:VAL:H	15	0.49
(13,1202)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	14	0.49
(13,1202)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	14	0.49
(13,1202)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	14	0.49
(13,928)	1:11:A:ILE:HD11	1:12:A:VAL:HA	7	0.49
(13,928)	1:11:A:ILE:HD12	1:12:A:VAL:HA	7	0.49
(13,928)	1:11:A:ILE:HD13	1:12:A:VAL:HA	7	0.49
(13,910)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	4	0.49
(13,910)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	4	0.49
(13,910)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	4	0.49
(13,910)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	4	0.49
(13,854)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	7	0.49
(13,854)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	7	0.49
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD11	12	0.49
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD12	12	0.49
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD13	12	0.49
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD11	12	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD12	12	0.49
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD13	12	0.49
(13,757)	1:73:A:ILE:HD11	1:113:A:PHE:HA	8	0.49
(13,757)	1:73:A:ILE:HD12	1:113:A:PHE:HA	8	0.49
(13,757)	1:73:A:ILE:HD13	1:113:A:PHE:HA	8	0.49
(13,702)	1:9:A:PHE:HD1	1:54:A:ARG:HE	11	0.49
(13,702)	1:9:A:PHE:HD2	1:54:A:ARG:HE	11	0.49
(13,647)	1:101:A:ILE:HB	1:103:A:ARG:H	10	0.49
(13,574)	1:126:A:GLY:H	1:128:A:LEU:HG	2	0.49
(13,492)	1:105:A:LYS:H	1:105:A:LYS:HD2	7	0.49
(13,492)	1:105:A:LYS:H	1:105:A:LYS:HD3	7	0.49
(13,390)	1:105:A:LYS:HD2	1:106:A:ASP:H	2	0.49
(13,390)	1:105:A:LYS:HD3	1:106:A:ASP:H	2	0.49
(13,14)	1:64:A:LYS:H	1:64:A:LYS:HD2	3	0.49
(13,14)	1:64:A:LYS:H	1:64:A:LYS:HD3	3	0.49
(11,2418)	1:134:A:VAL:HG11	1:137:A:SER:H	19	0.49
(11,2418)	1:134:A:VAL:HG12	1:137:A:SER:H	19	0.49
(11,2418)	1:134:A:VAL:HG13	1:137:A:SER:H	19	0.49
(11,2418)	1:134:A:VAL:HG21	1:137:A:SER:H	19	0.49
(11,2418)	1:134:A:VAL:HG22	1:137:A:SER:H	19	0.49
(11,2418)	1:134:A:VAL:HG23	1:137:A:SER:H	19	0.49
(11,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	18	0.49
(11,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	18	0.49
(11,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	18	0.49
(11,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	18	0.49
(11,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	18	0.49
(11,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	18	0.49
(11,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	18	0.49
(11,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	18	0.49
(11,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	18	0.49
(11,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	18	0.49
(11,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	18	0.49
(11,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	18	0.49
(11,2093)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	14	0.49
(11,2093)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	14	0.49
(11,2093)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	14	0.49
(11,2093)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	14	0.49
(11,2093)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	14	0.49
(11,2093)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	14	0.49
(11,2093)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	14	0.49
(11,2093)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	14	0.49
(11,2093)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	14	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2093)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	14	0.49
(11,2093)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	14	0.49
(11,2093)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	14	0.49
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD11	11	0.49
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD12	11	0.49
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD13	11	0.49
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD21	11	0.49
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD22	11	0.49
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD23	11	0.49
(11,1966)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	10	0.49
(11,1966)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	10	0.49
(11,1966)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	10	0.49
(11,1966)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	10	0.49
(11,1942)	1:14:A:VAL:HB	1:18:A:PHE:HZ	15	0.49
(11,1941)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	13	0.49
(11,1941)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	13	0.49
(11,1924)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	11	0.49
(11,1924)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	11	0.49
(11,1924)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	11	0.49
(11,1924)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	11	0.49
(11,1924)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	11	0.49
(11,1924)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	11	0.49
(11,1880)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	15	0.49
(11,1880)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	15	0.49
(11,1800)	1:97:A:ASP:HA	1:105:A:LYS:HG3	15	0.49
(11,1687)	1:134:A:VAL:HG21	1:137:A:SER:H	10	0.49
(11,1687)	1:134:A:VAL:HG22	1:137:A:SER:H	10	0.49
(11,1687)	1:134:A:VAL:HG23	1:137:A:SER:H	10	0.49
(11,1597)	1:11:A:ILE:HD11	1:18:A:PHE:HD1	4	0.49
(11,1597)	1:11:A:ILE:HD11	1:18:A:PHE:HD2	4	0.49
(11,1597)	1:11:A:ILE:HD12	1:18:A:PHE:HD1	4	0.49
(11,1597)	1:11:A:ILE:HD12	1:18:A:PHE:HD2	4	0.49
(11,1597)	1:11:A:ILE:HD13	1:18:A:PHE:HD1	4	0.49
(11,1597)	1:11:A:ILE:HD13	1:18:A:PHE:HD2	4	0.49
(11,1595)	1:11:A:ILE:HD11	1:14:A:VAL:H	3	0.49
(11,1595)	1:11:A:ILE:HD12	1:14:A:VAL:H	3	0.49
(11,1595)	1:11:A:ILE:HD13	1:14:A:VAL:H	3	0.49
(11,1558)	1:76:A:ARG:HE	1:110:A:MET:HE1	11	0.49
(11,1558)	1:76:A:ARG:HE	1:110:A:MET:HE2	11	0.49
(11,1558)	1:76:A:ARG:HE	1:110:A:MET:HE3	11	0.49
(11,1554)	1:69:A:MET:HE1	1:76:A:ARG:HG2	2	0.49
(11,1554)	1:69:A:MET:HE1	1:76:A:ARG:HG3	2	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1554)	1:69:A:MET:HE2	1:76:A:ARG:HG2	2	0.49
(11,1554)	1:69:A:MET:HE2	1:76:A:ARG:HG3	2	0.49
(11,1554)	1:69:A:MET:HE3	1:76:A:ARG:HG2	2	0.49
(11,1554)	1:69:A:MET:HE3	1:76:A:ARG:HG3	2	0.49
(11,1554)	1:69:A:MET:HE1	1:76:A:ARG:HG2	8	0.49
(11,1554)	1:69:A:MET:HE1	1:76:A:ARG:HG3	8	0.49
(11,1554)	1:69:A:MET:HE2	1:76:A:ARG:HG2	8	0.49
(11,1554)	1:69:A:MET:HE2	1:76:A:ARG:HG3	8	0.49
(11,1554)	1:69:A:MET:HE3	1:76:A:ARG:HG2	8	0.49
(11,1554)	1:69:A:MET:HE3	1:76:A:ARG:HG3	8	0.49
(11,1245)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	14	0.49
(11,1245)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	14	0.49
(11,1245)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	14	0.49
(11,1184)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	17	0.49
(11,1184)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	17	0.49
(11,1184)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	17	0.49
(11,1184)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	17	0.49
(11,1184)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	17	0.49
(11,1184)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	17	0.49
(11,971)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	15	0.49
(11,971)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	15	0.49
(11,935)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	4	0.49
(11,935)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	4	0.49
(11,935)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	4	0.49
(11,935)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	4	0.49
(11,843)	1:43:A:MET:HE1	1:144:A:LEU:HB2	10	0.49
(11,843)	1:43:A:MET:HE2	1:144:A:LEU:HB2	10	0.49
(11,843)	1:43:A:MET:HE3	1:144:A:LEU:HB2	10	0.49
(11,843)	1:43:A:MET:HE1	1:144:A:LEU:HB3	10	0.49
(11,843)	1:43:A:MET:HE2	1:144:A:LEU:HB3	10	0.49
(11,843)	1:43:A:MET:HE3	1:144:A:LEU:HB3	10	0.49
(11,812)	1:98:A:ILE:HD11	1:116:A:GLN:H	10	0.49
(11,812)	1:98:A:ILE:HD12	1:116:A:GLN:H	10	0.49
(11,812)	1:98:A:ILE:HD13	1:116:A:GLN:H	10	0.49
(11,810)	1:64:A:LYS:H	1:98:A:ILE:HD11	6	0.49
(11,810)	1:64:A:LYS:H	1:98:A:ILE:HD12	6	0.49
(11,810)	1:64:A:LYS:H	1:98:A:ILE:HD13	6	0.49
(11,768)	1:73:A:ILE:HD11	1:113:A:PHE:HA	8	0.49
(11,768)	1:73:A:ILE:HD12	1:113:A:PHE:HA	8	0.49
(11,768)	1:73:A:ILE:HD13	1:113:A:PHE:HA	8	0.49
(11,657)	1:101:A:ILE:HB	1:103:A:ARG:H	10	0.49
(11,227)	1:44:A:GLU:HG3	1:48:A:ARG:H	17	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,213)	1:110:A:MET:HG2	1:114:A:ILE:H	13	0.49
(11,213)	1:110:A:MET:HG3	1:114:A:ILE:H	13	0.49
(9,2185)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	16	0.49
(9,2185)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	16	0.49
(9,2185)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	16	0.49
(9,2185)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	16	0.49
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	8	0.49
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	8	0.49
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	8	0.49
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	8	0.49
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	8	0.49
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	8	0.49
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	8	0.49
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	8	0.49
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	8	0.49
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	8	0.49
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	8	0.49
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	8	0.49
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	8	0.49
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	8	0.49
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	8	0.49
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	8	0.49
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	8	0.49
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	8	0.49
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	15	0.49
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	15	0.49
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	15	0.49
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	15	0.49
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	15	0.49
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	15	0.49
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	15	0.49
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	15	0.49
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	15	0.49
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	15	0.49
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	15	0.49
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	15	0.49
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	15	0.49
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	15	0.49
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	15	0.49
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	15	0.49
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	15	0.49
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	15	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1940)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	10	0.49
(9,1940)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	10	0.49
(9,1940)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	10	0.49
(9,1940)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	10	0.49
(9,1893)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	18	0.49
(9,1893)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	18	0.49
(9,1893)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	18	0.49
(9,1893)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	18	0.49
(9,1893)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	18	0.49
(9,1893)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	18	0.49
(9,1893)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	18	0.49
(9,1893)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	18	0.49
(9,1893)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	18	0.49
(9,1893)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	18	0.49
(9,1893)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	18	0.49
(9,1893)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	18	0.49
(9,1841)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.49
(9,1841)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.49
(9,1781)	1:13:A:ALA:HA	1:80:A:TYR:HD1	1	0.49
(9,1781)	1:13:A:ALA:HA	1:80:A:TYR:HD2	1	0.49
(9,1534)	1:76:A:ARG:HE	1:110:A:MET:HE1	11	0.49
(9,1534)	1:76:A:ARG:HE	1:110:A:MET:HE2	11	0.49
(9,1534)	1:76:A:ARG:HE	1:110:A:MET:HE3	11	0.49
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE1	2	0.49
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE2	2	0.49
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE3	2	0.49
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE1	2	0.49
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE2	2	0.49
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE3	2	0.49
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE1	17	0.49
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE2	17	0.49
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE3	17	0.49
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE1	17	0.49
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE2	17	0.49
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE3	17	0.49
(9,1529)	1:69:A:MET:HE1	1:76:A:ARG:HG2	5	0.49
(9,1529)	1:69:A:MET:HE1	1:76:A:ARG:HG3	5	0.49
(9,1529)	1:69:A:MET:HE2	1:76:A:ARG:HG2	5	0.49
(9,1529)	1:69:A:MET:HE2	1:76:A:ARG:HG3	5	0.49
(9,1529)	1:69:A:MET:HE3	1:76:A:ARG:HG2	5	0.49
(9,1529)	1:69:A:MET:HE3	1:76:A:ARG:HG3	5	0.49
(9,1523)	1:69:A:MET:HE1	1:113:A:PHE:HB3	5	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1523)	1:69:A:MET:HE2	1:113:A:PHE:HB3	5	0.49
(9,1523)	1:69:A:MET:HE3	1:113:A:PHE:HB3	5	0.49
(9,1505)	1:43:A:MET:HE1	1:46:A:ASN:HB2	16	0.49
(9,1505)	1:43:A:MET:HE2	1:46:A:ASN:HB2	16	0.49
(9,1505)	1:43:A:MET:HE3	1:46:A:ASN:HB2	16	0.49
(9,1452)	1:13:A:ALA:HB1	1:79:A:THR:HB	4	0.49
(9,1452)	1:13:A:ALA:HB2	1:79:A:THR:HB	4	0.49
(9,1452)	1:13:A:ALA:HB3	1:79:A:THR:HB	4	0.49
(9,947)	1:67:A:PRO:HA	1:70:A:LYS:HB2	2	0.49
(9,947)	1:67:A:PRO:HA	1:70:A:LYS:HB3	2	0.49
(9,942)	1:69:A:MET:HG2	1:109:A:PRO:HA	8	0.49
(9,942)	1:69:A:MET:HG2	1:109:A:PRO:HA	16	0.49
(9,908)	1:44:A:GLU:H	1:44:A:GLU:HG3	11	0.49
(9,810)	1:64:A:LYS:H	1:98:A:ILE:HD11	6	0.49
(9,810)	1:64:A:LYS:H	1:98:A:ILE:HD12	6	0.49
(9,810)	1:64:A:LYS:H	1:98:A:ILE:HD13	6	0.49
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	16	0.49
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	16	0.49
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	16	0.49
(9,769)	1:101:A:ILE:HD11	1:119:A:LEU:HA	19	0.49
(9,769)	1:101:A:ILE:HD12	1:119:A:LEU:HA	19	0.49
(9,769)	1:101:A:ILE:HD13	1:119:A:LEU:HA	19	0.49
(9,653)	1:101:A:ILE:HB	1:103:A:ARG:H	10	0.49
(9,649)	1:79:A:THR:H	1:80:A:TYR:HD1	15	0.49
(9,649)	1:79:A:THR:H	1:80:A:TYR:HD2	15	0.49
(9,408)	1:105:A:LYS:HG3	1:106:A:ASP:H	13	0.49
(9,236)	1:11:A:ILE:HB	1:44:A:GLU:H	3	0.49
(9,233)	1:44:A:GLU:HG3	1:48:A:ARG:H	17	0.49
(9,153)	1:67:A:PRO:HD3	1:95:A:ILE:H	9	0.49
(9,14)	1:64:A:LYS:H	1:64:A:LYS:HD2	3	0.49
(9,14)	1:64:A:LYS:H	1:64:A:LYS:HD3	3	0.49
(7,2222)	1:68:A:LYS:H	1:69:A:MET:HG2	18	0.49
(7,2222)	1:68:A:LYS:H	1:69:A:MET:HG3	18	0.49
(7,2197)	1:63:A:ILE:HG12	1:117:A:VAL:H	19	0.49
(7,2197)	1:63:A:ILE:HG13	1:117:A:VAL:H	19	0.49
(7,2194)	1:63:A:ILE:HG12	1:113:A:PHE:HE1	3	0.49
(7,2194)	1:63:A:ILE:HG12	1:113:A:PHE:HE2	3	0.49
(7,2194)	1:63:A:ILE:HG13	1:113:A:PHE:HE1	3	0.49
(7,2194)	1:63:A:ILE:HG13	1:113:A:PHE:HE2	3	0.49
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	16	0.49
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	16	0.49
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	16	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	16	0.49
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	16	0.49
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	16	0.49
(7,2040)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	13	0.49
(7,2040)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	13	0.49
(7,2040)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	13	0.49
(7,2040)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	13	0.49
(7,2040)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	13	0.49
(7,2040)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	13	0.49
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD11	13	0.49
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD12	13	0.49
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD13	13	0.49
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD21	13	0.49
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD22	13	0.49
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD23	13	0.49
(7,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	15	0.49
(7,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	15	0.49
(7,1820)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.49
(7,1820)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.49
(7,1567)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	10	0.49
(7,1567)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	10	0.49
(7,1567)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	10	0.49
(7,1567)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	10	0.49
(7,1567)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	10	0.49
(7,1567)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	10	0.49
(7,1554)	1:101:A:ILE:HD11	1:112:A:GLN:HA	7	0.49
(7,1554)	1:101:A:ILE:HD12	1:112:A:GLN:HA	7	0.49
(7,1554)	1:101:A:ILE:HD13	1:112:A:GLN:HA	7	0.49
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD11	16	0.49
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD12	16	0.49
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD13	16	0.49
(7,1542)	1:11:A:ILE:HD11	1:14:A:VAL:H	3	0.49
(7,1542)	1:11:A:ILE:HD12	1:14:A:VAL:H	3	0.49
(7,1542)	1:11:A:ILE:HD13	1:14:A:VAL:H	3	0.49
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE1	16	0.49
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE2	16	0.49
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE3	16	0.49
(7,1363)	1:107:A:LEU:HD11	1:111:A:GLU:HB2	10	0.49
(7,1363)	1:107:A:LEU:HD11	1:111:A:GLU:HB3	10	0.49
(7,1363)	1:107:A:LEU:HD12	1:111:A:GLU:HB2	10	0.49
(7,1363)	1:107:A:LEU:HD12	1:111:A:GLU:HB3	10	0.49
(7,1363)	1:107:A:LEU:HD13	1:111:A:GLU:HB2	10	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1363)	1:107:A:LEU:HD13	1:111:A:GLU:HB3	10	0.49
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG21	18	0.49
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG22	18	0.49
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG23	18	0.49
(7,1237)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	12	0.49
(7,1237)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	12	0.49
(7,1237)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	12	0.49
(7,1237)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	12	0.49
(7,1237)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	12	0.49
(7,1237)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	12	0.49
(7,1237)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	12	0.49
(7,1237)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	12	0.49
(7,1237)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	12	0.49
(7,1092)	1:41:A:LYS:HA	1:44:A:GLU:HB2	6	0.49
(7,1092)	1:41:A:LYS:HA	1:44:A:GLU:HB3	6	0.49
(7,1004)	1:34:A:LYS:H	1:81:A:GLU:HB3	4	0.49
(7,998)	1:34:A:LYS:H	1:81:A:GLU:HB2	1	0.49
(7,916)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	13	0.49
(7,916)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	13	0.49
(7,807)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	18	0.49
(7,807)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	18	0.49
(7,807)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	18	0.49
(7,292)	1:121:A:VAL:H	1:123:A:CYS:H	9	0.49
(7,292)	1:121:A:VAL:H	1:123:A:CYS:H	13	0.49
(7,292)	1:121:A:VAL:H	1:123:A:CYS:H	14	0.49
(7,258)	1:27:A:ARG:HA	1:29:A:LYS:H	10	0.49
(7,217)	1:110:A:MET:HG2	1:114:A:ILE:H	13	0.49
(7,217)	1:110:A:MET:HG3	1:114:A:ILE:H	13	0.49
(7,150)	1:131:A:LEU:H	1:131:A:LEU:HG	2	0.49
(7,92)	1:95:A:ILE:HG21	1:97:A:ASP:H	15	0.49
(7,92)	1:95:A:ILE:HG22	1:97:A:ASP:H	15	0.49
(7,92)	1:95:A:ILE:HG23	1:97:A:ASP:H	15	0.49
(6,1986)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	19	0.49
(6,1986)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	19	0.49
(6,1986)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	19	0.49
(6,1986)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	19	0.49
(6,1986)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	19	0.49
(6,1986)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	19	0.49
(6,1986)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	19	0.49
(6,1986)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	19	0.49
(6,1986)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	19	0.49
(6,1986)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	19	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1986)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	19	0.49
(6,1986)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	19	0.49
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD11	13	0.49
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD12	13	0.49
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD13	13	0.49
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD21	13	0.49
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD22	13	0.49
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD23	13	0.49
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	1	0.49
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	1	0.49
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	1	0.49
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG21	1	0.49
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG22	1	0.49
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG23	1	0.49
(6,1891)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	6	0.49
(6,1891)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	6	0.49
(6,1891)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	6	0.49
(6,1891)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	6	0.49
(6,1854)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.49
(6,1854)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.49
(6,1780)	1:101:A:ILE:HG21	1:102:A:PRO:HA	19	0.49
(6,1780)	1:101:A:ILE:HG22	1:102:A:PRO:HA	19	0.49
(6,1780)	1:101:A:ILE:HG23	1:102:A:PRO:HA	19	0.49
(6,1595)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	10	0.49
(6,1595)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	10	0.49
(6,1595)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	10	0.49
(6,1595)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	10	0.49
(6,1595)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	10	0.49
(6,1595)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	10	0.49
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD11	19	0.49
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD12	19	0.49
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD13	19	0.49
(6,1343)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	17	0.49
(6,1343)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	17	0.49
(6,1343)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	17	0.49
(6,1343)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	17	0.49
(6,1343)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	17	0.49
(6,1343)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	17	0.49
(6,1225)	1:140:A:LEU:HA	1:140:A:LEU:HD11	5	0.49
(6,1225)	1:140:A:LEU:HA	1:140:A:LEU:HD12	5	0.49
(6,1225)	1:140:A:LEU:HA	1:140:A:LEU:HD13	5	0.49
(6,1219)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	14	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1219)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	14	0.49
(6,1219)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	14	0.49
(6,934)	1:67:A:PRO:HA	1:70:A:LYS:HB2	2	0.49
(6,934)	1:67:A:PRO:HA	1:70:A:LYS:HB3	2	0.49
(6,910)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	19	0.49
(6,910)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	19	0.49
(6,910)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	19	0.49
(6,807)	1:64:A:LYS:H	1:98:A:ILE:HD11	6	0.49
(6,807)	1:64:A:LYS:H	1:98:A:ILE:HD12	6	0.49
(6,807)	1:64:A:LYS:H	1:98:A:ILE:HD13	6	0.49
(6,394)	1:105:A:LYS:HG3	1:106:A:ASP:H	13	0.49
(6,152)	1:67:A:PRO:HD3	1:95:A:ILE:H	2	0.49
(6,15)	1:64:A:LYS:H	1:64:A:LYS:HD2	3	0.49
(6,15)	1:64:A:LYS:H	1:64:A:LYS:HD3	3	0.49
(5,2278)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	19	0.49
(5,2278)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	19	0.49
(5,2195)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	4	0.49
(5,2195)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	4	0.49
(5,2179)	1:55:A:GLY:H	1:122:A:ASP:HB2	6	0.49
(5,2179)	1:55:A:GLY:H	1:122:A:ASP:HB3	6	0.49
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD11	17	0.49
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD12	17	0.49
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD13	17	0.49
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD21	17	0.49
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD22	17	0.49
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD23	17	0.49
(5,1918)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	14	0.49
(5,1918)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	14	0.49
(5,1885)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	15	0.49
(5,1885)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	15	0.49
(5,1878)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.49
(5,1878)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.49
(5,1799)	1:101:A:ILE:HG21	1:102:A:PRO:HA	19	0.49
(5,1799)	1:101:A:ILE:HG22	1:102:A:PRO:HA	19	0.49
(5,1799)	1:101:A:ILE:HG23	1:102:A:PRO:HA	19	0.49
(5,1790)	1:97:A:ASP:HA	1:105:A:LYS:HG3	15	0.49
(5,1694)	1:110:A:MET:HB3	1:111:A:GLU:HB2	17	0.49
(5,1694)	1:110:A:MET:HB3	1:111:A:GLU:HB3	17	0.49
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	16	0.49
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	16	0.49
(5,1583)	1:11:A:ILE:HD11	1:14:A:VAL:H	3	0.49
(5,1583)	1:11:A:ILE:HD12	1:14:A:VAL:H	3	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1583)	1:11:A:ILE:HD13	1:14:A:VAL:H	3	0.49
(5,1553)	1:76:A:ARG:HE	1:110:A:MET:HE1	11	0.49
(5,1553)	1:76:A:ARG:HE	1:110:A:MET:HE2	11	0.49
(5,1553)	1:76:A:ARG:HE	1:110:A:MET:HE3	11	0.49
(5,1303)	1:14:A:VAL:HG21	1:61:A:SER:HB2	19	0.49
(5,1303)	1:14:A:VAL:HG22	1:61:A:SER:HB2	19	0.49
(5,1303)	1:14:A:VAL:HG23	1:61:A:SER:HB2	19	0.49
(5,1267)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	12	0.49
(5,1267)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	12	0.49
(5,1267)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	12	0.49
(5,1267)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	12	0.49
(5,1267)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	12	0.49
(5,1267)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	12	0.49
(5,1267)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	12	0.49
(5,1267)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	12	0.49
(5,1267)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	12	0.49
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD11	13	0.49
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD12	13	0.49
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD13	13	0.49
(5,1021)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	6	0.49
(5,1021)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	6	0.49
(5,1021)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	13	0.49
(5,1021)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	13	0.49
(5,797)	1:58:A:ILE:HD11	1:59:A:CYS:H	13	0.49
(5,797)	1:58:A:ILE:HD12	1:59:A:CYS:H	13	0.49
(5,797)	1:58:A:ILE:HD13	1:59:A:CYS:H	13	0.49
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	7	0.49
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	7	0.49
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	7	0.49
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	7	0.49
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	7	0.49
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	7	0.49
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	7	0.49
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	7	0.49
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	7	0.49
(5,705)	1:28:A:GLY:H	1:30:A:LEU:HB2	18	0.49
(5,705)	1:28:A:GLY:H	1:30:A:LEU:HB3	18	0.49
(5,387)	1:105:A:LYS:HD2	1:106:A:ASP:H	2	0.49
(5,387)	1:105:A:LYS:HD3	1:106:A:ASP:H	2	0.49
(5,320)	1:140:A:LEU:H	1:140:A:LEU:HG	12	0.49
(5,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	2	0.49
(5,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	2	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD11	1	0.49
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD12	1	0.49
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD13	1	0.49
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD11	19	0.49
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD12	19	0.49
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD13	19	0.49
(5,147)	1:67:A:PRO:HD3	1:95:A:ILE:H	2	0.49
(5,15)	1:64:A:LYS:H	1:64:A:LYS:HD2	3	0.49
(5,15)	1:64:A:LYS:H	1:64:A:LYS:HD3	3	0.49
(4,2429)	1:134:A:VAL:HG11	1:137:A:SER:HB2	13	0.49
(4,2429)	1:134:A:VAL:HG11	1:137:A:SER:HB3	13	0.49
(4,2429)	1:134:A:VAL:HG12	1:137:A:SER:HB2	13	0.49
(4,2429)	1:134:A:VAL:HG12	1:137:A:SER:HB3	13	0.49
(4,2429)	1:134:A:VAL:HG13	1:137:A:SER:HB2	13	0.49
(4,2429)	1:134:A:VAL:HG13	1:137:A:SER:HB3	13	0.49
(4,2429)	1:134:A:VAL:HG21	1:137:A:SER:HB2	13	0.49
(4,2429)	1:134:A:VAL:HG21	1:137:A:SER:HB3	13	0.49
(4,2429)	1:134:A:VAL:HG22	1:137:A:SER:HB2	13	0.49
(4,2429)	1:134:A:VAL:HG22	1:137:A:SER:HB3	13	0.49
(4,2429)	1:134:A:VAL:HG23	1:137:A:SER:HB2	13	0.49
(4,2429)	1:134:A:VAL:HG23	1:137:A:SER:HB3	13	0.49
(4,2253)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	2	0.49
(4,2253)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	2	0.49
(4,2253)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	6	0.49
(4,2253)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	6	0.49
(4,2253)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	12	0.49
(4,2253)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	12	0.49
(4,2189)	1:57:A:LEU:HD11	1:60:A:LEU:H	3	0.49
(4,2189)	1:57:A:LEU:HD12	1:60:A:LEU:H	3	0.49
(4,2189)	1:57:A:LEU:HD13	1:60:A:LEU:H	3	0.49
(4,2189)	1:57:A:LEU:HD21	1:60:A:LEU:H	3	0.49
(4,2189)	1:57:A:LEU:HD22	1:60:A:LEU:H	3	0.49
(4,2189)	1:57:A:LEU:HD23	1:60:A:LEU:H	3	0.49
(4,2189)	1:57:A:LEU:HD11	1:60:A:LEU:H	14	0.49
(4,2189)	1:57:A:LEU:HD12	1:60:A:LEU:H	14	0.49
(4,2189)	1:57:A:LEU:HD13	1:60:A:LEU:H	14	0.49
(4,2189)	1:57:A:LEU:HD21	1:60:A:LEU:H	14	0.49
(4,2189)	1:57:A:LEU:HD22	1:60:A:LEU:H	14	0.49
(4,2189)	1:57:A:LEU:HD23	1:60:A:LEU:H	14	0.49
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG11	5	0.49
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG12	5	0.49
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG13	5	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG21	5	0.49
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG22	5	0.49
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG23	5	0.49
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG11	5	0.49
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG12	5	0.49
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG13	5	0.49
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG21	5	0.49
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG22	5	0.49
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG23	5	0.49
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG11	5	0.49
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG12	5	0.49
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG13	5	0.49
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG21	5	0.49
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG22	5	0.49
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG23	5	0.49
(4,2139)	1:43:A:MET:HB2	1:140:A:LEU:HG	5	0.49
(4,2139)	1:43:A:MET:HB3	1:140:A:LEU:HG	5	0.49
(4,2034)	1:23:A:LEU:HD11	1:24:A:ASP:H	15	0.49
(4,2034)	1:23:A:LEU:HD12	1:24:A:ASP:H	15	0.49
(4,2034)	1:23:A:LEU:HD13	1:24:A:ASP:H	15	0.49
(4,2034)	1:23:A:LEU:HD21	1:24:A:ASP:H	15	0.49
(4,2034)	1:23:A:LEU:HD22	1:24:A:ASP:H	15	0.49
(4,2034)	1:23:A:LEU:HD23	1:24:A:ASP:H	15	0.49
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD11	11	0.49
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD12	11	0.49
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD13	11	0.49
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD21	11	0.49
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD22	11	0.49
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD23	11	0.49
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	8	0.49
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	8	0.49
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	8	0.49
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	8	0.49
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	8	0.49
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	8	0.49
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	8	0.49
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	8	0.49
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	8	0.49
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	8	0.49
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	8	0.49
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	8	0.49
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	8	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	8	0.49
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	8	0.49
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	8	0.49
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	8	0.49
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	8	0.49
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	8	0.49
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	8	0.49
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	8	0.49
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	8	0.49
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	8	0.49
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	8	0.49
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	8	0.49
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	8	0.49
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	8	0.49
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	8	0.49
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	8	0.49
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	8	0.49
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	8	0.49
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	8	0.49
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	8	0.49
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	8	0.49
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	8	0.49
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	8	0.49
(4,1928)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	10	0.49
(4,1928)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	10	0.49
(4,1928)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	10	0.49
(4,1928)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	10	0.49
(4,1897)	1:14:A:VAL:HB	1:18:A:PHE:HZ	15	0.49
(4,1843)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	18	0.49
(4,1843)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	18	0.49
(4,1828)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.49
(4,1828)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.49
(4,1822)	1:13:A:ALA:HA	1:80:A:TYR:HE1	4	0.49
(4,1822)	1:13:A:ALA:HA	1:80:A:TYR:HE2	4	0.49
(4,1754)	1:101:A:ILE:HG21	1:102:A:PRO:HA	19	0.49
(4,1754)	1:101:A:ILE:HG22	1:102:A:PRO:HA	19	0.49
(4,1754)	1:101:A:ILE:HG23	1:102:A:PRO:HA	19	0.49
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD11	5	0.49
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD12	5	0.49
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD13	5	0.49
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD21	5	0.49
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD22	5	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD23	5	0.49
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD21	8	0.49
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD22	8	0.49
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD23	8	0.49
(4,1508)	1:69:A:MET:HE1	1:113:A:PHE:HB3	5	0.49
(4,1508)	1:69:A:MET:HE2	1:113:A:PHE:HB3	5	0.49
(4,1508)	1:69:A:MET:HE3	1:113:A:PHE:HB3	5	0.49
(4,1388)	1:132:A:ALA:HB1	1:133:A:ASN:HB2	7	0.49
(4,1388)	1:132:A:ALA:HB2	1:133:A:ASN:HB2	7	0.49
(4,1388)	1:132:A:ALA:HB3	1:133:A:ASN:HB2	7	0.49
(4,1230)	1:23:A:LEU:HD11	1:24:A:ASP:H	16	0.49
(4,1230)	1:23:A:LEU:HD12	1:24:A:ASP:H	16	0.49
(4,1230)	1:23:A:LEU:HD13	1:24:A:ASP:H	16	0.49
(4,1204)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	14	0.49
(4,1204)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	14	0.49
(4,1204)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	14	0.49
(4,1025)	1:20:A:THR:HG21	1:21:A:THR:HA	11	0.49
(4,1025)	1:20:A:THR:HG22	1:21:A:THR:HA	11	0.49
(4,1025)	1:20:A:THR:HG23	1:21:A:THR:HA	11	0.49
(4,940)	1:11:A:ILE:HD11	1:12:A:VAL:HA	10	0.49
(4,940)	1:11:A:ILE:HD12	1:12:A:VAL:HA	10	0.49
(4,940)	1:11:A:ILE:HD13	1:12:A:VAL:HA	10	0.49
(4,933)	1:69:A:MET:HG2	1:109:A:PRO:HA	8	0.49
(4,933)	1:69:A:MET:HG2	1:109:A:PRO:HA	16	0.49
(4,913)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	19	0.49
(4,913)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	19	0.49
(4,913)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	19	0.49
(4,862)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	15	0.49
(4,862)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	15	0.49
(4,807)	1:64:A:LYS:H	1:98:A:ILE:HD11	6	0.49
(4,807)	1:64:A:LYS:H	1:98:A:ILE:HD12	6	0.49
(4,807)	1:64:A:LYS:H	1:98:A:ILE:HD13	6	0.49
(4,703)	1:48:A:ARG:HE	1:49:A:LYS:HA	11	0.49
(4,644)	1:79:A:THR:H	1:80:A:TYR:HD1	15	0.49
(4,644)	1:79:A:THR:H	1:80:A:TYR:HD2	15	0.49
(4,362)	1:41:A:LYS:H	1:44:A:GLU:HB2	7	0.49
(4,362)	1:41:A:LYS:H	1:44:A:GLU:HB3	7	0.49
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB2	13	0.49
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB3	13	0.49
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB2	17	0.49
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB3	17	0.49
(4,147)	1:131:A:LEU:H	1:131:A:LEU:HG	2	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,69)	1:13:A:ALA:HB1	1:81:A:GLU:H	8	0.49
(4,69)	1:13:A:ALA:HB2	1:81:A:GLU:H	8	0.49
(4,69)	1:13:A:ALA:HB3	1:81:A:GLU:H	8	0.49
(3,2500)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	9	0.49
(3,2500)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	9	0.49
(3,2500)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	9	0.49
(3,2500)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	9	0.49
(3,2500)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	9	0.49
(3,2500)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	9	0.49
(3,2499)	1:140:A:LEU:HD11	1:144:A:LEU:H	14	0.49
(3,2499)	1:140:A:LEU:HD12	1:144:A:LEU:H	14	0.49
(3,2499)	1:140:A:LEU:HD13	1:144:A:LEU:H	14	0.49
(3,2499)	1:140:A:LEU:HD21	1:144:A:LEU:H	14	0.49
(3,2499)	1:140:A:LEU:HD22	1:144:A:LEU:H	14	0.49
(3,2499)	1:140:A:LEU:HD23	1:144:A:LEU:H	14	0.49
(3,2232)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	3	0.49
(3,2232)	1:60:A:LEU:HD11	1:122:A:ASP:HB3	3	0.49
(3,2232)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	3	0.49
(3,2232)	1:60:A:LEU:HD12	1:122:A:ASP:HB3	3	0.49
(3,2232)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	3	0.49
(3,2232)	1:60:A:LEU:HD13	1:122:A:ASP:HB3	3	0.49
(3,2232)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	3	0.49
(3,2232)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	3	0.49
(3,2232)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	3	0.49
(3,2232)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	3	0.49
(3,2232)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	3	0.49
(3,2232)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	3	0.49
(3,2230)	1:60:A:LEU:HD11	1:120:A:CYS:HA	4	0.49
(3,2230)	1:60:A:LEU:HD12	1:120:A:CYS:HA	4	0.49
(3,2230)	1:60:A:LEU:HD13	1:120:A:CYS:HA	4	0.49
(3,2230)	1:60:A:LEU:HD21	1:120:A:CYS:HA	4	0.49
(3,2230)	1:60:A:LEU:HD22	1:120:A:CYS:HA	4	0.49
(3,2230)	1:60:A:LEU:HD23	1:120:A:CYS:HA	4	0.49
(3,2165)	1:43:A:MET:HB2	1:140:A:LEU:HG	5	0.49
(3,2165)	1:43:A:MET:HB3	1:140:A:LEU:HG	5	0.49
(3,2049)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	12	0.49
(3,2049)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	12	0.49
(3,2049)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	12	0.49
(3,2049)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	0.49
(3,2049)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	0.49
(3,2049)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	0.49
(3,2049)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	12	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2049)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	12	0.49
(3,2049)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	12	0.49
(3,2049)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	0.49
(3,2049)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	0.49
(3,2049)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	0.49
(3,2045)	1:17:A:ASN:HD21	1:79:A:THR:H	3	0.49
(3,2045)	1:17:A:ASN:HD22	1:79:A:THR:H	3	0.49
(3,2027)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	12	0.49
(3,2027)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	12	0.49
(3,2027)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	12	0.49
(3,2027)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	12	0.49
(3,2027)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	12	0.49
(3,2027)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	12	0.49
(3,2027)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	12	0.49
(3,2027)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	12	0.49
(3,2027)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	12	0.49
(3,2027)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	12	0.49
(3,2027)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	12	0.49
(3,2027)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	12	0.49
(3,2027)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	12	0.49
(3,2027)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	12	0.49
(3,2027)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	12	0.49
(3,2027)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	12	0.49
(3,2027)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	12	0.49
(3,2027)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	12	0.49
(3,2027)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	12	0.49
(3,2027)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	12	0.49
(3,2027)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	12	0.49
(3,2027)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	12	0.49
(3,2027)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	12	0.49
(3,2027)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	12	0.49
(3,2027)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	12	0.49
(3,2027)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	12	0.49
(3,2027)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	12	0.49
(3,2027)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	12	0.49
(3,2027)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	12	0.49
(3,2027)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	12	0.49
(3,2027)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	12	0.49
(3,2027)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	12	0.49
(3,2027)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	12	0.49
(3,2027)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	12	0.49
(3,2027)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	12	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2027)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	12	0.49
(3,1973)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	10	0.49
(3,1973)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	10	0.49
(3,1973)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	10	0.49
(3,1973)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	10	0.49
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	13	0.49
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	13	0.49
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	13	0.49
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	13	0.49
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	13	0.49
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	13	0.49
(3,1949)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	13	0.49
(3,1949)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	13	0.49
(3,1929)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	4	0.49
(3,1929)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	4	0.49
(3,1929)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	4	0.49
(3,1929)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	4	0.49
(3,1910)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	6	0.49
(3,1910)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	6	0.49
(3,1910)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	6	0.49
(3,1910)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	6	0.49
(3,1886)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	15	0.49
(3,1886)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	15	0.49
(3,1879)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.49
(3,1879)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.49
(3,1846)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	1	0.49
(3,1846)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	1	0.49
(3,1846)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	1	0.49
(3,1846)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	1	0.49
(3,1846)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	1	0.49
(3,1846)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	1	0.49
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD1	12	0.49
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD2	12	0.49
(3,1803)	1:101:A:ILE:HG21	1:102:A:PRO:HA	19	0.49
(3,1803)	1:101:A:ILE:HG22	1:102:A:PRO:HA	19	0.49
(3,1803)	1:101:A:ILE:HG23	1:102:A:PRO:HA	19	0.49
(3,1759)	1:21:A:THR:HG21	1:23:A:LEU:HD21	9	0.49
(3,1759)	1:21:A:THR:HG21	1:23:A:LEU:HD22	9	0.49
(3,1759)	1:21:A:THR:HG21	1:23:A:LEU:HD23	9	0.49
(3,1759)	1:21:A:THR:HG22	1:23:A:LEU:HD21	9	0.49
(3,1759)	1:21:A:THR:HG22	1:23:A:LEU:HD22	9	0.49
(3,1759)	1:21:A:THR:HG22	1:23:A:LEU:HD23	9	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1759)	1:21:A:THR:HG23	1:23:A:LEU:HD21	9	0.49
(3,1759)	1:21:A:THR:HG23	1:23:A:LEU:HD22	9	0.49
(3,1759)	1:21:A:THR:HG23	1:23:A:LEU:HD23	9	0.49
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD2	18	0.49
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD3	18	0.49
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD2	18	0.49
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD3	18	0.49
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD2	18	0.49
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD3	18	0.49
(3,1627)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	10	0.49
(3,1627)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	10	0.49
(3,1627)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	10	0.49
(3,1627)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	10	0.49
(3,1627)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	10	0.49
(3,1627)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	10	0.49
(3,1580)	1:40:A:LEU:HD11	1:43:A:MET:H	10	0.49
(3,1580)	1:40:A:LEU:HD12	1:43:A:MET:H	10	0.49
(3,1580)	1:40:A:LEU:HD13	1:43:A:MET:H	10	0.49
(3,1563)	1:76:A:ARG:HE	1:110:A:MET:HE1	11	0.49
(3,1563)	1:76:A:ARG:HE	1:110:A:MET:HE2	11	0.49
(3,1563)	1:76:A:ARG:HE	1:110:A:MET:HE3	11	0.49
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE1	2	0.49
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE2	2	0.49
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE3	2	0.49
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE1	2	0.49
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE2	2	0.49
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE3	2	0.49
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE1	17	0.49
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE2	17	0.49
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE3	17	0.49
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE1	17	0.49
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE2	17	0.49
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE3	17	0.49
(3,1260)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	11	0.49
(3,1260)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	11	0.49
(3,1260)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	11	0.49
(3,1194)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	4	0.49
(3,1194)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	4	0.49
(3,1194)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	4	0.49
(3,1194)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	4	0.49
(3,1194)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	4	0.49
(3,1194)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	4	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1106)	1:136:A:CYS:HB2	1:141:A:LYS:HA	12	0.49
(3,1033)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	6	0.49
(3,1033)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	6	0.49
(3,1033)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	13	0.49
(3,1033)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	13	0.49
(3,980)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	15	0.49
(3,980)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	15	0.49
(3,834)	1:98:A:ILE:HD11	1:119:A:LEU:HG	7	0.49
(3,834)	1:98:A:ILE:HD12	1:119:A:LEU:HG	7	0.49
(3,834)	1:98:A:ILE:HD13	1:119:A:LEU:HG	7	0.49
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	13	0.49
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	13	0.49
(3,801)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	13	0.49
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	13	0.49
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	13	0.49
(3,801)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	13	0.49
(3,739)	1:50:A:ALA:H	1:130:A:GLY:HA3	9	0.49
(3,728)	1:44:A:GLU:HB2	1:54:A:ARG:HE	10	0.49
(3,728)	1:44:A:GLU:HB3	1:54:A:ARG:HE	10	0.49
(3,659)	1:79:A:THR:H	1:80:A:TYR:HD1	15	0.49
(3,659)	1:79:A:THR:H	1:80:A:TYR:HD2	15	0.49
(3,350)	1:73:A:ILE:HD11	1:111:A:GLU:H	19	0.49
(3,350)	1:73:A:ILE:HD12	1:111:A:GLU:H	19	0.49
(3,350)	1:73:A:ILE:HD13	1:111:A:GLU:H	19	0.49
(3,255)	1:27:A:ARG:HA	1:29:A:LYS:H	10	0.49
(3,230)	1:44:A:GLU:HG3	1:48:A:ARG:H	17	0.49
(3,215)	1:110:A:MET:HG2	1:114:A:ILE:H	13	0.49
(3,215)	1:110:A:MET:HG3	1:114:A:ILE:H	13	0.49
(3,149)	1:131:A:LEU:H	1:131:A:LEU:HG	2	0.49
(3,107)	1:22:A:ASP:H	1:25:A:ALA:HB1	1	0.49
(3,107)	1:22:A:ASP:H	1:25:A:ALA:HB2	1	0.49
(3,107)	1:22:A:ASP:H	1:25:A:ALA:HB3	1	0.49
(3,17)	1:64:A:LYS:H	1:64:A:LYS:HD2	3	0.49
(3,17)	1:64:A:LYS:H	1:64:A:LYS:HD3	3	0.49
(2,2464)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	9	0.49
(2,2464)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	9	0.49
(2,2464)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	9	0.49
(2,2464)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	9	0.49
(2,2464)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	9	0.49
(2,2464)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	9	0.49
(2,2440)	1:137:A:SER:HB2	1:140:A:LEU:HB2	15	0.49
(2,2440)	1:137:A:SER:HB3	1:140:A:LEU:HB2	15	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2418)	1:131:A:LEU:HD11	1:134:A:VAL:HB	5	0.49
(2,2418)	1:131:A:LEU:HD12	1:134:A:VAL:HB	5	0.49
(2,2418)	1:131:A:LEU:HD13	1:134:A:VAL:HB	5	0.49
(2,2418)	1:131:A:LEU:HD21	1:134:A:VAL:HB	5	0.49
(2,2418)	1:131:A:LEU:HD22	1:134:A:VAL:HB	5	0.49
(2,2418)	1:131:A:LEU:HD23	1:134:A:VAL:HB	5	0.49
(2,2297)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	19	0.49
(2,2297)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	19	0.49
(2,2294)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	10	0.49
(2,2294)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	10	0.49
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG11	2	0.49
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG12	2	0.49
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG13	2	0.49
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG21	2	0.49
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG22	2	0.49
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG23	2	0.49
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG11	13	0.49
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG12	13	0.49
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG13	13	0.49
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG21	13	0.49
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG22	13	0.49
(2,2196)	1:49:A:LYS:H	1:134:A:VAL:HG23	13	0.49
(2,1995)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	8	0.49
(2,1995)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	8	0.49
(2,1995)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	8	0.49
(2,1995)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	8	0.49
(2,1995)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	8	0.49
(2,1995)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	8	0.49
(2,1995)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	8	0.49
(2,1995)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	8	0.49
(2,1995)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	8	0.49
(2,1995)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	8	0.49
(2,1995)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	8	0.49
(2,1995)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	8	0.49
(2,1979)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	3	0.49
(2,1979)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	3	0.49
(2,1976)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	8	0.49
(2,1976)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	8	0.49
(2,1976)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	8	0.49
(2,1976)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	8	0.49
(2,1976)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	8	0.49
(2,1976)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	8	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1927)	1:151:A:PHE:H	1:151:A:PHE:HD1	15	0.49
(2,1927)	1:151:A:PHE:H	1:151:A:PHE:HD2	15	0.49
(2,1926)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	4	0.49
(2,1926)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	4	0.49
(2,1926)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	4	0.49
(2,1926)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	4	0.49
(2,1884)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	15	0.49
(2,1884)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	15	0.49
(2,1873)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	4	0.49
(2,1873)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	4	0.49
(2,1873)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	4	0.49
(2,1873)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	4	0.49
(2,1814)	1:13:A:ALA:HA	1:80:A:TYR:HD1	1	0.49
(2,1814)	1:13:A:ALA:HA	1:80:A:TYR:HD2	1	0.49
(2,1792)	1:101:A:ILE:HG21	1:102:A:PRO:HA	19	0.49
(2,1792)	1:101:A:ILE:HG22	1:102:A:PRO:HA	19	0.49
(2,1792)	1:101:A:ILE:HG23	1:102:A:PRO:HA	19	0.49
(2,1756)	1:31:A:PRO:HB2	1:35:A:LEU:HA	14	0.49
(2,1756)	1:31:A:PRO:HB3	1:35:A:LEU:HA	14	0.49
(2,1640)	1:10:A:ASN:HB3	1:61:A:SER:HA	17	0.49
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG21	17	0.49
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG22	17	0.49
(2,1599)	1:64:A:LYS:H	1:98:A:ILE:HG23	17	0.49
(2,1580)	1:11:A:ILE:HD11	1:14:A:VAL:H	15	0.49
(2,1580)	1:11:A:ILE:HD12	1:14:A:VAL:H	15	0.49
(2,1580)	1:11:A:ILE:HD13	1:14:A:VAL:H	15	0.49
(2,1528)	1:69:A:MET:HE1	1:113:A:PHE:HB3	5	0.49
(2,1528)	1:69:A:MET:HE2	1:113:A:PHE:HB3	5	0.49
(2,1528)	1:69:A:MET:HE3	1:113:A:PHE:HB3	5	0.49
(2,1488)	1:101:A:ILE:HG21	1:103:A:ARG:HA	16	0.49
(2,1488)	1:101:A:ILE:HG22	1:103:A:ARG:HA	16	0.49
(2,1488)	1:101:A:ILE:HG23	1:103:A:ARG:HA	16	0.49
(2,1221)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	14	0.49
(2,1221)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	14	0.49
(2,1221)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	14	0.49
(2,1172)	1:128:A:LEU:HD11	1:129:A:LYS:H	11	0.49
(2,1172)	1:128:A:LEU:HD12	1:129:A:LYS:H	11	0.49
(2,1172)	1:128:A:LEU:HD13	1:129:A:LYS:H	11	0.49
(2,942)	1:39:A:VAL:HA	1:43:A:MET:HG2	12	0.49
(2,813)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	18	0.49
(2,813)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	18	0.49
(2,813)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	18	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,808)	1:64:A:LYS:H	1:98:A:ILE:HD11	6	0.49
(2,808)	1:64:A:LYS:H	1:98:A:ILE:HD12	6	0.49
(2,808)	1:64:A:LYS:H	1:98:A:ILE:HD13	6	0.49
(2,765)	1:73:A:ILE:HD11	1:113:A:PHE:HA	8	0.49
(2,765)	1:73:A:ILE:HD12	1:113:A:PHE:HA	8	0.49
(2,765)	1:73:A:ILE:HD13	1:113:A:PHE:HA	8	0.49
(2,714)	1:44:A:GLU:HB2	1:54:A:ARG:HE	10	0.49
(2,714)	1:44:A:GLU:HB3	1:54:A:ARG:HE	10	0.49
(2,214)	1:110:A:MET:HG2	1:114:A:ILE:H	13	0.49
(2,214)	1:110:A:MET:HG3	1:114:A:ILE:H	13	0.49
(2,122)	1:48:A:ARG:HD2	1:49:A:LYS:H	14	0.49
(2,122)	1:48:A:ARG:HD3	1:49:A:LYS:H	14	0.49
(2,72)	1:54:A:ARG:H	1:54:A:ARG:HE	6	0.49
(2,38)	1:43:A:MET:HA	1:47:A:ALA:H	6	0.49
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	8	0.49
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	8	0.49
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	8	0.49
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	8	0.49
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	8	0.49
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	8	0.49
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	8	0.49
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	8	0.49
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	8	0.49
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	8	0.49
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	8	0.49
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	8	0.49
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD11	10	0.49
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD12	10	0.49
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD13	10	0.49
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD21	10	0.49
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD22	10	0.49
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD23	10	0.49
(1,2006)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	7	0.49
(1,2006)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	7	0.49
(1,2006)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	7	0.49
(1,2006)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	7	0.49
(1,2006)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	7	0.49
(1,2006)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	7	0.49
(1,1934)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	13	0.49
(1,1934)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	13	0.49
(1,1873)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	15	0.49
(1,1873)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	15	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1866)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.49
(1,1866)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.49
(1,1860)	1:80:A:TYR:HE1	1:81:A:GLU:HB3	8	0.49
(1,1860)	1:80:A:TYR:HE2	1:81:A:GLU:HB3	8	0.49
(1,1836)	1:9:A:PHE:HZ	1:57:A:LEU:HA	13	0.49
(1,1804)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	15	0.49
(1,1804)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	15	0.49
(1,1804)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	15	0.49
(1,1804)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	15	0.49
(1,1804)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	15	0.49
(1,1804)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	15	0.49
(1,1684)	1:110:A:MET:HB3	1:111:A:GLU:HB2	17	0.49
(1,1684)	1:110:A:MET:HB3	1:111:A:GLU:HB3	17	0.49
(1,1598)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	14	0.49
(1,1598)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	14	0.49
(1,1598)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	14	0.49
(1,1598)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	18	0.49
(1,1598)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	18	0.49
(1,1598)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	18	0.49
(1,1580)	1:11:A:ILE:HD11	1:14:A:VAL:H	3	0.49
(1,1580)	1:11:A:ILE:HD12	1:14:A:VAL:H	3	0.49
(1,1580)	1:11:A:ILE:HD13	1:14:A:VAL:H	3	0.49
(1,1521)	1:43:A:MET:HE1	1:46:A:ASN:HB2	5	0.49
(1,1521)	1:43:A:MET:HE2	1:46:A:ASN:HB2	5	0.49
(1,1521)	1:43:A:MET:HE3	1:46:A:ASN:HB2	5	0.49
(1,1411)	1:132:A:ALA:HB1	1:133:A:ASN:HB2	7	0.49
(1,1411)	1:132:A:ALA:HB2	1:133:A:ASN:HB2	7	0.49
(1,1411)	1:132:A:ALA:HB3	1:133:A:ASN:HB2	7	0.49
(1,1260)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	12	0.49
(1,1260)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	12	0.49
(1,1260)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	12	0.49
(1,1260)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	12	0.49
(1,1260)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	12	0.49
(1,1260)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	12	0.49
(1,1260)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	12	0.49
(1,1260)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	12	0.49
(1,1260)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	12	0.49
(1,1249)	1:21:A:THR:HG21	1:23:A:LEU:HA	7	0.49
(1,1249)	1:21:A:THR:HG22	1:23:A:LEU:HA	7	0.49
(1,1249)	1:21:A:THR:HG23	1:23:A:LEU:HA	7	0.49
(1,1098)	1:136:A:CYS:HB2	1:141:A:LYS:HA	12	0.49
(1,949)	1:81:A:GLU:HA	1:81:A:GLU:HG2	13	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,949)	1:81:A:GLU:HA	1:81:A:GLU:HG3	13	0.49
(1,849)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	18	0.49
(1,849)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	18	0.49
(1,849)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	18	0.49
(1,849)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	18	0.49
(1,849)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	18	0.49
(1,849)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	18	0.49
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	13	0.49
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	13	0.49
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	13	0.49
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	13	0.49
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	13	0.49
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	13	0.49
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	13	0.49
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	13	0.49
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	13	0.49
(1,735)	1:50:A:ALA:H	1:130:A:GLY:HA3	9	0.49
(1,660)	1:79:A:THR:H	1:80:A:TYR:HD1	15	0.49
(1,660)	1:79:A:THR:H	1:80:A:TYR:HD2	15	0.49
(1,226)	1:110:A:MET:HG2	1:114:A:ILE:H	13	0.49
(1,226)	1:110:A:MET:HG3	1:114:A:ILE:H	13	0.49
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB1	8	0.49
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB2	8	0.49
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB3	8	0.49
(1,160)	1:131:A:LEU:H	1:131:A:LEU:HG	2	0.49
(1,38)	1:96:A:VAL:H	1:96:A:VAL:HB	5	0.49
(1,38)	1:96:A:VAL:H	1:96:A:VAL:HB	16	0.49
(1,17)	1:64:A:LYS:H	1:64:A:LYS:HD2	3	0.49
(1,17)	1:64:A:LYS:H	1:64:A:LYS:HD3	3	0.49
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	7	0.48
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	7	0.48
(34,2203)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	7	0.48
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	7	0.48
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	7	0.48
(34,2203)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	7	0.48
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	7	0.48
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	7	0.48
(34,2203)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	7	0.48
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	7	0.48
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	7	0.48
(34,2203)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	7	0.48
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	7	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	7	0.48
(34,2203)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	7	0.48
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	7	0.48
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	7	0.48
(34,2203)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	7	0.48
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD11	17	0.48
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD12	17	0.48
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD13	17	0.48
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD21	17	0.48
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD22	17	0.48
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD23	17	0.48
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG11	15	0.48
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG12	15	0.48
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG13	15	0.48
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	15	0.48
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	15	0.48
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	15	0.48
(34,1918)	1:13:A:ALA:H	1:80:A:TYR:HE1	6	0.48
(34,1918)	1:13:A:ALA:H	1:80:A:TYR:HE2	6	0.48
(34,1911)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	8	0.48
(34,1911)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	8	0.48
(34,1875)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	17	0.48
(34,1875)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	17	0.48
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	6	0.48
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	6	0.48
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	6	0.48
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	6	0.48
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	6	0.48
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	6	0.48
(34,1782)	1:65:A:CYS:HB2	1:69:A:MET:HE1	12	0.48
(34,1782)	1:65:A:CYS:HB2	1:69:A:MET:HE2	12	0.48
(34,1782)	1:65:A:CYS:HB2	1:69:A:MET:HE3	12	0.48
(34,1772)	1:141:A:LYS:HA	1:144:A:LEU:HD21	17	0.48
(34,1772)	1:141:A:LYS:HA	1:144:A:LEU:HD22	17	0.48
(34,1772)	1:141:A:LYS:HA	1:144:A:LEU:HD23	17	0.48
(34,1697)	1:69:A:MET:HG3	1:109:A:PRO:HA	7	0.48
(34,1603)	1:98:A:ILE:HG21	1:116:A:GLN:H	3	0.48
(34,1603)	1:98:A:ILE:HG22	1:116:A:GLN:H	3	0.48
(34,1603)	1:98:A:ILE:HG23	1:116:A:GLN:H	3	0.48
(34,1557)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	17	0.48
(34,1557)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	17	0.48
(34,1557)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	17	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1557)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	17	0.48
(34,1557)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	17	0.48
(34,1557)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	17	0.48
(34,1445)	1:119:A:LEU:HA	1:121:A:VAL:HG21	6	0.48
(34,1445)	1:119:A:LEU:HA	1:121:A:VAL:HG22	6	0.48
(34,1445)	1:119:A:LEU:HA	1:121:A:VAL:HG23	6	0.48
(34,1306)	1:45:A:ALA:HA	1:48:A:ARG:HB2	1	0.48
(34,1306)	1:45:A:ALA:HA	1:48:A:ARG:HB3	1	0.48
(34,1270)	1:38:A:GLU:HG2	1:139:A:LEU:HD21	3	0.48
(34,1270)	1:38:A:GLU:HG2	1:139:A:LEU:HD22	3	0.48
(34,1270)	1:38:A:GLU:HG2	1:139:A:LEU:HD23	3	0.48
(34,1270)	1:38:A:GLU:HG3	1:139:A:LEU:HD21	3	0.48
(34,1270)	1:38:A:GLU:HG3	1:139:A:LEU:HD22	3	0.48
(34,1270)	1:38:A:GLU:HG3	1:139:A:LEU:HD23	3	0.48
(34,1256)	1:143:A:TRP:H	1:144:A:LEU:HD11	17	0.48
(34,1256)	1:143:A:TRP:H	1:144:A:LEU:HD12	17	0.48
(34,1256)	1:143:A:TRP:H	1:144:A:LEU:HD13	17	0.48
(34,1254)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	16	0.48
(34,1254)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	16	0.48
(34,1254)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	16	0.48
(34,1250)	1:105:A:LYS:HG2	1:106:A:ASP:HA	6	0.48
(34,1250)	1:105:A:LYS:HG2	1:106:A:ASP:HA	8	0.48
(34,1250)	1:105:A:LYS:HG2	1:106:A:ASP:HA	18	0.48
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD11	13	0.48
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD12	13	0.48
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD13	13	0.48
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD11	6	0.48
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD12	6	0.48
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD13	6	0.48
(34,1046)	1:34:A:LYS:H	1:81:A:GLU:HB3	15	0.48
(34,934)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	8	0.48
(34,934)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	8	0.48
(34,934)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	15	0.48
(34,934)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	15	0.48
(34,914)	1:69:A:MET:HE1	1:73:A:ILE:HB	5	0.48
(34,914)	1:69:A:MET:HE2	1:73:A:ILE:HB	5	0.48
(34,914)	1:69:A:MET:HE3	1:73:A:ILE:HB	5	0.48
(34,802)	1:11:A:ILE:HD11	1:14:A:VAL:HB	4	0.48
(34,802)	1:11:A:ILE:HD12	1:14:A:VAL:HB	4	0.48
(34,802)	1:11:A:ILE:HD13	1:14:A:VAL:HB	4	0.48
(34,794)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	7	0.48
(34,794)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	7	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,794)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	7	0.48
(34,794)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	7	0.48
(34,794)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	7	0.48
(34,794)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	7	0.48
(34,754)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	9	0.48
(34,754)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	9	0.48
(34,754)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	9	0.48
(34,715)	1:23:A:LEU:HB2	1:27:A:ARG:HE	17	0.48
(34,715)	1:23:A:LEU:HB3	1:27:A:ARG:HE	17	0.48
(34,661)	1:79:A:THR:H	1:80:A:TYR:HD1	13	0.48
(34,661)	1:79:A:THR:H	1:80:A:TYR:HD2	13	0.48
(34,656)	1:70:A:LYS:H	1:74:A:PRO:HA	14	0.48
(34,601)	1:28:A:GLY:H	1:29:A:LYS:H	12	0.48
(34,509)	1:105:A:LYS:H	1:105:A:LYS:HD2	4	0.48
(34,509)	1:105:A:LYS:H	1:105:A:LYS:HD3	4	0.48
(34,321)	1:40:A:LEU:HD11	1:43:A:MET:H	3	0.48
(34,321)	1:40:A:LEU:HD12	1:43:A:MET:H	3	0.48
(34,321)	1:40:A:LEU:HD13	1:43:A:MET:H	3	0.48
(34,316)	1:64:A:LYS:HD2	1:65:A:CYS:H	19	0.48
(34,316)	1:64:A:LYS:HD3	1:65:A:CYS:H	19	0.48
(34,156)	1:67:A:PRO:HD3	1:95:A:ILE:H	17	0.48
(34,126)	1:79:A:THR:HB	1:80:A:TYR:H	9	0.48
(34,45)	1:98:A:ILE:H	1:104:A:PHE:HB2	6	0.48
(34,45)	1:98:A:ILE:H	1:104:A:PHE:HB3	6	0.48
(34,12)	1:64:A:LYS:H	1:116:A:GLN:HG2	17	0.48
(33,2134)	1:40:A:LEU:HD11	1:43:A:MET:H	12	0.48
(33,2134)	1:40:A:LEU:HD12	1:43:A:MET:H	12	0.48
(33,2134)	1:40:A:LEU:HD13	1:43:A:MET:H	12	0.48
(33,2134)	1:40:A:LEU:HD21	1:43:A:MET:H	12	0.48
(33,2134)	1:40:A:LEU:HD22	1:43:A:MET:H	12	0.48
(33,2134)	1:40:A:LEU:HD23	1:43:A:MET:H	12	0.48
(33,2086)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	2	0.48
(33,2086)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	2	0.48
(33,2086)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	2	0.48
(33,2086)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	2	0.48
(33,2086)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	2	0.48
(33,2086)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	2	0.48
(33,2025)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	17	0.48
(33,2025)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	17	0.48
(33,2025)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	17	0.48
(33,2025)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	17	0.48
(33,2025)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	17	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2025)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	17	0.48
(33,2025)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	17	0.48
(33,2025)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	17	0.48
(33,2025)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	17	0.48
(33,2025)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	17	0.48
(33,2025)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	17	0.48
(33,2025)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	17	0.48
(33,2021)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	12	0.48
(33,2021)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	12	0.48
(33,2021)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	12	0.48
(33,2021)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	0.48
(33,2021)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	0.48
(33,2021)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	0.48
(33,2021)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	12	0.48
(33,2021)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	12	0.48
(33,2021)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	12	0.48
(33,2021)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	0.48
(33,2021)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	0.48
(33,2021)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	0.48
(33,2019)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	18	0.48
(33,2019)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	18	0.48
(33,2019)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	18	0.48
(33,2019)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	18	0.48
(33,2019)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	18	0.48
(33,2019)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	18	0.48
(33,1908)	1:13:A:ALA:H	1:80:A:TYR:HE1	6	0.48
(33,1908)	1:13:A:ALA:H	1:80:A:TYR:HE2	6	0.48
(33,1893)	1:18:A:PHE:HE1	1:117:A:VAL:HA	6	0.48
(33,1893)	1:18:A:PHE:HE2	1:117:A:VAL:HA	6	0.48
(33,1848)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	9	0.48
(33,1848)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	9	0.48
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	9	0.48
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	9	0.48
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	9	0.48
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	9	0.48
(33,1765)	1:65:A:CYS:HB2	1:69:A:MET:HE1	12	0.48
(33,1765)	1:65:A:CYS:HB2	1:69:A:MET:HE2	12	0.48
(33,1765)	1:65:A:CYS:HB2	1:69:A:MET:HE3	12	0.48
(33,1759)	1:141:A:LYS:HA	1:148:A:CYS:H	4	0.48
(33,1735)	1:105:A:LYS:HG3	1:106:A:ASP:HA	3	0.48
(33,1677)	1:69:A:MET:HG3	1:109:A:PRO:HA	10	0.48
(33,1574)	1:98:A:ILE:HG21	1:116:A:GLN:H	3	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1574)	1:98:A:ILE:HG22	1:116:A:GLN:H	3	0.48
(33,1574)	1:98:A:ILE:HG23	1:116:A:GLN:H	3	0.48
(33,1570)	1:97:A:ASP:H	1:98:A:ILE:HD11	3	0.48
(33,1570)	1:97:A:ASP:H	1:98:A:ILE:HD12	3	0.48
(33,1570)	1:97:A:ASP:H	1:98:A:ILE:HD13	3	0.48
(33,1512)	1:110:A:MET:HE1	1:113:A:PHE:HE1	10	0.48
(33,1512)	1:110:A:MET:HE1	1:113:A:PHE:HE2	10	0.48
(33,1512)	1:110:A:MET:HE2	1:113:A:PHE:HE1	10	0.48
(33,1512)	1:110:A:MET:HE2	1:113:A:PHE:HE2	10	0.48
(33,1512)	1:110:A:MET:HE3	1:113:A:PHE:HE1	10	0.48
(33,1512)	1:110:A:MET:HE3	1:113:A:PHE:HE2	10	0.48
(33,1510)	1:69:A:MET:HE1	1:116:A:GLN:HE21	4	0.48
(33,1510)	1:69:A:MET:HE2	1:116:A:GLN:HE21	4	0.48
(33,1510)	1:69:A:MET:HE3	1:116:A:GLN:HE21	4	0.48
(33,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG21	6	0.48
(33,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG22	6	0.48
(33,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG23	6	0.48
(33,1247)	1:38:A:GLU:HG2	1:139:A:LEU:HD21	3	0.48
(33,1247)	1:38:A:GLU:HG2	1:139:A:LEU:HD22	3	0.48
(33,1247)	1:38:A:GLU:HG2	1:139:A:LEU:HD23	3	0.48
(33,1247)	1:38:A:GLU:HG3	1:139:A:LEU:HD21	3	0.48
(33,1247)	1:38:A:GLU:HG3	1:139:A:LEU:HD22	3	0.48
(33,1247)	1:38:A:GLU:HG3	1:139:A:LEU:HD23	3	0.48
(33,1003)	1:98:A:ILE:HB	1:105:A:LYS:HB2	16	0.48
(33,1003)	1:98:A:ILE:HB	1:105:A:LYS:HB3	16	0.48
(33,922)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	8	0.48
(33,922)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	8	0.48
(33,922)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	15	0.48
(33,922)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	15	0.48
(33,901)	1:73:A:ILE:HB	1:76:A:ARG:HA	5	0.48
(33,796)	1:63:A:ILE:HD11	1:117:A:VAL:HB	7	0.48
(33,796)	1:63:A:ILE:HD12	1:117:A:VAL:HB	7	0.48
(33,796)	1:63:A:ILE:HD13	1:117:A:VAL:HB	7	0.48
(33,770)	1:73:A:ILE:HD11	1:113:A:PHE:HA	8	0.48
(33,770)	1:73:A:ILE:HD12	1:113:A:PHE:HA	8	0.48
(33,770)	1:73:A:ILE:HD13	1:113:A:PHE:HA	8	0.48
(33,748)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	9	0.48
(33,748)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	9	0.48
(33,748)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	9	0.48
(33,648)	1:70:A:LYS:H	1:74:A:PRO:HA	14	0.48
(33,590)	1:28:A:GLY:H	1:29:A:LYS:H	12	0.48
(33,495)	1:105:A:LYS:H	1:105:A:LYS:HG2	3	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,310)	1:64:A:LYS:HD2	1:65:A:CYS:H	19	0.48
(33,310)	1:64:A:LYS:HD3	1:65:A:CYS:H	19	0.48
(33,215)	1:44:A:GLU:HB2	1:48:A:ARG:H	11	0.48
(33,215)	1:44:A:GLU:HB3	1:48:A:ARG:H	11	0.48
(33,121)	1:79:A:THR:HB	1:80:A:TYR:H	9	0.48
(33,16)	1:64:A:LYS:H	1:116:A:GLN:HG2	17	0.48
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD11	11	0.48
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD12	11	0.48
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD13	11	0.48
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD21	11	0.48
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD22	11	0.48
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD23	11	0.48
(32,2289)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	9	0.48
(32,2289)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	9	0.48
(32,2289)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	9	0.48
(32,2289)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	9	0.48
(32,2289)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	9	0.48
(32,2289)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	9	0.48
(32,2289)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	9	0.48
(32,2289)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	9	0.48
(32,2289)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	9	0.48
(32,2289)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	9	0.48
(32,2289)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	9	0.48
(32,2289)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	9	0.48
(32,2138)	1:44:A:GLU:H	1:44:A:GLU:HG2	4	0.48
(32,2138)	1:44:A:GLU:H	1:44:A:GLU:HG3	4	0.48
(32,2117)	1:41:A:LYS:HA	1:44:A:GLU:HG2	11	0.48
(32,2117)	1:41:A:LYS:HA	1:44:A:GLU:HG3	11	0.48
(32,2090)	1:39:A:VAL:HG11	1:43:A:MET:H	7	0.48
(32,2090)	1:39:A:VAL:HG12	1:43:A:MET:H	7	0.48
(32,2090)	1:39:A:VAL:HG13	1:43:A:MET:H	7	0.48
(32,2090)	1:39:A:VAL:HG21	1:43:A:MET:H	7	0.48
(32,2090)	1:39:A:VAL:HG22	1:43:A:MET:H	7	0.48
(32,2090)	1:39:A:VAL:HG23	1:43:A:MET:H	7	0.48
(32,1937)	1:12:A:VAL:HG11	1:43:A:MET:H	6	0.48
(32,1937)	1:12:A:VAL:HG12	1:43:A:MET:H	6	0.48
(32,1937)	1:12:A:VAL:HG13	1:43:A:MET:H	6	0.48
(32,1937)	1:12:A:VAL:HG21	1:43:A:MET:H	6	0.48
(32,1937)	1:12:A:VAL:HG22	1:43:A:MET:H	6	0.48
(32,1937)	1:12:A:VAL:HG23	1:43:A:MET:H	6	0.48
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	11	0.48
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	11	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	11	0.48
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	11	0.48
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	11	0.48
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	11	0.48
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	11	0.48
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	11	0.48
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	11	0.48
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	11	0.48
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	11	0.48
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	11	0.48
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD11	11	0.48
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD12	11	0.48
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD13	11	0.48
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD21	11	0.48
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD22	11	0.48
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD23	11	0.48
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD11	11	0.48
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD12	11	0.48
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD13	11	0.48
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD21	11	0.48
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD22	11	0.48
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD23	11	0.48
(32,1872)	1:13:A:ALA:H	1:80:A:TYR:HE1	6	0.48
(32,1872)	1:13:A:ALA:H	1:80:A:TYR:HE2	6	0.48
(32,1810)	1:79:A:THR:HB	1:80:A:TYR:HE1	16	0.48
(32,1810)	1:79:A:THR:HB	1:80:A:TYR:HE2	16	0.48
(32,1757)	1:71:A:LYS:HE2	1:72:A:PHE:HD1	2	0.48
(32,1757)	1:71:A:LYS:HE2	1:72:A:PHE:HD2	2	0.48
(32,1757)	1:71:A:LYS:HE3	1:72:A:PHE:HD1	2	0.48
(32,1757)	1:71:A:LYS:HE3	1:72:A:PHE:HD2	2	0.48
(32,1695)	1:31:A:PRO:HB2	1:35:A:LEU:HA	1	0.48
(32,1695)	1:31:A:PRO:HB3	1:35:A:LEU:HA	1	0.48
(32,1693)	1:18:A:PHE:HB3	1:132:A:ALA:HA	13	0.48
(32,1693)	1:18:A:PHE:HB2	1:132:A:ALA:HA	13	0.48
(32,1546)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	4	0.48
(32,1546)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	4	0.48
(32,1546)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	4	0.48
(32,1246)	1:45:A:ALA:HA	1:48:A:ARG:HB2	1	0.48
(32,1246)	1:45:A:ALA:HA	1:48:A:ARG:HB3	1	0.48
(32,1177)	1:69:A:MET:HE1	1:110:A:MET:HA	19	0.48
(32,1177)	1:69:A:MET:HE2	1:110:A:MET:HA	19	0.48
(32,1177)	1:69:A:MET:HE3	1:110:A:MET:HA	19	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,876)	1:69:A:MET:HE1	1:73:A:ILE:HB	5	0.48
(32,876)	1:69:A:MET:HE2	1:73:A:ILE:HB	5	0.48
(32,876)	1:69:A:MET:HE3	1:73:A:ILE:HB	5	0.48
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	19	0.48
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	19	0.48
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	19	0.48
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	19	0.48
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	19	0.48
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	19	0.48
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	19	0.48
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	19	0.48
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	19	0.48
(32,767)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	7	0.48
(32,767)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	7	0.48
(32,767)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	7	0.48
(32,767)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	7	0.48
(32,767)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	7	0.48
(32,767)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	7	0.48
(32,732)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	9	0.48
(32,732)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	9	0.48
(32,732)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	9	0.48
(32,607)	1:35:A:LEU:H	1:80:A:TYR:HB2	4	0.48
(32,598)	1:55:A:GLY:H	1:58:A:ILE:HG13	9	0.48
(32,576)	1:28:A:GLY:H	1:29:A:LYS:H	12	0.48
(32,549)	1:116:A:GLN:H	1:116:A:GLN:HE22	18	0.48
(32,425)	1:143:A:TRP:H	1:144:A:LEU:HD11	17	0.48
(32,425)	1:143:A:TRP:H	1:144:A:LEU:HD12	17	0.48
(32,425)	1:143:A:TRP:H	1:144:A:LEU:HD13	17	0.48
(32,120)	1:79:A:THR:HB	1:80:A:TYR:H	9	0.48
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD11	17	0.48
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD12	17	0.48
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD13	17	0.48
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD21	17	0.48
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD22	17	0.48
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD23	17	0.48
(30,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	9	0.48
(30,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	9	0.48
(30,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	9	0.48
(30,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	9	0.48
(30,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	9	0.48
(30,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	9	0.48
(30,1971)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	19	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1971)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	19	0.48
(30,1971)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	19	0.48
(30,1971)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	19	0.48
(30,1971)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	19	0.48
(30,1971)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	19	0.48
(30,1971)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	19	0.48
(30,1971)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	19	0.48
(30,1971)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	19	0.48
(30,1971)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	19	0.48
(30,1971)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	19	0.48
(30,1971)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	19	0.48
(30,1971)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	19	0.48
(30,1971)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	19	0.48
(30,1971)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	19	0.48
(30,1971)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	19	0.48
(30,1971)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	19	0.48
(30,1971)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	19	0.48
(30,1851)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	9	0.48
(30,1851)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	9	0.48
(30,1829)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	2	0.48
(30,1829)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	2	0.48
(30,1588)	1:98:A:ILE:HG21	1:116:A:GLN:H	3	0.48
(30,1588)	1:98:A:ILE:HG22	1:116:A:GLN:H	3	0.48
(30,1588)	1:98:A:ILE:HG23	1:116:A:GLN:H	3	0.48
(30,1539)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	17	0.48
(30,1539)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	17	0.48
(30,1539)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	17	0.48
(30,1539)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	17	0.48
(30,1539)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	17	0.48
(30,1539)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	17	0.48
(30,1518)	1:110:A:MET:HE1	1:113:A:PHE:HE1	10	0.48
(30,1518)	1:110:A:MET:HE1	1:113:A:PHE:HE2	10	0.48
(30,1518)	1:110:A:MET:HE2	1:113:A:PHE:HE1	10	0.48
(30,1518)	1:110:A:MET:HE2	1:113:A:PHE:HE2	10	0.48
(30,1518)	1:110:A:MET:HE3	1:113:A:PHE:HE1	10	0.48
(30,1518)	1:110:A:MET:HE3	1:113:A:PHE:HE2	10	0.48
(30,1272)	1:45:A:ALA:HA	1:48:A:ARG:HB2	1	0.48
(30,1272)	1:45:A:ALA:HA	1:48:A:ARG:HB3	1	0.48
(30,1236)	1:38:A:GLU:HG2	1:139:A:LEU:HD21	3	0.48
(30,1236)	1:38:A:GLU:HG2	1:139:A:LEU:HD22	3	0.48
(30,1236)	1:38:A:GLU:HG2	1:139:A:LEU:HD23	3	0.48
(30,1236)	1:38:A:GLU:HG3	1:139:A:LEU:HD21	3	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1236)	1:38:A:GLU:HG3	1:139:A:LEU:HD22	3	0.48
(30,1236)	1:38:A:GLU:HG3	1:139:A:LEU:HD23	3	0.48
(30,1226)	1:143:A:TRP:H	1:144:A:LEU:HD11	17	0.48
(30,1226)	1:143:A:TRP:H	1:144:A:LEU:HD12	17	0.48
(30,1226)	1:143:A:TRP:H	1:144:A:LEU:HD13	17	0.48
(30,1224)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	16	0.48
(30,1224)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	16	0.48
(30,1224)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	16	0.48
(30,1207)	1:69:A:MET:HE1	1:110:A:MET:HA	19	0.48
(30,1207)	1:69:A:MET:HE2	1:110:A:MET:HA	19	0.48
(30,1207)	1:69:A:MET:HE3	1:110:A:MET:HA	19	0.48
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD21	12	0.48
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD22	12	0.48
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD23	12	0.48
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD21	12	0.48
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD22	12	0.48
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD23	12	0.48
(30,1078)	1:136:A:CYS:HB2	1:141:A:LYS:HA	10	0.48
(30,954)	1:15:A:ALA:HB1	1:43:A:MET:HB2	3	0.48
(30,954)	1:15:A:ALA:HB2	1:43:A:MET:HB2	3	0.48
(30,954)	1:15:A:ALA:HB3	1:43:A:MET:HB2	3	0.48
(30,954)	1:15:A:ALA:HB1	1:43:A:MET:HB2	15	0.48
(30,954)	1:15:A:ALA:HB2	1:43:A:MET:HB2	15	0.48
(30,954)	1:15:A:ALA:HB3	1:43:A:MET:HB2	15	0.48
(30,908)	1:44:A:GLU:HA	1:44:A:GLU:HG2	7	0.48
(30,908)	1:44:A:GLU:HA	1:44:A:GLU:HG2	17	0.48
(30,908)	1:44:A:GLU:HA	1:44:A:GLU:HG2	19	0.48
(30,889)	1:69:A:MET:HE1	1:73:A:ILE:HB	5	0.48
(30,889)	1:69:A:MET:HE2	1:73:A:ILE:HB	5	0.48
(30,889)	1:69:A:MET:HE3	1:73:A:ILE:HB	5	0.48
(30,868)	1:123:A:CYS:HB3	1:128:A:LEU:HD11	18	0.48
(30,868)	1:123:A:CYS:HB3	1:128:A:LEU:HD12	18	0.48
(30,868)	1:123:A:CYS:HB3	1:128:A:LEU:HD13	18	0.48
(30,792)	1:54:A:ARG:HB3	1:58:A:ILE:HD11	13	0.48
(30,792)	1:54:A:ARG:HB3	1:58:A:ILE:HD12	13	0.48
(30,792)	1:54:A:ARG:HB3	1:58:A:ILE:HD13	13	0.48
(30,790)	1:63:A:ILE:HD11	1:117:A:VAL:HB	7	0.48
(30,790)	1:63:A:ILE:HD12	1:117:A:VAL:HB	7	0.48
(30,790)	1:63:A:ILE:HD13	1:117:A:VAL:HB	7	0.48
(30,647)	1:70:A:LYS:H	1:74:A:PRO:HA	14	0.48
(30,613)	1:55:A:GLY:H	1:58:A:ILE:HG13	9	0.48
(30,590)	1:28:A:GLY:H	1:29:A:LYS:H	12	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,581)	1:129:A:LYS:HG2	1:130:A:GLY:H	15	0.48
(30,44)	1:44:A:GLU:HG3	1:47:A:ALA:H	13	0.48
(29,2315)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	3	0.48
(29,2315)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	3	0.48
(29,2315)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	3	0.48
(29,2315)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	3	0.48
(29,2315)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	3	0.48
(29,2315)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	3	0.48
(29,2315)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	3	0.48
(29,2315)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	3	0.48
(29,2315)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	3	0.48
(29,2315)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	3	0.48
(29,2315)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	3	0.48
(29,2315)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	3	0.48
(29,2238)	1:69:A:MET:HG2	1:70:A:LYS:HG2	13	0.48
(29,2238)	1:69:A:MET:HG3	1:70:A:LYS:HG2	13	0.48
(29,2121)	1:39:A:VAL:HG11	1:43:A:MET:H	7	0.48
(29,2121)	1:39:A:VAL:HG12	1:43:A:MET:H	7	0.48
(29,2121)	1:39:A:VAL:HG13	1:43:A:MET:H	7	0.48
(29,2121)	1:39:A:VAL:HG21	1:43:A:MET:H	7	0.48
(29,2121)	1:39:A:VAL:HG22	1:43:A:MET:H	7	0.48
(29,2121)	1:39:A:VAL:HG23	1:43:A:MET:H	7	0.48
(29,2079)	1:34:A:LYS:H	1:81:A:GLU:HB2	9	0.48
(29,2079)	1:34:A:LYS:H	1:81:A:GLU:HB3	9	0.48
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD11	6	0.48
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD12	6	0.48
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD13	6	0.48
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD21	6	0.48
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD22	6	0.48
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD23	6	0.48
(29,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	9	0.48
(29,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	9	0.48
(29,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	9	0.48
(29,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	9	0.48
(29,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	9	0.48
(29,2047)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	9	0.48
(29,1998)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	19	0.48
(29,1998)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	19	0.48
(29,1998)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	19	0.48
(29,1998)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	19	0.48
(29,1998)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	19	0.48
(29,1998)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	19	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1998)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	19	0.48
(29,1998)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	19	0.48
(29,1998)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	19	0.48
(29,1998)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	19	0.48
(29,1998)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	19	0.48
(29,1998)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	19	0.48
(29,1929)	1:13:A:ALA:H	1:80:A:TYR:HE1	6	0.48
(29,1929)	1:13:A:ALA:H	1:80:A:TYR:HE2	6	0.48
(29,1828)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	2	0.48
(29,1828)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	2	0.48
(29,1828)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	2	0.48
(29,1828)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	2	0.48
(29,1828)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	2	0.48
(29,1828)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	2	0.48
(29,1782)	1:141:A:LYS:HA	1:148:A:CYS:H	4	0.48
(29,1681)	1:69:A:MET:HE1	1:116:A:GLN:HE21	4	0.48
(29,1681)	1:69:A:MET:HE2	1:116:A:GLN:HE21	4	0.48
(29,1681)	1:69:A:MET:HE3	1:116:A:GLN:HE21	4	0.48
(29,1599)	1:98:A:ILE:HG21	1:116:A:GLN:H	3	0.48
(29,1599)	1:98:A:ILE:HG22	1:116:A:GLN:H	3	0.48
(29,1599)	1:98:A:ILE:HG23	1:116:A:GLN:H	3	0.48
(29,1555)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	17	0.48
(29,1555)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	17	0.48
(29,1555)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	17	0.48
(29,1555)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	17	0.48
(29,1555)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	17	0.48
(29,1555)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	17	0.48
(29,1532)	1:110:A:MET:HE1	1:113:A:PHE:HE1	10	0.48
(29,1532)	1:110:A:MET:HE1	1:113:A:PHE:HE2	10	0.48
(29,1532)	1:110:A:MET:HE2	1:113:A:PHE:HE1	10	0.48
(29,1532)	1:110:A:MET:HE2	1:113:A:PHE:HE2	10	0.48
(29,1532)	1:110:A:MET:HE3	1:113:A:PHE:HE1	10	0.48
(29,1532)	1:110:A:MET:HE3	1:113:A:PHE:HE2	10	0.48
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE1	6	0.48
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE2	6	0.48
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE3	6	0.48
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE1	17	0.48
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE2	17	0.48
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE3	17	0.48
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE1	12	0.48
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE2	12	0.48
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE3	12	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1288)	1:45:A:ALA:HA	1:48:A:ARG:HB2	1	0.48
(29,1288)	1:45:A:ALA:HA	1:48:A:ARG:HB3	1	0.48
(29,1254)	1:38:A:GLU:HG2	1:139:A:LEU:HD21	3	0.48
(29,1254)	1:38:A:GLU:HG2	1:139:A:LEU:HD22	3	0.48
(29,1254)	1:38:A:GLU:HG2	1:139:A:LEU:HD23	3	0.48
(29,1254)	1:38:A:GLU:HG3	1:139:A:LEU:HD21	3	0.48
(29,1254)	1:38:A:GLU:HG3	1:139:A:LEU:HD22	3	0.48
(29,1254)	1:38:A:GLU:HG3	1:139:A:LEU:HD23	3	0.48
(29,1252)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	3	0.48
(29,1252)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	3	0.48
(29,1252)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	3	0.48
(29,1078)	1:71:A:LYS:HG3	1:72:A:PHE:HA	11	0.48
(29,927)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	12	0.48
(29,927)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	12	0.48
(29,927)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	12	0.48
(29,761)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	9	0.48
(29,761)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	9	0.48
(29,761)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	9	0.48
(29,658)	1:79:A:THR:H	1:80:A:TYR:HD1	13	0.48
(29,658)	1:79:A:THR:H	1:80:A:TYR:HD2	13	0.48
(29,654)	1:70:A:LYS:H	1:74:A:PRO:HA	14	0.48
(29,597)	1:28:A:GLY:H	1:29:A:LYS:H	12	0.48
(29,427)	1:100:A:ALA:H	1:101:A:ILE:HG12	11	0.48
(29,157)	1:138:A:ASP:H	1:140:A:LEU:HB2	4	0.48
(29,127)	1:79:A:THR:HB	1:80:A:TYR:H	9	0.48
(29,37)	1:95:A:ILE:HB	1:96:A:VAL:H	2	0.48
(29,13)	1:64:A:LYS:H	1:116:A:GLN:HG2	17	0.48
(29,12)	1:64:A:LYS:H	1:64:A:LYS:HE2	4	0.48
(29,12)	1:64:A:LYS:H	1:64:A:LYS:HE3	4	0.48
(23,18)	1:119:A:LEU:N	1:115:A:ALA:O	14	0.48
(23,17)	1:118:A:ASP:N	1:114:A:ILE:O	15	0.48
(23,16)	1:117:A:VAL:N	1:113:A:PHE:O	15	0.48
(23,1)	1:17:A:ASN:N	1:13:A:ALA:O	9	0.48
(22,12)	1:59:A:CYS:N	1:55:A:GLY:C	2	0.48
(22,11)	1:59:A:CYS:H	1:55:A:GLY:C	10	0.48
(22,11)	1:59:A:CYS:H	1:55:A:GLY:C	18	0.48
(22,9)	1:58:A:ILE:H	1:54:A:ARG:C	3	0.48
(22,9)	1:58:A:ILE:H	1:54:A:ARG:C	12	0.48
(22,2)	1:17:A:ASN:N	1:13:A:ALA:C	19	0.48
(20,9)	1:56:A:CYS:SG	1:127:A:CYS:SG	5	0.48
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD11	2	0.48
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD12	2	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD13	2	0.48
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD21	2	0.48
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD22	2	0.48
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD23	2	0.48
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD11	2	0.48
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD12	2	0.48
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD13	2	0.48
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD21	2	0.48
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD22	2	0.48
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD23	2	0.48
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD11	2	0.48
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD12	2	0.48
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD13	2	0.48
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD21	2	0.48
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD22	2	0.48
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD23	2	0.48
(18,2277)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	5	0.48
(18,2277)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	5	0.48
(18,2277)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	5	0.48
(18,2277)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	5	0.48
(18,2277)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	5	0.48
(18,2277)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	5	0.48
(18,2241)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	1	0.48
(18,2241)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	1	0.48
(18,2241)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	1	0.48
(18,2241)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	1	0.48
(18,2148)	1:44:A:GLU:H	1:44:A:GLU:HG2	4	0.48
(18,2148)	1:44:A:GLU:H	1:44:A:GLU:HG3	4	0.48
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD11	8	0.48
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD12	8	0.48
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD13	8	0.48
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD21	8	0.48
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD22	8	0.48
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD23	8	0.48
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD11	18	0.48
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD12	18	0.48
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD13	18	0.48
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD21	18	0.48
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD22	18	0.48
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD23	18	0.48
(18,2059)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	18	0.48
(18,2059)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	18	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2059)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	18	0.48
(18,2059)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	18	0.48
(18,2059)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	18	0.48
(18,2059)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	18	0.48
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD11	17	0.48
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD12	17	0.48
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD13	17	0.48
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD21	17	0.48
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD22	17	0.48
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD23	17	0.48
(18,1959)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	7	0.48
(18,1959)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	7	0.48
(18,1959)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	7	0.48
(18,1959)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	7	0.48
(18,1959)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	7	0.48
(18,1959)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	7	0.48
(18,1901)	1:13:A:ALA:H	1:80:A:TYR:HE1	6	0.48
(18,1901)	1:13:A:ALA:H	1:80:A:TYR:HE2	6	0.48
(18,1778)	1:68:A:LYS:HA	1:72:A:PHE:HD1	6	0.48
(18,1778)	1:68:A:LYS:HA	1:72:A:PHE:HD2	6	0.48
(18,1748)	1:66:A:THR:HG21	1:97:A:ASP:HA	13	0.48
(18,1748)	1:66:A:THR:HG22	1:97:A:ASP:HA	13	0.48
(18,1748)	1:66:A:THR:HG23	1:97:A:ASP:HA	13	0.48
(18,1710)	1:19:A:ALA:HB1	1:21:A:THR:HG21	5	0.48
(18,1710)	1:19:A:ALA:HB1	1:21:A:THR:HG22	5	0.48
(18,1710)	1:19:A:ALA:HB1	1:21:A:THR:HG23	5	0.48
(18,1710)	1:19:A:ALA:HB2	1:21:A:THR:HG21	5	0.48
(18,1710)	1:19:A:ALA:HB2	1:21:A:THR:HG22	5	0.48
(18,1710)	1:19:A:ALA:HB2	1:21:A:THR:HG23	5	0.48
(18,1710)	1:19:A:ALA:HB3	1:21:A:THR:HG21	5	0.48
(18,1710)	1:19:A:ALA:HB3	1:21:A:THR:HG22	5	0.48
(18,1710)	1:19:A:ALA:HB3	1:21:A:THR:HG23	5	0.48
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	3	0.48
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	3	0.48
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	3	0.48
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB2	3	0.48
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB3	3	0.48
(18,1644)	1:69:A:MET:HE1	1:116:A:GLN:HE21	4	0.48
(18,1644)	1:69:A:MET:HE2	1:116:A:GLN:HE21	4	0.48
(18,1644)	1:69:A:MET:HE3	1:116:A:GLN:HE21	4	0.48
(18,1571)	1:98:A:ILE:HG21	1:116:A:GLN:H	3	0.48
(18,1571)	1:98:A:ILE:HG22	1:116:A:GLN:H	3	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1571)	1:98:A:ILE:HG23	1:116:A:GLN:H	3	0.48
(18,1532)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	17	0.48
(18,1532)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	17	0.48
(18,1532)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	17	0.48
(18,1532)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	17	0.48
(18,1532)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	17	0.48
(18,1532)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	17	0.48
(18,1424)	1:119:A:LEU:HA	1:121:A:VAL:HG21	6	0.48
(18,1424)	1:119:A:LEU:HA	1:121:A:VAL:HG22	6	0.48
(18,1424)	1:119:A:LEU:HA	1:121:A:VAL:HG23	6	0.48
(18,1247)	1:38:A:GLU:HG2	1:139:A:LEU:HD21	3	0.48
(18,1247)	1:38:A:GLU:HG2	1:139:A:LEU:HD22	3	0.48
(18,1247)	1:38:A:GLU:HG2	1:139:A:LEU:HD23	3	0.48
(18,1247)	1:38:A:GLU:HG3	1:139:A:LEU:HD21	3	0.48
(18,1247)	1:38:A:GLU:HG3	1:139:A:LEU:HD22	3	0.48
(18,1247)	1:38:A:GLU:HG3	1:139:A:LEU:HD23	3	0.48
(18,1010)	1:98:A:ILE:HB	1:105:A:LYS:HB2	16	0.48
(18,1010)	1:98:A:ILE:HB	1:105:A:LYS:HB3	16	0.48
(18,926)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	3	0.48
(18,926)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	3	0.48
(18,926)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	3	0.48
(18,924)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	12	0.48
(18,924)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	12	0.48
(18,924)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	12	0.48
(18,807)	1:63:A:ILE:HD11	1:117:A:VAL:HB	7	0.48
(18,807)	1:63:A:ILE:HD12	1:117:A:VAL:HB	7	0.48
(18,807)	1:63:A:ILE:HD13	1:117:A:VAL:HB	7	0.48
(18,801)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	7	0.48
(18,801)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	7	0.48
(18,801)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	7	0.48
(18,801)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	7	0.48
(18,801)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	7	0.48
(18,801)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	7	0.48
(18,783)	1:101:A:ILE:HD11	1:104:A:PHE:H	10	0.48
(18,783)	1:101:A:ILE:HD12	1:104:A:PHE:H	10	0.48
(18,783)	1:101:A:ILE:HD13	1:104:A:PHE:H	10	0.48
(18,665)	1:79:A:THR:H	1:80:A:TYR:HD1	13	0.48
(18,665)	1:79:A:THR:H	1:80:A:TYR:HD2	13	0.48
(18,661)	1:70:A:LYS:H	1:74:A:PRO:HA	14	0.48
(18,604)	1:28:A:GLY:H	1:29:A:LYS:H	12	0.48
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB2	3	0.48
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB3	3	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,450)	1:143:A:TRP:H	1:144:A:LEU:HD11	17	0.48
(18,450)	1:143:A:TRP:H	1:144:A:LEU:HD12	17	0.48
(18,450)	1:143:A:TRP:H	1:144:A:LEU:HD13	17	0.48
(18,382)	1:40:A:LEU:HB2	1:41:A:LYS:H	3	0.48
(18,223)	1:44:A:GLU:HB2	1:48:A:ARG:H	11	0.48
(18,223)	1:44:A:GLU:HB3	1:48:A:ARG:H	11	0.48
(18,47)	1:98:A:ILE:H	1:104:A:PHE:HB3	6	0.48
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD11	3	0.48
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD12	3	0.48
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD13	3	0.48
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD21	3	0.48
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD22	3	0.48
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD23	3	0.48
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	5	0.48
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	5	0.48
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	5	0.48
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	5	0.48
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	5	0.48
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	5	0.48
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	16	0.48
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	16	0.48
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	16	0.48
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	16	0.48
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	16	0.48
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	16	0.48
(17,2078)	1:34:A:LYS:H	1:81:A:GLU:HB2	9	0.48
(17,2078)	1:34:A:LYS:H	1:81:A:GLU:HB3	9	0.48
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	4	0.48
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	4	0.48
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	4	0.48
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	4	0.48
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	4	0.48
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	4	0.48
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	4	0.48
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	4	0.48
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	4	0.48
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	4	0.48
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	4	0.48
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	4	0.48
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	14	0.48
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	14	0.48
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	14	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	14	0.48
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	14	0.48
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	14	0.48
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	14	0.48
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	14	0.48
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	14	0.48
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	14	0.48
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	14	0.48
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	14	0.48
(17,1926)	1:13:A:ALA:H	1:80:A:TYR:HE1	6	0.48
(17,1926)	1:13:A:ALA:H	1:80:A:TYR:HE2	6	0.48
(17,1843)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	2	0.48
(17,1843)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	2	0.48
(17,1780)	1:66:A:THR:HG21	1:97:A:ASP:HA	13	0.48
(17,1780)	1:66:A:THR:HG22	1:97:A:ASP:HA	13	0.48
(17,1780)	1:66:A:THR:HG23	1:97:A:ASP:HA	13	0.48
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	3	0.48
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	3	0.48
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	3	0.48
(17,1602)	1:98:A:ILE:HG21	1:116:A:GLN:H	3	0.48
(17,1602)	1:98:A:ILE:HG22	1:116:A:GLN:H	3	0.48
(17,1602)	1:98:A:ILE:HG23	1:116:A:GLN:H	3	0.48
(17,1573)	1:39:A:VAL:H	1:139:A:LEU:HD11	12	0.48
(17,1573)	1:39:A:VAL:H	1:139:A:LEU:HD12	12	0.48
(17,1573)	1:39:A:VAL:H	1:139:A:LEU:HD13	12	0.48
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD21	10	0.48
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD22	10	0.48
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD23	10	0.48
(17,1288)	1:45:A:ALA:HA	1:48:A:ARG:HB2	1	0.48
(17,1288)	1:45:A:ALA:HA	1:48:A:ARG:HB3	1	0.48
(17,1104)	1:141:A:LYS:HA	1:148:A:CYS:HB2	12	0.48
(17,1092)	1:45:A:ALA:HA	1:48:A:ARG:HG2	11	0.48
(17,1092)	1:45:A:ALA:HA	1:48:A:ARG:HG3	11	0.48
(17,1045)	1:11:A:ILE:HB	1:44:A:GLU:HB2	8	0.48
(17,1045)	1:11:A:ILE:HB	1:44:A:GLU:HB3	8	0.48
(17,1004)	1:98:A:ILE:HB	1:105:A:LYS:HB2	16	0.48
(17,1004)	1:98:A:ILE:HB	1:105:A:LYS:HB3	16	0.48
(17,977)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	1	0.48
(17,977)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	1	0.48
(17,977)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	1	0.48
(17,924)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	12	0.48
(17,924)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	12	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,924)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	12	0.48
(17,919)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	8	0.48
(17,919)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	8	0.48
(17,919)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	15	0.48
(17,919)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	15	0.48
(17,917)	1:44:A:GLU:HA	1:44:A:GLU:HG2	7	0.48
(17,917)	1:44:A:GLU:HA	1:44:A:GLU:HG2	17	0.48
(17,917)	1:44:A:GLU:HA	1:44:A:GLU:HG2	19	0.48
(17,721)	1:54:A:ARG:HE	1:58:A:ILE:HD11	5	0.48
(17,721)	1:54:A:ARG:HE	1:58:A:ILE:HD12	5	0.48
(17,721)	1:54:A:ARG:HE	1:58:A:ILE:HD13	5	0.48
(17,708)	1:23:A:LEU:HB2	1:27:A:ARG:HE	17	0.48
(17,708)	1:23:A:LEU:HB3	1:27:A:ARG:HE	17	0.48
(17,698)	1:98:A:ILE:H	1:104:A:PHE:H	5	0.48
(17,654)	1:79:A:THR:H	1:80:A:TYR:HD1	13	0.48
(17,654)	1:79:A:THR:H	1:80:A:TYR:HD2	13	0.48
(17,650)	1:70:A:LYS:H	1:74:A:PRO:HA	14	0.48
(17,588)	1:28:A:GLY:H	1:29:A:LYS:H	12	0.48
(17,466)	1:14:A:VAL:H	1:61:A:SER:HA	6	0.48
(17,308)	1:64:A:LYS:HD2	1:65:A:CYS:H	19	0.48
(17,308)	1:64:A:LYS:HD3	1:65:A:CYS:H	19	0.48
(17,214)	1:44:A:GLU:HB2	1:48:A:ARG:H	11	0.48
(17,214)	1:44:A:GLU:HB3	1:48:A:ARG:H	11	0.48
(17,123)	1:79:A:THR:HB	1:80:A:TYR:H	9	0.48
(17,12)	1:64:A:LYS:H	1:116:A:GLN:HG2	17	0.48
(16,2491)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	8	0.48
(16,2491)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	8	0.48
(16,2491)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	8	0.48
(16,2491)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	8	0.48
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG11	12	0.48
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG12	12	0.48
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG13	12	0.48
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG21	12	0.48
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG22	12	0.48
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG23	12	0.48
(16,2228)	1:66:A:THR:H	1:96:A:VAL:HG11	2	0.48
(16,2228)	1:66:A:THR:H	1:96:A:VAL:HG12	2	0.48
(16,2228)	1:66:A:THR:H	1:96:A:VAL:HG13	2	0.48
(16,2228)	1:66:A:THR:H	1:96:A:VAL:HG21	2	0.48
(16,2228)	1:66:A:THR:H	1:96:A:VAL:HG22	2	0.48
(16,2228)	1:66:A:THR:H	1:96:A:VAL:HG23	2	0.48
(16,2092)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	2	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2092)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	2	0.48
(16,2092)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	2	0.48
(16,2092)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	2	0.48
(16,2092)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	2	0.48
(16,2092)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	2	0.48
(16,1960)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	14	0.48
(16,1960)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	14	0.48
(16,1960)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	14	0.48
(16,1960)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	14	0.48
(16,1960)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	14	0.48
(16,1960)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	14	0.48
(16,1960)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	14	0.48
(16,1960)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	14	0.48
(16,1960)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	14	0.48
(16,1960)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	14	0.48
(16,1960)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	14	0.48
(16,1960)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	14	0.48
(16,1960)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	14	0.48
(16,1960)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	14	0.48
(16,1960)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	14	0.48
(16,1960)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	14	0.48
(16,1960)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	14	0.48
(16,1960)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	14	0.48
(16,1920)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	13	0.48
(16,1920)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	13	0.48
(16,1896)	1:13:A:ALA:H	1:80:A:TYR:HE1	6	0.48
(16,1896)	1:13:A:ALA:H	1:80:A:TYR:HE2	6	0.48
(16,1838)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	9	0.48
(16,1838)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	9	0.48
(16,1808)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	7	0.48
(16,1808)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	7	0.48
(16,1782)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	3	0.48
(16,1782)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	3	0.48
(16,1782)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	3	0.48
(16,1782)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	3	0.48
(16,1729)	1:98:A:ILE:HG21	1:102:A:PRO:HD3	19	0.48
(16,1729)	1:98:A:ILE:HG22	1:102:A:PRO:HD3	19	0.48
(16,1729)	1:98:A:ILE:HG23	1:102:A:PRO:HD3	19	0.48
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB2	3	0.48
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB3	3	0.48
(16,1638)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	14	0.48
(16,1638)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	14	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1638)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	14	0.48
(16,1638)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	14	0.48
(16,1638)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	14	0.48
(16,1638)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	14	0.48
(16,1638)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	14	0.48
(16,1638)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	14	0.48
(16,1638)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	14	0.48
(16,1572)	1:98:A:ILE:HG21	1:116:A:GLN:H	3	0.48
(16,1572)	1:98:A:ILE:HG22	1:116:A:GLN:H	3	0.48
(16,1572)	1:98:A:ILE:HG23	1:116:A:GLN:H	3	0.48
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE1	12	0.48
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE2	12	0.48
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE3	12	0.48
(16,1432)	1:119:A:LEU:HA	1:121:A:VAL:HG21	6	0.48
(16,1432)	1:119:A:LEU:HA	1:121:A:VAL:HG22	6	0.48
(16,1432)	1:119:A:LEU:HA	1:121:A:VAL:HG23	6	0.48
(16,1420)	1:73:A:ILE:HG21	1:110:A:MET:HG2	4	0.48
(16,1420)	1:73:A:ILE:HG21	1:110:A:MET:HG3	4	0.48
(16,1420)	1:73:A:ILE:HG22	1:110:A:MET:HG2	4	0.48
(16,1420)	1:73:A:ILE:HG22	1:110:A:MET:HG3	4	0.48
(16,1420)	1:73:A:ILE:HG23	1:110:A:MET:HG2	4	0.48
(16,1420)	1:73:A:ILE:HG23	1:110:A:MET:HG3	4	0.48
(16,1420)	1:73:A:ILE:HG21	1:110:A:MET:HG2	11	0.48
(16,1420)	1:73:A:ILE:HG21	1:110:A:MET:HG3	11	0.48
(16,1420)	1:73:A:ILE:HG22	1:110:A:MET:HG2	11	0.48
(16,1420)	1:73:A:ILE:HG22	1:110:A:MET:HG3	11	0.48
(16,1420)	1:73:A:ILE:HG23	1:110:A:MET:HG2	11	0.48
(16,1420)	1:73:A:ILE:HG23	1:110:A:MET:HG3	11	0.48
(16,1244)	1:38:A:GLU:HG2	1:139:A:LEU:HD21	3	0.48
(16,1244)	1:38:A:GLU:HG2	1:139:A:LEU:HD22	3	0.48
(16,1244)	1:38:A:GLU:HG2	1:139:A:LEU:HD23	3	0.48
(16,1244)	1:38:A:GLU:HG3	1:139:A:LEU:HD21	3	0.48
(16,1244)	1:38:A:GLU:HG3	1:139:A:LEU:HD22	3	0.48
(16,1244)	1:38:A:GLU:HG3	1:139:A:LEU:HD23	3	0.48
(16,1121)	1:146:A:GLN:HA	1:147:A:ARG:HG2	18	0.48
(16,1121)	1:146:A:GLN:HA	1:147:A:ARG:HG3	18	0.48
(16,803)	1:63:A:ILE:HD11	1:117:A:VAL:HB	7	0.48
(16,803)	1:63:A:ILE:HD12	1:117:A:VAL:HB	7	0.48
(16,803)	1:63:A:ILE:HD13	1:117:A:VAL:HB	7	0.48
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	4	0.48
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	4	0.48
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	4	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	4	0.48
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	4	0.48
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	4	0.48
(16,758)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	9	0.48
(16,758)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	9	0.48
(16,758)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	9	0.48
(16,735)	1:73:A:ILE:HG21	1:76:A:ARG:HE	14	0.48
(16,735)	1:73:A:ILE:HG22	1:76:A:ARG:HE	14	0.48
(16,735)	1:73:A:ILE:HG23	1:76:A:ARG:HE	14	0.48
(16,726)	1:54:A:ARG:HE	1:58:A:ILE:HD11	5	0.48
(16,726)	1:54:A:ARG:HE	1:58:A:ILE:HD12	5	0.48
(16,726)	1:54:A:ARG:HE	1:58:A:ILE:HD13	5	0.48
(16,652)	1:70:A:LYS:H	1:74:A:PRO:HA	14	0.48
(16,597)	1:28:A:GLY:H	1:29:A:LYS:H	12	0.48
(16,160)	1:50:A:ALA:HB1	1:127:A:CYS:H	13	0.48
(16,160)	1:50:A:ALA:HB2	1:127:A:CYS:H	13	0.48
(16,160)	1:50:A:ALA:HB3	1:127:A:CYS:H	13	0.48
(16,43)	1:98:A:ILE:H	1:104:A:PHE:HB2	6	0.48
(16,43)	1:98:A:ILE:H	1:104:A:PHE:HB3	6	0.48
(16,35)	1:95:A:ILE:HB	1:96:A:VAL:H	2	0.48
(16,9)	1:63:A:ILE:HG13	1:64:A:LYS:H	14	0.48
(15,2444)	1:139:A:LEU:H	1:140:A:LEU:HD11	4	0.48
(15,2444)	1:139:A:LEU:H	1:140:A:LEU:HD12	4	0.48
(15,2444)	1:139:A:LEU:H	1:140:A:LEU:HD13	4	0.48
(15,2444)	1:139:A:LEU:H	1:140:A:LEU:HD21	4	0.48
(15,2444)	1:139:A:LEU:H	1:140:A:LEU:HD22	4	0.48
(15,2444)	1:139:A:LEU:H	1:140:A:LEU:HD23	4	0.48
(15,2410)	1:129:A:LYS:HG2	1:130:A:GLY:H	1	0.48
(15,2410)	1:129:A:LYS:HG3	1:130:A:GLY:H	1	0.48
(15,2340)	1:110:A:MET:HG2	1:114:A:ILE:HG12	13	0.48
(15,2340)	1:110:A:MET:HG2	1:114:A:ILE:HG13	13	0.48
(15,2340)	1:110:A:MET:HG3	1:114:A:ILE:HG12	13	0.48
(15,2340)	1:110:A:MET:HG3	1:114:A:ILE:HG13	13	0.48
(15,2082)	1:39:A:VAL:HG11	1:43:A:MET:H	7	0.48
(15,2082)	1:39:A:VAL:HG12	1:43:A:MET:H	7	0.48
(15,2082)	1:39:A:VAL:HG13	1:43:A:MET:H	7	0.48
(15,2082)	1:39:A:VAL:HG21	1:43:A:MET:H	7	0.48
(15,2082)	1:39:A:VAL:HG22	1:43:A:MET:H	7	0.48
(15,2082)	1:39:A:VAL:HG23	1:43:A:MET:H	7	0.48
(15,1962)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	19	0.48
(15,1962)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	19	0.48
(15,1962)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	19	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1962)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	19	0.48
(15,1962)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	19	0.48
(15,1962)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	19	0.48
(15,1896)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	13	0.48
(15,1896)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	13	0.48
(15,1896)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	13	0.48
(15,1888)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	6	0.48
(15,1888)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	6	0.48
(15,1888)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	6	0.48
(15,1888)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	6	0.48
(15,1888)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	6	0.48
(15,1888)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	6	0.48
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	6	0.48
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	6	0.48
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	6	0.48
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	6	0.48
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	6	0.48
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	6	0.48
(15,1859)	1:14:A:VAL:HA	1:18:A:PHE:HD1	8	0.48
(15,1859)	1:14:A:VAL:HA	1:18:A:PHE:HD2	8	0.48
(15,1727)	1:105:A:LYS:HG3	1:106:A:ASP:HA	3	0.48
(15,1543)	1:118:A:ASP:HB3	1:119:A:LEU:HD21	15	0.48
(15,1543)	1:118:A:ASP:HB3	1:119:A:LEU:HD22	15	0.48
(15,1543)	1:118:A:ASP:HB3	1:119:A:LEU:HD23	15	0.48
(15,1533)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	17	0.48
(15,1533)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	17	0.48
(15,1533)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	17	0.48
(15,1533)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	17	0.48
(15,1533)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	17	0.48
(15,1533)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	17	0.48
(15,1277)	1:45:A:ALA:HA	1:48:A:ARG:HB2	1	0.48
(15,1277)	1:45:A:ALA:HA	1:48:A:ARG:HB3	1	0.48
(15,1240)	1:38:A:GLU:HG2	1:139:A:LEU:HD21	3	0.48
(15,1240)	1:38:A:GLU:HG2	1:139:A:LEU:HD22	3	0.48
(15,1240)	1:38:A:GLU:HG2	1:139:A:LEU:HD23	3	0.48
(15,1240)	1:38:A:GLU:HG3	1:139:A:LEU:HD21	3	0.48
(15,1240)	1:38:A:GLU:HG3	1:139:A:LEU:HD22	3	0.48
(15,1240)	1:38:A:GLU:HG3	1:139:A:LEU:HD23	3	0.48
(15,1097)	1:141:A:LYS:HA	1:148:A:CYS:HB2	12	0.48
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD11	6	0.48
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD12	6	0.48
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD13	6	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1030)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	11	0.48
(15,920)	1:125:A:THR:HB	1:128:A:LEU:HG	13	0.48
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	19	0.48
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	19	0.48
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	19	0.48
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	19	0.48
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	19	0.48
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	19	0.48
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	19	0.48
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	19	0.48
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	19	0.48
(15,820)	1:98:A:ILE:HD11	1:101:A:ILE:HB	12	0.48
(15,820)	1:98:A:ILE:HD12	1:101:A:ILE:HB	12	0.48
(15,820)	1:98:A:ILE:HD13	1:101:A:ILE:HB	12	0.48
(15,801)	1:11:A:ILE:HD11	1:14:A:VAL:HB	4	0.48
(15,801)	1:11:A:ILE:HD12	1:14:A:VAL:HB	4	0.48
(15,801)	1:11:A:ILE:HD13	1:14:A:VAL:HB	4	0.48
(15,800)	1:63:A:ILE:HD11	1:117:A:VAL:HB	7	0.48
(15,800)	1:63:A:ILE:HD12	1:117:A:VAL:HB	7	0.48
(15,800)	1:63:A:ILE:HD13	1:117:A:VAL:HB	7	0.48
(15,763)	1:37:A:LEU:H	1:40:A:LEU:HB2	3	0.48
(15,750)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	9	0.48
(15,750)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	9	0.48
(15,750)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	9	0.48
(15,720)	1:54:A:ARG:HE	1:58:A:ILE:HD11	5	0.48
(15,720)	1:54:A:ARG:HE	1:58:A:ILE:HD12	5	0.48
(15,720)	1:54:A:ARG:HE	1:58:A:ILE:HD13	5	0.48
(15,717)	1:45:A:ALA:H	1:48:A:ARG:HE	5	0.48
(15,708)	1:23:A:LEU:HB2	1:27:A:ARG:HE	17	0.48
(15,708)	1:23:A:LEU:HB3	1:27:A:ARG:HE	17	0.48
(15,675)	1:63:A:ILE:HG12	1:117:A:VAL:H	1	0.48
(15,655)	1:70:A:LYS:H	1:74:A:PRO:HA	14	0.48
(15,597)	1:28:A:GLY:H	1:29:A:LYS:H	12	0.48
(15,313)	1:64:A:LYS:HD2	1:65:A:CYS:H	19	0.48
(15,313)	1:64:A:LYS:HD3	1:65:A:CYS:H	19	0.48
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB1	1	0.48
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB2	1	0.48
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB3	1	0.48
(13,2468)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	8	0.48
(13,2468)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	8	0.48
(13,2468)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	8	0.48
(13,2468)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	8	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG11	4	0.48
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG12	4	0.48
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG13	4	0.48
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG21	4	0.48
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG22	4	0.48
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG23	4	0.48
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG11	4	0.48
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG12	4	0.48
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG13	4	0.48
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG21	4	0.48
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG22	4	0.48
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG23	4	0.48
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG11	4	0.48
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG12	4	0.48
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG13	4	0.48
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG21	4	0.48
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG22	4	0.48
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG23	4	0.48
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG11	4	0.48
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG12	4	0.48
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG13	4	0.48
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG21	4	0.48
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG22	4	0.48
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG23	4	0.48
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG11	4	0.48
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG12	4	0.48
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG13	4	0.48
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG21	4	0.48
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG22	4	0.48
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG23	4	0.48
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG11	4	0.48
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG12	4	0.48
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG13	4	0.48
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG21	4	0.48
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG22	4	0.48
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG23	4	0.48
(13,2084)	1:41:A:LYS:HA	1:44:A:GLU:HG2	11	0.48
(13,2084)	1:41:A:LYS:HA	1:44:A:GLU:HG3	11	0.48
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD11	18	0.48
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD12	18	0.48
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD13	18	0.48
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD21	18	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD22	18	0.48
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD23	18	0.48
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD11	17	0.48
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD12	17	0.48
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD13	17	0.48
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD21	17	0.48
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD22	17	0.48
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD23	17	0.48
(13,1921)	1:11:A:ILE:HD11	1:46:A:ASN:HD21	7	0.48
(13,1921)	1:11:A:ILE:HD11	1:46:A:ASN:HD22	7	0.48
(13,1921)	1:11:A:ILE:HD12	1:46:A:ASN:HD21	7	0.48
(13,1921)	1:11:A:ILE:HD12	1:46:A:ASN:HD22	7	0.48
(13,1921)	1:11:A:ILE:HD13	1:46:A:ASN:HD21	7	0.48
(13,1921)	1:11:A:ILE:HD13	1:46:A:ASN:HD22	7	0.48
(13,1891)	1:9:A:PHE:HE1	1:54:A:ARG:HB2	18	0.48
(13,1891)	1:9:A:PHE:HE1	1:54:A:ARG:HB3	18	0.48
(13,1891)	1:9:A:PHE:HE2	1:54:A:ARG:HB2	18	0.48
(13,1891)	1:9:A:PHE:HE2	1:54:A:ARG:HB3	18	0.48
(13,1749)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	12	0.48
(13,1749)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	12	0.48
(13,1749)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	12	0.48
(13,1749)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	12	0.48
(13,1523)	1:118:A:ASP:HB3	1:119:A:LEU:HD21	15	0.48
(13,1523)	1:118:A:ASP:HB3	1:119:A:LEU:HD22	15	0.48
(13,1523)	1:118:A:ASP:HB3	1:119:A:LEU:HD23	15	0.48
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	12	0.48
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	12	0.48
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	12	0.48
(13,1250)	1:45:A:ALA:HA	1:48:A:ARG:HB2	1	0.48
(13,1250)	1:45:A:ALA:HA	1:48:A:ARG:HB3	1	0.48
(13,1202)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	16	0.48
(13,1202)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	16	0.48
(13,1202)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	16	0.48
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB1	17	0.48
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB2	17	0.48
(13,1113)	1:138:A:ASP:HA	1:149:A:ALA:HB3	17	0.48
(13,1046)	1:71:A:LYS:HG3	1:72:A:PHE:HA	16	0.48
(13,1022)	1:11:A:ILE:HB	1:44:A:GLU:HB2	8	0.48
(13,1022)	1:11:A:ILE:HB	1:44:A:GLU:HB3	8	0.48
(13,1002)	1:34:A:LYS:H	1:81:A:GLU:HB3	15	0.48
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	4	0.48
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	4	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	4	0.48
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	4	0.48
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	4	0.48
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	4	0.48
(13,773)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	7	0.48
(13,773)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	7	0.48
(13,773)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	7	0.48
(13,773)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	7	0.48
(13,773)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	7	0.48
(13,773)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	7	0.48
(13,732)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	9	0.48
(13,732)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	9	0.48
(13,732)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	9	0.48
(13,703)	1:54:A:ARG:HE	1:58:A:ILE:HD11	5	0.48
(13,703)	1:54:A:ARG:HE	1:58:A:ILE:HD12	5	0.48
(13,703)	1:54:A:ARG:HE	1:58:A:ILE:HD13	5	0.48
(13,692)	1:23:A:LEU:HB2	1:27:A:ARG:HE	17	0.48
(13,692)	1:23:A:LEU:HB3	1:27:A:ARG:HE	17	0.48
(13,608)	1:55:A:GLY:H	1:58:A:ILE:HG13	9	0.48
(13,584)	1:28:A:GLY:H	1:29:A:LYS:H	12	0.48
(13,417)	1:100:A:ALA:H	1:119:A:LEU:HB3	11	0.48
(13,149)	1:138:A:ASP:H	1:140:A:LEU:HB2	4	0.48
(13,121)	1:79:A:THR:HB	1:80:A:TYR:H	9	0.48
(13,89)	1:96:A:VAL:H	1:97:A:ASP:H	15	0.48
(13,51)	1:47:A:ALA:H	1:134:A:VAL:HG21	16	0.48
(13,51)	1:47:A:ALA:H	1:134:A:VAL:HG22	16	0.48
(13,51)	1:47:A:ALA:H	1:134:A:VAL:HG23	16	0.48
(11,2303)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	9	0.48
(11,2303)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	9	0.48
(11,2303)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	9	0.48
(11,2303)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	9	0.48
(11,2303)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	9	0.48
(11,2303)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	9	0.48
(11,2303)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	9	0.48
(11,2303)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	9	0.48
(11,2303)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	9	0.48
(11,2303)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	9	0.48
(11,2303)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	9	0.48
(11,2303)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	9	0.48
(11,2218)	1:60:A:LEU:HD11	1:61:A:SER:HB2	13	0.48
(11,2218)	1:60:A:LEU:HD11	1:61:A:SER:HB3	13	0.48
(11,2218)	1:60:A:LEU:HD12	1:61:A:SER:HB2	13	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2218)	1:60:A:LEU:HD12	1:61:A:SER:HB3	13	0.48
(11,2218)	1:60:A:LEU:HD13	1:61:A:SER:HB2	13	0.48
(11,2218)	1:60:A:LEU:HD13	1:61:A:SER:HB3	13	0.48
(11,2122)	1:39:A:VAL:HG11	1:43:A:MET:H	7	0.48
(11,2122)	1:39:A:VAL:HG12	1:43:A:MET:H	7	0.48
(11,2122)	1:39:A:VAL:HG13	1:43:A:MET:H	7	0.48
(11,2122)	1:39:A:VAL:HG21	1:43:A:MET:H	7	0.48
(11,2122)	1:39:A:VAL:HG22	1:43:A:MET:H	7	0.48
(11,2122)	1:39:A:VAL:HG23	1:43:A:MET:H	7	0.48
(11,2096)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	2	0.48
(11,2096)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	2	0.48
(11,2096)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	2	0.48
(11,2096)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	2	0.48
(11,2096)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	2	0.48
(11,2096)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	2	0.48
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD11	8	0.48
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD12	8	0.48
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD13	8	0.48
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD21	8	0.48
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD22	8	0.48
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD23	8	0.48
(11,1923)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	8	0.48
(11,1923)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	8	0.48
(11,1921)	1:150:A:THR:H	1:151:A:PHE:HD1	18	0.48
(11,1921)	1:150:A:THR:H	1:151:A:PHE:HD2	18	0.48
(11,1915)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	14	0.48
(11,1915)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	14	0.48
(11,1915)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	14	0.48
(11,1915)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	14	0.48
(11,1915)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	14	0.48
(11,1915)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	14	0.48
(11,1873)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	9	0.48
(11,1873)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	9	0.48
(11,1855)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	2	0.48
(11,1855)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	2	0.48
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	11	0.48
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	11	0.48
(11,1783)	1:36:A:PRO:HA	1:37:A:LEU:HD21	14	0.48
(11,1783)	1:36:A:PRO:HA	1:37:A:LEU:HD22	14	0.48
(11,1783)	1:36:A:PRO:HA	1:37:A:LEU:HD23	14	0.48
(11,1687)	1:134:A:VAL:HG21	1:137:A:SER:H	17	0.48
(11,1687)	1:134:A:VAL:HG22	1:137:A:SER:H	17	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1687)	1:134:A:VAL:HG23	1:137:A:SER:H	17	0.48
(11,1615)	1:98:A:ILE:HG21	1:116:A:GLN:H	3	0.48
(11,1615)	1:98:A:ILE:HG22	1:116:A:GLN:H	3	0.48
(11,1615)	1:98:A:ILE:HG23	1:116:A:GLN:H	3	0.48
(11,1562)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	17	0.48
(11,1562)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	17	0.48
(11,1562)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	17	0.48
(11,1562)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	17	0.48
(11,1562)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	17	0.48
(11,1562)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	17	0.48
(11,1541)	1:110:A:MET:HE1	1:113:A:PHE:HE1	10	0.48
(11,1541)	1:110:A:MET:HE1	1:113:A:PHE:HE2	10	0.48
(11,1541)	1:110:A:MET:HE2	1:113:A:PHE:HE1	10	0.48
(11,1541)	1:110:A:MET:HE2	1:113:A:PHE:HE2	10	0.48
(11,1541)	1:110:A:MET:HE3	1:113:A:PHE:HE1	10	0.48
(11,1541)	1:110:A:MET:HE3	1:113:A:PHE:HE2	10	0.48
(11,1450)	1:119:A:LEU:HA	1:121:A:VAL:HG21	6	0.48
(11,1450)	1:119:A:LEU:HA	1:121:A:VAL:HG22	6	0.48
(11,1450)	1:119:A:LEU:HA	1:121:A:VAL:HG23	6	0.48
(11,1295)	1:45:A:ALA:HA	1:48:A:ARG:HB2	1	0.48
(11,1295)	1:45:A:ALA:HA	1:48:A:ARG:HB3	1	0.48
(11,1258)	1:38:A:GLU:HG2	1:139:A:LEU:HD21	3	0.48
(11,1258)	1:38:A:GLU:HG2	1:139:A:LEU:HD22	3	0.48
(11,1258)	1:38:A:GLU:HG2	1:139:A:LEU:HD23	3	0.48
(11,1258)	1:38:A:GLU:HG3	1:139:A:LEU:HD21	3	0.48
(11,1258)	1:38:A:GLU:HG3	1:139:A:LEU:HD22	3	0.48
(11,1258)	1:38:A:GLU:HG3	1:139:A:LEU:HD23	3	0.48
(11,1245)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	16	0.48
(11,1245)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	16	0.48
(11,1245)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	16	0.48
(11,1228)	1:69:A:MET:HE1	1:110:A:MET:HA	19	0.48
(11,1228)	1:69:A:MET:HE2	1:110:A:MET:HA	19	0.48
(11,1228)	1:69:A:MET:HE3	1:110:A:MET:HA	19	0.48
(11,898)	1:69:A:MET:HE1	1:73:A:ILE:HB	5	0.48
(11,898)	1:69:A:MET:HE2	1:73:A:ILE:HB	5	0.48
(11,898)	1:69:A:MET:HE3	1:73:A:ILE:HB	5	0.48
(11,863)	1:8:A:ASP:HB3	1:9:A:PHE:HD1	7	0.48
(11,863)	1:8:A:ASP:HB3	1:9:A:PHE:HD2	7	0.48
(11,817)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	8	0.48
(11,817)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	8	0.48
(11,817)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	8	0.48
(11,795)	1:11:A:ILE:HD11	1:14:A:VAL:HB	4	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,795)	1:11:A:ILE:HD12	1:14:A:VAL:HB	4	0.48
(11,795)	1:11:A:ILE:HD13	1:14:A:VAL:HB	4	0.48
(11,747)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	9	0.48
(11,747)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	9	0.48
(11,747)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	9	0.48
(11,725)	1:73:A:ILE:HG21	1:76:A:ARG:HE	14	0.48
(11,725)	1:73:A:ILE:HG22	1:76:A:ARG:HE	14	0.48
(11,725)	1:73:A:ILE:HG23	1:76:A:ARG:HE	14	0.48
(11,720)	1:54:A:ARG:HE	1:58:A:ILE:HD11	5	0.48
(11,720)	1:54:A:ARG:HE	1:58:A:ILE:HD12	5	0.48
(11,720)	1:54:A:ARG:HE	1:58:A:ILE:HD13	5	0.48
(11,707)	1:23:A:LEU:HB2	1:27:A:ARG:HE	17	0.48
(11,707)	1:23:A:LEU:HB3	1:27:A:ARG:HE	17	0.48
(11,650)	1:70:A:LYS:H	1:74:A:PRO:HA	14	0.48
(11,498)	1:105:A:LYS:H	1:105:A:LYS:HD2	4	0.48
(11,498)	1:105:A:LYS:H	1:105:A:LYS:HD3	4	0.48
(11,13)	1:64:A:LYS:H	1:116:A:GLN:HG2	17	0.48
(9,2326)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	4	0.48
(9,2326)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	4	0.48
(9,2326)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	4	0.48
(9,2326)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	4	0.48
(9,2326)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	4	0.48
(9,2326)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	4	0.48
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD11	5	0.48
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD12	5	0.48
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD13	5	0.48
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD21	5	0.48
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD22	5	0.48
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD23	5	0.48
(9,1939)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	17	0.48
(9,1939)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	17	0.48
(9,1939)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	17	0.48
(9,1939)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	17	0.48
(9,1907)	1:13:A:ALA:H	1:80:A:TYR:HE1	6	0.48
(9,1907)	1:13:A:ALA:H	1:80:A:TYR:HE2	6	0.48
(9,1857)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	17	0.48
(9,1857)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	17	0.48
(9,1819)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	2	0.48
(9,1819)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	2	0.48
(9,1758)	1:66:A:THR:HG21	1:97:A:ASP:HA	13	0.48
(9,1758)	1:66:A:THR:HG22	1:97:A:ASP:HA	13	0.48
(9,1758)	1:66:A:THR:HG23	1:97:A:ASP:HA	13	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1754)	1:141:A:LYS:HA	1:148:A:CYS:H	4	0.48
(9,1581)	1:98:A:ILE:HG21	1:116:A:GLN:H	3	0.48
(9,1581)	1:98:A:ILE:HG22	1:116:A:GLN:H	3	0.48
(9,1581)	1:98:A:ILE:HG23	1:116:A:GLN:H	3	0.48
(9,1538)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	17	0.48
(9,1538)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	17	0.48
(9,1538)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	17	0.48
(9,1538)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	17	0.48
(9,1538)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	17	0.48
(9,1538)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	17	0.48
(9,1517)	1:110:A:MET:HE1	1:113:A:PHE:HE1	10	0.48
(9,1517)	1:110:A:MET:HE1	1:113:A:PHE:HE2	10	0.48
(9,1517)	1:110:A:MET:HE2	1:113:A:PHE:HE1	10	0.48
(9,1517)	1:110:A:MET:HE2	1:113:A:PHE:HE2	10	0.48
(9,1517)	1:110:A:MET:HE3	1:113:A:PHE:HE1	10	0.48
(9,1517)	1:110:A:MET:HE3	1:113:A:PHE:HE2	10	0.48
(9,1426)	1:119:A:LEU:HA	1:121:A:VAL:HG21	6	0.48
(9,1426)	1:119:A:LEU:HA	1:121:A:VAL:HG22	6	0.48
(9,1426)	1:119:A:LEU:HA	1:121:A:VAL:HG23	6	0.48
(9,1276)	1:45:A:ALA:HA	1:48:A:ARG:HB2	1	0.48
(9,1276)	1:45:A:ALA:HA	1:48:A:ARG:HB3	1	0.48
(9,1241)	1:38:A:GLU:HG2	1:139:A:LEU:HD21	3	0.48
(9,1241)	1:38:A:GLU:HG2	1:139:A:LEU:HD22	3	0.48
(9,1241)	1:38:A:GLU:HG2	1:139:A:LEU:HD23	3	0.48
(9,1241)	1:38:A:GLU:HG3	1:139:A:LEU:HD21	3	0.48
(9,1241)	1:38:A:GLU:HG3	1:139:A:LEU:HD22	3	0.48
(9,1241)	1:38:A:GLU:HG3	1:139:A:LEU:HD23	3	0.48
(9,1216)	1:69:A:MET:HE1	1:110:A:MET:HA	19	0.48
(9,1216)	1:69:A:MET:HE2	1:110:A:MET:HA	19	0.48
(9,1216)	1:69:A:MET:HE3	1:110:A:MET:HA	19	0.48
(9,942)	1:69:A:MET:HG2	1:109:A:PRO:HA	18	0.48
(9,937)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	9	0.48
(9,911)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	8	0.48
(9,911)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	8	0.48
(9,911)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	15	0.48
(9,911)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	15	0.48
(9,845)	1:60:A:LEU:HB3	1:63:A:ILE:HG13	17	0.48
(9,744)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	9	0.48
(9,744)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	9	0.48
(9,744)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	9	0.48
(9,701)	1:23:A:LEU:HB2	1:27:A:ARG:HE	17	0.48
(9,701)	1:23:A:LEU:HB3	1:27:A:ARG:HE	17	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,649)	1:79:A:THR:H	1:80:A:TYR:HD1	13	0.48
(9,649)	1:79:A:THR:H	1:80:A:TYR:HD2	13	0.48
(9,591)	1:28:A:GLY:H	1:29:A:LYS:H	12	0.48
(9,220)	1:44:A:GLU:HB2	1:48:A:ARG:H	11	0.48
(9,220)	1:44:A:GLU:HB3	1:48:A:ARG:H	11	0.48
(9,122)	1:79:A:THR:HB	1:80:A:TYR:H	9	0.48
(7,2227)	1:69:A:MET:HG2	1:70:A:LYS:HG2	13	0.48
(7,2227)	1:69:A:MET:HG3	1:70:A:LYS:HG2	13	0.48
(7,2222)	1:68:A:LYS:H	1:69:A:MET:HG2	12	0.48
(7,2222)	1:68:A:LYS:H	1:69:A:MET:HG3	12	0.48
(7,2149)	1:50:A:ALA:H	1:130:A:GLY:HA2	19	0.48
(7,2149)	1:50:A:ALA:H	1:130:A:GLY:HA3	19	0.48
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD11	15	0.48
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD12	15	0.48
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD13	15	0.48
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD21	15	0.48
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD22	15	0.48
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD23	15	0.48
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD11	1	0.48
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD12	1	0.48
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD13	1	0.48
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD21	1	0.48
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD22	1	0.48
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD23	1	0.48
(7,1836)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	17	0.48
(7,1836)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	17	0.48
(7,1523)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	17	0.48
(7,1523)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	17	0.48
(7,1523)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	17	0.48
(7,1523)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	17	0.48
(7,1523)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	17	0.48
(7,1523)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	17	0.48
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE1	12	0.48
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE2	12	0.48
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE3	12	0.48
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE1	17	0.48
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE2	17	0.48
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE3	17	0.48
(7,1414)	1:119:A:LEU:HA	1:121:A:VAL:HG21	6	0.48
(7,1414)	1:119:A:LEU:HA	1:121:A:VAL:HG22	6	0.48
(7,1414)	1:119:A:LEU:HA	1:121:A:VAL:HG23	6	0.48
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	2	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	2	0.48
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	2	0.48
(7,1260)	1:45:A:ALA:HA	1:48:A:ARG:HB2	1	0.48
(7,1260)	1:45:A:ALA:HA	1:48:A:ARG:HB3	1	0.48
(7,1218)	1:38:A:GLU:HG2	1:139:A:LEU:HD21	3	0.48
(7,1218)	1:38:A:GLU:HG2	1:139:A:LEU:HD22	3	0.48
(7,1218)	1:38:A:GLU:HG2	1:139:A:LEU:HD23	3	0.48
(7,1218)	1:38:A:GLU:HG3	1:139:A:LEU:HD21	3	0.48
(7,1218)	1:38:A:GLU:HG3	1:139:A:LEU:HD22	3	0.48
(7,1218)	1:38:A:GLU:HG3	1:139:A:LEU:HD23	3	0.48
(7,1192)	1:69:A:MET:HE1	1:110:A:MET:HA	19	0.48
(7,1192)	1:69:A:MET:HE2	1:110:A:MET:HA	19	0.48
(7,1192)	1:69:A:MET:HE3	1:110:A:MET:HA	19	0.48
(7,983)	1:98:A:ILE:HB	1:105:A:LYS:HB2	16	0.48
(7,983)	1:98:A:ILE:HB	1:105:A:LYS:HB3	16	0.48
(7,901)	1:44:A:GLU:HA	1:44:A:GLU:HG2	7	0.48
(7,901)	1:44:A:GLU:HA	1:44:A:GLU:HG2	17	0.48
(7,901)	1:44:A:GLU:HA	1:44:A:GLU:HG2	19	0.48
(7,789)	1:62:A:HIS:H	1:63:A:ILE:HD11	17	0.48
(7,789)	1:62:A:HIS:H	1:63:A:ILE:HD12	17	0.48
(7,789)	1:62:A:HIS:H	1:63:A:ILE:HD13	17	0.48
(7,713)	1:54:A:ARG:HE	1:58:A:ILE:HD11	5	0.48
(7,713)	1:54:A:ARG:HE	1:58:A:ILE:HD12	5	0.48
(7,713)	1:54:A:ARG:HE	1:58:A:ILE:HD13	5	0.48
(7,649)	1:70:A:LYS:H	1:74:A:PRO:HA	14	0.48
(7,590)	1:28:A:GLY:H	1:29:A:LYS:H	12	0.48
(7,438)	1:143:A:TRP:H	1:144:A:LEU:HD21	10	0.48
(7,438)	1:143:A:TRP:H	1:144:A:LEU:HD22	10	0.48
(7,438)	1:143:A:TRP:H	1:144:A:LEU:HD23	10	0.48
(7,292)	1:121:A:VAL:H	1:123:A:CYS:H	1	0.48
(7,292)	1:121:A:VAL:H	1:123:A:CYS:H	3	0.48
(7,292)	1:121:A:VAL:H	1:123:A:CYS:H	5	0.48
(7,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	7	0.48
(7,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	7	0.48
(7,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	7	0.48
(7,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	10	0.48
(7,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	10	0.48
(7,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	10	0.48
(7,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	18	0.48
(7,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	18	0.48
(7,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	18	0.48
(7,151)	1:138:A:ASP:H	1:140:A:LEU:HB2	4	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,122)	1:79:A:THR:HB	1:80:A:TYR:H	9	0.48
(7,42)	1:44:A:GLU:HG3	1:47:A:ALA:H	13	0.48
(6,2334)	1:107:A:LEU:HD11	1:112:A:GLN:HA	16	0.48
(6,2334)	1:107:A:LEU:HD12	1:112:A:GLN:HA	16	0.48
(6,2334)	1:107:A:LEU:HD13	1:112:A:GLN:HA	16	0.48
(6,2334)	1:107:A:LEU:HD21	1:112:A:GLN:HA	16	0.48
(6,2334)	1:107:A:LEU:HD22	1:112:A:GLN:HA	16	0.48
(6,2334)	1:107:A:LEU:HD23	1:112:A:GLN:HA	16	0.48
(6,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	1	0.48
(6,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	1	0.48
(6,2236)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	1	0.48
(6,2236)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	1	0.48
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	13	0.48
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	13	0.48
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	13	0.48
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	13	0.48
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	13	0.48
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	13	0.48
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	13	0.48
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	13	0.48
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	13	0.48
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	13	0.48
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	13	0.48
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	13	0.48
(6,1919)	1:13:A:ALA:H	1:80:A:TYR:HE1	6	0.48
(6,1919)	1:13:A:ALA:H	1:80:A:TYR:HE2	6	0.48
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	6	0.48
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	6	0.48
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	6	0.48
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	6	0.48
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	6	0.48
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	6	0.48
(6,1904)	1:18:A:PHE:HE1	1:117:A:VAL:HA	14	0.48
(6,1904)	1:18:A:PHE:HE2	1:117:A:VAL:HA	14	0.48
(6,1885)	1:72:A:PHE:HD1	1:109:A:PRO:HD2	7	0.48
(6,1885)	1:72:A:PHE:HD2	1:109:A:PRO:HD2	7	0.48
(6,1870)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	17	0.48
(6,1870)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	17	0.48
(6,1770)	1:66:A:THR:HG21	1:97:A:ASP:HA	13	0.48
(6,1770)	1:66:A:THR:HG22	1:97:A:ASP:HA	13	0.48
(6,1770)	1:66:A:THR:HG23	1:97:A:ASP:HA	13	0.48
(6,1744)	1:105:A:LYS:HG3	1:106:A:ASP:HA	3	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	3	0.48
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	3	0.48
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	3	0.48
(6,1585)	1:98:A:ILE:HG21	1:116:A:GLN:H	3	0.48
(6,1585)	1:98:A:ILE:HG22	1:116:A:GLN:H	3	0.48
(6,1585)	1:98:A:ILE:HG23	1:116:A:GLN:H	3	0.48
(6,1540)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	17	0.48
(6,1540)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	17	0.48
(6,1540)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	17	0.48
(6,1540)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	17	0.48
(6,1540)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	17	0.48
(6,1540)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	17	0.48
(6,1514)	1:69:A:MET:HE1	1:116:A:GLN:HE21	4	0.48
(6,1514)	1:69:A:MET:HE2	1:116:A:GLN:HE21	4	0.48
(6,1514)	1:69:A:MET:HE3	1:116:A:GLN:HE21	4	0.48
(6,1485)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	8	0.48
(6,1485)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	8	0.48
(6,1485)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	8	0.48
(6,1485)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	8	0.48
(6,1485)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	8	0.48
(6,1485)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	8	0.48
(6,1485)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	8	0.48
(6,1485)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	8	0.48
(6,1485)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	8	0.48
(6,1455)	1:15:A:ALA:HB1	1:132:A:ALA:HA	10	0.48
(6,1455)	1:15:A:ALA:HB2	1:132:A:ALA:HA	10	0.48
(6,1455)	1:15:A:ALA:HB3	1:132:A:ALA:HA	10	0.48
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	11	0.48
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	11	0.48
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	11	0.48
(6,1266)	1:45:A:ALA:HA	1:48:A:ARG:HB2	1	0.48
(6,1266)	1:45:A:ALA:HA	1:48:A:ARG:HB3	1	0.48
(6,1234)	1:38:A:GLU:HG2	1:139:A:LEU:HD21	3	0.48
(6,1234)	1:38:A:GLU:HG2	1:139:A:LEU:HD22	3	0.48
(6,1234)	1:38:A:GLU:HG2	1:139:A:LEU:HD23	3	0.48
(6,1234)	1:38:A:GLU:HG3	1:139:A:LEU:HD21	3	0.48
(6,1234)	1:38:A:GLU:HG3	1:139:A:LEU:HD22	3	0.48
(6,1234)	1:38:A:GLU:HG3	1:139:A:LEU:HD23	3	0.48
(6,1221)	1:143:A:TRP:H	1:144:A:LEU:HD11	17	0.48
(6,1221)	1:143:A:TRP:H	1:144:A:LEU:HD12	17	0.48
(6,1221)	1:143:A:TRP:H	1:144:A:LEU:HD13	17	0.48
(6,1219)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	16	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1219)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	16	0.48
(6,1219)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	16	0.48
(6,905)	1:44:A:GLU:HA	1:44:A:GLU:HG2	7	0.48
(6,905)	1:44:A:GLU:HA	1:44:A:GLU:HG2	17	0.48
(6,905)	1:44:A:GLU:HA	1:44:A:GLU:HG2	19	0.48
(6,701)	1:23:A:LEU:HB2	1:27:A:ARG:HE	10	0.48
(6,701)	1:23:A:LEU:HB3	1:27:A:ARG:HE	10	0.48
(6,692)	1:98:A:ILE:H	1:104:A:PHE:H	5	0.48
(6,664)	1:63:A:ILE:HG12	1:117:A:VAL:H	14	0.48
(6,662)	1:63:A:ILE:HD11	1:116:A:GLN:H	10	0.48
(6,662)	1:63:A:ILE:HD12	1:116:A:GLN:H	10	0.48
(6,662)	1:63:A:ILE:HD13	1:116:A:GLN:H	10	0.48
(6,371)	1:40:A:LEU:HB2	1:41:A:LYS:H	7	0.48
(6,307)	1:64:A:LYS:HD2	1:65:A:CYS:H	19	0.48
(6,307)	1:64:A:LYS:HD3	1:65:A:CYS:H	19	0.48
(6,122)	1:79:A:THR:HB	1:80:A:TYR:H	9	0.48
(6,40)	1:98:A:ILE:H	1:104:A:PHE:HB3	6	0.48
(6,11)	1:64:A:LYS:H	1:116:A:GLN:HG2	17	0.48
(5,2173)	1:50:A:ALA:H	1:130:A:GLY:HA2	19	0.48
(5,2173)	1:50:A:ALA:H	1:130:A:GLY:HA3	19	0.48
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD11	14	0.48
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD12	14	0.48
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD13	14	0.48
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD21	14	0.48
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD22	14	0.48
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD23	14	0.48
(5,2046)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	7	0.48
(5,2046)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	7	0.48
(5,2046)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	7	0.48
(5,2046)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	7	0.48
(5,2046)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	7	0.48
(5,2046)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	7	0.48
(5,1979)	1:14:A:VAL:HB	1:57:A:LEU:HD11	14	0.48
(5,1979)	1:14:A:VAL:HB	1:57:A:LEU:HD12	14	0.48
(5,1979)	1:14:A:VAL:HB	1:57:A:LEU:HD13	14	0.48
(5,1979)	1:14:A:VAL:HB	1:57:A:LEU:HD21	14	0.48
(5,1979)	1:14:A:VAL:HB	1:57:A:LEU:HD22	14	0.48
(5,1979)	1:14:A:VAL:HB	1:57:A:LEU:HD23	14	0.48
(5,1932)	1:13:A:ALA:H	1:80:A:TYR:HE1	6	0.48
(5,1932)	1:13:A:ALA:H	1:80:A:TYR:HE2	6	0.48
(5,1852)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	2	0.48
(5,1852)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	2	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1796)	1:65:A:CYS:HB2	1:69:A:MET:HE1	12	0.48
(5,1796)	1:65:A:CYS:HB2	1:69:A:MET:HE2	12	0.48
(5,1796)	1:65:A:CYS:HB2	1:69:A:MET:HE3	12	0.48
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	3	0.48
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	3	0.48
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	3	0.48
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB2	3	0.48
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB3	3	0.48
(5,1677)	1:69:A:MET:HE1	1:116:A:GLN:HE21	4	0.48
(5,1677)	1:69:A:MET:HE2	1:116:A:GLN:HE21	4	0.48
(5,1677)	1:69:A:MET:HE3	1:116:A:GLN:HE21	4	0.48
(5,1623)	1:73:A:ILE:HG21	1:111:A:GLU:H	8	0.48
(5,1623)	1:73:A:ILE:HG22	1:111:A:GLU:H	8	0.48
(5,1623)	1:73:A:ILE:HG23	1:111:A:GLU:H	8	0.48
(5,1576)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	14	0.48
(5,1576)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	14	0.48
(5,1576)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	14	0.48
(5,1572)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	6	0.48
(5,1572)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	6	0.48
(5,1572)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	6	0.48
(5,1572)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	6	0.48
(5,1572)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	6	0.48
(5,1572)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	6	0.48
(5,1572)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	6	0.48
(5,1572)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	6	0.48
(5,1572)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	6	0.48
(5,1556)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	17	0.48
(5,1556)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	17	0.48
(5,1556)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	17	0.48
(5,1556)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	17	0.48
(5,1556)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	17	0.48
(5,1556)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	17	0.48
(5,1536)	1:69:A:MET:HE1	1:113:A:PHE:HE1	12	0.48
(5,1536)	1:69:A:MET:HE1	1:113:A:PHE:HE2	12	0.48
(5,1536)	1:69:A:MET:HE2	1:113:A:PHE:HE1	12	0.48
(5,1536)	1:69:A:MET:HE2	1:113:A:PHE:HE2	12	0.48
(5,1536)	1:69:A:MET:HE3	1:113:A:PHE:HE1	12	0.48
(5,1536)	1:69:A:MET:HE3	1:113:A:PHE:HE2	12	0.48
(5,1391)	1:46:A:ASN:HB3	1:134:A:VAL:HG21	4	0.48
(5,1391)	1:46:A:ASN:HB3	1:134:A:VAL:HG22	4	0.48
(5,1391)	1:46:A:ASN:HB3	1:134:A:VAL:HG23	4	0.48
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG21	12	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG22	12	0.48
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG23	12	0.48
(5,1291)	1:45:A:ALA:HA	1:48:A:ARG:HB2	1	0.48
(5,1291)	1:45:A:ALA:HA	1:48:A:ARG:HB3	1	0.48
(5,1250)	1:38:A:GLU:HG2	1:139:A:LEU:HD21	3	0.48
(5,1250)	1:38:A:GLU:HG2	1:139:A:LEU:HD22	3	0.48
(5,1250)	1:38:A:GLU:HG2	1:139:A:LEU:HD23	3	0.48
(5,1250)	1:38:A:GLU:HG3	1:139:A:LEU:HD21	3	0.48
(5,1250)	1:38:A:GLU:HG3	1:139:A:LEU:HD22	3	0.48
(5,1250)	1:38:A:GLU:HG3	1:139:A:LEU:HD23	3	0.48
(5,1103)	1:141:A:LYS:HA	1:148:A:CYS:HB2	12	0.48
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD11	6	0.48
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD12	6	0.48
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD13	6	0.48
(5,1001)	1:98:A:ILE:HB	1:105:A:LYS:HB2	16	0.48
(5,1001)	1:98:A:ILE:HB	1:105:A:LYS:HB3	16	0.48
(5,969)	1:11:A:ILE:HG12	1:14:A:VAL:HB	15	0.48
(5,918)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	3	0.48
(5,918)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	3	0.48
(5,918)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	3	0.48
(5,873)	1:123:A:CYS:HB3	1:128:A:LEU:HD11	18	0.48
(5,873)	1:123:A:CYS:HB3	1:128:A:LEU:HD12	18	0.48
(5,873)	1:123:A:CYS:HB3	1:128:A:LEU:HD13	18	0.48
(5,858)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	1	0.48
(5,793)	1:63:A:ILE:HD11	1:117:A:VAL:HB	7	0.48
(5,793)	1:63:A:ILE:HD12	1:117:A:VAL:HB	7	0.48
(5,793)	1:63:A:ILE:HD13	1:117:A:VAL:HB	7	0.48
(5,718)	1:54:A:ARG:HE	1:58:A:ILE:HD11	5	0.48
(5,718)	1:54:A:ARG:HE	1:58:A:ILE:HD12	5	0.48
(5,718)	1:54:A:ARG:HE	1:58:A:ILE:HD13	5	0.48
(5,698)	1:98:A:ILE:H	1:104:A:PHE:H	5	0.48
(5,650)	1:70:A:LYS:H	1:74:A:PRO:HA	14	0.48
(5,587)	1:28:A:GLY:H	1:29:A:LYS:H	12	0.48
(5,487)	1:105:A:LYS:H	1:105:A:LYS:HD2	17	0.48
(5,487)	1:105:A:LYS:H	1:105:A:LYS:HD3	17	0.48
(5,266)	1:112:A:GLN:H	1:112:A:GLN:HE21	18	0.48
(5,212)	1:44:A:GLU:HB2	1:48:A:ARG:H	11	0.48
(5,212)	1:44:A:GLU:HB3	1:48:A:ARG:H	11	0.48
(5,118)	1:79:A:THR:HB	1:80:A:TYR:H	9	0.48
(4,2253)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	10	0.48
(4,2253)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	10	0.48
(4,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD11	4	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD12	4	0.48
(4,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD13	4	0.48
(4,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD21	4	0.48
(4,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD22	4	0.48
(4,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD23	4	0.48
(4,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD11	4	0.48
(4,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD12	4	0.48
(4,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD13	4	0.48
(4,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD21	4	0.48
(4,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD22	4	0.48
(4,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD23	4	0.48
(4,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD11	4	0.48
(4,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD12	4	0.48
(4,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD13	4	0.48
(4,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD21	4	0.48
(4,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD22	4	0.48
(4,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD23	4	0.48
(4,2101)	1:39:A:VAL:HG11	1:43:A:MET:H	7	0.48
(4,2101)	1:39:A:VAL:HG12	1:43:A:MET:H	7	0.48
(4,2101)	1:39:A:VAL:HG13	1:43:A:MET:H	7	0.48
(4,2101)	1:39:A:VAL:HG21	1:43:A:MET:H	7	0.48
(4,2101)	1:39:A:VAL:HG22	1:43:A:MET:H	7	0.48
(4,2101)	1:39:A:VAL:HG23	1:43:A:MET:H	7	0.48
(4,2079)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	6	0.48
(4,2079)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	6	0.48
(4,2079)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	6	0.48
(4,2079)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	6	0.48
(4,2079)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	6	0.48
(4,2079)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	6	0.48
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD11	2	0.48
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD12	2	0.48
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD13	2	0.48
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD21	2	0.48
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD22	2	0.48
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD23	2	0.48
(4,1885)	1:13:A:ALA:H	1:80:A:TYR:HE1	6	0.48
(4,1885)	1:13:A:ALA:H	1:80:A:TYR:HE2	6	0.48
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	6	0.48
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	6	0.48
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	6	0.48
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	6	0.48
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	6	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	6	0.48
(4,1719)	1:18:A:PHE:HB3	1:132:A:ALA:HA	13	0.48
(4,1719)	1:18:A:PHE:HB2	1:132:A:ALA:HA	13	0.48
(4,1566)	1:98:A:ILE:HG21	1:116:A:GLN:H	3	0.48
(4,1566)	1:98:A:ILE:HG22	1:116:A:GLN:H	3	0.48
(4,1566)	1:98:A:ILE:HG23	1:116:A:GLN:H	3	0.48
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE1	5	0.48
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE2	5	0.48
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE3	5	0.48
(4,1413)	1:119:A:LEU:HA	1:121:A:VAL:HG21	6	0.48
(4,1413)	1:119:A:LEU:HA	1:121:A:VAL:HG22	6	0.48
(4,1413)	1:119:A:LEU:HA	1:121:A:VAL:HG23	6	0.48
(4,1379)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	1	0.48
(4,1379)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	1	0.48
(4,1379)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	1	0.48
(4,1217)	1:38:A:GLU:HG2	1:139:A:LEU:HD21	3	0.48
(4,1217)	1:38:A:GLU:HG2	1:139:A:LEU:HD22	3	0.48
(4,1217)	1:38:A:GLU:HG2	1:139:A:LEU:HD23	3	0.48
(4,1217)	1:38:A:GLU:HG3	1:139:A:LEU:HD21	3	0.48
(4,1217)	1:38:A:GLU:HG3	1:139:A:LEU:HD22	3	0.48
(4,1217)	1:38:A:GLU:HG3	1:139:A:LEU:HD23	3	0.48
(4,1206)	1:143:A:TRP:H	1:144:A:LEU:HD11	17	0.48
(4,1206)	1:143:A:TRP:H	1:144:A:LEU:HD12	17	0.48
(4,1206)	1:143:A:TRP:H	1:144:A:LEU:HD13	17	0.48
(4,1204)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	16	0.48
(4,1204)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	16	0.48
(4,1204)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	16	0.48
(4,1190)	1:69:A:MET:HE1	1:110:A:MET:HA	19	0.48
(4,1190)	1:69:A:MET:HE2	1:110:A:MET:HA	19	0.48
(4,1190)	1:69:A:MET:HE3	1:110:A:MET:HA	19	0.48
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB1	17	0.48
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB2	17	0.48
(4,1122)	1:138:A:ASP:HA	1:149:A:ALA:HB3	17	0.48
(4,933)	1:69:A:MET:HG2	1:109:A:PRO:HA	18	0.48
(4,905)	1:44:A:GLU:HA	1:44:A:GLU:HG2	7	0.48
(4,905)	1:44:A:GLU:HA	1:44:A:GLU:HG2	17	0.48
(4,905)	1:44:A:GLU:HA	1:44:A:GLU:HG2	19	0.48
(4,697)	1:23:A:LEU:HB2	1:27:A:ARG:HE	17	0.48
(4,697)	1:23:A:LEU:HB3	1:27:A:ARG:HE	17	0.48
(4,690)	1:98:A:ILE:H	1:104:A:PHE:H	5	0.48
(4,644)	1:79:A:THR:H	1:80:A:TYR:HD1	13	0.48
(4,644)	1:79:A:THR:H	1:80:A:TYR:HD2	13	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,639)	1:70:A:LYS:H	1:74:A:PRO:HA	14	0.48
(4,584)	1:28:A:GLY:H	1:29:A:LYS:H	12	0.48
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB2	3	0.48
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB3	3	0.48
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB2	14	0.48
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB3	14	0.48
(4,48)	1:44:A:GLU:HG3	1:47:A:ALA:H	13	0.48
(3,2318)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	3	0.48
(3,2318)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	3	0.48
(3,2318)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	3	0.48
(3,2318)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	3	0.48
(3,2318)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	3	0.48
(3,2318)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	3	0.48
(3,2318)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	3	0.48
(3,2318)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	3	0.48
(3,2318)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	3	0.48
(3,2318)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	3	0.48
(3,2318)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	3	0.48
(3,2318)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	3	0.48
(3,2318)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	3	0.48
(3,2318)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	3	0.48
(3,2318)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	3	0.48
(3,2318)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	3	0.48
(3,2318)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	3	0.48
(3,2318)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	3	0.48
(3,2317)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	5	0.48
(3,2317)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	5	0.48
(3,2317)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	5	0.48
(3,2317)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	5	0.48
(3,2317)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	5	0.48
(3,2317)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	5	0.48
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG11	3	0.48
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG12	3	0.48
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG13	3	0.48
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG21	3	0.48
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG22	3	0.48
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG23	3	0.48
(3,1994)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	14	0.48
(3,1994)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	14	0.48
(3,1994)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	14	0.48
(3,1994)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	14	0.48
(3,1994)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	14	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1994)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	14	0.48
(3,1994)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	14	0.48
(3,1994)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	14	0.48
(3,1994)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	14	0.48
(3,1994)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	14	0.48
(3,1994)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	14	0.48
(3,1994)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	14	0.48
(3,1994)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	14	0.48
(3,1994)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	14	0.48
(3,1994)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	14	0.48
(3,1994)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	14	0.48
(3,1994)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	14	0.48
(3,1994)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	14	0.48
(3,1878)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	9	0.48
(3,1878)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	9	0.48
(3,1820)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	3	0.48
(3,1820)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	3	0.48
(3,1820)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	3	0.48
(3,1820)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	3	0.48
(3,1767)	1:98:A:ILE:HG21	1:102:A:PRO:HD3	19	0.48
(3,1767)	1:98:A:ILE:HG22	1:102:A:PRO:HD3	19	0.48
(3,1767)	1:98:A:ILE:HG23	1:102:A:PRO:HD3	19	0.48
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	3	0.48
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	3	0.48
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	3	0.48
(3,1690)	1:69:A:MET:HE1	1:116:A:GLN:HE21	4	0.48
(3,1690)	1:69:A:MET:HE2	1:116:A:GLN:HE21	4	0.48
(3,1690)	1:69:A:MET:HE3	1:116:A:GLN:HE21	4	0.48
(3,1618)	1:98:A:ILE:HG21	1:116:A:GLN:H	3	0.48
(3,1618)	1:98:A:ILE:HG22	1:116:A:GLN:H	3	0.48
(3,1618)	1:98:A:ILE:HG23	1:116:A:GLN:H	3	0.48
(3,1584)	1:118:A:ASP:HB3	1:119:A:LEU:HD21	15	0.48
(3,1584)	1:118:A:ASP:HB3	1:119:A:LEU:HD22	15	0.48
(3,1584)	1:118:A:ASP:HB3	1:119:A:LEU:HD23	15	0.48
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	17	0.48
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	17	0.48
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	17	0.48
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	17	0.48
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	17	0.48
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	17	0.48
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD21	10	0.48
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD22	10	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1573)	1:12:A:VAL:H	1:144:A:LEU:HD23	10	0.48
(3,1568)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	17	0.48
(3,1568)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	17	0.48
(3,1568)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	17	0.48
(3,1568)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	17	0.48
(3,1568)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	17	0.48
(3,1568)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	17	0.48
(3,1558)	1:69:A:MET:HE1	1:76:A:ARG:HG2	5	0.48
(3,1558)	1:69:A:MET:HE1	1:76:A:ARG:HG3	5	0.48
(3,1558)	1:69:A:MET:HE2	1:76:A:ARG:HG2	5	0.48
(3,1558)	1:69:A:MET:HE2	1:76:A:ARG:HG3	5	0.48
(3,1558)	1:69:A:MET:HE3	1:76:A:ARG:HG2	5	0.48
(3,1558)	1:69:A:MET:HE3	1:76:A:ARG:HG3	5	0.48
(3,1545)	1:110:A:MET:HE1	1:113:A:PHE:HE1	10	0.48
(3,1545)	1:110:A:MET:HE1	1:113:A:PHE:HE2	10	0.48
(3,1545)	1:110:A:MET:HE2	1:113:A:PHE:HE1	10	0.48
(3,1545)	1:110:A:MET:HE2	1:113:A:PHE:HE2	10	0.48
(3,1545)	1:110:A:MET:HE3	1:113:A:PHE:HE1	10	0.48
(3,1545)	1:110:A:MET:HE3	1:113:A:PHE:HE2	10	0.48
(3,1465)	1:31:A:PRO:HD3	1:143:A:TRP:HA	16	0.48
(3,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG21	6	0.48
(3,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG22	6	0.48
(3,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG23	6	0.48
(3,1442)	1:73:A:ILE:HG21	1:110:A:MET:HG2	4	0.48
(3,1442)	1:73:A:ILE:HG21	1:110:A:MET:HG3	4	0.48
(3,1442)	1:73:A:ILE:HG22	1:110:A:MET:HG2	4	0.48
(3,1442)	1:73:A:ILE:HG22	1:110:A:MET:HG3	4	0.48
(3,1442)	1:73:A:ILE:HG23	1:110:A:MET:HG2	4	0.48
(3,1442)	1:73:A:ILE:HG23	1:110:A:MET:HG3	4	0.48
(3,1442)	1:73:A:ILE:HG21	1:110:A:MET:HG2	11	0.48
(3,1442)	1:73:A:ILE:HG21	1:110:A:MET:HG3	11	0.48
(3,1442)	1:73:A:ILE:HG22	1:110:A:MET:HG2	11	0.48
(3,1442)	1:73:A:ILE:HG22	1:110:A:MET:HG3	11	0.48
(3,1442)	1:73:A:ILE:HG23	1:110:A:MET:HG2	11	0.48
(3,1442)	1:73:A:ILE:HG23	1:110:A:MET:HG3	11	0.48
(3,1264)	1:38:A:GLU:HG2	1:139:A:LEU:HD21	3	0.48
(3,1264)	1:38:A:GLU:HG2	1:139:A:LEU:HD22	3	0.48
(3,1264)	1:38:A:GLU:HG2	1:139:A:LEU:HD23	3	0.48
(3,1264)	1:38:A:GLU:HG3	1:139:A:LEU:HD21	3	0.48
(3,1264)	1:38:A:GLU:HG3	1:139:A:LEU:HD22	3	0.48
(3,1264)	1:38:A:GLU:HG3	1:139:A:LEU:HD23	3	0.48
(3,1113)	1:136:A:CYS:HB3	1:141:A:LYS:HA	9	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1015)	1:98:A:ILE:HB	1:105:A:LYS:HB2	16	0.48
(3,1015)	1:98:A:ILE:HB	1:105:A:LYS:HB3	16	0.48
(3,947)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	2	0.48
(3,947)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	2	0.48
(3,947)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	2	0.48
(3,947)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	2	0.48
(3,932)	1:44:A:GLU:HA	1:44:A:GLU:HG2	7	0.48
(3,932)	1:44:A:GLU:HA	1:44:A:GLU:HG2	17	0.48
(3,932)	1:44:A:GLU:HA	1:44:A:GLU:HG2	19	0.48
(3,834)	1:98:A:ILE:HD11	1:119:A:LEU:HG	12	0.48
(3,834)	1:98:A:ILE:HD12	1:119:A:LEU:HG	12	0.48
(3,834)	1:98:A:ILE:HD13	1:119:A:LEU:HG	12	0.48
(3,727)	1:54:A:ARG:HE	1:58:A:ILE:HD11	5	0.48
(3,727)	1:54:A:ARG:HE	1:58:A:ILE:HD12	5	0.48
(3,727)	1:54:A:ARG:HE	1:58:A:ILE:HD13	5	0.48
(3,704)	1:98:A:ILE:H	1:104:A:PHE:H	5	0.48
(3,659)	1:79:A:THR:H	1:80:A:TYR:HD1	13	0.48
(3,659)	1:79:A:THR:H	1:80:A:TYR:HD2	13	0.48
(3,655)	1:70:A:LYS:H	1:74:A:PRO:HA	14	0.48
(3,596)	1:28:A:GLY:H	1:29:A:LYS:H	12	0.48
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB2	3	0.48
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB3	3	0.48
(3,425)	1:100:A:ALA:H	1:119:A:LEU:HB3	11	0.48
(3,264)	1:39:A:VAL:H	1:40:A:LEU:HB2	2	0.48
(3,150)	1:138:A:ASP:H	1:140:A:LEU:HB2	4	0.48
(3,111)	1:21:A:THR:HB	1:22:A:ASP:H	16	0.48
(3,47)	1:98:A:ILE:H	1:104:A:PHE:HB3	6	0.48
(3,7)	1:39:A:VAL:HG11	1:143:A:TRP:HE1	9	0.48
(3,7)	1:39:A:VAL:HG12	1:143:A:TRP:HE1	9	0.48
(3,7)	1:39:A:VAL:HG13	1:143:A:TRP:HE1	9	0.48
(2,2033)	1:16:A:SER:HB2	1:19:A:ALA:HB1	6	0.48
(2,2033)	1:16:A:SER:HB2	1:19:A:ALA:HB2	6	0.48
(2,2033)	1:16:A:SER:HB2	1:19:A:ALA:HB3	6	0.48
(2,2033)	1:16:A:SER:HB3	1:19:A:ALA:HB1	6	0.48
(2,2033)	1:16:A:SER:HB3	1:19:A:ALA:HB2	6	0.48
(2,2033)	1:16:A:SER:HB3	1:19:A:ALA:HB3	6	0.48
(2,1932)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	2	0.48
(2,1932)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	2	0.48
(2,1932)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	2	0.48
(2,1932)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	2	0.48
(2,1852)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	2	0.48
(2,1852)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	2	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB2	3	0.48
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB3	3	0.48
(2,1600)	1:98:A:ILE:HG21	1:116:A:GLN:H	3	0.48
(2,1600)	1:98:A:ILE:HG22	1:116:A:GLN:H	3	0.48
(2,1600)	1:98:A:ILE:HG23	1:116:A:GLN:H	3	0.48
(2,1567)	1:60:A:LEU:HA	1:117:A:VAL:HG21	2	0.48
(2,1567)	1:60:A:LEU:HA	1:117:A:VAL:HG22	2	0.48
(2,1567)	1:60:A:LEU:HA	1:117:A:VAL:HG23	2	0.48
(2,1556)	1:118:A:ASP:HB3	1:119:A:LEU:HD21	15	0.48
(2,1556)	1:118:A:ASP:HB3	1:119:A:LEU:HD22	15	0.48
(2,1556)	1:118:A:ASP:HB3	1:119:A:LEU:HD23	15	0.48
(2,1438)	1:119:A:LEU:HA	1:121:A:VAL:HG21	6	0.48
(2,1438)	1:119:A:LEU:HA	1:121:A:VAL:HG22	6	0.48
(2,1438)	1:119:A:LEU:HA	1:121:A:VAL:HG23	6	0.48
(2,1362)	1:39:A:VAL:HG11	1:143:A:TRP:H	3	0.48
(2,1362)	1:39:A:VAL:HG12	1:143:A:TRP:H	3	0.48
(2,1362)	1:39:A:VAL:HG13	1:143:A:TRP:H	3	0.48
(2,1255)	1:23:A:LEU:HA	1:23:A:LEU:HD11	4	0.48
(2,1255)	1:23:A:LEU:HA	1:23:A:LEU:HD12	4	0.48
(2,1255)	1:23:A:LEU:HA	1:23:A:LEU:HD13	4	0.48
(2,1234)	1:38:A:GLU:HG2	1:139:A:LEU:HD21	3	0.48
(2,1234)	1:38:A:GLU:HG2	1:139:A:LEU:HD22	3	0.48
(2,1234)	1:38:A:GLU:HG2	1:139:A:LEU:HD23	3	0.48
(2,1234)	1:38:A:GLU:HG3	1:139:A:LEU:HD21	3	0.48
(2,1234)	1:38:A:GLU:HG3	1:139:A:LEU:HD22	3	0.48
(2,1234)	1:38:A:GLU:HG3	1:139:A:LEU:HD23	3	0.48
(2,1223)	1:143:A:TRP:H	1:144:A:LEU:HD11	17	0.48
(2,1223)	1:143:A:TRP:H	1:144:A:LEU:HD12	17	0.48
(2,1223)	1:143:A:TRP:H	1:144:A:LEU:HD13	17	0.48
(2,1221)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	16	0.48
(2,1221)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	16	0.48
(2,1221)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	16	0.48
(2,1207)	1:69:A:MET:HE1	1:110:A:MET:HA	19	0.48
(2,1207)	1:69:A:MET:HE2	1:110:A:MET:HA	19	0.48
(2,1207)	1:69:A:MET:HE3	1:110:A:MET:HA	19	0.48
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD21	10	0.48
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD22	10	0.48
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD23	10	0.48
(2,1172)	1:128:A:LEU:HD11	1:129:A:LYS:H	17	0.48
(2,1172)	1:128:A:LEU:HD12	1:129:A:LYS:H	17	0.48
(2,1172)	1:128:A:LEU:HD13	1:129:A:LYS:H	17	0.48
(2,1172)	1:128:A:LEU:HD11	1:129:A:LYS:H	19	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1172)	1:128:A:LEU:HD12	1:129:A:LYS:H	19	0.48
(2,1172)	1:128:A:LEU:HD13	1:129:A:LYS:H	19	0.48
(2,1086)	1:141:A:LYS:HA	1:148:A:CYS:HB2	12	0.48
(2,1013)	1:34:A:LYS:H	1:81:A:GLU:HB3	15	0.48
(2,956)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	19	0.48
(2,956)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	19	0.48
(2,893)	1:69:A:MET:HE1	1:73:A:ILE:HB	5	0.48
(2,893)	1:69:A:MET:HE2	1:73:A:ILE:HB	5	0.48
(2,893)	1:69:A:MET:HE3	1:73:A:ILE:HB	5	0.48
(2,880)	1:117:A:VAL:HG11	1:118:A:ASP:HB2	2	0.48
(2,880)	1:117:A:VAL:HG12	1:118:A:ASP:HB2	2	0.48
(2,880)	1:117:A:VAL:HG13	1:118:A:ASP:HB2	2	0.48
(2,791)	1:11:A:ILE:HD11	1:14:A:VAL:HB	4	0.48
(2,791)	1:11:A:ILE:HD12	1:14:A:VAL:HB	4	0.48
(2,791)	1:11:A:ILE:HD13	1:14:A:VAL:HB	4	0.48
(2,695)	1:98:A:ILE:H	1:104:A:PHE:H	5	0.48
(2,649)	1:70:A:LYS:H	1:74:A:PRO:HA	14	0.48
(2,591)	1:28:A:GLY:H	1:29:A:LYS:H	12	0.48
(2,368)	1:132:A:ALA:H	1:133:A:ASN:HD22	17	0.48
(2,308)	1:64:A:LYS:HD2	1:65:A:CYS:H	19	0.48
(2,308)	1:64:A:LYS:HD3	1:65:A:CYS:H	19	0.48
(2,121)	1:79:A:THR:HB	1:80:A:TYR:H	9	0.48
(2,89)	1:96:A:VAL:H	1:97:A:ASP:H	15	0.48
(2,41)	1:98:A:ILE:H	1:104:A:PHE:HB2	6	0.48
(2,41)	1:98:A:ILE:H	1:104:A:PHE:HB3	6	0.48
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG12	18	0.48
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG13	18	0.48
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG12	18	0.48
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG13	18	0.48
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG12	18	0.48
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG13	18	0.48
(1,2318)	1:110:A:MET:HG2	1:114:A:ILE:HG12	13	0.48
(1,2318)	1:110:A:MET:HG2	1:114:A:ILE:HG13	13	0.48
(1,2318)	1:110:A:MET:HG3	1:114:A:ILE:HG12	13	0.48
(1,2318)	1:110:A:MET:HG3	1:114:A:ILE:HG13	13	0.48
(1,2244)	1:75:A:GLY:H	1:77:A:CYS:HB2	7	0.48
(1,2244)	1:75:A:GLY:H	1:77:A:CYS:HB3	7	0.48
(1,2219)	1:69:A:MET:HG2	1:70:A:LYS:HG2	13	0.48
(1,2219)	1:69:A:MET:HG3	1:70:A:LYS:HG2	13	0.48
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD11	11	0.48
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD12	11	0.48
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD13	11	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD21	11	0.48
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD22	11	0.48
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD23	11	0.48
(1,2008)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	12	0.48
(1,2008)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	12	0.48
(1,2008)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	12	0.48
(1,2008)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	0.48
(1,2008)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	0.48
(1,2008)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	0.48
(1,2008)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	12	0.48
(1,2008)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	12	0.48
(1,2008)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	12	0.48
(1,2008)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	0.48
(1,2008)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	0.48
(1,2008)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	0.48
(1,1917)	1:63:A:ILE:HB	1:113:A:PHE:HD1	12	0.48
(1,1917)	1:63:A:ILE:HB	1:113:A:PHE:HD2	12	0.48
(1,1865)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	9	0.48
(1,1865)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	9	0.48
(1,1795)	1:13:A:ALA:H	1:80:A:TYR:HD1	1	0.48
(1,1795)	1:13:A:ALA:H	1:80:A:TYR:HD2	1	0.48
(1,1795)	1:13:A:ALA:H	1:80:A:TYR:HD1	4	0.48
(1,1795)	1:13:A:ALA:H	1:80:A:TYR:HD2	4	0.48
(1,1746)	1:98:A:ILE:HG21	1:102:A:PRO:HD3	19	0.48
(1,1746)	1:98:A:ILE:HG22	1:102:A:PRO:HD3	19	0.48
(1,1746)	1:98:A:ILE:HG23	1:102:A:PRO:HD3	19	0.48
(1,1598)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	4	0.48
(1,1598)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	4	0.48
(1,1598)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	4	0.48
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE1	12	0.48
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE2	12	0.48
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE3	12	0.48
(1,1426)	1:73:A:ILE:HG21	1:110:A:MET:HG2	4	0.48
(1,1426)	1:73:A:ILE:HG21	1:110:A:MET:HG3	4	0.48
(1,1426)	1:73:A:ILE:HG22	1:110:A:MET:HG2	4	0.48
(1,1426)	1:73:A:ILE:HG22	1:110:A:MET:HG3	4	0.48
(1,1426)	1:73:A:ILE:HG23	1:110:A:MET:HG2	4	0.48
(1,1426)	1:73:A:ILE:HG23	1:110:A:MET:HG3	4	0.48
(1,1426)	1:73:A:ILE:HG21	1:110:A:MET:HG2	11	0.48
(1,1426)	1:73:A:ILE:HG21	1:110:A:MET:HG3	11	0.48
(1,1426)	1:73:A:ILE:HG22	1:110:A:MET:HG2	11	0.48
(1,1426)	1:73:A:ILE:HG22	1:110:A:MET:HG3	11	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1426)	1:73:A:ILE:HG23	1:110:A:MET:HG2	11	0.48
(1,1426)	1:73:A:ILE:HG23	1:110:A:MET:HG3	11	0.48
(1,1242)	1:38:A:GLU:HG2	1:139:A:LEU:HD21	3	0.48
(1,1242)	1:38:A:GLU:HG2	1:139:A:LEU:HD22	3	0.48
(1,1242)	1:38:A:GLU:HG2	1:139:A:LEU:HD23	3	0.48
(1,1242)	1:38:A:GLU:HG3	1:139:A:LEU:HD21	3	0.48
(1,1242)	1:38:A:GLU:HG3	1:139:A:LEU:HD22	3	0.48
(1,1242)	1:38:A:GLU:HG3	1:139:A:LEU:HD23	3	0.48
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB1	17	0.48
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB2	17	0.48
(1,1145)	1:138:A:ASP:HA	1:149:A:ALA:HB3	17	0.48
(1,1106)	1:136:A:CYS:HB3	1:141:A:LYS:HA	9	0.48
(1,1096)	1:48:A:ARG:HG2	1:49:A:LYS:HA	3	0.48
(1,1096)	1:48:A:ARG:HG3	1:49:A:LYS:HA	3	0.48
(1,1019)	1:98:A:ILE:HB	1:105:A:LYS:HB2	16	0.48
(1,1019)	1:98:A:ILE:HB	1:105:A:LYS:HB3	16	0.48
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	19	0.48
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	19	0.48
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	19	0.48
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	19	0.48
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	19	0.48
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	19	0.48
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	19	0.48
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	19	0.48
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	19	0.48
(1,725)	1:54:A:ARG:HE	1:58:A:ILE:HD11	5	0.48
(1,725)	1:54:A:ARG:HE	1:58:A:ILE:HD12	5	0.48
(1,725)	1:54:A:ARG:HE	1:58:A:ILE:HD13	5	0.48
(1,660)	1:79:A:THR:H	1:80:A:TYR:HD1	13	0.48
(1,660)	1:79:A:THR:H	1:80:A:TYR:HD2	13	0.48
(1,598)	1:28:A:GLY:H	1:29:A:LYS:H	12	0.48
(1,439)	1:143:A:TRP:H	1:144:A:LEU:HD11	17	0.48
(1,439)	1:143:A:TRP:H	1:144:A:LEU:HD12	17	0.48
(1,439)	1:143:A:TRP:H	1:144:A:LEU:HD13	17	0.48
(1,314)	1:64:A:LYS:HD2	1:65:A:CYS:H	19	0.48
(1,314)	1:64:A:LYS:HD3	1:65:A:CYS:H	19	0.48
(1,227)	1:44:A:GLU:HB2	1:48:A:ARG:H	11	0.48
(1,227)	1:44:A:GLU:HB3	1:48:A:ARG:H	11	0.48
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB1	5	0.48
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB2	5	0.48
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB3	5	0.48
(1,132)	1:79:A:THR:HB	1:80:A:TYR:H	9	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2301)	1:98:A:ILE:HG12	1:116:A:GLN:H	6	0.47
(34,2301)	1:98:A:ILE:HG13	1:116:A:GLN:H	6	0.47
(34,2234)	1:68:A:LYS:H	1:69:A:MET:HG2	18	0.47
(34,2234)	1:68:A:LYS:H	1:69:A:MET:HG3	18	0.47
(34,2141)	1:40:A:LEU:HD11	1:44:A:GLU:HG2	13	0.47
(34,2141)	1:40:A:LEU:HD12	1:44:A:GLU:HG2	13	0.47
(34,2141)	1:40:A:LEU:HD13	1:44:A:GLU:HG2	13	0.47
(34,2141)	1:40:A:LEU:HD21	1:44:A:GLU:HG2	13	0.47
(34,2141)	1:40:A:LEU:HD22	1:44:A:GLU:HG2	13	0.47
(34,2141)	1:40:A:LEU:HD23	1:44:A:GLU:HG2	13	0.47
(34,2140)	1:40:A:LEU:HD11	1:44:A:GLU:H	15	0.47
(34,2140)	1:40:A:LEU:HD12	1:44:A:GLU:H	15	0.47
(34,2140)	1:40:A:LEU:HD13	1:44:A:GLU:H	15	0.47
(34,2140)	1:40:A:LEU:HD21	1:44:A:GLU:H	15	0.47
(34,2140)	1:40:A:LEU:HD22	1:44:A:GLU:H	15	0.47
(34,2140)	1:40:A:LEU:HD23	1:44:A:GLU:H	15	0.47
(34,2137)	1:40:A:LEU:HD11	1:43:A:MET:H	3	0.47
(34,2137)	1:40:A:LEU:HD12	1:43:A:MET:H	3	0.47
(34,2137)	1:40:A:LEU:HD13	1:43:A:MET:H	3	0.47
(34,2137)	1:40:A:LEU:HD21	1:43:A:MET:H	3	0.47
(34,2137)	1:40:A:LEU:HD22	1:43:A:MET:H	3	0.47
(34,2137)	1:40:A:LEU:HD23	1:43:A:MET:H	3	0.47
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD11	3	0.47
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD12	3	0.47
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD13	3	0.47
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD21	3	0.47
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD22	3	0.47
(34,2039)	1:20:A:THR:HB	1:23:A:LEU:HD23	3	0.47
(34,2013)	1:16:A:SER:HB2	1:19:A:ALA:HB1	11	0.47
(34,2013)	1:16:A:SER:HB2	1:19:A:ALA:HB2	11	0.47
(34,2013)	1:16:A:SER:HB2	1:19:A:ALA:HB3	11	0.47
(34,2013)	1:16:A:SER:HB3	1:19:A:ALA:HB1	11	0.47
(34,2013)	1:16:A:SER:HB3	1:19:A:ALA:HB2	11	0.47
(34,2013)	1:16:A:SER:HB3	1:19:A:ALA:HB3	11	0.47
(34,1991)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	15	0.47
(34,1991)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	15	0.47
(34,1991)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	15	0.47
(34,1991)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	15	0.47
(34,1991)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	15	0.47
(34,1991)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	15	0.47
(34,1991)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	15	0.47
(34,1991)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	15	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1991)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	15	0.47
(34,1991)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	15	0.47
(34,1991)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	15	0.47
(34,1991)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	15	0.47
(34,1991)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	15	0.47
(34,1991)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	15	0.47
(34,1991)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	15	0.47
(34,1991)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	15	0.47
(34,1991)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	15	0.47
(34,1991)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	15	0.47
(34,1979)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	8	0.47
(34,1979)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	8	0.47
(34,1979)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	8	0.47
(34,1979)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	8	0.47
(34,1979)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	8	0.47
(34,1979)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	8	0.47
(34,1903)	1:18:A:PHE:HE1	1:57:A:LEU:HG	3	0.47
(34,1903)	1:18:A:PHE:HE2	1:57:A:LEU:HG	3	0.47
(34,1900)	1:18:A:PHE:HE1	1:131:A:LEU:H	6	0.47
(34,1900)	1:18:A:PHE:HE2	1:131:A:LEU:H	6	0.47
(34,1891)	1:104:A:PHE:HE1	1:105:A:LYS:H	17	0.47
(34,1891)	1:104:A:PHE:HE2	1:105:A:LYS:H	17	0.47
(34,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	9	0.47
(34,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	9	0.47
(34,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	9	0.47
(34,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	9	0.47
(34,1837)	1:9:A:PHE:HZ	1:54:A:ARG:HA	10	0.47
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	18	0.47
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	18	0.47
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	18	0.47
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	18	0.47
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	18	0.47
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	18	0.47
(34,1817)	1:104:A:PHE:HE1	1:105:A:LYS:HA	17	0.47
(34,1817)	1:104:A:PHE:HE2	1:105:A:LYS:HA	17	0.47
(34,1775)	1:97:A:ASP:HA	1:105:A:LYS:HG3	14	0.47
(34,1730)	1:13:A:ALA:HA	1:79:A:THR:HG21	18	0.47
(34,1730)	1:13:A:ALA:HA	1:79:A:THR:HG22	18	0.47
(34,1730)	1:13:A:ALA:HA	1:79:A:THR:HG23	18	0.47
(34,1662)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	17	0.47
(34,1662)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	17	0.47
(34,1662)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	17	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1662)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	17	0.47
(34,1662)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	17	0.47
(34,1662)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	17	0.47
(34,1594)	1:61:A:SER:H	1:63:A:ILE:HD11	17	0.47
(34,1594)	1:61:A:SER:H	1:63:A:ILE:HD12	17	0.47
(34,1594)	1:61:A:SER:H	1:63:A:ILE:HD13	17	0.47
(34,1530)	1:69:A:MET:HE1	1:110:A:MET:H	19	0.47
(34,1530)	1:69:A:MET:HE2	1:110:A:MET:H	19	0.47
(34,1530)	1:69:A:MET:HE3	1:110:A:MET:H	19	0.47
(34,1457)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	6	0.47
(34,1457)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	6	0.47
(34,1254)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	10	0.47
(34,1254)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	10	0.47
(34,1254)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	10	0.47
(34,1179)	1:37:A:LEU:HA	1:40:A:LEU:HB3	15	0.47
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD11	19	0.47
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD12	19	0.47
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD13	19	0.47
(34,1041)	1:34:A:LYS:H	1:81:A:GLU:HB2	9	0.47
(34,1017)	1:63:A:ILE:HA	1:64:A:LYS:HD2	16	0.47
(34,1017)	1:63:A:ILE:HA	1:64:A:LYS:HD3	16	0.47
(34,999)	1:46:A:ASN:HB3	1:134:A:VAL:HB	9	0.47
(34,932)	1:44:A:GLU:H	1:44:A:GLU:HG3	4	0.47
(34,899)	1:151:A:PHE:H	1:151:A:PHE:HB3	4	0.47
(34,888)	1:138:A:ASP:HB2	1:141:A:LYS:HB2	14	0.47
(34,888)	1:138:A:ASP:HB2	1:141:A:LYS:HB3	14	0.47
(34,888)	1:138:A:ASP:HB3	1:141:A:LYS:HB2	14	0.47
(34,888)	1:138:A:ASP:HB3	1:141:A:LYS:HB3	14	0.47
(34,867)	1:39:A:VAL:H	1:139:A:LEU:HB2	7	0.47
(34,867)	1:39:A:VAL:H	1:139:A:LEU:HB3	7	0.47
(34,867)	1:39:A:VAL:H	1:139:A:LEU:HB2	17	0.47
(34,867)	1:39:A:VAL:H	1:139:A:LEU:HB3	17	0.47
(34,803)	1:11:A:ILE:HD11	1:47:A:ALA:HB1	6	0.47
(34,803)	1:11:A:ILE:HD11	1:47:A:ALA:HB2	6	0.47
(34,803)	1:11:A:ILE:HD11	1:47:A:ALA:HB3	6	0.47
(34,803)	1:11:A:ILE:HD12	1:47:A:ALA:HB1	6	0.47
(34,803)	1:11:A:ILE:HD12	1:47:A:ALA:HB2	6	0.47
(34,803)	1:11:A:ILE:HD12	1:47:A:ALA:HB3	6	0.47
(34,803)	1:11:A:ILE:HD13	1:47:A:ALA:HB1	6	0.47
(34,803)	1:11:A:ILE:HD13	1:47:A:ALA:HB2	6	0.47
(34,803)	1:11:A:ILE:HD13	1:47:A:ALA:HB3	6	0.47
(34,749)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	18	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,749)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	18	0.47
(34,705)	1:98:A:ILE:H	1:104:A:PHE:H	6	0.47
(34,509)	1:105:A:LYS:H	1:105:A:LYS:HD2	18	0.47
(34,509)	1:105:A:LYS:H	1:105:A:LYS:HD3	18	0.47
(34,303)	1:128:A:LEU:HB3	1:129:A:LYS:H	16	0.47
(34,42)	1:43:A:MET:HA	1:47:A:ALA:H	6	0.47
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD11	9	0.47
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD12	9	0.47
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD13	9	0.47
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD21	9	0.47
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD22	9	0.47
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD23	9	0.47
(33,2069)	1:34:A:LYS:H	1:81:A:GLU:HB2	9	0.47
(33,2069)	1:34:A:LYS:H	1:81:A:GLU:HB3	9	0.47
(33,1892)	1:18:A:PHE:HE1	1:131:A:LEU:H	6	0.47
(33,1892)	1:18:A:PHE:HE2	1:131:A:LEU:H	6	0.47
(33,1802)	1:104:A:PHE:HE1	1:105:A:LYS:HA	17	0.47
(33,1802)	1:104:A:PHE:HE2	1:105:A:LYS:HA	17	0.47
(33,1759)	1:141:A:LYS:HA	1:148:A:CYS:H	15	0.47
(33,1756)	1:140:A:LEU:HD11	1:143:A:TRP:H	10	0.47
(33,1756)	1:140:A:LEU:HD12	1:143:A:TRP:H	10	0.47
(33,1756)	1:140:A:LEU:HD13	1:143:A:TRP:H	10	0.47
(33,1710)	1:13:A:ALA:HA	1:79:A:THR:HG21	10	0.47
(33,1710)	1:13:A:ALA:HA	1:79:A:THR:HG22	10	0.47
(33,1710)	1:13:A:ALA:HA	1:79:A:THR:HG23	10	0.47
(33,1565)	1:61:A:SER:H	1:63:A:ILE:HD11	17	0.47
(33,1565)	1:61:A:SER:H	1:63:A:ILE:HD12	17	0.47
(33,1565)	1:61:A:SER:H	1:63:A:ILE:HD13	17	0.47
(33,1554)	1:11:A:ILE:HD11	1:43:A:MET:H	2	0.47
(33,1554)	1:11:A:ILE:HD12	1:43:A:MET:H	2	0.47
(33,1554)	1:11:A:ILE:HD13	1:43:A:MET:H	2	0.47
(33,1510)	1:69:A:MET:HE1	1:116:A:GLN:HE21	16	0.47
(33,1510)	1:69:A:MET:HE2	1:116:A:GLN:HE21	16	0.47
(33,1510)	1:69:A:MET:HE3	1:116:A:GLN:HE21	16	0.47
(33,1509)	1:69:A:MET:HE1	1:115:A:ALA:H	6	0.47
(33,1509)	1:69:A:MET:HE2	1:115:A:ALA:H	6	0.47
(33,1509)	1:69:A:MET:HE3	1:115:A:ALA:H	6	0.47
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE1	9	0.47
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE2	9	0.47
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE3	9	0.47
(33,1473)	1:101:A:ILE:HG21	1:115:A:ALA:HA	13	0.47
(33,1473)	1:101:A:ILE:HG22	1:115:A:ALA:HA	13	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1473)	1:101:A:ILE:HG23	1:115:A:ALA:HA	13	0.47
(33,1442)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	6	0.47
(33,1442)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	6	0.47
(33,1174)	1:136:A:CYS:HA	1:140:A:LEU:HD11	12	0.47
(33,1174)	1:136:A:CYS:HA	1:140:A:LEU:HD12	12	0.47
(33,1174)	1:136:A:CYS:HA	1:140:A:LEU:HD13	12	0.47
(33,1042)	1:20:A:THR:HG21	1:21:A:THR:HA	6	0.47
(33,1042)	1:20:A:THR:HG22	1:21:A:THR:HA	6	0.47
(33,1042)	1:20:A:THR:HG23	1:21:A:THR:HA	6	0.47
(33,895)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	9	0.47
(33,895)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	9	0.47
(33,895)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	9	0.47
(33,886)	1:138:A:ASP:HB2	1:141:A:LYS:HB2	14	0.47
(33,886)	1:138:A:ASP:HB2	1:141:A:LYS:HB3	14	0.47
(33,886)	1:138:A:ASP:HB3	1:141:A:LYS:HB2	14	0.47
(33,886)	1:138:A:ASP:HB3	1:141:A:LYS:HB3	14	0.47
(33,799)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	14	0.47
(33,799)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	14	0.47
(33,799)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	14	0.47
(33,799)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	14	0.47
(33,799)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	14	0.47
(33,799)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	14	0.47
(33,796)	1:63:A:ILE:HD11	1:117:A:VAL:HB	14	0.47
(33,796)	1:63:A:ILE:HD12	1:117:A:VAL:HB	14	0.47
(33,796)	1:63:A:ILE:HD13	1:117:A:VAL:HB	14	0.47
(33,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	16	0.47
(33,495)	1:105:A:LYS:H	1:105:A:LYS:HG2	10	0.47
(33,254)	1:27:A:ARG:HA	1:29:A:LYS:H	14	0.47
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD11	11	0.47
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD12	11	0.47
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD13	11	0.47
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD21	11	0.47
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD22	11	0.47
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD23	11	0.47
(32,2239)	1:68:A:LYS:H	1:70:A:LYS:HG2	6	0.47
(32,2239)	1:68:A:LYS:H	1:70:A:LYS:HG3	6	0.47
(32,2238)	1:68:A:LYS:H	1:69:A:MET:HG2	18	0.47
(32,2238)	1:68:A:LYS:H	1:69:A:MET:HG3	18	0.47
(32,2161)	1:47:A:ALA:H	1:131:A:LEU:HD11	5	0.47
(32,2161)	1:47:A:ALA:H	1:131:A:LEU:HD12	5	0.47
(32,2161)	1:47:A:ALA:H	1:131:A:LEU:HD13	5	0.47
(32,2161)	1:47:A:ALA:H	1:131:A:LEU:HD21	5	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2161)	1:47:A:ALA:H	1:131:A:LEU:HD22	5	0.47
(32,2161)	1:47:A:ALA:H	1:131:A:LEU:HD23	5	0.47
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	11	0.47
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	11	0.47
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	11	0.47
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	11	0.47
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	11	0.47
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	11	0.47
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	11	0.47
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	11	0.47
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	11	0.47
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	11	0.47
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	11	0.47
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	11	0.47
(32,2142)	1:44:A:GLU:HG2	1:45:A:ALA:H	9	0.47
(32,2142)	1:44:A:GLU:HG3	1:45:A:ALA:H	9	0.47
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD11	10	0.47
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD12	10	0.47
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD13	10	0.47
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD21	10	0.47
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD22	10	0.47
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD23	10	0.47
(32,2093)	1:39:A:VAL:HG11	1:44:A:GLU:H	6	0.47
(32,2093)	1:39:A:VAL:HG12	1:44:A:GLU:H	6	0.47
(32,2093)	1:39:A:VAL:HG13	1:44:A:GLU:H	6	0.47
(32,2093)	1:39:A:VAL:HG21	1:44:A:GLU:H	6	0.47
(32,2093)	1:39:A:VAL:HG22	1:44:A:GLU:H	6	0.47
(32,2093)	1:39:A:VAL:HG23	1:44:A:GLU:H	6	0.47
(32,1975)	1:16:A:SER:HB2	1:19:A:ALA:HB1	11	0.47
(32,1975)	1:16:A:SER:HB2	1:19:A:ALA:HB2	11	0.47
(32,1975)	1:16:A:SER:HB2	1:19:A:ALA:HB3	11	0.47
(32,1975)	1:16:A:SER:HB3	1:19:A:ALA:HB1	11	0.47
(32,1975)	1:16:A:SER:HB3	1:19:A:ALA:HB2	11	0.47
(32,1975)	1:16:A:SER:HB3	1:19:A:ALA:HB3	11	0.47
(32,1955)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	4	0.47
(32,1955)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	4	0.47
(32,1955)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	4	0.47
(32,1955)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	4	0.47
(32,1955)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	4	0.47
(32,1955)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	4	0.47
(32,1858)	1:18:A:PHE:HE1	1:131:A:LEU:H	6	0.47
(32,1858)	1:18:A:PHE:HE2	1:131:A:LEU:H	6	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1830)	1:18:A:PHE:HA	1:113:A:PHE:HE1	13	0.47
(32,1830)	1:18:A:PHE:HA	1:113:A:PHE:HE2	13	0.47
(32,1825)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	15	0.47
(32,1825)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	15	0.47
(32,1821)	1:9:A:PHE:HD1	1:57:A:LEU:HG	4	0.47
(32,1821)	1:9:A:PHE:HD2	1:57:A:LEU:HG	4	0.47
(32,1813)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	9	0.47
(32,1813)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	9	0.47
(32,1813)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	9	0.47
(32,1813)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	9	0.47
(32,1789)	1:9:A:PHE:HZ	1:54:A:ARG:HA	10	0.47
(32,1768)	1:104:A:PHE:HE1	1:105:A:LYS:HA	17	0.47
(32,1768)	1:104:A:PHE:HE2	1:105:A:LYS:HA	17	0.47
(32,1705)	1:36:A:PRO:HA	1:37:A:LEU:HD21	14	0.47
(32,1705)	1:36:A:PRO:HA	1:37:A:LEU:HD22	14	0.47
(32,1705)	1:36:A:PRO:HA	1:37:A:LEU:HD23	14	0.47
(32,1677)	1:13:A:ALA:HA	1:79:A:THR:HG21	10	0.47
(32,1677)	1:13:A:ALA:HA	1:79:A:THR:HG22	10	0.47
(32,1677)	1:13:A:ALA:HA	1:79:A:THR:HG23	10	0.47
(32,1538)	1:61:A:SER:H	1:63:A:ILE:HD11	17	0.47
(32,1538)	1:61:A:SER:H	1:63:A:ILE:HD12	17	0.47
(32,1538)	1:61:A:SER:H	1:63:A:ILE:HD13	17	0.47
(32,1475)	1:69:A:MET:HE1	1:110:A:MET:H	19	0.47
(32,1475)	1:69:A:MET:HE2	1:110:A:MET:H	19	0.47
(32,1475)	1:69:A:MET:HE3	1:110:A:MET:H	19	0.47
(32,1441)	1:101:A:ILE:HG21	1:115:A:ALA:HA	13	0.47
(32,1441)	1:101:A:ILE:HG22	1:115:A:ALA:HA	13	0.47
(32,1441)	1:101:A:ILE:HG23	1:115:A:ALA:HA	13	0.47
(32,1349)	1:49:A:LYS:HG2	1:50:A:ALA:HA	18	0.47
(32,1349)	1:49:A:LYS:HG3	1:50:A:ALA:HA	18	0.47
(32,1032)	1:71:A:LYS:HG3	1:72:A:PHE:HA	11	0.47
(32,869)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	9	0.47
(32,869)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	9	0.47
(32,869)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	9	0.47
(32,792)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	4	0.47
(32,792)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	4	0.47
(32,792)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	4	0.47
(32,792)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	13	0.47
(32,792)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	13	0.47
(32,792)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	13	0.47
(32,792)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	17	0.47
(32,792)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	17	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,792)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	17	0.47
(32,344)	1:104:A:PHE:H	1:104:A:PHE:HD1	13	0.47
(32,344)	1:104:A:PHE:H	1:104:A:PHE:HD2	13	0.47
(32,289)	1:43:A:MET:H	1:43:A:MET:HG3	16	0.47
(32,249)	1:27:A:ARG:HA	1:29:A:LYS:H	14	0.47
(30,2457)	1:140:A:LEU:HD11	1:144:A:LEU:H	2	0.47
(30,2457)	1:140:A:LEU:HD12	1:144:A:LEU:H	2	0.47
(30,2457)	1:140:A:LEU:HD13	1:144:A:LEU:H	2	0.47
(30,2457)	1:140:A:LEU:HD21	1:144:A:LEU:H	2	0.47
(30,2457)	1:140:A:LEU:HD22	1:144:A:LEU:H	2	0.47
(30,2457)	1:140:A:LEU:HD23	1:144:A:LEU:H	2	0.47
(30,2346)	1:107:A:LEU:HD11	1:112:A:GLN:HA	12	0.47
(30,2346)	1:107:A:LEU:HD12	1:112:A:GLN:HA	12	0.47
(30,2346)	1:107:A:LEU:HD13	1:112:A:GLN:HA	12	0.47
(30,2346)	1:107:A:LEU:HD21	1:112:A:GLN:HA	12	0.47
(30,2346)	1:107:A:LEU:HD22	1:112:A:GLN:HA	12	0.47
(30,2346)	1:107:A:LEU:HD23	1:112:A:GLN:HA	12	0.47
(30,2342)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	1	0.47
(30,2342)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	1	0.47
(30,2342)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	1	0.47
(30,2342)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	1	0.47
(30,2342)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	1	0.47
(30,2342)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	1	0.47
(30,2342)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	1	0.47
(30,2342)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	1	0.47
(30,2342)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	1	0.47
(30,2342)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	1	0.47
(30,2342)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	1	0.47
(30,2342)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	1	0.47
(30,2342)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	17	0.47
(30,2342)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	17	0.47
(30,2342)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	17	0.47
(30,2342)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	17	0.47
(30,2342)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	17	0.47
(30,2342)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	17	0.47
(30,2342)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	17	0.47
(30,2342)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	17	0.47
(30,2342)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	17	0.47
(30,2342)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	17	0.47
(30,2342)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	17	0.47
(30,2342)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	17	0.47
(30,2245)	1:68:A:LYS:H	1:70:A:LYS:HG2	6	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2245)	1:68:A:LYS:H	1:70:A:LYS:HG3	6	0.47
(30,2244)	1:68:A:LYS:H	1:69:A:MET:HG2	18	0.47
(30,2244)	1:68:A:LYS:H	1:69:A:MET:HG3	18	0.47
(30,2220)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	13	0.47
(30,2220)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	13	0.47
(30,2220)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	13	0.47
(30,2220)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	13	0.47
(30,2220)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	13	0.47
(30,2220)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	13	0.47
(30,2198)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	12	0.47
(30,2198)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	12	0.47
(30,2198)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	12	0.47
(30,2198)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	12	0.47
(30,2198)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	12	0.47
(30,2198)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	12	0.47
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	11	0.47
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	11	0.47
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	11	0.47
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	11	0.47
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	11	0.47
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	11	0.47
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	11	0.47
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	11	0.47
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	11	0.47
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	11	0.47
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	11	0.47
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	11	0.47
(30,2157)	1:43:A:MET:H	1:43:A:MET:HG2	9	0.47
(30,2157)	1:43:A:MET:H	1:43:A:MET:HG3	9	0.47
(30,2011)	1:16:A:SER:HB2	1:19:A:ALA:HB1	11	0.47
(30,2011)	1:16:A:SER:HB2	1:19:A:ALA:HB2	11	0.47
(30,2011)	1:16:A:SER:HB2	1:19:A:ALA:HB3	11	0.47
(30,2011)	1:16:A:SER:HB3	1:19:A:ALA:HB1	11	0.47
(30,2011)	1:16:A:SER:HB3	1:19:A:ALA:HB2	11	0.47
(30,2011)	1:16:A:SER:HB3	1:19:A:ALA:HB3	11	0.47
(30,1977)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	19	0.47
(30,1977)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	19	0.47
(30,1977)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	19	0.47
(30,1977)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	19	0.47
(30,1977)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	19	0.47
(30,1977)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	19	0.47
(30,1977)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	19	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1977)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	19	0.47
(30,1977)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	19	0.47
(30,1977)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	19	0.47
(30,1977)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	19	0.47
(30,1977)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	19	0.47
(30,1920)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	9	0.47
(30,1920)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	9	0.47
(30,1901)	1:63:A:ILE:HB	1:113:A:PHE:HD1	12	0.47
(30,1901)	1:63:A:ILE:HB	1:113:A:PHE:HD2	12	0.47
(30,1894)	1:18:A:PHE:HE1	1:131:A:LEU:H	6	0.47
(30,1894)	1:18:A:PHE:HE2	1:131:A:LEU:H	6	0.47
(30,1874)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	16	0.47
(30,1874)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	16	0.47
(30,1874)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	16	0.47
(30,1874)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	16	0.47
(30,1874)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	16	0.47
(30,1874)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	16	0.47
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	12	0.47
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	12	0.47
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	12	0.47
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	12	0.47
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	12	0.47
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	12	0.47
(30,1766)	1:39:A:VAL:HG21	1:144:A:LEU:H	15	0.47
(30,1766)	1:39:A:VAL:HG22	1:144:A:LEU:H	15	0.47
(30,1766)	1:39:A:VAL:HG23	1:144:A:LEU:H	15	0.47
(30,1763)	1:43:A:MET:H	1:140:A:LEU:HD21	13	0.47
(30,1763)	1:43:A:MET:H	1:140:A:LEU:HD22	13	0.47
(30,1763)	1:43:A:MET:H	1:140:A:LEU:HD23	13	0.47
(30,1726)	1:13:A:ALA:HA	1:79:A:THR:HG21	18	0.47
(30,1726)	1:13:A:ALA:HA	1:79:A:THR:HG22	18	0.47
(30,1726)	1:13:A:ALA:HA	1:79:A:THR:HG23	18	0.47
(30,1662)	1:69:A:MET:HE1	1:117:A:VAL:HG21	15	0.47
(30,1662)	1:69:A:MET:HE1	1:117:A:VAL:HG22	15	0.47
(30,1662)	1:69:A:MET:HE1	1:117:A:VAL:HG23	15	0.47
(30,1662)	1:69:A:MET:HE2	1:117:A:VAL:HG21	15	0.47
(30,1662)	1:69:A:MET:HE2	1:117:A:VAL:HG22	15	0.47
(30,1662)	1:69:A:MET:HE2	1:117:A:VAL:HG23	15	0.47
(30,1662)	1:69:A:MET:HE3	1:117:A:VAL:HG21	15	0.47
(30,1662)	1:69:A:MET:HE3	1:117:A:VAL:HG22	15	0.47
(30,1662)	1:69:A:MET:HE3	1:117:A:VAL:HG23	15	0.47
(30,1579)	1:61:A:SER:H	1:63:A:ILE:HD11	17	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1579)	1:61:A:SER:H	1:63:A:ILE:HD12	17	0.47
(30,1579)	1:61:A:SER:H	1:63:A:ILE:HD13	17	0.47
(30,1566)	1:11:A:ILE:HD11	1:43:A:MET:H	2	0.47
(30,1566)	1:11:A:ILE:HD12	1:43:A:MET:H	2	0.47
(30,1566)	1:11:A:ILE:HD13	1:43:A:MET:H	2	0.47
(30,1513)	1:69:A:MET:HE1	1:110:A:MET:H	19	0.47
(30,1513)	1:69:A:MET:HE2	1:110:A:MET:H	19	0.47
(30,1513)	1:69:A:MET:HE3	1:110:A:MET:H	19	0.47
(30,1444)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	15	0.47
(30,1444)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	15	0.47
(30,1224)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	10	0.47
(30,1224)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	10	0.47
(30,1224)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	10	0.47
(30,1151)	1:37:A:LEU:HA	1:40:A:LEU:HB3	15	0.47
(30,830)	1:110:A:MET:HG2	1:114:A:ILE:HD11	10	0.47
(30,830)	1:110:A:MET:HG2	1:114:A:ILE:HD12	10	0.47
(30,830)	1:110:A:MET:HG2	1:114:A:ILE:HD13	10	0.47
(30,830)	1:110:A:MET:HG3	1:114:A:ILE:HD11	10	0.47
(30,830)	1:110:A:MET:HG3	1:114:A:ILE:HD12	10	0.47
(30,830)	1:110:A:MET:HG3	1:114:A:ILE:HD13	10	0.47
(30,790)	1:63:A:ILE:HD11	1:117:A:VAL:HB	14	0.47
(30,790)	1:63:A:ILE:HD12	1:117:A:VAL:HB	14	0.47
(30,790)	1:63:A:ILE:HD13	1:117:A:VAL:HB	14	0.47
(30,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	3	0.47
(30,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	3	0.47
(30,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	3	0.47
(30,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	3	0.47
(30,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	3	0.47
(30,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	3	0.47
(30,698)	1:98:A:ILE:H	1:104:A:PHE:H	6	0.47
(30,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	16	0.47
(30,224)	1:9:A:PHE:HE1	1:10:A:ASN:H	12	0.47
(30,224)	1:9:A:PHE:HE2	1:10:A:ASN:H	12	0.47
(30,59)	1:34:A:LYS:H	1:81:A:GLU:H	15	0.47
(30,44)	1:44:A:GLU:HG3	1:47:A:ALA:H	7	0.47
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	7	0.47
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	7	0.47
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	7	0.47
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	7	0.47
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	7	0.47
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	7	0.47
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	7	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	7	0.47
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	7	0.47
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	7	0.47
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	7	0.47
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	7	0.47
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	7	0.47
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	7	0.47
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	7	0.47
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	7	0.47
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	7	0.47
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	7	0.47
(29,2233)	1:68:A:LYS:H	1:69:A:MET:HG2	18	0.47
(29,2233)	1:68:A:LYS:H	1:69:A:MET:HG3	18	0.47
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG11	15	0.47
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG12	15	0.47
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG13	15	0.47
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG21	15	0.47
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG22	15	0.47
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG23	15	0.47
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG11	15	0.47
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG12	15	0.47
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG13	15	0.47
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG21	15	0.47
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG22	15	0.47
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG23	15	0.47
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG11	16	0.47
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG12	16	0.47
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG13	16	0.47
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG21	16	0.47
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG22	16	0.47
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG23	16	0.47
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG11	16	0.47
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG12	16	0.47
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG13	16	0.47
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG21	16	0.47
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG22	16	0.47
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG23	16	0.47
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	10	0.47
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	10	0.47
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	10	0.47
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	10	0.47
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	10	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	10	0.47
(29,2031)	1:16:A:SER:HB2	1:43:A:MET:HE1	19	0.47
(29,2031)	1:16:A:SER:HB2	1:43:A:MET:HE2	19	0.47
(29,2031)	1:16:A:SER:HB2	1:43:A:MET:HE3	19	0.47
(29,2031)	1:16:A:SER:HB3	1:43:A:MET:HE1	19	0.47
(29,2031)	1:16:A:SER:HB3	1:43:A:MET:HE2	19	0.47
(29,2031)	1:16:A:SER:HB3	1:43:A:MET:HE3	19	0.47
(29,2016)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	7	0.47
(29,2016)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	7	0.47
(29,2016)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	7	0.47
(29,2016)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	7	0.47
(29,2016)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	7	0.47
(29,2016)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	7	0.47
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG21	4	0.47
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG22	4	0.47
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG23	4	0.47
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG21	4	0.47
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG22	4	0.47
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG23	4	0.47
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG21	4	0.47
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG22	4	0.47
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG23	4	0.47
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG21	4	0.47
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG22	4	0.47
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG23	4	0.47
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG21	4	0.47
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG22	4	0.47
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG23	4	0.47
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG21	4	0.47
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG22	4	0.47
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG23	4	0.47
(29,1911)	1:18:A:PHE:HE1	1:131:A:LEU:H	6	0.47
(29,1911)	1:18:A:PHE:HE2	1:131:A:LEU:H	6	0.47
(29,1882)	1:18:A:PHE:HA	1:113:A:PHE:HE1	13	0.47
(29,1882)	1:18:A:PHE:HA	1:113:A:PHE:HE2	13	0.47
(29,1828)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	14	0.47
(29,1828)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	14	0.47
(29,1828)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	14	0.47
(29,1828)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	14	0.47
(29,1828)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	14	0.47
(29,1828)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	14	0.47
(29,1826)	1:104:A:PHE:HE1	1:105:A:LYS:HA	17	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1826)	1:104:A:PHE:HE2	1:105:A:LYS:HA	17	0.47
(29,1784)	1:39:A:VAL:HG21	1:144:A:LEU:H	15	0.47
(29,1784)	1:39:A:VAL:HG22	1:144:A:LEU:H	15	0.47
(29,1784)	1:39:A:VAL:HG23	1:144:A:LEU:H	15	0.47
(29,1782)	1:141:A:LYS:HA	1:148:A:CYS:H	15	0.47
(29,1756)	1:18:A:PHE:HB3	1:132:A:ALA:HA	7	0.47
(29,1756)	1:18:A:PHE:HB2	1:132:A:ALA:HA	7	0.47
(29,1713)	1:52:A:CYS:HA	1:124:A:THR:HB	16	0.47
(29,1681)	1:69:A:MET:HE1	1:116:A:GLN:HE21	16	0.47
(29,1681)	1:69:A:MET:HE2	1:116:A:GLN:HE21	16	0.47
(29,1681)	1:69:A:MET:HE3	1:116:A:GLN:HE21	16	0.47
(29,1667)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	17	0.47
(29,1667)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	17	0.47
(29,1667)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	17	0.47
(29,1667)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	17	0.47
(29,1667)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	17	0.47
(29,1667)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	17	0.47
(29,1638)	1:79:A:THR:HB	1:80:A:TYR:HB2	13	0.47
(29,1590)	1:61:A:SER:H	1:63:A:ILE:HD11	17	0.47
(29,1590)	1:61:A:SER:H	1:63:A:ILE:HD12	17	0.47
(29,1590)	1:61:A:SER:H	1:63:A:ILE:HD13	17	0.47
(29,1577)	1:11:A:ILE:HD11	1:43:A:MET:H	2	0.47
(29,1577)	1:11:A:ILE:HD12	1:43:A:MET:H	2	0.47
(29,1577)	1:11:A:ILE:HD13	1:43:A:MET:H	2	0.47
(29,1489)	1:101:A:ILE:HG21	1:115:A:ALA:HA	13	0.47
(29,1489)	1:101:A:ILE:HG22	1:115:A:ALA:HA	13	0.47
(29,1489)	1:101:A:ILE:HG23	1:115:A:ALA:HA	13	0.47
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB2	13	0.47
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB3	13	0.47
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB2	13	0.47
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB3	13	0.47
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB2	13	0.47
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB3	13	0.47
(29,1450)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	6	0.47
(29,1450)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	6	0.47
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG11	14	0.47
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG12	14	0.47
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG13	14	0.47
(29,1165)	1:37:A:LEU:HA	1:40:A:LEU:HB3	15	0.47
(29,1031)	1:34:A:LYS:H	1:81:A:GLU:HB3	9	0.47
(29,1004)	1:63:A:ILE:HA	1:64:A:LYS:HD2	16	0.47
(29,1004)	1:63:A:ILE:HA	1:64:A:LYS:HD3	16	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,921)	1:44:A:GLU:H	1:44:A:GLU:HG3	4	0.47
(29,846)	1:110:A:MET:HG2	1:114:A:ILE:HD11	10	0.47
(29,846)	1:110:A:MET:HG2	1:114:A:ILE:HD12	10	0.47
(29,846)	1:110:A:MET:HG2	1:114:A:ILE:HD13	10	0.47
(29,846)	1:110:A:MET:HG3	1:114:A:ILE:HD11	10	0.47
(29,846)	1:110:A:MET:HG3	1:114:A:ILE:HD12	10	0.47
(29,846)	1:110:A:MET:HG3	1:114:A:ILE:HD13	10	0.47
(29,798)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	3	0.47
(29,798)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	3	0.47
(29,798)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	3	0.47
(29,798)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	3	0.47
(29,798)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	3	0.47
(29,798)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	3	0.47
(29,727)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	15	0.47
(29,727)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	15	0.47
(29,727)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	15	0.47
(29,626)	1:35:A:LEU:H	1:80:A:TYR:HB2	16	0.47
(29,515)	1:105:A:LYS:H	1:106:A:ASP:HB3	17	0.47
(29,351)	1:104:A:PHE:H	1:104:A:PHE:HD1	13	0.47
(29,351)	1:104:A:PHE:H	1:104:A:PHE:HD2	13	0.47
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE1	13	0.47
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE2	13	0.47
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE3	13	0.47
(29,257)	1:27:A:ARG:HA	1:29:A:LYS:H	14	0.47
(29,183)	1:8:A:ASP:H	1:58:A:ILE:HD11	6	0.47
(29,183)	1:8:A:ASP:H	1:58:A:ILE:HD12	6	0.47
(29,183)	1:8:A:ASP:H	1:58:A:ILE:HD13	6	0.47
(29,32)	1:96:A:VAL:H	1:97:A:ASP:H	2	0.47
(23,18)	1:119:A:LEU:N	1:115:A:ALA:O	13	0.47
(23,17)	1:118:A:ASP:N	1:114:A:ILE:O	8	0.47
(23,9)	1:73:A:ILE:N	1:69:A:MET:O	7	0.47
(23,6)	1:59:A:CYS:N	1:55:A:GLY:O	11	0.47
(23,5)	1:58:A:ILE:N	1:54:A:ARG:O	8	0.47
(23,5)	1:58:A:ILE:N	1:54:A:ARG:O	14	0.47
(23,5)	1:58:A:ILE:N	1:54:A:ARG:O	18	0.47
(23,2)	1:39:A:VAL:N	1:36:A:PRO:O	1	0.47
(23,1)	1:17:A:ASN:N	1:13:A:ALA:O	4	0.47
(23,1)	1:17:A:ASN:N	1:13:A:ALA:O	10	0.47
(22,39)	1:128:A:LEU:H	1:124:A:THR:C	3	0.47
(22,34)	1:118:A:ASP:N	1:114:A:ILE:C	18	0.47
(22,22)	1:107:A:LEU:N	1:103:A:ARG:C	16	0.47
(22,15)	1:61:A:SER:H	1:57:A:LEU:C	5	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(22,15)	1:61:A:SER:H	1:57:A:LEU:C	7	0.47
(22,15)	1:61:A:SER:H	1:57:A:LEU:C	12	0.47
(22,15)	1:61:A:SER:H	1:57:A:LEU:C	14	0.47
(22,6)	1:44:A:GLU:N	1:40:A:LEU:C	13	0.47
(22,3)	1:39:A:VAL:H	1:36:A:PRO:C	4	0.47
(22,3)	1:39:A:VAL:H	1:36:A:PRO:C	14	0.47
(22,2)	1:17:A:ASN:N	1:13:A:ALA:C	18	0.47
(18,2415)	1:134:A:VAL:HG11	1:137:A:SER:H	18	0.47
(18,2415)	1:134:A:VAL:HG12	1:137:A:SER:H	18	0.47
(18,2415)	1:134:A:VAL:HG13	1:137:A:SER:H	18	0.47
(18,2415)	1:134:A:VAL:HG21	1:137:A:SER:H	18	0.47
(18,2415)	1:134:A:VAL:HG22	1:137:A:SER:H	18	0.47
(18,2415)	1:134:A:VAL:HG23	1:137:A:SER:H	18	0.47
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD11	4	0.47
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD12	4	0.47
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD13	4	0.47
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD21	4	0.47
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD22	4	0.47
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD23	4	0.47
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD11	4	0.47
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD12	4	0.47
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD13	4	0.47
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD21	4	0.47
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD22	4	0.47
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD23	4	0.47
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD11	4	0.47
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD12	4	0.47
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD13	4	0.47
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD21	4	0.47
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD22	4	0.47
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD23	4	0.47
(18,2277)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	6	0.47
(18,2277)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	6	0.47
(18,2277)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	6	0.47
(18,2277)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	6	0.47
(18,2277)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	6	0.47
(18,2277)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	6	0.47
(18,2247)	1:68:A:LYS:H	1:69:A:MET:HG2	18	0.47
(18,2247)	1:68:A:LYS:H	1:69:A:MET:HG3	18	0.47
(18,2231)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	13	0.47
(18,2231)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	13	0.47
(18,2231)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	13	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2231)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	13	0.47
(18,2231)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	13	0.47
(18,2231)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	13	0.47
(18,2173)	1:47:A:ALA:H	1:131:A:LEU:HD11	5	0.47
(18,2173)	1:47:A:ALA:H	1:131:A:LEU:HD12	5	0.47
(18,2173)	1:47:A:ALA:H	1:131:A:LEU:HD13	5	0.47
(18,2173)	1:47:A:ALA:H	1:131:A:LEU:HD21	5	0.47
(18,2173)	1:47:A:ALA:H	1:131:A:LEU:HD22	5	0.47
(18,2173)	1:47:A:ALA:H	1:131:A:LEU:HD23	5	0.47
(18,2151)	1:44:A:GLU:HG2	1:45:A:ALA:H	9	0.47
(18,2151)	1:44:A:GLU:HG3	1:45:A:ALA:H	9	0.47
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG11	5	0.47
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG12	5	0.47
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG13	5	0.47
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG21	5	0.47
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG22	5	0.47
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG23	5	0.47
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG11	5	0.47
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG12	5	0.47
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG13	5	0.47
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG21	5	0.47
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG22	5	0.47
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG23	5	0.47
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG11	5	0.47
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG12	5	0.47
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG13	5	0.47
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG21	5	0.47
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG22	5	0.47
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG23	5	0.47
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD11	14	0.47
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD12	14	0.47
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD13	14	0.47
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD21	14	0.47
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD22	14	0.47
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD23	14	0.47
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD11	14	0.47
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD12	14	0.47
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD13	14	0.47
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD21	14	0.47
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD22	14	0.47
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD23	14	0.47
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD11	3	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD12	3	0.47
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD13	3	0.47
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD21	3	0.47
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD22	3	0.47
(18,2029)	1:20:A:THR:HB	1:23:A:LEU:HD23	3	0.47
(18,1959)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	8	0.47
(18,1959)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	8	0.47
(18,1959)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	8	0.47
(18,1959)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	8	0.47
(18,1959)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	8	0.47
(18,1959)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	8	0.47
(18,1881)	1:18:A:PHE:HE1	1:131:A:LEU:H	6	0.47
(18,1881)	1:18:A:PHE:HE2	1:131:A:LEU:H	6	0.47
(18,1871)	1:104:A:PHE:HE1	1:105:A:LYS:H	17	0.47
(18,1871)	1:104:A:PHE:HE2	1:105:A:LYS:H	17	0.47
(18,1812)	1:9:A:PHE:HZ	1:54:A:ARG:HA	10	0.47
(18,1789)	1:104:A:PHE:HE1	1:105:A:LYS:HA	17	0.47
(18,1789)	1:104:A:PHE:HE2	1:105:A:LYS:HA	17	0.47
(18,1778)	1:68:A:LYS:HA	1:72:A:PHE:HD1	5	0.47
(18,1778)	1:68:A:LYS:HA	1:72:A:PHE:HD2	5	0.47
(18,1704)	1:13:A:ALA:HA	1:79:A:THR:HG21	10	0.47
(18,1704)	1:13:A:ALA:HA	1:79:A:THR:HG22	10	0.47
(18,1704)	1:13:A:ALA:HA	1:79:A:THR:HG23	10	0.47
(18,1684)	1:43:A:MET:HE1	1:131:A:LEU:HB3	11	0.47
(18,1684)	1:43:A:MET:HE2	1:131:A:LEU:HB3	11	0.47
(18,1684)	1:43:A:MET:HE3	1:131:A:LEU:HB3	11	0.47
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB2	14	0.47
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB3	14	0.47
(18,1644)	1:69:A:MET:HE1	1:116:A:GLN:HE21	16	0.47
(18,1644)	1:69:A:MET:HE2	1:116:A:GLN:HE21	16	0.47
(18,1644)	1:69:A:MET:HE3	1:116:A:GLN:HE21	16	0.47
(18,1561)	1:61:A:SER:H	1:63:A:ILE:HD11	17	0.47
(18,1561)	1:61:A:SER:H	1:63:A:ILE:HD12	17	0.47
(18,1561)	1:61:A:SER:H	1:63:A:ILE:HD13	17	0.47
(18,1528)	1:110:A:MET:HE1	1:114:A:ILE:HG12	13	0.47
(18,1528)	1:110:A:MET:HE2	1:114:A:ILE:HG12	13	0.47
(18,1528)	1:110:A:MET:HE3	1:114:A:ILE:HG12	13	0.47
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE1	2	0.47
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE2	2	0.47
(18,1505)	1:11:A:ILE:HD11	1:43:A:MET:HE3	2	0.47
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE1	2	0.47
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE2	2	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1505)	1:11:A:ILE:HD12	1:43:A:MET:HE3	2	0.47
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE1	2	0.47
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE2	2	0.47
(18,1505)	1:11:A:ILE:HD13	1:43:A:MET:HE3	2	0.47
(18,1438)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	6	0.47
(18,1438)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	6	0.47
(18,1316)	1:107:A:LEU:HA	1:108:A:GLU:HG2	1	0.47
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	10	0.47
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	10	0.47
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	10	0.47
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	13	0.47
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	13	0.47
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	13	0.47
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	13	0.47
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	13	0.47
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	13	0.47
(18,1002)	1:63:A:ILE:HA	1:64:A:LYS:HD2	16	0.47
(18,1002)	1:63:A:ILE:HA	1:64:A:LYS:HD3	16	0.47
(18,944)	1:73:A:ILE:HD11	1:112:A:GLN:HG2	4	0.47
(18,944)	1:73:A:ILE:HD11	1:112:A:GLN:HG3	4	0.47
(18,944)	1:73:A:ILE:HD12	1:112:A:GLN:HG2	4	0.47
(18,944)	1:73:A:ILE:HD12	1:112:A:GLN:HG3	4	0.47
(18,944)	1:73:A:ILE:HD13	1:112:A:GLN:HG2	4	0.47
(18,944)	1:73:A:ILE:HD13	1:112:A:GLN:HG3	4	0.47
(18,887)	1:138:A:ASP:HB2	1:141:A:LYS:HB2	14	0.47
(18,887)	1:138:A:ASP:HB2	1:141:A:LYS:HB3	14	0.47
(18,887)	1:138:A:ASP:HB3	1:141:A:LYS:HB2	14	0.47
(18,887)	1:138:A:ASP:HB3	1:141:A:LYS:HB3	14	0.47
(18,842)	1:69:A:MET:HE1	1:114:A:ILE:HD11	6	0.47
(18,842)	1:69:A:MET:HE1	1:114:A:ILE:HD12	6	0.47
(18,842)	1:69:A:MET:HE1	1:114:A:ILE:HD13	6	0.47
(18,842)	1:69:A:MET:HE2	1:114:A:ILE:HD11	6	0.47
(18,842)	1:69:A:MET:HE2	1:114:A:ILE:HD12	6	0.47
(18,842)	1:69:A:MET:HE2	1:114:A:ILE:HD13	6	0.47
(18,842)	1:69:A:MET:HE3	1:114:A:ILE:HD11	6	0.47
(18,842)	1:69:A:MET:HE3	1:114:A:ILE:HD12	6	0.47
(18,842)	1:69:A:MET:HE3	1:114:A:ILE:HD13	6	0.47
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	10	0.47
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	10	0.47
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	10	0.47
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	10	0.47
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	10	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	10	0.47
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	10	0.47
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	10	0.47
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	10	0.47
(18,807)	1:63:A:ILE:HD11	1:117:A:VAL:HB	14	0.47
(18,807)	1:63:A:ILE:HD12	1:117:A:VAL:HB	14	0.47
(18,807)	1:63:A:ILE:HD13	1:117:A:VAL:HB	14	0.47
(18,758)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	18	0.47
(18,758)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	18	0.47
(18,239)	1:112:A:GLN:HG2	1:114:A:ILE:H	1	0.47
(18,239)	1:112:A:GLN:HG3	1:114:A:ILE:H	1	0.47
(18,228)	1:9:A:PHE:HE1	1:10:A:ASN:H	12	0.47
(18,228)	1:9:A:PHE:HE2	1:10:A:ASN:H	12	0.47
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD11	3	0.47
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD12	3	0.47
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD13	3	0.47
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD11	17	0.47
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD12	17	0.47
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD13	17	0.47
(17,2358)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	2	0.47
(17,2358)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	2	0.47
(17,2358)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	2	0.47
(17,2358)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	2	0.47
(17,2358)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	2	0.47
(17,2358)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	2	0.47
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG11	14	0.47
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG12	14	0.47
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG13	14	0.47
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG21	14	0.47
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG22	14	0.47
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG23	14	0.47
(17,2073)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	6	0.47
(17,2073)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	6	0.47
(17,2073)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	6	0.47
(17,2073)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	6	0.47
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD11	2	0.47
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD12	2	0.47
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD13	2	0.47
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD21	2	0.47
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD22	2	0.47
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD23	2	0.47
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD11	4	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD12	4	0.47
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD13	4	0.47
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD21	4	0.47
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD22	4	0.47
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD23	4	0.47
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD11	13	0.47
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD12	13	0.47
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD13	13	0.47
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD21	13	0.47
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD22	13	0.47
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD23	13	0.47
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD11	19	0.47
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD12	19	0.47
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD13	19	0.47
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD21	19	0.47
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD22	19	0.47
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD23	19	0.47
(17,1900)	1:104:A:PHE:HE1	1:105:A:LYS:H	17	0.47
(17,1900)	1:104:A:PHE:HE2	1:105:A:LYS:H	17	0.47
(17,1851)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	12	0.47
(17,1851)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	12	0.47
(17,1819)	1:104:A:PHE:HE1	1:105:A:LYS:HA	17	0.47
(17,1819)	1:104:A:PHE:HE2	1:105:A:LYS:HA	17	0.47
(17,1808)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	15	0.47
(17,1808)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	15	0.47
(17,1808)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	15	0.47
(17,1808)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	15	0.47
(17,1808)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	15	0.47
(17,1808)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	15	0.47
(17,1778)	1:39:A:VAL:HG21	1:144:A:LEU:H	15	0.47
(17,1778)	1:39:A:VAL:HG22	1:144:A:LEU:H	15	0.47
(17,1778)	1:39:A:VAL:HG23	1:144:A:LEU:H	15	0.47
(17,1657)	1:18:A:PHE:HZ	1:60:A:LEU:HA	17	0.47
(17,1594)	1:61:A:SER:H	1:63:A:ILE:HD11	17	0.47
(17,1594)	1:61:A:SER:H	1:63:A:ILE:HD12	17	0.47
(17,1594)	1:61:A:SER:H	1:63:A:ILE:HD13	17	0.47
(17,1571)	1:138:A:ASP:HB2	1:139:A:LEU:HD21	19	0.47
(17,1571)	1:138:A:ASP:HB2	1:139:A:LEU:HD22	19	0.47
(17,1571)	1:138:A:ASP:HB2	1:139:A:LEU:HD23	19	0.47
(17,1571)	1:138:A:ASP:HB3	1:139:A:LEU:HD21	19	0.47
(17,1571)	1:138:A:ASP:HB3	1:139:A:LEU:HD22	19	0.47
(17,1571)	1:138:A:ASP:HB3	1:139:A:LEU:HD23	19	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD21	19	0.47
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD22	19	0.47
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD23	19	0.47
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD11	10	0.47
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD12	10	0.47
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD13	10	0.47
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD11	10	0.47
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD12	10	0.47
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD13	10	0.47
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD11	10	0.47
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD12	10	0.47
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD13	10	0.47
(17,1337)	1:107:A:LEU:HA	1:108:A:GLU:HG2	1	0.47
(17,1262)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	14	0.47
(17,1262)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	14	0.47
(17,1262)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	14	0.47
(17,1262)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	14	0.47
(17,1262)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	14	0.47
(17,1262)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	14	0.47
(17,1262)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	14	0.47
(17,1262)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	14	0.47
(17,1262)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	14	0.47
(17,1177)	1:140:A:LEU:HD21	1:144:A:LEU:H	6	0.47
(17,1177)	1:140:A:LEU:HD22	1:144:A:LEU:H	6	0.47
(17,1177)	1:140:A:LEU:HD23	1:144:A:LEU:H	6	0.47
(17,1023)	1:34:A:LYS:H	1:81:A:GLU:HB3	9	0.47
(17,698)	1:98:A:ILE:H	1:104:A:PHE:H	16	0.47
(17,599)	1:55:A:GLY:H	1:122:A:ASP:HB3	5	0.47
(17,219)	1:9:A:PHE:HE1	1:10:A:ASN:H	12	0.47
(17,219)	1:9:A:PHE:HE2	1:10:A:ASN:H	12	0.47
(17,176)	1:8:A:ASP:H	1:58:A:ILE:HD11	6	0.47
(17,176)	1:8:A:ASP:H	1:58:A:ILE:HD12	6	0.47
(17,176)	1:8:A:ASP:H	1:58:A:ILE:HD13	6	0.47
(17,160)	1:127:A:CYS:H	1:128:A:LEU:HG	14	0.47
(16,2331)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	15	0.47
(16,2331)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	15	0.47
(16,2331)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	15	0.47
(16,2331)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	15	0.47
(16,2331)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	15	0.47
(16,2331)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	15	0.47
(16,2329)	1:107:A:LEU:HD11	1:112:A:GLN:HA	12	0.47
(16,2329)	1:107:A:LEU:HD12	1:112:A:GLN:HA	12	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2329)	1:107:A:LEU:HD13	1:112:A:GLN:HA	12	0.47
(16,2329)	1:107:A:LEU:HD21	1:112:A:GLN:HA	12	0.47
(16,2329)	1:107:A:LEU:HD22	1:112:A:GLN:HA	12	0.47
(16,2329)	1:107:A:LEU:HD23	1:112:A:GLN:HA	12	0.47
(16,2234)	1:68:A:LYS:H	1:69:A:MET:HG2	18	0.47
(16,2234)	1:68:A:LYS:H	1:69:A:MET:HG3	18	0.47
(16,2157)	1:44:A:GLU:HG2	1:45:A:ALA:H	9	0.47
(16,2157)	1:44:A:GLU:HG3	1:45:A:ALA:H	9	0.47
(16,2144)	1:41:A:LYS:HA	1:44:A:GLU:HG2	11	0.47
(16,2144)	1:41:A:LYS:HA	1:44:A:GLU:HG3	11	0.47
(16,2095)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	1	0.47
(16,2095)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	1	0.47
(16,2095)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	1	0.47
(16,2095)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	1	0.47
(16,2095)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	1	0.47
(16,2095)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	1	0.47
(16,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB2	12	0.47
(16,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB2	12	0.47
(16,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB2	12	0.47
(16,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB2	12	0.47
(16,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB2	12	0.47
(16,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB2	12	0.47
(16,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB3	12	0.47
(16,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB3	12	0.47
(16,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB3	12	0.47
(16,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB3	12	0.47
(16,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB3	12	0.47
(16,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB3	12	0.47
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD11	3	0.47
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD12	3	0.47
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD13	3	0.47
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD21	3	0.47
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD22	3	0.47
(16,2027)	1:20:A:THR:HB	1:23:A:LEU:HD23	3	0.47
(16,1841)	1:9:A:PHE:HD1	1:57:A:LEU:HG	4	0.47
(16,1841)	1:9:A:PHE:HD2	1:57:A:LEU:HG	4	0.47
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	16	0.47
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	16	0.47
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	16	0.47
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	16	0.47
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	16	0.47
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	16	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1784)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	15	0.47
(16,1784)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	15	0.47
(16,1784)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	15	0.47
(16,1784)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	15	0.47
(16,1784)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	15	0.47
(16,1784)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	15	0.47
(16,1756)	1:39:A:VAL:HG21	1:144:A:LEU:H	15	0.47
(16,1756)	1:39:A:VAL:HG22	1:144:A:LEU:H	15	0.47
(16,1756)	1:39:A:VAL:HG23	1:144:A:LEU:H	15	0.47
(16,1712)	1:13:A:ALA:HA	1:79:A:THR:HG21	10	0.47
(16,1712)	1:13:A:ALA:HA	1:79:A:THR:HG22	10	0.47
(16,1712)	1:13:A:ALA:HA	1:79:A:THR:HG23	10	0.47
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB2	14	0.47
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB3	14	0.47
(16,1557)	1:11:A:ILE:HD11	1:18:A:PHE:HD1	4	0.47
(16,1557)	1:11:A:ILE:HD11	1:18:A:PHE:HD2	4	0.47
(16,1557)	1:11:A:ILE:HD12	1:18:A:PHE:HD1	4	0.47
(16,1557)	1:11:A:ILE:HD12	1:18:A:PHE:HD2	4	0.47
(16,1557)	1:11:A:ILE:HD13	1:18:A:PHE:HD1	4	0.47
(16,1557)	1:11:A:ILE:HD13	1:18:A:PHE:HD2	4	0.47
(16,1418)	1:69:A:MET:HA	1:73:A:ILE:HG21	7	0.47
(16,1418)	1:69:A:MET:HA	1:73:A:ILE:HG22	7	0.47
(16,1418)	1:69:A:MET:HA	1:73:A:ILE:HG23	7	0.47
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD11	1	0.47
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD12	1	0.47
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD13	1	0.47
(16,1061)	1:11:A:ILE:HA	1:14:A:VAL:HB	8	0.47
(16,884)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	5	0.47
(16,884)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	5	0.47
(16,803)	1:63:A:ILE:HD11	1:117:A:VAL:HB	14	0.47
(16,803)	1:63:A:ILE:HD12	1:117:A:VAL:HB	14	0.47
(16,803)	1:63:A:ILE:HD13	1:117:A:VAL:HB	14	0.47
(16,753)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	18	0.47
(16,753)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	18	0.47
(16,705)	1:98:A:ILE:H	1:104:A:PHE:H	6	0.47
(16,626)	1:35:A:LEU:H	1:80:A:TYR:HB2	16	0.47
(16,587)	1:126:A:GLY:H	1:128:A:LEU:HG	11	0.47
(16,580)	1:42:A:GLU:HB3	1:46:A:ASN:HD21	15	0.47
(16,513)	1:70:A:LYS:HE2	1:71:A:LYS:H	8	0.47
(16,513)	1:70:A:LYS:HE3	1:71:A:LYS:H	8	0.47
(16,262)	1:27:A:ARG:HA	1:29:A:LYS:H	14	0.47
(16,251)	1:23:A:LEU:HD21	1:24:A:ASP:H	12	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,251)	1:23:A:LEU:HD22	1:24:A:ASP:H	12	0.47
(16,251)	1:23:A:LEU:HD23	1:24:A:ASP:H	12	0.47
(16,88)	1:151:A:PHE:H	1:151:A:PHE:HB3	4	0.47
(15,2493)	1:144:A:LEU:HD11	1:147:A:ARG:HA	5	0.47
(15,2493)	1:144:A:LEU:HD12	1:147:A:ARG:HA	5	0.47
(15,2493)	1:144:A:LEU:HD13	1:147:A:ARG:HA	5	0.47
(15,2493)	1:144:A:LEU:HD21	1:147:A:ARG:HA	5	0.47
(15,2493)	1:144:A:LEU:HD22	1:147:A:ARG:HA	5	0.47
(15,2493)	1:144:A:LEU:HD23	1:147:A:ARG:HA	5	0.47
(15,2279)	1:96:A:VAL:HG11	1:116:A:GLN:HG2	10	0.47
(15,2279)	1:96:A:VAL:HG12	1:116:A:GLN:HG2	10	0.47
(15,2279)	1:96:A:VAL:HG13	1:116:A:GLN:HG2	10	0.47
(15,2279)	1:96:A:VAL:HG21	1:116:A:GLN:HG2	10	0.47
(15,2279)	1:96:A:VAL:HG22	1:116:A:GLN:HG2	10	0.47
(15,2279)	1:96:A:VAL:HG23	1:116:A:GLN:HG2	10	0.47
(15,2223)	1:68:A:LYS:H	1:70:A:LYS:HG2	6	0.47
(15,2223)	1:68:A:LYS:H	1:70:A:LYS:HG3	6	0.47
(15,2222)	1:68:A:LYS:H	1:69:A:MET:HG2	18	0.47
(15,2222)	1:68:A:LYS:H	1:69:A:MET:HG3	18	0.47
(15,2196)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	13	0.47
(15,2196)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	13	0.47
(15,2196)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	13	0.47
(15,2196)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	13	0.47
(15,2196)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	13	0.47
(15,2196)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	13	0.47
(15,2172)	1:57:A:LEU:HG	1:60:A:LEU:HD11	6	0.47
(15,2172)	1:57:A:LEU:HG	1:60:A:LEU:HD12	6	0.47
(15,2172)	1:57:A:LEU:HG	1:60:A:LEU:HD13	6	0.47
(15,2172)	1:57:A:LEU:HG	1:60:A:LEU:HD21	6	0.47
(15,2172)	1:57:A:LEU:HG	1:60:A:LEU:HD22	6	0.47
(15,2172)	1:57:A:LEU:HG	1:60:A:LEU:HD23	6	0.47
(15,2128)	1:44:A:GLU:HG2	1:45:A:ALA:H	9	0.47
(15,2128)	1:44:A:GLU:HG3	1:45:A:ALA:H	9	0.47
(15,2021)	1:28:A:GLY:HA2	1:30:A:LEU:HD11	19	0.47
(15,2021)	1:28:A:GLY:HA2	1:30:A:LEU:HD12	19	0.47
(15,2021)	1:28:A:GLY:HA2	1:30:A:LEU:HD13	19	0.47
(15,2021)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	19	0.47
(15,2021)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	19	0.47
(15,2021)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	19	0.47
(15,2021)	1:28:A:GLY:HA3	1:30:A:LEU:HD11	19	0.47
(15,2021)	1:28:A:GLY:HA3	1:30:A:LEU:HD12	19	0.47
(15,2021)	1:28:A:GLY:HA3	1:30:A:LEU:HD13	19	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2021)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	19	0.47
(15,2021)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	19	0.47
(15,2021)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	19	0.47
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD11	2	0.47
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD12	2	0.47
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD13	2	0.47
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD21	2	0.47
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD22	2	0.47
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD23	2	0.47
(15,1843)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	15	0.47
(15,1843)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	15	0.47
(15,1839)	1:9:A:PHE:HD1	1:57:A:LEU:HG	4	0.47
(15,1839)	1:9:A:PHE:HD2	1:57:A:LEU:HG	4	0.47
(15,1808)	1:9:A:PHE:HZ	1:54:A:ARG:HA	10	0.47
(15,1799)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	1	0.47
(15,1799)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	1	0.47
(15,1791)	1:104:A:PHE:HE1	1:105:A:LYS:HA	17	0.47
(15,1791)	1:104:A:PHE:HE2	1:105:A:LYS:HA	17	0.47
(15,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	15	0.47
(15,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	15	0.47
(15,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	15	0.47
(15,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	15	0.47
(15,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	15	0.47
(15,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	15	0.47
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG21	5	0.47
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG22	5	0.47
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG23	5	0.47
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG21	5	0.47
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG22	5	0.47
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG23	5	0.47
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG21	5	0.47
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG22	5	0.47
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG23	5	0.47
(15,1709)	1:13:A:ALA:HA	1:79:A:THR:HG21	18	0.47
(15,1709)	1:13:A:ALA:HA	1:79:A:THR:HG22	18	0.47
(15,1709)	1:13:A:ALA:HA	1:79:A:THR:HG23	18	0.47
(15,1634)	1:18:A:PHE:HZ	1:60:A:LEU:HA	17	0.47
(15,1569)	1:61:A:SER:H	1:63:A:ILE:HD11	17	0.47
(15,1569)	1:61:A:SER:H	1:63:A:ILE:HD12	17	0.47
(15,1569)	1:61:A:SER:H	1:63:A:ILE:HD13	17	0.47
(15,1557)	1:11:A:ILE:HD11	1:43:A:MET:H	2	0.47
(15,1557)	1:11:A:ILE:HD12	1:43:A:MET:H	2	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1557)	1:11:A:ILE:HD13	1:43:A:MET:H	2	0.47
(15,1506)	1:69:A:MET:HE1	1:110:A:MET:H	19	0.47
(15,1506)	1:69:A:MET:HE2	1:110:A:MET:H	19	0.47
(15,1506)	1:69:A:MET:HE3	1:110:A:MET:H	19	0.47
(15,1473)	1:101:A:ILE:HG21	1:115:A:ALA:HA	13	0.47
(15,1473)	1:101:A:ILE:HG22	1:115:A:ALA:HA	13	0.47
(15,1473)	1:101:A:ILE:HG23	1:115:A:ALA:HA	13	0.47
(15,1440)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	6	0.47
(15,1440)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	6	0.47
(15,1260)	1:12:A:VAL:HG11	1:40:A:LEU:HA	18	0.47
(15,1260)	1:12:A:VAL:HG12	1:40:A:LEU:HA	18	0.47
(15,1260)	1:12:A:VAL:HG13	1:40:A:LEU:HA	18	0.47
(15,1257)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	14	0.47
(15,1257)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	14	0.47
(15,1257)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	14	0.47
(15,1257)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	14	0.47
(15,1257)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	14	0.47
(15,1257)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	14	0.47
(15,1257)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	14	0.47
(15,1257)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	14	0.47
(15,1257)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	14	0.47
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD11	19	0.47
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD12	19	0.47
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD13	19	0.47
(15,883)	1:151:A:PHE:H	1:151:A:PHE:HB3	18	0.47
(15,836)	1:110:A:MET:HG2	1:114:A:ILE:HD11	10	0.47
(15,836)	1:110:A:MET:HG2	1:114:A:ILE:HD12	10	0.47
(15,836)	1:110:A:MET:HG2	1:114:A:ILE:HD13	10	0.47
(15,836)	1:110:A:MET:HG3	1:114:A:ILE:HD11	10	0.47
(15,836)	1:110:A:MET:HG3	1:114:A:ILE:HD12	10	0.47
(15,836)	1:110:A:MET:HG3	1:114:A:ILE:HD13	10	0.47
(15,800)	1:63:A:ILE:HD11	1:117:A:VAL:HB	14	0.47
(15,800)	1:63:A:ILE:HD12	1:117:A:VAL:HB	14	0.47
(15,800)	1:63:A:ILE:HD13	1:117:A:VAL:HB	14	0.47
(15,788)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	3	0.47
(15,788)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	3	0.47
(15,788)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	3	0.47
(15,788)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	3	0.47
(15,788)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	3	0.47
(15,788)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	3	0.47
(15,675)	1:63:A:ILE:HG12	1:117:A:VAL:H	4	0.47
(15,596)	1:75:A:GLY:H	1:76:A:ARG:HG2	1	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,596)	1:75:A:GLY:H	1:76:A:ARG:HG3	1	0.47
(15,356)	1:104:A:PHE:H	1:104:A:PHE:HD1	13	0.47
(15,356)	1:104:A:PHE:H	1:104:A:PHE:HD2	13	0.47
(15,182)	1:8:A:ASP:H	1:58:A:ILE:HD11	6	0.47
(15,182)	1:8:A:ASP:H	1:58:A:ILE:HD12	6	0.47
(15,182)	1:8:A:ASP:H	1:58:A:ILE:HD13	6	0.47
(15,164)	1:127:A:CYS:H	1:128:A:LEU:HG	14	0.47
(15,63)	1:34:A:LYS:H	1:81:A:GLU:H	15	0.47
(13,2394)	1:129:A:LYS:HG2	1:130:A:GLY:H	1	0.47
(13,2394)	1:129:A:LYS:HG3	1:130:A:GLY:H	1	0.47
(13,2311)	1:107:A:LEU:HD11	1:112:A:GLN:HA	12	0.47
(13,2311)	1:107:A:LEU:HD12	1:112:A:GLN:HA	12	0.47
(13,2311)	1:107:A:LEU:HD13	1:112:A:GLN:HA	12	0.47
(13,2311)	1:107:A:LEU:HD21	1:112:A:GLN:HA	12	0.47
(13,2311)	1:107:A:LEU:HD22	1:112:A:GLN:HA	12	0.47
(13,2311)	1:107:A:LEU:HD23	1:112:A:GLN:HA	12	0.47
(13,2210)	1:68:A:LYS:H	1:69:A:MET:HG2	18	0.47
(13,2210)	1:68:A:LYS:H	1:69:A:MET:HG3	18	0.47
(13,2197)	1:65:A:CYS:HB2	1:70:A:LYS:HA	8	0.47
(13,2197)	1:65:A:CYS:HB3	1:70:A:LYS:HA	8	0.47
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG11	15	0.47
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG12	15	0.47
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG13	15	0.47
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG21	15	0.47
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG22	15	0.47
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG23	15	0.47
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG11	15	0.47
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG12	15	0.47
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG13	15	0.47
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG21	15	0.47
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG22	15	0.47
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG23	15	0.47
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG11	16	0.47
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG12	16	0.47
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG13	16	0.47
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG21	16	0.47
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG22	16	0.47
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG23	16	0.47
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG11	16	0.47
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG12	16	0.47
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG13	16	0.47
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG21	16	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG22	16	0.47
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG23	16	0.47
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	11	0.47
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	11	0.47
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	11	0.47
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	11	0.47
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	11	0.47
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	11	0.47
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	11	0.47
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	11	0.47
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	11	0.47
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	11	0.47
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	11	0.47
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	11	0.47
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD11	17	0.47
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD12	17	0.47
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD13	17	0.47
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD21	17	0.47
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD22	17	0.47
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD23	17	0.47
(13,2102)	1:44:A:GLU:HG2	1:45:A:ALA:H	9	0.47
(13,2102)	1:44:A:GLU:HG3	1:45:A:ALA:H	9	0.47
(13,2003)	1:23:A:LEU:HD11	1:27:A:ARG:HB2	15	0.47
(13,2003)	1:23:A:LEU:HD12	1:27:A:ARG:HB2	15	0.47
(13,2003)	1:23:A:LEU:HD13	1:27:A:ARG:HB2	15	0.47
(13,2003)	1:23:A:LEU:HD21	1:27:A:ARG:HB2	15	0.47
(13,2003)	1:23:A:LEU:HD22	1:27:A:ARG:HB2	15	0.47
(13,2003)	1:23:A:LEU:HD23	1:27:A:ARG:HB2	15	0.47
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD11	3	0.47
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD12	3	0.47
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD13	3	0.47
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD21	3	0.47
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD22	3	0.47
(13,1993)	1:20:A:THR:HB	1:23:A:LEU:HD23	3	0.47
(13,1950)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	9	0.47
(13,1950)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	9	0.47
(13,1950)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	9	0.47
(13,1950)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	9	0.47
(13,1950)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	9	0.47
(13,1950)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	9	0.47
(13,1950)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	9	0.47
(13,1950)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	9	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1950)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	9	0.47
(13,1950)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	9	0.47
(13,1950)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	9	0.47
(13,1950)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	9	0.47
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG21	4	0.47
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG22	4	0.47
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG23	4	0.47
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG21	4	0.47
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG22	4	0.47
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG23	4	0.47
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG21	4	0.47
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG22	4	0.47
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG23	4	0.47
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG21	4	0.47
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG22	4	0.47
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG23	4	0.47
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG21	4	0.47
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG22	4	0.47
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG23	4	0.47
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG21	4	0.47
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG22	4	0.47
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG23	4	0.47
(13,1841)	1:104:A:PHE:HE1	1:105:A:LYS:H	17	0.47
(13,1841)	1:104:A:PHE:HE2	1:105:A:LYS:H	17	0.47
(13,1768)	1:104:A:PHE:HE1	1:105:A:LYS:HA	17	0.47
(13,1768)	1:104:A:PHE:HE2	1:105:A:LYS:HA	17	0.47
(13,1758)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	15	0.47
(13,1758)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	15	0.47
(13,1758)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	15	0.47
(13,1758)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	15	0.47
(13,1758)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	15	0.47
(13,1758)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	15	0.47
(13,1756)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	6	0.47
(13,1756)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	6	0.47
(13,1756)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	6	0.47
(13,1756)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	6	0.47
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG21	5	0.47
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG22	5	0.47
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG23	5	0.47
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG21	5	0.47
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG22	5	0.47
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG23	5	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG21	5	0.47
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG22	5	0.47
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG23	5	0.47
(13,1547)	1:61:A:SER:H	1:63:A:ILE:HD11	17	0.47
(13,1547)	1:61:A:SER:H	1:63:A:ILE:HD12	17	0.47
(13,1547)	1:61:A:SER:H	1:63:A:ILE:HD13	17	0.47
(13,1535)	1:11:A:ILE:HD11	1:43:A:MET:H	2	0.47
(13,1535)	1:11:A:ILE:HD12	1:43:A:MET:H	2	0.47
(13,1535)	1:11:A:ILE:HD13	1:43:A:MET:H	2	0.47
(13,1528)	1:123:A:CYS:H	1:128:A:LEU:HD21	19	0.47
(13,1528)	1:123:A:CYS:H	1:128:A:LEU:HD22	19	0.47
(13,1528)	1:123:A:CYS:H	1:128:A:LEU:HD23	19	0.47
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	7	0.47
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	7	0.47
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	7	0.47
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	7	0.47
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	7	0.47
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	7	0.47
(13,1415)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	15	0.47
(13,1415)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	15	0.47
(13,1359)	1:49:A:LYS:HG2	1:50:A:ALA:HA	18	0.47
(13,1359)	1:49:A:LYS:HG3	1:50:A:ALA:HA	18	0.47
(13,1202)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	10	0.47
(13,1202)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	10	0.47
(13,1202)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	10	0.47
(13,997)	1:34:A:LYS:H	1:81:A:GLU:HB2	9	0.47
(13,973)	1:63:A:ILE:HA	1:64:A:LYS:HD2	16	0.47
(13,973)	1:63:A:ILE:HA	1:64:A:LYS:HD3	16	0.47
(13,727)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	18	0.47
(13,727)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	18	0.47
(13,702)	1:9:A:PHE:HD1	1:54:A:ARG:HE	2	0.47
(13,702)	1:9:A:PHE:HD2	1:54:A:ARG:HE	2	0.47
(13,682)	1:98:A:ILE:H	1:104:A:PHE:H	6	0.47
(13,507)	1:105:A:LYS:H	1:106:A:ASP:HB3	17	0.47
(13,492)	1:105:A:LYS:H	1:105:A:LYS:HD2	17	0.47
(13,492)	1:105:A:LYS:H	1:105:A:LYS:HD3	17	0.47
(13,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	15	0.47
(13,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	15	0.47
(13,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	15	0.47
(13,89)	1:96:A:VAL:H	1:97:A:ASP:H	10	0.47
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	11	0.47
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	11	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	11	0.47
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	11	0.47
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	11	0.47
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	11	0.47
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	11	0.47
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	11	0.47
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	11	0.47
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	11	0.47
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	11	0.47
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	11	0.47
(11,1978)	1:11:A:ILE:HG12	1:57:A:LEU:HD11	18	0.47
(11,1978)	1:11:A:ILE:HG12	1:57:A:LEU:HD12	18	0.47
(11,1978)	1:11:A:ILE:HG12	1:57:A:LEU:HD13	18	0.47
(11,1978)	1:11:A:ILE:HG12	1:57:A:LEU:HD21	18	0.47
(11,1978)	1:11:A:ILE:HG12	1:57:A:LEU:HD22	18	0.47
(11,1978)	1:11:A:ILE:HG12	1:57:A:LEU:HD23	18	0.47
(11,1941)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	9	0.47
(11,1941)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	9	0.47
(11,1930)	1:13:A:ALA:H	1:80:A:TYR:HE1	16	0.47
(11,1930)	1:13:A:ALA:H	1:80:A:TYR:HE2	16	0.47
(11,1912)	1:18:A:PHE:HE1	1:131:A:LEU:H	6	0.47
(11,1912)	1:18:A:PHE:HE2	1:131:A:LEU:H	6	0.47
(11,1902)	1:104:A:PHE:HE1	1:105:A:LYS:H	17	0.47
(11,1902)	1:104:A:PHE:HE2	1:105:A:LYS:H	17	0.47
(11,1835)	1:104:A:PHE:HE1	1:105:A:LYS:HA	17	0.47
(11,1835)	1:104:A:PHE:HE2	1:105:A:LYS:HA	17	0.47
(11,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	15	0.47
(11,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	15	0.47
(11,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	15	0.47
(11,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	15	0.47
(11,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	15	0.47
(11,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	15	0.47
(11,1800)	1:97:A:ASP:HA	1:105:A:LYS:HG3	14	0.47
(11,1798)	1:39:A:VAL:HG21	1:144:A:LEU:H	15	0.47
(11,1798)	1:39:A:VAL:HG22	1:144:A:LEU:H	15	0.47
(11,1798)	1:39:A:VAL:HG23	1:144:A:LEU:H	15	0.47
(11,1756)	1:13:A:ALA:HA	1:79:A:THR:HG21	10	0.47
(11,1756)	1:13:A:ALA:HA	1:79:A:THR:HG22	10	0.47
(11,1756)	1:13:A:ALA:HA	1:79:A:THR:HG23	10	0.47
(11,1593)	1:11:A:ILE:HD11	1:43:A:MET:H	2	0.47
(11,1593)	1:11:A:ILE:HD12	1:43:A:MET:H	2	0.47
(11,1593)	1:11:A:ILE:HD13	1:43:A:MET:H	2	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1559)	1:110:A:MET:HE1	1:114:A:ILE:HG12	13	0.47
(11,1559)	1:110:A:MET:HE2	1:114:A:ILE:HG12	13	0.47
(11,1559)	1:110:A:MET:HE3	1:114:A:ILE:HG12	13	0.47
(11,1554)	1:69:A:MET:HE1	1:76:A:ARG:HG2	11	0.47
(11,1554)	1:69:A:MET:HE1	1:76:A:ARG:HG3	11	0.47
(11,1554)	1:69:A:MET:HE2	1:76:A:ARG:HG2	11	0.47
(11,1554)	1:69:A:MET:HE2	1:76:A:ARG:HG3	11	0.47
(11,1554)	1:69:A:MET:HE3	1:76:A:ARG:HG2	11	0.47
(11,1554)	1:69:A:MET:HE3	1:76:A:ARG:HG3	11	0.47
(11,1536)	1:69:A:MET:HE1	1:110:A:MET:H	19	0.47
(11,1536)	1:69:A:MET:HE2	1:110:A:MET:H	19	0.47
(11,1536)	1:69:A:MET:HE3	1:110:A:MET:H	19	0.47
(11,1496)	1:45:A:ALA:HB1	1:48:A:ARG:HB2	17	0.47
(11,1496)	1:45:A:ALA:HB1	1:48:A:ARG:HB3	17	0.47
(11,1496)	1:45:A:ALA:HB2	1:48:A:ARG:HB2	17	0.47
(11,1496)	1:45:A:ALA:HB2	1:48:A:ARG:HB3	17	0.47
(11,1496)	1:45:A:ALA:HB3	1:48:A:ARG:HB2	17	0.47
(11,1496)	1:45:A:ALA:HB3	1:48:A:ARG:HB3	17	0.47
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG21	5	0.47
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG22	5	0.47
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG23	5	0.47
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG21	5	0.47
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG22	5	0.47
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG23	5	0.47
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG21	5	0.47
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG22	5	0.47
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG23	5	0.47
(11,1437)	1:69:A:MET:HA	1:73:A:ILE:HG21	7	0.47
(11,1437)	1:69:A:MET:HA	1:73:A:ILE:HG22	7	0.47
(11,1437)	1:69:A:MET:HA	1:73:A:ILE:HG23	7	0.47
(11,1402)	1:49:A:LYS:HG2	1:50:A:ALA:HA	18	0.47
(11,1402)	1:49:A:LYS:HG3	1:50:A:ALA:HA	18	0.47
(11,1343)	1:107:A:LEU:HA	1:108:A:GLU:HG2	1	0.47
(11,1245)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	10	0.47
(11,1245)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	10	0.47
(11,1245)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	10	0.47
(11,1179)	1:140:A:LEU:HD21	1:144:A:LEU:H	6	0.47
(11,1179)	1:140:A:LEU:HD22	1:144:A:LEU:H	6	0.47
(11,1179)	1:140:A:LEU:HD23	1:144:A:LEU:H	6	0.47
(11,1029)	1:34:A:LYS:H	1:81:A:GLU:HB3	9	0.47
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	4	0.47
(11,928)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	4	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	4	0.47
(11,928)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	4	0.47
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	4	0.47
(11,928)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	4	0.47
(11,900)	1:54:A:ARG:HA	1:58:A:ILE:HB	5	0.47
(11,830)	1:110:A:MET:HG2	1:114:A:ILE:HD11	10	0.47
(11,830)	1:110:A:MET:HG2	1:114:A:ILE:HD12	10	0.47
(11,830)	1:110:A:MET:HG2	1:114:A:ILE:HD13	10	0.47
(11,830)	1:110:A:MET:HG3	1:114:A:ILE:HD11	10	0.47
(11,830)	1:110:A:MET:HG3	1:114:A:ILE:HD12	10	0.47
(11,830)	1:110:A:MET:HG3	1:114:A:ILE:HD13	10	0.47
(11,780)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	3	0.47
(11,780)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	3	0.47
(11,780)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	3	0.47
(11,780)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	3	0.47
(11,780)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	3	0.47
(11,780)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	3	0.47
(11,742)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	18	0.47
(11,742)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	18	0.47
(11,698)	1:98:A:ILE:H	1:104:A:PHE:H	6	0.47
(11,622)	1:35:A:LEU:H	1:80:A:TYR:HB2	16	0.47
(11,498)	1:105:A:LYS:H	1:105:A:LYS:HD2	18	0.47
(11,498)	1:105:A:LYS:H	1:105:A:LYS:HD3	18	0.47
(11,64)	1:34:A:LYS:H	1:81:A:GLU:H	15	0.47
(9,2269)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	3	0.47
(9,2269)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	3	0.47
(9,2269)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	3	0.47
(9,2269)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	3	0.47
(9,2269)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	3	0.47
(9,2269)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	3	0.47
(9,2269)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	3	0.47
(9,2269)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	3	0.47
(9,2269)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	3	0.47
(9,2269)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	3	0.47
(9,2269)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	3	0.47
(9,2269)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	3	0.47
(9,2132)	1:47:A:ALA:H	1:134:A:VAL:HG11	12	0.47
(9,2132)	1:47:A:ALA:H	1:134:A:VAL:HG12	12	0.47
(9,2132)	1:47:A:ALA:H	1:134:A:VAL:HG13	12	0.47
(9,2132)	1:47:A:ALA:H	1:134:A:VAL:HG21	12	0.47
(9,2132)	1:47:A:ALA:H	1:134:A:VAL:HG22	12	0.47
(9,2132)	1:47:A:ALA:H	1:134:A:VAL:HG23	12	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1996)	1:16:A:SER:HB2	1:19:A:ALA:HB1	11	0.47
(9,1996)	1:16:A:SER:HB2	1:19:A:ALA:HB2	11	0.47
(9,1996)	1:16:A:SER:HB2	1:19:A:ALA:HB3	11	0.47
(9,1996)	1:16:A:SER:HB3	1:19:A:ALA:HB1	11	0.47
(9,1996)	1:16:A:SER:HB3	1:19:A:ALA:HB2	11	0.47
(9,1996)	1:16:A:SER:HB3	1:19:A:ALA:HB3	11	0.47
(9,1892)	1:18:A:PHE:HE1	1:131:A:LEU:H	6	0.47
(9,1892)	1:18:A:PHE:HE2	1:131:A:LEU:H	6	0.47
(9,1884)	1:104:A:PHE:HE1	1:113:A:PHE:HA	7	0.47
(9,1884)	1:104:A:PHE:HE2	1:113:A:PHE:HA	7	0.47
(9,1866)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	16	0.47
(9,1866)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	16	0.47
(9,1866)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	16	0.47
(9,1866)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	16	0.47
(9,1866)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	16	0.47
(9,1866)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	16	0.47
(9,1855)	1:18:A:PHE:HA	1:113:A:PHE:HE1	1	0.47
(9,1855)	1:18:A:PHE:HA	1:113:A:PHE:HE2	1	0.47
(9,1845)	1:9:A:PHE:HD1	1:57:A:LEU:HG	4	0.47
(9,1845)	1:9:A:PHE:HD2	1:57:A:LEU:HG	4	0.47
(9,1826)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	6	0.47
(9,1826)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	6	0.47
(9,1826)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	19	0.47
(9,1826)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	19	0.47
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	16	0.47
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	16	0.47
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	16	0.47
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	16	0.47
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	16	0.47
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	16	0.47
(9,1798)	1:104:A:PHE:HE1	1:105:A:LYS:HA	17	0.47
(9,1798)	1:104:A:PHE:HE2	1:105:A:LYS:HA	17	0.47
(9,1754)	1:141:A:LYS:HA	1:148:A:CYS:H	15	0.47
(9,1712)	1:13:A:ALA:HA	1:79:A:THR:HG21	10	0.47
(9,1712)	1:13:A:ALA:HA	1:79:A:THR:HG22	10	0.47
(9,1712)	1:13:A:ALA:HA	1:79:A:THR:HG23	10	0.47
(9,1650)	1:69:A:MET:HE1	1:116:A:GLN:HE22	19	0.47
(9,1650)	1:69:A:MET:HE2	1:116:A:GLN:HE22	19	0.47
(9,1650)	1:69:A:MET:HE3	1:116:A:GLN:HE22	19	0.47
(9,1572)	1:61:A:SER:H	1:63:A:ILE:HD11	17	0.47
(9,1572)	1:61:A:SER:H	1:63:A:ILE:HD12	17	0.47
(9,1572)	1:61:A:SER:H	1:63:A:ILE:HD13	17	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1511)	1:69:A:MET:HE1	1:110:A:MET:H	19	0.47
(9,1511)	1:69:A:MET:HE2	1:110:A:MET:H	19	0.47
(9,1511)	1:69:A:MET:HE3	1:110:A:MET:H	19	0.47
(9,1463)	1:67:A:PRO:HD3	1:95:A:ILE:HA	11	0.47
(9,1438)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	15	0.47
(9,1438)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	15	0.47
(9,1338)	1:105:A:LYS:HG3	1:106:A:ASP:HA	2	0.47
(9,1321)	1:107:A:LEU:HA	1:108:A:GLU:HG2	1	0.47
(9,1232)	1:136:A:CYS:HA	1:140:A:LEU:HD11	12	0.47
(9,1232)	1:136:A:CYS:HA	1:140:A:LEU:HD12	12	0.47
(9,1232)	1:136:A:CYS:HA	1:140:A:LEU:HD13	12	0.47
(9,1155)	1:37:A:LEU:HA	1:40:A:LEU:HB3	15	0.47
(9,990)	1:63:A:ILE:HA	1:64:A:LYS:HD2	16	0.47
(9,990)	1:63:A:ILE:HA	1:64:A:LYS:HD3	16	0.47
(9,908)	1:44:A:GLU:H	1:44:A:GLU:HG3	4	0.47
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	7	0.47
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	7	0.47
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	7	0.47
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	7	0.47
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	7	0.47
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	7	0.47
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	7	0.47
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	7	0.47
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	7	0.47
(9,717)	1:73:A:ILE:HG21	1:76:A:ARG:HE	10	0.47
(9,717)	1:73:A:ILE:HG22	1:76:A:ARG:HE	10	0.47
(9,717)	1:73:A:ILE:HG23	1:76:A:ARG:HE	10	0.47
(9,306)	1:140:A:LEU:H	1:140:A:LEU:HD11	18	0.47
(9,306)	1:140:A:LEU:H	1:140:A:LEU:HD12	18	0.47
(9,306)	1:140:A:LEU:H	1:140:A:LEU:HD13	18	0.47
(9,180)	1:8:A:ASP:H	1:58:A:ILE:HD11	6	0.47
(9,180)	1:8:A:ASP:H	1:58:A:ILE:HD12	6	0.47
(9,180)	1:8:A:ASP:H	1:58:A:ILE:HD13	6	0.47
(9,30)	1:96:A:VAL:H	1:97:A:ASP:H	2	0.47
(7,2194)	1:63:A:ILE:HG12	1:113:A:PHE:HE1	1	0.47
(7,2194)	1:63:A:ILE:HG12	1:113:A:PHE:HE2	1	0.47
(7,2194)	1:63:A:ILE:HG13	1:113:A:PHE:HE1	1	0.47
(7,2194)	1:63:A:ILE:HG13	1:113:A:PHE:HE2	1	0.47
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD11	3	0.47
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD12	3	0.47
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD13	3	0.47
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD21	3	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD22	3	0.47
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD23	3	0.47
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD11	4	0.47
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD12	4	0.47
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD13	4	0.47
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD21	4	0.47
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD22	4	0.47
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD23	4	0.47
(7,2049)	1:35:A:LEU:HD11	1:143:A:TRP:HB2	9	0.47
(7,2049)	1:35:A:LEU:HD12	1:143:A:TRP:HB2	9	0.47
(7,2049)	1:35:A:LEU:HD13	1:143:A:TRP:HB2	9	0.47
(7,2049)	1:35:A:LEU:HD21	1:143:A:TRP:HB2	9	0.47
(7,2049)	1:35:A:LEU:HD22	1:143:A:TRP:HB2	9	0.47
(7,2049)	1:35:A:LEU:HD23	1:143:A:TRP:HB2	9	0.47
(7,2029)	1:34:A:LYS:H	1:81:A:GLU:HB2	8	0.47
(7,2029)	1:34:A:LYS:H	1:81:A:GLU:HB3	8	0.47
(7,1997)	1:23:A:LEU:HD11	1:27:A:ARG:HA	2	0.47
(7,1997)	1:23:A:LEU:HD12	1:27:A:ARG:HA	2	0.47
(7,1997)	1:23:A:LEU:HD13	1:27:A:ARG:HA	2	0.47
(7,1997)	1:23:A:LEU:HD21	1:27:A:ARG:HA	2	0.47
(7,1997)	1:23:A:LEU:HD22	1:27:A:ARG:HA	2	0.47
(7,1997)	1:23:A:LEU:HD23	1:27:A:ARG:HA	2	0.47
(7,1876)	1:13:A:ALA:H	1:80:A:TYR:HE1	16	0.47
(7,1876)	1:13:A:ALA:H	1:80:A:TYR:HE2	16	0.47
(7,1855)	1:104:A:PHE:HE1	1:105:A:LYS:H	17	0.47
(7,1855)	1:104:A:PHE:HE2	1:105:A:LYS:H	17	0.47
(7,1803)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	12	0.47
(7,1803)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	12	0.47
(7,1785)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	10	0.47
(7,1785)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	10	0.47
(7,1785)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	10	0.47
(7,1785)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	10	0.47
(7,1785)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	10	0.47
(7,1785)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	10	0.47
(7,1726)	1:39:A:VAL:HG21	1:144:A:LEU:H	15	0.47
(7,1726)	1:39:A:VAL:HG22	1:144:A:LEU:H	15	0.47
(7,1726)	1:39:A:VAL:HG23	1:144:A:LEU:H	15	0.47
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	4	0.47
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	4	0.47
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	4	0.47
(7,1550)	1:61:A:SER:H	1:63:A:ILE:HD11	17	0.47
(7,1550)	1:61:A:SER:H	1:63:A:ILE:HD12	17	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1550)	1:61:A:SER:H	1:63:A:ILE:HD13	17	0.47
(7,1540)	1:11:A:ILE:HD11	1:43:A:MET:H	2	0.47
(7,1540)	1:11:A:ILE:HD12	1:43:A:MET:H	2	0.47
(7,1540)	1:11:A:ILE:HD13	1:43:A:MET:H	2	0.47
(7,1438)	1:14:A:VAL:HB	1:15:A:ALA:HB1	19	0.47
(7,1438)	1:14:A:VAL:HB	1:15:A:ALA:HB2	19	0.47
(7,1438)	1:14:A:VAL:HB	1:15:A:ALA:HB3	19	0.47
(7,1424)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	15	0.47
(7,1424)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	15	0.47
(7,1241)	1:12:A:VAL:HG11	1:40:A:LEU:HA	18	0.47
(7,1241)	1:12:A:VAL:HG12	1:40:A:LEU:HA	18	0.47
(7,1241)	1:12:A:VAL:HG13	1:40:A:LEU:HA	18	0.47
(7,1237)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	14	0.47
(7,1237)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	14	0.47
(7,1237)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	14	0.47
(7,1237)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	14	0.47
(7,1237)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	14	0.47
(7,1237)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	14	0.47
(7,1237)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	14	0.47
(7,1237)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	14	0.47
(7,1237)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	14	0.47
(7,1154)	1:43:A:MET:HB2	1:140:A:LEU:HD21	10	0.47
(7,1154)	1:43:A:MET:HB2	1:140:A:LEU:HD22	10	0.47
(7,1154)	1:43:A:MET:HB2	1:140:A:LEU:HD23	10	0.47
(7,785)	1:11:A:ILE:HD11	1:14:A:VAL:HB	4	0.47
(7,785)	1:11:A:ILE:HD12	1:14:A:VAL:HB	4	0.47
(7,785)	1:11:A:ILE:HD13	1:14:A:VAL:HB	4	0.47
(7,776)	1:63:A:ILE:HD11	1:64:A:LYS:H	2	0.47
(7,776)	1:63:A:ILE:HD12	1:64:A:LYS:H	2	0.47
(7,776)	1:63:A:ILE:HD13	1:64:A:LYS:H	2	0.47
(7,761)	1:73:A:ILE:HD11	1:113:A:PHE:HD1	8	0.47
(7,761)	1:73:A:ILE:HD11	1:113:A:PHE:HD2	8	0.47
(7,761)	1:73:A:ILE:HD12	1:113:A:PHE:HD1	8	0.47
(7,761)	1:73:A:ILE:HD12	1:113:A:PHE:HD2	8	0.47
(7,761)	1:73:A:ILE:HD13	1:113:A:PHE:HD1	8	0.47
(7,761)	1:73:A:ILE:HD13	1:113:A:PHE:HD2	8	0.47
(7,733)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	18	0.47
(7,733)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	18	0.47
(7,693)	1:98:A:ILE:H	1:104:A:PHE:H	6	0.47
(7,682)	1:145:A:PRO:HB2	1:148:A:CYS:H	19	0.47
(7,628)	1:9:A:PHE:HE1	1:58:A:ILE:H	14	0.47
(7,628)	1:9:A:PHE:HE2	1:58:A:ILE:H	14	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,297)	1:128:A:LEU:HB3	1:129:A:LYS:H	16	0.47
(7,292)	1:121:A:VAL:H	1:123:A:CYS:H	8	0.47
(7,258)	1:27:A:ARG:HA	1:29:A:LYS:H	14	0.47
(7,44)	1:44:A:GLU:HG2	1:47:A:ALA:H	8	0.47
(7,42)	1:44:A:GLU:HG3	1:47:A:ALA:H	7	0.47
(6,2350)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	2	0.47
(6,2350)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	2	0.47
(6,2350)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	2	0.47
(6,2350)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	2	0.47
(6,2350)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	2	0.47
(6,2350)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	2	0.47
(6,2223)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	13	0.47
(6,2223)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	13	0.47
(6,2223)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	13	0.47
(6,2223)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	13	0.47
(6,2223)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	13	0.47
(6,2223)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	13	0.47
(6,2020)	1:16:A:SER:HB2	1:19:A:ALA:HB1	11	0.47
(6,2020)	1:16:A:SER:HB2	1:19:A:ALA:HB2	11	0.47
(6,2020)	1:16:A:SER:HB2	1:19:A:ALA:HB3	11	0.47
(6,2020)	1:16:A:SER:HB3	1:19:A:ALA:HB1	11	0.47
(6,2020)	1:16:A:SER:HB3	1:19:A:ALA:HB2	11	0.47
(6,2020)	1:16:A:SER:HB3	1:19:A:ALA:HB3	11	0.47
(6,1893)	1:104:A:PHE:HE1	1:105:A:LYS:H	17	0.47
(6,1893)	1:104:A:PHE:HE2	1:105:A:LYS:H	17	0.47
(6,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	9	0.47
(6,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	9	0.47
(6,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	9	0.47
(6,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	9	0.47
(6,1884)	1:14:A:VAL:HA	1:18:A:PHE:HD1	3	0.47
(6,1884)	1:14:A:VAL:HA	1:18:A:PHE:HD2	3	0.47
(6,1823)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	18	0.47
(6,1823)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	18	0.47
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	16	0.47
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	16	0.47
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	16	0.47
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	16	0.47
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	16	0.47
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	16	0.47
(6,1809)	1:104:A:PHE:HE1	1:105:A:LYS:HA	17	0.47
(6,1809)	1:104:A:PHE:HE2	1:105:A:LYS:HA	17	0.47
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD21	14	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD22	14	0.47
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD23	14	0.47
(6,1721)	1:13:A:ALA:HA	1:79:A:THR:HG21	10	0.47
(6,1721)	1:13:A:ALA:HA	1:79:A:THR:HG22	10	0.47
(6,1721)	1:13:A:ALA:HA	1:79:A:THR:HG23	10	0.47
(6,1575)	1:61:A:SER:H	1:63:A:ILE:HD11	17	0.47
(6,1575)	1:61:A:SER:H	1:63:A:ILE:HD12	17	0.47
(6,1575)	1:61:A:SER:H	1:63:A:ILE:HD13	17	0.47
(6,1514)	1:69:A:MET:HE1	1:116:A:GLN:HE21	16	0.47
(6,1514)	1:69:A:MET:HE2	1:116:A:GLN:HE21	16	0.47
(6,1514)	1:69:A:MET:HE3	1:116:A:GLN:HE21	16	0.47
(6,1378)	1:49:A:LYS:HG2	1:50:A:ALA:HA	18	0.47
(6,1378)	1:49:A:LYS:HG3	1:50:A:ALA:HA	18	0.47
(6,1319)	1:107:A:LEU:HA	1:108:A:GLU:HG2	1	0.47
(6,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD11	12	0.47
(6,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD12	12	0.47
(6,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD13	12	0.47
(6,1219)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	10	0.47
(6,1219)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	10	0.47
(6,1219)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	10	0.47
(6,976)	1:63:A:ILE:HA	1:64:A:LYS:HD2	16	0.47
(6,976)	1:63:A:ILE:HA	1:64:A:LYS:HD3	16	0.47
(6,956)	1:11:A:ILE:HG13	1:14:A:VAL:HB	13	0.47
(6,871)	1:138:A:ASP:HB2	1:141:A:LYS:HB2	14	0.47
(6,871)	1:138:A:ASP:HB2	1:141:A:LYS:HB3	14	0.47
(6,871)	1:138:A:ASP:HB3	1:141:A:LYS:HB2	14	0.47
(6,871)	1:138:A:ASP:HB3	1:141:A:LYS:HB3	14	0.47
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	7	0.47
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	7	0.47
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	7	0.47
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	7	0.47
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	7	0.47
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	7	0.47
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	7	0.47
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	7	0.47
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	7	0.47
(6,701)	1:23:A:LEU:HB2	1:27:A:ARG:HE	9	0.47
(6,701)	1:23:A:LEU:HB3	1:27:A:ARG:HE	9	0.47
(6,692)	1:98:A:ILE:H	1:104:A:PHE:H	16	0.47
(6,293)	1:140:A:LEU:H	1:140:A:LEU:HD11	18	0.47
(6,293)	1:140:A:LEU:H	1:140:A:LEU:HD12	18	0.47
(6,293)	1:140:A:LEU:H	1:140:A:LEU:HD13	18	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,233)	1:10:A:ASN:H	1:13:A:ALA:HB1	1	0.47
(6,233)	1:10:A:ASN:H	1:13:A:ALA:HB2	1	0.47
(6,233)	1:10:A:ASN:H	1:13:A:ALA:HB3	1	0.47
(6,131)	1:11:A:ILE:HG13	1:12:A:VAL:H	19	0.47
(5,2470)	1:144:A:LEU:HD11	1:147:A:ARG:HA	5	0.47
(5,2470)	1:144:A:LEU:HD12	1:147:A:ARG:HA	5	0.47
(5,2470)	1:144:A:LEU:HD13	1:147:A:ARG:HA	5	0.47
(5,2470)	1:144:A:LEU:HD21	1:147:A:ARG:HA	5	0.47
(5,2470)	1:144:A:LEU:HD22	1:147:A:ARG:HA	5	0.47
(5,2470)	1:144:A:LEU:HD23	1:147:A:ARG:HA	5	0.47
(5,2236)	1:68:A:LYS:H	1:69:A:MET:HG2	18	0.47
(5,2236)	1:68:A:LYS:H	1:69:A:MET:HG3	18	0.47
(5,2214)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	13	0.47
(5,2214)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	13	0.47
(5,2214)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	13	0.47
(5,2214)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	13	0.47
(5,2214)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	13	0.47
(5,2214)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	13	0.47
(5,2189)	1:57:A:LEU:HG	1:60:A:LEU:HD11	6	0.47
(5,2189)	1:57:A:LEU:HG	1:60:A:LEU:HD12	6	0.47
(5,2189)	1:57:A:LEU:HG	1:60:A:LEU:HD13	6	0.47
(5,2189)	1:57:A:LEU:HG	1:60:A:LEU:HD21	6	0.47
(5,2189)	1:57:A:LEU:HG	1:60:A:LEU:HD22	6	0.47
(5,2189)	1:57:A:LEU:HG	1:60:A:LEU:HD23	6	0.47
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	11	0.47
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	11	0.47
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	11	0.47
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	11	0.47
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	11	0.47
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	11	0.47
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	11	0.47
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	11	0.47
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	11	0.47
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	11	0.47
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	11	0.47
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	11	0.47
(5,2029)	1:23:A:LEU:HD11	1:27:A:ARG:HA	19	0.47
(5,2029)	1:23:A:LEU:HD12	1:27:A:ARG:HA	19	0.47
(5,2029)	1:23:A:LEU:HD13	1:27:A:ARG:HA	19	0.47
(5,2029)	1:23:A:LEU:HD21	1:27:A:ARG:HA	19	0.47
(5,2029)	1:23:A:LEU:HD22	1:27:A:ARG:HA	19	0.47
(5,2029)	1:23:A:LEU:HD23	1:27:A:ARG:HA	19	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	11	0.47
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	11	0.47
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	11	0.47
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	11	0.47
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	11	0.47
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	11	0.47
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	11	0.47
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	11	0.47
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	11	0.47
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	11	0.47
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	11	0.47
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	11	0.47
(5,1994)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	8	0.47
(5,1994)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	8	0.47
(5,1994)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	8	0.47
(5,1994)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	8	0.47
(5,1994)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	8	0.47
(5,1994)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	8	0.47
(5,1994)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	8	0.47
(5,1994)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	8	0.47
(5,1994)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	8	0.47
(5,1994)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	8	0.47
(5,1994)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	8	0.47
(5,1994)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	8	0.47
(5,1994)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	8	0.47
(5,1994)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	8	0.47
(5,1994)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	8	0.47
(5,1994)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	8	0.47
(5,1994)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	8	0.47
(5,1994)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	8	0.47
(5,1994)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	18	0.47
(5,1994)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	18	0.47
(5,1994)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	18	0.47
(5,1994)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	18	0.47
(5,1994)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	18	0.47
(5,1994)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	18	0.47
(5,1994)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	18	0.47
(5,1994)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	18	0.47
(5,1994)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	18	0.47
(5,1994)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	18	0.47
(5,1994)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	18	0.47
(5,1994)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	18	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1994)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	18	0.47
(5,1994)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	18	0.47
(5,1994)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	18	0.47
(5,1994)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	18	0.47
(5,1994)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	18	0.47
(5,1994)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	18	0.47
(5,1925)	1:150:A:THR:H	1:151:A:PHE:HD1	18	0.47
(5,1925)	1:150:A:THR:H	1:151:A:PHE:HD2	18	0.47
(5,1897)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	16	0.47
(5,1897)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	16	0.47
(5,1897)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	16	0.47
(5,1897)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	16	0.47
(5,1897)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	16	0.47
(5,1897)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	16	0.47
(5,1831)	1:104:A:PHE:HE1	1:105:A:LYS:HA	17	0.47
(5,1831)	1:104:A:PHE:HE2	1:105:A:LYS:HA	17	0.47
(5,1821)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	15	0.47
(5,1821)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	15	0.47
(5,1821)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	15	0.47
(5,1821)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	15	0.47
(5,1821)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	15	0.47
(5,1821)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	15	0.47
(5,1790)	1:97:A:ASP:HA	1:105:A:LYS:HG3	14	0.47
(5,1788)	1:39:A:VAL:HG21	1:144:A:LEU:H	15	0.47
(5,1788)	1:39:A:VAL:HG22	1:144:A:LEU:H	15	0.47
(5,1788)	1:39:A:VAL:HG23	1:144:A:LEU:H	15	0.47
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG21	5	0.47
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG22	5	0.47
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG23	5	0.47
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG21	5	0.47
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG22	5	0.47
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG23	5	0.47
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG21	5	0.47
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG22	5	0.47
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG23	5	0.47
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB2	14	0.47
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB3	14	0.47
(5,1677)	1:69:A:MET:HE1	1:116:A:GLN:HE21	16	0.47
(5,1677)	1:69:A:MET:HE2	1:116:A:GLN:HE21	16	0.47
(5,1677)	1:69:A:MET:HE3	1:116:A:GLN:HE21	16	0.47
(5,1664)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	17	0.47
(5,1664)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	17	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1664)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	17	0.47
(5,1664)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	17	0.47
(5,1664)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	17	0.47
(5,1664)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	17	0.47
(5,1581)	1:11:A:ILE:HD11	1:43:A:MET:H	2	0.47
(5,1581)	1:11:A:ILE:HD12	1:43:A:MET:H	2	0.47
(5,1581)	1:11:A:ILE:HD13	1:43:A:MET:H	2	0.47
(5,1534)	1:69:A:MET:HE1	1:116:A:GLN:HE22	19	0.47
(5,1534)	1:69:A:MET:HE2	1:116:A:GLN:HE22	19	0.47
(5,1534)	1:69:A:MET:HE3	1:116:A:GLN:HE22	19	0.47
(5,1499)	1:101:A:ILE:HG21	1:103:A:ARG:HA	16	0.47
(5,1499)	1:101:A:ILE:HG22	1:103:A:ARG:HA	16	0.47
(5,1499)	1:101:A:ILE:HG23	1:103:A:ARG:HA	16	0.47
(5,1462)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	15	0.47
(5,1462)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	15	0.47
(5,1343)	1:107:A:LEU:HA	1:108:A:GLU:HG2	1	0.47
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG21	1	0.47
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG22	1	0.47
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG23	1	0.47
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG21	2	0.47
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG22	2	0.47
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG23	2	0.47
(5,1267)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	14	0.47
(5,1267)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	14	0.47
(5,1267)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	14	0.47
(5,1267)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	14	0.47
(5,1267)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	14	0.47
(5,1267)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	14	0.47
(5,1267)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	14	0.47
(5,1267)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	14	0.47
(5,1267)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	14	0.47
(5,1238)	1:136:A:CYS:HA	1:140:A:LEU:HD11	12	0.47
(5,1238)	1:136:A:CYS:HA	1:140:A:LEU:HD12	12	0.47
(5,1238)	1:136:A:CYS:HA	1:140:A:LEU:HD13	12	0.47
(5,1178)	1:140:A:LEU:HD21	1:144:A:LEU:H	6	0.47
(5,1178)	1:140:A:LEU:HD22	1:144:A:LEU:H	6	0.47
(5,1178)	1:140:A:LEU:HD23	1:144:A:LEU:H	6	0.47
(5,1083)	1:44:A:GLU:HA	1:48:A:ARG:HB2	15	0.47
(5,1083)	1:44:A:GLU:HA	1:48:A:ARG:HB3	15	0.47
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD11	19	0.47
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD12	19	0.47
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD13	19	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1000)	1:95:A:ILE:HG21	1:105:A:LYS:HB2	11	0.47
(5,1000)	1:95:A:ILE:HG21	1:105:A:LYS:HB3	11	0.47
(5,1000)	1:95:A:ILE:HG22	1:105:A:LYS:HB2	11	0.47
(5,1000)	1:95:A:ILE:HG22	1:105:A:LYS:HB3	11	0.47
(5,1000)	1:95:A:ILE:HG23	1:105:A:LYS:HB2	11	0.47
(5,1000)	1:95:A:ILE:HG23	1:105:A:LYS:HB3	11	0.47
(5,992)	1:63:A:ILE:HA	1:64:A:LYS:HD2	16	0.47
(5,992)	1:63:A:ILE:HA	1:64:A:LYS:HD3	16	0.47
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD11	1	0.47
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD12	1	0.47
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD13	1	0.47
(5,793)	1:63:A:ILE:HD11	1:117:A:VAL:HB	14	0.47
(5,793)	1:63:A:ILE:HD12	1:117:A:VAL:HB	14	0.47
(5,793)	1:63:A:ILE:HD13	1:117:A:VAL:HB	14	0.47
(5,781)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	3	0.47
(5,781)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	3	0.47
(5,781)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	3	0.47
(5,781)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	3	0.47
(5,781)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	3	0.47
(5,781)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	3	0.47
(5,737)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	18	0.47
(5,737)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	18	0.47
(5,698)	1:98:A:ILE:H	1:104:A:PHE:H	16	0.47
(5,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	16	0.47
(5,503)	1:105:A:LYS:H	1:106:A:ASP:HB3	17	0.47
(5,478)	1:98:A:ILE:H	1:105:A:LYS:H	3	0.47
(5,229)	1:10:A:ASN:H	1:14:A:VAL:HG21	3	0.47
(5,229)	1:10:A:ASN:H	1:14:A:VAL:HG22	3	0.47
(5,229)	1:10:A:ASN:H	1:14:A:VAL:HG23	3	0.47
(5,227)	1:10:A:ASN:H	1:13:A:ALA:HB1	1	0.47
(5,227)	1:10:A:ASN:H	1:13:A:ALA:HB2	1	0.47
(5,227)	1:10:A:ASN:H	1:13:A:ALA:HB3	1	0.47
(5,217)	1:9:A:PHE:HE1	1:10:A:ASN:H	12	0.47
(5,217)	1:9:A:PHE:HE2	1:10:A:ASN:H	12	0.47
(4,2236)	1:69:A:MET:HG2	1:73:A:ILE:H	3	0.47
(4,2236)	1:69:A:MET:HG3	1:73:A:ILE:H	3	0.47
(4,2211)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	13	0.47
(4,2211)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	13	0.47
(4,2211)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	13	0.47
(4,2211)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	13	0.47
(4,2211)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	13	0.47
(4,2211)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	13	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD11	17	0.47
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD12	17	0.47
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD13	17	0.47
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD21	17	0.47
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD22	17	0.47
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD23	17	0.47
(4,2103)	1:39:A:VAL:HG11	1:44:A:GLU:H	6	0.47
(4,2103)	1:39:A:VAL:HG12	1:44:A:GLU:H	6	0.47
(4,2103)	1:39:A:VAL:HG13	1:44:A:GLU:H	6	0.47
(4,2103)	1:39:A:VAL:HG21	1:44:A:GLU:H	6	0.47
(4,2103)	1:39:A:VAL:HG22	1:44:A:GLU:H	6	0.47
(4,2103)	1:39:A:VAL:HG23	1:44:A:GLU:H	6	0.47
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD11	3	0.47
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD12	3	0.47
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD13	3	0.47
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD21	3	0.47
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD22	3	0.47
(4,2026)	1:20:A:THR:HB	1:23:A:LEU:HD23	3	0.47
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD11	18	0.47
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD12	18	0.47
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD13	18	0.47
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD21	18	0.47
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD22	18	0.47
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD23	18	0.47
(4,1859)	1:104:A:PHE:HE1	1:105:A:LYS:H	17	0.47
(4,1859)	1:104:A:PHE:HE2	1:105:A:LYS:H	17	0.47
(4,1804)	1:9:A:PHE:HZ	1:54:A:ARG:HA	10	0.47
(4,1773)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	15	0.47
(4,1773)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	15	0.47
(4,1773)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	15	0.47
(4,1773)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	15	0.47
(4,1773)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	15	0.47
(4,1773)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	15	0.47
(4,1750)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	3	0.47
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD21	14	0.47
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD22	14	0.47
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD23	14	0.47
(4,1699)	1:13:A:ALA:HA	1:79:A:THR:HG21	10	0.47
(4,1699)	1:13:A:ALA:HA	1:79:A:THR:HG22	10	0.47
(4,1699)	1:13:A:ALA:HA	1:79:A:THR:HG23	10	0.47
(4,1623)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	13	0.47
(4,1623)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	13	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1623)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	13	0.47
(4,1615)	1:18:A:PHE:HZ	1:60:A:LEU:HA	17	0.47
(4,1558)	1:61:A:SER:H	1:63:A:ILE:HD11	17	0.47
(4,1558)	1:61:A:SER:H	1:63:A:ILE:HD12	17	0.47
(4,1558)	1:61:A:SER:H	1:63:A:ILE:HD13	17	0.47
(4,1547)	1:11:A:ILE:HD11	1:43:A:MET:H	2	0.47
(4,1547)	1:11:A:ILE:HD12	1:43:A:MET:H	2	0.47
(4,1547)	1:11:A:ILE:HD13	1:43:A:MET:H	2	0.47
(4,1496)	1:69:A:MET:HE1	1:110:A:MET:H	19	0.47
(4,1496)	1:69:A:MET:HE2	1:110:A:MET:H	19	0.47
(4,1496)	1:69:A:MET:HE3	1:110:A:MET:H	19	0.47
(4,1462)	1:101:A:ILE:HG21	1:115:A:ALA:HA	13	0.47
(4,1462)	1:101:A:ILE:HG22	1:115:A:ALA:HA	13	0.47
(4,1462)	1:101:A:ILE:HG23	1:115:A:ALA:HA	13	0.47
(4,1426)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	6	0.47
(4,1426)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	6	0.47
(4,1389)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	4	0.47
(4,1389)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	4	0.47
(4,1389)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	4	0.47
(4,1306)	1:107:A:LEU:HA	1:108:A:GLU:HG2	1	0.47
(4,1204)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	10	0.47
(4,1204)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	10	0.47
(4,1204)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	10	0.47
(4,1168)	1:23:A:LEU:HD21	1:24:A:ASP:H	12	0.47
(4,1168)	1:23:A:LEU:HD22	1:24:A:ASP:H	12	0.47
(4,1168)	1:23:A:LEU:HD23	1:24:A:ASP:H	12	0.47
(4,1025)	1:20:A:THR:HG21	1:21:A:THR:HA	6	0.47
(4,1025)	1:20:A:THR:HG22	1:21:A:THR:HA	6	0.47
(4,1025)	1:20:A:THR:HG23	1:21:A:THR:HA	6	0.47
(4,875)	1:138:A:ASP:HB2	1:141:A:LYS:HB2	14	0.47
(4,875)	1:138:A:ASP:HB2	1:141:A:LYS:HB3	14	0.47
(4,875)	1:138:A:ASP:HB3	1:141:A:LYS:HB2	14	0.47
(4,875)	1:138:A:ASP:HB3	1:141:A:LYS:HB3	14	0.47
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD11	8	0.47
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD12	8	0.47
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD13	8	0.47
(4,730)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	18	0.47
(4,730)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	18	0.47
(4,690)	1:98:A:ILE:H	1:104:A:PHE:H	16	0.47
(4,582)	1:75:A:GLY:H	1:76:A:ARG:HG2	1	0.47
(4,582)	1:75:A:GLY:H	1:76:A:ARG:HG3	1	0.47
(4,252)	1:27:A:ARG:HA	1:29:A:LYS:H	2	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,252)	1:27:A:ARG:HA	1:29:A:LYS:H	12	0.47
(4,50)	1:44:A:GLU:HG2	1:47:A:ALA:H	8	0.47
(4,48)	1:44:A:GLU:HG3	1:47:A:ALA:H	7	0.47
(4,31)	1:96:A:VAL:H	1:97:A:ASP:H	2	0.47
(3,2317)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	6	0.47
(3,2317)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	6	0.47
(3,2317)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	6	0.47
(3,2317)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	6	0.47
(3,2317)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	6	0.47
(3,2317)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	6	0.47
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD11	11	0.47
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD12	11	0.47
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD13	11	0.47
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD11	11	0.47
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD12	11	0.47
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD13	11	0.47
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD11	19	0.47
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD12	19	0.47
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD13	19	0.47
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD21	19	0.47
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD22	19	0.47
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD23	19	0.47
(3,2173)	1:43:A:MET:HE1	1:131:A:LEU:HD11	7	0.47
(3,2173)	1:43:A:MET:HE1	1:131:A:LEU:HD12	7	0.47
(3,2173)	1:43:A:MET:HE1	1:131:A:LEU:HD13	7	0.47
(3,2173)	1:43:A:MET:HE1	1:131:A:LEU:HD21	7	0.47
(3,2173)	1:43:A:MET:HE1	1:131:A:LEU:HD22	7	0.47
(3,2173)	1:43:A:MET:HE1	1:131:A:LEU:HD23	7	0.47
(3,2173)	1:43:A:MET:HE2	1:131:A:LEU:HD11	7	0.47
(3,2173)	1:43:A:MET:HE2	1:131:A:LEU:HD12	7	0.47
(3,2173)	1:43:A:MET:HE2	1:131:A:LEU:HD13	7	0.47
(3,2173)	1:43:A:MET:HE2	1:131:A:LEU:HD21	7	0.47
(3,2173)	1:43:A:MET:HE2	1:131:A:LEU:HD22	7	0.47
(3,2173)	1:43:A:MET:HE2	1:131:A:LEU:HD23	7	0.47
(3,2173)	1:43:A:MET:HE3	1:131:A:LEU:HD11	7	0.47
(3,2173)	1:43:A:MET:HE3	1:131:A:LEU:HD12	7	0.47
(3,2173)	1:43:A:MET:HE3	1:131:A:LEU:HD13	7	0.47
(3,2173)	1:43:A:MET:HE3	1:131:A:LEU:HD21	7	0.47
(3,2173)	1:43:A:MET:HE3	1:131:A:LEU:HD22	7	0.47
(3,2173)	1:43:A:MET:HE3	1:131:A:LEU:HD23	7	0.47
(3,2037)	1:16:A:SER:HB2	1:19:A:ALA:HB1	11	0.47
(3,2037)	1:16:A:SER:HB2	1:19:A:ALA:HB2	11	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2037)	1:16:A:SER:HB2	1:19:A:ALA:HB3	11	0.47
(3,2037)	1:16:A:SER:HB3	1:19:A:ALA:HB1	11	0.47
(3,2037)	1:16:A:SER:HB3	1:19:A:ALA:HB2	11	0.47
(3,2037)	1:16:A:SER:HB3	1:19:A:ALA:HB3	11	0.47
(3,1949)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	9	0.47
(3,1949)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	9	0.47
(3,1921)	1:18:A:PHE:HE1	1:131:A:LEU:H	6	0.47
(3,1921)	1:18:A:PHE:HE2	1:131:A:LEU:H	6	0.47
(3,1911)	1:104:A:PHE:HE1	1:105:A:LYS:H	17	0.47
(3,1911)	1:104:A:PHE:HE2	1:105:A:LYS:H	17	0.47
(3,1841)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	1	0.47
(3,1841)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	1	0.47
(3,1833)	1:104:A:PHE:HE1	1:105:A:LYS:HA	17	0.47
(3,1833)	1:104:A:PHE:HE2	1:105:A:LYS:HA	17	0.47
(3,1823)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	15	0.47
(3,1823)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	15	0.47
(3,1823)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	15	0.47
(3,1823)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	15	0.47
(3,1823)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	15	0.47
(3,1823)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	15	0.47
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD1	19	0.47
(3,1822)	1:68:A:LYS:HA	1:72:A:PHE:HD2	19	0.47
(3,1795)	1:39:A:VAL:HG21	1:144:A:LEU:H	15	0.47
(3,1795)	1:39:A:VAL:HG22	1:144:A:LEU:H	15	0.47
(3,1795)	1:39:A:VAL:HG23	1:144:A:LEU:H	15	0.47
(3,1758)	1:19:A:ALA:HB1	1:21:A:THR:HG21	10	0.47
(3,1758)	1:19:A:ALA:HB1	1:21:A:THR:HG22	10	0.47
(3,1758)	1:19:A:ALA:HB1	1:21:A:THR:HG23	10	0.47
(3,1758)	1:19:A:ALA:HB2	1:21:A:THR:HG21	10	0.47
(3,1758)	1:19:A:ALA:HB2	1:21:A:THR:HG22	10	0.47
(3,1758)	1:19:A:ALA:HB2	1:21:A:THR:HG23	10	0.47
(3,1758)	1:19:A:ALA:HB3	1:21:A:THR:HG21	10	0.47
(3,1758)	1:19:A:ALA:HB3	1:21:A:THR:HG22	10	0.47
(3,1758)	1:19:A:ALA:HB3	1:21:A:THR:HG23	10	0.47
(3,1752)	1:13:A:ALA:HA	1:79:A:THR:HG21	10	0.47
(3,1752)	1:13:A:ALA:HA	1:79:A:THR:HG22	10	0.47
(3,1752)	1:13:A:ALA:HA	1:79:A:THR:HG23	10	0.47
(3,1690)	1:69:A:MET:HE1	1:116:A:GLN:HE21	16	0.47
(3,1690)	1:69:A:MET:HE2	1:116:A:GLN:HE21	16	0.47
(3,1690)	1:69:A:MET:HE3	1:116:A:GLN:HE21	16	0.47
(3,1539)	1:69:A:MET:HE1	1:110:A:MET:H	19	0.47
(3,1539)	1:69:A:MET:HE2	1:110:A:MET:H	19	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1539)	1:69:A:MET:HE3	1:110:A:MET:H	19	0.47
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG21	12	0.47
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG22	12	0.47
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG23	12	0.47
(3,1408)	1:49:A:LYS:HG2	1:50:A:ALA:HA	18	0.47
(3,1408)	1:49:A:LYS:HG3	1:50:A:ALA:HA	18	0.47
(3,1224)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	19	0.47
(3,1224)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	19	0.47
(3,1224)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	19	0.47
(3,1188)	1:140:A:LEU:HD21	1:144:A:LEU:H	6	0.47
(3,1188)	1:140:A:LEU:HD22	1:144:A:LEU:H	6	0.47
(3,1188)	1:140:A:LEU:HD23	1:144:A:LEU:H	6	0.47
(3,1103)	1:45:A:ALA:HA	1:48:A:ARG:HG2	11	0.47
(3,1103)	1:45:A:ALA:HA	1:48:A:ARG:HG3	11	0.47
(3,1008)	1:63:A:ILE:HA	1:64:A:LYS:HD2	16	0.47
(3,1008)	1:63:A:ILE:HA	1:64:A:LYS:HD3	16	0.47
(3,990)	1:47:A:ALA:HB1	1:134:A:VAL:HB	12	0.47
(3,990)	1:47:A:ALA:HB2	1:134:A:VAL:HB	12	0.47
(3,990)	1:47:A:ALA:HB3	1:134:A:VAL:HB	12	0.47
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	4	0.47
(3,941)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	4	0.47
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	4	0.47
(3,941)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	4	0.47
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	4	0.47
(3,941)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	4	0.47
(3,917)	1:21:A:THR:HB	1:24:A:ASP:H	16	0.47
(3,834)	1:98:A:ILE:HD11	1:119:A:LEU:HG	17	0.47
(3,834)	1:98:A:ILE:HD12	1:119:A:LEU:HG	17	0.47
(3,834)	1:98:A:ILE:HD13	1:119:A:LEU:HG	17	0.47
(3,756)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	18	0.47
(3,756)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	18	0.47
(3,704)	1:98:A:ILE:H	1:104:A:PHE:H	16	0.47
(3,586)	1:126:A:GLY:H	1:128:A:LEU:HG	11	0.47
(3,255)	1:27:A:ARG:HA	1:29:A:LYS:H	14	0.47
(3,178)	1:8:A:ASP:H	1:58:A:ILE:HD11	6	0.47
(3,178)	1:8:A:ASP:H	1:58:A:ILE:HD12	6	0.47
(3,178)	1:8:A:ASP:H	1:58:A:ILE:HD13	6	0.47
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD11	3	0.47
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD12	3	0.47
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD13	3	0.47
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD11	17	0.47
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD12	17	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD13	17	0.47
(3,104)	1:69:A:MET:H	1:69:A:MET:HE1	2	0.47
(3,104)	1:69:A:MET:H	1:69:A:MET:HE2	2	0.47
(3,104)	1:69:A:MET:H	1:69:A:MET:HE3	2	0.47
(3,7)	1:39:A:VAL:HG11	1:143:A:TRP:HE1	13	0.47
(3,7)	1:39:A:VAL:HG12	1:143:A:TRP:HE1	13	0.47
(3,7)	1:39:A:VAL:HG13	1:143:A:TRP:HE1	13	0.47
(2,2440)	1:137:A:SER:HB2	1:140:A:LEU:HB2	1	0.47
(2,2440)	1:137:A:SER:HB3	1:140:A:LEU:HB2	1	0.47
(2,2354)	1:107:A:LEU:HD11	1:112:A:GLN:HA	16	0.47
(2,2354)	1:107:A:LEU:HD12	1:112:A:GLN:HA	16	0.47
(2,2354)	1:107:A:LEU:HD13	1:112:A:GLN:HA	16	0.47
(2,2354)	1:107:A:LEU:HD21	1:112:A:GLN:HA	16	0.47
(2,2354)	1:107:A:LEU:HD22	1:112:A:GLN:HA	16	0.47
(2,2354)	1:107:A:LEU:HD23	1:112:A:GLN:HA	16	0.47
(2,2190)	1:47:A:ALA:H	1:134:A:VAL:HG11	15	0.47
(2,2190)	1:47:A:ALA:H	1:134:A:VAL:HG12	15	0.47
(2,2190)	1:47:A:ALA:H	1:134:A:VAL:HG13	15	0.47
(2,2190)	1:47:A:ALA:H	1:134:A:VAL:HG21	15	0.47
(2,2190)	1:47:A:ALA:H	1:134:A:VAL:HG22	15	0.47
(2,2190)	1:47:A:ALA:H	1:134:A:VAL:HG23	15	0.47
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	11	0.47
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	11	0.47
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	11	0.47
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	11	0.47
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	11	0.47
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	11	0.47
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	11	0.47
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	11	0.47
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	11	0.47
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	11	0.47
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	11	0.47
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	11	0.47
(2,2170)	1:44:A:GLU:HG2	1:45:A:ALA:H	9	0.47
(2,2170)	1:44:A:GLU:HG3	1:45:A:ALA:H	9	0.47
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD11	2	0.47
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD12	2	0.47
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD13	2	0.47
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD11	2	0.47
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD12	2	0.47
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD13	2	0.47
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD11	2	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD12	2	0.47
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD13	2	0.47
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD11	2	0.47
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD12	2	0.47
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD13	2	0.47
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD11	2	0.47
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD12	2	0.47
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD13	2	0.47
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD11	2	0.47
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD12	2	0.47
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD13	2	0.47
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD21	2	0.47
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD22	2	0.47
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD23	2	0.47
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD21	2	0.47
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD22	2	0.47
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD23	2	0.47
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD21	2	0.47
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD22	2	0.47
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD23	2	0.47
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD21	2	0.47
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD22	2	0.47
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD23	2	0.47
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD21	2	0.47
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD22	2	0.47
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD23	2	0.47
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD21	2	0.47
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD22	2	0.47
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD23	2	0.47
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD11	19	0.47
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD12	19	0.47
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD13	19	0.47
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD11	19	0.47
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD12	19	0.47
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD13	19	0.47
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD11	19	0.47
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD12	19	0.47
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD13	19	0.47
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD11	19	0.47
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD12	19	0.47
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD13	19	0.47
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD11	19	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD12	19	0.47
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD13	19	0.47
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD11	19	0.47
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD12	19	0.47
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD13	19	0.47
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD21	19	0.47
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD22	19	0.47
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD23	19	0.47
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD21	19	0.47
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD22	19	0.47
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD23	19	0.47
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD21	19	0.47
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD22	19	0.47
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD23	19	0.47
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD21	19	0.47
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD22	19	0.47
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD23	19	0.47
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD21	19	0.47
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD22	19	0.47
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD23	19	0.47
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD21	19	0.47
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD22	19	0.47
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD23	19	0.47
(2,2076)	1:31:A:PRO:HG2	1:36:A:PRO:HD2	6	0.47
(2,2076)	1:31:A:PRO:HG2	1:36:A:PRO:HD3	6	0.47
(2,2076)	1:31:A:PRO:HG3	1:36:A:PRO:HD2	6	0.47
(2,2076)	1:31:A:PRO:HG3	1:36:A:PRO:HD3	6	0.47
(2,1967)	1:10:A:ASN:HB3	1:14:A:VAL:HG11	18	0.47
(2,1967)	1:10:A:ASN:HB3	1:14:A:VAL:HG12	18	0.47
(2,1967)	1:10:A:ASN:HB3	1:14:A:VAL:HG13	18	0.47
(2,1967)	1:10:A:ASN:HB3	1:14:A:VAL:HG21	18	0.47
(2,1967)	1:10:A:ASN:HB3	1:14:A:VAL:HG22	18	0.47
(2,1967)	1:10:A:ASN:HB3	1:14:A:VAL:HG23	18	0.47
(2,1922)	1:18:A:PHE:HE1	1:57:A:LEU:HG	3	0.47
(2,1922)	1:18:A:PHE:HE2	1:57:A:LEU:HG	3	0.47
(2,1919)	1:18:A:PHE:HE1	1:131:A:LEU:H	6	0.47
(2,1919)	1:18:A:PHE:HE2	1:131:A:LEU:H	6	0.47
(2,1910)	1:104:A:PHE:HE1	1:105:A:LYS:H	17	0.47
(2,1910)	1:104:A:PHE:HE2	1:105:A:LYS:H	17	0.47
(2,1896)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	16	0.47
(2,1896)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	16	0.47
(2,1896)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	16	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1896)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	16	0.47
(2,1896)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	16	0.47
(2,1896)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	16	0.47
(2,1850)	1:9:A:PHE:HZ	1:54:A:ARG:HA	10	0.47
(2,1841)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	1	0.47
(2,1841)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	1	0.47
(2,1739)	1:13:A:ALA:HA	1:79:A:THR:HG21	10	0.47
(2,1739)	1:13:A:ALA:HA	1:79:A:THR:HG22	10	0.47
(2,1739)	1:13:A:ALA:HA	1:79:A:THR:HG23	10	0.47
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB2	14	0.47
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB3	14	0.47
(2,1675)	1:69:A:MET:HE1	1:116:A:GLN:HE22	19	0.47
(2,1675)	1:69:A:MET:HE2	1:116:A:GLN:HE22	19	0.47
(2,1675)	1:69:A:MET:HE3	1:116:A:GLN:HE22	19	0.47
(2,1590)	1:61:A:SER:H	1:63:A:ILE:HD11	17	0.47
(2,1590)	1:61:A:SER:H	1:63:A:ILE:HD12	17	0.47
(2,1590)	1:61:A:SER:H	1:63:A:ILE:HD13	17	0.47
(2,1578)	1:11:A:ILE:HD11	1:43:A:MET:H	2	0.47
(2,1578)	1:11:A:ILE:HD12	1:43:A:MET:H	2	0.47
(2,1578)	1:11:A:ILE:HD13	1:43:A:MET:H	2	0.47
(2,1516)	1:69:A:MET:HE1	1:110:A:MET:H	19	0.47
(2,1516)	1:69:A:MET:HE2	1:110:A:MET:H	19	0.47
(2,1516)	1:69:A:MET:HE3	1:110:A:MET:H	19	0.47
(2,1449)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	15	0.47
(2,1449)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	15	0.47
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG21	5	0.47
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG22	5	0.47
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG23	5	0.47
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG21	5	0.47
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG22	5	0.47
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG23	5	0.47
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG21	5	0.47
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG22	5	0.47
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG23	5	0.47
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	12	0.47
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	12	0.47
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	12	0.47
(2,1221)	1:144:A:LEU:HB3	1:144:A:LEU:HD11	10	0.47
(2,1221)	1:144:A:LEU:HB3	1:144:A:LEU:HD12	10	0.47
(2,1221)	1:144:A:LEU:HB3	1:144:A:LEU:HD13	10	0.47
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD21	17	0.47
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD22	17	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD23	17	0.47
(2,1161)	1:140:A:LEU:HD21	1:144:A:LEU:H	6	0.47
(2,1161)	1:140:A:LEU:HD22	1:144:A:LEU:H	6	0.47
(2,1161)	1:140:A:LEU:HD23	1:144:A:LEU:H	6	0.47
(2,1144)	1:37:A:LEU:HA	1:40:A:LEU:HB3	15	0.47
(2,1008)	1:34:A:LYS:H	1:81:A:GLU:HB2	9	0.47
(2,695)	1:98:A:ILE:H	1:104:A:PHE:H	16	0.47
(2,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	15	0.47
(2,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	15	0.47
(2,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	15	0.47
(2,155)	1:127:A:CYS:H	1:128:A:LEU:HG	14	0.47
(2,89)	1:96:A:VAL:H	1:97:A:ASP:H	10	0.47
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD11	11	0.47
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD12	11	0.47
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD13	11	0.47
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD21	11	0.47
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD22	11	0.47
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD23	11	0.47
(1,2402)	1:134:A:VAL:HG11	1:137:A:SER:H	18	0.47
(1,2402)	1:134:A:VAL:HG12	1:137:A:SER:H	18	0.47
(1,2402)	1:134:A:VAL:HG13	1:137:A:SER:H	18	0.47
(1,2402)	1:134:A:VAL:HG21	1:137:A:SER:H	18	0.47
(1,2402)	1:134:A:VAL:HG22	1:137:A:SER:H	18	0.47
(1,2402)	1:134:A:VAL:HG23	1:137:A:SER:H	18	0.47
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD11	2	0.47
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD12	2	0.47
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD13	2	0.47
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD21	2	0.47
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD22	2	0.47
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD23	2	0.47
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD11	2	0.47
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD12	2	0.47
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD13	2	0.47
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD21	2	0.47
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD22	2	0.47
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD23	2	0.47
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD11	2	0.47
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD12	2	0.47
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD13	2	0.47
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD21	2	0.47
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD22	2	0.47
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD23	2	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD11	2	0.47
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD12	2	0.47
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD13	2	0.47
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD21	2	0.47
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD22	2	0.47
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD23	2	0.47
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD11	2	0.47
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD12	2	0.47
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD13	2	0.47
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD21	2	0.47
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD22	2	0.47
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD23	2	0.47
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD11	2	0.47
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD12	2	0.47
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD13	2	0.47
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD21	2	0.47
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD22	2	0.47
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD23	2	0.47
(1,2210)	1:65:A:CYS:HB2	1:70:A:LYS:HA	8	0.47
(1,2210)	1:65:A:CYS:HB3	1:70:A:LYS:HA	8	0.47
(1,2138)	1:43:A:MET:HE1	1:131:A:LEU:HD11	7	0.47
(1,2138)	1:43:A:MET:HE1	1:131:A:LEU:HD12	7	0.47
(1,2138)	1:43:A:MET:HE1	1:131:A:LEU:HD13	7	0.47
(1,2138)	1:43:A:MET:HE1	1:131:A:LEU:HD21	7	0.47
(1,2138)	1:43:A:MET:HE1	1:131:A:LEU:HD22	7	0.47
(1,2138)	1:43:A:MET:HE1	1:131:A:LEU:HD23	7	0.47
(1,2138)	1:43:A:MET:HE2	1:131:A:LEU:HD11	7	0.47
(1,2138)	1:43:A:MET:HE2	1:131:A:LEU:HD12	7	0.47
(1,2138)	1:43:A:MET:HE2	1:131:A:LEU:HD13	7	0.47
(1,2138)	1:43:A:MET:HE2	1:131:A:LEU:HD21	7	0.47
(1,2138)	1:43:A:MET:HE2	1:131:A:LEU:HD22	7	0.47
(1,2138)	1:43:A:MET:HE2	1:131:A:LEU:HD23	7	0.47
(1,2138)	1:43:A:MET:HE3	1:131:A:LEU:HD11	7	0.47
(1,2138)	1:43:A:MET:HE3	1:131:A:LEU:HD12	7	0.47
(1,2138)	1:43:A:MET:HE3	1:131:A:LEU:HD13	7	0.47
(1,2138)	1:43:A:MET:HE3	1:131:A:LEU:HD21	7	0.47
(1,2138)	1:43:A:MET:HE3	1:131:A:LEU:HD22	7	0.47
(1,2138)	1:43:A:MET:HE3	1:131:A:LEU:HD23	7	0.47
(1,2026)	1:23:A:LEU:HD11	1:25:A:ALA:H	8	0.47
(1,2026)	1:23:A:LEU:HD12	1:25:A:ALA:H	8	0.47
(1,2026)	1:23:A:LEU:HD13	1:25:A:ALA:H	8	0.47
(1,2026)	1:23:A:LEU:HD21	1:25:A:ALA:H	8	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2026)	1:23:A:LEU:HD22	1:25:A:ALA:H	8	0.47
(1,2026)	1:23:A:LEU:HD23	1:25:A:ALA:H	8	0.47
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD11	8	0.47
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD12	8	0.47
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD13	8	0.47
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD21	8	0.47
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD22	8	0.47
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD23	8	0.47
(1,1993)	1:16:A:SER:HB2	1:43:A:MET:HE1	19	0.47
(1,1993)	1:16:A:SER:HB2	1:43:A:MET:HE2	19	0.47
(1,1993)	1:16:A:SER:HB2	1:43:A:MET:HE3	19	0.47
(1,1993)	1:16:A:SER:HB3	1:43:A:MET:HE1	19	0.47
(1,1993)	1:16:A:SER:HB3	1:43:A:MET:HE2	19	0.47
(1,1993)	1:16:A:SER:HB3	1:43:A:MET:HE3	19	0.47
(1,1992)	1:16:A:SER:HB2	1:19:A:ALA:HB1	11	0.47
(1,1992)	1:16:A:SER:HB2	1:19:A:ALA:HB2	11	0.47
(1,1992)	1:16:A:SER:HB2	1:19:A:ALA:HB3	11	0.47
(1,1992)	1:16:A:SER:HB3	1:19:A:ALA:HB1	11	0.47
(1,1992)	1:16:A:SER:HB3	1:19:A:ALA:HB2	11	0.47
(1,1992)	1:16:A:SER:HB3	1:19:A:ALA:HB3	11	0.47
(1,1944)	1:10:A:ASN:HB3	1:14:A:VAL:HG11	18	0.47
(1,1944)	1:10:A:ASN:HB3	1:14:A:VAL:HG12	18	0.47
(1,1944)	1:10:A:ASN:HB3	1:14:A:VAL:HG13	18	0.47
(1,1944)	1:10:A:ASN:HB3	1:14:A:VAL:HG21	18	0.47
(1,1944)	1:10:A:ASN:HB3	1:14:A:VAL:HG22	18	0.47
(1,1944)	1:10:A:ASN:HB3	1:14:A:VAL:HG23	18	0.47
(1,1940)	1:9:A:PHE:HE1	1:14:A:VAL:HG11	5	0.47
(1,1940)	1:9:A:PHE:HE1	1:14:A:VAL:HG12	5	0.47
(1,1940)	1:9:A:PHE:HE1	1:14:A:VAL:HG13	5	0.47
(1,1940)	1:9:A:PHE:HE1	1:14:A:VAL:HG21	5	0.47
(1,1940)	1:9:A:PHE:HE1	1:14:A:VAL:HG22	5	0.47
(1,1940)	1:9:A:PHE:HE1	1:14:A:VAL:HG23	5	0.47
(1,1940)	1:9:A:PHE:HE2	1:14:A:VAL:HG11	5	0.47
(1,1940)	1:9:A:PHE:HE2	1:14:A:VAL:HG12	5	0.47
(1,1940)	1:9:A:PHE:HE2	1:14:A:VAL:HG13	5	0.47
(1,1940)	1:9:A:PHE:HE2	1:14:A:VAL:HG21	5	0.47
(1,1940)	1:9:A:PHE:HE2	1:14:A:VAL:HG22	5	0.47
(1,1940)	1:9:A:PHE:HE2	1:14:A:VAL:HG23	5	0.47
(1,1934)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	9	0.47
(1,1934)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	9	0.47
(1,1872)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	16	0.47
(1,1860)	1:80:A:TYR:HE1	1:81:A:GLU:HB3	4	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1860)	1:80:A:TYR:HE2	1:81:A:GLU:HB3	4	0.47
(1,1816)	1:104:A:PHE:HE1	1:105:A:LYS:HA	17	0.47
(1,1816)	1:104:A:PHE:HE2	1:105:A:LYS:HA	17	0.47
(1,1658)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	1	0.47
(1,1658)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	1	0.47
(1,1658)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	1	0.47
(1,1591)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	8	0.47
(1,1591)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	8	0.47
(1,1591)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	8	0.47
(1,1577)	1:11:A:ILE:HD11	1:43:A:MET:H	2	0.47
(1,1577)	1:11:A:ILE:HD12	1:43:A:MET:H	2	0.47
(1,1577)	1:11:A:ILE:HD13	1:43:A:MET:H	2	0.47
(1,1530)	1:69:A:MET:HE1	1:110:A:MET:H	19	0.47
(1,1530)	1:69:A:MET:HE2	1:110:A:MET:H	19	0.47
(1,1530)	1:69:A:MET:HE3	1:110:A:MET:H	19	0.47
(1,1523)	1:98:A:ILE:HG21	1:101:A:ILE:HB	19	0.47
(1,1523)	1:98:A:ILE:HG22	1:101:A:ILE:HB	19	0.47
(1,1523)	1:98:A:ILE:HG23	1:101:A:ILE:HB	19	0.47
(1,1489)	1:101:A:ILE:HG21	1:115:A:ALA:HA	13	0.47
(1,1489)	1:101:A:ILE:HG22	1:115:A:ALA:HA	13	0.47
(1,1489)	1:101:A:ILE:HG23	1:115:A:ALA:HA	13	0.47
(1,1477)	1:67:A:PRO:HD3	1:95:A:ILE:HA	11	0.47
(1,1412)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	4	0.47
(1,1412)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	4	0.47
(1,1412)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	4	0.47
(1,1386)	1:49:A:LYS:HG2	1:50:A:ALA:HA	18	0.47
(1,1386)	1:49:A:LYS:HG3	1:50:A:ALA:HA	18	0.47
(1,1260)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	14	0.47
(1,1260)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	14	0.47
(1,1260)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	14	0.47
(1,1260)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	14	0.47
(1,1260)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	14	0.47
(1,1260)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	14	0.47
(1,1260)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	14	0.47
(1,1260)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	14	0.47
(1,1260)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	14	0.47
(1,1014)	1:63:A:ILE:HA	1:64:A:LYS:HD2	16	0.47
(1,1014)	1:63:A:ILE:HA	1:64:A:LYS:HD3	16	0.47
(1,918)	1:21:A:THR:HB	1:23:A:LEU:H	11	0.47
(1,783)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	10	0.47
(1,783)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	10	0.47
(1,783)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	10	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,587)	1:126:A:GLY:H	1:128:A:LEU:HG	11	0.47
(1,396)	1:105:A:LYS:HD2	1:106:A:ASP:H	14	0.47
(1,396)	1:105:A:LYS:HD3	1:106:A:ASP:H	14	0.47
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB1	1	0.47
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB2	1	0.47
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB3	1	0.47
(1,82)	1:23:A:LEU:H	1:26:A:ASP:HB2	3	0.47
(1,82)	1:23:A:LEU:H	1:26:A:ASP:HB3	3	0.47
(1,7)	1:39:A:VAL:HG11	1:143:A:TRP:HE1	10	0.47
(1,7)	1:39:A:VAL:HG12	1:143:A:TRP:HE1	10	0.47
(1,7)	1:39:A:VAL:HG13	1:143:A:TRP:HE1	10	0.47
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD11	11	0.46
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD12	11	0.46
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD13	11	0.46
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD21	11	0.46
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD22	11	0.46
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD23	11	0.46
(34,2287)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	7	0.46
(34,2287)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	7	0.46
(34,2287)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	7	0.46
(34,2287)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	7	0.46
(34,2287)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	7	0.46
(34,2287)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	7	0.46
(34,2287)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	7	0.46
(34,2287)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	7	0.46
(34,2287)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	7	0.46
(34,2287)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	7	0.46
(34,2287)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	7	0.46
(34,2287)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	7	0.46
(34,2234)	1:68:A:LYS:H	1:69:A:MET:HG2	12	0.46
(34,2234)	1:68:A:LYS:H	1:69:A:MET:HG3	12	0.46
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD11	5	0.46
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD12	5	0.46
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD13	5	0.46
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD21	5	0.46
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD22	5	0.46
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD23	5	0.46
(34,2166)	1:47:A:ALA:H	1:134:A:VAL:HG11	12	0.46
(34,2166)	1:47:A:ALA:H	1:134:A:VAL:HG12	12	0.46
(34,2166)	1:47:A:ALA:H	1:134:A:VAL:HG13	12	0.46
(34,2166)	1:47:A:ALA:H	1:134:A:VAL:HG21	12	0.46
(34,2166)	1:47:A:ALA:H	1:134:A:VAL:HG22	12	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2166)	1:47:A:ALA:H	1:134:A:VAL:HG23	12	0.46
(34,2141)	1:40:A:LEU:HD11	1:44:A:GLU:HG2	19	0.46
(34,2141)	1:40:A:LEU:HD12	1:44:A:GLU:HG2	19	0.46
(34,2141)	1:40:A:LEU:HD13	1:44:A:GLU:HG2	19	0.46
(34,2141)	1:40:A:LEU:HD21	1:44:A:GLU:HG2	19	0.46
(34,2141)	1:40:A:LEU:HD22	1:44:A:GLU:HG2	19	0.46
(34,2141)	1:40:A:LEU:HD23	1:44:A:GLU:HG2	19	0.46
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD11	13	0.46
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD12	13	0.46
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD13	13	0.46
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD21	13	0.46
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD22	13	0.46
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD23	13	0.46
(34,2085)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	3	0.46
(34,2085)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	3	0.46
(34,2085)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	3	0.46
(34,2085)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	3	0.46
(34,2085)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	3	0.46
(34,2085)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	3	0.46
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD11	12	0.46
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD12	12	0.46
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD13	12	0.46
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD21	12	0.46
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD22	12	0.46
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD23	12	0.46
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD11	12	0.46
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD12	12	0.46
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD13	12	0.46
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD21	12	0.46
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD22	12	0.46
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD23	12	0.46
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD11	18	0.46
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD12	18	0.46
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD13	18	0.46
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD21	18	0.46
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD22	18	0.46
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD23	18	0.46
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	8	0.46
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	8	0.46
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	8	0.46
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	8	0.46
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	8	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	8	0.46
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	8	0.46
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	8	0.46
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	8	0.46
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	8	0.46
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	8	0.46
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	8	0.46
(34,1795)	1:34:A:LYS:H	1:80:A:TYR:HD1	14	0.46
(34,1795)	1:34:A:LYS:H	1:80:A:TYR:HD2	14	0.46
(34,1785)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	9	0.46
(34,1785)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	9	0.46
(34,1735)	1:19:A:ALA:HB1	1:21:A:THR:HG21	10	0.46
(34,1735)	1:19:A:ALA:HB1	1:21:A:THR:HG22	10	0.46
(34,1735)	1:19:A:ALA:HB1	1:21:A:THR:HG23	10	0.46
(34,1735)	1:19:A:ALA:HB2	1:21:A:THR:HG21	10	0.46
(34,1735)	1:19:A:ALA:HB2	1:21:A:THR:HG22	10	0.46
(34,1735)	1:19:A:ALA:HB2	1:21:A:THR:HG23	10	0.46
(34,1735)	1:19:A:ALA:HB3	1:21:A:THR:HG21	10	0.46
(34,1735)	1:19:A:ALA:HB3	1:21:A:THR:HG22	10	0.46
(34,1735)	1:19:A:ALA:HB3	1:21:A:THR:HG23	10	0.46
(34,1715)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	1	0.46
(34,1715)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	1	0.46
(34,1589)	1:57:A:LEU:H	1:58:A:ILE:HD11	13	0.46
(34,1589)	1:57:A:LEU:H	1:58:A:ILE:HD12	13	0.46
(34,1589)	1:57:A:LEU:H	1:58:A:ILE:HD13	13	0.46
(34,1569)	1:39:A:VAL:H	1:139:A:LEU:HD11	13	0.46
(34,1569)	1:39:A:VAL:H	1:139:A:LEU:HD12	13	0.46
(34,1569)	1:39:A:VAL:H	1:139:A:LEU:HD13	13	0.46
(34,1557)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	7	0.46
(34,1557)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	7	0.46
(34,1557)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	7	0.46
(34,1557)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	7	0.46
(34,1557)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	7	0.46
(34,1557)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	7	0.46
(34,1526)	1:98:A:ILE:HG21	1:101:A:ILE:HB	3	0.46
(34,1526)	1:98:A:ILE:HG22	1:101:A:ILE:HB	3	0.46
(34,1526)	1:98:A:ILE:HG23	1:101:A:ILE:HB	3	0.46
(34,1445)	1:119:A:LEU:HA	1:121:A:VAL:HG21	10	0.46
(34,1445)	1:119:A:LEU:HA	1:121:A:VAL:HG22	10	0.46
(34,1445)	1:119:A:LEU:HA	1:121:A:VAL:HG23	10	0.46
(34,1443)	1:121:A:VAL:H	1:121:A:VAL:HG21	11	0.46
(34,1443)	1:121:A:VAL:H	1:121:A:VAL:HG22	11	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1443)	1:121:A:VAL:H	1:121:A:VAL:HG23	11	0.46
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	7	0.46
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	7	0.46
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	7	0.46
(34,1277)	1:37:A:LEU:HD11	1:38:A:GLU:HA	8	0.46
(34,1277)	1:37:A:LEU:HD12	1:38:A:GLU:HA	8	0.46
(34,1277)	1:37:A:LEU:HD13	1:38:A:GLU:HA	8	0.46
(34,1277)	1:37:A:LEU:HD11	1:38:A:GLU:HA	15	0.46
(34,1277)	1:37:A:LEU:HD12	1:38:A:GLU:HA	15	0.46
(34,1277)	1:37:A:LEU:HD13	1:38:A:GLU:HA	15	0.46
(34,1064)	1:11:A:ILE:HB	1:44:A:GLU:HB2	17	0.46
(34,1064)	1:11:A:ILE:HB	1:44:A:GLU:HB3	17	0.46
(34,1018)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	4	0.46
(34,1018)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	4	0.46
(34,1018)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	15	0.46
(34,1018)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	15	0.46
(34,940)	1:125:A:THR:HB	1:128:A:LEU:HB2	3	0.46
(34,937)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	10	0.46
(34,937)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	10	0.46
(34,937)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	10	0.46
(34,914)	1:69:A:MET:HE1	1:73:A:ILE:HB	19	0.46
(34,914)	1:69:A:MET:HE2	1:73:A:ILE:HB	19	0.46
(34,914)	1:69:A:MET:HE3	1:73:A:ILE:HB	19	0.46
(34,866)	1:18:A:PHE:HZ	1:60:A:LEU:HB2	10	0.46
(34,764)	1:37:A:LEU:H	1:40:A:LEU:HB3	16	0.46
(34,221)	1:110:A:MET:HG2	1:114:A:ILE:H	19	0.46
(34,221)	1:110:A:MET:HG3	1:114:A:ILE:H	19	0.46
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD11	1	0.46
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD12	1	0.46
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD13	1	0.46
(34,111)	1:69:A:MET:H	1:70:A:LYS:HG2	19	0.46
(34,60)	1:34:A:LYS:H	1:81:A:GLU:H	13	0.46
(34,16)	1:64:A:LYS:H	1:64:A:LYS:HD2	1	0.46
(34,16)	1:64:A:LYS:H	1:64:A:LYS:HD3	1	0.46
(33,2254)	1:69:A:MET:HG2	1:73:A:ILE:HD11	19	0.46
(33,2254)	1:69:A:MET:HG2	1:73:A:ILE:HD12	19	0.46
(33,2254)	1:69:A:MET:HG2	1:73:A:ILE:HD13	19	0.46
(33,2254)	1:69:A:MET:HG3	1:73:A:ILE:HD11	19	0.46
(33,2254)	1:69:A:MET:HG3	1:73:A:ILE:HD12	19	0.46
(33,2254)	1:69:A:MET:HG3	1:73:A:ILE:HD13	19	0.46
(33,2233)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	17	0.46
(33,2233)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	17	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2233)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	17	0.46
(33,2233)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	17	0.46
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD11	16	0.46
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD12	16	0.46
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD13	16	0.46
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD21	16	0.46
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD22	16	0.46
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD23	16	0.46
(33,2007)	1:16:A:SER:H	1:131:A:LEU:HD11	18	0.46
(33,2007)	1:16:A:SER:H	1:131:A:LEU:HD12	18	0.46
(33,2007)	1:16:A:SER:H	1:131:A:LEU:HD13	18	0.46
(33,2007)	1:16:A:SER:H	1:131:A:LEU:HD21	18	0.46
(33,2007)	1:16:A:SER:H	1:131:A:LEU:HD22	18	0.46
(33,2007)	1:16:A:SER:H	1:131:A:LEU:HD23	18	0.46
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD11	12	0.46
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD12	12	0.46
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD13	12	0.46
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD21	12	0.46
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD22	12	0.46
(33,1979)	1:13:A:ALA:HB1	1:30:A:LEU:HD23	12	0.46
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD11	12	0.46
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD12	12	0.46
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD13	12	0.46
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD21	12	0.46
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD22	12	0.46
(33,1979)	1:13:A:ALA:HB2	1:30:A:LEU:HD23	12	0.46
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD11	12	0.46
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD12	12	0.46
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD13	12	0.46
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD21	12	0.46
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD22	12	0.46
(33,1979)	1:13:A:ALA:HB3	1:30:A:LEU:HD23	12	0.46
(33,1942)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	17	0.46
(33,1942)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	17	0.46
(33,1942)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	17	0.46
(33,1942)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	17	0.46
(33,1883)	1:104:A:PHE:HE1	1:105:A:LYS:H	4	0.46
(33,1883)	1:104:A:PHE:HE2	1:105:A:LYS:H	4	0.46
(33,1778)	1:34:A:LYS:H	1:80:A:TYR:HD1	14	0.46
(33,1778)	1:34:A:LYS:H	1:80:A:TYR:HD2	14	0.46
(33,1768)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	9	0.46
(33,1768)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	9	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1735)	1:105:A:LYS:HG3	1:106:A:ASP:HA	13	0.46
(33,1733)	1:31:A:PRO:HB2	1:35:A:LEU:HA	12	0.46
(33,1733)	1:31:A:PRO:HB3	1:35:A:LEU:HA	12	0.46
(33,1667)	1:125:A:THR:HA	1:128:A:LEU:HA	7	0.46
(33,1643)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	6	0.46
(33,1643)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	6	0.46
(33,1643)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	6	0.46
(33,1643)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	6	0.46
(33,1643)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	6	0.46
(33,1643)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	6	0.46
(33,1643)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	6	0.46
(33,1643)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	6	0.46
(33,1643)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	6	0.46
(33,1508)	1:69:A:MET:HE1	1:114:A:ILE:H	11	0.46
(33,1508)	1:69:A:MET:HE2	1:114:A:ILE:H	11	0.46
(33,1508)	1:69:A:MET:HE3	1:114:A:ILE:H	11	0.46
(33,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG21	10	0.46
(33,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG22	10	0.46
(33,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG23	10	0.46
(33,1426)	1:121:A:VAL:H	1:121:A:VAL:HG21	11	0.46
(33,1426)	1:121:A:VAL:H	1:121:A:VAL:HG22	11	0.46
(33,1426)	1:121:A:VAL:H	1:121:A:VAL:HG23	11	0.46
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG11	4	0.46
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG12	4	0.46
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG13	4	0.46
(33,1309)	1:66:A:THR:HG21	1:96:A:VAL:HB	10	0.46
(33,1309)	1:66:A:THR:HG22	1:96:A:VAL:HB	10	0.46
(33,1309)	1:66:A:THR:HG23	1:96:A:VAL:HB	10	0.46
(33,1297)	1:66:A:THR:HG21	1:96:A:VAL:H	4	0.46
(33,1297)	1:66:A:THR:HG22	1:96:A:VAL:H	4	0.46
(33,1297)	1:66:A:THR:HG23	1:96:A:VAL:H	4	0.46
(33,1267)	1:23:A:LEU:HA	1:23:A:LEU:HD11	4	0.46
(33,1267)	1:23:A:LEU:HA	1:23:A:LEU:HD12	4	0.46
(33,1267)	1:23:A:LEU:HA	1:23:A:LEU:HD13	4	0.46
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD21	10	0.46
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD22	10	0.46
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD23	10	0.46
(33,1180)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	7	0.46
(33,1180)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	7	0.46
(33,1180)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	7	0.46
(33,1180)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	7	0.46
(33,1180)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	7	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1180)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	7	0.46
(33,1003)	1:98:A:ILE:HB	1:105:A:LYS:HB2	17	0.46
(33,1003)	1:98:A:ILE:HB	1:105:A:LYS:HB3	17	0.46
(33,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	10	0.46
(33,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	10	0.46
(33,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	10	0.46
(33,817)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	13	0.46
(33,817)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	13	0.46
(33,817)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	13	0.46
(33,796)	1:63:A:ILE:HD11	1:117:A:VAL:HB	12	0.46
(33,796)	1:63:A:ILE:HD12	1:117:A:VAL:HB	12	0.46
(33,796)	1:63:A:ILE:HD13	1:117:A:VAL:HB	12	0.46
(33,740)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	12	0.46
(33,510)	1:105:A:LYS:H	1:106:A:ASP:HB3	17	0.46
(33,495)	1:105:A:LYS:H	1:105:A:LYS:HG2	13	0.46
(33,214)	1:110:A:MET:HG2	1:114:A:ILE:H	19	0.46
(33,214)	1:110:A:MET:HG3	1:114:A:ILE:H	19	0.46
(33,188)	1:44:A:GLU:H	1:44:A:GLU:HG3	11	0.46
(33,119)	1:79:A:THR:HA	1:80:A:TYR:H	5	0.46
(33,119)	1:79:A:THR:HA	1:80:A:TYR:H	6	0.46
(33,13)	1:64:A:LYS:H	1:116:A:GLN:HG3	10	0.46
(32,2469)	1:140:A:LEU:HD11	1:143:A:TRP:HD1	13	0.46
(32,2469)	1:140:A:LEU:HD12	1:143:A:TRP:HD1	13	0.46
(32,2469)	1:140:A:LEU:HD13	1:143:A:TRP:HD1	13	0.46
(32,2469)	1:140:A:LEU:HD21	1:143:A:TRP:HD1	13	0.46
(32,2469)	1:140:A:LEU:HD22	1:143:A:TRP:HD1	13	0.46
(32,2469)	1:140:A:LEU:HD23	1:143:A:TRP:HD1	13	0.46
(32,2238)	1:68:A:LYS:H	1:69:A:MET:HG2	12	0.46
(32,2238)	1:68:A:LYS:H	1:69:A:MET:HG3	12	0.46
(32,2093)	1:39:A:VAL:HG11	1:44:A:GLU:H	7	0.46
(32,2093)	1:39:A:VAL:HG12	1:44:A:GLU:H	7	0.46
(32,2093)	1:39:A:VAL:HG13	1:44:A:GLU:H	7	0.46
(32,2093)	1:39:A:VAL:HG21	1:44:A:GLU:H	7	0.46
(32,2093)	1:39:A:VAL:HG22	1:44:A:GLU:H	7	0.46
(32,2093)	1:39:A:VAL:HG23	1:44:A:GLU:H	7	0.46
(32,1973)	1:16:A:SER:H	1:131:A:LEU:HD11	18	0.46
(32,1973)	1:16:A:SER:H	1:131:A:LEU:HD12	18	0.46
(32,1973)	1:16:A:SER:H	1:131:A:LEU:HD13	18	0.46
(32,1973)	1:16:A:SER:H	1:131:A:LEU:HD21	18	0.46
(32,1973)	1:16:A:SER:H	1:131:A:LEU:HD22	18	0.46
(32,1973)	1:16:A:SER:H	1:131:A:LEU:HD23	18	0.46
(32,1898)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	16	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1898)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	16	0.46
(32,1787)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	7	0.46
(32,1787)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	7	0.46
(32,1787)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	7	0.46
(32,1757)	1:71:A:LYS:HE2	1:72:A:PHE:HD1	18	0.46
(32,1757)	1:71:A:LYS:HE2	1:72:A:PHE:HD2	18	0.46
(32,1757)	1:71:A:LYS:HE3	1:72:A:PHE:HD1	18	0.46
(32,1757)	1:71:A:LYS:HE3	1:72:A:PHE:HD2	18	0.46
(32,1733)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	9	0.46
(32,1733)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	9	0.46
(32,1695)	1:31:A:PRO:HB2	1:35:A:LEU:HA	17	0.46
(32,1695)	1:31:A:PRO:HB3	1:35:A:LEU:HA	17	0.46
(32,1676)	1:14:A:VAL:H	1:79:A:THR:HG21	14	0.46
(32,1676)	1:14:A:VAL:H	1:79:A:THR:HG22	14	0.46
(32,1676)	1:14:A:VAL:H	1:79:A:THR:HG23	14	0.46
(32,1632)	1:125:A:THR:HA	1:128:A:LEU:HA	7	0.46
(32,1395)	1:121:A:VAL:H	1:121:A:VAL:HG21	11	0.46
(32,1395)	1:121:A:VAL:H	1:121:A:VAL:HG22	11	0.46
(32,1395)	1:121:A:VAL:H	1:121:A:VAL:HG23	11	0.46
(32,958)	1:104:A:PHE:H	1:105:A:LYS:HD2	4	0.46
(32,958)	1:104:A:PHE:H	1:105:A:LYS:HD3	4	0.46
(32,948)	1:46:A:ASN:HB2	1:134:A:VAL:HB	9	0.46
(32,915)	1:67:A:PRO:HA	1:70:A:LYS:HB2	1	0.46
(32,915)	1:67:A:PRO:HA	1:70:A:LYS:HB3	1	0.46
(32,876)	1:69:A:MET:HE1	1:73:A:ILE:HB	19	0.46
(32,876)	1:69:A:MET:HE2	1:73:A:ILE:HB	19	0.46
(32,876)	1:69:A:MET:HE3	1:73:A:ILE:HB	19	0.46
(32,816)	1:69:A:MET:HE1	1:114:A:ILE:HD11	6	0.46
(32,816)	1:69:A:MET:HE1	1:114:A:ILE:HD12	6	0.46
(32,816)	1:69:A:MET:HE1	1:114:A:ILE:HD13	6	0.46
(32,816)	1:69:A:MET:HE2	1:114:A:ILE:HD11	6	0.46
(32,816)	1:69:A:MET:HE2	1:114:A:ILE:HD12	6	0.46
(32,816)	1:69:A:MET:HE2	1:114:A:ILE:HD13	6	0.46
(32,816)	1:69:A:MET:HE3	1:114:A:ILE:HD11	6	0.46
(32,816)	1:69:A:MET:HE3	1:114:A:ILE:HD12	6	0.46
(32,816)	1:69:A:MET:HE3	1:114:A:ILE:HD13	6	0.46
(32,799)	1:98:A:ILE:HD11	1:101:A:ILE:HB	1	0.46
(32,799)	1:98:A:ILE:HD12	1:101:A:ILE:HB	1	0.46
(32,799)	1:98:A:ILE:HD13	1:101:A:ILE:HB	1	0.46
(32,795)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	13	0.46
(32,795)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	13	0.46
(32,795)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	13	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,680)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	14	0.46
(32,680)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	14	0.46
(32,499)	1:105:A:LYS:H	1:106:A:ASP:HB3	17	0.46
(32,384)	1:105:A:LYS:HD2	1:106:A:ASP:H	14	0.46
(32,384)	1:105:A:LYS:HD3	1:106:A:ASP:H	14	0.46
(32,344)	1:104:A:PHE:H	1:104:A:PHE:HD1	11	0.46
(32,344)	1:104:A:PHE:H	1:104:A:PHE:HD2	11	0.46
(32,208)	1:110:A:MET:HG2	1:114:A:ILE:H	19	0.46
(32,208)	1:110:A:MET:HG3	1:114:A:ILE:H	19	0.46
(32,118)	1:79:A:THR:HA	1:80:A:TYR:H	5	0.46
(32,118)	1:79:A:THR:HA	1:80:A:TYR:H	6	0.46
(32,57)	1:34:A:LYS:H	1:81:A:GLU:H	13	0.46
(32,49)	1:98:A:ILE:H	1:101:A:ILE:HG13	17	0.46
(30,2244)	1:68:A:LYS:H	1:69:A:MET:HG2	12	0.46
(30,2244)	1:68:A:LYS:H	1:69:A:MET:HG3	12	0.46
(30,2146)	1:40:A:LEU:HD11	1:44:A:GLU:H	19	0.46
(30,2146)	1:40:A:LEU:HD12	1:44:A:GLU:H	19	0.46
(30,2146)	1:40:A:LEU:HD13	1:44:A:GLU:H	19	0.46
(30,2146)	1:40:A:LEU:HD21	1:44:A:GLU:H	19	0.46
(30,2146)	1:40:A:LEU:HD22	1:44:A:GLU:H	19	0.46
(30,2146)	1:40:A:LEU:HD23	1:44:A:GLU:H	19	0.46
(30,2083)	1:35:A:LEU:HD11	1:143:A:TRP:HB2	3	0.46
(30,2083)	1:35:A:LEU:HD12	1:143:A:TRP:HB2	3	0.46
(30,2083)	1:35:A:LEU:HD13	1:143:A:TRP:HB2	3	0.46
(30,2083)	1:35:A:LEU:HD21	1:143:A:TRP:HB2	3	0.46
(30,2083)	1:35:A:LEU:HD22	1:143:A:TRP:HB2	3	0.46
(30,2083)	1:35:A:LEU:HD23	1:143:A:TRP:HB2	3	0.46
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	12	0.46
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	12	0.46
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	12	0.46
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	12	0.46
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	12	0.46
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	12	0.46
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	12	0.46
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	12	0.46
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	12	0.46
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	12	0.46
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	12	0.46
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	12	0.46
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	12	0.46
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	12	0.46
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	12	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	12	0.46
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	12	0.46
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	12	0.46
(30,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	15	0.46
(30,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	15	0.46
(30,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	15	0.46
(30,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	15	0.46
(30,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	15	0.46
(30,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	15	0.46
(30,1868)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	14	0.46
(30,1868)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	14	0.46
(30,1844)	1:13:A:ALA:HA	1:80:A:TYR:HE1	12	0.46
(30,1844)	1:13:A:ALA:HA	1:80:A:TYR:HE2	12	0.46
(30,1823)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	7	0.46
(30,1823)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	7	0.46
(30,1823)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	7	0.46
(30,1783)	1:34:A:LYS:H	1:80:A:TYR:HD1	14	0.46
(30,1783)	1:34:A:LYS:H	1:80:A:TYR:HD2	14	0.46
(30,1774)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	9	0.46
(30,1774)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	9	0.46
(30,1766)	1:39:A:VAL:HG21	1:144:A:LEU:H	19	0.46
(30,1766)	1:39:A:VAL:HG22	1:144:A:LEU:H	19	0.46
(30,1766)	1:39:A:VAL:HG23	1:144:A:LEU:H	19	0.46
(30,1681)	1:125:A:THR:HA	1:128:A:LEU:HA	7	0.46
(30,1539)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	7	0.46
(30,1539)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	7	0.46
(30,1539)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	7	0.46
(30,1539)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	7	0.46
(30,1539)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	7	0.46
(30,1539)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	7	0.46
(30,1509)	1:98:A:ILE:HG21	1:101:A:ILE:HB	3	0.46
(30,1509)	1:98:A:ILE:HG22	1:101:A:ILE:HB	3	0.46
(30,1509)	1:98:A:ILE:HG23	1:101:A:ILE:HB	3	0.46
(30,1430)	1:121:A:VAL:H	1:121:A:VAL:HG21	11	0.46
(30,1430)	1:121:A:VAL:H	1:121:A:VAL:HG22	11	0.46
(30,1430)	1:121:A:VAL:H	1:121:A:VAL:HG23	11	0.46
(30,1299)	1:66:A:THR:HG21	1:96:A:VAL:HB	10	0.46
(30,1299)	1:66:A:THR:HG22	1:96:A:VAL:HB	10	0.46
(30,1299)	1:66:A:THR:HG23	1:96:A:VAL:HB	10	0.46
(30,1245)	1:37:A:LEU:HD11	1:38:A:GLU:HA	8	0.46
(30,1245)	1:37:A:LEU:HD12	1:38:A:GLU:HA	8	0.46
(30,1245)	1:37:A:LEU:HD13	1:38:A:GLU:HA	8	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1245)	1:37:A:LEU:HD11	1:38:A:GLU:HA	15	0.46
(30,1245)	1:37:A:LEU:HD12	1:38:A:GLU:HA	15	0.46
(30,1245)	1:37:A:LEU:HD13	1:38:A:GLU:HA	15	0.46
(30,1009)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	10	0.46
(30,1009)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	10	0.46
(30,1009)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	10	0.46
(30,1009)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	10	0.46
(30,1009)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	10	0.46
(30,1009)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	10	0.46
(30,946)	1:40:A:LEU:HA	1:43:A:MET:HG2	2	0.46
(30,940)	1:67:A:PRO:HA	1:70:A:LYS:HB2	1	0.46
(30,940)	1:67:A:PRO:HA	1:70:A:LYS:HB3	1	0.46
(30,908)	1:44:A:GLU:HA	1:44:A:GLU:HG2	3	0.46
(30,908)	1:44:A:GLU:HA	1:44:A:GLU:HG2	13	0.46
(30,889)	1:69:A:MET:HE1	1:73:A:ILE:HB	19	0.46
(30,889)	1:69:A:MET:HE2	1:73:A:ILE:HB	19	0.46
(30,889)	1:69:A:MET:HE3	1:73:A:ILE:HB	19	0.46
(30,870)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	5	0.46
(30,870)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	5	0.46
(30,870)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	5	0.46
(30,796)	1:55:A:GLY:H	1:58:A:ILE:HD11	12	0.46
(30,796)	1:55:A:GLY:H	1:58:A:ILE:HD12	12	0.46
(30,796)	1:55:A:GLY:H	1:58:A:ILE:HD13	12	0.46
(30,790)	1:63:A:ILE:HD11	1:117:A:VAL:HB	12	0.46
(30,790)	1:63:A:ILE:HD12	1:117:A:VAL:HB	12	0.46
(30,790)	1:63:A:ILE:HD13	1:117:A:VAL:HB	12	0.46
(30,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	9	0.46
(30,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	9	0.46
(30,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	9	0.46
(30,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	9	0.46
(30,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	9	0.46
(30,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	9	0.46
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	6	0.46
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	6	0.46
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	6	0.46
(30,738)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	12	0.46
(30,650)	1:66:A:THR:H	1:70:A:LYS:H	14	0.46
(30,389)	1:106:A:ASP:H	1:112:A:GLN:HE21	19	0.46
(30,217)	1:110:A:MET:HG2	1:114:A:ILE:H	19	0.46
(30,217)	1:110:A:MET:HG3	1:114:A:ILE:H	19	0.46
(30,122)	1:79:A:THR:HA	1:80:A:TYR:H	5	0.46
(30,122)	1:79:A:THR:HA	1:80:A:TYR:H	6	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,116)	1:22:A:ASP:H	1:23:A:LEU:HB2	3	0.46
(30,116)	1:22:A:ASP:H	1:23:A:LEU:HB3	3	0.46
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD11	11	0.46
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD12	11	0.46
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD13	11	0.46
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD21	11	0.46
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD22	11	0.46
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD23	11	0.46
(29,2233)	1:68:A:LYS:H	1:69:A:MET:HG2	12	0.46
(29,2233)	1:68:A:LYS:H	1:69:A:MET:HG3	12	0.46
(29,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	1	0.46
(29,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	1	0.46
(29,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	1	0.46
(29,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	1	0.46
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	1	0.46
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	1	0.46
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	1	0.46
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	1	0.46
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	1	0.46
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	1	0.46
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	1	0.46
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	1	0.46
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	1	0.46
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	1	0.46
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	1	0.46
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	1	0.46
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD11	11	0.46
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD12	11	0.46
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD13	11	0.46
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD21	11	0.46
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD22	11	0.46
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD23	11	0.46
(29,2029)	1:16:A:SER:H	1:131:A:LEU:HD11	18	0.46
(29,2029)	1:16:A:SER:H	1:131:A:LEU:HD12	18	0.46
(29,2029)	1:16:A:SER:H	1:131:A:LEU:HD13	18	0.46
(29,2029)	1:16:A:SER:H	1:131:A:LEU:HD21	18	0.46
(29,2029)	1:16:A:SER:H	1:131:A:LEU:HD22	18	0.46
(29,2029)	1:16:A:SER:H	1:131:A:LEU:HD23	18	0.46
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	12	0.46
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	12	0.46
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	12	0.46
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	12	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	12	0.46
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	12	0.46
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	12	0.46
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	12	0.46
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	12	0.46
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	12	0.46
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	12	0.46
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	12	0.46
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	12	0.46
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	12	0.46
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	12	0.46
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	12	0.46
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	12	0.46
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	12	0.46
(29,1997)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	1	0.46
(29,1997)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	1	0.46
(29,1997)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	1	0.46
(29,1997)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	1	0.46
(29,1997)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	1	0.46
(29,1997)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	1	0.46
(29,1997)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	1	0.46
(29,1997)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	1	0.46
(29,1997)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	1	0.46
(29,1997)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	1	0.46
(29,1997)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	1	0.46
(29,1997)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	1	0.46
(29,1860)	1:59:A:CYS:HA	1:62:A:HIS:HD2	2	0.46
(29,1854)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	7	0.46
(29,1854)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	7	0.46
(29,1854)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	7	0.46
(29,1816)	1:71:A:LYS:HE2	1:72:A:PHE:HD1	16	0.46
(29,1816)	1:71:A:LYS:HE2	1:72:A:PHE:HD2	16	0.46
(29,1816)	1:71:A:LYS:HE3	1:72:A:PHE:HD1	16	0.46
(29,1816)	1:71:A:LYS:HE3	1:72:A:PHE:HD2	16	0.46
(29,1803)	1:34:A:LYS:H	1:80:A:TYR:HD1	14	0.46
(29,1803)	1:34:A:LYS:H	1:80:A:TYR:HD2	14	0.46
(29,1793)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	9	0.46
(29,1793)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	9	0.46
(29,1784)	1:39:A:VAL:HG21	1:144:A:LEU:H	19	0.46
(29,1784)	1:39:A:VAL:HG22	1:144:A:LEU:H	19	0.46
(29,1784)	1:39:A:VAL:HG23	1:144:A:LEU:H	19	0.46
(29,1560)	1:144:A:LEU:HD21	1:147:A:ARG:HE	2	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1560)	1:144:A:LEU:HD22	1:147:A:ARG:HE	2	0.46
(29,1560)	1:144:A:LEU:HD23	1:147:A:ARG:HE	2	0.46
(29,1555)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	7	0.46
(29,1555)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	7	0.46
(29,1555)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	7	0.46
(29,1555)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	7	0.46
(29,1555)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	7	0.46
(29,1555)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	7	0.46
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB2	15	0.46
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB3	15	0.46
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB2	15	0.46
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB3	15	0.46
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB2	15	0.46
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB3	15	0.46
(29,1302)	1:66:A:THR:HG21	1:96:A:VAL:H	4	0.46
(29,1302)	1:66:A:THR:HG22	1:96:A:VAL:H	4	0.46
(29,1302)	1:66:A:THR:HG23	1:96:A:VAL:H	4	0.46
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD21	9	0.46
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD22	9	0.46
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD23	9	0.46
(29,1123)	1:43:A:MET:HA	1:43:A:MET:HG3	17	0.46
(29,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	10	0.46
(29,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	10	0.46
(29,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	10	0.46
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	15	0.46
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	15	0.46
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	15	0.46
(29,850)	1:48:A:ARG:HD2	1:49:A:LYS:HA	7	0.46
(29,850)	1:48:A:ARG:HD3	1:49:A:LYS:HA	7	0.46
(29,829)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	13	0.46
(29,829)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	13	0.46
(29,829)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	13	0.46
(29,798)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	9	0.46
(29,798)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	9	0.46
(29,798)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	9	0.46
(29,798)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	9	0.46
(29,798)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	9	0.46
(29,798)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	9	0.46
(29,775)	1:53:A:THR:H	1:124:A:THR:HG21	1	0.46
(29,775)	1:53:A:THR:H	1:124:A:THR:HG22	1	0.46
(29,775)	1:53:A:THR:H	1:124:A:THR:HG23	1	0.46
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	6	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	6	0.46
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	6	0.46
(29,753)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	12	0.46
(29,723)	1:48:A:ARG:HE	1:49:A:LYS:H	15	0.46
(29,627)	1:34:A:LYS:HG2	1:35:A:LEU:H	2	0.46
(29,627)	1:34:A:LYS:HG3	1:35:A:LEU:H	2	0.46
(29,587)	1:129:A:LYS:HG2	1:130:A:GLY:H	3	0.46
(29,427)	1:100:A:ALA:H	1:101:A:ILE:HG12	12	0.46
(29,427)	1:100:A:ALA:H	1:101:A:ILE:HG12	15	0.46
(29,427)	1:100:A:ALA:H	1:101:A:ILE:HG12	18	0.46
(29,351)	1:104:A:PHE:H	1:104:A:PHE:HD1	11	0.46
(29,351)	1:104:A:PHE:H	1:104:A:PHE:HD2	11	0.46
(29,322)	1:46:A:ASN:H	1:49:A:LYS:HB2	7	0.46
(29,322)	1:46:A:ASN:H	1:49:A:LYS:HB3	7	0.46
(29,221)	1:110:A:MET:HG2	1:114:A:ILE:H	19	0.46
(29,221)	1:110:A:MET:HG3	1:114:A:ILE:H	19	0.46
(29,119)	1:22:A:ASP:H	1:23:A:LEU:HB2	3	0.46
(29,119)	1:22:A:ASP:H	1:23:A:LEU:HB3	3	0.46
(29,108)	1:69:A:MET:H	1:69:A:MET:HE1	14	0.46
(29,108)	1:69:A:MET:H	1:69:A:MET:HE2	14	0.46
(29,108)	1:69:A:MET:H	1:69:A:MET:HE3	14	0.46
(29,17)	1:64:A:LYS:H	1:64:A:LYS:HD2	1	0.46
(29,17)	1:64:A:LYS:H	1:64:A:LYS:HD3	1	0.46
(29,8)	1:64:A:LYS:H	1:116:A:GLN:HE22	3	0.46
(23,21)	1:129:A:LYS:N	1:125:A:THR:O	9	0.46
(23,20)	1:128:A:LEU:N	1:124:A:THR:O	8	0.46
(23,20)	1:128:A:LEU:N	1:124:A:THR:O	19	0.46
(23,7)	1:60:A:LEU:N	1:56:A:CYS:O	2	0.46
(23,1)	1:17:A:ASN:N	1:13:A:ALA:O	6	0.46
(22,33)	1:118:A:ASP:H	1:114:A:ILE:C	12	0.46
(22,15)	1:61:A:SER:H	1:57:A:LEU:C	15	0.46
(22,11)	1:59:A:CYS:H	1:55:A:GLY:C	7	0.46
(22,8)	1:45:A:ALA:N	1:41:A:LYS:C	8	0.46
(22,5)	1:44:A:GLU:H	1:40:A:LEU:C	4	0.46
(19,16)	1:52:A:CYS:SG	1:56:A:CYS:CB	18	0.46
(19,15)	1:52:A:CYS:SG	1:127:A:CYS:CB	19	0.46
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD11	11	0.46
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD12	11	0.46
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD13	11	0.46
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD21	11	0.46
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD22	11	0.46
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD23	11	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD11	17	0.46
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD12	17	0.46
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD13	17	0.46
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD21	17	0.46
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD22	17	0.46
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD23	17	0.46
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD11	17	0.46
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD12	17	0.46
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD13	17	0.46
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD21	17	0.46
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD22	17	0.46
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD23	17	0.46
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD11	17	0.46
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD12	17	0.46
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD13	17	0.46
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD21	17	0.46
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD22	17	0.46
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD23	17	0.46
(18,2277)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	4	0.46
(18,2277)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	4	0.46
(18,2277)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	4	0.46
(18,2277)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	4	0.46
(18,2277)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	4	0.46
(18,2277)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	4	0.46
(18,2247)	1:68:A:LYS:H	1:69:A:MET:HG2	12	0.46
(18,2247)	1:68:A:LYS:H	1:69:A:MET:HG3	12	0.46
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	8	0.46
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	8	0.46
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	8	0.46
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	8	0.46
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	8	0.46
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	8	0.46
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	8	0.46
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	8	0.46
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	8	0.46
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	8	0.46
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	8	0.46
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	8	0.46
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	11	0.46
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	11	0.46
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	11	0.46
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	11	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	11	0.46
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	11	0.46
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD11	11	0.46
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD12	11	0.46
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD13	11	0.46
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD21	11	0.46
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD22	11	0.46
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD23	11	0.46
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD11	11	0.46
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD12	11	0.46
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD13	11	0.46
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD21	11	0.46
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD22	11	0.46
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD23	11	0.46
(18,2006)	1:16:A:SER:H	1:131:A:LEU:HD11	18	0.46
(18,2006)	1:16:A:SER:H	1:131:A:LEU:HD12	18	0.46
(18,2006)	1:16:A:SER:H	1:131:A:LEU:HD13	18	0.46
(18,2006)	1:16:A:SER:H	1:131:A:LEU:HD21	18	0.46
(18,2006)	1:16:A:SER:H	1:131:A:LEU:HD22	18	0.46
(18,2006)	1:16:A:SER:H	1:131:A:LEU:HD23	18	0.46
(18,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	15	0.46
(18,1981)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	15	0.46
(18,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	15	0.46
(18,1981)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	15	0.46
(18,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	15	0.46
(18,1981)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	15	0.46
(18,1921)	1:9:A:PHE:HE1	1:14:A:VAL:HG11	5	0.46
(18,1921)	1:9:A:PHE:HE1	1:14:A:VAL:HG12	5	0.46
(18,1921)	1:9:A:PHE:HE1	1:14:A:VAL:HG13	5	0.46
(18,1921)	1:9:A:PHE:HE1	1:14:A:VAL:HG21	5	0.46
(18,1921)	1:9:A:PHE:HE1	1:14:A:VAL:HG22	5	0.46
(18,1921)	1:9:A:PHE:HE1	1:14:A:VAL:HG23	5	0.46
(18,1921)	1:9:A:PHE:HE2	1:14:A:VAL:HG11	5	0.46
(18,1921)	1:9:A:PHE:HE2	1:14:A:VAL:HG12	5	0.46
(18,1921)	1:9:A:PHE:HE2	1:14:A:VAL:HG13	5	0.46
(18,1921)	1:9:A:PHE:HE2	1:14:A:VAL:HG21	5	0.46
(18,1921)	1:9:A:PHE:HE2	1:14:A:VAL:HG22	5	0.46
(18,1921)	1:9:A:PHE:HE2	1:14:A:VAL:HG23	5	0.46
(18,1851)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	14	0.46
(18,1851)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	14	0.46
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	9	0.46
(18,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	9	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	9	0.46
(18,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	9	0.46
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	9	0.46
(18,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	9	0.46
(18,1778)	1:68:A:LYS:HA	1:72:A:PHE:HD1	7	0.46
(18,1778)	1:68:A:LYS:HA	1:72:A:PHE:HD2	7	0.46
(18,1764)	1:34:A:LYS:H	1:80:A:TYR:HD1	14	0.46
(18,1764)	1:34:A:LYS:H	1:80:A:TYR:HD2	14	0.46
(18,1753)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	9	0.46
(18,1753)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	9	0.46
(18,1688)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	1	0.46
(18,1688)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	1	0.46
(18,1664)	1:125:A:THR:HA	1:128:A:LEU:HA	7	0.46
(18,1532)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	7	0.46
(18,1532)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	7	0.46
(18,1532)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	7	0.46
(18,1532)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	7	0.46
(18,1532)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	7	0.46
(18,1532)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	7	0.46
(18,1424)	1:119:A:LEU:HA	1:121:A:VAL:HG21	10	0.46
(18,1424)	1:119:A:LEU:HA	1:121:A:VAL:HG22	10	0.46
(18,1424)	1:119:A:LEU:HA	1:121:A:VAL:HG23	10	0.46
(18,1422)	1:121:A:VAL:H	1:121:A:VAL:HG21	11	0.46
(18,1422)	1:121:A:VAL:H	1:121:A:VAL:HG22	11	0.46
(18,1422)	1:121:A:VAL:H	1:121:A:VAL:HG23	11	0.46
(18,1412)	1:73:A:ILE:HG21	1:113:A:PHE:HB3	8	0.46
(18,1412)	1:73:A:ILE:HG22	1:113:A:PHE:HB3	8	0.46
(18,1412)	1:73:A:ILE:HG23	1:113:A:PHE:HB3	8	0.46
(18,1180)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	17	0.46
(18,1180)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	17	0.46
(18,1180)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	17	0.46
(18,1180)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	17	0.46
(18,1180)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	17	0.46
(18,1180)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	17	0.46
(18,1074)	1:71:A:LYS:HG3	1:72:A:PHE:HA	16	0.46
(18,1072)	1:13:A:ALA:HB1	1:79:A:THR:HA	12	0.46
(18,1072)	1:13:A:ALA:HB2	1:79:A:THR:HA	12	0.46
(18,1072)	1:13:A:ALA:HB3	1:79:A:THR:HA	12	0.46
(18,1010)	1:98:A:ILE:HB	1:105:A:LYS:HB2	17	0.46
(18,1010)	1:98:A:ILE:HB	1:105:A:LYS:HB3	17	0.46
(18,817)	1:32:A:GLY:HA2	1:33:A:LYS:H	7	0.46
(18,817)	1:32:A:GLY:HA2	1:33:A:LYS:H	16	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,807)	1:63:A:ILE:HD11	1:117:A:VAL:HB	12	0.46
(18,807)	1:63:A:ILE:HD12	1:117:A:VAL:HB	12	0.46
(18,807)	1:63:A:ILE:HD13	1:117:A:VAL:HB	12	0.46
(18,774)	1:32:A:GLY:HA2	1:34:A:LYS:H	3	0.46
(18,756)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	12	0.46
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB2	10	0.46
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB3	10	0.46
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB2	11	0.46
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB3	11	0.46
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB2	14	0.46
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB3	14	0.46
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB2	15	0.46
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB3	15	0.46
(18,382)	1:40:A:LEU:HB2	1:41:A:LYS:H	7	0.46
(18,322)	1:11:A:ILE:HD11	1:43:A:MET:H	4	0.46
(18,322)	1:11:A:ILE:HD12	1:43:A:MET:H	4	0.46
(18,322)	1:11:A:ILE:HD13	1:43:A:MET:H	4	0.46
(18,239)	1:112:A:GLN:HG2	1:114:A:ILE:H	6	0.46
(18,239)	1:112:A:GLN:HG3	1:114:A:ILE:H	6	0.46
(18,15)	1:64:A:LYS:H	1:64:A:LYS:HD2	1	0.46
(18,15)	1:64:A:LYS:H	1:64:A:LYS:HD3	1	0.46
(18,7)	1:64:A:LYS:H	1:116:A:GLN:HE22	3	0.46
(17,2443)	1:139:A:LEU:HB2	1:140:A:LEU:HD11	4	0.46
(17,2443)	1:139:A:LEU:HB2	1:140:A:LEU:HD12	4	0.46
(17,2443)	1:139:A:LEU:HB2	1:140:A:LEU:HD13	4	0.46
(17,2443)	1:139:A:LEU:HB2	1:140:A:LEU:HD21	4	0.46
(17,2443)	1:139:A:LEU:HB2	1:140:A:LEU:HD22	4	0.46
(17,2443)	1:139:A:LEU:HB2	1:140:A:LEU:HD23	4	0.46
(17,2443)	1:139:A:LEU:HB3	1:140:A:LEU:HD11	4	0.46
(17,2443)	1:139:A:LEU:HB3	1:140:A:LEU:HD12	4	0.46
(17,2443)	1:139:A:LEU:HB3	1:140:A:LEU:HD13	4	0.46
(17,2443)	1:139:A:LEU:HB3	1:140:A:LEU:HD21	4	0.46
(17,2443)	1:139:A:LEU:HB3	1:140:A:LEU:HD22	4	0.46
(17,2443)	1:139:A:LEU:HB3	1:140:A:LEU:HD23	4	0.46
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	19	0.46
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	19	0.46
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	19	0.46
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	19	0.46
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	19	0.46
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	19	0.46
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	19	0.46
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	19	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	19	0.46
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	19	0.46
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	19	0.46
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	19	0.46
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	19	0.46
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	19	0.46
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	19	0.46
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	19	0.46
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	19	0.46
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	19	0.46
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	1	0.46
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	1	0.46
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	1	0.46
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	1	0.46
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	1	0.46
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	1	0.46
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD11	17	0.46
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD12	17	0.46
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD13	17	0.46
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD21	17	0.46
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD22	17	0.46
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD23	17	0.46
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD11	17	0.46
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD12	17	0.46
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD13	17	0.46
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD21	17	0.46
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD22	17	0.46
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD23	17	0.46
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD11	17	0.46
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD12	17	0.46
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD13	17	0.46
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD21	17	0.46
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD22	17	0.46
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD23	17	0.46
(17,2053)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	3	0.46
(17,2053)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	3	0.46
(17,2053)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	3	0.46
(17,2053)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	3	0.46
(17,2053)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	3	0.46
(17,2053)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	3	0.46
(17,2053)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	3	0.46
(17,2053)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	3	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2053)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	3	0.46
(17,2053)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	3	0.46
(17,2053)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	3	0.46
(17,2053)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	3	0.46
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD11	17	0.46
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD12	17	0.46
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD13	17	0.46
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD21	17	0.46
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD22	17	0.46
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD23	17	0.46
(17,2031)	1:17:A:ASN:HD21	1:113:A:PHE:HE1	11	0.46
(17,2031)	1:17:A:ASN:HD21	1:113:A:PHE:HE2	11	0.46
(17,2031)	1:17:A:ASN:HD22	1:113:A:PHE:HE1	11	0.46
(17,2031)	1:17:A:ASN:HD22	1:113:A:PHE:HE2	11	0.46
(17,2012)	1:14:A:VAL:HG11	1:62:A:HIS:H	12	0.46
(17,2012)	1:14:A:VAL:HG12	1:62:A:HIS:H	12	0.46
(17,2012)	1:14:A:VAL:HG13	1:62:A:HIS:H	12	0.46
(17,2012)	1:14:A:VAL:HG21	1:62:A:HIS:H	12	0.46
(17,2012)	1:14:A:VAL:HG22	1:62:A:HIS:H	12	0.46
(17,2012)	1:14:A:VAL:HG23	1:62:A:HIS:H	12	0.46
(17,1923)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	13	0.46
(17,1923)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	13	0.46
(17,1923)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	13	0.46
(17,1923)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	13	0.46
(17,1837)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	7	0.46
(17,1837)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	7	0.46
(17,1837)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	7	0.46
(17,1795)	1:34:A:LYS:H	1:80:A:TYR:HD1	14	0.46
(17,1795)	1:34:A:LYS:H	1:80:A:TYR:HD2	14	0.46
(17,1778)	1:39:A:VAL:HG21	1:144:A:LEU:H	19	0.46
(17,1778)	1:39:A:VAL:HG22	1:144:A:LEU:H	19	0.46
(17,1778)	1:39:A:VAL:HG23	1:144:A:LEU:H	19	0.46
(17,1741)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	12	0.46
(17,1741)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	12	0.46
(17,1741)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	12	0.46
(17,1694)	1:125:A:THR:HA	1:128:A:LEU:HA	7	0.46
(17,1534)	1:98:A:ILE:HG21	1:101:A:ILE:HB	3	0.46
(17,1534)	1:98:A:ILE:HG22	1:101:A:ILE:HB	3	0.46
(17,1534)	1:98:A:ILE:HG23	1:101:A:ILE:HB	3	0.46
(17,1449)	1:121:A:VAL:H	1:121:A:VAL:HG21	11	0.46
(17,1449)	1:121:A:VAL:H	1:121:A:VAL:HG22	11	0.46
(17,1449)	1:121:A:VAL:H	1:121:A:VAL:HG23	11	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1308)	1:59:A:CYS:HA	1:60:A:LEU:HD21	5	0.46
(17,1308)	1:59:A:CYS:HA	1:60:A:LEU:HD22	5	0.46
(17,1308)	1:59:A:CYS:HA	1:60:A:LEU:HD23	5	0.46
(17,1245)	1:21:A:THR:HG21	1:23:A:LEU:HA	10	0.46
(17,1245)	1:21:A:THR:HG22	1:23:A:LEU:HA	10	0.46
(17,1245)	1:21:A:THR:HG23	1:23:A:LEU:HA	10	0.46
(17,1090)	1:38:A:GLU:HA	1:139:A:LEU:HD11	6	0.46
(17,1090)	1:38:A:GLU:HA	1:139:A:LEU:HD12	6	0.46
(17,1090)	1:38:A:GLU:HA	1:139:A:LEU:HD13	6	0.46
(17,1004)	1:98:A:ILE:HB	1:105:A:LYS:HB2	17	0.46
(17,1004)	1:98:A:ILE:HB	1:105:A:LYS:HB3	17	0.46
(17,951)	1:67:A:PRO:HA	1:70:A:LYS:HG2	6	0.46
(17,917)	1:44:A:GLU:HA	1:44:A:GLU:HG2	3	0.46
(17,917)	1:44:A:GLU:HA	1:44:A:GLU:HG2	13	0.46
(17,824)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	13	0.46
(17,824)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	13	0.46
(17,824)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	13	0.46
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	6	0.46
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	6	0.46
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	6	0.46
(17,744)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	12	0.46
(17,380)	1:106:A:ASP:H	1:112:A:GLN:HE21	19	0.46
(17,321)	1:46:A:ASN:H	1:49:A:LYS:HB2	7	0.46
(17,321)	1:46:A:ASN:H	1:49:A:LYS:HB3	7	0.46
(17,107)	1:69:A:MET:H	1:70:A:LYS:HG2	19	0.46
(17,7)	1:64:A:LYS:H	1:116:A:GLN:HE22	3	0.46
(16,2331)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	11	0.46
(16,2331)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	11	0.46
(16,2331)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	11	0.46
(16,2331)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	11	0.46
(16,2331)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	11	0.46
(16,2331)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	11	0.46
(16,2234)	1:68:A:LYS:H	1:69:A:MET:HG2	12	0.46
(16,2234)	1:68:A:LYS:H	1:69:A:MET:HG3	12	0.46
(16,2141)	1:40:A:LEU:HD11	1:43:A:MET:HG3	8	0.46
(16,2141)	1:40:A:LEU:HD12	1:43:A:MET:HG3	8	0.46
(16,2141)	1:40:A:LEU:HD13	1:43:A:MET:HG3	8	0.46
(16,2141)	1:40:A:LEU:HD21	1:43:A:MET:HG3	8	0.46
(16,2141)	1:40:A:LEU:HD22	1:43:A:MET:HG3	8	0.46
(16,2141)	1:40:A:LEU:HD23	1:43:A:MET:HG3	8	0.46
(16,2081)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	6	0.46
(16,2081)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	6	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2081)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	6	0.46
(16,2081)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	6	0.46
(16,2081)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	6	0.46
(16,2081)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	6	0.46
(16,2081)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	18	0.46
(16,2081)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	18	0.46
(16,2081)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	18	0.46
(16,2081)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	18	0.46
(16,2081)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	18	0.46
(16,2081)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	18	0.46
(16,1960)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	19	0.46
(16,1960)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	19	0.46
(16,1960)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	19	0.46
(16,1960)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	19	0.46
(16,1960)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	19	0.46
(16,1960)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	19	0.46
(16,1960)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	19	0.46
(16,1960)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	19	0.46
(16,1960)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	19	0.46
(16,1960)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	19	0.46
(16,1960)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	19	0.46
(16,1960)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	19	0.46
(16,1960)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	19	0.46
(16,1960)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	19	0.46
(16,1960)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	19	0.46
(16,1960)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	19	0.46
(16,1960)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	19	0.46
(16,1960)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	19	0.46
(16,1950)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	2	0.46
(16,1950)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	2	0.46
(16,1950)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	2	0.46
(16,1950)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	2	0.46
(16,1950)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	2	0.46
(16,1950)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	2	0.46
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	12	0.46
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	12	0.46
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	12	0.46
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	12	0.46
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	12	0.46
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	12	0.46
(16,1808)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	13	0.46
(16,1808)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	13	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1774)	1:34:A:LYS:H	1:80:A:TYR:HD1	14	0.46
(16,1774)	1:34:A:LYS:H	1:80:A:TYR:HD2	14	0.46
(16,1765)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	9	0.46
(16,1765)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	9	0.46
(16,1756)	1:39:A:VAL:HG21	1:144:A:LEU:H	19	0.46
(16,1756)	1:39:A:VAL:HG22	1:144:A:LEU:H	19	0.46
(16,1756)	1:39:A:VAL:HG23	1:144:A:LEU:H	19	0.46
(16,1711)	1:14:A:VAL:H	1:79:A:THR:HG21	14	0.46
(16,1711)	1:14:A:VAL:H	1:79:A:THR:HG22	14	0.46
(16,1711)	1:14:A:VAL:H	1:79:A:THR:HG23	14	0.46
(16,1669)	1:125:A:THR:HA	1:128:A:LEU:HA	7	0.46
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	11	0.46
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	11	0.46
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG11	18	0.46
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG12	18	0.46
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG13	18	0.46
(16,1544)	1:46:A:ASN:HB2	1:134:A:VAL:H	8	0.46
(16,1531)	1:69:A:MET:HE1	1:76:A:ARG:HG2	19	0.46
(16,1531)	1:69:A:MET:HE1	1:76:A:ARG:HG3	19	0.46
(16,1531)	1:69:A:MET:HE2	1:76:A:ARG:HG2	19	0.46
(16,1531)	1:69:A:MET:HE2	1:76:A:ARG:HG3	19	0.46
(16,1531)	1:69:A:MET:HE3	1:76:A:ARG:HG2	19	0.46
(16,1531)	1:69:A:MET:HE3	1:76:A:ARG:HG3	19	0.46
(16,1511)	1:98:A:ILE:HG21	1:101:A:ILE:HB	3	0.46
(16,1511)	1:98:A:ILE:HG22	1:101:A:ILE:HB	3	0.46
(16,1511)	1:98:A:ILE:HG23	1:101:A:ILE:HB	3	0.46
(16,1432)	1:119:A:LEU:HA	1:121:A:VAL:HG21	10	0.46
(16,1432)	1:119:A:LEU:HA	1:121:A:VAL:HG22	10	0.46
(16,1432)	1:119:A:LEU:HA	1:121:A:VAL:HG23	10	0.46
(16,1430)	1:121:A:VAL:H	1:121:A:VAL:HG21	11	0.46
(16,1430)	1:121:A:VAL:H	1:121:A:VAL:HG22	11	0.46
(16,1430)	1:121:A:VAL:H	1:121:A:VAL:HG23	11	0.46
(16,966)	1:40:A:LEU:HA	1:43:A:MET:HG2	14	0.46
(16,960)	1:67:A:PRO:HA	1:70:A:LYS:HG2	6	0.46
(16,912)	1:54:A:ARG:HA	1:58:A:ILE:HB	5	0.46
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	1	0.46
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	1	0.46
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	1	0.46
(16,803)	1:63:A:ILE:HD11	1:117:A:VAL:HB	12	0.46
(16,803)	1:63:A:ILE:HD12	1:117:A:VAL:HB	12	0.46
(16,803)	1:63:A:ILE:HD13	1:117:A:VAL:HB	12	0.46
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	19	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	19	0.46
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	19	0.46
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	19	0.46
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	19	0.46
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	19	0.46
(16,520)	1:70:A:LYS:HG3	1:71:A:LYS:H	13	0.46
(16,399)	1:105:A:LYS:HD2	1:106:A:ASP:H	14	0.46
(16,399)	1:105:A:LYS:HD3	1:106:A:ASP:H	14	0.46
(16,355)	1:73:A:ILE:HD11	1:111:A:GLU:H	7	0.46
(16,355)	1:73:A:ILE:HD12	1:111:A:GLU:H	7	0.46
(16,355)	1:73:A:ILE:HD13	1:111:A:GLU:H	7	0.46
(16,221)	1:108:A:GLU:H	1:111:A:GLU:HG3	9	0.46
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD11	1	0.46
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD12	1	0.46
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD13	1	0.46
(16,107)	1:69:A:MET:H	1:70:A:LYS:HG2	19	0.46
(16,59)	1:34:A:LYS:H	1:81:A:GLU:H	13	0.46
(16,8)	1:64:A:LYS:H	1:116:A:GLN:HE22	3	0.46
(15,2222)	1:68:A:LYS:H	1:69:A:MET:HG2	12	0.46
(15,2222)	1:68:A:LYS:H	1:69:A:MET:HG3	12	0.46
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	1	0.46
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	1	0.46
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	1	0.46
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	1	0.46
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	1	0.46
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	1	0.46
(15,1981)	1:16:A:SER:H	1:131:A:LEU:HD11	18	0.46
(15,1981)	1:16:A:SER:H	1:131:A:LEU:HD12	18	0.46
(15,1981)	1:16:A:SER:H	1:131:A:LEU:HD13	18	0.46
(15,1981)	1:16:A:SER:H	1:131:A:LEU:HD21	18	0.46
(15,1981)	1:16:A:SER:H	1:131:A:LEU:HD22	18	0.46
(15,1981)	1:16:A:SER:H	1:131:A:LEU:HD23	18	0.46
(15,1769)	1:34:A:LYS:H	1:80:A:TYR:HD1	14	0.46
(15,1769)	1:34:A:LYS:H	1:80:A:TYR:HD2	14	0.46
(15,1760)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	9	0.46
(15,1760)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	9	0.46
(15,1727)	1:105:A:LYS:HG3	1:106:A:ASP:HA	13	0.46
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG21	19	0.46
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG22	19	0.46
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG23	19	0.46
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG21	19	0.46
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG22	19	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG23	19	0.46
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG21	19	0.46
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG22	19	0.46
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG23	19	0.46
(15,1671)	1:125:A:THR:HA	1:128:A:LEU:HA	7	0.46
(15,1577)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	2	0.46
(15,1577)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	2	0.46
(15,1577)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	2	0.46
(15,1536)	1:144:A:LEU:HD21	1:147:A:ARG:HE	2	0.46
(15,1536)	1:144:A:LEU:HD22	1:147:A:ARG:HE	2	0.46
(15,1536)	1:144:A:LEU:HD23	1:147:A:ARG:HE	2	0.46
(15,1533)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	7	0.46
(15,1533)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	7	0.46
(15,1533)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	7	0.46
(15,1533)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	7	0.46
(15,1533)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	7	0.46
(15,1533)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	7	0.46
(15,1427)	1:121:A:VAL:H	1:121:A:VAL:HG21	11	0.46
(15,1427)	1:121:A:VAL:H	1:121:A:VAL:HG22	11	0.46
(15,1427)	1:121:A:VAL:H	1:121:A:VAL:HG23	11	0.46
(15,1407)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	6	0.46
(15,1407)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	6	0.46
(15,1407)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	6	0.46
(15,1407)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	6	0.46
(15,1407)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	6	0.46
(15,1407)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	6	0.46
(15,1304)	1:66:A:THR:HG21	1:96:A:VAL:HB	10	0.46
(15,1304)	1:66:A:THR:HG22	1:96:A:VAL:HB	10	0.46
(15,1304)	1:66:A:THR:HG23	1:96:A:VAL:HB	10	0.46
(15,1291)	1:66:A:THR:HG21	1:96:A:VAL:H	4	0.46
(15,1291)	1:66:A:THR:HG22	1:96:A:VAL:H	4	0.46
(15,1291)	1:66:A:THR:HG23	1:96:A:VAL:H	4	0.46
(15,1041)	1:11:A:ILE:HB	1:44:A:GLU:HB2	17	0.46
(15,1041)	1:11:A:ILE:HB	1:44:A:GLU:HB3	17	0.46
(15,956)	1:74:A:PRO:HA	1:77:A:CYS:HB2	1	0.46
(15,897)	1:20:A:THR:H	1:21:A:THR:HB	8	0.46
(15,883)	1:151:A:PHE:H	1:151:A:PHE:HB3	9	0.46
(15,822)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	19	0.46
(15,822)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	19	0.46
(15,822)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	19	0.46
(15,822)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	19	0.46
(15,822)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	19	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,822)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	19	0.46
(15,820)	1:98:A:ILE:HD11	1:101:A:ILE:HB	17	0.46
(15,820)	1:98:A:ILE:HD12	1:101:A:ILE:HB	17	0.46
(15,820)	1:98:A:ILE:HD13	1:101:A:ILE:HB	17	0.46
(15,815)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	13	0.46
(15,815)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	13	0.46
(15,815)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	13	0.46
(15,800)	1:63:A:ILE:HD11	1:117:A:VAL:HB	12	0.46
(15,800)	1:63:A:ILE:HD12	1:117:A:VAL:HB	12	0.46
(15,800)	1:63:A:ILE:HD13	1:117:A:VAL:HB	12	0.46
(15,788)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	9	0.46
(15,788)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	9	0.46
(15,788)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	9	0.46
(15,788)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	9	0.46
(15,788)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	9	0.46
(15,788)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	9	0.46
(15,519)	1:105:A:LYS:H	1:106:A:ASP:HB3	17	0.46
(15,356)	1:104:A:PHE:H	1:104:A:PHE:HD1	11	0.46
(15,356)	1:104:A:PHE:H	1:104:A:PHE:HD2	11	0.46
(15,222)	1:110:A:MET:HG2	1:114:A:ILE:H	19	0.46
(15,222)	1:110:A:MET:HG3	1:114:A:ILE:H	19	0.46
(15,127)	1:79:A:THR:HA	1:80:A:TYR:H	5	0.46
(15,127)	1:79:A:THR:HA	1:80:A:TYR:H	6	0.46
(15,121)	1:22:A:ASP:H	1:23:A:LEU:HB2	3	0.46
(15,121)	1:22:A:ASP:H	1:23:A:LEU:HB3	3	0.46
(15,55)	1:98:A:ILE:H	1:101:A:ILE:HG13	17	0.46
(13,2210)	1:68:A:LYS:H	1:69:A:MET:HG2	12	0.46
(13,2210)	1:68:A:LYS:H	1:69:A:MET:HG3	12	0.46
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD11	2	0.46
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD12	2	0.46
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD13	2	0.46
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD21	2	0.46
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD22	2	0.46
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD23	2	0.46
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD11	12	0.46
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD12	12	0.46
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD13	12	0.46
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD21	12	0.46
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD22	12	0.46
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD23	12	0.46
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD11	2	0.46
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD12	2	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD13	2	0.46
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD21	2	0.46
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD22	2	0.46
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD23	2	0.46
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD11	5	0.46
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD12	5	0.46
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD13	5	0.46
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD21	5	0.46
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD22	5	0.46
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD23	5	0.46
(13,2104)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	9	0.46
(13,2104)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	9	0.46
(13,2104)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	9	0.46
(13,2104)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	9	0.46
(13,2104)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	9	0.46
(13,2104)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	9	0.46
(13,2097)	1:43:A:MET:HE1	1:46:A:ASN:HD21	17	0.46
(13,2097)	1:43:A:MET:HE1	1:46:A:ASN:HD22	17	0.46
(13,2097)	1:43:A:MET:HE2	1:46:A:ASN:HD21	17	0.46
(13,2097)	1:43:A:MET:HE2	1:46:A:ASN:HD22	17	0.46
(13,2097)	1:43:A:MET:HE3	1:46:A:ASN:HD21	17	0.46
(13,2097)	1:43:A:MET:HE3	1:46:A:ASN:HD22	17	0.46
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	8	0.46
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	8	0.46
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	8	0.46
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	8	0.46
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	8	0.46
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	8	0.46
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	8	0.46
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	8	0.46
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	8	0.46
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	8	0.46
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	8	0.46
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	8	0.46
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	8	0.46
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	8	0.46
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	8	0.46
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	8	0.46
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	8	0.46
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	8	0.46
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	8	0.46
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	8	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	8	0.46
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	8	0.46
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	8	0.46
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	8	0.46
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	8	0.46
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	8	0.46
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	8	0.46
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	8	0.46
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	8	0.46
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	8	0.46
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	8	0.46
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	8	0.46
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	8	0.46
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	8	0.46
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	8	0.46
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	8	0.46
(13,1954)	1:14:A:VAL:HG11	1:57:A:LEU:H	14	0.46
(13,1954)	1:14:A:VAL:HG12	1:57:A:LEU:H	14	0.46
(13,1954)	1:14:A:VAL:HG13	1:57:A:LEU:H	14	0.46
(13,1954)	1:14:A:VAL:HG21	1:57:A:LEU:H	14	0.46
(13,1954)	1:14:A:VAL:HG22	1:57:A:LEU:H	14	0.46
(13,1954)	1:14:A:VAL:HG23	1:57:A:LEU:H	14	0.46
(13,1934)	1:12:A:VAL:HG11	1:32:A:GLY:HA2	14	0.46
(13,1934)	1:12:A:VAL:HG12	1:32:A:GLY:HA2	14	0.46
(13,1934)	1:12:A:VAL:HG13	1:32:A:GLY:HA2	14	0.46
(13,1934)	1:12:A:VAL:HG21	1:32:A:GLY:HA2	14	0.46
(13,1934)	1:12:A:VAL:HG22	1:32:A:GLY:HA2	14	0.46
(13,1934)	1:12:A:VAL:HG23	1:32:A:GLY:HA2	14	0.46
(13,1929)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	15	0.46
(13,1929)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	15	0.46
(13,1929)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	15	0.46
(13,1929)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	15	0.46
(13,1929)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	15	0.46
(13,1929)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	15	0.46
(13,1929)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	15	0.46
(13,1929)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	15	0.46
(13,1929)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	15	0.46
(13,1929)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	15	0.46
(13,1929)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	15	0.46
(13,1929)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	15	0.46
(13,1929)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	15	0.46
(13,1929)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	15	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1929)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	15	0.46
(13,1929)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	15	0.46
(13,1929)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	15	0.46
(13,1929)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	15	0.46
(13,1891)	1:9:A:PHE:HE1	1:54:A:ARG:HB2	15	0.46
(13,1891)	1:9:A:PHE:HE1	1:54:A:ARG:HB3	15	0.46
(13,1891)	1:9:A:PHE:HE2	1:54:A:ARG:HB2	15	0.46
(13,1891)	1:9:A:PHE:HE2	1:54:A:ARG:HB3	15	0.46
(13,1826)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	14	0.46
(13,1826)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	14	0.46
(13,1818)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	18	0.46
(13,1818)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	18	0.46
(13,1743)	1:34:A:LYS:H	1:80:A:TYR:HD1	14	0.46
(13,1743)	1:34:A:LYS:H	1:80:A:TYR:HD2	14	0.46
(13,1736)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	9	0.46
(13,1736)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	9	0.46
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG21	19	0.46
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG22	19	0.46
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG23	19	0.46
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG21	19	0.46
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG22	19	0.46
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG23	19	0.46
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG21	19	0.46
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG22	19	0.46
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG23	19	0.46
(13,1644)	1:125:A:THR:HA	1:128:A:LEU:HA	7	0.46
(13,1484)	1:98:A:ILE:HG21	1:101:A:ILE:HB	3	0.46
(13,1484)	1:98:A:ILE:HG22	1:101:A:ILE:HB	3	0.46
(13,1484)	1:98:A:ILE:HG23	1:101:A:ILE:HB	3	0.46
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB2	2	0.46
(13,1433)	1:15:A:ALA:HB1	1:31:A:PRO:HB3	2	0.46
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB2	2	0.46
(13,1433)	1:15:A:ALA:HB2	1:31:A:PRO:HB3	2	0.46
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB2	2	0.46
(13,1433)	1:15:A:ALA:HB3	1:31:A:PRO:HB3	2	0.46
(13,1431)	1:13:A:ALA:HB1	1:61:A:SER:HA	1	0.46
(13,1431)	1:13:A:ALA:HB2	1:61:A:SER:HA	1	0.46
(13,1431)	1:13:A:ALA:HB3	1:61:A:SER:HA	1	0.46
(13,1402)	1:121:A:VAL:H	1:121:A:VAL:HG21	11	0.46
(13,1402)	1:121:A:VAL:H	1:121:A:VAL:HG22	11	0.46
(13,1402)	1:121:A:VAL:H	1:121:A:VAL:HG23	11	0.46
(13,1277)	1:66:A:THR:HG21	1:96:A:VAL:HB	10	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1277)	1:66:A:THR:HG22	1:96:A:VAL:HB	10	0.46
(13,1277)	1:66:A:THR:HG23	1:96:A:VAL:HB	10	0.46
(13,1264)	1:66:A:THR:HG21	1:96:A:VAL:H	4	0.46
(13,1264)	1:66:A:THR:HG22	1:96:A:VAL:H	4	0.46
(13,1264)	1:66:A:THR:HG23	1:96:A:VAL:H	4	0.46
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG2	10	0.46
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG3	10	0.46
(13,916)	1:63:A:ILE:HG12	1:117:A:VAL:HA	17	0.46
(13,873)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	14	0.46
(13,873)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	14	0.46
(13,873)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	14	0.46
(13,791)	1:32:A:GLY:HA2	1:33:A:LYS:H	7	0.46
(13,791)	1:32:A:GLY:HA2	1:33:A:LYS:H	16	0.46
(13,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	12	0.46
(13,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	12	0.46
(13,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	12	0.46
(13,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	14	0.46
(13,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	14	0.46
(13,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	14	0.46
(13,119)	1:79:A:THR:HA	1:80:A:TYR:H	5	0.46
(13,119)	1:79:A:THR:HA	1:80:A:TYR:H	6	0.46
(13,38)	1:43:A:MET:HA	1:47:A:ALA:H	15	0.46
(13,14)	1:64:A:LYS:H	1:64:A:LYS:HD2	1	0.46
(13,14)	1:64:A:LYS:H	1:64:A:LYS:HD3	1	0.46
(11,2218)	1:60:A:LEU:HD11	1:61:A:SER:HB2	10	0.46
(11,2218)	1:60:A:LEU:HD11	1:61:A:SER:HB3	10	0.46
(11,2218)	1:60:A:LEU:HD12	1:61:A:SER:HB2	10	0.46
(11,2218)	1:60:A:LEU:HD12	1:61:A:SER:HB3	10	0.46
(11,2218)	1:60:A:LEU:HD13	1:61:A:SER:HB2	10	0.46
(11,2218)	1:60:A:LEU:HD13	1:61:A:SER:HB3	10	0.46
(11,2094)	1:35:A:LEU:HD11	1:143:A:TRP:HA	5	0.46
(11,2094)	1:35:A:LEU:HD12	1:143:A:TRP:HA	5	0.46
(11,2094)	1:35:A:LEU:HD13	1:143:A:TRP:HA	5	0.46
(11,2094)	1:35:A:LEU:HD21	1:143:A:TRP:HA	5	0.46
(11,2094)	1:35:A:LEU:HD22	1:143:A:TRP:HA	5	0.46
(11,2094)	1:35:A:LEU:HD23	1:143:A:TRP:HA	5	0.46
(11,2056)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	3	0.46
(11,2056)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	3	0.46
(11,2056)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	3	0.46
(11,2056)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	3	0.46
(11,2056)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	3	0.46
(11,2056)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	3	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2056)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	3	0.46
(11,2056)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	3	0.46
(11,2056)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	3	0.46
(11,2056)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	3	0.46
(11,2056)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	3	0.46
(11,2056)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	3	0.46
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD11	14	0.46
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD12	14	0.46
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD13	14	0.46
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD21	14	0.46
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD22	14	0.46
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD23	14	0.46
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	10	0.46
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	10	0.46
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	10	0.46
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD21	10	0.46
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD22	10	0.46
(11,2046)	1:18:A:PHE:HZ	1:57:A:LEU:HD23	10	0.46
(11,2030)	1:16:A:SER:H	1:131:A:LEU:HD11	18	0.46
(11,2030)	1:16:A:SER:H	1:131:A:LEU:HD12	18	0.46
(11,2030)	1:16:A:SER:H	1:131:A:LEU:HD13	18	0.46
(11,2030)	1:16:A:SER:H	1:131:A:LEU:HD21	18	0.46
(11,2030)	1:16:A:SER:H	1:131:A:LEU:HD22	18	0.46
(11,2030)	1:16:A:SER:H	1:131:A:LEU:HD23	18	0.46
(11,1915)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	5	0.46
(11,1915)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	5	0.46
(11,1915)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	5	0.46
(11,1915)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	5	0.46
(11,1915)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	5	0.46
(11,1915)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	5	0.46
(11,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	7	0.46
(11,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	7	0.46
(11,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	7	0.46
(11,1815)	1:34:A:LYS:H	1:80:A:TYR:HD1	14	0.46
(11,1815)	1:34:A:LYS:H	1:80:A:TYR:HD2	14	0.46
(11,1807)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	9	0.46
(11,1807)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	9	0.46
(11,1798)	1:39:A:VAL:HG21	1:144:A:LEU:H	19	0.46
(11,1798)	1:39:A:VAL:HG22	1:144:A:LEU:H	19	0.46
(11,1798)	1:39:A:VAL:HG23	1:144:A:LEU:H	19	0.46
(11,1755)	1:14:A:VAL:H	1:79:A:THR:HG21	14	0.46
(11,1755)	1:14:A:VAL:H	1:79:A:THR:HG22	14	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1755)	1:14:A:VAL:H	1:79:A:THR:HG23	14	0.46
(11,1712)	1:125:A:THR:HA	1:128:A:LEU:HA	7	0.46
(11,1687)	1:134:A:VAL:HG21	1:137:A:SER:H	3	0.46
(11,1687)	1:134:A:VAL:HG22	1:137:A:SER:H	3	0.46
(11,1687)	1:134:A:VAL:HG23	1:137:A:SER:H	3	0.46
(11,1597)	1:11:A:ILE:HD11	1:18:A:PHE:HD1	10	0.46
(11,1597)	1:11:A:ILE:HD11	1:18:A:PHE:HD2	10	0.46
(11,1597)	1:11:A:ILE:HD12	1:18:A:PHE:HD1	10	0.46
(11,1597)	1:11:A:ILE:HD12	1:18:A:PHE:HD2	10	0.46
(11,1597)	1:11:A:ILE:HD13	1:18:A:PHE:HD1	10	0.46
(11,1597)	1:11:A:ILE:HD13	1:18:A:PHE:HD2	10	0.46
(11,1566)	1:46:A:ASN:HB3	1:134:A:VAL:HB	9	0.46
(11,1562)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	7	0.46
(11,1562)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	7	0.46
(11,1562)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	7	0.46
(11,1562)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	7	0.46
(11,1562)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	7	0.46
(11,1562)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	7	0.46
(11,1531)	1:98:A:ILE:HG21	1:101:A:ILE:HB	3	0.46
(11,1531)	1:98:A:ILE:HG22	1:101:A:ILE:HB	3	0.46
(11,1531)	1:98:A:ILE:HG23	1:101:A:ILE:HB	3	0.46
(11,1450)	1:119:A:LEU:HA	1:121:A:VAL:HG21	10	0.46
(11,1450)	1:119:A:LEU:HA	1:121:A:VAL:HG22	10	0.46
(11,1450)	1:119:A:LEU:HA	1:121:A:VAL:HG23	10	0.46
(11,1448)	1:121:A:VAL:H	1:121:A:VAL:HG21	11	0.46
(11,1448)	1:121:A:VAL:H	1:121:A:VAL:HG22	11	0.46
(11,1448)	1:121:A:VAL:H	1:121:A:VAL:HG23	11	0.46
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG21	19	0.46
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG22	19	0.46
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG23	19	0.46
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG21	19	0.46
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG22	19	0.46
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG23	19	0.46
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG21	19	0.46
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG22	19	0.46
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG23	19	0.46
(11,1422)	1:56:A:CYS:HA	1:120:A:CYS:HA	2	0.46
(11,1321)	1:66:A:THR:HG21	1:96:A:VAL:HB	10	0.46
(11,1321)	1:66:A:THR:HG22	1:96:A:VAL:HB	10	0.46
(11,1321)	1:66:A:THR:HG23	1:96:A:VAL:HB	10	0.46
(11,1308)	1:66:A:THR:HG21	1:96:A:VAL:H	4	0.46
(11,1308)	1:66:A:THR:HG22	1:96:A:VAL:H	4	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1308)	1:66:A:THR:HG23	1:96:A:VAL:H	4	0.46
(11,936)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	17	0.46
(11,936)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	17	0.46
(11,936)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	17	0.46
(11,936)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	17	0.46
(11,921)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	10	0.46
(11,921)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	10	0.46
(11,921)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	10	0.46
(11,898)	1:69:A:MET:HE1	1:73:A:ILE:HB	19	0.46
(11,898)	1:69:A:MET:HE2	1:73:A:ILE:HB	19	0.46
(11,898)	1:69:A:MET:HE3	1:73:A:ILE:HB	19	0.46
(11,896)	1:73:A:ILE:HB	1:76:A:ARG:HA	16	0.46
(11,891)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	8	0.46
(11,891)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	8	0.46
(11,891)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	8	0.46
(11,873)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	1	0.46
(11,873)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	1	0.46
(11,873)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	1	0.46
(11,780)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	9	0.46
(11,780)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	9	0.46
(11,780)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	9	0.46
(11,780)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	9	0.46
(11,780)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	9	0.46
(11,780)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	9	0.46
(11,324)	1:44:A:GLU:HG2	1:46:A:ASN:H	6	0.46
(11,213)	1:110:A:MET:HG2	1:114:A:ILE:H	19	0.46
(11,213)	1:110:A:MET:HG3	1:114:A:ILE:H	19	0.46
(9,2059)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	15	0.46
(9,2059)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	15	0.46
(9,2059)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	15	0.46
(9,2059)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	15	0.46
(9,2059)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	15	0.46
(9,2059)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	15	0.46
(9,1882)	1:104:A:PHE:HE1	1:105:A:LYS:H	4	0.46
(9,1882)	1:104:A:PHE:HE2	1:105:A:LYS:H	4	0.46
(9,1815)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	7	0.46
(9,1815)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	7	0.46
(9,1815)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	7	0.46
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	12	0.46
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	12	0.46
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	12	0.46
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	12	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	12	0.46
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	12	0.46
(9,1766)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	9	0.46
(9,1766)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	9	0.46
(9,1719)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	12	0.46
(9,1719)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	12	0.46
(9,1719)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	12	0.46
(9,1669)	1:125:A:THR:HA	1:128:A:LEU:HA	7	0.46
(9,1567)	1:57:A:LEU:H	1:58:A:ILE:HD11	13	0.46
(9,1567)	1:57:A:LEU:H	1:58:A:ILE:HD12	13	0.46
(9,1567)	1:57:A:LEU:H	1:58:A:ILE:HD13	13	0.46
(9,1542)	1:46:A:ASN:HB2	1:134:A:VAL:HB	9	0.46
(9,1538)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	7	0.46
(9,1538)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	7	0.46
(9,1538)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	7	0.46
(9,1538)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	7	0.46
(9,1538)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	7	0.46
(9,1538)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	7	0.46
(9,1515)	1:69:A:MET:HE1	1:116:A:GLN:HE21	9	0.46
(9,1515)	1:69:A:MET:HE2	1:116:A:GLN:HE21	9	0.46
(9,1515)	1:69:A:MET:HE3	1:116:A:GLN:HE21	9	0.46
(9,1507)	1:98:A:ILE:HG21	1:101:A:ILE:HB	3	0.46
(9,1507)	1:98:A:ILE:HG22	1:101:A:ILE:HB	3	0.46
(9,1507)	1:98:A:ILE:HG23	1:101:A:ILE:HB	3	0.46
(9,1426)	1:119:A:LEU:HA	1:121:A:VAL:HG21	10	0.46
(9,1426)	1:119:A:LEU:HA	1:121:A:VAL:HG22	10	0.46
(9,1426)	1:119:A:LEU:HA	1:121:A:VAL:HG23	10	0.46
(9,1424)	1:121:A:VAL:H	1:121:A:VAL:HG21	11	0.46
(9,1424)	1:121:A:VAL:H	1:121:A:VAL:HG22	11	0.46
(9,1424)	1:121:A:VAL:H	1:121:A:VAL:HG23	11	0.46
(9,1287)	1:66:A:THR:HG21	1:96:A:VAL:H	17	0.46
(9,1287)	1:66:A:THR:HG22	1:96:A:VAL:H	17	0.46
(9,1287)	1:66:A:THR:HG23	1:96:A:VAL:H	17	0.46
(9,1173)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	13	0.46
(9,1173)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	13	0.46
(9,1173)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	13	0.46
(9,1173)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	13	0.46
(9,1173)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	13	0.46
(9,1173)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	13	0.46
(9,1033)	1:11:A:ILE:HB	1:44:A:GLU:HB2	17	0.46
(9,1033)	1:11:A:ILE:HB	1:44:A:GLU:HB3	17	0.46
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB2	6	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB3	6	0.46
(9,973)	1:15:A:ALA:HB1	1:134:A:VAL:HB	2	0.46
(9,973)	1:15:A:ALA:HB2	1:134:A:VAL:HB	2	0.46
(9,973)	1:15:A:ALA:HB3	1:134:A:VAL:HB	2	0.46
(9,947)	1:67:A:PRO:HA	1:70:A:LYS:HB2	1	0.46
(9,947)	1:67:A:PRO:HA	1:70:A:LYS:HB3	1	0.46
(9,757)	1:37:A:LEU:H	1:40:A:LEU:HB3	16	0.46
(9,750)	1:43:A:MET:HE1	1:134:A:VAL:H	8	0.46
(9,750)	1:43:A:MET:HE2	1:134:A:VAL:H	8	0.46
(9,750)	1:43:A:MET:HE3	1:134:A:VAL:H	8	0.46
(9,717)	1:73:A:ILE:HG21	1:76:A:ARG:HE	2	0.46
(9,717)	1:73:A:ILE:HG22	1:76:A:ARG:HE	2	0.46
(9,717)	1:73:A:ILE:HG23	1:76:A:ARG:HE	2	0.46
(9,518)	1:105:A:LYS:H	1:106:A:ASP:HB3	17	0.46
(9,194)	1:44:A:GLU:H	1:44:A:GLU:HG2	4	0.46
(9,14)	1:64:A:LYS:H	1:64:A:LYS:HD2	1	0.46
(9,14)	1:64:A:LYS:H	1:64:A:LYS:HD3	1	0.46
(7,2423)	1:134:A:VAL:HG11	1:137:A:SER:H	4	0.46
(7,2423)	1:134:A:VAL:HG12	1:137:A:SER:H	4	0.46
(7,2423)	1:134:A:VAL:HG13	1:137:A:SER:H	4	0.46
(7,2423)	1:134:A:VAL:HG21	1:137:A:SER:H	4	0.46
(7,2423)	1:134:A:VAL:HG22	1:137:A:SER:H	4	0.46
(7,2423)	1:134:A:VAL:HG23	1:137:A:SER:H	4	0.46
(7,2319)	1:107:A:LEU:HD11	1:112:A:GLN:HA	1	0.46
(7,2319)	1:107:A:LEU:HD12	1:112:A:GLN:HA	1	0.46
(7,2319)	1:107:A:LEU:HD13	1:112:A:GLN:HA	1	0.46
(7,2319)	1:107:A:LEU:HD21	1:112:A:GLN:HA	1	0.46
(7,2319)	1:107:A:LEU:HD22	1:112:A:GLN:HA	1	0.46
(7,2319)	1:107:A:LEU:HD23	1:112:A:GLN:HA	1	0.46
(7,2298)	1:104:A:PHE:HD1	1:116:A:GLN:HG2	17	0.46
(7,2298)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	17	0.46
(7,2298)	1:104:A:PHE:HD2	1:116:A:GLN:HG2	17	0.46
(7,2298)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	17	0.46
(7,2251)	1:79:A:THR:HG21	1:81:A:GLU:HB2	6	0.46
(7,2251)	1:79:A:THR:HG21	1:81:A:GLU:HB3	6	0.46
(7,2251)	1:79:A:THR:HG22	1:81:A:GLU:HB2	6	0.46
(7,2251)	1:79:A:THR:HG22	1:81:A:GLU:HB3	6	0.46
(7,2251)	1:79:A:THR:HG23	1:81:A:GLU:HB2	6	0.46
(7,2251)	1:79:A:THR:HG23	1:81:A:GLU:HB3	6	0.46
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD11	2	0.46
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD12	2	0.46
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD13	2	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD21	2	0.46
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD22	2	0.46
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD23	2	0.46
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD11	12	0.46
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD12	12	0.46
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD13	12	0.46
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD21	12	0.46
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD22	12	0.46
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD23	12	0.46
(7,2106)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	19	0.46
(7,2106)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	19	0.46
(7,2106)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	19	0.46
(7,2106)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	19	0.46
(7,2106)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	19	0.46
(7,2106)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	19	0.46
(7,2106)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	19	0.46
(7,2106)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	19	0.46
(7,2106)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	19	0.46
(7,2106)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	19	0.46
(7,2106)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	19	0.46
(7,2106)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	19	0.46
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD11	3	0.46
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD12	3	0.46
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD13	3	0.46
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD21	3	0.46
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD22	3	0.46
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD23	3	0.46
(7,2050)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	15	0.46
(7,2050)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	15	0.46
(7,2050)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	15	0.46
(7,2050)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	15	0.46
(7,2050)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	15	0.46
(7,2050)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	15	0.46
(7,2040)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	6	0.46
(7,2040)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	6	0.46
(7,2040)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	6	0.46
(7,2040)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	6	0.46
(7,2040)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	6	0.46
(7,2040)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	6	0.46
(7,2040)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	18	0.46
(7,2040)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	18	0.46
(7,2040)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	18	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2040)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	18	0.46
(7,2040)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	18	0.46
(7,2040)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	18	0.46
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG12	3	0.46
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG13	3	0.46
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG12	5	0.46
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG13	5	0.46
(7,1971)	1:18:A:PHE:HB2	1:132:A:ALA:HA	2	0.46
(7,1971)	1:18:A:PHE:HB3	1:132:A:ALA:HA	2	0.46
(7,1959)	1:16:A:SER:H	1:131:A:LEU:HD11	18	0.46
(7,1959)	1:16:A:SER:H	1:131:A:LEU:HD12	18	0.46
(7,1959)	1:16:A:SER:H	1:131:A:LEU:HD13	18	0.46
(7,1959)	1:16:A:SER:H	1:131:A:LEU:HD21	18	0.46
(7,1959)	1:16:A:SER:H	1:131:A:LEU:HD22	18	0.46
(7,1959)	1:16:A:SER:H	1:131:A:LEU:HD23	18	0.46
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	10	0.46
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	10	0.46
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	10	0.46
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD21	10	0.46
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD22	10	0.46
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD23	10	0.46
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	10	0.46
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	10	0.46
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	10	0.46
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD21	10	0.46
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD22	10	0.46
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD23	10	0.46
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	10	0.46
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	10	0.46
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	10	0.46
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD21	10	0.46
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD22	10	0.46
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD23	10	0.46
(7,1911)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	17	0.46
(7,1911)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	17	0.46
(7,1911)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	17	0.46
(7,1911)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	17	0.46
(7,1838)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	14	0.46
(7,1838)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	14	0.46
(7,1759)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	4	0.46
(7,1759)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	4	0.46
(7,1759)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	4	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1759)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	4	0.46
(7,1759)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	4	0.46
(7,1759)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	4	0.46
(7,1746)	1:34:A:LYS:H	1:80:A:TYR:HD1	14	0.46
(7,1746)	1:34:A:LYS:H	1:80:A:TYR:HD2	14	0.46
(7,1733)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	9	0.46
(7,1733)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	9	0.46
(7,1726)	1:39:A:VAL:HG21	1:144:A:LEU:H	19	0.46
(7,1726)	1:39:A:VAL:HG22	1:144:A:LEU:H	19	0.46
(7,1726)	1:39:A:VAL:HG23	1:144:A:LEU:H	19	0.46
(7,1706)	1:31:A:PRO:HB2	1:35:A:LEU:HA	12	0.46
(7,1706)	1:31:A:PRO:HB3	1:35:A:LEU:HA	12	0.46
(7,1663)	1:57:A:LEU:HB3	1:58:A:ILE:HD11	13	0.46
(7,1663)	1:57:A:LEU:HB3	1:58:A:ILE:HD12	13	0.46
(7,1663)	1:57:A:LEU:HB3	1:58:A:ILE:HD13	13	0.46
(7,1653)	1:69:A:MET:HA	1:109:A:PRO:HA	6	0.46
(7,1645)	1:125:A:THR:HA	1:128:A:LEU:HA	7	0.46
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG21	9	0.46
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG22	9	0.46
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG23	9	0.46
(7,1554)	1:101:A:ILE:HD11	1:112:A:GLN:HA	8	0.46
(7,1554)	1:101:A:ILE:HD12	1:112:A:GLN:HA	8	0.46
(7,1554)	1:101:A:ILE:HD13	1:112:A:GLN:HA	8	0.46
(7,1523)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	7	0.46
(7,1523)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	7	0.46
(7,1523)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	7	0.46
(7,1523)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	7	0.46
(7,1523)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	7	0.46
(7,1523)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	7	0.46
(7,1492)	1:98:A:ILE:HG21	1:101:A:ILE:HB	3	0.46
(7,1492)	1:98:A:ILE:HG22	1:101:A:ILE:HB	3	0.46
(7,1492)	1:98:A:ILE:HG23	1:101:A:ILE:HB	3	0.46
(7,1414)	1:119:A:LEU:HA	1:121:A:VAL:HG21	10	0.46
(7,1414)	1:119:A:LEU:HA	1:121:A:VAL:HG22	10	0.46
(7,1414)	1:119:A:LEU:HA	1:121:A:VAL:HG23	10	0.46
(7,1403)	1:73:A:ILE:HG21	1:113:A:PHE:HB3	8	0.46
(7,1403)	1:73:A:ILE:HG22	1:113:A:PHE:HB3	8	0.46
(7,1403)	1:73:A:ILE:HG23	1:113:A:PHE:HB3	8	0.46
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG11	4	0.46
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG12	4	0.46
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG13	4	0.46
(7,1288)	1:66:A:THR:HG21	1:96:A:VAL:HB	10	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1288)	1:66:A:THR:HG22	1:96:A:VAL:HB	10	0.46
(7,1288)	1:66:A:THR:HG23	1:96:A:VAL:HB	10	0.46
(7,1272)	1:66:A:THR:HG21	1:96:A:VAL:H	4	0.46
(7,1272)	1:66:A:THR:HG22	1:96:A:VAL:H	4	0.46
(7,1272)	1:66:A:THR:HG23	1:96:A:VAL:H	4	0.46
(7,983)	1:98:A:ILE:HB	1:105:A:LYS:HB2	17	0.46
(7,983)	1:98:A:ILE:HB	1:105:A:LYS:HB3	17	0.46
(7,901)	1:44:A:GLU:HA	1:44:A:GLU:HG2	3	0.46
(7,901)	1:44:A:GLU:HA	1:44:A:GLU:HG2	13	0.46
(7,887)	1:20:A:THR:H	1:21:A:THR:HB	8	0.46
(7,776)	1:63:A:ILE:HD11	1:64:A:LYS:H	12	0.46
(7,776)	1:63:A:ILE:HD12	1:64:A:LYS:H	12	0.46
(7,776)	1:63:A:ILE:HD13	1:64:A:LYS:H	12	0.46
(7,776)	1:63:A:ILE:HD11	1:64:A:LYS:H	16	0.46
(7,776)	1:63:A:ILE:HD12	1:64:A:LYS:H	16	0.46
(7,776)	1:63:A:ILE:HD13	1:64:A:LYS:H	16	0.46
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	6	0.46
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	6	0.46
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	6	0.46
(7,731)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	12	0.46
(7,580)	1:50:A:ALA:HB1	1:126:A:GLY:H	18	0.46
(7,580)	1:50:A:ALA:HB2	1:126:A:GLY:H	18	0.46
(7,580)	1:50:A:ALA:HB3	1:126:A:GLY:H	18	0.46
(7,387)	1:106:A:ASP:H	1:112:A:GLN:HE21	19	0.46
(7,217)	1:110:A:MET:HG2	1:114:A:ILE:H	19	0.46
(7,217)	1:110:A:MET:HG3	1:114:A:ILE:H	19	0.46
(7,120)	1:79:A:THR:HA	1:80:A:TYR:H	5	0.46
(7,120)	1:79:A:THR:HA	1:80:A:TYR:H	6	0.46
(6,2130)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	17	0.46
(6,2130)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	17	0.46
(6,2130)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	17	0.46
(6,2130)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	17	0.46
(6,2130)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	17	0.46
(6,2130)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	17	0.46
(6,2130)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	17	0.46
(6,2130)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	17	0.46
(6,2130)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	17	0.46
(6,2130)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	17	0.46
(6,2130)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	17	0.46
(6,2130)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	17	0.46
(6,2018)	1:16:A:SER:H	1:131:A:LEU:HD11	18	0.46
(6,2018)	1:16:A:SER:H	1:131:A:LEU:HD12	18	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2018)	1:16:A:SER:H	1:131:A:LEU:HD13	18	0.46
(6,2018)	1:16:A:SER:H	1:131:A:LEU:HD21	18	0.46
(6,2018)	1:16:A:SER:H	1:131:A:LEU:HD22	18	0.46
(6,2018)	1:16:A:SER:H	1:131:A:LEU:HD23	18	0.46
(6,1872)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	14	0.46
(6,1872)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	14	0.46
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	12	0.46
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	12	0.46
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	12	0.46
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	12	0.46
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	12	0.46
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	12	0.46
(6,1789)	1:34:A:LYS:H	1:80:A:TYR:HD1	14	0.46
(6,1789)	1:34:A:LYS:H	1:80:A:TYR:HD2	14	0.46
(6,1779)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	9	0.46
(6,1779)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	9	0.46
(6,1744)	1:105:A:LYS:HG3	1:106:A:ASP:HA	13	0.46
(6,1727)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	12	0.46
(6,1727)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	12	0.46
(6,1727)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	12	0.46
(6,1679)	1:125:A:THR:HA	1:128:A:LEU:HA	7	0.46
(6,1544)	1:46:A:ASN:HB2	1:134:A:VAL:HB	9	0.46
(6,1543)	1:46:A:ASN:HB2	1:134:A:VAL:H	8	0.46
(6,1540)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	7	0.46
(6,1540)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	7	0.46
(6,1540)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	7	0.46
(6,1540)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	7	0.46
(6,1540)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	7	0.46
(6,1540)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	7	0.46
(6,1507)	1:98:A:ILE:HG21	1:101:A:ILE:HB	3	0.46
(6,1507)	1:98:A:ILE:HG22	1:101:A:ILE:HB	3	0.46
(6,1507)	1:98:A:ILE:HG23	1:101:A:ILE:HB	3	0.46
(6,1457)	1:14:A:VAL:HB	1:15:A:ALA:HB1	8	0.46
(6,1457)	1:14:A:VAL:HB	1:15:A:ALA:HB2	8	0.46
(6,1457)	1:14:A:VAL:HB	1:15:A:ALA:HB3	8	0.46
(6,1457)	1:14:A:VAL:HB	1:15:A:ALA:HB1	14	0.46
(6,1457)	1:14:A:VAL:HB	1:15:A:ALA:HB2	14	0.46
(6,1457)	1:14:A:VAL:HB	1:15:A:ALA:HB3	14	0.46
(6,1425)	1:121:A:VAL:H	1:121:A:VAL:HG21	11	0.46
(6,1425)	1:121:A:VAL:H	1:121:A:VAL:HG22	11	0.46
(6,1425)	1:121:A:VAL:H	1:121:A:VAL:HG23	11	0.46
(6,1318)	1:123:A:CYS:HB2	1:128:A:LEU:HD11	8	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1318)	1:123:A:CYS:HB2	1:128:A:LEU:HD12	8	0.46
(6,1318)	1:123:A:CYS:HB2	1:128:A:LEU:HD13	8	0.46
(6,1239)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	17	0.46
(6,1239)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	17	0.46
(6,1239)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	17	0.46
(6,1239)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	17	0.46
(6,1239)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	17	0.46
(6,1239)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	17	0.46
(6,1190)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	13	0.46
(6,1190)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	13	0.46
(6,1190)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	13	0.46
(6,1190)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	13	0.46
(6,1190)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	13	0.46
(6,1190)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	13	0.46
(6,979)	1:31:A:PRO:HB2	1:144:A:LEU:HB3	10	0.46
(6,979)	1:31:A:PRO:HB3	1:144:A:LEU:HB3	10	0.46
(6,934)	1:67:A:PRO:HA	1:70:A:LYS:HB2	1	0.46
(6,934)	1:67:A:PRO:HA	1:70:A:LYS:HB3	1	0.46
(6,905)	1:44:A:GLU:HA	1:44:A:GLU:HG2	3	0.46
(6,905)	1:44:A:GLU:HA	1:44:A:GLU:HG2	13	0.46
(6,809)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	13	0.46
(6,809)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	13	0.46
(6,809)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	13	0.46
(6,801)	1:32:A:GLY:HA2	1:33:A:LYS:H	7	0.46
(6,801)	1:32:A:GLY:HA2	1:33:A:LYS:H	16	0.46
(6,788)	1:63:A:ILE:HD11	1:117:A:VAL:HB	4	0.46
(6,788)	1:63:A:ILE:HD12	1:117:A:VAL:HB	4	0.46
(6,788)	1:63:A:ILE:HD13	1:117:A:VAL:HB	4	0.46
(6,751)	1:32:A:GLY:HA2	1:34:A:LYS:H	3	0.46
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	6	0.46
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	6	0.46
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	6	0.46
(6,731)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	12	0.46
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	17	0.46
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	17	0.46
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	17	0.46
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	17	0.46
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	17	0.46
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	17	0.46
(6,321)	1:46:A:ASN:H	1:49:A:LYS:HB2	7	0.46
(6,321)	1:46:A:ASN:H	1:49:A:LYS:HB3	7	0.46
(6,131)	1:11:A:ILE:HG13	1:12:A:VAL:H	11	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,131)	1:11:A:ILE:HG13	1:12:A:VAL:H	13	0.46
(6,120)	1:79:A:THR:HA	1:80:A:TYR:H	5	0.46
(6,120)	1:79:A:THR:HA	1:80:A:TYR:H	6	0.46
(6,15)	1:64:A:LYS:H	1:64:A:LYS:HD2	1	0.46
(6,15)	1:64:A:LYS:H	1:64:A:LYS:HD3	1	0.46
(5,2479)	1:146:A:GLN:HG2	1:148:A:CYS:H	19	0.46
(5,2479)	1:146:A:GLN:HG3	1:148:A:CYS:H	19	0.46
(5,2287)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	7	0.46
(5,2287)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	7	0.46
(5,2287)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	7	0.46
(5,2287)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	7	0.46
(5,2287)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	7	0.46
(5,2287)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	7	0.46
(5,2287)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	7	0.46
(5,2287)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	7	0.46
(5,2287)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	7	0.46
(5,2287)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	7	0.46
(5,2287)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	7	0.46
(5,2287)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	7	0.46
(5,2236)	1:68:A:LYS:H	1:69:A:MET:HG2	12	0.46
(5,2236)	1:68:A:LYS:H	1:69:A:MET:HG3	12	0.46
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD11	2	0.46
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD12	2	0.46
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD13	2	0.46
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD21	2	0.46
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD22	2	0.46
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD23	2	0.46
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD11	12	0.46
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD12	12	0.46
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD13	12	0.46
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD21	12	0.46
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD22	12	0.46
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD23	12	0.46
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD11	2	0.46
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD12	2	0.46
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD13	2	0.46
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD21	2	0.46
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD22	2	0.46
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD23	2	0.46
(5,2124)	1:40:A:LEU:HD11	1:43:A:MET:H	18	0.46
(5,2124)	1:40:A:LEU:HD12	1:43:A:MET:H	18	0.46
(5,2124)	1:40:A:LEU:HD13	1:43:A:MET:H	18	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2124)	1:40:A:LEU:HD21	1:43:A:MET:H	18	0.46
(5,2124)	1:40:A:LEU:HD22	1:43:A:MET:H	18	0.46
(5,2124)	1:40:A:LEU:HD23	1:43:A:MET:H	18	0.46
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD11	18	0.46
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD12	18	0.46
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD13	18	0.46
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD21	18	0.46
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD22	18	0.46
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD23	18	0.46
(5,2065)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	16	0.46
(5,2065)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	16	0.46
(5,2065)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	16	0.46
(5,2065)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	16	0.46
(5,2065)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	16	0.46
(5,2065)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	16	0.46
(5,1997)	1:16:A:SER:H	1:131:A:LEU:HD11	18	0.46
(5,1997)	1:16:A:SER:H	1:131:A:LEU:HD12	18	0.46
(5,1997)	1:16:A:SER:H	1:131:A:LEU:HD13	18	0.46
(5,1997)	1:16:A:SER:H	1:131:A:LEU:HD21	18	0.46
(5,1997)	1:16:A:SER:H	1:131:A:LEU:HD22	18	0.46
(5,1997)	1:16:A:SER:H	1:131:A:LEU:HD23	18	0.46
(5,1979)	1:14:A:VAL:HB	1:57:A:LEU:HD11	6	0.46
(5,1979)	1:14:A:VAL:HB	1:57:A:LEU:HD12	6	0.46
(5,1979)	1:14:A:VAL:HB	1:57:A:LEU:HD13	6	0.46
(5,1979)	1:14:A:VAL:HB	1:57:A:LEU:HD21	6	0.46
(5,1979)	1:14:A:VAL:HB	1:57:A:LEU:HD22	6	0.46
(5,1979)	1:14:A:VAL:HB	1:57:A:LEU:HD23	6	0.46
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD11	18	0.46
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD12	18	0.46
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD13	18	0.46
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD21	18	0.46
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD22	18	0.46
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD23	18	0.46
(5,1963)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	17	0.46
(5,1963)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	17	0.46
(5,1963)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	17	0.46
(5,1963)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	17	0.46
(5,1907)	1:104:A:PHE:HE1	1:105:A:LYS:H	4	0.46
(5,1907)	1:104:A:PHE:HE2	1:105:A:LYS:H	4	0.46
(5,1892)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	12	0.46
(5,1892)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	12	0.46
(5,1884)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	7	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1808)	1:34:A:LYS:H	1:80:A:TYR:HD1	14	0.46
(5,1808)	1:34:A:LYS:H	1:80:A:TYR:HD2	14	0.46
(5,1798)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	9	0.46
(5,1798)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	9	0.46
(5,1788)	1:39:A:VAL:HG21	1:144:A:LEU:H	19	0.46
(5,1788)	1:39:A:VAL:HG22	1:144:A:LEU:H	19	0.46
(5,1788)	1:39:A:VAL:HG23	1:144:A:LEU:H	19	0.46
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG21	19	0.46
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG22	19	0.46
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG23	19	0.46
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG21	19	0.46
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG22	19	0.46
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG23	19	0.46
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG21	19	0.46
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG22	19	0.46
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG23	19	0.46
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG21	7	0.46
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG22	7	0.46
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG23	7	0.46
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG21	7	0.46
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG22	7	0.46
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG23	7	0.46
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG21	7	0.46
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG22	7	0.46
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG23	7	0.46
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG21	9	0.46
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG22	9	0.46
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG23	9	0.46
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG21	9	0.46
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG22	9	0.46
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG23	9	0.46
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG21	9	0.46
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG22	9	0.46
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG23	9	0.46
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG21	16	0.46
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG22	16	0.46
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG23	16	0.46
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG21	16	0.46
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG22	16	0.46
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG23	16	0.46
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG21	16	0.46
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG22	16	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG23	16	0.46
(5,1698)	1:125:A:THR:HA	1:128:A:LEU:HA	7	0.46
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	11	0.46
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	11	0.46
(5,1663)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	17	0.46
(5,1663)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	17	0.46
(5,1663)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	17	0.46
(5,1663)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	17	0.46
(5,1663)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	17	0.46
(5,1663)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	17	0.46
(5,1609)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	11	0.46
(5,1609)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	11	0.46
(5,1609)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	11	0.46
(5,1577)	1:9:A:PHE:HB2	1:14:A:VAL:HG21	9	0.46
(5,1577)	1:9:A:PHE:HB2	1:14:A:VAL:HG22	9	0.46
(5,1577)	1:9:A:PHE:HB2	1:14:A:VAL:HG23	9	0.46
(5,1556)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	7	0.46
(5,1556)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	7	0.46
(5,1556)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	7	0.46
(5,1556)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	7	0.46
(5,1556)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	7	0.46
(5,1556)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	7	0.46
(5,1528)	1:98:A:ILE:HG21	1:101:A:ILE:HB	3	0.46
(5,1528)	1:98:A:ILE:HG22	1:101:A:ILE:HB	3	0.46
(5,1528)	1:98:A:ILE:HG23	1:101:A:ILE:HB	3	0.46
(5,1448)	1:121:A:VAL:H	1:121:A:VAL:HG21	11	0.46
(5,1448)	1:121:A:VAL:H	1:121:A:VAL:HG22	11	0.46
(5,1448)	1:121:A:VAL:H	1:121:A:VAL:HG23	11	0.46
(5,1419)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	18	0.46
(5,1419)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	18	0.46
(5,1419)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	18	0.46
(5,1303)	1:14:A:VAL:HG21	1:61:A:SER:HB2	4	0.46
(5,1303)	1:14:A:VAL:HG22	1:61:A:SER:HB2	4	0.46
(5,1303)	1:14:A:VAL:HG23	1:61:A:SER:HB2	4	0.46
(5,1182)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	13	0.46
(5,1182)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	13	0.46
(5,1182)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	13	0.46
(5,1182)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	13	0.46
(5,1182)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	13	0.46
(5,1182)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	13	0.46
(5,1001)	1:98:A:ILE:HB	1:105:A:LYS:HB2	17	0.46
(5,1001)	1:98:A:ILE:HB	1:105:A:LYS:HB3	17	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1000)	1:95:A:ILE:HG21	1:105:A:LYS:HB2	2	0.46
(5,1000)	1:95:A:ILE:HG21	1:105:A:LYS:HB3	2	0.46
(5,1000)	1:95:A:ILE:HG22	1:105:A:LYS:HB2	2	0.46
(5,1000)	1:95:A:ILE:HG22	1:105:A:LYS:HB3	2	0.46
(5,1000)	1:95:A:ILE:HG23	1:105:A:LYS:HB2	2	0.46
(5,1000)	1:95:A:ILE:HG23	1:105:A:LYS:HB3	2	0.46
(5,819)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	19	0.46
(5,819)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	19	0.46
(5,819)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	19	0.46
(5,819)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	19	0.46
(5,819)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	19	0.46
(5,819)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	19	0.46
(5,806)	1:32:A:GLY:HA2	1:33:A:LYS:H	7	0.46
(5,806)	1:32:A:GLY:HA2	1:33:A:LYS:H	16	0.46
(5,793)	1:63:A:ILE:HD11	1:117:A:VAL:HB	12	0.46
(5,793)	1:63:A:ILE:HD12	1:117:A:VAL:HB	12	0.46
(5,793)	1:63:A:ILE:HD13	1:117:A:VAL:HB	12	0.46
(5,781)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	9	0.46
(5,781)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	9	0.46
(5,781)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	9	0.46
(5,781)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	9	0.46
(5,781)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	9	0.46
(5,781)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	9	0.46
(5,736)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	12	0.46
(5,630)	1:9:A:PHE:HE1	1:15:A:ALA:H	15	0.46
(5,630)	1:9:A:PHE:HE2	1:15:A:ALA:H	15	0.46
(5,585)	1:70:A:LYS:HB2	1:75:A:GLY:H	8	0.46
(5,585)	1:70:A:LYS:HB3	1:75:A:GLY:H	8	0.46
(5,266)	1:112:A:GLN:H	1:112:A:GLN:HE21	11	0.46
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD11	1	0.46
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD12	1	0.46
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD13	1	0.46
(5,116)	1:79:A:THR:HA	1:80:A:TYR:H	5	0.46
(5,116)	1:79:A:THR:HA	1:80:A:TYR:H	6	0.46
(5,111)	1:22:A:ASP:H	1:23:A:LEU:HB2	3	0.46
(5,111)	1:22:A:ASP:H	1:23:A:LEU:HB3	3	0.46
(5,39)	1:43:A:MET:HA	1:47:A:ALA:H	13	0.46
(5,15)	1:64:A:LYS:H	1:64:A:LYS:HD2	1	0.46
(5,15)	1:64:A:LYS:H	1:64:A:LYS:HD3	1	0.46
(5,7)	1:64:A:LYS:H	1:116:A:GLN:HE22	3	0.46
(4,2428)	1:134:A:VAL:HG11	1:137:A:SER:H	4	0.46
(4,2428)	1:134:A:VAL:HG12	1:137:A:SER:H	4	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2428)	1:134:A:VAL:HG13	1:137:A:SER:H	4	0.46
(4,2428)	1:134:A:VAL:HG21	1:137:A:SER:H	4	0.46
(4,2428)	1:134:A:VAL:HG22	1:137:A:SER:H	4	0.46
(4,2428)	1:134:A:VAL:HG23	1:137:A:SER:H	4	0.46
(4,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB2	3	0.46
(4,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB3	3	0.46
(4,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB2	3	0.46
(4,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB3	3	0.46
(4,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB2	3	0.46
(4,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB3	3	0.46
(4,2264)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	10	0.46
(4,2264)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	10	0.46
(4,2264)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	10	0.46
(4,2264)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	10	0.46
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD11	5	0.46
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD12	5	0.46
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD13	5	0.46
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD21	5	0.46
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD22	5	0.46
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD23	5	0.46
(4,2103)	1:39:A:VAL:HG11	1:44:A:GLU:H	7	0.46
(4,2103)	1:39:A:VAL:HG12	1:44:A:GLU:H	7	0.46
(4,2103)	1:39:A:VAL:HG13	1:44:A:GLU:H	7	0.46
(4,2103)	1:39:A:VAL:HG21	1:44:A:GLU:H	7	0.46
(4,2103)	1:39:A:VAL:HG22	1:44:A:GLU:H	7	0.46
(4,2103)	1:39:A:VAL:HG23	1:44:A:GLU:H	7	0.46
(4,2036)	1:23:A:LEU:HD11	1:25:A:ALA:H	12	0.46
(4,2036)	1:23:A:LEU:HD12	1:25:A:ALA:H	12	0.46
(4,2036)	1:23:A:LEU:HD13	1:25:A:ALA:H	12	0.46
(4,2036)	1:23:A:LEU:HD21	1:25:A:ALA:H	12	0.46
(4,2036)	1:23:A:LEU:HD22	1:25:A:ALA:H	12	0.46
(4,2036)	1:23:A:LEU:HD23	1:25:A:ALA:H	12	0.46
(4,1984)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	7	0.46
(4,1984)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	7	0.46
(4,1984)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	7	0.46
(4,1984)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	7	0.46
(4,1984)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	7	0.46
(4,1984)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	7	0.46
(4,1927)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	17	0.46
(4,1927)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	17	0.46
(4,1927)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	17	0.46
(4,1927)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	17	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	17	0.46
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	17	0.46
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	17	0.46
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	17	0.46
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	17	0.46
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	17	0.46
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	17	0.46
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	17	0.46
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	17	0.46
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	17	0.46
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	17	0.46
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	17	0.46
(4,1878)	1:150:A:THR:H	1:151:A:PHE:HD1	5	0.46
(4,1878)	1:150:A:THR:H	1:151:A:PHE:HD2	5	0.46
(4,1869)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	1	0.46
(4,1869)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	1	0.46
(4,1869)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	1	0.46
(4,1869)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	1	0.46
(4,1869)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	1	0.46
(4,1869)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	1	0.46
(4,1844)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	2	0.46
(4,1844)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	2	0.46
(4,1826)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	5	0.46
(4,1826)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	5	0.46
(4,1826)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	5	0.46
(4,1826)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	5	0.46
(4,1826)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	5	0.46
(4,1826)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	5	0.46
(4,1803)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	7	0.46
(4,1803)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	7	0.46
(4,1803)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	7	0.46
(4,1768)	1:13:A:ALA:HA	1:80:A:TYR:HD1	17	0.46
(4,1768)	1:13:A:ALA:HA	1:80:A:TYR:HD2	17	0.46
(4,1763)	1:34:A:LYS:H	1:80:A:TYR:HD1	14	0.46
(4,1763)	1:34:A:LYS:H	1:80:A:TYR:HD2	14	0.46
(4,1721)	1:31:A:PRO:HB2	1:35:A:LEU:HA	12	0.46
(4,1721)	1:31:A:PRO:HB3	1:35:A:LEU:HA	12	0.46
(4,1663)	1:69:A:MET:HA	1:109:A:PRO:HA	6	0.46
(4,1553)	1:57:A:LEU:H	1:58:A:ILE:HD11	13	0.46
(4,1553)	1:57:A:LEU:H	1:58:A:ILE:HD12	13	0.46
(4,1553)	1:57:A:LEU:H	1:58:A:ILE:HD13	13	0.46
(4,1545)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	16	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1545)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	16	0.46
(4,1545)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	16	0.46
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	6	0.46
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	6	0.46
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	6	0.46
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	6	0.46
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	6	0.46
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	6	0.46
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	8	0.46
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	8	0.46
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	8	0.46
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	8	0.46
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	8	0.46
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	8	0.46
(4,1413)	1:119:A:LEU:HA	1:121:A:VAL:HG21	10	0.46
(4,1413)	1:119:A:LEU:HA	1:121:A:VAL:HG22	10	0.46
(4,1413)	1:119:A:LEU:HA	1:121:A:VAL:HG23	10	0.46
(4,1410)	1:121:A:VAL:H	1:121:A:VAL:HG21	11	0.46
(4,1410)	1:121:A:VAL:H	1:121:A:VAL:HG22	11	0.46
(4,1410)	1:121:A:VAL:H	1:121:A:VAL:HG23	11	0.46
(4,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	6	0.46
(4,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	6	0.46
(4,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	6	0.46
(4,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	6	0.46
(4,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	6	0.46
(4,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	6	0.46
(4,1389)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	11	0.46
(4,1389)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	11	0.46
(4,1389)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	11	0.46
(4,1268)	1:66:A:THR:HG21	1:96:A:VAL:H	4	0.46
(4,1268)	1:66:A:THR:HG22	1:96:A:VAL:H	4	0.46
(4,1268)	1:66:A:THR:HG23	1:96:A:VAL:H	4	0.46
(4,1236)	1:23:A:LEU:HD11	1:25:A:ALA:H	19	0.46
(4,1236)	1:23:A:LEU:HD12	1:25:A:ALA:H	19	0.46
(4,1236)	1:23:A:LEU:HD13	1:25:A:ALA:H	19	0.46
(4,1219)	1:38:A:GLU:HB2	1:139:A:LEU:HD21	17	0.46
(4,1219)	1:38:A:GLU:HB2	1:139:A:LEU:HD22	17	0.46
(4,1219)	1:38:A:GLU:HB2	1:139:A:LEU:HD23	17	0.46
(4,1117)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	14	0.46
(4,1117)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	14	0.46
(4,1117)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	14	0.46
(4,1117)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	14	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1117)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	14	0.46
(4,1117)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	14	0.46
(4,905)	1:44:A:GLU:HA	1:44:A:GLU:HG2	3	0.46
(4,905)	1:44:A:GLU:HA	1:44:A:GLU:HG2	13	0.46
(4,810)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	13	0.46
(4,810)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	13	0.46
(4,810)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	13	0.46
(4,802)	1:32:A:GLY:HA2	1:33:A:LYS:H	7	0.46
(4,802)	1:32:A:GLY:HA2	1:33:A:LYS:H	16	0.46
(4,756)	1:69:A:MET:HG2	1:73:A:ILE:HD11	19	0.46
(4,756)	1:69:A:MET:HG2	1:73:A:ILE:HD12	19	0.46
(4,756)	1:69:A:MET:HG2	1:73:A:ILE:HD13	19	0.46
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	6	0.46
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	6	0.46
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	6	0.46
(4,728)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	12	0.46
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB2	10	0.46
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB3	10	0.46
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB2	11	0.46
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB3	11	0.46
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB2	14	0.46
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB3	14	0.46
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB2	15	0.46
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB3	15	0.46
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB2	3	0.46
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB3	3	0.46
(4,45)	1:98:A:ILE:H	1:104:A:PHE:HB3	16	0.46
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	2	0.46
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	2	0.46
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	2	0.46
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	2	0.46
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	2	0.46
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	2	0.46
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	2	0.46
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	2	0.46
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	2	0.46
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	2	0.46
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	2	0.46
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	2	0.46
(3,2317)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	4	0.46
(3,2317)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	4	0.46
(3,2317)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	4	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2317)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	4	0.46
(3,2317)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	4	0.46
(3,2317)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	4	0.46
(3,2171)	1:43:A:MET:HE1	1:46:A:ASN:HD21	17	0.46
(3,2171)	1:43:A:MET:HE1	1:46:A:ASN:HD22	17	0.46
(3,2171)	1:43:A:MET:HE2	1:46:A:ASN:HD21	17	0.46
(3,2171)	1:43:A:MET:HE2	1:46:A:ASN:HD22	17	0.46
(3,2171)	1:43:A:MET:HE3	1:46:A:ASN:HD21	17	0.46
(3,2171)	1:43:A:MET:HE3	1:46:A:ASN:HD22	17	0.46
(3,1994)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	19	0.46
(3,1994)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	19	0.46
(3,1994)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	19	0.46
(3,1994)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	19	0.46
(3,1994)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	19	0.46
(3,1994)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	19	0.46
(3,1994)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	19	0.46
(3,1994)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	19	0.46
(3,1994)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	19	0.46
(3,1994)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	19	0.46
(3,1994)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	19	0.46
(3,1994)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	19	0.46
(3,1994)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	19	0.46
(3,1994)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	19	0.46
(3,1994)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	19	0.46
(3,1994)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	19	0.46
(3,1994)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	19	0.46
(3,1994)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	19	0.46
(3,1895)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	14	0.46
(3,1895)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	14	0.46
(3,1852)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	12	0.46
(3,1852)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	12	0.46
(3,1852)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	12	0.46
(3,1852)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	12	0.46
(3,1852)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	12	0.46
(3,1852)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	12	0.46
(3,1852)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	13	0.46
(3,1852)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	13	0.46
(3,1852)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	13	0.46
(3,1852)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	13	0.46
(3,1852)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	13	0.46
(3,1852)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	13	0.46
(3,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	7	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	7	0.46
(3,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	7	0.46
(3,1812)	1:34:A:LYS:H	1:80:A:TYR:HD1	14	0.46
(3,1812)	1:34:A:LYS:H	1:80:A:TYR:HD2	14	0.46
(3,1802)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	9	0.46
(3,1802)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	9	0.46
(3,1795)	1:39:A:VAL:HG21	1:144:A:LEU:H	19	0.46
(3,1795)	1:39:A:VAL:HG22	1:144:A:LEU:H	19	0.46
(3,1795)	1:39:A:VAL:HG23	1:144:A:LEU:H	19	0.46
(3,1705)	1:125:A:THR:HA	1:128:A:LEU:HA	7	0.46
(3,1568)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	7	0.46
(3,1568)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	7	0.46
(3,1568)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	7	0.46
(3,1568)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	7	0.46
(3,1568)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	7	0.46
(3,1568)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	7	0.46
(3,1525)	1:12:A:VAL:H	1:43:A:MET:HE1	16	0.46
(3,1525)	1:12:A:VAL:H	1:43:A:MET:HE2	16	0.46
(3,1525)	1:12:A:VAL:H	1:43:A:MET:HE3	16	0.46
(3,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG21	10	0.46
(3,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG22	10	0.46
(3,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG23	10	0.46
(3,1450)	1:121:A:VAL:H	1:121:A:VAL:HG21	11	0.46
(3,1450)	1:121:A:VAL:H	1:121:A:VAL:HG22	11	0.46
(3,1450)	1:121:A:VAL:H	1:121:A:VAL:HG23	11	0.46
(3,1319)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	16	0.46
(3,1319)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	16	0.46
(3,1319)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	16	0.46
(3,1319)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	16	0.46
(3,1319)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	16	0.46
(3,1319)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	16	0.46
(3,1273)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	13	0.46
(3,1273)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	13	0.46
(3,1273)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	13	0.46
(3,1273)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	13	0.46
(3,1273)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	13	0.46
(3,1273)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	13	0.46
(3,1224)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	13	0.46
(3,1224)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	13	0.46
(3,1224)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	13	0.46
(3,1132)	1:41:A:LYS:HA	1:44:A:GLU:HG2	10	0.46
(3,1015)	1:98:A:ILE:HB	1:105:A:LYS:HB2	17	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1015)	1:98:A:ILE:HB	1:105:A:LYS:HB3	17	0.46
(3,969)	1:40:A:LEU:HA	1:43:A:MET:HG2	2	0.46
(3,932)	1:44:A:GLU:HA	1:44:A:GLU:HG2	3	0.46
(3,932)	1:44:A:GLU:HA	1:44:A:GLU:HG2	13	0.46
(3,807)	1:11:A:ILE:HD11	1:43:A:MET:HG3	19	0.46
(3,807)	1:11:A:ILE:HD12	1:43:A:MET:HG3	19	0.46
(3,807)	1:11:A:ILE:HD13	1:43:A:MET:HG3	19	0.46
(3,778)	1:101:A:ILE:HD11	1:118:A:ASP:HB3	9	0.46
(3,778)	1:101:A:ILE:HD12	1:118:A:ASP:HB3	9	0.46
(3,778)	1:101:A:ILE:HD13	1:118:A:ASP:HB3	9	0.46
(3,778)	1:101:A:ILE:HD11	1:118:A:ASP:HB3	16	0.46
(3,778)	1:101:A:ILE:HD12	1:118:A:ASP:HB3	16	0.46
(3,778)	1:101:A:ILE:HD13	1:118:A:ASP:HB3	16	0.46
(3,657)	1:66:A:THR:H	1:70:A:LYS:H	14	0.46
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB2	10	0.46
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB3	10	0.46
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB2	11	0.46
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB3	11	0.46
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB2	14	0.46
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB3	14	0.46
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB2	15	0.46
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB3	15	0.46
(3,585)	1:50:A:ALA:HB1	1:126:A:GLY:H	18	0.46
(3,585)	1:50:A:ALA:HB2	1:126:A:GLY:H	18	0.46
(3,585)	1:50:A:ALA:HB3	1:126:A:GLY:H	18	0.46
(3,397)	1:105:A:LYS:HD2	1:106:A:ASP:H	14	0.46
(3,397)	1:105:A:LYS:HD3	1:106:A:ASP:H	14	0.46
(3,350)	1:73:A:ILE:HD11	1:111:A:GLU:H	7	0.46
(3,350)	1:73:A:ILE:HD12	1:111:A:GLU:H	7	0.46
(3,350)	1:73:A:ILE:HD13	1:111:A:GLU:H	7	0.46
(3,326)	1:46:A:ASN:H	1:49:A:LYS:HB2	7	0.46
(3,326)	1:46:A:ASN:H	1:49:A:LYS:HB3	7	0.46
(3,278)	1:113:A:PHE:H	1:116:A:GLN:HG3	19	0.46
(3,264)	1:39:A:VAL:H	1:40:A:LEU:HB2	17	0.46
(3,215)	1:110:A:MET:HG2	1:114:A:ILE:H	19	0.46
(3,215)	1:110:A:MET:HG3	1:114:A:ILE:H	19	0.46
(3,115)	1:22:A:ASP:H	1:23:A:LEU:HB2	3	0.46
(3,115)	1:22:A:ASP:H	1:23:A:LEU:HB3	3	0.46
(3,104)	1:69:A:MET:H	1:69:A:MET:HE1	10	0.46
(3,104)	1:69:A:MET:H	1:69:A:MET:HE2	10	0.46
(3,104)	1:69:A:MET:H	1:69:A:MET:HE3	10	0.46
(3,63)	1:34:A:LYS:H	1:81:A:GLU:H	13	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,17)	1:64:A:LYS:H	1:64:A:LYS:HD2	1	0.46
(3,17)	1:64:A:LYS:H	1:64:A:LYS:HD3	1	0.46
(3,9)	1:64:A:LYS:H	1:116:A:GLN:HE22	3	0.46
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD11	6	0.46
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD12	6	0.46
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD13	6	0.46
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD21	6	0.46
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD22	6	0.46
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD23	6	0.46
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD11	9	0.46
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD12	9	0.46
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD13	9	0.46
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD21	9	0.46
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD22	9	0.46
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD23	9	0.46
(2,2056)	1:23:A:LEU:HD11	1:25:A:ALA:H	12	0.46
(2,2056)	1:23:A:LEU:HD12	1:25:A:ALA:H	12	0.46
(2,2056)	1:23:A:LEU:HD13	1:25:A:ALA:H	12	0.46
(2,2056)	1:23:A:LEU:HD21	1:25:A:ALA:H	12	0.46
(2,2056)	1:23:A:LEU:HD22	1:25:A:ALA:H	12	0.46
(2,2056)	1:23:A:LEU:HD23	1:25:A:ALA:H	12	0.46
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD11	15	0.46
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD12	15	0.46
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD13	15	0.46
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD21	15	0.46
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD22	15	0.46
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD23	15	0.46
(2,2027)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	18	0.46
(2,2027)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	18	0.46
(2,2027)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	18	0.46
(2,2027)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	18	0.46
(2,2027)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	18	0.46
(2,2027)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	18	0.46
(2,1920)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	8	0.46
(2,1920)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	8	0.46
(2,1920)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	8	0.46
(2,1920)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	8	0.46
(2,1920)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	8	0.46
(2,1920)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	8	0.46
(2,1803)	1:34:A:LYS:H	1:80:A:TYR:HD1	14	0.46
(2,1803)	1:34:A:LYS:H	1:80:A:TYR:HD2	14	0.46
(2,1791)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	9	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1791)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	9	0.46
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE1	10	0.46
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE2	10	0.46
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE3	10	0.46
(2,1520)	1:69:A:MET:HE1	1:116:A:GLN:HE21	9	0.46
(2,1520)	1:69:A:MET:HE2	1:116:A:GLN:HE21	9	0.46
(2,1520)	1:69:A:MET:HE3	1:116:A:GLN:HE21	9	0.46
(2,1512)	1:98:A:ILE:HG21	1:101:A:ILE:HB	3	0.46
(2,1512)	1:98:A:ILE:HG22	1:101:A:ILE:HB	3	0.46
(2,1512)	1:98:A:ILE:HG23	1:101:A:ILE:HB	3	0.46
(2,1438)	1:119:A:LEU:HA	1:121:A:VAL:HG21	10	0.46
(2,1438)	1:119:A:LEU:HA	1:121:A:VAL:HG22	10	0.46
(2,1438)	1:119:A:LEU:HA	1:121:A:VAL:HG23	10	0.46
(2,1436)	1:121:A:VAL:H	1:121:A:VAL:HG21	11	0.46
(2,1436)	1:121:A:VAL:H	1:121:A:VAL:HG22	11	0.46
(2,1436)	1:121:A:VAL:H	1:121:A:VAL:HG23	11	0.46
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG21	19	0.46
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG22	19	0.46
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG23	19	0.46
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG21	19	0.46
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG22	19	0.46
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG23	19	0.46
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG21	19	0.46
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG22	19	0.46
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG23	19	0.46
(2,1305)	1:66:A:THR:HG21	1:96:A:VAL:HB	10	0.46
(2,1305)	1:66:A:THR:HG22	1:96:A:VAL:HB	10	0.46
(2,1305)	1:66:A:THR:HG23	1:96:A:VAL:HB	10	0.46
(2,1256)	1:23:A:LEU:HD11	1:25:A:ALA:H	19	0.46
(2,1256)	1:23:A:LEU:HD12	1:25:A:ALA:H	19	0.46
(2,1256)	1:23:A:LEU:HD13	1:25:A:ALA:H	19	0.46
(2,1255)	1:23:A:LEU:HA	1:23:A:LEU:HD11	2	0.46
(2,1255)	1:23:A:LEU:HA	1:23:A:LEU:HD12	2	0.46
(2,1255)	1:23:A:LEU:HA	1:23:A:LEU:HD13	2	0.46
(2,1255)	1:23:A:LEU:HA	1:23:A:LEU:HD11	13	0.46
(2,1255)	1:23:A:LEU:HA	1:23:A:LEU:HD12	13	0.46
(2,1255)	1:23:A:LEU:HA	1:23:A:LEU:HD13	13	0.46
(2,1255)	1:23:A:LEU:HA	1:23:A:LEU:HD11	19	0.46
(2,1255)	1:23:A:LEU:HA	1:23:A:LEU:HD12	19	0.46
(2,1255)	1:23:A:LEU:HA	1:23:A:LEU:HD13	19	0.46
(2,1236)	1:38:A:GLU:HB2	1:139:A:LEU:HD21	17	0.46
(2,1236)	1:38:A:GLU:HB2	1:139:A:LEU:HD22	17	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1236)	1:38:A:GLU:HB2	1:139:A:LEU:HD23	17	0.46
(2,1172)	1:128:A:LEU:HD11	1:129:A:LYS:H	5	0.46
(2,1172)	1:128:A:LEU:HD12	1:129:A:LYS:H	5	0.46
(2,1172)	1:128:A:LEU:HD13	1:129:A:LYS:H	5	0.46
(2,1031)	1:11:A:ILE:HB	1:44:A:GLU:HB2	17	0.46
(2,1031)	1:11:A:ILE:HB	1:44:A:GLU:HB3	17	0.46
(2,968)	1:47:A:ALA:HB1	1:134:A:VAL:HB	5	0.46
(2,968)	1:47:A:ALA:HB2	1:134:A:VAL:HB	5	0.46
(2,968)	1:47:A:ALA:HB3	1:134:A:VAL:HB	5	0.46
(2,940)	1:40:A:LEU:HA	1:43:A:MET:HG2	2	0.46
(2,893)	1:69:A:MET:HE1	1:73:A:ILE:HB	19	0.46
(2,893)	1:69:A:MET:HE2	1:73:A:ILE:HB	19	0.46
(2,893)	1:69:A:MET:HE3	1:73:A:ILE:HB	19	0.46
(2,837)	1:8:A:ASP:H	1:54:A:ARG:HD2	11	0.46
(2,837)	1:8:A:ASP:H	1:54:A:ARG:HD3	11	0.46
(2,754)	1:37:A:LEU:H	1:40:A:LEU:HB3	16	0.46
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	6	0.46
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	6	0.46
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	6	0.46
(2,736)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	12	0.46
(2,622)	1:40:A:LEU:H	1:43:A:MET:HG3	3	0.46
(2,588)	1:70:A:LYS:HB2	1:75:A:GLY:H	8	0.46
(2,588)	1:70:A:LYS:HB3	1:75:A:GLY:H	8	0.46
(2,581)	1:129:A:LYS:HG2	1:130:A:GLY:H	3	0.46
(2,424)	1:39:A:VAL:HG21	1:143:A:TRP:H	3	0.46
(2,424)	1:39:A:VAL:HG22	1:143:A:TRP:H	3	0.46
(2,424)	1:39:A:VAL:HG23	1:143:A:TRP:H	3	0.46
(2,384)	1:106:A:ASP:H	1:112:A:GLN:HE21	19	0.46
(2,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	12	0.46
(2,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	12	0.46
(2,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	12	0.46
(2,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	14	0.46
(2,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	14	0.46
(2,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	14	0.46
(2,242)	1:23:A:LEU:HD21	1:24:A:ASP:H	6	0.46
(2,242)	1:23:A:LEU:HD22	1:24:A:ASP:H	6	0.46
(2,242)	1:23:A:LEU:HD23	1:24:A:ASP:H	6	0.46
(2,214)	1:110:A:MET:HG2	1:114:A:ILE:H	19	0.46
(2,214)	1:110:A:MET:HG3	1:114:A:ILE:H	19	0.46
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD11	8	0.46
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD12	8	0.46
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD13	8	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,119)	1:79:A:THR:HA	1:80:A:TYR:H	5	0.46
(2,119)	1:79:A:THR:HA	1:80:A:TYR:H	6	0.46
(2,112)	1:22:A:ASP:H	1:23:A:LEU:HB2	3	0.46
(2,112)	1:22:A:ASP:H	1:23:A:LEU:HB3	3	0.46
(2,54)	1:47:A:ALA:H	1:134:A:VAL:HG21	17	0.46
(2,54)	1:47:A:ALA:H	1:134:A:VAL:HG22	17	0.46
(2,54)	1:47:A:ALA:H	1:134:A:VAL:HG23	17	0.46
(1,2342)	1:116:A:GLN:HG2	1:119:A:LEU:HD11	3	0.46
(1,2342)	1:116:A:GLN:HG2	1:119:A:LEU:HD12	3	0.46
(1,2342)	1:116:A:GLN:HG2	1:119:A:LEU:HD13	3	0.46
(1,2342)	1:116:A:GLN:HG2	1:119:A:LEU:HD21	3	0.46
(1,2342)	1:116:A:GLN:HG2	1:119:A:LEU:HD22	3	0.46
(1,2342)	1:116:A:GLN:HG2	1:119:A:LEU:HD23	3	0.46
(1,2328)	1:113:A:PHE:HE1	1:114:A:ILE:HG12	8	0.46
(1,2328)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	8	0.46
(1,2328)	1:113:A:PHE:HE2	1:114:A:ILE:HG12	8	0.46
(1,2328)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	8	0.46
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	2	0.46
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	2	0.46
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	2	0.46
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	2	0.46
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	2	0.46
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	2	0.46
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	2	0.46
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	2	0.46
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	2	0.46
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	2	0.46
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	2	0.46
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	2	0.46
(1,2253)	1:79:A:THR:HG21	1:81:A:GLU:HB2	17	0.46
(1,2253)	1:79:A:THR:HG21	1:81:A:GLU:HB3	17	0.46
(1,2253)	1:79:A:THR:HG22	1:81:A:GLU:HB2	17	0.46
(1,2253)	1:79:A:THR:HG22	1:81:A:GLU:HB3	17	0.46
(1,2253)	1:79:A:THR:HG23	1:81:A:GLU:HB2	17	0.46
(1,2253)	1:79:A:THR:HG23	1:81:A:GLU:HB3	17	0.46
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG11	2	0.46
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG12	2	0.46
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG13	2	0.46
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG21	2	0.46
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG22	2	0.46
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG23	2	0.46
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG11	2	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG12	2	0.46
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG13	2	0.46
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG21	2	0.46
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG22	2	0.46
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG23	2	0.46
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG11	2	0.46
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG12	2	0.46
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG13	2	0.46
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG21	2	0.46
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG22	2	0.46
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG23	2	0.46
(1,1990)	1:16:A:SER:H	1:131:A:LEU:HD11	18	0.46
(1,1990)	1:16:A:SER:H	1:131:A:LEU:HD12	18	0.46
(1,1990)	1:16:A:SER:H	1:131:A:LEU:HD13	18	0.46
(1,1990)	1:16:A:SER:H	1:131:A:LEU:HD21	18	0.46
(1,1990)	1:16:A:SER:H	1:131:A:LEU:HD22	18	0.46
(1,1990)	1:16:A:SER:H	1:131:A:LEU:HD23	18	0.46
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	18	0.46
(1,1914)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	18	0.46
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	18	0.46
(1,1914)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	18	0.46
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE1	5	0.46
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE2	5	0.46
(1,1898)	1:104:A:PHE:HE1	1:105:A:LYS:H	4	0.46
(1,1898)	1:104:A:PHE:HE2	1:105:A:LYS:H	4	0.46
(1,1880)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	12	0.46
(1,1880)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	12	0.46
(1,1860)	1:80:A:TYR:HE1	1:81:A:GLU:HB3	15	0.46
(1,1860)	1:80:A:TYR:HE2	1:81:A:GLU:HB3	15	0.46
(1,1850)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	7	0.46
(1,1850)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	7	0.46
(1,1850)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	7	0.46
(1,1784)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	9	0.46
(1,1784)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	9	0.46
(1,1689)	1:125:A:THR:HA	1:128:A:LEU:HA	7	0.46
(1,1467)	1:15:A:ALA:HB1	1:132:A:ALA:HA	7	0.46
(1,1467)	1:15:A:ALA:HB2	1:132:A:ALA:HA	7	0.46
(1,1467)	1:15:A:ALA:HB3	1:132:A:ALA:HA	7	0.46
(1,1435)	1:121:A:VAL:H	1:121:A:VAL:HG21	11	0.46
(1,1435)	1:121:A:VAL:H	1:121:A:VAL:HG22	11	0.46
(1,1435)	1:121:A:VAL:H	1:121:A:VAL:HG23	11	0.46
(1,1412)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	11	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1412)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	11	0.46
(1,1412)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	11	0.46
(1,1263)	1:23:A:LEU:HD11	1:25:A:ALA:H	8	0.46
(1,1263)	1:23:A:LEU:HD12	1:25:A:ALA:H	8	0.46
(1,1263)	1:23:A:LEU:HD13	1:25:A:ALA:H	8	0.46
(1,1019)	1:98:A:ILE:HB	1:105:A:LYS:HB2	17	0.46
(1,1019)	1:98:A:ILE:HB	1:105:A:LYS:HB3	17	0.46
(1,772)	1:37:A:LEU:H	1:40:A:LEU:HB3	16	0.46
(1,727)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	7	0.46
(1,727)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	7	0.46
(1,727)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	7	0.46
(1,226)	1:110:A:MET:HG2	1:114:A:ILE:H	19	0.46
(1,226)	1:110:A:MET:HG3	1:114:A:ILE:H	19	0.46
(1,124)	1:22:A:ASP:H	1:23:A:LEU:HB2	3	0.46
(1,124)	1:22:A:ASP:H	1:23:A:LEU:HB3	3	0.46
(1,113)	1:69:A:MET:H	1:69:A:MET:HE1	14	0.46
(1,113)	1:69:A:MET:H	1:69:A:MET:HE2	14	0.46
(1,113)	1:69:A:MET:H	1:69:A:MET:HE3	14	0.46
(1,17)	1:64:A:LYS:H	1:64:A:LYS:HD2	1	0.46
(1,17)	1:64:A:LYS:H	1:64:A:LYS:HD3	1	0.46
(1,9)	1:64:A:LYS:H	1:116:A:GLN:HE22	3	0.46
(34,2292)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	15	0.45
(34,2292)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	15	0.45
(34,2292)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	15	0.45
(34,2292)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	15	0.45
(34,2292)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	15	0.45
(34,2292)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	15	0.45
(34,2292)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	15	0.45
(34,2292)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	15	0.45
(34,2292)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	15	0.45
(34,2292)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	15	0.45
(34,2292)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	15	0.45
(34,2292)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	15	0.45
(34,2277)	1:79:A:THR:HG21	1:81:A:GLU:HB2	7	0.45
(34,2277)	1:79:A:THR:HG21	1:81:A:GLU:HB3	7	0.45
(34,2277)	1:79:A:THR:HG22	1:81:A:GLU:HB2	7	0.45
(34,2277)	1:79:A:THR:HG22	1:81:A:GLU:HB3	7	0.45
(34,2277)	1:79:A:THR:HG23	1:81:A:GLU:HB2	7	0.45
(34,2277)	1:79:A:THR:HG23	1:81:A:GLU:HB3	7	0.45
(34,2159)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	11	0.45
(34,2159)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	11	0.45
(34,2159)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	11	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2159)	1:46:A:ASN:HB3	1:134:A:VAL:HG21	11	0.45
(34,2159)	1:46:A:ASN:HB3	1:134:A:VAL:HG22	11	0.45
(34,2159)	1:46:A:ASN:HB3	1:134:A:VAL:HG23	11	0.45
(34,2118)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	7	0.45
(34,2118)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	7	0.45
(34,2118)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	7	0.45
(34,2118)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	7	0.45
(34,2118)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	7	0.45
(34,2118)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	7	0.45
(34,2118)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	7	0.45
(34,2118)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	7	0.45
(34,2118)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	7	0.45
(34,2118)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	7	0.45
(34,2118)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	7	0.45
(34,2118)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	7	0.45
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD11	18	0.45
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD12	18	0.45
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD13	18	0.45
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD21	18	0.45
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD22	18	0.45
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD23	18	0.45
(34,1905)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	3	0.45
(34,1905)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	3	0.45
(34,1905)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	3	0.45
(34,1905)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	3	0.45
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	12	0.45
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	12	0.45
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	12	0.45
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	4	0.45
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	4	0.45
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	4	0.45
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	4	0.45
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	4	0.45
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	4	0.45
(34,1795)	1:34:A:LYS:H	1:80:A:TYR:HD1	6	0.45
(34,1795)	1:34:A:LYS:H	1:80:A:TYR:HD2	6	0.45
(34,1784)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	8	0.45
(34,1784)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	8	0.45
(34,1784)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	8	0.45
(34,1784)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	8	0.45
(34,1688)	1:125:A:THR:HA	1:128:A:LEU:HA	5	0.45
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE1	7	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE2	7	0.45
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE3	7	0.45
(34,1484)	1:67:A:PRO:HD3	1:95:A:ILE:HA	11	0.45
(34,1441)	1:69:A:MET:HE1	1:73:A:ILE:HG21	8	0.45
(34,1441)	1:69:A:MET:HE1	1:73:A:ILE:HG22	8	0.45
(34,1441)	1:69:A:MET:HE1	1:73:A:ILE:HG23	8	0.45
(34,1441)	1:69:A:MET:HE2	1:73:A:ILE:HG21	8	0.45
(34,1441)	1:69:A:MET:HE2	1:73:A:ILE:HG22	8	0.45
(34,1441)	1:69:A:MET:HE2	1:73:A:ILE:HG23	8	0.45
(34,1441)	1:69:A:MET:HE3	1:73:A:ILE:HG21	8	0.45
(34,1441)	1:69:A:MET:HE3	1:73:A:ILE:HG22	8	0.45
(34,1441)	1:69:A:MET:HE3	1:73:A:ILE:HG23	8	0.45
(34,1322)	1:18:A:PHE:HZ	1:60:A:LEU:HD21	14	0.45
(34,1322)	1:18:A:PHE:HZ	1:60:A:LEU:HD22	14	0.45
(34,1322)	1:18:A:PHE:HZ	1:60:A:LEU:HD23	14	0.45
(34,1256)	1:143:A:TRP:H	1:144:A:LEU:HD11	1	0.45
(34,1256)	1:143:A:TRP:H	1:144:A:LEU:HD12	1	0.45
(34,1256)	1:143:A:TRP:H	1:144:A:LEU:HD13	1	0.45
(34,1194)	1:136:A:CYS:HA	1:140:A:LEU:HD21	8	0.45
(34,1194)	1:136:A:CYS:HA	1:140:A:LEU:HD22	8	0.45
(34,1194)	1:136:A:CYS:HA	1:140:A:LEU:HD23	8	0.45
(34,1101)	1:11:A:ILE:HG13	1:44:A:GLU:HA	17	0.45
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD11	3	0.45
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD12	3	0.45
(34,1090)	1:95:A:ILE:HA	1:95:A:ILE:HD13	3	0.45
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD11	11	0.45
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD12	11	0.45
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD13	11	0.45
(34,1064)	1:11:A:ILE:HB	1:44:A:GLU:HB2	9	0.45
(34,1064)	1:11:A:ILE:HB	1:44:A:GLU:HB3	9	0.45
(34,866)	1:18:A:PHE:HZ	1:60:A:LEU:HB2	12	0.45
(34,839)	1:69:A:MET:HE1	1:114:A:ILE:HD11	6	0.45
(34,839)	1:69:A:MET:HE1	1:114:A:ILE:HD12	6	0.45
(34,839)	1:69:A:MET:HE1	1:114:A:ILE:HD13	6	0.45
(34,839)	1:69:A:MET:HE2	1:114:A:ILE:HD11	6	0.45
(34,839)	1:69:A:MET:HE2	1:114:A:ILE:HD12	6	0.45
(34,839)	1:69:A:MET:HE2	1:114:A:ILE:HD13	6	0.45
(34,839)	1:69:A:MET:HE3	1:114:A:ILE:HD11	6	0.45
(34,839)	1:69:A:MET:HE3	1:114:A:ILE:HD12	6	0.45
(34,839)	1:69:A:MET:HE3	1:114:A:ILE:HD13	6	0.45
(34,661)	1:79:A:THR:H	1:80:A:TYR:HD1	16	0.45
(34,661)	1:79:A:THR:H	1:80:A:TYR:HD2	16	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,509)	1:105:A:LYS:H	1:105:A:LYS:HD2	7	0.45
(34,509)	1:105:A:LYS:H	1:105:A:LYS:HD3	7	0.45
(34,382)	1:40:A:LEU:HB3	1:41:A:LYS:H	17	0.45
(34,112)	1:69:A:MET:H	1:73:A:ILE:HD11	7	0.45
(34,112)	1:69:A:MET:H	1:73:A:ILE:HD12	7	0.45
(34,112)	1:69:A:MET:H	1:73:A:ILE:HD13	7	0.45
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD11	11	0.45
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD12	11	0.45
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD13	11	0.45
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD21	11	0.45
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD22	11	0.45
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD23	11	0.45
(33,2068)	1:32:A:GLY:HA2	1:34:A:LYS:H	2	0.45
(33,2068)	1:32:A:GLY:HA3	1:34:A:LYS:H	2	0.45
(33,2019)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	12	0.45
(33,2019)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	12	0.45
(33,2019)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	12	0.45
(33,2019)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	12	0.45
(33,2019)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	12	0.45
(33,2019)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	12	0.45
(33,2018)	1:18:A:PHE:HB2	1:132:A:ALA:HA	4	0.45
(33,2018)	1:18:A:PHE:HB3	1:132:A:ALA:HA	4	0.45
(33,2018)	1:18:A:PHE:HB2	1:132:A:ALA:HA	8	0.45
(33,2018)	1:18:A:PHE:HB3	1:132:A:ALA:HA	8	0.45
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG11	5	0.45
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG12	5	0.45
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG13	5	0.45
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG21	5	0.45
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG22	5	0.45
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG23	5	0.45
(33,1897)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	3	0.45
(33,1897)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	3	0.45
(33,1897)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	3	0.45
(33,1897)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	3	0.45
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	9	0.45
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	9	0.45
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	9	0.45
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	9	0.45
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	9	0.45
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	9	0.45
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	9	0.45
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	9	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	9	0.45
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	9	0.45
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	9	0.45
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	9	0.45
(33,1893)	1:18:A:PHE:HE1	1:117:A:VAL:HA	10	0.45
(33,1893)	1:18:A:PHE:HE2	1:117:A:VAL:HA	10	0.45
(33,1846)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	5	0.45
(33,1846)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	5	0.45
(33,1846)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	5	0.45
(33,1846)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	5	0.45
(33,1846)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	5	0.45
(33,1846)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	5	0.45
(33,1778)	1:34:A:LYS:H	1:80:A:TYR:HD1	6	0.45
(33,1778)	1:34:A:LYS:H	1:80:A:TYR:HD2	6	0.45
(33,1767)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	8	0.45
(33,1767)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	8	0.45
(33,1767)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	8	0.45
(33,1767)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	8	0.45
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD21	19	0.45
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD22	19	0.45
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD23	19	0.45
(33,1573)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	11	0.45
(33,1573)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	11	0.45
(33,1573)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	11	0.45
(33,1423)	1:69:A:MET:HE1	1:73:A:ILE:HG21	8	0.45
(33,1423)	1:69:A:MET:HE1	1:73:A:ILE:HG22	8	0.45
(33,1423)	1:69:A:MET:HE1	1:73:A:ILE:HG23	8	0.45
(33,1423)	1:69:A:MET:HE2	1:73:A:ILE:HG21	8	0.45
(33,1423)	1:69:A:MET:HE2	1:73:A:ILE:HG22	8	0.45
(33,1423)	1:69:A:MET:HE2	1:73:A:ILE:HG23	8	0.45
(33,1423)	1:69:A:MET:HE3	1:73:A:ILE:HG21	8	0.45
(33,1423)	1:69:A:MET:HE3	1:73:A:ILE:HG22	8	0.45
(33,1423)	1:69:A:MET:HE3	1:73:A:ILE:HG23	8	0.45
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG11	12	0.45
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG12	12	0.45
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG13	12	0.45
(33,1300)	1:66:A:THR:HG21	1:104:A:PHE:HE1	6	0.45
(33,1300)	1:66:A:THR:HG21	1:104:A:PHE:HE2	6	0.45
(33,1300)	1:66:A:THR:HG22	1:104:A:PHE:HE1	6	0.45
(33,1300)	1:66:A:THR:HG22	1:104:A:PHE:HE2	6	0.45
(33,1300)	1:66:A:THR:HG23	1:104:A:PHE:HE1	6	0.45
(33,1300)	1:66:A:THR:HG23	1:104:A:PHE:HE2	6	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD21	17	0.45
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD22	17	0.45
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD23	17	0.45
(33,1069)	1:11:A:ILE:HG13	1:44:A:GLU:HA	17	0.45
(33,1041)	1:11:A:ILE:HA	1:14:A:VAL:HB	8	0.45
(33,1030)	1:41:A:LYS:HA	1:44:A:GLU:HB2	6	0.45
(33,1030)	1:41:A:LYS:HA	1:44:A:GLU:HB3	6	0.45
(33,881)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	5	0.45
(33,881)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	5	0.45
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	9	0.45
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	9	0.45
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	9	0.45
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	9	0.45
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	9	0.45
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	9	0.45
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	9	0.45
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	9	0.45
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	9	0.45
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	12	0.45
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	12	0.45
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	12	0.45
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	12	0.45
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	12	0.45
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	12	0.45
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	12	0.45
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	12	0.45
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	12	0.45
(33,823)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	6	0.45
(33,823)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	6	0.45
(33,823)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	6	0.45
(33,823)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	6	0.45
(33,823)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	6	0.45
(33,823)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	6	0.45
(33,254)	1:27:A:ARG:HA	1:29:A:LYS:H	19	0.45
(33,119)	1:79:A:THR:HA	1:80:A:TYR:H	9	0.45
(33,119)	1:79:A:THR:HA	1:80:A:TYR:H	14	0.45
(33,58)	1:98:A:ILE:H	1:101:A:ILE:HG13	7	0.45
(32,2461)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	2	0.45
(32,2461)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	2	0.45
(32,2461)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	2	0.45
(32,2461)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	2	0.45
(32,2461)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	2	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2461)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	2	0.45
(32,2205)	1:63:A:ILE:H	1:63:A:ILE:HG12	11	0.45
(32,2205)	1:63:A:ILE:H	1:63:A:ILE:HG13	11	0.45
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	1	0.45
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	1	0.45
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	1	0.45
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	1	0.45
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	1	0.45
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	1	0.45
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	1	0.45
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	1	0.45
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	1	0.45
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	1	0.45
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	1	0.45
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	1	0.45
(32,2144)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	11	0.45
(32,2144)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	11	0.45
(32,2144)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	11	0.45
(32,2144)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	11	0.45
(32,2144)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	11	0.45
(32,2144)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	11	0.45
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD11	6	0.45
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD12	6	0.45
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD13	6	0.45
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD21	6	0.45
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD22	6	0.45
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD23	6	0.45
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD11	6	0.45
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD12	6	0.45
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD13	6	0.45
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD21	6	0.45
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD22	6	0.45
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD23	6	0.45
(32,1981)	1:17:A:ASN:HB2	1:76:A:ARG:HA	2	0.45
(32,1981)	1:17:A:ASN:HB3	1:76:A:ARG:HA	2	0.45
(32,1816)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	15	0.45
(32,1816)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	15	0.45
(32,1816)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	15	0.45
(32,1816)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	15	0.45
(32,1816)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	15	0.45
(32,1816)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	15	0.45
(32,1423)	1:15:A:ALA:HB1	1:132:A:ALA:HA	5	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1423)	1:15:A:ALA:HB2	1:132:A:ALA:HA	5	0.45
(32,1423)	1:15:A:ALA:HB3	1:132:A:ALA:HA	5	0.45
(32,1357)	1:19:A:ALA:HB1	1:132:A:ALA:HA	10	0.45
(32,1357)	1:19:A:ALA:HB2	1:132:A:ALA:HA	10	0.45
(32,1357)	1:19:A:ALA:HB3	1:132:A:ALA:HA	10	0.45
(32,1262)	1:66:A:THR:HG21	1:104:A:PHE:HE1	6	0.45
(32,1262)	1:66:A:THR:HG21	1:104:A:PHE:HE2	6	0.45
(32,1262)	1:66:A:THR:HG22	1:104:A:PHE:HE1	6	0.45
(32,1262)	1:66:A:THR:HG22	1:104:A:PHE:HE2	6	0.45
(32,1262)	1:66:A:THR:HG23	1:104:A:PHE:HE1	6	0.45
(32,1262)	1:66:A:THR:HG23	1:104:A:PHE:HE2	6	0.45
(32,1042)	1:11:A:ILE:HG12	1:44:A:GLU:HA	6	0.45
(32,901)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	2	0.45
(32,901)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	2	0.45
(32,901)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	2	0.45
(32,901)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	2	0.45
(32,800)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	6	0.45
(32,800)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	6	0.45
(32,800)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	6	0.45
(32,800)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	6	0.45
(32,800)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	6	0.45
(32,800)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	6	0.45
(32,608)	1:34:A:LYS:HG2	1:35:A:LEU:H	2	0.45
(32,608)	1:34:A:LYS:HG3	1:35:A:LEU:H	2	0.45
(32,497)	1:70:A:LYS:HE2	1:71:A:LYS:H	8	0.45
(32,497)	1:70:A:LYS:HE3	1:71:A:LYS:H	8	0.45
(32,425)	1:143:A:TRP:H	1:144:A:LEU:HD11	1	0.45
(32,425)	1:143:A:TRP:H	1:144:A:LEU:HD12	1	0.45
(32,425)	1:143:A:TRP:H	1:144:A:LEU:HD13	1	0.45
(32,249)	1:27:A:ARG:HA	1:29:A:LYS:H	19	0.45
(32,192)	1:101:A:ILE:H	1:104:A:PHE:HD1	2	0.45
(32,192)	1:101:A:ILE:H	1:104:A:PHE:HD2	2	0.45
(32,118)	1:79:A:THR:HA	1:80:A:TYR:H	9	0.45
(32,118)	1:79:A:THR:HA	1:80:A:TYR:H	14	0.45
(32,105)	1:69:A:MET:H	1:73:A:ILE:HD11	7	0.45
(32,105)	1:69:A:MET:H	1:73:A:ILE:HD12	7	0.45
(32,105)	1:69:A:MET:H	1:73:A:ILE:HD13	7	0.45
(30,2449)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	2	0.45
(30,2449)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	2	0.45
(30,2449)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	2	0.45
(30,2449)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	2	0.45
(30,2449)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	2	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2449)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	2	0.45
(30,2345)	1:107:A:LEU:HD11	1:112:A:GLN:H	6	0.45
(30,2345)	1:107:A:LEU:HD12	1:112:A:GLN:H	6	0.45
(30,2345)	1:107:A:LEU:HD13	1:112:A:GLN:H	6	0.45
(30,2345)	1:107:A:LEU:HD21	1:112:A:GLN:H	6	0.45
(30,2345)	1:107:A:LEU:HD22	1:112:A:GLN:H	6	0.45
(30,2345)	1:107:A:LEU:HD23	1:112:A:GLN:H	6	0.45
(30,2302)	1:98:A:ILE:H	1:104:A:PHE:HB2	6	0.45
(30,2302)	1:98:A:ILE:H	1:104:A:PHE:HB3	6	0.45
(30,2233)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	7	0.45
(30,2233)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	7	0.45
(30,2233)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	7	0.45
(30,2233)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	7	0.45
(30,2087)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	18	0.45
(30,2087)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	18	0.45
(30,2087)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	18	0.45
(30,2087)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	18	0.45
(30,2087)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	18	0.45
(30,2087)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	18	0.45
(30,2084)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	16	0.45
(30,2084)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	16	0.45
(30,2084)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	16	0.45
(30,2084)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	16	0.45
(30,2084)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	16	0.45
(30,2084)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	16	0.45
(30,1868)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	1	0.45
(30,1868)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	1	0.45
(30,1865)	1:18:A:PHE:HA	1:113:A:PHE:HE1	19	0.45
(30,1865)	1:18:A:PHE:HA	1:113:A:PHE:HE2	19	0.45
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	12	0.45
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	12	0.45
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	12	0.45
(30,1783)	1:34:A:LYS:H	1:80:A:TYR:HD1	6	0.45
(30,1783)	1:34:A:LYS:H	1:80:A:TYR:HD2	6	0.45
(30,1727)	1:79:A:THR:HG21	1:81:A:GLU:HB3	5	0.45
(30,1727)	1:79:A:THR:HG22	1:81:A:GLU:HB3	5	0.45
(30,1727)	1:79:A:THR:HG23	1:81:A:GLU:HB3	5	0.45
(30,1727)	1:79:A:THR:HG21	1:81:A:GLU:HB2	5	0.45
(30,1727)	1:79:A:THR:HG22	1:81:A:GLU:HB2	5	0.45
(30,1727)	1:79:A:THR:HG23	1:81:A:GLU:HB2	5	0.45
(30,1626)	1:33:A:LYS:HA	1:80:A:TYR:HB2	11	0.45
(30,1436)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	3	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1436)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	3	0.45
(30,1436)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	3	0.45
(30,1436)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	3	0.45
(30,1436)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	3	0.45
(30,1436)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	3	0.45
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	5	0.45
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	5	0.45
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	5	0.45
(30,1226)	1:143:A:TRP:H	1:144:A:LEU:HD11	1	0.45
(30,1226)	1:143:A:TRP:H	1:144:A:LEU:HD12	1	0.45
(30,1226)	1:143:A:TRP:H	1:144:A:LEU:HD13	1	0.45
(30,1062)	1:11:A:ILE:HG13	1:44:A:GLU:HA	17	0.45
(30,1018)	1:41:A:LYS:HA	1:44:A:GLU:HB2	6	0.45
(30,1018)	1:41:A:LYS:HA	1:44:A:GLU:HB3	6	0.45
(30,817)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	6	0.45
(30,817)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	6	0.45
(30,817)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	6	0.45
(30,817)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	6	0.45
(30,817)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	6	0.45
(30,817)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	6	0.45
(30,677)	1:18:A:PHE:HB3	1:132:A:ALA:H	11	0.45
(30,122)	1:79:A:THR:HA	1:80:A:TYR:H	9	0.45
(30,122)	1:79:A:THR:HA	1:80:A:TYR:H	14	0.45
(30,116)	1:22:A:ASP:H	1:23:A:LEU:HB2	17	0.45
(30,116)	1:22:A:ASP:H	1:23:A:LEU:HB3	17	0.45
(30,110)	1:69:A:MET:H	1:73:A:ILE:HD11	7	0.45
(30,110)	1:69:A:MET:H	1:73:A:ILE:HD12	7	0.45
(30,110)	1:69:A:MET:H	1:73:A:ILE:HD13	7	0.45
(30,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	2	0.45
(30,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	2	0.45
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD11	8	0.45
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD12	8	0.45
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD13	8	0.45
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD21	8	0.45
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD22	8	0.45
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD23	8	0.45
(29,1925)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	9	0.45
(29,1925)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	9	0.45
(29,1925)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	9	0.45
(29,1925)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	9	0.45
(29,1925)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	9	0.45
(29,1925)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	9	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1816)	1:71:A:LYS:HE2	1:72:A:PHE:HD1	15	0.45
(29,1816)	1:71:A:LYS:HE2	1:72:A:PHE:HD2	15	0.45
(29,1816)	1:71:A:LYS:HE3	1:72:A:PHE:HD1	15	0.45
(29,1816)	1:71:A:LYS:HE3	1:72:A:PHE:HD2	15	0.45
(29,1803)	1:34:A:LYS:H	1:80:A:TYR:HD1	6	0.45
(29,1803)	1:34:A:LYS:H	1:80:A:TYR:HD2	6	0.45
(29,1741)	1:79:A:THR:HG21	1:81:A:GLU:HG2	4	0.45
(29,1741)	1:79:A:THR:HG21	1:81:A:GLU:HG3	4	0.45
(29,1741)	1:79:A:THR:HG22	1:81:A:GLU:HG2	4	0.45
(29,1741)	1:79:A:THR:HG22	1:81:A:GLU:HG3	4	0.45
(29,1741)	1:79:A:THR:HG23	1:81:A:GLU:HG2	4	0.45
(29,1741)	1:79:A:THR:HG23	1:81:A:GLU:HG3	4	0.45
(29,1729)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	3	0.45
(29,1598)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	11	0.45
(29,1598)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	11	0.45
(29,1598)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	11	0.45
(29,1440)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	3	0.45
(29,1440)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	3	0.45
(29,1440)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	3	0.45
(29,1440)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	3	0.45
(29,1440)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	3	0.45
(29,1440)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	3	0.45
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG11	3	0.45
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG12	3	0.45
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG13	3	0.45
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD11	12	0.45
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD12	12	0.45
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD13	12	0.45
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD11	12	0.45
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD12	12	0.45
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD13	12	0.45
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD11	12	0.45
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD12	12	0.45
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD13	12	0.45
(29,1305)	1:66:A:THR:HG21	1:104:A:PHE:HE1	6	0.45
(29,1305)	1:66:A:THR:HG21	1:104:A:PHE:HE2	6	0.45
(29,1305)	1:66:A:THR:HG22	1:104:A:PHE:HE1	6	0.45
(29,1305)	1:66:A:THR:HG22	1:104:A:PHE:HE2	6	0.45
(29,1305)	1:66:A:THR:HG23	1:104:A:PHE:HE1	6	0.45
(29,1305)	1:66:A:THR:HG23	1:104:A:PHE:HE2	6	0.45
(29,1183)	1:136:A:CYS:HA	1:140:A:LEU:HD21	8	0.45
(29,1183)	1:136:A:CYS:HA	1:140:A:LEU:HD22	8	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1183)	1:136:A:CYS:HA	1:140:A:LEU:HD23	8	0.45
(29,1123)	1:43:A:MET:HA	1:43:A:MET:HG3	16	0.45
(29,1043)	1:41:A:LYS:HA	1:44:A:GLU:HB2	6	0.45
(29,1043)	1:41:A:LYS:HA	1:44:A:GLU:HB3	6	0.45
(29,1035)	1:113:A:PHE:HA	1:116:A:GLN:HG3	14	0.45
(29,972)	1:11:A:ILE:HD11	1:43:A:MET:HB3	14	0.45
(29,972)	1:11:A:ILE:HD12	1:43:A:MET:HB3	14	0.45
(29,972)	1:11:A:ILE:HD13	1:43:A:MET:HB3	14	0.45
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	18	0.45
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	18	0.45
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	18	0.45
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	18	0.45
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	18	0.45
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	18	0.45
(29,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	6	0.45
(29,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	6	0.45
(29,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	6	0.45
(29,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	6	0.45
(29,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	6	0.45
(29,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	6	0.45
(29,818)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	12	0.45
(29,818)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	12	0.45
(29,818)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	12	0.45
(29,818)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	12	0.45
(29,818)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	12	0.45
(29,818)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	12	0.45
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	10	0.45
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	10	0.45
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	10	0.45
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	10	0.45
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	10	0.45
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	10	0.45
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	10	0.45
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	10	0.45
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	10	0.45
(29,784)	1:73:A:ILE:HD11	1:113:A:PHE:HD1	8	0.45
(29,784)	1:73:A:ILE:HD11	1:113:A:PHE:HD2	8	0.45
(29,784)	1:73:A:ILE:HD12	1:113:A:PHE:HD1	8	0.45
(29,784)	1:73:A:ILE:HD12	1:113:A:PHE:HD2	8	0.45
(29,784)	1:73:A:ILE:HD13	1:113:A:PHE:HD1	8	0.45
(29,784)	1:73:A:ILE:HD13	1:113:A:PHE:HD2	8	0.45
(29,658)	1:79:A:THR:H	1:80:A:TYR:HD1	16	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,658)	1:79:A:THR:H	1:80:A:TYR:HD2	16	0.45
(29,427)	1:100:A:ALA:H	1:101:A:ILE:HG12	14	0.45
(29,296)	1:43:A:MET:H	1:43:A:MET:HG3	7	0.45
(29,257)	1:27:A:ARG:HA	1:29:A:LYS:H	19	0.45
(29,206)	1:101:A:ILE:H	1:104:A:PHE:HD1	2	0.45
(29,206)	1:101:A:ILE:H	1:104:A:PHE:HD2	2	0.45
(29,119)	1:22:A:ASP:H	1:23:A:LEU:HB2	17	0.45
(29,119)	1:22:A:ASP:H	1:23:A:LEU:HB3	17	0.45
(29,73)	1:63:A:ILE:HG21	1:117:A:VAL:H	8	0.45
(29,73)	1:63:A:ILE:HG22	1:117:A:VAL:H	8	0.45
(29,73)	1:63:A:ILE:HG23	1:117:A:VAL:H	8	0.45
(23,17)	1:118:A:ASP:N	1:114:A:ILE:O	17	0.45
(23,16)	1:117:A:VAL:N	1:113:A:PHE:O	17	0.45
(23,4)	1:45:A:ALA:N	1:41:A:LYS:O	8	0.45
(23,2)	1:39:A:VAL:N	1:36:A:PRO:O	14	0.45
(23,2)	1:39:A:VAL:N	1:36:A:PRO:O	18	0.45
(23,1)	1:17:A:ASN:N	1:13:A:ALA:O	13	0.45
(22,40)	1:128:A:LEU:N	1:124:A:THR:C	3	0.45
(22,34)	1:118:A:ASP:N	1:114:A:ILE:C	19	0.45
(22,27)	1:115:A:ALA:H	1:111:A:GLU:C	8	0.45
(22,16)	1:61:A:SER:N	1:57:A:LEU:C	11	0.45
(22,12)	1:59:A:CYS:N	1:55:A:GLY:C	16	0.45
(22,10)	1:58:A:ILE:N	1:54:A:ARG:C	3	0.45
(22,7)	1:45:A:ALA:H	1:41:A:LYS:C	11	0.45
(22,7)	1:45:A:ALA:H	1:41:A:LYS:C	17	0.45
(22,1)	1:17:A:ASN:H	1:13:A:ALA:C	7	0.45
(19,10)	1:127:A:CYS:SG	1:52:A:CYS:CB	2	0.45
(19,7)	1:123:A:CYS:SG	1:56:A:CYS:CB	15	0.45
(18,2440)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	2	0.45
(18,2440)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	2	0.45
(18,2440)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	2	0.45
(18,2440)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	2	0.45
(18,2440)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	2	0.45
(18,2440)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	2	0.45
(18,2251)	1:69:A:MET:HG2	1:70:A:LYS:HG2	11	0.45
(18,2251)	1:69:A:MET:HG3	1:70:A:LYS:HG2	11	0.45
(18,2226)	1:60:A:LEU:HD11	1:123:A:CYS:H	6	0.45
(18,2226)	1:60:A:LEU:HD12	1:123:A:CYS:H	6	0.45
(18,2226)	1:60:A:LEU:HD13	1:123:A:CYS:H	6	0.45
(18,2226)	1:60:A:LEU:HD21	1:123:A:CYS:H	6	0.45
(18,2226)	1:60:A:LEU:HD22	1:123:A:CYS:H	6	0.45
(18,2226)	1:60:A:LEU:HD23	1:123:A:CYS:H	6	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2153)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	11	0.45
(18,2153)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	11	0.45
(18,2153)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	11	0.45
(18,2153)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	11	0.45
(18,2153)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	11	0.45
(18,2153)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	11	0.45
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	10	0.45
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	10	0.45
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	10	0.45
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	10	0.45
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	10	0.45
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	10	0.45
(18,1890)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	3	0.45
(18,1890)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	3	0.45
(18,1890)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	3	0.45
(18,1890)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	3	0.45
(18,1851)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	1	0.45
(18,1851)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	1	0.45
(18,1764)	1:34:A:LYS:H	1:80:A:TYR:HD1	6	0.45
(18,1764)	1:34:A:LYS:H	1:80:A:TYR:HD2	6	0.45
(18,1697)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	3	0.45
(18,1570)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	11	0.45
(18,1570)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	11	0.45
(18,1570)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	11	0.45
(18,1428)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	3	0.45
(18,1428)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	3	0.45
(18,1428)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	3	0.45
(18,1428)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	3	0.45
(18,1428)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	3	0.45
(18,1428)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	3	0.45
(18,1316)	1:107:A:LEU:HA	1:108:A:GLU:HG2	3	0.45
(18,1288)	1:66:A:THR:HG21	1:104:A:PHE:HE1	6	0.45
(18,1288)	1:66:A:THR:HG21	1:104:A:PHE:HE2	6	0.45
(18,1288)	1:66:A:THR:HG22	1:104:A:PHE:HE1	6	0.45
(18,1288)	1:66:A:THR:HG22	1:104:A:PHE:HE2	6	0.45
(18,1288)	1:66:A:THR:HG23	1:104:A:PHE:HE1	6	0.45
(18,1288)	1:66:A:THR:HG23	1:104:A:PHE:HE2	6	0.45
(18,1257)	1:23:A:LEU:HD11	1:24:A:ASP:H	1	0.45
(18,1257)	1:23:A:LEU:HD12	1:24:A:ASP:H	1	0.45
(18,1257)	1:23:A:LEU:HD13	1:24:A:ASP:H	1	0.45
(18,1175)	1:136:A:CYS:HA	1:140:A:LEU:HD21	8	0.45
(18,1175)	1:136:A:CYS:HA	1:140:A:LEU:HD22	8	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1175)	1:136:A:CYS:HA	1:140:A:LEU:HD23	8	0.45
(18,1124)	1:43:A:MET:HA	1:43:A:MET:HG3	17	0.45
(18,1086)	1:54:A:ARG:HA	1:57:A:LEU:HD21	9	0.45
(18,1086)	1:54:A:ARG:HA	1:57:A:LEU:HD22	9	0.45
(18,1086)	1:54:A:ARG:HA	1:57:A:LEU:HD23	9	0.45
(18,1086)	1:54:A:ARG:HA	1:57:A:LEU:HD21	13	0.45
(18,1086)	1:54:A:ARG:HA	1:57:A:LEU:HD22	13	0.45
(18,1086)	1:54:A:ARG:HA	1:57:A:LEU:HD23	13	0.45
(18,1085)	1:11:A:ILE:HG13	1:44:A:GLU:HA	17	0.45
(18,964)	1:40:A:LEU:HA	1:43:A:MET:HG3	9	0.45
(18,938)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	2	0.45
(18,938)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	2	0.45
(18,938)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	2	0.45
(18,938)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	2	0.45
(18,817)	1:32:A:GLY:HA2	1:33:A:LYS:H	18	0.45
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	10	0.45
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	10	0.45
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	10	0.45
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	10	0.45
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	10	0.45
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	10	0.45
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	10	0.45
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	10	0.45
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	10	0.45
(18,731)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	7	0.45
(18,731)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	7	0.45
(18,731)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	7	0.45
(18,665)	1:79:A:THR:H	1:80:A:TYR:HD1	16	0.45
(18,665)	1:79:A:THR:H	1:80:A:TYR:HD2	16	0.45
(18,450)	1:143:A:TRP:H	1:144:A:LEU:HD11	1	0.45
(18,450)	1:143:A:TRP:H	1:144:A:LEU:HD12	1	0.45
(18,450)	1:143:A:TRP:H	1:144:A:LEU:HD13	1	0.45
(18,322)	1:11:A:ILE:HD11	1:43:A:MET:H	1	0.45
(18,322)	1:11:A:ILE:HD12	1:43:A:MET:H	1	0.45
(18,322)	1:11:A:ILE:HD13	1:43:A:MET:H	1	0.45
(18,239)	1:112:A:GLN:HG2	1:114:A:ILE:H	5	0.45
(18,239)	1:112:A:GLN:HG3	1:114:A:ILE:H	5	0.45
(18,238)	1:10:A:ASN:H	1:13:A:ALA:HB1	18	0.45
(18,238)	1:10:A:ASN:H	1:13:A:ALA:HB2	18	0.45
(18,238)	1:10:A:ASN:H	1:13:A:ALA:HB3	18	0.45
(18,207)	1:101:A:ILE:H	1:104:A:PHE:HD1	2	0.45
(18,207)	1:101:A:ILE:H	1:104:A:PHE:HD2	2	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD11	13	0.45
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD12	13	0.45
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD13	13	0.45
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD21	13	0.45
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD22	13	0.45
(17,2382)	1:117:A:VAL:HG11	1:131:A:LEU:HD23	13	0.45
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD11	13	0.45
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD12	13	0.45
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD13	13	0.45
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD21	13	0.45
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD22	13	0.45
(17,2382)	1:117:A:VAL:HG12	1:131:A:LEU:HD23	13	0.45
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD11	13	0.45
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD12	13	0.45
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD13	13	0.45
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD21	13	0.45
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD22	13	0.45
(17,2382)	1:117:A:VAL:HG13	1:131:A:LEU:HD23	13	0.45
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD11	13	0.45
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD12	13	0.45
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD13	13	0.45
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD21	13	0.45
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD22	13	0.45
(17,2382)	1:117:A:VAL:HG21	1:131:A:LEU:HD23	13	0.45
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD11	13	0.45
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD12	13	0.45
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD13	13	0.45
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD21	13	0.45
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD22	13	0.45
(17,2382)	1:117:A:VAL:HG22	1:131:A:LEU:HD23	13	0.45
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD11	13	0.45
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD12	13	0.45
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD13	13	0.45
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD21	13	0.45
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD22	13	0.45
(17,2382)	1:117:A:VAL:HG23	1:131:A:LEU:HD23	13	0.45
(17,2150)	1:40:A:LEU:HD11	1:44:A:GLU:HG2	13	0.45
(17,2150)	1:40:A:LEU:HD12	1:44:A:GLU:HG2	13	0.45
(17,2150)	1:40:A:LEU:HD13	1:44:A:GLU:HG2	13	0.45
(17,2150)	1:40:A:LEU:HD21	1:44:A:GLU:HG2	13	0.45
(17,2150)	1:40:A:LEU:HD22	1:44:A:GLU:HG2	13	0.45
(17,2150)	1:40:A:LEU:HD23	1:44:A:GLU:HG2	13	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	4	0.45
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	4	0.45
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	4	0.45
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	4	0.45
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	4	0.45
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	4	0.45
(17,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	9	0.45
(17,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	9	0.45
(17,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	9	0.45
(17,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	9	0.45
(17,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	9	0.45
(17,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	9	0.45
(17,1795)	1:34:A:LYS:H	1:80:A:TYR:HD1	6	0.45
(17,1795)	1:34:A:LYS:H	1:80:A:TYR:HD2	6	0.45
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	6	0.45
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	6	0.45
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	6	0.45
(17,1455)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	3	0.45
(17,1455)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	3	0.45
(17,1455)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	3	0.45
(17,1455)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	3	0.45
(17,1455)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	3	0.45
(17,1455)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	3	0.45
(17,1401)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	12	0.45
(17,1401)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	12	0.45
(17,1401)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	12	0.45
(17,1337)	1:107:A:LEU:HA	1:108:A:GLU:HG2	3	0.45
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	4	0.45
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	4	0.45
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	4	0.45
(17,830)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	6	0.45
(17,830)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	6	0.45
(17,830)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	6	0.45
(17,830)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	6	0.45
(17,830)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	6	0.45
(17,830)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	6	0.45
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	10	0.45
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	10	0.45
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	10	0.45
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	10	0.45
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	10	0.45
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	10	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	10	0.45
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	10	0.45
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	10	0.45
(17,654)	1:79:A:THR:H	1:80:A:TYR:HD1	16	0.45
(17,654)	1:79:A:THR:H	1:80:A:TYR:HD2	16	0.45
(17,262)	1:39:A:VAL:H	1:139:A:LEU:HB2	7	0.45
(17,262)	1:39:A:VAL:H	1:139:A:LEU:HB3	7	0.45
(17,262)	1:39:A:VAL:H	1:139:A:LEU:HB2	17	0.45
(17,262)	1:39:A:VAL:H	1:139:A:LEU:HB3	17	0.45
(17,108)	1:69:A:MET:H	1:73:A:ILE:HD11	7	0.45
(17,108)	1:69:A:MET:H	1:73:A:ILE:HD12	7	0.45
(17,108)	1:69:A:MET:H	1:73:A:ILE:HD13	7	0.45
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD11	8	0.45
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD12	8	0.45
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD13	8	0.45
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD21	8	0.45
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD22	8	0.45
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD23	8	0.45
(16,2353)	1:113:A:PHE:HD1	1:116:A:GLN:HG2	12	0.45
(16,2353)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	12	0.45
(16,2353)	1:113:A:PHE:HD2	1:116:A:GLN:HG2	12	0.45
(16,2353)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	12	0.45
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD11	15	0.45
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD12	15	0.45
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD13	15	0.45
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD21	15	0.45
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD22	15	0.45
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD23	15	0.45
(16,2159)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	11	0.45
(16,2159)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	11	0.45
(16,2159)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	11	0.45
(16,2159)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	11	0.45
(16,2159)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	11	0.45
(16,2159)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	11	0.45
(16,2071)	1:32:A:GLY:HA2	1:81:A:GLU:H	15	0.45
(16,2071)	1:32:A:GLY:HA3	1:81:A:GLU:H	15	0.45
(16,2029)	1:21:A:THR:HB	1:23:A:LEU:HD11	3	0.45
(16,2029)	1:21:A:THR:HB	1:23:A:LEU:HD12	3	0.45
(16,2029)	1:21:A:THR:HB	1:23:A:LEU:HD13	3	0.45
(16,2029)	1:21:A:THR:HB	1:23:A:LEU:HD21	3	0.45
(16,2029)	1:21:A:THR:HB	1:23:A:LEU:HD22	3	0.45
(16,2029)	1:21:A:THR:HB	1:23:A:LEU:HD23	3	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD11	2	0.45
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD12	2	0.45
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD13	2	0.45
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD21	2	0.45
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD22	2	0.45
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD23	2	0.45
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD11	12	0.45
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD12	12	0.45
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD13	12	0.45
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD21	12	0.45
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD22	12	0.45
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD23	12	0.45
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	5	0.45
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	5	0.45
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	5	0.45
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	5	0.45
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	5	0.45
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	5	0.45
(16,1774)	1:34:A:LYS:H	1:80:A:TYR:HD1	6	0.45
(16,1774)	1:34:A:LYS:H	1:80:A:TYR:HD2	6	0.45
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	14	0.45
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	14	0.45
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	14	0.45
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	14	0.45
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	14	0.45
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	14	0.45
(16,1475)	1:95:A:ILE:HG21	1:97:A:ASP:H	14	0.45
(16,1475)	1:95:A:ILE:HG22	1:97:A:ASP:H	14	0.45
(16,1475)	1:95:A:ILE:HG23	1:97:A:ASP:H	14	0.45
(16,1436)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	3	0.45
(16,1436)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	3	0.45
(16,1436)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	3	0.45
(16,1436)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	3	0.45
(16,1436)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	3	0.45
(16,1436)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	3	0.45
(16,1427)	1:69:A:MET:HE1	1:73:A:ILE:HG21	8	0.45
(16,1427)	1:69:A:MET:HE1	1:73:A:ILE:HG22	8	0.45
(16,1427)	1:69:A:MET:HE1	1:73:A:ILE:HG23	8	0.45
(16,1427)	1:69:A:MET:HE2	1:73:A:ILE:HG21	8	0.45
(16,1427)	1:69:A:MET:HE2	1:73:A:ILE:HG22	8	0.45
(16,1427)	1:69:A:MET:HE2	1:73:A:ILE:HG23	8	0.45
(16,1427)	1:69:A:MET:HE3	1:73:A:ILE:HG21	8	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1427)	1:69:A:MET:HE3	1:73:A:ILE:HG22	8	0.45
(16,1427)	1:69:A:MET:HE3	1:73:A:ILE:HG23	8	0.45
(16,1261)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	16	0.45
(16,1261)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	16	0.45
(16,1261)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	16	0.45
(16,1261)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	16	0.45
(16,1261)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	16	0.45
(16,1261)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	16	0.45
(16,1261)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	16	0.45
(16,1261)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	16	0.45
(16,1261)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	16	0.45
(16,1257)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	5	0.45
(16,1257)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	5	0.45
(16,1257)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	5	0.45
(16,1005)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	1	0.45
(16,1005)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	1	0.45
(16,828)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	6	0.45
(16,828)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	6	0.45
(16,828)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	6	0.45
(16,828)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	6	0.45
(16,828)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	6	0.45
(16,828)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	6	0.45
(16,580)	1:42:A:GLU:HB3	1:46:A:ASN:HD21	2	0.45
(16,262)	1:27:A:ARG:HA	1:29:A:LYS:H	19	0.45
(16,108)	1:69:A:MET:H	1:73:A:ILE:HD11	7	0.45
(16,108)	1:69:A:MET:H	1:73:A:ILE:HD12	7	0.45
(16,108)	1:69:A:MET:H	1:73:A:ILE:HD13	7	0.45
(16,9)	1:63:A:ILE:HG13	1:64:A:LYS:H	3	0.45
(16,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	2	0.45
(16,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	2	0.45
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB2	10	0.45
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB3	10	0.45
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB2	10	0.45
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB3	10	0.45
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB2	10	0.45
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB3	10	0.45
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB2	10	0.45
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB3	10	0.45
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB2	10	0.45
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB3	10	0.45
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB2	10	0.45
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB3	10	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2457)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	2	0.45
(15,2457)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	2	0.45
(15,2457)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	2	0.45
(15,2457)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	2	0.45
(15,2457)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	2	0.45
(15,2457)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	2	0.45
(15,2210)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	7	0.45
(15,2210)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	7	0.45
(15,2210)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	7	0.45
(15,2210)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	7	0.45
(15,2209)	1:65:A:CYS:HB2	1:70:A:LYS:HA	17	0.45
(15,2209)	1:65:A:CYS:HB3	1:70:A:LYS:HA	17	0.45
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	3	0.45
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	3	0.45
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	3	0.45
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	3	0.45
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	3	0.45
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	3	0.45
(15,2129)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	11	0.45
(15,2129)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	11	0.45
(15,2129)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	11	0.45
(15,2129)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	11	0.45
(15,2129)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	11	0.45
(15,2129)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	11	0.45
(15,1882)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	9	0.45
(15,1882)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	9	0.45
(15,1882)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	9	0.45
(15,1882)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	9	0.45
(15,1882)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	9	0.45
(15,1882)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	9	0.45
(15,1868)	1:104:A:PHE:HE1	1:116:A:GLN:HG2	1	0.45
(15,1868)	1:104:A:PHE:HE2	1:116:A:GLN:HG2	1	0.45
(15,1769)	1:34:A:LYS:H	1:80:A:TYR:HD1	6	0.45
(15,1769)	1:34:A:LYS:H	1:80:A:TYR:HD2	6	0.45
(15,1759)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	8	0.45
(15,1759)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	8	0.45
(15,1759)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	8	0.45
(15,1759)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	8	0.45
(15,1749)	1:141:A:LYS:HA	1:148:A:CYS:H	12	0.45
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG21	9	0.45
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG22	9	0.45
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG23	9	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG21	9	0.45
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG22	9	0.45
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG23	9	0.45
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG21	9	0.45
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG22	9	0.45
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG23	9	0.45
(15,1578)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	11	0.45
(15,1578)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	11	0.45
(15,1578)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	11	0.45
(15,1577)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	9	0.45
(15,1577)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	9	0.45
(15,1577)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	9	0.45
(15,1073)	1:11:A:ILE:HG12	1:44:A:GLU:HA	6	0.45
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD11	11	0.45
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD12	11	0.45
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD13	11	0.45
(15,1041)	1:11:A:ILE:HB	1:44:A:GLU:HB2	9	0.45
(15,1041)	1:11:A:ILE:HB	1:44:A:GLU:HB3	9	0.45
(15,1020)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	17	0.45
(15,1020)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	17	0.45
(15,377)	1:40:A:LEU:HB2	1:41:A:LYS:H	3	0.45
(15,206)	1:101:A:ILE:H	1:104:A:PHE:HD1	2	0.45
(15,206)	1:101:A:ILE:H	1:104:A:PHE:HD2	2	0.45
(15,127)	1:79:A:THR:HA	1:80:A:TYR:H	9	0.45
(15,127)	1:79:A:THR:HA	1:80:A:TYR:H	14	0.45
(15,121)	1:22:A:ASP:H	1:23:A:LEU:HB2	17	0.45
(15,121)	1:22:A:ASP:H	1:23:A:LEU:HB3	17	0.45
(15,114)	1:69:A:MET:H	1:73:A:ILE:HD11	7	0.45
(15,114)	1:69:A:MET:H	1:73:A:ILE:HD12	7	0.45
(15,114)	1:69:A:MET:H	1:73:A:ILE:HD13	7	0.45
(13,2443)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	2	0.45
(13,2443)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	2	0.45
(13,2443)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	2	0.45
(13,2443)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	2	0.45
(13,2443)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	2	0.45
(13,2443)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	2	0.45
(13,2266)	1:98:A:ILE:H	1:104:A:PHE:HB2	6	0.45
(13,2266)	1:98:A:ILE:H	1:104:A:PHE:HB3	6	0.45
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG11	19	0.45
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG12	19	0.45
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG13	19	0.45
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG21	19	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG22	19	0.45
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG23	19	0.45
(13,2249)	1:79:A:THR:HG21	1:81:A:GLU:HB2	7	0.45
(13,2249)	1:79:A:THR:HG21	1:81:A:GLU:HB3	7	0.45
(13,2249)	1:79:A:THR:HG22	1:81:A:GLU:HB2	7	0.45
(13,2249)	1:79:A:THR:HG22	1:81:A:GLU:HB3	7	0.45
(13,2249)	1:79:A:THR:HG23	1:81:A:GLU:HB2	7	0.45
(13,2249)	1:79:A:THR:HG23	1:81:A:GLU:HB3	7	0.45
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD11	19	0.45
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD12	19	0.45
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD13	19	0.45
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD21	19	0.45
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD22	19	0.45
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD23	19	0.45
(13,2003)	1:23:A:LEU:HD11	1:27:A:ARG:HB2	16	0.45
(13,2003)	1:23:A:LEU:HD12	1:27:A:ARG:HB2	16	0.45
(13,2003)	1:23:A:LEU:HD13	1:27:A:ARG:HB2	16	0.45
(13,2003)	1:23:A:LEU:HD21	1:27:A:ARG:HB2	16	0.45
(13,2003)	1:23:A:LEU:HD22	1:27:A:ARG:HB2	16	0.45
(13,2003)	1:23:A:LEU:HD23	1:27:A:ARG:HB2	16	0.45
(13,1934)	1:12:A:VAL:HG11	1:32:A:GLY:HA2	18	0.45
(13,1934)	1:12:A:VAL:HG12	1:32:A:GLY:HA2	18	0.45
(13,1934)	1:12:A:VAL:HG13	1:32:A:GLY:HA2	18	0.45
(13,1934)	1:12:A:VAL:HG21	1:32:A:GLY:HA2	18	0.45
(13,1934)	1:12:A:VAL:HG22	1:32:A:GLY:HA2	18	0.45
(13,1934)	1:12:A:VAL:HG23	1:32:A:GLY:HA2	18	0.45
(13,1826)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	1	0.45
(13,1826)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	1	0.45
(13,1743)	1:34:A:LYS:H	1:80:A:TYR:HD1	6	0.45
(13,1743)	1:34:A:LYS:H	1:80:A:TYR:HD2	6	0.45
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG21	9	0.45
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG22	9	0.45
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG23	9	0.45
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG21	9	0.45
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG22	9	0.45
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG23	9	0.45
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG21	9	0.45
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG22	9	0.45
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG23	9	0.45
(13,1054)	1:11:A:ILE:HG13	1:44:A:GLU:HA	17	0.45
(13,999)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	17	0.45
(13,999)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	17	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,791)	1:32:A:GLY:HA2	1:33:A:LYS:H	18	0.45
(13,781)	1:11:A:ILE:HD11	1:14:A:VAL:HB	4	0.45
(13,781)	1:11:A:ILE:HD12	1:14:A:VAL:HB	4	0.45
(13,781)	1:11:A:ILE:HD13	1:14:A:VAL:HB	4	0.45
(13,119)	1:79:A:THR:HA	1:80:A:TYR:H	9	0.45
(13,119)	1:79:A:THR:HA	1:80:A:TYR:H	14	0.45
(13,107)	1:69:A:MET:H	1:73:A:ILE:HD11	7	0.45
(13,107)	1:69:A:MET:H	1:73:A:ILE:HD12	7	0.45
(13,107)	1:69:A:MET:H	1:73:A:ILE:HD13	7	0.45
(11,2305)	1:98:A:ILE:H	1:104:A:PHE:HB2	6	0.45
(11,2305)	1:98:A:ILE:H	1:104:A:PHE:HB3	6	0.45
(11,2216)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	14	0.45
(11,2216)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	14	0.45
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD11	3	0.45
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD12	3	0.45
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD13	3	0.45
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD21	3	0.45
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD22	3	0.45
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD23	3	0.45
(11,2048)	1:21:A:THR:HB	1:23:A:LEU:HD11	3	0.45
(11,2048)	1:21:A:THR:HB	1:23:A:LEU:HD12	3	0.45
(11,2048)	1:21:A:THR:HB	1:23:A:LEU:HD13	3	0.45
(11,2048)	1:21:A:THR:HB	1:23:A:LEU:HD21	3	0.45
(11,2048)	1:21:A:THR:HB	1:23:A:LEU:HD22	3	0.45
(11,2048)	1:21:A:THR:HB	1:23:A:LEU:HD23	3	0.45
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG21	7	0.45
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG22	7	0.45
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG23	7	0.45
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG21	7	0.45
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG22	7	0.45
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG23	7	0.45
(11,1968)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	7	0.45
(11,1968)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	7	0.45
(11,1968)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	7	0.45
(11,1968)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	7	0.45
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	17	0.45
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	17	0.45
(11,1815)	1:34:A:LYS:H	1:80:A:TYR:HD1	6	0.45
(11,1815)	1:34:A:LYS:H	1:80:A:TYR:HD2	6	0.45
(11,1757)	1:79:A:THR:HG21	1:81:A:GLU:HG2	4	0.45
(11,1757)	1:79:A:THR:HG21	1:81:A:GLU:HG3	4	0.45
(11,1757)	1:79:A:THR:HG22	1:81:A:GLU:HG2	4	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1757)	1:79:A:THR:HG22	1:81:A:GLU:HG3	4	0.45
(11,1757)	1:79:A:THR:HG23	1:81:A:GLU:HG2	4	0.45
(11,1757)	1:79:A:THR:HG23	1:81:A:GLU:HG3	4	0.45
(11,1454)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	3	0.45
(11,1454)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	3	0.45
(11,1454)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	3	0.45
(11,1454)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	3	0.45
(11,1454)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	3	0.45
(11,1454)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	3	0.45
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG21	9	0.45
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG22	9	0.45
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG23	9	0.45
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG21	9	0.45
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG22	9	0.45
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG23	9	0.45
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG21	9	0.45
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG22	9	0.45
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG23	9	0.45
(11,1343)	1:107:A:LEU:HA	1:108:A:GLU:HG2	3	0.45
(11,1312)	1:18:A:PHE:HZ	1:60:A:LEU:HD21	14	0.45
(11,1312)	1:18:A:PHE:HZ	1:60:A:LEU:HD22	14	0.45
(11,1312)	1:18:A:PHE:HZ	1:60:A:LEU:HD23	14	0.45
(11,1080)	1:11:A:ILE:HG13	1:44:A:GLU:HA	17	0.45
(11,1039)	1:41:A:LYS:HA	1:44:A:GLU:HB2	6	0.45
(11,1039)	1:41:A:LYS:HA	1:44:A:GLU:HB3	6	0.45
(11,997)	1:12:A:VAL:HB	1:43:A:MET:HE1	14	0.45
(11,997)	1:12:A:VAL:HB	1:43:A:MET:HE2	14	0.45
(11,997)	1:12:A:VAL:HB	1:43:A:MET:HE3	14	0.45
(11,974)	1:11:A:ILE:HG12	1:14:A:VAL:HB	15	0.45
(11,818)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	6	0.45
(11,818)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	6	0.45
(11,818)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	6	0.45
(11,818)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	6	0.45
(11,818)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	6	0.45
(11,818)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	6	0.45
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	18	0.45
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	18	0.45
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	18	0.45
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	18	0.45
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	18	0.45
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	18	0.45
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	10	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	10	0.45
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	10	0.45
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	10	0.45
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	10	0.45
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	10	0.45
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	10	0.45
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	10	0.45
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	10	0.45
(11,498)	1:105:A:LYS:H	1:105:A:LYS:HD2	7	0.45
(11,498)	1:105:A:LYS:H	1:105:A:LYS:HD3	7	0.45
(11,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	2	0.45
(11,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	2	0.45
(9,2354)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	18	0.45
(9,2354)	1:129:A:LYS:HG2	1:133:A:ASN:HD22	18	0.45
(9,2354)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	18	0.45
(9,2354)	1:129:A:LYS:HG3	1:133:A:ASN:HD22	18	0.45
(9,2200)	1:69:A:MET:HG2	1:109:A:PRO:HA	10	0.45
(9,2200)	1:69:A:MET:HG3	1:109:A:PRO:HA	10	0.45
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG11	5	0.45
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG12	5	0.45
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG13	5	0.45
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG21	5	0.45
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG22	5	0.45
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG23	5	0.45
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG11	5	0.45
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG12	5	0.45
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG13	5	0.45
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG21	5	0.45
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG22	5	0.45
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG23	5	0.45
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG11	5	0.45
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG12	5	0.45
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG13	5	0.45
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG21	5	0.45
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG22	5	0.45
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG23	5	0.45
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD11	2	0.45
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD12	2	0.45
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD13	2	0.45
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD21	2	0.45
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD22	2	0.45
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD23	2	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1903)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	9	0.45
(9,1903)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	9	0.45
(9,1903)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	9	0.45
(9,1903)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	9	0.45
(9,1903)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	9	0.45
(9,1903)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	9	0.45
(9,1897)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	3	0.45
(9,1897)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	3	0.45
(9,1897)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	3	0.45
(9,1897)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	3	0.45
(9,1884)	1:104:A:PHE:HE1	1:113:A:PHE:HA	19	0.45
(9,1884)	1:104:A:PHE:HE2	1:113:A:PHE:HA	19	0.45
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	5	0.45
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	5	0.45
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	5	0.45
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	5	0.45
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	5	0.45
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	5	0.45
(9,1679)	1:69:A:MET:HG3	1:109:A:PRO:HA	10	0.45
(9,1321)	1:107:A:LEU:HA	1:108:A:GLU:HG2	3	0.45
(9,1255)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	7	0.45
(9,1255)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	7	0.45
(9,1255)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	7	0.45
(9,1069)	1:11:A:ILE:HG13	1:44:A:GLU:HA	17	0.45
(9,1033)	1:11:A:ILE:HB	1:44:A:GLU:HB2	9	0.45
(9,1033)	1:11:A:ILE:HB	1:44:A:GLU:HB3	9	0.45
(9,1024)	1:41:A:LYS:HA	1:44:A:GLU:HB2	6	0.45
(9,1024)	1:41:A:LYS:HA	1:44:A:GLU:HB3	6	0.45
(9,1016)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	17	0.45
(9,1016)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	17	0.45
(9,958)	1:66:A:THR:H	1:96:A:VAL:HB	11	0.45
(9,800)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	12	0.45
(9,800)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	12	0.45
(9,800)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	12	0.45
(9,800)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	12	0.45
(9,800)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	12	0.45
(9,800)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	12	0.45
(9,692)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	16	0.45
(9,692)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	16	0.45
(9,692)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	16	0.45
(9,674)	1:18:A:PHE:HB3	1:132:A:ALA:H	11	0.45
(9,649)	1:79:A:THR:H	1:80:A:TYR:HD1	16	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,649)	1:79:A:THR:H	1:80:A:TYR:HD2	16	0.45
(9,588)	1:70:A:LYS:HB2	1:75:A:GLY:H	5	0.45
(9,588)	1:70:A:LYS:HB3	1:75:A:GLY:H	5	0.45
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB1	6	0.45
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB2	6	0.45
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB3	6	0.45
(9,108)	1:69:A:MET:H	1:73:A:ILE:HD11	7	0.45
(9,108)	1:69:A:MET:H	1:73:A:ILE:HD12	7	0.45
(9,108)	1:69:A:MET:H	1:73:A:ILE:HD13	7	0.45
(7,2447)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	2	0.45
(7,2447)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	2	0.45
(7,2447)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	2	0.45
(7,2447)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	2	0.45
(7,2447)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	2	0.45
(7,2447)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	2	0.45
(7,2319)	1:107:A:LEU:HD11	1:112:A:GLN:HA	6	0.45
(7,2319)	1:107:A:LEU:HD12	1:112:A:GLN:HA	6	0.45
(7,2319)	1:107:A:LEU:HD13	1:112:A:GLN:HA	6	0.45
(7,2319)	1:107:A:LEU:HD21	1:112:A:GLN:HA	6	0.45
(7,2319)	1:107:A:LEU:HD22	1:112:A:GLN:HA	6	0.45
(7,2319)	1:107:A:LEU:HD23	1:112:A:GLN:HA	6	0.45
(7,2318)	1:107:A:LEU:HD11	1:112:A:GLN:H	6	0.45
(7,2318)	1:107:A:LEU:HD12	1:112:A:GLN:H	6	0.45
(7,2318)	1:107:A:LEU:HD13	1:112:A:GLN:H	6	0.45
(7,2318)	1:107:A:LEU:HD21	1:112:A:GLN:H	6	0.45
(7,2318)	1:107:A:LEU:HD22	1:112:A:GLN:H	6	0.45
(7,2318)	1:107:A:LEU:HD23	1:112:A:GLN:H	6	0.45
(7,2269)	1:98:A:ILE:H	1:104:A:PHE:HB2	6	0.45
(7,2269)	1:98:A:ILE:H	1:104:A:PHE:HB3	6	0.45
(7,2251)	1:79:A:THR:HG21	1:81:A:GLU:HB2	10	0.45
(7,2251)	1:79:A:THR:HG21	1:81:A:GLU:HB3	10	0.45
(7,2251)	1:79:A:THR:HG22	1:81:A:GLU:HB2	10	0.45
(7,2251)	1:79:A:THR:HG22	1:81:A:GLU:HB3	10	0.45
(7,2251)	1:79:A:THR:HG23	1:81:A:GLU:HB2	10	0.45
(7,2251)	1:79:A:THR:HG23	1:81:A:GLU:HB3	10	0.45
(7,2197)	1:63:A:ILE:HG12	1:117:A:VAL:H	2	0.45
(7,2197)	1:63:A:ILE:HG13	1:117:A:VAL:H	2	0.45
(7,2197)	1:63:A:ILE:HG12	1:117:A:VAL:H	15	0.45
(7,2197)	1:63:A:ILE:HG13	1:117:A:VAL:H	15	0.45
(7,2025)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	15	0.45
(7,2025)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	15	0.45
(7,2025)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	15	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2025)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	15	0.45
(7,2025)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	15	0.45
(7,2025)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	15	0.45
(7,2025)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	15	0.45
(7,2025)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	15	0.45
(7,2025)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	15	0.45
(7,2025)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	15	0.45
(7,2025)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	15	0.45
(7,2025)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	15	0.45
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	3	0.45
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	3	0.45
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	3	0.45
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	3	0.45
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	3	0.45
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	3	0.45
(7,1838)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	1	0.45
(7,1838)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	1	0.45
(7,1832)	1:9:A:PHE:HE1	1:54:A:ARG:HE	17	0.45
(7,1832)	1:9:A:PHE:HE2	1:54:A:ARG:HE	17	0.45
(7,1774)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	5	0.45
(7,1774)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	5	0.45
(7,1774)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	5	0.45
(7,1774)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	5	0.45
(7,1746)	1:34:A:LYS:H	1:80:A:TYR:HD1	6	0.45
(7,1746)	1:34:A:LYS:H	1:80:A:TYR:HD2	6	0.45
(7,1675)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	3	0.45
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	7	0.45
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	7	0.45
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	7	0.45
(7,1554)	1:101:A:ILE:HD11	1:112:A:GLN:HA	16	0.45
(7,1554)	1:101:A:ILE:HD12	1:112:A:GLN:HA	16	0.45
(7,1554)	1:101:A:ILE:HD13	1:112:A:GLN:HA	16	0.45
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD11	3	0.45
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD12	3	0.45
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD13	3	0.45
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE1	5	0.45
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE2	5	0.45
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE3	5	0.45
(7,1409)	1:69:A:MET:HE1	1:73:A:ILE:HG21	8	0.45
(7,1409)	1:69:A:MET:HE1	1:73:A:ILE:HG22	8	0.45
(7,1409)	1:69:A:MET:HE1	1:73:A:ILE:HG23	8	0.45
(7,1409)	1:69:A:MET:HE2	1:73:A:ILE:HG21	8	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1409)	1:69:A:MET:HE2	1:73:A:ILE:HG22	8	0.45
(7,1409)	1:69:A:MET:HE2	1:73:A:ILE:HG23	8	0.45
(7,1409)	1:69:A:MET:HE3	1:73:A:ILE:HG21	8	0.45
(7,1409)	1:69:A:MET:HE3	1:73:A:ILE:HG22	8	0.45
(7,1409)	1:69:A:MET:HE3	1:73:A:ILE:HG23	8	0.45
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG11	12	0.45
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG12	12	0.45
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG13	12	0.45
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG11	6	0.45
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG12	6	0.45
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG13	6	0.45
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG11	10	0.45
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG12	10	0.45
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG13	10	0.45
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD11	12	0.45
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD12	12	0.45
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD13	12	0.45
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD11	12	0.45
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD12	12	0.45
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD13	12	0.45
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD11	12	0.45
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD12	12	0.45
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD13	12	0.45
(7,1051)	1:11:A:ILE:HG13	1:44:A:GLU:HA	17	0.45
(7,934)	1:11:A:ILE:HD11	1:12:A:VAL:HA	10	0.45
(7,934)	1:11:A:ILE:HD12	1:12:A:VAL:HA	10	0.45
(7,934)	1:11:A:ILE:HD13	1:12:A:VAL:HA	10	0.45
(7,810)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	6	0.45
(7,810)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	6	0.45
(7,810)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	6	0.45
(7,810)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	6	0.45
(7,810)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	6	0.45
(7,810)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	6	0.45
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD11	8	0.45
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD12	8	0.45
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD13	8	0.45
(7,776)	1:63:A:ILE:HD11	1:64:A:LYS:H	4	0.45
(7,776)	1:63:A:ILE:HD12	1:64:A:LYS:H	4	0.45
(7,776)	1:63:A:ILE:HD13	1:64:A:LYS:H	4	0.45
(7,776)	1:63:A:ILE:HD11	1:64:A:LYS:H	5	0.45
(7,776)	1:63:A:ILE:HD12	1:64:A:LYS:H	5	0.45
(7,776)	1:63:A:ILE:HD13	1:64:A:LYS:H	5	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,292)	1:121:A:VAL:H	1:123:A:CYS:H	18	0.45
(7,258)	1:27:A:ARG:HA	1:29:A:LYS:H	19	0.45
(7,120)	1:79:A:THR:HA	1:80:A:TYR:H	9	0.45
(7,120)	1:79:A:THR:HA	1:80:A:TYR:H	14	0.45
(7,108)	1:69:A:MET:H	1:73:A:ILE:HD11	7	0.45
(7,108)	1:69:A:MET:H	1:73:A:ILE:HD12	7	0.45
(7,108)	1:69:A:MET:H	1:73:A:ILE:HD13	7	0.45
(7,44)	1:44:A:GLU:HG2	1:47:A:ALA:H	1	0.45
(7,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	2	0.45
(7,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	2	0.45
(6,2455)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	2	0.45
(6,2455)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	2	0.45
(6,2455)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	2	0.45
(6,2455)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	2	0.45
(6,2455)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	2	0.45
(6,2455)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	2	0.45
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG11	9	0.45
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG12	9	0.45
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG13	9	0.45
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG21	9	0.45
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG22	9	0.45
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG23	9	0.45
(6,2278)	1:79:A:THR:HG21	1:81:A:GLU:HB2	7	0.45
(6,2278)	1:79:A:THR:HG21	1:81:A:GLU:HB3	7	0.45
(6,2278)	1:79:A:THR:HG22	1:81:A:GLU:HB2	7	0.45
(6,2278)	1:79:A:THR:HG22	1:81:A:GLU:HB3	7	0.45
(6,2278)	1:79:A:THR:HG23	1:81:A:GLU:HB2	7	0.45
(6,2278)	1:79:A:THR:HG23	1:81:A:GLU:HB3	7	0.45
(6,2249)	1:69:A:MET:HG2	1:109:A:PRO:HA	8	0.45
(6,2249)	1:69:A:MET:HG3	1:109:A:PRO:HA	8	0.45
(6,2210)	1:60:A:LEU:HD11	1:61:A:SER:HB2	4	0.45
(6,2210)	1:60:A:LEU:HD11	1:61:A:SER:HB3	4	0.45
(6,2210)	1:60:A:LEU:HD12	1:61:A:SER:HB2	4	0.45
(6,2210)	1:60:A:LEU:HD12	1:61:A:SER:HB3	4	0.45
(6,2210)	1:60:A:LEU:HD13	1:61:A:SER:HB2	4	0.45
(6,2210)	1:60:A:LEU:HD13	1:61:A:SER:HB3	4	0.45
(6,2079)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	19	0.45
(6,2079)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	19	0.45
(6,2079)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	19	0.45
(6,2079)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	19	0.45
(6,2079)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	19	0.45
(6,2079)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	19	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2039)	1:21:A:THR:HB	1:23:A:LEU:HD11	3	0.45
(6,2039)	1:21:A:THR:HB	1:23:A:LEU:HD12	3	0.45
(6,2039)	1:21:A:THR:HB	1:23:A:LEU:HD13	3	0.45
(6,2039)	1:21:A:THR:HB	1:23:A:LEU:HD21	3	0.45
(6,2039)	1:21:A:THR:HB	1:23:A:LEU:HD22	3	0.45
(6,2039)	1:21:A:THR:HB	1:23:A:LEU:HD23	3	0.45
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	8	0.45
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	8	0.45
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	8	0.45
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	8	0.45
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	8	0.45
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	8	0.45
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	8	0.45
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	8	0.45
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	8	0.45
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	8	0.45
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	8	0.45
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	8	0.45
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE1	2	0.45
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE2	2	0.45
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE1	2	0.45
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE2	2	0.45
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE1	9	0.45
(6,2021)	1:16:A:SER:HB2	1:80:A:TYR:HE2	9	0.45
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE1	9	0.45
(6,2021)	1:16:A:SER:HB3	1:80:A:TYR:HE2	9	0.45
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG11	5	0.45
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG12	5	0.45
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG13	5	0.45
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG21	5	0.45
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG22	5	0.45
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG23	5	0.45
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	3	0.45
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	3	0.45
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	3	0.45
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG21	3	0.45
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG22	3	0.45
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG23	3	0.45
(6,1872)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	1	0.45
(6,1872)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	1	0.45
(6,1823)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	3	0.45
(6,1823)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	3	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1823)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	7	0.45
(6,1823)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	7	0.45
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	6	0.45
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	6	0.45
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	6	0.45
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	6	0.45
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	6	0.45
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	6	0.45
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	5	0.45
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	5	0.45
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	5	0.45
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	5	0.45
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	5	0.45
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	5	0.45
(6,1789)	1:34:A:LYS:H	1:80:A:TYR:HD1	6	0.45
(6,1789)	1:34:A:LYS:H	1:80:A:TYR:HD2	6	0.45
(6,1777)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	8	0.45
(6,1777)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	8	0.45
(6,1777)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	8	0.45
(6,1777)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	8	0.45
(6,1431)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	3	0.45
(6,1431)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	3	0.45
(6,1431)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	3	0.45
(6,1431)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	3	0.45
(6,1431)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	3	0.45
(6,1431)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	3	0.45
(6,1422)	1:69:A:MET:HE1	1:73:A:ILE:HG21	8	0.45
(6,1422)	1:69:A:MET:HE1	1:73:A:ILE:HG22	8	0.45
(6,1422)	1:69:A:MET:HE1	1:73:A:ILE:HG23	8	0.45
(6,1422)	1:69:A:MET:HE2	1:73:A:ILE:HG21	8	0.45
(6,1422)	1:69:A:MET:HE2	1:73:A:ILE:HG22	8	0.45
(6,1422)	1:69:A:MET:HE2	1:73:A:ILE:HG23	8	0.45
(6,1422)	1:69:A:MET:HE3	1:73:A:ILE:HG21	8	0.45
(6,1422)	1:69:A:MET:HE3	1:73:A:ILE:HG22	8	0.45
(6,1422)	1:69:A:MET:HE3	1:73:A:ILE:HG23	8	0.45
(6,1348)	1:73:A:ILE:HB	1:76:A:ARG:HA	3	0.45
(6,1319)	1:107:A:LEU:HA	1:108:A:GLU:HG2	3	0.45
(6,1284)	1:18:A:PHE:HZ	1:60:A:LEU:HD21	14	0.45
(6,1284)	1:18:A:PHE:HZ	1:60:A:LEU:HD22	14	0.45
(6,1284)	1:18:A:PHE:HZ	1:60:A:LEU:HD23	14	0.45
(6,1221)	1:143:A:TRP:H	1:144:A:LEU:HD11	1	0.45
(6,1221)	1:143:A:TRP:H	1:144:A:LEU:HD12	1	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1221)	1:143:A:TRP:H	1:144:A:LEU:HD13	1	0.45
(6,1056)	1:11:A:ILE:HG12	1:44:A:GLU:HA	6	0.45
(6,1012)	1:41:A:LYS:HA	1:44:A:GLU:HB2	6	0.45
(6,1012)	1:41:A:LYS:HA	1:44:A:GLU:HB3	6	0.45
(6,1002)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	17	0.45
(6,1002)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	17	0.45
(6,815)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	6	0.45
(6,815)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	6	0.45
(6,815)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	6	0.45
(6,815)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	6	0.45
(6,815)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	6	0.45
(6,815)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	6	0.45
(6,801)	1:32:A:GLY:HA2	1:33:A:LYS:H	18	0.45
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	10	0.45
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	10	0.45
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	10	0.45
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	10	0.45
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	10	0.45
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	10	0.45
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	10	0.45
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	10	0.45
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	10	0.45
(6,673)	1:18:A:PHE:HB3	1:132:A:ALA:H	11	0.45
(6,662)	1:63:A:ILE:HD11	1:116:A:GLN:H	8	0.45
(6,662)	1:63:A:ILE:HD12	1:116:A:GLN:H	8	0.45
(6,662)	1:63:A:ILE:HD13	1:116:A:GLN:H	8	0.45
(6,582)	1:70:A:LYS:HB2	1:75:A:GLY:H	5	0.45
(6,582)	1:70:A:LYS:HB3	1:75:A:GLY:H	5	0.45
(6,131)	1:11:A:ILE:HG13	1:12:A:VAL:H	4	0.45
(6,120)	1:79:A:THR:HA	1:80:A:TYR:H	9	0.45
(6,120)	1:79:A:THR:HA	1:80:A:TYR:H	14	0.45
(6,108)	1:69:A:MET:H	1:73:A:ILE:HD11	7	0.45
(6,108)	1:69:A:MET:H	1:73:A:ILE:HD12	7	0.45
(6,108)	1:69:A:MET:H	1:73:A:ILE:HD13	7	0.45
(6,60)	1:34:A:LYS:H	1:81:A:GLU:H	9	0.45
(5,2432)	1:139:A:LEU:H	1:140:A:LEU:HD11	4	0.45
(5,2432)	1:139:A:LEU:H	1:140:A:LEU:HD12	4	0.45
(5,2432)	1:139:A:LEU:H	1:140:A:LEU:HD13	4	0.45
(5,2432)	1:139:A:LEU:H	1:140:A:LEU:HD21	4	0.45
(5,2432)	1:139:A:LEU:H	1:140:A:LEU:HD22	4	0.45
(5,2432)	1:139:A:LEU:H	1:140:A:LEU:HD23	4	0.45
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	3	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	3	0.45
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	3	0.45
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	3	0.45
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	3	0.45
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	3	0.45
(5,2127)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	2	0.45
(5,2127)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	2	0.45
(5,2127)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	2	0.45
(5,2127)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	2	0.45
(5,2127)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	2	0.45
(5,2127)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	2	0.45
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD11	11	0.45
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD12	11	0.45
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD13	11	0.45
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD21	11	0.45
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD22	11	0.45
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD23	11	0.45
(5,1927)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	9	0.45
(5,1927)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	9	0.45
(5,1927)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	9	0.45
(5,1927)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	9	0.45
(5,1927)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	9	0.45
(5,1927)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	9	0.45
(5,1808)	1:34:A:LYS:H	1:80:A:TYR:HD1	6	0.45
(5,1808)	1:34:A:LYS:H	1:80:A:TYR:HD2	6	0.45
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG21	9	0.45
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG22	9	0.45
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG23	9	0.45
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG21	9	0.45
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG22	9	0.45
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG23	9	0.45
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG21	9	0.45
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG22	9	0.45
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG23	9	0.45
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	16	0.45
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	16	0.45
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	16	0.45
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	16	0.45
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	16	0.45
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	16	0.45
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	16	0.45
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	16	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	16	0.45
(5,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	11	0.45
(5,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	11	0.45
(5,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	11	0.45
(5,1507)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	3	0.45
(5,1507)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	3	0.45
(5,1507)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	3	0.45
(5,1507)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	3	0.45
(5,1507)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	3	0.45
(5,1507)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	3	0.45
(5,1507)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	3	0.45
(5,1507)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	3	0.45
(5,1507)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	3	0.45
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	4	0.45
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	4	0.45
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	4	0.45
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	4	0.45
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	4	0.45
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	4	0.45
(5,1453)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	3	0.45
(5,1453)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	3	0.45
(5,1453)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	3	0.45
(5,1453)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	3	0.45
(5,1453)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	3	0.45
(5,1453)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	3	0.45
(5,1343)	1:107:A:LEU:HA	1:108:A:GLU:HG2	3	0.45
(5,1078)	1:11:A:ILE:HG13	1:44:A:GLU:HA	17	0.45
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD11	11	0.45
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD12	11	0.45
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD13	11	0.45
(5,1037)	1:41:A:LYS:HA	1:44:A:GLU:HB2	6	0.45
(5,1037)	1:41:A:LYS:HA	1:44:A:GLU:HB3	6	0.45
(5,1025)	1:113:A:PHE:HA	1:116:A:GLN:HG3	14	0.45
(5,967)	1:11:A:ILE:HD11	1:43:A:MET:HB2	2	0.45
(5,967)	1:11:A:ILE:HD12	1:43:A:MET:HB2	2	0.45
(5,967)	1:11:A:ILE:HD13	1:43:A:MET:HB2	2	0.45
(5,913)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	6	0.45
(5,806)	1:32:A:GLY:HA2	1:33:A:LYS:H	18	0.45
(5,794)	1:11:A:ILE:HD11	1:14:A:VAL:HB	4	0.45
(5,794)	1:11:A:ILE:HD12	1:14:A:VAL:HB	4	0.45
(5,794)	1:11:A:ILE:HD13	1:14:A:VAL:HB	4	0.45
(5,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	15	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	15	0.45
(5,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	17	0.45
(5,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	17	0.45
(5,116)	1:79:A:THR:HA	1:80:A:TYR:H	9	0.45
(5,116)	1:79:A:THR:HA	1:80:A:TYR:H	14	0.45
(5,111)	1:22:A:ASP:H	1:23:A:LEU:HB2	17	0.45
(5,111)	1:22:A:ASP:H	1:23:A:LEU:HB3	17	0.45
(5,104)	1:69:A:MET:H	1:73:A:ILE:HD11	7	0.45
(5,104)	1:69:A:MET:H	1:73:A:ILE:HD12	7	0.45
(5,104)	1:69:A:MET:H	1:73:A:ILE:HD13	7	0.45
(5,74)	1:28:A:GLY:HA2	1:30:A:LEU:H	7	0.45
(5,74)	1:28:A:GLY:HA3	1:30:A:LEU:H	7	0.45
(4,2455)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	2	0.45
(4,2455)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	2	0.45
(4,2455)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	2	0.45
(4,2455)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	2	0.45
(4,2455)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	2	0.45
(4,2455)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	2	0.45
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG11	19	0.45
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG12	19	0.45
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG13	19	0.45
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG21	19	0.45
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG22	19	0.45
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG23	19	0.45
(4,2237)	1:69:A:MET:HG2	1:109:A:PRO:HA	10	0.45
(4,2237)	1:69:A:MET:HG3	1:109:A:PRO:HA	10	0.45
(4,2199)	1:60:A:LEU:HD11	1:120:A:CYS:HA	11	0.45
(4,2199)	1:60:A:LEU:HD12	1:120:A:CYS:HA	11	0.45
(4,2199)	1:60:A:LEU:HD13	1:120:A:CYS:HA	11	0.45
(4,2199)	1:60:A:LEU:HD21	1:120:A:CYS:HA	11	0.45
(4,2199)	1:60:A:LEU:HD22	1:120:A:CYS:HA	11	0.45
(4,2199)	1:60:A:LEU:HD23	1:120:A:CYS:HA	11	0.45
(4,2189)	1:57:A:LEU:HD11	1:60:A:LEU:H	15	0.45
(4,2189)	1:57:A:LEU:HD12	1:60:A:LEU:H	15	0.45
(4,2189)	1:57:A:LEU:HD13	1:60:A:LEU:H	15	0.45
(4,2189)	1:57:A:LEU:HD21	1:60:A:LEU:H	15	0.45
(4,2189)	1:57:A:LEU:HD22	1:60:A:LEU:H	15	0.45
(4,2189)	1:57:A:LEU:HD23	1:60:A:LEU:H	15	0.45
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD11	19	0.45
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD12	19	0.45
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD13	19	0.45
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD21	19	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD22	19	0.45
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD23	19	0.45
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG11	5	0.45
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG12	5	0.45
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG13	5	0.45
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG21	5	0.45
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG22	5	0.45
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG23	5	0.45
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	15	0.45
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	15	0.45
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	15	0.45
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	15	0.45
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	15	0.45
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	15	0.45
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	15	0.45
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	15	0.45
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	15	0.45
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	15	0.45
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	15	0.45
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	15	0.45
(4,1904)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	18	0.45
(4,1904)	1:9:A:PHE:HD1	1:11:A:ILE:HG13	18	0.45
(4,1904)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	18	0.45
(4,1904)	1:9:A:PHE:HD2	1:11:A:ILE:HG13	18	0.45
(4,1868)	1:18:A:PHE:HE1	1:117:A:VAL:HA	14	0.45
(4,1868)	1:18:A:PHE:HE2	1:117:A:VAL:HA	14	0.45
(4,1854)	1:14:A:VAL:HA	1:18:A:PHE:HD1	18	0.45
(4,1854)	1:14:A:VAL:HA	1:18:A:PHE:HD2	18	0.45
(4,1799)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	11	0.45
(4,1799)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	11	0.45
(4,1799)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	11	0.45
(4,1799)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	11	0.45
(4,1799)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	11	0.45
(4,1799)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	11	0.45
(4,1787)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	5	0.45
(4,1787)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	5	0.45
(4,1787)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	5	0.45
(4,1787)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	5	0.45
(4,1763)	1:34:A:LYS:H	1:80:A:TYR:HD1	6	0.45
(4,1763)	1:34:A:LYS:H	1:80:A:TYR:HD2	6	0.45
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD11	14	0.45
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD12	14	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD13	14	0.45
(4,1664)	1:69:A:MET:HG3	1:109:A:PRO:HA	10	0.45
(4,1655)	1:125:A:THR:HA	1:128:A:LEU:HA	5	0.45
(4,1515)	1:69:A:MET:HE1	1:76:A:ARG:HG2	13	0.45
(4,1515)	1:69:A:MET:HE1	1:76:A:ARG:HG3	13	0.45
(4,1515)	1:69:A:MET:HE2	1:76:A:ARG:HG2	13	0.45
(4,1515)	1:69:A:MET:HE2	1:76:A:ARG:HG3	13	0.45
(4,1515)	1:69:A:MET:HE3	1:76:A:ARG:HG2	13	0.45
(4,1515)	1:69:A:MET:HE3	1:76:A:ARG:HG3	13	0.45
(4,1515)	1:69:A:MET:HE1	1:76:A:ARG:HG2	14	0.45
(4,1515)	1:69:A:MET:HE1	1:76:A:ARG:HG3	14	0.45
(4,1515)	1:69:A:MET:HE2	1:76:A:ARG:HG2	14	0.45
(4,1515)	1:69:A:MET:HE2	1:76:A:ARG:HG3	14	0.45
(4,1515)	1:69:A:MET:HE3	1:76:A:ARG:HG2	14	0.45
(4,1515)	1:69:A:MET:HE3	1:76:A:ARG:HG3	14	0.45
(4,1417)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	3	0.45
(4,1417)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	3	0.45
(4,1417)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	3	0.45
(4,1417)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	3	0.45
(4,1417)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	3	0.45
(4,1417)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	3	0.45
(4,1407)	1:69:A:MET:HE1	1:73:A:ILE:HG21	8	0.45
(4,1407)	1:69:A:MET:HE1	1:73:A:ILE:HG22	8	0.45
(4,1407)	1:69:A:MET:HE1	1:73:A:ILE:HG23	8	0.45
(4,1407)	1:69:A:MET:HE2	1:73:A:ILE:HG21	8	0.45
(4,1407)	1:69:A:MET:HE2	1:73:A:ILE:HG22	8	0.45
(4,1407)	1:69:A:MET:HE2	1:73:A:ILE:HG23	8	0.45
(4,1407)	1:69:A:MET:HE3	1:73:A:ILE:HG21	8	0.45
(4,1407)	1:69:A:MET:HE3	1:73:A:ILE:HG22	8	0.45
(4,1407)	1:69:A:MET:HE3	1:73:A:ILE:HG23	8	0.45
(4,1306)	1:107:A:LEU:HA	1:108:A:GLU:HG2	3	0.45
(4,1236)	1:23:A:LEU:HD11	1:25:A:ALA:H	13	0.45
(4,1236)	1:23:A:LEU:HD12	1:25:A:ALA:H	13	0.45
(4,1236)	1:23:A:LEU:HD13	1:25:A:ALA:H	13	0.45
(4,1206)	1:143:A:TRP:H	1:144:A:LEU:HD11	1	0.45
(4,1206)	1:143:A:TRP:H	1:144:A:LEU:HD12	1	0.45
(4,1206)	1:143:A:TRP:H	1:144:A:LEU:HD13	1	0.45
(4,1202)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	5	0.45
(4,1202)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	5	0.45
(4,1202)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	5	0.45
(4,1064)	1:45:A:ALA:HA	1:48:A:ARG:HG2	3	0.45
(4,1064)	1:45:A:ALA:HA	1:48:A:ARG:HG3	3	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1004)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	10	0.45
(4,1004)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	10	0.45
(4,1004)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	10	0.45
(4,1004)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	10	0.45
(4,1004)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	10	0.45
(4,1004)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	10	0.45
(4,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	6	0.45
(4,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	6	0.45
(4,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	6	0.45
(4,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	6	0.45
(4,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	6	0.45
(4,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	6	0.45
(4,802)	1:32:A:GLY:HA2	1:33:A:LYS:H	18	0.45
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	10	0.45
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	10	0.45
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	10	0.45
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	10	0.45
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	10	0.45
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	10	0.45
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	10	0.45
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	10	0.45
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	10	0.45
(4,661)	1:63:A:ILE:HG12	1:117:A:VAL:H	3	0.45
(4,644)	1:79:A:THR:H	1:80:A:TYR:HD1	16	0.45
(4,644)	1:79:A:THR:H	1:80:A:TYR:HD2	16	0.45
(4,571)	1:126:A:GLY:H	1:128:A:LEU:HG	10	0.45
(4,571)	1:126:A:GLY:H	1:128:A:LEU:HG	14	0.45
(4,228)	1:10:A:ASN:H	1:13:A:ALA:HB1	18	0.45
(4,228)	1:10:A:ASN:H	1:13:A:ALA:HB2	18	0.45
(4,228)	1:10:A:ASN:H	1:13:A:ALA:HB3	18	0.45
(4,153)	1:50:A:ALA:HB1	1:127:A:CYS:H	1	0.45
(4,153)	1:50:A:ALA:HB2	1:127:A:CYS:H	1	0.45
(4,153)	1:50:A:ALA:HB3	1:127:A:CYS:H	1	0.45
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB2	15	0.45
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB3	15	0.45
(4,108)	1:69:A:MET:H	1:73:A:ILE:HD11	7	0.45
(4,108)	1:69:A:MET:H	1:73:A:ILE:HD12	7	0.45
(4,108)	1:69:A:MET:H	1:73:A:ILE:HD13	7	0.45
(4,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	7	0.45
(4,50)	1:44:A:GLU:HG2	1:47:A:ALA:H	1	0.45
(4,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	2	0.45
(4,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	2	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	11	0.45
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	11	0.45
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	11	0.45
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	11	0.45
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	11	0.45
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	11	0.45
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	11	0.45
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	11	0.45
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	11	0.45
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	11	0.45
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	11	0.45
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	11	0.45
(3,2250)	1:65:A:CYS:HB2	1:69:A:MET:HG2	2	0.45
(3,2250)	1:65:A:CYS:HB2	1:69:A:MET:HG3	2	0.45
(3,2250)	1:65:A:CYS:HB3	1:69:A:MET:HG2	2	0.45
(3,2250)	1:65:A:CYS:HB3	1:69:A:MET:HG3	2	0.45
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG2	11	0.45
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG3	11	0.45
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG2	11	0.45
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG3	11	0.45
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG2	11	0.45
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG3	11	0.45
(3,1932)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	9	0.45
(3,1932)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	9	0.45
(3,1932)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	9	0.45
(3,1932)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	9	0.45
(3,1932)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	9	0.45
(3,1932)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	9	0.45
(3,1926)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	3	0.45
(3,1926)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	3	0.45
(3,1926)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	3	0.45
(3,1926)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	3	0.45
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE1	7	0.45
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE2	7	0.45
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE1	14	0.45
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE2	14	0.45
(3,1895)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	1	0.45
(3,1895)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	1	0.45
(3,1812)	1:34:A:LYS:H	1:80:A:TYR:HD1	6	0.45
(3,1812)	1:34:A:LYS:H	1:80:A:TYR:HD2	6	0.45
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD11	18	0.45
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD12	18	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1588)	1:12:A:VAL:HB	1:144:A:LEU:HD13	18	0.45
(3,1495)	1:67:A:PRO:HD3	1:95:A:ILE:HA	11	0.45
(3,1456)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	3	0.45
(3,1456)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	3	0.45
(3,1456)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	3	0.45
(3,1456)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	3	0.45
(3,1456)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	3	0.45
(3,1456)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	3	0.45
(3,1376)	1:73:A:ILE:HB	1:76:A:ARG:HA	5	0.45
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD21	14	0.45
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD22	14	0.45
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD23	14	0.45
(3,1194)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	2	0.45
(3,1194)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	2	0.45
(3,1194)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	2	0.45
(3,1194)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	2	0.45
(3,1194)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	2	0.45
(3,1194)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	2	0.45
(3,1089)	1:54:A:ARG:HA	1:57:A:LEU:HD21	9	0.45
(3,1089)	1:54:A:ARG:HA	1:57:A:LEU:HD22	9	0.45
(3,1089)	1:54:A:ARG:HA	1:57:A:LEU:HD23	9	0.45
(3,1089)	1:54:A:ARG:HA	1:57:A:LEU:HD21	13	0.45
(3,1089)	1:54:A:ARG:HA	1:57:A:LEU:HD22	13	0.45
(3,1089)	1:54:A:ARG:HA	1:57:A:LEU:HD23	13	0.45
(3,1088)	1:11:A:ILE:HG13	1:44:A:GLU:HA	17	0.45
(3,1047)	1:41:A:LYS:HA	1:44:A:GLU:HB2	6	0.45
(3,1047)	1:41:A:LYS:HA	1:44:A:GLU:HB3	6	0.45
(3,990)	1:47:A:ALA:HB1	1:134:A:VAL:HB	14	0.45
(3,990)	1:47:A:ALA:HB2	1:134:A:VAL:HB	14	0.45
(3,990)	1:47:A:ALA:HB3	1:134:A:VAL:HB	14	0.45
(3,807)	1:11:A:ILE:HD11	1:43:A:MET:HG3	11	0.45
(3,807)	1:11:A:ILE:HD12	1:43:A:MET:HG3	11	0.45
(3,807)	1:11:A:ILE:HD13	1:43:A:MET:HG3	11	0.45
(3,659)	1:79:A:THR:H	1:80:A:TYR:HD1	16	0.45
(3,659)	1:79:A:THR:H	1:80:A:TYR:HD2	16	0.45
(3,264)	1:39:A:VAL:H	1:40:A:LEU:HB2	3	0.45
(3,255)	1:27:A:ARG:HA	1:29:A:LYS:H	19	0.45
(3,115)	1:22:A:ASP:H	1:23:A:LEU:HB2	17	0.45
(3,115)	1:22:A:ASP:H	1:23:A:LEU:HB3	17	0.45
(3,5)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	2	0.45
(3,5)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	2	0.45
(2,2225)	1:60:A:LEU:HB2	1:63:A:ILE:HG13	17	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2225)	1:60:A:LEU:HB3	1:63:A:ILE:HG13	17	0.45
(2,2172)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	11	0.45
(2,2172)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	11	0.45
(2,2172)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	11	0.45
(2,2172)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	11	0.45
(2,2172)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	11	0.45
(2,2172)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	11	0.45
(2,2150)	1:41:A:LYS:HA	1:44:A:GLU:HG2	11	0.45
(2,2150)	1:41:A:LYS:HA	1:44:A:GLU:HG3	11	0.45
(2,2095)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	19	0.45
(2,2095)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	19	0.45
(2,2095)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	19	0.45
(2,2095)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	19	0.45
(2,2095)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	19	0.45
(2,2095)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	19	0.45
(2,2049)	1:21:A:THR:HB	1:23:A:LEU:HD11	3	0.45
(2,2049)	1:21:A:THR:HB	1:23:A:LEU:HD12	3	0.45
(2,2049)	1:21:A:THR:HB	1:23:A:LEU:HD13	3	0.45
(2,2049)	1:21:A:THR:HB	1:23:A:LEU:HD21	3	0.45
(2,2049)	1:21:A:THR:HB	1:23:A:LEU:HD22	3	0.45
(2,2049)	1:21:A:THR:HB	1:23:A:LEU:HD23	3	0.45
(2,2028)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	8	0.45
(2,2028)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	8	0.45
(2,2028)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	8	0.45
(2,2028)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	8	0.45
(2,2028)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	8	0.45
(2,2028)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	8	0.45
(2,2028)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	8	0.45
(2,2028)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	8	0.45
(2,2028)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	8	0.45
(2,2028)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	8	0.45
(2,2028)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	8	0.45
(2,2028)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	8	0.45
(2,2028)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	8	0.45
(2,2028)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	8	0.45
(2,2028)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	8	0.45
(2,2028)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	8	0.45
(2,2028)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	8	0.45
(2,2028)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	8	0.45
(2,2028)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	18	0.45
(2,2028)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	18	0.45
(2,2028)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	18	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2028)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	18	0.45
(2,2028)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	18	0.45
(2,2028)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	18	0.45
(2,2028)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	18	0.45
(2,2028)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	18	0.45
(2,2028)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	18	0.45
(2,2028)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	18	0.45
(2,2028)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	18	0.45
(2,2028)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	18	0.45
(2,2028)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	18	0.45
(2,2028)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	18	0.45
(2,2028)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	18	0.45
(2,2028)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	18	0.45
(2,2028)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	18	0.45
(2,2028)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	18	0.45
(2,1967)	1:10:A:ASN:HB3	1:14:A:VAL:HG11	11	0.45
(2,1967)	1:10:A:ASN:HB3	1:14:A:VAL:HG12	11	0.45
(2,1967)	1:10:A:ASN:HB3	1:14:A:VAL:HG13	11	0.45
(2,1967)	1:10:A:ASN:HB3	1:14:A:VAL:HG21	11	0.45
(2,1967)	1:10:A:ASN:HB3	1:14:A:VAL:HG22	11	0.45
(2,1967)	1:10:A:ASN:HB3	1:14:A:VAL:HG23	11	0.45
(2,1946)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	2	0.45
(2,1946)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	2	0.45
(2,1946)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	2	0.45
(2,1924)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	3	0.45
(2,1924)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	3	0.45
(2,1924)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	3	0.45
(2,1924)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	3	0.45
(2,1812)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	16	0.45
(2,1812)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	16	0.45
(2,1812)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	16	0.45
(2,1812)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	16	0.45
(2,1803)	1:34:A:LYS:H	1:80:A:TYR:HD1	6	0.45
(2,1803)	1:34:A:LYS:H	1:80:A:TYR:HD2	6	0.45
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG21	9	0.45
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG22	9	0.45
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG23	9	0.45
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG21	9	0.45
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG22	9	0.45
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG23	9	0.45
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG21	9	0.45
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG22	9	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG23	9	0.45
(2,1401)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	1	0.45
(2,1401)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	1	0.45
(2,1401)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	1	0.45
(2,1354)	1:73:A:ILE:HB	1:76:A:ARG:HA	3	0.45
(2,1256)	1:23:A:LEU:HD11	1:25:A:ALA:H	13	0.45
(2,1256)	1:23:A:LEU:HD12	1:25:A:ALA:H	13	0.45
(2,1256)	1:23:A:LEU:HD13	1:25:A:ALA:H	13	0.45
(2,1250)	1:23:A:LEU:HD11	1:24:A:ASP:H	18	0.45
(2,1250)	1:23:A:LEU:HD12	1:24:A:ASP:H	18	0.45
(2,1250)	1:23:A:LEU:HD13	1:24:A:ASP:H	18	0.45
(2,1223)	1:143:A:TRP:H	1:144:A:LEU:HD11	1	0.45
(2,1223)	1:143:A:TRP:H	1:144:A:LEU:HD12	1	0.45
(2,1223)	1:143:A:TRP:H	1:144:A:LEU:HD13	1	0.45
(2,1188)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	17	0.45
(2,1188)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	17	0.45
(2,1188)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	17	0.45
(2,1188)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	17	0.45
(2,1188)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	17	0.45
(2,1188)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	17	0.45
(2,1188)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	19	0.45
(2,1188)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	19	0.45
(2,1188)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	19	0.45
(2,1188)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	19	0.45
(2,1188)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	19	0.45
(2,1188)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	19	0.45
(2,1064)	1:11:A:ILE:HG13	1:44:A:GLU:HA	17	0.45
(2,1031)	1:11:A:ILE:HB	1:44:A:GLU:HB2	9	0.45
(2,1031)	1:11:A:ILE:HB	1:44:A:GLU:HB3	9	0.45
(2,983)	1:12:A:VAL:HB	1:43:A:MET:HE1	14	0.45
(2,983)	1:12:A:VAL:HB	1:43:A:MET:HE2	14	0.45
(2,983)	1:12:A:VAL:HB	1:43:A:MET:HE3	14	0.45
(2,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	6	0.45
(2,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	6	0.45
(2,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	6	0.45
(2,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	6	0.45
(2,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	6	0.45
(2,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	6	0.45
(2,709)	1:48:A:ARG:HE	1:49:A:LYS:HA	2	0.45
(2,622)	1:40:A:LEU:H	1:43:A:MET:HG3	5	0.45
(2,119)	1:79:A:THR:HA	1:80:A:TYR:H	9	0.45
(2,119)	1:79:A:THR:HA	1:80:A:TYR:H	14	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,112)	1:22:A:ASP:H	1:23:A:LEU:HB2	17	0.45
(2,112)	1:22:A:ASP:H	1:23:A:LEU:HB3	17	0.45
(2,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	2	0.45
(2,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	2	0.45
(1,2426)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	2	0.45
(1,2426)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	2	0.45
(1,2426)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	2	0.45
(1,2426)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	2	0.45
(1,2426)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	2	0.45
(1,2426)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	2	0.45
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	17	0.45
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	17	0.45
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	17	0.45
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	17	0.45
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	17	0.45
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	17	0.45
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	11	0.45
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	11	0.45
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	11	0.45
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	11	0.45
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	11	0.45
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	11	0.45
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	11	0.45
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	11	0.45
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	11	0.45
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	11	0.45
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	11	0.45
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	11	0.45
(1,2207)	1:65:A:CYS:HB2	1:69:A:MET:HG2	2	0.45
(1,2207)	1:65:A:CYS:HB2	1:69:A:MET:HG3	2	0.45
(1,2207)	1:65:A:CYS:HB3	1:69:A:MET:HG2	2	0.45
(1,2207)	1:65:A:CYS:HB3	1:69:A:MET:HG3	2	0.45
(1,2073)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	19	0.45
(1,2073)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	19	0.45
(1,2073)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	19	0.45
(1,2073)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	19	0.45
(1,2073)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	19	0.45
(1,2073)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	19	0.45
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD11	14	0.45
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD12	14	0.45
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD13	14	0.45
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD21	14	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD22	14	0.45
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD23	14	0.45
(1,1944)	1:10:A:ASN:HB3	1:14:A:VAL:HG11	11	0.45
(1,1944)	1:10:A:ASN:HB3	1:14:A:VAL:HG12	11	0.45
(1,1944)	1:10:A:ASN:HB3	1:14:A:VAL:HG13	11	0.45
(1,1944)	1:10:A:ASN:HB3	1:14:A:VAL:HG21	11	0.45
(1,1944)	1:10:A:ASN:HB3	1:14:A:VAL:HG22	11	0.45
(1,1944)	1:10:A:ASN:HB3	1:14:A:VAL:HG23	11	0.45
(1,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	9	0.45
(1,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	9	0.45
(1,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	9	0.45
(1,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	9	0.45
(1,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	9	0.45
(1,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	9	0.45
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE1	12	0.45
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE2	12	0.45
(1,1876)	1:18:A:PHE:HD1	1:113:A:PHE:HE1	7	0.45
(1,1876)	1:18:A:PHE:HD1	1:113:A:PHE:HE2	7	0.45
(1,1876)	1:18:A:PHE:HD2	1:113:A:PHE:HE1	7	0.45
(1,1876)	1:18:A:PHE:HD2	1:113:A:PHE:HE2	7	0.45
(1,1836)	1:9:A:PHE:HZ	1:57:A:LEU:HA	10	0.45
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG21	9	0.45
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG22	9	0.45
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG23	9	0.45
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG21	9	0.45
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG22	9	0.45
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG23	9	0.45
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG21	9	0.45
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG22	9	0.45
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG23	9	0.45
(1,1722)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	3	0.45
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE1	4	0.45
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE2	4	0.45
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE3	4	0.45
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	16	0.45
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	16	0.45
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	16	0.45
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	16	0.45
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	16	0.45
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	16	0.45
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	16	0.45
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	16	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	16	0.45
(1,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	11	0.45
(1,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	11	0.45
(1,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	11	0.45
(1,1441)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	3	0.45
(1,1441)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	3	0.45
(1,1441)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	3	0.45
(1,1441)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	3	0.45
(1,1441)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	3	0.45
(1,1441)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	3	0.45
(1,1081)	1:11:A:ILE:HG13	1:44:A:GLU:HA	17	0.45
(1,1028)	1:66:A:THR:HG21	1:96:A:VAL:HA	2	0.45
(1,1028)	1:66:A:THR:HG22	1:96:A:VAL:HA	2	0.45
(1,1028)	1:66:A:THR:HG23	1:96:A:VAL:HA	2	0.45
(1,968)	1:11:A:ILE:HD11	1:12:A:VAL:HA	10	0.45
(1,968)	1:11:A:ILE:HD12	1:12:A:VAL:HA	10	0.45
(1,968)	1:11:A:ILE:HD13	1:12:A:VAL:HA	10	0.45
(1,949)	1:81:A:GLU:HA	1:81:A:GLU:HG2	1	0.45
(1,949)	1:81:A:GLU:HA	1:81:A:GLU:HG3	1	0.45
(1,949)	1:81:A:GLU:HA	1:81:A:GLU:HG2	5	0.45
(1,949)	1:81:A:GLU:HA	1:81:A:GLU:HG3	5	0.45
(1,949)	1:81:A:GLU:HA	1:81:A:GLU:HG2	7	0.45
(1,949)	1:81:A:GLU:HA	1:81:A:GLU:HG3	7	0.45
(1,949)	1:81:A:GLU:HA	1:81:A:GLU:HG2	10	0.45
(1,949)	1:81:A:GLU:HA	1:81:A:GLU:HG3	10	0.45
(1,949)	1:81:A:GLU:HA	1:81:A:GLU:HG2	11	0.45
(1,949)	1:81:A:GLU:HA	1:81:A:GLU:HG3	11	0.45
(1,939)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	1	0.45
(1,939)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	1	0.45
(1,939)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	1	0.45
(1,727)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	3	0.45
(1,727)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	3	0.45
(1,727)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	3	0.45
(1,660)	1:79:A:THR:H	1:80:A:TYR:HD1	16	0.45
(1,660)	1:79:A:THR:H	1:80:A:TYR:HD2	16	0.45
(1,439)	1:143:A:TRP:H	1:144:A:LEU:HD11	1	0.45
(1,439)	1:143:A:TRP:H	1:144:A:LEU:HD12	1	0.45
(1,439)	1:143:A:TRP:H	1:144:A:LEU:HD13	1	0.45
(1,396)	1:105:A:LYS:HD2	1:106:A:ASP:H	2	0.45
(1,396)	1:105:A:LYS:HD3	1:106:A:ASP:H	2	0.45
(1,124)	1:22:A:ASP:H	1:23:A:LEU:HB2	17	0.45
(1,124)	1:22:A:ASP:H	1:23:A:LEU:HB3	17	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,117)	1:69:A:MET:H	1:73:A:ILE:HD11	7	0.45
(1,117)	1:69:A:MET:H	1:73:A:ILE:HD12	7	0.45
(1,117)	1:69:A:MET:H	1:73:A:ILE:HD13	7	0.45
(1,58)	1:98:A:ILE:H	1:101:A:ILE:HG13	7	0.45
(1,5)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	2	0.45
(1,5)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	2	0.45
(34,2428)	1:129:A:LYS:HG2	1:130:A:GLY:H	1	0.44
(34,2428)	1:129:A:LYS:HG3	1:130:A:GLY:H	1	0.44
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG11	9	0.44
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG12	9	0.44
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG13	9	0.44
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG21	9	0.44
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG22	9	0.44
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG23	9	0.44
(34,2069)	1:34:A:LYS:H	1:81:A:GLU:HB2	8	0.44
(34,2069)	1:34:A:LYS:H	1:81:A:GLU:HB3	8	0.44
(34,2063)	1:31:A:PRO:HB2	1:35:A:LEU:HD11	3	0.44
(34,2063)	1:31:A:PRO:HB2	1:35:A:LEU:HD12	3	0.44
(34,2063)	1:31:A:PRO:HB2	1:35:A:LEU:HD13	3	0.44
(34,2063)	1:31:A:PRO:HB2	1:35:A:LEU:HD21	3	0.44
(34,2063)	1:31:A:PRO:HB2	1:35:A:LEU:HD22	3	0.44
(34,2063)	1:31:A:PRO:HB2	1:35:A:LEU:HD23	3	0.44
(34,2063)	1:31:A:PRO:HB3	1:35:A:LEU:HD11	3	0.44
(34,2063)	1:31:A:PRO:HB3	1:35:A:LEU:HD12	3	0.44
(34,2063)	1:31:A:PRO:HB3	1:35:A:LEU:HD13	3	0.44
(34,2063)	1:31:A:PRO:HB3	1:35:A:LEU:HD21	3	0.44
(34,2063)	1:31:A:PRO:HB3	1:35:A:LEU:HD22	3	0.44
(34,2063)	1:31:A:PRO:HB3	1:35:A:LEU:HD23	3	0.44
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD11	8	0.44
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD12	8	0.44
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD13	8	0.44
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD21	8	0.44
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD22	8	0.44
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD23	8	0.44
(34,1910)	1:18:A:PHE:HA	1:113:A:PHE:HE1	14	0.44
(34,1910)	1:18:A:PHE:HA	1:113:A:PHE:HE2	14	0.44
(34,1909)	1:150:A:THR:H	1:151:A:PHE:HD1	5	0.44
(34,1909)	1:150:A:THR:H	1:151:A:PHE:HD2	5	0.44
(34,1904)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	7	0.44
(34,1904)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	7	0.44
(34,1904)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	7	0.44
(34,1904)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	7	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1904)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	7	0.44
(34,1904)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	7	0.44
(34,1772)	1:141:A:LYS:HA	1:144:A:LEU:HD21	11	0.44
(34,1772)	1:141:A:LYS:HA	1:144:A:LEU:HD22	11	0.44
(34,1772)	1:141:A:LYS:HA	1:144:A:LEU:HD23	11	0.44
(34,1715)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	14	0.44
(34,1715)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	14	0.44
(34,1715)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	16	0.44
(34,1715)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	16	0.44
(34,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	1	0.44
(34,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	1	0.44
(34,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	1	0.44
(34,1603)	1:98:A:ILE:HG21	1:116:A:GLN:H	6	0.44
(34,1603)	1:98:A:ILE:HG22	1:116:A:GLN:H	6	0.44
(34,1603)	1:98:A:ILE:HG23	1:116:A:GLN:H	6	0.44
(34,1569)	1:39:A:VAL:H	1:139:A:LEU:HD11	1	0.44
(34,1569)	1:39:A:VAL:H	1:139:A:LEU:HD12	1	0.44
(34,1569)	1:39:A:VAL:H	1:139:A:LEU:HD13	1	0.44
(34,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD21	8	0.44
(34,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD22	8	0.44
(34,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD23	8	0.44
(34,1499)	1:101:A:ILE:HG21	1:103:A:ARG:HA	5	0.44
(34,1499)	1:101:A:ILE:HG22	1:103:A:ARG:HA	5	0.44
(34,1499)	1:101:A:ILE:HG23	1:103:A:ARG:HA	5	0.44
(34,1473)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	14	0.44
(34,1473)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	14	0.44
(34,1473)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	14	0.44
(34,1415)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	11	0.44
(34,1415)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	11	0.44
(34,1415)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	11	0.44
(34,1415)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	11	0.44
(34,1415)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	11	0.44
(34,1415)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	11	0.44
(34,1415)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	11	0.44
(34,1415)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	11	0.44
(34,1415)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	11	0.44
(34,1383)	1:21:A:THR:H	1:21:A:THR:HG21	6	0.44
(34,1383)	1:21:A:THR:H	1:21:A:THR:HG22	6	0.44
(34,1383)	1:21:A:THR:H	1:21:A:THR:HG23	6	0.44
(34,1277)	1:37:A:LEU:HD11	1:38:A:GLU:HA	12	0.44
(34,1277)	1:37:A:LEU:HD12	1:38:A:GLU:HA	12	0.44
(34,1277)	1:37:A:LEU:HD13	1:38:A:GLU:HA	12	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1248)	1:34:A:LYS:H	1:81:A:GLU:HA	13	0.44
(34,932)	1:44:A:GLU:H	1:44:A:GLU:HG3	9	0.44
(34,810)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	12	0.44
(34,810)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	12	0.44
(34,810)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	12	0.44
(34,810)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	12	0.44
(34,810)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	12	0.44
(34,810)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	12	0.44
(34,795)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	3	0.44
(34,795)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	3	0.44
(34,795)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	3	0.44
(34,795)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	3	0.44
(34,795)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	3	0.44
(34,795)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	3	0.44
(34,792)	1:60:A:LEU:H	1:63:A:ILE:HD11	19	0.44
(34,792)	1:60:A:LEU:H	1:63:A:ILE:HD12	19	0.44
(34,792)	1:60:A:LEU:H	1:63:A:ILE:HD13	19	0.44
(34,788)	1:11:A:ILE:HD11	1:15:A:ALA:H	14	0.44
(34,788)	1:11:A:ILE:HD12	1:15:A:ALA:H	14	0.44
(34,788)	1:11:A:ILE:HD13	1:15:A:ALA:H	14	0.44
(34,316)	1:64:A:LYS:HD2	1:65:A:CYS:H	5	0.44
(34,316)	1:64:A:LYS:HD3	1:65:A:CYS:H	5	0.44
(34,180)	1:8:A:ASP:H	1:58:A:ILE:HG13	3	0.44
(34,170)	1:94:A:ALA:HB1	1:95:A:ILE:H	9	0.44
(34,170)	1:94:A:ALA:HB2	1:95:A:ILE:H	9	0.44
(34,170)	1:94:A:ALA:HB3	1:95:A:ILE:H	9	0.44
(34,16)	1:64:A:LYS:H	1:64:A:LYS:HD2	9	0.44
(34,16)	1:64:A:LYS:H	1:64:A:LYS:HD3	9	0.44
(33,2456)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	10	0.44
(33,2456)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	10	0.44
(33,2456)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	10	0.44
(33,2456)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	10	0.44
(33,2456)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	10	0.44
(33,2456)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	10	0.44
(33,2264)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	6	0.44
(33,2264)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	6	0.44
(33,2264)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	6	0.44
(33,2264)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	6	0.44
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD11	2	0.44
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD12	2	0.44
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD13	2	0.44
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD21	2	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD22	2	0.44
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD23	2	0.44
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD11	12	0.44
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD12	12	0.44
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD13	12	0.44
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD21	12	0.44
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD22	12	0.44
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD23	12	0.44
(33,2166)	1:46:A:ASN:HD21	1:47:A:ALA:H	10	0.44
(33,2166)	1:46:A:ASN:HD22	1:47:A:ALA:H	10	0.44
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD11	11	0.44
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD12	11	0.44
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD13	11	0.44
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD21	11	0.44
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD22	11	0.44
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD23	11	0.44
(33,2134)	1:40:A:LEU:HD11	1:43:A:MET:H	4	0.44
(33,2134)	1:40:A:LEU:HD12	1:43:A:MET:H	4	0.44
(33,2134)	1:40:A:LEU:HD13	1:43:A:MET:H	4	0.44
(33,2134)	1:40:A:LEU:HD21	1:43:A:MET:H	4	0.44
(33,2134)	1:40:A:LEU:HD22	1:43:A:MET:H	4	0.44
(33,2134)	1:40:A:LEU:HD23	1:43:A:MET:H	4	0.44
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	2	0.44
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	2	0.44
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	2	0.44
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	2	0.44
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	2	0.44
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	2	0.44
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	2	0.44
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	2	0.44
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	2	0.44
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	2	0.44
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	2	0.44
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	2	0.44
(33,2039)	1:23:A:LEU:HD11	1:25:A:ALA:H	8	0.44
(33,2039)	1:23:A:LEU:HD12	1:25:A:ALA:H	8	0.44
(33,2039)	1:23:A:LEU:HD13	1:25:A:ALA:H	8	0.44
(33,2039)	1:23:A:LEU:HD21	1:25:A:ALA:H	8	0.44
(33,2039)	1:23:A:LEU:HD22	1:25:A:ALA:H	8	0.44
(33,2039)	1:23:A:LEU:HD23	1:25:A:ALA:H	8	0.44
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG11	4	0.44
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG12	4	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG13	4	0.44
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG21	4	0.44
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG22	4	0.44
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG23	4	0.44
(33,1970)	1:12:A:VAL:HG11	1:43:A:MET:HB2	13	0.44
(33,1970)	1:12:A:VAL:HG12	1:43:A:MET:HB2	13	0.44
(33,1970)	1:12:A:VAL:HG13	1:43:A:MET:HB2	13	0.44
(33,1970)	1:12:A:VAL:HG21	1:43:A:MET:HB2	13	0.44
(33,1970)	1:12:A:VAL:HG22	1:43:A:MET:HB2	13	0.44
(33,1970)	1:12:A:VAL:HG23	1:43:A:MET:HB2	13	0.44
(33,1947)	1:11:A:ILE:HB	1:40:A:LEU:HD11	19	0.44
(33,1947)	1:11:A:ILE:HB	1:40:A:LEU:HD12	19	0.44
(33,1947)	1:11:A:ILE:HB	1:40:A:LEU:HD13	19	0.44
(33,1947)	1:11:A:ILE:HB	1:40:A:LEU:HD21	19	0.44
(33,1947)	1:11:A:ILE:HB	1:40:A:LEU:HD22	19	0.44
(33,1947)	1:11:A:ILE:HB	1:40:A:LEU:HD23	19	0.44
(33,1914)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	11	0.44
(33,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	10	0.44
(33,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	10	0.44
(33,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	10	0.44
(33,1744)	1:36:A:PRO:HA	1:37:A:LEU:HD21	4	0.44
(33,1744)	1:36:A:PRO:HA	1:37:A:LEU:HD22	4	0.44
(33,1744)	1:36:A:PRO:HA	1:37:A:LEU:HD23	4	0.44
(33,1611)	1:149:A:ALA:HB1	1:151:A:PHE:HA	7	0.44
(33,1611)	1:149:A:ALA:HB2	1:151:A:PHE:HA	7	0.44
(33,1611)	1:149:A:ALA:HB3	1:151:A:PHE:HA	7	0.44
(33,1574)	1:98:A:ILE:HG21	1:116:A:GLN:H	6	0.44
(33,1574)	1:98:A:ILE:HG22	1:116:A:GLN:H	6	0.44
(33,1574)	1:98:A:ILE:HG23	1:116:A:GLN:H	6	0.44
(33,1517)	1:110:A:MET:HE1	1:113:A:PHE:HA	19	0.44
(33,1517)	1:110:A:MET:HE2	1:113:A:PHE:HA	19	0.44
(33,1517)	1:110:A:MET:HE3	1:113:A:PHE:HA	19	0.44
(33,1398)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	11	0.44
(33,1398)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	11	0.44
(33,1398)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	11	0.44
(33,1398)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	11	0.44
(33,1398)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	11	0.44
(33,1398)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	11	0.44
(33,1398)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	11	0.44
(33,1398)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	11	0.44
(33,1398)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	11	0.44
(33,1366)	1:21:A:THR:H	1:21:A:THR:HG21	6	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1366)	1:21:A:THR:H	1:21:A:THR:HG22	6	0.44
(33,1366)	1:21:A:THR:H	1:21:A:THR:HG23	6	0.44
(33,1269)	1:118:A:ASP:HA	1:121:A:VAL:HG11	6	0.44
(33,1269)	1:118:A:ASP:HA	1:121:A:VAL:HG12	6	0.44
(33,1269)	1:118:A:ASP:HA	1:121:A:VAL:HG13	6	0.44
(33,1267)	1:23:A:LEU:HA	1:23:A:LEU:HD11	2	0.44
(33,1267)	1:23:A:LEU:HA	1:23:A:LEU:HD12	2	0.44
(33,1267)	1:23:A:LEU:HA	1:23:A:LEU:HD13	2	0.44
(33,1267)	1:23:A:LEU:HA	1:23:A:LEU:HD11	13	0.44
(33,1267)	1:23:A:LEU:HA	1:23:A:LEU:HD12	13	0.44
(33,1267)	1:23:A:LEU:HA	1:23:A:LEU:HD13	13	0.44
(33,1267)	1:23:A:LEU:HA	1:23:A:LEU:HD11	19	0.44
(33,1267)	1:23:A:LEU:HA	1:23:A:LEU:HD12	19	0.44
(33,1267)	1:23:A:LEU:HA	1:23:A:LEU:HD13	19	0.44
(33,1219)	1:69:A:MET:HE1	1:110:A:MET:HA	5	0.44
(33,1219)	1:69:A:MET:HE2	1:110:A:MET:HA	5	0.44
(33,1219)	1:69:A:MET:HE3	1:110:A:MET:HA	5	0.44
(33,1214)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	17	0.44
(33,1214)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	17	0.44
(33,1214)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	17	0.44
(33,1214)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	17	0.44
(33,1214)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	17	0.44
(33,1214)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	17	0.44
(33,1214)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	19	0.44
(33,1214)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	19	0.44
(33,1214)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	19	0.44
(33,1214)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	19	0.44
(33,1214)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	19	0.44
(33,1214)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	19	0.44
(33,1181)	1:43:A:MET:HB2	1:140:A:LEU:HD11	3	0.44
(33,1181)	1:43:A:MET:HB2	1:140:A:LEU:HD12	3	0.44
(33,1181)	1:43:A:MET:HB2	1:140:A:LEU:HD13	3	0.44
(33,1118)	1:143:A:TRP:HA	1:143:A:TRP:HE3	9	0.44
(33,1070)	1:54:A:ARG:HA	1:57:A:LEU:HB3	19	0.44
(33,972)	1:140:A:LEU:HD21	1:141:A:LYS:HB2	7	0.44
(33,972)	1:140:A:LEU:HD21	1:141:A:LYS:HB3	7	0.44
(33,972)	1:140:A:LEU:HD22	1:141:A:LYS:HB2	7	0.44
(33,972)	1:140:A:LEU:HD22	1:141:A:LYS:HB3	7	0.44
(33,972)	1:140:A:LEU:HD23	1:141:A:LYS:HB2	7	0.44
(33,972)	1:140:A:LEU:HD23	1:141:A:LYS:HB3	7	0.44
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB1	11	0.44
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB2	11	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB3	11	0.44
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB1	11	0.44
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB2	11	0.44
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB3	11	0.44
(33,867)	1:39:A:VAL:H	1:139:A:LEU:HB2	4	0.44
(33,867)	1:39:A:VAL:H	1:139:A:LEU:HB3	4	0.44
(33,846)	1:48:A:ARG:HD2	1:49:A:LYS:H	19	0.44
(33,846)	1:48:A:ARG:HD3	1:49:A:LYS:H	19	0.44
(33,823)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	16	0.44
(33,823)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	16	0.44
(33,823)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	16	0.44
(33,823)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	16	0.44
(33,823)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	16	0.44
(33,823)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	16	0.44
(33,814)	1:64:A:LYS:H	1:98:A:ILE:HD11	16	0.44
(33,814)	1:64:A:LYS:H	1:98:A:ILE:HD12	16	0.44
(33,814)	1:64:A:LYS:H	1:98:A:ILE:HD13	16	0.44
(33,812)	1:98:A:ILE:HD11	1:100:A:ALA:H	6	0.44
(33,812)	1:98:A:ILE:HD12	1:100:A:ALA:H	6	0.44
(33,812)	1:98:A:ILE:HD13	1:100:A:ALA:H	6	0.44
(33,781)	1:11:A:ILE:HD11	1:15:A:ALA:H	14	0.44
(33,781)	1:11:A:ILE:HD12	1:15:A:ALA:H	14	0.44
(33,781)	1:11:A:ILE:HD13	1:15:A:ALA:H	14	0.44
(33,374)	1:41:A:LYS:H	1:44:A:GLU:HB2	16	0.44
(33,374)	1:41:A:LYS:H	1:44:A:GLU:HB3	16	0.44
(33,310)	1:64:A:LYS:HD2	1:65:A:CYS:H	5	0.44
(33,310)	1:64:A:LYS:HD3	1:65:A:CYS:H	5	0.44
(33,188)	1:44:A:GLU:H	1:44:A:GLU:HG3	4	0.44
(33,172)	1:8:A:ASP:H	1:58:A:ILE:HG13	3	0.44
(33,164)	1:94:A:ALA:HB1	1:95:A:ILE:H	9	0.44
(33,164)	1:94:A:ALA:HB2	1:95:A:ILE:H	9	0.44
(33,164)	1:94:A:ALA:HB3	1:95:A:ILE:H	9	0.44
(32,2443)	1:137:A:SER:HB2	1:140:A:LEU:HB2	9	0.44
(32,2443)	1:137:A:SER:HB3	1:140:A:LEU:HB2	9	0.44
(32,2435)	1:134:A:VAL:HG11	1:137:A:SER:H	13	0.44
(32,2435)	1:134:A:VAL:HG12	1:137:A:SER:H	13	0.44
(32,2435)	1:134:A:VAL:HG13	1:137:A:SER:H	13	0.44
(32,2435)	1:134:A:VAL:HG21	1:137:A:SER:H	13	0.44
(32,2435)	1:134:A:VAL:HG22	1:137:A:SER:H	13	0.44
(32,2435)	1:134:A:VAL:HG23	1:137:A:SER:H	13	0.44
(32,2365)	1:116:A:GLN:HG2	1:117:A:VAL:HA	4	0.44
(32,2365)	1:116:A:GLN:HG3	1:117:A:VAL:HA	4	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2365)	1:116:A:GLN:HG2	1:117:A:VAL:HA	11	0.44
(32,2365)	1:116:A:GLN:HG3	1:117:A:VAL:HA	11	0.44
(32,2365)	1:116:A:GLN:HG2	1:117:A:VAL:HA	16	0.44
(32,2365)	1:116:A:GLN:HG3	1:117:A:VAL:HA	16	0.44
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	2	0.44
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	2	0.44
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	2	0.44
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	2	0.44
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	2	0.44
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	2	0.44
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	2	0.44
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	2	0.44
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	2	0.44
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	2	0.44
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	2	0.44
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	2	0.44
(32,1857)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	10	0.44
(32,1857)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	10	0.44
(32,1857)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	10	0.44
(32,1810)	1:79:A:THR:HB	1:80:A:TYR:HE1	2	0.44
(32,1810)	1:79:A:THR:HB	1:80:A:TYR:HE2	2	0.44
(32,1724)	1:141:A:LYS:HA	1:149:A:ALA:H	10	0.44
(32,1546)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	10	0.44
(32,1546)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	10	0.44
(32,1546)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	10	0.44
(32,1486)	1:110:A:MET:HE1	1:113:A:PHE:HA	19	0.44
(32,1486)	1:110:A:MET:HE2	1:113:A:PHE:HA	19	0.44
(32,1486)	1:110:A:MET:HE3	1:113:A:PHE:HA	19	0.44
(32,1330)	1:21:A:THR:H	1:21:A:THR:HG21	6	0.44
(32,1330)	1:21:A:THR:H	1:21:A:THR:HG22	6	0.44
(32,1330)	1:21:A:THR:H	1:21:A:THR:HG23	6	0.44
(32,1224)	1:23:A:LEU:HD11	1:24:A:ASP:H	5	0.44
(32,1224)	1:23:A:LEU:HD12	1:24:A:ASP:H	5	0.44
(32,1224)	1:23:A:LEU:HD13	1:24:A:ASP:H	5	0.44
(32,1224)	1:23:A:LEU:HD11	1:24:A:ASP:H	10	0.44
(32,1224)	1:23:A:LEU:HD12	1:24:A:ASP:H	10	0.44
(32,1224)	1:23:A:LEU:HD13	1:24:A:ASP:H	10	0.44
(32,1190)	1:34:A:LYS:H	1:81:A:GLU:HA	13	0.44
(32,1043)	1:54:A:ARG:HA	1:57:A:LEU:HB3	19	0.44
(32,958)	1:104:A:PHE:H	1:105:A:LYS:HD2	9	0.44
(32,958)	1:104:A:PHE:H	1:105:A:LYS:HD3	9	0.44
(32,915)	1:67:A:PRO:HA	1:70:A:LYS:HB2	9	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,915)	1:67:A:PRO:HA	1:70:A:LYS:HB3	9	0.44
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	5	0.44
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	5	0.44
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	5	0.44
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	5	0.44
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	5	0.44
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	5	0.44
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	5	0.44
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	5	0.44
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	5	0.44
(32,800)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	16	0.44
(32,800)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	16	0.44
(32,800)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	16	0.44
(32,800)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	16	0.44
(32,800)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	16	0.44
(32,800)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	16	0.44
(32,793)	1:64:A:LYS:H	1:98:A:ILE:HD11	16	0.44
(32,793)	1:64:A:LYS:H	1:98:A:ILE:HD12	16	0.44
(32,793)	1:64:A:LYS:H	1:98:A:ILE:HD13	16	0.44
(32,792)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	9	0.44
(32,792)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	9	0.44
(32,792)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	9	0.44
(32,789)	1:98:A:ILE:HD11	1:100:A:ALA:H	6	0.44
(32,789)	1:98:A:ILE:HD12	1:100:A:ALA:H	6	0.44
(32,789)	1:98:A:ILE:HD13	1:100:A:ALA:H	6	0.44
(32,761)	1:11:A:ILE:HD11	1:15:A:ALA:H	14	0.44
(32,761)	1:11:A:ILE:HD12	1:15:A:ALA:H	14	0.44
(32,761)	1:11:A:ILE:HD13	1:15:A:ALA:H	14	0.44
(32,384)	1:105:A:LYS:HD2	1:106:A:ASP:H	2	0.44
(32,384)	1:105:A:LYS:HD3	1:106:A:ASP:H	2	0.44
(32,224)	1:10:A:ASN:H	1:13:A:ALA:HB1	12	0.44
(32,224)	1:10:A:ASN:H	1:13:A:ALA:HB2	12	0.44
(32,224)	1:10:A:ASN:H	1:13:A:ALA:HB3	12	0.44
(32,159)	1:94:A:ALA:HB1	1:95:A:ILE:H	9	0.44
(32,159)	1:94:A:ALA:HB2	1:95:A:ILE:H	9	0.44
(32,159)	1:94:A:ALA:HB3	1:95:A:ILE:H	9	0.44
(32,49)	1:98:A:ILE:H	1:101:A:ILE:HG13	14	0.44
(30,2456)	1:140:A:LEU:HD11	1:143:A:TRP:HD1	17	0.44
(30,2456)	1:140:A:LEU:HD12	1:143:A:TRP:HD1	17	0.44
(30,2456)	1:140:A:LEU:HD13	1:143:A:TRP:HD1	17	0.44
(30,2456)	1:140:A:LEU:HD21	1:143:A:TRP:HD1	17	0.44
(30,2456)	1:140:A:LEU:HD22	1:143:A:TRP:HD1	17	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2456)	1:140:A:LEU:HD23	1:143:A:TRP:HD1	17	0.44
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD11	17	0.44
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD12	17	0.44
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD13	17	0.44
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD21	17	0.44
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD22	17	0.44
(30,2422)	1:135:A:GLN:H	1:140:A:LEU:HD23	17	0.44
(30,2301)	1:97:A:ASP:HA	1:105:A:LYS:HG2	13	0.44
(30,2301)	1:97:A:ASP:HA	1:105:A:LYS:HG3	13	0.44
(30,2300)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	19	0.44
(30,2300)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	19	0.44
(30,2300)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	19	0.44
(30,2300)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	19	0.44
(30,2300)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	19	0.44
(30,2300)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	19	0.44
(30,2300)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	19	0.44
(30,2300)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	19	0.44
(30,2300)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	19	0.44
(30,2300)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	19	0.44
(30,2300)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	19	0.44
(30,2300)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	19	0.44
(30,2276)	1:75:A:GLY:H	1:77:A:CYS:HB2	14	0.44
(30,2276)	1:75:A:GLY:H	1:77:A:CYS:HB3	14	0.44
(30,2157)	1:43:A:MET:H	1:43:A:MET:HG2	11	0.44
(30,2157)	1:43:A:MET:H	1:43:A:MET:HG3	11	0.44
(30,2064)	1:35:A:LEU:H	1:35:A:LEU:HD11	6	0.44
(30,2064)	1:35:A:LEU:H	1:35:A:LEU:HD12	6	0.44
(30,2064)	1:35:A:LEU:H	1:35:A:LEU:HD13	6	0.44
(30,2064)	1:35:A:LEU:H	1:35:A:LEU:HD21	6	0.44
(30,2064)	1:35:A:LEU:H	1:35:A:LEU:HD22	6	0.44
(30,2064)	1:35:A:LEU:H	1:35:A:LEU:HD23	6	0.44
(30,1920)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	16	0.44
(30,1920)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	16	0.44
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	8	0.44
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	8	0.44
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	8	0.44
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	8	0.44
(30,1787)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	18	0.44
(30,1787)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	18	0.44
(30,1700)	1:11:A:ILE:HG12	1:57:A:LEU:HB3	18	0.44
(30,1622)	1:149:A:ALA:HB1	1:151:A:PHE:HA	7	0.44
(30,1622)	1:149:A:ALA:HB2	1:151:A:PHE:HA	7	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1622)	1:149:A:ALA:HB3	1:151:A:PHE:HA	7	0.44
(30,1588)	1:98:A:ILE:HG21	1:116:A:GLN:H	6	0.44
(30,1588)	1:98:A:ILE:HG22	1:116:A:GLN:H	6	0.44
(30,1588)	1:98:A:ILE:HG23	1:116:A:GLN:H	6	0.44
(30,1523)	1:110:A:MET:HE1	1:113:A:PHE:HA	19	0.44
(30,1523)	1:110:A:MET:HE2	1:113:A:PHE:HA	19	0.44
(30,1523)	1:110:A:MET:HE3	1:113:A:PHE:HA	19	0.44
(30,1245)	1:37:A:LEU:HD11	1:38:A:GLU:HA	12	0.44
(30,1245)	1:37:A:LEU:HD12	1:38:A:GLU:HA	12	0.44
(30,1245)	1:37:A:LEU:HD13	1:38:A:GLU:HA	12	0.44
(30,1219)	1:34:A:LYS:H	1:81:A:GLU:HA	13	0.44
(30,1063)	1:54:A:ARG:HA	1:57:A:LEU:HB3	19	0.44
(30,1020)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	11	0.44
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG11	15	0.44
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG12	15	0.44
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG13	15	0.44
(30,940)	1:67:A:PRO:HA	1:70:A:LYS:HB2	9	0.44
(30,940)	1:67:A:PRO:HA	1:70:A:LYS:HB3	9	0.44
(30,817)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	16	0.44
(30,817)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	16	0.44
(30,817)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	16	0.44
(30,817)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	16	0.44
(30,817)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	16	0.44
(30,817)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	16	0.44
(30,808)	1:64:A:LYS:H	1:98:A:ILE:HD11	16	0.44
(30,808)	1:64:A:LYS:H	1:98:A:ILE:HD12	16	0.44
(30,808)	1:64:A:LYS:H	1:98:A:ILE:HD13	16	0.44
(30,777)	1:11:A:ILE:HD11	1:15:A:ALA:H	14	0.44
(30,777)	1:11:A:ILE:HD12	1:15:A:ALA:H	14	0.44
(30,777)	1:11:A:ILE:HD13	1:15:A:ALA:H	14	0.44
(30,629)	1:9:A:PHE:HZ	1:58:A:ILE:H	5	0.44
(30,377)	1:40:A:LEU:HB3	1:41:A:LYS:H	17	0.44
(30,235)	1:10:A:ASN:H	1:13:A:ALA:HB1	12	0.44
(30,235)	1:10:A:ASN:H	1:13:A:ALA:HB2	12	0.44
(30,235)	1:10:A:ASN:H	1:13:A:ALA:HB3	12	0.44
(30,232)	1:44:A:GLU:HG3	1:48:A:ARG:H	16	0.44
(30,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	14	0.44
(30,166)	1:94:A:ALA:HB1	1:95:A:ILE:H	9	0.44
(30,166)	1:94:A:ALA:HB2	1:95:A:ILE:H	9	0.44
(30,166)	1:94:A:ALA:HB3	1:95:A:ILE:H	9	0.44
(30,92)	1:96:A:VAL:H	1:97:A:ASP:H	2	0.44
(30,44)	1:44:A:GLU:HG3	1:47:A:ALA:H	18	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD11	17	0.44
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD12	17	0.44
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD13	17	0.44
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD21	17	0.44
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD22	17	0.44
(29,2396)	1:135:A:GLN:H	1:140:A:LEU:HD23	17	0.44
(29,2287)	1:97:A:ASP:HA	1:105:A:LYS:HG2	13	0.44
(29,2287)	1:97:A:ASP:HA	1:105:A:LYS:HG3	13	0.44
(29,2286)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	3	0.44
(29,2286)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	3	0.44
(29,2286)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	3	0.44
(29,2286)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	3	0.44
(29,2286)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	3	0.44
(29,2286)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	3	0.44
(29,2286)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	3	0.44
(29,2286)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	3	0.44
(29,2286)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	3	0.44
(29,2286)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	3	0.44
(29,2286)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	3	0.44
(29,2286)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	3	0.44
(29,2284)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	19	0.44
(29,2284)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	19	0.44
(29,2284)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	19	0.44
(29,2284)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	19	0.44
(29,2284)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	19	0.44
(29,2284)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	19	0.44
(29,2284)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	19	0.44
(29,2284)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	19	0.44
(29,2284)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	19	0.44
(29,2284)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	19	0.44
(29,2284)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	19	0.44
(29,2284)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	19	0.44
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD11	13	0.44
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD12	13	0.44
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD13	13	0.44
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD21	13	0.44
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD22	13	0.44
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD23	13	0.44
(29,2056)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	14	0.44
(29,2056)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	14	0.44
(29,2056)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	14	0.44
(29,2056)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	14	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2056)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	14	0.44
(29,2056)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	14	0.44
(29,2056)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	14	0.44
(29,2056)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	14	0.44
(29,2056)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	14	0.44
(29,2056)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	14	0.44
(29,2056)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	14	0.44
(29,2056)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	14	0.44
(29,1996)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	8	0.44
(29,1996)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	8	0.44
(29,1996)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	8	0.44
(29,1996)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	8	0.44
(29,1996)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	8	0.44
(29,1996)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	8	0.44
(29,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HB	2	0.44
(29,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HB	2	0.44
(29,1909)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	10	0.44
(29,1909)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	10	0.44
(29,1909)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	10	0.44
(29,1828)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	18	0.44
(29,1828)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	18	0.44
(29,1828)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	18	0.44
(29,1828)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	18	0.44
(29,1828)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	18	0.44
(29,1828)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	18	0.44
(29,1634)	1:149:A:ALA:HB1	1:151:A:PHE:HA	7	0.44
(29,1634)	1:149:A:ALA:HB2	1:151:A:PHE:HA	7	0.44
(29,1634)	1:149:A:ALA:HB3	1:151:A:PHE:HA	7	0.44
(29,1599)	1:98:A:ILE:HG21	1:116:A:GLN:H	6	0.44
(29,1599)	1:98:A:ILE:HG22	1:116:A:GLN:H	6	0.44
(29,1599)	1:98:A:ILE:HG23	1:116:A:GLN:H	6	0.44
(29,1550)	1:110:A:MET:H	1:110:A:MET:HE1	6	0.44
(29,1550)	1:110:A:MET:H	1:110:A:MET:HE2	6	0.44
(29,1550)	1:110:A:MET:H	1:110:A:MET:HE3	6	0.44
(29,1538)	1:110:A:MET:HE1	1:113:A:PHE:HA	19	0.44
(29,1538)	1:110:A:MET:HE2	1:113:A:PHE:HA	19	0.44
(29,1538)	1:110:A:MET:HE3	1:113:A:PHE:HA	19	0.44
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE1	13	0.44
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE2	13	0.44
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE3	13	0.44
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG21	6	0.44
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG22	6	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG23	6	0.44
(29,1316)	1:66:A:THR:HG21	1:96:A:VAL:HB	18	0.44
(29,1316)	1:66:A:THR:HG22	1:96:A:VAL:HB	18	0.44
(29,1316)	1:66:A:THR:HG23	1:96:A:VAL:HB	18	0.44
(29,921)	1:44:A:GLU:H	1:44:A:GLU:HG3	9	0.44
(29,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	16	0.44
(29,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	16	0.44
(29,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	16	0.44
(29,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	16	0.44
(29,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	16	0.44
(29,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	16	0.44
(29,827)	1:64:A:LYS:H	1:98:A:ILE:HD11	16	0.44
(29,827)	1:64:A:LYS:H	1:98:A:ILE:HD12	16	0.44
(29,827)	1:64:A:LYS:H	1:98:A:ILE:HD13	16	0.44
(29,824)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	4	0.44
(29,824)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	4	0.44
(29,824)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	4	0.44
(29,797)	1:11:A:ILE:HD11	1:15:A:ALA:H	14	0.44
(29,797)	1:11:A:ILE:HD12	1:15:A:ALA:H	14	0.44
(29,797)	1:11:A:ILE:HD13	1:15:A:ALA:H	14	0.44
(29,739)	1:46:A:ASN:HA	1:50:A:ALA:H	8	0.44
(29,723)	1:48:A:ARG:HE	1:49:A:LYS:H	17	0.44
(29,595)	1:75:A:GLY:H	1:76:A:ARG:HG2	10	0.44
(29,595)	1:75:A:GLY:H	1:76:A:ARG:HG3	10	0.44
(29,532)	1:71:A:LYS:HG3	1:72:A:PHE:H	1	0.44
(29,174)	1:94:A:ALA:HB1	1:95:A:ILE:H	9	0.44
(29,174)	1:94:A:ALA:HB2	1:95:A:ILE:H	9	0.44
(29,174)	1:94:A:ALA:HB3	1:95:A:ILE:H	9	0.44
(29,17)	1:64:A:LYS:H	1:64:A:LYS:HD2	9	0.44
(29,17)	1:64:A:LYS:H	1:64:A:LYS:HD3	9	0.44
(23,20)	1:128:A:LEU:N	1:124:A:THR:O	7	0.44
(23,18)	1:119:A:LEU:N	1:115:A:ALA:O	1	0.44
(23,18)	1:119:A:LEU:N	1:115:A:ALA:O	12	0.44
(23,17)	1:118:A:ASP:N	1:114:A:ILE:O	3	0.44
(23,3)	1:44:A:GLU:N	1:40:A:LEU:O	5	0.44
(23,2)	1:39:A:VAL:N	1:36:A:PRO:O	7	0.44
(22,39)	1:128:A:LEU:H	1:124:A:THR:C	11	0.44
(22,34)	1:118:A:ASP:N	1:114:A:ILE:C	5	0.44
(22,34)	1:118:A:ASP:N	1:114:A:ILE:C	10	0.44
(22,27)	1:115:A:ALA:H	1:111:A:GLU:C	2	0.44
(22,10)	1:58:A:ILE:N	1:54:A:ARG:C	12	0.44
(22,8)	1:45:A:ALA:N	1:41:A:LYS:C	6	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(22,7)	1:45:A:ALA:H	1:41:A:LYS:C	7	0.44
(19,7)	1:123:A:CYS:SG	1:56:A:CYS:CB	5	0.44
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD11	10	0.44
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD12	10	0.44
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD13	10	0.44
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD21	10	0.44
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD22	10	0.44
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD23	10	0.44
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD11	10	0.44
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD12	10	0.44
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD13	10	0.44
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD21	10	0.44
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD22	10	0.44
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD23	10	0.44
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD11	10	0.44
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD12	10	0.44
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD13	10	0.44
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD21	10	0.44
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD22	10	0.44
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD23	10	0.44
(18,2284)	1:97:A:ASP:HA	1:105:A:LYS:HG2	13	0.44
(18,2284)	1:97:A:ASP:HA	1:105:A:LYS:HG3	13	0.44
(18,2283)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	3	0.44
(18,2283)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	3	0.44
(18,2283)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	3	0.44
(18,2283)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	3	0.44
(18,2283)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	3	0.44
(18,2283)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	3	0.44
(18,2283)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	3	0.44
(18,2283)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	3	0.44
(18,2283)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	3	0.44
(18,2283)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	3	0.44
(18,2283)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	3	0.44
(18,2283)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	3	0.44
(18,2231)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	14	0.44
(18,2231)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	14	0.44
(18,2231)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	14	0.44
(18,2231)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	14	0.44
(18,2231)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	14	0.44
(18,2231)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	14	0.44
(18,2226)	1:60:A:LEU:HD11	1:123:A:CYS:H	5	0.44
(18,2226)	1:60:A:LEU:HD12	1:123:A:CYS:H	5	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2226)	1:60:A:LEU:HD13	1:123:A:CYS:H	5	0.44
(18,2226)	1:60:A:LEU:HD21	1:123:A:CYS:H	5	0.44
(18,2226)	1:60:A:LEU:HD22	1:123:A:CYS:H	5	0.44
(18,2226)	1:60:A:LEU:HD23	1:123:A:CYS:H	5	0.44
(18,2224)	1:60:A:LEU:HD11	1:122:A:ASP:H	5	0.44
(18,2224)	1:60:A:LEU:HD12	1:122:A:ASP:H	5	0.44
(18,2224)	1:60:A:LEU:HD13	1:122:A:ASP:H	5	0.44
(18,2224)	1:60:A:LEU:HD21	1:122:A:ASP:H	5	0.44
(18,2224)	1:60:A:LEU:HD22	1:122:A:ASP:H	5	0.44
(18,2224)	1:60:A:LEU:HD23	1:122:A:ASP:H	5	0.44
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG11	6	0.44
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG12	6	0.44
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG13	6	0.44
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG21	6	0.44
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG22	6	0.44
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG23	6	0.44
(18,2132)	1:41:A:LYS:HG2	1:44:A:GLU:HG2	10	0.44
(18,2132)	1:41:A:LYS:HG2	1:44:A:GLU:HG3	10	0.44
(18,2132)	1:41:A:LYS:HG3	1:44:A:GLU:HG2	10	0.44
(18,2132)	1:41:A:LYS:HG3	1:44:A:GLU:HG3	10	0.44
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD11	11	0.44
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD12	11	0.44
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD13	11	0.44
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD21	11	0.44
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD22	11	0.44
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD23	11	0.44
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD11	1	0.44
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD12	1	0.44
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD13	1	0.44
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD21	1	0.44
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD22	1	0.44
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD23	1	0.44
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	16	0.44
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	16	0.44
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	16	0.44
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	16	0.44
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	16	0.44
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	16	0.44
(18,1957)	1:11:A:ILE:HG12	1:57:A:LEU:HD11	15	0.44
(18,1957)	1:11:A:ILE:HG12	1:57:A:LEU:HD12	15	0.44
(18,1957)	1:11:A:ILE:HG12	1:57:A:LEU:HD13	15	0.44
(18,1957)	1:11:A:ILE:HG12	1:57:A:LEU:HD21	15	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1957)	1:11:A:ILE:HG12	1:57:A:LEU:HD22	15	0.44
(18,1957)	1:11:A:ILE:HG12	1:57:A:LEU:HD23	15	0.44
(18,1898)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	14	0.44
(18,1898)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	14	0.44
(18,1832)	1:13:A:ALA:HA	1:80:A:TYR:HE1	1	0.44
(18,1832)	1:13:A:ALA:HA	1:80:A:TYR:HE2	1	0.44
(18,1807)	1:18:A:PHE:HE1	1:131:A:LEU:HB2	17	0.44
(18,1807)	1:18:A:PHE:HE2	1:131:A:LEU:HB2	17	0.44
(18,1744)	1:141:A:LYS:HA	1:149:A:ALA:H	10	0.44
(18,1712)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	2	0.44
(18,1712)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	2	0.44
(18,1712)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	2	0.44
(18,1688)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	14	0.44
(18,1688)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	14	0.44
(18,1688)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	16	0.44
(18,1688)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	16	0.44
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB2	2	0.44
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB3	2	0.44
(18,1603)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	1	0.44
(18,1603)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	1	0.44
(18,1603)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	1	0.44
(18,1571)	1:98:A:ILE:HG21	1:116:A:GLN:H	6	0.44
(18,1571)	1:98:A:ILE:HG22	1:116:A:GLN:H	6	0.44
(18,1571)	1:98:A:ILE:HG23	1:116:A:GLN:H	6	0.44
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG21	6	0.44
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG22	6	0.44
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG23	6	0.44
(18,1358)	1:21:A:THR:H	1:21:A:THR:HG21	6	0.44
(18,1358)	1:21:A:THR:H	1:21:A:THR:HG22	6	0.44
(18,1358)	1:21:A:THR:H	1:21:A:THR:HG23	6	0.44
(18,1316)	1:107:A:LEU:HA	1:108:A:GLU:HG2	8	0.44
(18,1299)	1:66:A:THR:HG21	1:96:A:VAL:HB	18	0.44
(18,1299)	1:66:A:THR:HG22	1:96:A:VAL:HB	18	0.44
(18,1299)	1:66:A:THR:HG23	1:96:A:VAL:HB	18	0.44
(18,1124)	1:43:A:MET:HA	1:43:A:MET:HG3	16	0.44
(18,927)	1:125:A:THR:HB	1:128:A:LEU:HB2	5	0.44
(18,845)	1:45:A:ALA:HA	1:48:A:ARG:HD2	11	0.44
(18,845)	1:45:A:ALA:HA	1:48:A:ARG:HD3	11	0.44
(18,820)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	4	0.44
(18,820)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	4	0.44
(18,820)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	4	0.44
(18,794)	1:11:A:ILE:HD11	1:15:A:ALA:H	14	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,794)	1:11:A:ILE:HD12	1:15:A:ALA:H	14	0.44
(18,794)	1:11:A:ILE:HD13	1:15:A:ALA:H	14	0.44
(18,767)	1:147:A:ARG:HA	1:147:A:ARG:HE	1	0.44
(18,744)	1:46:A:ASN:HA	1:50:A:ALA:H	8	0.44
(18,741)	1:17:A:ASN:HD21	1:18:A:PHE:H	5	0.44
(18,731)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	3	0.44
(18,731)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	3	0.44
(18,731)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	3	0.44
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB2	16	0.44
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB3	16	0.44
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB2	17	0.44
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB3	17	0.44
(18,568)	1:73:A:ILE:HD11	1:110:A:MET:H	14	0.44
(18,568)	1:73:A:ILE:HD12	1:110:A:MET:H	14	0.44
(18,568)	1:73:A:ILE:HD13	1:110:A:MET:H	14	0.44
(18,544)	1:71:A:LYS:HG3	1:72:A:PHE:H	1	0.44
(18,167)	1:94:A:ALA:HB1	1:95:A:ILE:H	9	0.44
(18,167)	1:94:A:ALA:HB2	1:95:A:ILE:H	9	0.44
(18,167)	1:94:A:ALA:HB3	1:95:A:ILE:H	9	0.44
(18,15)	1:64:A:LYS:H	1:64:A:LYS:HD2	9	0.44
(18,15)	1:64:A:LYS:H	1:64:A:LYS:HD3	9	0.44
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD11	12	0.44
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD12	12	0.44
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD13	12	0.44
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD21	12	0.44
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD22	12	0.44
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD23	12	0.44
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD11	12	0.44
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD12	12	0.44
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD13	12	0.44
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD21	12	0.44
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD22	12	0.44
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD23	12	0.44
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD11	12	0.44
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD12	12	0.44
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD13	12	0.44
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD21	12	0.44
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD22	12	0.44
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD23	12	0.44
(17,2298)	1:97:A:ASP:HA	1:105:A:LYS:HG2	13	0.44
(17,2298)	1:97:A:ASP:HA	1:105:A:LYS:HG3	13	0.44
(17,2150)	1:40:A:LEU:HD11	1:44:A:GLU:HG2	19	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2150)	1:40:A:LEU:HD12	1:44:A:GLU:HG2	19	0.44
(17,2150)	1:40:A:LEU:HD13	1:44:A:GLU:HG2	19	0.44
(17,2150)	1:40:A:LEU:HD21	1:44:A:GLU:HG2	19	0.44
(17,2150)	1:40:A:LEU:HD22	1:44:A:GLU:HG2	19	0.44
(17,2150)	1:40:A:LEU:HD23	1:44:A:GLU:HG2	19	0.44
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	2	0.44
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	2	0.44
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	2	0.44
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	2	0.44
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	2	0.44
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	2	0.44
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	2	0.44
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	2	0.44
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	2	0.44
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	2	0.44
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	2	0.44
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	2	0.44
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	16	0.44
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	16	0.44
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	16	0.44
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	16	0.44
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	16	0.44
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	16	0.44
(17,1776)	1:141:A:LYS:HA	1:148:A:CYS:H	8	0.44
(17,1602)	1:98:A:ILE:HG21	1:116:A:GLN:H	6	0.44
(17,1602)	1:98:A:ILE:HG22	1:116:A:GLN:H	6	0.44
(17,1602)	1:98:A:ILE:HG23	1:116:A:GLN:H	6	0.44
(17,1556)	1:110:A:MET:H	1:110:A:MET:HE1	6	0.44
(17,1556)	1:110:A:MET:H	1:110:A:MET:HE2	6	0.44
(17,1556)	1:110:A:MET:H	1:110:A:MET:HE3	6	0.44
(17,1524)	1:12:A:VAL:H	1:43:A:MET:HE1	11	0.44
(17,1524)	1:12:A:VAL:H	1:43:A:MET:HE2	11	0.44
(17,1524)	1:12:A:VAL:H	1:43:A:MET:HE3	11	0.44
(17,1337)	1:107:A:LEU:HA	1:108:A:GLU:HG2	8	0.44
(17,1223)	1:69:A:MET:HE1	1:110:A:MET:HA	5	0.44
(17,1223)	1:69:A:MET:HE2	1:110:A:MET:HA	5	0.44
(17,1223)	1:69:A:MET:HE3	1:110:A:MET:HA	5	0.44
(17,1131)	1:143:A:TRP:HA	1:143:A:TRP:HE3	9	0.44
(17,849)	1:48:A:ARG:HD2	1:49:A:LYS:H	19	0.44
(17,849)	1:48:A:ARG:HD3	1:49:A:LYS:H	19	0.44
(17,830)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	16	0.44
(17,830)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	16	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,830)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	16	0.44
(17,830)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	16	0.44
(17,830)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	16	0.44
(17,830)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	16	0.44
(17,821)	1:64:A:LYS:H	1:98:A:ILE:HD11	16	0.44
(17,821)	1:64:A:LYS:H	1:98:A:ILE:HD12	16	0.44
(17,821)	1:64:A:LYS:H	1:98:A:ILE:HD13	16	0.44
(17,817)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	4	0.44
(17,817)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	4	0.44
(17,817)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	4	0.44
(17,732)	1:46:A:ASN:HA	1:50:A:ALA:H	8	0.44
(17,709)	1:23:A:LEU:HD21	1:27:A:ARG:HE	14	0.44
(17,709)	1:23:A:LEU:HD22	1:27:A:ARG:HE	14	0.44
(17,709)	1:23:A:LEU:HD23	1:27:A:ARG:HE	14	0.44
(17,556)	1:10:A:ASN:HD21	1:14:A:VAL:HB	5	0.44
(17,308)	1:64:A:LYS:HD2	1:65:A:CYS:H	5	0.44
(17,308)	1:64:A:LYS:HD3	1:65:A:CYS:H	5	0.44
(17,166)	1:94:A:ALA:HB1	1:95:A:ILE:H	9	0.44
(17,166)	1:94:A:ALA:HB2	1:95:A:ILE:H	9	0.44
(17,166)	1:94:A:ALA:HB3	1:95:A:ILE:H	9	0.44
(16,2371)	1:116:A:GLN:HG2	1:117:A:VAL:HA	4	0.44
(16,2371)	1:116:A:GLN:HG3	1:117:A:VAL:HA	4	0.44
(16,2371)	1:116:A:GLN:HG2	1:117:A:VAL:HA	11	0.44
(16,2371)	1:116:A:GLN:HG3	1:117:A:VAL:HA	11	0.44
(16,2371)	1:116:A:GLN:HG2	1:117:A:VAL:HA	16	0.44
(16,2371)	1:116:A:GLN:HG3	1:117:A:VAL:HA	16	0.44
(16,2339)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	3	0.44
(16,2339)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	3	0.44
(16,2286)	1:97:A:ASP:HA	1:105:A:LYS:HG2	13	0.44
(16,2286)	1:97:A:ASP:HA	1:105:A:LYS:HG3	13	0.44
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG11	10	0.44
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG12	10	0.44
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG13	10	0.44
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG21	10	0.44
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG22	10	0.44
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG23	10	0.44
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG11	18	0.44
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG12	18	0.44
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG13	18	0.44
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG21	18	0.44
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG22	18	0.44
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG23	18	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2154)	1:44:A:GLU:H	1:44:A:GLU:HG2	4	0.44
(16,2154)	1:44:A:GLU:H	1:44:A:GLU:HG3	4	0.44
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	2	0.44
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	2	0.44
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	2	0.44
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	2	0.44
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	2	0.44
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	2	0.44
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	2	0.44
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	2	0.44
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	2	0.44
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	2	0.44
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	2	0.44
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	2	0.44
(16,1983)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	3	0.44
(16,1983)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	3	0.44
(16,1983)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	3	0.44
(16,1983)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	3	0.44
(16,1983)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	3	0.44
(16,1983)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	3	0.44
(16,1983)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	3	0.44
(16,1983)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	3	0.44
(16,1983)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	3	0.44
(16,1983)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	3	0.44
(16,1983)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	3	0.44
(16,1983)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	3	0.44
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	11	0.44
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	11	0.44
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	11	0.44
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	11	0.44
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	11	0.44
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	11	0.44
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	11	0.44
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	11	0.44
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	11	0.44
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	11	0.44
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	11	0.44
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	11	0.44
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	11	0.44
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	11	0.44
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	11	0.44
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	11	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	11	0.44
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	11	0.44
(16,1884)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	12	0.44
(16,1884)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	12	0.44
(16,1884)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	12	0.44
(16,1884)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	12	0.44
(16,1884)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	12	0.44
(16,1884)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	12	0.44
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	8	0.44
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	8	0.44
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	8	0.44
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	8	0.44
(16,1763)	1:95:A:ILE:HB	1:97:A:ASP:HB2	9	0.44
(16,1763)	1:95:A:ILE:HB	1:97:A:ASP:HB3	9	0.44
(16,1758)	1:95:A:ILE:HG21	1:97:A:ASP:HA	11	0.44
(16,1758)	1:95:A:ILE:HG22	1:97:A:ASP:HA	11	0.44
(16,1758)	1:95:A:ILE:HG23	1:97:A:ASP:HA	11	0.44
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB2	2	0.44
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB3	2	0.44
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	4	0.44
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	4	0.44
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	4	0.44
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	4	0.44
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	4	0.44
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	4	0.44
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	4	0.44
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	4	0.44
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	4	0.44
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	7	0.44
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	7	0.44
(16,1646)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	7	0.44
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	7	0.44
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	7	0.44
(16,1646)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	7	0.44
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	7	0.44
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	7	0.44
(16,1646)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	7	0.44
(16,1638)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	3	0.44
(16,1638)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	3	0.44
(16,1638)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	3	0.44
(16,1638)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	3	0.44
(16,1638)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	3	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1638)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	3	0.44
(16,1638)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	3	0.44
(16,1638)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	3	0.44
(16,1638)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	3	0.44
(16,1572)	1:98:A:ILE:HG21	1:116:A:GLN:H	6	0.44
(16,1572)	1:98:A:ILE:HG22	1:116:A:GLN:H	6	0.44
(16,1572)	1:98:A:ILE:HG23	1:116:A:GLN:H	6	0.44
(16,1557)	1:11:A:ILE:HD11	1:18:A:PHE:HD1	10	0.44
(16,1557)	1:11:A:ILE:HD11	1:18:A:PHE:HD2	10	0.44
(16,1557)	1:11:A:ILE:HD12	1:18:A:PHE:HD1	10	0.44
(16,1557)	1:11:A:ILE:HD12	1:18:A:PHE:HD2	10	0.44
(16,1557)	1:11:A:ILE:HD13	1:18:A:PHE:HD1	10	0.44
(16,1557)	1:11:A:ILE:HD13	1:18:A:PHE:HD2	10	0.44
(16,1535)	1:110:A:MET:H	1:110:A:MET:HE1	6	0.44
(16,1535)	1:110:A:MET:H	1:110:A:MET:HE2	6	0.44
(16,1535)	1:110:A:MET:H	1:110:A:MET:HE3	6	0.44
(16,1530)	1:69:A:MET:HE1	1:76:A:ARG:HB3	7	0.44
(16,1530)	1:69:A:MET:HE2	1:76:A:ARG:HB3	7	0.44
(16,1530)	1:69:A:MET:HE3	1:76:A:ARG:HB3	7	0.44
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE1	13	0.44
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE2	13	0.44
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE3	13	0.44
(16,1459)	1:13:A:ALA:HB1	1:79:A:THR:HB	6	0.44
(16,1459)	1:13:A:ALA:HB2	1:79:A:THR:HB	6	0.44
(16,1459)	1:13:A:ALA:HB3	1:79:A:THR:HB	6	0.44
(16,1446)	1:50:A:ALA:HB1	1:130:A:GLY:H	1	0.44
(16,1446)	1:50:A:ALA:HB2	1:130:A:GLY:H	1	0.44
(16,1446)	1:50:A:ALA:HB3	1:130:A:GLY:H	1	0.44
(16,1446)	1:50:A:ALA:HB1	1:130:A:GLY:H	8	0.44
(16,1446)	1:50:A:ALA:HB2	1:130:A:GLY:H	8	0.44
(16,1446)	1:50:A:ALA:HB3	1:130:A:GLY:H	8	0.44
(16,1368)	1:21:A:THR:H	1:21:A:THR:HG21	6	0.44
(16,1368)	1:21:A:THR:H	1:21:A:THR:HG22	6	0.44
(16,1368)	1:21:A:THR:H	1:21:A:THR:HG23	6	0.44
(16,1231)	1:34:A:LYS:H	1:81:A:GLU:HA	13	0.44
(16,1220)	1:69:A:MET:HE1	1:110:A:MET:HA	5	0.44
(16,1220)	1:69:A:MET:HE2	1:110:A:MET:HA	5	0.44
(16,1220)	1:69:A:MET:HE3	1:110:A:MET:HA	5	0.44
(16,1121)	1:146:A:GLN:HA	1:147:A:ARG:HG2	14	0.44
(16,1121)	1:146:A:GLN:HA	1:147:A:ARG:HG3	14	0.44
(16,966)	1:40:A:LEU:HA	1:43:A:MET:HG2	19	0.44
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	10	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	10	0.44
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	10	0.44
(16,828)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	16	0.44
(16,828)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	16	0.44
(16,828)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	16	0.44
(16,828)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	16	0.44
(16,828)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	16	0.44
(16,828)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	16	0.44
(16,820)	1:64:A:LYS:H	1:98:A:ILE:HD11	16	0.44
(16,820)	1:64:A:LYS:H	1:98:A:ILE:HD12	16	0.44
(16,820)	1:64:A:LYS:H	1:98:A:ILE:HD13	16	0.44
(16,595)	1:75:A:GLY:H	1:76:A:ARG:HG2	10	0.44
(16,595)	1:75:A:GLY:H	1:76:A:ARG:HG3	10	0.44
(16,587)	1:126:A:GLY:H	1:128:A:LEU:HG	5	0.44
(16,557)	1:73:A:ILE:HD11	1:110:A:MET:H	14	0.44
(16,557)	1:73:A:ILE:HD12	1:110:A:MET:H	14	0.44
(16,557)	1:73:A:ILE:HD13	1:110:A:MET:H	14	0.44
(16,399)	1:105:A:LYS:HD2	1:106:A:ASP:H	2	0.44
(16,399)	1:105:A:LYS:HD3	1:106:A:ASP:H	2	0.44
(16,287)	1:73:A:ILE:HD11	1:112:A:GLN:H	11	0.44
(16,287)	1:73:A:ILE:HD12	1:112:A:GLN:H	11	0.44
(16,287)	1:73:A:ILE:HD13	1:112:A:GLN:H	11	0.44
(16,179)	1:8:A:ASP:H	1:58:A:ILE:HG13	3	0.44
(16,169)	1:94:A:ALA:HB1	1:95:A:ILE:H	9	0.44
(16,169)	1:94:A:ALA:HB2	1:95:A:ILE:H	9	0.44
(16,169)	1:94:A:ALA:HB3	1:95:A:ILE:H	9	0.44
(15,2439)	1:137:A:SER:HB2	1:140:A:LEU:HB2	9	0.44
(15,2439)	1:137:A:SER:HB3	1:140:A:LEU:HB2	9	0.44
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG2	8	0.44
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG3	8	0.44
(15,2238)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	6	0.44
(15,2238)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	6	0.44
(15,2238)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	6	0.44
(15,2238)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	6	0.44
(15,2206)	1:65:A:CYS:HB2	1:69:A:MET:HG2	2	0.44
(15,2206)	1:65:A:CYS:HB2	1:69:A:MET:HG3	2	0.44
(15,2206)	1:65:A:CYS:HB3	1:69:A:MET:HG2	2	0.44
(15,2206)	1:65:A:CYS:HB3	1:69:A:MET:HG3	2	0.44
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD11	2	0.44
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD12	2	0.44
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD13	2	0.44
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD21	2	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD22	2	0.44
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD23	2	0.44
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD11	12	0.44
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD12	12	0.44
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD13	12	0.44
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD21	12	0.44
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD22	12	0.44
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD23	12	0.44
(15,2115)	1:43:A:MET:H	1:43:A:MET:HG2	19	0.44
(15,2115)	1:43:A:MET:H	1:43:A:MET:HG3	19	0.44
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	13	0.44
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	13	0.44
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	13	0.44
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	13	0.44
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	13	0.44
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	13	0.44
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	13	0.44
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	13	0.44
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	13	0.44
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	13	0.44
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	13	0.44
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	13	0.44
(15,1774)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	18	0.44
(15,1774)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	18	0.44
(15,1750)	1:141:A:LYS:HA	1:149:A:ALA:H	10	0.44
(15,1724)	1:18:A:PHE:HB3	1:132:A:ALA:HA	12	0.44
(15,1724)	1:18:A:PHE:HB2	1:132:A:ALA:HA	12	0.44
(15,1577)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	8	0.44
(15,1577)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	8	0.44
(15,1577)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	8	0.44
(15,1522)	1:69:A:MET:HE1	1:76:A:ARG:HG2	5	0.44
(15,1522)	1:69:A:MET:HE1	1:76:A:ARG:HG3	5	0.44
(15,1522)	1:69:A:MET:HE2	1:76:A:ARG:HG2	5	0.44
(15,1522)	1:69:A:MET:HE2	1:76:A:ARG:HG3	5	0.44
(15,1522)	1:69:A:MET:HE3	1:76:A:ARG:HG2	5	0.44
(15,1522)	1:69:A:MET:HE3	1:76:A:ARG:HG3	5	0.44
(15,1516)	1:110:A:MET:HE1	1:113:A:PHE:HA	19	0.44
(15,1516)	1:110:A:MET:HE2	1:113:A:PHE:HA	19	0.44
(15,1516)	1:110:A:MET:HE3	1:113:A:PHE:HA	19	0.44
(15,1224)	1:34:A:LYS:H	1:81:A:GLU:HA	13	0.44
(15,927)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	2	0.44
(15,927)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	2	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,927)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	2	0.44
(15,927)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	2	0.44
(15,885)	1:113:A:PHE:HB2	1:114:A:ILE:HD11	6	0.44
(15,885)	1:113:A:PHE:HB2	1:114:A:ILE:HD12	6	0.44
(15,885)	1:113:A:PHE:HB2	1:114:A:ILE:HD13	6	0.44
(15,794)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	3	0.44
(15,794)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	3	0.44
(15,794)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	3	0.44
(15,794)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	3	0.44
(15,794)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	3	0.44
(15,794)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	3	0.44
(15,787)	1:11:A:ILE:HD11	1:15:A:ALA:H	14	0.44
(15,787)	1:11:A:ILE:HD12	1:15:A:ALA:H	14	0.44
(15,787)	1:11:A:ILE:HD13	1:15:A:ALA:H	14	0.44
(15,313)	1:64:A:LYS:HD2	1:65:A:CYS:H	5	0.44
(15,313)	1:64:A:LYS:HD3	1:65:A:CYS:H	5	0.44
(15,239)	1:10:A:ASN:H	1:13:A:ALA:HB1	12	0.44
(15,239)	1:10:A:ASN:H	1:13:A:ALA:HB2	12	0.44
(15,239)	1:10:A:ASN:H	1:13:A:ALA:HB3	12	0.44
(15,180)	1:8:A:ASP:H	1:58:A:ILE:HG13	3	0.44
(15,171)	1:94:A:ALA:HB1	1:95:A:ILE:H	9	0.44
(15,171)	1:94:A:ALA:HB2	1:95:A:ILE:H	9	0.44
(15,171)	1:94:A:ALA:HB3	1:95:A:ILE:H	9	0.44
(15,129)	1:79:A:THR:HB	1:80:A:TYR:H	8	0.44
(15,55)	1:98:A:ILE:H	1:101:A:ILE:HG13	14	0.44
(13,2422)	1:136:A:CYS:HB2	1:149:A:ALA:H	16	0.44
(13,2422)	1:136:A:CYS:HB3	1:149:A:ALA:H	16	0.44
(13,2265)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	19	0.44
(13,2265)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	19	0.44
(13,2265)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	19	0.44
(13,2265)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	19	0.44
(13,2265)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	19	0.44
(13,2265)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	19	0.44
(13,2265)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	19	0.44
(13,2265)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	19	0.44
(13,2265)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	19	0.44
(13,2265)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	19	0.44
(13,2265)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	19	0.44
(13,2265)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	19	0.44
(13,2241)	1:75:A:GLY:H	1:77:A:CYS:HB2	14	0.44
(13,2241)	1:75:A:GLY:H	1:77:A:CYS:HB3	14	0.44
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG11	6	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG12	6	0.44
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG13	6	0.44
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG21	6	0.44
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG22	6	0.44
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG23	6	0.44
(13,2197)	1:65:A:CYS:HB2	1:70:A:LYS:HA	11	0.44
(13,2197)	1:65:A:CYS:HB3	1:70:A:LYS:HA	11	0.44
(13,2021)	1:34:A:LYS:H	1:81:A:GLU:HB2	8	0.44
(13,2021)	1:34:A:LYS:H	1:81:A:GLU:HB3	8	0.44
(13,1873)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	11	0.44
(13,1728)	1:141:A:LYS:HA	1:149:A:ALA:H	10	0.44
(13,1587)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	1	0.44
(13,1587)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	1	0.44
(13,1587)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	1	0.44
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE1	5	0.44
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE2	5	0.44
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE3	5	0.44
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE1	5	0.44
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE2	5	0.44
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE3	5	0.44
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE1	5	0.44
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE2	5	0.44
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE3	5	0.44
(13,1457)	1:101:A:ILE:HG21	1:103:A:ARG:HA	5	0.44
(13,1457)	1:101:A:ILE:HG22	1:103:A:ARG:HA	5	0.44
(13,1457)	1:101:A:ILE:HG23	1:103:A:ARG:HA	5	0.44
(13,1437)	1:13:A:ALA:HB1	1:80:A:TYR:HB2	2	0.44
(13,1437)	1:13:A:ALA:HB2	1:80:A:TYR:HB2	2	0.44
(13,1437)	1:13:A:ALA:HB3	1:80:A:TYR:HB2	2	0.44
(13,1336)	1:21:A:THR:H	1:21:A:THR:HG21	6	0.44
(13,1336)	1:21:A:THR:H	1:21:A:THR:HG22	6	0.44
(13,1336)	1:21:A:THR:H	1:21:A:THR:HG23	6	0.44
(13,1098)	1:105:A:LYS:HA	1:105:A:LYS:HG2	6	0.44
(13,1098)	1:105:A:LYS:HA	1:105:A:LYS:HG2	8	0.44
(13,1098)	1:105:A:LYS:HA	1:105:A:LYS:HG2	11	0.44
(13,1098)	1:105:A:LYS:HA	1:105:A:LYS:HG2	18	0.44
(13,1098)	1:105:A:LYS:HA	1:105:A:LYS:HG2	19	0.44
(13,1055)	1:54:A:ARG:HA	1:57:A:LEU:HB3	19	0.44
(13,901)	1:125:A:THR:HB	1:128:A:LEU:HB2	5	0.44
(13,854)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	6	0.44
(13,854)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	6	0.44
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD11	4	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD12	4	0.44
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD13	4	0.44
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD11	4	0.44
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD12	4	0.44
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD13	4	0.44
(13,766)	1:11:A:ILE:HD11	1:15:A:ALA:H	14	0.44
(13,766)	1:11:A:ILE:HD12	1:15:A:ALA:H	14	0.44
(13,766)	1:11:A:ILE:HD13	1:15:A:ALA:H	14	0.44
(13,370)	1:40:A:LEU:HB2	1:41:A:LYS:H	18	0.44
(13,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	6	0.44
(13,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	6	0.44
(13,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	6	0.44
(13,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	19	0.44
(13,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	19	0.44
(13,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	19	0.44
(13,164)	1:94:A:ALA:HB1	1:95:A:ILE:H	9	0.44
(13,164)	1:94:A:ALA:HB2	1:95:A:ILE:H	9	0.44
(13,164)	1:94:A:ALA:HB3	1:95:A:ILE:H	9	0.44
(13,14)	1:64:A:LYS:H	1:64:A:LYS:HD2	9	0.44
(13,14)	1:64:A:LYS:H	1:64:A:LYS:HD3	9	0.44
(11,2335)	1:106:A:ASP:H	1:107:A:LEU:HD11	11	0.44
(11,2335)	1:106:A:ASP:H	1:107:A:LEU:HD12	11	0.44
(11,2335)	1:106:A:ASP:H	1:107:A:LEU:HD13	11	0.44
(11,2335)	1:106:A:ASP:H	1:107:A:LEU:HD21	11	0.44
(11,2335)	1:106:A:ASP:H	1:107:A:LEU:HD22	11	0.44
(11,2335)	1:106:A:ASP:H	1:107:A:LEU:HD23	11	0.44
(11,2218)	1:60:A:LEU:HD11	1:61:A:SER:HB2	9	0.44
(11,2218)	1:60:A:LEU:HD11	1:61:A:SER:HB3	9	0.44
(11,2218)	1:60:A:LEU:HD12	1:61:A:SER:HB2	9	0.44
(11,2218)	1:60:A:LEU:HD12	1:61:A:SER:HB3	9	0.44
(11,2218)	1:60:A:LEU:HD13	1:61:A:SER:HB2	9	0.44
(11,2218)	1:60:A:LEU:HD13	1:61:A:SER:HB3	9	0.44
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD11	11	0.44
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD12	11	0.44
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD13	11	0.44
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD21	11	0.44
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD22	11	0.44
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD23	11	0.44
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD11	11	0.44
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD12	11	0.44
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD13	11	0.44
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD21	11	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD22	11	0.44
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD23	11	0.44
(11,2176)	1:46:A:ASN:HD21	1:47:A:ALA:H	10	0.44
(11,2176)	1:46:A:ASN:HD22	1:47:A:ALA:H	10	0.44
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG21	14	0.44
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG22	14	0.44
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG23	14	0.44
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG21	14	0.44
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG22	14	0.44
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG23	14	0.44
(11,1972)	1:11:A:ILE:HB	1:40:A:LEU:HD11	19	0.44
(11,1972)	1:11:A:ILE:HB	1:40:A:LEU:HD12	19	0.44
(11,1972)	1:11:A:ILE:HB	1:40:A:LEU:HD13	19	0.44
(11,1972)	1:11:A:ILE:HB	1:40:A:LEU:HD21	19	0.44
(11,1972)	1:11:A:ILE:HB	1:40:A:LEU:HD22	19	0.44
(11,1972)	1:11:A:ILE:HB	1:40:A:LEU:HD23	19	0.44
(11,1941)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	16	0.44
(11,1941)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	16	0.44
(11,1934)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	11	0.44
(11,1921)	1:150:A:THR:H	1:151:A:PHE:HD1	15	0.44
(11,1921)	1:150:A:THR:H	1:151:A:PHE:HD2	15	0.44
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	8	0.44
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	8	0.44
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	8	0.44
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	8	0.44
(11,1818)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	18	0.44
(11,1818)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	18	0.44
(11,1691)	1:69:A:MET:HE1	1:117:A:VAL:HG21	2	0.44
(11,1691)	1:69:A:MET:HE1	1:117:A:VAL:HG22	2	0.44
(11,1691)	1:69:A:MET:HE1	1:117:A:VAL:HG23	2	0.44
(11,1691)	1:69:A:MET:HE2	1:117:A:VAL:HG21	2	0.44
(11,1691)	1:69:A:MET:HE2	1:117:A:VAL:HG22	2	0.44
(11,1691)	1:69:A:MET:HE2	1:117:A:VAL:HG23	2	0.44
(11,1691)	1:69:A:MET:HE3	1:117:A:VAL:HG21	2	0.44
(11,1691)	1:69:A:MET:HE3	1:117:A:VAL:HG22	2	0.44
(11,1691)	1:69:A:MET:HE3	1:117:A:VAL:HG23	2	0.44
(11,1682)	1:134:A:VAL:HG11	1:137:A:SER:H	19	0.44
(11,1682)	1:134:A:VAL:HG12	1:137:A:SER:H	19	0.44
(11,1682)	1:134:A:VAL:HG13	1:137:A:SER:H	19	0.44
(11,1615)	1:98:A:ILE:HG21	1:116:A:GLN:H	6	0.44
(11,1615)	1:98:A:ILE:HG22	1:116:A:GLN:H	6	0.44
(11,1615)	1:98:A:ILE:HG23	1:116:A:GLN:H	6	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1557)	1:110:A:MET:H	1:110:A:MET:HE1	6	0.44
(11,1557)	1:110:A:MET:H	1:110:A:MET:HE2	6	0.44
(11,1557)	1:110:A:MET:H	1:110:A:MET:HE3	6	0.44
(11,1546)	1:110:A:MET:HE1	1:113:A:PHE:HA	19	0.44
(11,1546)	1:110:A:MET:HE2	1:113:A:PHE:HA	19	0.44
(11,1546)	1:110:A:MET:HE3	1:113:A:PHE:HA	19	0.44
(11,1504)	1:101:A:ILE:HG21	1:103:A:ARG:HA	5	0.44
(11,1504)	1:101:A:ILE:HG22	1:103:A:ARG:HA	5	0.44
(11,1504)	1:101:A:ILE:HG23	1:103:A:ARG:HA	5	0.44
(11,1479)	1:13:A:ALA:HB1	1:79:A:THR:HB	6	0.44
(11,1479)	1:13:A:ALA:HB2	1:79:A:THR:HB	6	0.44
(11,1479)	1:13:A:ALA:HB3	1:79:A:THR:HB	6	0.44
(11,1385)	1:21:A:THR:H	1:21:A:THR:HG21	6	0.44
(11,1385)	1:21:A:THR:H	1:21:A:THR:HG22	6	0.44
(11,1385)	1:21:A:THR:H	1:21:A:THR:HG23	6	0.44
(11,1343)	1:107:A:LEU:HA	1:108:A:GLU:HG2	8	0.44
(11,1307)	1:68:A:LYS:HG2	1:70:A:LYS:H	6	0.44
(11,1307)	1:68:A:LYS:HG3	1:70:A:LYS:H	6	0.44
(11,1241)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	4	0.44
(11,1241)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	4	0.44
(11,1241)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	4	0.44
(11,1081)	1:54:A:ARG:HA	1:57:A:LEU:HB3	19	0.44
(11,1041)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	11	0.44
(11,971)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	18	0.44
(11,971)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	18	0.44
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	5	0.44
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	5	0.44
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	5	0.44
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	5	0.44
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	5	0.44
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	5	0.44
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	5	0.44
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	5	0.44
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	5	0.44
(11,818)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	16	0.44
(11,818)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	16	0.44
(11,818)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	16	0.44
(11,818)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	16	0.44
(11,818)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	16	0.44
(11,818)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	16	0.44
(11,817)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	5	0.44
(11,817)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	5	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,817)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	5	0.44
(11,810)	1:64:A:LYS:H	1:98:A:ILE:HD11	16	0.44
(11,810)	1:64:A:LYS:H	1:98:A:ILE:HD12	16	0.44
(11,810)	1:64:A:LYS:H	1:98:A:ILE:HD13	16	0.44
(11,779)	1:11:A:ILE:HD11	1:15:A:ALA:H	14	0.44
(11,779)	1:11:A:ILE:HD12	1:15:A:ALA:H	14	0.44
(11,779)	1:11:A:ILE:HD13	1:15:A:ALA:H	14	0.44
(11,686)	1:145:A:PRO:HB3	1:148:A:CYS:H	5	0.44
(11,555)	1:73:A:ILE:HD11	1:110:A:MET:H	14	0.44
(11,555)	1:73:A:ILE:HD12	1:110:A:MET:H	14	0.44
(11,555)	1:73:A:ILE:HD13	1:110:A:MET:H	14	0.44
(11,379)	1:40:A:LEU:HB3	1:41:A:LYS:H	17	0.44
(11,166)	1:94:A:ALA:HB1	1:95:A:ILE:H	9	0.44
(11,166)	1:94:A:ALA:HB2	1:95:A:ILE:H	9	0.44
(11,166)	1:94:A:ALA:HB3	1:95:A:ILE:H	9	0.44
(9,2273)	1:107:A:LEU:HD11	1:112:A:GLN:HA	5	0.44
(9,2273)	1:107:A:LEU:HD12	1:112:A:GLN:HA	5	0.44
(9,2273)	1:107:A:LEU:HD13	1:112:A:GLN:HA	5	0.44
(9,2273)	1:107:A:LEU:HD21	1:112:A:GLN:HA	5	0.44
(9,2273)	1:107:A:LEU:HD22	1:112:A:GLN:HA	5	0.44
(9,2273)	1:107:A:LEU:HD23	1:112:A:GLN:HA	5	0.44
(9,2162)	1:60:A:LEU:HG	1:61:A:SER:HB2	4	0.44
(9,2162)	1:60:A:LEU:HG	1:61:A:SER:HB3	4	0.44
(9,2041)	1:31:A:PRO:HD2	1:144:A:LEU:HA	15	0.44
(9,2041)	1:31:A:PRO:HD3	1:144:A:LEU:HA	15	0.44
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB1	18	0.44
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB2	18	0.44
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB3	18	0.44
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB1	18	0.44
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB2	18	0.44
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB3	18	0.44
(9,1717)	1:19:A:ALA:HB1	1:21:A:THR:HG21	10	0.44
(9,1717)	1:19:A:ALA:HB1	1:21:A:THR:HG22	10	0.44
(9,1717)	1:19:A:ALA:HB1	1:21:A:THR:HG23	10	0.44
(9,1717)	1:19:A:ALA:HB2	1:21:A:THR:HG21	10	0.44
(9,1717)	1:19:A:ALA:HB2	1:21:A:THR:HG22	10	0.44
(9,1717)	1:19:A:ALA:HB2	1:21:A:THR:HG23	10	0.44
(9,1717)	1:19:A:ALA:HB3	1:21:A:THR:HG21	10	0.44
(9,1717)	1:19:A:ALA:HB3	1:21:A:THR:HG22	10	0.44
(9,1717)	1:19:A:ALA:HB3	1:21:A:THR:HG23	10	0.44
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	3	0.44
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	3	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	3	0.44
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	8	0.44
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	8	0.44
(9,1613)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	8	0.44
(9,1611)	1:149:A:ALA:HB1	1:151:A:PHE:HA	7	0.44
(9,1611)	1:149:A:ALA:HB2	1:151:A:PHE:HA	7	0.44
(9,1611)	1:149:A:ALA:HB3	1:151:A:PHE:HA	7	0.44
(9,1581)	1:98:A:ILE:HG21	1:116:A:GLN:H	6	0.44
(9,1581)	1:98:A:ILE:HG22	1:116:A:GLN:H	6	0.44
(9,1581)	1:98:A:ILE:HG23	1:116:A:GLN:H	6	0.44
(9,1533)	1:110:A:MET:H	1:110:A:MET:HE1	6	0.44
(9,1533)	1:110:A:MET:H	1:110:A:MET:HE2	6	0.44
(9,1533)	1:110:A:MET:H	1:110:A:MET:HE3	6	0.44
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE1	19	0.44
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE2	19	0.44
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE3	19	0.44
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE1	19	0.44
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE2	19	0.44
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE3	19	0.44
(9,1321)	1:107:A:LEU:HA	1:108:A:GLU:HG2	8	0.44
(9,1070)	1:54:A:ARG:HA	1:57:A:LEU:HB3	19	0.44
(9,1026)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	11	0.44
(9,947)	1:67:A:PRO:HA	1:70:A:LYS:HB2	9	0.44
(9,947)	1:67:A:PRO:HA	1:70:A:LYS:HB3	9	0.44
(9,919)	1:125:A:THR:HB	1:128:A:LEU:HB2	5	0.44
(9,908)	1:44:A:GLU:H	1:44:A:GLU:HG3	9	0.44
(9,890)	1:73:A:ILE:HB	1:76:A:ARG:HA	4	0.44
(9,810)	1:64:A:LYS:H	1:98:A:ILE:HD11	16	0.44
(9,810)	1:64:A:LYS:H	1:98:A:ILE:HD12	16	0.44
(9,810)	1:64:A:LYS:H	1:98:A:ILE:HD13	16	0.44
(9,750)	1:43:A:MET:HE1	1:134:A:VAL:H	17	0.44
(9,750)	1:43:A:MET:HE2	1:134:A:VAL:H	17	0.44
(9,750)	1:43:A:MET:HE3	1:134:A:VAL:H	17	0.44
(9,237)	1:10:A:ASN:H	1:13:A:ALA:HB1	12	0.44
(9,237)	1:10:A:ASN:H	1:13:A:ALA:HB2	12	0.44
(9,237)	1:10:A:ASN:H	1:13:A:ALA:HB3	12	0.44
(9,177)	1:8:A:ASP:H	1:58:A:ILE:HG13	3	0.44
(9,167)	1:94:A:ALA:HB1	1:95:A:ILE:H	9	0.44
(9,167)	1:94:A:ALA:HB2	1:95:A:ILE:H	9	0.44
(9,167)	1:94:A:ALA:HB3	1:95:A:ILE:H	9	0.44
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB1	18	0.44
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB2	18	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB3	18	0.44
(9,14)	1:64:A:LYS:H	1:64:A:LYS:HD2	9	0.44
(9,14)	1:64:A:LYS:H	1:64:A:LYS:HD3	9	0.44
(7,2268)	1:97:A:ASP:HA	1:105:A:LYS:HG2	13	0.44
(7,2268)	1:97:A:ASP:HA	1:105:A:LYS:HG3	13	0.44
(7,2266)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	19	0.44
(7,2266)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	19	0.44
(7,2266)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	19	0.44
(7,2266)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	19	0.44
(7,2266)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	19	0.44
(7,2266)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	19	0.44
(7,2266)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	19	0.44
(7,2266)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	19	0.44
(7,2266)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	19	0.44
(7,2266)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	19	0.44
(7,2266)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	19	0.44
(7,2266)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	19	0.44
(7,2197)	1:63:A:ILE:HG12	1:117:A:VAL:H	10	0.44
(7,2197)	1:63:A:ILE:HG13	1:117:A:VAL:H	10	0.44
(7,2194)	1:63:A:ILE:HG12	1:113:A:PHE:HE1	2	0.44
(7,2194)	1:63:A:ILE:HG12	1:113:A:PHE:HE2	2	0.44
(7,2194)	1:63:A:ILE:HG13	1:113:A:PHE:HE1	2	0.44
(7,2194)	1:63:A:ILE:HG13	1:113:A:PHE:HE2	2	0.44
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD11	13	0.44
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD12	13	0.44
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD13	13	0.44
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD21	13	0.44
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD22	13	0.44
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD23	13	0.44
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	19	0.44
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	19	0.44
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	19	0.44
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	19	0.44
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	19	0.44
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	19	0.44
(7,1785)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	16	0.44
(7,1785)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	16	0.44
(7,1785)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	16	0.44
(7,1785)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	16	0.44
(7,1785)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	16	0.44
(7,1785)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	16	0.44
(7,1741)	1:54:A:ARG:HA	1:57:A:LEU:HB3	19	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1663)	1:57:A:LEU:HB3	1:58:A:ILE:HD11	19	0.44
(7,1663)	1:57:A:LEU:HB3	1:58:A:ILE:HD12	19	0.44
(7,1663)	1:57:A:LEU:HB3	1:58:A:ILE:HD13	19	0.44
(7,1593)	1:149:A:ALA:HB1	1:151:A:PHE:HA	7	0.44
(7,1593)	1:149:A:ALA:HB2	1:151:A:PHE:HA	7	0.44
(7,1593)	1:149:A:ALA:HB3	1:151:A:PHE:HA	7	0.44
(7,1554)	1:101:A:ILE:HD11	1:112:A:GLN:HA	18	0.44
(7,1554)	1:101:A:ILE:HD12	1:112:A:GLN:HA	18	0.44
(7,1554)	1:101:A:ILE:HD13	1:112:A:GLN:HA	18	0.44
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE1	18	0.44
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE2	18	0.44
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE3	18	0.44
(7,1426)	1:50:A:ALA:HB1	1:130:A:GLY:H	1	0.44
(7,1426)	1:50:A:ALA:HB2	1:130:A:GLY:H	1	0.44
(7,1426)	1:50:A:ALA:HB3	1:130:A:GLY:H	1	0.44
(7,1426)	1:50:A:ALA:HB1	1:130:A:GLY:H	8	0.44
(7,1426)	1:50:A:ALA:HB2	1:130:A:GLY:H	8	0.44
(7,1426)	1:50:A:ALA:HB3	1:130:A:GLY:H	8	0.44
(7,1349)	1:21:A:THR:H	1:21:A:THR:HG21	6	0.44
(7,1349)	1:21:A:THR:H	1:21:A:THR:HG22	6	0.44
(7,1349)	1:21:A:THR:H	1:21:A:THR:HG23	6	0.44
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD21	3	0.44
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD22	3	0.44
(7,1150)	1:27:A:ARG:HA	1:30:A:LEU:HD23	3	0.44
(7,1092)	1:41:A:LYS:HA	1:44:A:GLU:HB2	7	0.44
(7,1092)	1:41:A:LYS:HA	1:44:A:GLU:HB3	7	0.44
(7,1003)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	10	0.44
(7,1003)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	10	0.44
(7,1003)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	10	0.44
(7,1003)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	10	0.44
(7,1003)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	10	0.44
(7,1003)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	10	0.44
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	7	0.44
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	7	0.44
(7,810)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	16	0.44
(7,810)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	16	0.44
(7,810)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	16	0.44
(7,810)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	16	0.44
(7,810)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	16	0.44
(7,810)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	16	0.44
(7,776)	1:63:A:ILE:HD11	1:64:A:LYS:H	6	0.44
(7,776)	1:63:A:ILE:HD12	1:64:A:LYS:H	6	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,776)	1:63:A:ILE:HD13	1:64:A:LYS:H	6	0.44
(7,772)	1:11:A:ILE:HD11	1:15:A:ALA:H	14	0.44
(7,772)	1:11:A:ILE:HD12	1:15:A:ALA:H	14	0.44
(7,772)	1:11:A:ILE:HD13	1:15:A:ALA:H	14	0.44
(7,682)	1:145:A:PRO:HB2	1:148:A:CYS:H	5	0.44
(7,629)	1:9:A:PHE:HZ	1:58:A:ILE:H	5	0.44
(7,292)	1:121:A:VAL:H	1:123:A:CYS:H	16	0.44
(7,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	14	0.44
(7,167)	1:94:A:ALA:HB1	1:95:A:ILE:H	9	0.44
(7,167)	1:94:A:ALA:HB2	1:95:A:ILE:H	9	0.44
(7,167)	1:94:A:ALA:HB3	1:95:A:ILE:H	9	0.44
(7,89)	1:96:A:VAL:H	1:97:A:ASP:H	2	0.44
(7,44)	1:44:A:GLU:HG2	1:47:A:ALA:H	2	0.44
(7,42)	1:44:A:GLU:HG3	1:47:A:ALA:H	18	0.44
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG2	8	0.44
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG3	8	0.44
(6,2293)	1:97:A:ASP:HA	1:105:A:LYS:HG2	13	0.44
(6,2293)	1:97:A:ASP:HA	1:105:A:LYS:HG3	13	0.44
(6,2254)	1:70:A:LYS:H	1:70:A:LYS:HD2	6	0.44
(6,2254)	1:70:A:LYS:H	1:70:A:LYS:HD3	6	0.44
(6,2223)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	14	0.44
(6,2223)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	14	0.44
(6,2223)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	14	0.44
(6,2223)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	14	0.44
(6,2223)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	14	0.44
(6,2223)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	14	0.44
(6,2143)	1:43:A:MET:HB2	1:140:A:LEU:HG	16	0.44
(6,2143)	1:43:A:MET:HB3	1:140:A:LEU:HG	16	0.44
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG11	4	0.44
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG12	4	0.44
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG13	4	0.44
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG21	4	0.44
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG22	4	0.44
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG23	4	0.44
(6,1915)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	14	0.44
(6,1915)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	14	0.44
(6,1884)	1:14:A:VAL:HA	1:18:A:PHE:HD1	19	0.44
(6,1884)	1:14:A:VAL:HA	1:18:A:PHE:HD2	19	0.44
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB1	18	0.44
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB2	18	0.44
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB3	18	0.44
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB1	18	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB2	18	0.44
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB3	18	0.44
(6,1852)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	8	0.44
(6,1852)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	8	0.44
(6,1852)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	8	0.44
(6,1852)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	8	0.44
(6,1852)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	8	0.44
(6,1852)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	8	0.44
(6,1823)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	14	0.44
(6,1823)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	14	0.44
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	18	0.44
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	18	0.44
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	18	0.44
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	18	0.44
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	18	0.44
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	18	0.44
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD21	4	0.44
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD22	4	0.44
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD23	4	0.44
(6,1585)	1:98:A:ILE:HG21	1:116:A:GLN:H	6	0.44
(6,1585)	1:98:A:ILE:HG22	1:116:A:GLN:H	6	0.44
(6,1585)	1:98:A:ILE:HG23	1:116:A:GLN:H	6	0.44
(6,1522)	1:110:A:MET:HE1	1:113:A:PHE:HA	19	0.44
(6,1522)	1:110:A:MET:HE2	1:113:A:PHE:HA	19	0.44
(6,1522)	1:110:A:MET:HE3	1:113:A:PHE:HA	19	0.44
(6,1360)	1:21:A:THR:H	1:21:A:THR:HG21	6	0.44
(6,1360)	1:21:A:THR:H	1:21:A:THR:HG22	6	0.44
(6,1360)	1:21:A:THR:H	1:21:A:THR:HG23	6	0.44
(6,1319)	1:107:A:LEU:HA	1:108:A:GLU:HG2	8	0.44
(6,1223)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	18	0.44
(6,1223)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	18	0.44
(6,1223)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	18	0.44
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD11	18	0.44
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD12	18	0.44
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD13	18	0.44
(6,1029)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	3	0.44
(6,1029)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	3	0.44
(6,1029)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	3	0.44
(6,1029)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	3	0.44
(6,1029)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	3	0.44
(6,1029)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	3	0.44
(6,1029)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	6	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1029)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	6	0.44
(6,1029)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	6	0.44
(6,1029)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	6	0.44
(6,1029)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	6	0.44
(6,1029)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	6	0.44
(6,980)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	16	0.44
(6,980)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	16	0.44
(6,980)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	16	0.44
(6,979)	1:31:A:PRO:HB2	1:144:A:LEU:HB3	13	0.44
(6,979)	1:31:A:PRO:HB3	1:144:A:LEU:HB3	13	0.44
(6,953)	1:138:A:ASP:HA	1:141:A:LYS:HB2	14	0.44
(6,953)	1:138:A:ASP:HA	1:141:A:LYS:HB3	14	0.44
(6,934)	1:67:A:PRO:HA	1:70:A:LYS:HB2	9	0.44
(6,934)	1:67:A:PRO:HA	1:70:A:LYS:HB3	9	0.44
(6,832)	1:48:A:ARG:HD2	1:49:A:LYS:H	19	0.44
(6,832)	1:48:A:ARG:HD3	1:49:A:LYS:H	19	0.44
(6,815)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	16	0.44
(6,815)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	16	0.44
(6,815)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	16	0.44
(6,815)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	16	0.44
(6,815)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	16	0.44
(6,815)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	16	0.44
(6,807)	1:64:A:LYS:H	1:98:A:ILE:HD11	16	0.44
(6,807)	1:64:A:LYS:H	1:98:A:ILE:HD12	16	0.44
(6,807)	1:64:A:LYS:H	1:98:A:ILE:HD13	16	0.44
(6,742)	1:147:A:ARG:HA	1:147:A:ARG:HE	1	0.44
(6,718)	1:46:A:ASN:HA	1:50:A:ALA:H	8	0.44
(6,307)	1:64:A:LYS:HD2	1:65:A:CYS:H	5	0.44
(6,307)	1:64:A:LYS:HD3	1:65:A:CYS:H	5	0.44
(6,217)	1:44:A:GLU:HG2	1:48:A:ARG:H	14	0.44
(6,173)	1:8:A:ASP:H	1:58:A:ILE:HG13	3	0.44
(6,165)	1:94:A:ALA:HB1	1:95:A:ILE:H	9	0.44
(6,165)	1:94:A:ALA:HB2	1:95:A:ILE:H	9	0.44
(6,165)	1:94:A:ALA:HB3	1:95:A:ILE:H	9	0.44
(6,131)	1:11:A:ILE:HG13	1:12:A:VAL:H	9	0.44
(6,15)	1:64:A:LYS:H	1:64:A:LYS:HD2	9	0.44
(6,15)	1:64:A:LYS:H	1:64:A:LYS:HD3	9	0.44
(5,2479)	1:146:A:GLN:HG2	1:148:A:CYS:H	9	0.44
(5,2479)	1:146:A:GLN:HG3	1:148:A:CYS:H	9	0.44
(5,2321)	1:106:A:ASP:H	1:107:A:LEU:HD11	11	0.44
(5,2321)	1:106:A:ASP:H	1:107:A:LEU:HD12	11	0.44
(5,2321)	1:106:A:ASP:H	1:107:A:LEU:HD13	11	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2321)	1:106:A:ASP:H	1:107:A:LEU:HD21	11	0.44
(5,2321)	1:106:A:ASP:H	1:107:A:LEU:HD22	11	0.44
(5,2321)	1:106:A:ASP:H	1:107:A:LEU:HD23	11	0.44
(5,2264)	1:73:A:ILE:HG21	1:109:A:PRO:HD2	7	0.44
(5,2264)	1:73:A:ILE:HG21	1:109:A:PRO:HD3	7	0.44
(5,2264)	1:73:A:ILE:HG22	1:109:A:PRO:HD2	7	0.44
(5,2264)	1:73:A:ILE:HG22	1:109:A:PRO:HD3	7	0.44
(5,2264)	1:73:A:ILE:HG23	1:109:A:PRO:HD2	7	0.44
(5,2264)	1:73:A:ILE:HG23	1:109:A:PRO:HD3	7	0.44
(5,2251)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	6	0.44
(5,2251)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	6	0.44
(5,2251)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	6	0.44
(5,2251)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	6	0.44
(5,2195)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	3	0.44
(5,2195)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	3	0.44
(5,2135)	1:43:A:MET:H	1:43:A:MET:HG2	19	0.44
(5,2135)	1:43:A:MET:H	1:43:A:MET:HG3	19	0.44
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD11	6	0.44
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD12	6	0.44
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD13	6	0.44
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD21	6	0.44
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD22	6	0.44
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD23	6	0.44
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	2	0.44
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	2	0.44
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	2	0.44
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	2	0.44
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	2	0.44
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	2	0.44
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	2	0.44
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	2	0.44
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	2	0.44
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	2	0.44
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	2	0.44
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	2	0.44
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD11	8	0.44
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD12	8	0.44
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD13	8	0.44
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD21	8	0.44
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD22	8	0.44
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD23	8	0.44
(5,1935)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	11	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1928)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	14	0.44
(5,1928)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	14	0.44
(5,1893)	1:9:A:PHE:HE1	1:14:A:VAL:HB	12	0.44
(5,1893)	1:9:A:PHE:HE2	1:14:A:VAL:HB	12	0.44
(5,1786)	1:141:A:LYS:HA	1:148:A:CYS:H	11	0.44
(5,1748)	1:150:A:THR:HG21	1:151:A:PHE:HA	19	0.44
(5,1748)	1:150:A:THR:HG22	1:151:A:PHE:HA	19	0.44
(5,1748)	1:150:A:THR:HG23	1:151:A:PHE:HA	19	0.44
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB2	2	0.44
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB3	2	0.44
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	4	0.44
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	4	0.44
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	4	0.44
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	4	0.44
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	4	0.44
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	4	0.44
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	4	0.44
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	4	0.44
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	4	0.44
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	7	0.44
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	7	0.44
(5,1672)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	7	0.44
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	7	0.44
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	7	0.44
(5,1672)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	7	0.44
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	7	0.44
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	7	0.44
(5,1672)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	7	0.44
(5,1609)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	14	0.44
(5,1609)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	14	0.44
(5,1609)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	14	0.44
(5,1577)	1:9:A:PHE:HB2	1:14:A:VAL:HG21	19	0.44
(5,1577)	1:9:A:PHE:HB2	1:14:A:VAL:HG22	19	0.44
(5,1577)	1:9:A:PHE:HB2	1:14:A:VAL:HG23	19	0.44
(5,1343)	1:107:A:LEU:HA	1:108:A:GLU:HG2	8	0.44
(5,1334)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	13	0.44
(5,1334)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	13	0.44
(5,1334)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	13	0.44
(5,1334)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	13	0.44
(5,1334)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	13	0.44
(5,1334)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	13	0.44
(5,1334)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	13	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1334)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	13	0.44
(5,1334)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	13	0.44
(5,1129)	1:105:A:LYS:HA	1:105:A:LYS:HG2	6	0.44
(5,1129)	1:105:A:LYS:HA	1:105:A:LYS:HG2	8	0.44
(5,1129)	1:105:A:LYS:HA	1:105:A:LYS:HG2	11	0.44
(5,1129)	1:105:A:LYS:HA	1:105:A:LYS:HG2	18	0.44
(5,1129)	1:105:A:LYS:HA	1:105:A:LYS:HG2	19	0.44
(5,1080)	1:54:A:ARG:HA	1:57:A:LEU:HB3	19	0.44
(5,960)	1:11:A:ILE:HG12	1:43:A:MET:HB2	19	0.44
(5,859)	1:39:A:VAL:H	1:139:A:LEU:HB2	4	0.44
(5,859)	1:39:A:VAL:H	1:139:A:LEU:HB3	4	0.44
(5,858)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	12	0.44
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD11	4	0.44
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD12	4	0.44
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD13	4	0.44
(5,780)	1:11:A:ILE:HD11	1:15:A:ALA:H	14	0.44
(5,780)	1:11:A:ILE:HD12	1:15:A:ALA:H	14	0.44
(5,780)	1:11:A:ILE:HD13	1:15:A:ALA:H	14	0.44
(5,367)	1:41:A:LYS:H	1:44:A:GLU:HG3	14	0.44
(5,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	13	0.44
(5,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	13	0.44
(5,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	14	0.44
(5,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	14	0.44
(5,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	19	0.44
(5,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	19	0.44
(5,15)	1:64:A:LYS:H	1:64:A:LYS:HD2	9	0.44
(5,15)	1:64:A:LYS:H	1:64:A:LYS:HD3	9	0.44
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD21	11	0.44
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD22	11	0.44
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD23	11	0.44
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD21	11	0.44
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD22	11	0.44
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD23	11	0.44
(4,2287)	1:97:A:ASP:HA	1:105:A:LYS:HG2	13	0.44
(4,2287)	1:97:A:ASP:HA	1:105:A:LYS:HG3	13	0.44
(4,2284)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	19	0.44
(4,2284)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	19	0.44
(4,2284)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	19	0.44
(4,2284)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	19	0.44
(4,2284)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	19	0.44
(4,2284)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	19	0.44
(4,2284)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	19	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2284)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	19	0.44
(4,2284)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	19	0.44
(4,2284)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	19	0.44
(4,2284)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	19	0.44
(4,2284)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	19	0.44
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG11	4	0.44
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG12	4	0.44
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG13	4	0.44
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG21	4	0.44
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG22	4	0.44
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG23	4	0.44
(4,2244)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	6	0.44
(4,2244)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	6	0.44
(4,2244)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	6	0.44
(4,2244)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	6	0.44
(4,2211)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	14	0.44
(4,2211)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	14	0.44
(4,2211)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	14	0.44
(4,2211)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	14	0.44
(4,2211)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	14	0.44
(4,2211)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	14	0.44
(4,2126)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	18	0.44
(4,2126)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	18	0.44
(4,2126)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	18	0.44
(4,2126)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	18	0.44
(4,2126)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	18	0.44
(4,2126)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	18	0.44
(4,2126)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	18	0.44
(4,2126)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	18	0.44
(4,2126)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	18	0.44
(4,2126)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	18	0.44
(4,2126)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	18	0.44
(4,2126)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	18	0.44
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	2	0.44
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	2	0.44
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	2	0.44
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	2	0.44
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	2	0.44
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	2	0.44
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	2	0.44
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	2	0.44
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	2	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	2	0.44
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	2	0.44
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	2	0.44
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD11	18	0.44
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD12	18	0.44
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD13	18	0.44
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD21	18	0.44
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD22	18	0.44
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD23	18	0.44
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG11	4	0.44
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG12	4	0.44
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG13	4	0.44
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG21	4	0.44
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG22	4	0.44
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG23	4	0.44
(4,1979)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	3	0.44
(4,1979)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	3	0.44
(4,1979)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	3	0.44
(4,1979)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	3	0.44
(4,1979)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	3	0.44
(4,1979)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	3	0.44
(4,1979)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	3	0.44
(4,1979)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	3	0.44
(4,1979)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	3	0.44
(4,1979)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	3	0.44
(4,1979)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	3	0.44
(4,1979)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	3	0.44
(4,1935)	1:11:A:ILE:HB	1:40:A:LEU:HD11	19	0.44
(4,1935)	1:11:A:ILE:HB	1:40:A:LEU:HD12	19	0.44
(4,1935)	1:11:A:ILE:HB	1:40:A:LEU:HD13	19	0.44
(4,1935)	1:11:A:ILE:HB	1:40:A:LEU:HD21	19	0.44
(4,1935)	1:11:A:ILE:HB	1:40:A:LEU:HD22	19	0.44
(4,1935)	1:11:A:ILE:HB	1:40:A:LEU:HD23	19	0.44
(4,1866)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	10	0.44
(4,1866)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	10	0.44
(4,1866)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	10	0.44
(4,1843)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	1	0.44
(4,1843)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	1	0.44
(4,1799)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	10	0.44
(4,1799)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	10	0.44
(4,1799)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	10	0.44
(4,1799)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	10	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1799)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	10	0.44
(4,1799)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	10	0.44
(4,1759)	1:54:A:ARG:HA	1:57:A:LEU:HB3	19	0.44
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD21	4	0.44
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD22	4	0.44
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD23	4	0.44
(4,1743)	1:141:A:LYS:HA	1:149:A:ALA:H	10	0.44
(4,1566)	1:98:A:ILE:HG21	1:116:A:GLN:H	6	0.44
(4,1566)	1:98:A:ILE:HG22	1:116:A:GLN:H	6	0.44
(4,1566)	1:98:A:ILE:HG23	1:116:A:GLN:H	6	0.44
(4,1515)	1:69:A:MET:HE1	1:76:A:ARG:HG2	2	0.44
(4,1515)	1:69:A:MET:HE1	1:76:A:ARG:HG3	2	0.44
(4,1515)	1:69:A:MET:HE2	1:76:A:ARG:HG2	2	0.44
(4,1515)	1:69:A:MET:HE2	1:76:A:ARG:HG3	2	0.44
(4,1515)	1:69:A:MET:HE3	1:76:A:ARG:HG2	2	0.44
(4,1515)	1:69:A:MET:HE3	1:76:A:ARG:HG3	2	0.44
(4,1515)	1:69:A:MET:HE1	1:76:A:ARG:HG2	8	0.44
(4,1515)	1:69:A:MET:HE1	1:76:A:ARG:HG3	8	0.44
(4,1515)	1:69:A:MET:HE2	1:76:A:ARG:HG2	8	0.44
(4,1515)	1:69:A:MET:HE2	1:76:A:ARG:HG3	8	0.44
(4,1515)	1:69:A:MET:HE3	1:76:A:ARG:HG2	8	0.44
(4,1515)	1:69:A:MET:HE3	1:76:A:ARG:HG3	8	0.44
(4,1507)	1:110:A:MET:HE1	1:113:A:PHE:HA	19	0.44
(4,1507)	1:110:A:MET:HE2	1:113:A:PHE:HA	19	0.44
(4,1507)	1:110:A:MET:HE3	1:113:A:PHE:HA	19	0.44
(4,1441)	1:13:A:ALA:HB1	1:79:A:THR:HB	6	0.44
(4,1441)	1:13:A:ALA:HB2	1:79:A:THR:HB	6	0.44
(4,1441)	1:13:A:ALA:HB3	1:79:A:THR:HB	6	0.44
(4,1379)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	15	0.44
(4,1379)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	15	0.44
(4,1379)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	15	0.44
(4,1345)	1:21:A:THR:H	1:21:A:THR:HG21	6	0.44
(4,1345)	1:21:A:THR:H	1:21:A:THR:HG22	6	0.44
(4,1345)	1:21:A:THR:H	1:21:A:THR:HG23	6	0.44
(4,1306)	1:107:A:LEU:HA	1:108:A:GLU:HG2	8	0.44
(4,1286)	1:66:A:THR:HG21	1:96:A:VAL:HB	18	0.44
(4,1286)	1:66:A:THR:HG22	1:96:A:VAL:HB	18	0.44
(4,1286)	1:66:A:THR:HG23	1:96:A:VAL:HB	18	0.44
(4,1274)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	1	0.44
(4,1274)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	1	0.44
(4,1274)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	1	0.44
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD11	14	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD12	14	0.44
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD13	14	0.44
(4,978)	1:114:A:ILE:HA	1:117:A:VAL:HB	15	0.44
(4,918)	1:125:A:THR:HB	1:128:A:LEU:HG	12	0.44
(4,837)	1:48:A:ARG:HD2	1:49:A:LYS:H	19	0.44
(4,837)	1:48:A:ARG:HD3	1:49:A:LYS:H	19	0.44
(4,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	16	0.44
(4,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	16	0.44
(4,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	16	0.44
(4,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	16	0.44
(4,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	16	0.44
(4,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	16	0.44
(4,807)	1:64:A:LYS:H	1:98:A:ILE:HD11	16	0.44
(4,807)	1:64:A:LYS:H	1:98:A:ILE:HD12	16	0.44
(4,807)	1:64:A:LYS:H	1:98:A:ILE:HD13	16	0.44
(4,805)	1:98:A:ILE:HD11	1:100:A:ALA:H	6	0.44
(4,805)	1:98:A:ILE:HD12	1:100:A:ALA:H	6	0.44
(4,805)	1:98:A:ILE:HD13	1:100:A:ALA:H	6	0.44
(4,773)	1:11:A:ILE:HD11	1:15:A:ALA:H	14	0.44
(4,773)	1:11:A:ILE:HD12	1:15:A:ALA:H	14	0.44
(4,773)	1:11:A:ILE:HD13	1:15:A:ALA:H	14	0.44
(4,739)	1:147:A:ARG:HA	1:147:A:ARG:HE	1	0.44
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB2	16	0.44
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB3	16	0.44
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB2	17	0.44
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB3	17	0.44
(4,304)	1:64:A:LYS:HD2	1:65:A:CYS:H	7	0.44
(4,304)	1:64:A:LYS:HD3	1:65:A:CYS:H	7	0.44
(4,50)	1:44:A:GLU:HG2	1:47:A:ALA:H	2	0.44
(4,48)	1:44:A:GLU:HG3	1:47:A:ALA:H	18	0.44
(4,43)	1:98:A:ILE:H	1:104:A:PHE:HB2	15	0.44
(3,2324)	1:97:A:ASP:HA	1:105:A:LYS:HG2	13	0.44
(3,2324)	1:97:A:ASP:HA	1:105:A:LYS:HG3	13	0.44
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	9	0.44
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	9	0.44
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	9	0.44
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	9	0.44
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	9	0.44
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	9	0.44
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	9	0.44
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	9	0.44
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	9	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	9	0.44
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	9	0.44
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	9	0.44
(3,2321)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	19	0.44
(3,2321)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	19	0.44
(3,2321)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	19	0.44
(3,2321)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	19	0.44
(3,2321)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	19	0.44
(3,2321)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	19	0.44
(3,2321)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	19	0.44
(3,2321)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	19	0.44
(3,2321)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	19	0.44
(3,2321)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	19	0.44
(3,2321)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	19	0.44
(3,2321)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	19	0.44
(3,2306)	1:79:A:THR:HG21	1:81:A:GLU:HB2	2	0.44
(3,2306)	1:79:A:THR:HG21	1:81:A:GLU:HB3	2	0.44
(3,2306)	1:79:A:THR:HG22	1:81:A:GLU:HB2	2	0.44
(3,2306)	1:79:A:THR:HG22	1:81:A:GLU:HB3	2	0.44
(3,2306)	1:79:A:THR:HG23	1:81:A:GLU:HB2	2	0.44
(3,2306)	1:79:A:THR:HG23	1:81:A:GLU:HB3	2	0.44
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD11	13	0.44
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD12	13	0.44
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD13	13	0.44
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD21	13	0.44
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD22	13	0.44
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD23	13	0.44
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	2	0.44
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	2	0.44
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	2	0.44
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	2	0.44
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	2	0.44
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	2	0.44
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	2	0.44
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	2	0.44
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	2	0.44
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	2	0.44
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	2	0.44
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	2	0.44
(3,2076)	1:29:A:LYS:HB2	1:30:A:LEU:HD11	19	0.44
(3,2076)	1:29:A:LYS:HB2	1:30:A:LEU:HD12	19	0.44
(3,2076)	1:29:A:LYS:HB2	1:30:A:LEU:HD13	19	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2076)	1:29:A:LYS:HB2	1:30:A:LEU:HD21	19	0.44
(3,2076)	1:29:A:LYS:HB2	1:30:A:LEU:HD22	19	0.44
(3,2076)	1:29:A:LYS:HB2	1:30:A:LEU:HD23	19	0.44
(3,2076)	1:29:A:LYS:HB3	1:30:A:LEU:HD11	19	0.44
(3,2076)	1:29:A:LYS:HB3	1:30:A:LEU:HD12	19	0.44
(3,2076)	1:29:A:LYS:HB3	1:30:A:LEU:HD13	19	0.44
(3,2076)	1:29:A:LYS:HB3	1:30:A:LEU:HD21	19	0.44
(3,2076)	1:29:A:LYS:HB3	1:30:A:LEU:HD22	19	0.44
(3,2076)	1:29:A:LYS:HB3	1:30:A:LEU:HD23	19	0.44
(3,1949)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	16	0.44
(3,1949)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	16	0.44
(3,1696)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	2	0.44
(3,1696)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	2	0.44
(3,1689)	1:69:A:MET:HE1	1:116:A:GLN:HG3	6	0.44
(3,1689)	1:69:A:MET:HE2	1:116:A:GLN:HG3	6	0.44
(3,1689)	1:69:A:MET:HE3	1:116:A:GLN:HG3	6	0.44
(3,1618)	1:98:A:ILE:HG21	1:116:A:GLN:H	6	0.44
(3,1618)	1:98:A:ILE:HG22	1:116:A:GLN:H	6	0.44
(3,1618)	1:98:A:ILE:HG23	1:116:A:GLN:H	6	0.44
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	11	0.44
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	11	0.44
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	11	0.44
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	11	0.44
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	11	0.44
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	11	0.44
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD21	12	0.44
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD22	12	0.44
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD23	12	0.44
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE1	19	0.44
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE2	19	0.44
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE3	19	0.44
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE1	19	0.44
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE2	19	0.44
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE3	19	0.44
(3,1533)	1:98:A:ILE:HG21	1:101:A:ILE:HB	19	0.44
(3,1533)	1:98:A:ILE:HG22	1:101:A:ILE:HB	19	0.44
(3,1533)	1:98:A:ILE:HG23	1:101:A:ILE:HB	19	0.44
(3,1481)	1:13:A:ALA:HB1	1:78:A:HIS:HA	19	0.44
(3,1481)	1:13:A:ALA:HB2	1:78:A:HIS:HA	19	0.44
(3,1481)	1:13:A:ALA:HB3	1:78:A:HIS:HA	19	0.44
(3,1276)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	19	0.44
(3,1276)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	19	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1276)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	19	0.44
(3,1276)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	19	0.44
(3,1276)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	19	0.44
(3,1276)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	19	0.44
(3,1276)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	19	0.44
(3,1276)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	19	0.44
(3,1276)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	19	0.44
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD21	2	0.44
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD22	2	0.44
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD23	2	0.44
(3,1245)	1:34:A:LYS:H	1:81:A:GLU:HA	13	0.44
(3,1010)	1:35:A:LEU:HG	1:143:A:TRP:HB3	1	0.44
(3,980)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	18	0.44
(3,980)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	18	0.44
(3,857)	1:48:A:ARG:HD2	1:49:A:LYS:H	19	0.44
(3,857)	1:48:A:ARG:HD3	1:49:A:LYS:H	19	0.44
(3,821)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	4	0.44
(3,821)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	4	0.44
(3,821)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	4	0.44
(3,811)	1:11:A:ILE:HD11	1:43:A:MET:HG2	11	0.44
(3,811)	1:11:A:ILE:HD12	1:43:A:MET:HG2	11	0.44
(3,811)	1:11:A:ILE:HD13	1:43:A:MET:HG2	11	0.44
(3,795)	1:11:A:ILE:HD11	1:15:A:ALA:H	14	0.44
(3,795)	1:11:A:ILE:HD12	1:15:A:ALA:H	14	0.44
(3,795)	1:11:A:ILE:HD13	1:15:A:ALA:H	14	0.44
(3,778)	1:101:A:ILE:HD11	1:118:A:ASP:HB3	1	0.44
(3,778)	1:101:A:ILE:HD12	1:118:A:ASP:HB3	1	0.44
(3,778)	1:101:A:ILE:HD13	1:118:A:ASP:HB3	1	0.44
(3,774)	1:12:A:VAL:H	1:40:A:LEU:HD21	11	0.44
(3,774)	1:12:A:VAL:H	1:40:A:LEU:HD22	11	0.44
(3,774)	1:12:A:VAL:H	1:40:A:LEU:HD23	11	0.44
(3,638)	1:9:A:PHE:HZ	1:58:A:ILE:H	5	0.44
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB2	16	0.44
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB3	16	0.44
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB2	17	0.44
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB3	17	0.44
(3,586)	1:126:A:GLY:H	1:128:A:LEU:HG	5	0.44
(3,555)	1:73:A:ILE:HD11	1:110:A:MET:H	14	0.44
(3,555)	1:73:A:ILE:HD12	1:110:A:MET:H	14	0.44
(3,555)	1:73:A:ILE:HD13	1:110:A:MET:H	14	0.44
(3,397)	1:105:A:LYS:HD2	1:106:A:ASP:H	2	0.44
(3,397)	1:105:A:LYS:HD3	1:106:A:ASP:H	2	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,242)	1:23:A:LEU:HD11	1:24:A:ASP:H	5	0.44
(3,242)	1:23:A:LEU:HD12	1:24:A:ASP:H	5	0.44
(3,242)	1:23:A:LEU:HD13	1:24:A:ASP:H	5	0.44
(3,242)	1:23:A:LEU:HD11	1:24:A:ASP:H	10	0.44
(3,242)	1:23:A:LEU:HD12	1:24:A:ASP:H	10	0.44
(3,242)	1:23:A:LEU:HD13	1:24:A:ASP:H	10	0.44
(3,233)	1:10:A:ASN:H	1:13:A:ALA:HB1	12	0.44
(3,233)	1:10:A:ASN:H	1:13:A:ALA:HB2	12	0.44
(3,233)	1:10:A:ASN:H	1:13:A:ALA:HB3	12	0.44
(3,165)	1:94:A:ALA:HB1	1:95:A:ILE:H	9	0.44
(3,165)	1:94:A:ALA:HB2	1:95:A:ILE:H	9	0.44
(3,165)	1:94:A:ALA:HB3	1:95:A:ILE:H	9	0.44
(3,17)	1:64:A:LYS:H	1:64:A:LYS:HD2	9	0.44
(3,17)	1:64:A:LYS:H	1:64:A:LYS:HD3	9	0.44
(2,2343)	1:106:A:ASP:H	1:107:A:LEU:HD11	11	0.44
(2,2343)	1:106:A:ASP:H	1:107:A:LEU:HD12	11	0.44
(2,2343)	1:106:A:ASP:H	1:107:A:LEU:HD13	11	0.44
(2,2343)	1:106:A:ASP:H	1:107:A:LEU:HD21	11	0.44
(2,2343)	1:106:A:ASP:H	1:107:A:LEU:HD22	11	0.44
(2,2343)	1:106:A:ASP:H	1:107:A:LEU:HD23	11	0.44
(2,2312)	1:97:A:ASP:HA	1:105:A:LYS:HG2	13	0.44
(2,2312)	1:97:A:ASP:HA	1:105:A:LYS:HG3	13	0.44
(2,2311)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	19	0.44
(2,2311)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	19	0.44
(2,2311)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	19	0.44
(2,2311)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	19	0.44
(2,2311)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	19	0.44
(2,2311)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	19	0.44
(2,2311)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	19	0.44
(2,2311)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	19	0.44
(2,2311)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	19	0.44
(2,2311)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	19	0.44
(2,2311)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	19	0.44
(2,2311)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	19	0.44
(2,2276)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	6	0.44
(2,2276)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	6	0.44
(2,2276)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	6	0.44
(2,2276)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	6	0.44
(2,2228)	1:60:A:LEU:HD11	1:61:A:SER:HB2	4	0.44
(2,2228)	1:60:A:LEU:HD11	1:61:A:SER:HB3	4	0.44
(2,2228)	1:60:A:LEU:HD12	1:61:A:SER:HB2	4	0.44
(2,2228)	1:60:A:LEU:HD12	1:61:A:SER:HB3	4	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2228)	1:60:A:LEU:HD13	1:61:A:SER:HB2	4	0.44
(2,2228)	1:60:A:LEU:HD13	1:61:A:SER:HB3	4	0.44
(2,2227)	1:60:A:LEU:HG	1:61:A:SER:HB2	4	0.44
(2,2227)	1:60:A:LEU:HG	1:61:A:SER:HB3	4	0.44
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG11	3	0.44
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG12	3	0.44
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG13	3	0.44
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG21	3	0.44
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG22	3	0.44
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG23	3	0.44
(2,2166)	1:44:A:GLU:H	1:44:A:GLU:HG2	4	0.44
(2,2166)	1:44:A:GLU:H	1:44:A:GLU:HG3	4	0.44
(2,2081)	1:34:A:LYS:H	1:81:A:GLU:HB2	8	0.44
(2,2081)	1:34:A:LYS:H	1:81:A:GLU:HB3	8	0.44
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	2	0.44
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	2	0.44
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	2	0.44
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	2	0.44
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	2	0.44
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	2	0.44
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	2	0.44
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	2	0.44
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	2	0.44
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	2	0.44
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	2	0.44
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	2	0.44
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD11	3	0.44
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD12	3	0.44
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD13	3	0.44
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD21	3	0.44
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD22	3	0.44
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD23	3	0.44
(2,1964)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	16	0.44
(2,1964)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	16	0.44
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	8	0.44
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	8	0.44
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	8	0.44
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	8	0.44
(2,1781)	1:141:A:LYS:HA	1:149:A:ALA:H	10	0.44
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB2	2	0.44
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB3	2	0.44
(2,1674)	1:69:A:MET:HE1	1:117:A:VAL:HG21	2	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1674)	1:69:A:MET:HE1	1:117:A:VAL:HG22	2	0.44
(2,1674)	1:69:A:MET:HE1	1:117:A:VAL:HG23	2	0.44
(2,1674)	1:69:A:MET:HE2	1:117:A:VAL:HG21	2	0.44
(2,1674)	1:69:A:MET:HE2	1:117:A:VAL:HG22	2	0.44
(2,1674)	1:69:A:MET:HE2	1:117:A:VAL:HG23	2	0.44
(2,1674)	1:69:A:MET:HE3	1:117:A:VAL:HG21	2	0.44
(2,1674)	1:69:A:MET:HE3	1:117:A:VAL:HG22	2	0.44
(2,1674)	1:69:A:MET:HE3	1:117:A:VAL:HG23	2	0.44
(2,1600)	1:98:A:ILE:HG21	1:116:A:GLN:H	6	0.44
(2,1600)	1:98:A:ILE:HG22	1:116:A:GLN:H	6	0.44
(2,1600)	1:98:A:ILE:HG23	1:116:A:GLN:H	6	0.44
(2,1562)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	6	0.44
(2,1562)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	6	0.44
(2,1562)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	6	0.44
(2,1467)	1:13:A:ALA:HB1	1:79:A:THR:HB	6	0.44
(2,1467)	1:13:A:ALA:HB2	1:79:A:THR:HB	6	0.44
(2,1467)	1:13:A:ALA:HB3	1:79:A:THR:HB	6	0.44
(2,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	14	0.44
(2,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	14	0.44
(2,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	14	0.44
(2,1370)	1:21:A:THR:H	1:21:A:THR:HG21	6	0.44
(2,1370)	1:21:A:THR:H	1:21:A:THR:HG22	6	0.44
(2,1370)	1:21:A:THR:H	1:21:A:THR:HG23	6	0.44
(2,1250)	1:23:A:LEU:HD11	1:24:A:ASP:H	15	0.44
(2,1250)	1:23:A:LEU:HD12	1:24:A:ASP:H	15	0.44
(2,1250)	1:23:A:LEU:HD13	1:24:A:ASP:H	15	0.44
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD11	14	0.44
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD12	14	0.44
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD13	14	0.44
(2,1194)	1:140:A:LEU:HA	1:144:A:LEU:HD21	5	0.44
(2,1194)	1:140:A:LEU:HA	1:144:A:LEU:HD22	5	0.44
(2,1194)	1:140:A:LEU:HA	1:144:A:LEU:HD23	5	0.44
(2,1065)	1:54:A:ARG:HA	1:57:A:LEU:HB3	19	0.44
(2,1038)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	3	0.44
(2,1038)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	3	0.44
(2,1038)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	3	0.44
(2,1038)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	3	0.44
(2,1038)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	3	0.44
(2,1038)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	3	0.44
(2,1038)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	6	0.44
(2,1038)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	6	0.44
(2,1038)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	6	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1038)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	6	0.44
(2,1038)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	6	0.44
(2,1038)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	6	0.44
(2,987)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	16	0.44
(2,987)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	16	0.44
(2,987)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	16	0.44
(2,914)	1:125:A:THR:HB	1:129:A:LYS:HG2	8	0.44
(2,837)	1:8:A:ASP:H	1:54:A:ARG:HD2	16	0.44
(2,837)	1:8:A:ASP:H	1:54:A:ARG:HD3	16	0.44
(2,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	16	0.44
(2,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	16	0.44
(2,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	16	0.44
(2,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	16	0.44
(2,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	16	0.44
(2,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	16	0.44
(2,808)	1:64:A:LYS:H	1:98:A:ILE:HD11	16	0.44
(2,808)	1:64:A:LYS:H	1:98:A:ILE:HD12	16	0.44
(2,808)	1:64:A:LYS:H	1:98:A:ILE:HD13	16	0.44
(2,777)	1:11:A:ILE:HD11	1:15:A:ALA:H	14	0.44
(2,777)	1:11:A:ILE:HD12	1:15:A:ALA:H	14	0.44
(2,777)	1:11:A:ILE:HD13	1:15:A:ALA:H	14	0.44
(2,685)	1:145:A:PRO:HB3	1:148:A:CYS:H	5	0.44
(2,308)	1:64:A:LYS:HD2	1:65:A:CYS:H	5	0.44
(2,308)	1:64:A:LYS:HD3	1:65:A:CYS:H	5	0.44
(2,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	6	0.44
(2,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	6	0.44
(2,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	6	0.44
(2,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	19	0.44
(2,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	19	0.44
(2,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	19	0.44
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD11	11	0.44
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD12	11	0.44
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD13	11	0.44
(2,164)	1:94:A:ALA:HB1	1:95:A:ILE:H	9	0.44
(2,164)	1:94:A:ALA:HB2	1:95:A:ILE:H	9	0.44
(2,164)	1:94:A:ALA:HB3	1:95:A:ILE:H	9	0.44
(2,92)	1:95:A:ILE:HG21	1:97:A:ASP:H	3	0.44
(2,92)	1:95:A:ILE:HG22	1:97:A:ASP:H	3	0.44
(2,92)	1:95:A:ILE:HG23	1:97:A:ASP:H	3	0.44
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG12	7	0.44
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG13	7	0.44
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG12	7	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG13	7	0.44
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG12	7	0.44
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG13	7	0.44
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG12	9	0.44
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG13	9	0.44
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG12	9	0.44
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG13	9	0.44
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG12	9	0.44
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG13	9	0.44
(1,2271)	1:97:A:ASP:HA	1:105:A:LYS:HG2	13	0.44
(1,2271)	1:97:A:ASP:HA	1:105:A:LYS:HG3	13	0.44
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	9	0.44
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	9	0.44
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	9	0.44
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	9	0.44
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	9	0.44
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	9	0.44
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	9	0.44
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	9	0.44
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	9	0.44
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	9	0.44
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	9	0.44
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	9	0.44
(1,2210)	1:65:A:CYS:HB2	1:70:A:LYS:HA	11	0.44
(1,2210)	1:65:A:CYS:HB3	1:70:A:LYS:HA	11	0.44
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD11	2	0.44
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD12	2	0.44
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD13	2	0.44
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD21	2	0.44
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD22	2	0.44
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD23	2	0.44
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD11	12	0.44
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD12	12	0.44
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD13	12	0.44
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD21	12	0.44
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD22	12	0.44
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD23	12	0.44
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD11	5	0.44
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD12	5	0.44
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD13	5	0.44
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD21	5	0.44
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD22	5	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD23	5	0.44
(1,2029)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	14	0.44
(1,2029)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	14	0.44
(1,2029)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	14	0.44
(1,2029)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	14	0.44
(1,2029)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	14	0.44
(1,2029)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	14	0.44
(1,2029)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	14	0.44
(1,2029)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	14	0.44
(1,2029)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	14	0.44
(1,2029)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	14	0.44
(1,2029)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	14	0.44
(1,2029)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	14	0.44
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD11	3	0.44
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD12	3	0.44
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD13	3	0.44
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD21	3	0.44
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD22	3	0.44
(1,2022)	1:23:A:LEU:HA	1:23:A:LEU:HD23	3	0.44
(1,2000)	1:17:A:ASN:HD21	1:113:A:PHE:HE1	1	0.44
(1,2000)	1:17:A:ASN:HD21	1:113:A:PHE:HE2	1	0.44
(1,2000)	1:17:A:ASN:HD22	1:113:A:PHE:HE1	1	0.44
(1,2000)	1:17:A:ASN:HD22	1:113:A:PHE:HE2	1	0.44
(1,1934)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	16	0.44
(1,1934)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	16	0.44
(1,1915)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	7	0.44
(1,1915)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	7	0.44
(1,1915)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	7	0.44
(1,1915)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	7	0.44
(1,1915)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	7	0.44
(1,1915)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	7	0.44
(1,1804)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	10	0.44
(1,1804)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	10	0.44
(1,1804)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	10	0.44
(1,1804)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	10	0.44
(1,1804)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	10	0.44
(1,1804)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	10	0.44
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE1	9	0.44
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE2	9	0.44
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE3	9	0.44
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE1	14	0.44
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE2	14	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE3	14	0.44
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE1	15	0.44
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE2	15	0.44
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE3	15	0.44
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE1	18	0.44
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE2	18	0.44
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE3	18	0.44
(1,1640)	1:79:A:THR:H	1:80:A:TYR:HA	11	0.44
(1,1598)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	10	0.44
(1,1598)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	10	0.44
(1,1598)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	10	0.44
(1,1591)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	15	0.44
(1,1591)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	15	0.44
(1,1591)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	15	0.44
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE1	13	0.44
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE2	13	0.44
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE3	13	0.44
(1,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	14	0.44
(1,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	14	0.44
(1,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	14	0.44
(1,1132)	1:31:A:PRO:HD2	1:143:A:TRP:HA	16	0.44
(1,1076)	1:66:A:THR:HG21	1:95:A:ILE:HA	19	0.44
(1,1076)	1:66:A:THR:HG22	1:95:A:ILE:HA	19	0.44
(1,1076)	1:66:A:THR:HG23	1:95:A:ILE:HA	19	0.44
(1,841)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	5	0.44
(1,841)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	5	0.44
(1,841)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	5	0.44
(1,841)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	5	0.44
(1,841)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	5	0.44
(1,841)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	5	0.44
(1,829)	1:98:A:ILE:HD11	1:104:A:PHE:HB2	5	0.44
(1,829)	1:98:A:ILE:HD12	1:104:A:PHE:HB2	5	0.44
(1,829)	1:98:A:ILE:HD13	1:104:A:PHE:HB2	5	0.44
(1,821)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	4	0.44
(1,821)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	4	0.44
(1,821)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	4	0.44
(1,797)	1:11:A:ILE:HD11	1:15:A:ALA:H	14	0.44
(1,797)	1:11:A:ILE:HD12	1:15:A:ALA:H	14	0.44
(1,797)	1:11:A:ILE:HD13	1:15:A:ALA:H	14	0.44
(1,737)	1:46:A:ASN:HA	1:50:A:ALA:H	8	0.44
(1,727)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	2	0.44
(1,727)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	2	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,727)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	2	0.44
(1,587)	1:126:A:GLY:H	1:128:A:LEU:HG	5	0.44
(1,554)	1:73:A:ILE:HD11	1:110:A:MET:H	14	0.44
(1,554)	1:73:A:ILE:HD12	1:110:A:MET:H	14	0.44
(1,554)	1:73:A:ILE:HD13	1:110:A:MET:H	14	0.44
(1,314)	1:64:A:LYS:HD2	1:65:A:CYS:H	5	0.44
(1,314)	1:64:A:LYS:HD3	1:65:A:CYS:H	5	0.44
(1,299)	1:43:A:MET:H	1:43:A:MET:HG2	19	0.44
(1,17)	1:64:A:LYS:H	1:64:A:LYS:HD2	9	0.44
(1,17)	1:64:A:LYS:H	1:64:A:LYS:HD3	9	0.44
(34,2338)	1:107:A:LEU:HD11	1:112:A:GLN:HA	5	0.43
(34,2338)	1:107:A:LEU:HD12	1:112:A:GLN:HA	5	0.43
(34,2338)	1:107:A:LEU:HD13	1:112:A:GLN:HA	5	0.43
(34,2338)	1:107:A:LEU:HD21	1:112:A:GLN:HA	5	0.43
(34,2338)	1:107:A:LEU:HD22	1:112:A:GLN:HA	5	0.43
(34,2338)	1:107:A:LEU:HD23	1:112:A:GLN:HA	5	0.43
(34,2337)	1:107:A:LEU:HD11	1:112:A:GLN:H	16	0.43
(34,2337)	1:107:A:LEU:HD12	1:112:A:GLN:H	16	0.43
(34,2337)	1:107:A:LEU:HD13	1:112:A:GLN:H	16	0.43
(34,2337)	1:107:A:LEU:HD21	1:112:A:GLN:H	16	0.43
(34,2337)	1:107:A:LEU:HD22	1:112:A:GLN:H	16	0.43
(34,2337)	1:107:A:LEU:HD23	1:112:A:GLN:H	16	0.43
(34,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HA	17	0.43
(34,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HA	17	0.43
(34,2153)	1:43:A:MET:HE1	1:46:A:ASN:HD21	4	0.43
(34,2153)	1:43:A:MET:HE1	1:46:A:ASN:HD22	4	0.43
(34,2153)	1:43:A:MET:HE2	1:46:A:ASN:HD21	4	0.43
(34,2153)	1:43:A:MET:HE2	1:46:A:ASN:HD22	4	0.43
(34,2153)	1:43:A:MET:HE3	1:46:A:ASN:HD21	4	0.43
(34,2153)	1:43:A:MET:HE3	1:46:A:ASN:HD22	4	0.43
(34,2137)	1:40:A:LEU:HD11	1:43:A:MET:H	12	0.43
(34,2137)	1:40:A:LEU:HD12	1:43:A:MET:H	12	0.43
(34,2137)	1:40:A:LEU:HD13	1:43:A:MET:H	12	0.43
(34,2137)	1:40:A:LEU:HD21	1:43:A:MET:H	12	0.43
(34,2137)	1:40:A:LEU:HD22	1:43:A:MET:H	12	0.43
(34,2137)	1:40:A:LEU:HD23	1:43:A:MET:H	12	0.43
(34,1994)	1:14:A:VAL:HG11	1:18:A:PHE:HA	10	0.43
(34,1994)	1:14:A:VAL:HG12	1:18:A:PHE:HA	10	0.43
(34,1994)	1:14:A:VAL:HG13	1:18:A:PHE:HA	10	0.43
(34,1994)	1:14:A:VAL:HG21	1:18:A:PHE:HA	10	0.43
(34,1994)	1:14:A:VAL:HG22	1:18:A:PHE:HA	10	0.43
(34,1994)	1:14:A:VAL:HG23	1:18:A:PHE:HA	10	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1980)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	8	0.43
(34,1980)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	8	0.43
(34,1980)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	8	0.43
(34,1980)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	8	0.43
(34,1980)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	8	0.43
(34,1980)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	8	0.43
(34,1980)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	8	0.43
(34,1980)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	8	0.43
(34,1980)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	8	0.43
(34,1980)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	8	0.43
(34,1980)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	8	0.43
(34,1980)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	8	0.43
(34,1935)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	5	0.43
(34,1935)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	5	0.43
(34,1918)	1:13:A:ALA:H	1:80:A:TYR:HE1	4	0.43
(34,1918)	1:13:A:ALA:H	1:80:A:TYR:HE2	4	0.43
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	7	0.43
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	7	0.43
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	7	0.43
(34,1715)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	18	0.43
(34,1715)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	18	0.43
(34,1681)	1:107:A:LEU:H	1:111:A:GLU:HB2	10	0.43
(34,1681)	1:107:A:LEU:H	1:111:A:GLU:HB3	10	0.43
(34,1662)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	8	0.43
(34,1662)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	8	0.43
(34,1662)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	8	0.43
(34,1662)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	8	0.43
(34,1662)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	8	0.43
(34,1662)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	8	0.43
(34,1564)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	17	0.43
(34,1564)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	17	0.43
(34,1564)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	17	0.43
(34,1564)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	17	0.43
(34,1564)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	17	0.43
(34,1564)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	17	0.43
(34,1553)	1:76:A:ARG:HE	1:110:A:MET:HE1	16	0.43
(34,1553)	1:76:A:ARG:HE	1:110:A:MET:HE2	16	0.43
(34,1553)	1:76:A:ARG:HE	1:110:A:MET:HE3	16	0.43
(34,1496)	1:101:A:ILE:HG21	1:102:A:PRO:HA	16	0.43
(34,1496)	1:101:A:ILE:HG22	1:102:A:PRO:HA	16	0.43
(34,1496)	1:101:A:ILE:HG23	1:102:A:PRO:HA	16	0.43
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	3	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	3	0.43
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	3	0.43
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	3	0.43
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	3	0.43
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	3	0.43
(34,1413)	1:11:A:ILE:HG21	1:44:A:GLU:HB2	10	0.43
(34,1413)	1:11:A:ILE:HG21	1:44:A:GLU:HB3	10	0.43
(34,1413)	1:11:A:ILE:HG22	1:44:A:GLU:HB2	10	0.43
(34,1413)	1:11:A:ILE:HG22	1:44:A:GLU:HB3	10	0.43
(34,1413)	1:11:A:ILE:HG23	1:44:A:GLU:HB2	10	0.43
(34,1413)	1:11:A:ILE:HG23	1:44:A:GLU:HB3	10	0.43
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	6	0.43
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	6	0.43
(34,1411)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	6	0.43
(34,1370)	1:73:A:ILE:HB	1:76:A:ARG:HA	5	0.43
(34,1364)	1:125:A:THR:HG21	1:128:A:LEU:HB2	9	0.43
(34,1364)	1:125:A:THR:HG22	1:128:A:LEU:HB2	9	0.43
(34,1364)	1:125:A:THR:HG23	1:128:A:LEU:HB2	9	0.43
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD21	4	0.43
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD22	4	0.43
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD23	4	0.43
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD11	8	0.43
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD12	8	0.43
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD13	8	0.43
(34,1043)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	11	0.43
(34,1043)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	11	0.43
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	9	0.43
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	9	0.43
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	9	0.43
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	9	0.43
(34,822)	1:98:A:ILE:HA	1:98:A:ILE:HD11	16	0.43
(34,822)	1:98:A:ILE:HA	1:98:A:ILE:HD12	16	0.43
(34,822)	1:98:A:ILE:HA	1:98:A:ILE:HD13	16	0.43
(34,806)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	11	0.43
(34,806)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	11	0.43
(34,806)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	11	0.43
(34,749)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	5	0.43
(34,749)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	5	0.43
(34,509)	1:105:A:LYS:H	1:105:A:LYS:HD2	17	0.43
(34,509)	1:105:A:LYS:H	1:105:A:LYS:HD3	17	0.43
(33,2255)	1:69:A:MET:HG2	1:109:A:PRO:HA	19	0.43
(33,2255)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2254)	1:69:A:MET:HG2	1:73:A:ILE:HD11	10	0.43
(33,2254)	1:69:A:MET:HG2	1:73:A:ILE:HD12	10	0.43
(33,2254)	1:69:A:MET:HG2	1:73:A:ILE:HD13	10	0.43
(33,2254)	1:69:A:MET:HG3	1:73:A:ILE:HD11	10	0.43
(33,2254)	1:69:A:MET:HG3	1:73:A:ILE:HD12	10	0.43
(33,2254)	1:69:A:MET:HG3	1:73:A:ILE:HD13	10	0.43
(33,2232)	1:65:A:CYS:HB2	1:70:A:LYS:HA	17	0.43
(33,2232)	1:65:A:CYS:HB3	1:70:A:LYS:HA	17	0.43
(33,2231)	1:65:A:CYS:HB2	1:70:A:LYS:H	8	0.43
(33,2231)	1:65:A:CYS:HB3	1:70:A:LYS:H	8	0.43
(33,2220)	1:64:A:LYS:H	1:116:A:GLN:HG2	3	0.43
(33,2220)	1:64:A:LYS:H	1:116:A:GLN:HG3	3	0.43
(33,2143)	1:42:A:GLU:HB2	1:140:A:LEU:HD21	13	0.43
(33,2143)	1:42:A:GLU:HB2	1:140:A:LEU:HD22	13	0.43
(33,2143)	1:42:A:GLU:HB2	1:140:A:LEU:HD23	13	0.43
(33,2143)	1:42:A:GLU:HB3	1:140:A:LEU:HD21	13	0.43
(33,2143)	1:42:A:GLU:HB3	1:140:A:LEU:HD22	13	0.43
(33,2143)	1:42:A:GLU:HB3	1:140:A:LEU:HD23	13	0.43
(33,2137)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	18	0.43
(33,2137)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	18	0.43
(33,2137)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	18	0.43
(33,2137)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	18	0.43
(33,2137)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	18	0.43
(33,2137)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	18	0.43
(33,2137)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	18	0.43
(33,2137)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	18	0.43
(33,2137)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	18	0.43
(33,2137)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	18	0.43
(33,2137)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	18	0.43
(33,2137)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	18	0.43
(33,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB2	12	0.43
(33,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB2	12	0.43
(33,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB2	12	0.43
(33,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB2	12	0.43
(33,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB2	12	0.43
(33,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB2	12	0.43
(33,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB3	12	0.43
(33,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB3	12	0.43
(33,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB3	12	0.43
(33,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB3	12	0.43
(33,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB3	12	0.43
(33,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB3	12	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	5	0.43
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	5	0.43
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	5	0.43
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	5	0.43
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	5	0.43
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	5	0.43
(33,1908)	1:13:A:ALA:H	1:80:A:TYR:HE1	4	0.43
(33,1908)	1:13:A:ALA:H	1:80:A:TYR:HE2	4	0.43
(33,1880)	1:68:A:LYS:HA	1:72:A:PHE:HE1	11	0.43
(33,1880)	1:68:A:LYS:HA	1:72:A:PHE:HE2	11	0.43
(33,1848)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	2	0.43
(33,1848)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	2	0.43
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	4	0.43
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	4	0.43
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	4	0.43
(33,1659)	1:107:A:LEU:H	1:111:A:GLU:HB2	10	0.43
(33,1659)	1:107:A:LEU:H	1:111:A:GLU:HB3	10	0.43
(33,1637)	1:134:A:VAL:HG11	1:137:A:SER:H	16	0.43
(33,1637)	1:134:A:VAL:HG12	1:137:A:SER:H	16	0.43
(33,1637)	1:134:A:VAL:HG13	1:137:A:SER:H	16	0.43
(33,1573)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	18	0.43
(33,1573)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	18	0.43
(33,1573)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	18	0.43
(33,1529)	1:76:A:ARG:HE	1:110:A:MET:HE1	16	0.43
(33,1529)	1:76:A:ARG:HE	1:110:A:MET:HE2	16	0.43
(33,1529)	1:76:A:ARG:HE	1:110:A:MET:HE3	16	0.43
(33,1510)	1:69:A:MET:HE1	1:116:A:GLN:HE21	11	0.43
(33,1510)	1:69:A:MET:HE2	1:116:A:GLN:HE21	11	0.43
(33,1510)	1:69:A:MET:HE3	1:116:A:GLN:HE21	11	0.43
(33,1294)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	2	0.43
(33,1294)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	2	0.43
(33,1294)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	2	0.43
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD21	7	0.43
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD22	7	0.43
(33,1176)	1:27:A:ARG:HA	1:30:A:LEU:HD23	7	0.43
(33,839)	1:69:A:MET:HE1	1:114:A:ILE:HD11	6	0.43
(33,839)	1:69:A:MET:HE1	1:114:A:ILE:HD12	6	0.43
(33,839)	1:69:A:MET:HE1	1:114:A:ILE:HD13	6	0.43
(33,839)	1:69:A:MET:HE2	1:114:A:ILE:HD11	6	0.43
(33,839)	1:69:A:MET:HE2	1:114:A:ILE:HD12	6	0.43
(33,839)	1:69:A:MET:HE2	1:114:A:ILE:HD13	6	0.43
(33,839)	1:69:A:MET:HE3	1:114:A:ILE:HD11	6	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,839)	1:69:A:MET:HE3	1:114:A:ILE:HD12	6	0.43
(33,839)	1:69:A:MET:HE3	1:114:A:ILE:HD13	6	0.43
(33,818)	1:98:A:ILE:HA	1:98:A:ILE:HD11	16	0.43
(33,818)	1:98:A:ILE:HA	1:98:A:ILE:HD12	16	0.43
(33,818)	1:98:A:ILE:HA	1:98:A:ILE:HD13	16	0.43
(33,740)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	16	0.43
(33,640)	1:66:A:THR:H	1:70:A:LYS:H	5	0.43
(33,573)	1:16:A:SER:H	1:131:A:LEU:HB3	11	0.43
(33,288)	1:121:A:VAL:H	1:123:A:CYS:H	2	0.43
(33,233)	1:40:A:LEU:HD21	1:44:A:GLU:H	11	0.43
(33,233)	1:40:A:LEU:HD22	1:44:A:GLU:H	11	0.43
(33,233)	1:40:A:LEU:HD23	1:44:A:GLU:H	11	0.43
(33,119)	1:79:A:THR:HA	1:80:A:TYR:H	17	0.43
(33,36)	1:95:A:ILE:HB	1:96:A:VAL:H	18	0.43
(33,35)	1:96:A:VAL:H	1:97:A:ASP:HB2	18	0.43
(33,35)	1:96:A:VAL:H	1:97:A:ASP:HB3	18	0.43
(32,2365)	1:116:A:GLN:HG2	1:117:A:VAL:HA	9	0.43
(32,2365)	1:116:A:GLN:HG3	1:117:A:VAL:HA	9	0.43
(32,2226)	1:65:A:CYS:HB2	1:70:A:LYS:HA	17	0.43
(32,2226)	1:65:A:CYS:HB3	1:70:A:LYS:HA	17	0.43
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD11	10	0.43
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD12	10	0.43
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD13	10	0.43
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD21	10	0.43
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD22	10	0.43
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD23	10	0.43
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD11	10	0.43
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD12	10	0.43
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD13	10	0.43
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD21	10	0.43
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD22	10	0.43
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD23	10	0.43
(32,1938)	1:12:A:VAL:HG11	1:43:A:MET:HB2	6	0.43
(32,1938)	1:12:A:VAL:HG12	1:43:A:MET:HB2	6	0.43
(32,1938)	1:12:A:VAL:HG13	1:43:A:MET:HB2	6	0.43
(32,1938)	1:12:A:VAL:HG21	1:43:A:MET:HB2	6	0.43
(32,1938)	1:12:A:VAL:HG22	1:43:A:MET:HB2	6	0.43
(32,1938)	1:12:A:VAL:HG23	1:43:A:MET:HB2	6	0.43
(32,1921)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	2	0.43
(32,1921)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	2	0.43
(32,1921)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	2	0.43
(32,1921)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	2	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1921)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	2	0.43
(32,1921)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	2	0.43
(32,1872)	1:13:A:ALA:H	1:80:A:TYR:HE1	4	0.43
(32,1872)	1:13:A:ALA:H	1:80:A:TYR:HE2	4	0.43
(32,1852)	1:104:A:PHE:HE1	1:115:A:ALA:H	13	0.43
(32,1852)	1:104:A:PHE:HE2	1:115:A:ALA:H	13	0.43
(32,1810)	1:79:A:THR:HB	1:80:A:TYR:HE1	13	0.43
(32,1810)	1:79:A:THR:HB	1:80:A:TYR:HE2	13	0.43
(32,1757)	1:71:A:LYS:HE2	1:72:A:PHE:HD1	16	0.43
(32,1757)	1:71:A:LYS:HE2	1:72:A:PHE:HD2	16	0.43
(32,1757)	1:71:A:LYS:HE3	1:72:A:PHE:HD1	16	0.43
(32,1757)	1:71:A:LYS:HE3	1:72:A:PHE:HD2	16	0.43
(32,1546)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	12	0.43
(32,1546)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	12	0.43
(32,1546)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	12	0.43
(32,1498)	1:76:A:ARG:HE	1:110:A:MET:HE1	16	0.43
(32,1498)	1:76:A:ARG:HE	1:110:A:MET:HE2	16	0.43
(32,1498)	1:76:A:ARG:HE	1:110:A:MET:HE3	16	0.43
(32,1493)	1:69:A:MET:HE1	1:76:A:ARG:HG2	5	0.43
(32,1493)	1:69:A:MET:HE1	1:76:A:ARG:HG3	5	0.43
(32,1493)	1:69:A:MET:HE2	1:76:A:ARG:HG2	5	0.43
(32,1493)	1:69:A:MET:HE2	1:76:A:ARG:HG3	5	0.43
(32,1493)	1:69:A:MET:HE3	1:76:A:ARG:HG2	5	0.43
(32,1493)	1:69:A:MET:HE3	1:76:A:ARG:HG3	5	0.43
(32,1366)	1:11:A:ILE:HG21	1:44:A:GLU:HB2	10	0.43
(32,1366)	1:11:A:ILE:HG21	1:44:A:GLU:HB3	10	0.43
(32,1366)	1:11:A:ILE:HG22	1:44:A:GLU:HB2	10	0.43
(32,1366)	1:11:A:ILE:HG22	1:44:A:GLU:HB3	10	0.43
(32,1366)	1:11:A:ILE:HG23	1:44:A:GLU:HB2	10	0.43
(32,1366)	1:11:A:ILE:HG23	1:44:A:GLU:HB3	10	0.43
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD11	1	0.43
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD12	1	0.43
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD13	1	0.43
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD21	7	0.43
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD22	7	0.43
(32,1132)	1:27:A:ARG:HA	1:30:A:LEU:HD23	7	0.43
(32,917)	1:11:A:ILE:HD11	1:12:A:VAL:HA	5	0.43
(32,917)	1:11:A:ILE:HD12	1:12:A:VAL:HA	5	0.43
(32,917)	1:11:A:ILE:HD13	1:12:A:VAL:HA	5	0.43
(32,882)	1:17:A:ASN:HB2	1:113:A:PHE:HE1	12	0.43
(32,882)	1:17:A:ASN:HB2	1:113:A:PHE:HE2	12	0.43
(32,882)	1:17:A:ASN:HB3	1:113:A:PHE:HE1	12	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,882)	1:17:A:ASN:HB3	1:113:A:PHE:HE2	12	0.43
(32,840)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	14	0.43
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	15	0.43
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	15	0.43
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	15	0.43
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	15	0.43
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	15	0.43
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	15	0.43
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	15	0.43
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	15	0.43
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	15	0.43
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	14	0.43
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	14	0.43
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	14	0.43
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	14	0.43
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	14	0.43
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	14	0.43
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	14	0.43
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	14	0.43
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	14	0.43
(32,799)	1:98:A:ILE:HD11	1:101:A:ILE:HB	13	0.43
(32,799)	1:98:A:ILE:HD12	1:101:A:ILE:HB	13	0.43
(32,799)	1:98:A:ILE:HD13	1:101:A:ILE:HB	13	0.43
(32,792)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	18	0.43
(32,792)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	18	0.43
(32,792)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	18	0.43
(32,776)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	11	0.43
(32,776)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	11	0.43
(32,776)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	11	0.43
(32,254)	1:39:A:VAL:H	1:39:A:VAL:HB	7	0.43
(32,118)	1:79:A:THR:HA	1:80:A:TYR:H	17	0.43
(32,49)	1:98:A:ILE:H	1:101:A:ILE:HG13	4	0.43
(32,46)	1:47:A:ALA:H	1:48:A:ARG:HB2	1	0.43
(32,46)	1:47:A:ALA:H	1:48:A:ARG:HB3	1	0.43
(32,31)	1:96:A:VAL:H	1:97:A:ASP:HB2	18	0.43
(32,31)	1:96:A:VAL:H	1:97:A:ASP:HB3	18	0.43
(32,26)	1:35:A:LEU:H	1:35:A:LEU:HG	14	0.43
(32,26)	1:35:A:LEU:H	1:35:A:LEU:HG	15	0.43
(30,2457)	1:140:A:LEU:HD11	1:144:A:LEU:H	15	0.43
(30,2457)	1:140:A:LEU:HD12	1:144:A:LEU:H	15	0.43
(30,2457)	1:140:A:LEU:HD13	1:144:A:LEU:H	15	0.43
(30,2457)	1:140:A:LEU:HD21	1:144:A:LEU:H	15	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2457)	1:140:A:LEU:HD22	1:144:A:LEU:H	15	0.43
(30,2457)	1:140:A:LEU:HD23	1:144:A:LEU:H	15	0.43
(30,2277)	1:75:A:GLY:HA2	1:77:A:CYS:HB2	6	0.43
(30,2277)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	6	0.43
(30,2232)	1:65:A:CYS:HB2	1:70:A:LYS:HA	17	0.43
(30,2232)	1:65:A:CYS:HB3	1:70:A:LYS:HA	17	0.43
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD11	3	0.43
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD12	3	0.43
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD13	3	0.43
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD21	3	0.43
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD22	3	0.43
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD23	3	0.43
(30,2134)	1:39:A:VAL:HG11	1:144:A:LEU:H	15	0.43
(30,2134)	1:39:A:VAL:HG12	1:144:A:LEU:H	15	0.43
(30,2134)	1:39:A:VAL:HG13	1:144:A:LEU:H	15	0.43
(30,2134)	1:39:A:VAL:HG21	1:144:A:LEU:H	15	0.43
(30,2134)	1:39:A:VAL:HG22	1:144:A:LEU:H	15	0.43
(30,2134)	1:39:A:VAL:HG23	1:144:A:LEU:H	15	0.43
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	7	0.43
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	7	0.43
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	7	0.43
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	7	0.43
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	7	0.43
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	7	0.43
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	7	0.43
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	7	0.43
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	7	0.43
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	7	0.43
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	7	0.43
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	7	0.43
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	7	0.43
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	7	0.43
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	7	0.43
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	7	0.43
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	7	0.43
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	7	0.43
(30,1920)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	18	0.43
(30,1920)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	18	0.43
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	7	0.43
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	7	0.43
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	7	0.43
(30,1851)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	2	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1851)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	2	0.43
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE1	7	0.43
(30,1850)	1:43:A:MET:HE1	1:80:A:TYR:HE2	7	0.43
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE1	7	0.43
(30,1850)	1:43:A:MET:HE2	1:80:A:TYR:HE2	7	0.43
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE1	7	0.43
(30,1850)	1:43:A:MET:HE3	1:80:A:TYR:HE2	7	0.43
(30,1744)	1:18:A:PHE:HB2	1:132:A:ALA:HA	13	0.43
(30,1744)	1:18:A:PHE:HB3	1:132:A:ALA:HA	13	0.43
(30,1673)	1:107:A:LEU:H	1:111:A:GLU:HB2	10	0.43
(30,1673)	1:107:A:LEU:H	1:111:A:GLU:HB3	10	0.43
(30,1546)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	17	0.43
(30,1546)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	17	0.43
(30,1546)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	17	0.43
(30,1546)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	17	0.43
(30,1546)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	17	0.43
(30,1546)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	17	0.43
(30,1479)	1:101:A:ILE:HG21	1:102:A:PRO:HA	16	0.43
(30,1479)	1:101:A:ILE:HG22	1:102:A:PRO:HA	16	0.43
(30,1479)	1:101:A:ILE:HG23	1:102:A:PRO:HA	16	0.43
(30,1438)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	8	0.43
(30,1438)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	8	0.43
(30,1438)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	8	0.43
(30,1398)	1:11:A:ILE:HG21	1:44:A:GLU:HB2	10	0.43
(30,1398)	1:11:A:ILE:HG21	1:44:A:GLU:HB3	10	0.43
(30,1398)	1:11:A:ILE:HG22	1:44:A:GLU:HB2	10	0.43
(30,1398)	1:11:A:ILE:HG22	1:44:A:GLU:HB3	10	0.43
(30,1398)	1:11:A:ILE:HG23	1:44:A:GLU:HB2	10	0.43
(30,1398)	1:11:A:ILE:HG23	1:44:A:GLU:HB3	10	0.43
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD11	18	0.43
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD12	18	0.43
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD13	18	0.43
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD11	18	0.43
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD12	18	0.43
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD13	18	0.43
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD11	18	0.43
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD12	18	0.43
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD13	18	0.43
(30,1049)	1:95:A:ILE:HA	1:96:A:VAL:HB	17	0.43
(30,990)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	16	0.43
(30,990)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	16	0.43
(30,990)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	16	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,923)	1:81:A:GLU:HA	1:81:A:GLU:HG2	13	0.43
(30,923)	1:81:A:GLU:HA	1:81:A:GLU:HG3	13	0.43
(30,919)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	11	0.43
(30,919)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	11	0.43
(30,919)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	11	0.43
(30,919)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	11	0.43
(30,919)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	11	0.43
(30,919)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	11	0.43
(30,919)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	16	0.43
(30,919)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	16	0.43
(30,919)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	16	0.43
(30,919)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	16	0.43
(30,919)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	16	0.43
(30,919)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	16	0.43
(30,886)	1:73:A:ILE:HB	1:76:A:ARG:HA	5	0.43
(30,885)	1:95:A:ILE:H	1:95:A:ILE:HB	2	0.43
(30,854)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	14	0.43
(30,812)	1:98:A:ILE:HA	1:98:A:ILE:HD11	16	0.43
(30,812)	1:98:A:ILE:HA	1:98:A:ILE:HD12	16	0.43
(30,812)	1:98:A:ILE:HA	1:98:A:ILE:HD13	16	0.43
(30,738)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	16	0.43
(30,397)	1:105:A:LYS:HD2	1:106:A:ASP:H	14	0.43
(30,397)	1:105:A:LYS:HD3	1:106:A:ASP:H	14	0.43
(30,292)	1:121:A:VAL:H	1:123:A:CYS:H	2	0.43
(30,122)	1:79:A:THR:HA	1:80:A:TYR:H	17	0.43
(30,32)	1:96:A:VAL:H	1:97:A:ASP:HB2	18	0.43
(30,32)	1:96:A:VAL:H	1:97:A:ASP:HB3	18	0.43
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD11	7	0.43
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD12	7	0.43
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD13	7	0.43
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD21	7	0.43
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD22	7	0.43
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD23	7	0.43
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD11	8	0.43
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD12	8	0.43
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD13	8	0.43
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD21	8	0.43
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD22	8	0.43
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD23	8	0.43
(29,2143)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	18	0.43
(29,2143)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	18	0.43
(29,2143)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	18	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2143)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	18	0.43
(29,2143)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	18	0.43
(29,2143)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	18	0.43
(29,2143)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	18	0.43
(29,2143)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	18	0.43
(29,2143)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	18	0.43
(29,2143)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	18	0.43
(29,2143)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	18	0.43
(29,2143)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	18	0.43
(29,2132)	1:39:A:VAL:HG11	1:144:A:LEU:HD11	14	0.43
(29,2132)	1:39:A:VAL:HG11	1:144:A:LEU:HD12	14	0.43
(29,2132)	1:39:A:VAL:HG11	1:144:A:LEU:HD13	14	0.43
(29,2132)	1:39:A:VAL:HG11	1:144:A:LEU:HD21	14	0.43
(29,2132)	1:39:A:VAL:HG11	1:144:A:LEU:HD22	14	0.43
(29,2132)	1:39:A:VAL:HG11	1:144:A:LEU:HD23	14	0.43
(29,2132)	1:39:A:VAL:HG12	1:144:A:LEU:HD11	14	0.43
(29,2132)	1:39:A:VAL:HG12	1:144:A:LEU:HD12	14	0.43
(29,2132)	1:39:A:VAL:HG12	1:144:A:LEU:HD13	14	0.43
(29,2132)	1:39:A:VAL:HG12	1:144:A:LEU:HD21	14	0.43
(29,2132)	1:39:A:VAL:HG12	1:144:A:LEU:HD22	14	0.43
(29,2132)	1:39:A:VAL:HG12	1:144:A:LEU:HD23	14	0.43
(29,2132)	1:39:A:VAL:HG13	1:144:A:LEU:HD11	14	0.43
(29,2132)	1:39:A:VAL:HG13	1:144:A:LEU:HD12	14	0.43
(29,2132)	1:39:A:VAL:HG13	1:144:A:LEU:HD13	14	0.43
(29,2132)	1:39:A:VAL:HG13	1:144:A:LEU:HD21	14	0.43
(29,2132)	1:39:A:VAL:HG13	1:144:A:LEU:HD22	14	0.43
(29,2132)	1:39:A:VAL:HG13	1:144:A:LEU:HD23	14	0.43
(29,2132)	1:39:A:VAL:HG21	1:144:A:LEU:HD11	14	0.43
(29,2132)	1:39:A:VAL:HG21	1:144:A:LEU:HD12	14	0.43
(29,2132)	1:39:A:VAL:HG21	1:144:A:LEU:HD13	14	0.43
(29,2132)	1:39:A:VAL:HG21	1:144:A:LEU:HD21	14	0.43
(29,2132)	1:39:A:VAL:HG21	1:144:A:LEU:HD22	14	0.43
(29,2132)	1:39:A:VAL:HG21	1:144:A:LEU:HD23	14	0.43
(29,2132)	1:39:A:VAL:HG22	1:144:A:LEU:HD11	14	0.43
(29,2132)	1:39:A:VAL:HG22	1:144:A:LEU:HD12	14	0.43
(29,2132)	1:39:A:VAL:HG22	1:144:A:LEU:HD13	14	0.43
(29,2132)	1:39:A:VAL:HG22	1:144:A:LEU:HD21	14	0.43
(29,2132)	1:39:A:VAL:HG22	1:144:A:LEU:HD22	14	0.43
(29,2132)	1:39:A:VAL:HG22	1:144:A:LEU:HD23	14	0.43
(29,2132)	1:39:A:VAL:HG23	1:144:A:LEU:HD11	14	0.43
(29,2132)	1:39:A:VAL:HG23	1:144:A:LEU:HD12	14	0.43
(29,2132)	1:39:A:VAL:HG23	1:144:A:LEU:HD13	14	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2132)	1:39:A:VAL:HG23	1:144:A:LEU:HD21	14	0.43
(29,2132)	1:39:A:VAL:HG23	1:144:A:LEU:HD22	14	0.43
(29,2132)	1:39:A:VAL:HG23	1:144:A:LEU:HD23	14	0.43
(29,2122)	1:39:A:VAL:HG11	1:43:A:MET:HB2	4	0.43
(29,2122)	1:39:A:VAL:HG12	1:43:A:MET:HB2	4	0.43
(29,2122)	1:39:A:VAL:HG13	1:43:A:MET:HB2	4	0.43
(29,2122)	1:39:A:VAL:HG21	1:43:A:MET:HB2	4	0.43
(29,2122)	1:39:A:VAL:HG22	1:43:A:MET:HB2	4	0.43
(29,2122)	1:39:A:VAL:HG23	1:43:A:MET:HB2	4	0.43
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	7	0.43
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	7	0.43
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	7	0.43
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	7	0.43
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	7	0.43
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	7	0.43
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	7	0.43
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	7	0.43
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	7	0.43
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	7	0.43
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	7	0.43
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	7	0.43
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	7	0.43
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	7	0.43
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	7	0.43
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	7	0.43
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	7	0.43
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	7	0.43
(29,1990)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	7	0.43
(29,1990)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	7	0.43
(29,1990)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	7	0.43
(29,1990)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	7	0.43
(29,1990)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	7	0.43
(29,1990)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	7	0.43
(29,1990)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	7	0.43
(29,1990)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	7	0.43
(29,1990)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	7	0.43
(29,1990)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	7	0.43
(29,1990)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	7	0.43
(29,1990)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	7	0.43
(29,1990)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	7	0.43
(29,1990)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	7	0.43
(29,1990)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	7	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1990)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	7	0.43
(29,1990)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	7	0.43
(29,1990)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	7	0.43
(29,1929)	1:13:A:ALA:H	1:80:A:TYR:HE1	4	0.43
(29,1929)	1:13:A:ALA:H	1:80:A:TYR:HE2	4	0.43
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	15	0.43
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	15	0.43
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	15	0.43
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	15	0.43
(29,1854)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	4	0.43
(29,1854)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	4	0.43
(29,1854)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	4	0.43
(29,1692)	1:107:A:LEU:H	1:111:A:GLU:HB2	10	0.43
(29,1692)	1:107:A:LEU:H	1:111:A:GLU:HB3	10	0.43
(29,1681)	1:69:A:MET:HE1	1:116:A:GLN:HE21	11	0.43
(29,1681)	1:69:A:MET:HE2	1:116:A:GLN:HE21	11	0.43
(29,1681)	1:69:A:MET:HE3	1:116:A:GLN:HE21	11	0.43
(29,1680)	1:69:A:MET:HE1	1:116:A:GLN:HG3	3	0.43
(29,1680)	1:69:A:MET:HE2	1:116:A:GLN:HG3	3	0.43
(29,1680)	1:69:A:MET:HE3	1:116:A:GLN:HG3	3	0.43
(29,1667)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	8	0.43
(29,1667)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	8	0.43
(29,1667)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	8	0.43
(29,1667)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	8	0.43
(29,1667)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	8	0.43
(29,1667)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	8	0.43
(29,1598)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	18	0.43
(29,1598)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	18	0.43
(29,1598)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	18	0.43
(29,1442)	1:101:A:ILE:HB	1:115:A:ALA:HB1	19	0.43
(29,1442)	1:101:A:ILE:HB	1:115:A:ALA:HB2	19	0.43
(29,1442)	1:101:A:ILE:HB	1:115:A:ALA:HB3	19	0.43
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG21	18	0.43
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG22	18	0.43
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG23	18	0.43
(29,1408)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	11	0.43
(29,1408)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	11	0.43
(29,1408)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	11	0.43
(29,1408)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	11	0.43
(29,1408)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	11	0.43
(29,1408)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	11	0.43
(29,1408)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	11	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1408)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	11	0.43
(29,1408)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	11	0.43
(29,1407)	1:11:A:ILE:HG21	1:44:A:GLU:HB2	10	0.43
(29,1407)	1:11:A:ILE:HG21	1:44:A:GLU:HB3	10	0.43
(29,1407)	1:11:A:ILE:HG22	1:44:A:GLU:HB2	10	0.43
(29,1407)	1:11:A:ILE:HG22	1:44:A:GLU:HB3	10	0.43
(29,1407)	1:11:A:ILE:HG23	1:44:A:GLU:HB2	10	0.43
(29,1407)	1:11:A:ILE:HG23	1:44:A:GLU:HB3	10	0.43
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD11	14	0.43
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD12	14	0.43
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD13	14	0.43
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD11	14	0.43
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD12	14	0.43
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD13	14	0.43
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD11	14	0.43
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD12	14	0.43
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD13	14	0.43
(29,1260)	1:21:A:THR:HG21	1:23:A:LEU:HA	10	0.43
(29,1260)	1:21:A:THR:HG22	1:23:A:LEU:HA	10	0.43
(29,1260)	1:21:A:THR:HG23	1:23:A:LEU:HA	10	0.43
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD21	17	0.43
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD22	17	0.43
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD23	17	0.43
(29,1131)	1:66:A:THR:HG21	1:105:A:LYS:HA	19	0.43
(29,1131)	1:66:A:THR:HG22	1:105:A:LYS:HA	19	0.43
(29,1131)	1:66:A:THR:HG23	1:105:A:LYS:HA	19	0.43
(29,1078)	1:71:A:LYS:HG3	1:72:A:PHE:HA	1	0.43
(29,1075)	1:95:A:ILE:HA	1:96:A:VAL:HB	17	0.43
(29,1029)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	11	0.43
(29,1029)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	11	0.43
(29,998)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	1	0.43
(29,998)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	1	0.43
(29,953)	1:67:A:PRO:HA	1:70:A:LYS:HB2	4	0.43
(29,953)	1:67:A:PRO:HA	1:70:A:LYS:HB3	4	0.43
(29,871)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	14	0.43
(29,830)	1:98:A:ILE:HA	1:98:A:ILE:HD11	16	0.43
(29,830)	1:98:A:ILE:HA	1:98:A:ILE:HD12	16	0.43
(29,830)	1:98:A:ILE:HA	1:98:A:ILE:HD13	16	0.43
(29,815)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	11	0.43
(29,815)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	11	0.43
(29,815)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	11	0.43
(29,753)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	16	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,723)	1:48:A:ARG:HE	1:49:A:LYS:H	10	0.43
(29,723)	1:48:A:ARG:HE	1:49:A:LYS:H	12	0.43
(29,427)	1:100:A:ALA:H	1:101:A:ILE:HG12	4	0.43
(29,427)	1:100:A:ALA:H	1:101:A:ILE:HG12	7	0.43
(29,291)	1:121:A:VAL:H	1:123:A:CYS:H	2	0.43
(29,37)	1:95:A:ILE:HB	1:96:A:VAL:H	14	0.43
(29,32)	1:96:A:VAL:H	1:97:A:ASP:H	8	0.43
(29,32)	1:96:A:VAL:H	1:97:A:ASP:H	19	0.43
(23,20)	1:128:A:LEU:N	1:124:A:THR:O	9	0.43
(23,1)	1:17:A:ASN:N	1:13:A:ALA:O	12	0.43
(22,39)	1:128:A:LEU:H	1:124:A:THR:C	14	0.43
(22,34)	1:118:A:ASP:N	1:114:A:ILE:C	16	0.43
(22,33)	1:118:A:ASP:H	1:114:A:ILE:C	2	0.43
(22,33)	1:118:A:ASP:H	1:114:A:ILE:C	4	0.43
(22,17)	1:73:A:ILE:H	1:69:A:MET:C	17	0.43
(22,12)	1:59:A:CYS:N	1:55:A:GLY:C	14	0.43
(22,12)	1:59:A:CYS:N	1:55:A:GLY:C	15	0.43
(22,7)	1:45:A:ALA:H	1:41:A:LYS:C	10	0.43
(22,5)	1:44:A:GLU:H	1:40:A:LEU:C	1	0.43
(22,3)	1:39:A:VAL:H	1:36:A:PRO:C	1	0.43
(22,3)	1:39:A:VAL:H	1:36:A:PRO:C	3	0.43
(20,8)	1:56:A:CYS:SG	1:123:A:CYS:SG	10	0.43
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD11	7	0.43
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD12	7	0.43
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD13	7	0.43
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD21	7	0.43
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD22	7	0.43
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD23	7	0.43
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD11	7	0.43
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD12	7	0.43
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD13	7	0.43
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD21	7	0.43
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD22	7	0.43
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD23	7	0.43
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD11	7	0.43
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD12	7	0.43
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD13	7	0.43
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD21	7	0.43
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD22	7	0.43
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD23	7	0.43
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD11	14	0.43
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD12	14	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD13	14	0.43
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD21	14	0.43
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD22	14	0.43
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD23	14	0.43
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD11	14	0.43
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD12	14	0.43
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD13	14	0.43
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD21	14	0.43
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD22	14	0.43
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD23	14	0.43
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD11	14	0.43
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD12	14	0.43
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD13	14	0.43
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD21	14	0.43
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD22	14	0.43
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD23	14	0.43
(18,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB2	2	0.43
(18,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB3	2	0.43
(18,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB2	2	0.43
(18,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB3	2	0.43
(18,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB2	2	0.43
(18,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB3	2	0.43
(18,2239)	1:65:A:CYS:HB2	1:69:A:MET:HG2	2	0.43
(18,2239)	1:65:A:CYS:HB2	1:69:A:MET:HG3	2	0.43
(18,2239)	1:65:A:CYS:HB3	1:69:A:MET:HG2	2	0.43
(18,2239)	1:65:A:CYS:HB3	1:69:A:MET:HG3	2	0.43
(18,2145)	1:43:A:MET:HE1	1:46:A:ASN:HD21	4	0.43
(18,2145)	1:43:A:MET:HE1	1:46:A:ASN:HD22	4	0.43
(18,2145)	1:43:A:MET:HE2	1:46:A:ASN:HD21	4	0.43
(18,2145)	1:43:A:MET:HE2	1:46:A:ASN:HD22	4	0.43
(18,2145)	1:43:A:MET:HE3	1:46:A:ASN:HD21	4	0.43
(18,2145)	1:43:A:MET:HE3	1:46:A:ASN:HD22	4	0.43
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD11	14	0.43
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD12	14	0.43
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD13	14	0.43
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD21	14	0.43
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD22	14	0.43
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD23	14	0.43
(18,1901)	1:13:A:ALA:H	1:80:A:TYR:HE1	4	0.43
(18,1901)	1:13:A:ALA:H	1:80:A:TYR:HE2	4	0.43
(18,1712)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	4	0.43
(18,1712)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	4	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1712)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	4	0.43
(18,1688)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	18	0.43
(18,1688)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	18	0.43
(18,1684)	1:43:A:MET:HE1	1:131:A:LEU:HB3	3	0.43
(18,1684)	1:43:A:MET:HE2	1:131:A:LEU:HB3	3	0.43
(18,1684)	1:43:A:MET:HE3	1:131:A:LEU:HB3	3	0.43
(18,1682)	1:43:A:MET:HE1	1:131:A:LEU:HA	6	0.43
(18,1682)	1:43:A:MET:HE2	1:131:A:LEU:HA	6	0.43
(18,1682)	1:43:A:MET:HE3	1:131:A:LEU:HA	6	0.43
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB2	11	0.43
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB3	11	0.43
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB2	13	0.43
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB3	13	0.43
(18,1644)	1:69:A:MET:HE1	1:116:A:GLN:HE21	11	0.43
(18,1644)	1:69:A:MET:HE2	1:116:A:GLN:HE21	11	0.43
(18,1644)	1:69:A:MET:HE3	1:116:A:GLN:HE21	11	0.43
(18,1634)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	13	0.43
(18,1634)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	13	0.43
(18,1634)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	13	0.43
(18,1634)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	13	0.43
(18,1634)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	13	0.43
(18,1634)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	13	0.43
(18,1570)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	18	0.43
(18,1570)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	18	0.43
(18,1570)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	18	0.43
(18,1527)	1:76:A:ARG:HE	1:110:A:MET:HE1	16	0.43
(18,1527)	1:76:A:ARG:HE	1:110:A:MET:HE2	16	0.43
(18,1527)	1:76:A:ARG:HE	1:110:A:MET:HE3	16	0.43
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG21	18	0.43
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG22	18	0.43
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG23	18	0.43
(18,1392)	1:11:A:ILE:HG21	1:44:A:GLU:HB2	10	0.43
(18,1392)	1:11:A:ILE:HG21	1:44:A:GLU:HB3	10	0.43
(18,1392)	1:11:A:ILE:HG22	1:44:A:GLU:HB2	10	0.43
(18,1392)	1:11:A:ILE:HG22	1:44:A:GLU:HB3	10	0.43
(18,1392)	1:11:A:ILE:HG23	1:44:A:GLU:HB2	10	0.43
(18,1392)	1:11:A:ILE:HG23	1:44:A:GLU:HB3	10	0.43
(18,1036)	1:113:A:PHE:HA	1:116:A:GLN:HG3	10	0.43
(18,1031)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	11	0.43
(18,1031)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	11	0.43
(18,982)	1:68:A:LYS:HG2	1:109:A:PRO:HB2	7	0.43
(18,982)	1:68:A:LYS:HG2	1:109:A:PRO:HB3	7	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,982)	1:68:A:LYS:HG3	1:109:A:PRO:HB2	7	0.43
(18,982)	1:68:A:LYS:HG3	1:109:A:PRO:HB3	7	0.43
(18,955)	1:67:A:PRO:HA	1:70:A:LYS:HB2	4	0.43
(18,955)	1:67:A:PRO:HA	1:70:A:LYS:HB3	4	0.43
(18,906)	1:73:A:ILE:HB	1:76:A:ARG:HA	5	0.43
(18,827)	1:98:A:ILE:HA	1:98:A:ILE:HD11	16	0.43
(18,827)	1:98:A:ILE:HA	1:98:A:ILE:HD12	16	0.43
(18,827)	1:98:A:ILE:HA	1:98:A:ILE:HD13	16	0.43
(18,758)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	5	0.43
(18,758)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	5	0.43
(18,756)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	16	0.43
(18,739)	1:16:A:SER:H	1:17:A:ASN:HD21	7	0.43
(18,731)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	2	0.43
(18,731)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	2	0.43
(18,731)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	2	0.43
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB2	13	0.43
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB3	13	0.43
(18,485)	1:48:A:ARG:HA	1:53:A:THR:H	6	0.43
(18,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	13	0.43
(18,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	13	0.43
(18,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	13	0.43
(18,124)	1:78:A:HIS:HA	1:80:A:TYR:H	14	0.43
(18,30)	1:35:A:LEU:H	1:35:A:LEU:HG	14	0.43
(18,30)	1:35:A:LEU:H	1:35:A:LEU:HG	15	0.43
(17,2299)	1:98:A:ILE:H	1:104:A:PHE:HB2	5	0.43
(17,2299)	1:98:A:ILE:H	1:104:A:PHE:HB3	5	0.43
(17,2293)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	12	0.43
(17,2293)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	12	0.43
(17,2293)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	12	0.43
(17,2293)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	12	0.43
(17,2293)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	12	0.43
(17,2293)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	12	0.43
(17,2240)	1:65:A:CYS:HB2	1:70:A:LYS:HA	17	0.43
(17,2240)	1:65:A:CYS:HB3	1:70:A:LYS:HA	17	0.43
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD11	16	0.43
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD12	16	0.43
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD13	16	0.43
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD21	16	0.43
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD22	16	0.43
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD23	16	0.43
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD11	16	0.43
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD12	16	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD13	16	0.43
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD21	16	0.43
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD22	16	0.43
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD23	16	0.43
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD11	16	0.43
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD12	16	0.43
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD13	16	0.43
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD21	16	0.43
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD22	16	0.43
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD23	16	0.43
(17,2149)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	19	0.43
(17,2149)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	19	0.43
(17,2149)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	19	0.43
(17,2149)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	19	0.43
(17,2149)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	19	0.43
(17,2149)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	19	0.43
(17,2149)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	19	0.43
(17,2149)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	19	0.43
(17,2149)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	19	0.43
(17,2149)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	19	0.43
(17,2149)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	19	0.43
(17,2149)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	19	0.43
(17,2076)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	4	0.43
(17,2076)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	4	0.43
(17,2076)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	4	0.43
(17,2076)	1:31:A:PRO:HD2	1:144:A:LEU:HD21	4	0.43
(17,2076)	1:31:A:PRO:HD2	1:144:A:LEU:HD22	4	0.43
(17,2076)	1:31:A:PRO:HD2	1:144:A:LEU:HD23	4	0.43
(17,2076)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	4	0.43
(17,2076)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	4	0.43
(17,2076)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	4	0.43
(17,2076)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	4	0.43
(17,2076)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	4	0.43
(17,2076)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	4	0.43
(17,1926)	1:13:A:ALA:H	1:80:A:TYR:HE1	4	0.43
(17,1926)	1:13:A:ALA:H	1:80:A:TYR:HE2	4	0.43
(17,1897)	1:68:A:LYS:HA	1:72:A:PHE:HE1	11	0.43
(17,1897)	1:68:A:LYS:HA	1:72:A:PHE:HE2	11	0.43
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	12	0.43
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	12	0.43
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	12	0.43
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	12	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	12	0.43
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	12	0.43
(17,1686)	1:107:A:LEU:H	1:111:A:GLU:HB2	10	0.43
(17,1686)	1:107:A:LEU:H	1:111:A:GLU:HB3	10	0.43
(17,1674)	1:69:A:MET:HE1	1:116:A:GLN:HG3	13	0.43
(17,1674)	1:69:A:MET:HE2	1:116:A:GLN:HG3	13	0.43
(17,1674)	1:69:A:MET:HE3	1:116:A:GLN:HG3	13	0.43
(17,1663)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	15	0.43
(17,1663)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	15	0.43
(17,1663)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	15	0.43
(17,1626)	1:126:A:GLY:H	1:128:A:LEU:HD11	5	0.43
(17,1626)	1:126:A:GLY:H	1:128:A:LEU:HD12	5	0.43
(17,1626)	1:126:A:GLY:H	1:128:A:LEU:HD13	5	0.43
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD21	5	0.43
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD22	5	0.43
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD23	5	0.43
(17,1552)	1:69:A:MET:HE1	1:76:A:ARG:HG2	13	0.43
(17,1552)	1:69:A:MET:HE1	1:76:A:ARG:HG3	13	0.43
(17,1552)	1:69:A:MET:HE2	1:76:A:ARG:HG2	13	0.43
(17,1552)	1:69:A:MET:HE2	1:76:A:ARG:HG3	13	0.43
(17,1552)	1:69:A:MET:HE3	1:76:A:ARG:HG2	13	0.43
(17,1552)	1:69:A:MET:HE3	1:76:A:ARG:HG3	13	0.43
(17,1552)	1:69:A:MET:HE1	1:76:A:ARG:HG2	14	0.43
(17,1552)	1:69:A:MET:HE1	1:76:A:ARG:HG3	14	0.43
(17,1552)	1:69:A:MET:HE2	1:76:A:ARG:HG2	14	0.43
(17,1552)	1:69:A:MET:HE2	1:76:A:ARG:HG3	14	0.43
(17,1552)	1:69:A:MET:HE3	1:76:A:ARG:HG2	14	0.43
(17,1552)	1:69:A:MET:HE3	1:76:A:ARG:HG3	14	0.43
(17,1503)	1:101:A:ILE:HG21	1:102:A:PRO:HA	16	0.43
(17,1503)	1:101:A:ILE:HG22	1:102:A:PRO:HA	16	0.43
(17,1503)	1:101:A:ILE:HG23	1:102:A:PRO:HA	16	0.43
(17,1477)	1:13:A:ALA:HB1	1:79:A:THR:HB	4	0.43
(17,1477)	1:13:A:ALA:HB2	1:79:A:THR:HB	4	0.43
(17,1477)	1:13:A:ALA:HB3	1:79:A:THR:HB	4	0.43
(17,1262)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	3	0.43
(17,1262)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	3	0.43
(17,1262)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	3	0.43
(17,1262)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	3	0.43
(17,1262)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	3	0.43
(17,1262)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	3	0.43
(17,1262)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	3	0.43
(17,1262)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	3	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1262)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	3	0.43
(17,1218)	1:41:A:LYS:HG3	1:44:A:GLU:HG2	13	0.43
(17,1185)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	4	0.43
(17,1185)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	4	0.43
(17,1185)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	4	0.43
(17,1185)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	4	0.43
(17,1185)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	4	0.43
(17,1185)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	4	0.43
(17,1177)	1:140:A:LEU:HD21	1:144:A:LEU:H	3	0.43
(17,1177)	1:140:A:LEU:HD22	1:144:A:LEU:H	3	0.43
(17,1177)	1:140:A:LEU:HD23	1:144:A:LEU:H	3	0.43
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	3	0.43
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	3	0.43
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	3	0.43
(17,1021)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	11	0.43
(17,1021)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	11	0.43
(17,977)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	5	0.43
(17,977)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	5	0.43
(17,977)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	5	0.43
(17,825)	1:98:A:ILE:HA	1:98:A:ILE:HD11	16	0.43
(17,825)	1:98:A:ILE:HA	1:98:A:ILE:HD12	16	0.43
(17,825)	1:98:A:ILE:HA	1:98:A:ILE:HD13	16	0.43
(17,744)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	16	0.43
(17,736)	1:43:A:MET:H	1:46:A:ASN:HD21	11	0.43
(17,550)	1:124:A:THR:H	1:128:A:LEU:HD21	15	0.43
(17,550)	1:124:A:THR:H	1:128:A:LEU:HD22	15	0.43
(17,550)	1:124:A:THR:H	1:128:A:LEU:HD23	15	0.43
(17,289)	1:121:A:VAL:H	1:123:A:CYS:H	2	0.43
(17,232)	1:40:A:LEU:HD21	1:44:A:GLU:H	11	0.43
(17,232)	1:40:A:LEU:HD22	1:44:A:GLU:H	11	0.43
(17,232)	1:40:A:LEU:HD23	1:44:A:GLU:H	11	0.43
(17,16)	1:64:A:LYS:H	1:64:A:LYS:HD2	17	0.43
(17,16)	1:64:A:LYS:H	1:64:A:LYS:HD3	17	0.43
(16,2371)	1:116:A:GLN:HG2	1:117:A:VAL:HA	9	0.43
(16,2371)	1:116:A:GLN:HG3	1:117:A:VAL:HA	9	0.43
(16,2282)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	16	0.43
(16,2282)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	16	0.43
(16,2282)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	16	0.43
(16,2282)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	16	0.43
(16,2282)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	16	0.43
(16,2282)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	16	0.43
(16,2282)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	16	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2282)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	16	0.43
(16,2282)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	16	0.43
(16,2282)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	16	0.43
(16,2282)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	16	0.43
(16,2282)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	16	0.43
(16,2282)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	16	0.43
(16,2282)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	16	0.43
(16,2282)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	16	0.43
(16,2282)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	16	0.43
(16,2282)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	16	0.43
(16,2282)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	16	0.43
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD11	16	0.43
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD12	16	0.43
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD13	16	0.43
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD21	16	0.43
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD22	16	0.43
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD23	16	0.43
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD11	16	0.43
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD12	16	0.43
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD13	16	0.43
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD21	16	0.43
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD22	16	0.43
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD23	16	0.43
(16,1950)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	12	0.43
(16,1950)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	12	0.43
(16,1950)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	12	0.43
(16,1950)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	12	0.43
(16,1950)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	12	0.43
(16,1950)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	12	0.43
(16,1946)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	2	0.43
(16,1946)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	2	0.43
(16,1946)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	2	0.43
(16,1946)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	2	0.43
(16,1946)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	2	0.43
(16,1946)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	2	0.43
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD11	16	0.43
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD12	16	0.43
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD13	16	0.43
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD21	16	0.43
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD22	16	0.43
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD23	16	0.43
(16,1896)	1:13:A:ALA:H	1:80:A:TYR:HE1	4	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1896)	1:13:A:ALA:H	1:80:A:TYR:HE2	4	0.43
(16,1868)	1:68:A:LYS:HA	1:72:A:PHE:HE1	11	0.43
(16,1868)	1:68:A:LYS:HA	1:72:A:PHE:HE2	11	0.43
(16,1838)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	2	0.43
(16,1838)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	2	0.43
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB2	11	0.43
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB3	11	0.43
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB2	13	0.43
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB3	13	0.43
(16,1641)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	15	0.43
(16,1641)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	15	0.43
(16,1641)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	15	0.43
(16,1564)	1:63:A:ILE:HD11	1:113:A:PHE:HA	12	0.43
(16,1564)	1:63:A:ILE:HD12	1:113:A:PHE:HA	12	0.43
(16,1564)	1:63:A:ILE:HD13	1:113:A:PHE:HA	12	0.43
(16,1536)	1:76:A:ARG:HE	1:110:A:MET:HE1	16	0.43
(16,1536)	1:76:A:ARG:HE	1:110:A:MET:HE2	16	0.43
(16,1536)	1:76:A:ARG:HE	1:110:A:MET:HE3	16	0.43
(16,1480)	1:101:A:ILE:HG21	1:102:A:PRO:HA	16	0.43
(16,1480)	1:101:A:ILE:HG22	1:102:A:PRO:HA	16	0.43
(16,1480)	1:101:A:ILE:HG23	1:102:A:PRO:HA	16	0.43
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD11	1	0.43
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD12	1	0.43
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD13	1	0.43
(16,1354)	1:73:A:ILE:HB	1:76:A:ARG:HA	5	0.43
(16,1303)	1:11:A:ILE:HA	1:14:A:VAL:HG11	15	0.43
(16,1303)	1:11:A:ILE:HA	1:14:A:VAL:HG12	15	0.43
(16,1303)	1:11:A:ILE:HA	1:14:A:VAL:HG13	15	0.43
(16,1196)	1:40:A:LEU:H	1:40:A:LEU:HD21	16	0.43
(16,1196)	1:40:A:LEU:H	1:40:A:LEU:HD22	16	0.43
(16,1196)	1:40:A:LEU:H	1:40:A:LEU:HD23	16	0.43
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD21	7	0.43
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD22	7	0.43
(16,1177)	1:27:A:ARG:HA	1:30:A:LEU:HD23	7	0.43
(16,1121)	1:146:A:GLN:HA	1:147:A:ARG:HG2	5	0.43
(16,1121)	1:146:A:GLN:HA	1:147:A:ARG:HG3	5	0.43
(16,936)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	11	0.43
(16,936)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	11	0.43
(16,936)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	11	0.43
(16,936)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	11	0.43
(16,936)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	11	0.43
(16,936)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	11	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,936)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	16	0.43
(16,936)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	16	0.43
(16,936)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	16	0.43
(16,936)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	16	0.43
(16,936)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	16	0.43
(16,936)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	16	0.43
(16,870)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	14	0.43
(16,855)	1:68:A:LYS:HA	1:68:A:LYS:HE2	1	0.43
(16,855)	1:68:A:LYS:HA	1:68:A:LYS:HE3	1	0.43
(16,824)	1:98:A:ILE:HA	1:98:A:ILE:HD11	16	0.43
(16,824)	1:98:A:ILE:HA	1:98:A:ILE:HD12	16	0.43
(16,824)	1:98:A:ILE:HA	1:98:A:ILE:HD13	16	0.43
(16,808)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	11	0.43
(16,808)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	11	0.43
(16,808)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	11	0.43
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE1	7	0.43
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE2	7	0.43
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE3	7	0.43
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE1	7	0.43
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE2	7	0.43
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE3	7	0.43
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE1	7	0.43
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE2	7	0.43
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE3	7	0.43
(16,753)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	5	0.43
(16,753)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	5	0.43
(16,658)	1:79:A:THR:H	1:80:A:TYR:HD1	5	0.43
(16,658)	1:79:A:THR:H	1:80:A:TYR:HD2	5	0.43
(16,296)	1:121:A:VAL:H	1:123:A:CYS:H	2	0.43
(16,35)	1:95:A:ILE:HB	1:96:A:VAL:H	14	0.43
(16,9)	1:63:A:ILE:HG13	1:64:A:LYS:H	19	0.43
(15,2263)	1:79:A:THR:HG21	1:81:A:GLU:HB2	3	0.43
(15,2263)	1:79:A:THR:HG21	1:81:A:GLU:HB3	3	0.43
(15,2263)	1:79:A:THR:HG22	1:81:A:GLU:HB2	3	0.43
(15,2263)	1:79:A:THR:HG22	1:81:A:GLU:HB3	3	0.43
(15,2263)	1:79:A:THR:HG23	1:81:A:GLU:HB2	3	0.43
(15,2263)	1:79:A:THR:HG23	1:81:A:GLU:HB3	3	0.43
(15,2139)	1:47:A:ALA:H	1:131:A:LEU:HD11	10	0.43
(15,2139)	1:47:A:ALA:H	1:131:A:LEU:HD12	10	0.43
(15,2139)	1:47:A:ALA:H	1:131:A:LEU:HD13	10	0.43
(15,2139)	1:47:A:ALA:H	1:131:A:LEU:HD21	10	0.43
(15,2139)	1:47:A:ALA:H	1:131:A:LEU:HD22	10	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2139)	1:47:A:ALA:H	1:131:A:LEU:HD23	10	0.43
(15,2105)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	13	0.43
(15,2105)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	13	0.43
(15,2105)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	13	0.43
(15,2105)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	13	0.43
(15,2105)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	13	0.43
(15,2105)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	13	0.43
(15,2105)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	13	0.43
(15,2105)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	13	0.43
(15,2105)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	13	0.43
(15,2105)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	13	0.43
(15,2105)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	13	0.43
(15,2105)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	13	0.43
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD11	2	0.43
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD12	2	0.43
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD13	2	0.43
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD21	2	0.43
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD22	2	0.43
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD23	2	0.43
(15,1904)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	5	0.43
(15,1904)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	5	0.43
(15,1892)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	9	0.43
(15,1892)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	18	0.43
(15,1803)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	6	0.43
(15,1803)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	6	0.43
(15,1803)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	6	0.43
(15,1803)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	6	0.43
(15,1803)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	6	0.43
(15,1803)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	6	0.43
(15,1664)	1:107:A:LEU:H	1:111:A:GLU:HB2	10	0.43
(15,1664)	1:107:A:LEU:H	1:111:A:GLU:HB3	10	0.43
(15,1643)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	15	0.43
(15,1643)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	15	0.43
(15,1643)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	15	0.43
(15,1578)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	18	0.43
(15,1578)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	18	0.43
(15,1578)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	18	0.43
(15,1577)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	11	0.43
(15,1577)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	11	0.43
(15,1577)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	11	0.43
(15,1577)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	17	0.43
(15,1577)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	17	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1577)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	17	0.43
(15,1257)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	3	0.43
(15,1257)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	3	0.43
(15,1257)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	3	0.43
(15,1257)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	3	0.43
(15,1257)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	3	0.43
(15,1257)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	3	0.43
(15,1257)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	3	0.43
(15,1257)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	3	0.43
(15,1257)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	3	0.43
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	6	0.43
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	6	0.43
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	6	0.43
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	8	0.43
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	8	0.43
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	8	0.43
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD11	8	0.43
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD12	8	0.43
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD13	8	0.43
(15,1030)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	14	0.43
(15,912)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	1	0.43
(15,912)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	1	0.43
(15,912)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	1	0.43
(15,883)	1:151:A:PHE:H	1:151:A:PHE:HB3	5	0.43
(15,862)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	14	0.43
(15,835)	1:114:A:ILE:HA	1:114:A:ILE:HD11	6	0.43
(15,835)	1:114:A:ILE:HA	1:114:A:ILE:HD12	6	0.43
(15,835)	1:114:A:ILE:HA	1:114:A:ILE:HD13	6	0.43
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	15	0.43
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	15	0.43
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	15	0.43
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	15	0.43
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	15	0.43
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	15	0.43
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	15	0.43
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	15	0.43
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	15	0.43
(15,763)	1:37:A:LEU:H	1:40:A:LEU:HB2	5	0.43
(15,517)	1:70:A:LYS:HE2	1:71:A:LYS:H	8	0.43
(15,517)	1:70:A:LYS:HE3	1:71:A:LYS:H	8	0.43
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD21	6	0.43
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD22	6	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,413)	1:125:A:THR:H	1:128:A:LEU:HD23	6	0.43
(15,377)	1:40:A:LEU:HB2	1:41:A:LYS:H	7	0.43
(15,265)	1:39:A:VAL:H	1:39:A:VAL:HB	7	0.43
(15,129)	1:79:A:THR:HB	1:80:A:TYR:H	17	0.43
(15,127)	1:79:A:THR:HA	1:80:A:TYR:H	17	0.43
(15,55)	1:98:A:ILE:H	1:101:A:ILE:HG13	4	0.43
(15,35)	1:96:A:VAL:H	1:97:A:ASP:HB2	18	0.43
(15,35)	1:96:A:VAL:H	1:97:A:ASP:HB3	18	0.43
(13,2310)	1:107:A:LEU:HD11	1:112:A:GLN:H	16	0.43
(13,2310)	1:107:A:LEU:HD12	1:112:A:GLN:H	16	0.43
(13,2310)	1:107:A:LEU:HD13	1:112:A:GLN:H	16	0.43
(13,2310)	1:107:A:LEU:HD21	1:112:A:GLN:H	16	0.43
(13,2310)	1:107:A:LEU:HD22	1:112:A:GLN:H	16	0.43
(13,2310)	1:107:A:LEU:HD23	1:112:A:GLN:H	16	0.43
(13,2261)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	12	0.43
(13,2261)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	12	0.43
(13,2261)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	12	0.43
(13,2261)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	12	0.43
(13,2261)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	12	0.43
(13,2261)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	12	0.43
(13,2122)	1:47:A:ALA:H	1:131:A:LEU:HD11	10	0.43
(13,2122)	1:47:A:ALA:H	1:131:A:LEU:HD12	10	0.43
(13,2122)	1:47:A:ALA:H	1:131:A:LEU:HD13	10	0.43
(13,2122)	1:47:A:ALA:H	1:131:A:LEU:HD21	10	0.43
(13,2122)	1:47:A:ALA:H	1:131:A:LEU:HD22	10	0.43
(13,2122)	1:47:A:ALA:H	1:131:A:LEU:HD23	10	0.43
(13,1916)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	2	0.43
(13,1916)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	2	0.43
(13,1916)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	2	0.43
(13,1916)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	2	0.43
(13,1916)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	2	0.43
(13,1916)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	2	0.43
(13,1637)	1:107:A:LEU:H	1:111:A:GLU:HB2	10	0.43
(13,1637)	1:107:A:LEU:H	1:111:A:GLU:HB3	10	0.43
(13,1555)	1:98:A:ILE:HG21	1:116:A:GLN:H	15	0.43
(13,1555)	1:98:A:ILE:HG22	1:116:A:GLN:H	15	0.43
(13,1555)	1:98:A:ILE:HG23	1:116:A:GLN:H	15	0.43
(13,1518)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	17	0.43
(13,1518)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	17	0.43
(13,1518)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	17	0.43
(13,1518)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	17	0.43
(13,1518)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	17	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1518)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	17	0.43
(13,1454)	1:101:A:ILE:HG21	1:102:A:PRO:HA	16	0.43
(13,1454)	1:101:A:ILE:HG22	1:102:A:PRO:HA	16	0.43
(13,1454)	1:101:A:ILE:HG23	1:102:A:PRO:HA	16	0.43
(13,1289)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	8	0.43
(13,1289)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	8	0.43
(13,1289)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	8	0.43
(13,1227)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	8	0.43
(13,1227)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	8	0.43
(13,1227)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	8	0.43
(13,1227)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	8	0.43
(13,1227)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	8	0.43
(13,1227)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	8	0.43
(13,1227)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	8	0.43
(13,1227)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	8	0.43
(13,1227)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	8	0.43
(13,1068)	1:45:A:ALA:HA	1:48:A:ARG:HG2	7	0.43
(13,1068)	1:45:A:ALA:HA	1:48:A:ARG:HG3	7	0.43
(13,1043)	1:95:A:ILE:HA	1:96:A:VAL:HB	17	0.43
(13,928)	1:11:A:ILE:HD11	1:12:A:VAL:HA	10	0.43
(13,928)	1:11:A:ILE:HD12	1:12:A:VAL:HA	10	0.43
(13,928)	1:11:A:ILE:HD13	1:12:A:VAL:HA	10	0.43
(13,925)	1:67:A:PRO:HA	1:70:A:LYS:HB2	4	0.43
(13,925)	1:67:A:PRO:HA	1:70:A:LYS:HB3	4	0.43
(13,854)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	15	0.43
(13,854)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	15	0.43
(13,801)	1:98:A:ILE:HA	1:98:A:ILE:HD11	16	0.43
(13,801)	1:98:A:ILE:HA	1:98:A:ILE:HD12	16	0.43
(13,801)	1:98:A:ILE:HA	1:98:A:ILE:HD13	16	0.43
(13,783)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	11	0.43
(13,783)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	11	0.43
(13,783)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	11	0.43
(13,727)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	5	0.43
(13,727)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	5	0.43
(13,549)	1:124:A:THR:H	1:128:A:LEU:HD21	15	0.43
(13,549)	1:124:A:THR:H	1:128:A:LEU:HD22	15	0.43
(13,549)	1:124:A:THR:H	1:128:A:LEU:HD23	15	0.43
(13,119)	1:79:A:THR:HA	1:80:A:TYR:H	17	0.43
(13,32)	1:96:A:VAL:H	1:97:A:ASP:HB2	18	0.43
(13,32)	1:96:A:VAL:H	1:97:A:ASP:HB3	18	0.43
(11,2162)	1:43:A:MET:HE1	1:46:A:ASN:HD21	4	0.43
(11,2162)	1:43:A:MET:HE1	1:46:A:ASN:HD22	4	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2162)	1:43:A:MET:HE2	1:46:A:ASN:HD21	4	0.43
(11,2162)	1:43:A:MET:HE2	1:46:A:ASN:HD22	4	0.43
(11,2162)	1:43:A:MET:HE3	1:46:A:ASN:HD21	4	0.43
(11,2162)	1:43:A:MET:HE3	1:46:A:ASN:HD22	4	0.43
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG11	2	0.43
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG12	2	0.43
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG13	2	0.43
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG21	2	0.43
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG22	2	0.43
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG23	2	0.43
(11,2136)	1:39:A:VAL:HG11	1:144:A:LEU:HD11	3	0.43
(11,2136)	1:39:A:VAL:HG11	1:144:A:LEU:HD12	3	0.43
(11,2136)	1:39:A:VAL:HG11	1:144:A:LEU:HD13	3	0.43
(11,2136)	1:39:A:VAL:HG12	1:144:A:LEU:HD11	3	0.43
(11,2136)	1:39:A:VAL:HG12	1:144:A:LEU:HD12	3	0.43
(11,2136)	1:39:A:VAL:HG12	1:144:A:LEU:HD13	3	0.43
(11,2136)	1:39:A:VAL:HG13	1:144:A:LEU:HD11	3	0.43
(11,2136)	1:39:A:VAL:HG13	1:144:A:LEU:HD12	3	0.43
(11,2136)	1:39:A:VAL:HG13	1:144:A:LEU:HD13	3	0.43
(11,2136)	1:39:A:VAL:HG21	1:144:A:LEU:HD11	3	0.43
(11,2136)	1:39:A:VAL:HG21	1:144:A:LEU:HD12	3	0.43
(11,2136)	1:39:A:VAL:HG21	1:144:A:LEU:HD13	3	0.43
(11,2136)	1:39:A:VAL:HG22	1:144:A:LEU:HD11	3	0.43
(11,2136)	1:39:A:VAL:HG22	1:144:A:LEU:HD12	3	0.43
(11,2136)	1:39:A:VAL:HG22	1:144:A:LEU:HD13	3	0.43
(11,2136)	1:39:A:VAL:HG23	1:144:A:LEU:HD11	3	0.43
(11,2136)	1:39:A:VAL:HG23	1:144:A:LEU:HD12	3	0.43
(11,2136)	1:39:A:VAL:HG23	1:144:A:LEU:HD13	3	0.43
(11,2136)	1:39:A:VAL:HG11	1:144:A:LEU:HD21	3	0.43
(11,2136)	1:39:A:VAL:HG11	1:144:A:LEU:HD22	3	0.43
(11,2136)	1:39:A:VAL:HG11	1:144:A:LEU:HD23	3	0.43
(11,2136)	1:39:A:VAL:HG12	1:144:A:LEU:HD21	3	0.43
(11,2136)	1:39:A:VAL:HG12	1:144:A:LEU:HD22	3	0.43
(11,2136)	1:39:A:VAL:HG12	1:144:A:LEU:HD23	3	0.43
(11,2136)	1:39:A:VAL:HG13	1:144:A:LEU:HD21	3	0.43
(11,2136)	1:39:A:VAL:HG13	1:144:A:LEU:HD22	3	0.43
(11,2136)	1:39:A:VAL:HG13	1:144:A:LEU:HD23	3	0.43
(11,2136)	1:39:A:VAL:HG21	1:144:A:LEU:HD21	3	0.43
(11,2136)	1:39:A:VAL:HG21	1:144:A:LEU:HD22	3	0.43
(11,2136)	1:39:A:VAL:HG21	1:144:A:LEU:HD23	3	0.43
(11,2136)	1:39:A:VAL:HG22	1:144:A:LEU:HD21	3	0.43
(11,2136)	1:39:A:VAL:HG22	1:144:A:LEU:HD22	3	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2136)	1:39:A:VAL:HG22	1:144:A:LEU:HD23	3	0.43
(11,2136)	1:39:A:VAL:HG23	1:144:A:LEU:HD21	3	0.43
(11,2136)	1:39:A:VAL:HG23	1:144:A:LEU:HD22	3	0.43
(11,2136)	1:39:A:VAL:HG23	1:144:A:LEU:HD23	3	0.43
(11,2123)	1:39:A:VAL:HG11	1:43:A:MET:HB2	4	0.43
(11,2123)	1:39:A:VAL:HG12	1:43:A:MET:HB2	4	0.43
(11,2123)	1:39:A:VAL:HG13	1:43:A:MET:HB2	4	0.43
(11,2123)	1:39:A:VAL:HG21	1:43:A:MET:HB2	4	0.43
(11,2123)	1:39:A:VAL:HG22	1:43:A:MET:HB2	4	0.43
(11,2123)	1:39:A:VAL:HG23	1:43:A:MET:HB2	4	0.43
(11,2074)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	13	0.43
(11,2074)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	13	0.43
(11,2074)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	13	0.43
(11,2074)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	13	0.43
(11,1941)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	18	0.43
(11,1941)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	18	0.43
(11,1873)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	2	0.43
(11,1873)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	2	0.43
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD2	18	0.43
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD3	18	0.43
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD2	18	0.43
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD3	18	0.43
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD2	18	0.43
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD3	18	0.43
(11,1704)	1:107:A:LEU:H	1:111:A:GLU:HB2	10	0.43
(11,1704)	1:107:A:LEU:H	1:111:A:GLU:HB3	10	0.43
(11,1570)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	17	0.43
(11,1570)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	17	0.43
(11,1570)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	17	0.43
(11,1570)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	17	0.43
(11,1570)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	17	0.43
(11,1570)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	17	0.43
(11,1558)	1:76:A:ARG:HE	1:110:A:MET:HE1	16	0.43
(11,1558)	1:76:A:ARG:HE	1:110:A:MET:HE2	16	0.43
(11,1558)	1:76:A:ARG:HE	1:110:A:MET:HE3	16	0.43
(11,1501)	1:101:A:ILE:HG21	1:102:A:PRO:HA	16	0.43
(11,1501)	1:101:A:ILE:HG22	1:102:A:PRO:HA	16	0.43
(11,1501)	1:101:A:ILE:HG23	1:102:A:PRO:HA	16	0.43
(11,1417)	1:11:A:ILE:HG21	1:44:A:GLU:HB2	10	0.43
(11,1417)	1:11:A:ILE:HG21	1:44:A:GLU:HB3	10	0.43
(11,1417)	1:11:A:ILE:HG22	1:44:A:GLU:HB2	10	0.43
(11,1417)	1:11:A:ILE:HG22	1:44:A:GLU:HB3	10	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1417)	1:11:A:ILE:HG23	1:44:A:GLU:HB2	10	0.43
(11,1417)	1:11:A:ILE:HG23	1:44:A:GLU:HB3	10	0.43
(11,1179)	1:140:A:LEU:HD21	1:144:A:LEU:H	3	0.43
(11,1179)	1:140:A:LEU:HD22	1:144:A:LEU:H	3	0.43
(11,1179)	1:140:A:LEU:HD23	1:144:A:LEU:H	3	0.43
(11,1027)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	11	0.43
(11,1027)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	11	0.43
(11,997)	1:12:A:VAL:HB	1:43:A:MET:HE1	3	0.43
(11,997)	1:12:A:VAL:HB	1:43:A:MET:HE2	3	0.43
(11,997)	1:12:A:VAL:HB	1:43:A:MET:HE3	3	0.43
(11,949)	1:67:A:PRO:HA	1:70:A:LYS:HB2	4	0.43
(11,949)	1:67:A:PRO:HA	1:70:A:LYS:HB3	4	0.43
(11,900)	1:54:A:ARG:HA	1:58:A:ILE:HB	11	0.43
(11,845)	1:68:A:LYS:HA	1:68:A:LYS:HE2	1	0.43
(11,845)	1:68:A:LYS:HA	1:68:A:LYS:HE3	1	0.43
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	14	0.43
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	14	0.43
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	14	0.43
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	14	0.43
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	14	0.43
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	14	0.43
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	14	0.43
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	14	0.43
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	14	0.43
(11,817)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	18	0.43
(11,817)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	18	0.43
(11,817)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	18	0.43
(11,813)	1:98:A:ILE:HA	1:98:A:ILE:HD11	16	0.43
(11,813)	1:98:A:ILE:HA	1:98:A:ILE:HD12	16	0.43
(11,813)	1:98:A:ILE:HA	1:98:A:ILE:HD13	16	0.43
(11,742)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	5	0.43
(11,742)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	5	0.43
(11,654)	1:79:A:THR:H	1:80:A:TYR:HD1	5	0.43
(11,654)	1:79:A:THR:H	1:80:A:TYR:HD2	5	0.43
(11,498)	1:105:A:LYS:H	1:105:A:LYS:HD2	17	0.43
(11,498)	1:105:A:LYS:H	1:105:A:LYS:HD3	17	0.43
(11,325)	1:46:A:ASN:H	1:48:A:ARG:HB2	15	0.43
(11,325)	1:46:A:ASN:H	1:48:A:ARG:HB3	15	0.43
(11,260)	1:39:A:VAL:H	1:39:A:VAL:HB	7	0.43
(11,231)	1:40:A:LEU:HD21	1:44:A:GLU:H	11	0.43
(11,231)	1:40:A:LEU:HD22	1:44:A:GLU:H	11	0.43
(11,231)	1:40:A:LEU:HD23	1:44:A:GLU:H	11	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,52)	1:47:A:ALA:H	1:48:A:ARG:HB2	1	0.43
(11,52)	1:47:A:ALA:H	1:48:A:ARG:HB3	1	0.43
(11,36)	1:96:A:VAL:H	1:97:A:ASP:HB2	18	0.43
(11,36)	1:96:A:VAL:H	1:97:A:ASP:HB3	18	0.43
(11,31)	1:35:A:LEU:H	1:35:A:LEU:HG	14	0.43
(11,31)	1:35:A:LEU:H	1:35:A:LEU:HG	15	0.43
(9,2353)	1:129:A:LYS:HG2	1:130:A:GLY:H	1	0.43
(9,2353)	1:129:A:LYS:HG3	1:130:A:GLY:H	1	0.43
(9,2272)	1:107:A:LEU:HD11	1:112:A:GLN:H	16	0.43
(9,2272)	1:107:A:LEU:HD12	1:112:A:GLN:H	16	0.43
(9,2272)	1:107:A:LEU:HD13	1:112:A:GLN:H	16	0.43
(9,2272)	1:107:A:LEU:HD21	1:112:A:GLN:H	16	0.43
(9,2272)	1:107:A:LEU:HD22	1:112:A:GLN:H	16	0.43
(9,2272)	1:107:A:LEU:HD23	1:112:A:GLN:H	16	0.43
(9,2238)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	12	0.43
(9,2238)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	12	0.43
(9,2238)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	12	0.43
(9,2238)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	12	0.43
(9,2238)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	12	0.43
(9,2238)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	12	0.43
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG11	10	0.43
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG12	10	0.43
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG13	10	0.43
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG21	10	0.43
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG22	10	0.43
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG23	10	0.43
(9,2223)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	10	0.43
(9,2223)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	10	0.43
(9,2163)	1:60:A:LEU:HD11	1:61:A:SER:HB2	4	0.43
(9,2163)	1:60:A:LEU:HD11	1:61:A:SER:HB3	4	0.43
(9,2163)	1:60:A:LEU:HD12	1:61:A:SER:HB2	4	0.43
(9,2163)	1:60:A:LEU:HD12	1:61:A:SER:HB3	4	0.43
(9,2163)	1:60:A:LEU:HD13	1:61:A:SER:HB2	4	0.43
(9,2163)	1:60:A:LEU:HD13	1:61:A:SER:HB3	4	0.43
(9,2131)	1:47:A:ALA:H	1:131:A:LEU:HD11	10	0.43
(9,2131)	1:47:A:ALA:H	1:131:A:LEU:HD12	10	0.43
(9,2131)	1:47:A:ALA:H	1:131:A:LEU:HD13	10	0.43
(9,2131)	1:47:A:ALA:H	1:131:A:LEU:HD21	10	0.43
(9,2131)	1:47:A:ALA:H	1:131:A:LEU:HD22	10	0.43
(9,2131)	1:47:A:ALA:H	1:131:A:LEU:HD23	10	0.43
(9,2093)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	17	0.43
(9,2093)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	17	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2093)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	17	0.43
(9,2093)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	17	0.43
(9,2093)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	17	0.43
(9,2093)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	17	0.43
(9,2093)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	17	0.43
(9,2093)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	17	0.43
(9,2093)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	17	0.43
(9,2093)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	17	0.43
(9,2093)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	17	0.43
(9,2093)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	17	0.43
(9,2090)	1:39:A:VAL:HG11	1:41:A:LYS:H	8	0.43
(9,2090)	1:39:A:VAL:HG12	1:41:A:LYS:H	8	0.43
(9,2090)	1:39:A:VAL:HG13	1:41:A:LYS:H	8	0.43
(9,2090)	1:39:A:VAL:HG21	1:41:A:LYS:H	8	0.43
(9,2090)	1:39:A:VAL:HG22	1:41:A:LYS:H	8	0.43
(9,2090)	1:39:A:VAL:HG23	1:41:A:LYS:H	8	0.43
(9,2041)	1:31:A:PRO:HD2	1:144:A:LEU:HA	1	0.43
(9,2041)	1:31:A:PRO:HD3	1:144:A:LEU:HA	1	0.43
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD11	7	0.43
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD12	7	0.43
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD13	7	0.43
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD21	7	0.43
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD22	7	0.43
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD23	7	0.43
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	5	0.43
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	5	0.43
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	5	0.43
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	5	0.43
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	5	0.43
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	5	0.43
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	5	0.43
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	5	0.43
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	5	0.43
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	5	0.43
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	5	0.43
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	5	0.43
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	5	0.43
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	5	0.43
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	5	0.43
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	5	0.43
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	5	0.43
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	5	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1907)	1:13:A:ALA:H	1:80:A:TYR:HE1	4	0.43
(9,1907)	1:13:A:ALA:H	1:80:A:TYR:HE2	4	0.43
(9,1661)	1:107:A:LEU:H	1:111:A:GLU:HB2	10	0.43
(9,1661)	1:107:A:LEU:H	1:111:A:GLU:HB3	10	0.43
(9,1649)	1:69:A:MET:HE1	1:116:A:GLN:HG3	13	0.43
(9,1649)	1:69:A:MET:HE2	1:116:A:GLN:HG3	13	0.43
(9,1649)	1:69:A:MET:HE3	1:116:A:GLN:HG3	13	0.43
(9,1640)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	13	0.43
(9,1640)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	13	0.43
(9,1640)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	13	0.43
(9,1640)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	13	0.43
(9,1640)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	13	0.43
(9,1640)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	13	0.43
(9,1638)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	15	0.43
(9,1638)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	15	0.43
(9,1638)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	15	0.43
(9,1534)	1:76:A:ARG:HE	1:110:A:MET:HE1	16	0.43
(9,1534)	1:76:A:ARG:HE	1:110:A:MET:HE2	16	0.43
(9,1534)	1:76:A:ARG:HE	1:110:A:MET:HE3	16	0.43
(9,1529)	1:69:A:MET:HE1	1:76:A:ARG:HG2	4	0.43
(9,1529)	1:69:A:MET:HE1	1:76:A:ARG:HG3	4	0.43
(9,1529)	1:69:A:MET:HE2	1:76:A:ARG:HG2	4	0.43
(9,1529)	1:69:A:MET:HE2	1:76:A:ARG:HG3	4	0.43
(9,1529)	1:69:A:MET:HE3	1:76:A:ARG:HG2	4	0.43
(9,1529)	1:69:A:MET:HE3	1:76:A:ARG:HG3	4	0.43
(9,1475)	1:101:A:ILE:HG21	1:102:A:PRO:HA	16	0.43
(9,1475)	1:101:A:ILE:HG22	1:102:A:PRO:HA	16	0.43
(9,1475)	1:101:A:ILE:HG23	1:102:A:PRO:HA	16	0.43
(9,1432)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	8	0.43
(9,1432)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	8	0.43
(9,1432)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	8	0.43
(9,1402)	1:60:A:LEU:HD21	1:120:A:CYS:HA	5	0.43
(9,1402)	1:60:A:LEU:HD22	1:120:A:CYS:HA	5	0.43
(9,1402)	1:60:A:LEU:HD23	1:120:A:CYS:HA	5	0.43
(9,1392)	1:11:A:ILE:HG21	1:44:A:GLU:HB2	10	0.43
(9,1392)	1:11:A:ILE:HG21	1:44:A:GLU:HB3	10	0.43
(9,1392)	1:11:A:ILE:HG22	1:44:A:GLU:HB2	10	0.43
(9,1392)	1:11:A:ILE:HG22	1:44:A:GLU:HB3	10	0.43
(9,1392)	1:11:A:ILE:HG23	1:44:A:GLU:HB2	10	0.43
(9,1392)	1:11:A:ILE:HG23	1:44:A:GLU:HB3	10	0.43
(9,1243)	1:38:A:GLU:HB2	1:139:A:LEU:HD21	17	0.43
(9,1243)	1:38:A:GLU:HB2	1:139:A:LEU:HD22	17	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1243)	1:38:A:GLU:HB2	1:139:A:LEU:HD23	17	0.43
(9,1238)	1:39:A:VAL:H	1:139:A:LEU:HD21	16	0.43
(9,1238)	1:39:A:VAL:H	1:139:A:LEU:HD22	16	0.43
(9,1238)	1:39:A:VAL:H	1:139:A:LEU:HD23	16	0.43
(9,1235)	1:43:A:MET:HG2	1:140:A:LEU:HD11	19	0.43
(9,1235)	1:43:A:MET:HG2	1:140:A:LEU:HD12	19	0.43
(9,1235)	1:43:A:MET:HG2	1:140:A:LEU:HD13	19	0.43
(9,985)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	1	0.43
(9,985)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	1	0.43
(9,937)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	13	0.43
(9,927)	1:81:A:GLU:HA	1:81:A:GLU:HG2	13	0.43
(9,927)	1:81:A:GLU:HA	1:81:A:GLU:HG3	13	0.43
(9,914)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	18	0.43
(9,813)	1:98:A:ILE:HA	1:98:A:ILE:HD11	16	0.43
(9,813)	1:98:A:ILE:HA	1:98:A:ILE:HD12	16	0.43
(9,813)	1:98:A:ILE:HA	1:98:A:ILE:HD13	16	0.43
(9,797)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	11	0.43
(9,797)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	11	0.43
(9,797)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	11	0.43
(9,34)	1:95:A:ILE:HB	1:96:A:VAL:H	18	0.43
(9,30)	1:96:A:VAL:H	1:97:A:ASP:H	8	0.43
(9,30)	1:96:A:VAL:H	1:97:A:ASP:H	19	0.43
(7,2320)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	19	0.43
(7,2320)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	19	0.43
(7,2320)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	19	0.43
(7,2320)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	19	0.43
(7,2320)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	19	0.43
(7,2320)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	19	0.43
(7,2320)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	19	0.43
(7,2320)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	19	0.43
(7,2320)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	19	0.43
(7,2320)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	19	0.43
(7,2320)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	19	0.43
(7,2320)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	19	0.43
(7,2206)	1:64:A:LYS:HB2	1:116:A:GLN:HG2	19	0.43
(7,2206)	1:64:A:LYS:HB2	1:116:A:GLN:HG3	19	0.43
(7,2206)	1:64:A:LYS:HB3	1:116:A:GLN:HG2	19	0.43
(7,2206)	1:64:A:LYS:HB3	1:116:A:GLN:HG3	19	0.43
(7,2202)	1:64:A:LYS:H	1:116:A:GLN:HG2	3	0.43
(7,2202)	1:64:A:LYS:H	1:116:A:GLN:HG3	3	0.43
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD11	4	0.43
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD12	4	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD13	4	0.43
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD21	4	0.43
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD22	4	0.43
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD23	4	0.43
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD11	7	0.43
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD12	7	0.43
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD13	7	0.43
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD21	7	0.43
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD22	7	0.43
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD23	7	0.43
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD11	12	0.43
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD12	12	0.43
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD13	12	0.43
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD21	12	0.43
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD22	12	0.43
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD23	12	0.43
(7,1950)	1:14:A:VAL:HG11	1:62:A:HIS:H	7	0.43
(7,1950)	1:14:A:VAL:HG12	1:62:A:HIS:H	7	0.43
(7,1950)	1:14:A:VAL:HG13	1:62:A:HIS:H	7	0.43
(7,1950)	1:14:A:VAL:HG21	1:62:A:HIS:H	7	0.43
(7,1950)	1:14:A:VAL:HG22	1:62:A:HIS:H	7	0.43
(7,1950)	1:14:A:VAL:HG23	1:62:A:HIS:H	7	0.43
(7,1774)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	2	0.43
(7,1774)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	2	0.43
(7,1774)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	2	0.43
(7,1774)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	2	0.43
(7,1663)	1:57:A:LEU:HB3	1:58:A:ILE:HD11	4	0.43
(7,1663)	1:57:A:LEU:HB3	1:58:A:ILE:HD12	4	0.43
(7,1663)	1:57:A:LEU:HB3	1:58:A:ILE:HD13	4	0.43
(7,1653)	1:69:A:MET:HA	1:109:A:PRO:HA	13	0.43
(7,1639)	1:107:A:LEU:H	1:111:A:GLU:HB2	10	0.43
(7,1639)	1:107:A:LEU:H	1:111:A:GLU:HB3	10	0.43
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG21	8	0.43
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG22	8	0.43
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG23	8	0.43
(7,1558)	1:98:A:ILE:HG21	1:116:A:GLN:H	15	0.43
(7,1558)	1:98:A:ILE:HG22	1:116:A:GLN:H	15	0.43
(7,1558)	1:98:A:ILE:HG23	1:116:A:GLN:H	15	0.43
(7,1458)	1:101:A:ILE:HG21	1:102:A:PRO:HA	16	0.43
(7,1458)	1:101:A:ILE:HG22	1:102:A:PRO:HA	16	0.43
(7,1458)	1:101:A:ILE:HG23	1:102:A:PRO:HA	16	0.43
(7,1380)	1:11:A:ILE:HG21	1:44:A:GLU:HB2	10	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1380)	1:11:A:ILE:HG21	1:44:A:GLU:HB3	10	0.43
(7,1380)	1:11:A:ILE:HG22	1:44:A:GLU:HB2	10	0.43
(7,1380)	1:11:A:ILE:HG22	1:44:A:GLU:HB3	10	0.43
(7,1380)	1:11:A:ILE:HG23	1:44:A:GLU:HB2	10	0.43
(7,1380)	1:11:A:ILE:HG23	1:44:A:GLU:HB3	10	0.43
(7,1332)	1:73:A:ILE:HB	1:76:A:ARG:HA	5	0.43
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD11	14	0.43
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD12	14	0.43
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD13	14	0.43
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD11	14	0.43
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD12	14	0.43
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD13	14	0.43
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD11	14	0.43
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD12	14	0.43
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD13	14	0.43
(7,1237)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	3	0.43
(7,1237)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	3	0.43
(7,1237)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	3	0.43
(7,1237)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	3	0.43
(7,1237)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	3	0.43
(7,1237)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	3	0.43
(7,1237)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	3	0.43
(7,1237)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	3	0.43
(7,1237)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	3	0.43
(7,1200)	1:110:A:MET:HA	1:113:A:PHE:HB2	17	0.43
(7,903)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	1	0.43
(7,903)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	1	0.43
(7,903)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	1	0.43
(7,805)	1:98:A:ILE:HA	1:98:A:ILE:HD11	16	0.43
(7,805)	1:98:A:ILE:HA	1:98:A:ILE:HD12	16	0.43
(7,805)	1:98:A:ILE:HA	1:98:A:ILE:HD13	16	0.43
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD11	3	0.43
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD12	3	0.43
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD13	3	0.43
(7,776)	1:63:A:ILE:HD11	1:64:A:LYS:H	15	0.43
(7,776)	1:63:A:ILE:HD12	1:64:A:LYS:H	15	0.43
(7,776)	1:63:A:ILE:HD13	1:64:A:LYS:H	15	0.43
(7,733)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	5	0.43
(7,733)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	5	0.43
(7,732)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	6	0.43
(7,732)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	17	0.43
(7,731)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	16	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,373)	1:40:A:LEU:HB2	1:41:A:LYS:H	18	0.43
(7,361)	1:70:A:LYS:H	1:70:A:LYS:HE2	10	0.43
(7,361)	1:70:A:LYS:H	1:70:A:LYS:HE3	10	0.43
(7,120)	1:79:A:THR:HA	1:80:A:TYR:H	17	0.43
(7,107)	1:69:A:MET:H	1:70:A:LYS:HG3	7	0.43
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD11	19	0.43
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD12	19	0.43
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD13	19	0.43
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD21	19	0.43
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD22	19	0.43
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD23	19	0.43
(6,2333)	1:107:A:LEU:HD11	1:112:A:GLN:H	16	0.43
(6,2333)	1:107:A:LEU:HD12	1:112:A:GLN:H	16	0.43
(6,2333)	1:107:A:LEU:HD13	1:112:A:GLN:H	16	0.43
(6,2333)	1:107:A:LEU:HD21	1:112:A:GLN:H	16	0.43
(6,2333)	1:107:A:LEU:HD22	1:112:A:GLN:H	16	0.43
(6,2333)	1:107:A:LEU:HD23	1:112:A:GLN:H	16	0.43
(6,2210)	1:60:A:LEU:HD11	1:61:A:SER:HB2	6	0.43
(6,2210)	1:60:A:LEU:HD11	1:61:A:SER:HB3	6	0.43
(6,2210)	1:60:A:LEU:HD12	1:61:A:SER:HB2	6	0.43
(6,2210)	1:60:A:LEU:HD12	1:61:A:SER:HB3	6	0.43
(6,2210)	1:60:A:LEU:HD13	1:61:A:SER:HB2	6	0.43
(6,2210)	1:60:A:LEU:HD13	1:61:A:SER:HB3	6	0.43
(6,2034)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	17	0.43
(6,2034)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	17	0.43
(6,2034)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	17	0.43
(6,2034)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	17	0.43
(6,2034)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	17	0.43
(6,2034)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	17	0.43
(6,2034)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	17	0.43
(6,2034)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	17	0.43
(6,2034)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	17	0.43
(6,2034)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	17	0.43
(6,2034)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	17	0.43
(6,2034)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	17	0.43
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD11	14	0.43
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD12	14	0.43
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD13	14	0.43
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD21	14	0.43
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD22	14	0.43
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD23	14	0.43
(6,1919)	1:13:A:ALA:H	1:80:A:TYR:HE1	4	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1919)	1:13:A:ALA:H	1:80:A:TYR:HE2	4	0.43
(6,1890)	1:68:A:LYS:HA	1:72:A:PHE:HE1	11	0.43
(6,1890)	1:68:A:LYS:HA	1:72:A:PHE:HE2	11	0.43
(6,1824)	1:18:A:PHE:HE1	1:131:A:LEU:HB2	17	0.43
(6,1824)	1:18:A:PHE:HE2	1:131:A:LEU:HB2	17	0.43
(6,1754)	1:36:A:PRO:HA	1:37:A:LEU:HD21	4	0.43
(6,1754)	1:36:A:PRO:HA	1:37:A:LEU:HD22	4	0.43
(6,1754)	1:36:A:PRO:HA	1:37:A:LEU:HD23	4	0.43
(6,1671)	1:107:A:LEU:H	1:111:A:GLU:HB2	10	0.43
(6,1671)	1:107:A:LEU:H	1:111:A:GLU:HB3	10	0.43
(6,1651)	1:134:A:VAL:HG11	1:137:A:SER:H	16	0.43
(6,1651)	1:134:A:VAL:HG12	1:137:A:SER:H	16	0.43
(6,1651)	1:134:A:VAL:HG13	1:137:A:SER:H	16	0.43
(6,1577)	1:63:A:ILE:HD11	1:113:A:PHE:HA	19	0.43
(6,1577)	1:63:A:ILE:HD12	1:113:A:PHE:HA	19	0.43
(6,1577)	1:63:A:ILE:HD13	1:113:A:PHE:HA	19	0.43
(6,1549)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	17	0.43
(6,1549)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	17	0.43
(6,1549)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	17	0.43
(6,1549)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	17	0.43
(6,1549)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	17	0.43
(6,1549)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	17	0.43
(6,1514)	1:69:A:MET:HE1	1:116:A:GLN:HE21	11	0.43
(6,1514)	1:69:A:MET:HE2	1:116:A:GLN:HE21	11	0.43
(6,1514)	1:69:A:MET:HE3	1:116:A:GLN:HE21	11	0.43
(6,1433)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	8	0.43
(6,1433)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	8	0.43
(6,1433)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	8	0.43
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	3	0.43
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	3	0.43
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	3	0.43
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	3	0.43
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	3	0.43
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	3	0.43
(6,1395)	1:11:A:ILE:HG21	1:44:A:GLU:HB2	10	0.43
(6,1395)	1:11:A:ILE:HG21	1:44:A:GLU:HB3	10	0.43
(6,1395)	1:11:A:ILE:HG22	1:44:A:GLU:HB2	10	0.43
(6,1395)	1:11:A:ILE:HG22	1:44:A:GLU:HB3	10	0.43
(6,1395)	1:11:A:ILE:HG23	1:44:A:GLU:HB2	10	0.43
(6,1395)	1:11:A:ILE:HG23	1:44:A:GLU:HB3	10	0.43
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD11	1	0.43
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD12	1	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD13	1	0.43
(6,985)	1:98:A:ILE:HB	1:105:A:LYS:HB2	3	0.43
(6,985)	1:98:A:ILE:HB	1:105:A:LYS:HB3	3	0.43
(6,980)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	14	0.43
(6,980)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	14	0.43
(6,980)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	14	0.43
(6,838)	1:68:A:LYS:HA	1:68:A:LYS:HE2	1	0.43
(6,838)	1:68:A:LYS:HA	1:68:A:LYS:HE3	1	0.43
(6,814)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	10	0.43
(6,814)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	10	0.43
(6,814)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	10	0.43
(6,810)	1:98:A:ILE:HA	1:98:A:ILE:HD11	16	0.43
(6,810)	1:98:A:ILE:HA	1:98:A:ILE:HD12	16	0.43
(6,810)	1:98:A:ILE:HA	1:98:A:ILE:HD13	16	0.43
(6,731)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	16	0.43
(6,707)	1:44:A:GLU:HG2	1:48:A:ARG:HE	10	0.43
(6,707)	1:44:A:GLU:HG3	1:48:A:ARG:HE	10	0.43
(6,131)	1:11:A:ILE:HG13	1:12:A:VAL:H	3	0.43
(6,120)	1:79:A:THR:HA	1:80:A:TYR:H	17	0.43
(6,31)	1:95:A:ILE:HB	1:96:A:VAL:H	18	0.43
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	11	0.43
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	11	0.43
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	11	0.43
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	11	0.43
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	11	0.43
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	11	0.43
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	11	0.43
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	11	0.43
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	11	0.43
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	11	0.43
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	11	0.43
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	11	0.43
(5,2407)	1:129:A:LYS:HG2	1:130:A:GLY:H	1	0.43
(5,2407)	1:129:A:LYS:HG3	1:130:A:GLY:H	1	0.43
(5,2226)	1:65:A:CYS:HB2	1:70:A:LYS:HA	17	0.43
(5,2226)	1:65:A:CYS:HB3	1:70:A:LYS:HA	17	0.43
(5,2195)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	7	0.43
(5,2195)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	7	0.43
(5,2111)	1:39:A:VAL:HG11	1:144:A:LEU:HD11	14	0.43
(5,2111)	1:39:A:VAL:HG11	1:144:A:LEU:HD12	14	0.43
(5,2111)	1:39:A:VAL:HG11	1:144:A:LEU:HD13	14	0.43
(5,2111)	1:39:A:VAL:HG11	1:144:A:LEU:HD21	14	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2111)	1:39:A:VAL:HG11	1:144:A:LEU:HD22	14	0.43
(5,2111)	1:39:A:VAL:HG11	1:144:A:LEU:HD23	14	0.43
(5,2111)	1:39:A:VAL:HG12	1:144:A:LEU:HD11	14	0.43
(5,2111)	1:39:A:VAL:HG12	1:144:A:LEU:HD12	14	0.43
(5,2111)	1:39:A:VAL:HG12	1:144:A:LEU:HD13	14	0.43
(5,2111)	1:39:A:VAL:HG12	1:144:A:LEU:HD21	14	0.43
(5,2111)	1:39:A:VAL:HG12	1:144:A:LEU:HD22	14	0.43
(5,2111)	1:39:A:VAL:HG12	1:144:A:LEU:HD23	14	0.43
(5,2111)	1:39:A:VAL:HG13	1:144:A:LEU:HD11	14	0.43
(5,2111)	1:39:A:VAL:HG13	1:144:A:LEU:HD12	14	0.43
(5,2111)	1:39:A:VAL:HG13	1:144:A:LEU:HD13	14	0.43
(5,2111)	1:39:A:VAL:HG13	1:144:A:LEU:HD21	14	0.43
(5,2111)	1:39:A:VAL:HG13	1:144:A:LEU:HD22	14	0.43
(5,2111)	1:39:A:VAL:HG13	1:144:A:LEU:HD23	14	0.43
(5,2111)	1:39:A:VAL:HG21	1:144:A:LEU:HD11	14	0.43
(5,2111)	1:39:A:VAL:HG21	1:144:A:LEU:HD12	14	0.43
(5,2111)	1:39:A:VAL:HG21	1:144:A:LEU:HD13	14	0.43
(5,2111)	1:39:A:VAL:HG21	1:144:A:LEU:HD21	14	0.43
(5,2111)	1:39:A:VAL:HG21	1:144:A:LEU:HD22	14	0.43
(5,2111)	1:39:A:VAL:HG21	1:144:A:LEU:HD23	14	0.43
(5,2111)	1:39:A:VAL:HG22	1:144:A:LEU:HD11	14	0.43
(5,2111)	1:39:A:VAL:HG22	1:144:A:LEU:HD12	14	0.43
(5,2111)	1:39:A:VAL:HG22	1:144:A:LEU:HD13	14	0.43
(5,2111)	1:39:A:VAL:HG22	1:144:A:LEU:HD21	14	0.43
(5,2111)	1:39:A:VAL:HG22	1:144:A:LEU:HD22	14	0.43
(5,2111)	1:39:A:VAL:HG22	1:144:A:LEU:HD23	14	0.43
(5,2111)	1:39:A:VAL:HG23	1:144:A:LEU:HD11	14	0.43
(5,2111)	1:39:A:VAL:HG23	1:144:A:LEU:HD12	14	0.43
(5,2111)	1:39:A:VAL:HG23	1:144:A:LEU:HD13	14	0.43
(5,2111)	1:39:A:VAL:HG23	1:144:A:LEU:HD21	14	0.43
(5,2111)	1:39:A:VAL:HG23	1:144:A:LEU:HD22	14	0.43
(5,2111)	1:39:A:VAL:HG23	1:144:A:LEU:HD23	14	0.43
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD11	2	0.43
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD12	2	0.43
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD13	2	0.43
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD21	2	0.43
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD22	2	0.43
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD23	2	0.43
(5,1932)	1:13:A:ALA:H	1:80:A:TYR:HE1	4	0.43
(5,1932)	1:13:A:ALA:H	1:80:A:TYR:HE2	4	0.43
(5,1925)	1:150:A:THR:H	1:151:A:PHE:HD1	15	0.43
(5,1925)	1:150:A:THR:H	1:151:A:PHE:HD2	15	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1921)	1:63:A:ILE:HB	1:113:A:PHE:HD1	11	0.43
(5,1921)	1:63:A:ILE:HB	1:113:A:PHE:HD2	11	0.43
(5,1906)	1:68:A:LYS:HA	1:72:A:PHE:HE1	11	0.43
(5,1906)	1:68:A:LYS:HA	1:72:A:PHE:HE2	11	0.43
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB2	11	0.43
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB3	11	0.43
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB2	13	0.43
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB3	13	0.43
(5,1677)	1:69:A:MET:HE1	1:116:A:GLN:HE21	11	0.43
(5,1677)	1:69:A:MET:HE2	1:116:A:GLN:HE21	11	0.43
(5,1677)	1:69:A:MET:HE3	1:116:A:GLN:HE21	11	0.43
(5,1664)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	8	0.43
(5,1664)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	8	0.43
(5,1664)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	8	0.43
(5,1664)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	8	0.43
(5,1664)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	8	0.43
(5,1664)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	8	0.43
(5,1609)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	2	0.43
(5,1609)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	2	0.43
(5,1609)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	2	0.43
(5,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	18	0.43
(5,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	18	0.43
(5,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	18	0.43
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD11	16	0.43
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD12	16	0.43
(5,1594)	1:57:A:LEU:HG	1:58:A:ILE:HD13	16	0.43
(5,1553)	1:76:A:ARG:HE	1:110:A:MET:HE1	16	0.43
(5,1553)	1:76:A:ARG:HE	1:110:A:MET:HE2	16	0.43
(5,1553)	1:76:A:ARG:HE	1:110:A:MET:HE3	16	0.43
(5,1455)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	8	0.43
(5,1455)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	8	0.43
(5,1455)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	8	0.43
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	3	0.43
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	3	0.43
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	3	0.43
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	3	0.43
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	3	0.43
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	3	0.43
(5,1421)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	11	0.43
(5,1421)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	11	0.43
(5,1421)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	11	0.43
(5,1421)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	11	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1421)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	11	0.43
(5,1421)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	11	0.43
(5,1421)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	11	0.43
(5,1421)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	11	0.43
(5,1421)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	11	0.43
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG21	13	0.43
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG22	13	0.43
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG23	13	0.43
(5,1296)	1:14:A:VAL:HG21	1:60:A:LEU:H	12	0.43
(5,1296)	1:14:A:VAL:HG22	1:60:A:LEU:H	12	0.43
(5,1296)	1:14:A:VAL:HG23	1:60:A:LEU:H	12	0.43
(5,1267)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	3	0.43
(5,1267)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	3	0.43
(5,1267)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	3	0.43
(5,1267)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	3	0.43
(5,1267)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	3	0.43
(5,1267)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	3	0.43
(5,1267)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	3	0.43
(5,1267)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	3	0.43
(5,1267)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	3	0.43
(5,1178)	1:140:A:LEU:HD21	1:144:A:LEU:H	3	0.43
(5,1178)	1:140:A:LEU:HD22	1:144:A:LEU:H	3	0.43
(5,1178)	1:140:A:LEU:HD23	1:144:A:LEU:H	3	0.43
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD11	8	0.43
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD12	8	0.43
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD13	8	0.43
(5,1031)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	18	0.43
(5,815)	1:98:A:ILE:HA	1:98:A:ILE:HD11	16	0.43
(5,815)	1:98:A:ILE:HA	1:98:A:ILE:HD12	16	0.43
(5,815)	1:98:A:ILE:HA	1:98:A:ILE:HD13	16	0.43
(5,737)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	5	0.43
(5,737)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	5	0.43
(5,736)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	16	0.43
(5,641)	1:66:A:THR:H	1:70:A:LYS:H	5	0.43
(5,562)	1:63:A:ILE:HG21	1:116:A:GLN:H	11	0.43
(5,562)	1:63:A:ILE:HG22	1:116:A:GLN:H	11	0.43
(5,562)	1:63:A:ILE:HG23	1:116:A:GLN:H	11	0.43
(5,287)	1:121:A:VAL:H	1:123:A:CYS:H	2	0.43
(5,116)	1:79:A:THR:HA	1:80:A:TYR:H	17	0.43
(5,39)	1:43:A:MET:HA	1:47:A:ALA:H	11	0.43
(5,34)	1:95:A:ILE:HB	1:96:A:VAL:H	18	0.43
(4,2331)	1:107:A:LEU:HD11	1:112:A:GLN:H	16	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2331)	1:107:A:LEU:HD12	1:112:A:GLN:H	16	0.43
(4,2331)	1:107:A:LEU:HD13	1:112:A:GLN:H	16	0.43
(4,2331)	1:107:A:LEU:HD21	1:112:A:GLN:H	16	0.43
(4,2331)	1:107:A:LEU:HD22	1:112:A:GLN:H	16	0.43
(4,2331)	1:107:A:LEU:HD23	1:112:A:GLN:H	16	0.43
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD11	12	0.43
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD12	12	0.43
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD13	12	0.43
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD21	12	0.43
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD22	12	0.43
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD23	12	0.43
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	12	0.43
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	12	0.43
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	12	0.43
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	12	0.43
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	12	0.43
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	12	0.43
(4,2125)	1:40:A:LEU:HD11	1:44:A:GLU:H	18	0.43
(4,2125)	1:40:A:LEU:HD12	1:44:A:GLU:H	18	0.43
(4,2125)	1:40:A:LEU:HD13	1:44:A:GLU:H	18	0.43
(4,2125)	1:40:A:LEU:HD21	1:44:A:GLU:H	18	0.43
(4,2125)	1:40:A:LEU:HD22	1:44:A:GLU:H	18	0.43
(4,2125)	1:40:A:LEU:HD23	1:44:A:GLU:H	18	0.43
(4,1989)	1:14:A:VAL:HG11	1:62:A:HIS:H	7	0.43
(4,1989)	1:14:A:VAL:HG12	1:62:A:HIS:H	7	0.43
(4,1989)	1:14:A:VAL:HG13	1:62:A:HIS:H	7	0.43
(4,1989)	1:14:A:VAL:HG21	1:62:A:HIS:H	7	0.43
(4,1989)	1:14:A:VAL:HG22	1:62:A:HIS:H	7	0.43
(4,1989)	1:14:A:VAL:HG23	1:62:A:HIS:H	7	0.43
(4,1972)	1:14:A:VAL:HB	1:57:A:LEU:HD11	14	0.43
(4,1972)	1:14:A:VAL:HB	1:57:A:LEU:HD12	14	0.43
(4,1972)	1:14:A:VAL:HB	1:57:A:LEU:HD13	14	0.43
(4,1972)	1:14:A:VAL:HB	1:57:A:LEU:HD21	14	0.43
(4,1972)	1:14:A:VAL:HB	1:57:A:LEU:HD22	14	0.43
(4,1972)	1:14:A:VAL:HB	1:57:A:LEU:HD23	14	0.43
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD11	5	0.43
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD12	5	0.43
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD13	5	0.43
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD21	5	0.43
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD22	5	0.43
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD23	5	0.43
(4,1885)	1:13:A:ALA:H	1:80:A:TYR:HE1	4	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1885)	1:13:A:ALA:H	1:80:A:TYR:HE2	4	0.43
(4,1860)	1:104:A:PHE:HE1	1:115:A:ALA:H	13	0.43
(4,1860)	1:104:A:PHE:HE2	1:115:A:ALA:H	13	0.43
(4,1854)	1:14:A:VAL:HA	1:18:A:PHE:HD1	2	0.43
(4,1854)	1:14:A:VAL:HA	1:18:A:PHE:HD2	2	0.43
(4,1854)	1:14:A:VAL:HA	1:18:A:PHE:HD1	7	0.43
(4,1854)	1:14:A:VAL:HA	1:18:A:PHE:HD2	7	0.43
(4,1787)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	2	0.43
(4,1787)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	2	0.43
(4,1787)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	2	0.43
(4,1787)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	2	0.43
(4,1663)	1:69:A:MET:HA	1:109:A:PRO:HA	13	0.43
(4,1647)	1:107:A:LEU:H	1:111:A:GLU:HB2	10	0.43
(4,1647)	1:107:A:LEU:H	1:111:A:GLU:HB3	10	0.43
(4,1533)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	17	0.43
(4,1533)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	17	0.43
(4,1533)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	17	0.43
(4,1533)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	17	0.43
(4,1533)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	17	0.43
(4,1533)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	17	0.43
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	1	0.43
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	1	0.43
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	1	0.43
(4,1419)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	8	0.43
(4,1419)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	8	0.43
(4,1419)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	8	0.43
(4,1380)	1:11:A:ILE:HG21	1:44:A:GLU:HB2	10	0.43
(4,1380)	1:11:A:ILE:HG21	1:44:A:GLU:HB3	10	0.43
(4,1380)	1:11:A:ILE:HG22	1:44:A:GLU:HB2	10	0.43
(4,1380)	1:11:A:ILE:HG22	1:44:A:GLU:HB3	10	0.43
(4,1380)	1:11:A:ILE:HG23	1:44:A:GLU:HB2	10	0.43
(4,1380)	1:11:A:ILE:HG23	1:44:A:GLU:HB3	10	0.43
(4,1353)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	19	0.43
(4,1353)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	19	0.43
(4,1353)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	19	0.43
(4,1330)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	10	0.43
(4,1330)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	10	0.43
(4,1330)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	10	0.43
(4,1325)	1:17:A:ASN:HA	1:76:A:ARG:HA	13	0.43
(4,1236)	1:23:A:LEU:HD11	1:25:A:ALA:H	17	0.43
(4,1236)	1:23:A:LEU:HD12	1:25:A:ALA:H	17	0.43
(4,1236)	1:23:A:LEU:HD13	1:25:A:ALA:H	17	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1236)	1:23:A:LEU:HD11	1:25:A:ALA:H	18	0.43
(4,1236)	1:23:A:LEU:HD12	1:25:A:ALA:H	18	0.43
(4,1236)	1:23:A:LEU:HD13	1:25:A:ALA:H	18	0.43
(4,1126)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	18	0.43
(4,1126)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	18	0.43
(4,1126)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	18	0.43
(4,1126)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	18	0.43
(4,1126)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	18	0.43
(4,1126)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	18	0.43
(4,1126)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	18	0.43
(4,1126)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	18	0.43
(4,1126)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	18	0.43
(4,1103)	1:66:A:THR:HG21	1:105:A:LYS:HA	19	0.43
(4,1103)	1:66:A:THR:HG22	1:105:A:LYS:HA	19	0.43
(4,1103)	1:66:A:THR:HG23	1:105:A:LYS:HA	19	0.43
(4,1047)	1:140:A:LEU:H	1:140:A:LEU:HG	8	0.43
(4,982)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	16	0.43
(4,982)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	16	0.43
(4,982)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	16	0.43
(4,978)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.43
(4,908)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	5	0.43
(4,860)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	14	0.43
(4,827)	1:114:A:ILE:HA	1:114:A:ILE:HD11	6	0.43
(4,827)	1:114:A:ILE:HA	1:114:A:ILE:HD12	6	0.43
(4,827)	1:114:A:ILE:HA	1:114:A:ILE:HD13	6	0.43
(4,811)	1:98:A:ILE:HA	1:98:A:ILE:HD11	16	0.43
(4,811)	1:98:A:ILE:HA	1:98:A:ILE:HD12	16	0.43
(4,811)	1:98:A:ILE:HA	1:98:A:ILE:HD13	16	0.43
(4,792)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	11	0.43
(4,792)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	11	0.43
(4,792)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	11	0.43
(4,778)	1:60:A:LEU:H	1:63:A:ILE:HD11	17	0.43
(4,778)	1:60:A:LEU:H	1:63:A:ILE:HD12	17	0.43
(4,778)	1:60:A:LEU:H	1:63:A:ILE:HD13	17	0.43
(4,762)	1:69:A:MET:HG3	1:73:A:ILE:HD11	10	0.43
(4,762)	1:69:A:MET:HG3	1:73:A:ILE:HD12	10	0.43
(4,762)	1:69:A:MET:HG3	1:73:A:ILE:HD13	10	0.43
(4,730)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	5	0.43
(4,730)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	5	0.43
(4,729)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	6	0.43
(4,729)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	17	0.43
(4,728)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	16	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,653)	1:108:A:GLU:H	1:112:A:GLN:H	5	0.43
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB2	13	0.43
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB3	13	0.43
(4,546)	1:124:A:THR:H	1:128:A:LEU:HD21	15	0.43
(4,546)	1:124:A:THR:H	1:128:A:LEU:HD22	15	0.43
(4,546)	1:124:A:THR:H	1:128:A:LEU:HD23	15	0.43
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB1	14	0.43
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB2	14	0.43
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB3	14	0.43
(4,425)	1:68:A:LYS:H	1:68:A:LYS:HE2	2	0.43
(4,425)	1:68:A:LYS:H	1:68:A:LYS:HE3	2	0.43
(4,363)	1:40:A:LEU:HB3	1:41:A:LYS:H	17	0.43
(4,362)	1:41:A:LYS:H	1:44:A:GLU:HB2	18	0.43
(4,362)	1:41:A:LYS:H	1:44:A:GLU:HB3	18	0.43
(4,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	5	0.43
(4,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	5	0.43
(4,257)	1:39:A:VAL:H	1:39:A:VAL:HB	7	0.43
(4,69)	1:13:A:ALA:HB1	1:81:A:GLU:H	12	0.43
(4,69)	1:13:A:ALA:HB2	1:81:A:GLU:H	12	0.43
(4,69)	1:13:A:ALA:HB3	1:81:A:GLU:H	12	0.43
(4,34)	1:96:A:VAL:H	1:97:A:ASP:HB2	18	0.43
(4,34)	1:96:A:VAL:H	1:97:A:ASP:HB3	18	0.43
(4,31)	1:96:A:VAL:H	1:97:A:ASP:H	8	0.43
(4,31)	1:96:A:VAL:H	1:97:A:ASP:H	19	0.43
(3,2499)	1:140:A:LEU:HD11	1:144:A:LEU:H	1	0.43
(3,2499)	1:140:A:LEU:HD12	1:144:A:LEU:H	1	0.43
(3,2499)	1:140:A:LEU:HD13	1:144:A:LEU:H	1	0.43
(3,2499)	1:140:A:LEU:HD21	1:144:A:LEU:H	1	0.43
(3,2499)	1:140:A:LEU:HD22	1:144:A:LEU:H	1	0.43
(3,2499)	1:140:A:LEU:HD23	1:144:A:LEU:H	1	0.43
(3,2306)	1:79:A:THR:HG21	1:81:A:GLU:HB2	13	0.43
(3,2306)	1:79:A:THR:HG21	1:81:A:GLU:HB3	13	0.43
(3,2306)	1:79:A:THR:HG22	1:81:A:GLU:HB2	13	0.43
(3,2306)	1:79:A:THR:HG22	1:81:A:GLU:HB3	13	0.43
(3,2306)	1:79:A:THR:HG23	1:81:A:GLU:HB2	13	0.43
(3,2306)	1:79:A:THR:HG23	1:81:A:GLU:HB3	13	0.43
(3,2252)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	2	0.43
(3,2252)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	2	0.43
(3,2252)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	2	0.43
(3,2252)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	2	0.43
(3,2107)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	5	0.43
(3,2107)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	5	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2107)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	5	0.43
(3,2107)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	5	0.43
(3,2107)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	5	0.43
(3,2107)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	5	0.43
(3,2026)	1:14:A:VAL:HG11	1:62:A:HIS:H	12	0.43
(3,2026)	1:14:A:VAL:HG12	1:62:A:HIS:H	12	0.43
(3,2026)	1:14:A:VAL:HG13	1:62:A:HIS:H	12	0.43
(3,2026)	1:14:A:VAL:HG21	1:62:A:HIS:H	12	0.43
(3,2026)	1:14:A:VAL:HG22	1:62:A:HIS:H	12	0.43
(3,2026)	1:14:A:VAL:HG23	1:62:A:HIS:H	12	0.43
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	5	0.43
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	5	0.43
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	5	0.43
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	5	0.43
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	5	0.43
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	5	0.43
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	5	0.43
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	5	0.43
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	5	0.43
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	5	0.43
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	5	0.43
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	5	0.43
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	5	0.43
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	5	0.43
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	5	0.43
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	5	0.43
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	5	0.43
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	5	0.43
(3,1949)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	18	0.43
(3,1949)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	18	0.43
(3,1933)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	15	0.43
(3,1933)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	15	0.43
(3,1933)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	15	0.43
(3,1933)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	15	0.43
(3,1878)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	2	0.43
(3,1878)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	2	0.43
(3,1690)	1:69:A:MET:HE1	1:116:A:GLN:HE21	11	0.43
(3,1690)	1:69:A:MET:HE2	1:116:A:GLN:HE21	11	0.43
(3,1690)	1:69:A:MET:HE3	1:116:A:GLN:HE21	11	0.43
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD21	11	0.43
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD22	11	0.43
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD23	11	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1563)	1:76:A:ARG:HE	1:110:A:MET:HE1	16	0.43
(3,1563)	1:76:A:ARG:HE	1:110:A:MET:HE2	16	0.43
(3,1563)	1:76:A:ARG:HE	1:110:A:MET:HE3	16	0.43
(3,1470)	1:50:A:ALA:HB1	1:126:A:GLY:HA3	7	0.43
(3,1470)	1:50:A:ALA:HB2	1:126:A:GLY:HA3	7	0.43
(3,1470)	1:50:A:ALA:HB3	1:126:A:GLY:HA3	7	0.43
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD21	10	0.43
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD22	10	0.43
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD23	10	0.43
(3,1188)	1:140:A:LEU:HD21	1:144:A:LEU:H	3	0.43
(3,1188)	1:140:A:LEU:HD22	1:144:A:LEU:H	3	0.43
(3,1188)	1:140:A:LEU:HD23	1:144:A:LEU:H	3	0.43
(3,1076)	1:95:A:ILE:HA	1:96:A:VAL:HB	17	0.43
(3,990)	1:47:A:ALA:HB1	1:134:A:VAL:HB	16	0.43
(3,990)	1:47:A:ALA:HB2	1:134:A:VAL:HB	16	0.43
(3,990)	1:47:A:ALA:HB3	1:134:A:VAL:HB	16	0.43
(3,960)	1:67:A:PRO:HA	1:70:A:LYS:HB2	4	0.43
(3,960)	1:67:A:PRO:HA	1:70:A:LYS:HB3	4	0.43
(3,878)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	14	0.43
(3,829)	1:98:A:ILE:HA	1:98:A:ILE:HD11	16	0.43
(3,829)	1:98:A:ILE:HA	1:98:A:ILE:HD12	16	0.43
(3,829)	1:98:A:ILE:HA	1:98:A:ILE:HD13	16	0.43
(3,756)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	5	0.43
(3,756)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	5	0.43
(3,755)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	6	0.43
(3,755)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	17	0.43
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB2	13	0.43
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB3	13	0.43
(3,260)	1:39:A:VAL:H	1:39:A:VAL:HB	7	0.43
(3,42)	1:43:A:MET:HA	1:47:A:ALA:H	15	0.43
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG11	6	0.43
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG12	6	0.43
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG13	6	0.43
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG21	6	0.43
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG22	6	0.43
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG23	6	0.43
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG11	6	0.43
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG12	6	0.43
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG13	6	0.43
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG21	6	0.43
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG22	6	0.43
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG23	6	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG11	6	0.43
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG12	6	0.43
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG13	6	0.43
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG21	6	0.43
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG22	6	0.43
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG23	6	0.43
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG11	6	0.43
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG12	6	0.43
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG13	6	0.43
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG21	6	0.43
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG22	6	0.43
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG23	6	0.43
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG11	6	0.43
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG12	6	0.43
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG13	6	0.43
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG21	6	0.43
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG22	6	0.43
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG23	6	0.43
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG11	6	0.43
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG12	6	0.43
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG13	6	0.43
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG21	6	0.43
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG22	6	0.43
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG23	6	0.43
(2,2251)	1:65:A:CYS:HB2	1:70:A:LYS:HA	17	0.43
(2,2251)	1:65:A:CYS:HB3	1:70:A:LYS:HA	17	0.43
(2,2189)	1:47:A:ALA:H	1:131:A:LEU:HD11	10	0.43
(2,2189)	1:47:A:ALA:H	1:131:A:LEU:HD12	10	0.43
(2,2189)	1:47:A:ALA:H	1:131:A:LEU:HD13	10	0.43
(2,2189)	1:47:A:ALA:H	1:131:A:LEU:HD21	10	0.43
(2,2189)	1:47:A:ALA:H	1:131:A:LEU:HD22	10	0.43
(2,2189)	1:47:A:ALA:H	1:131:A:LEU:HD23	10	0.43
(2,1995)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	15	0.43
(2,1995)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	15	0.43
(2,1995)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	15	0.43
(2,1995)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	15	0.43
(2,1995)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	15	0.43
(2,1995)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	15	0.43
(2,1995)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	15	0.43
(2,1995)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	15	0.43
(2,1995)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	15	0.43
(2,1995)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	15	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1995)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	15	0.43
(2,1995)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	15	0.43
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	12	0.43
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	12	0.43
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	12	0.43
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	12	0.43
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	12	0.43
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	12	0.43
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	5	0.43
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	5	0.43
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	5	0.43
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	5	0.43
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	5	0.43
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	5	0.43
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	5	0.43
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	5	0.43
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	5	0.43
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	5	0.43
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	5	0.43
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	5	0.43
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	5	0.43
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	5	0.43
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	5	0.43
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	5	0.43
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	5	0.43
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	5	0.43
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB2	11	0.43
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB3	11	0.43
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB2	13	0.43
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB3	13	0.43
(2,1640)	1:10:A:ASN:HB3	1:61:A:SER:HA	16	0.43
(2,1624)	1:126:A:GLY:H	1:128:A:LEU:HD11	5	0.43
(2,1624)	1:126:A:GLY:H	1:128:A:LEU:HD12	5	0.43
(2,1624)	1:126:A:GLY:H	1:128:A:LEU:HD13	5	0.43
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD11	10	0.43
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD12	10	0.43
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD13	10	0.43
(2,1552)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	17	0.43
(2,1552)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	17	0.43
(2,1552)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	17	0.43
(2,1552)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	17	0.43
(2,1552)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	17	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1552)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	17	0.43
(2,1404)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	11	0.43
(2,1404)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	11	0.43
(2,1404)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	11	0.43
(2,1404)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	11	0.43
(2,1404)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	11	0.43
(2,1404)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	11	0.43
(2,1404)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	11	0.43
(2,1404)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	11	0.43
(2,1404)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	11	0.43
(2,1376)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	19	0.43
(2,1376)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	19	0.43
(2,1376)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	19	0.43
(2,1256)	1:23:A:LEU:HD11	1:25:A:ALA:H	17	0.43
(2,1256)	1:23:A:LEU:HD12	1:25:A:ALA:H	17	0.43
(2,1256)	1:23:A:LEU:HD13	1:25:A:ALA:H	17	0.43
(2,1256)	1:23:A:LEU:HD11	1:25:A:ALA:H	18	0.43
(2,1256)	1:23:A:LEU:HD12	1:25:A:ALA:H	18	0.43
(2,1256)	1:23:A:LEU:HD13	1:25:A:ALA:H	18	0.43
(2,1172)	1:128:A:LEU:HD11	1:129:A:LYS:H	14	0.43
(2,1172)	1:128:A:LEU:HD12	1:129:A:LYS:H	14	0.43
(2,1172)	1:128:A:LEU:HD13	1:129:A:LYS:H	14	0.43
(2,1161)	1:140:A:LEU:HD21	1:144:A:LEU:H	3	0.43
(2,1161)	1:140:A:LEU:HD22	1:144:A:LEU:H	3	0.43
(2,1161)	1:140:A:LEU:HD23	1:144:A:LEU:H	3	0.43
(2,1010)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	11	0.43
(2,1010)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	11	0.43
(2,987)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	14	0.43
(2,987)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	14	0.43
(2,987)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	14	0.43
(2,983)	1:12:A:VAL:HB	1:43:A:MET:HE1	3	0.43
(2,983)	1:12:A:VAL:HB	1:43:A:MET:HE2	3	0.43
(2,983)	1:12:A:VAL:HB	1:43:A:MET:HE3	3	0.43
(2,837)	1:8:A:ASP:H	1:54:A:ARG:HD2	17	0.43
(2,837)	1:8:A:ASP:H	1:54:A:ARG:HD3	17	0.43
(2,811)	1:98:A:ILE:HA	1:98:A:ILE:HD11	16	0.43
(2,811)	1:98:A:ILE:HA	1:98:A:ILE:HD12	16	0.43
(2,811)	1:98:A:ILE:HA	1:98:A:ILE:HD13	16	0.43
(2,799)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	12	0.43
(2,799)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	12	0.43
(2,799)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	12	0.43
(2,799)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	12	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,799)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	12	0.43
(2,799)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	12	0.43
(2,794)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	14	0.43
(2,794)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	14	0.43
(2,794)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	14	0.43
(2,794)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	14	0.43
(2,794)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	14	0.43
(2,794)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	14	0.43
(2,736)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	16	0.43
(2,554)	1:124:A:THR:H	1:128:A:LEU:HD21	15	0.43
(2,554)	1:124:A:THR:H	1:128:A:LEU:HD22	15	0.43
(2,554)	1:124:A:THR:H	1:128:A:LEU:HD23	15	0.43
(2,391)	1:105:A:LYS:HD2	1:106:A:ASP:H	14	0.43
(2,391)	1:105:A:LYS:HD3	1:106:A:ASP:H	14	0.43
(2,289)	1:121:A:VAL:H	1:123:A:CYS:H	2	0.43
(2,119)	1:79:A:THR:HA	1:80:A:TYR:H	17	0.43
(2,33)	1:95:A:ILE:HB	1:96:A:VAL:H	18	0.43
(2,31)	1:96:A:VAL:H	1:97:A:ASP:HB2	18	0.43
(2,31)	1:96:A:VAL:H	1:97:A:ASP:HB3	18	0.43
(2,13)	1:64:A:LYS:H	1:64:A:LYS:HD2	17	0.43
(2,13)	1:64:A:LYS:H	1:64:A:LYS:HD3	17	0.43
(1,2253)	1:79:A:THR:HG21	1:81:A:GLU:HB2	1	0.43
(1,2253)	1:79:A:THR:HG21	1:81:A:GLU:HB3	1	0.43
(1,2253)	1:79:A:THR:HG22	1:81:A:GLU:HB2	1	0.43
(1,2253)	1:79:A:THR:HG22	1:81:A:GLU:HB3	1	0.43
(1,2253)	1:79:A:THR:HG23	1:81:A:GLU:HB2	1	0.43
(1,2253)	1:79:A:THR:HG23	1:81:A:GLU:HB3	1	0.43
(1,2125)	1:40:A:LEU:HD11	1:44:A:GLU:H	18	0.43
(1,2125)	1:40:A:LEU:HD12	1:44:A:GLU:H	18	0.43
(1,2125)	1:40:A:LEU:HD13	1:44:A:GLU:H	18	0.43
(1,2125)	1:40:A:LEU:HD21	1:44:A:GLU:H	18	0.43
(1,2125)	1:40:A:LEU:HD22	1:44:A:GLU:H	18	0.43
(1,2125)	1:40:A:LEU:HD23	1:44:A:GLU:H	18	0.43
(1,2072)	1:35:A:LEU:HD11	1:143:A:TRP:HB2	16	0.43
(1,2072)	1:35:A:LEU:HD12	1:143:A:TRP:HB2	16	0.43
(1,2072)	1:35:A:LEU:HD13	1:143:A:TRP:HB2	16	0.43
(1,2072)	1:35:A:LEU:HD21	1:143:A:TRP:HB2	16	0.43
(1,2072)	1:35:A:LEU:HD22	1:143:A:TRP:HB2	16	0.43
(1,2072)	1:35:A:LEU:HD23	1:143:A:TRP:HB2	16	0.43
(1,1934)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	18	0.43
(1,1934)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	18	0.43
(1,1865)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	2	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1865)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	2	0.43
(1,1858)	1:79:A:THR:HB	1:80:A:TYR:HE1	11	0.43
(1,1858)	1:79:A:THR:HB	1:80:A:TYR:HE2	11	0.43
(1,1850)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	4	0.43
(1,1850)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	4	0.43
(1,1850)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	4	0.43
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	4	0.43
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	4	0.43
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	4	0.43
(1,1830)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	5	0.43
(1,1830)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	5	0.43
(1,1830)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	17	0.43
(1,1830)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	17	0.43
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE1	3	0.43
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE2	3	0.43
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE3	3	0.43
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE1	19	0.43
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE2	19	0.43
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE3	19	0.43
(1,1681)	1:107:A:LEU:H	1:111:A:GLU:HB2	10	0.43
(1,1681)	1:107:A:LEU:H	1:111:A:GLU:HB3	10	0.43
(1,1669)	1:69:A:MET:HE1	1:116:A:GLN:HG3	13	0.43
(1,1669)	1:69:A:MET:HE2	1:116:A:GLN:HG3	13	0.43
(1,1669)	1:69:A:MET:HE3	1:116:A:GLN:HG3	13	0.43
(1,1638)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	1	0.43
(1,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	18	0.43
(1,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	18	0.43
(1,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	18	0.43
(1,1598)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	12	0.43
(1,1598)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	12	0.43
(1,1598)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	12	0.43
(1,1468)	1:14:A:VAL:HB	1:15:A:ALA:HB1	4	0.43
(1,1468)	1:14:A:VAL:HB	1:15:A:ALA:HB2	4	0.43
(1,1468)	1:14:A:VAL:HB	1:15:A:ALA:HB3	4	0.43
(1,1403)	1:11:A:ILE:HG21	1:44:A:GLU:HB2	10	0.43
(1,1403)	1:11:A:ILE:HG21	1:44:A:GLU:HB3	10	0.43
(1,1403)	1:11:A:ILE:HG22	1:44:A:GLU:HB2	10	0.43
(1,1403)	1:11:A:ILE:HG22	1:44:A:GLU:HB3	10	0.43
(1,1403)	1:11:A:ILE:HG23	1:44:A:GLU:HB2	10	0.43
(1,1403)	1:11:A:ILE:HG23	1:44:A:GLU:HB3	10	0.43
(1,1345)	1:125:A:THR:HG21	1:128:A:LEU:HB2	1	0.43
(1,1345)	1:125:A:THR:HG22	1:128:A:LEU:HB2	1	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1345)	1:125:A:THR:HG23	1:128:A:LEU:HB2	1	0.43
(1,1260)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	3	0.43
(1,1260)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	3	0.43
(1,1260)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	3	0.43
(1,1260)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	3	0.43
(1,1260)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	3	0.43
(1,1260)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	3	0.43
(1,1260)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	3	0.43
(1,1260)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	3	0.43
(1,1260)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	3	0.43
(1,1249)	1:21:A:THR:HG21	1:23:A:LEU:HA	10	0.43
(1,1249)	1:21:A:THR:HG22	1:23:A:LEU:HA	10	0.43
(1,1249)	1:21:A:THR:HG23	1:23:A:LEU:HA	10	0.43
(1,1035)	1:113:A:PHE:HA	1:116:A:GLN:HG3	10	0.43
(1,991)	1:11:A:ILE:HG12	1:14:A:VAL:HB	18	0.43
(1,973)	1:12:A:VAL:HA	1:43:A:MET:HG2	5	0.43
(1,972)	1:40:A:LEU:HA	1:43:A:MET:HG2	12	0.43
(1,964)	1:67:A:PRO:HA	1:70:A:LYS:HB2	4	0.43
(1,964)	1:67:A:PRO:HA	1:70:A:LYS:HB3	4	0.43
(1,922)	1:17:A:ASN:HB2	1:113:A:PHE:HE1	12	0.43
(1,922)	1:17:A:ASN:HB2	1:113:A:PHE:HE2	12	0.43
(1,922)	1:17:A:ASN:HB3	1:113:A:PHE:HE1	12	0.43
(1,922)	1:17:A:ASN:HB3	1:113:A:PHE:HE2	12	0.43
(1,912)	1:73:A:ILE:HB	1:76:A:ARG:HA	5	0.43
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	15	0.43
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	15	0.43
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	15	0.43
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	15	0.43
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	15	0.43
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	15	0.43
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	15	0.43
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	15	0.43
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	15	0.43
(1,827)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	13	0.43
(1,827)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	13	0.43
(1,827)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	13	0.43
(1,812)	1:55:A:GLY:H	1:58:A:ILE:HD11	12	0.43
(1,812)	1:55:A:GLY:H	1:58:A:ILE:HD12	12	0.43
(1,812)	1:55:A:GLY:H	1:58:A:ILE:HD13	12	0.43
(1,764)	1:147:A:ARG:HA	1:147:A:ARG:HE	17	0.43
(1,299)	1:43:A:MET:H	1:43:A:MET:HG2	9	0.43
(1,201)	1:44:A:GLU:H	1:44:A:GLU:HG3	5	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,32)	1:35:A:LEU:H	1:35:A:LEU:HG	14	0.43
(1,32)	1:35:A:LEU:H	1:35:A:LEU:HG	15	0.43
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD11	8	0.42
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD12	8	0.42
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD13	8	0.42
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD21	8	0.42
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD22	8	0.42
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD23	8	0.42
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG11	5	0.42
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG12	5	0.42
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG13	5	0.42
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG21	5	0.42
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG22	5	0.42
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG23	5	0.42
(34,2018)	1:17:A:ASN:HB2	1:76:A:ARG:HA	10	0.42
(34,2018)	1:17:A:ASN:HB3	1:76:A:ARG:HA	10	0.42
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	5	0.42
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	5	0.42
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	5	0.42
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	5	0.42
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	5	0.42
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	5	0.42
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	5	0.42
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	5	0.42
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	5	0.42
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	5	0.42
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	5	0.42
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	5	0.42
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	5	0.42
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	5	0.42
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	5	0.42
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	5	0.42
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	5	0.42
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	5	0.42
(34,1808)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	3	0.42
(34,1808)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	3	0.42
(34,1808)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	3	0.42
(34,1808)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	3	0.42
(34,1791)	1:144:A:LEU:HA	1:144:A:LEU:HD11	1	0.42
(34,1791)	1:144:A:LEU:HA	1:144:A:LEU:HD12	1	0.42
(34,1791)	1:144:A:LEU:HA	1:144:A:LEU:HD13	1	0.42
(34,1743)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	19	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1743)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	19	0.42
(34,1743)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	19	0.42
(34,1665)	1:132:A:ALA:HA	1:134:A:VAL:HG21	15	0.42
(34,1665)	1:132:A:ALA:HA	1:134:A:VAL:HG22	15	0.42
(34,1665)	1:132:A:ALA:HA	1:134:A:VAL:HG23	15	0.42
(34,1658)	1:97:A:ASP:HB2	1:102:A:PRO:HA	7	0.42
(34,1658)	1:97:A:ASP:HB3	1:102:A:PRO:HA	7	0.42
(34,1650)	1:26:A:ASP:HA	1:27:A:ARG:HB2	17	0.42
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD21	19	0.42
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD22	19	0.42
(34,1572)	1:30:A:LEU:H	1:144:A:LEU:HD23	19	0.42
(34,1530)	1:69:A:MET:HE1	1:110:A:MET:H	10	0.42
(34,1530)	1:69:A:MET:HE2	1:110:A:MET:H	10	0.42
(34,1530)	1:69:A:MET:HE3	1:110:A:MET:H	10	0.42
(34,1530)	1:69:A:MET:HE1	1:110:A:MET:H	13	0.42
(34,1530)	1:69:A:MET:HE2	1:110:A:MET:H	13	0.42
(34,1530)	1:69:A:MET:HE3	1:110:A:MET:H	13	0.42
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE1	18	0.42
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE2	18	0.42
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE3	18	0.42
(34,1516)	1:43:A:MET:H	1:43:A:MET:HE1	1	0.42
(34,1516)	1:43:A:MET:H	1:43:A:MET:HE2	1	0.42
(34,1516)	1:43:A:MET:H	1:43:A:MET:HE3	1	0.42
(34,1364)	1:125:A:THR:HG21	1:128:A:LEU:HB2	13	0.42
(34,1364)	1:125:A:THR:HG22	1:128:A:LEU:HB2	13	0.42
(34,1364)	1:125:A:THR:HG23	1:128:A:LEU:HB2	13	0.42
(34,1298)	1:113:A:PHE:HE1	1:117:A:VAL:HG11	8	0.42
(34,1298)	1:113:A:PHE:HE1	1:117:A:VAL:HG12	8	0.42
(34,1298)	1:113:A:PHE:HE1	1:117:A:VAL:HG13	8	0.42
(34,1298)	1:113:A:PHE:HE2	1:117:A:VAL:HG11	8	0.42
(34,1298)	1:113:A:PHE:HE2	1:117:A:VAL:HG12	8	0.42
(34,1298)	1:113:A:PHE:HE2	1:117:A:VAL:HG13	8	0.42
(34,1294)	1:11:A:ILE:HG21	1:15:A:ALA:HA	4	0.42
(34,1294)	1:11:A:ILE:HG22	1:15:A:ALA:HA	4	0.42
(34,1294)	1:11:A:ILE:HG23	1:15:A:ALA:HA	4	0.42
(34,1282)	1:23:A:LEU:HD11	1:24:A:ASP:H	1	0.42
(34,1282)	1:23:A:LEU:HD12	1:24:A:ASP:H	1	0.42
(34,1282)	1:23:A:LEU:HD13	1:24:A:ASP:H	1	0.42
(34,1277)	1:37:A:LEU:HD11	1:38:A:GLU:HA	10	0.42
(34,1277)	1:37:A:LEU:HD12	1:38:A:GLU:HA	10	0.42
(34,1277)	1:37:A:LEU:HD13	1:38:A:GLU:HA	10	0.42
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD21	5	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD22	5	0.42
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD23	5	0.42
(34,1246)	1:110:A:MET:HA	1:113:A:PHE:HB2	17	0.42
(34,1062)	1:63:A:ILE:H	1:63:A:ILE:HG12	11	0.42
(34,1019)	1:143:A:TRP:HB3	1:144:A:LEU:HD21	16	0.42
(34,1019)	1:143:A:TRP:HB3	1:144:A:LEU:HD22	16	0.42
(34,1019)	1:143:A:TRP:HB3	1:144:A:LEU:HD23	16	0.42
(34,1019)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	16	0.42
(34,1019)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	16	0.42
(34,1019)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	16	0.42
(34,934)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	5	0.42
(34,934)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	5	0.42
(34,911)	1:94:A:ALA:HA	1:95:A:ILE:HB	4	0.42
(34,899)	1:151:A:PHE:H	1:151:A:PHE:HB3	1	0.42
(34,899)	1:151:A:PHE:H	1:151:A:PHE:HB3	10	0.42
(34,804)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	7	0.42
(34,804)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	7	0.42
(34,804)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	7	0.42
(34,804)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	7	0.42
(34,804)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	7	0.42
(34,804)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	7	0.42
(34,771)	1:69:A:MET:HG2	1:73:A:ILE:HD11	19	0.42
(34,771)	1:69:A:MET:HG2	1:73:A:ILE:HD12	19	0.42
(34,771)	1:69:A:MET:HG2	1:73:A:ILE:HD13	19	0.42
(34,762)	1:141:A:LYS:H	1:143:A:TRP:HB2	12	0.42
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG11	2	0.42
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG12	2	0.42
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG13	2	0.42
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD21	16	0.42
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD22	16	0.42
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD23	16	0.42
(34,398)	1:119:A:LEU:H	1:120:A:CYS:HB2	6	0.42
(34,302)	1:43:A:MET:H	1:43:A:MET:HG3	1	0.42
(34,115)	1:21:A:THR:HB	1:22:A:ASP:H	18	0.42
(33,2220)	1:64:A:LYS:H	1:116:A:GLN:HG2	19	0.42
(33,2220)	1:64:A:LYS:H	1:116:A:GLN:HG3	19	0.42
(33,2152)	1:43:A:MET:HE1	1:46:A:ASN:HD21	5	0.42
(33,2152)	1:43:A:MET:HE1	1:46:A:ASN:HD22	5	0.42
(33,2152)	1:43:A:MET:HE2	1:46:A:ASN:HD21	5	0.42
(33,2152)	1:43:A:MET:HE2	1:46:A:ASN:HD22	5	0.42
(33,2152)	1:43:A:MET:HE3	1:46:A:ASN:HD21	5	0.42
(33,2152)	1:43:A:MET:HE3	1:46:A:ASN:HD22	5	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2136)	1:40:A:LEU:HD11	1:44:A:GLU:H	18	0.42
(33,2136)	1:40:A:LEU:HD12	1:44:A:GLU:H	18	0.42
(33,2136)	1:40:A:LEU:HD13	1:44:A:GLU:H	18	0.42
(33,2136)	1:40:A:LEU:HD21	1:44:A:GLU:H	18	0.42
(33,2136)	1:40:A:LEU:HD22	1:44:A:GLU:H	18	0.42
(33,2136)	1:40:A:LEU:HD23	1:44:A:GLU:H	18	0.42
(33,2019)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	13	0.42
(33,2019)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	13	0.42
(33,2019)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	13	0.42
(33,2019)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	13	0.42
(33,2019)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	13	0.42
(33,2019)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	13	0.42
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	15	0.42
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	15	0.42
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	15	0.42
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD21	15	0.42
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD22	15	0.42
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD23	15	0.42
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	17	0.42
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	17	0.42
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	17	0.42
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD21	17	0.42
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD22	17	0.42
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD23	17	0.42
(33,1900)	1:151:A:PHE:H	1:151:A:PHE:HD1	12	0.42
(33,1900)	1:151:A:PHE:H	1:151:A:PHE:HD2	12	0.42
(33,1895)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	14	0.42
(33,1895)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	14	0.42
(33,1877)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	16	0.42
(33,1877)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	16	0.42
(33,1692)	1:43:A:MET:HE1	1:137:A:SER:H	16	0.42
(33,1692)	1:43:A:MET:HE2	1:137:A:SER:H	16	0.42
(33,1692)	1:43:A:MET:HE3	1:137:A:SER:H	16	0.42
(33,1633)	1:97:A:ASP:HB2	1:102:A:PRO:HA	7	0.42
(33,1633)	1:97:A:ASP:HB3	1:102:A:PRO:HA	7	0.42
(33,1573)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	12	0.42
(33,1573)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	12	0.42
(33,1573)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	12	0.42
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE1	8	0.42
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE2	8	0.42
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE3	8	0.42
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE1	8	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE2	8	0.42
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE3	8	0.42
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE1	8	0.42
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE2	8	0.42
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE3	8	0.42
(33,1517)	1:110:A:MET:HE1	1:113:A:PHE:HA	10	0.42
(33,1517)	1:110:A:MET:HE2	1:113:A:PHE:HA	10	0.42
(33,1517)	1:110:A:MET:HE3	1:113:A:PHE:HA	10	0.42
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB1	15	0.42
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB2	15	0.42
(33,1399)	1:20:A:THR:H	1:132:A:ALA:HB3	15	0.42
(33,1396)	1:11:A:ILE:HG21	1:44:A:GLU:HB2	10	0.42
(33,1396)	1:11:A:ILE:HG21	1:44:A:GLU:HB3	10	0.42
(33,1396)	1:11:A:ILE:HG22	1:44:A:GLU:HB2	10	0.42
(33,1396)	1:11:A:ILE:HG22	1:44:A:GLU:HB3	10	0.42
(33,1396)	1:11:A:ILE:HG23	1:44:A:GLU:HB2	10	0.42
(33,1396)	1:11:A:ILE:HG23	1:44:A:GLU:HB3	10	0.42
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG11	13	0.42
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG12	13	0.42
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG13	13	0.42
(33,1035)	1:63:A:ILE:H	1:63:A:ILE:HG12	11	0.42
(33,922)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	5	0.42
(33,922)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	5	0.42
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	8	0.42
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	8	0.42
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	8	0.42
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	8	0.42
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	8	0.42
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	8	0.42
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	8	0.42
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	8	0.42
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	8	0.42
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG11	2	0.42
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG12	2	0.42
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG13	2	0.42
(33,747)	1:105:A:LYS:HG3	1:112:A:GLN:HE21	4	0.42
(33,740)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	8	0.42
(33,580)	1:129:A:LYS:HG2	1:130:A:GLY:H	19	0.42
(33,572)	1:11:A:ILE:HD11	1:16:A:SER:H	9	0.42
(33,572)	1:11:A:ILE:HD12	1:16:A:SER:H	9	0.42
(33,572)	1:11:A:ILE:HD13	1:16:A:SER:H	9	0.42
(33,318)	1:56:A:CYS:HA	1:122:A:ASP:H	16	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,119)	1:79:A:THR:HA	1:80:A:TYR:H	12	0.42
(33,119)	1:79:A:THR:HA	1:80:A:TYR:H	19	0.42
(32,2461)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	12	0.42
(32,2461)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	12	0.42
(32,2461)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	12	0.42
(32,2461)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	12	0.42
(32,2461)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	12	0.42
(32,2461)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	12	0.42
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD11	8	0.42
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD12	8	0.42
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD13	8	0.42
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD21	8	0.42
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD22	8	0.42
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD23	8	0.42
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD11	13	0.42
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD12	13	0.42
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD13	13	0.42
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD21	13	0.42
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD22	13	0.42
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD23	13	0.42
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD11	17	0.42
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD12	17	0.42
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD13	17	0.42
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD21	17	0.42
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD22	17	0.42
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD23	17	0.42
(32,2365)	1:116:A:GLN:HG2	1:117:A:VAL:HA	7	0.42
(32,2365)	1:116:A:GLN:HG3	1:117:A:VAL:HA	7	0.42
(32,2365)	1:116:A:GLN:HG2	1:117:A:VAL:HA	13	0.42
(32,2365)	1:116:A:GLN:HG3	1:117:A:VAL:HA	13	0.42
(32,2365)	1:116:A:GLN:HG2	1:117:A:VAL:HA	14	0.42
(32,2365)	1:116:A:GLN:HG3	1:117:A:VAL:HA	14	0.42
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD11	9	0.42
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD12	9	0.42
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD13	9	0.42
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD21	9	0.42
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD22	9	0.42
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD23	9	0.42
(32,2290)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	15	0.42
(32,2290)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	15	0.42
(32,2290)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	15	0.42
(32,2290)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	15	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2290)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	15	0.42
(32,2290)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	15	0.42
(32,2290)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	15	0.42
(32,2290)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	15	0.42
(32,2290)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	15	0.42
(32,2290)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	15	0.42
(32,2290)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	15	0.42
(32,2290)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	15	0.42
(32,2252)	1:70:A:LYS:HG2	1:71:A:LYS:H	12	0.42
(32,2252)	1:70:A:LYS:HG3	1:71:A:LYS:H	12	0.42
(32,2135)	1:43:A:MET:HE1	1:46:A:ASN:HD21	5	0.42
(32,2135)	1:43:A:MET:HE1	1:46:A:ASN:HD22	5	0.42
(32,2135)	1:43:A:MET:HE2	1:46:A:ASN:HD21	5	0.42
(32,2135)	1:43:A:MET:HE2	1:46:A:ASN:HD22	5	0.42
(32,2135)	1:43:A:MET:HE3	1:46:A:ASN:HD21	5	0.42
(32,2135)	1:43:A:MET:HE3	1:46:A:ASN:HD22	5	0.42
(32,2091)	1:39:A:VAL:HG11	1:43:A:MET:HB2	7	0.42
(32,2091)	1:39:A:VAL:HG12	1:43:A:MET:HB2	7	0.42
(32,2091)	1:39:A:VAL:HG13	1:43:A:MET:HB2	7	0.42
(32,2091)	1:39:A:VAL:HG21	1:43:A:MET:HB2	7	0.42
(32,2091)	1:39:A:VAL:HG22	1:43:A:MET:HB2	7	0.42
(32,2091)	1:39:A:VAL:HG23	1:43:A:MET:HB2	7	0.42
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD11	16	0.42
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD12	16	0.42
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD13	16	0.42
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD21	16	0.42
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD22	16	0.42
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD23	16	0.42
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD11	16	0.42
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD12	16	0.42
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD13	16	0.42
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD21	16	0.42
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD22	16	0.42
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD23	16	0.42
(32,1981)	1:17:A:ASN:HB2	1:76:A:ARG:HA	11	0.42
(32,1981)	1:17:A:ASN:HB3	1:76:A:ARG:HA	11	0.42
(32,1869)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	13	0.42
(32,1869)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	13	0.42
(32,1869)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	13	0.42
(32,1869)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	13	0.42
(32,1866)	1:151:A:PHE:H	1:151:A:PHE:HD1	12	0.42
(32,1866)	1:151:A:PHE:H	1:151:A:PHE:HD2	12	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1821)	1:9:A:PHE:HD1	1:57:A:LEU:HG	10	0.42
(32,1821)	1:9:A:PHE:HD2	1:57:A:LEU:HG	10	0.42
(32,1757)	1:71:A:LYS:HE2	1:72:A:PHE:HD1	15	0.42
(32,1757)	1:71:A:LYS:HE2	1:72:A:PHE:HD2	15	0.42
(32,1757)	1:71:A:LYS:HE3	1:72:A:PHE:HD1	15	0.42
(32,1757)	1:71:A:LYS:HE3	1:72:A:PHE:HD2	15	0.42
(32,1748)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	14	0.42
(32,1748)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	14	0.42
(32,1748)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	14	0.42
(32,1748)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	14	0.42
(32,1602)	1:97:A:ASP:HB2	1:102:A:PRO:HA	7	0.42
(32,1602)	1:97:A:ASP:HB3	1:102:A:PRO:HA	7	0.42
(32,1561)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	13	0.42
(32,1561)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	13	0.42
(32,1561)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	13	0.42
(32,1515)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	6	0.42
(32,1515)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	6	0.42
(32,1515)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	6	0.42
(32,1515)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	6	0.42
(32,1515)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	6	0.42
(32,1515)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	6	0.42
(32,1486)	1:110:A:MET:HE1	1:113:A:PHE:HA	10	0.42
(32,1486)	1:110:A:MET:HE2	1:113:A:PHE:HA	10	0.42
(32,1486)	1:110:A:MET:HE3	1:113:A:PHE:HA	10	0.42
(32,1475)	1:69:A:MET:HE1	1:110:A:MET:H	10	0.42
(32,1475)	1:69:A:MET:HE2	1:110:A:MET:H	10	0.42
(32,1475)	1:69:A:MET:HE3	1:110:A:MET:H	10	0.42
(32,1475)	1:69:A:MET:HE1	1:110:A:MET:H	13	0.42
(32,1475)	1:69:A:MET:HE2	1:110:A:MET:H	13	0.42
(32,1475)	1:69:A:MET:HE3	1:110:A:MET:H	13	0.42
(32,1440)	1:101:A:ILE:HG21	1:116:A:GLN:H	8	0.42
(32,1440)	1:101:A:ILE:HG22	1:116:A:GLN:H	8	0.42
(32,1440)	1:101:A:ILE:HG23	1:116:A:GLN:H	8	0.42
(32,1392)	1:69:A:MET:HE1	1:73:A:ILE:HG21	19	0.42
(32,1392)	1:69:A:MET:HE1	1:73:A:ILE:HG22	19	0.42
(32,1392)	1:69:A:MET:HE1	1:73:A:ILE:HG23	19	0.42
(32,1392)	1:69:A:MET:HE2	1:73:A:ILE:HG21	19	0.42
(32,1392)	1:69:A:MET:HE2	1:73:A:ILE:HG22	19	0.42
(32,1392)	1:69:A:MET:HE2	1:73:A:ILE:HG23	19	0.42
(32,1392)	1:69:A:MET:HE3	1:73:A:ILE:HG21	19	0.42
(32,1392)	1:69:A:MET:HE3	1:73:A:ILE:HG22	19	0.42
(32,1392)	1:69:A:MET:HE3	1:73:A:ILE:HG23	19	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1365)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	14	0.42
(32,1365)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	14	0.42
(32,1365)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	14	0.42
(32,1084)	1:31:A:PRO:HB2	1:36:A:PRO:HG3	7	0.42
(32,1084)	1:31:A:PRO:HB3	1:36:A:PRO:HG3	7	0.42
(32,1032)	1:71:A:LYS:HG3	1:72:A:PHE:HA	1	0.42
(32,782)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	12	0.42
(32,782)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	12	0.42
(32,782)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	12	0.42
(32,782)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	12	0.42
(32,782)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	12	0.42
(32,782)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	12	0.42
(32,741)	1:141:A:LYS:H	1:143:A:TRP:HB2	12	0.42
(32,598)	1:55:A:GLY:H	1:58:A:ILE:HG13	1	0.42
(32,567)	1:129:A:LYS:HG2	1:130:A:GLY:H	19	0.42
(32,254)	1:39:A:VAL:H	1:39:A:VAL:HB	4	0.42
(32,254)	1:39:A:VAL:H	1:39:A:VAL:HB	6	0.42
(32,118)	1:79:A:THR:HA	1:80:A:TYR:H	12	0.42
(32,118)	1:79:A:THR:HA	1:80:A:TYR:H	19	0.42
(32,96)	1:63:A:ILE:H	1:63:A:ILE:HG12	11	0.42
(32,49)	1:98:A:ILE:H	1:101:A:ILE:HG13	12	0.42
(30,2457)	1:140:A:LEU:HD11	1:144:A:LEU:H	19	0.42
(30,2457)	1:140:A:LEU:HD12	1:144:A:LEU:H	19	0.42
(30,2457)	1:140:A:LEU:HD13	1:144:A:LEU:H	19	0.42
(30,2457)	1:140:A:LEU:HD21	1:144:A:LEU:H	19	0.42
(30,2457)	1:140:A:LEU:HD22	1:144:A:LEU:H	19	0.42
(30,2457)	1:140:A:LEU:HD23	1:144:A:LEU:H	19	0.42
(30,2449)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	12	0.42
(30,2449)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	12	0.42
(30,2449)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	12	0.42
(30,2449)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	12	0.42
(30,2449)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	12	0.42
(30,2449)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	12	0.42
(30,2426)	1:136:A:CYS:HB2	1:141:A:LYS:HA	19	0.42
(30,2426)	1:136:A:CYS:HB3	1:141:A:LYS:HA	19	0.42
(30,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	8	0.42
(30,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	8	0.42
(30,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	8	0.42
(30,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	8	0.42
(30,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	8	0.42
(30,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	8	0.42
(30,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	8	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	8	0.42
(30,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	8	0.42
(30,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	8	0.42
(30,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	8	0.42
(30,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	8	0.42
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	16	0.42
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	16	0.42
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	16	0.42
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	16	0.42
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	16	0.42
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	16	0.42
(30,2056)	1:30:A:LEU:HD11	1:31:A:PRO:HG2	18	0.42
(30,2056)	1:30:A:LEU:HD11	1:31:A:PRO:HG3	18	0.42
(30,2056)	1:30:A:LEU:HD12	1:31:A:PRO:HG2	18	0.42
(30,2056)	1:30:A:LEU:HD12	1:31:A:PRO:HG3	18	0.42
(30,2056)	1:30:A:LEU:HD13	1:31:A:PRO:HG2	18	0.42
(30,2056)	1:30:A:LEU:HD13	1:31:A:PRO:HG3	18	0.42
(30,2056)	1:30:A:LEU:HD21	1:31:A:PRO:HG2	18	0.42
(30,2056)	1:30:A:LEU:HD21	1:31:A:PRO:HG3	18	0.42
(30,2056)	1:30:A:LEU:HD22	1:31:A:PRO:HG2	18	0.42
(30,2056)	1:30:A:LEU:HD22	1:31:A:PRO:HG3	18	0.42
(30,2056)	1:30:A:LEU:HD23	1:31:A:PRO:HG2	18	0.42
(30,2056)	1:30:A:LEU:HD23	1:31:A:PRO:HG3	18	0.42
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE1	2	0.42
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE2	2	0.42
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE3	2	0.42
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE1	2	0.42
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE2	2	0.42
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE3	2	0.42
(30,1780)	1:144:A:LEU:HA	1:144:A:LEU:HD11	1	0.42
(30,1780)	1:144:A:LEU:HA	1:144:A:LEU:HD12	1	0.42
(30,1780)	1:144:A:LEU:HA	1:144:A:LEU:HD13	1	0.42
(30,1740)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	19	0.42
(30,1740)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	19	0.42
(30,1740)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	19	0.42
(30,1523)	1:110:A:MET:HE1	1:113:A:PHE:HA	10	0.42
(30,1523)	1:110:A:MET:HE2	1:113:A:PHE:HA	10	0.42
(30,1523)	1:110:A:MET:HE3	1:113:A:PHE:HA	10	0.42
(30,1513)	1:69:A:MET:HE1	1:110:A:MET:H	10	0.42
(30,1513)	1:69:A:MET:HE2	1:110:A:MET:H	10	0.42
(30,1513)	1:69:A:MET:HE3	1:110:A:MET:H	10	0.42
(30,1513)	1:69:A:MET:HE1	1:110:A:MET:H	13	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1513)	1:69:A:MET:HE2	1:110:A:MET:H	13	0.42
(30,1513)	1:69:A:MET:HE3	1:110:A:MET:H	13	0.42
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE1	6	0.42
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE2	6	0.42
(30,1503)	1:40:A:LEU:HA	1:43:A:MET:HE3	6	0.42
(30,1427)	1:69:A:MET:HE1	1:73:A:ILE:HG21	19	0.42
(30,1427)	1:69:A:MET:HE1	1:73:A:ILE:HG22	19	0.42
(30,1427)	1:69:A:MET:HE1	1:73:A:ILE:HG23	19	0.42
(30,1427)	1:69:A:MET:HE2	1:73:A:ILE:HG21	19	0.42
(30,1427)	1:69:A:MET:HE2	1:73:A:ILE:HG22	19	0.42
(30,1427)	1:69:A:MET:HE2	1:73:A:ILE:HG23	19	0.42
(30,1427)	1:69:A:MET:HE3	1:73:A:ILE:HG21	19	0.42
(30,1427)	1:69:A:MET:HE3	1:73:A:ILE:HG22	19	0.42
(30,1427)	1:69:A:MET:HE3	1:73:A:ILE:HG23	19	0.42
(30,1403)	1:132:A:ALA:HB1	1:133:A:ASN:HD22	17	0.42
(30,1403)	1:132:A:ALA:HB2	1:133:A:ASN:HD22	17	0.42
(30,1403)	1:132:A:ALA:HB3	1:133:A:ASN:HD22	17	0.42
(30,1400)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	11	0.42
(30,1400)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	11	0.42
(30,1400)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	11	0.42
(30,1400)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	11	0.42
(30,1400)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	11	0.42
(30,1400)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	11	0.42
(30,1400)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	11	0.42
(30,1400)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	11	0.42
(30,1400)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	11	0.42
(30,1397)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	8	0.42
(30,1397)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	8	0.42
(30,1397)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	8	0.42
(30,1245)	1:37:A:LEU:HD11	1:38:A:GLU:HA	10	0.42
(30,1245)	1:37:A:LEU:HD12	1:38:A:GLU:HA	10	0.42
(30,1245)	1:37:A:LEU:HD13	1:38:A:GLU:HA	10	0.42
(30,1215)	1:110:A:MET:HA	1:113:A:PHE:HB2	17	0.42
(30,1111)	1:66:A:THR:HG21	1:105:A:LYS:HA	19	0.42
(30,1111)	1:66:A:THR:HG22	1:105:A:LYS:HA	19	0.42
(30,1111)	1:66:A:THR:HG23	1:105:A:LYS:HA	19	0.42
(30,1025)	1:63:A:ILE:H	1:63:A:ILE:HG12	11	0.42
(30,990)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	14	0.42
(30,990)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	14	0.42
(30,990)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	14	0.42
(30,783)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	14	0.42
(30,783)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	14	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,783)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	14	0.42
(30,783)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	14	0.42
(30,783)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	14	0.42
(30,783)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	14	0.42
(30,755)	1:37:A:LEU:H	1:40:A:LEU:HB3	1	0.42
(30,738)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	8	0.42
(30,677)	1:18:A:PHE:HB3	1:132:A:ALA:H	5	0.42
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD21	16	0.42
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD22	16	0.42
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD23	16	0.42
(30,613)	1:55:A:GLY:H	1:58:A:ILE:HG13	1	0.42
(30,393)	1:119:A:LEU:H	1:120:A:CYS:HB2	6	0.42
(30,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	3	0.42
(30,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	3	0.42
(30,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	3	0.42
(30,122)	1:79:A:THR:HA	1:80:A:TYR:H	12	0.42
(30,122)	1:79:A:THR:HA	1:80:A:TYR:H	19	0.42
(30,44)	1:44:A:GLU:HG3	1:47:A:ALA:H	1	0.42
(29,2424)	1:140:A:LEU:HD11	1:144:A:LEU:H	10	0.42
(29,2424)	1:140:A:LEU:HD12	1:144:A:LEU:H	10	0.42
(29,2424)	1:140:A:LEU:HD13	1:144:A:LEU:H	10	0.42
(29,2424)	1:140:A:LEU:HD21	1:144:A:LEU:H	10	0.42
(29,2424)	1:140:A:LEU:HD22	1:144:A:LEU:H	10	0.42
(29,2424)	1:140:A:LEU:HD23	1:144:A:LEU:H	10	0.42
(29,2424)	1:140:A:LEU:HD11	1:144:A:LEU:H	16	0.42
(29,2424)	1:140:A:LEU:HD12	1:144:A:LEU:H	16	0.42
(29,2424)	1:140:A:LEU:HD13	1:144:A:LEU:H	16	0.42
(29,2424)	1:140:A:LEU:HD21	1:144:A:LEU:H	16	0.42
(29,2424)	1:140:A:LEU:HD22	1:144:A:LEU:H	16	0.42
(29,2424)	1:140:A:LEU:HD23	1:144:A:LEU:H	16	0.42
(29,2398)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	8	0.42
(29,2398)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	8	0.42
(29,2398)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	8	0.42
(29,2398)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	8	0.42
(29,2398)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	8	0.42
(29,2398)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	8	0.42
(29,2398)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	8	0.42
(29,2398)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	8	0.42
(29,2398)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	8	0.42
(29,2398)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	8	0.42
(29,2398)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	8	0.42
(29,2398)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	8	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	15	0.42
(29,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	15	0.42
(29,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	15	0.42
(29,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	15	0.42
(29,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	15	0.42
(29,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	15	0.42
(29,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	15	0.42
(29,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	15	0.42
(29,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	15	0.42
(29,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	15	0.42
(29,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	15	0.42
(29,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	15	0.42
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG11	12	0.42
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG12	12	0.42
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG13	12	0.42
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG21	12	0.42
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG22	12	0.42
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG23	12	0.42
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG11	14	0.42
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG12	14	0.42
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG13	14	0.42
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG21	14	0.42
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG22	14	0.42
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG23	14	0.42
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD11	1	0.42
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD12	1	0.42
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD13	1	0.42
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD21	1	0.42
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD22	1	0.42
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD23	1	0.42
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG21	18	0.42
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG22	18	0.42
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG23	18	0.42
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG21	18	0.42
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG22	18	0.42
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG23	18	0.42
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG21	18	0.42
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG22	18	0.42
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG23	18	0.42
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG21	18	0.42
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG22	18	0.42
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG23	18	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG21	18	0.42
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG22	18	0.42
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG23	18	0.42
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG21	18	0.42
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG22	18	0.42
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG23	18	0.42
(29,1895)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	16	0.42
(29,1895)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	16	0.42
(29,1884)	1:9:A:PHE:HE1	1:58:A:ILE:HG12	15	0.42
(29,1884)	1:9:A:PHE:HE2	1:58:A:ILE:HG12	15	0.42
(29,1695)	1:110:A:MET:HB3	1:111:A:GLU:HB2	18	0.42
(29,1695)	1:110:A:MET:HB3	1:111:A:GLU:HB3	18	0.42
(29,1659)	1:97:A:ASP:HB2	1:102:A:PRO:HA	7	0.42
(29,1659)	1:97:A:ASP:HB3	1:102:A:PRO:HA	7	0.42
(29,1651)	1:26:A:ASP:HA	1:27:A:ARG:HB2	17	0.42
(29,1613)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	13	0.42
(29,1613)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	13	0.42
(29,1613)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	13	0.42
(29,1598)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	12	0.42
(29,1598)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	12	0.42
(29,1598)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	12	0.42
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE1	8	0.42
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE2	8	0.42
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE3	8	0.42
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE1	8	0.42
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE2	8	0.42
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE3	8	0.42
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE1	8	0.42
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE2	8	0.42
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE3	8	0.42
(29,1538)	1:110:A:MET:HE1	1:113:A:PHE:HA	10	0.42
(29,1538)	1:110:A:MET:HE2	1:113:A:PHE:HA	10	0.42
(29,1538)	1:110:A:MET:HE3	1:113:A:PHE:HA	10	0.42
(29,1411)	1:132:A:ALA:HB1	1:133:A:ASN:HD22	17	0.42
(29,1411)	1:132:A:ALA:HB2	1:133:A:ASN:HD22	17	0.42
(29,1411)	1:132:A:ALA:HB3	1:133:A:ASN:HD22	17	0.42
(29,1049)	1:63:A:ILE:H	1:63:A:ILE:HG12	11	0.42
(29,1002)	1:12:A:VAL:HB	1:43:A:MET:HE1	14	0.42
(29,1002)	1:12:A:VAL:HB	1:43:A:MET:HE2	14	0.42
(29,1002)	1:12:A:VAL:HB	1:43:A:MET:HE3	14	0.42
(29,880)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	14	0.42
(29,880)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	14	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	19	0.42
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	19	0.42
(29,875)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	19	0.42
(29,771)	1:141:A:LYS:H	1:143:A:TRP:HB2	12	0.42
(29,753)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	8	0.42
(29,565)	1:116:A:GLN:H	1:116:A:GLN:HE22	19	0.42
(29,427)	1:100:A:ALA:H	1:101:A:ILE:HG12	6	0.42
(29,427)	1:100:A:ALA:H	1:101:A:ILE:HG12	10	0.42
(29,427)	1:100:A:ALA:H	1:101:A:ILE:HG12	17	0.42
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE1	11	0.42
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE2	11	0.42
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE3	11	0.42
(23,11)	1:107:A:LEU:N	1:103:A:ARG:O	3	0.42
(23,6)	1:59:A:CYS:N	1:55:A:GLY:O	2	0.42
(23,5)	1:58:A:ILE:N	1:54:A:ARG:O	2	0.42
(23,2)	1:39:A:VAL:N	1:36:A:PRO:O	4	0.42
(23,2)	1:39:A:VAL:N	1:36:A:PRO:O	6	0.42
(22,21)	1:107:A:LEU:H	1:103:A:ARG:C	12	0.42
(22,17)	1:73:A:ILE:H	1:69:A:MET:C	6	0.42
(22,17)	1:73:A:ILE:H	1:69:A:MET:C	16	0.42
(22,17)	1:73:A:ILE:H	1:69:A:MET:C	18	0.42
(22,15)	1:61:A:SER:H	1:57:A:LEU:C	18	0.42
(22,11)	1:59:A:CYS:H	1:55:A:GLY:C	12	0.42
(22,6)	1:44:A:GLU:N	1:40:A:LEU:C	4	0.42
(18,2440)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	12	0.42
(18,2440)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	12	0.42
(18,2440)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	12	0.42
(18,2440)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	12	0.42
(18,2440)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	12	0.42
(18,2440)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	12	0.42
(18,2325)	1:107:A:LEU:HD11	1:115:A:ALA:H	5	0.42
(18,2325)	1:107:A:LEU:HD12	1:115:A:ALA:H	5	0.42
(18,2325)	1:107:A:LEU:HD13	1:115:A:ALA:H	5	0.42
(18,2325)	1:107:A:LEU:HD21	1:115:A:ALA:H	5	0.42
(18,2325)	1:107:A:LEU:HD22	1:115:A:ALA:H	5	0.42
(18,2325)	1:107:A:LEU:HD23	1:115:A:ALA:H	5	0.42
(18,2322)	1:107:A:LEU:HD11	1:112:A:GLN:HA	1	0.42
(18,2322)	1:107:A:LEU:HD12	1:112:A:GLN:HA	1	0.42
(18,2322)	1:107:A:LEU:HD13	1:112:A:GLN:HA	1	0.42
(18,2322)	1:107:A:LEU:HD21	1:112:A:GLN:HA	1	0.42
(18,2322)	1:107:A:LEU:HD22	1:112:A:GLN:HA	1	0.42
(18,2322)	1:107:A:LEU:HD23	1:112:A:GLN:HA	1	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD11	18	0.42
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD12	18	0.42
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD13	18	0.42
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD21	18	0.42
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD22	18	0.42
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD23	18	0.42
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD11	18	0.42
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD12	18	0.42
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD13	18	0.42
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD21	18	0.42
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD22	18	0.42
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD23	18	0.42
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD11	18	0.42
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD12	18	0.42
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD13	18	0.42
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD21	18	0.42
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD22	18	0.42
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD23	18	0.42
(18,2281)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	15	0.42
(18,2281)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	15	0.42
(18,2281)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	15	0.42
(18,2281)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	15	0.42
(18,2281)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	15	0.42
(18,2281)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	15	0.42
(18,2281)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	15	0.42
(18,2281)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	15	0.42
(18,2281)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	15	0.42
(18,2281)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	15	0.42
(18,2281)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	15	0.42
(18,2281)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	15	0.42
(18,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB2	13	0.42
(18,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB3	13	0.42
(18,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB2	13	0.42
(18,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB3	13	0.42
(18,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB2	13	0.42
(18,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB3	13	0.42
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD11	6	0.42
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD12	6	0.42
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD13	6	0.42
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD21	6	0.42
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD22	6	0.42
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD23	6	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD11	12	0.42
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD12	12	0.42
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD13	12	0.42
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD21	12	0.42
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD22	12	0.42
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD23	12	0.42
(18,1993)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	7	0.42
(18,1993)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	7	0.42
(18,1993)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	7	0.42
(18,1993)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	7	0.42
(18,1993)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	7	0.42
(18,1993)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	7	0.42
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD11	10	0.42
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD12	10	0.42
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD13	10	0.42
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD21	10	0.42
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD22	10	0.42
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD23	10	0.42
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	5	0.42
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	5	0.42
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	5	0.42
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	5	0.42
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	5	0.42
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	5	0.42
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	5	0.42
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	5	0.42
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	5	0.42
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	5	0.42
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	5	0.42
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	5	0.42
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	5	0.42
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	5	0.42
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	5	0.42
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	5	0.42
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	5	0.42
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	5	0.42
(18,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	14	0.42
(18,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	14	0.42
(18,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	14	0.42
(18,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	14	0.42
(18,1837)	1:80:A:TYR:HE1	1:81:A:GLU:HB2	10	0.42
(18,1837)	1:80:A:TYR:HE2	1:81:A:GLU:HB2	10	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1696)	1:67:A:PRO:HD2	1:95:A:ILE:HA	5	0.42
(18,1660)	1:110:A:MET:HB3	1:111:A:GLU:HB2	18	0.42
(18,1660)	1:110:A:MET:HB3	1:111:A:GLU:HB3	18	0.42
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	14	0.42
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	14	0.42
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	14	0.42
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	14	0.42
(18,1624)	1:26:A:ASP:HA	1:27:A:ARG:HB2	17	0.42
(18,1570)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	12	0.42
(18,1570)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	12	0.42
(18,1570)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	12	0.42
(18,1503)	1:98:A:ILE:HG21	1:101:A:ILE:HG12	3	0.42
(18,1503)	1:98:A:ILE:HG22	1:101:A:ILE:HG12	3	0.42
(18,1503)	1:98:A:ILE:HG23	1:101:A:ILE:HG12	3	0.42
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG21	7	0.42
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG22	7	0.42
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG23	7	0.42
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG21	13	0.42
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG22	13	0.42
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG23	13	0.42
(18,1452)	1:13:A:ALA:HB1	1:79:A:THR:HB	4	0.42
(18,1452)	1:13:A:ALA:HB2	1:79:A:THR:HB	4	0.42
(18,1452)	1:13:A:ALA:HB3	1:79:A:THR:HB	4	0.42
(18,1407)	1:101:A:ILE:HG21	1:102:A:PRO:HD3	5	0.42
(18,1407)	1:101:A:ILE:HG22	1:102:A:PRO:HD3	5	0.42
(18,1407)	1:101:A:ILE:HG23	1:102:A:PRO:HD3	5	0.42
(18,1407)	1:101:A:ILE:HG21	1:102:A:PRO:HD3	16	0.42
(18,1407)	1:101:A:ILE:HG22	1:102:A:PRO:HD3	16	0.42
(18,1407)	1:101:A:ILE:HG23	1:102:A:PRO:HD3	16	0.42
(18,1391)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	8	0.42
(18,1391)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	8	0.42
(18,1391)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	8	0.42
(18,1244)	1:39:A:VAL:H	1:139:A:LEU:HD21	3	0.42
(18,1244)	1:39:A:VAL:H	1:139:A:LEU:HD22	3	0.42
(18,1244)	1:39:A:VAL:H	1:139:A:LEU:HD23	3	0.42
(18,1221)	1:81:A:GLU:HA	1:81:A:GLU:HG2	13	0.42
(18,1221)	1:81:A:GLU:HA	1:81:A:GLU:HG3	13	0.42
(18,1103)	1:70:A:LYS:HA	1:70:A:LYS:HE2	3	0.42
(18,1103)	1:70:A:LYS:HA	1:70:A:LYS:HE3	3	0.42
(18,1050)	1:63:A:ILE:H	1:63:A:ILE:HG12	11	0.42
(18,970)	1:66:A:THR:H	1:96:A:VAL:HB	11	0.42
(18,879)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	14	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,879)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	14	0.42
(18,772)	1:141:A:LYS:H	1:143:A:TRP:HB2	12	0.42
(18,756)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	8	0.42
(18,305)	1:43:A:MET:H	1:43:A:MET:HG3	1	0.42
(18,239)	1:112:A:GLN:HG2	1:114:A:ILE:H	17	0.42
(18,239)	1:112:A:GLN:HG3	1:114:A:ILE:H	17	0.42
(18,114)	1:21:A:THR:HB	1:22:A:ASP:H	18	0.42
(17,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	8	0.42
(17,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	8	0.42
(17,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	8	0.42
(17,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	8	0.42
(17,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	8	0.42
(17,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	8	0.42
(17,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	8	0.42
(17,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	8	0.42
(17,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	8	0.42
(17,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	8	0.42
(17,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	8	0.42
(17,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	8	0.42
(17,2293)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	1	0.42
(17,2293)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	1	0.42
(17,2293)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	1	0.42
(17,2293)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	1	0.42
(17,2293)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	1	0.42
(17,2293)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	1	0.42
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD11	11	0.42
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD12	11	0.42
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD13	11	0.42
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD21	11	0.42
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD22	11	0.42
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD23	11	0.42
(17,1919)	1:151:A:PHE:H	1:151:A:PHE:HD1	12	0.42
(17,1919)	1:151:A:PHE:H	1:151:A:PHE:HD2	12	0.42
(17,1858)	1:59:A:CYS:HA	1:62:A:HIS:HD2	2	0.42
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	5	0.42
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	5	0.42
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	5	0.42
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	5	0.42
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	5	0.42
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	5	0.42
(17,1748)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	19	0.42
(17,1748)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	19	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1748)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	19	0.42
(17,1725)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	2	0.42
(17,1674)	1:69:A:MET:HE1	1:116:A:GLN:HG3	15	0.42
(17,1674)	1:69:A:MET:HE2	1:116:A:GLN:HG3	15	0.42
(17,1674)	1:69:A:MET:HE3	1:116:A:GLN:HG3	15	0.42
(17,1662)	1:97:A:ASP:HB2	1:102:A:PRO:HA	7	0.42
(17,1662)	1:97:A:ASP:HB3	1:102:A:PRO:HA	7	0.42
(17,1654)	1:26:A:ASP:HA	1:27:A:ARG:HB2	17	0.42
(17,1574)	1:138:A:ASP:HB2	1:139:A:LEU:HD11	7	0.42
(17,1574)	1:138:A:ASP:HB2	1:139:A:LEU:HD12	7	0.42
(17,1574)	1:138:A:ASP:HB2	1:139:A:LEU:HD13	7	0.42
(17,1574)	1:138:A:ASP:HB3	1:139:A:LEU:HD11	7	0.42
(17,1574)	1:138:A:ASP:HB3	1:139:A:LEU:HD12	7	0.42
(17,1574)	1:138:A:ASP:HB3	1:139:A:LEU:HD13	7	0.42
(17,1571)	1:138:A:ASP:HB2	1:139:A:LEU:HD21	7	0.42
(17,1571)	1:138:A:ASP:HB2	1:139:A:LEU:HD22	7	0.42
(17,1571)	1:138:A:ASP:HB2	1:139:A:LEU:HD23	7	0.42
(17,1571)	1:138:A:ASP:HB3	1:139:A:LEU:HD21	7	0.42
(17,1571)	1:138:A:ASP:HB3	1:139:A:LEU:HD22	7	0.42
(17,1571)	1:138:A:ASP:HB3	1:139:A:LEU:HD23	7	0.42
(17,1552)	1:69:A:MET:HE1	1:76:A:ARG:HG2	2	0.42
(17,1552)	1:69:A:MET:HE1	1:76:A:ARG:HG3	2	0.42
(17,1552)	1:69:A:MET:HE2	1:76:A:ARG:HG2	2	0.42
(17,1552)	1:69:A:MET:HE2	1:76:A:ARG:HG3	2	0.42
(17,1552)	1:69:A:MET:HE3	1:76:A:ARG:HG2	2	0.42
(17,1552)	1:69:A:MET:HE3	1:76:A:ARG:HG3	2	0.42
(17,1552)	1:69:A:MET:HE1	1:76:A:ARG:HG2	8	0.42
(17,1552)	1:69:A:MET:HE1	1:76:A:ARG:HG3	8	0.42
(17,1552)	1:69:A:MET:HE2	1:76:A:ARG:HG2	8	0.42
(17,1552)	1:69:A:MET:HE2	1:76:A:ARG:HG3	8	0.42
(17,1552)	1:69:A:MET:HE3	1:76:A:ARG:HG2	8	0.42
(17,1552)	1:69:A:MET:HE3	1:76:A:ARG:HG3	8	0.42
(17,1551)	1:66:A:THR:HG21	1:69:A:MET:HE1	7	0.42
(17,1551)	1:66:A:THR:HG21	1:69:A:MET:HE2	7	0.42
(17,1551)	1:66:A:THR:HG21	1:69:A:MET:HE3	7	0.42
(17,1551)	1:66:A:THR:HG22	1:69:A:MET:HE1	7	0.42
(17,1551)	1:66:A:THR:HG22	1:69:A:MET:HE2	7	0.42
(17,1551)	1:66:A:THR:HG22	1:69:A:MET:HE3	7	0.42
(17,1551)	1:66:A:THR:HG23	1:69:A:MET:HE1	7	0.42
(17,1551)	1:66:A:THR:HG23	1:69:A:MET:HE2	7	0.42
(17,1551)	1:66:A:THR:HG23	1:69:A:MET:HE3	7	0.42
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE1	6	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE2	6	0.42
(17,1527)	1:40:A:LEU:HA	1:43:A:MET:HE3	6	0.42
(17,1446)	1:69:A:MET:HE1	1:73:A:ILE:HG21	19	0.42
(17,1446)	1:69:A:MET:HE1	1:73:A:ILE:HG22	19	0.42
(17,1446)	1:69:A:MET:HE1	1:73:A:ILE:HG23	19	0.42
(17,1446)	1:69:A:MET:HE2	1:73:A:ILE:HG21	19	0.42
(17,1446)	1:69:A:MET:HE2	1:73:A:ILE:HG22	19	0.42
(17,1446)	1:69:A:MET:HE2	1:73:A:ILE:HG23	19	0.42
(17,1446)	1:69:A:MET:HE3	1:73:A:ILE:HG21	19	0.42
(17,1446)	1:69:A:MET:HE3	1:73:A:ILE:HG22	19	0.42
(17,1446)	1:69:A:MET:HE3	1:73:A:ILE:HG23	19	0.42
(17,1420)	1:132:A:ALA:HB1	1:133:A:ASN:HD22	17	0.42
(17,1420)	1:132:A:ALA:HB2	1:133:A:ASN:HD22	17	0.42
(17,1420)	1:132:A:ALA:HB3	1:133:A:ASN:HD22	17	0.42
(17,1415)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	2	0.42
(17,1415)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	2	0.42
(17,1415)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	2	0.42
(17,1415)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	2	0.42
(17,1415)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	2	0.42
(17,1415)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	2	0.42
(17,1401)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	14	0.42
(17,1401)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	14	0.42
(17,1401)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	14	0.42
(17,1043)	1:63:A:ILE:H	1:63:A:ILE:HG12	11	0.42
(17,999)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	1	0.42
(17,999)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	1	0.42
(17,977)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	4	0.42
(17,977)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	4	0.42
(17,977)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	4	0.42
(17,919)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	5	0.42
(17,919)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	5	0.42
(17,876)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	14	0.42
(17,876)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	14	0.42
(17,871)	1:56:A:CYS:H	1:122:A:ASP:HB3	4	0.42
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	2	0.42
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	2	0.42
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	2	0.42
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	2	0.42
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	2	0.42
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	2	0.42
(17,744)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	8	0.42
(17,721)	1:54:A:ARG:HE	1:58:A:ILE:HD11	7	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,721)	1:54:A:ARG:HE	1:58:A:ILE:HD12	7	0.42
(17,721)	1:54:A:ARG:HE	1:58:A:ILE:HD13	7	0.42
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	16	0.42
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	16	0.42
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	16	0.42
(17,577)	1:126:A:GLY:H	1:128:A:LEU:HG	7	0.42
(17,555)	1:116:A:GLN:H	1:116:A:GLN:HE22	19	0.42
(17,550)	1:124:A:THR:H	1:128:A:LEU:HD21	19	0.42
(17,550)	1:124:A:THR:H	1:128:A:LEU:HD22	19	0.42
(17,550)	1:124:A:THR:H	1:128:A:LEU:HD23	19	0.42
(17,384)	1:119:A:LEU:H	1:120:A:CYS:HB2	6	0.42
(17,39)	1:43:A:MET:HA	1:47:A:ALA:H	6	0.42
(16,2371)	1:116:A:GLN:HG2	1:117:A:VAL:HA	7	0.42
(16,2371)	1:116:A:GLN:HG3	1:117:A:VAL:HA	7	0.42
(16,2371)	1:116:A:GLN:HG2	1:117:A:VAL:HA	13	0.42
(16,2371)	1:116:A:GLN:HG3	1:117:A:VAL:HA	13	0.42
(16,2371)	1:116:A:GLN:HG2	1:117:A:VAL:HA	14	0.42
(16,2371)	1:116:A:GLN:HG3	1:117:A:VAL:HA	14	0.42
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG2	5	0.42
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG3	5	0.42
(16,2332)	1:107:A:LEU:HD11	1:115:A:ALA:H	3	0.42
(16,2332)	1:107:A:LEU:HD12	1:115:A:ALA:H	3	0.42
(16,2332)	1:107:A:LEU:HD13	1:115:A:ALA:H	3	0.42
(16,2332)	1:107:A:LEU:HD21	1:115:A:ALA:H	3	0.42
(16,2332)	1:107:A:LEU:HD22	1:115:A:ALA:H	3	0.42
(16,2332)	1:107:A:LEU:HD23	1:115:A:ALA:H	3	0.42
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD11	6	0.42
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD12	6	0.42
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD13	6	0.42
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD21	6	0.42
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD22	6	0.42
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD23	6	0.42
(16,2057)	1:30:A:LEU:HD11	1:31:A:PRO:HG2	18	0.42
(16,2057)	1:30:A:LEU:HD11	1:31:A:PRO:HG3	18	0.42
(16,2057)	1:30:A:LEU:HD12	1:31:A:PRO:HG2	18	0.42
(16,2057)	1:30:A:LEU:HD12	1:31:A:PRO:HG3	18	0.42
(16,2057)	1:30:A:LEU:HD13	1:31:A:PRO:HG2	18	0.42
(16,2057)	1:30:A:LEU:HD13	1:31:A:PRO:HG3	18	0.42
(16,2057)	1:30:A:LEU:HD21	1:31:A:PRO:HG2	18	0.42
(16,2057)	1:30:A:LEU:HD21	1:31:A:PRO:HG3	18	0.42
(16,2057)	1:30:A:LEU:HD22	1:31:A:PRO:HG2	18	0.42
(16,2057)	1:30:A:LEU:HD22	1:31:A:PRO:HG3	18	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2057)	1:30:A:LEU:HD23	1:31:A:PRO:HG2	18	0.42
(16,2057)	1:30:A:LEU:HD23	1:31:A:PRO:HG3	18	0.42
(16,2012)	1:18:A:PHE:HB2	1:132:A:ALA:H	2	0.42
(16,2012)	1:18:A:PHE:HB3	1:132:A:ALA:H	2	0.42
(16,1983)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	19	0.42
(16,1983)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	19	0.42
(16,1983)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	19	0.42
(16,1983)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	19	0.42
(16,1983)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	19	0.42
(16,1983)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	19	0.42
(16,1983)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	19	0.42
(16,1983)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	19	0.42
(16,1983)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	19	0.42
(16,1983)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	19	0.42
(16,1983)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	19	0.42
(16,1983)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	19	0.42
(16,1950)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	1	0.42
(16,1950)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	1	0.42
(16,1950)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	1	0.42
(16,1950)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	1	0.42
(16,1950)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	1	0.42
(16,1950)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	1	0.42
(16,1884)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	15	0.42
(16,1884)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	15	0.42
(16,1884)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	15	0.42
(16,1884)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	15	0.42
(16,1884)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	15	0.42
(16,1884)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	15	0.42
(16,1882)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	9	0.42
(16,1882)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	9	0.42
(16,1882)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	9	0.42
(16,1882)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	9	0.42
(16,1882)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	9	0.42
(16,1882)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	9	0.42
(16,1841)	1:9:A:PHE:HD1	1:57:A:LEU:HG	10	0.42
(16,1841)	1:9:A:PHE:HD2	1:57:A:LEU:HG	10	0.42
(16,1763)	1:95:A:ILE:HB	1:97:A:ASP:HB2	16	0.42
(16,1763)	1:95:A:ILE:HB	1:97:A:ASP:HB3	16	0.42
(16,1763)	1:95:A:ILE:HB	1:97:A:ASP:HB2	18	0.42
(16,1763)	1:95:A:ILE:HB	1:97:A:ASP:HB3	18	0.42
(16,1701)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	2	0.42
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	4	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	4	0.42
(16,1587)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	13	0.42
(16,1587)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	13	0.42
(16,1587)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	13	0.42
(16,1459)	1:13:A:ALA:HB1	1:79:A:THR:HB	1	0.42
(16,1459)	1:13:A:ALA:HB2	1:79:A:THR:HB	1	0.42
(16,1459)	1:13:A:ALA:HB3	1:79:A:THR:HB	1	0.42
(16,1400)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	14	0.42
(16,1400)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	14	0.42
(16,1400)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	14	0.42
(16,1270)	1:113:A:PHE:HE1	1:117:A:VAL:HG11	8	0.42
(16,1270)	1:113:A:PHE:HE1	1:117:A:VAL:HG12	8	0.42
(16,1270)	1:113:A:PHE:HE1	1:117:A:VAL:HG13	8	0.42
(16,1270)	1:113:A:PHE:HE2	1:117:A:VAL:HG11	8	0.42
(16,1270)	1:113:A:PHE:HE2	1:117:A:VAL:HG12	8	0.42
(16,1270)	1:113:A:PHE:HE2	1:117:A:VAL:HG13	8	0.42
(16,1237)	1:136:A:CYS:HA	1:140:A:LEU:HD11	12	0.42
(16,1237)	1:136:A:CYS:HA	1:140:A:LEU:HD12	12	0.42
(16,1237)	1:136:A:CYS:HA	1:140:A:LEU:HD13	12	0.42
(16,930)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	1	0.42
(16,930)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	1	0.42
(16,930)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	1	0.42
(16,912)	1:54:A:ARG:HA	1:58:A:ILE:HB	11	0.42
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE1	8	0.42
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE2	8	0.42
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE3	8	0.42
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE1	8	0.42
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE2	8	0.42
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE3	8	0.42
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE1	8	0.42
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE2	8	0.42
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE3	8	0.42
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE1	13	0.42
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE2	13	0.42
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE3	13	0.42
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE1	13	0.42
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE2	13	0.42
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE3	13	0.42
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE1	13	0.42
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE2	13	0.42
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE3	13	0.42
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	2	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	2	0.42
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	2	0.42
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	2	0.42
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	2	0.42
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	2	0.42
(16,726)	1:54:A:ARG:HE	1:58:A:ILE:HD11	7	0.42
(16,726)	1:54:A:ARG:HE	1:58:A:ILE:HD12	7	0.42
(16,726)	1:54:A:ARG:HE	1:58:A:ILE:HD13	7	0.42
(16,658)	1:79:A:THR:H	1:80:A:TYR:HD1	6	0.42
(16,658)	1:79:A:THR:H	1:80:A:TYR:HD2	6	0.42
(16,587)	1:126:A:GLY:H	1:128:A:LEU:HG	2	0.42
(16,395)	1:119:A:LEU:H	1:120:A:CYS:HB2	6	0.42
(16,251)	1:23:A:LEU:HD21	1:24:A:ASP:H	6	0.42
(16,251)	1:23:A:LEU:HD22	1:24:A:ASP:H	6	0.42
(16,251)	1:23:A:LEU:HD23	1:24:A:ASP:H	6	0.42
(16,224)	1:48:A:ARG:H	1:48:A:ARG:HG2	9	0.42
(16,224)	1:48:A:ARG:H	1:48:A:ARG:HG3	9	0.42
(16,111)	1:21:A:THR:HB	1:22:A:ASP:H	18	0.42
(16,88)	1:151:A:PHE:H	1:151:A:PHE:HB3	1	0.42
(16,88)	1:151:A:PHE:H	1:151:A:PHE:HB3	10	0.42
(15,2457)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	12	0.42
(15,2457)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	12	0.42
(15,2457)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	12	0.42
(15,2457)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	12	0.42
(15,2457)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	12	0.42
(15,2457)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	12	0.42
(15,2412)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	18	0.42
(15,2412)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	18	0.42
(15,2140)	1:47:A:ALA:H	1:134:A:VAL:HG11	15	0.42
(15,2140)	1:47:A:ALA:H	1:134:A:VAL:HG12	15	0.42
(15,2140)	1:47:A:ALA:H	1:134:A:VAL:HG13	15	0.42
(15,2140)	1:47:A:ALA:H	1:134:A:VAL:HG21	15	0.42
(15,2140)	1:47:A:ALA:H	1:134:A:VAL:HG22	15	0.42
(15,2140)	1:47:A:ALA:H	1:134:A:VAL:HG23	15	0.42
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD11	1	0.42
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD12	1	0.42
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD13	1	0.42
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD21	1	0.42
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD22	1	0.42
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD23	1	0.42
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD11	1	0.42
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD12	1	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD13	1	0.42
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD21	1	0.42
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD22	1	0.42
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD23	1	0.42
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD11	1	0.42
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD12	1	0.42
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD13	1	0.42
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD21	1	0.42
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD22	1	0.42
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD23	1	0.42
(15,2036)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	7	0.42
(15,2036)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	7	0.42
(15,2036)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	7	0.42
(15,2036)	1:31:A:PRO:HD2	1:144:A:LEU:HD21	7	0.42
(15,2036)	1:31:A:PRO:HD2	1:144:A:LEU:HD22	7	0.42
(15,2036)	1:31:A:PRO:HD2	1:144:A:LEU:HD23	7	0.42
(15,2036)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	7	0.42
(15,2036)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	7	0.42
(15,2036)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	7	0.42
(15,2036)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	7	0.42
(15,2036)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	7	0.42
(15,2036)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	7	0.42
(15,1988)	1:17:A:ASN:HB2	1:76:A:ARG:HA	10	0.42
(15,1988)	1:17:A:ASN:HB3	1:76:A:ARG:HA	10	0.42
(15,1839)	1:9:A:PHE:HD1	1:57:A:LEU:HG	10	0.42
(15,1839)	1:9:A:PHE:HD2	1:57:A:LEU:HG	10	0.42
(15,1640)	1:97:A:ASP:HB2	1:102:A:PRO:HA	7	0.42
(15,1640)	1:97:A:ASP:HB3	1:102:A:PRO:HA	7	0.42
(15,1631)	1:26:A:ASP:HA	1:27:A:ARG:HB2	17	0.42
(15,1578)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	12	0.42
(15,1578)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	12	0.42
(15,1578)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	12	0.42
(15,1577)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	14	0.42
(15,1577)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	14	0.42
(15,1577)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	14	0.42
(15,1577)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	18	0.42
(15,1577)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	18	0.42
(15,1577)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	18	0.42
(15,1521)	1:66:A:THR:HG21	1:69:A:MET:HE1	7	0.42
(15,1521)	1:66:A:THR:HG21	1:69:A:MET:HE2	7	0.42
(15,1521)	1:66:A:THR:HG21	1:69:A:MET:HE3	7	0.42
(15,1521)	1:66:A:THR:HG22	1:69:A:MET:HE1	7	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1521)	1:66:A:THR:HG22	1:69:A:MET:HE2	7	0.42
(15,1521)	1:66:A:THR:HG22	1:69:A:MET:HE3	7	0.42
(15,1521)	1:66:A:THR:HG23	1:69:A:MET:HE1	7	0.42
(15,1521)	1:66:A:THR:HG23	1:69:A:MET:HE2	7	0.42
(15,1521)	1:66:A:THR:HG23	1:69:A:MET:HE3	7	0.42
(15,1516)	1:110:A:MET:HE1	1:113:A:PHE:HA	10	0.42
(15,1516)	1:110:A:MET:HE2	1:113:A:PHE:HA	10	0.42
(15,1516)	1:110:A:MET:HE3	1:113:A:PHE:HA	10	0.42
(15,1506)	1:69:A:MET:HE1	1:110:A:MET:H	10	0.42
(15,1506)	1:69:A:MET:HE2	1:110:A:MET:H	10	0.42
(15,1506)	1:69:A:MET:HE3	1:110:A:MET:H	10	0.42
(15,1506)	1:69:A:MET:HE1	1:110:A:MET:H	13	0.42
(15,1506)	1:69:A:MET:HE2	1:110:A:MET:H	13	0.42
(15,1506)	1:69:A:MET:HE3	1:110:A:MET:H	13	0.42
(15,1400)	1:132:A:ALA:HB1	1:133:A:ASN:HD22	17	0.42
(15,1400)	1:132:A:ALA:HB2	1:133:A:ASN:HD22	17	0.42
(15,1400)	1:132:A:ALA:HB3	1:133:A:ASN:HD22	17	0.42
(15,1396)	1:11:A:ILE:HG21	1:44:A:GLU:HB2	10	0.42
(15,1396)	1:11:A:ILE:HG21	1:44:A:GLU:HB3	10	0.42
(15,1396)	1:11:A:ILE:HG22	1:44:A:GLU:HB2	10	0.42
(15,1396)	1:11:A:ILE:HG22	1:44:A:GLU:HB3	10	0.42
(15,1396)	1:11:A:ILE:HG23	1:44:A:GLU:HB2	10	0.42
(15,1396)	1:11:A:ILE:HG23	1:44:A:GLU:HB3	10	0.42
(15,1221)	1:110:A:MET:HA	1:113:A:PHE:HB2	17	0.42
(15,1039)	1:63:A:ILE:H	1:63:A:ILE:HG12	11	0.42
(15,883)	1:151:A:PHE:H	1:151:A:PHE:HB3	19	0.42
(15,870)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	14	0.42
(15,870)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	14	0.42
(15,765)	1:12:A:VAL:H	1:40:A:LEU:HD21	4	0.42
(15,765)	1:12:A:VAL:H	1:40:A:LEU:HD22	4	0.42
(15,765)	1:12:A:VAL:H	1:40:A:LEU:HD23	4	0.42
(15,760)	1:141:A:LYS:H	1:143:A:TRP:HB2	12	0.42
(15,720)	1:54:A:ARG:HE	1:58:A:ILE:HD11	7	0.42
(15,720)	1:54:A:ARG:HE	1:58:A:ILE:HD12	7	0.42
(15,720)	1:54:A:ARG:HE	1:58:A:ILE:HD13	7	0.42
(15,675)	1:63:A:ILE:HG12	1:117:A:VAL:H	9	0.42
(15,588)	1:126:A:GLY:H	1:128:A:LEU:HG	1	0.42
(15,265)	1:39:A:VAL:H	1:39:A:VAL:HB	4	0.42
(15,265)	1:39:A:VAL:H	1:39:A:VAL:HB	6	0.42
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB1	13	0.42
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB2	13	0.42
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB3	13	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB1	17	0.42
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB2	17	0.42
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB3	17	0.42
(15,129)	1:79:A:THR:HB	1:80:A:TYR:H	19	0.42
(15,127)	1:79:A:THR:HA	1:80:A:TYR:H	12	0.42
(15,127)	1:79:A:THR:HA	1:80:A:TYR:H	19	0.42
(15,55)	1:98:A:ILE:H	1:101:A:ILE:HG13	12	0.42
(13,2453)	1:141:A:LYS:HA	1:148:A:CYS:HB2	8	0.42
(13,2453)	1:141:A:LYS:HA	1:148:A:CYS:HB3	8	0.42
(13,2443)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	12	0.42
(13,2443)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	12	0.42
(13,2443)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	12	0.42
(13,2443)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	12	0.42
(13,2443)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	12	0.42
(13,2443)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	12	0.42
(13,2313)	1:107:A:LEU:HD11	1:115:A:ALA:H	3	0.42
(13,2313)	1:107:A:LEU:HD12	1:115:A:ALA:H	3	0.42
(13,2313)	1:107:A:LEU:HD13	1:115:A:ALA:H	3	0.42
(13,2313)	1:107:A:LEU:HD21	1:115:A:ALA:H	3	0.42
(13,2313)	1:107:A:LEU:HD22	1:115:A:ALA:H	3	0.42
(13,2313)	1:107:A:LEU:HD23	1:115:A:ALA:H	3	0.42
(13,2261)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	1	0.42
(13,2261)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	1	0.42
(13,2261)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	1	0.42
(13,2261)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	1	0.42
(13,2261)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	1	0.42
(13,2261)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	1	0.42
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD11	7	0.42
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD12	7	0.42
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD13	7	0.42
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD21	7	0.42
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD22	7	0.42
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD23	7	0.42
(13,2126)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	6	0.42
(13,2126)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	6	0.42
(13,2126)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	6	0.42
(13,2126)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	6	0.42
(13,2126)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	6	0.42
(13,2126)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	6	0.42
(13,2126)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	6	0.42
(13,2126)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	6	0.42
(13,2126)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	6	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2126)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	6	0.42
(13,2126)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	6	0.42
(13,2126)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	6	0.42
(13,2126)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	6	0.42
(13,2126)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	6	0.42
(13,2126)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	6	0.42
(13,2126)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	6	0.42
(13,2126)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	6	0.42
(13,2126)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	6	0.42
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD11	1	0.42
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD12	1	0.42
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD13	1	0.42
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD21	1	0.42
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD22	1	0.42
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD23	1	0.42
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG21	18	0.42
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG22	18	0.42
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG23	18	0.42
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG21	18	0.42
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG22	18	0.42
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG23	18	0.42
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG21	18	0.42
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG22	18	0.42
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG23	18	0.42
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG21	18	0.42
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG22	18	0.42
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG23	18	0.42
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG21	18	0.42
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG22	18	0.42
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG23	18	0.42
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG21	18	0.42
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG22	18	0.42
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG23	18	0.42
(13,1929)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	12	0.42
(13,1929)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	12	0.42
(13,1929)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	12	0.42
(13,1929)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	12	0.42
(13,1929)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	12	0.42
(13,1929)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	12	0.42
(13,1929)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	12	0.42
(13,1929)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	12	0.42
(13,1929)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	12	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1929)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	12	0.42
(13,1929)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	12	0.42
(13,1929)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	12	0.42
(13,1929)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	12	0.42
(13,1929)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	12	0.42
(13,1929)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	12	0.42
(13,1929)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	12	0.42
(13,1929)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	12	0.42
(13,1929)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	12	0.42
(13,1891)	1:9:A:PHE:HE1	1:54:A:ARG:HB2	19	0.42
(13,1891)	1:9:A:PHE:HE1	1:54:A:ARG:HB3	19	0.42
(13,1891)	1:9:A:PHE:HE2	1:54:A:ARG:HB2	19	0.42
(13,1891)	1:9:A:PHE:HE2	1:54:A:ARG:HB3	19	0.42
(13,1817)	1:9:A:PHE:HZ	1:58:A:ILE:HG13	19	0.42
(13,1699)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	19	0.42
(13,1699)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	19	0.42
(13,1699)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	19	0.42
(13,1606)	1:26:A:ASP:HA	1:27:A:ARG:HB2	17	0.42
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD21	19	0.42
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD22	19	0.42
(13,1525)	1:30:A:LEU:H	1:144:A:LEU:HD23	19	0.42
(13,1375)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	14	0.42
(13,1375)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	14	0.42
(13,1375)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	14	0.42
(13,1315)	1:105:A:LYS:HG2	1:106:A:ASP:HA	16	0.42
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	10	0.42
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	10	0.42
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	10	0.42
(13,1098)	1:105:A:LYS:HA	1:105:A:LYS:HG2	5	0.42
(13,1020)	1:63:A:ILE:H	1:63:A:ILE:HG12	11	0.42
(13,863)	1:141:A:LYS:HA	1:148:A:CYS:HB3	8	0.42
(13,823)	1:45:A:ALA:HA	1:48:A:ARG:HD2	11	0.42
(13,823)	1:45:A:ALA:HA	1:48:A:ARG:HD3	11	0.42
(13,743)	1:141:A:LYS:H	1:143:A:TRP:HB2	12	0.42
(13,703)	1:54:A:ARG:HE	1:58:A:ILE:HD11	7	0.42
(13,703)	1:54:A:ARG:HE	1:58:A:ILE:HD12	7	0.42
(13,703)	1:54:A:ARG:HE	1:58:A:ILE:HD13	7	0.42
(13,608)	1:55:A:GLY:H	1:58:A:ILE:HG13	1	0.42
(13,549)	1:124:A:THR:H	1:128:A:LEU:HD21	19	0.42
(13,549)	1:124:A:THR:H	1:128:A:LEU:HD22	19	0.42
(13,549)	1:124:A:THR:H	1:128:A:LEU:HD23	19	0.42
(13,246)	1:58:A:ILE:H	1:58:A:ILE:HG13	12	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,218)	1:48:A:ARG:H	1:48:A:ARG:HG2	9	0.42
(13,218)	1:48:A:ARG:H	1:48:A:ARG:HG3	9	0.42
(13,156)	1:127:A:CYS:H	1:128:A:LEU:HG	3	0.42
(13,119)	1:79:A:THR:HA	1:80:A:TYR:H	12	0.42
(13,119)	1:79:A:THR:HA	1:80:A:TYR:H	19	0.42
(13,110)	1:21:A:THR:HB	1:22:A:ASP:H	18	0.42
(11,2419)	1:134:A:VAL:HG11	1:137:A:SER:HB2	16	0.42
(11,2419)	1:134:A:VAL:HG11	1:137:A:SER:HB3	16	0.42
(11,2419)	1:134:A:VAL:HG12	1:137:A:SER:HB2	16	0.42
(11,2419)	1:134:A:VAL:HG12	1:137:A:SER:HB3	16	0.42
(11,2419)	1:134:A:VAL:HG13	1:137:A:SER:HB2	16	0.42
(11,2419)	1:134:A:VAL:HG13	1:137:A:SER:HB3	16	0.42
(11,2419)	1:134:A:VAL:HG21	1:137:A:SER:HB2	16	0.42
(11,2419)	1:134:A:VAL:HG21	1:137:A:SER:HB3	16	0.42
(11,2419)	1:134:A:VAL:HG22	1:137:A:SER:HB2	16	0.42
(11,2419)	1:134:A:VAL:HG22	1:137:A:SER:HB3	16	0.42
(11,2419)	1:134:A:VAL:HG23	1:137:A:SER:HB2	16	0.42
(11,2419)	1:134:A:VAL:HG23	1:137:A:SER:HB3	16	0.42
(11,2286)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	5	0.42
(11,2286)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	5	0.42
(11,2286)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	5	0.42
(11,2286)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	5	0.42
(11,2254)	1:69:A:MET:HG2	1:70:A:LYS:HE2	16	0.42
(11,2254)	1:69:A:MET:HG2	1:70:A:LYS:HE3	16	0.42
(11,2254)	1:69:A:MET:HG3	1:70:A:LYS:HE2	16	0.42
(11,2254)	1:69:A:MET:HG3	1:70:A:LYS:HE3	16	0.42
(11,2238)	1:66:A:THR:H	1:70:A:LYS:HD2	16	0.42
(11,2238)	1:66:A:THR:H	1:70:A:LYS:HD3	16	0.42
(11,2218)	1:60:A:LEU:HD11	1:61:A:SER:HB2	18	0.42
(11,2218)	1:60:A:LEU:HD11	1:61:A:SER:HB3	18	0.42
(11,2218)	1:60:A:LEU:HD12	1:61:A:SER:HB2	18	0.42
(11,2218)	1:60:A:LEU:HD12	1:61:A:SER:HB3	18	0.42
(11,2218)	1:60:A:LEU:HD13	1:61:A:SER:HB2	18	0.42
(11,2218)	1:60:A:LEU:HD13	1:61:A:SER:HB3	18	0.42
(11,2218)	1:60:A:LEU:HD11	1:61:A:SER:HB2	19	0.42
(11,2218)	1:60:A:LEU:HD11	1:61:A:SER:HB3	19	0.42
(11,2218)	1:60:A:LEU:HD12	1:61:A:SER:HB2	19	0.42
(11,2218)	1:60:A:LEU:HD12	1:61:A:SER:HB3	19	0.42
(11,2218)	1:60:A:LEU:HD13	1:61:A:SER:HB2	19	0.42
(11,2218)	1:60:A:LEU:HD13	1:61:A:SER:HB3	19	0.42
(11,2146)	1:40:A:LEU:HD11	1:44:A:GLU:H	18	0.42
(11,2146)	1:40:A:LEU:HD12	1:44:A:GLU:H	18	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2146)	1:40:A:LEU:HD13	1:44:A:GLU:H	18	0.42
(11,2146)	1:40:A:LEU:HD21	1:44:A:GLU:H	18	0.42
(11,2146)	1:40:A:LEU:HD22	1:44:A:GLU:H	18	0.42
(11,2146)	1:40:A:LEU:HD23	1:44:A:GLU:H	18	0.42
(11,2074)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	5	0.42
(11,2074)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	5	0.42
(11,2074)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	5	0.42
(11,2074)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	5	0.42
(11,2039)	1:18:A:PHE:HB2	1:132:A:ALA:H	2	0.42
(11,2039)	1:18:A:PHE:HB3	1:132:A:ALA:H	2	0.42
(11,2027)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	8	0.42
(11,2027)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	8	0.42
(11,2027)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	8	0.42
(11,2027)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	8	0.42
(11,2027)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	8	0.42
(11,2027)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	8	0.42
(11,2027)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	8	0.42
(11,2027)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	8	0.42
(11,2027)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	8	0.42
(11,2027)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	8	0.42
(11,2027)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	8	0.42
(11,2027)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	8	0.42
(11,2027)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	8	0.42
(11,2027)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	8	0.42
(11,2027)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	8	0.42
(11,2027)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	8	0.42
(11,2027)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	8	0.42
(11,2027)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	8	0.42
(11,2027)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	18	0.42
(11,2027)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	18	0.42
(11,2027)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	18	0.42
(11,2027)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	18	0.42
(11,2027)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	18	0.42
(11,2027)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	18	0.42
(11,2027)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	18	0.42
(11,2027)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	18	0.42
(11,2027)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	18	0.42
(11,2027)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	18	0.42
(11,2027)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	18	0.42
(11,2027)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	18	0.42
(11,2027)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	18	0.42
(11,2027)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	18	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2027)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	18	0.42
(11,2027)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	18	0.42
(11,2027)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	18	0.42
(11,2027)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	18	0.42
(11,1997)	1:12:A:VAL:HG11	1:43:A:MET:HE1	6	0.42
(11,1997)	1:12:A:VAL:HG11	1:43:A:MET:HE2	6	0.42
(11,1997)	1:12:A:VAL:HG11	1:43:A:MET:HE3	6	0.42
(11,1997)	1:12:A:VAL:HG12	1:43:A:MET:HE1	6	0.42
(11,1997)	1:12:A:VAL:HG12	1:43:A:MET:HE2	6	0.42
(11,1997)	1:12:A:VAL:HG12	1:43:A:MET:HE3	6	0.42
(11,1997)	1:12:A:VAL:HG13	1:43:A:MET:HE1	6	0.42
(11,1997)	1:12:A:VAL:HG13	1:43:A:MET:HE2	6	0.42
(11,1997)	1:12:A:VAL:HG13	1:43:A:MET:HE3	6	0.42
(11,1997)	1:12:A:VAL:HG21	1:43:A:MET:HE1	6	0.42
(11,1997)	1:12:A:VAL:HG21	1:43:A:MET:HE2	6	0.42
(11,1997)	1:12:A:VAL:HG21	1:43:A:MET:HE3	6	0.42
(11,1997)	1:12:A:VAL:HG22	1:43:A:MET:HE1	6	0.42
(11,1997)	1:12:A:VAL:HG22	1:43:A:MET:HE2	6	0.42
(11,1997)	1:12:A:VAL:HG22	1:43:A:MET:HE3	6	0.42
(11,1997)	1:12:A:VAL:HG23	1:43:A:MET:HE1	6	0.42
(11,1997)	1:12:A:VAL:HG23	1:43:A:MET:HE2	6	0.42
(11,1997)	1:12:A:VAL:HG23	1:43:A:MET:HE3	6	0.42
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	5	0.42
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	5	0.42
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	5	0.42
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	5	0.42
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	5	0.42
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	5	0.42
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	5	0.42
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	5	0.42
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	5	0.42
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	5	0.42
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	5	0.42
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	5	0.42
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	5	0.42
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	5	0.42
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	5	0.42
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	5	0.42
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	5	0.42
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	5	0.42
(11,1896)	1:72:A:PHE:HD1	1:109:A:PRO:HD2	4	0.42
(11,1896)	1:72:A:PHE:HD2	1:109:A:PRO:HD2	4	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1844)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	16	0.42
(11,1844)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	16	0.42
(11,1769)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	19	0.42
(11,1769)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	19	0.42
(11,1769)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	19	0.42
(11,1679)	1:97:A:ASP:HB2	1:102:A:PRO:HA	7	0.42
(11,1679)	1:97:A:ASP:HB3	1:102:A:PRO:HA	7	0.42
(11,1672)	1:26:A:ASP:HA	1:27:A:ARG:HB2	17	0.42
(11,1546)	1:110:A:MET:HE1	1:113:A:PHE:HA	10	0.42
(11,1546)	1:110:A:MET:HE2	1:113:A:PHE:HA	10	0.42
(11,1546)	1:110:A:MET:HE3	1:113:A:PHE:HA	10	0.42
(11,1536)	1:69:A:MET:HE1	1:110:A:MET:H	10	0.42
(11,1536)	1:69:A:MET:HE2	1:110:A:MET:H	10	0.42
(11,1536)	1:69:A:MET:HE3	1:110:A:MET:H	10	0.42
(11,1536)	1:69:A:MET:HE1	1:110:A:MET:H	13	0.42
(11,1536)	1:69:A:MET:HE2	1:110:A:MET:H	13	0.42
(11,1536)	1:69:A:MET:HE3	1:110:A:MET:H	13	0.42
(11,1479)	1:13:A:ALA:HB1	1:79:A:THR:HB	1	0.42
(11,1479)	1:13:A:ALA:HB2	1:79:A:THR:HB	1	0.42
(11,1479)	1:13:A:ALA:HB3	1:79:A:THR:HB	1	0.42
(11,1445)	1:69:A:MET:HE1	1:73:A:ILE:HG21	19	0.42
(11,1445)	1:69:A:MET:HE1	1:73:A:ILE:HG22	19	0.42
(11,1445)	1:69:A:MET:HE1	1:73:A:ILE:HG23	19	0.42
(11,1445)	1:69:A:MET:HE2	1:73:A:ILE:HG21	19	0.42
(11,1445)	1:69:A:MET:HE2	1:73:A:ILE:HG22	19	0.42
(11,1445)	1:69:A:MET:HE2	1:73:A:ILE:HG23	19	0.42
(11,1445)	1:69:A:MET:HE3	1:73:A:ILE:HG21	19	0.42
(11,1445)	1:69:A:MET:HE3	1:73:A:ILE:HG22	19	0.42
(11,1445)	1:69:A:MET:HE3	1:73:A:ILE:HG23	19	0.42
(11,1371)	1:113:A:PHE:HE1	1:117:A:VAL:HG11	8	0.42
(11,1371)	1:113:A:PHE:HE1	1:117:A:VAL:HG12	8	0.42
(11,1371)	1:113:A:PHE:HE1	1:117:A:VAL:HG13	8	0.42
(11,1371)	1:113:A:PHE:HE2	1:117:A:VAL:HG11	8	0.42
(11,1371)	1:113:A:PHE:HE2	1:117:A:VAL:HG12	8	0.42
(11,1371)	1:113:A:PHE:HE2	1:117:A:VAL:HG13	8	0.42
(11,1363)	1:105:A:LYS:HG2	1:106:A:ASP:HA	16	0.42
(11,1317)	1:11:A:ILE:HA	1:14:A:VAL:HG11	16	0.42
(11,1317)	1:11:A:ILE:HA	1:14:A:VAL:HG12	16	0.42
(11,1317)	1:11:A:ILE:HA	1:14:A:VAL:HG13	16	0.42
(11,1304)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	2	0.42
(11,1304)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	2	0.42
(11,1304)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	2	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1098)	1:70:A:LYS:HA	1:70:A:LYS:HE2	3	0.42
(11,1098)	1:70:A:LYS:HA	1:70:A:LYS:HE3	3	0.42
(11,1045)	1:63:A:ILE:H	1:63:A:ILE:HG12	11	0.42
(11,872)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	14	0.42
(11,872)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	14	0.42
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	13	0.42
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	13	0.42
(11,787)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	13	0.42
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	13	0.42
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	13	0.42
(11,787)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	13	0.42
(11,720)	1:54:A:ARG:HE	1:58:A:ILE:HD11	7	0.42
(11,720)	1:54:A:ARG:HE	1:58:A:ILE:HD12	7	0.42
(11,720)	1:54:A:ARG:HE	1:58:A:ILE:HD13	7	0.42
(11,686)	1:145:A:PRO:HB3	1:148:A:CYS:H	19	0.42
(11,654)	1:79:A:THR:H	1:80:A:TYR:HD1	6	0.42
(11,654)	1:79:A:THR:H	1:80:A:TYR:HD2	6	0.42
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	16	0.42
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	16	0.42
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	16	0.42
(11,321)	1:56:A:CYS:HA	1:122:A:ASP:H	16	0.42
(11,264)	1:39:A:VAL:H	1:40:A:LEU:HB2	10	0.42
(11,260)	1:39:A:VAL:H	1:39:A:VAL:HB	4	0.42
(11,260)	1:39:A:VAL:H	1:39:A:VAL:HB	6	0.42
(9,2238)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	1	0.42
(9,2238)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	1	0.42
(9,2238)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	1	0.42
(9,2238)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	1	0.42
(9,2238)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	1	0.42
(9,2238)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	1	0.42
(9,2200)	1:69:A:MET:HG2	1:109:A:PRO:HA	17	0.42
(9,2200)	1:69:A:MET:HG3	1:109:A:PRO:HA	17	0.42
(9,2185)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	18	0.42
(9,2185)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	18	0.42
(9,2185)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	18	0.42
(9,2185)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	18	0.42
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD11	17	0.42
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD12	17	0.42
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD13	17	0.42
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD21	17	0.42
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD22	17	0.42
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD23	17	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD11	6	0.42
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD12	6	0.42
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD13	6	0.42
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD21	6	0.42
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD22	6	0.42
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD23	6	0.42
(9,1845)	1:9:A:PHE:HD1	1:57:A:LEU:HG	10	0.42
(9,1845)	1:9:A:PHE:HD2	1:57:A:LEU:HG	10	0.42
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB1	16	0.42
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB2	16	0.42
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB3	16	0.42
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB1	16	0.42
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB2	16	0.42
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB3	16	0.42
(9,1725)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	19	0.42
(9,1725)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	19	0.42
(9,1725)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	19	0.42
(9,1649)	1:69:A:MET:HE1	1:116:A:GLN:HG3	15	0.42
(9,1649)	1:69:A:MET:HE2	1:116:A:GLN:HG3	15	0.42
(9,1649)	1:69:A:MET:HE3	1:116:A:GLN:HG3	15	0.42
(9,1635)	1:97:A:ASP:HB2	1:99:A:PRO:HA	3	0.42
(9,1635)	1:97:A:ASP:HB3	1:99:A:PRO:HA	3	0.42
(9,1628)	1:26:A:ASP:HA	1:27:A:ARG:HB2	17	0.42
(9,1592)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	13	0.42
(9,1592)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	13	0.42
(9,1592)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	13	0.42
(9,1511)	1:69:A:MET:HE1	1:110:A:MET:H	10	0.42
(9,1511)	1:69:A:MET:HE2	1:110:A:MET:H	10	0.42
(9,1511)	1:69:A:MET:HE3	1:110:A:MET:H	10	0.42
(9,1511)	1:69:A:MET:HE1	1:110:A:MET:H	13	0.42
(9,1511)	1:69:A:MET:HE2	1:110:A:MET:H	13	0.42
(9,1511)	1:69:A:MET:HE3	1:110:A:MET:H	13	0.42
(9,1478)	1:101:A:ILE:HG21	1:103:A:ARG:HA	5	0.42
(9,1478)	1:101:A:ILE:HG22	1:103:A:ARG:HA	5	0.42
(9,1478)	1:101:A:ILE:HG23	1:103:A:ARG:HA	5	0.42
(9,1452)	1:13:A:ALA:HB1	1:79:A:THR:HB	6	0.42
(9,1452)	1:13:A:ALA:HB2	1:79:A:THR:HB	6	0.42
(9,1452)	1:13:A:ALA:HB3	1:79:A:THR:HB	6	0.42
(9,1421)	1:69:A:MET:HE1	1:73:A:ILE:HG21	19	0.42
(9,1421)	1:69:A:MET:HE1	1:73:A:ILE:HG22	19	0.42
(9,1421)	1:69:A:MET:HE1	1:73:A:ILE:HG23	19	0.42
(9,1421)	1:69:A:MET:HE2	1:73:A:ILE:HG21	19	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1421)	1:69:A:MET:HE2	1:73:A:ILE:HG22	19	0.42
(9,1421)	1:69:A:MET:HE2	1:73:A:ILE:HG23	19	0.42
(9,1421)	1:69:A:MET:HE3	1:73:A:ILE:HG21	19	0.42
(9,1421)	1:69:A:MET:HE3	1:73:A:ILE:HG22	19	0.42
(9,1421)	1:69:A:MET:HE3	1:73:A:ILE:HG23	19	0.42
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD21	10	0.42
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD22	10	0.42
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD23	10	0.42
(9,1087)	1:70:A:LYS:HA	1:70:A:LYS:HE2	3	0.42
(9,1087)	1:70:A:LYS:HA	1:70:A:LYS:HE3	3	0.42
(9,1059)	1:71:A:LYS:HG3	1:72:A:PHE:HA	16	0.42
(9,1031)	1:63:A:ILE:H	1:63:A:ILE:HG12	11	0.42
(9,911)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	5	0.42
(9,911)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	5	0.42
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	2	0.42
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	2	0.42
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	2	0.42
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	2	0.42
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	2	0.42
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	2	0.42
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG11	2	0.42
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG12	2	0.42
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG13	2	0.42
(9,674)	1:18:A:PHE:HB3	1:132:A:ALA:H	5	0.42
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	16	0.42
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	16	0.42
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	16	0.42
(9,328)	1:56:A:CYS:HA	1:122:A:ASP:H	16	0.42
(9,304)	1:43:A:MET:H	1:43:A:MET:HG3	1	0.42
(9,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	3	0.42
(9,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	3	0.42
(9,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	3	0.42
(7,2455)	1:141:A:LYS:HA	1:148:A:CYS:HB2	8	0.42
(7,2455)	1:141:A:LYS:HA	1:148:A:CYS:HB3	8	0.42
(7,2447)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	12	0.42
(7,2447)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	12	0.42
(7,2447)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	12	0.42
(7,2447)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	12	0.42
(7,2447)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	12	0.42
(7,2447)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	12	0.42
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD11	9	0.42
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD12	9	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD13	9	0.42
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD21	9	0.42
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD22	9	0.42
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD23	9	0.42
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD11	9	0.42
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD12	9	0.42
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD13	9	0.42
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD21	9	0.42
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD22	9	0.42
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD23	9	0.42
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD11	9	0.42
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD12	9	0.42
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD13	9	0.42
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD21	9	0.42
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD22	9	0.42
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD23	9	0.42
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD11	9	0.42
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD12	9	0.42
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD13	9	0.42
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD21	9	0.42
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD22	9	0.42
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD23	9	0.42
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD11	9	0.42
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD12	9	0.42
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD13	9	0.42
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD21	9	0.42
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD22	9	0.42
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD23	9	0.42
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD11	9	0.42
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD12	9	0.42
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD13	9	0.42
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD21	9	0.42
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD22	9	0.42
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD23	9	0.42
(7,2247)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	5	0.42
(7,2247)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	5	0.42
(7,2247)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	5	0.42
(7,2247)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	5	0.42
(7,2202)	1:64:A:LYS:H	1:116:A:GLN:HG2	19	0.42
(7,2202)	1:64:A:LYS:H	1:116:A:GLN:HG3	19	0.42
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD11	17	0.42
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD12	17	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD13	17	0.42
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD21	17	0.42
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD22	17	0.42
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD23	17	0.42
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD11	7	0.42
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD12	7	0.42
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD13	7	0.42
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD21	7	0.42
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD22	7	0.42
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD23	7	0.42
(7,2149)	1:50:A:ALA:H	1:130:A:GLY:HA2	9	0.42
(7,2149)	1:50:A:ALA:H	1:130:A:GLY:HA3	9	0.42
(7,2086)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	7	0.42
(7,2086)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	7	0.42
(7,2086)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	7	0.42
(7,2086)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	7	0.42
(7,2086)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	7	0.42
(7,2086)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	7	0.42
(7,2086)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	7	0.42
(7,2086)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	7	0.42
(7,2086)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	7	0.42
(7,2086)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	7	0.42
(7,2086)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	7	0.42
(7,2086)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	7	0.42
(7,2085)	1:39:A:VAL:HG11	1:43:A:MET:HB2	7	0.42
(7,2085)	1:39:A:VAL:HG12	1:43:A:MET:HB2	7	0.42
(7,2085)	1:39:A:VAL:HG13	1:43:A:MET:HB2	7	0.42
(7,2085)	1:39:A:VAL:HG21	1:43:A:MET:HB2	7	0.42
(7,2085)	1:39:A:VAL:HG22	1:43:A:MET:HB2	7	0.42
(7,2085)	1:39:A:VAL:HG23	1:43:A:MET:HB2	7	0.42
(7,1782)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	16	0.42
(7,1782)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	16	0.42
(7,1700)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	19	0.42
(7,1700)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	19	0.42
(7,1700)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	19	0.42
(7,1616)	1:97:A:ASP:HB2	1:102:A:PRO:HA	7	0.42
(7,1616)	1:97:A:ASP:HB3	1:102:A:PRO:HA	7	0.42
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	13	0.42
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	13	0.42
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	13	0.42
(7,1554)	1:101:A:ILE:HD11	1:112:A:GLN:HA	5	0.42
(7,1554)	1:101:A:ILE:HD12	1:112:A:GLN:HA	5	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1554)	1:101:A:ILE:HD13	1:112:A:GLN:HA	5	0.42
(7,1483)	1:43:A:MET:H	1:43:A:MET:HE1	1	0.42
(7,1483)	1:43:A:MET:H	1:43:A:MET:HE2	1	0.42
(7,1483)	1:43:A:MET:H	1:43:A:MET:HE3	1	0.42
(7,1383)	1:132:A:ALA:HB1	1:133:A:ASN:HD22	17	0.42
(7,1383)	1:132:A:ALA:HB2	1:133:A:ASN:HD22	17	0.42
(7,1383)	1:132:A:ALA:HB3	1:133:A:ASN:HD22	17	0.42
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG11	13	0.42
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG12	13	0.42
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG13	13	0.42
(7,1269)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	14	0.42
(7,1269)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	14	0.42
(7,1269)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	14	0.42
(7,1070)	1:70:A:LYS:HA	1:70:A:LYS:HE2	3	0.42
(7,1070)	1:70:A:LYS:HA	1:70:A:LYS:HE3	3	0.42
(7,867)	1:141:A:LYS:HA	1:148:A:CYS:HB3	8	0.42
(7,749)	1:141:A:LYS:H	1:143:A:TRP:HB2	12	0.42
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG11	2	0.42
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG12	2	0.42
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG13	2	0.42
(7,731)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	8	0.42
(7,713)	1:54:A:ARG:HE	1:58:A:ILE:HD11	7	0.42
(7,713)	1:54:A:ARG:HE	1:58:A:ILE:HD12	7	0.42
(7,713)	1:54:A:ARG:HE	1:58:A:ILE:HD13	7	0.42
(7,574)	1:11:A:ILE:HD11	1:16:A:SER:H	9	0.42
(7,574)	1:11:A:ILE:HD12	1:16:A:SER:H	9	0.42
(7,574)	1:11:A:ILE:HD13	1:16:A:SER:H	9	0.42
(7,438)	1:143:A:TRP:H	1:144:A:LEU:HD21	16	0.42
(7,438)	1:143:A:TRP:H	1:144:A:LEU:HD22	16	0.42
(7,438)	1:143:A:TRP:H	1:144:A:LEU:HD23	16	0.42
(7,120)	1:79:A:THR:HA	1:80:A:TYR:H	12	0.42
(7,120)	1:79:A:THR:HA	1:80:A:TYR:H	19	0.42
(7,111)	1:21:A:THR:HB	1:22:A:ASP:H	18	0.42
(7,42)	1:44:A:GLU:HG3	1:47:A:ALA:H	1	0.42
(6,2455)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	12	0.42
(6,2455)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	12	0.42
(6,2455)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	12	0.42
(6,2455)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	12	0.42
(6,2455)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	12	0.42
(6,2455)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	12	0.42
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG11	8	0.42
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG12	8	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG13	8	0.42
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG21	8	0.42
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG22	8	0.42
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG23	8	0.42
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG11	8	0.42
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG12	8	0.42
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG13	8	0.42
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG21	8	0.42
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG22	8	0.42
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG23	8	0.42
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG11	8	0.42
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG12	8	0.42
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG13	8	0.42
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG21	8	0.42
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG22	8	0.42
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG23	8	0.42
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD11	6	0.42
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD12	6	0.42
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD13	6	0.42
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD21	6	0.42
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD22	6	0.42
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD23	6	0.42
(6,2082)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	18	0.42
(6,2082)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	18	0.42
(6,2082)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	18	0.42
(6,2082)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	18	0.42
(6,2082)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	18	0.42
(6,2082)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	18	0.42
(6,2079)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	13	0.42
(6,2079)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	13	0.42
(6,2079)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	13	0.42
(6,2079)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	13	0.42
(6,2079)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	13	0.42
(6,2079)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	13	0.42
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	19	0.42
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	19	0.42
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	19	0.42
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	19	0.42
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	19	0.42
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	19	0.42
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	19	0.42
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	19	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	19	0.42
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	19	0.42
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	19	0.42
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	19	0.42
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	17	0.42
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	17	0.42
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	17	0.42
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	17	0.42
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	17	0.42
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	17	0.42
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	17	0.42
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	17	0.42
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	17	0.42
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	17	0.42
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	17	0.42
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	17	0.42
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB1	16	0.42
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB2	16	0.42
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB3	16	0.42
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB1	16	0.42
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB2	16	0.42
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB3	16	0.42
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	4	0.42
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	4	0.42
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	4	0.42
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	4	0.42
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	4	0.42
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	4	0.42
(6,1785)	1:144:A:LEU:HA	1:144:A:LEU:HD11	1	0.42
(6,1785)	1:144:A:LEU:HA	1:144:A:LEU:HD12	1	0.42
(6,1785)	1:144:A:LEU:HA	1:144:A:LEU:HD13	1	0.42
(6,1698)	1:43:A:MET:HE1	1:137:A:SER:H	16	0.42
(6,1698)	1:43:A:MET:HE2	1:137:A:SER:H	16	0.42
(6,1698)	1:43:A:MET:HE3	1:137:A:SER:H	16	0.42
(6,1647)	1:97:A:ASP:HB2	1:102:A:PRO:HA	7	0.42
(6,1647)	1:97:A:ASP:HB3	1:102:A:PRO:HA	7	0.42
(6,1638)	1:26:A:ASP:HA	1:27:A:ARG:HB2	17	0.42
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	16	0.42
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	16	0.42
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	16	0.42
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	16	0.42
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	16	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	16	0.42
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	16	0.42
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	16	0.42
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	16	0.42
(6,1522)	1:110:A:MET:HE1	1:113:A:PHE:HA	10	0.42
(6,1522)	1:110:A:MET:HE2	1:113:A:PHE:HA	10	0.42
(6,1522)	1:110:A:MET:HE3	1:113:A:PHE:HA	10	0.42
(6,1394)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	8	0.42
(6,1394)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	8	0.42
(6,1394)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	8	0.42
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	5	0.42
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	5	0.42
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	5	0.42
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	5	0.42
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	5	0.42
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	5	0.42
(6,1259)	1:113:A:PHE:HE1	1:117:A:VAL:HG11	8	0.42
(6,1259)	1:113:A:PHE:HE1	1:117:A:VAL:HG12	8	0.42
(6,1259)	1:113:A:PHE:HE1	1:117:A:VAL:HG13	8	0.42
(6,1259)	1:113:A:PHE:HE2	1:117:A:VAL:HG11	8	0.42
(6,1259)	1:113:A:PHE:HE2	1:117:A:VAL:HG12	8	0.42
(6,1259)	1:113:A:PHE:HE2	1:117:A:VAL:HG13	8	0.42
(6,1073)	1:70:A:LYS:HA	1:70:A:LYS:HE2	3	0.42
(6,1073)	1:70:A:LYS:HA	1:70:A:LYS:HE3	3	0.42
(6,1019)	1:63:A:ILE:H	1:63:A:ILE:HG12	11	0.42
(6,862)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	14	0.42
(6,862)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	14	0.42
(6,749)	1:141:A:LYS:H	1:143:A:TRP:HB2	12	0.42
(6,731)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	8	0.42
(6,710)	1:48:A:ARG:HE	1:49:A:LYS:H	16	0.42
(6,673)	1:18:A:PHE:HB3	1:132:A:ALA:H	5	0.42
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD21	16	0.42
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD22	16	0.42
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD23	16	0.42
(6,316)	1:56:A:CYS:HA	1:122:A:ASP:H	16	0.42
(6,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	3	0.42
(6,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	3	0.42
(6,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	3	0.42
(6,120)	1:79:A:THR:HA	1:80:A:TYR:H	12	0.42
(6,120)	1:79:A:THR:HA	1:80:A:TYR:H	19	0.42
(6,38)	1:98:A:ILE:H	1:105:A:LYS:HA	8	0.42
(5,2479)	1:146:A:GLN:HG2	1:148:A:CYS:H	14	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2479)	1:146:A:GLN:HG3	1:148:A:CYS:H	14	0.42
(5,2248)	1:70:A:LYS:H	1:70:A:LYS:HD2	6	0.42
(5,2248)	1:70:A:LYS:H	1:70:A:LYS:HD3	6	0.42
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD11	7	0.42
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD12	7	0.42
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD13	7	0.42
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD21	7	0.42
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD22	7	0.42
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD23	7	0.42
(5,2173)	1:50:A:ALA:H	1:130:A:GLY:HA2	9	0.42
(5,2173)	1:50:A:ALA:H	1:130:A:GLY:HA3	9	0.42
(5,2127)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	9	0.42
(5,2127)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	9	0.42
(5,2127)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	9	0.42
(5,2127)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	9	0.42
(5,2127)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	9	0.42
(5,2127)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	9	0.42
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD11	14	0.42
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD12	14	0.42
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD13	14	0.42
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD21	14	0.42
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD22	14	0.42
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD23	14	0.42
(5,1987)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	6	0.42
(5,1987)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	6	0.42
(5,1987)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	6	0.42
(5,1987)	1:14:A:VAL:HG21	1:60:A:LEU:HD21	6	0.42
(5,1987)	1:14:A:VAL:HG21	1:60:A:LEU:HD22	6	0.42
(5,1987)	1:14:A:VAL:HG21	1:60:A:LEU:HD23	6	0.42
(5,1987)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	6	0.42
(5,1987)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	6	0.42
(5,1987)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	6	0.42
(5,1987)	1:14:A:VAL:HG22	1:60:A:LEU:HD21	6	0.42
(5,1987)	1:14:A:VAL:HG22	1:60:A:LEU:HD22	6	0.42
(5,1987)	1:14:A:VAL:HG22	1:60:A:LEU:HD23	6	0.42
(5,1987)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	6	0.42
(5,1987)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	6	0.42
(5,1987)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	6	0.42
(5,1987)	1:14:A:VAL:HG23	1:60:A:LEU:HD21	6	0.42
(5,1987)	1:14:A:VAL:HG23	1:60:A:LEU:HD22	6	0.42
(5,1987)	1:14:A:VAL:HG23	1:60:A:LEU:HD23	6	0.42
(5,1981)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	9	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1981)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	9	0.42
(5,1981)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	9	0.42
(5,1981)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	9	0.42
(5,1981)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	9	0.42
(5,1981)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	9	0.42
(5,1757)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	19	0.42
(5,1757)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	19	0.42
(5,1757)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	19	0.42
(5,1694)	1:110:A:MET:HB3	1:111:A:GLU:HB2	18	0.42
(5,1694)	1:110:A:MET:HB3	1:111:A:GLU:HB3	18	0.42
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	4	0.42
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	4	0.42
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	14	0.42
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	14	0.42
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	14	0.42
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	14	0.42
(5,1658)	1:97:A:ASP:HB2	1:102:A:PRO:HA	7	0.42
(5,1658)	1:97:A:ASP:HB3	1:102:A:PRO:HA	7	0.42
(5,1652)	1:26:A:ASP:HA	1:27:A:ARG:HB2	17	0.42
(5,1609)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	7	0.42
(5,1609)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	7	0.42
(5,1609)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	7	0.42
(5,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	12	0.42
(5,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	12	0.42
(5,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	12	0.42
(5,1445)	1:69:A:MET:HE1	1:73:A:ILE:HG21	19	0.42
(5,1445)	1:69:A:MET:HE1	1:73:A:ILE:HG22	19	0.42
(5,1445)	1:69:A:MET:HE1	1:73:A:ILE:HG23	19	0.42
(5,1445)	1:69:A:MET:HE2	1:73:A:ILE:HG21	19	0.42
(5,1445)	1:69:A:MET:HE2	1:73:A:ILE:HG22	19	0.42
(5,1445)	1:69:A:MET:HE2	1:73:A:ILE:HG23	19	0.42
(5,1445)	1:69:A:MET:HE3	1:73:A:ILE:HG21	19	0.42
(5,1445)	1:69:A:MET:HE3	1:73:A:ILE:HG22	19	0.42
(5,1445)	1:69:A:MET:HE3	1:73:A:ILE:HG23	19	0.42
(5,1361)	1:105:A:LYS:HG2	1:106:A:ASP:HA	16	0.42
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG21	5	0.42
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG22	5	0.42
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG23	5	0.42
(5,1129)	1:105:A:LYS:HA	1:105:A:LYS:HG2	5	0.42
(5,1044)	1:63:A:ILE:H	1:63:A:ILE:HG12	11	0.42
(5,990)	1:12:A:VAL:HB	1:43:A:MET:HE1	14	0.42
(5,990)	1:12:A:VAL:HB	1:43:A:MET:HE2	14	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,990)	1:12:A:VAL:HB	1:43:A:MET:HE3	14	0.42
(5,953)	1:40:A:LEU:HA	1:43:A:MET:HG2	2	0.42
(5,916)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	18	0.42
(5,913)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	17	0.42
(5,736)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	8	0.42
(5,718)	1:54:A:ARG:HE	1:58:A:ILE:HD11	7	0.42
(5,718)	1:54:A:ARG:HE	1:58:A:ILE:HD12	7	0.42
(5,718)	1:54:A:ARG:HE	1:58:A:ILE:HD13	7	0.42
(5,266)	1:112:A:GLN:H	1:112:A:GLN:HE21	6	0.42
(5,185)	1:44:A:GLU:H	1:44:A:GLU:HG3	5	0.42
(5,116)	1:79:A:THR:HA	1:80:A:TYR:H	12	0.42
(5,116)	1:79:A:THR:HA	1:80:A:TYR:H	19	0.42
(4,2455)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	12	0.42
(4,2455)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	12	0.42
(4,2455)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	12	0.42
(4,2455)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	12	0.42
(4,2455)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	12	0.42
(4,2455)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	12	0.42
(4,2335)	1:107:A:LEU:HD11	1:115:A:ALA:H	3	0.42
(4,2335)	1:107:A:LEU:HD12	1:115:A:ALA:H	3	0.42
(4,2335)	1:107:A:LEU:HD13	1:115:A:ALA:H	3	0.42
(4,2335)	1:107:A:LEU:HD21	1:115:A:ALA:H	3	0.42
(4,2335)	1:107:A:LEU:HD22	1:115:A:ALA:H	3	0.42
(4,2335)	1:107:A:LEU:HD23	1:115:A:ALA:H	3	0.42
(4,2333)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	19	0.42
(4,2333)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	19	0.42
(4,2333)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	19	0.42
(4,2333)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	19	0.42
(4,2333)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	19	0.42
(4,2333)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	19	0.42
(4,2333)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	19	0.42
(4,2333)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	19	0.42
(4,2333)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	19	0.42
(4,2333)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	19	0.42
(4,2333)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	19	0.42
(4,2333)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	19	0.42
(4,2253)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	16	0.42
(4,2253)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	16	0.42
(4,2237)	1:69:A:MET:HG2	1:109:A:PRO:HA	17	0.42
(4,2237)	1:69:A:MET:HG3	1:109:A:PRO:HA	17	0.42
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD11	18	0.42
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD12	18	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD13	18	0.42
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD21	18	0.42
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD22	18	0.42
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD23	18	0.42
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD11	8	0.42
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD12	8	0.42
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD13	8	0.42
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD21	8	0.42
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD22	8	0.42
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD23	8	0.42
(4,2006)	1:17:A:ASN:HB2	1:76:A:ARG:HA	10	0.42
(4,2006)	1:17:A:ASN:HB3	1:76:A:ARG:HA	10	0.42
(4,1979)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	19	0.42
(4,1979)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	19	0.42
(4,1979)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	19	0.42
(4,1979)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	19	0.42
(4,1979)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	19	0.42
(4,1979)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	19	0.42
(4,1979)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	19	0.42
(4,1979)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	19	0.42
(4,1979)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	19	0.42
(4,1979)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	19	0.42
(4,1979)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	19	0.42
(4,1979)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	19	0.42
(4,1965)	1:13:A:ALA:H	1:40:A:LEU:HD11	14	0.42
(4,1965)	1:13:A:ALA:H	1:40:A:LEU:HD12	14	0.42
(4,1965)	1:13:A:ALA:H	1:40:A:LEU:HD13	14	0.42
(4,1965)	1:13:A:ALA:H	1:40:A:LEU:HD21	14	0.42
(4,1965)	1:13:A:ALA:H	1:40:A:LEU:HD22	14	0.42
(4,1965)	1:13:A:ALA:H	1:40:A:LEU:HD23	14	0.42
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	18	0.42
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	18	0.42
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	18	0.42
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	18	0.42
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	18	0.42
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	18	0.42
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	18	0.42
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	18	0.42
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	18	0.42
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	18	0.42
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	18	0.42
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	18	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1760)	1:144:A:LEU:HA	1:144:A:LEU:HD11	1	0.42
(4,1760)	1:144:A:LEU:HA	1:144:A:LEU:HD12	1	0.42
(4,1760)	1:144:A:LEU:HA	1:144:A:LEU:HD13	1	0.42
(4,1621)	1:97:A:ASP:HB2	1:102:A:PRO:HA	7	0.42
(4,1621)	1:97:A:ASP:HB3	1:102:A:PRO:HA	7	0.42
(4,1515)	1:69:A:MET:HE1	1:76:A:ARG:HG2	11	0.42
(4,1515)	1:69:A:MET:HE1	1:76:A:ARG:HG3	11	0.42
(4,1515)	1:69:A:MET:HE2	1:76:A:ARG:HG2	11	0.42
(4,1515)	1:69:A:MET:HE2	1:76:A:ARG:HG3	11	0.42
(4,1515)	1:69:A:MET:HE3	1:76:A:ARG:HG2	11	0.42
(4,1515)	1:69:A:MET:HE3	1:76:A:ARG:HG3	11	0.42
(4,1507)	1:110:A:MET:HE1	1:113:A:PHE:HA	10	0.42
(4,1507)	1:110:A:MET:HE2	1:113:A:PHE:HA	10	0.42
(4,1507)	1:110:A:MET:HE3	1:113:A:PHE:HA	10	0.42
(4,1496)	1:69:A:MET:HE1	1:110:A:MET:H	10	0.42
(4,1496)	1:69:A:MET:HE2	1:110:A:MET:H	10	0.42
(4,1496)	1:69:A:MET:HE3	1:110:A:MET:H	10	0.42
(4,1496)	1:69:A:MET:HE1	1:110:A:MET:H	13	0.42
(4,1496)	1:69:A:MET:HE2	1:110:A:MET:H	13	0.42
(4,1496)	1:69:A:MET:HE3	1:110:A:MET:H	13	0.42
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	16	0.42
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	16	0.42
(4,1456)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	16	0.42
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	16	0.42
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	16	0.42
(4,1456)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	16	0.42
(4,1443)	1:14:A:VAL:HB	1:15:A:ALA:HB1	8	0.42
(4,1443)	1:14:A:VAL:HB	1:15:A:ALA:HB2	8	0.42
(4,1443)	1:14:A:VAL:HB	1:15:A:ALA:HB3	8	0.42
(4,1443)	1:14:A:VAL:HB	1:15:A:ALA:HB1	14	0.42
(4,1443)	1:14:A:VAL:HB	1:15:A:ALA:HB2	14	0.42
(4,1443)	1:14:A:VAL:HB	1:15:A:ALA:HB3	14	0.42
(4,1441)	1:13:A:ALA:HB1	1:79:A:THR:HB	1	0.42
(4,1441)	1:13:A:ALA:HB2	1:79:A:THR:HB	1	0.42
(4,1441)	1:13:A:ALA:HB3	1:79:A:THR:HB	1	0.42
(4,1383)	1:132:A:ALA:HB1	1:133:A:ASN:HD22	17	0.42
(4,1383)	1:132:A:ALA:HB2	1:133:A:ASN:HD22	17	0.42
(4,1383)	1:132:A:ALA:HB3	1:133:A:ASN:HD22	17	0.42
(4,1214)	1:39:A:VAL:H	1:139:A:LEU:HD21	3	0.42
(4,1214)	1:39:A:VAL:H	1:139:A:LEU:HD22	3	0.42
(4,1214)	1:39:A:VAL:H	1:139:A:LEU:HD23	3	0.42
(4,1197)	1:110:A:MET:HA	1:113:A:PHE:HB2	17	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1168)	1:23:A:LEU:HD21	1:24:A:ASP:H	6	0.42
(4,1168)	1:23:A:LEU:HD22	1:24:A:ASP:H	6	0.42
(4,1168)	1:23:A:LEU:HD23	1:24:A:ASP:H	6	0.42
(4,1064)	1:45:A:ALA:HA	1:48:A:ARG:HG2	5	0.42
(4,1064)	1:45:A:ALA:HA	1:48:A:ARG:HG3	5	0.42
(4,1019)	1:63:A:ILE:H	1:63:A:ILE:HG12	11	0.42
(4,982)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	14	0.42
(4,982)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	14	0.42
(4,982)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	14	0.42
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	1	0.42
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	1	0.42
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	1	0.42
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	2	0.42
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	2	0.42
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	2	0.42
(4,908)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	2	0.42
(4,728)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	8	0.42
(4,661)	1:63:A:ILE:HG12	1:117:A:VAL:H	7	0.42
(4,546)	1:124:A:THR:H	1:128:A:LEU:HD21	19	0.42
(4,546)	1:124:A:THR:H	1:128:A:LEU:HD22	19	0.42
(4,546)	1:124:A:THR:H	1:128:A:LEU:HD23	19	0.42
(4,260)	1:39:A:VAL:H	1:40:A:LEU:HB2	10	0.42
(4,257)	1:39:A:VAL:H	1:39:A:VAL:HB	4	0.42
(4,257)	1:39:A:VAL:H	1:39:A:VAL:HB	6	0.42
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB2	4	0.42
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB3	4	0.42
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB2	6	0.42
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB3	6	0.42
(4,111)	1:21:A:THR:HB	1:22:A:ASP:H	18	0.42
(4,48)	1:44:A:GLU:HG3	1:47:A:ALA:H	1	0.42
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE1	3	0.42
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE2	3	0.42
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE3	3	0.42
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE1	3	0.42
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE2	3	0.42
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE3	3	0.42
(3,1689)	1:69:A:MET:HE1	1:116:A:GLN:HG3	5	0.42
(3,1689)	1:69:A:MET:HE2	1:116:A:GLN:HG3	5	0.42
(3,1689)	1:69:A:MET:HE3	1:116:A:GLN:HG3	5	0.42
(3,1676)	1:97:A:ASP:HB2	1:102:A:PRO:HA	7	0.42
(3,1676)	1:97:A:ASP:HB3	1:102:A:PRO:HA	7	0.42
(3,1668)	1:26:A:ASP:HA	1:27:A:ARG:HB2	17	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1631)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	13	0.42
(3,1631)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	13	0.42
(3,1631)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	13	0.42
(3,1558)	1:69:A:MET:HE1	1:76:A:ARG:HG2	4	0.42
(3,1558)	1:69:A:MET:HE1	1:76:A:ARG:HG3	4	0.42
(3,1558)	1:69:A:MET:HE2	1:76:A:ARG:HG2	4	0.42
(3,1558)	1:69:A:MET:HE2	1:76:A:ARG:HG3	4	0.42
(3,1558)	1:69:A:MET:HE3	1:76:A:ARG:HG2	4	0.42
(3,1558)	1:69:A:MET:HE3	1:76:A:ARG:HG3	4	0.42
(3,1539)	1:69:A:MET:HE1	1:110:A:MET:H	10	0.42
(3,1539)	1:69:A:MET:HE2	1:110:A:MET:H	10	0.42
(3,1539)	1:69:A:MET:HE3	1:110:A:MET:H	10	0.42
(3,1539)	1:69:A:MET:HE1	1:110:A:MET:H	13	0.42
(3,1539)	1:69:A:MET:HE2	1:110:A:MET:H	13	0.42
(3,1539)	1:69:A:MET:HE3	1:110:A:MET:H	13	0.42
(3,1260)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	9	0.42
(3,1260)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	9	0.42
(3,1260)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	9	0.42
(3,1236)	1:81:A:GLU:HA	1:81:A:GLU:HG2	13	0.42
(3,1236)	1:81:A:GLU:HA	1:81:A:GLU:HG3	13	0.42
(3,1107)	1:70:A:LYS:HA	1:70:A:LYS:HE2	3	0.42
(3,1107)	1:70:A:LYS:HA	1:70:A:LYS:HE3	3	0.42
(3,1006)	1:12:A:VAL:HB	1:43:A:MET:HE1	14	0.42
(3,1006)	1:12:A:VAL:HB	1:43:A:MET:HE2	14	0.42
(3,1006)	1:12:A:VAL:HB	1:43:A:MET:HE3	14	0.42
(3,990)	1:47:A:ALA:HB1	1:134:A:VAL:HB	3	0.42
(3,990)	1:47:A:ALA:HB2	1:134:A:VAL:HB	3	0.42
(3,990)	1:47:A:ALA:HB3	1:134:A:VAL:HB	3	0.42
(3,885)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	14	0.42
(3,885)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	14	0.42
(3,727)	1:54:A:ARG:HE	1:58:A:ILE:HD11	7	0.42
(3,727)	1:54:A:ARG:HE	1:58:A:ILE:HD12	7	0.42
(3,727)	1:54:A:ARG:HE	1:58:A:ILE:HD13	7	0.42
(3,586)	1:126:A:GLY:H	1:128:A:LEU:HG	2	0.42
(3,567)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	18	0.42
(3,567)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	18	0.42
(3,567)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	18	0.42
(3,564)	1:116:A:GLN:H	1:116:A:GLN:HE22	19	0.42
(3,377)	1:40:A:LEU:HB3	1:41:A:LYS:H	17	0.42
(3,260)	1:39:A:VAL:H	1:39:A:VAL:HB	4	0.42
(3,260)	1:39:A:VAL:H	1:39:A:VAL:HB	6	0.42
(3,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	3	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	3	0.42
(3,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	3	0.42
(2,2440)	1:137:A:SER:HB2	1:140:A:LEU:HB2	16	0.42
(2,2440)	1:137:A:SER:HB3	1:140:A:LEU:HB2	16	0.42
(2,2228)	1:60:A:LEU:HD11	1:61:A:SER:HB2	6	0.42
(2,2228)	1:60:A:LEU:HD11	1:61:A:SER:HB3	6	0.42
(2,2228)	1:60:A:LEU:HD12	1:61:A:SER:HB2	6	0.42
(2,2228)	1:60:A:LEU:HD12	1:61:A:SER:HB3	6	0.42
(2,2228)	1:60:A:LEU:HD13	1:61:A:SER:HB2	6	0.42
(2,2228)	1:60:A:LEU:HD13	1:61:A:SER:HB3	6	0.42
(2,2095)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	13	0.42
(2,2095)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	13	0.42
(2,2095)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	13	0.42
(2,2095)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	13	0.42
(2,2095)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	13	0.42
(2,2095)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	13	0.42
(2,2038)	1:17:A:ASN:HB2	1:76:A:ARG:HA	10	0.42
(2,2038)	1:17:A:ASN:HB3	1:76:A:ARG:HA	10	0.42
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	14	0.42
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	14	0.42
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	14	0.42
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	14	0.42
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	14	0.42
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	14	0.42
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	14	0.42
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	14	0.42
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	14	0.42
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	14	0.42
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	14	0.42
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	14	0.42
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	14	0.42
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	14	0.42
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	14	0.42
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	14	0.42
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	14	0.42
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	14	0.42
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	14	0.42
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	14	0.42
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	14	0.42
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	14	0.42
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	14	0.42
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	14	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	14	0.42
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	14	0.42
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	14	0.42
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	14	0.42
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	14	0.42
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	14	0.42
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	14	0.42
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	14	0.42
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	14	0.42
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	14	0.42
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	14	0.42
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	14	0.42
(2,1996)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	19	0.42
(2,1996)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	19	0.42
(2,1996)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	19	0.42
(2,1996)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	19	0.42
(2,1996)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	19	0.42
(2,1996)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	19	0.42
(2,1996)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	19	0.42
(2,1996)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	19	0.42
(2,1996)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	19	0.42
(2,1996)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	19	0.42
(2,1996)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	19	0.42
(2,1996)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	19	0.42
(2,1927)	1:151:A:PHE:H	1:151:A:PHE:HD1	12	0.42
(2,1927)	1:151:A:PHE:H	1:151:A:PHE:HD2	12	0.42
(2,1799)	1:144:A:LEU:HA	1:144:A:LEU:HD11	1	0.42
(2,1799)	1:144:A:LEU:HA	1:144:A:LEU:HD12	1	0.42
(2,1799)	1:144:A:LEU:HA	1:144:A:LEU:HD13	1	0.42
(2,1751)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	19	0.42
(2,1751)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	19	0.42
(2,1751)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	19	0.42
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE1	5	0.42
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE2	5	0.42
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE3	5	0.42
(2,1655)	1:26:A:ASP:HA	1:27:A:ARG:HB2	17	0.42
(2,1612)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	13	0.42
(2,1612)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	13	0.42
(2,1612)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	13	0.42
(2,1516)	1:69:A:MET:HE1	1:110:A:MET:H	10	0.42
(2,1516)	1:69:A:MET:HE2	1:110:A:MET:H	10	0.42
(2,1516)	1:69:A:MET:HE3	1:110:A:MET:H	10	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1516)	1:69:A:MET:HE1	1:110:A:MET:H	13	0.42
(2,1516)	1:69:A:MET:HE2	1:110:A:MET:H	13	0.42
(2,1516)	1:69:A:MET:HE3	1:110:A:MET:H	13	0.42
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE1	6	0.42
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE2	6	0.42
(2,1507)	1:40:A:LEU:HA	1:43:A:MET:HE3	6	0.42
(2,1467)	1:13:A:ALA:HB1	1:79:A:THR:HB	1	0.42
(2,1467)	1:13:A:ALA:HB2	1:79:A:THR:HB	1	0.42
(2,1467)	1:13:A:ALA:HB3	1:79:A:THR:HB	1	0.42
(2,1433)	1:69:A:MET:HE1	1:73:A:ILE:HG21	19	0.42
(2,1433)	1:69:A:MET:HE1	1:73:A:ILE:HG22	19	0.42
(2,1433)	1:69:A:MET:HE1	1:73:A:ILE:HG23	19	0.42
(2,1433)	1:69:A:MET:HE2	1:73:A:ILE:HG21	19	0.42
(2,1433)	1:69:A:MET:HE2	1:73:A:ILE:HG22	19	0.42
(2,1433)	1:69:A:MET:HE2	1:73:A:ILE:HG23	19	0.42
(2,1433)	1:69:A:MET:HE3	1:73:A:ILE:HG21	19	0.42
(2,1433)	1:69:A:MET:HE3	1:73:A:ILE:HG22	19	0.42
(2,1433)	1:69:A:MET:HE3	1:73:A:ILE:HG23	19	0.42
(2,1172)	1:128:A:LEU:HD11	1:129:A:LYS:H	18	0.42
(2,1172)	1:128:A:LEU:HD12	1:129:A:LYS:H	18	0.42
(2,1172)	1:128:A:LEU:HD13	1:129:A:LYS:H	18	0.42
(2,1029)	1:63:A:ILE:H	1:63:A:ILE:HG12	11	0.42
(2,968)	1:47:A:ALA:HB1	1:134:A:VAL:HB	15	0.42
(2,968)	1:47:A:ALA:HB2	1:134:A:VAL:HB	15	0.42
(2,968)	1:47:A:ALA:HB3	1:134:A:VAL:HB	15	0.42
(2,914)	1:125:A:THR:HB	1:129:A:LYS:HG2	9	0.42
(2,895)	1:20:A:THR:H	1:21:A:THR:HB	8	0.42
(2,865)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	14	0.42
(2,865)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	14	0.42
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG11	2	0.42
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG12	2	0.42
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG13	2	0.42
(2,736)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	8	0.42
(2,685)	1:145:A:PRO:HB3	1:148:A:CYS:H	19	0.42
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD21	16	0.42
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD22	16	0.42
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD23	16	0.42
(2,554)	1:124:A:THR:H	1:128:A:LEU:HD21	19	0.42
(2,554)	1:124:A:THR:H	1:128:A:LEU:HD22	19	0.42
(2,554)	1:124:A:THR:H	1:128:A:LEU:HD23	19	0.42
(2,119)	1:79:A:THR:HA	1:80:A:TYR:H	12	0.42
(2,119)	1:79:A:THR:HA	1:80:A:TYR:H	19	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2426)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	12	0.42
(1,2426)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	12	0.42
(1,2426)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	12	0.42
(1,2426)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	12	0.42
(1,2426)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	12	0.42
(1,2426)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	12	0.42
(1,2269)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	3	0.42
(1,2269)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	3	0.42
(1,2269)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	3	0.42
(1,2269)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	3	0.42
(1,2269)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	3	0.42
(1,2269)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	3	0.42
(1,2269)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	3	0.42
(1,2269)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	3	0.42
(1,2269)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	3	0.42
(1,2269)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	3	0.42
(1,2269)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	3	0.42
(1,2269)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	3	0.42
(1,2255)	1:81:A:GLU:H	1:81:A:GLU:HB2	12	0.42
(1,2255)	1:81:A:GLU:H	1:81:A:GLU:HB3	12	0.42
(1,2105)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	7	0.42
(1,2105)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	7	0.42
(1,2105)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	7	0.42
(1,2105)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	7	0.42
(1,2105)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	7	0.42
(1,2105)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	7	0.42
(1,2105)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	7	0.42
(1,2105)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	7	0.42
(1,2105)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	7	0.42
(1,2105)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	7	0.42
(1,2105)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	7	0.42
(1,2105)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	7	0.42
(1,2073)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	13	0.42
(1,2073)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	13	0.42
(1,2073)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	13	0.42
(1,2073)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	13	0.42
(1,2073)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	13	0.42
(1,2073)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	13	0.42
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	3	0.42
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	3	0.42
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	3	0.42
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	3	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	3	0.42
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	3	0.42
(1,1872)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	8	0.42
(1,1830)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	11	0.42
(1,1830)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	11	0.42
(1,1684)	1:110:A:MET:HB3	1:111:A:GLU:HB2	18	0.42
(1,1684)	1:110:A:MET:HB3	1:111:A:GLU:HB3	18	0.42
(1,1669)	1:69:A:MET:HE1	1:116:A:GLN:HG3	15	0.42
(1,1669)	1:69:A:MET:HE2	1:116:A:GLN:HG3	15	0.42
(1,1669)	1:69:A:MET:HE3	1:116:A:GLN:HG3	15	0.42
(1,1655)	1:97:A:ASP:HB2	1:102:A:PRO:HA	7	0.42
(1,1655)	1:97:A:ASP:HB3	1:102:A:PRO:HA	7	0.42
(1,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	12	0.42
(1,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	12	0.42
(1,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	12	0.42
(1,1530)	1:69:A:MET:HE1	1:110:A:MET:H	10	0.42
(1,1530)	1:69:A:MET:HE2	1:110:A:MET:H	10	0.42
(1,1530)	1:69:A:MET:HE3	1:110:A:MET:H	10	0.42
(1,1530)	1:69:A:MET:HE1	1:110:A:MET:H	13	0.42
(1,1530)	1:69:A:MET:HE2	1:110:A:MET:H	13	0.42
(1,1530)	1:69:A:MET:HE3	1:110:A:MET:H	13	0.42
(1,1516)	1:43:A:MET:HE1	1:44:A:GLU:HA	16	0.42
(1,1516)	1:43:A:MET:HE2	1:44:A:GLU:HA	16	0.42
(1,1516)	1:43:A:MET:HE3	1:44:A:GLU:HA	16	0.42
(1,1406)	1:132:A:ALA:HB1	1:133:A:ASN:HD22	17	0.42
(1,1406)	1:132:A:ALA:HB2	1:133:A:ASN:HD22	17	0.42
(1,1406)	1:132:A:ALA:HB3	1:133:A:ASN:HD22	17	0.42
(1,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	13	0.42
(1,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	13	0.42
(1,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	13	0.42
(1,1345)	1:125:A:THR:HG21	1:128:A:LEU:HB2	11	0.42
(1,1345)	1:125:A:THR:HG22	1:128:A:LEU:HB2	11	0.42
(1,1345)	1:125:A:THR:HG23	1:128:A:LEU:HB2	11	0.42
(1,1345)	1:125:A:THR:HG21	1:128:A:LEU:HB2	12	0.42
(1,1345)	1:125:A:THR:HG22	1:128:A:LEU:HB2	12	0.42
(1,1345)	1:125:A:THR:HG23	1:128:A:LEU:HB2	12	0.42
(1,1046)	1:63:A:ILE:H	1:63:A:ILE:HG12	11	0.42
(1,973)	1:12:A:VAL:HA	1:43:A:MET:HG2	7	0.42
(1,803)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	14	0.42
(1,803)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	14	0.42
(1,803)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	14	0.42
(1,803)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	14	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,803)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	14	0.42
(1,803)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	14	0.42
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG11	2	0.42
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG12	2	0.42
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG13	2	0.42
(1,725)	1:54:A:ARG:HE	1:58:A:ILE:HD11	7	0.42
(1,725)	1:54:A:ARG:HE	1:58:A:ILE:HD12	7	0.42
(1,725)	1:54:A:ARG:HE	1:58:A:ILE:HD13	7	0.42
(1,587)	1:126:A:GLY:H	1:128:A:LEU:HG	2	0.42
(1,377)	1:40:A:LEU:HB3	1:41:A:LYS:H	17	0.42
(1,201)	1:44:A:GLU:H	1:44:A:GLU:HG3	8	0.42
(1,82)	1:23:A:LEU:H	1:26:A:ASP:HB2	9	0.42
(1,82)	1:23:A:LEU:H	1:26:A:ASP:HB3	9	0.42
(34,2480)	1:141:A:LYS:HA	1:148:A:CYS:HB2	8	0.41
(34,2480)	1:141:A:LYS:HA	1:148:A:CYS:HB3	8	0.41
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD11	8	0.41
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD12	8	0.41
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD13	8	0.41
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD21	8	0.41
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD22	8	0.41
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD23	8	0.41
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	4	0.41
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	4	0.41
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	4	0.41
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	4	0.41
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	4	0.41
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	4	0.41
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	4	0.41
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	4	0.41
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	4	0.41
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	4	0.41
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	4	0.41
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	4	0.41
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	4	0.41
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	4	0.41
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	4	0.41
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	4	0.41
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	4	0.41
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	4	0.41
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	4	0.41
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	4	0.41
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	4	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	4	0.41
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	4	0.41
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	4	0.41
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	4	0.41
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	4	0.41
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	4	0.41
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	4	0.41
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	4	0.41
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	4	0.41
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	4	0.41
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	4	0.41
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	4	0.41
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	4	0.41
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	4	0.41
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	4	0.41
(34,2170)	1:47:A:ALA:HB1	1:131:A:LEU:HB2	6	0.41
(34,2170)	1:47:A:ALA:HB1	1:131:A:LEU:HB3	6	0.41
(34,2170)	1:47:A:ALA:HB2	1:131:A:LEU:HB2	6	0.41
(34,2170)	1:47:A:ALA:HB2	1:131:A:LEU:HB3	6	0.41
(34,2170)	1:47:A:ALA:HB3	1:131:A:LEU:HB2	6	0.41
(34,2170)	1:47:A:ALA:HB3	1:131:A:LEU:HB3	6	0.41
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD11	18	0.41
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD12	18	0.41
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD13	18	0.41
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD21	18	0.41
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD22	18	0.41
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD23	18	0.41
(34,2116)	1:39:A:VAL:HG11	1:43:A:MET:HB2	10	0.41
(34,2116)	1:39:A:VAL:HG12	1:43:A:MET:HB2	10	0.41
(34,2116)	1:39:A:VAL:HG13	1:43:A:MET:HB2	10	0.41
(34,2116)	1:39:A:VAL:HG21	1:43:A:MET:HB2	10	0.41
(34,2116)	1:39:A:VAL:HG22	1:43:A:MET:HB2	10	0.41
(34,2116)	1:39:A:VAL:HG23	1:43:A:MET:HB2	10	0.41
(34,2088)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	18	0.41
(34,2088)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	18	0.41
(34,2088)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	18	0.41
(34,2088)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	18	0.41
(34,2088)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	18	0.41
(34,2088)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	18	0.41
(34,2014)	1:16:A:SER:HB2	1:43:A:MET:HE1	14	0.41
(34,2014)	1:16:A:SER:HB2	1:43:A:MET:HE2	14	0.41
(34,2014)	1:16:A:SER:HB2	1:43:A:MET:HE3	14	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2014)	1:16:A:SER:HB3	1:43:A:MET:HE1	14	0.41
(34,2014)	1:16:A:SER:HB3	1:43:A:MET:HE2	14	0.41
(34,2014)	1:16:A:SER:HB3	1:43:A:MET:HE3	14	0.41
(34,1951)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	1	0.41
(34,1951)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	1	0.41
(34,1951)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	1	0.41
(34,1951)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	1	0.41
(34,1910)	1:18:A:PHE:HA	1:113:A:PHE:HE1	6	0.41
(34,1910)	1:18:A:PHE:HA	1:113:A:PHE:HE2	6	0.41
(34,1791)	1:144:A:LEU:HA	1:144:A:LEU:HD11	5	0.41
(34,1791)	1:144:A:LEU:HA	1:144:A:LEU:HD12	5	0.41
(34,1791)	1:144:A:LEU:HA	1:144:A:LEU:HD13	5	0.41
(34,1784)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	10	0.41
(34,1784)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	10	0.41
(34,1784)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	10	0.41
(34,1784)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	10	0.41
(34,1777)	1:97:A:ASP:HA	1:105:A:LYS:HG2	15	0.41
(34,1715)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	9	0.41
(34,1715)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	9	0.41
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE1	7	0.41
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE2	7	0.41
(34,1708)	1:10:A:ASN:HD22	1:43:A:MET:HE3	7	0.41
(34,1665)	1:132:A:ALA:HA	1:134:A:VAL:HG21	12	0.41
(34,1665)	1:132:A:ALA:HA	1:134:A:VAL:HG22	12	0.41
(34,1665)	1:132:A:ALA:HA	1:134:A:VAL:HG23	12	0.41
(34,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	17	0.41
(34,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	17	0.41
(34,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	17	0.41
(34,1590)	1:61:A:SER:HA	1:63:A:ILE:HD11	8	0.41
(34,1590)	1:61:A:SER:HA	1:63:A:ILE:HD12	8	0.41
(34,1590)	1:61:A:SER:HA	1:63:A:ILE:HD13	8	0.41
(34,1343)	1:123:A:CYS:HB2	1:128:A:LEU:HD11	8	0.41
(34,1343)	1:123:A:CYS:HB2	1:128:A:LEU:HD12	8	0.41
(34,1343)	1:123:A:CYS:HB2	1:128:A:LEU:HD13	8	0.41
(34,1281)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	12	0.41
(34,1281)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	12	0.41
(34,1281)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	12	0.41
(34,1277)	1:37:A:LEU:HD11	1:38:A:GLU:HA	1	0.41
(34,1277)	1:37:A:LEU:HD12	1:38:A:GLU:HA	1	0.41
(34,1277)	1:37:A:LEU:HD13	1:38:A:GLU:HA	1	0.41
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD11	13	0.41
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD12	13	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD13	13	0.41
(34,1114)	1:138:A:ASP:HA	1:141:A:LYS:HA	12	0.41
(34,1086)	1:110:A:MET:HG2	1:114:A:ILE:HG13	16	0.41
(34,1086)	1:110:A:MET:HG3	1:114:A:ILE:HG13	16	0.41
(34,1034)	1:27:A:ARG:HB2	1:28:A:GLY:H	17	0.41
(34,1019)	1:143:A:TRP:HB3	1:144:A:LEU:HD21	14	0.41
(34,1019)	1:143:A:TRP:HB3	1:144:A:LEU:HD22	14	0.41
(34,1019)	1:143:A:TRP:HB3	1:144:A:LEU:HD23	14	0.41
(34,1019)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	14	0.41
(34,1019)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	14	0.41
(34,1019)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	14	0.41
(34,966)	1:67:A:PRO:HA	1:70:A:LYS:HG2	6	0.41
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	3	0.41
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	3	0.41
(34,849)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	3	0.41
(34,849)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	3	0.41
(34,716)	1:23:A:LEU:HD21	1:27:A:ARG:HE	6	0.41
(34,716)	1:23:A:LEU:HD22	1:27:A:ARG:HE	6	0.41
(34,716)	1:23:A:LEU:HD23	1:27:A:ARG:HE	6	0.41
(34,716)	1:23:A:LEU:HD21	1:27:A:ARG:HE	12	0.41
(34,716)	1:23:A:LEU:HD22	1:27:A:ARG:HE	12	0.41
(34,716)	1:23:A:LEU:HD23	1:27:A:ARG:HE	12	0.41
(34,666)	1:101:A:ILE:HB	1:103:A:ARG:H	1	0.41
(34,552)	1:60:A:LEU:HD21	1:61:A:SER:H	11	0.41
(34,552)	1:60:A:LEU:HD22	1:61:A:SER:H	11	0.41
(34,552)	1:60:A:LEU:HD23	1:61:A:SER:H	11	0.41
(34,195)	1:44:A:GLU:H	1:44:A:GLU:HG2	4	0.41
(34,156)	1:67:A:PRO:HD3	1:95:A:ILE:H	4	0.41
(33,2479)	1:141:A:LYS:HA	1:148:A:CYS:HB2	8	0.41
(33,2479)	1:141:A:LYS:HA	1:148:A:CYS:HB3	8	0.41
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD11	6	0.41
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD12	6	0.41
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD13	6	0.41
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD21	6	0.41
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD22	6	0.41
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD23	6	0.41
(33,2042)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	3	0.41
(33,2042)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	3	0.41
(33,2042)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	3	0.41
(33,2042)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	3	0.41
(33,2042)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	3	0.41
(33,2042)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	3	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2042)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	3	0.41
(33,2042)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	3	0.41
(33,2042)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	3	0.41
(33,2042)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	3	0.41
(33,2042)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	3	0.41
(33,2042)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	3	0.41
(33,2018)	1:18:A:PHE:HB2	1:132:A:ALA:HA	10	0.41
(33,2018)	1:18:A:PHE:HB3	1:132:A:ALA:HA	10	0.41
(33,1937)	1:10:A:ASN:HB2	1:61:A:SER:HA	13	0.41
(33,1937)	1:10:A:ASN:HB3	1:61:A:SER:HA	13	0.41
(33,1900)	1:151:A:PHE:H	1:151:A:PHE:HD1	11	0.41
(33,1900)	1:151:A:PHE:H	1:151:A:PHE:HD2	11	0.41
(33,1835)	1:61:A:SER:H	1:62:A:HIS:HD2	2	0.41
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	18	0.41
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	18	0.41
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	18	0.41
(33,1767)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	10	0.41
(33,1767)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	10	0.41
(33,1767)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	10	0.41
(33,1767)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	10	0.41
(33,1759)	1:141:A:LYS:HA	1:148:A:CYS:H	8	0.41
(33,1611)	1:149:A:ALA:HB1	1:151:A:PHE:HA	16	0.41
(33,1611)	1:149:A:ALA:HB2	1:151:A:PHE:HA	16	0.41
(33,1611)	1:149:A:ALA:HB3	1:151:A:PHE:HA	16	0.41
(33,1598)	1:73:A:ILE:HG21	1:76:A:ARG:H	17	0.41
(33,1598)	1:73:A:ILE:HG22	1:76:A:ARG:H	17	0.41
(33,1598)	1:73:A:ILE:HG23	1:76:A:ARG:H	17	0.41
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE1	17	0.41
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE2	17	0.41
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE3	17	0.41
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE1	17	0.41
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE2	17	0.41
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE3	17	0.41
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE1	17	0.41
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE2	17	0.41
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE3	17	0.41
(33,1459)	1:95:A:ILE:HG21	1:96:A:VAL:H	2	0.41
(33,1459)	1:95:A:ILE:HG22	1:96:A:VAL:H	2	0.41
(33,1459)	1:95:A:ILE:HG23	1:96:A:VAL:H	2	0.41
(33,1324)	1:123:A:CYS:HB2	1:128:A:LEU:HD11	8	0.41
(33,1324)	1:123:A:CYS:HB2	1:128:A:LEU:HD12	8	0.41
(33,1324)	1:123:A:CYS:HB2	1:128:A:LEU:HD13	8	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1310)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	12	0.41
(33,1310)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	12	0.41
(33,1310)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	12	0.41
(33,1277)	1:15:A:ALA:HA	1:19:A:ALA:H	13	0.41
(33,1254)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	16	0.41
(33,1254)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	16	0.41
(33,1254)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	16	0.41
(33,1254)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	16	0.41
(33,1254)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	16	0.41
(33,1254)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	16	0.41
(33,1254)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	16	0.41
(33,1254)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	16	0.41
(33,1254)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	16	0.41
(33,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD11	18	0.41
(33,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD12	18	0.41
(33,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD13	18	0.41
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD11	13	0.41
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD12	13	0.41
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD13	13	0.41
(33,972)	1:140:A:LEU:HD21	1:141:A:LYS:HB2	5	0.41
(33,972)	1:140:A:LEU:HD21	1:141:A:LYS:HB3	5	0.41
(33,972)	1:140:A:LEU:HD22	1:141:A:LYS:HB2	5	0.41
(33,972)	1:140:A:LEU:HD22	1:141:A:LYS:HB3	5	0.41
(33,972)	1:140:A:LEU:HD23	1:141:A:LYS:HB2	5	0.41
(33,972)	1:140:A:LEU:HD23	1:141:A:LYS:HB3	5	0.41
(33,956)	1:40:A:LEU:HA	1:43:A:MET:HG2	11	0.41
(33,895)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	19	0.41
(33,895)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	19	0.41
(33,895)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	19	0.41
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	11	0.41
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	11	0.41
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	11	0.41
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	11	0.41
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	11	0.41
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	11	0.41
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	11	0.41
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	11	0.41
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	11	0.41
(33,588)	1:70:A:LYS:HB2	1:75:A:GLY:H	3	0.41
(33,588)	1:70:A:LYS:HB3	1:75:A:GLY:H	3	0.41
(33,584)	1:126:A:GLY:H	1:128:A:LEU:HB2	7	0.41
(33,345)	1:122:A:ASP:HB2	1:123:A:CYS:H	2	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,281)	1:50:A:ALA:H	1:52:A:CYS:H	14	0.41
(33,202)	1:101:A:ILE:H	1:102:A:PRO:HD3	19	0.41
(33,190)	1:44:A:GLU:H	1:44:A:GLU:HG2	4	0.41
(33,188)	1:44:A:GLU:H	1:44:A:GLU:HG3	9	0.41
(33,119)	1:79:A:THR:HA	1:80:A:TYR:H	8	0.41
(32,2473)	1:141:A:LYS:HA	1:148:A:CYS:HB2	8	0.41
(32,2473)	1:141:A:LYS:HA	1:148:A:CYS:HB3	8	0.41
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG11	6	0.41
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG12	6	0.41
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG13	6	0.41
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG21	6	0.41
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG22	6	0.41
(32,2419)	1:131:A:LEU:H	1:134:A:VAL:HG23	6	0.41
(32,2400)	1:127:A:CYS:H	1:129:A:LYS:HG2	19	0.41
(32,2400)	1:127:A:CYS:H	1:129:A:LYS:HG3	19	0.41
(32,2365)	1:116:A:GLN:HG2	1:117:A:VAL:HA	2	0.41
(32,2365)	1:116:A:GLN:HG3	1:117:A:VAL:HA	2	0.41
(32,2365)	1:116:A:GLN:HG2	1:117:A:VAL:HA	12	0.41
(32,2365)	1:116:A:GLN:HG3	1:117:A:VAL:HA	12	0.41
(32,2344)	1:113:A:PHE:H	1:116:A:GLN:HG2	4	0.41
(32,2344)	1:113:A:PHE:H	1:116:A:GLN:HG3	4	0.41
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD11	5	0.41
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD12	5	0.41
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD13	5	0.41
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD21	5	0.41
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD22	5	0.41
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD23	5	0.41
(32,2290)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	1	0.41
(32,2290)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	1	0.41
(32,2290)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	1	0.41
(32,2290)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	1	0.41
(32,2290)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	1	0.41
(32,2290)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	1	0.41
(32,2290)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	1	0.41
(32,2290)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	1	0.41
(32,2290)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	1	0.41
(32,2290)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	1	0.41
(32,2290)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	1	0.41
(32,2290)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	1	0.41
(32,2290)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	14	0.41
(32,2290)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	14	0.41
(32,2290)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	14	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2290)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	14	0.41
(32,2290)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	14	0.41
(32,2290)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	14	0.41
(32,2290)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	14	0.41
(32,2290)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	14	0.41
(32,2290)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	14	0.41
(32,2290)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	14	0.41
(32,2290)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	14	0.41
(32,2290)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	14	0.41
(32,2285)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	9	0.41
(32,2285)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	9	0.41
(32,2285)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	9	0.41
(32,2285)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	9	0.41
(32,2285)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	9	0.41
(32,2285)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	9	0.41
(32,2285)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	9	0.41
(32,2285)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	9	0.41
(32,2285)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	9	0.41
(32,2285)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	9	0.41
(32,2285)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	9	0.41
(32,2285)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	9	0.41
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD11	8	0.41
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD12	8	0.41
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD13	8	0.41
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD21	8	0.41
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD22	8	0.41
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD23	8	0.41
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD11	4	0.41
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD12	4	0.41
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD13	4	0.41
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD21	4	0.41
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD22	4	0.41
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD23	4	0.41
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	19	0.41
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	19	0.41
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	19	0.41
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	19	0.41
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	19	0.41
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	19	0.41
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	19	0.41
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	19	0.41
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	19	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	19	0.41
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	19	0.41
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	19	0.41
(32,1976)	1:16:A:SER:HB2	1:43:A:MET:HE1	14	0.41
(32,1976)	1:16:A:SER:HB2	1:43:A:MET:HE2	14	0.41
(32,1976)	1:16:A:SER:HB2	1:43:A:MET:HE3	14	0.41
(32,1976)	1:16:A:SER:HB3	1:43:A:MET:HE1	14	0.41
(32,1976)	1:16:A:SER:HB3	1:43:A:MET:HE2	14	0.41
(32,1976)	1:16:A:SER:HB3	1:43:A:MET:HE3	14	0.41
(32,1970)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	12	0.41
(32,1970)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	12	0.41
(32,1970)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	12	0.41
(32,1970)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	12	0.41
(32,1970)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	12	0.41
(32,1970)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	12	0.41
(32,1970)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	12	0.41
(32,1970)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	12	0.41
(32,1970)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	12	0.41
(32,1970)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	12	0.41
(32,1970)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	12	0.41
(32,1970)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	12	0.41
(32,1970)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	12	0.41
(32,1970)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	12	0.41
(32,1970)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	12	0.41
(32,1970)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	12	0.41
(32,1970)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	12	0.41
(32,1970)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	12	0.41
(32,1908)	1:10:A:ASN:HB2	1:61:A:SER:HA	13	0.41
(32,1908)	1:10:A:ASN:HB3	1:61:A:SER:HA	13	0.41
(32,1866)	1:151:A:PHE:H	1:151:A:PHE:HD1	11	0.41
(32,1866)	1:151:A:PHE:H	1:151:A:PHE:HD2	11	0.41
(32,1851)	1:104:A:PHE:HE1	1:105:A:LYS:H	19	0.41
(32,1851)	1:104:A:PHE:HE2	1:105:A:LYS:H	19	0.41
(32,1813)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	16	0.41
(32,1813)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	16	0.41
(32,1813)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	16	0.41
(32,1813)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	16	0.41
(32,1787)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	2	0.41
(32,1787)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	2	0.41
(32,1787)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	2	0.41
(32,1784)	1:9:A:PHE:HZ	1:54:A:ARG:HE	12	0.41
(32,1676)	1:14:A:VAL:H	1:79:A:THR:HG21	7	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1676)	1:14:A:VAL:H	1:79:A:THR:HG22	7	0.41
(32,1676)	1:14:A:VAL:H	1:79:A:THR:HG23	7	0.41
(32,1571)	1:73:A:ILE:HG21	1:76:A:ARG:H	17	0.41
(32,1571)	1:73:A:ILE:HG22	1:76:A:ARG:H	17	0.41
(32,1571)	1:73:A:ILE:HG23	1:76:A:ARG:H	17	0.41
(32,1546)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	15	0.41
(32,1546)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	15	0.41
(32,1546)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	15	0.41
(32,1428)	1:95:A:ILE:HG21	1:96:A:VAL:H	2	0.41
(32,1428)	1:95:A:ILE:HG22	1:96:A:VAL:H	2	0.41
(32,1428)	1:95:A:ILE:HG23	1:96:A:VAL:H	2	0.41
(32,1292)	1:123:A:CYS:HB2	1:128:A:LEU:HD11	8	0.41
(32,1292)	1:123:A:CYS:HB2	1:128:A:LEU:HD12	8	0.41
(32,1292)	1:123:A:CYS:HB2	1:128:A:LEU:HD13	8	0.41
(32,1275)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	12	0.41
(32,1275)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	12	0.41
(32,1275)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	12	0.41
(32,1237)	1:15:A:ALA:HA	1:131:A:LEU:HB2	10	0.41
(32,1079)	1:129:A:LYS:HA	1:132:A:ALA:HB1	18	0.41
(32,1079)	1:129:A:LYS:HA	1:132:A:ALA:HB2	18	0.41
(32,1079)	1:129:A:LYS:HA	1:132:A:ALA:HB3	18	0.41
(32,1027)	1:110:A:MET:HG2	1:114:A:ILE:HG13	16	0.41
(32,1027)	1:110:A:MET:HG3	1:114:A:ILE:HG13	16	0.41
(32,869)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	19	0.41
(32,869)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	19	0.41
(32,869)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	19	0.41
(32,791)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	5	0.41
(32,791)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	5	0.41
(32,791)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	5	0.41
(32,791)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	5	0.41
(32,791)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	5	0.41
(32,791)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	5	0.41
(32,791)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	5	0.41
(32,791)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	5	0.41
(32,791)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	5	0.41
(32,640)	1:98:A:ILE:H	1:100:A:ALA:H	6	0.41
(32,571)	1:126:A:GLY:H	1:128:A:LEU:HB2	7	0.41
(32,335)	1:122:A:ASP:HB2	1:123:A:CYS:H	2	0.41
(32,325)	1:57:A:LEU:H	1:58:A:ILE:HG13	1	0.41
(32,289)	1:43:A:MET:H	1:43:A:MET:HG3	6	0.41
(32,277)	1:50:A:ALA:H	1:52:A:CYS:H	14	0.41
(32,195)	1:101:A:ILE:H	1:102:A:PRO:HD3	19	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,118)	1:79:A:THR:HA	1:80:A:TYR:H	8	0.41
(32,66)	1:63:A:ILE:HG21	1:117:A:VAL:H	8	0.41
(32,66)	1:63:A:ILE:HG22	1:117:A:VAL:H	8	0.41
(32,66)	1:63:A:ILE:HG23	1:117:A:VAL:H	8	0.41
(32,26)	1:35:A:LEU:H	1:35:A:LEU:HG	9	0.41
(30,2347)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	19	0.41
(30,2347)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	19	0.41
(30,2347)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	19	0.41
(30,2347)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	19	0.41
(30,2347)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	19	0.41
(30,2347)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	19	0.41
(30,2347)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	19	0.41
(30,2347)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	19	0.41
(30,2347)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	19	0.41
(30,2347)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	19	0.41
(30,2347)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	19	0.41
(30,2347)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	19	0.41
(30,2345)	1:107:A:LEU:HD11	1:112:A:GLN:H	12	0.41
(30,2345)	1:107:A:LEU:HD12	1:112:A:GLN:H	12	0.41
(30,2345)	1:107:A:LEU:HD13	1:112:A:GLN:H	12	0.41
(30,2345)	1:107:A:LEU:HD21	1:112:A:GLN:H	12	0.41
(30,2345)	1:107:A:LEU:HD22	1:112:A:GLN:H	12	0.41
(30,2345)	1:107:A:LEU:HD23	1:112:A:GLN:H	12	0.41
(30,2297)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	16	0.41
(30,2297)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	16	0.41
(30,2297)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	16	0.41
(30,2297)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	16	0.41
(30,2297)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	16	0.41
(30,2297)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	16	0.41
(30,2297)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	16	0.41
(30,2297)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	16	0.41
(30,2297)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	16	0.41
(30,2297)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	16	0.41
(30,2297)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	16	0.41
(30,2297)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	16	0.41
(30,2297)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	16	0.41
(30,2297)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	16	0.41
(30,2297)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	16	0.41
(30,2297)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	16	0.41
(30,2297)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	16	0.41
(30,2297)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	16	0.41
(30,2056)	1:30:A:LEU:HD11	1:31:A:PRO:HG2	14	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2056)	1:30:A:LEU:HD11	1:31:A:PRO:HG3	14	0.41
(30,2056)	1:30:A:LEU:HD12	1:31:A:PRO:HG2	14	0.41
(30,2056)	1:30:A:LEU:HD12	1:31:A:PRO:HG3	14	0.41
(30,2056)	1:30:A:LEU:HD13	1:31:A:PRO:HG2	14	0.41
(30,2056)	1:30:A:LEU:HD13	1:31:A:PRO:HG3	14	0.41
(30,2056)	1:30:A:LEU:HD21	1:31:A:PRO:HG2	14	0.41
(30,2056)	1:30:A:LEU:HD21	1:31:A:PRO:HG3	14	0.41
(30,2056)	1:30:A:LEU:HD22	1:31:A:PRO:HG2	14	0.41
(30,2056)	1:30:A:LEU:HD22	1:31:A:PRO:HG3	14	0.41
(30,2056)	1:30:A:LEU:HD23	1:31:A:PRO:HG2	14	0.41
(30,2056)	1:30:A:LEU:HD23	1:31:A:PRO:HG3	14	0.41
(30,2006)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	8	0.41
(30,2006)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	8	0.41
(30,2006)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	8	0.41
(30,2006)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	8	0.41
(30,2006)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	8	0.41
(30,2006)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	8	0.41
(30,2006)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	8	0.41
(30,2006)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	8	0.41
(30,2006)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	8	0.41
(30,2006)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	8	0.41
(30,2006)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	8	0.41
(30,2006)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	8	0.41
(30,2006)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	8	0.41
(30,2006)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	8	0.41
(30,2006)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	8	0.41
(30,2006)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	8	0.41
(30,2006)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	8	0.41
(30,2006)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	8	0.41
(30,2006)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	18	0.41
(30,2006)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	18	0.41
(30,2006)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	18	0.41
(30,2006)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	18	0.41
(30,2006)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	18	0.41
(30,2006)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	18	0.41
(30,2006)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	18	0.41
(30,2006)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	18	0.41
(30,2006)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	18	0.41
(30,2006)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	18	0.41
(30,2006)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	18	0.41
(30,2006)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	18	0.41
(30,2006)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	18	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2006)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	18	0.41
(30,2006)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	18	0.41
(30,2006)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	18	0.41
(30,2006)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	18	0.41
(30,2006)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	18	0.41
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	17	0.41
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	17	0.41
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	17	0.41
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	17	0.41
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	17	0.41
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	17	0.41
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	17	0.41
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	17	0.41
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	17	0.41
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	17	0.41
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	17	0.41
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	17	0.41
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	17	0.41
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	17	0.41
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	17	0.41
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	17	0.41
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	17	0.41
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	17	0.41
(30,1823)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	2	0.41
(30,1823)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	2	0.41
(30,1823)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	2	0.41
(30,1780)	1:144:A:LEU:HA	1:144:A:LEU:HD11	5	0.41
(30,1780)	1:144:A:LEU:HA	1:144:A:LEU:HD12	5	0.41
(30,1780)	1:144:A:LEU:HA	1:144:A:LEU:HD13	5	0.41
(30,1657)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	8	0.41
(30,1657)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	8	0.41
(30,1657)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	8	0.41
(30,1646)	1:134:A:VAL:HG21	1:137:A:SER:H	2	0.41
(30,1646)	1:134:A:VAL:HG22	1:137:A:SER:H	2	0.41
(30,1646)	1:134:A:VAL:HG23	1:137:A:SER:H	2	0.41
(30,1622)	1:149:A:ALA:HB1	1:151:A:PHE:HA	16	0.41
(30,1622)	1:149:A:ALA:HB2	1:151:A:PHE:HA	16	0.41
(30,1622)	1:149:A:ALA:HB3	1:151:A:PHE:HA	16	0.41
(30,1610)	1:73:A:ILE:HG21	1:76:A:ARG:H	17	0.41
(30,1610)	1:73:A:ILE:HG22	1:76:A:ARG:H	17	0.41
(30,1610)	1:73:A:ILE:HG23	1:76:A:ARG:H	17	0.41
(30,1575)	1:61:A:SER:HA	1:63:A:ILE:HD11	8	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1575)	1:61:A:SER:HA	1:63:A:ILE:HD12	8	0.41
(30,1575)	1:61:A:SER:HA	1:63:A:ILE:HD13	8	0.41
(30,1496)	1:114:A:ILE:HG21	1:117:A:VAL:HB	3	0.41
(30,1496)	1:114:A:ILE:HG22	1:117:A:VAL:HB	3	0.41
(30,1496)	1:114:A:ILE:HG23	1:117:A:VAL:HB	3	0.41
(30,1300)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	12	0.41
(30,1300)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	12	0.41
(30,1300)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	12	0.41
(30,1261)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	2	0.41
(30,1261)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	2	0.41
(30,1261)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	2	0.41
(30,1261)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	2	0.41
(30,1261)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	2	0.41
(30,1261)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	2	0.41
(30,1245)	1:37:A:LEU:HD11	1:38:A:GLU:HA	1	0.41
(30,1245)	1:37:A:LEU:HD12	1:38:A:GLU:HA	1	0.41
(30,1245)	1:37:A:LEU:HD13	1:38:A:GLU:HA	1	0.41
(30,925)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	2	0.41
(30,925)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	2	0.41
(30,925)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	2	0.41
(30,925)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	2	0.41
(30,704)	1:23:A:LEU:HD21	1:27:A:ARG:HE	11	0.41
(30,704)	1:23:A:LEU:HD22	1:27:A:ARG:HE	11	0.41
(30,704)	1:23:A:LEU:HD23	1:27:A:ARG:HE	11	0.41
(30,585)	1:126:A:GLY:H	1:128:A:LEU:HB2	7	0.41
(30,397)	1:105:A:LYS:HD2	1:106:A:ASP:H	2	0.41
(30,397)	1:105:A:LYS:HD3	1:106:A:ASP:H	2	0.41
(30,249)	1:58:A:ILE:H	1:58:A:ILE:HG13	12	0.41
(30,122)	1:79:A:THR:HA	1:80:A:TYR:H	8	0.41
(30,44)	1:44:A:GLU:HG3	1:47:A:ALA:H	17	0.41
(29,2422)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	17	0.41
(29,2422)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	17	0.41
(29,2422)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	17	0.41
(29,2422)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	17	0.41
(29,2422)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	17	0.41
(29,2422)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	17	0.41
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD11	8	0.41
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD12	8	0.41
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD13	8	0.41
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD21	8	0.41
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD22	8	0.41
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD23	8	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	1	0.41
(29,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	1	0.41
(29,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	1	0.41
(29,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	1	0.41
(29,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	1	0.41
(29,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	1	0.41
(29,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	1	0.41
(29,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	1	0.41
(29,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	1	0.41
(29,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	1	0.41
(29,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	1	0.41
(29,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	1	0.41
(29,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	14	0.41
(29,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	14	0.41
(29,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	14	0.41
(29,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	14	0.41
(29,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	14	0.41
(29,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	14	0.41
(29,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	14	0.41
(29,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	14	0.41
(29,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	14	0.41
(29,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	14	0.41
(29,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	14	0.41
(29,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	14	0.41
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG11	7	0.41
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG12	7	0.41
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG13	7	0.41
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG21	7	0.41
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG22	7	0.41
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG23	7	0.41
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG11	7	0.41
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG12	7	0.41
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG13	7	0.41
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG21	7	0.41
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG22	7	0.41
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG23	7	0.41
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	17	0.41
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	17	0.41
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	17	0.41
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	17	0.41
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	17	0.41
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	17	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	17	0.41
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	17	0.41
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	17	0.41
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	17	0.41
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	17	0.41
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	17	0.41
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	17	0.41
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	17	0.41
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	17	0.41
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	17	0.41
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	17	0.41
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	17	0.41
(29,1901)	1:104:A:PHE:HE1	1:105:A:LYS:H	19	0.41
(29,1901)	1:104:A:PHE:HE2	1:105:A:LYS:H	19	0.41
(29,1828)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	10	0.41
(29,1828)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	10	0.41
(29,1828)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	10	0.41
(29,1828)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	10	0.41
(29,1828)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	10	0.41
(29,1828)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	10	0.41
(29,1782)	1:141:A:LYS:HA	1:148:A:CYS:H	8	0.41
(29,1663)	1:134:A:VAL:HG21	1:137:A:SER:H	2	0.41
(29,1663)	1:134:A:VAL:HG22	1:137:A:SER:H	2	0.41
(29,1663)	1:134:A:VAL:HG23	1:137:A:SER:H	2	0.41
(29,1634)	1:149:A:ALA:HB1	1:151:A:PHE:HA	16	0.41
(29,1634)	1:149:A:ALA:HB2	1:151:A:PHE:HA	16	0.41
(29,1634)	1:149:A:ALA:HB3	1:151:A:PHE:HA	16	0.41
(29,1624)	1:105:A:LYS:H	1:107:A:LEU:HD21	12	0.41
(29,1624)	1:105:A:LYS:H	1:107:A:LEU:HD22	12	0.41
(29,1624)	1:105:A:LYS:H	1:107:A:LEU:HD23	12	0.41
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE1	17	0.41
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE2	17	0.41
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE3	17	0.41
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE1	17	0.41
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE2	17	0.41
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE3	17	0.41
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE1	17	0.41
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE2	17	0.41
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE3	17	0.41
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE1	17	0.41
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE2	17	0.41
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE3	17	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1507)	1:114:A:ILE:HG21	1:117:A:VAL:HB	3	0.41
(29,1507)	1:114:A:ILE:HG22	1:117:A:VAL:HB	3	0.41
(29,1507)	1:114:A:ILE:HG23	1:117:A:VAL:HB	3	0.41
(29,1317)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	12	0.41
(29,1317)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	12	0.41
(29,1317)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	12	0.41
(29,1187)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	17	0.41
(29,1187)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	17	0.41
(29,1187)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	17	0.41
(29,1187)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	17	0.41
(29,1187)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	17	0.41
(29,1187)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	17	0.41
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD11	2	0.41
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD12	2	0.41
(29,1143)	1:140:A:LEU:HA	1:144:A:LEU:HD13	2	0.41
(29,1125)	1:129:A:LYS:HA	1:132:A:ALA:HB1	18	0.41
(29,1125)	1:129:A:LYS:HA	1:132:A:ALA:HB2	18	0.41
(29,1125)	1:129:A:LYS:HA	1:132:A:ALA:HB3	18	0.41
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB1	16	0.41
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB2	16	0.41
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB3	16	0.41
(29,966)	1:66:A:THR:H	1:96:A:VAL:HB	11	0.41
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD11	8	0.41
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD12	8	0.41
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD13	8	0.41
(29,432)	1:98:A:ILE:HD11	1:100:A:ALA:H	6	0.41
(29,432)	1:98:A:ILE:HD12	1:100:A:ALA:H	6	0.41
(29,432)	1:98:A:ILE:HD13	1:100:A:ALA:H	6	0.41
(29,427)	1:100:A:ALA:H	1:101:A:ILE:HG12	8	0.41
(29,209)	1:101:A:ILE:H	1:102:A:PRO:HD3	19	0.41
(23,18)	1:119:A:LEU:N	1:115:A:ALA:O	2	0.41
(23,17)	1:118:A:ASP:N	1:114:A:ILE:O	7	0.41
(23,5)	1:58:A:ILE:N	1:54:A:ARG:O	15	0.41
(23,4)	1:45:A:ALA:N	1:41:A:LYS:O	2	0.41
(23,4)	1:45:A:ALA:N	1:41:A:LYS:O	6	0.41
(22,33)	1:118:A:ASP:H	1:114:A:ILE:C	1	0.41
(22,15)	1:61:A:SER:H	1:57:A:LEU:C	1	0.41
(22,15)	1:61:A:SER:H	1:57:A:LEU:C	17	0.41
(22,8)	1:45:A:ALA:N	1:41:A:LYS:C	10	0.41
(22,7)	1:45:A:ALA:H	1:41:A:LYS:C	3	0.41
(22,7)	1:45:A:ALA:H	1:41:A:LYS:C	12	0.41
(22,7)	1:45:A:ALA:H	1:41:A:LYS:C	19	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(22,3)	1:39:A:VAL:H	1:36:A:PRO:C	10	0.41
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD11	8	0.41
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD12	8	0.41
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD13	8	0.41
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD21	8	0.41
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD22	8	0.41
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD23	8	0.41
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD11	8	0.41
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD12	8	0.41
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD13	8	0.41
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD21	8	0.41
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD22	8	0.41
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD23	8	0.41
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB1	14	0.41
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB2	14	0.41
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB3	14	0.41
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB1	14	0.41
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB2	14	0.41
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB3	14	0.41
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB1	14	0.41
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB2	14	0.41
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB3	14	0.41
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB1	14	0.41
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB2	14	0.41
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB3	14	0.41
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB1	14	0.41
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB2	14	0.41
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB3	14	0.41
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB1	14	0.41
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB2	14	0.41
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB3	14	0.41
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB1	17	0.41
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB2	17	0.41
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB3	17	0.41
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB1	17	0.41
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB2	17	0.41
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB3	17	0.41
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB1	17	0.41
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB2	17	0.41
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB3	17	0.41
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB1	17	0.41
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB2	17	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB3	17	0.41
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB1	17	0.41
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB2	17	0.41
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB3	17	0.41
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB1	17	0.41
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB2	17	0.41
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB3	17	0.41
(18,2322)	1:107:A:LEU:HD11	1:112:A:GLN:HA	6	0.41
(18,2322)	1:107:A:LEU:HD12	1:112:A:GLN:HA	6	0.41
(18,2322)	1:107:A:LEU:HD13	1:112:A:GLN:HA	6	0.41
(18,2322)	1:107:A:LEU:HD21	1:112:A:GLN:HA	6	0.41
(18,2322)	1:107:A:LEU:HD22	1:112:A:GLN:HA	6	0.41
(18,2322)	1:107:A:LEU:HD23	1:112:A:GLN:HA	6	0.41
(18,2281)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	1	0.41
(18,2281)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	1	0.41
(18,2281)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	1	0.41
(18,2281)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	1	0.41
(18,2281)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	1	0.41
(18,2281)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	1	0.41
(18,2281)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	1	0.41
(18,2281)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	1	0.41
(18,2281)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	1	0.41
(18,2281)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	1	0.41
(18,2281)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	1	0.41
(18,2281)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	1	0.41
(18,2281)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	14	0.41
(18,2281)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	14	0.41
(18,2281)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	14	0.41
(18,2281)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	14	0.41
(18,2281)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	14	0.41
(18,2281)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	14	0.41
(18,2281)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	14	0.41
(18,2281)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	14	0.41
(18,2281)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	14	0.41
(18,2281)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	14	0.41
(18,2281)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	14	0.41
(18,2281)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	14	0.41
(18,2278)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	16	0.41
(18,2278)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	16	0.41
(18,2278)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	16	0.41
(18,2278)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	16	0.41
(18,2278)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	16	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2278)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	16	0.41
(18,2278)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	16	0.41
(18,2278)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	16	0.41
(18,2278)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	16	0.41
(18,2278)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	16	0.41
(18,2278)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	16	0.41
(18,2278)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	16	0.41
(18,2278)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	16	0.41
(18,2278)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	16	0.41
(18,2278)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	16	0.41
(18,2278)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	16	0.41
(18,2278)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	16	0.41
(18,2278)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	16	0.41
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	3	0.41
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	3	0.41
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	3	0.41
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	3	0.41
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	3	0.41
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	3	0.41
(18,2008)	1:16:A:SER:HB2	1:43:A:MET:HE1	14	0.41
(18,2008)	1:16:A:SER:HB2	1:43:A:MET:HE2	14	0.41
(18,2008)	1:16:A:SER:HB2	1:43:A:MET:HE3	14	0.41
(18,2008)	1:16:A:SER:HB3	1:43:A:MET:HE1	14	0.41
(18,2008)	1:16:A:SER:HB3	1:43:A:MET:HE2	14	0.41
(18,2008)	1:16:A:SER:HB3	1:43:A:MET:HE3	14	0.41
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	5	0.41
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	5	0.41
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	5	0.41
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	5	0.41
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	5	0.41
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	5	0.41
(18,1936)	1:10:A:ASN:HB2	1:61:A:SER:HA	13	0.41
(18,1936)	1:10:A:ASN:HB3	1:61:A:SER:HA	13	0.41
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD11	7	0.41
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD12	7	0.41
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD13	7	0.41
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD21	7	0.41
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD22	7	0.41
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD23	7	0.41
(18,1817)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	9	0.41
(18,1688)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	9	0.41
(18,1688)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	9	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1591)	1:73:A:ILE:HG21	1:76:A:ARG:H	17	0.41
(18,1591)	1:73:A:ILE:HG22	1:76:A:ARG:H	17	0.41
(18,1591)	1:73:A:ILE:HG23	1:76:A:ARG:H	17	0.41
(18,1300)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	12	0.41
(18,1300)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	12	0.41
(18,1300)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	12	0.41
(18,1269)	1:15:A:ALA:HA	1:131:A:LEU:HB2	10	0.41
(18,1099)	1:138:A:ASP:HA	1:141:A:LYS:HA	12	0.41
(18,872)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	4	0.41
(18,872)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	4	0.41
(18,872)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	4	0.41
(18,568)	1:73:A:ILE:HD11	1:110:A:MET:H	1	0.41
(18,568)	1:73:A:ILE:HD12	1:110:A:MET:H	1	0.41
(18,568)	1:73:A:ILE:HD13	1:110:A:MET:H	1	0.41
(18,500)	1:79:A:THR:H	1:79:A:THR:HG21	4	0.41
(18,500)	1:79:A:THR:H	1:79:A:THR:HG22	4	0.41
(18,500)	1:79:A:THR:H	1:79:A:THR:HG23	4	0.41
(18,417)	1:119:A:LEU:H	1:119:A:LEU:HG	8	0.41
(18,345)	1:57:A:LEU:H	1:58:A:ILE:HG13	1	0.41
(18,292)	1:50:A:ALA:H	1:52:A:CYS:H	14	0.41
(18,250)	1:58:A:ILE:H	1:58:A:ILE:HG13	12	0.41
(18,35)	1:96:A:VAL:H	1:96:A:VAL:HB	4	0.41
(18,30)	1:35:A:LEU:H	1:35:A:LEU:HG	9	0.41
(17,2458)	1:140:A:LEU:HD11	1:144:A:LEU:H	10	0.41
(17,2458)	1:140:A:LEU:HD12	1:144:A:LEU:H	10	0.41
(17,2458)	1:140:A:LEU:HD13	1:144:A:LEU:H	10	0.41
(17,2458)	1:140:A:LEU:HD21	1:144:A:LEU:H	10	0.41
(17,2458)	1:140:A:LEU:HD22	1:144:A:LEU:H	10	0.41
(17,2458)	1:140:A:LEU:HD23	1:144:A:LEU:H	10	0.41
(17,2458)	1:140:A:LEU:HD11	1:144:A:LEU:H	16	0.41
(17,2458)	1:140:A:LEU:HD12	1:144:A:LEU:H	16	0.41
(17,2458)	1:140:A:LEU:HD13	1:144:A:LEU:H	16	0.41
(17,2458)	1:140:A:LEU:HD21	1:144:A:LEU:H	16	0.41
(17,2458)	1:140:A:LEU:HD22	1:144:A:LEU:H	16	0.41
(17,2458)	1:140:A:LEU:HD23	1:144:A:LEU:H	16	0.41
(17,2294)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	16	0.41
(17,2294)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	16	0.41
(17,2294)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	16	0.41
(17,2294)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	16	0.41
(17,2294)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	16	0.41
(17,2294)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	16	0.41
(17,2294)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	16	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2294)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	16	0.41
(17,2294)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	16	0.41
(17,2294)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	16	0.41
(17,2294)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	16	0.41
(17,2294)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	16	0.41
(17,2294)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	16	0.41
(17,2294)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	16	0.41
(17,2294)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	16	0.41
(17,2294)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	16	0.41
(17,2294)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	16	0.41
(17,2294)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	16	0.41
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD11	8	0.41
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD12	8	0.41
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD13	8	0.41
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD21	8	0.41
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD22	8	0.41
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD23	8	0.41
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD11	8	0.41
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD12	8	0.41
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD13	8	0.41
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD21	8	0.41
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD22	8	0.41
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD23	8	0.41
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD11	8	0.41
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD12	8	0.41
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD13	8	0.41
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD21	8	0.41
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD22	8	0.41
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD23	8	0.41
(17,2075)	1:31:A:PRO:HD2	1:144:A:LEU:HA	7	0.41
(17,2075)	1:31:A:PRO:HD3	1:144:A:LEU:HA	7	0.41
(17,2052)	1:23:A:LEU:HD11	1:27:A:ARG:HA	4	0.41
(17,2052)	1:23:A:LEU:HD12	1:27:A:ARG:HA	4	0.41
(17,2052)	1:23:A:LEU:HD13	1:27:A:ARG:HA	4	0.41
(17,2052)	1:23:A:LEU:HD21	1:27:A:ARG:HA	4	0.41
(17,2052)	1:23:A:LEU:HD22	1:27:A:ARG:HA	4	0.41
(17,2052)	1:23:A:LEU:HD23	1:27:A:ARG:HA	4	0.41
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD11	8	0.41
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD12	8	0.41
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD13	8	0.41
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD21	8	0.41
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD22	8	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD23	8	0.41
(17,2003)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	3	0.41
(17,2003)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	3	0.41
(17,2003)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	3	0.41
(17,2003)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	3	0.41
(17,2003)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	3	0.41
(17,2003)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	3	0.41
(17,2003)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	3	0.41
(17,2003)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	3	0.41
(17,2003)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	3	0.41
(17,2003)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	3	0.41
(17,2003)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	3	0.41
(17,2003)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	3	0.41
(17,1919)	1:151:A:PHE:H	1:151:A:PHE:HD1	11	0.41
(17,1919)	1:151:A:PHE:H	1:151:A:PHE:HD2	11	0.41
(17,1855)	1:61:A:SER:H	1:62:A:HIS:HD2	2	0.41
(17,1837)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	2	0.41
(17,1837)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	2	0.41
(17,1837)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	2	0.41
(17,1765)	1:36:A:PRO:HA	1:37:A:LEU:HD21	4	0.41
(17,1765)	1:36:A:PRO:HA	1:37:A:LEU:HD22	4	0.41
(17,1765)	1:36:A:PRO:HA	1:37:A:LEU:HD23	4	0.41
(17,1741)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	1	0.41
(17,1741)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	1	0.41
(17,1741)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	1	0.41
(17,1625)	1:105:A:LYS:H	1:107:A:LEU:HD21	12	0.41
(17,1625)	1:105:A:LYS:H	1:107:A:LEU:HD22	12	0.41
(17,1625)	1:105:A:LYS:H	1:107:A:LEU:HD23	12	0.41
(17,1584)	1:11:A:ILE:HD11	1:45:A:ALA:H	10	0.41
(17,1584)	1:11:A:ILE:HD12	1:45:A:ALA:H	10	0.41
(17,1584)	1:11:A:ILE:HD13	1:45:A:ALA:H	10	0.41
(17,1483)	1:95:A:ILE:HG21	1:96:A:VAL:H	2	0.41
(17,1483)	1:95:A:ILE:HG22	1:96:A:VAL:H	2	0.41
(17,1483)	1:95:A:ILE:HG23	1:96:A:VAL:H	2	0.41
(17,1314)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	12	0.41
(17,1314)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	12	0.41
(17,1314)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	12	0.41
(17,1256)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	16	0.41
(17,1256)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	16	0.41
(17,1256)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	16	0.41
(17,1256)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	16	0.41
(17,1256)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	16	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1256)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	16	0.41
(17,1256)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	16	0.41
(17,1256)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	16	0.41
(17,1256)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	16	0.41
(17,1255)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	13	0.41
(17,1255)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	13	0.41
(17,1255)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	13	0.41
(17,1255)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	13	0.41
(17,1255)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	13	0.41
(17,1255)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	13	0.41
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD21	11	0.41
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD22	11	0.41
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD23	11	0.41
(17,481)	1:79:A:THR:H	1:79:A:THR:HG21	4	0.41
(17,481)	1:79:A:THR:H	1:79:A:THR:HG22	4	0.41
(17,481)	1:79:A:THR:H	1:79:A:THR:HG23	4	0.41
(17,342)	1:122:A:ASP:HB2	1:123:A:CYS:H	2	0.41
(16,2371)	1:116:A:GLN:HG2	1:117:A:VAL:HA	2	0.41
(16,2371)	1:116:A:GLN:HG3	1:117:A:VAL:HA	2	0.41
(16,2371)	1:116:A:GLN:HG2	1:117:A:VAL:HA	12	0.41
(16,2371)	1:116:A:GLN:HG3	1:117:A:VAL:HA	12	0.41
(16,2348)	1:113:A:PHE:H	1:116:A:GLN:HG2	4	0.41
(16,2348)	1:113:A:PHE:H	1:116:A:GLN:HG3	4	0.41
(16,2330)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	19	0.41
(16,2330)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	19	0.41
(16,2330)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	19	0.41
(16,2330)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	19	0.41
(16,2330)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	19	0.41
(16,2330)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	19	0.41
(16,2330)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	19	0.41
(16,2330)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	19	0.41
(16,2330)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	19	0.41
(16,2330)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	19	0.41
(16,2330)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	19	0.41
(16,2330)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	19	0.41
(16,2318)	1:106:A:ASP:H	1:107:A:LEU:HD11	11	0.41
(16,2318)	1:106:A:ASP:H	1:107:A:LEU:HD12	11	0.41
(16,2318)	1:106:A:ASP:H	1:107:A:LEU:HD13	11	0.41
(16,2318)	1:106:A:ASP:H	1:107:A:LEU:HD21	11	0.41
(16,2318)	1:106:A:ASP:H	1:107:A:LEU:HD22	11	0.41
(16,2318)	1:106:A:ASP:H	1:107:A:LEU:HD23	11	0.41
(16,2228)	1:66:A:THR:H	1:96:A:VAL:HG11	6	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2228)	1:66:A:THR:H	1:96:A:VAL:HG12	6	0.41
(16,2228)	1:66:A:THR:H	1:96:A:VAL:HG13	6	0.41
(16,2228)	1:66:A:THR:H	1:96:A:VAL:HG21	6	0.41
(16,2228)	1:66:A:THR:H	1:96:A:VAL:HG22	6	0.41
(16,2228)	1:66:A:THR:H	1:96:A:VAL:HG23	6	0.41
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD21	12	0.41
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD22	12	0.41
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD21	12	0.41
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD22	12	0.41
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD21	12	0.41
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD22	12	0.41
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD11	18	0.41
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD12	18	0.41
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD13	18	0.41
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD21	18	0.41
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD22	18	0.41
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD23	18	0.41
(16,2083)	1:35:A:LEU:HD11	1:38:A:GLU:H	2	0.41
(16,2083)	1:35:A:LEU:HD12	1:38:A:GLU:H	2	0.41
(16,2083)	1:35:A:LEU:HD13	1:38:A:GLU:H	2	0.41
(16,2083)	1:35:A:LEU:HD21	1:38:A:GLU:H	2	0.41
(16,2083)	1:35:A:LEU:HD22	1:38:A:GLU:H	2	0.41
(16,2083)	1:35:A:LEU:HD23	1:38:A:GLU:H	2	0.41
(16,2057)	1:30:A:LEU:HD11	1:31:A:PRO:HG2	14	0.41
(16,2057)	1:30:A:LEU:HD11	1:31:A:PRO:HG3	14	0.41
(16,2057)	1:30:A:LEU:HD12	1:31:A:PRO:HG2	14	0.41
(16,2057)	1:30:A:LEU:HD12	1:31:A:PRO:HG3	14	0.41
(16,2057)	1:30:A:LEU:HD13	1:31:A:PRO:HG2	14	0.41
(16,2057)	1:30:A:LEU:HD13	1:31:A:PRO:HG3	14	0.41
(16,2057)	1:30:A:LEU:HD21	1:31:A:PRO:HG2	14	0.41
(16,2057)	1:30:A:LEU:HD21	1:31:A:PRO:HG3	14	0.41
(16,2057)	1:30:A:LEU:HD22	1:31:A:PRO:HG2	14	0.41
(16,2057)	1:30:A:LEU:HD22	1:31:A:PRO:HG3	14	0.41
(16,2057)	1:30:A:LEU:HD23	1:31:A:PRO:HG2	14	0.41
(16,2057)	1:30:A:LEU:HD23	1:31:A:PRO:HG3	14	0.41
(16,1949)	1:11:A:ILE:HG12	1:131:A:LEU:HD11	4	0.41
(16,1949)	1:11:A:ILE:HG12	1:131:A:LEU:HD12	4	0.41
(16,1949)	1:11:A:ILE:HG12	1:131:A:LEU:HD13	4	0.41
(16,1949)	1:11:A:ILE:HG12	1:131:A:LEU:HD21	4	0.41
(16,1949)	1:11:A:ILE:HG12	1:131:A:LEU:HD22	4	0.41
(16,1949)	1:11:A:ILE:HG12	1:131:A:LEU:HD23	4	0.41
(16,1949)	1:11:A:ILE:HG13	1:131:A:LEU:HD11	4	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1949)	1:11:A:ILE:HG13	1:131:A:LEU:HD12	4	0.41
(16,1949)	1:11:A:ILE:HG13	1:131:A:LEU:HD13	4	0.41
(16,1949)	1:11:A:ILE:HG13	1:131:A:LEU:HD21	4	0.41
(16,1949)	1:11:A:ILE:HG13	1:131:A:LEU:HD22	4	0.41
(16,1949)	1:11:A:ILE:HG13	1:131:A:LEU:HD23	4	0.41
(16,1920)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	8	0.41
(16,1920)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	8	0.41
(16,1888)	1:150:A:THR:H	1:151:A:PHE:HD1	6	0.41
(16,1888)	1:150:A:THR:H	1:151:A:PHE:HD2	6	0.41
(16,1884)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	10	0.41
(16,1884)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	10	0.41
(16,1884)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	10	0.41
(16,1884)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	10	0.41
(16,1884)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	10	0.41
(16,1884)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	10	0.41
(16,1738)	1:39:A:VAL:HA	1:140:A:LEU:HD11	18	0.41
(16,1738)	1:39:A:VAL:HA	1:140:A:LEU:HD12	18	0.41
(16,1738)	1:39:A:VAL:HA	1:140:A:LEU:HD13	18	0.41
(16,1711)	1:14:A:VAL:H	1:79:A:THR:HG21	7	0.41
(16,1711)	1:14:A:VAL:H	1:79:A:THR:HG22	7	0.41
(16,1711)	1:14:A:VAL:H	1:79:A:THR:HG23	7	0.41
(16,1463)	1:95:A:ILE:HG21	1:96:A:VAL:H	2	0.41
(16,1463)	1:95:A:ILE:HG22	1:96:A:VAL:H	2	0.41
(16,1463)	1:95:A:ILE:HG23	1:96:A:VAL:H	2	0.41
(16,1398)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	2	0.41
(16,1398)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	2	0.41
(16,1398)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	2	0.41
(16,1398)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	2	0.41
(16,1398)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	2	0.41
(16,1398)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	2	0.41
(16,1310)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	12	0.41
(16,1310)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	12	0.41
(16,1310)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	12	0.41
(16,1261)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	4	0.41
(16,1261)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	4	0.41
(16,1261)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	4	0.41
(16,1261)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	4	0.41
(16,1261)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	4	0.41
(16,1261)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	4	0.41
(16,1261)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	4	0.41
(16,1261)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	4	0.41
(16,1261)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	4	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1258)	1:23:A:LEU:HD11	1:24:A:ASP:H	18	0.41
(16,1258)	1:23:A:LEU:HD12	1:24:A:ASP:H	18	0.41
(16,1258)	1:23:A:LEU:HD13	1:24:A:ASP:H	18	0.41
(16,1124)	1:129:A:LYS:HA	1:132:A:ALA:HB1	18	0.41
(16,1124)	1:129:A:LYS:HA	1:132:A:ALA:HB2	18	0.41
(16,1124)	1:129:A:LYS:HA	1:132:A:ALA:HB3	18	0.41
(16,1036)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	18	0.41
(16,1036)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	18	0.41
(16,735)	1:73:A:ILE:HG21	1:76:A:ARG:HE	19	0.41
(16,735)	1:73:A:ILE:HG22	1:76:A:ARG:HE	19	0.41
(16,735)	1:73:A:ILE:HG23	1:76:A:ARG:HE	19	0.41
(16,664)	1:101:A:ILE:HB	1:103:A:ARG:H	1	0.41
(16,580)	1:42:A:GLU:HB3	1:46:A:ASN:HD21	13	0.41
(16,557)	1:73:A:ILE:HD11	1:110:A:MET:H	1	0.41
(16,557)	1:73:A:ILE:HD12	1:110:A:MET:H	1	0.41
(16,557)	1:73:A:ILE:HD13	1:110:A:MET:H	1	0.41
(16,489)	1:79:A:THR:H	1:79:A:THR:HG21	4	0.41
(16,489)	1:79:A:THR:H	1:79:A:THR:HG22	4	0.41
(16,489)	1:79:A:THR:H	1:79:A:THR:HG23	4	0.41
(16,352)	1:122:A:ASP:HB2	1:123:A:CYS:H	2	0.41
(16,209)	1:101:A:ILE:H	1:102:A:PRO:HD3	19	0.41
(16,31)	1:96:A:VAL:H	1:96:A:VAL:HA	12	0.41
(16,31)	1:96:A:VAL:H	1:96:A:VAL:HA	19	0.41
(16,9)	1:63:A:ILE:HG13	1:64:A:LYS:H	5	0.41
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG11	6	0.41
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG12	6	0.41
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG13	6	0.41
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG21	6	0.41
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG22	6	0.41
(15,2415)	1:131:A:LEU:H	1:134:A:VAL:HG23	6	0.41
(15,2279)	1:96:A:VAL:HG11	1:116:A:GLN:HG2	15	0.41
(15,2279)	1:96:A:VAL:HG12	1:116:A:GLN:HG2	15	0.41
(15,2279)	1:96:A:VAL:HG13	1:116:A:GLN:HG2	15	0.41
(15,2279)	1:96:A:VAL:HG21	1:116:A:GLN:HG2	15	0.41
(15,2279)	1:96:A:VAL:HG22	1:116:A:GLN:HG2	15	0.41
(15,2279)	1:96:A:VAL:HG23	1:116:A:GLN:HG2	15	0.41
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD11	5	0.41
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD12	5	0.41
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD13	5	0.41
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD21	5	0.41
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD22	5	0.41
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD23	5	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	4	0.41
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	4	0.41
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	4	0.41
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	4	0.41
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	4	0.41
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	4	0.41
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	4	0.41
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	4	0.41
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	4	0.41
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	4	0.41
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	4	0.41
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	4	0.41
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	4	0.41
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	4	0.41
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	4	0.41
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	4	0.41
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	4	0.41
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	4	0.41
(15,2056)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	6	0.41
(15,2056)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	6	0.41
(15,2056)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	6	0.41
(15,2056)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	6	0.41
(15,2056)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	6	0.41
(15,2056)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	6	0.41
(15,2034)	1:31:A:PRO:HD2	1:144:A:LEU:HA	7	0.41
(15,2034)	1:31:A:PRO:HD3	1:144:A:LEU:HA	7	0.41
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD11	18	0.41
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD12	18	0.41
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD13	18	0.41
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD21	18	0.41
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD22	18	0.41
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD23	18	0.41
(15,1960)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	3	0.41
(15,1960)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	3	0.41
(15,1960)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	3	0.41
(15,1960)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	3	0.41
(15,1960)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	3	0.41
(15,1960)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	3	0.41
(15,1960)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	3	0.41
(15,1960)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	3	0.41
(15,1960)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	3	0.41
(15,1960)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	3	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1960)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	3	0.41
(15,1960)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	3	0.41
(15,1892)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	8	0.41
(15,1864)	1:104:A:PHE:HE1	1:105:A:LYS:H	19	0.41
(15,1864)	1:104:A:PHE:HE2	1:105:A:LYS:H	19	0.41
(15,1799)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	14	0.41
(15,1799)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	14	0.41
(15,1759)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	10	0.41
(15,1759)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	10	0.41
(15,1759)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	10	0.41
(15,1759)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	10	0.41
(15,1749)	1:141:A:LYS:HA	1:148:A:CYS:H	4	0.41
(15,1602)	1:105:A:LYS:H	1:107:A:LEU:HD21	12	0.41
(15,1602)	1:105:A:LYS:H	1:107:A:LEU:HD22	12	0.41
(15,1602)	1:105:A:LYS:H	1:107:A:LEU:HD23	12	0.41
(15,1599)	1:73:A:ILE:HG21	1:76:A:ARG:H	17	0.41
(15,1599)	1:73:A:ILE:HG22	1:76:A:ARG:H	17	0.41
(15,1599)	1:73:A:ILE:HG23	1:76:A:ARG:H	17	0.41
(15,1577)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	4	0.41
(15,1577)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	4	0.41
(15,1577)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	4	0.41
(15,1565)	1:61:A:SER:HA	1:63:A:ILE:HD11	8	0.41
(15,1565)	1:61:A:SER:HA	1:63:A:ILE:HD12	8	0.41
(15,1565)	1:61:A:SER:HA	1:63:A:ILE:HD13	8	0.41
(15,1490)	1:114:A:ILE:HG21	1:117:A:VAL:HB	3	0.41
(15,1490)	1:114:A:ILE:HG22	1:117:A:VAL:HB	3	0.41
(15,1490)	1:114:A:ILE:HG23	1:117:A:VAL:HB	3	0.41
(15,1457)	1:95:A:ILE:HG21	1:96:A:VAL:H	2	0.41
(15,1457)	1:95:A:ILE:HG22	1:96:A:VAL:H	2	0.41
(15,1457)	1:95:A:ILE:HG23	1:96:A:VAL:H	2	0.41
(15,1305)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	12	0.41
(15,1305)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	12	0.41
(15,1305)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	12	0.41
(15,1267)	1:15:A:ALA:HA	1:19:A:ALA:H	13	0.41
(15,1150)	1:145:A:PRO:HB2	1:146:A:GLN:HA	11	0.41
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD11	3	0.41
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD12	3	0.41
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD13	3	0.41
(15,956)	1:74:A:PRO:HA	1:77:A:CYS:HB2	2	0.41
(15,817)	1:98:A:ILE:HD11	1:104:A:PHE:HB2	17	0.41
(15,817)	1:98:A:ILE:HD12	1:104:A:PHE:HB2	17	0.41
(15,817)	1:98:A:ILE:HD13	1:104:A:PHE:HB2	17	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,813)	1:98:A:ILE:HD11	1:104:A:PHE:HD1	10	0.41
(15,813)	1:98:A:ILE:HD11	1:104:A:PHE:HD2	10	0.41
(15,813)	1:98:A:ILE:HD12	1:104:A:PHE:HD1	10	0.41
(15,813)	1:98:A:ILE:HD12	1:104:A:PHE:HD2	10	0.41
(15,813)	1:98:A:ILE:HD13	1:104:A:PHE:HD1	10	0.41
(15,813)	1:98:A:ILE:HD13	1:104:A:PHE:HD2	10	0.41
(15,762)	1:13:A:ALA:HB1	1:34:A:LYS:H	4	0.41
(15,762)	1:13:A:ALA:HB2	1:34:A:LYS:H	4	0.41
(15,762)	1:13:A:ALA:HB3	1:34:A:LYS:H	4	0.41
(15,709)	1:23:A:LEU:HD21	1:27:A:ARG:HE	6	0.41
(15,709)	1:23:A:LEU:HD22	1:27:A:ARG:HE	6	0.41
(15,709)	1:23:A:LEU:HD23	1:27:A:ARG:HE	6	0.41
(15,709)	1:23:A:LEU:HD21	1:27:A:ARG:HE	12	0.41
(15,709)	1:23:A:LEU:HD22	1:27:A:ARG:HE	12	0.41
(15,709)	1:23:A:LEU:HD23	1:27:A:ARG:HE	12	0.41
(15,698)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	5	0.41
(15,698)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	5	0.41
(15,575)	1:63:A:ILE:HG21	1:116:A:GLN:H	8	0.41
(15,575)	1:63:A:ILE:HG22	1:116:A:GLN:H	8	0.41
(15,575)	1:63:A:ILE:HG23	1:116:A:GLN:H	8	0.41
(15,431)	1:98:A:ILE:HD11	1:100:A:ALA:H	6	0.41
(15,431)	1:98:A:ILE:HD12	1:100:A:ALA:H	6	0.41
(15,431)	1:98:A:ILE:HD13	1:100:A:ALA:H	6	0.41
(15,209)	1:101:A:ILE:H	1:102:A:PRO:HD3	19	0.41
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB1	11	0.41
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB2	11	0.41
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB3	11	0.41
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB1	12	0.41
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB2	12	0.41
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB3	12	0.41
(15,127)	1:79:A:THR:HA	1:80:A:TYR:H	8	0.41
(13,2307)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	16	0.41
(13,2307)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	16	0.41
(13,2307)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	16	0.41
(13,2307)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	16	0.41
(13,2307)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	16	0.41
(13,2307)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	16	0.41
(13,2307)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	16	0.41
(13,2307)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	16	0.41
(13,2307)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	16	0.41
(13,2307)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	16	0.41
(13,2307)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	16	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2307)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	16	0.41
(13,2269)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	17	0.41
(13,2269)	1:98:A:ILE:HG21	1:116:A:GLN:HG3	17	0.41
(13,2269)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	17	0.41
(13,2269)	1:98:A:ILE:HG22	1:116:A:GLN:HG3	17	0.41
(13,2269)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	17	0.41
(13,2269)	1:98:A:ILE:HG23	1:116:A:GLN:HG3	17	0.41
(13,2262)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	16	0.41
(13,2262)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	16	0.41
(13,2262)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	16	0.41
(13,2262)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	16	0.41
(13,2262)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	16	0.41
(13,2262)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	16	0.41
(13,2262)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	16	0.41
(13,2262)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	16	0.41
(13,2262)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	16	0.41
(13,2262)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	16	0.41
(13,2262)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	16	0.41
(13,2262)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	16	0.41
(13,2262)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	16	0.41
(13,2262)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	16	0.41
(13,2262)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	16	0.41
(13,2262)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	16	0.41
(13,2262)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	16	0.41
(13,2262)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	16	0.41
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG11	7	0.41
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG12	7	0.41
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG13	7	0.41
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG21	7	0.41
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG22	7	0.41
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG23	7	0.41
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG11	7	0.41
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG12	7	0.41
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG13	7	0.41
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG21	7	0.41
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG22	7	0.41
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG23	7	0.41
(13,1951)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	3	0.41
(13,1951)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	3	0.41
(13,1951)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	3	0.41
(13,1951)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	3	0.41
(13,1951)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	3	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1951)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	3	0.41
(13,1951)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	3	0.41
(13,1951)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	3	0.41
(13,1951)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	3	0.41
(13,1951)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	3	0.41
(13,1951)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	3	0.41
(13,1951)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	3	0.41
(13,1864)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	1	0.41
(13,1864)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	1	0.41
(13,1835)	1:14:A:VAL:HA	1:18:A:PHE:HD1	12	0.41
(13,1835)	1:14:A:VAL:HA	1:18:A:PHE:HD2	12	0.41
(13,1575)	1:73:A:ILE:HG21	1:76:A:ARG:H	17	0.41
(13,1575)	1:73:A:ILE:HG22	1:76:A:ARG:H	17	0.41
(13,1575)	1:73:A:ILE:HG23	1:76:A:ARG:H	17	0.41
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	5	0.41
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	5	0.41
(13,1482)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	5	0.41
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	5	0.41
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	5	0.41
(13,1482)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	5	0.41
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	5	0.41
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	5	0.41
(13,1280)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	5	0.41
(13,1278)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	12	0.41
(13,1278)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	12	0.41
(13,1278)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	12	0.41
(13,990)	1:27:A:ARG:HB2	1:28:A:GLY:H	17	0.41
(13,693)	1:23:A:LEU:HD21	1:27:A:ARG:HE	11	0.41
(13,693)	1:23:A:LEU:HD22	1:27:A:ARG:HE	11	0.41
(13,693)	1:23:A:LEU:HD23	1:27:A:ARG:HE	11	0.41
(13,647)	1:101:A:ILE:HB	1:103:A:ARG:H	1	0.41
(13,468)	1:14:A:VAL:H	1:61:A:SER:HA	10	0.41
(13,119)	1:79:A:THR:HA	1:80:A:TYR:H	8	0.41
(13,89)	1:96:A:VAL:H	1:97:A:ASP:H	1	0.41
(13,51)	1:47:A:ALA:H	1:134:A:VAL:HG21	17	0.41
(13,51)	1:47:A:ALA:H	1:134:A:VAL:HG22	17	0.41
(13,51)	1:47:A:ALA:H	1:134:A:VAL:HG23	17	0.41
(11,2417)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	2	0.41
(11,2417)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	2	0.41
(11,2417)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	2	0.41
(11,2417)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	2	0.41
(11,2417)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	2	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2417)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	2	0.41
(11,2417)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	2	0.41
(11,2417)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	2	0.41
(11,2417)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	2	0.41
(11,2417)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	2	0.41
(11,2417)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	2	0.41
(11,2417)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	2	0.41
(11,2417)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	7	0.41
(11,2417)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	7	0.41
(11,2417)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	7	0.41
(11,2417)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	7	0.41
(11,2417)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	7	0.41
(11,2417)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	7	0.41
(11,2417)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	7	0.41
(11,2417)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	7	0.41
(11,2417)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	7	0.41
(11,2417)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	7	0.41
(11,2417)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	7	0.41
(11,2417)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	7	0.41
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD11	18	0.41
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD12	18	0.41
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD13	18	0.41
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD21	18	0.41
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD22	18	0.41
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD23	18	0.41
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD11	14	0.41
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD12	14	0.41
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD13	14	0.41
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD21	14	0.41
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD22	14	0.41
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD23	14	0.41
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD11	14	0.41
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD12	14	0.41
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD13	14	0.41
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD21	14	0.41
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD22	14	0.41
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD23	14	0.41
(11,2177)	1:46:A:ASN:HD21	1:131:A:LEU:HA	11	0.41
(11,2177)	1:46:A:ASN:HD22	1:131:A:LEU:HA	11	0.41
(11,2087)	1:35:A:LEU:HD11	1:38:A:GLU:H	2	0.41
(11,2087)	1:35:A:LEU:HD12	1:38:A:GLU:H	2	0.41
(11,2087)	1:35:A:LEU:HD13	1:38:A:GLU:H	2	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2087)	1:35:A:LEU:HD21	1:38:A:GLU:H	2	0.41
(11,2087)	1:35:A:LEU:HD22	1:38:A:GLU:H	2	0.41
(11,2087)	1:35:A:LEU:HD23	1:38:A:GLU:H	2	0.41
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	9	0.41
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	9	0.41
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	9	0.41
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	9	0.41
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	9	0.41
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	9	0.41
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	9	0.41
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	9	0.41
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	9	0.41
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	9	0.41
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	9	0.41
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	9	0.41
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	13	0.41
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	13	0.41
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	13	0.41
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	13	0.41
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	13	0.41
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	13	0.41
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	13	0.41
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	13	0.41
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	13	0.41
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	13	0.41
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	13	0.41
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	13	0.41
(11,1960)	1:10:A:ASN:HB2	1:61:A:SER:HA	13	0.41
(11,1960)	1:10:A:ASN:HB3	1:61:A:SER:HA	13	0.41
(11,1930)	1:13:A:ALA:H	1:80:A:TYR:HE1	13	0.41
(11,1930)	1:13:A:ALA:H	1:80:A:TYR:HE2	13	0.41
(11,1921)	1:150:A:THR:H	1:151:A:PHE:HD1	19	0.41
(11,1921)	1:150:A:THR:H	1:151:A:PHE:HD2	19	0.41
(11,1865)	1:61:A:SER:H	1:62:A:HIS:HD2	2	0.41
(11,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	2	0.41
(11,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	2	0.41
(11,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	2	0.41
(11,1812)	1:144:A:LEU:HA	1:144:A:LEU:HD11	1	0.41
(11,1812)	1:144:A:LEU:HA	1:144:A:LEU:HD12	1	0.41
(11,1812)	1:144:A:LEU:HA	1:144:A:LEU:HD13	1	0.41
(11,1755)	1:14:A:VAL:H	1:79:A:THR:HG21	7	0.41
(11,1755)	1:14:A:VAL:H	1:79:A:THR:HG22	7	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1755)	1:14:A:VAL:H	1:79:A:THR:HG23	7	0.41
(11,1638)	1:73:A:ILE:HG21	1:76:A:ARG:H	17	0.41
(11,1638)	1:73:A:ILE:HG22	1:76:A:ARG:H	17	0.41
(11,1638)	1:73:A:ILE:HG23	1:76:A:ARG:H	17	0.41
(11,1485)	1:95:A:ILE:HG21	1:96:A:VAL:H	2	0.41
(11,1485)	1:95:A:ILE:HG22	1:96:A:VAL:H	2	0.41
(11,1485)	1:95:A:ILE:HG23	1:96:A:VAL:H	2	0.41
(11,1427)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	13	0.41
(11,1427)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	13	0.41
(11,1427)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	13	0.41
(11,1266)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	16	0.41
(11,1266)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	16	0.41
(11,1266)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	16	0.41
(11,1266)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	16	0.41
(11,1266)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	16	0.41
(11,1266)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	16	0.41
(11,1266)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	16	0.41
(11,1266)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	16	0.41
(11,1266)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	16	0.41
(11,1069)	1:110:A:MET:HG2	1:114:A:ILE:HG13	16	0.41
(11,1069)	1:110:A:MET:HG3	1:114:A:ILE:HG13	16	0.41
(11,1002)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	16	0.41
(11,1002)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	16	0.41
(11,1002)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	16	0.41
(11,797)	1:11:A:ILE:HD11	1:47:A:ALA:HB1	6	0.41
(11,797)	1:11:A:ILE:HD11	1:47:A:ALA:HB2	6	0.41
(11,797)	1:11:A:ILE:HD11	1:47:A:ALA:HB3	6	0.41
(11,797)	1:11:A:ILE:HD12	1:47:A:ALA:HB1	6	0.41
(11,797)	1:11:A:ILE:HD12	1:47:A:ALA:HB2	6	0.41
(11,797)	1:11:A:ILE:HD12	1:47:A:ALA:HB3	6	0.41
(11,797)	1:11:A:ILE:HD13	1:47:A:ALA:HB1	6	0.41
(11,797)	1:11:A:ILE:HD13	1:47:A:ALA:HB2	6	0.41
(11,797)	1:11:A:ILE:HD13	1:47:A:ALA:HB3	6	0.41
(11,725)	1:73:A:ILE:HG21	1:76:A:ARG:HE	19	0.41
(11,725)	1:73:A:ILE:HG22	1:76:A:ARG:HE	19	0.41
(11,725)	1:73:A:ILE:HG23	1:76:A:ARG:HE	19	0.41
(11,657)	1:101:A:ILE:HB	1:103:A:ARG:H	1	0.41
(11,621)	1:96:A:VAL:H	1:97:A:ASP:H	2	0.41
(11,555)	1:73:A:ILE:HD11	1:110:A:MET:H	1	0.41
(11,555)	1:73:A:ILE:HD12	1:110:A:MET:H	1	0.41
(11,555)	1:73:A:ILE:HD13	1:110:A:MET:H	1	0.41
(11,540)	1:60:A:LEU:HD21	1:61:A:SER:H	11	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,540)	1:60:A:LEU:HD22	1:61:A:SER:H	11	0.41
(11,540)	1:60:A:LEU:HD23	1:61:A:SER:H	11	0.41
(11,487)	1:79:A:THR:H	1:79:A:THR:HG21	4	0.41
(11,487)	1:79:A:THR:H	1:79:A:THR:HG22	4	0.41
(11,487)	1:79:A:THR:H	1:79:A:THR:HG23	4	0.41
(11,436)	1:68:A:LYS:H	1:68:A:LYS:HE2	2	0.41
(11,436)	1:68:A:LYS:H	1:68:A:LYS:HE3	2	0.41
(11,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	16	0.41
(11,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	16	0.41
(11,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	16	0.41
(11,31)	1:35:A:LEU:H	1:35:A:LEU:HG	9	0.41
(9,2205)	1:70:A:LYS:H	1:70:A:LYS:HD2	6	0.41
(9,2205)	1:70:A:LYS:H	1:70:A:LYS:HD3	6	0.41
(9,2163)	1:60:A:LEU:HD11	1:61:A:SER:HB2	6	0.41
(9,2163)	1:60:A:LEU:HD11	1:61:A:SER:HB3	6	0.41
(9,2163)	1:60:A:LEU:HD12	1:61:A:SER:HB2	6	0.41
(9,2163)	1:60:A:LEU:HD12	1:61:A:SER:HB3	6	0.41
(9,2163)	1:60:A:LEU:HD13	1:61:A:SER:HB2	6	0.41
(9,2163)	1:60:A:LEU:HD13	1:61:A:SER:HB3	6	0.41
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG11	17	0.41
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG12	17	0.41
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG13	17	0.41
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG21	17	0.41
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG22	17	0.41
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG23	17	0.41
(9,2090)	1:39:A:VAL:HG11	1:41:A:LYS:H	9	0.41
(9,2090)	1:39:A:VAL:HG12	1:41:A:LYS:H	9	0.41
(9,2090)	1:39:A:VAL:HG13	1:41:A:LYS:H	9	0.41
(9,2090)	1:39:A:VAL:HG21	1:41:A:LYS:H	9	0.41
(9,2090)	1:39:A:VAL:HG22	1:41:A:LYS:H	9	0.41
(9,2090)	1:39:A:VAL:HG23	1:41:A:LYS:H	9	0.41
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD11	3	0.41
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD12	3	0.41
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD13	3	0.41
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD21	3	0.41
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD22	3	0.41
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD23	3	0.41
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD11	6	0.41
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD12	6	0.41
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD13	6	0.41
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD21	6	0.41
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD22	6	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2073)	1:37:A:LEU:HA	1:40:A:LEU:HD23	6	0.41
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	3	0.41
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	3	0.41
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	3	0.41
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	3	0.41
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	3	0.41
(9,2009)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	3	0.41
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	3	0.41
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	3	0.41
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	3	0.41
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	3	0.41
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	3	0.41
(9,2009)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	3	0.41
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	6	0.41
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	6	0.41
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	6	0.41
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	6	0.41
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	6	0.41
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	6	0.41
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	6	0.41
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	6	0.41
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	6	0.41
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	6	0.41
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	6	0.41
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	6	0.41
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	6	0.41
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	6	0.41
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	6	0.41
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	6	0.41
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	6	0.41
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	6	0.41
(9,1936)	1:10:A:ASN:HB2	1:61:A:SER:HA	13	0.41
(9,1936)	1:10:A:ASN:HB3	1:61:A:SER:HA	13	0.41
(9,1815)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	2	0.41
(9,1815)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	2	0.41
(9,1815)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	2	0.41
(9,1754)	1:141:A:LYS:HA	1:148:A:CYS:H	8	0.41
(9,1740)	1:39:A:VAL:HA	1:140:A:LEU:HD11	18	0.41
(9,1740)	1:39:A:VAL:HA	1:140:A:LEU:HD12	18	0.41
(9,1740)	1:39:A:VAL:HA	1:140:A:LEU:HD13	18	0.41
(9,1719)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	1	0.41
(9,1719)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	1	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1719)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	1	0.41
(9,1611)	1:149:A:ALA:HB1	1:151:A:PHE:HA	16	0.41
(9,1611)	1:149:A:ALA:HB2	1:151:A:PHE:HA	16	0.41
(9,1611)	1:149:A:ALA:HB3	1:151:A:PHE:HA	16	0.41
(9,1600)	1:73:A:ILE:HG21	1:76:A:ARG:H	17	0.41
(9,1600)	1:73:A:ILE:HG22	1:76:A:ARG:H	17	0.41
(9,1600)	1:73:A:ILE:HG23	1:76:A:ARG:H	17	0.41
(9,1560)	1:11:A:ILE:HD11	1:45:A:ALA:H	10	0.41
(9,1560)	1:11:A:ILE:HD12	1:45:A:ALA:H	10	0.41
(9,1560)	1:11:A:ILE:HD13	1:45:A:ALA:H	10	0.41
(9,1515)	1:69:A:MET:HE1	1:116:A:GLN:HE21	4	0.41
(9,1515)	1:69:A:MET:HE2	1:116:A:GLN:HE21	4	0.41
(9,1515)	1:69:A:MET:HE3	1:116:A:GLN:HE21	4	0.41
(9,1457)	1:95:A:ILE:HG21	1:96:A:VAL:H	2	0.41
(9,1457)	1:95:A:ILE:HG22	1:96:A:VAL:H	2	0.41
(9,1457)	1:95:A:ILE:HG23	1:96:A:VAL:H	2	0.41
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD11	2	0.41
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD12	2	0.41
(9,1133)	1:140:A:LEU:HA	1:144:A:LEU:HD13	2	0.41
(9,653)	1:101:A:ILE:HB	1:103:A:ARG:H	1	0.41
(9,584)	1:126:A:GLY:H	1:128:A:LEU:HB2	7	0.41
(9,545)	1:60:A:LEU:HD21	1:61:A:SER:H	11	0.41
(9,545)	1:60:A:LEU:HD22	1:61:A:SER:H	11	0.41
(9,545)	1:60:A:LEU:HD23	1:61:A:SER:H	11	0.41
(9,253)	1:58:A:ILE:H	1:58:A:ILE:HG13	12	0.41
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB1	10	0.41
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB2	10	0.41
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB3	10	0.41
(7,2423)	1:134:A:VAL:HG11	1:137:A:SER:H	5	0.41
(7,2423)	1:134:A:VAL:HG12	1:137:A:SER:H	5	0.41
(7,2423)	1:134:A:VAL:HG13	1:137:A:SER:H	5	0.41
(7,2423)	1:134:A:VAL:HG21	1:137:A:SER:H	5	0.41
(7,2423)	1:134:A:VAL:HG22	1:137:A:SER:H	5	0.41
(7,2423)	1:134:A:VAL:HG23	1:137:A:SER:H	5	0.41
(7,2318)	1:107:A:LEU:HD11	1:112:A:GLN:H	12	0.41
(7,2318)	1:107:A:LEU:HD12	1:112:A:GLN:H	12	0.41
(7,2318)	1:107:A:LEU:HD13	1:112:A:GLN:H	12	0.41
(7,2318)	1:107:A:LEU:HD21	1:112:A:GLN:H	12	0.41
(7,2318)	1:107:A:LEU:HD22	1:112:A:GLN:H	12	0.41
(7,2318)	1:107:A:LEU:HD23	1:112:A:GLN:H	12	0.41
(7,2315)	1:107:A:LEU:HD11	1:108:A:GLU:H	5	0.41
(7,2315)	1:107:A:LEU:HD12	1:108:A:GLU:H	5	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2315)	1:107:A:LEU:HD13	1:108:A:GLU:H	5	0.41
(7,2315)	1:107:A:LEU:HD21	1:108:A:GLU:H	5	0.41
(7,2315)	1:107:A:LEU:HD22	1:108:A:GLU:H	5	0.41
(7,2315)	1:107:A:LEU:HD23	1:108:A:GLU:H	5	0.41
(7,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	16	0.41
(7,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	16	0.41
(7,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	16	0.41
(7,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	16	0.41
(7,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	16	0.41
(7,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	16	0.41
(7,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	16	0.41
(7,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	16	0.41
(7,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	16	0.41
(7,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	16	0.41
(7,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	16	0.41
(7,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	16	0.41
(7,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	16	0.41
(7,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	16	0.41
(7,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	16	0.41
(7,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	16	0.41
(7,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	16	0.41
(7,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	16	0.41
(7,2251)	1:79:A:THR:HG21	1:81:A:GLU:HB2	12	0.41
(7,2251)	1:79:A:THR:HG21	1:81:A:GLU:HB3	12	0.41
(7,2251)	1:79:A:THR:HG22	1:81:A:GLU:HB2	12	0.41
(7,2251)	1:79:A:THR:HG22	1:81:A:GLU:HB3	12	0.41
(7,2251)	1:79:A:THR:HG23	1:81:A:GLU:HB2	12	0.41
(7,2251)	1:79:A:THR:HG23	1:81:A:GLU:HB3	12	0.41
(7,2143)	1:47:A:ALA:HA	1:57:A:LEU:HD11	17	0.41
(7,2143)	1:47:A:ALA:HA	1:57:A:LEU:HD12	17	0.41
(7,2143)	1:47:A:ALA:HA	1:57:A:LEU:HD13	17	0.41
(7,2143)	1:47:A:ALA:HA	1:57:A:LEU:HD21	17	0.41
(7,2143)	1:47:A:ALA:HA	1:57:A:LEU:HD22	17	0.41
(7,2143)	1:47:A:ALA:HA	1:57:A:LEU:HD23	17	0.41
(7,2082)	1:39:A:VAL:HG11	1:40:A:LEU:HD11	3	0.41
(7,2082)	1:39:A:VAL:HG11	1:40:A:LEU:HD12	3	0.41
(7,2082)	1:39:A:VAL:HG11	1:40:A:LEU:HD13	3	0.41
(7,2082)	1:39:A:VAL:HG11	1:40:A:LEU:HD21	3	0.41
(7,2082)	1:39:A:VAL:HG11	1:40:A:LEU:HD22	3	0.41
(7,2082)	1:39:A:VAL:HG11	1:40:A:LEU:HD23	3	0.41
(7,2082)	1:39:A:VAL:HG12	1:40:A:LEU:HD11	3	0.41
(7,2082)	1:39:A:VAL:HG12	1:40:A:LEU:HD12	3	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2082)	1:39:A:VAL:HG12	1:40:A:LEU:HD13	3	0.41
(7,2082)	1:39:A:VAL:HG12	1:40:A:LEU:HD21	3	0.41
(7,2082)	1:39:A:VAL:HG12	1:40:A:LEU:HD22	3	0.41
(7,2082)	1:39:A:VAL:HG12	1:40:A:LEU:HD23	3	0.41
(7,2082)	1:39:A:VAL:HG13	1:40:A:LEU:HD11	3	0.41
(7,2082)	1:39:A:VAL:HG13	1:40:A:LEU:HD12	3	0.41
(7,2082)	1:39:A:VAL:HG13	1:40:A:LEU:HD13	3	0.41
(7,2082)	1:39:A:VAL:HG13	1:40:A:LEU:HD21	3	0.41
(7,2082)	1:39:A:VAL:HG13	1:40:A:LEU:HD22	3	0.41
(7,2082)	1:39:A:VAL:HG13	1:40:A:LEU:HD23	3	0.41
(7,2082)	1:39:A:VAL:HG21	1:40:A:LEU:HD11	3	0.41
(7,2082)	1:39:A:VAL:HG21	1:40:A:LEU:HD12	3	0.41
(7,2082)	1:39:A:VAL:HG21	1:40:A:LEU:HD13	3	0.41
(7,2082)	1:39:A:VAL:HG21	1:40:A:LEU:HD21	3	0.41
(7,2082)	1:39:A:VAL:HG21	1:40:A:LEU:HD22	3	0.41
(7,2082)	1:39:A:VAL:HG21	1:40:A:LEU:HD23	3	0.41
(7,2082)	1:39:A:VAL:HG22	1:40:A:LEU:HD11	3	0.41
(7,2082)	1:39:A:VAL:HG22	1:40:A:LEU:HD12	3	0.41
(7,2082)	1:39:A:VAL:HG22	1:40:A:LEU:HD13	3	0.41
(7,2082)	1:39:A:VAL:HG22	1:40:A:LEU:HD21	3	0.41
(7,2082)	1:39:A:VAL:HG22	1:40:A:LEU:HD22	3	0.41
(7,2082)	1:39:A:VAL:HG22	1:40:A:LEU:HD23	3	0.41
(7,2082)	1:39:A:VAL:HG23	1:40:A:LEU:HD11	3	0.41
(7,2082)	1:39:A:VAL:HG23	1:40:A:LEU:HD12	3	0.41
(7,2082)	1:39:A:VAL:HG23	1:40:A:LEU:HD13	3	0.41
(7,2082)	1:39:A:VAL:HG23	1:40:A:LEU:HD21	3	0.41
(7,2082)	1:39:A:VAL:HG23	1:40:A:LEU:HD22	3	0.41
(7,2082)	1:39:A:VAL:HG23	1:40:A:LEU:HD23	3	0.41
(7,2042)	1:35:A:LEU:HD11	1:38:A:GLU:H	2	0.41
(7,2042)	1:35:A:LEU:HD12	1:38:A:GLU:H	2	0.41
(7,2042)	1:35:A:LEU:HD13	1:38:A:GLU:H	2	0.41
(7,2042)	1:35:A:LEU:HD21	1:38:A:GLU:H	2	0.41
(7,2042)	1:35:A:LEU:HD22	1:38:A:GLU:H	2	0.41
(7,2042)	1:35:A:LEU:HD23	1:38:A:GLU:H	2	0.41
(7,2026)	1:31:A:PRO:HD2	1:144:A:LEU:HA	7	0.41
(7,2026)	1:31:A:PRO:HD3	1:144:A:LEU:HA	7	0.41
(7,1876)	1:13:A:ALA:H	1:80:A:TYR:HE1	13	0.41
(7,1876)	1:13:A:ALA:H	1:80:A:TYR:HE2	13	0.41
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	3	0.41
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	3	0.41
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	3	0.41
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	3	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1791)	1:9:A:PHE:HZ	1:54:A:ARG:HA	6	0.41
(7,1710)	1:39:A:VAL:HA	1:140:A:LEU:HD11	18	0.41
(7,1710)	1:39:A:VAL:HA	1:140:A:LEU:HD12	18	0.41
(7,1710)	1:39:A:VAL:HA	1:140:A:LEU:HD13	18	0.41
(7,1593)	1:149:A:ALA:HB1	1:151:A:PHE:HA	16	0.41
(7,1593)	1:149:A:ALA:HB2	1:151:A:PHE:HA	16	0.41
(7,1593)	1:149:A:ALA:HB3	1:151:A:PHE:HA	16	0.41
(7,1580)	1:73:A:ILE:HG21	1:76:A:ARG:H	17	0.41
(7,1580)	1:73:A:ILE:HG22	1:76:A:ARG:H	17	0.41
(7,1580)	1:73:A:ILE:HG23	1:76:A:ARG:H	17	0.41
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG21	14	0.41
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG22	14	0.41
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG23	14	0.41
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE1	3	0.41
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE2	3	0.41
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE3	3	0.41
(7,1479)	1:114:A:ILE:HG21	1:117:A:VAL:HB	3	0.41
(7,1479)	1:114:A:ILE:HG22	1:117:A:VAL:HB	3	0.41
(7,1479)	1:114:A:ILE:HG23	1:117:A:VAL:HB	3	0.41
(7,1442)	1:95:A:ILE:HG21	1:96:A:VAL:H	2	0.41
(7,1442)	1:95:A:ILE:HG22	1:96:A:VAL:H	2	0.41
(7,1442)	1:95:A:ILE:HG23	1:96:A:VAL:H	2	0.41
(7,1363)	1:107:A:LEU:HD11	1:111:A:GLU:HB2	1	0.41
(7,1363)	1:107:A:LEU:HD11	1:111:A:GLU:HB3	1	0.41
(7,1363)	1:107:A:LEU:HD12	1:111:A:GLU:HB2	1	0.41
(7,1363)	1:107:A:LEU:HD12	1:111:A:GLU:HB3	1	0.41
(7,1363)	1:107:A:LEU:HD13	1:111:A:GLU:HB2	1	0.41
(7,1363)	1:107:A:LEU:HD13	1:111:A:GLU:HB3	1	0.41
(7,1289)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	12	0.41
(7,1289)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	12	0.41
(7,1289)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	12	0.41
(7,1248)	1:15:A:ALA:HA	1:131:A:LEU:HB2	10	0.41
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB1	16	0.41
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB2	16	0.41
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB3	16	0.41
(7,776)	1:63:A:ILE:HD11	1:64:A:LYS:H	9	0.41
(7,776)	1:63:A:ILE:HD12	1:64:A:LYS:H	9	0.41
(7,776)	1:63:A:ILE:HD13	1:64:A:LYS:H	9	0.41
(7,588)	1:70:A:LYS:HB2	1:75:A:GLY:H	3	0.41
(7,588)	1:70:A:LYS:HB3	1:75:A:GLY:H	3	0.41
(7,580)	1:50:A:ALA:HB1	1:126:A:GLY:H	10	0.41
(7,580)	1:50:A:ALA:HB2	1:126:A:GLY:H	10	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,580)	1:50:A:ALA:HB3	1:126:A:GLY:H	10	0.41
(7,489)	1:79:A:THR:H	1:79:A:THR:HG21	4	0.41
(7,489)	1:79:A:THR:H	1:79:A:THR:HG22	4	0.41
(7,489)	1:79:A:THR:H	1:79:A:THR:HG23	4	0.41
(7,442)	1:68:A:LYS:H	1:70:A:LYS:HG3	7	0.41
(7,292)	1:121:A:VAL:H	1:123:A:CYS:H	10	0.41
(7,120)	1:79:A:THR:HA	1:80:A:TYR:H	8	0.41
(7,42)	1:44:A:GLU:HG3	1:47:A:ALA:H	17	0.41
(6,2466)	1:141:A:LYS:HA	1:148:A:CYS:HB2	8	0.41
(6,2466)	1:141:A:LYS:HA	1:148:A:CYS:HB3	8	0.41
(6,2403)	1:127:A:CYS:HB3	1:128:A:LEU:HD11	2	0.41
(6,2403)	1:127:A:CYS:HB3	1:128:A:LEU:HD12	2	0.41
(6,2403)	1:127:A:CYS:HB3	1:128:A:LEU:HD13	2	0.41
(6,2403)	1:127:A:CYS:HB3	1:128:A:LEU:HD21	2	0.41
(6,2403)	1:127:A:CYS:HB3	1:128:A:LEU:HD22	2	0.41
(6,2403)	1:127:A:CYS:HB3	1:128:A:LEU:HD23	2	0.41
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG11	1	0.41
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG12	1	0.41
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG13	1	0.41
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG21	1	0.41
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG22	1	0.41
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG23	1	0.41
(6,2290)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	16	0.41
(6,2290)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	16	0.41
(6,2290)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	16	0.41
(6,2290)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	16	0.41
(6,2290)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	16	0.41
(6,2290)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	16	0.41
(6,2290)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	16	0.41
(6,2290)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	16	0.41
(6,2290)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	16	0.41
(6,2290)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	16	0.41
(6,2290)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	16	0.41
(6,2290)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	16	0.41
(6,2290)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	16	0.41
(6,2290)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	16	0.41
(6,2290)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	16	0.41
(6,2290)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	16	0.41
(6,2290)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	16	0.41
(6,2290)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	16	0.41
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	16	0.41
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	16	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	16	0.41
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	16	0.41
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	16	0.41
(6,2062)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	16	0.41
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	16	0.41
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	16	0.41
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	16	0.41
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	16	0.41
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	16	0.41
(6,2062)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	16	0.41
(6,2047)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	3	0.41
(6,2047)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	3	0.41
(6,2047)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	3	0.41
(6,2047)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	3	0.41
(6,2047)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	3	0.41
(6,2047)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	3	0.41
(6,2047)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	3	0.41
(6,2047)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	3	0.41
(6,2047)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	3	0.41
(6,2047)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	3	0.41
(6,2047)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	3	0.41
(6,2047)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	3	0.41
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	6	0.41
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	6	0.41
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	6	0.41
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	6	0.41
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	6	0.41
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	6	0.41
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	6	0.41
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	6	0.41
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	6	0.41
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	6	0.41
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	6	0.41
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	6	0.41
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	6	0.41
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	6	0.41
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	6	0.41
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	6	0.41
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	6	0.41
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	6	0.41
(6,2002)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	3	0.41
(6,2002)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	3	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2002)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	3	0.41
(6,2002)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	3	0.41
(6,2002)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	3	0.41
(6,2002)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	3	0.41
(6,2002)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	3	0.41
(6,2002)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	3	0.41
(6,2002)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	3	0.41
(6,2002)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	3	0.41
(6,2002)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	3	0.41
(6,2002)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	3	0.41
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD11	7	0.41
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD12	7	0.41
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD13	7	0.41
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD21	7	0.41
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD22	7	0.41
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD23	7	0.41
(6,1924)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	3	0.41
(6,1912)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	8	0.41
(6,1912)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	8	0.41
(6,1912)	1:113:A:PHE:HE1	1:114:A:ILE:HG12	8	0.41
(6,1912)	1:113:A:PHE:HE2	1:114:A:ILE:HG12	8	0.41
(6,1912)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	10	0.41
(6,1912)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	10	0.41
(6,1912)	1:113:A:PHE:HE1	1:114:A:ILE:HG12	10	0.41
(6,1912)	1:113:A:PHE:HE2	1:114:A:ILE:HG12	10	0.41
(6,1884)	1:14:A:VAL:HA	1:18:A:PHE:HD1	14	0.41
(6,1884)	1:14:A:VAL:HA	1:18:A:PHE:HD2	14	0.41
(6,1785)	1:144:A:LEU:HA	1:144:A:LEU:HD11	5	0.41
(6,1785)	1:144:A:LEU:HA	1:144:A:LEU:HD12	5	0.41
(6,1785)	1:144:A:LEU:HA	1:144:A:LEU:HD13	5	0.41
(6,1777)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	10	0.41
(6,1777)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	10	0.41
(6,1777)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	10	0.41
(6,1777)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	10	0.41
(6,1741)	1:18:A:PHE:HB2	1:132:A:ALA:HA	5	0.41
(6,1741)	1:18:A:PHE:HB3	1:132:A:ALA:HA	5	0.41
(6,1727)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	1	0.41
(6,1727)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	1	0.41
(6,1727)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	1	0.41
(6,1606)	1:73:A:ILE:HG21	1:76:A:ARG:H	17	0.41
(6,1606)	1:73:A:ILE:HG22	1:76:A:ARG:H	17	0.41
(6,1606)	1:73:A:ILE:HG23	1:76:A:ARG:H	17	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1578)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	19	0.41
(6,1578)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	19	0.41
(6,1578)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	19	0.41
(6,1566)	1:11:A:ILE:HD11	1:45:A:ALA:H	2	0.41
(6,1566)	1:11:A:ILE:HD12	1:45:A:ALA:H	2	0.41
(6,1566)	1:11:A:ILE:HD13	1:45:A:ALA:H	2	0.41
(6,1460)	1:95:A:ILE:HG21	1:96:A:VAL:H	2	0.41
(6,1460)	1:95:A:ILE:HG22	1:96:A:VAL:H	2	0.41
(6,1460)	1:95:A:ILE:HG23	1:96:A:VAL:H	2	0.41
(6,1402)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	5	0.41
(6,1402)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	5	0.41
(6,1402)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	5	0.41
(6,1402)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	5	0.41
(6,1402)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	5	0.41
(6,1402)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	5	0.41
(6,1348)	1:73:A:ILE:HB	1:76:A:ARG:HA	16	0.41
(6,985)	1:98:A:ILE:HB	1:105:A:LYS:HB2	13	0.41
(6,985)	1:98:A:ILE:HB	1:105:A:LYS:HB3	13	0.41
(6,855)	1:18:A:PHE:HZ	1:60:A:LEU:HB2	14	0.41
(6,662)	1:63:A:ILE:HD11	1:116:A:GLN:H	18	0.41
(6,662)	1:63:A:ILE:HD12	1:116:A:GLN:H	18	0.41
(6,662)	1:63:A:ILE:HD13	1:116:A:GLN:H	18	0.41
(6,579)	1:126:A:GLY:H	1:128:A:LEU:HB2	7	0.41
(6,536)	1:60:A:LEU:HD21	1:61:A:SER:H	11	0.41
(6,536)	1:60:A:LEU:HD22	1:61:A:SER:H	11	0.41
(6,536)	1:60:A:LEU:HD23	1:61:A:SER:H	11	0.41
(6,280)	1:50:A:ALA:H	1:52:A:CYS:H	14	0.41
(6,245)	1:58:A:ILE:H	1:58:A:ILE:HG13	12	0.41
(6,202)	1:101:A:ILE:H	1:102:A:PRO:HD3	19	0.41
(6,120)	1:79:A:THR:HA	1:80:A:TYR:H	8	0.41
(5,2195)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	11	0.41
(5,2195)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	11	0.41
(5,2179)	1:55:A:GLY:H	1:122:A:ASP:HB2	16	0.41
(5,2179)	1:55:A:GLY:H	1:122:A:ASP:HB3	16	0.41
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD11	4	0.41
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD12	4	0.41
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD13	4	0.41
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD21	4	0.41
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD22	4	0.41
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD23	4	0.41
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD11	4	0.41
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD12	4	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD13	4	0.41
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD21	4	0.41
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD22	4	0.41
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD23	4	0.41
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD11	4	0.41
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD12	4	0.41
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD13	4	0.41
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD21	4	0.41
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD22	4	0.41
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD23	4	0.41
(5,2059)	1:35:A:LEU:HD11	1:38:A:GLU:H	2	0.41
(5,2059)	1:35:A:LEU:HD12	1:38:A:GLU:H	2	0.41
(5,2059)	1:35:A:LEU:HD13	1:38:A:GLU:H	2	0.41
(5,2059)	1:35:A:LEU:HD21	1:38:A:GLU:H	2	0.41
(5,2059)	1:35:A:LEU:HD22	1:38:A:GLU:H	2	0.41
(5,2059)	1:35:A:LEU:HD23	1:38:A:GLU:H	2	0.41
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD11	3	0.41
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD12	3	0.41
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD13	3	0.41
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD21	3	0.41
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD22	3	0.41
(5,2025)	1:23:A:LEU:HA	1:23:A:LEU:HD23	3	0.41
(5,2003)	1:17:A:ASN:HB2	1:63:A:ILE:HD11	9	0.41
(5,2003)	1:17:A:ASN:HB2	1:63:A:ILE:HD12	9	0.41
(5,2003)	1:17:A:ASN:HB2	1:63:A:ILE:HD13	9	0.41
(5,2003)	1:17:A:ASN:HB3	1:63:A:ILE:HD11	9	0.41
(5,2003)	1:17:A:ASN:HB3	1:63:A:ILE:HD12	9	0.41
(5,2003)	1:17:A:ASN:HB3	1:63:A:ILE:HD13	9	0.41
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	9	0.41
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	9	0.41
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	9	0.41
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	9	0.41
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	9	0.41
(5,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	9	0.41
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	9	0.41
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	9	0.41
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	9	0.41
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	9	0.41
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	9	0.41
(5,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	9	0.41
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	9	0.41
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	9	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	9	0.41
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	9	0.41
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	9	0.41
(5,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	9	0.41
(5,1921)	1:63:A:ILE:HB	1:113:A:PHE:HD1	12	0.41
(5,1921)	1:63:A:ILE:HB	1:113:A:PHE:HD2	12	0.41
(5,1850)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	4	0.41
(5,1850)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	4	0.41
(5,1850)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	4	0.41
(5,1850)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	4	0.41
(5,1850)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	4	0.41
(5,1850)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	4	0.41
(5,1671)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	8	0.41
(5,1671)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	8	0.41
(5,1671)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	8	0.41
(5,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	17	0.41
(5,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	17	0.41
(5,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	17	0.41
(5,1484)	1:95:A:ILE:HG21	1:96:A:VAL:H	2	0.41
(5,1484)	1:95:A:ILE:HG22	1:96:A:VAL:H	2	0.41
(5,1484)	1:95:A:ILE:HG23	1:96:A:VAL:H	2	0.41
(5,1163)	1:145:A:PRO:HB2	1:146:A:GLN:HA	11	0.41
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD11	2	0.41
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD12	2	0.41
(5,1142)	1:140:A:LEU:HA	1:144:A:LEU:HD13	2	0.41
(5,1075)	1:54:A:ARG:HA	1:58:A:ILE:HB	18	0.41
(5,1021)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	14	0.41
(5,1021)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	14	0.41
(5,782)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	8	0.41
(5,782)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	8	0.41
(5,782)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	8	0.41
(5,662)	1:108:A:GLU:H	1:112:A:GLN:H	5	0.41
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD21	12	0.41
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD22	12	0.41
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD23	12	0.41
(5,581)	1:126:A:GLY:H	1:128:A:LEU:HB2	7	0.41
(5,280)	1:50:A:ALA:H	1:52:A:CYS:H	14	0.41
(5,185)	1:44:A:GLU:H	1:44:A:GLU:HG3	8	0.41
(5,116)	1:79:A:THR:HA	1:80:A:TYR:H	8	0.41
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD11	8	0.41
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD12	8	0.41
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD13	8	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD21	8	0.41
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD22	8	0.41
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD23	8	0.41
(4,2428)	1:134:A:VAL:HG11	1:137:A:SER:H	5	0.41
(4,2428)	1:134:A:VAL:HG12	1:137:A:SER:H	5	0.41
(4,2428)	1:134:A:VAL:HG13	1:137:A:SER:H	5	0.41
(4,2428)	1:134:A:VAL:HG21	1:137:A:SER:H	5	0.41
(4,2428)	1:134:A:VAL:HG22	1:137:A:SER:H	5	0.41
(4,2428)	1:134:A:VAL:HG23	1:137:A:SER:H	5	0.41
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG11	16	0.41
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG12	16	0.41
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG13	16	0.41
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG21	16	0.41
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG22	16	0.41
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG23	16	0.41
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	16	0.41
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	16	0.41
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	16	0.41
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	16	0.41
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	16	0.41
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	16	0.41
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	16	0.41
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	16	0.41
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	16	0.41
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	16	0.41
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	16	0.41
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	16	0.41
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	16	0.41
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	16	0.41
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	16	0.41
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	16	0.41
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	16	0.41
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	16	0.41
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	16	0.41
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	16	0.41
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	16	0.41
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	16	0.41
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	16	0.41
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	16	0.41
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	16	0.41
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	16	0.41
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	16	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	16	0.41
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	16	0.41
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	16	0.41
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	16	0.41
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	16	0.41
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	16	0.41
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	16	0.41
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	16	0.41
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	16	0.41
(4,1972)	1:14:A:VAL:HB	1:57:A:LEU:HD11	6	0.41
(4,1972)	1:14:A:VAL:HB	1:57:A:LEU:HD12	6	0.41
(4,1972)	1:14:A:VAL:HB	1:57:A:LEU:HD13	6	0.41
(4,1972)	1:14:A:VAL:HB	1:57:A:LEU:HD21	6	0.41
(4,1972)	1:14:A:VAL:HB	1:57:A:LEU:HD22	6	0.41
(4,1972)	1:14:A:VAL:HB	1:57:A:LEU:HD23	6	0.41
(4,1922)	1:10:A:ASN:HB2	1:61:A:SER:HA	13	0.41
(4,1922)	1:10:A:ASN:HB3	1:61:A:SER:HA	13	0.41
(4,1826)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	11	0.41
(4,1826)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	11	0.41
(4,1826)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	11	0.41
(4,1826)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	11	0.41
(4,1826)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	11	0.41
(4,1826)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	11	0.41
(4,1814)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	18	0.41
(4,1814)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	18	0.41
(4,1814)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	18	0.41
(4,1803)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	2	0.41
(4,1803)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	2	0.41
(4,1803)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	2	0.41
(4,1760)	1:144:A:LEU:HA	1:144:A:LEU:HD11	5	0.41
(4,1760)	1:144:A:LEU:HA	1:144:A:LEU:HD12	5	0.41
(4,1760)	1:144:A:LEU:HA	1:144:A:LEU:HD13	5	0.41
(4,1560)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	19	0.41
(4,1560)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	19	0.41
(4,1560)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	19	0.41
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE1	16	0.41
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE2	16	0.41
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE3	16	0.41
(4,1478)	1:114:A:ILE:HG21	1:117:A:VAL:HB	3	0.41
(4,1478)	1:114:A:ILE:HG22	1:117:A:VAL:HB	3	0.41
(4,1478)	1:114:A:ILE:HG23	1:117:A:VAL:HB	3	0.41
(4,1448)	1:95:A:ILE:HG21	1:96:A:VAL:H	2	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1448)	1:95:A:ILE:HG22	1:96:A:VAL:H	2	0.41
(4,1448)	1:95:A:ILE:HG23	1:96:A:VAL:H	2	0.41
(4,1287)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	12	0.41
(4,1287)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	12	0.41
(4,1287)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	12	0.41
(4,1243)	1:15:A:ALA:HA	1:131:A:LEU:HB2	10	0.41
(4,1230)	1:23:A:LEU:HD11	1:24:A:ASP:H	18	0.41
(4,1230)	1:23:A:LEU:HD12	1:24:A:ASP:H	18	0.41
(4,1230)	1:23:A:LEU:HD13	1:24:A:ASP:H	18	0.41
(4,1224)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	16	0.41
(4,1224)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	16	0.41
(4,1224)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	16	0.41
(4,1224)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	16	0.41
(4,1224)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	16	0.41
(4,1224)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	16	0.41
(4,1224)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	16	0.41
(4,1224)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	16	0.41
(4,1224)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	16	0.41
(4,1093)	1:41:A:LYS:HA	1:44:A:GLU:HB2	3	0.41
(4,1093)	1:41:A:LYS:HA	1:44:A:GLU:HB3	3	0.41
(4,1064)	1:45:A:ALA:HA	1:48:A:ARG:HG2	12	0.41
(4,1064)	1:45:A:ALA:HA	1:48:A:ARG:HG3	12	0.41
(4,1040)	1:110:A:MET:HG2	1:114:A:ILE:HG13	16	0.41
(4,1040)	1:110:A:MET:HG3	1:114:A:ILE:HG13	16	0.41
(4,698)	1:23:A:LEU:HD21	1:27:A:ARG:HE	11	0.41
(4,698)	1:23:A:LEU:HD22	1:27:A:ARG:HE	11	0.41
(4,698)	1:23:A:LEU:HD23	1:27:A:ARG:HE	11	0.41
(4,610)	1:23:A:LEU:HD21	1:25:A:ALA:H	1	0.41
(4,610)	1:23:A:LEU:HD22	1:25:A:ALA:H	1	0.41
(4,610)	1:23:A:LEU:HD23	1:25:A:ALA:H	1	0.41
(4,581)	1:70:A:LYS:HB2	1:75:A:GLY:H	10	0.41
(4,581)	1:70:A:LYS:HB3	1:75:A:GLY:H	10	0.41
(4,201)	1:101:A:ILE:H	1:102:A:PRO:HD3	19	0.41
(4,153)	1:50:A:ALA:HB1	1:127:A:CYS:H	5	0.41
(4,153)	1:50:A:ALA:HB2	1:127:A:CYS:H	5	0.41
(4,153)	1:50:A:ALA:HB3	1:127:A:CYS:H	5	0.41
(4,71)	1:63:A:ILE:HG21	1:117:A:VAL:H	11	0.41
(4,71)	1:63:A:ILE:HG22	1:117:A:VAL:H	11	0.41
(4,71)	1:63:A:ILE:HG23	1:117:A:VAL:H	11	0.41
(4,48)	1:44:A:GLU:HG3	1:47:A:ALA:H	17	0.41
(3,2465)	1:134:A:VAL:HG11	1:137:A:SER:H	19	0.41
(3,2465)	1:134:A:VAL:HG12	1:137:A:SER:H	19	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2465)	1:134:A:VAL:HG13	1:137:A:SER:H	19	0.41
(3,2465)	1:134:A:VAL:HG21	1:137:A:SER:H	19	0.41
(3,2465)	1:134:A:VAL:HG22	1:137:A:SER:H	19	0.41
(3,2465)	1:134:A:VAL:HG23	1:137:A:SER:H	19	0.41
(3,2349)	1:105:A:LYS:H	1:105:A:LYS:HG2	10	0.41
(3,2349)	1:105:A:LYS:H	1:105:A:LYS:HG3	10	0.41
(3,2323)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	10	0.41
(3,2323)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	10	0.41
(3,2323)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	10	0.41
(3,2323)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	10	0.41
(3,2323)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	10	0.41
(3,2323)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	10	0.41
(3,2323)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	10	0.41
(3,2323)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	10	0.41
(3,2323)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	10	0.41
(3,2323)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	10	0.41
(3,2323)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	10	0.41
(3,2323)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	10	0.41
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE1	6	0.41
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE2	6	0.41
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE3	6	0.41
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE1	6	0.41
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE2	6	0.41
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE3	6	0.41
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD11	3	0.41
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD12	3	0.41
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD13	3	0.41
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD21	3	0.41
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD22	3	0.41
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD23	3	0.41
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD11	18	0.41
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD12	18	0.41
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD13	18	0.41
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD21	18	0.41
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD22	18	0.41
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD23	18	0.41
(3,2050)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	6	0.41
(3,2050)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	6	0.41
(3,2050)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	6	0.41
(3,2050)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	6	0.41
(3,2050)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	6	0.41
(3,2050)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	6	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2050)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	6	0.41
(3,2050)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	6	0.41
(3,2050)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	6	0.41
(3,2050)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	6	0.41
(3,2050)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	6	0.41
(3,2050)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	6	0.41
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	6	0.41
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	6	0.41
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	6	0.41
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	6	0.41
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	6	0.41
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	6	0.41
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	6	0.41
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	6	0.41
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	6	0.41
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	6	0.41
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	6	0.41
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	6	0.41
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	6	0.41
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	6	0.41
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	6	0.41
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	6	0.41
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	6	0.41
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	6	0.41
(3,1965)	1:10:A:ASN:HB2	1:61:A:SER:HA	13	0.41
(3,1965)	1:10:A:ASN:HB3	1:61:A:SER:HA	13	0.41
(3,1940)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	3	0.41
(3,1904)	1:14:A:VAL:HA	1:18:A:PHE:HD1	11	0.41
(3,1904)	1:14:A:VAL:HA	1:18:A:PHE:HD2	11	0.41
(3,1867)	1:61:A:SER:H	1:62:A:HIS:HD2	2	0.41
(3,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	2	0.41
(3,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	2	0.41
(3,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	2	0.41
(3,1847)	1:9:A:PHE:HZ	1:54:A:ARG:HE	12	0.41
(3,1841)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	14	0.41
(3,1841)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	14	0.41
(3,1685)	1:134:A:VAL:HG21	1:137:A:SER:H	2	0.41
(3,1685)	1:134:A:VAL:HG22	1:137:A:SER:H	2	0.41
(3,1685)	1:134:A:VAL:HG23	1:137:A:SER:H	2	0.41
(3,1641)	1:105:A:LYS:H	1:107:A:LEU:HD21	12	0.41
(3,1641)	1:105:A:LYS:H	1:107:A:LEU:HD22	12	0.41
(3,1641)	1:105:A:LYS:H	1:107:A:LEU:HD23	12	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1639)	1:73:A:ILE:HG21	1:76:A:ARG:H	17	0.41
(3,1639)	1:73:A:ILE:HG22	1:76:A:ARG:H	17	0.41
(3,1639)	1:73:A:ILE:HG23	1:76:A:ARG:H	17	0.41
(3,1490)	1:95:A:ILE:HG21	1:96:A:VAL:H	2	0.41
(3,1490)	1:95:A:ILE:HG22	1:96:A:VAL:H	2	0.41
(3,1490)	1:95:A:ILE:HG23	1:96:A:VAL:H	2	0.41
(3,1486)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	14	0.41
(3,1486)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	14	0.41
(3,1486)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	14	0.41
(3,1486)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	14	0.41
(3,1486)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	14	0.41
(3,1486)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	14	0.41
(3,1486)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	14	0.41
(3,1486)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	14	0.41
(3,1486)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	14	0.41
(3,1332)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	12	0.41
(3,1332)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	12	0.41
(3,1332)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	12	0.41
(3,1224)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	15	0.41
(3,1224)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	15	0.41
(3,1224)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	15	0.41
(3,1218)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	16	0.41
(3,1218)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	16	0.41
(3,1218)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	16	0.41
(3,1218)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	16	0.41
(3,1218)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	16	0.41
(3,1218)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	16	0.41
(3,1218)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	16	0.41
(3,1218)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	16	0.41
(3,1218)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	16	0.41
(3,1075)	1:110:A:MET:HG2	1:114:A:ILE:HG13	16	0.41
(3,1075)	1:110:A:MET:HG3	1:114:A:ILE:HG13	16	0.41
(3,1033)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	14	0.41
(3,1033)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	14	0.41
(3,585)	1:50:A:ALA:HB1	1:126:A:GLY:H	10	0.41
(3,585)	1:50:A:ALA:HB2	1:126:A:GLY:H	10	0.41
(3,585)	1:50:A:ALA:HB3	1:126:A:GLY:H	10	0.41
(3,555)	1:73:A:ILE:HD11	1:110:A:MET:H	1	0.41
(3,555)	1:73:A:ILE:HD12	1:110:A:MET:H	1	0.41
(3,555)	1:73:A:ILE:HD13	1:110:A:MET:H	1	0.41
(3,491)	1:79:A:THR:H	1:79:A:THR:HG21	4	0.41
(3,491)	1:79:A:THR:H	1:79:A:THR:HG22	4	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,491)	1:79:A:THR:H	1:79:A:THR:HG23	4	0.41
(3,409)	1:119:A:LEU:H	1:119:A:LEU:HG	8	0.41
(3,285)	1:50:A:ALA:H	1:52:A:CYS:H	14	0.41
(3,278)	1:113:A:PHE:H	1:116:A:GLN:HG3	10	0.41
(3,203)	1:101:A:ILE:H	1:102:A:PRO:HD3	19	0.41
(2,2463)	1:140:A:LEU:HD11	1:144:A:LEU:H	10	0.41
(2,2463)	1:140:A:LEU:HD12	1:144:A:LEU:H	10	0.41
(2,2463)	1:140:A:LEU:HD13	1:144:A:LEU:H	10	0.41
(2,2463)	1:140:A:LEU:HD21	1:144:A:LEU:H	10	0.41
(2,2463)	1:140:A:LEU:HD22	1:144:A:LEU:H	10	0.41
(2,2463)	1:140:A:LEU:HD23	1:144:A:LEU:H	10	0.41
(2,2463)	1:140:A:LEU:HD11	1:144:A:LEU:H	16	0.41
(2,2463)	1:140:A:LEU:HD12	1:144:A:LEU:H	16	0.41
(2,2463)	1:140:A:LEU:HD13	1:144:A:LEU:H	16	0.41
(2,2463)	1:140:A:LEU:HD21	1:144:A:LEU:H	16	0.41
(2,2463)	1:140:A:LEU:HD22	1:144:A:LEU:H	16	0.41
(2,2463)	1:140:A:LEU:HD23	1:144:A:LEU:H	16	0.41
(2,2355)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	19	0.41
(2,2355)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	19	0.41
(2,2355)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	19	0.41
(2,2355)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	19	0.41
(2,2355)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	19	0.41
(2,2355)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	19	0.41
(2,2355)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	19	0.41
(2,2355)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	19	0.41
(2,2355)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	19	0.41
(2,2355)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	19	0.41
(2,2355)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	19	0.41
(2,2355)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	19	0.41
(2,2350)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	1	0.41
(2,2350)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	1	0.41
(2,2350)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	1	0.41
(2,2350)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	1	0.41
(2,2350)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	1	0.41
(2,2350)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	1	0.41
(2,2350)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	1	0.41
(2,2350)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	1	0.41
(2,2350)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	1	0.41
(2,2350)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	1	0.41
(2,2350)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	1	0.41
(2,2350)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	1	0.41
(2,2350)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	17	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2350)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	17	0.41
(2,2350)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	17	0.41
(2,2350)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	17	0.41
(2,2350)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	17	0.41
(2,2350)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	17	0.41
(2,2350)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	17	0.41
(2,2350)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	17	0.41
(2,2350)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	17	0.41
(2,2350)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	17	0.41
(2,2350)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	17	0.41
(2,2350)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	17	0.41
(2,2275)	1:70:A:LYS:HG2	1:71:A:LYS:H	12	0.41
(2,2275)	1:70:A:LYS:HG3	1:71:A:LYS:H	12	0.41
(2,2273)	1:70:A:LYS:H	1:70:A:LYS:HD2	6	0.41
(2,2273)	1:70:A:LYS:H	1:70:A:LYS:HD3	6	0.41
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG11	14	0.41
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG12	14	0.41
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG13	14	0.41
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG21	14	0.41
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG22	14	0.41
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG23	14	0.41
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	6	0.41
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	6	0.41
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	6	0.41
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	6	0.41
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	6	0.41
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	6	0.41
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	6	0.41
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	6	0.41
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	6	0.41
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	6	0.41
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	6	0.41
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	6	0.41
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	6	0.41
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	6	0.41
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	6	0.41
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	6	0.41
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	6	0.41
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	6	0.41
(2,1927)	1:151:A:PHE:H	1:151:A:PHE:HD1	11	0.41
(2,1927)	1:151:A:PHE:H	1:151:A:PHE:HD2	11	0.41
(2,1841)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	14	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1841)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	14	0.41
(2,1804)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	3	0.41
(2,1804)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	3	0.41
(2,1799)	1:144:A:LEU:HA	1:144:A:LEU:HD11	5	0.41
(2,1799)	1:144:A:LEU:HA	1:144:A:LEU:HD12	5	0.41
(2,1799)	1:144:A:LEU:HA	1:144:A:LEU:HD13	5	0.41
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG21	1	0.41
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG22	1	0.41
(2,1670)	1:50:A:ALA:H	1:134:A:VAL:HG23	1	0.41
(2,1640)	1:10:A:ASN:HB3	1:61:A:SER:HA	12	0.41
(2,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	17	0.41
(2,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	17	0.41
(2,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	17	0.41
(2,1586)	1:61:A:SER:HA	1:63:A:ILE:HD11	8	0.41
(2,1586)	1:61:A:SER:HA	1:63:A:ILE:HD12	8	0.41
(2,1586)	1:61:A:SER:HA	1:63:A:ILE:HD13	8	0.41
(2,1520)	1:69:A:MET:HE1	1:116:A:GLN:HE21	4	0.41
(2,1520)	1:69:A:MET:HE2	1:116:A:GLN:HE21	4	0.41
(2,1520)	1:69:A:MET:HE3	1:116:A:GLN:HE21	4	0.41
(2,1500)	1:114:A:ILE:HG21	1:117:A:VAL:HB	3	0.41
(2,1500)	1:114:A:ILE:HG22	1:117:A:VAL:HB	3	0.41
(2,1500)	1:114:A:ILE:HG23	1:117:A:VAL:HB	3	0.41
(2,1488)	1:101:A:ILE:HG21	1:103:A:ARG:HA	5	0.41
(2,1488)	1:101:A:ILE:HG22	1:103:A:ARG:HA	5	0.41
(2,1488)	1:101:A:ILE:HG23	1:103:A:ARG:HA	5	0.41
(2,1472)	1:95:A:ILE:HG21	1:96:A:VAL:H	2	0.41
(2,1472)	1:95:A:ILE:HG22	1:96:A:VAL:H	2	0.41
(2,1472)	1:95:A:ILE:HG23	1:96:A:VAL:H	2	0.41
(2,1402)	1:11:A:ILE:HG21	1:44:A:GLU:HB2	10	0.41
(2,1402)	1:11:A:ILE:HG21	1:44:A:GLU:HB3	10	0.41
(2,1402)	1:11:A:ILE:HG22	1:44:A:GLU:HB2	10	0.41
(2,1402)	1:11:A:ILE:HG22	1:44:A:GLU:HB3	10	0.41
(2,1402)	1:11:A:ILE:HG23	1:44:A:GLU:HB2	10	0.41
(2,1402)	1:11:A:ILE:HG23	1:44:A:GLU:HB3	10	0.41
(2,1401)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	15	0.41
(2,1401)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	15	0.41
(2,1401)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	15	0.41
(2,1354)	1:73:A:ILE:HB	1:76:A:ARG:HA	16	0.41
(2,1249)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	12	0.41
(2,1249)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	12	0.41
(2,1249)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	12	0.41
(2,1052)	1:110:A:MET:HG2	1:114:A:ILE:HG13	16	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1052)	1:110:A:MET:HG3	1:114:A:ILE:HG13	16	0.41
(2,829)	1:69:A:MET:HE1	1:114:A:ILE:HD11	6	0.41
(2,829)	1:69:A:MET:HE1	1:114:A:ILE:HD12	6	0.41
(2,829)	1:69:A:MET:HE1	1:114:A:ILE:HD13	6	0.41
(2,829)	1:69:A:MET:HE2	1:114:A:ILE:HD11	6	0.41
(2,829)	1:69:A:MET:HE2	1:114:A:ILE:HD12	6	0.41
(2,829)	1:69:A:MET:HE2	1:114:A:ILE:HD13	6	0.41
(2,829)	1:69:A:MET:HE3	1:114:A:ILE:HD11	6	0.41
(2,829)	1:69:A:MET:HE3	1:114:A:ILE:HD12	6	0.41
(2,829)	1:69:A:MET:HE3	1:114:A:ILE:HD13	6	0.41
(2,661)	1:108:A:GLU:H	1:112:A:GLN:H	5	0.41
(2,617)	1:23:A:LEU:HD21	1:25:A:ALA:H	1	0.41
(2,617)	1:23:A:LEU:HD22	1:25:A:ALA:H	1	0.41
(2,617)	1:23:A:LEU:HD23	1:25:A:ALA:H	1	0.41
(2,538)	1:60:A:LEU:HD21	1:61:A:SER:H	11	0.41
(2,538)	1:60:A:LEU:HD22	1:61:A:SER:H	11	0.41
(2,538)	1:60:A:LEU:HD23	1:61:A:SER:H	11	0.41
(2,391)	1:105:A:LYS:HD2	1:106:A:ASP:H	2	0.41
(2,391)	1:105:A:LYS:HD3	1:106:A:ASP:H	2	0.41
(2,282)	1:50:A:ALA:H	1:52:A:CYS:H	14	0.41
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD11	18	0.41
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD12	18	0.41
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD13	18	0.41
(2,119)	1:79:A:THR:HA	1:80:A:TYR:H	8	0.41
(2,89)	1:96:A:VAL:H	1:97:A:ASP:H	1	0.41
(2,72)	1:54:A:ARG:H	1:54:A:ARG:HE	1	0.41
(1,2293)	1:105:A:LYS:H	1:105:A:LYS:HG2	10	0.41
(1,2293)	1:105:A:LYS:H	1:105:A:LYS:HG3	10	0.41
(1,2264)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	16	0.41
(1,2264)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	16	0.41
(1,2264)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	16	0.41
(1,2264)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	16	0.41
(1,2264)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	16	0.41
(1,2264)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	16	0.41
(1,2264)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	16	0.41
(1,2264)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	16	0.41
(1,2264)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	16	0.41
(1,2264)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	16	0.41
(1,2264)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	16	0.41
(1,2264)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	16	0.41
(1,2264)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	16	0.41
(1,2264)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	16	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2264)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	16	0.41
(1,2264)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	16	0.41
(1,2264)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	16	0.41
(1,2264)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	16	0.41
(1,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	9	0.41
(1,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	9	0.41
(1,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	9	0.41
(1,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	9	0.41
(1,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	9	0.41
(1,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	9	0.41
(1,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	9	0.41
(1,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	9	0.41
(1,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	9	0.41
(1,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	9	0.41
(1,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	9	0.41
(1,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	9	0.41
(1,2124)	1:40:A:LEU:HD11	1:43:A:MET:HG3	2	0.41
(1,2124)	1:40:A:LEU:HD12	1:43:A:MET:HG3	2	0.41
(1,2124)	1:40:A:LEU:HD13	1:43:A:MET:HG3	2	0.41
(1,2124)	1:40:A:LEU:HD21	1:43:A:MET:HG3	2	0.41
(1,2124)	1:40:A:LEU:HD22	1:43:A:MET:HG3	2	0.41
(1,2124)	1:40:A:LEU:HD23	1:43:A:MET:HG3	2	0.41
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD11	4	0.41
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD12	4	0.41
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD13	4	0.41
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD21	4	0.41
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD22	4	0.41
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD23	4	0.41
(1,2057)	1:31:A:PRO:HD2	1:144:A:LEU:HA	7	0.41
(1,2057)	1:31:A:PRO:HD3	1:144:A:LEU:HA	7	0.41
(1,1872)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	15	0.41
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	18	0.41
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	18	0.41
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	18	0.41
(1,1830)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	13	0.41
(1,1830)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	13	0.41
(1,1794)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	3	0.41
(1,1794)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	3	0.41
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE1	11	0.41
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE2	11	0.41
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE3	11	0.41
(1,1620)	1:73:A:ILE:HG21	1:76:A:ARG:H	17	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1620)	1:73:A:ILE:HG22	1:76:A:ARG:H	17	0.41
(1,1620)	1:73:A:ILE:HG23	1:76:A:ARG:H	17	0.41
(1,1598)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	15	0.41
(1,1598)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	15	0.41
(1,1598)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	15	0.41
(1,1507)	1:114:A:ILE:HG21	1:117:A:VAL:HB	3	0.41
(1,1507)	1:114:A:ILE:HG22	1:117:A:VAL:HB	3	0.41
(1,1507)	1:114:A:ILE:HG23	1:117:A:VAL:HB	3	0.41
(1,1488)	1:101:A:ILE:HG21	1:102:A:PRO:HA	19	0.41
(1,1488)	1:101:A:ILE:HG22	1:102:A:PRO:HA	19	0.41
(1,1488)	1:101:A:ILE:HG23	1:102:A:PRO:HA	19	0.41
(1,1472)	1:95:A:ILE:HG21	1:96:A:VAL:H	2	0.41
(1,1472)	1:95:A:ILE:HG22	1:96:A:VAL:H	2	0.41
(1,1472)	1:95:A:ILE:HG23	1:96:A:VAL:H	2	0.41
(1,1345)	1:125:A:THR:HG21	1:128:A:LEU:HB2	18	0.41
(1,1345)	1:125:A:THR:HG22	1:128:A:LEU:HB2	18	0.41
(1,1345)	1:125:A:THR:HG23	1:128:A:LEU:HB2	18	0.41
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	8	0.41
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	8	0.41
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	8	0.41
(1,1308)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	12	0.41
(1,1308)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	12	0.41
(1,1308)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	12	0.41
(1,1250)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	16	0.41
(1,1250)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	16	0.41
(1,1250)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	16	0.41
(1,1250)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	16	0.41
(1,1250)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	16	0.41
(1,1250)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	16	0.41
(1,1250)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	16	0.41
(1,1250)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	16	0.41
(1,1250)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	16	0.41
(1,988)	1:66:A:THR:HG21	1:96:A:VAL:HB	18	0.41
(1,988)	1:66:A:THR:HG22	1:96:A:VAL:HB	18	0.41
(1,988)	1:66:A:THR:HG23	1:96:A:VAL:HB	18	0.41
(1,972)	1:40:A:LEU:HA	1:43:A:MET:HG2	4	0.41
(1,939)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	15	0.41
(1,939)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	15	0.41
(1,939)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	15	0.41
(1,938)	1:41:A:LYS:HA	1:44:A:GLU:HG3	4	0.41
(1,919)	1:21:A:THR:HB	1:24:A:ASP:H	18	0.41
(1,905)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	15	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,905)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	15	0.41
(1,905)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	15	0.41
(1,554)	1:73:A:ILE:HD11	1:110:A:MET:H	1	0.41
(1,554)	1:73:A:ILE:HD12	1:110:A:MET:H	1	0.41
(1,554)	1:73:A:ILE:HD13	1:110:A:MET:H	1	0.41
(1,340)	1:57:A:LEU:H	1:58:A:ILE:HG13	1	0.41
(1,215)	1:101:A:ILE:H	1:102:A:PRO:HD3	19	0.41
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB1	13	0.41
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB2	13	0.41
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB3	13	0.41
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB1	17	0.41
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB2	17	0.41
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB3	17	0.41
(1,169)	1:50:A:ALA:HB1	1:127:A:CYS:H	16	0.41
(1,169)	1:50:A:ALA:HB2	1:127:A:CYS:H	16	0.41
(1,169)	1:50:A:ALA:HB3	1:127:A:CYS:H	16	0.41
(1,32)	1:35:A:LEU:H	1:35:A:LEU:HG	9	0.41
(34,2479)	1:141:A:LYS:H	1:148:A:CYS:HB2	8	0.4
(34,2479)	1:141:A:LYS:H	1:148:A:CYS:HB3	8	0.4
(34,2458)	1:138:A:ASP:HB2	1:139:A:LEU:HD11	13	0.4
(34,2458)	1:138:A:ASP:HB2	1:139:A:LEU:HD12	13	0.4
(34,2458)	1:138:A:ASP:HB2	1:139:A:LEU:HD13	13	0.4
(34,2458)	1:138:A:ASP:HB2	1:139:A:LEU:HD21	13	0.4
(34,2458)	1:138:A:ASP:HB2	1:139:A:LEU:HD22	13	0.4
(34,2458)	1:138:A:ASP:HB2	1:139:A:LEU:HD23	13	0.4
(34,2458)	1:138:A:ASP:HB3	1:139:A:LEU:HD11	13	0.4
(34,2458)	1:138:A:ASP:HB3	1:139:A:LEU:HD12	13	0.4
(34,2458)	1:138:A:ASP:HB3	1:139:A:LEU:HD13	13	0.4
(34,2458)	1:138:A:ASP:HB3	1:139:A:LEU:HD21	13	0.4
(34,2458)	1:138:A:ASP:HB3	1:139:A:LEU:HD22	13	0.4
(34,2458)	1:138:A:ASP:HB3	1:139:A:LEU:HD23	13	0.4
(34,2450)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	3	0.4
(34,2450)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	3	0.4
(34,2450)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	3	0.4
(34,2450)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	3	0.4
(34,2450)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	3	0.4
(34,2450)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	3	0.4
(34,2450)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	3	0.4
(34,2450)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	3	0.4
(34,2450)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	3	0.4
(34,2450)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	3	0.4
(34,2450)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	3	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2450)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	3	0.4
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG11	1	0.4
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG12	1	0.4
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG13	1	0.4
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG21	1	0.4
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG22	1	0.4
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG23	1	0.4
(34,2333)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	1	0.4
(34,2333)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	1	0.4
(34,2333)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	1	0.4
(34,2333)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	1	0.4
(34,2333)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	1	0.4
(34,2333)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	1	0.4
(34,2333)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	1	0.4
(34,2333)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	1	0.4
(34,2333)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	1	0.4
(34,2333)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	1	0.4
(34,2333)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	1	0.4
(34,2333)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	1	0.4
(34,2333)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	17	0.4
(34,2333)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	17	0.4
(34,2333)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	17	0.4
(34,2333)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	17	0.4
(34,2333)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	17	0.4
(34,2333)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	17	0.4
(34,2333)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	17	0.4
(34,2333)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	17	0.4
(34,2333)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	17	0.4
(34,2333)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	17	0.4
(34,2333)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	17	0.4
(34,2333)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	17	0.4
(34,2277)	1:79:A:THR:HG21	1:81:A:GLU:HB2	17	0.4
(34,2277)	1:79:A:THR:HG21	1:81:A:GLU:HB3	17	0.4
(34,2277)	1:79:A:THR:HG22	1:81:A:GLU:HB2	17	0.4
(34,2277)	1:79:A:THR:HG22	1:81:A:GLU:HB3	17	0.4
(34,2277)	1:79:A:THR:HG23	1:81:A:GLU:HB2	17	0.4
(34,2277)	1:79:A:THR:HG23	1:81:A:GLU:HB3	17	0.4
(34,2241)	1:69:A:MET:HG2	1:109:A:PRO:HA	5	0.4
(34,2241)	1:69:A:MET:HG3	1:109:A:PRO:HA	5	0.4
(34,2146)	1:42:A:GLU:H	1:139:A:LEU:HD11	17	0.4
(34,2146)	1:42:A:GLU:H	1:139:A:LEU:HD12	17	0.4
(34,2146)	1:42:A:GLU:H	1:139:A:LEU:HD13	17	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2146)	1:42:A:GLU:H	1:139:A:LEU:HD21	17	0.4
(34,2146)	1:42:A:GLU:H	1:139:A:LEU:HD22	17	0.4
(34,2146)	1:42:A:GLU:H	1:139:A:LEU:HD23	17	0.4
(34,2140)	1:40:A:LEU:HD11	1:44:A:GLU:H	11	0.4
(34,2140)	1:40:A:LEU:HD12	1:44:A:GLU:H	11	0.4
(34,2140)	1:40:A:LEU:HD13	1:44:A:GLU:H	11	0.4
(34,2140)	1:40:A:LEU:HD21	1:44:A:GLU:H	11	0.4
(34,2140)	1:40:A:LEU:HD22	1:44:A:GLU:H	11	0.4
(34,2140)	1:40:A:LEU:HD23	1:44:A:GLU:H	11	0.4
(34,2043)	1:22:A:ASP:H	1:23:A:LEU:HD11	3	0.4
(34,2043)	1:22:A:ASP:H	1:23:A:LEU:HD12	3	0.4
(34,2043)	1:22:A:ASP:H	1:23:A:LEU:HD13	3	0.4
(34,2043)	1:22:A:ASP:H	1:23:A:LEU:HD21	3	0.4
(34,2043)	1:22:A:ASP:H	1:23:A:LEU:HD22	3	0.4
(34,2043)	1:22:A:ASP:H	1:23:A:LEU:HD23	3	0.4
(34,2032)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	17	0.4
(34,2032)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	17	0.4
(34,2032)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	17	0.4
(34,2032)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	17	0.4
(34,2032)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	17	0.4
(34,2032)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	17	0.4
(34,2032)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	17	0.4
(34,2032)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	17	0.4
(34,2032)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	17	0.4
(34,2032)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	17	0.4
(34,2032)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	17	0.4
(34,2032)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	17	0.4
(34,1976)	1:12:A:VAL:HG11	1:43:A:MET:HE1	6	0.4
(34,1976)	1:12:A:VAL:HG11	1:43:A:MET:HE2	6	0.4
(34,1976)	1:12:A:VAL:HG11	1:43:A:MET:HE3	6	0.4
(34,1976)	1:12:A:VAL:HG12	1:43:A:MET:HE1	6	0.4
(34,1976)	1:12:A:VAL:HG12	1:43:A:MET:HE2	6	0.4
(34,1976)	1:12:A:VAL:HG12	1:43:A:MET:HE3	6	0.4
(34,1976)	1:12:A:VAL:HG13	1:43:A:MET:HE1	6	0.4
(34,1976)	1:12:A:VAL:HG13	1:43:A:MET:HE2	6	0.4
(34,1976)	1:12:A:VAL:HG13	1:43:A:MET:HE3	6	0.4
(34,1976)	1:12:A:VAL:HG21	1:43:A:MET:HE1	6	0.4
(34,1976)	1:12:A:VAL:HG21	1:43:A:MET:HE2	6	0.4
(34,1976)	1:12:A:VAL:HG21	1:43:A:MET:HE3	6	0.4
(34,1976)	1:12:A:VAL:HG22	1:43:A:MET:HE1	6	0.4
(34,1976)	1:12:A:VAL:HG22	1:43:A:MET:HE2	6	0.4
(34,1976)	1:12:A:VAL:HG22	1:43:A:MET:HE3	6	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1976)	1:12:A:VAL:HG23	1:43:A:MET:HE1	6	0.4
(34,1976)	1:12:A:VAL:HG23	1:43:A:MET:HE2	6	0.4
(34,1976)	1:12:A:VAL:HG23	1:43:A:MET:HE3	6	0.4
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	6	0.4
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	6	0.4
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	6	0.4
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	6	0.4
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	6	0.4
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	6	0.4
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	6	0.4
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	6	0.4
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	6	0.4
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	6	0.4
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	6	0.4
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	6	0.4
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	6	0.4
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	6	0.4
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	6	0.4
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	6	0.4
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	6	0.4
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	6	0.4
(34,1952)	1:10:A:ASN:HD21	1:12:A:VAL:HG11	3	0.4
(34,1952)	1:10:A:ASN:HD21	1:12:A:VAL:HG12	3	0.4
(34,1952)	1:10:A:ASN:HD21	1:12:A:VAL:HG13	3	0.4
(34,1952)	1:10:A:ASN:HD21	1:12:A:VAL:HG21	3	0.4
(34,1952)	1:10:A:ASN:HD21	1:12:A:VAL:HG22	3	0.4
(34,1952)	1:10:A:ASN:HD21	1:12:A:VAL:HG23	3	0.4
(34,1928)	1:14:A:VAL:HB	1:18:A:PHE:HZ	15	0.4
(34,1661)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	6	0.4
(34,1661)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	6	0.4
(34,1661)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	6	0.4
(34,1658)	1:97:A:ASP:HB2	1:102:A:PRO:HA	14	0.4
(34,1658)	1:97:A:ASP:HB3	1:102:A:PRO:HA	14	0.4
(34,1530)	1:69:A:MET:HE1	1:110:A:MET:H	17	0.4
(34,1530)	1:69:A:MET:HE2	1:110:A:MET:H	17	0.4
(34,1530)	1:69:A:MET:HE3	1:110:A:MET:H	17	0.4
(34,1496)	1:101:A:ILE:HG21	1:102:A:PRO:HA	5	0.4
(34,1496)	1:101:A:ILE:HG22	1:102:A:PRO:HA	5	0.4
(34,1496)	1:101:A:ILE:HG23	1:102:A:PRO:HA	5	0.4
(34,1477)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	7	0.4
(34,1477)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	7	0.4
(34,1477)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	7	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1446)	1:50:A:ALA:HB1	1:127:A:CYS:HA	5	0.4
(34,1446)	1:50:A:ALA:HB2	1:127:A:CYS:HA	5	0.4
(34,1446)	1:50:A:ALA:HB3	1:127:A:CYS:HA	5	0.4
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	1	0.4
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	1	0.4
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	1	0.4
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	1	0.4
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	1	0.4
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	1	0.4
(34,1364)	1:125:A:THR:HG21	1:128:A:LEU:HB2	7	0.4
(34,1364)	1:125:A:THR:HG22	1:128:A:LEU:HB2	7	0.4
(34,1364)	1:125:A:THR:HG23	1:128:A:LEU:HB2	7	0.4
(34,1362)	1:17:A:ASN:HA	1:76:A:ARG:HA	9	0.4
(34,1357)	1:103:A:ARG:HG2	1:106:A:ASP:HA	18	0.4
(34,1357)	1:103:A:ARG:HG3	1:106:A:ASP:HA	18	0.4
(34,1248)	1:34:A:LYS:H	1:81:A:GLU:HA	18	0.4
(34,1114)	1:138:A:ASP:HA	1:141:A:LYS:HA	14	0.4
(34,988)	1:138:A:ASP:HA	1:141:A:LYS:HB2	18	0.4
(34,988)	1:138:A:ASP:HA	1:141:A:LYS:HB3	18	0.4
(34,947)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	14	0.4
(34,947)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	14	0.4
(34,947)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	14	0.4
(34,947)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	14	0.4
(34,911)	1:94:A:ALA:HA	1:95:A:ILE:HB	19	0.4
(34,888)	1:138:A:ASP:HB2	1:141:A:LYS:HB2	7	0.4
(34,888)	1:138:A:ASP:HB2	1:141:A:LYS:HB3	7	0.4
(34,888)	1:138:A:ASP:HB3	1:141:A:LYS:HB2	7	0.4
(34,888)	1:138:A:ASP:HB3	1:141:A:LYS:HB3	7	0.4
(34,827)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	14	0.4
(34,827)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	14	0.4
(34,827)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	14	0.4
(34,827)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	14	0.4
(34,827)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	14	0.4
(34,827)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	14	0.4
(34,795)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	6	0.4
(34,795)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	6	0.4
(34,795)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	6	0.4
(34,795)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	6	0.4
(34,795)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	6	0.4
(34,795)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	6	0.4
(34,795)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	9	0.4
(34,795)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	9	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,795)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	9	0.4
(34,795)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	9	0.4
(34,795)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	9	0.4
(34,795)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	9	0.4
(34,538)	1:74:A:PRO:HA	1:77:A:CYS:H	11	0.4
(34,331)	1:46:A:ASN:H	1:48:A:ARG:HB2	15	0.4
(34,331)	1:46:A:ASN:H	1:48:A:ARG:HB3	15	0.4
(34,35)	1:96:A:VAL:H	1:97:A:ASP:HB2	6	0.4
(34,35)	1:96:A:VAL:H	1:97:A:ASP:HB3	6	0.4
(34,17)	1:94:A:ALA:H	1:94:A:ALA:HB1	18	0.4
(34,17)	1:94:A:ALA:H	1:94:A:ALA:HB2	18	0.4
(34,17)	1:94:A:ALA:H	1:94:A:ALA:HB3	18	0.4
(34,9)	1:64:A:LYS:H	1:116:A:GLN:HE22	7	0.4
(33,2477)	1:141:A:LYS:H	1:148:A:CYS:HB2	8	0.4
(33,2477)	1:141:A:LYS:H	1:148:A:CYS:HB3	8	0.4
(33,2416)	1:127:A:CYS:H	1:129:A:LYS:HG2	19	0.4
(33,2416)	1:127:A:CYS:H	1:129:A:LYS:HG3	19	0.4
(33,2263)	1:70:A:LYS:HG2	1:71:A:LYS:H	12	0.4
(33,2263)	1:70:A:LYS:HG3	1:71:A:LYS:H	12	0.4
(33,2229)	1:65:A:CYS:HB2	1:69:A:MET:HG2	2	0.4
(33,2229)	1:65:A:CYS:HB2	1:69:A:MET:HG3	2	0.4
(33,2229)	1:65:A:CYS:HB3	1:69:A:MET:HG2	2	0.4
(33,2229)	1:65:A:CYS:HB3	1:69:A:MET:HG3	2	0.4
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD11	7	0.4
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD12	7	0.4
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD13	7	0.4
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD21	7	0.4
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD22	7	0.4
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD23	7	0.4
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD11	18	0.4
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD12	18	0.4
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD13	18	0.4
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD21	18	0.4
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD22	18	0.4
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD23	18	0.4
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	3	0.4
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	3	0.4
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	3	0.4
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	3	0.4
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	3	0.4
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	3	0.4
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	3	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	3	0.4
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	3	0.4
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	3	0.4
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	3	0.4
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	3	0.4
(33,2019)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	7	0.4
(33,2019)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	7	0.4
(33,2019)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	7	0.4
(33,2019)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	7	0.4
(33,2019)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	7	0.4
(33,2019)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	7	0.4
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE1	12	0.4
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE2	12	0.4
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE3	12	0.4
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE1	12	0.4
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE2	12	0.4
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE3	12	0.4
(33,1937)	1:10:A:ASN:HB2	1:61:A:SER:HA	15	0.4
(33,1937)	1:10:A:ASN:HB3	1:61:A:SER:HA	15	0.4
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	17	0.4
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	17	0.4
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	17	0.4
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	17	0.4
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	17	0.4
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	17	0.4
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	17	0.4
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	17	0.4
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	17	0.4
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	17	0.4
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	17	0.4
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	17	0.4
(33,1913)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	15	0.4
(33,1846)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	11	0.4
(33,1846)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	11	0.4
(33,1846)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	11	0.4
(33,1846)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	11	0.4
(33,1846)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	11	0.4
(33,1846)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	11	0.4
(33,1835)	1:61:A:SER:H	1:62:A:HIS:HD2	19	0.4
(33,1795)	1:9:A:PHE:HD1	1:11:A:ILE:HB	4	0.4
(33,1795)	1:9:A:PHE:HD2	1:11:A:ILE:HB	4	0.4
(33,1755)	1:43:A:MET:H	1:140:A:LEU:HD11	2	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1755)	1:43:A:MET:H	1:140:A:LEU:HD12	2	0.4
(33,1755)	1:43:A:MET:H	1:140:A:LEU:HD13	2	0.4
(33,1735)	1:105:A:LYS:HG3	1:106:A:ASP:HA	10	0.4
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD21	11	0.4
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD22	11	0.4
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD23	11	0.4
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG21	9	0.4
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG22	9	0.4
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG23	9	0.4
(33,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG21	19	0.4
(33,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG22	19	0.4
(33,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG23	19	0.4
(33,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG21	19	0.4
(33,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG22	19	0.4
(33,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG23	19	0.4
(33,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG21	19	0.4
(33,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG22	19	0.4
(33,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG23	19	0.4
(33,1701)	1:141:A:LYS:HA	1:145:A:PRO:HD3	14	0.4
(33,1701)	1:141:A:LYS:HA	1:145:A:PRO:HD3	16	0.4
(33,1686)	1:11:A:ILE:HG12	1:57:A:LEU:HB3	18	0.4
(33,1644)	1:134:A:VAL:HG21	1:137:A:SER:H	13	0.4
(33,1644)	1:134:A:VAL:HG22	1:137:A:SER:H	13	0.4
(33,1644)	1:134:A:VAL:HG23	1:137:A:SER:H	13	0.4
(33,1633)	1:97:A:ASP:HB2	1:102:A:PRO:HA	14	0.4
(33,1633)	1:97:A:ASP:HB3	1:102:A:PRO:HA	14	0.4
(33,1470)	1:95:A:ILE:HG21	1:97:A:ASP:H	15	0.4
(33,1470)	1:95:A:ILE:HG22	1:97:A:ASP:H	15	0.4
(33,1470)	1:95:A:ILE:HG23	1:97:A:ASP:H	15	0.4
(33,1394)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	7	0.4
(33,1394)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	7	0.4
(33,1394)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	7	0.4
(33,1394)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	7	0.4
(33,1394)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	7	0.4
(33,1394)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	7	0.4
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG11	17	0.4
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG12	17	0.4
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG13	17	0.4
(33,1277)	1:15:A:ALA:HA	1:19:A:ALA:H	2	0.4
(33,1192)	1:100:A:ALA:HB1	1:119:A:LEU:HD21	8	0.4
(33,1192)	1:100:A:ALA:HB1	1:119:A:LEU:HD22	8	0.4
(33,1192)	1:100:A:ALA:HB1	1:119:A:LEU:HD23	8	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1192)	1:100:A:ALA:HB2	1:119:A:LEU:HD21	8	0.4
(33,1192)	1:100:A:ALA:HB2	1:119:A:LEU:HD22	8	0.4
(33,1192)	1:100:A:ALA:HB2	1:119:A:LEU:HD23	8	0.4
(33,1192)	1:100:A:ALA:HB3	1:119:A:LEU:HD21	8	0.4
(33,1192)	1:100:A:ALA:HB3	1:119:A:LEU:HD22	8	0.4
(33,1192)	1:100:A:ALA:HB3	1:119:A:LEU:HD23	8	0.4
(33,1030)	1:41:A:LYS:HA	1:44:A:GLU:HB2	7	0.4
(33,1030)	1:41:A:LYS:HA	1:44:A:GLU:HB3	7	0.4
(33,991)	1:104:A:PHE:H	1:105:A:LYS:HB2	9	0.4
(33,991)	1:104:A:PHE:H	1:105:A:LYS:HB3	9	0.4
(33,934)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	14	0.4
(33,934)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	14	0.4
(33,934)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	14	0.4
(33,934)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	14	0.4
(33,886)	1:138:A:ASP:HB2	1:141:A:LYS:HB2	7	0.4
(33,886)	1:138:A:ASP:HB2	1:141:A:LYS:HB3	7	0.4
(33,886)	1:138:A:ASP:HB3	1:141:A:LYS:HB2	7	0.4
(33,886)	1:138:A:ASP:HB3	1:141:A:LYS:HB3	7	0.4
(33,874)	1:56:A:CYS:H	1:122:A:ASP:HB2	16	0.4
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	2	0.4
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	2	0.4
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	2	0.4
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	2	0.4
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	2	0.4
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	2	0.4
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	2	0.4
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	2	0.4
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	2	0.4
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	8	0.4
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	8	0.4
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	8	0.4
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	8	0.4
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	8	0.4
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	8	0.4
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	8	0.4
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	8	0.4
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	8	0.4
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	14	0.4
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	14	0.4
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	14	0.4
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	14	0.4
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	14	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	14	0.4
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	14	0.4
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	14	0.4
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	14	0.4
(33,747)	1:105:A:LYS:HG3	1:112:A:GLN:HE21	11	0.4
(33,747)	1:105:A:LYS:HG3	1:112:A:GLN:HE21	18	0.4
(33,573)	1:16:A:SER:H	1:131:A:LEU:HB3	9	0.4
(33,523)	1:74:A:PRO:HA	1:77:A:CYS:H	11	0.4
(33,345)	1:122:A:ASP:HB2	1:123:A:CYS:H	12	0.4
(33,345)	1:122:A:ASP:HB2	1:123:A:CYS:H	14	0.4
(33,323)	1:46:A:ASN:H	1:48:A:ARG:HB2	15	0.4
(33,323)	1:46:A:ASN:H	1:48:A:ARG:HB3	15	0.4
(33,284)	1:117:A:VAL:HB	1:118:A:ASP:H	15	0.4
(33,58)	1:98:A:ILE:H	1:101:A:ILE:HG13	11	0.4
(33,36)	1:95:A:ILE:HB	1:96:A:VAL:H	13	0.4
(33,13)	1:64:A:LYS:H	1:116:A:GLN:HG3	2	0.4
(32,2471)	1:141:A:LYS:H	1:148:A:CYS:HB2	8	0.4
(32,2471)	1:141:A:LYS:H	1:148:A:CYS:HB3	8	0.4
(32,2365)	1:116:A:GLN:HG2	1:117:A:VAL:HA	19	0.4
(32,2365)	1:116:A:GLN:HG3	1:117:A:VAL:HA	19	0.4
(32,2292)	1:97:A:ASP:HA	1:105:A:LYS:HG2	16	0.4
(32,2292)	1:97:A:ASP:HA	1:105:A:LYS:HG3	16	0.4
(32,2271)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	10	0.4
(32,2271)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	10	0.4
(32,2252)	1:70:A:LYS:HG2	1:71:A:LYS:H	11	0.4
(32,2252)	1:70:A:LYS:HG3	1:71:A:LYS:H	11	0.4
(32,2224)	1:65:A:CYS:HB2	1:69:A:MET:HG2	2	0.4
(32,2224)	1:65:A:CYS:HB2	1:69:A:MET:HG3	2	0.4
(32,2224)	1:65:A:CYS:HB3	1:69:A:MET:HG2	2	0.4
(32,2224)	1:65:A:CYS:HB3	1:69:A:MET:HG3	2	0.4
(32,2197)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	16	0.4
(32,2197)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	16	0.4
(32,2197)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	16	0.4
(32,2197)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	16	0.4
(32,2197)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	16	0.4
(32,2197)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	16	0.4
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD11	18	0.4
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD12	18	0.4
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD13	18	0.4
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD21	18	0.4
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD22	18	0.4
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD23	18	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2044)	1:34:A:LYS:H	1:81:A:GLU:HB2	9	0.4
(32,2044)	1:34:A:LYS:H	1:81:A:GLU:HB3	9	0.4
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD11	14	0.4
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD12	14	0.4
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD13	14	0.4
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD21	14	0.4
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD22	14	0.4
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD23	14	0.4
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD11	14	0.4
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD12	14	0.4
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD13	14	0.4
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD21	14	0.4
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD22	14	0.4
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD23	14	0.4
(32,1955)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	19	0.4
(32,1955)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	19	0.4
(32,1955)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	19	0.4
(32,1955)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	19	0.4
(32,1955)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	19	0.4
(32,1955)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	19	0.4
(32,1908)	1:10:A:ASN:HB2	1:61:A:SER:HA	15	0.4
(32,1908)	1:10:A:ASN:HB3	1:61:A:SER:HA	15	0.4
(32,1884)	1:14:A:VAL:HB	1:18:A:PHE:HZ	15	0.4
(32,1843)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	13	0.4
(32,1843)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	13	0.4
(32,1787)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	5	0.4
(32,1787)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	5	0.4
(32,1787)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	5	0.4
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG21	9	0.4
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG22	9	0.4
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG23	9	0.4
(32,1602)	1:97:A:ASP:HB2	1:102:A:PRO:HA	14	0.4
(32,1602)	1:97:A:ASP:HB3	1:102:A:PRO:HA	14	0.4
(32,1475)	1:69:A:MET:HE1	1:110:A:MET:H	17	0.4
(32,1475)	1:69:A:MET:HE2	1:110:A:MET:H	17	0.4
(32,1475)	1:69:A:MET:HE3	1:110:A:MET:H	17	0.4
(32,1421)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	15	0.4
(32,1421)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	15	0.4
(32,1421)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	15	0.4
(32,1363)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	7	0.4
(32,1363)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	7	0.4
(32,1363)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	7	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1363)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	7	0.4
(32,1363)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	7	0.4
(32,1363)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	7	0.4
(32,1190)	1:34:A:LYS:H	1:81:A:GLU:HA	18	0.4
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	12	0.4
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	12	0.4
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	12	0.4
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	12	0.4
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	12	0.4
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	12	0.4
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	12	0.4
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	12	0.4
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	12	0.4
(32,799)	1:98:A:ILE:HD11	1:101:A:ILE:HB	7	0.4
(32,799)	1:98:A:ILE:HD12	1:101:A:ILE:HB	7	0.4
(32,799)	1:98:A:ILE:HD13	1:101:A:ILE:HB	7	0.4
(32,797)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	6	0.4
(32,797)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	6	0.4
(32,797)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	6	0.4
(32,699)	1:9:A:PHE:HD1	1:54:A:ARG:HE	14	0.4
(32,699)	1:9:A:PHE:HD2	1:54:A:ARG:HE	14	0.4
(32,511)	1:74:A:PRO:HA	1:77:A:CYS:H	11	0.4
(32,335)	1:122:A:ASP:HB2	1:123:A:CYS:H	12	0.4
(32,335)	1:122:A:ASP:HB2	1:123:A:CYS:H	14	0.4
(32,311)	1:46:A:ASN:H	1:48:A:ARG:HB2	15	0.4
(32,311)	1:46:A:ASN:H	1:48:A:ARG:HB3	15	0.4
(32,280)	1:117:A:VAL:HB	1:118:A:ASP:H	15	0.4
(32,254)	1:39:A:VAL:H	1:39:A:VAL:HB	1	0.4
(32,254)	1:39:A:VAL:H	1:39:A:VAL:HB	14	0.4
(32,15)	1:94:A:ALA:H	1:94:A:ALA:HB1	18	0.4
(32,15)	1:94:A:ALA:H	1:94:A:ALA:HB2	18	0.4
(32,15)	1:94:A:ALA:H	1:94:A:ALA:HB3	18	0.4
(30,2456)	1:140:A:LEU:HD11	1:143:A:TRP:HD1	13	0.4
(30,2456)	1:140:A:LEU:HD12	1:143:A:TRP:HD1	13	0.4
(30,2456)	1:140:A:LEU:HD13	1:143:A:TRP:HD1	13	0.4
(30,2456)	1:140:A:LEU:HD21	1:143:A:TRP:HD1	13	0.4
(30,2456)	1:140:A:LEU:HD22	1:143:A:TRP:HD1	13	0.4
(30,2456)	1:140:A:LEU:HD23	1:143:A:TRP:HD1	13	0.4
(30,2426)	1:136:A:CYS:HB2	1:141:A:LYS:HA	13	0.4
(30,2426)	1:136:A:CYS:HB3	1:141:A:LYS:HA	13	0.4
(30,2345)	1:107:A:LEU:HD11	1:112:A:GLN:H	1	0.4
(30,2345)	1:107:A:LEU:HD12	1:112:A:GLN:H	1	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2345)	1:107:A:LEU:HD13	1:112:A:GLN:H	1	0.4
(30,2345)	1:107:A:LEU:HD21	1:112:A:GLN:H	1	0.4
(30,2345)	1:107:A:LEU:HD22	1:112:A:GLN:H	1	0.4
(30,2345)	1:107:A:LEU:HD23	1:112:A:GLN:H	1	0.4
(30,2229)	1:65:A:CYS:HB2	1:69:A:MET:HG2	2	0.4
(30,2229)	1:65:A:CYS:HB2	1:69:A:MET:HG3	2	0.4
(30,2229)	1:65:A:CYS:HB3	1:69:A:MET:HG2	2	0.4
(30,2229)	1:65:A:CYS:HB3	1:69:A:MET:HG3	2	0.4
(30,2028)	1:22:A:ASP:H	1:23:A:LEU:HD11	3	0.4
(30,2028)	1:22:A:ASP:H	1:23:A:LEU:HD12	3	0.4
(30,2028)	1:22:A:ASP:H	1:23:A:LEU:HD13	3	0.4
(30,2028)	1:22:A:ASP:H	1:23:A:LEU:HD21	3	0.4
(30,2028)	1:22:A:ASP:H	1:23:A:LEU:HD22	3	0.4
(30,2028)	1:22:A:ASP:H	1:23:A:LEU:HD23	3	0.4
(30,2025)	1:18:A:PHE:HZ	1:131:A:LEU:HD11	9	0.4
(30,2025)	1:18:A:PHE:HZ	1:131:A:LEU:HD12	9	0.4
(30,2025)	1:18:A:PHE:HZ	1:131:A:LEU:HD13	9	0.4
(30,2025)	1:18:A:PHE:HZ	1:131:A:LEU:HD21	9	0.4
(30,2025)	1:18:A:PHE:HZ	1:131:A:LEU:HD22	9	0.4
(30,2025)	1:18:A:PHE:HZ	1:131:A:LEU:HD23	9	0.4
(30,1921)	1:14:A:VAL:HB	1:18:A:PHE:HZ	15	0.4
(30,1920)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	15	0.4
(30,1920)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	15	0.4
(30,1874)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	1	0.4
(30,1874)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	1	0.4
(30,1874)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	1	0.4
(30,1874)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	1	0.4
(30,1874)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	1	0.4
(30,1874)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	1	0.4
(30,1823)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	5	0.4
(30,1823)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	5	0.4
(30,1823)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	5	0.4
(30,1807)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	6	0.4
(30,1807)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	6	0.4
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD21	5	0.4
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD22	5	0.4
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD23	5	0.4
(30,1710)	1:141:A:LYS:HA	1:145:A:PRO:HD3	13	0.4
(30,1513)	1:69:A:MET:HE1	1:110:A:MET:H	17	0.4
(30,1513)	1:69:A:MET:HE2	1:110:A:MET:H	17	0.4
(30,1513)	1:69:A:MET:HE3	1:110:A:MET:H	17	0.4
(30,1479)	1:101:A:ILE:HG21	1:102:A:PRO:HA	5	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1479)	1:101:A:ILE:HG22	1:102:A:PRO:HA	5	0.4
(30,1479)	1:101:A:ILE:HG23	1:102:A:PRO:HA	5	0.4
(30,1333)	1:103:A:ARG:HG2	1:106:A:ASP:HA	18	0.4
(30,1333)	1:103:A:ARG:HG3	1:106:A:ASP:HA	18	0.4
(30,1219)	1:34:A:LYS:H	1:81:A:GLU:HA	18	0.4
(30,1184)	1:100:A:ALA:HB1	1:119:A:LEU:HD21	8	0.4
(30,1184)	1:100:A:ALA:HB1	1:119:A:LEU:HD22	8	0.4
(30,1184)	1:100:A:ALA:HB1	1:119:A:LEU:HD23	8	0.4
(30,1184)	1:100:A:ALA:HB2	1:119:A:LEU:HD21	8	0.4
(30,1184)	1:100:A:ALA:HB2	1:119:A:LEU:HD22	8	0.4
(30,1184)	1:100:A:ALA:HB2	1:119:A:LEU:HD23	8	0.4
(30,1184)	1:100:A:ALA:HB3	1:119:A:LEU:HD21	8	0.4
(30,1184)	1:100:A:ALA:HB3	1:119:A:LEU:HD22	8	0.4
(30,1184)	1:100:A:ALA:HB3	1:119:A:LEU:HD23	8	0.4
(30,1176)	1:106:A:ASP:H	1:107:A:LEU:HD21	17	0.4
(30,1176)	1:106:A:ASP:H	1:107:A:LEU:HD22	17	0.4
(30,1176)	1:106:A:ASP:H	1:107:A:LEU:HD23	17	0.4
(30,1018)	1:41:A:LYS:HA	1:44:A:GLU:HB2	7	0.4
(30,1018)	1:41:A:LYS:HA	1:44:A:GLU:HB3	7	0.4
(30,924)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	14	0.4
(30,924)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	14	0.4
(30,893)	1:20:A:THR:H	1:21:A:THR:HB	8	0.4
(30,796)	1:55:A:GLY:H	1:58:A:ILE:HD11	17	0.4
(30,796)	1:55:A:GLY:H	1:58:A:ILE:HD12	17	0.4
(30,796)	1:55:A:GLY:H	1:58:A:ILE:HD13	17	0.4
(30,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	6	0.4
(30,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	6	0.4
(30,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	6	0.4
(30,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	6	0.4
(30,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	6	0.4
(30,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	6	0.4
(30,714)	1:9:A:PHE:HD1	1:54:A:ARG:HE	14	0.4
(30,714)	1:9:A:PHE:HD2	1:54:A:ARG:HE	14	0.4
(30,324)	1:46:A:ASN:H	1:48:A:ARG:HB2	15	0.4
(30,324)	1:46:A:ASN:H	1:48:A:ARG:HB3	15	0.4
(30,288)	1:117:A:VAL:HB	1:118:A:ASP:H	15	0.4
(30,92)	1:96:A:VAL:H	1:97:A:ASP:H	8	0.4
(30,92)	1:96:A:VAL:H	1:97:A:ASP:H	19	0.4
(30,39)	1:43:A:MET:HA	1:47:A:ALA:H	15	0.4
(29,2425)	1:141:A:LYS:H	1:148:A:CYS:HB2	8	0.4
(29,2425)	1:141:A:LYS:H	1:148:A:CYS:HB3	8	0.4
(29,2238)	1:69:A:MET:HG2	1:70:A:LYS:HG2	4	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2238)	1:69:A:MET:HG3	1:70:A:LYS:HG2	4	0.4
(29,2224)	1:65:A:CYS:HB2	1:69:A:MET:HG2	2	0.4
(29,2224)	1:65:A:CYS:HB2	1:69:A:MET:HG3	2	0.4
(29,2224)	1:65:A:CYS:HB3	1:69:A:MET:HG2	2	0.4
(29,2224)	1:65:A:CYS:HB3	1:69:A:MET:HG3	2	0.4
(29,2149)	1:42:A:GLU:H	1:139:A:LEU:HD11	17	0.4
(29,2149)	1:42:A:GLU:H	1:139:A:LEU:HD12	17	0.4
(29,2149)	1:42:A:GLU:H	1:139:A:LEU:HD13	17	0.4
(29,2149)	1:42:A:GLU:H	1:139:A:LEU:HD21	17	0.4
(29,2149)	1:42:A:GLU:H	1:139:A:LEU:HD22	17	0.4
(29,2149)	1:42:A:GLU:H	1:139:A:LEU:HD23	17	0.4
(29,2051)	1:22:A:ASP:H	1:23:A:LEU:HD11	3	0.4
(29,2051)	1:22:A:ASP:H	1:23:A:LEU:HD12	3	0.4
(29,2051)	1:22:A:ASP:H	1:23:A:LEU:HD13	3	0.4
(29,2051)	1:22:A:ASP:H	1:23:A:LEU:HD21	3	0.4
(29,2051)	1:22:A:ASP:H	1:23:A:LEU:HD22	3	0.4
(29,2051)	1:22:A:ASP:H	1:23:A:LEU:HD23	3	0.4
(29,2035)	1:17:A:ASN:HB2	1:76:A:ARG:HA	19	0.4
(29,2035)	1:17:A:ASN:HB3	1:76:A:ARG:HA	19	0.4
(29,2021)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	12	0.4
(29,2021)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	12	0.4
(29,2021)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	12	0.4
(29,2021)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	12	0.4
(29,2021)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	12	0.4
(29,2021)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	12	0.4
(29,2021)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	12	0.4
(29,2021)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	12	0.4
(29,2021)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	12	0.4
(29,2021)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	12	0.4
(29,2021)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	12	0.4
(29,2021)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	12	0.4
(29,2021)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	12	0.4
(29,2021)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	12	0.4
(29,2021)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	12	0.4
(29,2021)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	12	0.4
(29,2021)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	12	0.4
(29,2021)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	12	0.4
(29,2021)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	12	0.4
(29,2021)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	12	0.4
(29,2021)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	12	0.4
(29,2021)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	12	0.4
(29,2021)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	12	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2021)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	12	0.4
(29,2021)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	12	0.4
(29,2021)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	12	0.4
(29,2021)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	12	0.4
(29,2021)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	12	0.4
(29,2021)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	12	0.4
(29,2021)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	12	0.4
(29,2021)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	12	0.4
(29,2021)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	12	0.4
(29,2021)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	12	0.4
(29,2021)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	12	0.4
(29,2021)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	12	0.4
(29,2021)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	12	0.4
(29,1938)	1:14:A:VAL:HB	1:18:A:PHE:HZ	15	0.4
(29,1659)	1:97:A:ASP:HB2	1:102:A:PRO:HA	14	0.4
(29,1659)	1:97:A:ASP:HB3	1:102:A:PRO:HA	14	0.4
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE1	12	0.4
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE2	12	0.4
(29,1528)	1:64:A:LYS:H	1:69:A:MET:HE3	12	0.4
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE1	19	0.4
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE2	19	0.4
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE3	19	0.4
(29,1390)	1:100:A:ALA:HA	1:119:A:LEU:HD11	6	0.4
(29,1390)	1:100:A:ALA:HA	1:119:A:LEU:HD12	6	0.4
(29,1390)	1:100:A:ALA:HA	1:119:A:LEU:HD13	6	0.4
(29,1372)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	6	0.4
(29,1372)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	6	0.4
(29,1372)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	6	0.4
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG11	17	0.4
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG12	17	0.4
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG13	17	0.4
(29,1192)	1:106:A:ASP:H	1:107:A:LEU:HD21	17	0.4
(29,1192)	1:106:A:ASP:H	1:107:A:LEU:HD22	17	0.4
(29,1192)	1:106:A:ASP:H	1:107:A:LEU:HD23	17	0.4
(29,1043)	1:41:A:LYS:HA	1:44:A:GLU:HB2	7	0.4
(29,1043)	1:41:A:LYS:HA	1:44:A:GLU:HB3	7	0.4
(29,1039)	1:11:A:ILE:HG13	1:44:A:GLU:HB2	17	0.4
(29,1039)	1:11:A:ILE:HG13	1:44:A:GLU:HB3	17	0.4
(29,1002)	1:12:A:VAL:HB	1:43:A:MET:HE1	3	0.4
(29,1002)	1:12:A:VAL:HB	1:43:A:MET:HE2	3	0.4
(29,1002)	1:12:A:VAL:HB	1:43:A:MET:HE3	3	0.4
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG11	15	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG12	15	0.4
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG13	15	0.4
(29,886)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	12	0.4
(29,886)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	12	0.4
(29,886)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	12	0.4
(29,814)	1:11:A:ILE:HD11	1:14:A:VAL:HB	4	0.4
(29,814)	1:11:A:ILE:HD12	1:14:A:VAL:HB	4	0.4
(29,814)	1:11:A:ILE:HD13	1:14:A:VAL:HB	4	0.4
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD11	18	0.4
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD12	18	0.4
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD13	18	0.4
(29,798)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	6	0.4
(29,798)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	6	0.4
(29,798)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	6	0.4
(29,798)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	6	0.4
(29,798)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	6	0.4
(29,798)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	6	0.4
(29,706)	1:46:A:ASN:HB3	1:134:A:VAL:H	7	0.4
(29,706)	1:46:A:ASN:HB3	1:134:A:VAL:H	9	0.4
(29,526)	1:74:A:PRO:HA	1:77:A:CYS:H	11	0.4
(29,287)	1:117:A:VAL:HB	1:118:A:ASP:H	15	0.4
(23,5)	1:58:A:ILE:N	1:54:A:ARG:O	7	0.4
(23,2)	1:39:A:VAL:N	1:36:A:PRO:O	3	0.4
(22,40)	1:128:A:LEU:N	1:124:A:THR:C	14	0.4
(22,39)	1:128:A:LEU:H	1:124:A:THR:C	1	0.4
(22,39)	1:128:A:LEU:H	1:124:A:THR:C	2	0.4
(22,36)	1:119:A:LEU:N	1:115:A:ALA:C	15	0.4
(22,28)	1:115:A:ALA:N	1:111:A:GLU:C	8	0.4
(22,17)	1:73:A:ILE:H	1:69:A:MET:C	1	0.4
(22,17)	1:73:A:ILE:H	1:69:A:MET:C	9	0.4
(22,15)	1:61:A:SER:H	1:57:A:LEU:C	2	0.4
(22,15)	1:61:A:SER:H	1:57:A:LEU:C	10	0.4
(22,15)	1:61:A:SER:H	1:57:A:LEU:C	19	0.4
(22,12)	1:59:A:CYS:N	1:55:A:GLY:C	3	0.4
(22,8)	1:45:A:ALA:N	1:41:A:LYS:C	9	0.4
(22,7)	1:45:A:ALA:H	1:41:A:LYS:C	13	0.4
(22,7)	1:45:A:ALA:H	1:41:A:LYS:C	15	0.4
(22,6)	1:44:A:GLU:N	1:40:A:LEU:C	1	0.4
(18,2451)	1:141:A:LYS:H	1:148:A:CYS:HB2	8	0.4
(18,2451)	1:141:A:LYS:H	1:148:A:CYS:HB3	8	0.4
(18,2417)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	3	0.4
(18,2417)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	3	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2417)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	3	0.4
(18,2417)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	3	0.4
(18,2417)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	3	0.4
(18,2417)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	3	0.4
(18,2417)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	3	0.4
(18,2417)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	3	0.4
(18,2417)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	3	0.4
(18,2417)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	3	0.4
(18,2417)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	3	0.4
(18,2417)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	3	0.4
(18,2317)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	16	0.4
(18,2317)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	16	0.4
(18,2317)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	16	0.4
(18,2317)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	16	0.4
(18,2317)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	16	0.4
(18,2317)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	16	0.4
(18,2317)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	16	0.4
(18,2317)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	16	0.4
(18,2317)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	16	0.4
(18,2317)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	16	0.4
(18,2317)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	16	0.4
(18,2317)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	16	0.4
(18,2208)	1:57:A:LEU:HG	1:60:A:LEU:HD11	13	0.4
(18,2208)	1:57:A:LEU:HG	1:60:A:LEU:HD12	13	0.4
(18,2208)	1:57:A:LEU:HG	1:60:A:LEU:HD13	13	0.4
(18,2208)	1:57:A:LEU:HG	1:60:A:LEU:HD21	13	0.4
(18,2208)	1:57:A:LEU:HG	1:60:A:LEU:HD22	13	0.4
(18,2208)	1:57:A:LEU:HG	1:60:A:LEU:HD23	13	0.4
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD11	12	0.4
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD12	12	0.4
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD13	12	0.4
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD21	12	0.4
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD22	12	0.4
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD23	12	0.4
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	12	0.4
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	12	0.4
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	12	0.4
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	12	0.4
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	12	0.4
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	12	0.4
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD11	12	0.4
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD12	12	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD13	12	0.4
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD21	12	0.4
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD22	12	0.4
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD23	12	0.4
(18,2033)	1:22:A:ASP:H	1:23:A:LEU:HD11	3	0.4
(18,2033)	1:22:A:ASP:H	1:23:A:LEU:HD12	3	0.4
(18,2033)	1:22:A:ASP:H	1:23:A:LEU:HD13	3	0.4
(18,2033)	1:22:A:ASP:H	1:23:A:LEU:HD21	3	0.4
(18,2033)	1:22:A:ASP:H	1:23:A:LEU:HD22	3	0.4
(18,2033)	1:22:A:ASP:H	1:23:A:LEU:HD23	3	0.4
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	2	0.4
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	2	0.4
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	2	0.4
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	2	0.4
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	2	0.4
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	2	0.4
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	6	0.4
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	6	0.4
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	6	0.4
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	6	0.4
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	6	0.4
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	6	0.4
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	6	0.4
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	6	0.4
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	6	0.4
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	6	0.4
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	6	0.4
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	6	0.4
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	6	0.4
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	6	0.4
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	6	0.4
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	6	0.4
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	6	0.4
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	6	0.4
(18,1949)	1:11:A:ILE:HB	1:40:A:LEU:HD11	13	0.4
(18,1949)	1:11:A:ILE:HB	1:40:A:LEU:HD12	13	0.4
(18,1949)	1:11:A:ILE:HB	1:40:A:LEU:HD13	13	0.4
(18,1949)	1:11:A:ILE:HB	1:40:A:LEU:HD21	13	0.4
(18,1949)	1:11:A:ILE:HB	1:40:A:LEU:HD22	13	0.4
(18,1949)	1:11:A:ILE:HB	1:40:A:LEU:HD23	13	0.4
(18,1936)	1:10:A:ASN:HB2	1:61:A:SER:HA	15	0.4
(18,1936)	1:10:A:ASN:HB3	1:61:A:SER:HA	15	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1910)	1:14:A:VAL:HB	1:18:A:PHE:HZ	15	0.4
(18,1862)	1:14:A:VAL:HA	1:18:A:PHE:HD1	6	0.4
(18,1862)	1:14:A:VAL:HA	1:18:A:PHE:HD2	6	0.4
(18,1775)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	17	0.4
(18,1775)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	17	0.4
(18,1775)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	17	0.4
(18,1775)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	17	0.4
(18,1531)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	10	0.4
(18,1531)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	10	0.4
(18,1531)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	10	0.4
(18,1531)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	10	0.4
(18,1531)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	10	0.4
(18,1531)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	10	0.4
(18,1389)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	7	0.4
(18,1389)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	7	0.4
(18,1389)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	7	0.4
(18,1389)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	7	0.4
(18,1389)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	7	0.4
(18,1389)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	7	0.4
(18,1333)	1:103:A:ARG:HG2	1:106:A:ASP:HA	18	0.4
(18,1333)	1:103:A:ARG:HG3	1:106:A:ASP:HA	18	0.4
(18,1099)	1:138:A:ASP:HA	1:141:A:LYS:HA	14	0.4
(18,988)	1:15:A:ALA:HB1	1:134:A:VAL:HB	2	0.4
(18,988)	1:15:A:ALA:HB2	1:134:A:VAL:HB	2	0.4
(18,988)	1:15:A:ALA:HB3	1:134:A:VAL:HB	2	0.4
(18,978)	1:138:A:ASP:HA	1:141:A:LYS:HB2	18	0.4
(18,978)	1:138:A:ASP:HA	1:141:A:LYS:HB3	18	0.4
(18,936)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	14	0.4
(18,936)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	14	0.4
(18,887)	1:138:A:ASP:HB2	1:141:A:LYS:HB2	7	0.4
(18,887)	1:138:A:ASP:HB2	1:141:A:LYS:HB3	7	0.4
(18,887)	1:138:A:ASP:HB3	1:141:A:LYS:HB2	7	0.4
(18,887)	1:138:A:ASP:HB3	1:141:A:LYS:HB3	7	0.4
(18,845)	1:45:A:ALA:HA	1:48:A:ARG:HD2	4	0.4
(18,845)	1:45:A:ALA:HA	1:48:A:ARG:HD3	4	0.4
(18,783)	1:101:A:ILE:HD11	1:104:A:PHE:H	1	0.4
(18,783)	1:101:A:ILE:HD12	1:104:A:PHE:H	1	0.4
(18,783)	1:101:A:ILE:HD13	1:104:A:PHE:H	1	0.4
(18,538)	1:74:A:PRO:HA	1:77:A:CYS:H	11	0.4
(18,485)	1:48:A:ARG:HA	1:53:A:THR:H	1	0.4
(18,485)	1:48:A:ARG:HA	1:53:A:THR:H	10	0.4
(18,485)	1:48:A:ARG:HA	1:53:A:THR:H	15	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,333)	1:46:A:ASN:H	1:48:A:ARG:HB2	15	0.4
(18,333)	1:46:A:ASN:H	1:48:A:ARG:HB3	15	0.4
(18,295)	1:117:A:VAL:HB	1:118:A:ASP:H	15	0.4
(18,239)	1:112:A:GLN:HG2	1:114:A:ILE:H	16	0.4
(18,239)	1:112:A:GLN:HG3	1:114:A:ILE:H	16	0.4
(18,238)	1:10:A:ASN:H	1:13:A:ALA:HB1	7	0.4
(18,238)	1:10:A:ASN:H	1:13:A:ALA:HB2	7	0.4
(18,238)	1:10:A:ASN:H	1:13:A:ALA:HB3	7	0.4
(18,16)	1:94:A:ALA:H	1:94:A:ALA:HB1	18	0.4
(18,16)	1:94:A:ALA:H	1:94:A:ALA:HB2	18	0.4
(18,16)	1:94:A:ALA:H	1:94:A:ALA:HB3	18	0.4
(17,2237)	1:65:A:CYS:HB2	1:69:A:MET:HG2	2	0.4
(17,2237)	1:65:A:CYS:HB2	1:69:A:MET:HG3	2	0.4
(17,2237)	1:65:A:CYS:HB3	1:69:A:MET:HG2	2	0.4
(17,2237)	1:65:A:CYS:HB3	1:69:A:MET:HG3	2	0.4
(17,2184)	1:47:A:ALA:HA	1:57:A:LEU:HD11	17	0.4
(17,2184)	1:47:A:ALA:HA	1:57:A:LEU:HD12	17	0.4
(17,2184)	1:47:A:ALA:HA	1:57:A:LEU:HD13	17	0.4
(17,2184)	1:47:A:ALA:HA	1:57:A:LEU:HD21	17	0.4
(17,2184)	1:47:A:ALA:HA	1:57:A:LEU:HD22	17	0.4
(17,2184)	1:47:A:ALA:HA	1:57:A:LEU:HD23	17	0.4
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD11	3	0.4
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD12	3	0.4
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD13	3	0.4
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD21	3	0.4
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD22	3	0.4
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD23	3	0.4
(17,2027)	1:17:A:ASN:HB2	1:76:A:ARG:HA	19	0.4
(17,2027)	1:17:A:ASN:HB3	1:76:A:ARG:HA	19	0.4
(17,1963)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	8	0.4
(17,1963)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	8	0.4
(17,1963)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	8	0.4
(17,1963)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	8	0.4
(17,1938)	1:14:A:VAL:HB	1:18:A:PHE:HZ	15	0.4
(17,1929)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	15	0.4
(17,1923)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	12	0.4
(17,1923)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	12	0.4
(17,1923)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	12	0.4
(17,1923)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	12	0.4
(17,1855)	1:61:A:SER:H	1:62:A:HIS:HD2	19	0.4
(17,1837)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	5	0.4
(17,1837)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	5	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1837)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	5	0.4
(17,1662)	1:97:A:ASP:HB2	1:102:A:PRO:HA	14	0.4
(17,1662)	1:97:A:ASP:HB3	1:102:A:PRO:HA	14	0.4
(17,1632)	1:23:A:LEU:HB2	1:24:A:ASP:HA	3	0.4
(17,1632)	1:23:A:LEU:HB3	1:24:A:ASP:HA	3	0.4
(17,1552)	1:69:A:MET:HE1	1:76:A:ARG:HG2	11	0.4
(17,1552)	1:69:A:MET:HE1	1:76:A:ARG:HG3	11	0.4
(17,1552)	1:69:A:MET:HE2	1:76:A:ARG:HG2	11	0.4
(17,1552)	1:69:A:MET:HE2	1:76:A:ARG:HG3	11	0.4
(17,1552)	1:69:A:MET:HE3	1:76:A:ARG:HG2	11	0.4
(17,1552)	1:69:A:MET:HE3	1:76:A:ARG:HG3	11	0.4
(17,1503)	1:101:A:ILE:HG21	1:102:A:PRO:HA	5	0.4
(17,1503)	1:101:A:ILE:HG22	1:102:A:PRO:HA	5	0.4
(17,1503)	1:101:A:ILE:HG23	1:102:A:PRO:HA	5	0.4
(17,1417)	1:11:A:ILE:HG21	1:44:A:GLU:HB2	10	0.4
(17,1417)	1:11:A:ILE:HG21	1:44:A:GLU:HB3	10	0.4
(17,1417)	1:11:A:ILE:HG22	1:44:A:GLU:HB2	10	0.4
(17,1417)	1:11:A:ILE:HG22	1:44:A:GLU:HB3	10	0.4
(17,1417)	1:11:A:ILE:HG23	1:44:A:GLU:HB2	10	0.4
(17,1417)	1:11:A:ILE:HG23	1:44:A:GLU:HB3	10	0.4
(17,1377)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	6	0.4
(17,1377)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	6	0.4
(17,1377)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	6	0.4
(17,1356)	1:17:A:ASN:HA	1:76:A:ARG:HA	9	0.4
(17,1240)	1:136:A:CYS:HA	1:140:A:LEU:HD11	4	0.4
(17,1240)	1:136:A:CYS:HA	1:140:A:LEU:HD12	4	0.4
(17,1240)	1:136:A:CYS:HA	1:140:A:LEU:HD13	4	0.4
(17,1026)	1:113:A:PHE:HA	1:116:A:GLN:HG3	13	0.4
(17,982)	1:47:A:ALA:HB1	1:134:A:VAL:HB	17	0.4
(17,982)	1:47:A:ALA:HB2	1:134:A:VAL:HB	17	0.4
(17,982)	1:47:A:ALA:HB3	1:134:A:VAL:HB	17	0.4
(17,867)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	14	0.4
(17,765)	1:53:A:THR:H	1:124:A:THR:HG21	14	0.4
(17,765)	1:53:A:THR:H	1:124:A:THR:HG22	14	0.4
(17,765)	1:53:A:THR:H	1:124:A:THR:HG23	14	0.4
(17,722)	1:9:A:PHE:HE1	1:54:A:ARG:HE	17	0.4
(17,722)	1:9:A:PHE:HE2	1:54:A:ARG:HE	17	0.4
(17,518)	1:74:A:PRO:HA	1:77:A:CYS:H	11	0.4
(17,342)	1:122:A:ASP:HB2	1:123:A:CYS:H	12	0.4
(17,342)	1:122:A:ASP:HB2	1:123:A:CYS:H	14	0.4
(17,285)	1:117:A:VAL:HB	1:118:A:ASP:H	15	0.4
(17,32)	1:96:A:VAL:H	1:97:A:ASP:HB2	6	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,32)	1:96:A:VAL:H	1:97:A:ASP:HB3	6	0.4
(16,2465)	1:141:A:LYS:H	1:148:A:CYS:HB2	8	0.4
(16,2465)	1:141:A:LYS:H	1:148:A:CYS:HB3	8	0.4
(16,2434)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	3	0.4
(16,2434)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	3	0.4
(16,2434)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	3	0.4
(16,2434)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	3	0.4
(16,2434)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	3	0.4
(16,2434)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	3	0.4
(16,2434)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	3	0.4
(16,2434)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	3	0.4
(16,2434)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	3	0.4
(16,2434)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	3	0.4
(16,2434)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	3	0.4
(16,2434)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	3	0.4
(16,2413)	1:129:A:LYS:HG2	1:130:A:GLY:H	19	0.4
(16,2413)	1:129:A:LYS:HG3	1:130:A:GLY:H	19	0.4
(16,2371)	1:116:A:GLN:HG2	1:117:A:VAL:HA	19	0.4
(16,2371)	1:116:A:GLN:HG3	1:117:A:VAL:HA	19	0.4
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD11	8	0.4
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD12	8	0.4
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD13	8	0.4
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD21	8	0.4
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD22	8	0.4
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD23	8	0.4
(16,2224)	1:65:A:CYS:HB2	1:69:A:MET:HG2	2	0.4
(16,2224)	1:65:A:CYS:HB2	1:69:A:MET:HG3	2	0.4
(16,2224)	1:65:A:CYS:HB3	1:69:A:MET:HG2	2	0.4
(16,2224)	1:65:A:CYS:HB3	1:69:A:MET:HG3	2	0.4
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD11	18	0.4
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD12	18	0.4
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD13	18	0.4
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD21	18	0.4
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD22	18	0.4
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD23	18	0.4
(16,2090)	1:35:A:LEU:HD11	1:143:A:TRP:HA	5	0.4
(16,2090)	1:35:A:LEU:HD12	1:143:A:TRP:HA	5	0.4
(16,2090)	1:35:A:LEU:HD13	1:143:A:TRP:HA	5	0.4
(16,2090)	1:35:A:LEU:HD21	1:143:A:TRP:HA	5	0.4
(16,2090)	1:35:A:LEU:HD22	1:143:A:TRP:HA	5	0.4
(16,2090)	1:35:A:LEU:HD23	1:143:A:TRP:HA	5	0.4
(16,1920)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	7	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1920)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	7	0.4
(16,1918)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	8	0.4
(16,1918)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	8	0.4
(16,1918)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	8	0.4
(16,1918)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	8	0.4
(16,1907)	1:14:A:VAL:HB	1:18:A:PHE:HZ	15	0.4
(16,1788)	1:9:A:PHE:HD1	1:11:A:ILE:HB	4	0.4
(16,1788)	1:9:A:PHE:HD2	1:11:A:ILE:HB	4	0.4
(16,1634)	1:134:A:VAL:HG21	1:137:A:SER:H	13	0.4
(16,1634)	1:134:A:VAL:HG22	1:137:A:SER:H	13	0.4
(16,1634)	1:134:A:VAL:HG23	1:137:A:SER:H	13	0.4
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE1	19	0.4
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE2	19	0.4
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE3	19	0.4
(16,1480)	1:101:A:ILE:HG21	1:102:A:PRO:HA	5	0.4
(16,1480)	1:101:A:ILE:HG22	1:102:A:PRO:HA	5	0.4
(16,1480)	1:101:A:ILE:HG23	1:102:A:PRO:HA	5	0.4
(16,1369)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	6	0.4
(16,1369)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	6	0.4
(16,1369)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	6	0.4
(16,1344)	1:103:A:ARG:HG2	1:106:A:ASP:HA	18	0.4
(16,1344)	1:103:A:ARG:HG3	1:106:A:ASP:HA	18	0.4
(16,1302)	1:66:A:THR:HG21	1:96:A:VAL:HA	2	0.4
(16,1302)	1:66:A:THR:HG22	1:96:A:VAL:HA	2	0.4
(16,1302)	1:66:A:THR:HG23	1:96:A:VAL:HA	2	0.4
(16,1258)	1:23:A:LEU:HD11	1:24:A:ASP:H	15	0.4
(16,1258)	1:23:A:LEU:HD12	1:24:A:ASP:H	15	0.4
(16,1258)	1:23:A:LEU:HD13	1:24:A:ASP:H	15	0.4
(16,1257)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	10	0.4
(16,1257)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	10	0.4
(16,1257)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	10	0.4
(16,1231)	1:34:A:LYS:H	1:81:A:GLU:HA	18	0.4
(16,1036)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	4	0.4
(16,1036)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	4	0.4
(16,941)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	14	0.4
(16,941)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	14	0.4
(16,902)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	14	0.4
(16,902)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	14	0.4
(16,902)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	14	0.4
(16,816)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	11	0.4
(16,816)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	11	0.4
(16,816)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	11	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,708)	1:46:A:ASN:HB3	1:134:A:VAL:H	7	0.4
(16,708)	1:46:A:ASN:HB3	1:134:A:VAL:H	9	0.4
(16,528)	1:74:A:PRO:HA	1:77:A:CYS:H	11	0.4
(16,380)	1:40:A:LEU:HB2	1:41:A:LYS:H	18	0.4
(16,352)	1:122:A:ASP:HB2	1:123:A:CYS:H	12	0.4
(16,352)	1:122:A:ASP:HB2	1:123:A:CYS:H	14	0.4
(16,328)	1:46:A:ASN:H	1:48:A:ARG:HB2	15	0.4
(16,328)	1:46:A:ASN:H	1:48:A:ARG:HB3	15	0.4
(16,292)	1:117:A:VAL:HB	1:118:A:ASP:H	15	0.4
(16,224)	1:48:A:ARG:H	1:48:A:ARG:HG2	2	0.4
(16,224)	1:48:A:ARG:H	1:48:A:ARG:HG3	2	0.4
(16,224)	1:48:A:ARG:H	1:48:A:ARG:HG2	5	0.4
(16,224)	1:48:A:ARG:H	1:48:A:ARG:HG3	5	0.4
(16,31)	1:96:A:VAL:H	1:96:A:VAL:HA	2	0.4
(16,31)	1:96:A:VAL:H	1:96:A:VAL:HA	8	0.4
(16,31)	1:96:A:VAL:H	1:96:A:VAL:HA	13	0.4
(16,31)	1:96:A:VAL:H	1:96:A:VAL:HA	18	0.4
(16,17)	1:94:A:ALA:H	1:94:A:ALA:HB1	18	0.4
(16,17)	1:94:A:ALA:H	1:94:A:ALA:HB2	18	0.4
(16,17)	1:94:A:ALA:H	1:94:A:ALA:HB3	18	0.4
(15,2468)	1:141:A:LYS:H	1:148:A:CYS:HB2	8	0.4
(15,2468)	1:141:A:LYS:H	1:148:A:CYS:HB3	8	0.4
(15,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	3	0.4
(15,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	3	0.4
(15,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	3	0.4
(15,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	3	0.4
(15,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	3	0.4
(15,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	3	0.4
(15,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	3	0.4
(15,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	3	0.4
(15,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	3	0.4
(15,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	3	0.4
(15,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	3	0.4
(15,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	3	0.4
(15,2412)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	19	0.4
(15,2412)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	19	0.4
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	9	0.4
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	9	0.4
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	9	0.4
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	9	0.4
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	9	0.4
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	9	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD11	7	0.4
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD12	7	0.4
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD13	7	0.4
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD21	7	0.4
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD22	7	0.4
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD23	7	0.4
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD11	18	0.4
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD12	18	0.4
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD13	18	0.4
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD21	18	0.4
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD22	18	0.4
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD23	18	0.4
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD11	2	0.4
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD12	2	0.4
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD13	2	0.4
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD21	2	0.4
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD22	2	0.4
(15,2123)	1:43:A:MET:HE1	1:140:A:LEU:HD23	2	0.4
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD11	2	0.4
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD12	2	0.4
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD13	2	0.4
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD21	2	0.4
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD22	2	0.4
(15,2123)	1:43:A:MET:HE2	1:140:A:LEU:HD23	2	0.4
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD11	2	0.4
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD12	2	0.4
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD13	2	0.4
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD21	2	0.4
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD22	2	0.4
(15,2123)	1:43:A:MET:HE3	1:140:A:LEU:HD23	2	0.4
(15,2115)	1:43:A:MET:H	1:43:A:MET:HG2	2	0.4
(15,2115)	1:43:A:MET:H	1:43:A:MET:HG3	2	0.4
(15,2115)	1:43:A:MET:H	1:43:A:MET:HG2	15	0.4
(15,2115)	1:43:A:MET:H	1:43:A:MET:HG3	15	0.4
(15,2038)	1:34:A:LYS:H	1:81:A:GLU:HB2	9	0.4
(15,2038)	1:34:A:LYS:H	1:81:A:GLU:HB3	9	0.4
(15,2008)	1:22:A:ASP:H	1:23:A:LEU:HD11	3	0.4
(15,2008)	1:22:A:ASP:H	1:23:A:LEU:HD12	3	0.4
(15,2008)	1:22:A:ASP:H	1:23:A:LEU:HD13	3	0.4
(15,2008)	1:22:A:ASP:H	1:23:A:LEU:HD21	3	0.4
(15,2008)	1:22:A:ASP:H	1:23:A:LEU:HD22	3	0.4
(15,2008)	1:22:A:ASP:H	1:23:A:LEU:HD23	3	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE1	12	0.4
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE2	12	0.4
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE3	12	0.4
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE1	12	0.4
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE2	12	0.4
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE3	12	0.4
(15,1959)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	4	0.4
(15,1959)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	4	0.4
(15,1959)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	4	0.4
(15,1959)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	4	0.4
(15,1959)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	4	0.4
(15,1959)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	4	0.4
(15,1959)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	4	0.4
(15,1959)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	4	0.4
(15,1959)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	4	0.4
(15,1959)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	4	0.4
(15,1959)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	4	0.4
(15,1959)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	4	0.4
(15,1934)	1:11:A:ILE:HB	1:40:A:LEU:HD11	13	0.4
(15,1934)	1:11:A:ILE:HB	1:40:A:LEU:HD12	13	0.4
(15,1934)	1:11:A:ILE:HB	1:40:A:LEU:HD13	13	0.4
(15,1934)	1:11:A:ILE:HB	1:40:A:LEU:HD21	13	0.4
(15,1934)	1:11:A:ILE:HB	1:40:A:LEU:HD22	13	0.4
(15,1934)	1:11:A:ILE:HB	1:40:A:LEU:HD23	13	0.4
(15,1892)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	1	0.4
(15,1890)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	15	0.4
(15,1780)	1:72:A:PHE:HD1	1:109:A:PRO:HB2	2	0.4
(15,1780)	1:72:A:PHE:HD1	1:109:A:PRO:HB3	2	0.4
(15,1780)	1:72:A:PHE:HD2	1:109:A:PRO:HB2	2	0.4
(15,1780)	1:72:A:PHE:HD2	1:109:A:PRO:HB3	2	0.4
(15,1749)	1:141:A:LYS:HA	1:148:A:CYS:H	15	0.4
(15,1727)	1:105:A:LYS:HG3	1:106:A:ASP:HA	10	0.4
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG21	6	0.4
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG22	6	0.4
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG23	6	0.4
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG21	6	0.4
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG22	6	0.4
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG23	6	0.4
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG21	6	0.4
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG22	6	0.4
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG23	6	0.4
(15,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG21	19	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG22	19	0.4
(15,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG23	19	0.4
(15,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG21	19	0.4
(15,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG22	19	0.4
(15,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG23	19	0.4
(15,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG21	19	0.4
(15,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG22	19	0.4
(15,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG23	19	0.4
(15,1640)	1:97:A:ASP:HB2	1:102:A:PRO:HA	14	0.4
(15,1640)	1:97:A:ASP:HB3	1:102:A:PRO:HA	14	0.4
(15,1590)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	6	0.4
(15,1590)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	6	0.4
(15,1590)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	6	0.4
(15,1560)	1:11:A:ILE:HD11	1:14:A:VAL:H	8	0.4
(15,1560)	1:11:A:ILE:HD12	1:14:A:VAL:H	8	0.4
(15,1560)	1:11:A:ILE:HD13	1:14:A:VAL:H	8	0.4
(15,1560)	1:11:A:ILE:HD11	1:14:A:VAL:H	9	0.4
(15,1560)	1:11:A:ILE:HD12	1:14:A:VAL:H	9	0.4
(15,1560)	1:11:A:ILE:HD13	1:14:A:VAL:H	9	0.4
(15,1506)	1:69:A:MET:HE1	1:110:A:MET:H	17	0.4
(15,1506)	1:69:A:MET:HE2	1:110:A:MET:H	17	0.4
(15,1506)	1:69:A:MET:HE3	1:110:A:MET:H	17	0.4
(15,1267)	1:15:A:ALA:HA	1:19:A:ALA:H	2	0.4
(15,1231)	1:136:A:CYS:HA	1:140:A:LEU:HD11	4	0.4
(15,1231)	1:136:A:CYS:HA	1:140:A:LEU:HD12	4	0.4
(15,1231)	1:136:A:CYS:HA	1:140:A:LEU:HD13	4	0.4
(15,1224)	1:34:A:LYS:H	1:81:A:GLU:HA	18	0.4
(15,999)	1:63:A:ILE:HA	1:64:A:LYS:HD2	17	0.4
(15,999)	1:63:A:ILE:HA	1:64:A:LYS:HD3	17	0.4
(15,995)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	19	0.4
(15,995)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	19	0.4
(15,991)	1:104:A:PHE:H	1:105:A:LYS:HB2	9	0.4
(15,991)	1:104:A:PHE:H	1:105:A:LYS:HB3	9	0.4
(15,979)	1:15:A:ALA:HB1	1:134:A:VAL:HB	2	0.4
(15,979)	1:15:A:ALA:HB2	1:134:A:VAL:HB	2	0.4
(15,979)	1:15:A:ALA:HB3	1:134:A:VAL:HB	2	0.4
(15,926)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	14	0.4
(15,926)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	14	0.4
(15,926)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	14	0.4
(15,926)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	14	0.4
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	12	0.4
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	12	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	12	0.4
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	12	0.4
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	12	0.4
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	12	0.4
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	12	0.4
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	12	0.4
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	12	0.4
(15,804)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	12	0.4
(15,804)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	12	0.4
(15,804)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	12	0.4
(15,804)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	12	0.4
(15,804)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	12	0.4
(15,804)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	12	0.4
(15,794)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	6	0.4
(15,794)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	6	0.4
(15,794)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	6	0.4
(15,794)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	6	0.4
(15,794)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	6	0.4
(15,794)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	6	0.4
(15,794)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	9	0.4
(15,794)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	9	0.4
(15,794)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	9	0.4
(15,794)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	9	0.4
(15,794)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	9	0.4
(15,794)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	9	0.4
(15,788)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	6	0.4
(15,788)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	6	0.4
(15,788)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	6	0.4
(15,788)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	6	0.4
(15,788)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	6	0.4
(15,788)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	6	0.4
(15,594)	1:75:A:GLY:H	1:77:A:CYS:HB3	10	0.4
(15,327)	1:46:A:ASN:H	1:48:A:ARG:HB2	15	0.4
(15,327)	1:46:A:ASN:H	1:48:A:ARG:HB3	15	0.4
(15,292)	1:117:A:VAL:HB	1:118:A:ASP:H	15	0.4
(15,265)	1:39:A:VAL:H	1:39:A:VAL:HB	1	0.4
(15,265)	1:39:A:VAL:H	1:39:A:VAL:HB	14	0.4
(15,32)	1:96:A:VAL:H	1:97:A:ASP:H	9	0.4
(15,32)	1:96:A:VAL:H	1:97:A:ASP:H	12	0.4
(13,2451)	1:141:A:LYS:H	1:148:A:CYS:HB2	8	0.4
(13,2451)	1:141:A:LYS:H	1:148:A:CYS:HB3	8	0.4
(13,2420)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	3	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2420)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	3	0.4
(13,2420)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	3	0.4
(13,2420)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	3	0.4
(13,2420)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	3	0.4
(13,2420)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	3	0.4
(13,2420)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	3	0.4
(13,2420)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	3	0.4
(13,2420)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	3	0.4
(13,2420)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	3	0.4
(13,2420)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	3	0.4
(13,2420)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	3	0.4
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG11	6	0.4
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG12	6	0.4
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG13	6	0.4
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG21	6	0.4
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG22	6	0.4
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG23	6	0.4
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG11	6	0.4
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG12	6	0.4
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG13	6	0.4
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG21	6	0.4
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG22	6	0.4
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG23	6	0.4
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG11	6	0.4
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG12	6	0.4
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG13	6	0.4
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG21	6	0.4
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG22	6	0.4
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG23	6	0.4
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG11	6	0.4
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG12	6	0.4
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG13	6	0.4
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG21	6	0.4
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG22	6	0.4
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG23	6	0.4
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG11	6	0.4
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG12	6	0.4
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG13	6	0.4
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG21	6	0.4
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG22	6	0.4
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG23	6	0.4
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG11	6	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG12	6	0.4
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG13	6	0.4
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG21	6	0.4
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG22	6	0.4
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG23	6	0.4
(13,2345)	1:115:A:ALA:HB1	1:116:A:GLN:HG2	3	0.4
(13,2345)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	3	0.4
(13,2345)	1:115:A:ALA:HB2	1:116:A:GLN:HG2	3	0.4
(13,2345)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	3	0.4
(13,2345)	1:115:A:ALA:HB3	1:116:A:GLN:HG2	3	0.4
(13,2345)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	3	0.4
(13,2345)	1:115:A:ALA:HB1	1:116:A:GLN:HG2	17	0.4
(13,2345)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	17	0.4
(13,2345)	1:115:A:ALA:HB2	1:116:A:GLN:HG2	17	0.4
(13,2345)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	17	0.4
(13,2345)	1:115:A:ALA:HB3	1:116:A:GLN:HG2	17	0.4
(13,2345)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	17	0.4
(13,2249)	1:79:A:THR:HG21	1:81:A:GLU:HB2	17	0.4
(13,2249)	1:79:A:THR:HG21	1:81:A:GLU:HB3	17	0.4
(13,2249)	1:79:A:THR:HG22	1:81:A:GLU:HB2	17	0.4
(13,2249)	1:79:A:THR:HG22	1:81:A:GLU:HB3	17	0.4
(13,2249)	1:79:A:THR:HG23	1:81:A:GLU:HB2	17	0.4
(13,2249)	1:79:A:THR:HG23	1:81:A:GLU:HB3	17	0.4
(13,2198)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	4	0.4
(13,2198)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	4	0.4
(13,2198)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	4	0.4
(13,2198)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	4	0.4
(13,2198)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	10	0.4
(13,2198)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	10	0.4
(13,2198)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	10	0.4
(13,2198)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	10	0.4
(13,2195)	1:65:A:CYS:HB2	1:69:A:MET:HE1	18	0.4
(13,2195)	1:65:A:CYS:HB2	1:69:A:MET:HE2	18	0.4
(13,2195)	1:65:A:CYS:HB2	1:69:A:MET:HE3	18	0.4
(13,2195)	1:65:A:CYS:HB3	1:69:A:MET:HE1	18	0.4
(13,2195)	1:65:A:CYS:HB3	1:69:A:MET:HE2	18	0.4
(13,2195)	1:65:A:CYS:HB3	1:69:A:MET:HE3	18	0.4
(13,2194)	1:65:A:CYS:HB2	1:69:A:MET:HG2	2	0.4
(13,2194)	1:65:A:CYS:HB2	1:69:A:MET:HG3	2	0.4
(13,2194)	1:65:A:CYS:HB3	1:69:A:MET:HG2	2	0.4
(13,2194)	1:65:A:CYS:HB3	1:69:A:MET:HG3	2	0.4
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD11	18	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD12	18	0.4
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD13	18	0.4
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD21	18	0.4
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD22	18	0.4
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD23	18	0.4
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG11	5	0.4
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG12	5	0.4
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG13	5	0.4
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG21	5	0.4
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG22	5	0.4
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG23	5	0.4
(13,1997)	1:22:A:ASP:H	1:23:A:LEU:HD11	3	0.4
(13,1997)	1:22:A:ASP:H	1:23:A:LEU:HD12	3	0.4
(13,1997)	1:22:A:ASP:H	1:23:A:LEU:HD13	3	0.4
(13,1997)	1:22:A:ASP:H	1:23:A:LEU:HD21	3	0.4
(13,1997)	1:22:A:ASP:H	1:23:A:LEU:HD22	3	0.4
(13,1997)	1:22:A:ASP:H	1:23:A:LEU:HD23	3	0.4
(13,1831)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	14	0.4
(13,1831)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	14	0.4
(13,1831)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	14	0.4
(13,1831)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	14	0.4
(13,1831)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	14	0.4
(13,1831)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	14	0.4
(13,1817)	1:9:A:PHE:HZ	1:58:A:ILE:HG13	8	0.4
(13,1783)	1:9:A:PHE:HZ	1:54:A:ARG:HA	19	0.4
(13,1762)	1:9:A:PHE:HD1	1:11:A:ILE:HB	4	0.4
(13,1762)	1:9:A:PHE:HD2	1:11:A:ILE:HB	4	0.4
(13,1756)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	10	0.4
(13,1756)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	10	0.4
(13,1756)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	10	0.4
(13,1756)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	10	0.4
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG21	6	0.4
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG22	6	0.4
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG23	6	0.4
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG21	6	0.4
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG22	6	0.4
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG23	6	0.4
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG21	6	0.4
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG22	6	0.4
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG23	6	0.4
(13,1662)	1:11:A:ILE:HG12	1:57:A:LEU:HB3	18	0.4
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE1	2	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE2	2	0.4
(13,1488)	1:11:A:ILE:HD11	1:43:A:MET:HE3	2	0.4
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE1	2	0.4
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE2	2	0.4
(13,1488)	1:11:A:ILE:HD12	1:43:A:MET:HE3	2	0.4
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE1	2	0.4
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE2	2	0.4
(13,1488)	1:11:A:ILE:HD13	1:43:A:MET:HE3	2	0.4
(13,1454)	1:101:A:ILE:HG21	1:102:A:PRO:HA	5	0.4
(13,1454)	1:101:A:ILE:HG22	1:102:A:PRO:HA	5	0.4
(13,1454)	1:101:A:ILE:HG23	1:102:A:PRO:HA	5	0.4
(13,1431)	1:13:A:ALA:HB1	1:61:A:SER:HA	19	0.4
(13,1431)	1:13:A:ALA:HB2	1:61:A:SER:HA	19	0.4
(13,1431)	1:13:A:ALA:HB3	1:61:A:SER:HA	19	0.4
(13,1376)	1:11:A:ILE:HG21	1:44:A:GLU:HB2	10	0.4
(13,1376)	1:11:A:ILE:HG21	1:44:A:GLU:HB3	10	0.4
(13,1376)	1:11:A:ILE:HG22	1:44:A:GLU:HB2	10	0.4
(13,1376)	1:11:A:ILE:HG22	1:44:A:GLU:HB3	10	0.4
(13,1376)	1:11:A:ILE:HG23	1:44:A:GLU:HB2	10	0.4
(13,1376)	1:11:A:ILE:HG23	1:44:A:GLU:HB3	10	0.4
(13,1372)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	7	0.4
(13,1372)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	7	0.4
(13,1372)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	7	0.4
(13,1372)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	7	0.4
(13,1372)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	7	0.4
(13,1372)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	7	0.4
(13,1315)	1:105:A:LYS:HG2	1:106:A:ASP:HA	14	0.4
(13,1312)	1:103:A:ARG:HG2	1:106:A:ASP:HA	18	0.4
(13,1312)	1:103:A:ARG:HG3	1:106:A:ASP:HA	18	0.4
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	10	0.4
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	10	0.4
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	10	0.4
(13,1084)	1:18:A:PHE:HA	1:113:A:PHE:HZ	1	0.4
(13,909)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	14	0.4
(13,909)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	14	0.4
(13,886)	1:21:A:THR:HB	1:23:A:LEU:H	10	0.4
(13,820)	1:69:A:MET:HE1	1:114:A:ILE:HD11	6	0.4
(13,820)	1:69:A:MET:HE1	1:114:A:ILE:HD12	6	0.4
(13,820)	1:69:A:MET:HE1	1:114:A:ILE:HD13	6	0.4
(13,820)	1:69:A:MET:HE2	1:114:A:ILE:HD11	6	0.4
(13,820)	1:69:A:MET:HE2	1:114:A:ILE:HD12	6	0.4
(13,820)	1:69:A:MET:HE2	1:114:A:ILE:HD13	6	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,820)	1:69:A:MET:HE3	1:114:A:ILE:HD11	6	0.4
(13,820)	1:69:A:MET:HE3	1:114:A:ILE:HD12	6	0.4
(13,820)	1:69:A:MET:HE3	1:114:A:ILE:HD13	6	0.4
(13,518)	1:74:A:PRO:HA	1:77:A:CYS:H	11	0.4
(13,468)	1:14:A:VAL:H	1:61:A:SER:HA	1	0.4
(13,468)	1:14:A:VAL:H	1:61:A:SER:HA	15	0.4
(13,319)	1:46:A:ASN:H	1:48:A:ARG:HB2	15	0.4
(13,319)	1:46:A:ASN:H	1:48:A:ARG:HB3	15	0.4
(13,310)	1:43:A:MET:H	1:140:A:LEU:HD11	2	0.4
(13,310)	1:43:A:MET:H	1:140:A:LEU:HD12	2	0.4
(13,310)	1:43:A:MET:H	1:140:A:LEU:HD13	2	0.4
(13,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	10	0.4
(13,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	10	0.4
(13,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	10	0.4
(13,285)	1:117:A:VAL:HB	1:118:A:ASP:H	15	0.4
(13,218)	1:48:A:ARG:H	1:48:A:ARG:HG2	2	0.4
(13,218)	1:48:A:ARG:H	1:48:A:ARG:HG3	2	0.4
(13,218)	1:48:A:ARG:H	1:48:A:ARG:HG2	5	0.4
(13,218)	1:48:A:ARG:H	1:48:A:ARG:HG3	5	0.4
(13,89)	1:96:A:VAL:H	1:97:A:ASP:H	3	0.4
(13,15)	1:94:A:ALA:H	1:94:A:ALA:HB1	18	0.4
(13,15)	1:94:A:ALA:H	1:94:A:ALA:HB2	18	0.4
(13,15)	1:94:A:ALA:H	1:94:A:ALA:HB3	18	0.4
(11,2451)	1:141:A:LYS:H	1:148:A:CYS:HB2	8	0.4
(11,2451)	1:141:A:LYS:H	1:148:A:CYS:HB3	8	0.4
(11,2419)	1:134:A:VAL:HG11	1:137:A:SER:HB2	8	0.4
(11,2419)	1:134:A:VAL:HG11	1:137:A:SER:HB3	8	0.4
(11,2419)	1:134:A:VAL:HG12	1:137:A:SER:HB2	8	0.4
(11,2419)	1:134:A:VAL:HG12	1:137:A:SER:HB3	8	0.4
(11,2419)	1:134:A:VAL:HG13	1:137:A:SER:HB2	8	0.4
(11,2419)	1:134:A:VAL:HG13	1:137:A:SER:HB3	8	0.4
(11,2419)	1:134:A:VAL:HG21	1:137:A:SER:HB2	8	0.4
(11,2419)	1:134:A:VAL:HG21	1:137:A:SER:HB3	8	0.4
(11,2419)	1:134:A:VAL:HG22	1:137:A:SER:HB2	8	0.4
(11,2419)	1:134:A:VAL:HG22	1:137:A:SER:HB3	8	0.4
(11,2419)	1:134:A:VAL:HG23	1:137:A:SER:HB2	8	0.4
(11,2419)	1:134:A:VAL:HG23	1:137:A:SER:HB3	8	0.4
(11,2403)	1:129:A:LYS:HG2	1:130:A:GLY:H	19	0.4
(11,2403)	1:129:A:LYS:HG3	1:130:A:GLY:H	19	0.4
(11,2234)	1:65:A:CYS:HB2	1:69:A:MET:HG2	2	0.4
(11,2234)	1:65:A:CYS:HB2	1:69:A:MET:HG3	2	0.4
(11,2234)	1:65:A:CYS:HB3	1:69:A:MET:HG2	2	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2234)	1:65:A:CYS:HB3	1:69:A:MET:HG3	2	0.4
(11,2152)	1:42:A:GLU:H	1:139:A:LEU:HD11	17	0.4
(11,2152)	1:42:A:GLU:H	1:139:A:LEU:HD12	17	0.4
(11,2152)	1:42:A:GLU:H	1:139:A:LEU:HD13	17	0.4
(11,2152)	1:42:A:GLU:H	1:139:A:LEU:HD21	17	0.4
(11,2152)	1:42:A:GLU:H	1:139:A:LEU:HD22	17	0.4
(11,2152)	1:42:A:GLU:H	1:139:A:LEU:HD23	17	0.4
(11,2094)	1:35:A:LEU:HD11	1:143:A:TRP:HA	6	0.4
(11,2094)	1:35:A:LEU:HD12	1:143:A:TRP:HA	6	0.4
(11,2094)	1:35:A:LEU:HD13	1:143:A:TRP:HA	6	0.4
(11,2094)	1:35:A:LEU:HD21	1:143:A:TRP:HA	6	0.4
(11,2094)	1:35:A:LEU:HD22	1:143:A:TRP:HA	6	0.4
(11,2094)	1:35:A:LEU:HD23	1:143:A:TRP:HA	6	0.4
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	2	0.4
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	2	0.4
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	2	0.4
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	2	0.4
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	2	0.4
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	2	0.4
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	2	0.4
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	2	0.4
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	2	0.4
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	2	0.4
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	2	0.4
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	2	0.4
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	5	0.4
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	5	0.4
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	5	0.4
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	5	0.4
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	5	0.4
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	5	0.4
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	6	0.4
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	6	0.4
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	6	0.4
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	6	0.4
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	6	0.4
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	6	0.4
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	6	0.4
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	6	0.4
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	6	0.4
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	6	0.4
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	6	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	6	0.4
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	6	0.4
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	6	0.4
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	6	0.4
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	6	0.4
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	6	0.4
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	6	0.4
(11,1960)	1:10:A:ASN:HB2	1:61:A:SER:HA	15	0.4
(11,1960)	1:10:A:ASN:HB3	1:61:A:SER:HA	15	0.4
(11,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	11	0.4
(11,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	11	0.4
(11,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	11	0.4
(11,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	11	0.4
(11,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	11	0.4
(11,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	11	0.4
(11,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	11	0.4
(11,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	11	0.4
(11,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	11	0.4
(11,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	11	0.4
(11,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	11	0.4
(11,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	11	0.4
(11,1941)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	15	0.4
(11,1941)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	15	0.4
(11,1896)	1:72:A:PHE:HD1	1:109:A:PRO:HD2	9	0.4
(11,1896)	1:72:A:PHE:HD2	1:109:A:PRO:HD2	9	0.4
(11,1865)	1:61:A:SER:H	1:62:A:HIS:HD2	19	0.4
(11,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	5	0.4
(11,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	5	0.4
(11,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	5	0.4
(11,1812)	1:144:A:LEU:HA	1:144:A:LEU:HD11	5	0.4
(11,1812)	1:144:A:LEU:HA	1:144:A:LEU:HD12	5	0.4
(11,1812)	1:144:A:LEU:HA	1:144:A:LEU:HD13	5	0.4
(11,1783)	1:36:A:PRO:HA	1:37:A:LEU:HD21	4	0.4
(11,1783)	1:36:A:PRO:HA	1:37:A:LEU:HD22	4	0.4
(11,1783)	1:36:A:PRO:HA	1:37:A:LEU:HD23	4	0.4
(11,1730)	1:11:A:ILE:HG12	1:57:A:LEU:HB3	18	0.4
(11,1679)	1:97:A:ASP:HB2	1:102:A:PRO:HA	14	0.4
(11,1679)	1:97:A:ASP:HB3	1:102:A:PRO:HA	14	0.4
(11,1647)	1:23:A:LEU:HB2	1:24:A:ASP:HA	3	0.4
(11,1647)	1:23:A:LEU:HB3	1:24:A:ASP:HA	3	0.4
(11,1595)	1:11:A:ILE:HD11	1:14:A:VAL:H	8	0.4
(11,1595)	1:11:A:ILE:HD12	1:14:A:VAL:H	8	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1595)	1:11:A:ILE:HD13	1:14:A:VAL:H	8	0.4
(11,1595)	1:11:A:ILE:HD11	1:14:A:VAL:H	9	0.4
(11,1595)	1:11:A:ILE:HD12	1:14:A:VAL:H	9	0.4
(11,1595)	1:11:A:ILE:HD13	1:14:A:VAL:H	9	0.4
(11,1536)	1:69:A:MET:HE1	1:110:A:MET:H	17	0.4
(11,1536)	1:69:A:MET:HE2	1:110:A:MET:H	17	0.4
(11,1536)	1:69:A:MET:HE3	1:110:A:MET:H	17	0.4
(11,1501)	1:101:A:ILE:HG21	1:102:A:PRO:HA	5	0.4
(11,1501)	1:101:A:ILE:HG22	1:102:A:PRO:HA	5	0.4
(11,1501)	1:101:A:ILE:HG23	1:102:A:PRO:HA	5	0.4
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG21	6	0.4
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG22	6	0.4
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG23	6	0.4
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG21	6	0.4
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG22	6	0.4
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG23	6	0.4
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG21	6	0.4
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG22	6	0.4
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG23	6	0.4
(11,1363)	1:105:A:LYS:HG2	1:106:A:ASP:HA	14	0.4
(11,1360)	1:103:A:ARG:HG2	1:106:A:ASP:HA	18	0.4
(11,1360)	1:103:A:ARG:HG3	1:106:A:ASP:HA	18	0.4
(11,1307)	1:68:A:LYS:HG2	1:70:A:LYS:H	15	0.4
(11,1307)	1:68:A:LYS:HG3	1:70:A:LYS:H	15	0.4
(11,1239)	1:34:A:LYS:H	1:81:A:GLU:HA	17	0.4
(11,1189)	1:106:A:ASP:H	1:107:A:LEU:HD21	17	0.4
(11,1189)	1:106:A:ASP:H	1:107:A:LEU:HD22	17	0.4
(11,1189)	1:106:A:ASP:H	1:107:A:LEU:HD23	17	0.4
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD11	18	0.4
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD12	18	0.4
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD13	18	0.4
(11,1039)	1:41:A:LYS:HA	1:44:A:GLU:HB2	7	0.4
(11,1039)	1:41:A:LYS:HA	1:44:A:GLU:HB3	7	0.4
(11,1002)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	14	0.4
(11,1002)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	14	0.4
(11,1002)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	14	0.4
(11,999)	1:63:A:ILE:HA	1:64:A:LYS:HD2	17	0.4
(11,999)	1:63:A:ILE:HA	1:64:A:LYS:HD3	17	0.4
(11,927)	1:108:A:GLU:HG3	1:112:A:GLN:H	7	0.4
(11,873)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	8	0.4
(11,873)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	8	0.4
(11,873)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	8	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,873)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	19	0.4
(11,873)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	19	0.4
(11,873)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	19	0.4
(11,780)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	6	0.4
(11,780)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	6	0.4
(11,780)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	6	0.4
(11,780)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	6	0.4
(11,780)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	6	0.4
(11,780)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	6	0.4
(11,525)	1:74:A:PRO:HA	1:77:A:CYS:H	11	0.4
(11,289)	1:117:A:VAL:HB	1:118:A:ASP:H	15	0.4
(11,260)	1:39:A:VAL:H	1:39:A:VAL:HB	1	0.4
(11,260)	1:39:A:VAL:H	1:39:A:VAL:HB	14	0.4
(11,55)	1:98:A:ILE:H	1:101:A:ILE:HG21	16	0.4
(11,55)	1:98:A:ILE:H	1:101:A:ILE:HG22	16	0.4
(11,55)	1:98:A:ILE:H	1:101:A:ILE:HG23	16	0.4
(11,18)	1:94:A:ALA:H	1:94:A:ALA:HB1	18	0.4
(11,18)	1:94:A:ALA:H	1:94:A:ALA:HB2	18	0.4
(11,18)	1:94:A:ALA:H	1:94:A:ALA:HB3	18	0.4
(11,10)	1:64:A:LYS:H	1:116:A:GLN:HE22	7	0.4
(9,2382)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	3	0.4
(9,2382)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	3	0.4
(9,2382)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	3	0.4
(9,2382)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	3	0.4
(9,2382)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	3	0.4
(9,2382)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	3	0.4
(9,2382)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	3	0.4
(9,2382)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	3	0.4
(9,2382)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	3	0.4
(9,2382)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	3	0.4
(9,2382)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	3	0.4
(9,2382)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	3	0.4
(9,2183)	1:65:A:CYS:HB2	1:69:A:MET:HG2	2	0.4
(9,2183)	1:65:A:CYS:HB2	1:69:A:MET:HG3	2	0.4
(9,2183)	1:65:A:CYS:HB3	1:69:A:MET:HG2	2	0.4
(9,2183)	1:65:A:CYS:HB3	1:69:A:MET:HG3	2	0.4
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD11	18	0.4
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD12	18	0.4
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD13	18	0.4
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD21	18	0.4
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD22	18	0.4
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD23	18	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG11	16	0.4
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG12	16	0.4
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG13	16	0.4
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG21	16	0.4
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG22	16	0.4
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG23	16	0.4
(9,2090)	1:39:A:VAL:HG11	1:41:A:LYS:H	16	0.4
(9,2090)	1:39:A:VAL:HG12	1:41:A:LYS:H	16	0.4
(9,2090)	1:39:A:VAL:HG13	1:41:A:LYS:H	16	0.4
(9,2090)	1:39:A:VAL:HG21	1:41:A:LYS:H	16	0.4
(9,2090)	1:39:A:VAL:HG22	1:41:A:LYS:H	16	0.4
(9,2090)	1:39:A:VAL:HG23	1:41:A:LYS:H	16	0.4
(9,2042)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	7	0.4
(9,2042)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	7	0.4
(9,2042)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	7	0.4
(9,2042)	1:31:A:PRO:HD2	1:144:A:LEU:HD21	7	0.4
(9,2042)	1:31:A:PRO:HD2	1:144:A:LEU:HD22	7	0.4
(9,2042)	1:31:A:PRO:HD2	1:144:A:LEU:HD23	7	0.4
(9,2042)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	7	0.4
(9,2042)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	7	0.4
(9,2042)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	7	0.4
(9,2042)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	7	0.4
(9,2042)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	7	0.4
(9,2042)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	7	0.4
(9,2040)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	15	0.4
(9,2040)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	15	0.4
(9,2040)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	15	0.4
(9,2040)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	15	0.4
(9,2040)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	15	0.4
(9,2040)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	15	0.4
(9,2040)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	15	0.4
(9,2040)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	15	0.4
(9,2040)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	15	0.4
(9,2040)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	15	0.4
(9,2040)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	15	0.4
(9,2040)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	15	0.4
(9,2016)	1:22:A:ASP:H	1:23:A:LEU:HD11	3	0.4
(9,2016)	1:22:A:ASP:H	1:23:A:LEU:HD12	3	0.4
(9,2016)	1:22:A:ASP:H	1:23:A:LEU:HD13	3	0.4
(9,2016)	1:22:A:ASP:H	1:23:A:LEU:HD21	3	0.4
(9,2016)	1:22:A:ASP:H	1:23:A:LEU:HD22	3	0.4
(9,2016)	1:22:A:ASP:H	1:23:A:LEU:HD23	3	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1936)	1:10:A:ASN:HB2	1:61:A:SER:HA	15	0.4
(9,1936)	1:10:A:ASN:HB3	1:61:A:SER:HA	15	0.4
(9,1919)	1:14:A:VAL:HB	1:18:A:PHE:HZ	15	0.4
(9,1874)	1:14:A:VAL:HA	1:18:A:PHE:HD1	12	0.4
(9,1874)	1:14:A:VAL:HA	1:18:A:PHE:HD2	12	0.4
(9,1866)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	1	0.4
(9,1866)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	1	0.4
(9,1866)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	1	0.4
(9,1866)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	1	0.4
(9,1866)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	1	0.4
(9,1866)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	1	0.4
(9,1815)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	5	0.4
(9,1815)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	5	0.4
(9,1815)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	5	0.4
(9,1713)	1:19:A:ALA:HB1	1:20:A:THR:HG21	19	0.4
(9,1713)	1:19:A:ALA:HB1	1:20:A:THR:HG22	19	0.4
(9,1713)	1:19:A:ALA:HB1	1:20:A:THR:HG23	19	0.4
(9,1713)	1:19:A:ALA:HB2	1:20:A:THR:HG21	19	0.4
(9,1713)	1:19:A:ALA:HB2	1:20:A:THR:HG22	19	0.4
(9,1713)	1:19:A:ALA:HB2	1:20:A:THR:HG23	19	0.4
(9,1713)	1:19:A:ALA:HB3	1:20:A:THR:HG21	19	0.4
(9,1713)	1:19:A:ALA:HB3	1:20:A:THR:HG22	19	0.4
(9,1713)	1:19:A:ALA:HB3	1:20:A:THR:HG23	19	0.4
(9,1548)	1:39:A:VAL:H	1:139:A:LEU:HD11	13	0.4
(9,1548)	1:39:A:VAL:H	1:139:A:LEU:HD12	13	0.4
(9,1548)	1:39:A:VAL:H	1:139:A:LEU:HD13	13	0.4
(9,1515)	1:69:A:MET:HE1	1:116:A:GLN:HE21	16	0.4
(9,1515)	1:69:A:MET:HE2	1:116:A:GLN:HE21	16	0.4
(9,1515)	1:69:A:MET:HE3	1:116:A:GLN:HE21	16	0.4
(9,1511)	1:69:A:MET:HE1	1:110:A:MET:H	17	0.4
(9,1511)	1:69:A:MET:HE2	1:110:A:MET:H	17	0.4
(9,1511)	1:69:A:MET:HE3	1:110:A:MET:H	17	0.4
(9,1475)	1:101:A:ILE:HG21	1:102:A:PRO:HA	5	0.4
(9,1475)	1:101:A:ILE:HG22	1:102:A:PRO:HA	5	0.4
(9,1475)	1:101:A:ILE:HG23	1:102:A:PRO:HA	5	0.4
(9,1470)	1:95:A:ILE:HG21	1:97:A:ASP:H	15	0.4
(9,1470)	1:95:A:ILE:HG22	1:97:A:ASP:H	15	0.4
(9,1470)	1:95:A:ILE:HG23	1:97:A:ASP:H	15	0.4
(9,1452)	1:13:A:ALA:HB1	1:79:A:THR:HB	1	0.4
(9,1452)	1:13:A:ALA:HB2	1:79:A:THR:HB	1	0.4
(9,1452)	1:13:A:ALA:HB3	1:79:A:THR:HB	1	0.4
(9,1427)	1:50:A:ALA:HB1	1:127:A:CYS:HA	5	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1427)	1:50:A:ALA:HB2	1:127:A:CYS:HA	5	0.4
(9,1427)	1:50:A:ALA:HB3	1:127:A:CYS:HA	5	0.4
(9,1388)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	7	0.4
(9,1388)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	7	0.4
(9,1388)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	7	0.4
(9,1388)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	7	0.4
(9,1388)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	7	0.4
(9,1388)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	7	0.4
(9,1189)	1:100:A:ALA:HB1	1:119:A:LEU:HD21	8	0.4
(9,1189)	1:100:A:ALA:HB1	1:119:A:LEU:HD22	8	0.4
(9,1189)	1:100:A:ALA:HB1	1:119:A:LEU:HD23	8	0.4
(9,1189)	1:100:A:ALA:HB2	1:119:A:LEU:HD21	8	0.4
(9,1189)	1:100:A:ALA:HB2	1:119:A:LEU:HD22	8	0.4
(9,1189)	1:100:A:ALA:HB2	1:119:A:LEU:HD23	8	0.4
(9,1189)	1:100:A:ALA:HB3	1:119:A:LEU:HD21	8	0.4
(9,1189)	1:100:A:ALA:HB3	1:119:A:LEU:HD22	8	0.4
(9,1189)	1:100:A:ALA:HB3	1:119:A:LEU:HD23	8	0.4
(9,1182)	1:106:A:ASP:H	1:107:A:LEU:HD21	17	0.4
(9,1182)	1:106:A:ASP:H	1:107:A:LEU:HD22	17	0.4
(9,1182)	1:106:A:ASP:H	1:107:A:LEU:HD23	17	0.4
(9,1024)	1:41:A:LYS:HA	1:44:A:GLU:HB2	7	0.4
(9,1024)	1:41:A:LYS:HA	1:44:A:GLU:HB3	7	0.4
(9,958)	1:66:A:THR:H	1:96:A:VAL:HB	17	0.4
(9,794)	1:54:A:ARG:HB3	1:58:A:ILE:HD11	17	0.4
(9,794)	1:54:A:ARG:HB3	1:58:A:ILE:HD12	17	0.4
(9,794)	1:54:A:ARG:HB3	1:58:A:ILE:HD13	17	0.4
(9,530)	1:74:A:PRO:HA	1:77:A:CYS:H	11	0.4
(9,384)	1:40:A:LEU:HB3	1:41:A:LYS:H	17	0.4
(9,294)	1:117:A:VAL:HB	1:118:A:ASP:H	15	0.4
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB2	2	0.4
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB3	2	0.4
(9,34)	1:95:A:ILE:HB	1:96:A:VAL:H	13	0.4
(9,15)	1:94:A:ALA:H	1:94:A:ALA:HB1	18	0.4
(9,15)	1:94:A:ALA:H	1:94:A:ALA:HB2	18	0.4
(9,15)	1:94:A:ALA:H	1:94:A:ALA:HB3	18	0.4
(7,2318)	1:107:A:LEU:HD11	1:112:A:GLN:H	1	0.4
(7,2318)	1:107:A:LEU:HD12	1:112:A:GLN:H	1	0.4
(7,2318)	1:107:A:LEU:HD13	1:112:A:GLN:H	1	0.4
(7,2318)	1:107:A:LEU:HD21	1:112:A:GLN:H	1	0.4
(7,2318)	1:107:A:LEU:HD22	1:112:A:GLN:H	1	0.4
(7,2318)	1:107:A:LEU:HD23	1:112:A:GLN:H	1	0.4
(7,2248)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	10	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2248)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	10	0.4
(7,2227)	1:69:A:MET:HG2	1:70:A:LYS:HG2	4	0.4
(7,2227)	1:69:A:MET:HG3	1:70:A:LYS:HG2	4	0.4
(7,2213)	1:65:A:CYS:HB2	1:69:A:MET:HG2	2	0.4
(7,2213)	1:65:A:CYS:HB2	1:69:A:MET:HG3	2	0.4
(7,2213)	1:65:A:CYS:HB3	1:69:A:MET:HG2	2	0.4
(7,2213)	1:65:A:CYS:HB3	1:69:A:MET:HG3	2	0.4
(7,2173)	1:57:A:LEU:HD11	1:60:A:LEU:HG	5	0.4
(7,2173)	1:57:A:LEU:HD12	1:60:A:LEU:HG	5	0.4
(7,2173)	1:57:A:LEU:HD13	1:60:A:LEU:HG	5	0.4
(7,2173)	1:57:A:LEU:HD21	1:60:A:LEU:HG	5	0.4
(7,2173)	1:57:A:LEU:HD22	1:60:A:LEU:HG	5	0.4
(7,2173)	1:57:A:LEU:HD23	1:60:A:LEU:HG	5	0.4
(7,1990)	1:22:A:ASP:H	1:23:A:LEU:HD11	3	0.4
(7,1990)	1:22:A:ASP:H	1:23:A:LEU:HD12	3	0.4
(7,1990)	1:22:A:ASP:H	1:23:A:LEU:HD13	3	0.4
(7,1990)	1:22:A:ASP:H	1:23:A:LEU:HD21	3	0.4
(7,1990)	1:22:A:ASP:H	1:23:A:LEU:HD22	3	0.4
(7,1990)	1:22:A:ASP:H	1:23:A:LEU:HD23	3	0.4
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	4	0.4
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	4	0.4
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	4	0.4
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	4	0.4
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	4	0.4
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	4	0.4
(7,1785)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	5	0.4
(7,1785)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	5	0.4
(7,1785)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	5	0.4
(7,1785)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	5	0.4
(7,1785)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	5	0.4
(7,1785)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	5	0.4
(7,1765)	1:9:A:PHE:HD1	1:11:A:ILE:HB	4	0.4
(7,1765)	1:9:A:PHE:HD2	1:11:A:ILE:HB	4	0.4
(7,1653)	1:69:A:MET:HA	1:109:A:PRO:HA	15	0.4
(7,1616)	1:97:A:ASP:HB2	1:102:A:PRO:HA	14	0.4
(7,1616)	1:97:A:ASP:HB3	1:102:A:PRO:HA	14	0.4
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	6	0.4
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	6	0.4
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	6	0.4
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD11	8	0.4
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD12	8	0.4
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD13	8	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD11	9	0.4
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD12	9	0.4
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD13	9	0.4
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD11	14	0.4
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD12	14	0.4
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD13	14	0.4
(7,1542)	1:11:A:ILE:HD11	1:14:A:VAL:H	8	0.4
(7,1542)	1:11:A:ILE:HD12	1:14:A:VAL:H	8	0.4
(7,1542)	1:11:A:ILE:HD13	1:14:A:VAL:H	8	0.4
(7,1542)	1:11:A:ILE:HD11	1:14:A:VAL:H	9	0.4
(7,1542)	1:11:A:ILE:HD12	1:14:A:VAL:H	9	0.4
(7,1542)	1:11:A:ILE:HD13	1:14:A:VAL:H	9	0.4
(7,1531)	1:143:A:TRP:H	1:144:A:LEU:HD11	8	0.4
(7,1531)	1:143:A:TRP:H	1:144:A:LEU:HD12	8	0.4
(7,1531)	1:143:A:TRP:H	1:144:A:LEU:HD13	8	0.4
(7,1458)	1:101:A:ILE:HG21	1:102:A:PRO:HA	5	0.4
(7,1458)	1:101:A:ILE:HG22	1:102:A:PRO:HA	5	0.4
(7,1458)	1:101:A:ILE:HG23	1:102:A:PRO:HA	5	0.4
(7,1415)	1:50:A:ALA:HB1	1:127:A:CYS:HA	5	0.4
(7,1415)	1:50:A:ALA:HB2	1:127:A:CYS:HA	5	0.4
(7,1415)	1:50:A:ALA:HB3	1:127:A:CYS:HA	5	0.4
(7,1378)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	7	0.4
(7,1378)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	7	0.4
(7,1378)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	7	0.4
(7,1378)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	7	0.4
(7,1378)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	7	0.4
(7,1378)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	7	0.4
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG11	17	0.4
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG12	17	0.4
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG13	17	0.4
(7,1320)	1:103:A:ARG:HG2	1:106:A:ASP:HA	18	0.4
(7,1320)	1:103:A:ARG:HG3	1:106:A:ASP:HA	18	0.4
(7,952)	1:43:A:MET:HB2	1:140:A:LEU:HD11	5	0.4
(7,952)	1:43:A:MET:HB2	1:140:A:LEU:HD12	5	0.4
(7,952)	1:43:A:MET:HB2	1:140:A:LEU:HD13	5	0.4
(7,917)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	14	0.4
(7,917)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	14	0.4
(7,917)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	14	0.4
(7,917)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	14	0.4
(7,682)	1:145:A:PRO:HB2	1:148:A:CYS:H	18	0.4
(7,442)	1:68:A:LYS:H	1:70:A:LYS:HG3	17	0.4
(7,438)	1:143:A:TRP:H	1:144:A:LEU:HD21	14	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,438)	1:143:A:TRP:H	1:144:A:LEU:HD22	14	0.4
(7,438)	1:143:A:TRP:H	1:144:A:LEU:HD23	14	0.4
(7,320)	1:46:A:ASN:H	1:48:A:ARG:HB2	15	0.4
(7,320)	1:46:A:ASN:H	1:48:A:ARG:HB3	15	0.4
(7,311)	1:43:A:MET:H	1:140:A:LEU:HD11	2	0.4
(7,311)	1:43:A:MET:H	1:140:A:LEU:HD12	2	0.4
(7,311)	1:43:A:MET:H	1:140:A:LEU:HD13	2	0.4
(7,288)	1:117:A:VAL:HB	1:118:A:ASP:H	15	0.4
(7,89)	1:96:A:VAL:H	1:97:A:ASP:H	8	0.4
(7,89)	1:96:A:VAL:H	1:97:A:ASP:H	19	0.4
(7,14)	1:94:A:ALA:H	1:94:A:ALA:HB1	18	0.4
(7,14)	1:94:A:ALA:H	1:94:A:ALA:HB2	18	0.4
(7,14)	1:94:A:ALA:H	1:94:A:ALA:HB3	18	0.4
(6,2465)	1:141:A:LYS:H	1:148:A:CYS:HB2	8	0.4
(6,2465)	1:141:A:LYS:H	1:148:A:CYS:HB3	8	0.4
(6,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	3	0.4
(6,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	3	0.4
(6,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	3	0.4
(6,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	3	0.4
(6,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	3	0.4
(6,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	3	0.4
(6,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	3	0.4
(6,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	3	0.4
(6,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	3	0.4
(6,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	3	0.4
(6,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	3	0.4
(6,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	3	0.4
(6,2431)	1:134:A:VAL:HG11	1:137:A:SER:H	16	0.4
(6,2431)	1:134:A:VAL:HG12	1:137:A:SER:H	16	0.4
(6,2431)	1:134:A:VAL:HG13	1:137:A:SER:H	16	0.4
(6,2431)	1:134:A:VAL:HG21	1:137:A:SER:H	16	0.4
(6,2431)	1:134:A:VAL:HG22	1:137:A:SER:H	16	0.4
(6,2431)	1:134:A:VAL:HG23	1:137:A:SER:H	16	0.4
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG11	7	0.4
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG12	7	0.4
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG13	7	0.4
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG21	7	0.4
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG22	7	0.4
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG23	7	0.4
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG11	13	0.4
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG12	13	0.4
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG13	13	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG21	13	0.4
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG22	13	0.4
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG23	13	0.4
(6,2278)	1:79:A:THR:HG21	1:81:A:GLU:HB2	17	0.4
(6,2278)	1:79:A:THR:HG21	1:81:A:GLU:HB3	17	0.4
(6,2278)	1:79:A:THR:HG22	1:81:A:GLU:HB2	17	0.4
(6,2278)	1:79:A:THR:HG22	1:81:A:GLU:HB3	17	0.4
(6,2278)	1:79:A:THR:HG23	1:81:A:GLU:HB2	17	0.4
(6,2278)	1:79:A:THR:HG23	1:81:A:GLU:HB3	17	0.4
(6,2233)	1:65:A:CYS:HB2	1:69:A:MET:HG2	2	0.4
(6,2233)	1:65:A:CYS:HB2	1:69:A:MET:HG3	2	0.4
(6,2233)	1:65:A:CYS:HB3	1:69:A:MET:HG2	2	0.4
(6,2233)	1:65:A:CYS:HB3	1:69:A:MET:HG3	2	0.4
(6,2210)	1:60:A:LEU:HD11	1:61:A:SER:HB2	13	0.4
(6,2210)	1:60:A:LEU:HD11	1:61:A:SER:HB3	13	0.4
(6,2210)	1:60:A:LEU:HD12	1:61:A:SER:HB2	13	0.4
(6,2210)	1:60:A:LEU:HD12	1:61:A:SER:HB3	13	0.4
(6,2210)	1:60:A:LEU:HD13	1:61:A:SER:HB2	13	0.4
(6,2210)	1:60:A:LEU:HD13	1:61:A:SER:HB3	13	0.4
(6,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD11	17	0.4
(6,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD12	17	0.4
(6,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD13	17	0.4
(6,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD21	17	0.4
(6,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD22	17	0.4
(6,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD23	17	0.4
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	13	0.4
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	13	0.4
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	13	0.4
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	13	0.4
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	13	0.4
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	13	0.4
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	13	0.4
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	13	0.4
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	13	0.4
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	13	0.4
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	13	0.4
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	13	0.4
(6,2029)	1:17:A:ASN:HD21	1:79:A:THR:H	9	0.4
(6,2029)	1:17:A:ASN:HD22	1:79:A:THR:H	9	0.4
(6,2025)	1:17:A:ASN:HB2	1:76:A:ARG:HA	19	0.4
(6,2025)	1:17:A:ASN:HB3	1:76:A:ARG:HA	19	0.4
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	11	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	11	0.4
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	11	0.4
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG21	11	0.4
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG22	11	0.4
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG23	11	0.4
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	5	0.4
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	5	0.4
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	5	0.4
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	5	0.4
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	5	0.4
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	5	0.4
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	5	0.4
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	5	0.4
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	5	0.4
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	5	0.4
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	5	0.4
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	5	0.4
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	5	0.4
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	5	0.4
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	5	0.4
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	5	0.4
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	5	0.4
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	5	0.4
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	14	0.4
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	14	0.4
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	14	0.4
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	14	0.4
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	14	0.4
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	14	0.4
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	14	0.4
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	14	0.4
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	14	0.4
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	14	0.4
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	14	0.4
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	14	0.4
(6,1924)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	18	0.4
(6,1811)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	6	0.4
(6,1811)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	6	0.4
(6,1804)	1:9:A:PHE:HD1	1:11:A:ILE:HB	4	0.4
(6,1804)	1:9:A:PHE:HD2	1:11:A:ILE:HB	4	0.4
(6,1744)	1:105:A:LYS:HG3	1:106:A:ASP:HA	10	0.4
(6,1656)	1:134:A:VAL:HG21	1:137:A:SER:H	13	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1656)	1:134:A:VAL:HG22	1:137:A:SER:H	13	0.4
(6,1656)	1:134:A:VAL:HG23	1:137:A:SER:H	13	0.4
(6,1647)	1:97:A:ASP:HB2	1:102:A:PRO:HA	14	0.4
(6,1647)	1:97:A:ASP:HB3	1:102:A:PRO:HA	14	0.4
(6,1616)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	1	0.4
(6,1616)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	1	0.4
(6,1616)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	1	0.4
(6,1428)	1:50:A:ALA:HB1	1:127:A:CYS:HA	5	0.4
(6,1428)	1:50:A:ALA:HB2	1:127:A:CYS:HA	5	0.4
(6,1428)	1:50:A:ALA:HB3	1:127:A:CYS:HA	5	0.4
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	1	0.4
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	1	0.4
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	1	0.4
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	1	0.4
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	1	0.4
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	1	0.4
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG11	17	0.4
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG12	17	0.4
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG13	17	0.4
(6,1340)	1:17:A:ASN:HA	1:76:A:ARG:HA	9	0.4
(6,1170)	1:106:A:ASP:H	1:107:A:LEU:HD21	17	0.4
(6,1170)	1:106:A:ASP:H	1:107:A:LEU:HD22	17	0.4
(6,1170)	1:106:A:ASP:H	1:107:A:LEU:HD23	17	0.4
(6,1029)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	16	0.4
(6,1029)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	16	0.4
(6,1029)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	16	0.4
(6,1029)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	16	0.4
(6,1029)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	16	0.4
(6,1029)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	16	0.4
(6,1012)	1:41:A:LYS:HA	1:44:A:GLU:HB2	7	0.4
(6,1012)	1:41:A:LYS:HA	1:44:A:GLU:HB3	7	0.4
(6,956)	1:11:A:ILE:HG13	1:14:A:VAL:HB	11	0.4
(6,871)	1:138:A:ASP:HB2	1:141:A:LYS:HB2	7	0.4
(6,871)	1:138:A:ASP:HB2	1:141:A:LYS:HB3	7	0.4
(6,871)	1:138:A:ASP:HB3	1:141:A:LYS:HB2	7	0.4
(6,871)	1:138:A:ASP:HB3	1:141:A:LYS:HB3	7	0.4
(6,710)	1:48:A:ARG:HE	1:49:A:LYS:H	18	0.4
(6,662)	1:63:A:ILE:HD11	1:116:A:GLN:H	16	0.4
(6,662)	1:63:A:ILE:HD12	1:116:A:GLN:H	16	0.4
(6,662)	1:63:A:ILE:HD13	1:116:A:GLN:H	16	0.4
(6,521)	1:74:A:PRO:HA	1:77:A:CYS:H	11	0.4
(6,31)	1:95:A:ILE:HB	1:96:A:VAL:H	13	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,30)	1:96:A:VAL:H	1:97:A:ASP:HB2	6	0.4
(6,30)	1:96:A:VAL:H	1:97:A:ASP:HB3	6	0.4
(5,2394)	1:127:A:CYS:H	1:129:A:LYS:HG2	19	0.4
(5,2394)	1:127:A:CYS:H	1:129:A:LYS:HG3	19	0.4
(5,2331)	1:107:A:LEU:HD11	1:112:A:GLN:HA	1	0.4
(5,2331)	1:107:A:LEU:HD12	1:112:A:GLN:HA	1	0.4
(5,2331)	1:107:A:LEU:HD13	1:112:A:GLN:HA	1	0.4
(5,2331)	1:107:A:LEU:HD21	1:112:A:GLN:HA	1	0.4
(5,2331)	1:107:A:LEU:HD22	1:112:A:GLN:HA	1	0.4
(5,2331)	1:107:A:LEU:HD23	1:112:A:GLN:HA	1	0.4
(5,2223)	1:65:A:CYS:HB2	1:69:A:MET:HG2	2	0.4
(5,2223)	1:65:A:CYS:HB2	1:69:A:MET:HG3	2	0.4
(5,2223)	1:65:A:CYS:HB3	1:69:A:MET:HG2	2	0.4
(5,2223)	1:65:A:CYS:HB3	1:69:A:MET:HG3	2	0.4
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	9	0.4
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	9	0.4
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	9	0.4
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	9	0.4
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	9	0.4
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	9	0.4
(5,2135)	1:43:A:MET:H	1:43:A:MET:HG2	2	0.4
(5,2135)	1:43:A:MET:H	1:43:A:MET:HG3	2	0.4
(5,2135)	1:43:A:MET:H	1:43:A:MET:HG2	15	0.4
(5,2135)	1:43:A:MET:H	1:43:A:MET:HG3	15	0.4
(5,2131)	1:42:A:GLU:H	1:139:A:LEU:HD11	17	0.4
(5,2131)	1:42:A:GLU:H	1:139:A:LEU:HD12	17	0.4
(5,2131)	1:42:A:GLU:H	1:139:A:LEU:HD13	17	0.4
(5,2131)	1:42:A:GLU:H	1:139:A:LEU:HD21	17	0.4
(5,2131)	1:42:A:GLU:H	1:139:A:LEU:HD22	17	0.4
(5,2131)	1:42:A:GLU:H	1:139:A:LEU:HD23	17	0.4
(5,2126)	1:40:A:LEU:HD11	1:44:A:GLU:H	17	0.4
(5,2126)	1:40:A:LEU:HD12	1:44:A:GLU:H	17	0.4
(5,2126)	1:40:A:LEU:HD13	1:44:A:GLU:H	17	0.4
(5,2126)	1:40:A:LEU:HD21	1:44:A:GLU:H	17	0.4
(5,2126)	1:40:A:LEU:HD22	1:44:A:GLU:H	17	0.4
(5,2126)	1:40:A:LEU:HD23	1:44:A:GLU:H	17	0.4
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD11	13	0.4
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD12	13	0.4
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD13	13	0.4
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD21	13	0.4
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD22	13	0.4
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD23	13	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD11	10	0.4
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD12	10	0.4
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD13	10	0.4
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD21	10	0.4
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD22	10	0.4
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD23	10	0.4
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG11	16	0.4
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG12	16	0.4
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG13	16	0.4
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG21	16	0.4
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG22	16	0.4
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG23	16	0.4
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG11	16	0.4
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG12	16	0.4
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG13	16	0.4
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG21	16	0.4
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG22	16	0.4
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG23	16	0.4
(5,1979)	1:14:A:VAL:HB	1:57:A:LEU:HD11	8	0.4
(5,1979)	1:14:A:VAL:HB	1:57:A:LEU:HD12	8	0.4
(5,1979)	1:14:A:VAL:HB	1:57:A:LEU:HD13	8	0.4
(5,1979)	1:14:A:VAL:HB	1:57:A:LEU:HD21	8	0.4
(5,1979)	1:14:A:VAL:HB	1:57:A:LEU:HD22	8	0.4
(5,1979)	1:14:A:VAL:HB	1:57:A:LEU:HD23	8	0.4
(5,1925)	1:150:A:THR:H	1:151:A:PHE:HD1	19	0.4
(5,1925)	1:150:A:THR:H	1:151:A:PHE:HD2	19	0.4
(5,1897)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	1	0.4
(5,1897)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	1	0.4
(5,1897)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	1	0.4
(5,1897)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	1	0.4
(5,1897)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	1	0.4
(5,1897)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	1	0.4
(5,1893)	1:9:A:PHE:HE1	1:14:A:VAL:HB	2	0.4
(5,1893)	1:9:A:PHE:HE2	1:14:A:VAL:HB	2	0.4
(5,1833)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	6	0.4
(5,1833)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	6	0.4
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG21	6	0.4
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG22	6	0.4
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG23	6	0.4
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG21	6	0.4
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG22	6	0.4
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG23	6	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG21	6	0.4
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG22	6	0.4
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG23	6	0.4
(5,1747)	1:21:A:THR:HG21	1:24:A:ASP:H	11	0.4
(5,1747)	1:21:A:THR:HG22	1:24:A:ASP:H	11	0.4
(5,1747)	1:21:A:THR:HG23	1:24:A:ASP:H	11	0.4
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG21	17	0.4
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG22	17	0.4
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG23	17	0.4
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG21	17	0.4
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG22	17	0.4
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG23	17	0.4
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG21	17	0.4
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG22	17	0.4
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG23	17	0.4
(5,1660)	1:134:A:VAL:HG21	1:137:A:SER:H	13	0.4
(5,1660)	1:134:A:VAL:HG22	1:137:A:SER:H	13	0.4
(5,1660)	1:134:A:VAL:HG23	1:137:A:SER:H	13	0.4
(5,1658)	1:97:A:ASP:HB2	1:102:A:PRO:HA	14	0.4
(5,1658)	1:97:A:ASP:HB3	1:102:A:PRO:HA	14	0.4
(5,1632)	1:23:A:LEU:HB2	1:24:A:ASP:HA	3	0.4
(5,1632)	1:23:A:LEU:HB3	1:24:A:ASP:HA	3	0.4
(5,1583)	1:11:A:ILE:HD11	1:14:A:VAL:H	8	0.4
(5,1583)	1:11:A:ILE:HD12	1:14:A:VAL:H	8	0.4
(5,1583)	1:11:A:ILE:HD13	1:14:A:VAL:H	8	0.4
(5,1583)	1:11:A:ILE:HD11	1:14:A:VAL:H	9	0.4
(5,1583)	1:11:A:ILE:HD12	1:14:A:VAL:H	9	0.4
(5,1583)	1:11:A:ILE:HD13	1:14:A:VAL:H	9	0.4
(5,1536)	1:69:A:MET:HE1	1:113:A:PHE:HE1	3	0.4
(5,1536)	1:69:A:MET:HE1	1:113:A:PHE:HE2	3	0.4
(5,1536)	1:69:A:MET:HE2	1:113:A:PHE:HE1	3	0.4
(5,1536)	1:69:A:MET:HE2	1:113:A:PHE:HE2	3	0.4
(5,1536)	1:69:A:MET:HE3	1:113:A:PHE:HE1	3	0.4
(5,1536)	1:69:A:MET:HE3	1:113:A:PHE:HE2	3	0.4
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	1	0.4
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	1	0.4
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	1	0.4
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	1	0.4
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	1	0.4
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	1	0.4
(5,1417)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	8	0.4
(5,1417)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	8	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1417)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	8	0.4
(5,1361)	1:105:A:LYS:HG2	1:106:A:ASP:HA	14	0.4
(5,1358)	1:103:A:ARG:HG2	1:106:A:ASP:HA	18	0.4
(5,1358)	1:103:A:ARG:HG3	1:106:A:ASP:HA	18	0.4
(5,1349)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	4	0.4
(5,1349)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	4	0.4
(5,1349)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	4	0.4
(5,1349)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	4	0.4
(5,1349)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	4	0.4
(5,1349)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	4	0.4
(5,1349)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	4	0.4
(5,1349)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	4	0.4
(5,1349)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	4	0.4
(5,1194)	1:100:A:ALA:HB1	1:119:A:LEU:HD21	8	0.4
(5,1194)	1:100:A:ALA:HB1	1:119:A:LEU:HD22	8	0.4
(5,1194)	1:100:A:ALA:HB1	1:119:A:LEU:HD23	8	0.4
(5,1194)	1:100:A:ALA:HB2	1:119:A:LEU:HD21	8	0.4
(5,1194)	1:100:A:ALA:HB2	1:119:A:LEU:HD22	8	0.4
(5,1194)	1:100:A:ALA:HB2	1:119:A:LEU:HD23	8	0.4
(5,1194)	1:100:A:ALA:HB3	1:119:A:LEU:HD21	8	0.4
(5,1194)	1:100:A:ALA:HB3	1:119:A:LEU:HD22	8	0.4
(5,1194)	1:100:A:ALA:HB3	1:119:A:LEU:HD23	8	0.4
(5,1187)	1:106:A:ASP:H	1:107:A:LEU:HD21	17	0.4
(5,1187)	1:106:A:ASP:H	1:107:A:LEU:HD22	17	0.4
(5,1187)	1:106:A:ASP:H	1:107:A:LEU:HD23	17	0.4
(5,1037)	1:41:A:LYS:HA	1:44:A:GLU:HB2	7	0.4
(5,1037)	1:41:A:LYS:HA	1:44:A:GLU:HB3	7	0.4
(5,990)	1:12:A:VAL:HB	1:43:A:MET:HE1	3	0.4
(5,990)	1:12:A:VAL:HB	1:43:A:MET:HE2	3	0.4
(5,990)	1:12:A:VAL:HB	1:43:A:MET:HE3	3	0.4
(5,929)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	14	0.4
(5,929)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	14	0.4
(5,929)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	14	0.4
(5,929)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	14	0.4
(5,781)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	6	0.4
(5,781)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	6	0.4
(5,781)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	6	0.4
(5,781)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	6	0.4
(5,781)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	6	0.4
(5,781)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	6	0.4
(5,711)	1:45:A:ALA:HB1	1:48:A:ARG:HE	1	0.4
(5,711)	1:45:A:ALA:HB2	1:48:A:ARG:HE	1	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,711)	1:45:A:ALA:HB3	1:48:A:ARG:HE	1	0.4
(5,711)	1:45:A:ALA:HB1	1:48:A:ARG:HE	3	0.4
(5,711)	1:45:A:ALA:HB2	1:48:A:ARG:HE	3	0.4
(5,711)	1:45:A:ALA:HB3	1:48:A:ARG:HE	3	0.4
(5,283)	1:117:A:VAL:HB	1:118:A:ASP:H	15	0.4
(5,34)	1:95:A:ILE:HB	1:96:A:VAL:H	13	0.4
(5,33)	1:96:A:VAL:H	1:97:A:ASP:HB2	6	0.4
(5,33)	1:96:A:VAL:H	1:97:A:ASP:HB3	6	0.4
(5,16)	1:94:A:ALA:H	1:94:A:ALA:HB1	18	0.4
(5,16)	1:94:A:ALA:H	1:94:A:ALA:HB2	18	0.4
(5,16)	1:94:A:ALA:H	1:94:A:ALA:HB3	18	0.4
(4,2464)	1:141:A:LYS:H	1:148:A:CYS:HB2	8	0.4
(4,2464)	1:141:A:LYS:H	1:148:A:CYS:HB3	8	0.4
(4,2430)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	3	0.4
(4,2430)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	3	0.4
(4,2430)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	3	0.4
(4,2430)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	3	0.4
(4,2430)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	3	0.4
(4,2430)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	3	0.4
(4,2430)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	3	0.4
(4,2430)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	3	0.4
(4,2430)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	3	0.4
(4,2430)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	3	0.4
(4,2430)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	3	0.4
(4,2430)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	3	0.4
(4,2253)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	19	0.4
(4,2253)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	19	0.4
(4,2221)	1:65:A:CYS:HB2	1:69:A:MET:HG2	2	0.4
(4,2221)	1:65:A:CYS:HB2	1:69:A:MET:HG3	2	0.4
(4,2221)	1:65:A:CYS:HB3	1:69:A:MET:HG2	2	0.4
(4,2221)	1:65:A:CYS:HB3	1:69:A:MET:HG3	2	0.4
(4,2189)	1:57:A:LEU:HD11	1:60:A:LEU:H	4	0.4
(4,2189)	1:57:A:LEU:HD12	1:60:A:LEU:H	4	0.4
(4,2189)	1:57:A:LEU:HD13	1:60:A:LEU:H	4	0.4
(4,2189)	1:57:A:LEU:HD21	1:60:A:LEU:H	4	0.4
(4,2189)	1:57:A:LEU:HD22	1:60:A:LEU:H	4	0.4
(4,2189)	1:57:A:LEU:HD23	1:60:A:LEU:H	4	0.4
(4,2189)	1:57:A:LEU:HD11	1:60:A:LEU:H	5	0.4
(4,2189)	1:57:A:LEU:HD12	1:60:A:LEU:H	5	0.4
(4,2189)	1:57:A:LEU:HD13	1:60:A:LEU:H	5	0.4
(4,2189)	1:57:A:LEU:HD21	1:60:A:LEU:H	5	0.4
(4,2189)	1:57:A:LEU:HD22	1:60:A:LEU:H	5	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2189)	1:57:A:LEU:HD23	1:60:A:LEU:H	5	0.4
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD11	18	0.4
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD12	18	0.4
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD13	18	0.4
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD21	18	0.4
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD22	18	0.4
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD23	18	0.4
(4,2131)	1:42:A:GLU:H	1:139:A:LEU:HD11	17	0.4
(4,2131)	1:42:A:GLU:H	1:139:A:LEU:HD12	17	0.4
(4,2131)	1:42:A:GLU:H	1:139:A:LEU:HD13	17	0.4
(4,2131)	1:42:A:GLU:H	1:139:A:LEU:HD21	17	0.4
(4,2131)	1:42:A:GLU:H	1:139:A:LEU:HD22	17	0.4
(4,2131)	1:42:A:GLU:H	1:139:A:LEU:HD23	17	0.4
(4,2030)	1:22:A:ASP:H	1:23:A:LEU:HD11	3	0.4
(4,2030)	1:22:A:ASP:H	1:23:A:LEU:HD12	3	0.4
(4,2030)	1:22:A:ASP:H	1:23:A:LEU:HD13	3	0.4
(4,2030)	1:22:A:ASP:H	1:23:A:LEU:HD21	3	0.4
(4,2030)	1:22:A:ASP:H	1:23:A:LEU:HD22	3	0.4
(4,2030)	1:22:A:ASP:H	1:23:A:LEU:HD23	3	0.4
(4,1922)	1:10:A:ASN:HB2	1:61:A:SER:HA	15	0.4
(4,1922)	1:10:A:ASN:HB3	1:61:A:SER:HA	15	0.4
(4,1889)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	15	0.4
(4,1839)	1:18:A:PHE:HA	1:113:A:PHE:HE1	10	0.4
(4,1839)	1:18:A:PHE:HA	1:113:A:PHE:HE2	10	0.4
(4,1803)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	5	0.4
(4,1803)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	5	0.4
(4,1803)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	5	0.4
(4,1786)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	6	0.4
(4,1786)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	6	0.4
(4,1771)	1:72:A:PHE:HD1	1:109:A:PRO:HB2	2	0.4
(4,1771)	1:72:A:PHE:HD1	1:109:A:PRO:HB3	2	0.4
(4,1771)	1:72:A:PHE:HD2	1:109:A:PRO:HB2	2	0.4
(4,1771)	1:72:A:PHE:HD2	1:109:A:PRO:HB3	2	0.4
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD11	15	0.4
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD12	15	0.4
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD13	15	0.4
(4,1663)	1:69:A:MET:HA	1:109:A:PRO:HA	15	0.4
(4,1621)	1:97:A:ASP:HB2	1:102:A:PRO:HA	14	0.4
(4,1621)	1:97:A:ASP:HB3	1:102:A:PRO:HA	14	0.4
(4,1496)	1:69:A:MET:HE1	1:110:A:MET:H	17	0.4
(4,1496)	1:69:A:MET:HE2	1:110:A:MET:H	17	0.4
(4,1496)	1:69:A:MET:HE3	1:110:A:MET:H	17	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1387)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	18	0.4
(4,1387)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	18	0.4
(4,1387)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	18	0.4
(4,1321)	1:103:A:ARG:HG2	1:106:A:ASP:HA	18	0.4
(4,1321)	1:103:A:ARG:HG3	1:106:A:ASP:HA	18	0.4
(4,1230)	1:23:A:LEU:HD11	1:24:A:ASP:H	15	0.4
(4,1230)	1:23:A:LEU:HD12	1:24:A:ASP:H	15	0.4
(4,1230)	1:23:A:LEU:HD13	1:24:A:ASP:H	15	0.4
(4,1160)	1:106:A:ASP:H	1:107:A:LEU:HD21	17	0.4
(4,1160)	1:106:A:ASP:H	1:107:A:LEU:HD22	17	0.4
(4,1160)	1:106:A:ASP:H	1:107:A:LEU:HD23	17	0.4
(4,940)	1:11:A:ILE:HD11	1:12:A:VAL:HA	12	0.4
(4,940)	1:11:A:ILE:HD12	1:12:A:VAL:HA	12	0.4
(4,940)	1:11:A:ILE:HD13	1:12:A:VAL:HA	12	0.4
(4,875)	1:138:A:ASP:HB2	1:141:A:LYS:HB2	7	0.4
(4,875)	1:138:A:ASP:HB2	1:141:A:LYS:HB3	7	0.4
(4,875)	1:138:A:ASP:HB3	1:141:A:LYS:HB2	7	0.4
(4,875)	1:138:A:ASP:HB3	1:141:A:LYS:HB3	7	0.4
(4,514)	1:74:A:PRO:HA	1:77:A:CYS:H	11	0.4
(4,315)	1:46:A:ASN:H	1:48:A:ARG:HB2	15	0.4
(4,315)	1:46:A:ASN:H	1:48:A:ARG:HB3	15	0.4
(4,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	18	0.4
(4,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	18	0.4
(4,257)	1:39:A:VAL:H	1:39:A:VAL:HB	1	0.4
(4,257)	1:39:A:VAL:H	1:39:A:VAL:HB	14	0.4
(4,228)	1:10:A:ASN:H	1:13:A:ALA:HB1	7	0.4
(4,228)	1:10:A:ASN:H	1:13:A:ALA:HB2	7	0.4
(4,228)	1:10:A:ASN:H	1:13:A:ALA:HB3	7	0.4
(4,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	11	0.4
(4,16)	1:94:A:ALA:H	1:94:A:ALA:HB1	18	0.4
(4,16)	1:94:A:ALA:H	1:94:A:ALA:HB2	18	0.4
(4,16)	1:94:A:ALA:H	1:94:A:ALA:HB3	18	0.4
(3,2499)	1:140:A:LEU:HD11	1:144:A:LEU:H	6	0.4
(3,2499)	1:140:A:LEU:HD12	1:144:A:LEU:H	6	0.4
(3,2499)	1:140:A:LEU:HD13	1:144:A:LEU:H	6	0.4
(3,2499)	1:140:A:LEU:HD21	1:144:A:LEU:H	6	0.4
(3,2499)	1:140:A:LEU:HD22	1:144:A:LEU:H	6	0.4
(3,2499)	1:140:A:LEU:HD23	1:144:A:LEU:H	6	0.4
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	10	0.4
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	10	0.4
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	10	0.4
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	10	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	10	0.4
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	10	0.4
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	10	0.4
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	10	0.4
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	10	0.4
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	10	0.4
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	10	0.4
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	10	0.4
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE1	11	0.4
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE2	11	0.4
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE3	11	0.4
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE1	11	0.4
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE2	11	0.4
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE3	11	0.4
(3,2230)	1:60:A:LEU:HD11	1:120:A:CYS:HA	18	0.4
(3,2230)	1:60:A:LEU:HD12	1:120:A:CYS:HA	18	0.4
(3,2230)	1:60:A:LEU:HD13	1:120:A:CYS:HA	18	0.4
(3,2230)	1:60:A:LEU:HD21	1:120:A:CYS:HA	18	0.4
(3,2230)	1:60:A:LEU:HD22	1:120:A:CYS:HA	18	0.4
(3,2230)	1:60:A:LEU:HD23	1:120:A:CYS:HA	18	0.4
(3,2193)	1:47:A:ALA:H	1:134:A:VAL:HG11	11	0.4
(3,2193)	1:47:A:ALA:H	1:134:A:VAL:HG12	11	0.4
(3,2193)	1:47:A:ALA:H	1:134:A:VAL:HG13	11	0.4
(3,2193)	1:47:A:ALA:H	1:134:A:VAL:HG21	11	0.4
(3,2193)	1:47:A:ALA:H	1:134:A:VAL:HG22	11	0.4
(3,2193)	1:47:A:ALA:H	1:134:A:VAL:HG23	11	0.4
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG11	14	0.4
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG12	14	0.4
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG13	14	0.4
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG21	14	0.4
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG22	14	0.4
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG23	14	0.4
(3,2042)	1:17:A:ASN:HB2	1:76:A:ARG:HA	19	0.4
(3,2042)	1:17:A:ASN:HB3	1:76:A:ARG:HA	19	0.4
(3,1965)	1:10:A:ASN:HB2	1:61:A:SER:HA	15	0.4
(3,1965)	1:10:A:ASN:HB3	1:61:A:SER:HA	15	0.4
(3,1950)	1:14:A:VAL:HB	1:18:A:PHE:HZ	15	0.4
(3,1949)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	15	0.4
(3,1949)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	15	0.4
(3,1940)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	18	0.4
(3,1939)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	15	0.4
(3,1867)	1:61:A:SER:H	1:62:A:HIS:HD2	19	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	5	0.4
(3,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	5	0.4
(3,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	5	0.4
(3,1827)	1:9:A:PHE:HD1	1:11:A:ILE:HB	4	0.4
(3,1827)	1:9:A:PHE:HD2	1:11:A:ILE:HB	4	0.4
(3,1753)	1:19:A:ALA:HB1	1:20:A:THR:HG21	19	0.4
(3,1753)	1:19:A:ALA:HB1	1:20:A:THR:HG22	19	0.4
(3,1753)	1:19:A:ALA:HB1	1:20:A:THR:HG23	19	0.4
(3,1753)	1:19:A:ALA:HB2	1:20:A:THR:HG21	19	0.4
(3,1753)	1:19:A:ALA:HB2	1:20:A:THR:HG22	19	0.4
(3,1753)	1:19:A:ALA:HB2	1:20:A:THR:HG23	19	0.4
(3,1753)	1:19:A:ALA:HB3	1:20:A:THR:HG21	19	0.4
(3,1753)	1:19:A:ALA:HB3	1:20:A:THR:HG22	19	0.4
(3,1753)	1:19:A:ALA:HB3	1:20:A:THR:HG23	19	0.4
(3,1723)	1:11:A:ILE:HG12	1:57:A:LEU:HB3	18	0.4
(3,1676)	1:97:A:ASP:HB2	1:102:A:PRO:HA	14	0.4
(3,1676)	1:97:A:ASP:HB3	1:102:A:PRO:HA	14	0.4
(3,1539)	1:69:A:MET:HE1	1:110:A:MET:H	17	0.4
(3,1539)	1:69:A:MET:HE2	1:110:A:MET:H	17	0.4
(3,1539)	1:69:A:MET:HE3	1:110:A:MET:H	17	0.4
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG21	2	0.4
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG22	2	0.4
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG23	2	0.4
(3,1419)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	7	0.4
(3,1419)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	7	0.4
(3,1419)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	7	0.4
(3,1419)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	7	0.4
(3,1419)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	7	0.4
(3,1419)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	7	0.4
(3,1368)	1:17:A:ASN:HA	1:76:A:ARG:HA	9	0.4
(3,1276)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	4	0.4
(3,1276)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	4	0.4
(3,1276)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	4	0.4
(3,1276)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	4	0.4
(3,1276)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	4	0.4
(3,1276)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	4	0.4
(3,1276)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	4	0.4
(3,1276)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	4	0.4
(3,1276)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	4	0.4
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD21	4	0.4
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD22	4	0.4
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD23	4	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1245)	1:34:A:LYS:H	1:81:A:GLU:HA	18	0.4
(3,1104)	1:48:A:ARG:HG2	1:49:A:LYS:HA	3	0.4
(3,1104)	1:48:A:ARG:HG3	1:49:A:LYS:HA	3	0.4
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD11	6	0.4
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD12	6	0.4
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD13	6	0.4
(3,1047)	1:41:A:LYS:HA	1:44:A:GLU:HB2	7	0.4
(3,1047)	1:41:A:LYS:HA	1:44:A:GLU:HB3	7	0.4
(3,1006)	1:12:A:VAL:HB	1:43:A:MET:HE1	3	0.4
(3,1006)	1:12:A:VAL:HB	1:43:A:MET:HE2	3	0.4
(3,1006)	1:12:A:VAL:HB	1:43:A:MET:HE3	3	0.4
(3,945)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	14	0.4
(3,945)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	14	0.4
(3,945)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	14	0.4
(3,945)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	14	0.4
(3,944)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	14	0.4
(3,944)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	14	0.4
(3,834)	1:98:A:ILE:HD11	1:119:A:LEU:HG	10	0.4
(3,834)	1:98:A:ILE:HD12	1:119:A:LEU:HG	10	0.4
(3,834)	1:98:A:ILE:HD13	1:119:A:LEU:HG	10	0.4
(3,788)	1:101:A:ILE:HD11	1:118:A:ASP:H	19	0.4
(3,788)	1:101:A:ILE:HD12	1:118:A:ASP:H	19	0.4
(3,788)	1:101:A:ILE:HD13	1:118:A:ASP:H	19	0.4
(3,729)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	7	0.4
(3,729)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	7	0.4
(3,729)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	7	0.4
(3,526)	1:74:A:PRO:HA	1:77:A:CYS:H	11	0.4
(3,485)	1:145:A:PRO:HB2	1:148:A:CYS:H	7	0.4
(3,288)	1:117:A:VAL:HB	1:118:A:ASP:H	15	0.4
(3,260)	1:39:A:VAL:H	1:39:A:VAL:HB	1	0.4
(3,260)	1:39:A:VAL:H	1:39:A:VAL:HB	14	0.4
(3,34)	1:96:A:VAL:H	1:97:A:ASP:HB2	6	0.4
(3,34)	1:96:A:VAL:H	1:97:A:ASP:HB3	6	0.4
(3,18)	1:94:A:ALA:H	1:94:A:ALA:HB1	18	0.4
(3,18)	1:94:A:ALA:H	1:94:A:ALA:HB2	18	0.4
(3,18)	1:94:A:ALA:H	1:94:A:ALA:HB3	18	0.4
(2,2465)	1:141:A:LYS:H	1:148:A:CYS:HB2	8	0.4
(2,2465)	1:141:A:LYS:H	1:148:A:CYS:HB3	8	0.4
(2,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	3	0.4
(2,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	3	0.4
(2,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	3	0.4
(2,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	3	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	3	0.4
(2,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	3	0.4
(2,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	3	0.4
(2,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	3	0.4
(2,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	3	0.4
(2,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	3	0.4
(2,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	3	0.4
(2,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	3	0.4
(2,2249)	1:65:A:CYS:HB2	1:69:A:MET:HG2	2	0.4
(2,2249)	1:65:A:CYS:HB2	1:69:A:MET:HG3	2	0.4
(2,2249)	1:65:A:CYS:HB3	1:69:A:MET:HG2	2	0.4
(2,2249)	1:65:A:CYS:HB3	1:69:A:MET:HG3	2	0.4
(2,2167)	1:44:A:GLU:H	1:140:A:LEU:HD11	19	0.4
(2,2167)	1:44:A:GLU:H	1:140:A:LEU:HD12	19	0.4
(2,2167)	1:44:A:GLU:H	1:140:A:LEU:HD13	19	0.4
(2,2167)	1:44:A:GLU:H	1:140:A:LEU:HD21	19	0.4
(2,2167)	1:44:A:GLU:H	1:140:A:LEU:HD22	19	0.4
(2,2167)	1:44:A:GLU:H	1:140:A:LEU:HD23	19	0.4
(2,2144)	1:40:A:LEU:HD11	1:44:A:GLU:H	17	0.4
(2,2144)	1:40:A:LEU:HD12	1:44:A:GLU:H	17	0.4
(2,2144)	1:40:A:LEU:HD13	1:44:A:GLU:H	17	0.4
(2,2144)	1:40:A:LEU:HD21	1:44:A:GLU:H	17	0.4
(2,2144)	1:40:A:LEU:HD22	1:44:A:GLU:H	17	0.4
(2,2144)	1:40:A:LEU:HD23	1:44:A:GLU:H	17	0.4
(2,2051)	1:22:A:ASP:H	1:23:A:LEU:HD11	3	0.4
(2,2051)	1:22:A:ASP:H	1:23:A:LEU:HD12	3	0.4
(2,2051)	1:22:A:ASP:H	1:23:A:LEU:HD13	3	0.4
(2,2051)	1:22:A:ASP:H	1:23:A:LEU:HD21	3	0.4
(2,2051)	1:22:A:ASP:H	1:23:A:LEU:HD22	3	0.4
(2,2051)	1:22:A:ASP:H	1:23:A:LEU:HD23	3	0.4
(2,2037)	1:17:A:ASN:HB2	1:18:A:PHE:HD1	19	0.4
(2,2037)	1:17:A:ASN:HB2	1:18:A:PHE:HD2	19	0.4
(2,2037)	1:17:A:ASN:HB3	1:18:A:PHE:HD1	19	0.4
(2,2037)	1:17:A:ASN:HB3	1:18:A:PHE:HD2	19	0.4
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE1	12	0.4
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE2	12	0.4
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE3	12	0.4
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE1	12	0.4
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE2	12	0.4
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE3	12	0.4
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	5	0.4
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	5	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	5	0.4
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	5	0.4
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	5	0.4
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	5	0.4
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	5	0.4
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	5	0.4
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	5	0.4
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	5	0.4
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	5	0.4
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	5	0.4
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	5	0.4
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	5	0.4
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	5	0.4
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	5	0.4
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	5	0.4
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	5	0.4
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	5	0.4
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	5	0.4
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	5	0.4
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	5	0.4
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	5	0.4
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	5	0.4
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	5	0.4
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	5	0.4
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	5	0.4
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	5	0.4
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	5	0.4
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	5	0.4
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	5	0.4
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	5	0.4
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	5	0.4
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	5	0.4
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	5	0.4
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	5	0.4
(2,1949)	1:14:A:VAL:HB	1:18:A:PHE:HZ	15	0.4
(2,1896)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	1	0.4
(2,1896)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	1	0.4
(2,1896)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	1	0.4
(2,1896)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	1	0.4
(2,1896)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	1	0.4
(2,1896)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	1	0.4
(2,1871)	1:79:A:THR:HB	1:80:A:TYR:HE1	4	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1871)	1:79:A:THR:HB	1:80:A:TYR:HE2	4	0.4
(2,1845)	1:9:A:PHE:HZ	1:54:A:ARG:HE	16	0.4
(2,1783)	1:39:A:VAL:HG21	1:144:A:LEU:H	4	0.4
(2,1783)	1:39:A:VAL:HG22	1:144:A:LEU:H	4	0.4
(2,1783)	1:39:A:VAL:HG23	1:144:A:LEU:H	4	0.4
(2,1533)	1:69:A:MET:HE1	1:76:A:ARG:HG2	5	0.4
(2,1533)	1:69:A:MET:HE1	1:76:A:ARG:HG3	5	0.4
(2,1533)	1:69:A:MET:HE2	1:76:A:ARG:HG2	5	0.4
(2,1533)	1:69:A:MET:HE2	1:76:A:ARG:HG3	5	0.4
(2,1533)	1:69:A:MET:HE3	1:76:A:ARG:HG2	5	0.4
(2,1533)	1:69:A:MET:HE3	1:76:A:ARG:HG3	5	0.4
(2,1520)	1:69:A:MET:HE1	1:116:A:GLN:HE21	16	0.4
(2,1520)	1:69:A:MET:HE2	1:116:A:GLN:HE21	16	0.4
(2,1520)	1:69:A:MET:HE3	1:116:A:GLN:HE21	16	0.4
(2,1516)	1:69:A:MET:HE1	1:110:A:MET:H	17	0.4
(2,1516)	1:69:A:MET:HE2	1:110:A:MET:H	17	0.4
(2,1516)	1:69:A:MET:HE3	1:110:A:MET:H	17	0.4
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG21	6	0.4
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG22	6	0.4
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG23	6	0.4
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG21	6	0.4
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG22	6	0.4
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG23	6	0.4
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG21	6	0.4
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG22	6	0.4
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG23	6	0.4
(2,1345)	1:17:A:ASN:HA	1:76:A:ARG:HA	9	0.4
(2,1339)	1:103:A:ARG:HG2	1:106:A:ASP:HA	18	0.4
(2,1339)	1:103:A:ARG:HG3	1:106:A:ASP:HA	18	0.4
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	5	0.4
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	5	0.4
(2,1308)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	5	0.4
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD21	2	0.4
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD22	2	0.4
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD23	2	0.4
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD21	13	0.4
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD22	13	0.4
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD23	13	0.4
(2,1173)	1:106:A:ASP:H	1:107:A:LEU:HD21	17	0.4
(2,1173)	1:106:A:ASP:H	1:107:A:LEU:HD22	17	0.4
(2,1173)	1:106:A:ASP:H	1:107:A:LEU:HD23	17	0.4
(2,1038)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	16	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1038)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	16	0.4
(2,1038)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	16	0.4
(2,1038)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	16	0.4
(2,1038)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	16	0.4
(2,1038)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	16	0.4
(2,918)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	14	0.4
(2,918)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	14	0.4
(2,712)	1:9:A:PHE:HD1	1:54:A:ARG:HE	14	0.4
(2,712)	1:9:A:PHE:HD2	1:54:A:ARG:HE	14	0.4
(2,523)	1:74:A:PRO:HA	1:77:A:CYS:H	11	0.4
(2,431)	1:68:A:LYS:H	1:68:A:LYS:HE2	2	0.4
(2,431)	1:68:A:LYS:H	1:68:A:LYS:HE3	2	0.4
(2,372)	1:40:A:LEU:HB3	1:41:A:LYS:H	17	0.4
(2,319)	1:46:A:ASN:H	1:48:A:ARG:HB2	15	0.4
(2,319)	1:46:A:ASN:H	1:48:A:ARG:HB3	15	0.4
(2,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	10	0.4
(2,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	10	0.4
(2,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	10	0.4
(2,285)	1:117:A:VAL:HB	1:118:A:ASP:H	15	0.4
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD11	4	0.4
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD12	4	0.4
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD13	4	0.4
(2,89)	1:96:A:VAL:H	1:97:A:ASP:H	3	0.4
(2,33)	1:95:A:ILE:HB	1:96:A:VAL:H	13	0.4
(2,14)	1:94:A:ALA:H	1:94:A:ALA:HB1	18	0.4
(2,14)	1:94:A:ALA:H	1:94:A:ALA:HB2	18	0.4
(2,14)	1:94:A:ALA:H	1:94:A:ALA:HB3	18	0.4
(1,2405)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	3	0.4
(1,2405)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	3	0.4
(1,2405)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	3	0.4
(1,2405)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	3	0.4
(1,2405)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	3	0.4
(1,2405)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	3	0.4
(1,2405)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	3	0.4
(1,2405)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	3	0.4
(1,2405)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	3	0.4
(1,2405)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	3	0.4
(1,2405)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	3	0.4
(1,2405)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	3	0.4
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG12	1	0.4
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG13	1	0.4
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG12	1	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG13	1	0.4
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG12	1	0.4
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG13	1	0.4
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG12	3	0.4
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG13	3	0.4
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG12	3	0.4
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG13	3	0.4
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG12	3	0.4
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG13	3	0.4
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG12	8	0.4
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG13	8	0.4
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG12	8	0.4
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG13	8	0.4
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG12	8	0.4
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG13	8	0.4
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG12	17	0.4
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG13	17	0.4
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG12	17	0.4
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG13	17	0.4
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG12	17	0.4
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG13	17	0.4
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	10	0.4
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	10	0.4
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	10	0.4
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	10	0.4
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	10	0.4
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	10	0.4
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	10	0.4
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	10	0.4
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	10	0.4
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	10	0.4
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	10	0.4
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	10	0.4
(1,2219)	1:69:A:MET:HG2	1:70:A:LYS:HG2	4	0.4
(1,2219)	1:69:A:MET:HG3	1:70:A:LYS:HG2	4	0.4
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD11	7	0.4
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD12	7	0.4
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD13	7	0.4
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD21	7	0.4
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD22	7	0.4
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD23	7	0.4
(1,2130)	1:42:A:GLU:H	1:139:A:LEU:HD11	17	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2130)	1:42:A:GLU:H	1:139:A:LEU:HD12	17	0.4
(1,2130)	1:42:A:GLU:H	1:139:A:LEU:HD13	17	0.4
(1,2130)	1:42:A:GLU:H	1:139:A:LEU:HD21	17	0.4
(1,2130)	1:42:A:GLU:H	1:139:A:LEU:HD22	17	0.4
(1,2130)	1:42:A:GLU:H	1:139:A:LEU:HD23	17	0.4
(1,2072)	1:35:A:LEU:HD11	1:143:A:TRP:HB2	5	0.4
(1,2072)	1:35:A:LEU:HD12	1:143:A:TRP:HB2	5	0.4
(1,2072)	1:35:A:LEU:HD13	1:143:A:TRP:HB2	5	0.4
(1,2072)	1:35:A:LEU:HD21	1:143:A:TRP:HB2	5	0.4
(1,2072)	1:35:A:LEU:HD22	1:143:A:TRP:HB2	5	0.4
(1,2072)	1:35:A:LEU:HD23	1:143:A:TRP:HB2	5	0.4
(1,1996)	1:17:A:ASN:HB2	1:18:A:PHE:HD1	19	0.4
(1,1996)	1:17:A:ASN:HB2	1:18:A:PHE:HD2	19	0.4
(1,1996)	1:17:A:ASN:HB3	1:18:A:PHE:HD1	19	0.4
(1,1996)	1:17:A:ASN:HB3	1:18:A:PHE:HD2	19	0.4
(1,1934)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	15	0.4
(1,1934)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	15	0.4
(1,1917)	1:63:A:ILE:HB	1:113:A:PHE:HD1	7	0.4
(1,1917)	1:63:A:ILE:HB	1:113:A:PHE:HD2	7	0.4
(1,1856)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	7	0.4
(1,1856)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	7	0.4
(1,1856)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	7	0.4
(1,1830)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	10	0.4
(1,1830)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	10	0.4
(1,1810)	1:9:A:PHE:HD1	1:11:A:ILE:HB	4	0.4
(1,1810)	1:9:A:PHE:HD2	1:11:A:ILE:HB	4	0.4
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	4	0.4
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	4	0.4
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	4	0.4
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE1	16	0.4
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE2	16	0.4
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE3	16	0.4
(1,1655)	1:97:A:ASP:HB2	1:102:A:PRO:HA	14	0.4
(1,1655)	1:97:A:ASP:HB3	1:102:A:PRO:HA	14	0.4
(1,1629)	1:23:A:LEU:HB2	1:24:A:ASP:HA	3	0.4
(1,1629)	1:23:A:LEU:HB3	1:24:A:ASP:HA	3	0.4
(1,1580)	1:11:A:ILE:HD11	1:14:A:VAL:H	8	0.4
(1,1580)	1:11:A:ILE:HD12	1:14:A:VAL:H	8	0.4
(1,1580)	1:11:A:ILE:HD13	1:14:A:VAL:H	8	0.4
(1,1580)	1:11:A:ILE:HD11	1:14:A:VAL:H	9	0.4
(1,1580)	1:11:A:ILE:HD12	1:14:A:VAL:H	9	0.4
(1,1580)	1:11:A:ILE:HD13	1:14:A:VAL:H	9	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1530)	1:69:A:MET:HE1	1:110:A:MET:H	17	0.4
(1,1530)	1:69:A:MET:HE2	1:110:A:MET:H	17	0.4
(1,1530)	1:69:A:MET:HE3	1:110:A:MET:H	17	0.4
(1,1515)	1:40:A:LEU:HA	1:43:A:MET:HE1	14	0.4
(1,1515)	1:40:A:LEU:HA	1:43:A:MET:HE2	14	0.4
(1,1515)	1:40:A:LEU:HA	1:43:A:MET:HE3	14	0.4
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE1	19	0.4
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE2	19	0.4
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE3	19	0.4
(1,1410)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	18	0.4
(1,1410)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	18	0.4
(1,1410)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	18	0.4
(1,1402)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	8	0.4
(1,1402)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	8	0.4
(1,1402)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	8	0.4
(1,1231)	1:43:A:MET:H	1:140:A:LEU:HD11	2	0.4
(1,1231)	1:43:A:MET:H	1:140:A:LEU:HD12	2	0.4
(1,1231)	1:43:A:MET:H	1:140:A:LEU:HD13	2	0.4
(1,1118)	1:18:A:PHE:HA	1:113:A:PHE:HZ	1	0.4
(1,1095)	1:45:A:ALA:HA	1:48:A:ARG:HG2	11	0.4
(1,1095)	1:45:A:ALA:HA	1:48:A:ARG:HG3	11	0.4
(1,906)	1:63:A:ILE:HG21	1:113:A:PHE:HB2	17	0.4
(1,906)	1:63:A:ILE:HG22	1:113:A:PHE:HB2	17	0.4
(1,906)	1:63:A:ILE:HG23	1:113:A:PHE:HB2	17	0.4
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	12	0.4
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	12	0.4
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	12	0.4
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	12	0.4
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	12	0.4
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	12	0.4
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	12	0.4
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	12	0.4
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	12	0.4
(1,526)	1:74:A:PRO:HA	1:77:A:CYS:H	11	0.4
(1,406)	1:119:A:LEU:H	1:119:A:LEU:HG	8	0.4
(1,327)	1:46:A:ASN:H	1:48:A:ARG:HB2	15	0.4
(1,327)	1:46:A:ASN:H	1:48:A:ARG:HB3	15	0.4
(1,290)	1:117:A:VAL:HB	1:118:A:ASP:H	15	0.4
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB1	11	0.4
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB2	11	0.4
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB3	11	0.4
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB1	12	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB2	12	0.4
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB3	12	0.4
(1,82)	1:23:A:LEU:H	1:26:A:ASP:HB2	2	0.4
(1,82)	1:23:A:LEU:H	1:26:A:ASP:HB3	2	0.4
(1,58)	1:98:A:ILE:H	1:101:A:ILE:HG13	11	0.4
(34,2476)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	17	0.39
(34,2476)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	17	0.39
(34,2476)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	17	0.39
(34,2476)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	17	0.39
(34,2476)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	17	0.39
(34,2476)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	17	0.39
(34,2432)	1:131:A:LEU:H	1:134:A:VAL:HG11	12	0.39
(34,2432)	1:131:A:LEU:H	1:134:A:VAL:HG12	12	0.39
(34,2432)	1:131:A:LEU:H	1:134:A:VAL:HG13	12	0.39
(34,2432)	1:131:A:LEU:H	1:134:A:VAL:HG21	12	0.39
(34,2432)	1:131:A:LEU:H	1:134:A:VAL:HG22	12	0.39
(34,2432)	1:131:A:LEU:H	1:134:A:VAL:HG23	12	0.39
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG11	7	0.39
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG12	7	0.39
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG13	7	0.39
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG21	7	0.39
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG22	7	0.39
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG23	7	0.39
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG11	13	0.39
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG12	13	0.39
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG13	13	0.39
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG21	13	0.39
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG22	13	0.39
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG23	13	0.39
(34,2340)	1:107:A:LEU:HD11	1:115:A:ALA:H	5	0.39
(34,2340)	1:107:A:LEU:HD12	1:115:A:ALA:H	5	0.39
(34,2340)	1:107:A:LEU:HD13	1:115:A:ALA:H	5	0.39
(34,2340)	1:107:A:LEU:HD21	1:115:A:ALA:H	5	0.39
(34,2340)	1:107:A:LEU:HD22	1:115:A:ALA:H	5	0.39
(34,2340)	1:107:A:LEU:HD23	1:115:A:ALA:H	5	0.39
(34,2264)	1:74:A:PRO:HA	1:77:A:CYS:HB2	11	0.39
(34,2264)	1:74:A:PRO:HA	1:77:A:CYS:HB3	11	0.39
(34,2137)	1:40:A:LEU:HD11	1:43:A:MET:H	4	0.39
(34,2137)	1:40:A:LEU:HD12	1:43:A:MET:H	4	0.39
(34,2137)	1:40:A:LEU:HD13	1:43:A:MET:H	4	0.39
(34,2137)	1:40:A:LEU:HD21	1:43:A:MET:H	4	0.39
(34,2137)	1:40:A:LEU:HD22	1:43:A:MET:H	4	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2137)	1:40:A:LEU:HD23	1:43:A:MET:H	4	0.39
(34,2128)	1:39:A:VAL:HG11	1:144:A:LEU:H	3	0.39
(34,2128)	1:39:A:VAL:HG12	1:144:A:LEU:H	3	0.39
(34,2128)	1:39:A:VAL:HG13	1:144:A:LEU:H	3	0.39
(34,2128)	1:39:A:VAL:HG21	1:144:A:LEU:H	3	0.39
(34,2128)	1:39:A:VAL:HG22	1:144:A:LEU:H	3	0.39
(34,2128)	1:39:A:VAL:HG23	1:144:A:LEU:H	3	0.39
(34,2084)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	6	0.39
(34,2084)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	6	0.39
(34,2084)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	6	0.39
(34,2084)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	6	0.39
(34,2084)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	6	0.39
(34,2084)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	6	0.39
(34,2084)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	6	0.39
(34,2084)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	6	0.39
(34,2084)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	6	0.39
(34,2084)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	6	0.39
(34,2084)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	6	0.39
(34,2084)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	6	0.39
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD11	11	0.39
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD12	11	0.39
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD13	11	0.39
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD21	11	0.39
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD22	11	0.39
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD23	11	0.39
(34,1994)	1:14:A:VAL:HG11	1:18:A:PHE:HA	7	0.39
(34,1994)	1:14:A:VAL:HG12	1:18:A:PHE:HA	7	0.39
(34,1994)	1:14:A:VAL:HG13	1:18:A:PHE:HA	7	0.39
(34,1994)	1:14:A:VAL:HG21	1:18:A:PHE:HA	7	0.39
(34,1994)	1:14:A:VAL:HG22	1:18:A:PHE:HA	7	0.39
(34,1994)	1:14:A:VAL:HG23	1:18:A:PHE:HA	7	0.39
(34,1972)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	9	0.39
(34,1972)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	9	0.39
(34,1972)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	9	0.39
(34,1972)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	9	0.39
(34,1972)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	9	0.39
(34,1972)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	9	0.39
(34,1972)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	9	0.39
(34,1972)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	9	0.39
(34,1972)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	9	0.39
(34,1972)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	9	0.39
(34,1972)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	9	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1972)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	9	0.39
(34,1962)	1:11:A:ILE:HG12	1:57:A:LEU:HD11	15	0.39
(34,1962)	1:11:A:ILE:HG12	1:57:A:LEU:HD12	15	0.39
(34,1962)	1:11:A:ILE:HG12	1:57:A:LEU:HD13	15	0.39
(34,1962)	1:11:A:ILE:HG12	1:57:A:LEU:HD21	15	0.39
(34,1962)	1:11:A:ILE:HG12	1:57:A:LEU:HD22	15	0.39
(34,1962)	1:11:A:ILE:HG12	1:57:A:LEU:HD23	15	0.39
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG11	17	0.39
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG12	17	0.39
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG13	17	0.39
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	17	0.39
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	17	0.39
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	17	0.39
(34,1905)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	16	0.39
(34,1905)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	16	0.39
(34,1905)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	16	0.39
(34,1905)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	16	0.39
(34,1796)	1:13:A:ALA:H	1:80:A:TYR:HD1	3	0.39
(34,1796)	1:13:A:ALA:H	1:80:A:TYR:HD2	3	0.39
(34,1791)	1:144:A:LEU:HA	1:144:A:LEU:HD11	17	0.39
(34,1791)	1:144:A:LEU:HA	1:144:A:LEU:HD12	17	0.39
(34,1791)	1:144:A:LEU:HA	1:144:A:LEU:HD13	17	0.39
(34,1597)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	18	0.39
(34,1597)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	18	0.39
(34,1597)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	18	0.39
(34,1568)	1:40:A:LEU:HD21	1:43:A:MET:H	18	0.39
(34,1568)	1:40:A:LEU:HD22	1:43:A:MET:H	18	0.39
(34,1568)	1:40:A:LEU:HD23	1:43:A:MET:H	18	0.39
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE1	14	0.39
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE2	14	0.39
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE3	14	0.39
(34,1497)	1:101:A:ILE:HG21	1:115:A:ALA:HA	19	0.39
(34,1497)	1:101:A:ILE:HG22	1:115:A:ALA:HA	19	0.39
(34,1497)	1:101:A:ILE:HG23	1:115:A:ALA:HA	19	0.39
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	8	0.39
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	8	0.39
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	8	0.39
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	19	0.39
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	19	0.39
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	19	0.39
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	19	0.39
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	19	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	19	0.39
(34,1364)	1:125:A:THR:HG21	1:128:A:LEU:HB2	19	0.39
(34,1364)	1:125:A:THR:HG22	1:128:A:LEU:HB2	19	0.39
(34,1364)	1:125:A:THR:HG23	1:128:A:LEU:HB2	19	0.39
(34,1362)	1:17:A:ASN:HA	1:76:A:ARG:HA	6	0.39
(34,1277)	1:37:A:LEU:HD11	1:38:A:GLU:HA	9	0.39
(34,1277)	1:37:A:LEU:HD12	1:38:A:GLU:HA	9	0.39
(34,1277)	1:37:A:LEU:HD13	1:38:A:GLU:HA	9	0.39
(34,1272)	1:38:A:GLU:HB2	1:139:A:LEU:HD21	4	0.39
(34,1272)	1:38:A:GLU:HB2	1:139:A:LEU:HD22	4	0.39
(34,1272)	1:38:A:GLU:HB2	1:139:A:LEU:HD23	4	0.39
(34,1104)	1:11:A:ILE:HB	1:44:A:GLU:HA	10	0.39
(34,1085)	1:43:A:MET:HB2	1:140:A:LEU:HG	10	0.39
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD11	1	0.39
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD12	1	0.39
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD13	1	0.39
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD2	1	0.39
(34,1013)	1:98:A:ILE:H	1:105:A:LYS:HD3	1	0.39
(34,945)	1:34:A:LYS:H	1:81:A:GLU:HG2	16	0.39
(34,945)	1:34:A:LYS:H	1:81:A:GLU:HG3	16	0.39
(34,892)	1:133:A:ASN:HB3	1:134:A:VAL:HA	19	0.39
(34,879)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	16	0.39
(34,879)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	16	0.39
(34,879)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	16	0.39
(34,777)	1:69:A:MET:HG3	1:73:A:ILE:HD11	10	0.39
(34,777)	1:69:A:MET:HG3	1:73:A:ILE:HD12	10	0.39
(34,777)	1:69:A:MET:HG3	1:73:A:ILE:HD13	10	0.39
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG11	13	0.39
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG12	13	0.39
(34,760)	1:38:A:GLU:H	1:39:A:VAL:HG13	13	0.39
(34,754)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	7	0.39
(34,754)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	7	0.39
(34,754)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	7	0.39
(34,715)	1:23:A:LEU:HB2	1:27:A:ARG:HE	3	0.39
(34,715)	1:23:A:LEU:HB3	1:27:A:ARG:HE	3	0.39
(34,705)	1:98:A:ILE:H	1:104:A:PHE:H	1	0.39
(34,382)	1:40:A:LEU:HB3	1:41:A:LYS:H	15	0.39
(34,354)	1:122:A:ASP:HB3	1:123:A:CYS:H	1	0.39
(34,354)	1:122:A:ASP:HB3	1:123:A:CYS:H	17	0.39
(34,316)	1:64:A:LYS:HD2	1:65:A:CYS:H	13	0.39
(34,316)	1:64:A:LYS:HD3	1:65:A:CYS:H	13	0.39
(34,221)	1:110:A:MET:HG2	1:114:A:ILE:H	10	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,221)	1:110:A:MET:HG3	1:114:A:ILE:H	10	0.39
(34,209)	1:101:A:ILE:H	1:101:A:ILE:HB	19	0.39
(34,161)	1:127:A:CYS:H	1:128:A:LEU:HB2	16	0.39
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD11	11	0.39
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD12	11	0.39
(34,87)	1:30:A:LEU:H	1:144:A:LEU:HD13	11	0.39
(33,2264)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	19	0.39
(33,2264)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	19	0.39
(33,2264)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	19	0.39
(33,2264)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	19	0.39
(33,2134)	1:40:A:LEU:HD11	1:43:A:MET:H	7	0.39
(33,2134)	1:40:A:LEU:HD12	1:43:A:MET:H	7	0.39
(33,2134)	1:40:A:LEU:HD13	1:43:A:MET:H	7	0.39
(33,2134)	1:40:A:LEU:HD21	1:43:A:MET:H	7	0.39
(33,2134)	1:40:A:LEU:HD22	1:43:A:MET:H	7	0.39
(33,2134)	1:40:A:LEU:HD23	1:43:A:MET:H	7	0.39
(33,2125)	1:39:A:VAL:HG11	1:144:A:LEU:H	3	0.39
(33,2125)	1:39:A:VAL:HG12	1:144:A:LEU:H	3	0.39
(33,2125)	1:39:A:VAL:HG13	1:144:A:LEU:H	3	0.39
(33,2125)	1:39:A:VAL:HG21	1:144:A:LEU:H	3	0.39
(33,2125)	1:39:A:VAL:HG22	1:144:A:LEU:H	3	0.39
(33,2125)	1:39:A:VAL:HG23	1:144:A:LEU:H	3	0.39
(33,1988)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	3	0.39
(33,1988)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	3	0.39
(33,1988)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	3	0.39
(33,1988)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	3	0.39
(33,1988)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	3	0.39
(33,1988)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	3	0.39
(33,1988)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	3	0.39
(33,1988)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	3	0.39
(33,1988)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	3	0.39
(33,1988)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	3	0.39
(33,1988)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	3	0.39
(33,1988)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	3	0.39
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	15	0.39
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	15	0.39
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	15	0.39
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	15	0.39
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	15	0.39
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	15	0.39
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	15	0.39
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	15	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	15	0.39
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	15	0.39
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	15	0.39
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	15	0.39
(33,1921)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	2	0.39
(33,1921)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	2	0.39
(33,1897)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	16	0.39
(33,1897)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	16	0.39
(33,1897)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	16	0.39
(33,1897)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	16	0.39
(33,1893)	1:18:A:PHE:HE1	1:117:A:VAL:HA	14	0.39
(33,1893)	1:18:A:PHE:HE2	1:117:A:VAL:HA	14	0.39
(33,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	17	0.39
(33,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	17	0.39
(33,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	17	0.39
(33,1871)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	0.39
(33,1871)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	0.39
(33,1871)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	0.39
(33,1871)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	0.39
(33,1871)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	0.39
(33,1871)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	0.39
(33,1864)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	17	0.39
(33,1864)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	17	0.39
(33,1838)	1:61:A:SER:HA	1:62:A:HIS:HD2	19	0.39
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG21	8	0.39
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG22	8	0.39
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG23	8	0.39
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG21	8	0.39
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG22	8	0.39
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG23	8	0.39
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG21	8	0.39
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG22	8	0.39
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG23	8	0.39
(33,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG21	12	0.39
(33,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG22	12	0.39
(33,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG23	12	0.39
(33,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG21	12	0.39
(33,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG22	12	0.39
(33,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG23	12	0.39
(33,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG21	12	0.39
(33,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG22	12	0.39
(33,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG23	12	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1573)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	8	0.39
(33,1573)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	8	0.39
(33,1573)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	8	0.39
(33,1572)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	7	0.39
(33,1572)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	7	0.39
(33,1572)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	7	0.39
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE1	7	0.39
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE2	7	0.39
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE3	7	0.39
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE1	7	0.39
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE2	7	0.39
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE3	7	0.39
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE1	7	0.39
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE2	7	0.39
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE3	7	0.39
(33,1508)	1:69:A:MET:HE1	1:114:A:ILE:H	13	0.39
(33,1508)	1:69:A:MET:HE2	1:114:A:ILE:H	13	0.39
(33,1508)	1:69:A:MET:HE3	1:114:A:ILE:H	13	0.39
(33,1429)	1:50:A:ALA:HB1	1:127:A:CYS:HA	5	0.39
(33,1429)	1:50:A:ALA:HB2	1:127:A:CYS:HA	5	0.39
(33,1429)	1:50:A:ALA:HB3	1:127:A:CYS:HA	5	0.39
(33,1424)	1:121:A:VAL:HG21	1:122:A:ASP:H	2	0.39
(33,1424)	1:121:A:VAL:HG22	1:122:A:ASP:H	2	0.39
(33,1424)	1:121:A:VAL:HG23	1:122:A:ASP:H	2	0.39
(33,1107)	1:41:A:LYS:HA	1:44:A:GLU:HG2	9	0.39
(33,1072)	1:11:A:ILE:HB	1:44:A:GLU:HA	10	0.39
(33,997)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	16	0.39
(33,997)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	16	0.39
(33,968)	1:96:A:VAL:H	1:96:A:VAL:HB	4	0.39
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB1	7	0.39
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB2	7	0.39
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB3	7	0.39
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB1	7	0.39
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB2	7	0.39
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB3	7	0.39
(33,874)	1:56:A:CYS:H	1:122:A:ASP:HB2	5	0.39
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	17	0.39
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	17	0.39
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	17	0.39
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	17	0.39
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	17	0.39
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	17	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	17	0.39
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	17	0.39
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	17	0.39
(33,820)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	19	0.39
(33,820)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	19	0.39
(33,820)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	19	0.39
(33,796)	1:63:A:ILE:HD11	1:117:A:VAL:HB	13	0.39
(33,796)	1:63:A:ILE:HD12	1:117:A:VAL:HB	13	0.39
(33,796)	1:63:A:ILE:HD13	1:117:A:VAL:HB	13	0.39
(33,764)	1:69:A:MET:HG2	1:73:A:ILE:HD11	19	0.39
(33,764)	1:69:A:MET:HG2	1:73:A:ILE:HD12	19	0.39
(33,764)	1:69:A:MET:HG2	1:73:A:ILE:HD13	19	0.39
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG11	13	0.39
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG12	13	0.39
(33,752)	1:38:A:GLU:H	1:39:A:VAL:HG13	13	0.39
(33,748)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	7	0.39
(33,748)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	7	0.39
(33,748)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	7	0.39
(33,318)	1:56:A:CYS:HA	1:122:A:ASP:H	11	0.39
(33,313)	1:43:A:MET:H	1:140:A:LEU:HD21	4	0.39
(33,313)	1:43:A:MET:H	1:140:A:LEU:HD22	4	0.39
(33,313)	1:43:A:MET:H	1:140:A:LEU:HD23	4	0.39
(33,310)	1:64:A:LYS:HD2	1:65:A:CYS:H	13	0.39
(33,310)	1:64:A:LYS:HD3	1:65:A:CYS:H	13	0.39
(33,214)	1:110:A:MET:HG2	1:114:A:ILE:H	10	0.39
(33,214)	1:110:A:MET:HG3	1:114:A:ILE:H	10	0.39
(33,155)	1:127:A:CYS:H	1:128:A:LEU:HB2	16	0.39
(33,119)	1:79:A:THR:HA	1:80:A:TYR:H	18	0.39
(32,2365)	1:116:A:GLN:HG2	1:117:A:VAL:HA	1	0.39
(32,2365)	1:116:A:GLN:HG3	1:117:A:VAL:HA	1	0.39
(32,2365)	1:116:A:GLN:HG2	1:117:A:VAL:HA	15	0.39
(32,2365)	1:116:A:GLN:HG3	1:117:A:VAL:HA	15	0.39
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG2	18	0.39
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	18	0.39
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG2	18	0.39
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	18	0.39
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG11	8	0.39
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG12	8	0.39
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG13	8	0.39
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG21	8	0.39
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG22	8	0.39
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG23	8	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG11	8	0.39
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG12	8	0.39
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG13	8	0.39
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG21	8	0.39
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG22	8	0.39
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG23	8	0.39
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG11	8	0.39
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG12	8	0.39
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG13	8	0.39
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG21	8	0.39
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG22	8	0.39
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG23	8	0.39
(32,2056)	1:35:A:LEU:HD11	1:39:A:VAL:HB	18	0.39
(32,2056)	1:35:A:LEU:HD12	1:39:A:VAL:HB	18	0.39
(32,2056)	1:35:A:LEU:HD13	1:39:A:VAL:HB	18	0.39
(32,2056)	1:35:A:LEU:HD21	1:39:A:VAL:HB	18	0.39
(32,2056)	1:35:A:LEU:HD22	1:39:A:VAL:HB	18	0.39
(32,2056)	1:35:A:LEU:HD23	1:39:A:VAL:HB	18	0.39
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	6	0.39
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	6	0.39
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	6	0.39
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	6	0.39
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	6	0.39
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	6	0.39
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	13	0.39
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	13	0.39
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	13	0.39
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	13	0.39
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	13	0.39
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	13	0.39
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	13	0.39
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	13	0.39
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	13	0.39
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	13	0.39
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	13	0.39
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	13	0.39
(32,1857)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	17	0.39
(32,1857)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	17	0.39
(32,1857)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	17	0.39
(32,1821)	1:9:A:PHE:HD1	1:57:A:LEU:HG	18	0.39
(32,1821)	1:9:A:PHE:HD2	1:57:A:LEU:HG	18	0.39
(32,1705)	1:36:A:PRO:HA	1:37:A:LEU:HD21	4	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1705)	1:36:A:PRO:HA	1:37:A:LEU:HD22	4	0.39
(32,1705)	1:36:A:PRO:HA	1:37:A:LEU:HD23	4	0.39
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG21	8	0.39
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG22	8	0.39
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG23	8	0.39
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG21	8	0.39
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG22	8	0.39
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG23	8	0.39
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG21	8	0.39
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG22	8	0.39
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG23	8	0.39
(32,1515)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	7	0.39
(32,1515)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	7	0.39
(32,1515)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	7	0.39
(32,1515)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	7	0.39
(32,1515)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	7	0.39
(32,1515)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	7	0.39
(32,1206)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	14	0.39
(32,1206)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	14	0.39
(32,1206)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	14	0.39
(32,1079)	1:129:A:LYS:HA	1:132:A:ALA:HB1	2	0.39
(32,1079)	1:129:A:LYS:HA	1:132:A:ALA:HB2	2	0.39
(32,1079)	1:129:A:LYS:HA	1:132:A:ALA:HB3	2	0.39
(32,1045)	1:11:A:ILE:HB	1:44:A:GLU:HA	10	0.39
(32,1026)	1:43:A:MET:HB2	1:140:A:LEU:HG	10	0.39
(32,966)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	16	0.39
(32,966)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	16	0.39
(32,898)	1:81:A:GLU:H	1:81:A:GLU:HG2	16	0.39
(32,898)	1:81:A:GLU:H	1:81:A:GLU:HG3	16	0.39
(32,858)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	2	0.39
(32,858)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	2	0.39
(32,858)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	2	0.39
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	5	0.39
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	5	0.39
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	5	0.39
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	5	0.39
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	5	0.39
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	5	0.39
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	5	0.39
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	5	0.39
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	5	0.39
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	9	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	9	0.39
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	9	0.39
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	9	0.39
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	9	0.39
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	9	0.39
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	9	0.39
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	9	0.39
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	9	0.39
(32,792)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	12	0.39
(32,792)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	12	0.39
(32,792)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	12	0.39
(32,775)	1:54:A:ARG:HB3	1:58:A:ILE:HD11	17	0.39
(32,775)	1:54:A:ARG:HB3	1:58:A:ILE:HD12	17	0.39
(32,775)	1:54:A:ARG:HB3	1:58:A:ILE:HD13	17	0.39
(32,732)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	7	0.39
(32,732)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	7	0.39
(32,732)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	7	0.39
(32,239)	1:58:A:ILE:H	1:58:A:ILE:HG13	12	0.39
(32,208)	1:110:A:MET:HG2	1:114:A:ILE:H	10	0.39
(32,208)	1:110:A:MET:HG3	1:114:A:ILE:H	10	0.39
(32,152)	1:127:A:CYS:H	1:128:A:LEU:HB2	16	0.39
(32,118)	1:79:A:THR:HA	1:80:A:TYR:H	18	0.39
(32,49)	1:98:A:ILE:H	1:101:A:ILE:HG13	8	0.39
(32,49)	1:98:A:ILE:H	1:101:A:ILE:HG13	18	0.39
(30,2349)	1:107:A:LEU:HD11	1:115:A:ALA:H	5	0.39
(30,2349)	1:107:A:LEU:HD12	1:115:A:ALA:H	5	0.39
(30,2349)	1:107:A:LEU:HD13	1:115:A:ALA:H	5	0.39
(30,2349)	1:107:A:LEU:HD21	1:115:A:ALA:H	5	0.39
(30,2349)	1:107:A:LEU:HD22	1:115:A:ALA:H	5	0.39
(30,2349)	1:107:A:LEU:HD23	1:115:A:ALA:H	5	0.39
(30,2342)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	16	0.39
(30,2342)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	16	0.39
(30,2342)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	16	0.39
(30,2342)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	16	0.39
(30,2342)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	16	0.39
(30,2342)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	16	0.39
(30,2342)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	16	0.39
(30,2342)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	16	0.39
(30,2342)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	16	0.39
(30,2342)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	16	0.39
(30,2342)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	16	0.39
(30,2342)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	16	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2286)	1:79:A:THR:HG21	1:81:A:GLU:HB2	2	0.39
(30,2286)	1:79:A:THR:HG21	1:81:A:GLU:HB3	2	0.39
(30,2286)	1:79:A:THR:HG22	1:81:A:GLU:HB2	2	0.39
(30,2286)	1:79:A:THR:HG22	1:81:A:GLU:HB3	2	0.39
(30,2286)	1:79:A:THR:HG23	1:81:A:GLU:HB2	2	0.39
(30,2286)	1:79:A:THR:HG23	1:81:A:GLU:HB3	2	0.39
(30,2176)	1:46:A:ASN:HB2	1:134:A:VAL:H	1	0.39
(30,2176)	1:46:A:ASN:HB3	1:134:A:VAL:H	1	0.39
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD11	10	0.39
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD12	10	0.39
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD13	10	0.39
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD21	10	0.39
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD22	10	0.39
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD23	10	0.39
(30,2087)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	1	0.39
(30,2087)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	1	0.39
(30,2087)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	1	0.39
(30,2087)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	1	0.39
(30,2087)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	1	0.39
(30,2087)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	1	0.39
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD11	11	0.39
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD12	11	0.39
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD13	11	0.39
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD21	11	0.39
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD22	11	0.39
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD23	11	0.39
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	11	0.39
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	11	0.39
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	11	0.39
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	11	0.39
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	11	0.39
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	11	0.39
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	11	0.39
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	11	0.39
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	11	0.39
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	11	0.39
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	11	0.39
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	11	0.39
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	11	0.39
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	11	0.39
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	11	0.39
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	11	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	11	0.39
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	11	0.39
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD11	13	0.39
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD12	13	0.39
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD13	13	0.39
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD21	13	0.39
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD22	13	0.39
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD23	13	0.39
(30,1901)	1:63:A:ILE:HB	1:113:A:PHE:HD1	7	0.39
(30,1901)	1:63:A:ILE:HB	1:113:A:PHE:HD2	7	0.39
(30,1842)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	16	0.39
(30,1842)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	16	0.39
(30,1842)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	16	0.39
(30,1827)	1:9:A:PHE:HZ	1:57:A:LEU:HA	9	0.39
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	3	0.39
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	3	0.39
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	3	0.39
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	3	0.39
(30,1780)	1:144:A:LEU:HA	1:144:A:LEU:HD11	17	0.39
(30,1780)	1:144:A:LEU:HA	1:144:A:LEU:HD12	17	0.39
(30,1780)	1:144:A:LEU:HA	1:144:A:LEU:HD13	17	0.39
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG11	14	0.39
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG12	14	0.39
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG13	14	0.39
(30,1560)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	0.39
(30,1560)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	0.39
(30,1560)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	0.39
(30,1560)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	0.39
(30,1560)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	0.39
(30,1560)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	0.39
(30,1480)	1:101:A:ILE:HG21	1:115:A:ALA:HA	19	0.39
(30,1480)	1:101:A:ILE:HG22	1:115:A:ALA:HA	19	0.39
(30,1480)	1:101:A:ILE:HG23	1:115:A:ALA:HA	19	0.39
(30,1436)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	1	0.39
(30,1436)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	1	0.39
(30,1436)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	1	0.39
(30,1436)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	1	0.39
(30,1436)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	1	0.39
(30,1436)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	1	0.39
(30,1363)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	12	0.39
(30,1363)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	12	0.39
(30,1363)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	12	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1359)	1:39:A:VAL:HG11	1:144:A:LEU:H	16	0.39
(30,1359)	1:39:A:VAL:HG12	1:144:A:LEU:H	16	0.39
(30,1359)	1:39:A:VAL:HG13	1:144:A:LEU:H	16	0.39
(30,1245)	1:37:A:LEU:HD11	1:38:A:GLU:HA	9	0.39
(30,1245)	1:37:A:LEU:HD12	1:38:A:GLU:HA	9	0.39
(30,1245)	1:37:A:LEU:HD13	1:38:A:GLU:HA	9	0.39
(30,1166)	1:140:A:LEU:HD21	1:144:A:LEU:H	7	0.39
(30,1166)	1:140:A:LEU:HD22	1:144:A:LEU:H	7	0.39
(30,1166)	1:140:A:LEU:HD23	1:144:A:LEU:H	7	0.39
(30,1065)	1:11:A:ILE:HB	1:44:A:GLU:HA	10	0.39
(30,987)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	16	0.39
(30,987)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	16	0.39
(30,923)	1:81:A:GLU:HA	1:81:A:GLU:HG2	1	0.39
(30,923)	1:81:A:GLU:HA	1:81:A:GLU:HG3	1	0.39
(30,923)	1:81:A:GLU:HA	1:81:A:GLU:HG2	5	0.39
(30,923)	1:81:A:GLU:HA	1:81:A:GLU:HG3	5	0.39
(30,923)	1:81:A:GLU:HA	1:81:A:GLU:HG2	7	0.39
(30,923)	1:81:A:GLU:HA	1:81:A:GLU:HG3	7	0.39
(30,923)	1:81:A:GLU:HA	1:81:A:GLU:HG2	10	0.39
(30,923)	1:81:A:GLU:HA	1:81:A:GLU:HG3	10	0.39
(30,923)	1:81:A:GLU:HA	1:81:A:GLU:HG2	11	0.39
(30,923)	1:81:A:GLU:HA	1:81:A:GLU:HG3	11	0.39
(30,790)	1:63:A:ILE:HD11	1:117:A:VAL:HB	13	0.39
(30,790)	1:63:A:ILE:HD12	1:117:A:VAL:HB	13	0.39
(30,790)	1:63:A:ILE:HD13	1:117:A:VAL:HB	13	0.39
(30,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	11	0.39
(30,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	11	0.39
(30,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	11	0.39
(30,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	11	0.39
(30,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	11	0.39
(30,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	11	0.39
(30,698)	1:98:A:ILE:H	1:104:A:PHE:H	1	0.39
(30,411)	1:119:A:LEU:H	1:119:A:LEU:HG	8	0.39
(30,217)	1:110:A:MET:HG2	1:114:A:ILE:H	10	0.39
(30,217)	1:110:A:MET:HG3	1:114:A:ILE:H	10	0.39
(30,204)	1:101:A:ILE:H	1:101:A:ILE:HB	19	0.39
(30,158)	1:127:A:CYS:H	1:128:A:LEU:HB2	16	0.39
(30,122)	1:79:A:THR:HA	1:80:A:TYR:H	18	0.39
(30,76)	1:29:A:LYS:HA	1:30:A:LEU:H	1	0.39
(30,76)	1:29:A:LYS:HA	1:30:A:LEU:H	6	0.39
(30,76)	1:29:A:LYS:HA	1:30:A:LEU:H	16	0.39
(30,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	3	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	3	0.39
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD11	6	0.39
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD12	6	0.39
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD13	6	0.39
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD21	6	0.39
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD22	6	0.39
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD23	6	0.39
(29,2259)	1:74:A:PRO:HA	1:77:A:CYS:HB2	11	0.39
(29,2259)	1:74:A:PRO:HA	1:77:A:CYS:HB3	11	0.39
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	11	0.39
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	11	0.39
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	11	0.39
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	11	0.39
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	11	0.39
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	11	0.39
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	11	0.39
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	11	0.39
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	11	0.39
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	11	0.39
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	11	0.39
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	11	0.39
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	11	0.39
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	11	0.39
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	11	0.39
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	11	0.39
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	11	0.39
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	11	0.39
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	6	0.39
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	6	0.39
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	6	0.39
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	6	0.39
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	6	0.39
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	6	0.39
(29,1937)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	2	0.39
(29,1937)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	2	0.39
(29,1925)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	15	0.39
(29,1925)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	15	0.39
(29,1925)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	15	0.39
(29,1925)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	15	0.39
(29,1925)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	15	0.39
(29,1925)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	15	0.39
(29,1909)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	17	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1909)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	17	0.39
(29,1909)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	17	0.39
(29,1804)	1:13:A:ALA:H	1:80:A:TYR:HD1	3	0.39
(29,1804)	1:13:A:ALA:H	1:80:A:TYR:HD2	3	0.39
(29,1740)	1:13:A:ALA:HA	1:79:A:THR:HG21	6	0.39
(29,1740)	1:13:A:ALA:HA	1:79:A:THR:HG22	6	0.39
(29,1740)	1:13:A:ALA:HA	1:79:A:THR:HG23	6	0.39
(29,1675)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	12	0.39
(29,1675)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	12	0.39
(29,1675)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	12	0.39
(29,1672)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	7	0.39
(29,1672)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	7	0.39
(29,1672)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	7	0.39
(29,1672)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	7	0.39
(29,1672)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	7	0.39
(29,1672)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	7	0.39
(29,1602)	1:98:A:ILE:HG21	1:101:A:ILE:HG12	3	0.39
(29,1602)	1:98:A:ILE:HG22	1:101:A:ILE:HG12	3	0.39
(29,1602)	1:98:A:ILE:HG23	1:101:A:ILE:HG12	3	0.39
(29,1598)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	8	0.39
(29,1598)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	8	0.39
(29,1598)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	8	0.39
(29,1593)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	18	0.39
(29,1593)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	18	0.39
(29,1593)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	18	0.39
(29,1569)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	0.39
(29,1569)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	0.39
(29,1569)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	0.39
(29,1569)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	0.39
(29,1569)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	0.39
(29,1569)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	0.39
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE1	7	0.39
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE2	7	0.39
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE3	7	0.39
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE1	7	0.39
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE2	7	0.39
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE3	7	0.39
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE1	7	0.39
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE2	7	0.39
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE3	7	0.39
(29,1440)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	1	0.39
(29,1440)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	1	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1440)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	1	0.39
(29,1440)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	1	0.39
(29,1440)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	1	0.39
(29,1440)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	1	0.39
(29,1434)	1:121:A:VAL:HG21	1:122:A:ASP:H	2	0.39
(29,1434)	1:121:A:VAL:HG22	1:122:A:ASP:H	2	0.39
(29,1434)	1:121:A:VAL:HG23	1:122:A:ASP:H	2	0.39
(29,1369)	1:39:A:VAL:HG11	1:144:A:LEU:H	16	0.39
(29,1369)	1:39:A:VAL:HG12	1:144:A:LEU:H	16	0.39
(29,1369)	1:39:A:VAL:HG13	1:144:A:LEU:H	16	0.39
(29,1125)	1:129:A:LYS:HA	1:132:A:ALA:HB1	2	0.39
(29,1125)	1:129:A:LYS:HA	1:132:A:ALA:HB2	2	0.39
(29,1125)	1:129:A:LYS:HA	1:132:A:ALA:HB3	2	0.39
(29,1123)	1:43:A:MET:HA	1:43:A:MET:HG3	6	0.39
(29,1122)	1:41:A:LYS:HA	1:44:A:GLU:HG2	9	0.39
(29,1041)	1:11:A:ILE:HG12	1:44:A:GLU:HB2	9	0.39
(29,1041)	1:11:A:ILE:HG12	1:44:A:GLU:HB3	9	0.39
(29,961)	1:39:A:VAL:HA	1:43:A:MET:HG3	19	0.39
(29,941)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	10	0.39
(29,941)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	10	0.39
(29,941)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	10	0.39
(29,941)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	10	0.39
(29,941)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	10	0.39
(29,941)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	10	0.39
(29,936)	1:34:A:LYS:H	1:81:A:GLU:HG2	16	0.39
(29,936)	1:34:A:LYS:H	1:81:A:GLU:HG3	16	0.39
(29,927)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	2	0.39
(29,927)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	2	0.39
(29,927)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	2	0.39
(29,927)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	16	0.39
(29,927)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	16	0.39
(29,927)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	16	0.39
(29,824)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	7	0.39
(29,824)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	7	0.39
(29,824)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	7	0.39
(29,798)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	11	0.39
(29,798)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	11	0.39
(29,798)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	11	0.39
(29,798)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	11	0.39
(29,798)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	11	0.39
(29,798)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	11	0.39
(29,761)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	7	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,761)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	7	0.39
(29,761)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	7	0.39
(29,677)	1:116:A:GLN:HG3	1:117:A:VAL:H	1	0.39
(29,579)	1:11:A:ILE:HD11	1:16:A:SER:H	8	0.39
(29,579)	1:11:A:ILE:HD12	1:16:A:SER:H	8	0.39
(29,579)	1:11:A:ILE:HD13	1:16:A:SER:H	8	0.39
(29,238)	1:50:A:ALA:H	1:52:A:CYS:H	4	0.39
(29,221)	1:110:A:MET:HG2	1:114:A:ILE:H	10	0.39
(29,221)	1:110:A:MET:HG3	1:114:A:ILE:H	10	0.39
(23,15)	1:116:A:GLN:N	1:112:A:GLN:O	15	0.39
(23,4)	1:45:A:ALA:N	1:41:A:LYS:O	3	0.39
(23,4)	1:45:A:ALA:N	1:41:A:LYS:O	17	0.39
(23,3)	1:44:A:GLU:N	1:40:A:LEU:O	18	0.39
(23,1)	1:17:A:ASN:N	1:13:A:ALA:O	16	0.39
(22,27)	1:115:A:ALA:H	1:111:A:GLU:C	3	0.39
(22,18)	1:73:A:ILE:N	1:69:A:MET:C	6	0.39
(22,15)	1:61:A:SER:H	1:57:A:LEU:C	13	0.39
(22,12)	1:59:A:CYS:N	1:55:A:GLY:C	18	0.39
(22,11)	1:59:A:CYS:H	1:55:A:GLY:C	6	0.39
(22,8)	1:45:A:ALA:N	1:41:A:LYS:C	2	0.39
(22,7)	1:45:A:ALA:H	1:41:A:LYS:C	1	0.39
(22,7)	1:45:A:ALA:H	1:41:A:LYS:C	14	0.39
(22,5)	1:44:A:GLU:H	1:40:A:LEU:C	17	0.39
(22,3)	1:39:A:VAL:H	1:36:A:PRO:C	12	0.39
(20,8)	1:56:A:CYS:SG	1:123:A:CYS:SG	3	0.39
(18,2415)	1:134:A:VAL:HG11	1:137:A:SER:H	10	0.39
(18,2415)	1:134:A:VAL:HG12	1:137:A:SER:H	10	0.39
(18,2415)	1:134:A:VAL:HG13	1:137:A:SER:H	10	0.39
(18,2415)	1:134:A:VAL:HG21	1:137:A:SER:H	10	0.39
(18,2415)	1:134:A:VAL:HG22	1:137:A:SER:H	10	0.39
(18,2415)	1:134:A:VAL:HG23	1:137:A:SER:H	10	0.39
(18,2415)	1:134:A:VAL:HG11	1:137:A:SER:H	17	0.39
(18,2415)	1:134:A:VAL:HG12	1:137:A:SER:H	17	0.39
(18,2415)	1:134:A:VAL:HG13	1:137:A:SER:H	17	0.39
(18,2415)	1:134:A:VAL:HG21	1:137:A:SER:H	17	0.39
(18,2415)	1:134:A:VAL:HG22	1:137:A:SER:H	17	0.39
(18,2415)	1:134:A:VAL:HG23	1:137:A:SER:H	17	0.39
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB1	16	0.39
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB2	16	0.39
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB3	16	0.39
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB1	16	0.39
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB2	16	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB3	16	0.39
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB1	16	0.39
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB2	16	0.39
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB3	16	0.39
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB1	16	0.39
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB2	16	0.39
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB3	16	0.39
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB1	16	0.39
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB2	16	0.39
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB3	16	0.39
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB1	16	0.39
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB2	16	0.39
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB3	16	0.39
(18,2224)	1:60:A:LEU:HD11	1:122:A:ASP:H	12	0.39
(18,2224)	1:60:A:LEU:HD12	1:122:A:ASP:H	12	0.39
(18,2224)	1:60:A:LEU:HD13	1:122:A:ASP:H	12	0.39
(18,2224)	1:60:A:LEU:HD21	1:122:A:ASP:H	12	0.39
(18,2224)	1:60:A:LEU:HD22	1:122:A:ASP:H	12	0.39
(18,2224)	1:60:A:LEU:HD23	1:122:A:ASP:H	12	0.39
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD11	2	0.39
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD12	2	0.39
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD13	2	0.39
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD21	2	0.39
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD22	2	0.39
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD23	2	0.39
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD11	11	0.39
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD12	11	0.39
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD13	11	0.39
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD21	11	0.39
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD22	11	0.39
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD23	11	0.39
(18,1957)	1:11:A:ILE:HG12	1:57:A:LEU:HD11	18	0.39
(18,1957)	1:11:A:ILE:HG12	1:57:A:LEU:HD12	18	0.39
(18,1957)	1:11:A:ILE:HG12	1:57:A:LEU:HD13	18	0.39
(18,1957)	1:11:A:ILE:HG12	1:57:A:LEU:HD21	18	0.39
(18,1957)	1:11:A:ILE:HG12	1:57:A:LEU:HD22	18	0.39
(18,1957)	1:11:A:ILE:HG12	1:57:A:LEU:HD23	18	0.39
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD11	2	0.39
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD12	2	0.39
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD13	2	0.39
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD21	2	0.39
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD22	2	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD23	2	0.39
(18,1890)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	16	0.39
(18,1890)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	16	0.39
(18,1890)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	16	0.39
(18,1890)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	16	0.39
(18,1830)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	16	0.39
(18,1830)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	16	0.39
(18,1830)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	16	0.39
(18,1817)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	13	0.39
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	13	0.39
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	13	0.39
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	13	0.39
(18,1801)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	1	0.39
(18,1801)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	1	0.39
(18,1710)	1:19:A:ALA:HB1	1:21:A:THR:HG21	10	0.39
(18,1710)	1:19:A:ALA:HB1	1:21:A:THR:HG22	10	0.39
(18,1710)	1:19:A:ALA:HB1	1:21:A:THR:HG23	10	0.39
(18,1710)	1:19:A:ALA:HB2	1:21:A:THR:HG21	10	0.39
(18,1710)	1:19:A:ALA:HB2	1:21:A:THR:HG22	10	0.39
(18,1710)	1:19:A:ALA:HB2	1:21:A:THR:HG23	10	0.39
(18,1710)	1:19:A:ALA:HB3	1:21:A:THR:HG21	10	0.39
(18,1710)	1:19:A:ALA:HB3	1:21:A:THR:HG22	10	0.39
(18,1710)	1:19:A:ALA:HB3	1:21:A:THR:HG23	10	0.39
(18,1705)	1:79:A:THR:HG21	1:81:A:GLU:HB3	3	0.39
(18,1705)	1:79:A:THR:HG22	1:81:A:GLU:HB3	3	0.39
(18,1705)	1:79:A:THR:HG23	1:81:A:GLU:HB3	3	0.39
(18,1659)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	16	0.39
(18,1659)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	16	0.39
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB2	15	0.39
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB3	15	0.39
(18,1570)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	8	0.39
(18,1570)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	8	0.39
(18,1570)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	8	0.39
(18,1569)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	7	0.39
(18,1569)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	7	0.39
(18,1569)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	7	0.39
(18,1428)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	1	0.39
(18,1428)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	1	0.39
(18,1428)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	1	0.39
(18,1428)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	1	0.39
(18,1428)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	1	0.39
(18,1428)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	1	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1425)	1:50:A:ALA:HB1	1:127:A:CYS:HA	5	0.39
(18,1425)	1:50:A:ALA:HB2	1:127:A:CYS:HA	5	0.39
(18,1425)	1:50:A:ALA:HB3	1:127:A:CYS:HA	5	0.39
(18,1343)	1:141:A:LYS:HB2	1:149:A:ALA:HA	11	0.39
(18,1343)	1:141:A:LYS:HB3	1:149:A:ALA:HA	11	0.39
(18,1257)	1:23:A:LEU:HD11	1:24:A:ASP:H	16	0.39
(18,1257)	1:23:A:LEU:HD12	1:24:A:ASP:H	16	0.39
(18,1257)	1:23:A:LEU:HD13	1:24:A:ASP:H	16	0.39
(18,1230)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	16	0.39
(18,1230)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	16	0.39
(18,1230)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	16	0.39
(18,1003)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	16	0.39
(18,1003)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	16	0.39
(18,924)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	2	0.39
(18,924)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	2	0.39
(18,924)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	2	0.39
(18,924)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	16	0.39
(18,924)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	16	0.39
(18,924)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	16	0.39
(18,820)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	7	0.39
(18,820)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	7	0.39
(18,820)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	7	0.39
(18,807)	1:63:A:ILE:HD11	1:117:A:VAL:HB	13	0.39
(18,807)	1:63:A:ILE:HD12	1:117:A:VAL:HB	13	0.39
(18,807)	1:63:A:ILE:HD13	1:117:A:VAL:HB	13	0.39
(18,741)	1:17:A:ASN:HD21	1:18:A:PHE:H	7	0.39
(18,485)	1:48:A:ARG:HA	1:53:A:THR:H	9	0.39
(18,485)	1:48:A:ARG:HA	1:53:A:THR:H	17	0.39
(18,407)	1:105:A:LYS:HG3	1:106:A:ASP:H	10	0.39
(18,355)	1:122:A:ASP:HB3	1:123:A:CYS:H	1	0.39
(18,355)	1:122:A:ASP:HB3	1:123:A:CYS:H	17	0.39
(18,238)	1:10:A:ASN:H	1:13:A:ALA:HB1	5	0.39
(18,238)	1:10:A:ASN:H	1:13:A:ALA:HB2	5	0.39
(18,238)	1:10:A:ASN:H	1:13:A:ALA:HB3	5	0.39
(18,166)	1:95:A:ILE:H	1:95:A:ILE:HB	4	0.39
(18,158)	1:127:A:CYS:H	1:128:A:LEU:HB2	16	0.39
(18,73)	1:13:A:ALA:HB1	1:81:A:GLU:H	18	0.39
(18,73)	1:13:A:ALA:HB2	1:81:A:GLU:H	18	0.39
(18,73)	1:13:A:ALA:HB3	1:81:A:GLU:H	18	0.39
(17,2342)	1:107:A:LEU:HD11	1:115:A:ALA:H	5	0.39
(17,2342)	1:107:A:LEU:HD12	1:115:A:ALA:H	5	0.39
(17,2342)	1:107:A:LEU:HD13	1:115:A:ALA:H	5	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2342)	1:107:A:LEU:HD21	1:115:A:ALA:H	5	0.39
(17,2342)	1:107:A:LEU:HD22	1:115:A:ALA:H	5	0.39
(17,2342)	1:107:A:LEU:HD23	1:115:A:ALA:H	5	0.39
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	8	0.39
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	8	0.39
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	8	0.39
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	8	0.39
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	8	0.39
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	8	0.39
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD11	14	0.39
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD12	14	0.39
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD13	14	0.39
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD21	14	0.39
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD22	14	0.39
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD23	14	0.39
(17,2003)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	19	0.39
(17,2003)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	19	0.39
(17,2003)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	19	0.39
(17,2003)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	19	0.39
(17,2003)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	19	0.39
(17,2003)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	19	0.39
(17,2003)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	19	0.39
(17,2003)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	19	0.39
(17,2003)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	19	0.39
(17,2003)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	19	0.39
(17,2003)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	19	0.39
(17,2003)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	19	0.39
(17,1937)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	2	0.39
(17,1937)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	2	0.39
(17,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	15	0.39
(17,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	15	0.39
(17,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	15	0.39
(17,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	15	0.39
(17,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	15	0.39
(17,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	15	0.39
(17,1879)	1:18:A:PHE:HA	1:113:A:PHE:HE1	7	0.39
(17,1879)	1:18:A:PHE:HA	1:113:A:PHE:HE2	7	0.39
(17,1841)	1:9:A:PHE:HZ	1:57:A:LEU:HA	9	0.39
(17,1796)	1:13:A:ALA:H	1:80:A:TYR:HD1	3	0.39
(17,1796)	1:13:A:ALA:H	1:80:A:TYR:HD2	3	0.39
(17,1725)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	9	0.39
(17,1724)	1:67:A:PRO:HD2	1:95:A:ILE:HA	5	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1689)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	16	0.39
(17,1689)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	16	0.39
(17,1674)	1:69:A:MET:HE1	1:116:A:GLN:HG3	10	0.39
(17,1674)	1:69:A:MET:HE2	1:116:A:GLN:HG3	10	0.39
(17,1674)	1:69:A:MET:HE3	1:116:A:GLN:HG3	10	0.39
(17,1663)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	7	0.39
(17,1663)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	7	0.39
(17,1663)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	7	0.39
(17,1579)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	0.39
(17,1579)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	0.39
(17,1579)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	0.39
(17,1579)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	0.39
(17,1579)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	0.39
(17,1579)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	0.39
(17,1571)	1:138:A:ASP:HB2	1:139:A:LEU:HD21	1	0.39
(17,1571)	1:138:A:ASP:HB2	1:139:A:LEU:HD22	1	0.39
(17,1571)	1:138:A:ASP:HB2	1:139:A:LEU:HD23	1	0.39
(17,1571)	1:138:A:ASP:HB3	1:139:A:LEU:HD21	1	0.39
(17,1571)	1:138:A:ASP:HB3	1:139:A:LEU:HD22	1	0.39
(17,1571)	1:138:A:ASP:HB3	1:139:A:LEU:HD23	1	0.39
(17,1504)	1:101:A:ILE:HG21	1:115:A:ALA:HA	19	0.39
(17,1504)	1:101:A:ILE:HG22	1:115:A:ALA:HA	19	0.39
(17,1504)	1:101:A:ILE:HG23	1:115:A:ALA:HA	19	0.39
(17,1491)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	3	0.39
(17,1491)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	3	0.39
(17,1491)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	3	0.39
(17,1491)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	3	0.39
(17,1491)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	3	0.39
(17,1491)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	3	0.39
(17,1455)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	1	0.39
(17,1455)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	1	0.39
(17,1455)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	1	0.39
(17,1455)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	1	0.39
(17,1455)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	1	0.39
(17,1455)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	1	0.39
(17,1379)	1:39:A:VAL:HG11	1:144:A:LEU:H	16	0.39
(17,1379)	1:39:A:VAL:HG12	1:144:A:LEU:H	16	0.39
(17,1379)	1:39:A:VAL:HG13	1:144:A:LEU:H	16	0.39
(17,1365)	1:141:A:LYS:HB2	1:149:A:ALA:HA	11	0.39
(17,1365)	1:141:A:LYS:HB3	1:149:A:ALA:HA	11	0.39
(17,1356)	1:17:A:ASN:HA	1:76:A:ARG:HA	6	0.39
(17,1185)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	2	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1185)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	2	0.39
(17,1185)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	2	0.39
(17,1185)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	2	0.39
(17,1185)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	2	0.39
(17,1185)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	2	0.39
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	7	0.39
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	7	0.39
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	7	0.39
(17,1092)	1:45:A:ALA:HA	1:48:A:ARG:HG2	13	0.39
(17,1092)	1:45:A:ALA:HA	1:48:A:ARG:HG3	13	0.39
(17,1080)	1:11:A:ILE:HB	1:44:A:GLU:HA	10	0.39
(17,998)	1:63:A:ILE:HA	1:64:A:LYS:HD2	1	0.39
(17,998)	1:63:A:ILE:HA	1:64:A:LYS:HD3	1	0.39
(17,924)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	2	0.39
(17,924)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	2	0.39
(17,924)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	2	0.39
(17,924)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	16	0.39
(17,924)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	16	0.39
(17,924)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	16	0.39
(17,887)	1:133:A:ASN:HB3	1:134:A:VAL:HA	19	0.39
(17,883)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	2	0.39
(17,883)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	2	0.39
(17,883)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	2	0.39
(17,817)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	7	0.39
(17,817)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	7	0.39
(17,817)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	7	0.39
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	5	0.39
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	5	0.39
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	5	0.39
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	5	0.39
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	5	0.39
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	5	0.39
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	5	0.39
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	5	0.39
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	5	0.39
(17,708)	1:23:A:LEU:HB2	1:27:A:ARG:HE	3	0.39
(17,708)	1:23:A:LEU:HB3	1:27:A:ARG:HE	3	0.39
(17,698)	1:98:A:ILE:H	1:104:A:PHE:H	6	0.39
(17,671)	1:116:A:GLN:HG3	1:117:A:VAL:H	1	0.39
(17,308)	1:64:A:LYS:HD2	1:65:A:CYS:H	13	0.39
(17,308)	1:64:A:LYS:HD3	1:65:A:CYS:H	13	0.39
(17,233)	1:50:A:ALA:H	1:52:A:CYS:H	4	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,203)	1:101:A:ILE:H	1:101:A:ILE:HB	19	0.39
(17,189)	1:44:A:GLU:H	1:44:A:GLU:HG3	4	0.39
(17,189)	1:44:A:GLU:H	1:44:A:GLU:HG2	4	0.39
(16,2371)	1:116:A:GLN:HG2	1:117:A:VAL:HA	1	0.39
(16,2371)	1:116:A:GLN:HG3	1:117:A:VAL:HA	1	0.39
(16,2371)	1:116:A:GLN:HG2	1:117:A:VAL:HA	15	0.39
(16,2371)	1:116:A:GLN:HG3	1:117:A:VAL:HA	15	0.39
(16,2369)	1:116:A:GLN:HB2	1:119:A:LEU:HD11	15	0.39
(16,2369)	1:116:A:GLN:HB2	1:119:A:LEU:HD12	15	0.39
(16,2369)	1:116:A:GLN:HB2	1:119:A:LEU:HD13	15	0.39
(16,2369)	1:116:A:GLN:HB2	1:119:A:LEU:HD21	15	0.39
(16,2369)	1:116:A:GLN:HB2	1:119:A:LEU:HD22	15	0.39
(16,2369)	1:116:A:GLN:HB2	1:119:A:LEU:HD23	15	0.39
(16,2369)	1:116:A:GLN:HB3	1:119:A:LEU:HD11	15	0.39
(16,2369)	1:116:A:GLN:HB3	1:119:A:LEU:HD12	15	0.39
(16,2369)	1:116:A:GLN:HB3	1:119:A:LEU:HD13	15	0.39
(16,2369)	1:116:A:GLN:HB3	1:119:A:LEU:HD21	15	0.39
(16,2369)	1:116:A:GLN:HB3	1:119:A:LEU:HD22	15	0.39
(16,2369)	1:116:A:GLN:HB3	1:119:A:LEU:HD23	15	0.39
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD11	2	0.39
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD12	2	0.39
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD13	2	0.39
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD21	2	0.39
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD22	2	0.39
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD23	2	0.39
(16,2081)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	19	0.39
(16,2081)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	19	0.39
(16,2081)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	19	0.39
(16,2081)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	19	0.39
(16,2081)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	19	0.39
(16,2081)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	19	0.39
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	6	0.39
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	6	0.39
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	6	0.39
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	6	0.39
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	6	0.39
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	6	0.39
(16,1962)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	9	0.39
(16,1962)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	9	0.39
(16,1962)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	9	0.39
(16,1962)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	9	0.39
(16,1962)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	9	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1962)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	9	0.39
(16,1962)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	9	0.39
(16,1962)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	9	0.39
(16,1962)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	9	0.39
(16,1962)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	9	0.39
(16,1962)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	9	0.39
(16,1962)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	9	0.39
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	9	0.39
(16,1893)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	9	0.39
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	9	0.39
(16,1893)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	9	0.39
(16,1841)	1:9:A:PHE:HD1	1:57:A:LEU:HG	18	0.39
(16,1841)	1:9:A:PHE:HD2	1:57:A:LEU:HG	18	0.39
(16,1832)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	16	0.39
(16,1832)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	16	0.39
(16,1832)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	16	0.39
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	13	0.39
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	13	0.39
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	13	0.39
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	7	0.39
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	7	0.39
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	7	0.39
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	7	0.39
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	7	0.39
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	7	0.39
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	3	0.39
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	3	0.39
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	3	0.39
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	3	0.39
(16,1782)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	18	0.39
(16,1782)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	18	0.39
(16,1782)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	18	0.39
(16,1782)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	18	0.39
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG21	8	0.39
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG22	8	0.39
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG23	8	0.39
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG21	8	0.39
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG22	8	0.39
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG23	8	0.39
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG21	8	0.39
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG22	8	0.39
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG23	8	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1701)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	9	0.39
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB2	15	0.39
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB3	15	0.39
(16,1645)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	12	0.39
(16,1645)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	12	0.39
(16,1645)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	12	0.39
(16,1641)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	7	0.39
(16,1641)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	7	0.39
(16,1641)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	7	0.39
(16,1503)	1:11:A:ILE:HA	1:43:A:MET:HE1	11	0.39
(16,1503)	1:11:A:ILE:HA	1:43:A:MET:HE2	11	0.39
(16,1503)	1:11:A:ILE:HA	1:43:A:MET:HE3	11	0.39
(16,1436)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	1	0.39
(16,1436)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	1	0.39
(16,1436)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	1	0.39
(16,1436)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	1	0.39
(16,1436)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	1	0.39
(16,1436)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	1	0.39
(16,1428)	1:121:A:VAL:HG21	1:122:A:ASP:H	2	0.39
(16,1428)	1:121:A:VAL:HG22	1:122:A:ASP:H	2	0.39
(16,1428)	1:121:A:VAL:HG23	1:122:A:ASP:H	2	0.39
(16,1367)	1:39:A:VAL:HG11	1:144:A:LEU:H	16	0.39
(16,1367)	1:39:A:VAL:HG12	1:144:A:LEU:H	16	0.39
(16,1367)	1:39:A:VAL:HG13	1:144:A:LEU:H	16	0.39
(16,1124)	1:129:A:LYS:HA	1:132:A:ALA:HB1	2	0.39
(16,1124)	1:129:A:LYS:HA	1:132:A:ALA:HB2	2	0.39
(16,1124)	1:129:A:LYS:HA	1:132:A:ALA:HB3	2	0.39
(16,1087)	1:11:A:ILE:HB	1:44:A:GLU:HA	10	0.39
(16,1051)	1:11:A:ILE:HG12	1:43:A:MET:HB3	2	0.39
(16,1041)	1:11:A:ILE:HG12	1:44:A:GLU:HB2	9	0.39
(16,1041)	1:11:A:ILE:HG12	1:44:A:GLU:HB3	9	0.39
(16,1018)	1:95:A:ILE:HG21	1:105:A:LYS:HB2	12	0.39
(16,1018)	1:95:A:ILE:HG21	1:105:A:LYS:HB3	12	0.39
(16,1018)	1:95:A:ILE:HG22	1:105:A:LYS:HB2	12	0.39
(16,1018)	1:95:A:ILE:HG22	1:105:A:LYS:HB3	12	0.39
(16,1018)	1:95:A:ILE:HG23	1:105:A:LYS:HB2	12	0.39
(16,1018)	1:95:A:ILE:HG23	1:105:A:LYS:HB3	12	0.39
(16,1013)	1:35:A:LEU:HG	1:143:A:TRP:HB3	1	0.39
(16,939)	1:34:A:LYS:H	1:81:A:GLU:HG2	16	0.39
(16,939)	1:34:A:LYS:H	1:81:A:GLU:HG3	16	0.39
(16,930)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	8	0.39
(16,930)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	8	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,930)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	8	0.39
(16,908)	1:94:A:ALA:HA	1:95:A:ILE:HB	6	0.39
(16,846)	1:45:A:ALA:HA	1:48:A:ARG:HD2	3	0.39
(16,846)	1:45:A:ALA:HA	1:48:A:ARG:HD3	3	0.39
(16,816)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	10	0.39
(16,816)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	10	0.39
(16,816)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	10	0.39
(16,803)	1:63:A:ILE:HD11	1:117:A:VAL:HB	13	0.39
(16,803)	1:63:A:ILE:HD12	1:117:A:VAL:HB	13	0.39
(16,803)	1:63:A:ILE:HD13	1:117:A:VAL:HB	13	0.39
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE1	19	0.39
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE2	19	0.39
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE3	19	0.39
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE1	19	0.39
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE2	19	0.39
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE3	19	0.39
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE1	19	0.39
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE2	19	0.39
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE3	19	0.39
(16,792)	1:11:A:ILE:HD11	1:52:A:CYS:HB2	19	0.39
(16,792)	1:11:A:ILE:HD11	1:52:A:CYS:HB3	19	0.39
(16,792)	1:11:A:ILE:HD12	1:52:A:CYS:HB2	19	0.39
(16,792)	1:11:A:ILE:HD12	1:52:A:CYS:HB3	19	0.39
(16,792)	1:11:A:ILE:HD13	1:52:A:CYS:HB2	19	0.39
(16,792)	1:11:A:ILE:HD13	1:52:A:CYS:HB3	19	0.39
(16,758)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	7	0.39
(16,758)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	7	0.39
(16,758)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	7	0.39
(16,720)	1:44:A:GLU:HB2	1:48:A:ARG:HE	8	0.39
(16,720)	1:44:A:GLU:HB3	1:48:A:ARG:HE	8	0.39
(16,705)	1:98:A:ILE:H	1:104:A:PHE:H	1	0.39
(16,431)	1:39:A:VAL:HG21	1:143:A:TRP:H	6	0.39
(16,431)	1:39:A:VAL:HG22	1:143:A:TRP:H	6	0.39
(16,431)	1:39:A:VAL:HG23	1:143:A:TRP:H	6	0.39
(16,410)	1:119:A:LEU:H	1:119:A:LEU:HG	8	0.39
(16,241)	1:50:A:ALA:H	1:52:A:CYS:H	4	0.39
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD11	10	0.39
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD12	10	0.39
(16,239)	1:10:A:ASN:H	1:58:A:ILE:HD13	10	0.39
(16,210)	1:101:A:ILE:H	1:101:A:ILE:HB	19	0.39
(16,193)	1:58:A:ILE:HG21	1:60:A:LEU:H	14	0.39
(16,193)	1:58:A:ILE:HG22	1:60:A:LEU:H	14	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,193)	1:58:A:ILE:HG23	1:60:A:LEU:H	14	0.39
(16,31)	1:96:A:VAL:H	1:96:A:VAL:HA	1	0.39
(16,31)	1:96:A:VAL:H	1:96:A:VAL:HA	7	0.39
(16,31)	1:96:A:VAL:H	1:96:A:VAL:HA	9	0.39
(16,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	3	0.39
(16,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	3	0.39
(15,2340)	1:110:A:MET:HG2	1:114:A:ILE:HG12	17	0.39
(15,2340)	1:110:A:MET:HG2	1:114:A:ILE:HG13	17	0.39
(15,2340)	1:110:A:MET:HG3	1:114:A:ILE:HG12	17	0.39
(15,2340)	1:110:A:MET:HG3	1:114:A:ILE:HG13	17	0.39
(15,2259)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	10	0.39
(15,2259)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	10	0.39
(15,2259)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	10	0.39
(15,2259)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	10	0.39
(15,2238)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	19	0.39
(15,2238)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	19	0.39
(15,2238)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	19	0.39
(15,2238)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	19	0.39
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD11	6	0.39
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD12	6	0.39
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD13	6	0.39
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD21	6	0.39
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD22	6	0.39
(15,2064)	1:37:A:LEU:HA	1:40:A:LEU:HD23	6	0.39
(15,2052)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	19	0.39
(15,2052)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	19	0.39
(15,2052)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	19	0.39
(15,2052)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	19	0.39
(15,2052)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	19	0.39
(15,2052)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	19	0.39
(15,2052)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	19	0.39
(15,2052)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	19	0.39
(15,2052)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	19	0.39
(15,2052)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	19	0.39
(15,2052)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	19	0.39
(15,2052)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	19	0.39
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD11	8	0.39
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD12	8	0.39
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD13	8	0.39
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD21	8	0.39
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD22	8	0.39
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD23	8	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1960)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	19	0.39
(15,1960)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	19	0.39
(15,1960)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	19	0.39
(15,1960)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	19	0.39
(15,1960)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	19	0.39
(15,1960)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	19	0.39
(15,1960)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	19	0.39
(15,1960)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	19	0.39
(15,1960)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	19	0.39
(15,1960)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	19	0.39
(15,1960)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	19	0.39
(15,1960)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	19	0.39
(15,1898)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	2	0.39
(15,1898)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	2	0.39
(15,1882)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	15	0.39
(15,1882)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	15	0.39
(15,1882)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	15	0.39
(15,1882)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	15	0.39
(15,1882)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	15	0.39
(15,1882)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	15	0.39
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	11	0.39
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	11	0.39
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	11	0.39
(15,1846)	1:18:A:PHE:HA	1:113:A:PHE:HE1	7	0.39
(15,1846)	1:18:A:PHE:HA	1:113:A:PHE:HE2	7	0.39
(15,1839)	1:9:A:PHE:HD1	1:57:A:LEU:HG	18	0.39
(15,1839)	1:9:A:PHE:HD2	1:57:A:LEU:HG	18	0.39
(15,1825)	1:61:A:SER:HA	1:62:A:HIS:HD2	19	0.39
(15,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG21	12	0.39
(15,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG22	12	0.39
(15,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG23	12	0.39
(15,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG21	12	0.39
(15,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG22	12	0.39
(15,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG23	12	0.39
(15,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG21	12	0.39
(15,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG22	12	0.39
(15,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG23	12	0.39
(15,1643)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	7	0.39
(15,1643)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	7	0.39
(15,1643)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	7	0.39
(15,1578)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	8	0.39
(15,1578)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	8	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1578)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	8	0.39
(15,1551)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	0.39
(15,1551)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	0.39
(15,1551)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	0.39
(15,1551)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	0.39
(15,1551)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	0.39
(15,1551)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	0.39
(15,1150)	1:145:A:PRO:HB2	1:146:A:GLN:HA	3	0.39
(15,1075)	1:11:A:ILE:HB	1:44:A:GLU:HA	10	0.39
(15,1062)	1:43:A:MET:HB2	1:140:A:LEU:HG	10	0.39
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD11	1	0.39
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD12	1	0.39
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD13	1	0.39
(15,994)	1:98:A:ILE:H	1:105:A:LYS:HD2	3	0.39
(15,994)	1:98:A:ILE:H	1:105:A:LYS:HD3	3	0.39
(15,912)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	15	0.39
(15,912)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	15	0.39
(15,912)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	15	0.39
(15,892)	1:94:A:ALA:HA	1:95:A:ILE:HB	6	0.39
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	5	0.39
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	5	0.39
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	5	0.39
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	5	0.39
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	5	0.39
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	5	0.39
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	5	0.39
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	5	0.39
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	5	0.39
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	9	0.39
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	9	0.39
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	9	0.39
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	9	0.39
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	9	0.39
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	9	0.39
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	9	0.39
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	9	0.39
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	9	0.39
(15,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	7	0.39
(15,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	7	0.39
(15,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	7	0.39
(15,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	7	0.39
(15,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	7	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	7	0.39
(15,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	7	0.39
(15,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	7	0.39
(15,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	7	0.39
(15,820)	1:98:A:ILE:HD11	1:101:A:ILE:HB	1	0.39
(15,820)	1:98:A:ILE:HD12	1:101:A:ILE:HB	1	0.39
(15,820)	1:98:A:ILE:HD13	1:101:A:ILE:HB	1	0.39
(15,818)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	19	0.39
(15,818)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	19	0.39
(15,818)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	19	0.39
(15,800)	1:63:A:ILE:HD11	1:117:A:VAL:HB	13	0.39
(15,800)	1:63:A:ILE:HD12	1:117:A:VAL:HB	13	0.39
(15,800)	1:63:A:ILE:HD13	1:117:A:VAL:HB	13	0.39
(15,788)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	11	0.39
(15,788)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	11	0.39
(15,788)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	11	0.39
(15,788)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	11	0.39
(15,788)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	11	0.39
(15,788)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	11	0.39
(15,750)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	7	0.39
(15,750)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	7	0.39
(15,750)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	7	0.39
(15,714)	1:44:A:GLU:HB2	1:48:A:ARG:HE	8	0.39
(15,714)	1:44:A:GLU:HB3	1:48:A:ARG:HE	8	0.39
(15,708)	1:23:A:LEU:HB2	1:27:A:ARG:HE	3	0.39
(15,708)	1:23:A:LEU:HB3	1:27:A:ARG:HE	3	0.39
(15,582)	1:11:A:ILE:HD11	1:16:A:SER:H	8	0.39
(15,582)	1:11:A:ILE:HD12	1:16:A:SER:H	8	0.39
(15,582)	1:11:A:ILE:HD13	1:16:A:SER:H	8	0.39
(15,561)	1:124:A:THR:H	1:128:A:LEU:HD21	4	0.39
(15,561)	1:124:A:THR:H	1:128:A:LEU:HD22	4	0.39
(15,561)	1:124:A:THR:H	1:128:A:LEU:HD23	4	0.39
(15,409)	1:119:A:LEU:H	1:119:A:LEU:HG	8	0.39
(15,313)	1:64:A:LYS:HD2	1:65:A:CYS:H	13	0.39
(15,313)	1:64:A:LYS:HD3	1:65:A:CYS:H	13	0.39
(15,241)	1:50:A:ALA:H	1:52:A:CYS:H	4	0.39
(15,222)	1:110:A:MET:HG2	1:114:A:ILE:H	10	0.39
(15,222)	1:110:A:MET:HG3	1:114:A:ILE:H	10	0.39
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB1	14	0.39
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB2	14	0.39
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB3	14	0.39
(15,127)	1:79:A:THR:HA	1:80:A:TYR:H	18	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,72)	1:13:A:ALA:HB1	1:81:A:GLU:H	18	0.39
(15,72)	1:13:A:ALA:HB2	1:81:A:GLU:H	18	0.39
(15,72)	1:13:A:ALA:HB3	1:81:A:GLU:H	18	0.39
(15,55)	1:98:A:ILE:H	1:101:A:ILE:HG13	8	0.39
(15,55)	1:98:A:ILE:H	1:101:A:ILE:HG13	18	0.39
(15,32)	1:96:A:VAL:H	1:97:A:ASP:H	14	0.39
(15,14)	1:64:A:LYS:H	1:116:A:GLN:HG2	15	0.39
(13,2398)	1:131:A:LEU:H	1:134:A:VAL:HG11	12	0.39
(13,2398)	1:131:A:LEU:H	1:134:A:VAL:HG12	12	0.39
(13,2398)	1:131:A:LEU:H	1:134:A:VAL:HG13	12	0.39
(13,2398)	1:131:A:LEU:H	1:134:A:VAL:HG21	12	0.39
(13,2398)	1:131:A:LEU:H	1:134:A:VAL:HG22	12	0.39
(13,2398)	1:131:A:LEU:H	1:134:A:VAL:HG23	12	0.39
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG11	16	0.39
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG12	16	0.39
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG13	16	0.39
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG21	16	0.39
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG22	16	0.39
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG23	16	0.39
(13,2198)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	16	0.39
(13,2198)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	16	0.39
(13,2198)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	16	0.39
(13,2198)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	16	0.39
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD11	16	0.39
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD12	16	0.39
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD13	16	0.39
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD21	16	0.39
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD22	16	0.39
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD23	16	0.39
(13,2072)	1:39:A:VAL:HG11	1:144:A:LEU:H	3	0.39
(13,2072)	1:39:A:VAL:HG12	1:144:A:LEU:H	3	0.39
(13,2072)	1:39:A:VAL:HG13	1:144:A:LEU:H	3	0.39
(13,2072)	1:39:A:VAL:HG21	1:144:A:LEU:H	3	0.39
(13,2072)	1:39:A:VAL:HG22	1:144:A:LEU:H	3	0.39
(13,2072)	1:39:A:VAL:HG23	1:144:A:LEU:H	3	0.39
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD11	11	0.39
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD12	11	0.39
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD13	11	0.39
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD21	11	0.39
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD22	11	0.39
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD23	11	0.39
(13,1951)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	19	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1951)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	19	0.39
(13,1951)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	19	0.39
(13,1951)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	19	0.39
(13,1951)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	19	0.39
(13,1951)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	19	0.39
(13,1951)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	19	0.39
(13,1951)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	19	0.39
(13,1951)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	19	0.39
(13,1951)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	19	0.39
(13,1951)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	19	0.39
(13,1951)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	19	0.39
(13,1932)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	9	0.39
(13,1932)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	9	0.39
(13,1932)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	9	0.39
(13,1932)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	9	0.39
(13,1932)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	9	0.39
(13,1932)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	9	0.39
(13,1932)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	9	0.39
(13,1932)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	9	0.39
(13,1932)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	9	0.39
(13,1932)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	9	0.39
(13,1932)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	9	0.39
(13,1932)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	9	0.39
(13,1880)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	2	0.39
(13,1880)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	2	0.39
(13,1864)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	11	0.39
(13,1864)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	11	0.39
(13,1852)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	14	0.39
(13,1852)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	14	0.39
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	3	0.39
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	3	0.39
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	3	0.39
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	3	0.39
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	3	0.39
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	3	0.39
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	3	0.39
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	3	0.39
(13,1851)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	3	0.39
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	3	0.39
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	3	0.39
(13,1851)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	3	0.39
(13,1799)	1:61:A:SER:HA	1:62:A:HIS:HD2	19	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1792)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	18	0.39
(13,1792)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	18	0.39
(13,1792)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	18	0.39
(13,1745)	1:13:A:ALA:H	1:80:A:TYR:HD1	3	0.39
(13,1745)	1:13:A:ALA:H	1:80:A:TYR:HD2	3	0.39
(13,1729)	1:141:A:LYS:HA	1:144:A:LEU:HD21	10	0.39
(13,1729)	1:141:A:LYS:HA	1:144:A:LEU:HD22	10	0.39
(13,1729)	1:141:A:LYS:HA	1:144:A:LEU:HD23	10	0.39
(13,1688)	1:13:A:ALA:HA	1:79:A:THR:HG21	6	0.39
(13,1688)	1:13:A:ALA:HA	1:79:A:THR:HG22	6	0.39
(13,1688)	1:13:A:ALA:HA	1:79:A:THR:HG23	6	0.39
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG21	7	0.39
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG22	7	0.39
(13,1619)	1:50:A:ALA:HA	1:134:A:VAL:HG23	7	0.39
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	14	0.39
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	14	0.39
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	14	0.39
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	14	0.39
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	14	0.39
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	14	0.39
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	14	0.39
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	14	0.39
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	14	0.39
(13,1597)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	15	0.39
(13,1597)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	15	0.39
(13,1597)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	15	0.39
(13,1496)	1:69:A:MET:HE1	1:110:A:MET:HA	19	0.39
(13,1496)	1:69:A:MET:HE2	1:110:A:MET:HA	19	0.39
(13,1496)	1:69:A:MET:HE3	1:110:A:MET:HA	19	0.39
(13,1422)	1:31:A:PRO:HD2	1:144:A:LEU:HB3	16	0.39
(13,1405)	1:50:A:ALA:HB1	1:127:A:CYS:HA	5	0.39
(13,1405)	1:50:A:ALA:HB2	1:127:A:CYS:HA	5	0.39
(13,1405)	1:50:A:ALA:HB3	1:127:A:CYS:HA	5	0.39
(13,1378)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	11	0.39
(13,1378)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	11	0.39
(13,1378)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	11	0.39
(13,1378)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	11	0.39
(13,1378)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	11	0.39
(13,1378)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	11	0.39
(13,1378)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	11	0.39
(13,1378)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	11	0.39
(13,1378)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	11	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1315)	1:105:A:LYS:HG2	1:106:A:ASP:HA	15	0.39
(13,1098)	1:105:A:LYS:HA	1:105:A:LYS:HG2	4	0.39
(13,1057)	1:11:A:ILE:HB	1:44:A:GLU:HA	10	0.39
(13,948)	1:11:A:ILE:HD11	1:43:A:MET:HB2	2	0.39
(13,948)	1:11:A:ILE:HD12	1:43:A:MET:HB2	2	0.39
(13,948)	1:11:A:ILE:HD13	1:43:A:MET:HB2	2	0.39
(13,881)	1:94:A:ALA:HA	1:95:A:ILE:HB	6	0.39
(13,773)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	2	0.39
(13,773)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	2	0.39
(13,773)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	2	0.39
(13,773)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	2	0.39
(13,773)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	2	0.39
(13,773)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	2	0.39
(13,732)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	7	0.39
(13,732)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	7	0.39
(13,732)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	7	0.39
(13,692)	1:23:A:LEU:HB2	1:27:A:ARG:HE	3	0.39
(13,692)	1:23:A:LEU:HB3	1:27:A:ARG:HE	3	0.39
(13,682)	1:98:A:ILE:H	1:104:A:PHE:H	1	0.39
(13,468)	1:14:A:VAL:H	1:61:A:SER:HA	7	0.39
(13,402)	1:119:A:LEU:H	1:119:A:LEU:HG	8	0.39
(13,234)	1:50:A:ALA:H	1:52:A:CYS:H	4	0.39
(13,203)	1:101:A:ILE:H	1:101:A:ILE:HB	19	0.39
(13,119)	1:79:A:THR:HA	1:80:A:TYR:H	18	0.39
(13,66)	1:13:A:ALA:HB1	1:81:A:GLU:H	18	0.39
(13,66)	1:13:A:ALA:HB2	1:81:A:GLU:H	18	0.39
(13,66)	1:13:A:ALA:HB3	1:81:A:GLU:H	18	0.39
(11,2309)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	5	0.39
(11,2309)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	5	0.39
(11,2309)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	5	0.39
(11,2309)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	5	0.39
(11,2309)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	5	0.39
(11,2309)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	5	0.39
(11,2309)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	5	0.39
(11,2309)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	5	0.39
(11,2309)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	5	0.39
(11,2309)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	5	0.39
(11,2309)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	5	0.39
(11,2309)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	5	0.39
(11,2309)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	5	0.39
(11,2309)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	5	0.39
(11,2309)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	5	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2309)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	5	0.39
(11,2309)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	5	0.39
(11,2309)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	5	0.39
(11,2286)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	15	0.39
(11,2286)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	15	0.39
(11,2286)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	15	0.39
(11,2286)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	15	0.39
(11,2238)	1:66:A:THR:H	1:70:A:LYS:HD2	13	0.39
(11,2238)	1:66:A:THR:H	1:70:A:LYS:HD3	13	0.39
(11,1993)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	9	0.39
(11,1993)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	9	0.39
(11,1993)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	9	0.39
(11,1993)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	9	0.39
(11,1993)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	9	0.39
(11,1993)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	9	0.39
(11,1993)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	9	0.39
(11,1993)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	9	0.39
(11,1993)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	9	0.39
(11,1993)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	9	0.39
(11,1993)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	9	0.39
(11,1993)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	9	0.39
(11,1868)	1:61:A:SER:HA	1:62:A:HIS:HD2	19	0.39
(11,1853)	1:9:A:PHE:HZ	1:54:A:ARG:HA	6	0.39
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	3	0.39
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	3	0.39
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	3	0.39
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	3	0.39
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	16	0.39
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	16	0.39
(11,1707)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	16	0.39
(11,1707)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	16	0.39
(11,1597)	1:11:A:ILE:HD11	1:18:A:PHE:HD1	19	0.39
(11,1597)	1:11:A:ILE:HD11	1:18:A:PHE:HD2	19	0.39
(11,1597)	1:11:A:ILE:HD12	1:18:A:PHE:HD1	19	0.39
(11,1597)	1:11:A:ILE:HD12	1:18:A:PHE:HD2	19	0.39
(11,1597)	1:11:A:ILE:HD13	1:18:A:PHE:HD1	19	0.39
(11,1597)	1:11:A:ILE:HD13	1:18:A:PHE:HD2	19	0.39
(11,1587)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	0.39
(11,1587)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	0.39
(11,1587)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	0.39
(11,1587)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	0.39
(11,1587)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1587)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	0.39
(11,1454)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	1	0.39
(11,1454)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	1	0.39
(11,1454)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	1	0.39
(11,1454)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	1	0.39
(11,1454)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	1	0.39
(11,1454)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	1	0.39
(11,1384)	1:39:A:VAL:HG11	1:144:A:LEU:H	16	0.39
(11,1384)	1:39:A:VAL:HG12	1:144:A:LEU:H	16	0.39
(11,1384)	1:39:A:VAL:HG13	1:144:A:LEU:H	16	0.39
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG11	5	0.39
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG12	5	0.39
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG13	5	0.39
(11,1363)	1:105:A:LYS:HG2	1:106:A:ASP:HA	15	0.39
(11,1254)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	14	0.39
(11,1254)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	14	0.39
(11,1254)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	14	0.39
(11,1083)	1:11:A:ILE:HB	1:44:A:GLU:HA	10	0.39
(11,1068)	1:43:A:MET:HB2	1:140:A:LEU:HG	10	0.39
(11,930)	1:34:A:LYS:H	1:81:A:GLU:HG2	16	0.39
(11,930)	1:34:A:LYS:H	1:81:A:GLU:HG3	16	0.39
(11,929)	1:81:A:GLU:H	1:81:A:GLU:HG2	16	0.39
(11,929)	1:81:A:GLU:H	1:81:A:GLU:HG3	16	0.39
(11,896)	1:73:A:ILE:HB	1:76:A:ARG:HA	4	0.39
(11,880)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	2	0.39
(11,880)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	2	0.39
(11,880)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	2	0.39
(11,780)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	11	0.39
(11,780)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	11	0.39
(11,780)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	11	0.39
(11,780)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	11	0.39
(11,780)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	11	0.39
(11,780)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	11	0.39
(11,747)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	7	0.39
(11,747)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	7	0.39
(11,747)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	7	0.39
(11,707)	1:23:A:LEU:HB2	1:27:A:ARG:HE	3	0.39
(11,707)	1:23:A:LEU:HB3	1:27:A:ARG:HE	3	0.39
(11,698)	1:98:A:ILE:H	1:104:A:PHE:H	1	0.39
(11,671)	1:116:A:GLN:HG3	1:117:A:VAL:H	1	0.39
(11,583)	1:128:A:LEU:HD11	1:130:A:GLY:H	1	0.39
(11,583)	1:128:A:LEU:HD12	1:130:A:GLY:H	1	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,583)	1:128:A:LEU:HD13	1:130:A:GLY:H	1	0.39
(11,493)	1:8:A:ASP:HB2	1:9:A:PHE:H	4	0.39
(11,321)	1:56:A:CYS:HA	1:122:A:ASP:H	11	0.39
(11,213)	1:110:A:MET:HG2	1:114:A:ILE:H	10	0.39
(11,213)	1:110:A:MET:HG3	1:114:A:ILE:H	10	0.39
(11,203)	1:101:A:ILE:H	1:101:A:ILE:HB	19	0.39
(11,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	3	0.39
(11,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	3	0.39
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	8	0.39
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	8	0.39
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	8	0.39
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	8	0.39
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	8	0.39
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	8	0.39
(9,2326)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	19	0.39
(9,2326)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	19	0.39
(9,2326)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	19	0.39
(9,2326)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	19	0.39
(9,2326)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	19	0.39
(9,2326)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	19	0.39
(9,2275)	1:107:A:LEU:HD11	1:115:A:ALA:H	5	0.39
(9,2275)	1:107:A:LEU:HD12	1:115:A:ALA:H	5	0.39
(9,2275)	1:107:A:LEU:HD13	1:115:A:ALA:H	5	0.39
(9,2275)	1:107:A:LEU:HD21	1:115:A:ALA:H	5	0.39
(9,2275)	1:107:A:LEU:HD22	1:115:A:ALA:H	5	0.39
(9,2275)	1:107:A:LEU:HD23	1:115:A:ALA:H	5	0.39
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD11	2	0.39
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD12	2	0.39
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD13	2	0.39
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD21	2	0.39
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD22	2	0.39
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD23	2	0.39
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	6	0.39
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	6	0.39
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	6	0.39
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	6	0.39
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	6	0.39
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	6	0.39
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD11	11	0.39
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD12	11	0.39
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD13	11	0.39
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD21	11	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD22	11	0.39
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD23	11	0.39
(9,1903)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	15	0.39
(9,1903)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	15	0.39
(9,1903)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	15	0.39
(9,1903)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	15	0.39
(9,1903)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	15	0.39
(9,1903)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	15	0.39
(9,1897)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	16	0.39
(9,1897)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	16	0.39
(9,1897)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	16	0.39
(9,1897)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	16	0.39
(9,1858)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	17	0.39
(9,1858)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	17	0.39
(9,1845)	1:9:A:PHE:HD1	1:57:A:LEU:HG	18	0.39
(9,1845)	1:9:A:PHE:HD2	1:57:A:LEU:HG	18	0.39
(9,1834)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	16	0.39
(9,1834)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	16	0.39
(9,1834)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	16	0.39
(9,1833)	1:61:A:SER:HA	1:62:A:HIS:HD2	19	0.39
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	7	0.39
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	7	0.39
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	7	0.39
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	7	0.39
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	7	0.39
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	7	0.39
(9,1800)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	6	0.39
(9,1800)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	6	0.39
(9,1713)	1:19:A:ALA:HB1	1:20:A:THR:HG21	12	0.39
(9,1713)	1:19:A:ALA:HB1	1:20:A:THR:HG22	12	0.39
(9,1713)	1:19:A:ALA:HB1	1:20:A:THR:HG23	12	0.39
(9,1713)	1:19:A:ALA:HB2	1:20:A:THR:HG21	12	0.39
(9,1713)	1:19:A:ALA:HB2	1:20:A:THR:HG22	12	0.39
(9,1713)	1:19:A:ALA:HB2	1:20:A:THR:HG23	12	0.39
(9,1713)	1:19:A:ALA:HB3	1:20:A:THR:HG21	12	0.39
(9,1713)	1:19:A:ALA:HB3	1:20:A:THR:HG22	12	0.39
(9,1713)	1:19:A:ALA:HB3	1:20:A:THR:HG23	12	0.39
(9,1664)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	16	0.39
(9,1664)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	16	0.39
(9,1658)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	19	0.39
(9,1658)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	19	0.39
(9,1649)	1:69:A:MET:HE1	1:116:A:GLN:HG3	10	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1649)	1:69:A:MET:HE2	1:116:A:GLN:HG3	10	0.39
(9,1649)	1:69:A:MET:HE3	1:116:A:GLN:HG3	10	0.39
(9,1638)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	7	0.39
(9,1638)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	7	0.39
(9,1638)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	7	0.39
(9,1574)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	18	0.39
(9,1574)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	18	0.39
(9,1574)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	18	0.39
(9,1505)	1:43:A:MET:HE1	1:46:A:ASN:HB2	13	0.39
(9,1505)	1:43:A:MET:HE2	1:46:A:ASN:HB2	13	0.39
(9,1505)	1:43:A:MET:HE3	1:46:A:ASN:HB2	13	0.39
(9,1476)	1:101:A:ILE:HG21	1:115:A:ALA:HA	19	0.39
(9,1476)	1:101:A:ILE:HG22	1:115:A:ALA:HA	19	0.39
(9,1476)	1:101:A:ILE:HG23	1:115:A:ALA:HA	19	0.39
(9,1287)	1:66:A:THR:HG21	1:96:A:VAL:H	12	0.39
(9,1287)	1:66:A:THR:HG22	1:96:A:VAL:H	12	0.39
(9,1287)	1:66:A:THR:HG23	1:96:A:VAL:H	12	0.39
(9,1272)	1:28:A:GLY:HA2	1:30:A:LEU:HD11	15	0.39
(9,1272)	1:28:A:GLY:HA2	1:30:A:LEU:HD12	15	0.39
(9,1272)	1:28:A:GLY:HA2	1:30:A:LEU:HD13	15	0.39
(9,1272)	1:28:A:GLY:HA3	1:30:A:LEU:HD11	15	0.39
(9,1272)	1:28:A:GLY:HA3	1:30:A:LEU:HD12	15	0.39
(9,1272)	1:28:A:GLY:HA3	1:30:A:LEU:HD13	15	0.39
(9,1255)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	11	0.39
(9,1255)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	11	0.39
(9,1255)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	11	0.39
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD21	8	0.39
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD22	8	0.39
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD23	8	0.39
(9,1120)	1:105:A:LYS:HA	1:105:A:LYS:HG2	6	0.39
(9,1120)	1:105:A:LYS:HA	1:105:A:LYS:HG2	8	0.39
(9,1120)	1:105:A:LYS:HA	1:105:A:LYS:HG2	11	0.39
(9,1120)	1:105:A:LYS:HA	1:105:A:LYS:HG2	18	0.39
(9,1120)	1:105:A:LYS:HA	1:105:A:LYS:HG2	19	0.39
(9,1110)	1:41:A:LYS:HA	1:44:A:GLU:HG2	9	0.39
(9,1072)	1:11:A:ILE:HB	1:44:A:GLU:HA	10	0.39
(9,991)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	16	0.39
(9,991)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	16	0.39
(9,958)	1:66:A:THR:H	1:96:A:VAL:HB	4	0.39
(9,927)	1:81:A:GLU:HA	1:81:A:GLU:HG2	1	0.39
(9,927)	1:81:A:GLU:HA	1:81:A:GLU:HG3	1	0.39
(9,927)	1:81:A:GLU:HA	1:81:A:GLU:HG2	5	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,927)	1:81:A:GLU:HA	1:81:A:GLU:HG3	5	0.39
(9,927)	1:81:A:GLU:HA	1:81:A:GLU:HG2	7	0.39
(9,927)	1:81:A:GLU:HA	1:81:A:GLU:HG3	7	0.39
(9,927)	1:81:A:GLU:HA	1:81:A:GLU:HG2	10	0.39
(9,927)	1:81:A:GLU:HA	1:81:A:GLU:HG3	10	0.39
(9,927)	1:81:A:GLU:HA	1:81:A:GLU:HG2	11	0.39
(9,927)	1:81:A:GLU:HA	1:81:A:GLU:HG3	11	0.39
(9,890)	1:73:A:ILE:HB	1:76:A:ARG:HA	13	0.39
(9,780)	1:11:A:ILE:HD11	1:52:A:CYS:HB2	19	0.39
(9,780)	1:11:A:ILE:HD11	1:52:A:CYS:HB3	19	0.39
(9,780)	1:11:A:ILE:HD12	1:52:A:CYS:HB2	19	0.39
(9,780)	1:11:A:ILE:HD12	1:52:A:CYS:HB3	19	0.39
(9,780)	1:11:A:ILE:HD13	1:52:A:CYS:HB2	19	0.39
(9,780)	1:11:A:ILE:HD13	1:52:A:CYS:HB3	19	0.39
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG11	13	0.39
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG12	13	0.39
(9,753)	1:38:A:GLU:H	1:39:A:VAL:HG13	13	0.39
(9,744)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	7	0.39
(9,744)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	7	0.39
(9,744)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	7	0.39
(9,701)	1:23:A:LEU:HB2	1:27:A:ARG:HE	3	0.39
(9,701)	1:23:A:LEU:HB3	1:27:A:ARG:HE	3	0.39
(9,328)	1:56:A:CYS:HA	1:122:A:ASP:H	11	0.39
(9,207)	1:101:A:ILE:H	1:101:A:ILE:HB	19	0.39
(9,69)	1:13:A:ALA:HB1	1:81:A:GLU:H	18	0.39
(9,69)	1:13:A:ALA:HB2	1:81:A:GLU:H	18	0.39
(9,69)	1:13:A:ALA:HB3	1:81:A:GLU:H	18	0.39
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD11	1	0.39
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD12	1	0.39
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD13	1	0.39
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD21	1	0.39
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD22	1	0.39
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD23	1	0.39
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD11	1	0.39
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD12	1	0.39
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD13	1	0.39
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD21	1	0.39
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD22	1	0.39
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD23	1	0.39
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD11	1	0.39
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD12	1	0.39
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD13	1	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD21	1	0.39
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD22	1	0.39
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD23	1	0.39
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD11	1	0.39
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD12	1	0.39
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD13	1	0.39
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD21	1	0.39
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD22	1	0.39
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD23	1	0.39
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD11	1	0.39
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD12	1	0.39
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD13	1	0.39
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD21	1	0.39
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD22	1	0.39
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD23	1	0.39
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD11	1	0.39
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD12	1	0.39
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD13	1	0.39
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD21	1	0.39
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD22	1	0.39
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD23	1	0.39
(7,2322)	1:107:A:LEU:HD11	1:115:A:ALA:H	5	0.39
(7,2322)	1:107:A:LEU:HD12	1:115:A:ALA:H	5	0.39
(7,2322)	1:107:A:LEU:HD13	1:115:A:ALA:H	5	0.39
(7,2322)	1:107:A:LEU:HD21	1:115:A:ALA:H	5	0.39
(7,2322)	1:107:A:LEU:HD22	1:115:A:ALA:H	5	0.39
(7,2322)	1:107:A:LEU:HD23	1:115:A:ALA:H	5	0.39
(7,2319)	1:107:A:LEU:HD11	1:112:A:GLN:HA	3	0.39
(7,2319)	1:107:A:LEU:HD12	1:112:A:GLN:HA	3	0.39
(7,2319)	1:107:A:LEU:HD13	1:112:A:GLN:HA	3	0.39
(7,2319)	1:107:A:LEU:HD21	1:112:A:GLN:HA	3	0.39
(7,2319)	1:107:A:LEU:HD22	1:112:A:GLN:HA	3	0.39
(7,2319)	1:107:A:LEU:HD23	1:112:A:GLN:HA	3	0.39
(7,2247)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	15	0.39
(7,2247)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	15	0.39
(7,2247)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	15	0.39
(7,2247)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	15	0.39
(7,2197)	1:63:A:ILE:HG12	1:117:A:VAL:H	17	0.39
(7,2197)	1:63:A:ILE:HG13	1:117:A:VAL:H	17	0.39
(7,2185)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	13	0.39
(7,2185)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	13	0.39
(7,2185)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	13	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2185)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	13	0.39
(7,2185)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	13	0.39
(7,2185)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	13	0.39
(7,2185)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	13	0.39
(7,2185)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	13	0.39
(7,2185)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	13	0.39
(7,2185)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	13	0.39
(7,2185)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	13	0.39
(7,2185)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	13	0.39
(7,2185)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	13	0.39
(7,2185)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	13	0.39
(7,2185)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	13	0.39
(7,2185)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	13	0.39
(7,2185)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	13	0.39
(7,2185)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	13	0.39
(7,2185)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	13	0.39
(7,2185)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	13	0.39
(7,2185)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	13	0.39
(7,2185)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	13	0.39
(7,2185)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	13	0.39
(7,2185)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	13	0.39
(7,2185)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	13	0.39
(7,2185)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	13	0.39
(7,2185)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	13	0.39
(7,2185)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	13	0.39
(7,2185)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	13	0.39
(7,2185)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	13	0.39
(7,2185)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	13	0.39
(7,2185)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	13	0.39
(7,2185)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	13	0.39
(7,2185)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	13	0.39
(7,2185)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	13	0.39
(7,2185)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	13	0.39
(7,2185)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	17	0.39
(7,2185)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	17	0.39
(7,2185)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	17	0.39
(7,2185)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	17	0.39
(7,2185)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	17	0.39
(7,2185)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	17	0.39
(7,2185)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	17	0.39
(7,2185)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	17	0.39
(7,2185)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	17	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2185)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	17	0.39
(7,2185)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	17	0.39
(7,2185)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	17	0.39
(7,2185)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	17	0.39
(7,2185)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	17	0.39
(7,2185)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	17	0.39
(7,2185)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	17	0.39
(7,2185)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	17	0.39
(7,2185)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	17	0.39
(7,2185)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	17	0.39
(7,2185)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	17	0.39
(7,2185)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	17	0.39
(7,2185)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	17	0.39
(7,2185)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	17	0.39
(7,2185)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	17	0.39
(7,2185)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	17	0.39
(7,2185)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	17	0.39
(7,2185)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	17	0.39
(7,2185)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	17	0.39
(7,2185)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	17	0.39
(7,2185)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	17	0.39
(7,2185)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	17	0.39
(7,2185)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	17	0.39
(7,2185)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	17	0.39
(7,2185)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	17	0.39
(7,2185)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	17	0.39
(7,2185)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	17	0.39
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD11	13	0.39
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD12	13	0.39
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD13	13	0.39
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD21	13	0.39
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD22	13	0.39
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD23	13	0.39
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD11	12	0.39
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD12	12	0.39
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD13	12	0.39
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD21	12	0.39
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD22	12	0.39
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD23	12	0.39
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD11	3	0.39
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD12	3	0.39
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD13	3	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD21	3	0.39
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD22	3	0.39
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD23	3	0.39
(7,2040)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	19	0.39
(7,2040)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	19	0.39
(7,2040)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	19	0.39
(7,2040)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	19	0.39
(7,2040)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	19	0.39
(7,2040)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	19	0.39
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	10	0.39
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	10	0.39
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	10	0.39
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	10	0.39
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	10	0.39
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	10	0.39
(7,1945)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	12	0.39
(7,1945)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	12	0.39
(7,1945)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	12	0.39
(7,1945)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	12	0.39
(7,1945)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	12	0.39
(7,1945)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	12	0.39
(7,1943)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	14	0.39
(7,1943)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	14	0.39
(7,1943)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	14	0.39
(7,1943)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	14	0.39
(7,1943)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	14	0.39
(7,1943)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	14	0.39
(7,1905)	1:10:A:ASN:HB2	1:79:A:THR:HB	7	0.39
(7,1905)	1:10:A:ASN:HB3	1:79:A:THR:HB	7	0.39
(7,1885)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	2	0.39
(7,1885)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	2	0.39
(7,1833)	1:18:A:PHE:HA	1:113:A:PHE:HE1	7	0.39
(7,1833)	1:18:A:PHE:HA	1:113:A:PHE:HE2	7	0.39
(7,1810)	1:61:A:SER:HA	1:62:A:HIS:HD2	19	0.39
(7,1792)	1:9:A:PHE:HZ	1:57:A:LEU:HA	9	0.39
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	13	0.39
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	13	0.39
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	13	0.39
(7,1747)	1:13:A:ALA:H	1:80:A:TYR:HD1	3	0.39
(7,1747)	1:13:A:ALA:H	1:80:A:TYR:HD2	3	0.39
(7,1663)	1:57:A:LEU:HB3	1:58:A:ILE:HD11	3	0.39
(7,1663)	1:57:A:LEU:HB3	1:58:A:ILE:HD12	3	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1663)	1:57:A:LEU:HB3	1:58:A:ILE:HD13	3	0.39
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG21	15	0.39
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG22	15	0.39
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG23	15	0.39
(7,1554)	1:101:A:ILE:HD11	1:112:A:GLN:HA	2	0.39
(7,1554)	1:101:A:ILE:HD12	1:112:A:GLN:HA	2	0.39
(7,1554)	1:101:A:ILE:HD13	1:112:A:GLN:HA	2	0.39
(7,1535)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	0.39
(7,1535)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	0.39
(7,1535)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	0.39
(7,1535)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	0.39
(7,1535)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	0.39
(7,1535)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	0.39
(7,1531)	1:143:A:TRP:H	1:144:A:LEU:HD11	5	0.39
(7,1531)	1:143:A:TRP:H	1:144:A:LEU:HD12	5	0.39
(7,1531)	1:143:A:TRP:H	1:144:A:LEU:HD13	5	0.39
(7,1495)	1:11:A:ILE:HG21	1:43:A:MET:HE1	4	0.39
(7,1495)	1:11:A:ILE:HG21	1:43:A:MET:HE2	4	0.39
(7,1495)	1:11:A:ILE:HG21	1:43:A:MET:HE3	4	0.39
(7,1495)	1:11:A:ILE:HG22	1:43:A:MET:HE1	4	0.39
(7,1495)	1:11:A:ILE:HG22	1:43:A:MET:HE2	4	0.39
(7,1495)	1:11:A:ILE:HG22	1:43:A:MET:HE3	4	0.39
(7,1495)	1:11:A:ILE:HG23	1:43:A:MET:HE1	4	0.39
(7,1495)	1:11:A:ILE:HG23	1:43:A:MET:HE2	4	0.39
(7,1495)	1:11:A:ILE:HG23	1:43:A:MET:HE3	4	0.39
(7,1487)	1:43:A:MET:HE1	1:44:A:GLU:HA	6	0.39
(7,1487)	1:43:A:MET:HE2	1:44:A:GLU:HA	6	0.39
(7,1487)	1:43:A:MET:HE3	1:44:A:GLU:HA	6	0.39
(7,1459)	1:101:A:ILE:HG21	1:115:A:ALA:HA	19	0.39
(7,1459)	1:101:A:ILE:HG22	1:115:A:ALA:HA	19	0.39
(7,1459)	1:101:A:ILE:HG23	1:115:A:ALA:HA	19	0.39
(7,1438)	1:14:A:VAL:HB	1:15:A:ALA:HB1	4	0.39
(7,1438)	1:14:A:VAL:HB	1:15:A:ALA:HB2	4	0.39
(7,1438)	1:14:A:VAL:HB	1:15:A:ALA:HB3	4	0.39
(7,1348)	1:39:A:VAL:HG11	1:144:A:LEU:H	16	0.39
(7,1348)	1:39:A:VAL:HG12	1:144:A:LEU:H	16	0.39
(7,1348)	1:39:A:VAL:HG13	1:144:A:LEU:H	16	0.39
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG11	4	0.39
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG12	4	0.39
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG13	4	0.39
(7,1055)	1:11:A:ILE:HB	1:44:A:GLU:HA	10	0.39
(7,977)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	16	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,977)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	16	0.39
(7,903)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	15	0.39
(7,903)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	15	0.39
(7,903)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	15	0.39
(7,883)	1:94:A:ALA:HA	1:95:A:ILE:HB	6	0.39
(7,807)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	19	0.39
(7,807)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	19	0.39
(7,807)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	19	0.39
(7,776)	1:63:A:ILE:HD11	1:64:A:LYS:H	18	0.39
(7,776)	1:63:A:ILE:HD12	1:64:A:LYS:H	18	0.39
(7,776)	1:63:A:ILE:HD13	1:64:A:LYS:H	18	0.39
(7,775)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	5	0.39
(7,775)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	5	0.39
(7,775)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	5	0.39
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG11	13	0.39
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG12	13	0.39
(7,746)	1:38:A:GLU:H	1:39:A:VAL:HG13	13	0.39
(7,693)	1:98:A:ILE:H	1:104:A:PHE:H	1	0.39
(7,484)	1:145:A:PRO:HB3	1:148:A:CYS:H	7	0.39
(7,397)	1:105:A:LYS:HG3	1:106:A:ASP:H	10	0.39
(7,343)	1:122:A:ASP:HB3	1:123:A:CYS:H	1	0.39
(7,343)	1:122:A:ASP:HB3	1:123:A:CYS:H	17	0.39
(7,292)	1:121:A:VAL:H	1:123:A:CYS:H	17	0.39
(7,217)	1:110:A:MET:HG2	1:114:A:ILE:H	10	0.39
(7,217)	1:110:A:MET:HG3	1:114:A:ILE:H	10	0.39
(7,206)	1:101:A:ILE:H	1:101:A:ILE:HB	19	0.39
(7,157)	1:127:A:CYS:H	1:128:A:LEU:HB2	16	0.39
(7,120)	1:79:A:THR:HA	1:80:A:TYR:H	18	0.39
(7,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	3	0.39
(7,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	3	0.39
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG11	8	0.39
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG12	8	0.39
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG13	8	0.39
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG21	8	0.39
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG22	8	0.39
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG23	8	0.39
(6,2337)	1:107:A:LEU:HD11	1:115:A:ALA:H	5	0.39
(6,2337)	1:107:A:LEU:HD12	1:115:A:ALA:H	5	0.39
(6,2337)	1:107:A:LEU:HD13	1:115:A:ALA:H	5	0.39
(6,2337)	1:107:A:LEU:HD21	1:115:A:ALA:H	5	0.39
(6,2337)	1:107:A:LEU:HD22	1:115:A:ALA:H	5	0.39
(6,2337)	1:107:A:LEU:HD23	1:115:A:ALA:H	5	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2119)	1:39:A:VAL:HG11	1:144:A:LEU:H	3	0.39
(6,2119)	1:39:A:VAL:HG12	1:144:A:LEU:H	3	0.39
(6,2119)	1:39:A:VAL:HG13	1:144:A:LEU:H	3	0.39
(6,2119)	1:39:A:VAL:HG21	1:144:A:LEU:H	3	0.39
(6,2119)	1:39:A:VAL:HG22	1:144:A:LEU:H	3	0.39
(6,2119)	1:39:A:VAL:HG23	1:144:A:LEU:H	3	0.39
(6,2109)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	7	0.39
(6,2109)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	7	0.39
(6,2109)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	7	0.39
(6,2109)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	7	0.39
(6,2109)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	7	0.39
(6,2109)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	7	0.39
(6,2109)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	7	0.39
(6,2109)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	7	0.39
(6,2109)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	7	0.39
(6,2109)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	7	0.39
(6,2109)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	7	0.39
(6,2109)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	7	0.39
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD11	2	0.39
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD12	2	0.39
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD13	2	0.39
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD21	2	0.39
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD22	2	0.39
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD23	2	0.39
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD11	11	0.39
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD12	11	0.39
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD13	11	0.39
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD21	11	0.39
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD22	11	0.39
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD23	11	0.39
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	6	0.39
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	6	0.39
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	6	0.39
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	6	0.39
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	6	0.39
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	6	0.39
(6,2002)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	19	0.39
(6,2002)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	19	0.39
(6,2002)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	19	0.39
(6,2002)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	19	0.39
(6,2002)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	19	0.39
(6,2002)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	19	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2002)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	19	0.39
(6,2002)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	19	0.39
(6,2002)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	19	0.39
(6,2002)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	19	0.39
(6,2002)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	19	0.39
(6,2002)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	19	0.39
(6,1988)	1:13:A:ALA:H	1:40:A:LEU:HD11	14	0.39
(6,1988)	1:13:A:ALA:H	1:40:A:LEU:HD12	14	0.39
(6,1988)	1:13:A:ALA:H	1:40:A:LEU:HD13	14	0.39
(6,1988)	1:13:A:ALA:H	1:40:A:LEU:HD21	14	0.39
(6,1988)	1:13:A:ALA:H	1:40:A:LEU:HD22	14	0.39
(6,1988)	1:13:A:ALA:H	1:40:A:LEU:HD23	14	0.39
(6,1981)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	9	0.39
(6,1981)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	9	0.39
(6,1981)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	9	0.39
(6,1981)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	9	0.39
(6,1981)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	9	0.39
(6,1981)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	9	0.39
(6,1981)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	9	0.39
(6,1981)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	9	0.39
(6,1981)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	9	0.39
(6,1981)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	9	0.39
(6,1981)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	9	0.39
(6,1981)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	9	0.39
(6,1880)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	0.39
(6,1880)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	0.39
(6,1880)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	0.39
(6,1880)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	0.39
(6,1880)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	0.39
(6,1880)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	0.39
(6,1846)	1:61:A:SER:HA	1:62:A:HIS:HD2	19	0.39
(6,1830)	1:9:A:PHE:HZ	1:57:A:LEU:HA	9	0.39
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	13	0.39
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	13	0.39
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	13	0.39
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	7	0.39
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	7	0.39
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	7	0.39
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	7	0.39
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	7	0.39
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	7	0.39
(6,1785)	1:144:A:LEU:HA	1:144:A:LEU:HD11	17	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1785)	1:144:A:LEU:HA	1:144:A:LEU:HD12	17	0.39
(6,1785)	1:144:A:LEU:HA	1:144:A:LEU:HD13	17	0.39
(6,1674)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	16	0.39
(6,1674)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	16	0.39
(6,1520)	1:69:A:MET:HE1	1:110:A:MET:HA	19	0.39
(6,1520)	1:69:A:MET:HE2	1:110:A:MET:HA	19	0.39
(6,1520)	1:69:A:MET:HE3	1:110:A:MET:HA	19	0.39
(6,1510)	1:11:A:ILE:HG21	1:43:A:MET:HE1	4	0.39
(6,1510)	1:11:A:ILE:HG21	1:43:A:MET:HE2	4	0.39
(6,1510)	1:11:A:ILE:HG21	1:43:A:MET:HE3	4	0.39
(6,1510)	1:11:A:ILE:HG22	1:43:A:MET:HE1	4	0.39
(6,1510)	1:11:A:ILE:HG22	1:43:A:MET:HE2	4	0.39
(6,1510)	1:11:A:ILE:HG22	1:43:A:MET:HE3	4	0.39
(6,1510)	1:11:A:ILE:HG23	1:43:A:MET:HE1	4	0.39
(6,1510)	1:11:A:ILE:HG23	1:43:A:MET:HE2	4	0.39
(6,1510)	1:11:A:ILE:HG23	1:43:A:MET:HE3	4	0.39
(6,1474)	1:101:A:ILE:HG21	1:115:A:ALA:HA	19	0.39
(6,1474)	1:101:A:ILE:HG22	1:115:A:ALA:HA	19	0.39
(6,1474)	1:101:A:ILE:HG23	1:115:A:ALA:HA	19	0.39
(6,1468)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	3	0.39
(6,1468)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	3	0.39
(6,1468)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	3	0.39
(6,1468)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	3	0.39
(6,1468)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	3	0.39
(6,1468)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	3	0.39
(6,1431)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	1	0.39
(6,1431)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	1	0.39
(6,1431)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	1	0.39
(6,1431)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	1	0.39
(6,1431)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	1	0.39
(6,1431)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	1	0.39
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	19	0.39
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	19	0.39
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	19	0.39
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	19	0.39
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	19	0.39
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	19	0.39
(6,1340)	1:17:A:ASN:HA	1:76:A:ARG:HA	6	0.39
(6,1058)	1:11:A:ILE:HB	1:44:A:GLU:HA	10	0.39
(6,1029)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	2	0.39
(6,1029)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	2	0.39
(6,1029)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	2	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1029)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	2	0.39
(6,1029)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	2	0.39
(6,1029)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	2	0.39
(6,977)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	16	0.39
(6,977)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	16	0.39
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	5	0.39
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	5	0.39
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	5	0.39
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	5	0.39
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	5	0.39
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	5	0.39
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	5	0.39
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	5	0.39
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	5	0.39
(6,788)	1:63:A:ILE:HD11	1:117:A:VAL:HB	17	0.39
(6,788)	1:63:A:ILE:HD12	1:117:A:VAL:HB	17	0.39
(6,788)	1:63:A:ILE:HD13	1:117:A:VAL:HB	17	0.39
(6,692)	1:98:A:ILE:H	1:104:A:PHE:H	6	0.39
(6,664)	1:63:A:ILE:HG12	1:117:A:VAL:H	3	0.39
(6,316)	1:56:A:CYS:HA	1:122:A:ASP:H	11	0.39
(6,307)	1:64:A:LYS:HD2	1:65:A:CYS:H	13	0.39
(6,307)	1:64:A:LYS:HD3	1:65:A:CYS:H	13	0.39
(6,203)	1:101:A:ILE:H	1:101:A:ILE:HB	19	0.39
(6,157)	1:127:A:CYS:H	1:128:A:LEU:HB2	16	0.39
(6,120)	1:79:A:THR:HA	1:80:A:TYR:H	18	0.39
(5,2359)	1:116:A:GLN:HB2	1:119:A:LEU:HD11	15	0.39
(5,2359)	1:116:A:GLN:HB2	1:119:A:LEU:HD12	15	0.39
(5,2359)	1:116:A:GLN:HB2	1:119:A:LEU:HD13	15	0.39
(5,2359)	1:116:A:GLN:HB2	1:119:A:LEU:HD21	15	0.39
(5,2359)	1:116:A:GLN:HB2	1:119:A:LEU:HD22	15	0.39
(5,2359)	1:116:A:GLN:HB2	1:119:A:LEU:HD23	15	0.39
(5,2359)	1:116:A:GLN:HB3	1:119:A:LEU:HD11	15	0.39
(5,2359)	1:116:A:GLN:HB3	1:119:A:LEU:HD12	15	0.39
(5,2359)	1:116:A:GLN:HB3	1:119:A:LEU:HD13	15	0.39
(5,2359)	1:116:A:GLN:HB3	1:119:A:LEU:HD21	15	0.39
(5,2359)	1:116:A:GLN:HB3	1:119:A:LEU:HD22	15	0.39
(5,2359)	1:116:A:GLN:HB3	1:119:A:LEU:HD23	15	0.39
(5,2333)	1:107:A:LEU:HD11	1:115:A:ALA:H	5	0.39
(5,2333)	1:107:A:LEU:HD12	1:115:A:ALA:H	5	0.39
(5,2333)	1:107:A:LEU:HD13	1:115:A:ALA:H	5	0.39
(5,2333)	1:107:A:LEU:HD21	1:115:A:ALA:H	5	0.39
(5,2333)	1:107:A:LEU:HD22	1:115:A:ALA:H	5	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2333)	1:107:A:LEU:HD23	1:115:A:ALA:H	5	0.39
(5,2331)	1:107:A:LEU:HD11	1:112:A:GLN:HA	6	0.39
(5,2331)	1:107:A:LEU:HD12	1:112:A:GLN:HA	6	0.39
(5,2331)	1:107:A:LEU:HD13	1:112:A:GLN:HA	6	0.39
(5,2331)	1:107:A:LEU:HD21	1:112:A:GLN:HA	6	0.39
(5,2331)	1:107:A:LEU:HD22	1:112:A:GLN:HA	6	0.39
(5,2331)	1:107:A:LEU:HD23	1:112:A:GLN:HA	6	0.39
(5,2251)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	19	0.39
(5,2251)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	19	0.39
(5,2251)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	19	0.39
(5,2251)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	19	0.39
(5,2127)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	6	0.39
(5,2127)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	6	0.39
(5,2127)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	6	0.39
(5,2127)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	6	0.39
(5,2127)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	6	0.39
(5,2127)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	6	0.39
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD11	6	0.39
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD12	6	0.39
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD13	6	0.39
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD21	6	0.39
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD22	6	0.39
(5,2077)	1:37:A:LEU:HA	1:40:A:LEU:HD23	6	0.39
(5,2039)	1:29:A:LYS:HB2	1:30:A:LEU:HD11	19	0.39
(5,2039)	1:29:A:LYS:HB2	1:30:A:LEU:HD12	19	0.39
(5,2039)	1:29:A:LYS:HB2	1:30:A:LEU:HD13	19	0.39
(5,2039)	1:29:A:LYS:HB2	1:30:A:LEU:HD21	19	0.39
(5,2039)	1:29:A:LYS:HB2	1:30:A:LEU:HD22	19	0.39
(5,2039)	1:29:A:LYS:HB2	1:30:A:LEU:HD23	19	0.39
(5,2039)	1:29:A:LYS:HB3	1:30:A:LEU:HD11	19	0.39
(5,2039)	1:29:A:LYS:HB3	1:30:A:LEU:HD12	19	0.39
(5,2039)	1:29:A:LYS:HB3	1:30:A:LEU:HD13	19	0.39
(5,2039)	1:29:A:LYS:HB3	1:30:A:LEU:HD21	19	0.39
(5,2039)	1:29:A:LYS:HB3	1:30:A:LEU:HD22	19	0.39
(5,2039)	1:29:A:LYS:HB3	1:30:A:LEU:HD23	19	0.39
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	6	0.39
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	6	0.39
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	6	0.39
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	6	0.39
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	6	0.39
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	6	0.39
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	8	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	8	0.39
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	8	0.39
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	8	0.39
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	8	0.39
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	8	0.39
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	8	0.39
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	8	0.39
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	8	0.39
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	8	0.39
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	8	0.39
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	8	0.39
(5,1927)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	15	0.39
(5,1927)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	15	0.39
(5,1927)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	15	0.39
(5,1927)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	15	0.39
(5,1927)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	15	0.39
(5,1927)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	15	0.39
(5,1815)	1:13:A:ALA:HA	1:80:A:TYR:HD1	17	0.39
(5,1815)	1:13:A:ALA:HA	1:80:A:TYR:HD2	17	0.39
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG21	1	0.39
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG22	1	0.39
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG23	1	0.39
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG21	1	0.39
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG22	1	0.39
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG23	1	0.39
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG21	1	0.39
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG22	1	0.39
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG23	1	0.39
(5,1733)	1:67:A:PRO:HD2	1:95:A:ILE:HA	5	0.39
(5,1693)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	16	0.39
(5,1693)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	16	0.39
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB2	15	0.39
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB3	15	0.39
(5,1623)	1:73:A:ILE:HG21	1:111:A:GLU:H	3	0.39
(5,1623)	1:73:A:ILE:HG22	1:111:A:GLU:H	3	0.39
(5,1623)	1:73:A:ILE:HG23	1:111:A:GLU:H	3	0.39
(5,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	8	0.39
(5,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	8	0.39
(5,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	8	0.39
(5,1536)	1:69:A:MET:HE1	1:113:A:PHE:HE1	4	0.39
(5,1536)	1:69:A:MET:HE1	1:113:A:PHE:HE2	4	0.39
(5,1536)	1:69:A:MET:HE2	1:113:A:PHE:HE1	4	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1536)	1:69:A:MET:HE2	1:113:A:PHE:HE2	4	0.39
(5,1536)	1:69:A:MET:HE3	1:113:A:PHE:HE1	4	0.39
(5,1536)	1:69:A:MET:HE3	1:113:A:PHE:HE2	4	0.39
(5,1499)	1:101:A:ILE:HG21	1:103:A:ARG:HA	5	0.39
(5,1499)	1:101:A:ILE:HG22	1:103:A:ARG:HA	5	0.39
(5,1499)	1:101:A:ILE:HG23	1:103:A:ARG:HA	5	0.39
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	11	0.39
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	11	0.39
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	11	0.39
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	11	0.39
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	11	0.39
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	11	0.39
(5,1453)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	1	0.39
(5,1453)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	1	0.39
(5,1453)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	1	0.39
(5,1453)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	1	0.39
(5,1453)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	1	0.39
(5,1453)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	1	0.39
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	19	0.39
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	19	0.39
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	19	0.39
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	19	0.39
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	19	0.39
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	19	0.39
(5,1385)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	12	0.39
(5,1385)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	12	0.39
(5,1385)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	12	0.39
(5,1381)	1:39:A:VAL:HG11	1:144:A:LEU:H	16	0.39
(5,1381)	1:39:A:VAL:HG12	1:144:A:LEU:H	16	0.39
(5,1381)	1:39:A:VAL:HG13	1:144:A:LEU:H	16	0.39
(5,1361)	1:105:A:LYS:HG2	1:106:A:ASP:HA	15	0.39
(5,1286)	1:28:A:GLY:HA2	1:30:A:LEU:HD11	15	0.39
(5,1286)	1:28:A:GLY:HA2	1:30:A:LEU:HD12	15	0.39
(5,1286)	1:28:A:GLY:HA2	1:30:A:LEU:HD13	15	0.39
(5,1286)	1:28:A:GLY:HA3	1:30:A:LEU:HD11	15	0.39
(5,1286)	1:28:A:GLY:HA3	1:30:A:LEU:HD12	15	0.39
(5,1286)	1:28:A:GLY:HA3	1:30:A:LEU:HD13	15	0.39
(5,1246)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	14	0.39
(5,1246)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	14	0.39
(5,1246)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	14	0.39
(5,1163)	1:145:A:PRO:HB2	1:146:A:GLN:HA	3	0.39
(5,1129)	1:105:A:LYS:HA	1:105:A:LYS:HG2	4	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD11	1	0.39
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD12	1	0.39
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD13	1	0.39
(5,993)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	16	0.39
(5,993)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	16	0.39
(5,909)	1:19:A:ALA:HB1	1:20:A:THR:HB	12	0.39
(5,909)	1:19:A:ALA:HB2	1:20:A:THR:HB	12	0.39
(5,909)	1:19:A:ALA:HB3	1:20:A:THR:HB	12	0.39
(5,895)	1:21:A:THR:HB	1:23:A:LEU:H	11	0.39
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD11	11	0.39
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD12	11	0.39
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD13	11	0.39
(5,793)	1:63:A:ILE:HD11	1:117:A:VAL:HB	13	0.39
(5,793)	1:63:A:ILE:HD12	1:117:A:VAL:HB	13	0.39
(5,793)	1:63:A:ILE:HD13	1:117:A:VAL:HB	13	0.39
(5,782)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	5	0.39
(5,782)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	5	0.39
(5,782)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	5	0.39
(5,781)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	11	0.39
(5,781)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	11	0.39
(5,781)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	11	0.39
(5,781)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	11	0.39
(5,781)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	11	0.39
(5,781)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	11	0.39
(5,698)	1:98:A:ILE:H	1:104:A:PHE:H	6	0.39
(5,670)	1:63:A:ILE:HG12	1:117:A:VAL:H	8	0.39
(5,367)	1:41:A:LYS:H	1:44:A:GLU:HG3	12	0.39
(5,320)	1:140:A:LEU:H	1:140:A:LEU:HG	13	0.39
(5,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	3	0.39
(5,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	3	0.39
(5,266)	1:112:A:GLN:H	1:112:A:GLN:HE21	4	0.39
(5,266)	1:112:A:GLN:H	1:112:A:GLN:HE21	9	0.39
(5,200)	1:101:A:ILE:H	1:101:A:ILE:HB	19	0.39
(5,152)	1:127:A:CYS:H	1:128:A:LEU:HB2	16	0.39
(5,116)	1:79:A:THR:HA	1:80:A:TYR:H	18	0.39
(4,2462)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	17	0.39
(4,2462)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	17	0.39
(4,2462)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	17	0.39
(4,2462)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	17	0.39
(4,2462)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	17	0.39
(4,2462)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	17	0.39
(4,2391)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	15	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2391)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	15	0.39
(4,2391)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	15	0.39
(4,2391)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	15	0.39
(4,2391)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	15	0.39
(4,2391)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	15	0.39
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG11	16	0.39
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG12	16	0.39
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG13	16	0.39
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG21	16	0.39
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG22	16	0.39
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG23	16	0.39
(4,2244)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	19	0.39
(4,2244)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	19	0.39
(4,2244)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	19	0.39
(4,2244)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	19	0.39
(4,2236)	1:69:A:MET:HG2	1:73:A:ILE:H	11	0.39
(4,2236)	1:69:A:MET:HG3	1:73:A:ILE:H	11	0.39
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD11	16	0.39
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD12	16	0.39
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD13	16	0.39
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD21	16	0.39
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD22	16	0.39
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD23	16	0.39
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG11	10	0.39
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG12	10	0.39
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG13	10	0.39
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG21	10	0.39
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG22	10	0.39
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG23	10	0.39
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG11	10	0.39
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG12	10	0.39
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG13	10	0.39
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG21	10	0.39
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG22	10	0.39
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG23	10	0.39
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG11	10	0.39
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG12	10	0.39
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG13	10	0.39
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG21	10	0.39
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG22	10	0.39
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG23	10	0.39
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD11	4	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD12	4	0.39
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD13	4	0.39
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD21	4	0.39
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD22	4	0.39
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD23	4	0.39
(4,2036)	1:23:A:LEU:HD11	1:25:A:ALA:H	1	0.39
(4,2036)	1:23:A:LEU:HD12	1:25:A:ALA:H	1	0.39
(4,2036)	1:23:A:LEU:HD13	1:25:A:ALA:H	1	0.39
(4,2036)	1:23:A:LEU:HD21	1:25:A:ALA:H	1	0.39
(4,2036)	1:23:A:LEU:HD22	1:25:A:ALA:H	1	0.39
(4,2036)	1:23:A:LEU:HD23	1:25:A:ALA:H	1	0.39
(4,1901)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	11	0.39
(4,1901)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	11	0.39
(4,1866)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	17	0.39
(4,1866)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	17	0.39
(4,1866)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	17	0.39
(4,1843)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	10	0.39
(4,1843)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	10	0.39
(4,1820)	1:61:A:SER:HA	1:62:A:HIS:HD2	19	0.39
(4,1760)	1:144:A:LEU:HA	1:144:A:LEU:HD11	17	0.39
(4,1760)	1:144:A:LEU:HA	1:144:A:LEU:HD12	17	0.39
(4,1760)	1:144:A:LEU:HA	1:144:A:LEU:HD13	17	0.39
(4,1749)	1:63:A:ILE:HG21	1:116:A:GLN:HG2	11	0.39
(4,1749)	1:63:A:ILE:HG22	1:116:A:GLN:HG2	11	0.39
(4,1749)	1:63:A:ILE:HG23	1:116:A:GLN:HG2	11	0.39
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG21	8	0.39
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG22	8	0.39
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG23	8	0.39
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG21	8	0.39
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG22	8	0.39
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG23	8	0.39
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG21	8	0.39
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG22	8	0.39
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG23	8	0.39
(4,1650)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	16	0.39
(4,1650)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	16	0.39
(4,1643)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	5	0.39
(4,1643)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	5	0.39
(4,1643)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	5	0.39
(4,1643)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	5	0.39
(4,1542)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	0.39
(4,1542)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1542)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	0.39
(4,1542)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	0.39
(4,1542)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	0.39
(4,1542)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	0.39
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE1	10	0.39
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE2	10	0.39
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE3	10	0.39
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE1	10	0.39
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE2	10	0.39
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE3	10	0.39
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE1	10	0.39
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE2	10	0.39
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE3	10	0.39
(4,1494)	1:11:A:ILE:HG21	1:43:A:MET:HE1	4	0.39
(4,1494)	1:11:A:ILE:HG21	1:43:A:MET:HE2	4	0.39
(4,1494)	1:11:A:ILE:HG21	1:43:A:MET:HE3	4	0.39
(4,1494)	1:11:A:ILE:HG22	1:43:A:MET:HE1	4	0.39
(4,1494)	1:11:A:ILE:HG22	1:43:A:MET:HE2	4	0.39
(4,1494)	1:11:A:ILE:HG22	1:43:A:MET:HE3	4	0.39
(4,1494)	1:11:A:ILE:HG23	1:43:A:MET:HE1	4	0.39
(4,1494)	1:11:A:ILE:HG23	1:43:A:MET:HE2	4	0.39
(4,1494)	1:11:A:ILE:HG23	1:43:A:MET:HE3	4	0.39
(4,1455)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	3	0.39
(4,1455)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	3	0.39
(4,1455)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	3	0.39
(4,1455)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	3	0.39
(4,1455)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	3	0.39
(4,1455)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	3	0.39
(4,1440)	1:13:A:ALA:HB1	1:79:A:THR:HA	14	0.39
(4,1440)	1:13:A:ALA:HB2	1:79:A:THR:HA	14	0.39
(4,1440)	1:13:A:ALA:HB3	1:79:A:THR:HA	14	0.39
(4,1436)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	2	0.39
(4,1436)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	2	0.39
(4,1436)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	2	0.39
(4,1417)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	1	0.39
(4,1417)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	1	0.39
(4,1417)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	1	0.39
(4,1417)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	1	0.39
(4,1417)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	1	0.39
(4,1417)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	1	0.39
(4,1414)	1:50:A:ALA:HB1	1:127:A:CYS:HA	5	0.39
(4,1414)	1:50:A:ALA:HB2	1:127:A:CYS:HA	5	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1414)	1:50:A:ALA:HB3	1:127:A:CYS:HA	5	0.39
(4,1377)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	2	0.39
(4,1377)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	2	0.39
(4,1377)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	2	0.39
(4,1377)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	2	0.39
(4,1377)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	2	0.39
(4,1377)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	2	0.39
(4,1353)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	12	0.39
(4,1353)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	12	0.39
(4,1353)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	12	0.39
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG11	5	0.39
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG12	5	0.39
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG13	5	0.39
(4,1334)	1:141:A:LYS:HB2	1:149:A:ALA:HA	11	0.39
(4,1334)	1:141:A:LYS:HB3	1:149:A:ALA:HA	11	0.39
(4,1330)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	1	0.39
(4,1330)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	1	0.39
(4,1330)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	1	0.39
(4,1093)	1:41:A:LYS:HA	1:44:A:GLU:HB2	16	0.39
(4,1093)	1:41:A:LYS:HA	1:44:A:GLU:HB3	16	0.39
(4,1052)	1:11:A:ILE:HB	1:44:A:GLU:HA	10	0.39
(4,1047)	1:140:A:LEU:H	1:140:A:LEU:HG	18	0.39
(4,921)	1:34:A:LYS:H	1:81:A:GLU:HG2	16	0.39
(4,921)	1:34:A:LYS:H	1:81:A:GLU:HG3	16	0.39
(4,877)	1:133:A:ASN:HB3	1:134:A:VAL:HA	19	0.39
(4,874)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	2	0.39
(4,874)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	2	0.39
(4,874)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	2	0.39
(4,833)	1:48:A:ARG:HD2	1:49:A:LYS:HA	8	0.39
(4,833)	1:48:A:ARG:HD3	1:49:A:LYS:HA	8	0.39
(4,808)	1:98:A:ILE:HD11	1:104:A:PHE:HD1	10	0.39
(4,808)	1:98:A:ILE:HD11	1:104:A:PHE:HD2	10	0.39
(4,808)	1:98:A:ILE:HD12	1:104:A:PHE:HD1	10	0.39
(4,808)	1:98:A:ILE:HD12	1:104:A:PHE:HD2	10	0.39
(4,808)	1:98:A:ILE:HD13	1:104:A:PHE:HD1	10	0.39
(4,808)	1:98:A:ILE:HD13	1:104:A:PHE:HD2	10	0.39
(4,791)	1:11:A:ILE:HD11	1:47:A:ALA:HB1	6	0.39
(4,791)	1:11:A:ILE:HD11	1:47:A:ALA:HB2	6	0.39
(4,791)	1:11:A:ILE:HD11	1:47:A:ALA:HB3	6	0.39
(4,791)	1:11:A:ILE:HD12	1:47:A:ALA:HB1	6	0.39
(4,791)	1:11:A:ILE:HD12	1:47:A:ALA:HB2	6	0.39
(4,791)	1:11:A:ILE:HD12	1:47:A:ALA:HB3	6	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,791)	1:11:A:ILE:HD13	1:47:A:ALA:HB1	6	0.39
(4,791)	1:11:A:ILE:HD13	1:47:A:ALA:HB2	6	0.39
(4,791)	1:11:A:ILE:HD13	1:47:A:ALA:HB3	6	0.39
(4,697)	1:23:A:LEU:HB2	1:27:A:ARG:HE	3	0.39
(4,697)	1:23:A:LEU:HB3	1:27:A:ARG:HE	3	0.39
(4,690)	1:98:A:ILE:H	1:104:A:PHE:H	6	0.39
(4,565)	1:11:A:ILE:HD11	1:16:A:SER:H	8	0.39
(4,565)	1:11:A:ILE:HD12	1:16:A:SER:H	8	0.39
(4,565)	1:11:A:ILE:HD13	1:16:A:SER:H	8	0.39
(4,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	8	0.39
(4,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	8	0.39
(4,228)	1:10:A:ASN:H	1:13:A:ALA:HB1	5	0.39
(4,228)	1:10:A:ASN:H	1:13:A:ALA:HB2	5	0.39
(4,228)	1:10:A:ASN:H	1:13:A:ALA:HB3	5	0.39
(4,202)	1:101:A:ILE:H	1:101:A:ILE:HB	19	0.39
(4,78)	1:29:A:LYS:HA	1:30:A:LEU:H	1	0.39
(4,78)	1:29:A:LYS:HA	1:30:A:LEU:H	6	0.39
(4,78)	1:29:A:LYS:HA	1:30:A:LEU:H	16	0.39
(4,69)	1:13:A:ALA:HB1	1:81:A:GLU:H	6	0.39
(4,69)	1:13:A:ALA:HB2	1:81:A:GLU:H	6	0.39
(4,69)	1:13:A:ALA:HB3	1:81:A:GLU:H	6	0.39
(4,11)	1:64:A:LYS:H	1:116:A:GLN:HG2	10	0.39
(4,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	3	0.39
(4,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	3	0.39
(3,2301)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	10	0.39
(3,2301)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	10	0.39
(3,2301)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	10	0.39
(3,2301)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	10	0.39
(3,2155)	1:42:A:GLU:H	1:139:A:LEU:HD11	4	0.39
(3,2155)	1:42:A:GLU:H	1:139:A:LEU:HD12	4	0.39
(3,2155)	1:42:A:GLU:H	1:139:A:LEU:HD13	4	0.39
(3,2155)	1:42:A:GLU:H	1:139:A:LEU:HD21	4	0.39
(3,2155)	1:42:A:GLU:H	1:139:A:LEU:HD22	4	0.39
(3,2155)	1:42:A:GLU:H	1:139:A:LEU:HD23	4	0.39
(3,1932)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	15	0.39
(3,1932)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	15	0.39
(3,1932)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	15	0.39
(3,1932)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	15	0.39
(3,1932)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	15	0.39
(3,1932)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	15	0.39
(3,1926)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	16	0.39
(3,1926)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	16	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1926)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	16	0.39
(3,1926)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	16	0.39
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE1	12	0.39
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE2	12	0.39
(3,1891)	1:18:A:PHE:HA	1:113:A:PHE:HE1	7	0.39
(3,1891)	1:18:A:PHE:HA	1:113:A:PHE:HE2	7	0.39
(3,1870)	1:61:A:SER:HA	1:62:A:HIS:HD2	19	0.39
(3,1854)	1:9:A:PHE:HZ	1:57:A:LEU:HA	9	0.39
(3,1820)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	18	0.39
(3,1820)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	18	0.39
(3,1820)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	18	0.39
(3,1820)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	18	0.39
(3,1809)	1:144:A:LEU:HA	1:144:A:LEU:HD11	1	0.39
(3,1809)	1:144:A:LEU:HA	1:144:A:LEU:HD12	1	0.39
(3,1809)	1:144:A:LEU:HA	1:144:A:LEU:HD13	1	0.39
(3,1753)	1:19:A:ALA:HB1	1:20:A:THR:HG21	12	0.39
(3,1753)	1:19:A:ALA:HB1	1:20:A:THR:HG22	12	0.39
(3,1753)	1:19:A:ALA:HB1	1:20:A:THR:HG23	12	0.39
(3,1753)	1:19:A:ALA:HB2	1:20:A:THR:HG21	12	0.39
(3,1753)	1:19:A:ALA:HB2	1:20:A:THR:HG22	12	0.39
(3,1753)	1:19:A:ALA:HB2	1:20:A:THR:HG23	12	0.39
(3,1753)	1:19:A:ALA:HB3	1:20:A:THR:HG21	12	0.39
(3,1753)	1:19:A:ALA:HB3	1:20:A:THR:HG22	12	0.39
(3,1753)	1:19:A:ALA:HB3	1:20:A:THR:HG23	12	0.39
(3,1742)	1:67:A:PRO:HD2	1:95:A:ILE:HA	5	0.39
(3,1591)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	0.39
(3,1591)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	0.39
(3,1591)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	0.39
(3,1591)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	0.39
(3,1591)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	0.39
(3,1591)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	0.39
(3,1549)	1:69:A:MET:HE1	1:110:A:MET:HA	19	0.39
(3,1549)	1:69:A:MET:HE2	1:110:A:MET:HA	19	0.39
(3,1549)	1:69:A:MET:HE3	1:110:A:MET:HA	19	0.39
(3,1537)	1:11:A:ILE:HG21	1:43:A:MET:HE1	4	0.39
(3,1537)	1:11:A:ILE:HG21	1:43:A:MET:HE2	4	0.39
(3,1537)	1:11:A:ILE:HG21	1:43:A:MET:HE3	4	0.39
(3,1537)	1:11:A:ILE:HG22	1:43:A:MET:HE1	4	0.39
(3,1537)	1:11:A:ILE:HG22	1:43:A:MET:HE2	4	0.39
(3,1537)	1:11:A:ILE:HG22	1:43:A:MET:HE3	4	0.39
(3,1537)	1:11:A:ILE:HG23	1:43:A:MET:HE1	4	0.39
(3,1537)	1:11:A:ILE:HG23	1:43:A:MET:HE2	4	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1537)	1:11:A:ILE:HG23	1:43:A:MET:HE3	4	0.39
(3,1506)	1:101:A:ILE:HG21	1:115:A:ALA:HA	19	0.39
(3,1506)	1:101:A:ILE:HG22	1:115:A:ALA:HA	19	0.39
(3,1506)	1:101:A:ILE:HG23	1:115:A:ALA:HA	19	0.39
(3,1498)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	3	0.39
(3,1498)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	3	0.39
(3,1498)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	3	0.39
(3,1498)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	3	0.39
(3,1498)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	3	0.39
(3,1498)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	3	0.39
(3,1456)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	1	0.39
(3,1456)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	1	0.39
(3,1456)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	1	0.39
(3,1456)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	1	0.39
(3,1456)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	1	0.39
(3,1456)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	1	0.39
(3,1453)	1:50:A:ALA:HB1	1:127:A:CYS:HA	5	0.39
(3,1453)	1:50:A:ALA:HB2	1:127:A:CYS:HA	5	0.39
(3,1453)	1:50:A:ALA:HB3	1:127:A:CYS:HA	5	0.39
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG21	13	0.39
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG22	13	0.39
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG23	13	0.39
(3,1391)	1:39:A:VAL:HG11	1:144:A:LEU:H	16	0.39
(3,1391)	1:39:A:VAL:HG12	1:144:A:LEU:H	16	0.39
(3,1391)	1:39:A:VAL:HG13	1:144:A:LEU:H	16	0.39
(3,1368)	1:17:A:ASN:HA	1:76:A:ARG:HA	6	0.39
(3,1327)	1:11:A:ILE:HA	1:14:A:VAL:HG11	15	0.39
(3,1327)	1:11:A:ILE:HA	1:14:A:VAL:HG12	15	0.39
(3,1327)	1:11:A:ILE:HA	1:14:A:VAL:HG13	15	0.39
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD21	5	0.39
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD22	5	0.39
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD23	5	0.39
(3,1254)	1:140:A:LEU:HA	1:144:A:LEU:HD21	16	0.39
(3,1254)	1:140:A:LEU:HA	1:144:A:LEU:HD22	16	0.39
(3,1254)	1:140:A:LEU:HA	1:144:A:LEU:HD23	16	0.39
(3,1106)	1:136:A:CYS:HB2	1:141:A:LYS:HA	3	0.39
(3,1004)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	19	0.39
(3,1004)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	19	0.39
(3,912)	1:94:A:ALA:HA	1:95:A:ILE:HB	6	0.39
(3,893)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	2	0.39
(3,893)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	2	0.39
(3,893)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	2	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,836)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	7	0.39
(3,836)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	7	0.39
(3,836)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	7	0.39
(3,836)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	7	0.39
(3,836)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	7	0.39
(3,836)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	7	0.39
(3,836)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	7	0.39
(3,836)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	7	0.39
(3,836)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	7	0.39
(3,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	2	0.39
(3,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	2	0.39
(3,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	2	0.39
(3,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	2	0.39
(3,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	2	0.39
(3,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	2	0.39
(3,834)	1:98:A:ILE:HD11	1:119:A:LEU:HG	18	0.39
(3,834)	1:98:A:ILE:HD12	1:119:A:LEU:HG	18	0.39
(3,834)	1:98:A:ILE:HD13	1:119:A:LEU:HG	18	0.39
(3,821)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	7	0.39
(3,821)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	7	0.39
(3,821)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	7	0.39
(3,729)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	3	0.39
(3,729)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	3	0.39
(3,729)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	3	0.39
(3,704)	1:98:A:ILE:H	1:104:A:PHE:H	6	0.39
(3,678)	1:116:A:GLN:HG3	1:117:A:VAL:H	1	0.39
(3,215)	1:110:A:MET:HG2	1:114:A:ILE:H	10	0.39
(3,215)	1:110:A:MET:HG3	1:114:A:ILE:H	10	0.39
(3,204)	1:101:A:ILE:H	1:101:A:ILE:HB	19	0.39
(3,188)	1:58:A:ILE:HG21	1:60:A:LEU:H	14	0.39
(3,188)	1:58:A:ILE:HG22	1:60:A:LEU:H	14	0.39
(3,188)	1:58:A:ILE:HG23	1:60:A:LEU:H	14	0.39
(3,5)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	3	0.39
(3,5)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	3	0.39
(3,1)	1:39:A:VAL:HG21	1:143:A:TRP:HE1	4	0.39
(3,1)	1:39:A:VAL:HG22	1:143:A:TRP:HE1	4	0.39
(3,1)	1:39:A:VAL:HG23	1:143:A:TRP:HE1	4	0.39
(2,2357)	1:107:A:LEU:HD11	1:115:A:ALA:H	5	0.39
(2,2357)	1:107:A:LEU:HD12	1:115:A:ALA:H	5	0.39
(2,2357)	1:107:A:LEU:HD13	1:115:A:ALA:H	5	0.39
(2,2357)	1:107:A:LEU:HD21	1:115:A:ALA:H	5	0.39
(2,2357)	1:107:A:LEU:HD22	1:115:A:ALA:H	5	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2357)	1:107:A:LEU:HD23	1:115:A:ALA:H	5	0.39
(2,2293)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	10	0.39
(2,2293)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	10	0.39
(2,2293)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	10	0.39
(2,2293)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	10	0.39
(2,2276)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	19	0.39
(2,2276)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	19	0.39
(2,2276)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	19	0.39
(2,2276)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	19	0.39
(2,2275)	1:70:A:LYS:HG2	1:71:A:LYS:H	11	0.39
(2,2275)	1:70:A:LYS:HG3	1:71:A:LYS:H	11	0.39
(2,2228)	1:60:A:LEU:HD11	1:61:A:SER:HB2	13	0.39
(2,2228)	1:60:A:LEU:HD11	1:61:A:SER:HB3	13	0.39
(2,2228)	1:60:A:LEU:HD12	1:61:A:SER:HB2	13	0.39
(2,2228)	1:60:A:LEU:HD12	1:61:A:SER:HB3	13	0.39
(2,2228)	1:60:A:LEU:HD13	1:61:A:SER:HB2	13	0.39
(2,2228)	1:60:A:LEU:HD13	1:61:A:SER:HB3	13	0.39
(2,2056)	1:23:A:LEU:HD11	1:25:A:ALA:H	1	0.39
(2,2056)	1:23:A:LEU:HD12	1:25:A:ALA:H	1	0.39
(2,2056)	1:23:A:LEU:HD13	1:25:A:ALA:H	1	0.39
(2,2056)	1:23:A:LEU:HD21	1:25:A:ALA:H	1	0.39
(2,2056)	1:23:A:LEU:HD22	1:25:A:ALA:H	1	0.39
(2,2056)	1:23:A:LEU:HD23	1:25:A:ALA:H	1	0.39
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	18	0.39
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	18	0.39
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	18	0.39
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	18	0.39
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	18	0.39
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	18	0.39
(2,1956)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	11	0.39
(2,1956)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	11	0.39
(2,1924)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	16	0.39
(2,1924)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	16	0.39
(2,1924)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	16	0.39
(2,1924)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	16	0.39
(2,1867)	1:61:A:SER:HA	1:62:A:HIS:HD2	19	0.39
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	3	0.39
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	3	0.39
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	3	0.39
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	3	0.39
(2,1805)	1:13:A:ALA:H	1:80:A:TYR:HD1	3	0.39
(2,1805)	1:13:A:ALA:H	1:80:A:TYR:HD2	3	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1799)	1:144:A:LEU:HA	1:144:A:LEU:HD11	17	0.39
(2,1799)	1:144:A:LEU:HA	1:144:A:LEU:HD12	17	0.39
(2,1799)	1:144:A:LEU:HA	1:144:A:LEU:HD13	17	0.39
(2,1683)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	5	0.39
(2,1683)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	5	0.39
(2,1683)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	5	0.39
(2,1683)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	5	0.39
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB2	15	0.39
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB3	15	0.39
(2,1571)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	0.39
(2,1571)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	0.39
(2,1571)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	0.39
(2,1571)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	0.39
(2,1571)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	0.39
(2,1571)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	0.39
(2,1486)	1:101:A:ILE:HG21	1:115:A:ALA:HA	19	0.39
(2,1486)	1:101:A:ILE:HG22	1:115:A:ALA:HA	19	0.39
(2,1486)	1:101:A:ILE:HG23	1:115:A:ALA:HA	19	0.39
(2,1434)	1:121:A:VAL:HG21	1:122:A:ASP:H	2	0.39
(2,1434)	1:121:A:VAL:HG22	1:122:A:ASP:H	2	0.39
(2,1434)	1:121:A:VAL:HG23	1:122:A:ASP:H	2	0.39
(2,1376)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	12	0.39
(2,1376)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	12	0.39
(2,1376)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	12	0.39
(2,1348)	1:125:A:THR:HG21	1:129:A:LYS:HB2	13	0.39
(2,1348)	1:125:A:THR:HG21	1:129:A:LYS:HB3	13	0.39
(2,1348)	1:125:A:THR:HG22	1:129:A:LYS:HB2	13	0.39
(2,1348)	1:125:A:THR:HG22	1:129:A:LYS:HB3	13	0.39
(2,1348)	1:125:A:THR:HG23	1:129:A:LYS:HB2	13	0.39
(2,1348)	1:125:A:THR:HG23	1:129:A:LYS:HB3	13	0.39
(2,1345)	1:17:A:ASN:HA	1:76:A:ARG:HA	6	0.39
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	10	0.39
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	10	0.39
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	10	0.39
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD21	19	0.39
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD22	19	0.39
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD23	19	0.39
(2,1067)	1:11:A:ILE:HB	1:44:A:GLU:HA	10	0.39
(2,1051)	1:43:A:MET:HB2	1:140:A:LEU:HG	10	0.39
(2,1038)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	2	0.39
(2,1038)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	2	0.39
(2,1038)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	2	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1038)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	2	0.39
(2,1038)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	2	0.39
(2,1038)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	2	0.39
(2,985)	1:63:A:ILE:HA	1:64:A:LYS:HD2	1	0.39
(2,985)	1:63:A:ILE:HA	1:64:A:LYS:HD3	1	0.39
(2,813)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	19	0.39
(2,813)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	19	0.39
(2,813)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	19	0.39
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG11	13	0.39
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG12	13	0.39
(2,749)	1:38:A:GLU:H	1:39:A:VAL:HG13	13	0.39
(2,695)	1:98:A:ILE:H	1:104:A:PHE:H	6	0.39
(2,622)	1:40:A:LEU:H	1:43:A:MET:HG3	6	0.39
(2,308)	1:64:A:LYS:HD2	1:65:A:CYS:H	13	0.39
(2,308)	1:64:A:LYS:HD3	1:65:A:CYS:H	13	0.39
(2,245)	1:58:A:ILE:H	1:58:A:ILE:HG13	12	0.39
(2,214)	1:110:A:MET:HG2	1:114:A:ILE:H	10	0.39
(2,214)	1:110:A:MET:HG3	1:114:A:ILE:H	10	0.39
(2,203)	1:101:A:ILE:H	1:101:A:ILE:HB	19	0.39
(2,119)	1:79:A:THR:HA	1:80:A:TYR:H	18	0.39
(2,67)	1:13:A:ALA:HB1	1:81:A:GLU:H	18	0.39
(2,67)	1:13:A:ALA:HB2	1:81:A:GLU:H	18	0.39
(2,67)	1:13:A:ALA:HB3	1:81:A:GLU:H	18	0.39
(2,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	3	0.39
(2,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	3	0.39
(1,2402)	1:134:A:VAL:HG11	1:137:A:SER:H	10	0.39
(1,2402)	1:134:A:VAL:HG12	1:137:A:SER:H	10	0.39
(1,2402)	1:134:A:VAL:HG13	1:137:A:SER:H	10	0.39
(1,2402)	1:134:A:VAL:HG21	1:137:A:SER:H	10	0.39
(1,2402)	1:134:A:VAL:HG22	1:137:A:SER:H	10	0.39
(1,2402)	1:134:A:VAL:HG23	1:137:A:SER:H	10	0.39
(1,2402)	1:134:A:VAL:HG11	1:137:A:SER:H	17	0.39
(1,2402)	1:134:A:VAL:HG12	1:137:A:SER:H	17	0.39
(1,2402)	1:134:A:VAL:HG13	1:137:A:SER:H	17	0.39
(1,2402)	1:134:A:VAL:HG21	1:137:A:SER:H	17	0.39
(1,2402)	1:134:A:VAL:HG22	1:137:A:SER:H	17	0.39
(1,2402)	1:134:A:VAL:HG23	1:137:A:SER:H	17	0.39
(1,2318)	1:110:A:MET:HG2	1:114:A:ILE:HG12	17	0.39
(1,2318)	1:110:A:MET:HG2	1:114:A:ILE:HG13	17	0.39
(1,2318)	1:110:A:MET:HG3	1:114:A:ILE:HG12	17	0.39
(1,2318)	1:110:A:MET:HG3	1:114:A:ILE:HG13	17	0.39
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD11	11	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD12	11	0.39
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD13	11	0.39
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD21	11	0.39
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD22	11	0.39
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD23	11	0.39
(1,2026)	1:23:A:LEU:HD11	1:25:A:ALA:H	10	0.39
(1,2026)	1:23:A:LEU:HD12	1:25:A:ALA:H	10	0.39
(1,2026)	1:23:A:LEU:HD13	1:25:A:ALA:H	10	0.39
(1,2026)	1:23:A:LEU:HD21	1:25:A:ALA:H	10	0.39
(1,2026)	1:23:A:LEU:HD22	1:25:A:ALA:H	10	0.39
(1,2026)	1:23:A:LEU:HD23	1:25:A:ALA:H	10	0.39
(1,2006)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	5	0.39
(1,2006)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	5	0.39
(1,2006)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	5	0.39
(1,2006)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	5	0.39
(1,2006)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	5	0.39
(1,2006)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	5	0.39
(1,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	15	0.39
(1,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	15	0.39
(1,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	15	0.39
(1,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	15	0.39
(1,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	15	0.39
(1,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	15	0.39
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	11	0.39
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	11	0.39
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	11	0.39
(1,1890)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	0.39
(1,1890)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	0.39
(1,1890)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	0.39
(1,1890)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	0.39
(1,1890)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	0.39
(1,1890)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	0.39
(1,1877)	1:18:A:PHE:HA	1:113:A:PHE:HE1	7	0.39
(1,1877)	1:18:A:PHE:HA	1:113:A:PHE:HE2	7	0.39
(1,1856)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	11	0.39
(1,1856)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	11	0.39
(1,1856)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	11	0.39
(1,1836)	1:9:A:PHE:HZ	1:57:A:LEU:HA	4	0.39
(1,1836)	1:9:A:PHE:HZ	1:57:A:LEU:HA	18	0.39
(1,1800)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	8	0.39
(1,1800)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	8	0.39
(1,1800)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	8	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1800)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	8	0.39
(1,1800)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	8	0.39
(1,1800)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	8	0.39
(1,1800)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	8	0.39
(1,1800)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	8	0.39
(1,1800)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	8	0.39
(1,1800)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	8	0.39
(1,1800)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	8	0.39
(1,1800)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	8	0.39
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE1	10	0.39
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE2	10	0.39
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE3	10	0.39
(1,1669)	1:69:A:MET:HE1	1:116:A:GLN:HG3	10	0.39
(1,1669)	1:69:A:MET:HE2	1:116:A:GLN:HG3	10	0.39
(1,1669)	1:69:A:MET:HE3	1:116:A:GLN:HG3	10	0.39
(1,1657)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	7	0.39
(1,1657)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	7	0.39
(1,1657)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	7	0.39
(1,1657)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	7	0.39
(1,1657)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	7	0.39
(1,1657)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	7	0.39
(1,1640)	1:79:A:THR:H	1:80:A:TYR:HA	1	0.39
(1,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	8	0.39
(1,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	8	0.39
(1,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	8	0.39
(1,1538)	1:69:A:MET:HE1	1:110:A:MET:HA	19	0.39
(1,1538)	1:69:A:MET:HE2	1:110:A:MET:HA	19	0.39
(1,1538)	1:69:A:MET:HE3	1:110:A:MET:HA	19	0.39
(1,1480)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	3	0.39
(1,1480)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	3	0.39
(1,1480)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	3	0.39
(1,1480)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	3	0.39
(1,1480)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	3	0.39
(1,1480)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	3	0.39
(1,1441)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	1	0.39
(1,1441)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	1	0.39
(1,1441)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	1	0.39
(1,1441)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	1	0.39
(1,1441)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	1	0.39
(1,1441)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	1	0.39
(1,1353)	1:141:A:LYS:HB2	1:149:A:ALA:HA	11	0.39
(1,1353)	1:141:A:LYS:HB3	1:149:A:ALA:HA	11	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1098)	1:136:A:CYS:HB2	1:141:A:LYS:HA	3	0.39
(1,1083)	1:11:A:ILE:HB	1:44:A:GLU:HA	10	0.39
(1,1068)	1:43:A:MET:HB2	1:140:A:LEU:HG	10	0.39
(1,1028)	1:66:A:THR:HG21	1:96:A:VAL:HA	11	0.39
(1,1028)	1:66:A:THR:HG22	1:96:A:VAL:HA	11	0.39
(1,1028)	1:66:A:THR:HG23	1:96:A:VAL:HA	11	0.39
(1,1011)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	19	0.39
(1,1011)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	19	0.39
(1,949)	1:81:A:GLU:HA	1:81:A:GLU:HG2	17	0.39
(1,949)	1:81:A:GLU:HA	1:81:A:GLU:HG3	17	0.39
(1,949)	1:81:A:GLU:HA	1:81:A:GLU:HG2	18	0.39
(1,949)	1:81:A:GLU:HA	1:81:A:GLU:HG3	18	0.39
(1,857)	1:48:A:ARG:HD2	1:49:A:LYS:H	10	0.39
(1,857)	1:48:A:ARG:HD3	1:49:A:LYS:H	10	0.39
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	5	0.39
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	5	0.39
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	5	0.39
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	5	0.39
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	5	0.39
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	5	0.39
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	5	0.39
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	5	0.39
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	5	0.39
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	9	0.39
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	9	0.39
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	9	0.39
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	9	0.39
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	9	0.39
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	9	0.39
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	9	0.39
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	9	0.39
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	9	0.39
(1,837)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	7	0.39
(1,837)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	7	0.39
(1,837)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	7	0.39
(1,837)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	7	0.39
(1,837)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	7	0.39
(1,837)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	7	0.39
(1,837)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	7	0.39
(1,837)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	7	0.39
(1,837)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	7	0.39
(1,821)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	7	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,821)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	7	0.39
(1,821)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	7	0.39
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG11	13	0.39
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG12	13	0.39
(1,767)	1:38:A:GLU:H	1:39:A:VAL:HG13	13	0.39
(1,679)	1:116:A:GLN:HG3	1:117:A:VAL:H	1	0.39
(1,472)	1:12:A:VAL:HG11	1:14:A:VAL:H	2	0.39
(1,472)	1:12:A:VAL:HG12	1:14:A:VAL:H	2	0.39
(1,472)	1:12:A:VAL:HG13	1:14:A:VAL:H	2	0.39
(1,314)	1:64:A:LYS:HD2	1:65:A:CYS:H	13	0.39
(1,314)	1:64:A:LYS:HD3	1:65:A:CYS:H	13	0.39
(1,253)	1:58:A:ILE:H	1:58:A:ILE:HG13	12	0.39
(1,226)	1:110:A:MET:HG2	1:114:A:ILE:H	10	0.39
(1,226)	1:110:A:MET:HG3	1:114:A:ILE:H	10	0.39
(1,5)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	3	0.39
(1,5)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	3	0.39
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG11	8	0.38
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG12	8	0.38
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG13	8	0.38
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG21	8	0.38
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG22	8	0.38
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG23	8	0.38
(34,2337)	1:107:A:LEU:HD11	1:112:A:GLN:H	5	0.38
(34,2337)	1:107:A:LEU:HD12	1:112:A:GLN:H	5	0.38
(34,2337)	1:107:A:LEU:HD13	1:112:A:GLN:H	5	0.38
(34,2337)	1:107:A:LEU:HD21	1:112:A:GLN:H	5	0.38
(34,2337)	1:107:A:LEU:HD22	1:112:A:GLN:H	5	0.38
(34,2337)	1:107:A:LEU:HD23	1:112:A:GLN:H	5	0.38
(34,2239)	1:69:A:MET:HG2	1:72:A:PHE:HB2	10	0.38
(34,2239)	1:69:A:MET:HG3	1:72:A:PHE:HB2	10	0.38
(34,2239)	1:69:A:MET:HG2	1:72:A:PHE:HB2	19	0.38
(34,2239)	1:69:A:MET:HG3	1:72:A:PHE:HB2	19	0.38
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	15	0.38
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	15	0.38
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	15	0.38
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	15	0.38
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	15	0.38
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	15	0.38
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	15	0.38
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	15	0.38
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	15	0.38
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	15	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	15	0.38
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	15	0.38
(34,2118)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	17	0.38
(34,2118)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	17	0.38
(34,2118)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	17	0.38
(34,2118)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	17	0.38
(34,2118)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	17	0.38
(34,2118)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	17	0.38
(34,2118)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	17	0.38
(34,2118)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	17	0.38
(34,2118)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	17	0.38
(34,2118)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	17	0.38
(34,2118)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	17	0.38
(34,2118)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	17	0.38
(34,1978)	1:12:A:VAL:HG11	1:79:A:THR:HB	2	0.38
(34,1978)	1:12:A:VAL:HG12	1:79:A:THR:HB	2	0.38
(34,1978)	1:12:A:VAL:HG13	1:79:A:THR:HB	2	0.38
(34,1978)	1:12:A:VAL:HG21	1:79:A:THR:HB	2	0.38
(34,1978)	1:12:A:VAL:HG22	1:79:A:THR:HB	2	0.38
(34,1978)	1:12:A:VAL:HG23	1:79:A:THR:HB	2	0.38
(34,1897)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	3	0.38
(34,1774)	1:57:A:LEU:HG	1:60:A:LEU:HG	6	0.38
(34,1721)	1:67:A:PRO:HD2	1:95:A:ILE:HA	5	0.38
(34,1658)	1:97:A:ASP:HB2	1:102:A:PRO:HA	4	0.38
(34,1658)	1:97:A:ASP:HB3	1:102:A:PRO:HA	4	0.38
(34,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	10	0.38
(34,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	10	0.38
(34,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	10	0.38
(34,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	10	0.38
(34,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	10	0.38
(34,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	10	0.38
(34,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	5	0.38
(34,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	5	0.38
(34,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	5	0.38
(34,1603)	1:98:A:ILE:HG21	1:116:A:GLN:H	16	0.38
(34,1603)	1:98:A:ILE:HG22	1:116:A:GLN:H	16	0.38
(34,1603)	1:98:A:ILE:HG23	1:116:A:GLN:H	16	0.38
(34,1597)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	6	0.38
(34,1597)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	6	0.38
(34,1597)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	6	0.38
(34,1516)	1:43:A:MET:H	1:43:A:MET:HE1	16	0.38
(34,1516)	1:43:A:MET:H	1:43:A:MET:HE2	16	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1516)	1:43:A:MET:H	1:43:A:MET:HE3	16	0.38
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	11	0.38
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	11	0.38
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	11	0.38
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	11	0.38
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	11	0.38
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	11	0.38
(34,1415)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	8	0.38
(34,1415)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	8	0.38
(34,1415)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	8	0.38
(34,1415)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	8	0.38
(34,1415)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	8	0.38
(34,1415)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	8	0.38
(34,1415)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	8	0.38
(34,1415)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	8	0.38
(34,1415)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	8	0.38
(34,1385)	1:46:A:ASN:HB3	1:134:A:VAL:HG21	5	0.38
(34,1385)	1:46:A:ASN:HB3	1:134:A:VAL:HG22	5	0.38
(34,1385)	1:46:A:ASN:HB3	1:134:A:VAL:HG23	5	0.38
(34,1258)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	18	0.38
(34,1258)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	18	0.38
(34,1258)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	18	0.38
(34,1199)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	7	0.38
(34,1199)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	7	0.38
(34,1199)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	7	0.38
(34,1199)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	7	0.38
(34,1199)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	7	0.38
(34,1199)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	7	0.38
(34,1147)	1:41:A:LYS:HA	1:44:A:GLU:HG3	4	0.38
(34,1114)	1:138:A:ASP:HA	1:141:A:LYS:HA	13	0.38
(34,1018)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	1	0.38
(34,1018)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	1	0.38
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB2	10	0.38
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB3	10	0.38
(34,940)	1:125:A:THR:HB	1:128:A:LEU:HB2	12	0.38
(34,795)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	11	0.38
(34,795)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	11	0.38
(34,795)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	11	0.38
(34,795)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	11	0.38
(34,795)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	11	0.38
(34,795)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	11	0.38
(34,795)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	19	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,795)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	19	0.38
(34,795)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	19	0.38
(34,795)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	19	0.38
(34,795)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	19	0.38
(34,795)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	19	0.38
(34,764)	1:37:A:LEU:H	1:40:A:LEU:HB3	8	0.38
(34,762)	1:141:A:LYS:H	1:143:A:TRP:HB2	8	0.38
(34,749)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	15	0.38
(34,749)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	15	0.38
(34,661)	1:79:A:THR:H	1:80:A:TYR:HD1	4	0.38
(34,661)	1:79:A:THR:H	1:80:A:TYR:HD2	4	0.38
(34,530)	1:70:A:LYS:HG3	1:71:A:LYS:H	13	0.38
(34,185)	1:93:A:GLU:H	1:93:A:GLU:HG2	6	0.38
(34,185)	1:93:A:GLU:H	1:93:A:GLU:HG3	6	0.38
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD11	15	0.38
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD12	15	0.38
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD13	15	0.38
(34,102)	1:63:A:ILE:H	1:63:A:ILE:HG13	17	0.38
(33,2279)	1:75:A:GLY:H	1:76:A:ARG:HB2	3	0.38
(33,2279)	1:75:A:GLY:H	1:76:A:ARG:HB3	3	0.38
(33,2263)	1:70:A:LYS:HG2	1:71:A:LYS:H	11	0.38
(33,2263)	1:70:A:LYS:HG3	1:71:A:LYS:H	11	0.38
(33,2252)	1:69:A:MET:HG2	1:72:A:PHE:HB2	10	0.38
(33,2252)	1:69:A:MET:HG3	1:72:A:PHE:HB2	10	0.38
(33,2252)	1:69:A:MET:HG2	1:72:A:PHE:HB2	19	0.38
(33,2252)	1:69:A:MET:HG3	1:72:A:PHE:HB2	19	0.38
(33,2151)	1:43:A:MET:HE1	1:46:A:ASN:HB2	5	0.38
(33,2151)	1:43:A:MET:HE1	1:46:A:ASN:HB3	5	0.38
(33,2151)	1:43:A:MET:HE2	1:46:A:ASN:HB2	5	0.38
(33,2151)	1:43:A:MET:HE2	1:46:A:ASN:HB3	5	0.38
(33,2151)	1:43:A:MET:HE3	1:46:A:ASN:HB2	5	0.38
(33,2151)	1:43:A:MET:HE3	1:46:A:ASN:HB3	5	0.38
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD11	8	0.38
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD12	8	0.38
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD13	8	0.38
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD21	8	0.38
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD22	8	0.38
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD23	8	0.38
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD11	16	0.38
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD12	16	0.38
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD13	16	0.38
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD21	16	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD22	16	0.38
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD23	16	0.38
(33,1819)	1:9:A:PHE:HZ	1:11:A:ILE:HB	2	0.38
(33,1761)	1:57:A:LEU:HG	1:60:A:LEU:HG	6	0.38
(33,1701)	1:141:A:LYS:HA	1:145:A:PRO:HD3	5	0.38
(33,1676)	1:69:A:MET:HA	1:109:A:PRO:HA	5	0.38
(33,1633)	1:97:A:ASP:HB2	1:102:A:PRO:HA	4	0.38
(33,1633)	1:97:A:ASP:HB3	1:102:A:PRO:HA	4	0.38
(33,1598)	1:73:A:ILE:HG21	1:76:A:ARG:H	5	0.38
(33,1598)	1:73:A:ILE:HG22	1:76:A:ARG:H	5	0.38
(33,1598)	1:73:A:ILE:HG23	1:76:A:ARG:H	5	0.38
(33,1574)	1:98:A:ILE:HG21	1:116:A:GLN:H	16	0.38
(33,1574)	1:98:A:ILE:HG22	1:116:A:GLN:H	16	0.38
(33,1574)	1:98:A:ILE:HG23	1:116:A:GLN:H	16	0.38
(33,1509)	1:69:A:MET:HE1	1:115:A:ALA:H	8	0.38
(33,1509)	1:69:A:MET:HE2	1:115:A:ALA:H	8	0.38
(33,1509)	1:69:A:MET:HE3	1:115:A:ALA:H	8	0.38
(33,1509)	1:69:A:MET:HE1	1:115:A:ALA:H	19	0.38
(33,1509)	1:69:A:MET:HE2	1:115:A:ALA:H	19	0.38
(33,1509)	1:69:A:MET:HE3	1:115:A:ALA:H	19	0.38
(33,1451)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	18	0.38
(33,1451)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	18	0.38
(33,1451)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	18	0.38
(33,1451)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	18	0.38
(33,1451)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	18	0.38
(33,1451)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	18	0.38
(33,1398)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	8	0.38
(33,1398)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	8	0.38
(33,1398)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	8	0.38
(33,1398)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	8	0.38
(33,1398)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	8	0.38
(33,1398)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	8	0.38
(33,1398)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	8	0.38
(33,1398)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	8	0.38
(33,1398)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	8	0.38
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD21	2	0.38
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD22	2	0.38
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD23	2	0.38
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD21	13	0.38
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD22	13	0.38
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD23	13	0.38
(33,1114)	1:41:A:LYS:HA	1:44:A:GLU:HG3	4	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1082)	1:45:A:ALA:HA	1:48:A:ARG:HG2	11	0.38
(33,1082)	1:45:A:ALA:HA	1:48:A:ARG:HG3	11	0.38
(33,971)	1:141:A:LYS:HB2	1:149:A:ALA:HA	13	0.38
(33,971)	1:141:A:LYS:HB3	1:149:A:ALA:HA	13	0.38
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	7	0.38
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	7	0.38
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	7	0.38
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	7	0.38
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	7	0.38
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	7	0.38
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	7	0.38
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	7	0.38
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	7	0.38
(33,782)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	13	0.38
(33,782)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	13	0.38
(33,782)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	13	0.38
(33,782)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	13	0.38
(33,782)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	13	0.38
(33,782)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	13	0.38
(33,740)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	17	0.38
(33,616)	1:14:A:VAL:HB	1:16:A:SER:H	8	0.38
(33,565)	1:63:A:ILE:HG21	1:116:A:GLN:H	8	0.38
(33,565)	1:63:A:ILE:HG22	1:116:A:GLN:H	8	0.38
(33,565)	1:63:A:ILE:HG23	1:116:A:GLN:H	8	0.38
(33,431)	1:68:A:LYS:H	1:68:A:LYS:HE2	17	0.38
(33,431)	1:68:A:LYS:H	1:68:A:LYS:HE3	17	0.38
(33,374)	1:41:A:LYS:H	1:44:A:GLU:HB2	7	0.38
(33,374)	1:41:A:LYS:H	1:44:A:GLU:HB3	7	0.38
(33,318)	1:56:A:CYS:HA	1:122:A:ASP:H	6	0.38
(33,177)	1:93:A:GLU:H	1:93:A:GLU:HG2	6	0.38
(33,177)	1:93:A:GLU:H	1:93:A:GLU:HG3	6	0.38
(33,103)	1:63:A:ILE:H	1:63:A:ILE:HG13	17	0.38
(33,47)	1:98:A:ILE:H	1:104:A:PHE:HB3	16	0.38
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD11	9	0.38
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD12	9	0.38
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD13	9	0.38
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD21	9	0.38
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD22	9	0.38
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD23	9	0.38
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD11	19	0.38
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD12	19	0.38
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD13	19	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD21	19	0.38
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD22	19	0.38
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD23	19	0.38
(32,2289)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	7	0.38
(32,2289)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	7	0.38
(32,2289)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	7	0.38
(32,2289)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	7	0.38
(32,2289)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	7	0.38
(32,2289)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	7	0.38
(32,2289)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	7	0.38
(32,2289)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	7	0.38
(32,2289)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	7	0.38
(32,2289)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	7	0.38
(32,2289)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	7	0.38
(32,2289)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	7	0.38
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD11	18	0.38
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD12	18	0.38
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD13	18	0.38
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD21	18	0.38
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD22	18	0.38
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD23	18	0.38
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD11	18	0.38
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD12	18	0.38
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD13	18	0.38
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD21	18	0.38
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD22	18	0.38
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD23	18	0.38
(32,2010)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	14	0.38
(32,2010)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	14	0.38
(32,2010)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	14	0.38
(32,2010)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	14	0.38
(32,1873)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	19	0.38
(32,1873)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	19	0.38
(32,1873)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	19	0.38
(32,1873)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	19	0.38
(32,1873)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	19	0.38
(32,1873)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	19	0.38
(32,1810)	1:79:A:THR:HB	1:80:A:TYR:HE1	7	0.38
(32,1810)	1:79:A:THR:HB	1:80:A:TYR:HE2	7	0.38
(32,1786)	1:9:A:PHE:HZ	1:11:A:ILE:HB	2	0.38
(32,1782)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	1	0.38
(32,1782)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	1	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1782)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	1	0.38
(32,1782)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	1	0.38
(32,1782)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	1	0.38
(32,1782)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	1	0.38
(32,1748)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	4	0.38
(32,1748)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	4	0.38
(32,1748)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	4	0.38
(32,1748)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	4	0.38
(32,1744)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	17	0.38
(32,1744)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	17	0.38
(32,1726)	1:57:A:LEU:HG	1:60:A:LEU:HG	6	0.38
(32,1676)	1:14:A:VAL:H	1:79:A:THR:HG21	6	0.38
(32,1676)	1:14:A:VAL:H	1:79:A:THR:HG22	6	0.38
(32,1676)	1:14:A:VAL:H	1:79:A:THR:HG23	6	0.38
(32,1654)	1:43:A:MET:HG2	1:43:A:MET:HE1	2	0.38
(32,1654)	1:43:A:MET:HG2	1:43:A:MET:HE2	2	0.38
(32,1654)	1:43:A:MET:HG2	1:43:A:MET:HE3	2	0.38
(32,1602)	1:97:A:ASP:HB2	1:102:A:PRO:HA	4	0.38
(32,1602)	1:97:A:ASP:HB3	1:102:A:PRO:HA	4	0.38
(32,1573)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	10	0.38
(32,1573)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	10	0.38
(32,1573)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	10	0.38
(32,1573)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	10	0.38
(32,1573)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	10	0.38
(32,1573)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	10	0.38
(32,1571)	1:73:A:ILE:HG21	1:76:A:ARG:H	5	0.38
(32,1571)	1:73:A:ILE:HG22	1:76:A:ARG:H	5	0.38
(32,1571)	1:73:A:ILE:HG23	1:76:A:ARG:H	5	0.38
(32,1440)	1:101:A:ILE:HG21	1:116:A:GLN:H	1	0.38
(32,1440)	1:101:A:ILE:HG22	1:116:A:GLN:H	1	0.38
(32,1440)	1:101:A:ILE:HG23	1:116:A:GLN:H	1	0.38
(32,1237)	1:15:A:ALA:HA	1:131:A:LEU:HB2	5	0.38
(32,1201)	1:43:A:MET:HG2	1:140:A:LEU:HD11	19	0.38
(32,1201)	1:43:A:MET:HG2	1:140:A:LEU:HD12	19	0.38
(32,1201)	1:43:A:MET:HG2	1:140:A:LEU:HD13	19	0.38
(32,1177)	1:69:A:MET:HE1	1:110:A:MET:HA	10	0.38
(32,1177)	1:69:A:MET:HE2	1:110:A:MET:HA	10	0.38
(32,1177)	1:69:A:MET:HE3	1:110:A:MET:HA	10	0.38
(32,820)	1:48:A:ARG:HA	1:48:A:ARG:HD2	1	0.38
(32,820)	1:48:A:ARG:HA	1:48:A:ARG:HD3	1	0.38
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	18	0.38
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	18	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	18	0.38
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	18	0.38
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	18	0.38
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	18	0.38
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	18	0.38
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	18	0.38
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	18	0.38
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	7	0.38
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	7	0.38
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	7	0.38
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	7	0.38
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	7	0.38
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	7	0.38
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	7	0.38
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	7	0.38
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	7	0.38
(32,777)	1:55:A:GLY:H	1:58:A:ILE:HD11	10	0.38
(32,777)	1:55:A:GLY:H	1:58:A:ILE:HD12	10	0.38
(32,777)	1:55:A:GLY:H	1:58:A:ILE:HD13	10	0.38
(32,741)	1:141:A:LYS:H	1:143:A:TRP:HB2	8	0.38
(32,639)	1:66:A:THR:H	1:116:A:GLN:HE22	10	0.38
(32,607)	1:35:A:LEU:H	1:80:A:TYR:HB2	17	0.38
(32,556)	1:63:A:ILE:HG21	1:116:A:GLN:H	8	0.38
(32,556)	1:63:A:ILE:HG22	1:116:A:GLN:H	8	0.38
(32,556)	1:63:A:ILE:HG23	1:116:A:GLN:H	8	0.38
(32,169)	1:93:A:GLU:H	1:93:A:GLU:HG2	6	0.38
(32,169)	1:93:A:GLU:H	1:93:A:GLU:HG3	6	0.38
(30,2296)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	7	0.38
(30,2296)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	7	0.38
(30,2296)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	7	0.38
(30,2296)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	7	0.38
(30,2296)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	7	0.38
(30,2296)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	7	0.38
(30,2286)	1:79:A:THR:HG21	1:81:A:GLU:HB2	13	0.38
(30,2286)	1:79:A:THR:HG21	1:81:A:GLU:HB3	13	0.38
(30,2286)	1:79:A:THR:HG22	1:81:A:GLU:HB2	13	0.38
(30,2286)	1:79:A:THR:HG22	1:81:A:GLU:HB3	13	0.38
(30,2286)	1:79:A:THR:HG23	1:81:A:GLU:HB2	13	0.38
(30,2286)	1:79:A:THR:HG23	1:81:A:GLU:HB3	13	0.38
(30,2157)	1:43:A:MET:H	1:43:A:MET:HG2	1	0.38
(30,2157)	1:43:A:MET:H	1:43:A:MET:HG3	1	0.38
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD11	9	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD12	9	0.38
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD13	9	0.38
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD21	9	0.38
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD22	9	0.38
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD23	9	0.38
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD11	9	0.38
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD12	9	0.38
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD13	9	0.38
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD21	9	0.38
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD22	9	0.38
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD23	9	0.38
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE1	10	0.38
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE2	10	0.38
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE3	10	0.38
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE1	10	0.38
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE2	10	0.38
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE3	10	0.38
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE1	13	0.38
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE2	13	0.38
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE3	13	0.38
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE1	13	0.38
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE2	13	0.38
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE3	13	0.38
(30,1939)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	11	0.38
(30,1939)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	11	0.38
(30,1939)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	11	0.38
(30,1939)	1:9:A:PHE:HZ	1:40:A:LEU:HD21	11	0.38
(30,1939)	1:9:A:PHE:HZ	1:40:A:LEU:HD22	11	0.38
(30,1939)	1:9:A:PHE:HZ	1:40:A:LEU:HD23	11	0.38
(30,1890)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	3	0.38
(30,1868)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	7	0.38
(30,1868)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	7	0.38
(30,1857)	1:9:A:PHE:HZ	1:11:A:ILE:HA	11	0.38
(30,1822)	1:9:A:PHE:HZ	1:11:A:ILE:HB	2	0.38
(30,1767)	1:57:A:LEU:HG	1:60:A:LEU:HG	6	0.38
(30,1690)	1:69:A:MET:HA	1:109:A:PRO:HA	5	0.38
(30,1651)	1:131:A:LEU:H	1:134:A:VAL:HG11	6	0.38
(30,1651)	1:131:A:LEU:H	1:134:A:VAL:HG12	6	0.38
(30,1651)	1:131:A:LEU:H	1:134:A:VAL:HG13	6	0.38
(30,1612)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	10	0.38
(30,1612)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	10	0.38
(30,1612)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	10	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1612)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	10	0.38
(30,1612)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	10	0.38
(30,1612)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	10	0.38
(30,1610)	1:73:A:ILE:HG21	1:76:A:ARG:H	5	0.38
(30,1610)	1:73:A:ILE:HG22	1:76:A:ARG:H	5	0.38
(30,1610)	1:73:A:ILE:HG23	1:76:A:ARG:H	5	0.38
(30,1588)	1:98:A:ILE:HG21	1:116:A:GLN:H	16	0.38
(30,1588)	1:98:A:ILE:HG22	1:116:A:GLN:H	16	0.38
(30,1588)	1:98:A:ILE:HG23	1:116:A:GLN:H	16	0.38
(30,1438)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	19	0.38
(30,1438)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	19	0.38
(30,1438)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	19	0.38
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	7	0.38
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	7	0.38
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	7	0.38
(30,1411)	1:149:A:ALA:HB1	1:151:A:PHE:H	3	0.38
(30,1411)	1:149:A:ALA:HB2	1:151:A:PHE:H	3	0.38
(30,1411)	1:149:A:ALA:HB3	1:151:A:PHE:H	3	0.38
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	11	0.38
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	11	0.38
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	11	0.38
(30,1359)	1:39:A:VAL:HG11	1:144:A:LEU:H	6	0.38
(30,1359)	1:39:A:VAL:HG12	1:144:A:LEU:H	6	0.38
(30,1359)	1:39:A:VAL:HG13	1:144:A:LEU:H	6	0.38
(30,1207)	1:69:A:MET:HE1	1:110:A:MET:HA	10	0.38
(30,1207)	1:69:A:MET:HE2	1:110:A:MET:HA	10	0.38
(30,1207)	1:69:A:MET:HE3	1:110:A:MET:HA	10	0.38
(30,1198)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	11	0.38
(30,1198)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	11	0.38
(30,1198)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	11	0.38
(30,1198)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	11	0.38
(30,1198)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	11	0.38
(30,1198)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	11	0.38
(30,1198)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	11	0.38
(30,1198)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	11	0.38
(30,1198)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	11	0.38
(30,1099)	1:18:A:PHE:HA	1:113:A:PHE:HZ	19	0.38
(30,1020)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	6	0.38
(30,870)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	18	0.38
(30,870)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	18	0.38
(30,870)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	18	0.38
(30,839)	1:48:A:ARG:HA	1:48:A:ARG:HD2	1	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,839)	1:48:A:ARG:HA	1:48:A:ARG:HD3	1	0.38
(30,836)	1:103:A:ARG:HA	1:103:A:ARG:HD2	6	0.38
(30,836)	1:103:A:ARG:HA	1:103:A:ARG:HD3	6	0.38
(30,738)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	17	0.38
(30,629)	1:9:A:PHE:HZ	1:58:A:ILE:H	15	0.38
(30,377)	1:40:A:LEU:HB3	1:41:A:LYS:H	15	0.38
(30,178)	1:93:A:GLU:H	1:93:A:GLU:HG2	6	0.38
(30,178)	1:93:A:GLU:H	1:93:A:GLU:HG3	6	0.38
(30,101)	1:63:A:ILE:H	1:63:A:ILE:HG13	17	0.38
(30,70)	1:63:A:ILE:HG21	1:117:A:VAL:H	8	0.38
(30,70)	1:63:A:ILE:HG22	1:117:A:VAL:H	8	0.38
(30,70)	1:63:A:ILE:HG23	1:117:A:VAL:H	8	0.38
(30,59)	1:34:A:LYS:H	1:81:A:GLU:H	18	0.38
(29,2280)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	7	0.38
(29,2280)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	7	0.38
(29,2280)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	7	0.38
(29,2280)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	7	0.38
(29,2280)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	7	0.38
(29,2280)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	7	0.38
(29,2184)	1:56:A:CYS:HB2	1:124:A:THR:HG21	14	0.38
(29,2184)	1:56:A:CYS:HB2	1:124:A:THR:HG22	14	0.38
(29,2184)	1:56:A:CYS:HB2	1:124:A:THR:HG23	14	0.38
(29,2184)	1:56:A:CYS:HB3	1:124:A:THR:HG21	14	0.38
(29,2184)	1:56:A:CYS:HB3	1:124:A:THR:HG22	14	0.38
(29,2184)	1:56:A:CYS:HB3	1:124:A:THR:HG23	14	0.38
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD11	10	0.38
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD12	10	0.38
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD13	10	0.38
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD21	10	0.38
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD22	10	0.38
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD23	10	0.38
(29,2077)	1:32:A:GLY:HA2	1:34:A:LYS:H	14	0.38
(29,2077)	1:32:A:GLY:HA3	1:34:A:LYS:H	14	0.38
(29,2073)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	15	0.38
(29,2073)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	15	0.38
(29,2073)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	15	0.38
(29,2073)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	15	0.38
(29,2073)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	15	0.38
(29,2073)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	15	0.38
(29,2073)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	15	0.38
(29,2073)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	15	0.38
(29,2073)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	15	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2073)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	15	0.38
(29,2073)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	15	0.38
(29,2073)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	15	0.38
(29,2067)	1:29:A:LYS:HA	1:30:A:LEU:HD11	1	0.38
(29,2067)	1:29:A:LYS:HA	1:30:A:LEU:HD12	1	0.38
(29,2067)	1:29:A:LYS:HA	1:30:A:LEU:HD13	1	0.38
(29,2067)	1:29:A:LYS:HA	1:30:A:LEU:HD21	1	0.38
(29,2067)	1:29:A:LYS:HA	1:30:A:LEU:HD22	1	0.38
(29,2067)	1:29:A:LYS:HA	1:30:A:LEU:HD23	1	0.38
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	19	0.38
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	19	0.38
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	19	0.38
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	19	0.38
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	19	0.38
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	19	0.38
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	19	0.38
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	19	0.38
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	19	0.38
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	19	0.38
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	19	0.38
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	19	0.38
(29,1869)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	8	0.38
(29,1869)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	8	0.38
(29,1869)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	8	0.38
(29,1869)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	8	0.38
(29,1869)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	8	0.38
(29,1869)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	8	0.38
(29,1718)	1:43:A:MET:HG2	1:43:A:MET:HE1	2	0.38
(29,1718)	1:43:A:MET:HG2	1:43:A:MET:HE2	2	0.38
(29,1718)	1:43:A:MET:HG2	1:43:A:MET:HE3	2	0.38
(29,1680)	1:69:A:MET:HE1	1:116:A:GLN:HG3	12	0.38
(29,1680)	1:69:A:MET:HE2	1:116:A:GLN:HG3	12	0.38
(29,1680)	1:69:A:MET:HE3	1:116:A:GLN:HG3	12	0.38
(29,1659)	1:97:A:ASP:HB2	1:102:A:PRO:HA	4	0.38
(29,1659)	1:97:A:ASP:HB3	1:102:A:PRO:HA	4	0.38
(29,1599)	1:98:A:ILE:HG21	1:116:A:GLN:H	16	0.38
(29,1599)	1:98:A:ILE:HG22	1:116:A:GLN:H	16	0.38
(29,1599)	1:98:A:ILE:HG23	1:116:A:GLN:H	16	0.38
(29,1593)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	6	0.38
(29,1593)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	6	0.38
(29,1593)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	6	0.38
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE1	13	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE2	13	0.38
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE3	13	0.38
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	7	0.38
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	7	0.38
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	7	0.38
(29,1369)	1:39:A:VAL:HG11	1:144:A:LEU:H	6	0.38
(29,1369)	1:39:A:VAL:HG12	1:144:A:LEU:H	6	0.38
(29,1369)	1:39:A:VAL:HG13	1:144:A:LEU:H	6	0.38
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD11	2	0.38
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD12	2	0.38
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD13	2	0.38
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD11	2	0.38
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD12	2	0.38
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD13	2	0.38
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD11	2	0.38
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD12	2	0.38
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD13	2	0.38
(29,1221)	1:41:A:LYS:HA	1:41:A:LYS:HG2	18	0.38
(29,1130)	1:41:A:LYS:HA	1:44:A:GLU:HG3	4	0.38
(29,1123)	1:43:A:MET:HA	1:43:A:MET:HG3	1	0.38
(29,1100)	1:70:A:LYS:HA	1:70:A:LYS:HE2	18	0.38
(29,1100)	1:70:A:LYS:HA	1:70:A:LYS:HE3	18	0.38
(29,1031)	1:34:A:LYS:H	1:81:A:GLU:HB3	4	0.38
(29,1027)	1:34:A:LYS:H	1:81:A:GLU:HB2	1	0.38
(29,853)	1:48:A:ARG:HA	1:48:A:ARG:HD2	1	0.38
(29,853)	1:48:A:ARG:HA	1:48:A:ARG:HD3	1	0.38
(29,771)	1:141:A:LYS:H	1:143:A:TRP:HB2	8	0.38
(29,753)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	17	0.38
(29,706)	1:46:A:ASN:HB3	1:134:A:VAL:H	8	0.38
(29,658)	1:79:A:THR:H	1:80:A:TYR:HD1	4	0.38
(29,658)	1:79:A:THR:H	1:80:A:TYR:HD2	4	0.38
(29,591)	1:126:A:GLY:H	1:128:A:LEU:HB2	7	0.38
(29,514)	1:70:A:LYS:HE2	1:71:A:LYS:H	8	0.38
(29,514)	1:70:A:LYS:HE3	1:71:A:LYS:H	8	0.38
(29,102)	1:63:A:ILE:H	1:63:A:ILE:HG13	17	0.38
(29,83)	1:43:A:MET:HB2	1:45:A:ALA:H	9	0.38
(23,17)	1:118:A:ASP:N	1:114:A:ILE:O	11	0.38
(23,11)	1:107:A:LEU:N	1:103:A:ARG:O	5	0.38
(23,6)	1:59:A:CYS:N	1:55:A:GLY:O	4	0.38
(23,2)	1:39:A:VAL:N	1:36:A:PRO:O	10	0.38
(22,40)	1:128:A:LEU:N	1:124:A:THR:C	11	0.38
(22,34)	1:118:A:ASP:N	1:114:A:ILE:C	12	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(22,27)	1:115:A:ALA:H	1:111:A:GLU:C	1	0.38
(22,27)	1:115:A:ALA:H	1:111:A:GLU:C	7	0.38
(22,27)	1:115:A:ALA:H	1:111:A:GLU:C	17	0.38
(22,18)	1:73:A:ILE:N	1:69:A:MET:C	1	0.38
(22,16)	1:61:A:SER:N	1:57:A:LEU:C	5	0.38
(22,16)	1:61:A:SER:N	1:57:A:LEU:C	14	0.38
(22,15)	1:61:A:SER:H	1:57:A:LEU:C	3	0.38
(22,15)	1:61:A:SER:H	1:57:A:LEU:C	16	0.38
(22,12)	1:59:A:CYS:N	1:55:A:GLY:C	1	0.38
(22,8)	1:45:A:ALA:N	1:41:A:LYS:C	11	0.38
(22,5)	1:44:A:GLU:H	1:40:A:LEU:C	3	0.38
(22,5)	1:44:A:GLU:H	1:40:A:LEU:C	8	0.38
(22,5)	1:44:A:GLU:H	1:40:A:LEU:C	9	0.38
(22,5)	1:44:A:GLU:H	1:40:A:LEU:C	12	0.38
(22,3)	1:39:A:VAL:H	1:36:A:PRO:C	5	0.38
(19,7)	1:123:A:CYS:SG	1:56:A:CYS:CB	10	0.38
(18,2370)	1:124:A:THR:H	1:127:A:CYS:HB2	2	0.38
(18,2370)	1:124:A:THR:H	1:127:A:CYS:HB3	2	0.38
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD11	5	0.38
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD12	5	0.38
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD13	5	0.38
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD21	5	0.38
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD22	5	0.38
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD23	5	0.38
(18,2317)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	5	0.38
(18,2317)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	5	0.38
(18,2317)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	5	0.38
(18,2317)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	5	0.38
(18,2317)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	5	0.38
(18,2317)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	5	0.38
(18,2317)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	5	0.38
(18,2317)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	5	0.38
(18,2317)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	5	0.38
(18,2317)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	5	0.38
(18,2317)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	5	0.38
(18,2317)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	5	0.38
(18,2224)	1:60:A:LEU:HD11	1:122:A:ASP:H	15	0.38
(18,2224)	1:60:A:LEU:HD12	1:122:A:ASP:H	15	0.38
(18,2224)	1:60:A:LEU:HD13	1:122:A:ASP:H	15	0.38
(18,2224)	1:60:A:LEU:HD21	1:122:A:ASP:H	15	0.38
(18,2224)	1:60:A:LEU:HD22	1:122:A:ASP:H	15	0.38
(18,2224)	1:60:A:LEU:HD23	1:122:A:ASP:H	15	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1851)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	7	0.38
(18,1851)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	7	0.38
(18,1843)	1:9:A:PHE:HZ	1:11:A:ILE:HA	11	0.38
(18,1837)	1:80:A:TYR:HE1	1:81:A:GLU:HB2	18	0.38
(18,1837)	1:80:A:TYR:HE2	1:81:A:GLU:HB2	18	0.38
(18,1809)	1:9:A:PHE:HZ	1:11:A:ILE:HB	2	0.38
(18,1683)	1:43:A:MET:HG2	1:43:A:MET:HE1	2	0.38
(18,1683)	1:43:A:MET:HG2	1:43:A:MET:HE2	2	0.38
(18,1683)	1:43:A:MET:HG2	1:43:A:MET:HE3	2	0.38
(18,1619)	1:111:A:GLU:HA	1:114:A:ILE:HG21	4	0.38
(18,1619)	1:111:A:GLU:HA	1:114:A:ILE:HG22	4	0.38
(18,1619)	1:111:A:GLU:HA	1:114:A:ILE:HG23	4	0.38
(18,1593)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	10	0.38
(18,1593)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	10	0.38
(18,1593)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	10	0.38
(18,1593)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	10	0.38
(18,1593)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	10	0.38
(18,1593)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	10	0.38
(18,1591)	1:73:A:ILE:HG21	1:76:A:ARG:H	5	0.38
(18,1591)	1:73:A:ILE:HG22	1:76:A:ARG:H	5	0.38
(18,1591)	1:73:A:ILE:HG23	1:76:A:ARG:H	5	0.38
(18,1571)	1:98:A:ILE:HG21	1:116:A:GLN:H	16	0.38
(18,1571)	1:98:A:ILE:HG22	1:116:A:GLN:H	16	0.38
(18,1571)	1:98:A:ILE:HG23	1:116:A:GLN:H	16	0.38
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG21	4	0.38
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG22	4	0.38
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG23	4	0.38
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG21	11	0.38
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG22	11	0.38
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG23	11	0.38
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG21	17	0.38
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG22	17	0.38
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG23	17	0.38
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG21	18	0.38
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG22	18	0.38
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG23	18	0.38
(18,1461)	1:67:A:PRO:HD3	1:95:A:ILE:HA	5	0.38
(18,1269)	1:15:A:ALA:HA	1:131:A:LEU:HB2	5	0.38
(18,1230)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	14	0.38
(18,1230)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	14	0.38
(18,1230)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	14	0.38
(18,1221)	1:81:A:GLU:HA	1:81:A:GLU:HG2	1	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1221)	1:81:A:GLU:HA	1:81:A:GLU:HG3	1	0.38
(18,1221)	1:81:A:GLU:HA	1:81:A:GLU:HG2	5	0.38
(18,1221)	1:81:A:GLU:HA	1:81:A:GLU:HG3	5	0.38
(18,1221)	1:81:A:GLU:HA	1:81:A:GLU:HG2	7	0.38
(18,1221)	1:81:A:GLU:HA	1:81:A:GLU:HG3	7	0.38
(18,1221)	1:81:A:GLU:HA	1:81:A:GLU:HG2	10	0.38
(18,1221)	1:81:A:GLU:HA	1:81:A:GLU:HG3	10	0.38
(18,1221)	1:81:A:GLU:HA	1:81:A:GLU:HG2	11	0.38
(18,1221)	1:81:A:GLU:HA	1:81:A:GLU:HG3	11	0.38
(18,1124)	1:43:A:MET:HA	1:43:A:MET:HG3	6	0.38
(18,1099)	1:138:A:ASP:HA	1:141:A:LYS:HA	13	0.38
(18,817)	1:32:A:GLY:HA2	1:33:A:LYS:H	6	0.38
(18,795)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	13	0.38
(18,795)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	13	0.38
(18,795)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	13	0.38
(18,795)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	13	0.38
(18,795)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	13	0.38
(18,795)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	13	0.38
(18,772)	1:141:A:LYS:H	1:143:A:TRP:HB2	8	0.38
(18,758)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	15	0.38
(18,758)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	15	0.38
(18,756)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	17	0.38
(18,722)	1:23:A:LEU:HD11	1:27:A:ARG:HE	10	0.38
(18,722)	1:23:A:LEU:HD12	1:27:A:ARG:HE	10	0.38
(18,722)	1:23:A:LEU:HD13	1:27:A:ARG:HE	10	0.38
(18,665)	1:79:A:THR:H	1:80:A:TYR:HD1	4	0.38
(18,665)	1:79:A:THR:H	1:80:A:TYR:HD2	4	0.38
(18,597)	1:126:A:GLY:H	1:128:A:LEU:HB2	7	0.38
(18,568)	1:73:A:ILE:HD11	1:110:A:MET:H	11	0.38
(18,568)	1:73:A:ILE:HD12	1:110:A:MET:H	11	0.38
(18,568)	1:73:A:ILE:HD13	1:110:A:MET:H	11	0.38
(18,485)	1:48:A:ARG:HA	1:53:A:THR:H	3	0.38
(18,183)	1:93:A:GLU:H	1:93:A:GLU:HG2	6	0.38
(18,183)	1:93:A:GLU:H	1:93:A:GLU:HG3	6	0.38
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD11	18	0.38
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD12	18	0.38
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD13	18	0.38
(18,107)	1:69:A:MET:H	1:69:A:MET:HE1	11	0.38
(18,107)	1:69:A:MET:H	1:69:A:MET:HE2	11	0.38
(18,107)	1:69:A:MET:H	1:69:A:MET:HE3	11	0.38
(18,100)	1:63:A:ILE:H	1:63:A:ILE:HG13	17	0.38
(18,41)	1:43:A:MET:HA	1:47:A:ALA:H	15	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD11	6	0.38
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD12	6	0.38
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD13	6	0.38
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD21	6	0.38
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD22	6	0.38
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD23	6	0.38
(17,2324)	1:105:A:LYS:H	1:105:A:LYS:HG2	10	0.38
(17,2324)	1:105:A:LYS:H	1:105:A:LYS:HG3	10	0.38
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD11	3	0.38
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD12	3	0.38
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD13	3	0.38
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD21	3	0.38
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD22	3	0.38
(17,2048)	1:23:A:LEU:HA	1:23:A:LEU:HD23	3	0.38
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	19	0.38
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	19	0.38
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	19	0.38
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	19	0.38
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	19	0.38
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	19	0.38
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	19	0.38
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	19	0.38
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	19	0.38
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	19	0.38
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	19	0.38
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	19	0.38
(17,2031)	1:17:A:ASN:HD21	1:113:A:PHE:HE1	1	0.38
(17,2031)	1:17:A:ASN:HD21	1:113:A:PHE:HE2	1	0.38
(17,2031)	1:17:A:ASN:HD22	1:113:A:PHE:HE1	1	0.38
(17,2031)	1:17:A:ASN:HD22	1:113:A:PHE:HE2	1	0.38
(17,1894)	1:14:A:VAL:HA	1:18:A:PHE:HD1	6	0.38
(17,1894)	1:14:A:VAL:HA	1:18:A:PHE:HD2	6	0.38
(17,1836)	1:9:A:PHE:HZ	1:11:A:ILE:HB	2	0.38
(17,1834)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	1	0.38
(17,1834)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	1	0.38
(17,1834)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	1	0.38
(17,1834)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	1	0.38
(17,1834)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	1	0.38
(17,1834)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	1	0.38
(17,1725)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	10	0.38
(17,1662)	1:97:A:ASP:HB2	1:102:A:PRO:HA	4	0.38
(17,1662)	1:97:A:ASP:HB3	1:102:A:PRO:HA	4	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1649)	1:111:A:GLU:HA	1:114:A:ILE:HG21	4	0.38
(17,1649)	1:111:A:GLU:HA	1:114:A:ILE:HG22	4	0.38
(17,1649)	1:111:A:GLU:HA	1:114:A:ILE:HG23	4	0.38
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	11	0.38
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	11	0.38
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	11	0.38
(17,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	10	0.38
(17,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	10	0.38
(17,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	10	0.38
(17,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	10	0.38
(17,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	10	0.38
(17,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	10	0.38
(17,1602)	1:98:A:ILE:HG21	1:116:A:GLN:H	16	0.38
(17,1602)	1:98:A:ILE:HG22	1:116:A:GLN:H	16	0.38
(17,1602)	1:98:A:ILE:HG23	1:116:A:GLN:H	16	0.38
(17,1574)	1:138:A:ASP:HB2	1:139:A:LEU:HD11	17	0.38
(17,1574)	1:138:A:ASP:HB2	1:139:A:LEU:HD12	17	0.38
(17,1574)	1:138:A:ASP:HB2	1:139:A:LEU:HD13	17	0.38
(17,1574)	1:138:A:ASP:HB3	1:139:A:LEU:HD11	17	0.38
(17,1574)	1:138:A:ASP:HB3	1:139:A:LEU:HD12	17	0.38
(17,1574)	1:138:A:ASP:HB3	1:139:A:LEU:HD13	17	0.38
(17,1551)	1:66:A:THR:HG21	1:69:A:MET:HE1	6	0.38
(17,1551)	1:66:A:THR:HG21	1:69:A:MET:HE2	6	0.38
(17,1551)	1:66:A:THR:HG21	1:69:A:MET:HE3	6	0.38
(17,1551)	1:66:A:THR:HG22	1:69:A:MET:HE1	6	0.38
(17,1551)	1:66:A:THR:HG22	1:69:A:MET:HE2	6	0.38
(17,1551)	1:66:A:THR:HG22	1:69:A:MET:HE3	6	0.38
(17,1551)	1:66:A:THR:HG23	1:69:A:MET:HE1	6	0.38
(17,1551)	1:66:A:THR:HG23	1:69:A:MET:HE2	6	0.38
(17,1551)	1:66:A:THR:HG23	1:69:A:MET:HE3	6	0.38
(17,1488)	1:67:A:PRO:HD3	1:95:A:ILE:HA	5	0.38
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	7	0.38
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	7	0.38
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	7	0.38
(17,1382)	1:46:A:ASN:HB3	1:134:A:VAL:HG21	5	0.38
(17,1382)	1:46:A:ASN:HB3	1:134:A:VAL:HG22	5	0.38
(17,1382)	1:46:A:ASN:HB3	1:134:A:VAL:HG23	5	0.38
(17,1379)	1:39:A:VAL:HG11	1:144:A:LEU:H	6	0.38
(17,1379)	1:39:A:VAL:HG12	1:144:A:LEU:H	6	0.38
(17,1379)	1:39:A:VAL:HG13	1:144:A:LEU:H	6	0.38
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD21	13	0.38
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD22	13	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD23	13	0.38
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	8	0.38
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	8	0.38
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	8	0.38
(17,1128)	1:41:A:LYS:HA	1:44:A:GLU:HG3	4	0.38
(17,1121)	1:41:A:LYS:HA	1:44:A:GLU:HG2	9	0.38
(17,1095)	1:141:A:LYS:HA	1:148:A:CYS:HB3	11	0.38
(17,1093)	1:48:A:ARG:HG2	1:49:A:LYS:HA	3	0.38
(17,1093)	1:48:A:ARG:HG3	1:49:A:LYS:HA	3	0.38
(17,1033)	1:11:A:ILE:HG12	1:44:A:GLU:HB2	10	0.38
(17,1033)	1:11:A:ILE:HG12	1:44:A:GLU:HB3	10	0.38
(17,1023)	1:34:A:LYS:H	1:81:A:GLU:HB3	4	0.38
(17,1019)	1:34:A:LYS:H	1:81:A:GLU:HB2	1	0.38
(17,938)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	16	0.38
(17,938)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	16	0.38
(17,938)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	16	0.38
(17,938)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	16	0.38
(17,765)	1:53:A:THR:H	1:124:A:THR:HG21	15	0.38
(17,765)	1:53:A:THR:H	1:124:A:THR:HG22	15	0.38
(17,765)	1:53:A:THR:H	1:124:A:THR:HG23	15	0.38
(17,744)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	17	0.38
(17,694)	1:56:A:CYS:H	1:122:A:ASP:HB2	6	0.38
(17,654)	1:79:A:THR:H	1:80:A:TYR:HD1	4	0.38
(17,654)	1:79:A:THR:H	1:80:A:TYR:HD2	4	0.38
(17,582)	1:126:A:GLY:H	1:128:A:LEU:HB2	7	0.38
(17,466)	1:14:A:VAL:H	1:61:A:SER:HA	4	0.38
(17,311)	1:43:A:MET:H	1:140:A:LEU:HD11	3	0.38
(17,311)	1:43:A:MET:H	1:140:A:LEU:HD12	3	0.38
(17,311)	1:43:A:MET:H	1:140:A:LEU:HD13	3	0.38
(17,98)	1:63:A:ILE:H	1:63:A:ILE:HG13	17	0.38
(16,2293)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.38
(16,2293)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.38
(16,2293)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.38
(16,2293)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.38
(16,2293)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.38
(16,2293)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.38
(16,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	7	0.38
(16,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	7	0.38
(16,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	7	0.38
(16,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	7	0.38
(16,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	7	0.38
(16,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	7	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2263)	1:76:A:ARG:HB3	1:113:A:PHE:HB2	1	0.38
(16,2263)	1:76:A:ARG:HB3	1:113:A:PHE:HB3	1	0.38
(16,2081)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	7	0.38
(16,2081)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	7	0.38
(16,2081)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	7	0.38
(16,2081)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	7	0.38
(16,2081)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	7	0.38
(16,2081)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	7	0.38
(16,2069)	1:32:A:GLY:HA2	1:34:A:LYS:H	14	0.38
(16,2069)	1:32:A:GLY:HA3	1:34:A:LYS:H	14	0.38
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD11	18	0.38
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD12	18	0.38
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD13	18	0.38
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD21	18	0.38
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD22	18	0.38
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD23	18	0.38
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	3	0.38
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	3	0.38
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	3	0.38
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	3	0.38
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	3	0.38
(16,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	3	0.38
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	3	0.38
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	3	0.38
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	3	0.38
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	3	0.38
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	3	0.38
(16,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	3	0.38
(16,1980)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	13	0.38
(16,1980)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	13	0.38
(16,1980)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	13	0.38
(16,1980)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	13	0.38
(16,1980)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	13	0.38
(16,1980)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	13	0.38
(16,1980)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	13	0.38
(16,1980)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	13	0.38
(16,1980)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	13	0.38
(16,1980)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	13	0.38
(16,1980)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	13	0.38
(16,1980)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	13	0.38
(16,1980)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	13	0.38
(16,1980)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	13	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1980)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	13	0.38
(16,1980)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	13	0.38
(16,1980)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	13	0.38
(16,1980)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	13	0.38
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	18	0.38
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	18	0.38
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	18	0.38
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	18	0.38
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	18	0.38
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	18	0.38
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	18	0.38
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	18	0.38
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	18	0.38
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	18	0.38
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	18	0.38
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	18	0.38
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	18	0.38
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	18	0.38
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	18	0.38
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	18	0.38
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	18	0.38
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	18	0.38
(16,1837)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	2	0.38
(16,1837)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	2	0.38
(16,1837)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	2	0.38
(16,1837)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	2	0.38
(16,1815)	1:9:A:PHE:HZ	1:11:A:ILE:HB	2	0.38
(16,1808)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	16	0.38
(16,1808)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	16	0.38
(16,1758)	1:95:A:ILE:HG21	1:97:A:ASP:HA	18	0.38
(16,1758)	1:95:A:ILE:HG22	1:97:A:ASP:HA	18	0.38
(16,1758)	1:95:A:ILE:HG23	1:97:A:ASP:HA	18	0.38
(16,1757)	1:57:A:LEU:HG	1:60:A:LEU:HG	6	0.38
(16,1711)	1:14:A:VAL:H	1:79:A:THR:HG21	6	0.38
(16,1711)	1:14:A:VAL:H	1:79:A:THR:HG22	6	0.38
(16,1711)	1:14:A:VAL:H	1:79:A:THR:HG23	6	0.38
(16,1701)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	10	0.38
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE1	3	0.38
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE2	3	0.38
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE3	3	0.38
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE1	5	0.38
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE2	5	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE3	5	0.38
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE1	9	0.38
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE2	9	0.38
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE3	9	0.38
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE1	11	0.38
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE2	11	0.38
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE3	11	0.38
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE1	13	0.38
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE2	13	0.38
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE3	13	0.38
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE1	14	0.38
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE2	14	0.38
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE3	14	0.38
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE1	15	0.38
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE2	15	0.38
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE3	15	0.38
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE1	19	0.38
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE2	19	0.38
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE3	19	0.38
(16,1678)	1:69:A:MET:HA	1:109:A:PRO:HA	5	0.38
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	9	0.38
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	9	0.38
(16,1650)	1:69:A:MET:HA	1:69:A:MET:HE1	6	0.38
(16,1650)	1:69:A:MET:HA	1:69:A:MET:HE2	6	0.38
(16,1650)	1:69:A:MET:HA	1:69:A:MET:HE3	6	0.38
(16,1596)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	10	0.38
(16,1596)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	10	0.38
(16,1596)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	10	0.38
(16,1596)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	10	0.38
(16,1596)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	10	0.38
(16,1596)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	10	0.38
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG21	12	0.38
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG22	12	0.38
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG23	12	0.38
(16,1572)	1:98:A:ILE:HG21	1:116:A:GLN:H	16	0.38
(16,1572)	1:98:A:ILE:HG22	1:116:A:GLN:H	16	0.38
(16,1572)	1:98:A:ILE:HG23	1:116:A:GLN:H	16	0.38
(16,1564)	1:63:A:ILE:HD11	1:113:A:PHE:HA	1	0.38
(16,1564)	1:63:A:ILE:HD12	1:113:A:PHE:HA	1	0.38
(16,1564)	1:63:A:ILE:HD13	1:113:A:PHE:HA	1	0.38
(16,1564)	1:63:A:ILE:HD11	1:113:A:PHE:HA	8	0.38
(16,1564)	1:63:A:ILE:HD12	1:113:A:PHE:HA	8	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1564)	1:63:A:ILE:HD13	1:113:A:PHE:HA	8	0.38
(16,1531)	1:69:A:MET:HE1	1:76:A:ARG:HG2	16	0.38
(16,1531)	1:69:A:MET:HE1	1:76:A:ARG:HG3	16	0.38
(16,1531)	1:69:A:MET:HE2	1:76:A:ARG:HG2	16	0.38
(16,1531)	1:69:A:MET:HE2	1:76:A:ARG:HG3	16	0.38
(16,1531)	1:69:A:MET:HE3	1:76:A:ARG:HG2	16	0.38
(16,1531)	1:69:A:MET:HE3	1:76:A:ARG:HG3	16	0.38
(16,1367)	1:39:A:VAL:HG11	1:144:A:LEU:H	6	0.38
(16,1367)	1:39:A:VAL:HG12	1:144:A:LEU:H	6	0.38
(16,1367)	1:39:A:VAL:HG13	1:144:A:LEU:H	6	0.38
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG21	18	0.38
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG22	18	0.38
(16,1362)	1:78:A:HIS:HA	1:79:A:THR:HG23	18	0.38
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD11	3	0.38
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD12	3	0.38
(16,1274)	1:13:A:ALA:HA	1:30:A:LEU:HD13	3	0.38
(16,1136)	1:40:A:LEU:HA	1:43:A:MET:HG3	11	0.38
(16,1072)	1:70:A:LYS:H	1:70:A:LYS:HD2	6	0.38
(16,1069)	1:72:A:PHE:HA	1:109:A:PRO:HG3	7	0.38
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE1	3	0.38
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE2	3	0.38
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE3	3	0.38
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE1	3	0.38
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE2	3	0.38
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE3	3	0.38
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE1	3	0.38
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE2	3	0.38
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE3	3	0.38
(16,753)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	15	0.38
(16,753)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	15	0.38
(16,708)	1:46:A:ASN:HB3	1:134:A:VAL:H	8	0.38
(16,702)	1:56:A:CYS:H	1:122:A:ASP:HB2	6	0.38
(16,591)	1:126:A:GLY:H	1:128:A:LEU:HB2	7	0.38
(16,557)	1:73:A:ILE:HD11	1:110:A:MET:H	11	0.38
(16,557)	1:73:A:ILE:HD12	1:110:A:MET:H	11	0.38
(16,557)	1:73:A:ILE:HD13	1:110:A:MET:H	11	0.38
(16,431)	1:39:A:VAL:HG21	1:143:A:TRP:H	4	0.38
(16,431)	1:39:A:VAL:HG22	1:143:A:TRP:H	4	0.38
(16,431)	1:39:A:VAL:HG23	1:143:A:TRP:H	4	0.38
(16,287)	1:73:A:ILE:HD11	1:112:A:GLN:H	13	0.38
(16,287)	1:73:A:ILE:HD12	1:112:A:GLN:H	13	0.38
(16,287)	1:73:A:ILE:HD13	1:112:A:GLN:H	13	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,224)	1:48:A:ARG:H	1:48:A:ARG:HG2	16	0.38
(16,224)	1:48:A:ARG:H	1:48:A:ARG:HG3	16	0.38
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD11	15	0.38
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD12	15	0.38
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD13	15	0.38
(16,31)	1:96:A:VAL:H	1:96:A:VAL:HA	11	0.38
(16,9)	1:63:A:ILE:HG13	1:64:A:LYS:H	4	0.38
(15,2332)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	1	0.38
(15,2332)	1:108:A:GLU:HB2	1:111:A:GLU:HG3	1	0.38
(15,2332)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	1	0.38
(15,2332)	1:108:A:GLU:HB3	1:111:A:GLU:HG3	1	0.38
(15,2115)	1:43:A:MET:H	1:43:A:MET:HG2	9	0.38
(15,2115)	1:43:A:MET:H	1:43:A:MET:HG3	9	0.38
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	17	0.38
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	17	0.38
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	17	0.38
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	17	0.38
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	17	0.38
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	17	0.38
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	17	0.38
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	17	0.38
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	17	0.38
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	17	0.38
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	17	0.38
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	17	0.38
(15,1680)	1:69:A:MET:HA	1:109:A:PRO:HA	5	0.38
(15,1640)	1:97:A:ASP:HB2	1:102:A:PRO:HA	4	0.38
(15,1640)	1:97:A:ASP:HB3	1:102:A:PRO:HA	4	0.38
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	11	0.38
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	11	0.38
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	11	0.38
(15,1601)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	10	0.38
(15,1601)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	10	0.38
(15,1601)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	10	0.38
(15,1601)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	10	0.38
(15,1601)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	10	0.38
(15,1601)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	10	0.38
(15,1599)	1:73:A:ILE:HG21	1:76:A:ARG:H	5	0.38
(15,1599)	1:73:A:ILE:HG22	1:76:A:ARG:H	5	0.38
(15,1599)	1:73:A:ILE:HG23	1:76:A:ARG:H	5	0.38
(15,1522)	1:69:A:MET:HE1	1:76:A:ARG:HG2	4	0.38
(15,1522)	1:69:A:MET:HE1	1:76:A:ARG:HG3	4	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1522)	1:69:A:MET:HE2	1:76:A:ARG:HG2	4	0.38
(15,1522)	1:69:A:MET:HE2	1:76:A:ARG:HG3	4	0.38
(15,1522)	1:69:A:MET:HE3	1:76:A:ARG:HG2	4	0.38
(15,1522)	1:69:A:MET:HE3	1:76:A:ARG:HG3	4	0.38
(15,1521)	1:66:A:THR:HG21	1:69:A:MET:HE1	6	0.38
(15,1521)	1:66:A:THR:HG21	1:69:A:MET:HE2	6	0.38
(15,1521)	1:66:A:THR:HG21	1:69:A:MET:HE3	6	0.38
(15,1521)	1:66:A:THR:HG22	1:69:A:MET:HE1	6	0.38
(15,1521)	1:66:A:THR:HG22	1:69:A:MET:HE2	6	0.38
(15,1521)	1:66:A:THR:HG22	1:69:A:MET:HE3	6	0.38
(15,1521)	1:66:A:THR:HG23	1:69:A:MET:HE1	6	0.38
(15,1521)	1:66:A:THR:HG23	1:69:A:MET:HE2	6	0.38
(15,1521)	1:66:A:THR:HG23	1:69:A:MET:HE3	6	0.38
(15,1451)	1:15:A:ALA:HB1	1:132:A:ALA:HA	12	0.38
(15,1451)	1:15:A:ALA:HB2	1:132:A:ALA:HA	12	0.38
(15,1451)	1:15:A:ALA:HB3	1:132:A:ALA:HA	12	0.38
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	7	0.38
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	7	0.38
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	7	0.38
(15,1199)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	11	0.38
(15,1199)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	11	0.38
(15,1199)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	11	0.38
(15,1199)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	11	0.38
(15,1199)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	11	0.38
(15,1199)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	11	0.38
(15,1199)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	11	0.38
(15,1199)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	11	0.38
(15,1199)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	11	0.38
(15,1089)	1:141:A:LYS:HA	1:148:A:CYS:HB3	11	0.38
(15,1060)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	19	0.38
(15,1060)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	19	0.38
(15,894)	1:69:A:MET:HE1	1:73:A:ILE:HB	2	0.38
(15,894)	1:69:A:MET:HE2	1:73:A:ILE:HB	2	0.38
(15,894)	1:69:A:MET:HE3	1:73:A:ILE:HB	2	0.38
(15,843)	1:48:A:ARG:HA	1:48:A:ARG:HD2	1	0.38
(15,843)	1:48:A:ARG:HA	1:48:A:ARG:HD3	1	0.38
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	18	0.38
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	18	0.38
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	18	0.38
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	18	0.38
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	18	0.38
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	18	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	18	0.38
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	18	0.38
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	18	0.38
(15,794)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	11	0.38
(15,794)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	11	0.38
(15,794)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	11	0.38
(15,794)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	11	0.38
(15,794)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	11	0.38
(15,794)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	11	0.38
(15,794)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	19	0.38
(15,794)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	19	0.38
(15,794)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	19	0.38
(15,794)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	19	0.38
(15,794)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	19	0.38
(15,794)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	19	0.38
(15,760)	1:141:A:LYS:H	1:143:A:TRP:HB2	8	0.38
(15,448)	1:76:A:ARG:H	1:77:A:CYS:HB2	12	0.38
(15,267)	1:27:A:ARG:HB3	1:29:A:LYS:H	12	0.38
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB1	2	0.38
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB2	2	0.38
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB3	2	0.38
(15,184)	1:93:A:GLU:H	1:93:A:GLU:HG2	6	0.38
(15,184)	1:93:A:GLU:H	1:93:A:GLU:HG3	6	0.38
(15,106)	1:63:A:ILE:H	1:63:A:ILE:HG13	17	0.38
(15,63)	1:34:A:LYS:H	1:81:A:GLU:H	18	0.38
(13,2381)	1:124:A:THR:H	1:127:A:CYS:HB2	2	0.38
(13,2381)	1:124:A:THR:H	1:127:A:CYS:HB3	2	0.38
(13,2310)	1:107:A:LEU:HD11	1:112:A:GLN:H	5	0.38
(13,2310)	1:107:A:LEU:HD12	1:112:A:GLN:H	5	0.38
(13,2310)	1:107:A:LEU:HD13	1:112:A:GLN:H	5	0.38
(13,2310)	1:107:A:LEU:HD21	1:112:A:GLN:H	5	0.38
(13,2310)	1:107:A:LEU:HD22	1:112:A:GLN:H	5	0.38
(13,2310)	1:107:A:LEU:HD23	1:112:A:GLN:H	5	0.38
(13,2195)	1:65:A:CYS:HB2	1:69:A:MET:HE1	16	0.38
(13,2195)	1:65:A:CYS:HB2	1:69:A:MET:HE2	16	0.38
(13,2195)	1:65:A:CYS:HB2	1:69:A:MET:HE3	16	0.38
(13,2195)	1:65:A:CYS:HB3	1:69:A:MET:HE1	16	0.38
(13,2195)	1:65:A:CYS:HB3	1:69:A:MET:HE2	16	0.38
(13,2195)	1:65:A:CYS:HB3	1:69:A:MET:HE3	16	0.38
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	11	0.38
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	11	0.38
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	11	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	11	0.38
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	11	0.38
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	11	0.38
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	11	0.38
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	11	0.38
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	11	0.38
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	11	0.38
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	11	0.38
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	11	0.38
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	16	0.38
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	16	0.38
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	16	0.38
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	16	0.38
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	16	0.38
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	16	0.38
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	16	0.38
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	16	0.38
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	16	0.38
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	16	0.38
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	16	0.38
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	16	0.38
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	16	0.38
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	16	0.38
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	16	0.38
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	16	0.38
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	16	0.38
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	16	0.38
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	16	0.38
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	16	0.38
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	16	0.38
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	16	0.38
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	16	0.38
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	16	0.38
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	16	0.38
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	16	0.38
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	16	0.38
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	16	0.38
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	16	0.38
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	16	0.38
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	16	0.38
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	16	0.38
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	16	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	16	0.38
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	16	0.38
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	16	0.38
(13,1908)	1:10:A:ASN:HD21	1:80:A:TYR:HB3	9	0.38
(13,1908)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	9	0.38
(13,1826)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	7	0.38
(13,1826)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	7	0.38
(13,1818)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	17	0.38
(13,1818)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	17	0.38
(13,1808)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	8	0.38
(13,1808)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	8	0.38
(13,1808)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	8	0.38
(13,1808)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	8	0.38
(13,1808)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	8	0.38
(13,1808)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	8	0.38
(13,1781)	1:9:A:PHE:HZ	1:11:A:ILE:HB	2	0.38
(13,1731)	1:57:A:LEU:HG	1:60:A:LEU:HG	6	0.38
(13,1670)	1:43:A:MET:HG2	1:43:A:MET:HE1	2	0.38
(13,1670)	1:43:A:MET:HG2	1:43:A:MET:HE2	2	0.38
(13,1670)	1:43:A:MET:HG2	1:43:A:MET:HE3	2	0.38
(13,1577)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	10	0.38
(13,1577)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	10	0.38
(13,1577)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	10	0.38
(13,1577)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	10	0.38
(13,1577)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	10	0.38
(13,1577)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	10	0.38
(13,1575)	1:73:A:ILE:HG21	1:76:A:ARG:H	5	0.38
(13,1575)	1:73:A:ILE:HG22	1:76:A:ARG:H	5	0.38
(13,1575)	1:73:A:ILE:HG23	1:76:A:ARG:H	5	0.38
(13,1267)	1:128:A:LEU:H	1:128:A:LEU:HD21	2	0.38
(13,1267)	1:128:A:LEU:H	1:128:A:LEU:HD22	2	0.38
(13,1267)	1:128:A:LEU:H	1:128:A:LEU:HD23	2	0.38
(13,1046)	1:71:A:LYS:HG3	1:72:A:PHE:HA	2	0.38
(13,826)	1:48:A:ARG:HA	1:48:A:ARG:HD2	1	0.38
(13,826)	1:48:A:ARG:HA	1:48:A:ARG:HD3	1	0.38
(13,823)	1:45:A:ALA:HA	1:48:A:ARG:HD2	4	0.38
(13,823)	1:45:A:ALA:HA	1:48:A:ARG:HD3	4	0.38
(13,791)	1:32:A:GLY:HA2	1:33:A:LYS:H	6	0.38
(13,743)	1:141:A:LYS:H	1:143:A:TRP:HB2	8	0.38
(13,727)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	15	0.38
(13,727)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	15	0.38
(13,579)	1:126:A:GLY:H	1:128:A:LEU:HB2	7	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,505)	1:70:A:LYS:HE2	1:71:A:LYS:H	8	0.38
(13,505)	1:70:A:LYS:HE3	1:71:A:LYS:H	8	0.38
(13,370)	1:40:A:LEU:HB2	1:41:A:LYS:H	12	0.38
(13,246)	1:58:A:ILE:H	1:58:A:ILE:HG13	17	0.38
(13,218)	1:48:A:ARG:H	1:48:A:ARG:HG2	16	0.38
(13,218)	1:48:A:ARG:H	1:48:A:ARG:HG3	16	0.38
(13,98)	1:63:A:ILE:H	1:63:A:ILE:HG13	17	0.38
(11,2417)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	5	0.38
(11,2417)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	5	0.38
(11,2417)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	5	0.38
(11,2417)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	5	0.38
(11,2417)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	5	0.38
(11,2417)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	5	0.38
(11,2417)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	5	0.38
(11,2417)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	5	0.38
(11,2417)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	5	0.38
(11,2417)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	5	0.38
(11,2417)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	5	0.38
(11,2417)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	5	0.38
(11,2417)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	18	0.38
(11,2417)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	18	0.38
(11,2417)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	18	0.38
(11,2417)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	18	0.38
(11,2417)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	18	0.38
(11,2417)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	18	0.38
(11,2417)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	18	0.38
(11,2417)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	18	0.38
(11,2417)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	18	0.38
(11,2417)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	18	0.38
(11,2417)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	18	0.38
(11,2417)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	18	0.38
(11,2303)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	7	0.38
(11,2303)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	7	0.38
(11,2303)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	7	0.38
(11,2303)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	7	0.38
(11,2303)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	7	0.38
(11,2303)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	7	0.38
(11,2303)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	7	0.38
(11,2303)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	7	0.38
(11,2303)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	7	0.38
(11,2303)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	7	0.38
(11,2303)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	7	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2303)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	7	0.38
(11,2281)	1:75:A:GLY:H	1:76:A:ARG:HB2	3	0.38
(11,2281)	1:75:A:GLY:H	1:76:A:ARG:HB3	3	0.38
(11,2094)	1:35:A:LEU:HD11	1:143:A:TRP:HA	14	0.38
(11,2094)	1:35:A:LEU:HD12	1:143:A:TRP:HA	14	0.38
(11,2094)	1:35:A:LEU:HD13	1:143:A:TRP:HA	14	0.38
(11,2094)	1:35:A:LEU:HD21	1:143:A:TRP:HA	14	0.38
(11,2094)	1:35:A:LEU:HD22	1:143:A:TRP:HA	14	0.38
(11,2094)	1:35:A:LEU:HD23	1:143:A:TRP:HA	14	0.38
(11,2073)	1:32:A:GLY:HA2	1:34:A:LYS:H	14	0.38
(11,2073)	1:32:A:GLY:HA3	1:34:A:LYS:H	14	0.38
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD11	5	0.38
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD12	5	0.38
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD13	5	0.38
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD21	5	0.38
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD22	5	0.38
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD23	5	0.38
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD11	5	0.38
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD12	5	0.38
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD13	5	0.38
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD21	5	0.38
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD22	5	0.38
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD23	5	0.38
(11,1997)	1:12:A:VAL:HG11	1:43:A:MET:HE1	9	0.38
(11,1997)	1:12:A:VAL:HG11	1:43:A:MET:HE2	9	0.38
(11,1997)	1:12:A:VAL:HG11	1:43:A:MET:HE3	9	0.38
(11,1997)	1:12:A:VAL:HG12	1:43:A:MET:HE1	9	0.38
(11,1997)	1:12:A:VAL:HG12	1:43:A:MET:HE2	9	0.38
(11,1997)	1:12:A:VAL:HG12	1:43:A:MET:HE3	9	0.38
(11,1997)	1:12:A:VAL:HG13	1:43:A:MET:HE1	9	0.38
(11,1997)	1:12:A:VAL:HG13	1:43:A:MET:HE2	9	0.38
(11,1997)	1:12:A:VAL:HG13	1:43:A:MET:HE3	9	0.38
(11,1997)	1:12:A:VAL:HG21	1:43:A:MET:HE1	9	0.38
(11,1997)	1:12:A:VAL:HG21	1:43:A:MET:HE2	9	0.38
(11,1997)	1:12:A:VAL:HG21	1:43:A:MET:HE3	9	0.38
(11,1997)	1:12:A:VAL:HG22	1:43:A:MET:HE1	9	0.38
(11,1997)	1:12:A:VAL:HG22	1:43:A:MET:HE2	9	0.38
(11,1997)	1:12:A:VAL:HG22	1:43:A:MET:HE3	9	0.38
(11,1997)	1:12:A:VAL:HG23	1:43:A:MET:HE1	9	0.38
(11,1997)	1:12:A:VAL:HG23	1:43:A:MET:HE2	9	0.38
(11,1997)	1:12:A:VAL:HG23	1:43:A:MET:HE3	9	0.38
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	10	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	10	0.38
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	10	0.38
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	10	0.38
(11,1925)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	7	0.38
(11,1925)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	7	0.38
(11,1925)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	7	0.38
(11,1925)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	7	0.38
(11,1925)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	7	0.38
(11,1925)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	7	0.38
(11,1896)	1:72:A:PHE:HD1	1:109:A:PRO:HD2	11	0.38
(11,1896)	1:72:A:PHE:HD2	1:109:A:PRO:HD2	11	0.38
(11,1849)	1:9:A:PHE:HZ	1:11:A:ILE:HB	2	0.38
(11,1822)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	14	0.38
(11,1822)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	14	0.38
(11,1822)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	14	0.38
(11,1822)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	14	0.38
(11,1822)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	14	0.38
(11,1822)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	14	0.38
(11,1812)	1:144:A:LEU:HA	1:144:A:LEU:HD11	17	0.38
(11,1812)	1:144:A:LEU:HA	1:144:A:LEU:HD12	17	0.38
(11,1812)	1:144:A:LEU:HA	1:144:A:LEU:HD13	17	0.38
(11,1799)	1:57:A:LEU:HG	1:60:A:LEU:HG	6	0.38
(11,1755)	1:14:A:VAL:H	1:79:A:THR:HG21	6	0.38
(11,1755)	1:14:A:VAL:H	1:79:A:THR:HG22	6	0.38
(11,1755)	1:14:A:VAL:H	1:79:A:THR:HG23	6	0.38
(11,1679)	1:97:A:ASP:HB2	1:102:A:PRO:HA	4	0.38
(11,1679)	1:97:A:ASP:HB3	1:102:A:PRO:HA	4	0.38
(11,1640)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	10	0.38
(11,1640)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	10	0.38
(11,1640)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	10	0.38
(11,1640)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	10	0.38
(11,1640)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	10	0.38
(11,1640)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	10	0.38
(11,1638)	1:73:A:ILE:HG21	1:76:A:ARG:H	5	0.38
(11,1638)	1:73:A:ILE:HG22	1:76:A:ARG:H	5	0.38
(11,1638)	1:73:A:ILE:HG23	1:76:A:ARG:H	5	0.38
(11,1615)	1:98:A:ILE:HG21	1:116:A:GLN:H	16	0.38
(11,1615)	1:98:A:ILE:HG22	1:116:A:GLN:H	16	0.38
(11,1615)	1:98:A:ILE:HG23	1:116:A:GLN:H	16	0.38
(11,1384)	1:39:A:VAL:HG11	1:144:A:LEU:H	6	0.38
(11,1384)	1:39:A:VAL:HG12	1:144:A:LEU:H	6	0.38
(11,1384)	1:39:A:VAL:HG13	1:144:A:LEU:H	6	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1383)	1:21:A:THR:HG21	1:23:A:LEU:HD11	17	0.38
(11,1383)	1:21:A:THR:HG21	1:23:A:LEU:HD12	17	0.38
(11,1383)	1:21:A:THR:HG21	1:23:A:LEU:HD13	17	0.38
(11,1383)	1:21:A:THR:HG22	1:23:A:LEU:HD11	17	0.38
(11,1383)	1:21:A:THR:HG22	1:23:A:LEU:HD12	17	0.38
(11,1383)	1:21:A:THR:HG22	1:23:A:LEU:HD13	17	0.38
(11,1383)	1:21:A:THR:HG23	1:23:A:LEU:HD11	17	0.38
(11,1383)	1:21:A:THR:HG23	1:23:A:LEU:HD12	17	0.38
(11,1383)	1:21:A:THR:HG23	1:23:A:LEU:HD13	17	0.38
(11,1228)	1:69:A:MET:HE1	1:110:A:MET:HA	10	0.38
(11,1228)	1:69:A:MET:HE2	1:110:A:MET:HA	10	0.38
(11,1228)	1:69:A:MET:HE3	1:110:A:MET:HA	10	0.38
(11,1126)	1:41:A:LYS:HA	1:44:A:GLU:HG3	4	0.38
(11,1066)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	19	0.38
(11,1066)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	19	0.38
(11,1041)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	6	0.38
(11,1029)	1:34:A:LYS:H	1:81:A:GLU:HB3	4	0.38
(11,1025)	1:34:A:LYS:H	1:81:A:GLU:HB2	1	0.38
(11,980)	1:46:A:ASN:HB2	1:134:A:VAL:HB	9	0.38
(11,840)	1:48:A:ARG:HA	1:48:A:ARG:HD2	1	0.38
(11,840)	1:48:A:ARG:HA	1:48:A:ARG:HD3	1	0.38
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	7	0.38
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	7	0.38
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	7	0.38
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	7	0.38
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	7	0.38
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	7	0.38
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	7	0.38
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	7	0.38
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	7	0.38
(11,742)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	15	0.38
(11,742)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	15	0.38
(11,587)	1:126:A:GLY:H	1:128:A:LEU:HB2	7	0.38
(11,555)	1:73:A:ILE:HD11	1:110:A:MET:H	11	0.38
(11,555)	1:73:A:ILE:HD12	1:110:A:MET:H	11	0.38
(11,555)	1:73:A:ILE:HD13	1:110:A:MET:H	11	0.38
(11,511)	1:70:A:LYS:HE2	1:71:A:LYS:H	8	0.38
(11,511)	1:70:A:LYS:HE3	1:71:A:LYS:H	8	0.38
(11,379)	1:40:A:LEU:HB3	1:41:A:LYS:H	15	0.38
(11,321)	1:56:A:CYS:HA	1:122:A:ASP:H	6	0.38
(11,178)	1:93:A:GLU:H	1:93:A:GLU:HG2	6	0.38
(11,178)	1:93:A:GLU:H	1:93:A:GLU:HG3	6	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,101)	1:63:A:ILE:H	1:63:A:ILE:HG13	17	0.38
(11,64)	1:34:A:LYS:H	1:81:A:GLU:H	18	0.38
(9,2411)	1:141:A:LYS:H	1:148:A:CYS:HB2	11	0.38
(9,2411)	1:141:A:LYS:H	1:148:A:CYS:HB3	11	0.38
(9,2272)	1:107:A:LEU:HD11	1:112:A:GLN:H	5	0.38
(9,2272)	1:107:A:LEU:HD12	1:112:A:GLN:H	5	0.38
(9,2272)	1:107:A:LEU:HD13	1:112:A:GLN:H	5	0.38
(9,2272)	1:107:A:LEU:HD21	1:112:A:GLN:H	5	0.38
(9,2272)	1:107:A:LEU:HD22	1:112:A:GLN:H	5	0.38
(9,2272)	1:107:A:LEU:HD23	1:112:A:GLN:H	5	0.38
(9,2269)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	5	0.38
(9,2269)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	5	0.38
(9,2269)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	5	0.38
(9,2269)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	5	0.38
(9,2269)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	5	0.38
(9,2269)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	5	0.38
(9,2269)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	5	0.38
(9,2269)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	5	0.38
(9,2269)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	5	0.38
(9,2269)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	5	0.38
(9,2269)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	5	0.38
(9,2269)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	5	0.38
(9,2218)	1:75:A:GLY:H	1:76:A:ARG:HB2	3	0.38
(9,2218)	1:75:A:GLY:H	1:76:A:ARG:HB3	3	0.38
(9,2163)	1:60:A:LEU:HD11	1:61:A:SER:HB2	13	0.38
(9,2163)	1:60:A:LEU:HD11	1:61:A:SER:HB3	13	0.38
(9,2163)	1:60:A:LEU:HD12	1:61:A:SER:HB2	13	0.38
(9,2163)	1:60:A:LEU:HD12	1:61:A:SER:HB3	13	0.38
(9,2163)	1:60:A:LEU:HD13	1:61:A:SER:HB2	13	0.38
(9,2163)	1:60:A:LEU:HD13	1:61:A:SER:HB3	13	0.38
(9,2132)	1:47:A:ALA:H	1:134:A:VAL:HG11	15	0.38
(9,2132)	1:47:A:ALA:H	1:134:A:VAL:HG12	15	0.38
(9,2132)	1:47:A:ALA:H	1:134:A:VAL:HG13	15	0.38
(9,2132)	1:47:A:ALA:H	1:134:A:VAL:HG21	15	0.38
(9,2132)	1:47:A:ALA:H	1:134:A:VAL:HG22	15	0.38
(9,2132)	1:47:A:ALA:H	1:134:A:VAL:HG23	15	0.38
(9,1814)	1:9:A:PHE:HZ	1:11:A:ILE:HB	2	0.38
(9,1729)	1:18:A:PHE:HB2	1:132:A:ALA:HA	13	0.38
(9,1729)	1:18:A:PHE:HB3	1:132:A:ALA:HA	13	0.38
(9,1703)	1:67:A:PRO:HD2	1:95:A:ILE:HA	5	0.38
(9,1693)	1:43:A:MET:HG2	1:43:A:MET:HE1	2	0.38
(9,1693)	1:43:A:MET:HG2	1:43:A:MET:HE2	2	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1693)	1:43:A:MET:HG2	1:43:A:MET:HE3	2	0.38
(9,1678)	1:69:A:MET:HA	1:109:A:PRO:HA	5	0.38
(9,1635)	1:97:A:ASP:HB2	1:99:A:PRO:HA	6	0.38
(9,1635)	1:97:A:ASP:HB3	1:99:A:PRO:HA	6	0.38
(9,1602)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	10	0.38
(9,1602)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	10	0.38
(9,1602)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	10	0.38
(9,1602)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	10	0.38
(9,1602)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	10	0.38
(9,1602)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	10	0.38
(9,1600)	1:73:A:ILE:HG21	1:76:A:ARG:H	5	0.38
(9,1600)	1:73:A:ILE:HG22	1:76:A:ARG:H	5	0.38
(9,1600)	1:73:A:ILE:HG23	1:76:A:ARG:H	5	0.38
(9,1581)	1:98:A:ILE:HG21	1:116:A:GLN:H	16	0.38
(9,1581)	1:98:A:ILE:HG22	1:116:A:GLN:H	16	0.38
(9,1581)	1:98:A:ILE:HG23	1:116:A:GLN:H	16	0.38
(9,1574)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	6	0.38
(9,1574)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	6	0.38
(9,1574)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	6	0.38
(9,1548)	1:39:A:VAL:H	1:139:A:LEU:HD11	1	0.38
(9,1548)	1:39:A:VAL:H	1:139:A:LEU:HD12	1	0.38
(9,1548)	1:39:A:VAL:H	1:139:A:LEU:HD13	1	0.38
(9,1432)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	19	0.38
(9,1432)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	19	0.38
(9,1432)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	19	0.38
(9,1216)	1:69:A:MET:HE1	1:110:A:MET:HA	10	0.38
(9,1216)	1:69:A:MET:HE2	1:110:A:MET:HA	10	0.38
(9,1216)	1:69:A:MET:HE3	1:110:A:MET:HA	10	0.38
(9,1119)	1:41:A:LYS:HA	1:44:A:GLU:HG3	4	0.38
(9,1066)	1:54:A:ARG:HA	1:58:A:ILE:HG13	8	0.38
(9,1026)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	6	0.38
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB2	18	0.38
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB3	18	0.38
(9,910)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	19	0.38
(9,839)	1:48:A:ARG:HA	1:48:A:ARG:HD2	1	0.38
(9,839)	1:48:A:ARG:HA	1:48:A:ARG:HD3	1	0.38
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	19	0.38
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	19	0.38
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	19	0.38
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	19	0.38
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	19	0.38
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	19	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,757)	1:37:A:LEU:H	1:40:A:LEU:HB3	8	0.38
(9,649)	1:79:A:THR:H	1:80:A:TYR:HD1	4	0.38
(9,649)	1:79:A:THR:H	1:80:A:TYR:HD2	4	0.38
(9,516)	1:70:A:LYS:HE2	1:71:A:LYS:H	8	0.38
(9,516)	1:70:A:LYS:HE3	1:71:A:LYS:H	8	0.38
(9,440)	1:68:A:LYS:H	1:68:A:LYS:HE2	17	0.38
(9,440)	1:68:A:LYS:H	1:68:A:LYS:HE3	17	0.38
(9,328)	1:56:A:CYS:HA	1:122:A:ASP:H	6	0.38
(9,182)	1:93:A:GLU:H	1:93:A:GLU:HG2	6	0.38
(9,182)	1:93:A:GLU:H	1:93:A:GLU:HG3	6	0.38
(9,101)	1:63:A:ILE:H	1:63:A:ILE:HG13	17	0.38
(7,2423)	1:134:A:VAL:HG11	1:137:A:SER:H	14	0.38
(7,2423)	1:134:A:VAL:HG12	1:137:A:SER:H	14	0.38
(7,2423)	1:134:A:VAL:HG13	1:137:A:SER:H	14	0.38
(7,2423)	1:134:A:VAL:HG21	1:137:A:SER:H	14	0.38
(7,2423)	1:134:A:VAL:HG22	1:137:A:SER:H	14	0.38
(7,2423)	1:134:A:VAL:HG23	1:137:A:SER:H	14	0.38
(7,2276)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	5	0.38
(7,2276)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	5	0.38
(7,2276)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	5	0.38
(7,2276)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	5	0.38
(7,2276)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	5	0.38
(7,2276)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	5	0.38
(7,2276)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	5	0.38
(7,2276)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	5	0.38
(7,2276)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	5	0.38
(7,2276)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	5	0.38
(7,2276)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	5	0.38
(7,2276)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	5	0.38
(7,2276)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	5	0.38
(7,2276)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	5	0.38
(7,2276)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	5	0.38
(7,2276)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	5	0.38
(7,2276)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	5	0.38
(7,2276)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	5	0.38
(7,2262)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	7	0.38
(7,2262)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	7	0.38
(7,2262)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	7	0.38
(7,2262)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	7	0.38
(7,2262)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	7	0.38
(7,2262)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	7	0.38
(7,2242)	1:75:A:GLY:H	1:76:A:ARG:HB2	3	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2242)	1:75:A:GLY:H	1:76:A:ARG:HB3	3	0.38
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG11	12	0.38
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG12	12	0.38
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG13	12	0.38
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG21	12	0.38
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG22	12	0.38
(7,2123)	1:43:A:MET:HE1	1:134:A:VAL:HG23	12	0.38
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG11	12	0.38
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG12	12	0.38
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG13	12	0.38
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG21	12	0.38
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG22	12	0.38
(7,2123)	1:43:A:MET:HE2	1:134:A:VAL:HG23	12	0.38
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG11	12	0.38
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG12	12	0.38
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG13	12	0.38
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG21	12	0.38
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG22	12	0.38
(7,2123)	1:43:A:MET:HE3	1:134:A:VAL:HG23	12	0.38
(7,2040)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	7	0.38
(7,2040)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	7	0.38
(7,2040)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	7	0.38
(7,2040)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	7	0.38
(7,2040)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	7	0.38
(7,2040)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	7	0.38
(7,2000)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	14	0.38
(7,2000)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	14	0.38
(7,2000)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	14	0.38
(7,2000)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	14	0.38
(7,1930)	1:13:A:ALA:H	1:40:A:LEU:HD11	10	0.38
(7,1930)	1:13:A:ALA:H	1:40:A:LEU:HD12	10	0.38
(7,1930)	1:13:A:ALA:H	1:40:A:LEU:HD13	10	0.38
(7,1930)	1:13:A:ALA:H	1:40:A:LEU:HD21	10	0.38
(7,1930)	1:13:A:ALA:H	1:40:A:LEU:HD22	10	0.38
(7,1930)	1:13:A:ALA:H	1:40:A:LEU:HD23	10	0.38
(7,1905)	1:10:A:ASN:HB2	1:79:A:THR:HB	19	0.38
(7,1905)	1:10:A:ASN:HB3	1:79:A:THR:HB	19	0.38
(7,1838)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	7	0.38
(7,1838)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	7	0.38
(7,1789)	1:9:A:PHE:HZ	1:11:A:ILE:HB	2	0.38
(7,1616)	1:97:A:ASP:HB2	1:102:A:PRO:HA	4	0.38
(7,1616)	1:97:A:ASP:HB3	1:102:A:PRO:HA	4	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1582)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	10	0.38
(7,1582)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	10	0.38
(7,1582)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	10	0.38
(7,1582)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	10	0.38
(7,1582)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	10	0.38
(7,1582)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	10	0.38
(7,1580)	1:73:A:ILE:HG21	1:76:A:ARG:H	5	0.38
(7,1580)	1:73:A:ILE:HG22	1:76:A:ARG:H	5	0.38
(7,1580)	1:73:A:ILE:HG23	1:76:A:ARG:H	5	0.38
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG21	9	0.38
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG22	9	0.38
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG23	9	0.38
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	1	0.38
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	1	0.38
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	1	0.38
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	3	0.38
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	3	0.38
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	3	0.38
(7,1483)	1:43:A:MET:H	1:43:A:MET:HE1	16	0.38
(7,1483)	1:43:A:MET:H	1:43:A:MET:HE2	16	0.38
(7,1483)	1:43:A:MET:H	1:43:A:MET:HE3	16	0.38
(7,1348)	1:39:A:VAL:HG11	1:144:A:LEU:H	6	0.38
(7,1348)	1:39:A:VAL:HG12	1:144:A:LEU:H	6	0.38
(7,1348)	1:39:A:VAL:HG13	1:144:A:LEU:H	6	0.38
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD11	2	0.38
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD12	2	0.38
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD13	2	0.38
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD11	2	0.38
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD12	2	0.38
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD13	2	0.38
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD11	2	0.38
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD12	2	0.38
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD13	2	0.38
(7,1248)	1:15:A:ALA:HA	1:131:A:LEU:HB2	5	0.38
(7,1192)	1:69:A:MET:HE1	1:110:A:MET:HA	10	0.38
(7,1192)	1:69:A:MET:HE2	1:110:A:MET:HA	10	0.38
(7,1192)	1:69:A:MET:HE3	1:110:A:MET:HA	10	0.38
(7,1183)	1:13:A:ALA:H	1:40:A:LEU:HD21	18	0.38
(7,1183)	1:13:A:ALA:H	1:40:A:LEU:HD22	18	0.38
(7,1183)	1:13:A:ALA:H	1:40:A:LEU:HD23	18	0.38
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	17	0.38
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	17	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,920)	1:79:A:THR:HG21	1:81:A:GLU:HG2	8	0.38
(7,920)	1:79:A:THR:HG21	1:81:A:GLU:HG3	8	0.38
(7,920)	1:79:A:THR:HG22	1:81:A:GLU:HG2	8	0.38
(7,920)	1:79:A:THR:HG22	1:81:A:GLU:HG3	8	0.38
(7,920)	1:79:A:THR:HG23	1:81:A:GLU:HG2	8	0.38
(7,920)	1:79:A:THR:HG23	1:81:A:GLU:HG3	8	0.38
(7,918)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	6	0.38
(7,918)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	6	0.38
(7,918)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	6	0.38
(7,918)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	6	0.38
(7,916)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	17	0.38
(7,916)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	17	0.38
(7,911)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	16	0.38
(7,911)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	16	0.38
(7,911)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	16	0.38
(7,911)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	16	0.38
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB2	1	0.38
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB3	1	0.38
(7,831)	1:48:A:ARG:HA	1:48:A:ARG:HD2	1	0.38
(7,831)	1:48:A:ARG:HA	1:48:A:ARG:HD3	1	0.38
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD11	19	0.38
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD12	19	0.38
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD13	19	0.38
(7,749)	1:141:A:LYS:H	1:143:A:TRP:HB2	8	0.38
(7,733)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	15	0.38
(7,733)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	15	0.38
(7,731)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	17	0.38
(7,629)	1:9:A:PHE:HZ	1:58:A:ILE:H	15	0.38
(7,512)	1:70:A:LYS:HE2	1:71:A:LYS:H	8	0.38
(7,512)	1:70:A:LYS:HE3	1:71:A:LYS:H	8	0.38
(7,361)	1:70:A:LYS:H	1:70:A:LYS:HE2	8	0.38
(7,361)	1:70:A:LYS:H	1:70:A:LYS:HE3	8	0.38
(7,269)	1:108:A:GLU:H	1:112:A:GLN:H	5	0.38
(7,233)	1:44:A:GLU:HG3	1:48:A:ARG:H	18	0.38
(7,179)	1:93:A:GLU:H	1:93:A:GLU:HG2	6	0.38
(7,179)	1:93:A:GLU:H	1:93:A:GLU:HG3	6	0.38
(7,75)	1:15:A:ALA:HA	1:19:A:ALA:H	13	0.38
(7,28)	1:13:A:ALA:H	1:40:A:LEU:HD11	17	0.38
(7,28)	1:13:A:ALA:H	1:40:A:LEU:HD12	17	0.38
(7,28)	1:13:A:ALA:H	1:40:A:LEU:HD13	17	0.38
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG11	19	0.38
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG12	19	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG13	19	0.38
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG21	19	0.38
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG22	19	0.38
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG23	19	0.38
(6,2333)	1:107:A:LEU:HD11	1:112:A:GLN:H	5	0.38
(6,2333)	1:107:A:LEU:HD12	1:112:A:GLN:H	5	0.38
(6,2333)	1:107:A:LEU:HD13	1:112:A:GLN:H	5	0.38
(6,2333)	1:107:A:LEU:HD21	1:112:A:GLN:H	5	0.38
(6,2333)	1:107:A:LEU:HD22	1:112:A:GLN:H	5	0.38
(6,2333)	1:107:A:LEU:HD23	1:112:A:GLN:H	5	0.38
(6,2302)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	5	0.38
(6,2302)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	5	0.38
(6,2302)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	5	0.38
(6,2302)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	5	0.38
(6,2302)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	5	0.38
(6,2302)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	5	0.38
(6,2302)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	5	0.38
(6,2302)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	5	0.38
(6,2302)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	5	0.38
(6,2302)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	5	0.38
(6,2302)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	5	0.38
(6,2302)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	5	0.38
(6,2302)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	5	0.38
(6,2302)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	5	0.38
(6,2302)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	5	0.38
(6,2302)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	5	0.38
(6,2302)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	5	0.38
(6,2302)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	5	0.38
(6,2300)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.38
(6,2300)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.38
(6,2300)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.38
(6,2300)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.38
(6,2300)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.38
(6,2300)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.38
(6,2289)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	7	0.38
(6,2289)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	7	0.38
(6,2289)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	7	0.38
(6,2289)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	7	0.38
(6,2289)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	7	0.38
(6,2289)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	7	0.38
(6,2269)	1:75:A:GLY:H	1:76:A:ARG:HB2	3	0.38
(6,2269)	1:75:A:GLY:H	1:76:A:ARG:HB3	3	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2249)	1:69:A:MET:HG2	1:109:A:PRO:HA	10	0.38
(6,2249)	1:69:A:MET:HG3	1:109:A:PRO:HA	10	0.38
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	19	0.38
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	19	0.38
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	19	0.38
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	19	0.38
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	19	0.38
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	19	0.38
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	19	0.38
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	19	0.38
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	19	0.38
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	19	0.38
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	19	0.38
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	19	0.38
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	19	0.38
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	19	0.38
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	19	0.38
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	19	0.38
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	19	0.38
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	19	0.38
(6,2210)	1:60:A:LEU:HD11	1:61:A:SER:HB2	10	0.38
(6,2210)	1:60:A:LEU:HD11	1:61:A:SER:HB3	10	0.38
(6,2210)	1:60:A:LEU:HD12	1:61:A:SER:HB2	10	0.38
(6,2210)	1:60:A:LEU:HD12	1:61:A:SER:HB3	10	0.38
(6,2210)	1:60:A:LEU:HD13	1:61:A:SER:HB2	10	0.38
(6,2210)	1:60:A:LEU:HD13	1:61:A:SER:HB3	10	0.38
(6,2029)	1:17:A:ASN:HD21	1:79:A:THR:H	5	0.38
(6,2029)	1:17:A:ASN:HD22	1:79:A:THR:H	5	0.38
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	9	0.38
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	9	0.38
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	9	0.38
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG21	9	0.38
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG22	9	0.38
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG23	9	0.38
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	6	0.38
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	6	0.38
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	6	0.38
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	6	0.38
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	6	0.38
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	6	0.38
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	6	0.38
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	6	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	6	0.38
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	6	0.38
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	6	0.38
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	6	0.38
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	6	0.38
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	6	0.38
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	6	0.38
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	6	0.38
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	6	0.38
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	6	0.38
(6,1872)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	7	0.38
(6,1872)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	7	0.38
(6,1869)	1:113:A:PHE:HE1	1:114:A:ILE:HA	9	0.38
(6,1869)	1:113:A:PHE:HE2	1:114:A:ILE:HA	9	0.38
(6,1826)	1:9:A:PHE:HZ	1:11:A:ILE:HB	2	0.38
(6,1775)	1:65:A:CYS:HB2	1:69:A:MET:HE1	17	0.38
(6,1775)	1:65:A:CYS:HB2	1:69:A:MET:HE2	17	0.38
(6,1775)	1:65:A:CYS:HB2	1:69:A:MET:HE3	17	0.38
(6,1769)	1:57:A:LEU:HG	1:60:A:LEU:HG	6	0.38
(6,1712)	1:67:A:PRO:HD2	1:95:A:ILE:HA	5	0.38
(6,1659)	1:69:A:MET:HA	1:69:A:MET:HE1	6	0.38
(6,1659)	1:69:A:MET:HA	1:69:A:MET:HE2	6	0.38
(6,1659)	1:69:A:MET:HA	1:69:A:MET:HE3	6	0.38
(6,1647)	1:97:A:ASP:HB2	1:102:A:PRO:HA	4	0.38
(6,1647)	1:97:A:ASP:HB3	1:102:A:PRO:HA	4	0.38
(6,1608)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	10	0.38
(6,1608)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	10	0.38
(6,1608)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	10	0.38
(6,1608)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	10	0.38
(6,1608)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	10	0.38
(6,1608)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	10	0.38
(6,1606)	1:73:A:ILE:HG21	1:76:A:ARG:H	5	0.38
(6,1606)	1:73:A:ILE:HG22	1:76:A:ARG:H	5	0.38
(6,1606)	1:73:A:ILE:HG23	1:76:A:ARG:H	5	0.38
(6,1585)	1:98:A:ILE:HG21	1:116:A:GLN:H	16	0.38
(6,1585)	1:98:A:ILE:HG22	1:116:A:GLN:H	16	0.38
(6,1585)	1:98:A:ILE:HG23	1:116:A:GLN:H	16	0.38
(6,1578)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	16	0.38
(6,1578)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	16	0.38
(6,1578)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	16	0.38
(6,1457)	1:14:A:VAL:HB	1:15:A:ALA:HB1	19	0.38
(6,1457)	1:14:A:VAL:HB	1:15:A:ALA:HB2	19	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1457)	1:14:A:VAL:HB	1:15:A:ALA:HB3	19	0.38
(6,1433)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	19	0.38
(6,1433)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	19	0.38
(6,1433)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	19	0.38
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	11	0.38
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	11	0.38
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	11	0.38
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	11	0.38
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	11	0.38
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	11	0.38
(6,1094)	1:41:A:LYS:HA	1:44:A:GLU:HG2	11	0.38
(6,1053)	1:54:A:ARG:HA	1:58:A:ILE:HG13	8	0.38
(6,921)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	6	0.38
(6,921)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	6	0.38
(6,921)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	6	0.38
(6,921)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	6	0.38
(6,869)	1:14:A:VAL:HA	1:18:A:PHE:HB2	14	0.38
(6,833)	1:48:A:ARG:HA	1:48:A:ARG:HD2	1	0.38
(6,833)	1:48:A:ARG:HA	1:48:A:ARG:HD3	1	0.38
(6,801)	1:32:A:GLY:HA2	1:33:A:LYS:H	6	0.38
(6,776)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	13	0.38
(6,776)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	13	0.38
(6,776)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	13	0.38
(6,749)	1:141:A:LYS:H	1:143:A:TRP:HB2	8	0.38
(6,743)	1:43:A:MET:HE1	1:134:A:VAL:H	14	0.38
(6,743)	1:43:A:MET:HE2	1:134:A:VAL:H	14	0.38
(6,743)	1:43:A:MET:HE3	1:134:A:VAL:H	14	0.38
(6,731)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	17	0.38
(6,430)	1:68:A:LYS:H	1:68:A:LYS:HE2	17	0.38
(6,430)	1:68:A:LYS:H	1:68:A:LYS:HE3	17	0.38
(6,316)	1:56:A:CYS:HA	1:122:A:ASP:H	6	0.38
(6,230)	1:44:A:GLU:HG3	1:48:A:ARG:H	18	0.38
(6,100)	1:63:A:ILE:H	1:63:A:ILE:HG13	17	0.38
(5,2451)	1:141:A:LYS:H	1:148:A:CYS:HB2	11	0.38
(5,2451)	1:141:A:LYS:H	1:148:A:CYS:HB3	11	0.38
(5,2268)	1:75:A:GLY:H	1:76:A:ARG:HB2	3	0.38
(5,2268)	1:75:A:GLY:H	1:76:A:ARG:HB3	3	0.38
(5,2264)	1:73:A:ILE:HG21	1:109:A:PRO:HD2	11	0.38
(5,2264)	1:73:A:ILE:HG21	1:109:A:PRO:HD3	11	0.38
(5,2264)	1:73:A:ILE:HG22	1:109:A:PRO:HD2	11	0.38
(5,2264)	1:73:A:ILE:HG22	1:109:A:PRO:HD3	11	0.38
(5,2264)	1:73:A:ILE:HG23	1:109:A:PRO:HD2	11	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2264)	1:73:A:ILE:HG23	1:109:A:PRO:HD3	11	0.38
(5,2158)	1:46:A:ASN:HB2	1:134:A:VAL:H	1	0.38
(5,2158)	1:46:A:ASN:HB3	1:134:A:VAL:H	1	0.38
(5,2135)	1:43:A:MET:H	1:43:A:MET:HG2	9	0.38
(5,2135)	1:43:A:MET:H	1:43:A:MET:HG3	9	0.38
(5,2038)	1:29:A:LYS:HA	1:30:A:LEU:HD11	1	0.38
(5,2038)	1:29:A:LYS:HA	1:30:A:LEU:HD12	1	0.38
(5,2038)	1:29:A:LYS:HA	1:30:A:LEU:HD13	1	0.38
(5,2038)	1:29:A:LYS:HA	1:30:A:LEU:HD21	1	0.38
(5,2038)	1:29:A:LYS:HA	1:30:A:LEU:HD22	1	0.38
(5,2038)	1:29:A:LYS:HA	1:30:A:LEU:HD23	1	0.38
(5,2013)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	12	0.38
(5,2013)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	12	0.38
(5,2013)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	12	0.38
(5,2013)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	0.38
(5,2013)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	0.38
(5,2013)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	0.38
(5,2013)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	12	0.38
(5,2013)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	12	0.38
(5,2013)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	12	0.38
(5,2013)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	0.38
(5,2013)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	0.38
(5,2013)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	0.38
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	4	0.38
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	4	0.38
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	4	0.38
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD21	4	0.38
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD22	4	0.38
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD23	4	0.38
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	4	0.38
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	4	0.38
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	4	0.38
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD21	4	0.38
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD22	4	0.38
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD23	4	0.38
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	4	0.38
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	4	0.38
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	4	0.38
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD21	4	0.38
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD22	4	0.38
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD23	4	0.38
(5,1968)	1:11:A:ILE:HG21	1:43:A:MET:HG2	3	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1968)	1:11:A:ILE:HG21	1:43:A:MET:HG3	3	0.38
(5,1968)	1:11:A:ILE:HG22	1:43:A:MET:HG2	3	0.38
(5,1968)	1:11:A:ILE:HG22	1:43:A:MET:HG3	3	0.38
(5,1968)	1:11:A:ILE:HG23	1:43:A:MET:HG2	3	0.38
(5,1968)	1:11:A:ILE:HG23	1:43:A:MET:HG3	3	0.38
(5,1891)	1:113:A:PHE:HE1	1:114:A:ILE:HA	9	0.38
(5,1891)	1:113:A:PHE:HE2	1:114:A:ILE:HA	9	0.38
(5,1882)	1:9:A:PHE:HZ	1:11:A:ILE:HA	11	0.38
(5,1848)	1:9:A:PHE:HZ	1:11:A:ILE:HB	2	0.38
(5,1748)	1:150:A:THR:HG21	1:151:A:PHE:HA	9	0.38
(5,1748)	1:150:A:THR:HG22	1:151:A:PHE:HA	9	0.38
(5,1748)	1:150:A:THR:HG23	1:151:A:PHE:HA	9	0.38
(5,1706)	1:69:A:MET:HA	1:109:A:PRO:HA	5	0.38
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	9	0.38
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	9	0.38
(5,1658)	1:97:A:ASP:HB2	1:102:A:PRO:HA	4	0.38
(5,1658)	1:97:A:ASP:HB3	1:102:A:PRO:HA	4	0.38
(5,1647)	1:111:A:GLU:HA	1:114:A:ILE:HG21	4	0.38
(5,1647)	1:111:A:GLU:HA	1:114:A:ILE:HG22	4	0.38
(5,1647)	1:111:A:GLU:HA	1:114:A:ILE:HG23	4	0.38
(5,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	5	0.38
(5,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	5	0.38
(5,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	5	0.38
(5,1565)	1:40:A:LEU:HD21	1:43:A:MET:H	3	0.38
(5,1565)	1:40:A:LEU:HD22	1:43:A:MET:H	3	0.38
(5,1565)	1:40:A:LEU:HD23	1:43:A:MET:H	3	0.38
(5,1536)	1:69:A:MET:HE1	1:113:A:PHE:HE1	6	0.38
(5,1536)	1:69:A:MET:HE1	1:113:A:PHE:HE2	6	0.38
(5,1536)	1:69:A:MET:HE2	1:113:A:PHE:HE1	6	0.38
(5,1536)	1:69:A:MET:HE2	1:113:A:PHE:HE2	6	0.38
(5,1536)	1:69:A:MET:HE3	1:113:A:PHE:HE1	6	0.38
(5,1536)	1:69:A:MET:HE3	1:113:A:PHE:HE2	6	0.38
(5,1536)	1:69:A:MET:HE1	1:113:A:PHE:HE1	16	0.38
(5,1536)	1:69:A:MET:HE1	1:113:A:PHE:HE2	16	0.38
(5,1536)	1:69:A:MET:HE2	1:113:A:PHE:HE1	16	0.38
(5,1536)	1:69:A:MET:HE2	1:113:A:PHE:HE2	16	0.38
(5,1536)	1:69:A:MET:HE3	1:113:A:PHE:HE1	16	0.38
(5,1536)	1:69:A:MET:HE3	1:113:A:PHE:HE2	16	0.38
(5,1536)	1:69:A:MET:HE1	1:113:A:PHE:HE1	18	0.38
(5,1536)	1:69:A:MET:HE1	1:113:A:PHE:HE2	18	0.38
(5,1536)	1:69:A:MET:HE2	1:113:A:PHE:HE1	18	0.38
(5,1536)	1:69:A:MET:HE2	1:113:A:PHE:HE2	18	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1536)	1:69:A:MET:HE3	1:113:A:PHE:HE1	18	0.38
(5,1536)	1:69:A:MET:HE3	1:113:A:PHE:HE2	18	0.38
(5,1455)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	19	0.38
(5,1455)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	19	0.38
(5,1455)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	19	0.38
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	11	0.38
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	11	0.38
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	11	0.38
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	11	0.38
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	11	0.38
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	11	0.38
(5,1381)	1:39:A:VAL:HG11	1:144:A:LEU:H	6	0.38
(5,1381)	1:39:A:VAL:HG12	1:144:A:LEU:H	6	0.38
(5,1381)	1:39:A:VAL:HG13	1:144:A:LEU:H	6	0.38
(5,1211)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	11	0.38
(5,1211)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	11	0.38
(5,1211)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	11	0.38
(5,1211)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	11	0.38
(5,1211)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	11	0.38
(5,1211)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	11	0.38
(5,1211)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	11	0.38
(5,1211)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	11	0.38
(5,1211)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	11	0.38
(5,1097)	1:141:A:LYS:HA	1:148:A:CYS:HB3	11	0.38
(5,1076)	1:44:A:GLU:HA	1:44:A:GLU:HG2	7	0.38
(5,1076)	1:44:A:GLU:HA	1:44:A:GLU:HG2	17	0.38
(5,1076)	1:44:A:GLU:HA	1:44:A:GLU:HG2	19	0.38
(5,1060)	1:72:A:PHE:HA	1:109:A:PRO:HG3	7	0.38
(5,1021)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	15	0.38
(5,1021)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	15	0.38
(5,1000)	1:95:A:ILE:HG21	1:105:A:LYS:HB2	7	0.38
(5,1000)	1:95:A:ILE:HG21	1:105:A:LYS:HB3	7	0.38
(5,1000)	1:95:A:ILE:HG22	1:105:A:LYS:HB2	7	0.38
(5,1000)	1:95:A:ILE:HG22	1:105:A:LYS:HB3	7	0.38
(5,1000)	1:95:A:ILE:HG23	1:105:A:LYS:HB2	7	0.38
(5,1000)	1:95:A:ILE:HG23	1:105:A:LYS:HB3	7	0.38
(5,994)	1:35:A:LEU:HG	1:143:A:TRP:HB3	1	0.38
(5,896)	1:21:A:THR:HB	1:24:A:ASP:H	18	0.38
(5,843)	1:43:A:MET:HE1	1:144:A:LEU:HB3	17	0.38
(5,843)	1:43:A:MET:HE2	1:144:A:LEU:HB3	17	0.38
(5,843)	1:43:A:MET:HE3	1:144:A:LEU:HB3	17	0.38
(5,843)	1:43:A:MET:HE1	1:144:A:LEU:HB2	17	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,843)	1:43:A:MET:HE2	1:144:A:LEU:HB2	17	0.38
(5,843)	1:43:A:MET:HE3	1:144:A:LEU:HB2	17	0.38
(5,840)	1:48:A:ARG:HA	1:48:A:ARG:HD2	1	0.38
(5,840)	1:48:A:ARG:HA	1:48:A:ARG:HD3	1	0.38
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	19	0.38
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	19	0.38
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	19	0.38
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	19	0.38
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	19	0.38
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	19	0.38
(5,806)	1:32:A:GLY:HA2	1:33:A:LYS:H	6	0.38
(5,737)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	15	0.38
(5,737)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	15	0.38
(5,736)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	17	0.38
(5,670)	1:63:A:ILE:HG12	1:117:A:VAL:H	17	0.38
(5,630)	1:9:A:PHE:HE1	1:15:A:ALA:H	6	0.38
(5,630)	1:9:A:PHE:HE2	1:15:A:ALA:H	6	0.38
(5,611)	1:14:A:VAL:HB	1:16:A:SER:H	8	0.38
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD11	15	0.38
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD12	15	0.38
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD13	15	0.38
(5,95)	1:63:A:ILE:H	1:63:A:ILE:HG13	17	0.38
(5,39)	1:43:A:MET:HA	1:47:A:ALA:H	3	0.38
(4,2428)	1:134:A:VAL:HG11	1:137:A:SER:H	14	0.38
(4,2428)	1:134:A:VAL:HG12	1:137:A:SER:H	14	0.38
(4,2428)	1:134:A:VAL:HG13	1:137:A:SER:H	14	0.38
(4,2428)	1:134:A:VAL:HG21	1:137:A:SER:H	14	0.38
(4,2428)	1:134:A:VAL:HG22	1:137:A:SER:H	14	0.38
(4,2428)	1:134:A:VAL:HG23	1:137:A:SER:H	14	0.38
(4,2331)	1:107:A:LEU:HD11	1:112:A:GLN:H	5	0.38
(4,2331)	1:107:A:LEU:HD12	1:112:A:GLN:H	5	0.38
(4,2331)	1:107:A:LEU:HD13	1:112:A:GLN:H	5	0.38
(4,2331)	1:107:A:LEU:HD21	1:112:A:GLN:H	5	0.38
(4,2331)	1:107:A:LEU:HD22	1:112:A:GLN:H	5	0.38
(4,2331)	1:107:A:LEU:HD23	1:112:A:GLN:H	5	0.38
(4,2324)	1:107:A:LEU:H	1:107:A:LEU:HD11	11	0.38
(4,2324)	1:107:A:LEU:H	1:107:A:LEU:HD12	11	0.38
(4,2324)	1:107:A:LEU:H	1:107:A:LEU:HD13	11	0.38
(4,2324)	1:107:A:LEU:H	1:107:A:LEU:HD21	11	0.38
(4,2324)	1:107:A:LEU:H	1:107:A:LEU:HD22	11	0.38
(4,2324)	1:107:A:LEU:H	1:107:A:LEU:HD23	11	0.38
(4,2253)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	1	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2253)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	1	0.38
(4,2125)	1:40:A:LEU:HD11	1:44:A:GLU:H	15	0.38
(4,2125)	1:40:A:LEU:HD12	1:44:A:GLU:H	15	0.38
(4,2125)	1:40:A:LEU:HD13	1:44:A:GLU:H	15	0.38
(4,2125)	1:40:A:LEU:HD21	1:44:A:GLU:H	15	0.38
(4,2125)	1:40:A:LEU:HD22	1:44:A:GLU:H	15	0.38
(4,2125)	1:40:A:LEU:HD23	1:44:A:GLU:H	15	0.38
(4,2121)	1:40:A:LEU:HD11	1:41:A:LYS:H	15	0.38
(4,2121)	1:40:A:LEU:HD12	1:41:A:LYS:H	15	0.38
(4,2121)	1:40:A:LEU:HD13	1:41:A:LYS:H	15	0.38
(4,2121)	1:40:A:LEU:HD21	1:41:A:LYS:H	15	0.38
(4,2121)	1:40:A:LEU:HD22	1:41:A:LYS:H	15	0.38
(4,2121)	1:40:A:LEU:HD23	1:41:A:LYS:H	15	0.38
(4,2073)	1:35:A:LEU:HD11	1:39:A:VAL:HB	18	0.38
(4,2073)	1:35:A:LEU:HD12	1:39:A:VAL:HB	18	0.38
(4,2073)	1:35:A:LEU:HD13	1:39:A:VAL:HB	18	0.38
(4,2073)	1:35:A:LEU:HD21	1:39:A:VAL:HB	18	0.38
(4,2073)	1:35:A:LEU:HD22	1:39:A:VAL:HB	18	0.38
(4,2073)	1:35:A:LEU:HD23	1:39:A:VAL:HB	18	0.38
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	19	0.38
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	19	0.38
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	19	0.38
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	19	0.38
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	19	0.38
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	19	0.38
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	19	0.38
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	19	0.38
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	19	0.38
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	19	0.38
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	19	0.38
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	19	0.38
(4,1957)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	15	0.38
(4,1957)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	15	0.38
(4,1957)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	15	0.38
(4,1957)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	15	0.38
(4,1957)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	15	0.38
(4,1957)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	15	0.38
(4,1957)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	15	0.38
(4,1957)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	15	0.38
(4,1957)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	15	0.38
(4,1957)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	15	0.38
(4,1957)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	15	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1957)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	15	0.38
(4,1957)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	15	0.38
(4,1957)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	15	0.38
(4,1957)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	15	0.38
(4,1957)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	15	0.38
(4,1957)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	15	0.38
(4,1957)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	15	0.38
(4,1930)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	16	0.38
(4,1930)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	16	0.38
(4,1930)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	16	0.38
(4,1930)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	16	0.38
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	4	0.38
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	4	0.38
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	4	0.38
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	4	0.38
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	4	0.38
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	4	0.38
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	4	0.38
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	4	0.38
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	4	0.38
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	4	0.38
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	4	0.38
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	4	0.38
(4,1909)	1:9:A:PHE:HE1	1:14:A:VAL:HG11	5	0.38
(4,1909)	1:9:A:PHE:HE1	1:14:A:VAL:HG12	5	0.38
(4,1909)	1:9:A:PHE:HE1	1:14:A:VAL:HG13	5	0.38
(4,1909)	1:9:A:PHE:HE1	1:14:A:VAL:HG21	5	0.38
(4,1909)	1:9:A:PHE:HE1	1:14:A:VAL:HG22	5	0.38
(4,1909)	1:9:A:PHE:HE1	1:14:A:VAL:HG23	5	0.38
(4,1909)	1:9:A:PHE:HE2	1:14:A:VAL:HG11	5	0.38
(4,1909)	1:9:A:PHE:HE2	1:14:A:VAL:HG12	5	0.38
(4,1909)	1:9:A:PHE:HE2	1:14:A:VAL:HG13	5	0.38
(4,1909)	1:9:A:PHE:HE2	1:14:A:VAL:HG21	5	0.38
(4,1909)	1:9:A:PHE:HE2	1:14:A:VAL:HG22	5	0.38
(4,1909)	1:9:A:PHE:HE2	1:14:A:VAL:HG23	5	0.38
(4,1802)	1:9:A:PHE:HZ	1:11:A:ILE:HB	2	0.38
(4,1801)	1:9:A:PHE:HZ	1:44:A:GLU:HB2	10	0.38
(4,1801)	1:9:A:PHE:HZ	1:44:A:GLU:HB3	10	0.38
(4,1745)	1:57:A:LEU:HG	1:60:A:LEU:HG	6	0.38
(4,1635)	1:69:A:MET:HA	1:69:A:MET:HE1	6	0.38
(4,1635)	1:69:A:MET:HA	1:69:A:MET:HE2	6	0.38
(4,1635)	1:69:A:MET:HA	1:69:A:MET:HE3	6	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1621)	1:97:A:ASP:HB2	1:102:A:PRO:HA	4	0.38
(4,1621)	1:97:A:ASP:HB3	1:102:A:PRO:HA	4	0.38
(4,1587)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	10	0.38
(4,1587)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	10	0.38
(4,1587)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	10	0.38
(4,1587)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	10	0.38
(4,1587)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	10	0.38
(4,1587)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	10	0.38
(4,1566)	1:98:A:ILE:HG21	1:116:A:GLN:H	16	0.38
(4,1566)	1:98:A:ILE:HG22	1:116:A:GLN:H	16	0.38
(4,1566)	1:98:A:ILE:HG23	1:116:A:GLN:H	16	0.38
(4,1560)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	16	0.38
(4,1560)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	16	0.38
(4,1560)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	16	0.38
(4,1491)	1:98:A:ILE:HG21	1:101:A:ILE:HB	3	0.38
(4,1491)	1:98:A:ILE:HG22	1:101:A:ILE:HB	3	0.38
(4,1491)	1:98:A:ILE:HG23	1:101:A:ILE:HB	3	0.38
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	2	0.38
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	2	0.38
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	2	0.38
(4,1419)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	19	0.38
(4,1419)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	19	0.38
(4,1419)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	19	0.38
(4,1271)	1:128:A:LEU:H	1:128:A:LEU:HD21	2	0.38
(4,1271)	1:128:A:LEU:H	1:128:A:LEU:HD22	2	0.38
(4,1271)	1:128:A:LEU:H	1:128:A:LEU:HD23	2	0.38
(4,1243)	1:15:A:ALA:HA	1:131:A:LEU:HB2	5	0.38
(4,1190)	1:69:A:MET:HE1	1:110:A:MET:HA	10	0.38
(4,1190)	1:69:A:MET:HE2	1:110:A:MET:HA	10	0.38
(4,1190)	1:69:A:MET:HE3	1:110:A:MET:HA	10	0.38
(4,1064)	1:45:A:ALA:HA	1:48:A:ARG:HG2	2	0.38
(4,1064)	1:45:A:ALA:HA	1:48:A:ARG:HG3	2	0.38
(4,802)	1:32:A:GLY:HA2	1:33:A:LYS:H	6	0.38
(4,776)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	13	0.38
(4,776)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	13	0.38
(4,776)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	13	0.38
(4,730)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	15	0.38
(4,730)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	15	0.38
(4,728)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	17	0.38
(4,653)	1:108:A:GLU:H	1:112:A:GLN:H	16	0.38
(4,644)	1:79:A:THR:H	1:80:A:TYR:HD1	4	0.38
(4,644)	1:79:A:THR:H	1:80:A:TYR:HD2	4	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,501)	1:70:A:LYS:HE2	1:71:A:LYS:H	8	0.38
(4,501)	1:70:A:LYS:HE3	1:71:A:LYS:H	8	0.38
(4,398)	1:119:A:LEU:H	1:119:A:LEU:HG	8	0.38
(4,225)	1:44:A:GLU:HG3	1:48:A:ARG:H	18	0.38
(4,176)	1:93:A:GLU:H	1:93:A:GLU:HG2	6	0.38
(4,176)	1:93:A:GLU:H	1:93:A:GLU:HG3	6	0.38
(4,100)	1:63:A:ILE:H	1:63:A:ILE:HG13	17	0.38
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD11	5	0.38
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD12	5	0.38
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD13	5	0.38
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD21	5	0.38
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD22	5	0.38
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD23	5	0.38
(3,2349)	1:105:A:LYS:H	1:105:A:LYS:HG2	3	0.38
(3,2349)	1:105:A:LYS:H	1:105:A:LYS:HG3	3	0.38
(3,2349)	1:105:A:LYS:H	1:105:A:LYS:HG2	12	0.38
(3,2349)	1:105:A:LYS:H	1:105:A:LYS:HG3	12	0.38
(3,2331)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.38
(3,2331)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	3	0.38
(3,2331)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.38
(3,2331)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	3	0.38
(3,2331)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.38
(3,2331)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	3	0.38
(3,2294)	1:75:A:GLY:H	1:76:A:ARG:HB2	3	0.38
(3,2294)	1:75:A:GLY:H	1:76:A:ARG:HB3	3	0.38
(3,2233)	1:60:A:LEU:HD11	1:123:A:CYS:H	4	0.38
(3,2233)	1:60:A:LEU:HD12	1:123:A:CYS:H	4	0.38
(3,2233)	1:60:A:LEU:HD13	1:123:A:CYS:H	4	0.38
(3,2233)	1:60:A:LEU:HD21	1:123:A:CYS:H	4	0.38
(3,2233)	1:60:A:LEU:HD22	1:123:A:CYS:H	4	0.38
(3,2233)	1:60:A:LEU:HD23	1:123:A:CYS:H	4	0.38
(3,2075)	1:29:A:LYS:HA	1:30:A:LEU:HD11	1	0.38
(3,2075)	1:29:A:LYS:HA	1:30:A:LEU:HD12	1	0.38
(3,2075)	1:29:A:LYS:HA	1:30:A:LEU:HD13	1	0.38
(3,2075)	1:29:A:LYS:HA	1:30:A:LEU:HD21	1	0.38
(3,2075)	1:29:A:LYS:HA	1:30:A:LEU:HD22	1	0.38
(3,2075)	1:29:A:LYS:HA	1:30:A:LEU:HD23	1	0.38
(3,2054)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	17	0.38
(3,2054)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	17	0.38
(3,2054)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	17	0.38
(3,2054)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	17	0.38
(3,2054)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	17	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2054)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	17	0.38
(3,2054)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	17	0.38
(3,2054)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	17	0.38
(3,2054)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	17	0.38
(3,2054)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	17	0.38
(3,2054)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	17	0.38
(3,2054)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	17	0.38
(3,1895)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	7	0.38
(3,1895)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	7	0.38
(3,1883)	1:9:A:PHE:HZ	1:11:A:ILE:HA	11	0.38
(3,1849)	1:9:A:PHE:HZ	1:11:A:ILE:HB	2	0.38
(3,1809)	1:144:A:LEU:HA	1:144:A:LEU:HD11	5	0.38
(3,1809)	1:144:A:LEU:HA	1:144:A:LEU:HD12	5	0.38
(3,1809)	1:144:A:LEU:HA	1:144:A:LEU:HD13	5	0.38
(3,1796)	1:57:A:LEU:HG	1:60:A:LEU:HG	6	0.38
(3,1781)	1:36:A:PRO:HA	1:37:A:LEU:HD21	13	0.38
(3,1781)	1:36:A:PRO:HA	1:37:A:LEU:HD22	13	0.38
(3,1781)	1:36:A:PRO:HA	1:37:A:LEU:HD23	13	0.38
(3,1688)	1:69:A:MET:HA	1:69:A:MET:HE1	6	0.38
(3,1688)	1:69:A:MET:HA	1:69:A:MET:HE2	6	0.38
(3,1688)	1:69:A:MET:HA	1:69:A:MET:HE3	6	0.38
(3,1676)	1:97:A:ASP:HB2	1:102:A:PRO:HA	4	0.38
(3,1676)	1:97:A:ASP:HB3	1:102:A:PRO:HA	4	0.38
(3,1639)	1:73:A:ILE:HG21	1:76:A:ARG:H	5	0.38
(3,1639)	1:73:A:ILE:HG22	1:76:A:ARG:H	5	0.38
(3,1639)	1:73:A:ILE:HG23	1:76:A:ARG:H	5	0.38
(3,1618)	1:98:A:ILE:HG21	1:116:A:GLN:H	16	0.38
(3,1618)	1:98:A:ILE:HG22	1:116:A:GLN:H	16	0.38
(3,1618)	1:98:A:ILE:HG23	1:116:A:GLN:H	16	0.38
(3,1391)	1:39:A:VAL:HG11	1:144:A:LEU:H	6	0.38
(3,1391)	1:39:A:VAL:HG12	1:144:A:LEU:H	6	0.38
(3,1391)	1:39:A:VAL:HG13	1:144:A:LEU:H	6	0.38
(3,1236)	1:81:A:GLU:HA	1:81:A:GLU:HG2	1	0.38
(3,1236)	1:81:A:GLU:HA	1:81:A:GLU:HG3	1	0.38
(3,1236)	1:81:A:GLU:HA	1:81:A:GLU:HG2	5	0.38
(3,1236)	1:81:A:GLU:HA	1:81:A:GLU:HG3	5	0.38
(3,1236)	1:81:A:GLU:HA	1:81:A:GLU:HG2	7	0.38
(3,1236)	1:81:A:GLU:HA	1:81:A:GLU:HG3	7	0.38
(3,1236)	1:81:A:GLU:HA	1:81:A:GLU:HG2	10	0.38
(3,1236)	1:81:A:GLU:HA	1:81:A:GLU:HG3	10	0.38
(3,1236)	1:81:A:GLU:HA	1:81:A:GLU:HG2	11	0.38
(3,1236)	1:81:A:GLU:HA	1:81:A:GLU:HG3	11	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1225)	1:41:A:LYS:HA	1:41:A:LYS:HG2	18	0.38
(3,1143)	1:31:A:PRO:HD2	1:143:A:TRP:HA	16	0.38
(3,1140)	1:41:A:LYS:HA	1:44:A:GLU:HG3	4	0.38
(3,1103)	1:45:A:ALA:HA	1:48:A:ARG:HG2	13	0.38
(3,1103)	1:45:A:ALA:HA	1:48:A:ARG:HG3	13	0.38
(3,1033)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	15	0.38
(3,1033)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	15	0.38
(3,983)	1:11:A:ILE:HG12	1:14:A:VAL:HB	3	0.38
(3,834)	1:98:A:ILE:HD11	1:119:A:LEU:HG	14	0.38
(3,834)	1:98:A:ILE:HD12	1:119:A:LEU:HG	14	0.38
(3,834)	1:98:A:ILE:HD13	1:119:A:LEU:HG	14	0.38
(3,796)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	13	0.38
(3,796)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	13	0.38
(3,796)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	13	0.38
(3,796)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	13	0.38
(3,796)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	13	0.38
(3,796)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	13	0.38
(3,756)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	15	0.38
(3,756)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	15	0.38
(3,729)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	2	0.38
(3,729)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	2	0.38
(3,729)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	2	0.38
(3,717)	1:23:A:LEU:HD11	1:27:A:ARG:HE	10	0.38
(3,717)	1:23:A:LEU:HD12	1:27:A:ARG:HE	10	0.38
(3,717)	1:23:A:LEU:HD13	1:27:A:ARG:HE	10	0.38
(3,660)	1:66:A:THR:H	1:116:A:GLN:HE22	10	0.38
(3,659)	1:79:A:THR:H	1:80:A:TYR:HD1	4	0.38
(3,659)	1:79:A:THR:H	1:80:A:TYR:HD2	4	0.38
(3,638)	1:9:A:PHE:HZ	1:58:A:ILE:H	15	0.38
(3,590)	1:126:A:GLY:H	1:128:A:LEU:HB2	7	0.38
(3,555)	1:73:A:ILE:HD11	1:110:A:MET:H	11	0.38
(3,555)	1:73:A:ILE:HD12	1:110:A:MET:H	11	0.38
(3,555)	1:73:A:ILE:HD13	1:110:A:MET:H	11	0.38
(3,506)	1:68:A:LYS:H	1:71:A:LYS:H	5	0.38
(3,180)	1:93:A:GLU:H	1:93:A:GLU:HG2	6	0.38
(3,180)	1:93:A:GLU:H	1:93:A:GLU:HG3	6	0.38
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD11	18	0.38
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD12	18	0.38
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD13	18	0.38
(3,104)	1:69:A:MET:H	1:69:A:MET:HE1	3	0.38
(3,104)	1:69:A:MET:H	1:69:A:MET:HE2	3	0.38
(3,104)	1:69:A:MET:H	1:69:A:MET:HE3	3	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,99)	1:63:A:ILE:H	1:63:A:ILE:HG13	17	0.38
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD11	1	0.38
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD12	1	0.38
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD13	1	0.38
(2,2319)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	5	0.38
(2,2319)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	5	0.38
(2,2319)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	5	0.38
(2,2319)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	5	0.38
(2,2319)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	5	0.38
(2,2319)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	5	0.38
(2,2319)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	5	0.38
(2,2319)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	5	0.38
(2,2319)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	5	0.38
(2,2319)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	5	0.38
(2,2319)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	5	0.38
(2,2319)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	5	0.38
(2,2319)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	5	0.38
(2,2319)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	5	0.38
(2,2319)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	5	0.38
(2,2319)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	5	0.38
(2,2319)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	5	0.38
(2,2319)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	5	0.38
(2,1784)	1:57:A:LEU:HG	1:60:A:LEU:HG	6	0.38
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE1	3	0.38
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE2	3	0.38
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE3	3	0.38
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE1	5	0.38
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE2	5	0.38
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE3	5	0.38
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE1	9	0.38
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE2	9	0.38
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE3	9	0.38
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE1	11	0.38
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE2	11	0.38
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE3	11	0.38
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE1	13	0.38
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE2	13	0.38
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE3	13	0.38
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE1	14	0.38
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE2	14	0.38
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE3	14	0.38
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE1	15	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE2	15	0.38
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE3	15	0.38
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE1	19	0.38
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE2	19	0.38
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE3	19	0.38
(2,1701)	1:69:A:MET:HA	1:109:A:PRO:HA	5	0.38
(2,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	5	0.38
(2,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	5	0.38
(2,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	5	0.38
(2,1600)	1:98:A:ILE:HG21	1:116:A:GLN:H	16	0.38
(2,1600)	1:98:A:ILE:HG22	1:116:A:GLN:H	16	0.38
(2,1600)	1:98:A:ILE:HG23	1:116:A:GLN:H	16	0.38
(2,1369)	1:39:A:VAL:HG11	1:144:A:LEU:H	18	0.38
(2,1369)	1:39:A:VAL:HG12	1:144:A:LEU:H	18	0.38
(2,1369)	1:39:A:VAL:HG13	1:144:A:LEU:H	18	0.38
(2,1290)	1:128:A:LEU:H	1:128:A:LEU:HD21	2	0.38
(2,1290)	1:128:A:LEU:H	1:128:A:LEU:HD22	2	0.38
(2,1290)	1:128:A:LEU:H	1:128:A:LEU:HD23	2	0.38
(2,1264)	1:113:A:PHE:HE1	1:117:A:VAL:HG21	2	0.38
(2,1264)	1:113:A:PHE:HE1	1:117:A:VAL:HG22	2	0.38
(2,1264)	1:113:A:PHE:HE1	1:117:A:VAL:HG23	2	0.38
(2,1264)	1:113:A:PHE:HE2	1:117:A:VAL:HG21	2	0.38
(2,1264)	1:113:A:PHE:HE2	1:117:A:VAL:HG22	2	0.38
(2,1264)	1:113:A:PHE:HE2	1:117:A:VAL:HG23	2	0.38
(2,1207)	1:69:A:MET:HE1	1:110:A:MET:HA	10	0.38
(2,1207)	1:69:A:MET:HE2	1:110:A:MET:HA	10	0.38
(2,1207)	1:69:A:MET:HE3	1:110:A:MET:HA	10	0.38
(2,1181)	1:100:A:ALA:HB1	1:119:A:LEU:HD21	8	0.38
(2,1181)	1:100:A:ALA:HB1	1:119:A:LEU:HD22	8	0.38
(2,1181)	1:100:A:ALA:HB1	1:119:A:LEU:HD23	8	0.38
(2,1181)	1:100:A:ALA:HB2	1:119:A:LEU:HD21	8	0.38
(2,1181)	1:100:A:ALA:HB2	1:119:A:LEU:HD22	8	0.38
(2,1181)	1:100:A:ALA:HB2	1:119:A:LEU:HD23	8	0.38
(2,1181)	1:100:A:ALA:HB3	1:119:A:LEU:HD21	8	0.38
(2,1181)	1:100:A:ALA:HB3	1:119:A:LEU:HD22	8	0.38
(2,1181)	1:100:A:ALA:HB3	1:119:A:LEU:HD23	8	0.38
(2,1116)	1:40:A:LEU:HA	1:43:A:MET:HG3	11	0.38
(2,1080)	1:141:A:LYS:HA	1:148:A:CYS:HB3	11	0.38
(2,1062)	1:54:A:ARG:HA	1:58:A:ILE:HG13	8	0.38
(2,920)	1:79:A:THR:HG21	1:81:A:GLU:HG2	8	0.38
(2,920)	1:79:A:THR:HG21	1:81:A:GLU:HG3	8	0.38
(2,920)	1:79:A:THR:HG22	1:81:A:GLU:HG2	8	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,920)	1:79:A:THR:HG22	1:81:A:GLU:HG3	8	0.38
(2,920)	1:79:A:THR:HG23	1:81:A:GLU:HG2	8	0.38
(2,920)	1:79:A:THR:HG23	1:81:A:GLU:HG3	8	0.38
(2,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	13	0.38
(2,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	13	0.38
(2,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	13	0.38
(2,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	13	0.38
(2,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	13	0.38
(2,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	13	0.38
(2,754)	1:37:A:LEU:H	1:40:A:LEU:HB3	8	0.38
(2,736)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	17	0.38
(2,236)	1:47:A:ALA:HB1	1:50:A:ALA:H	5	0.38
(2,236)	1:47:A:ALA:HB2	1:50:A:ALA:H	5	0.38
(2,236)	1:47:A:ALA:HB3	1:50:A:ALA:H	5	0.38
(2,99)	1:63:A:ILE:H	1:63:A:ILE:HG13	17	0.38
(1,2293)	1:105:A:LYS:H	1:105:A:LYS:HG2	3	0.38
(1,2293)	1:105:A:LYS:H	1:105:A:LYS:HG3	3	0.38
(1,2293)	1:105:A:LYS:H	1:105:A:LYS:HG2	12	0.38
(1,2293)	1:105:A:LYS:H	1:105:A:LYS:HG3	12	0.38
(1,2243)	1:75:A:GLY:H	1:76:A:ARG:HB2	3	0.38
(1,2243)	1:75:A:GLY:H	1:76:A:ARG:HB3	3	0.38
(1,2125)	1:40:A:LEU:HD11	1:44:A:GLU:H	15	0.38
(1,2125)	1:40:A:LEU:HD12	1:44:A:GLU:H	15	0.38
(1,2125)	1:40:A:LEU:HD13	1:44:A:GLU:H	15	0.38
(1,2125)	1:40:A:LEU:HD21	1:44:A:GLU:H	15	0.38
(1,2125)	1:40:A:LEU:HD22	1:44:A:GLU:H	15	0.38
(1,2125)	1:40:A:LEU:HD23	1:44:A:GLU:H	15	0.38
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD11	17	0.38
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD12	17	0.38
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD13	17	0.38
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD21	17	0.38
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD22	17	0.38
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD23	17	0.38
(1,1980)	1:14:A:VAL:HG11	1:62:A:HIS:H	7	0.38
(1,1980)	1:14:A:VAL:HG12	1:62:A:HIS:H	7	0.38
(1,1980)	1:14:A:VAL:HG13	1:62:A:HIS:H	7	0.38
(1,1980)	1:14:A:VAL:HG21	1:62:A:HIS:H	7	0.38
(1,1980)	1:14:A:VAL:HG22	1:62:A:HIS:H	7	0.38
(1,1980)	1:14:A:VAL:HG23	1:62:A:HIS:H	7	0.38
(1,1928)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	8	0.38
(1,1928)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	8	0.38
(1,1928)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	8	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1928)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	8	0.38
(1,1928)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	8	0.38
(1,1928)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	8	0.38
(1,1879)	1:113:A:PHE:HE1	1:114:A:ILE:HA	9	0.38
(1,1879)	1:113:A:PHE:HE2	1:114:A:ILE:HA	9	0.38
(1,1836)	1:9:A:PHE:HZ	1:57:A:LEU:HA	8	0.38
(1,1833)	1:9:A:PHE:HZ	1:11:A:ILE:HB	2	0.38
(1,1721)	1:67:A:PRO:HD2	1:95:A:ILE:HA	5	0.38
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE1	3	0.38
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE2	3	0.38
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE3	3	0.38
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE1	5	0.38
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE2	5	0.38
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE3	5	0.38
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE1	9	0.38
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE2	9	0.38
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE3	9	0.38
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE1	11	0.38
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE2	11	0.38
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE3	11	0.38
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE1	13	0.38
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE2	13	0.38
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE3	13	0.38
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE1	14	0.38
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE2	14	0.38
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE3	14	0.38
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE1	15	0.38
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE2	15	0.38
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE3	15	0.38
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE1	19	0.38
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE2	19	0.38
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE3	19	0.38
(1,1655)	1:97:A:ASP:HB2	1:102:A:PRO:HA	4	0.38
(1,1655)	1:97:A:ASP:HB3	1:102:A:PRO:HA	4	0.38
(1,1640)	1:79:A:THR:H	1:80:A:TYR:HA	3	0.38
(1,1622)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	10	0.38
(1,1622)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	10	0.38
(1,1622)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	10	0.38
(1,1622)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	10	0.38
(1,1622)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	10	0.38
(1,1622)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	10	0.38
(1,1620)	1:73:A:ILE:HG21	1:76:A:ARG:H	5	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1620)	1:73:A:ILE:HG22	1:76:A:ARG:H	5	0.38
(1,1620)	1:73:A:ILE:HG23	1:76:A:ARG:H	5	0.38
(1,1591)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	2	0.38
(1,1591)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	2	0.38
(1,1591)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	2	0.38
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	4	0.38
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	4	0.38
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	4	0.38
(1,1394)	1:16:A:SER:HA	1:19:A:ALA:HB1	11	0.38
(1,1394)	1:16:A:SER:HA	1:19:A:ALA:HB2	11	0.38
(1,1394)	1:16:A:SER:HA	1:19:A:ALA:HB3	11	0.38
(1,1227)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	16	0.38
(1,1227)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	16	0.38
(1,1227)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	16	0.38
(1,1136)	1:40:A:LEU:HA	1:43:A:MET:HG3	11	0.38
(1,949)	1:81:A:GLU:HA	1:81:A:GLU:HG2	2	0.38
(1,949)	1:81:A:GLU:HA	1:81:A:GLU:HG3	2	0.38
(1,949)	1:81:A:GLU:HA	1:81:A:GLU:HG2	3	0.38
(1,949)	1:81:A:GLU:HA	1:81:A:GLU:HG3	3	0.38
(1,949)	1:81:A:GLU:HA	1:81:A:GLU:HG2	14	0.38
(1,949)	1:81:A:GLU:HA	1:81:A:GLU:HG3	14	0.38
(1,861)	1:43:A:MET:HE1	1:131:A:LEU:HB3	1	0.38
(1,861)	1:43:A:MET:HE2	1:131:A:LEU:HB3	1	0.38
(1,861)	1:43:A:MET:HE3	1:131:A:LEU:HB3	1	0.38
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	18	0.38
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	18	0.38
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	18	0.38
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	18	0.38
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	18	0.38
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	18	0.38
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	18	0.38
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	18	0.38
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	18	0.38
(1,817)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	11	0.38
(1,817)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	11	0.38
(1,817)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	11	0.38
(1,817)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	11	0.38
(1,817)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	11	0.38
(1,817)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	11	0.38
(1,815)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	12	0.38
(1,815)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	12	0.38
(1,815)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	12	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,772)	1:37:A:LEU:H	1:40:A:LEU:HB3	8	0.38
(1,764)	1:147:A:ARG:HA	1:147:A:ARG:HE	2	0.38
(1,660)	1:79:A:THR:H	1:80:A:TYR:HD1	4	0.38
(1,660)	1:79:A:THR:H	1:80:A:TYR:HD2	4	0.38
(1,619)	1:14:A:VAL:HB	1:16:A:SER:H	8	0.38
(1,592)	1:126:A:GLY:H	1:128:A:LEU:HB2	7	0.38
(1,554)	1:73:A:ILE:HD11	1:110:A:MET:H	11	0.38
(1,554)	1:73:A:ILE:HD12	1:110:A:MET:H	11	0.38
(1,554)	1:73:A:ILE:HD13	1:110:A:MET:H	11	0.38
(1,514)	1:70:A:LYS:HE2	1:71:A:LYS:H	8	0.38
(1,514)	1:70:A:LYS:HE3	1:71:A:LYS:H	8	0.38
(1,434)	1:68:A:LYS:H	1:68:A:LYS:HE2	2	0.38
(1,434)	1:68:A:LYS:H	1:68:A:LYS:HE3	2	0.38
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB1	14	0.38
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB2	14	0.38
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB3	14	0.38
(1,106)	1:63:A:ILE:H	1:63:A:ILE:HG13	17	0.38
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG11	19	0.37
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG12	19	0.37
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG13	19	0.37
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG21	19	0.37
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG22	19	0.37
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG23	19	0.37
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	7	0.37
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	7	0.37
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	7	0.37
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	7	0.37
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	7	0.37
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	7	0.37
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	7	0.37
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	7	0.37
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	7	0.37
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	7	0.37
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	7	0.37
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	7	0.37
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	7	0.37
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	7	0.37
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	7	0.37
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	7	0.37
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	7	0.37
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	7	0.37
(34,2277)	1:79:A:THR:HG21	1:81:A:GLU:HB2	1	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2277)	1:79:A:THR:HG21	1:81:A:GLU:HB3	1	0.37
(34,2277)	1:79:A:THR:HG22	1:81:A:GLU:HB2	1	0.37
(34,2277)	1:79:A:THR:HG22	1:81:A:GLU:HB3	1	0.37
(34,2277)	1:79:A:THR:HG23	1:81:A:GLU:HB2	1	0.37
(34,2277)	1:79:A:THR:HG23	1:81:A:GLU:HB3	1	0.37
(34,2226)	1:65:A:CYS:HB2	1:70:A:LYS:H	8	0.37
(34,2226)	1:65:A:CYS:HB3	1:70:A:LYS:H	8	0.37
(34,2166)	1:47:A:ALA:H	1:134:A:VAL:HG11	15	0.37
(34,2166)	1:47:A:ALA:H	1:134:A:VAL:HG12	15	0.37
(34,2166)	1:47:A:ALA:H	1:134:A:VAL:HG13	15	0.37
(34,2166)	1:47:A:ALA:H	1:134:A:VAL:HG21	15	0.37
(34,2166)	1:47:A:ALA:H	1:134:A:VAL:HG22	15	0.37
(34,2166)	1:47:A:ALA:H	1:134:A:VAL:HG23	15	0.37
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD11	1	0.37
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD12	1	0.37
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD13	1	0.37
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD21	1	0.37
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD22	1	0.37
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD23	1	0.37
(34,1982)	1:12:A:VAL:HG11	1:81:A:GLU:H	11	0.37
(34,1982)	1:12:A:VAL:HG12	1:81:A:GLU:H	11	0.37
(34,1982)	1:12:A:VAL:HG13	1:81:A:GLU:H	11	0.37
(34,1982)	1:12:A:VAL:HG21	1:81:A:GLU:H	11	0.37
(34,1982)	1:12:A:VAL:HG22	1:81:A:GLU:H	11	0.37
(34,1982)	1:12:A:VAL:HG23	1:81:A:GLU:H	11	0.37
(34,1980)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	15	0.37
(34,1980)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	15	0.37
(34,1980)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	15	0.37
(34,1980)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	15	0.37
(34,1980)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	15	0.37
(34,1980)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	15	0.37
(34,1980)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	15	0.37
(34,1980)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	15	0.37
(34,1980)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	15	0.37
(34,1980)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	15	0.37
(34,1980)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	15	0.37
(34,1980)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	15	0.37
(34,1778)	1:97:A:ASP:HA	1:105:A:LYS:HA	5	0.37
(34,1722)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	10	0.37
(34,1722)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	10	0.37
(34,1722)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	10	0.37
(34,1627)	1:24:A:ASP:HA	1:27:A:ARG:HA	7	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1597)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	10	0.37
(34,1597)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	10	0.37
(34,1597)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	10	0.37
(34,1582)	1:11:A:ILE:HD11	1:45:A:ALA:H	10	0.37
(34,1582)	1:11:A:ILE:HD12	1:45:A:ALA:H	10	0.37
(34,1582)	1:11:A:ILE:HD13	1:45:A:ALA:H	10	0.37
(34,1535)	1:110:A:MET:HE1	1:113:A:PHE:HE1	13	0.37
(34,1535)	1:110:A:MET:HE1	1:113:A:PHE:HE2	13	0.37
(34,1535)	1:110:A:MET:HE2	1:113:A:PHE:HE1	13	0.37
(34,1535)	1:110:A:MET:HE2	1:113:A:PHE:HE2	13	0.37
(34,1535)	1:110:A:MET:HE3	1:113:A:PHE:HE1	13	0.37
(34,1535)	1:110:A:MET:HE3	1:113:A:PHE:HE2	13	0.37
(34,1495)	1:101:A:ILE:HG21	1:116:A:GLN:H	6	0.37
(34,1495)	1:101:A:ILE:HG22	1:116:A:GLN:H	6	0.37
(34,1495)	1:101:A:ILE:HG23	1:116:A:GLN:H	6	0.37
(34,1385)	1:46:A:ASN:HB3	1:134:A:VAL:HG21	14	0.37
(34,1385)	1:46:A:ASN:HB3	1:134:A:VAL:HG22	14	0.37
(34,1385)	1:46:A:ASN:HB3	1:134:A:VAL:HG23	14	0.37
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD11	4	0.37
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD12	4	0.37
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD13	4	0.37
(34,1238)	1:69:A:MET:HE1	1:110:A:MET:HA	8	0.37
(34,1238)	1:69:A:MET:HE2	1:110:A:MET:HA	8	0.37
(34,1238)	1:69:A:MET:HE3	1:110:A:MET:HA	8	0.37
(34,1238)	1:69:A:MET:HE1	1:110:A:MET:HA	13	0.37
(34,1238)	1:69:A:MET:HE2	1:110:A:MET:HA	13	0.37
(34,1238)	1:69:A:MET:HE3	1:110:A:MET:HA	13	0.37
(34,1217)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	18	0.37
(34,1217)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	18	0.37
(34,1217)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	18	0.37
(34,1195)	1:140:A:LEU:HA	1:140:A:LEU:HD21	4	0.37
(34,1195)	1:140:A:LEU:HA	1:140:A:LEU:HD22	4	0.37
(34,1195)	1:140:A:LEU:HA	1:140:A:LEU:HD23	4	0.37
(34,1177)	1:145:A:PRO:HB2	1:146:A:GLN:HA	8	0.37
(34,1153)	1:40:A:LEU:HA	1:44:A:GLU:HB2	18	0.37
(34,1153)	1:40:A:LEU:HA	1:44:A:GLU:HB3	18	0.37
(34,1097)	1:54:A:ARG:HA	1:58:A:ILE:HG13	18	0.37
(34,955)	1:60:A:LEU:HB3	1:117:A:VAL:HA	18	0.37
(34,934)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	4	0.37
(34,934)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	4	0.37
(34,911)	1:94:A:ALA:HA	1:95:A:ILE:HB	9	0.37
(34,911)	1:94:A:ALA:HA	1:95:A:ILE:HB	10	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,867)	1:39:A:VAL:H	1:139:A:LEU:HB2	5	0.37
(34,867)	1:39:A:VAL:H	1:139:A:LEU:HB3	5	0.37
(34,822)	1:98:A:ILE:HA	1:98:A:ILE:HD11	6	0.37
(34,822)	1:98:A:ILE:HA	1:98:A:ILE:HD12	6	0.37
(34,822)	1:98:A:ILE:HA	1:98:A:ILE:HD13	6	0.37
(34,725)	1:45:A:ALA:H	1:48:A:ARG:HE	5	0.37
(34,714)	1:27:A:ARG:HB3	1:27:A:ARG:HE	18	0.37
(34,714)	1:27:A:ARG:HB2	1:27:A:ARG:HE	18	0.37
(34,638)	1:9:A:PHE:HE1	1:58:A:ILE:H	14	0.37
(34,638)	1:9:A:PHE:HE2	1:58:A:ILE:H	14	0.37
(34,525)	1:105:A:LYS:H	1:106:A:ASP:HB3	17	0.37
(34,413)	1:119:A:LEU:H	1:119:A:LEU:HG	8	0.37
(34,382)	1:40:A:LEU:HB3	1:41:A:LYS:H	19	0.37
(34,330)	1:44:A:GLU:HG2	1:46:A:ASN:H	10	0.37
(34,303)	1:128:A:LEU:HB3	1:129:A:LYS:H	9	0.37
(34,279)	1:112:A:GLN:H	1:112:A:GLN:HE21	7	0.37
(34,185)	1:93:A:GLU:H	1:93:A:GLU:HG2	10	0.37
(34,185)	1:93:A:GLU:H	1:93:A:GLU:HG3	10	0.37
(34,115)	1:21:A:THR:HB	1:22:A:ASP:H	10	0.37
(33,2248)	1:69:A:MET:H	1:70:A:LYS:HG2	8	0.37
(33,2248)	1:69:A:MET:H	1:70:A:LYS:HG3	8	0.37
(33,2152)	1:43:A:MET:HE1	1:46:A:ASN:HD21	10	0.37
(33,2152)	1:43:A:MET:HE1	1:46:A:ASN:HD22	10	0.37
(33,2152)	1:43:A:MET:HE2	1:46:A:ASN:HD21	10	0.37
(33,2152)	1:43:A:MET:HE2	1:46:A:ASN:HD22	10	0.37
(33,2152)	1:43:A:MET:HE3	1:46:A:ASN:HD21	10	0.37
(33,2152)	1:43:A:MET:HE3	1:46:A:ASN:HD22	10	0.37
(33,2140)	1:41:A:LYS:HG2	1:42:A:GLU:HB2	19	0.37
(33,2140)	1:41:A:LYS:HG2	1:42:A:GLU:HB3	19	0.37
(33,2140)	1:41:A:LYS:HG3	1:42:A:GLU:HB2	19	0.37
(33,2140)	1:41:A:LYS:HG3	1:42:A:GLU:HB3	19	0.37
(33,2136)	1:40:A:LEU:HD11	1:44:A:GLU:H	15	0.37
(33,2136)	1:40:A:LEU:HD12	1:44:A:GLU:H	15	0.37
(33,2136)	1:40:A:LEU:HD13	1:44:A:GLU:H	15	0.37
(33,2136)	1:40:A:LEU:HD21	1:44:A:GLU:H	15	0.37
(33,2136)	1:40:A:LEU:HD22	1:44:A:GLU:H	15	0.37
(33,2136)	1:40:A:LEU:HD23	1:44:A:GLU:H	15	0.37
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD11	6	0.37
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD12	6	0.37
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD13	6	0.37
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD21	6	0.37
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD22	6	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD23	6	0.37
(33,2086)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	7	0.37
(33,2086)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	7	0.37
(33,2086)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	7	0.37
(33,2086)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	7	0.37
(33,2086)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	7	0.37
(33,2086)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	7	0.37
(33,1988)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	19	0.37
(33,1988)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	19	0.37
(33,1988)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	19	0.37
(33,1988)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	19	0.37
(33,1988)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	19	0.37
(33,1988)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	19	0.37
(33,1988)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	19	0.37
(33,1988)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	19	0.37
(33,1988)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	19	0.37
(33,1988)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	19	0.37
(33,1988)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	19	0.37
(33,1988)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	19	0.37
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	6	0.37
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	6	0.37
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	6	0.37
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	6	0.37
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	6	0.37
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	6	0.37
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	6	0.37
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	6	0.37
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	6	0.37
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	6	0.37
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	6	0.37
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	6	0.37
(33,1864)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	12	0.37
(33,1864)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	12	0.37
(33,1729)	1:19:A:ALA:H	1:132:A:ALA:HA	16	0.37
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG21	12	0.37
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG22	12	0.37
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG23	12	0.37
(33,1662)	1:110:A:MET:HB3	1:111:A:GLU:HB2	16	0.37
(33,1662)	1:110:A:MET:HB3	1:111:A:GLU:HB3	16	0.37
(33,1603)	1:24:A:ASP:HA	1:27:A:ARG:HA	7	0.37
(33,1555)	1:11:A:ILE:HD11	1:45:A:ALA:H	10	0.37
(33,1555)	1:11:A:ILE:HD12	1:45:A:ALA:H	10	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1555)	1:11:A:ILE:HD13	1:45:A:ALA:H	10	0.37
(33,1512)	1:110:A:MET:HE1	1:113:A:PHE:HE1	11	0.37
(33,1512)	1:110:A:MET:HE1	1:113:A:PHE:HE2	11	0.37
(33,1512)	1:110:A:MET:HE2	1:113:A:PHE:HE1	11	0.37
(33,1512)	1:110:A:MET:HE2	1:113:A:PHE:HE2	11	0.37
(33,1512)	1:110:A:MET:HE3	1:113:A:PHE:HE1	11	0.37
(33,1512)	1:110:A:MET:HE3	1:113:A:PHE:HE2	11	0.37
(33,1455)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	12	0.37
(33,1455)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	12	0.37
(33,1455)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	12	0.37
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG11	9	0.37
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG12	9	0.37
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG13	9	0.37
(33,1310)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	7	0.37
(33,1310)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	7	0.37
(33,1310)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	7	0.37
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD21	19	0.37
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD22	19	0.37
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD23	19	0.37
(33,1198)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	18	0.37
(33,1198)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	18	0.37
(33,1198)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	18	0.37
(33,1154)	1:145:A:PRO:HB2	1:146:A:GLN:HA	8	0.37
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD11	4	0.37
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD12	4	0.37
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD13	4	0.37
(33,991)	1:104:A:PHE:H	1:105:A:LYS:HB2	2	0.37
(33,991)	1:104:A:PHE:H	1:105:A:LYS:HB3	2	0.37
(33,922)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	4	0.37
(33,922)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	4	0.37
(33,921)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	8	0.37
(33,921)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	8	0.37
(33,921)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	8	0.37
(33,905)	1:21:A:THR:HB	1:22:A:ASP:H	18	0.37
(33,874)	1:56:A:CYS:H	1:122:A:ASP:HB2	13	0.37
(33,864)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	18	0.37
(33,864)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	18	0.37
(33,818)	1:98:A:ILE:HA	1:98:A:ILE:HD11	6	0.37
(33,818)	1:98:A:ILE:HA	1:98:A:ILE:HD12	6	0.37
(33,818)	1:98:A:ILE:HA	1:98:A:ILE:HD13	6	0.37
(33,801)	1:54:A:ARG:HE	1:58:A:ILE:HD11	4	0.37
(33,801)	1:54:A:ARG:HE	1:58:A:ILE:HD12	4	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,801)	1:54:A:ARG:HE	1:58:A:ILE:HD13	4	0.37
(33,747)	1:105:A:LYS:HG3	1:112:A:GLN:HE21	14	0.37
(33,715)	1:45:A:ALA:H	1:48:A:ARG:HE	5	0.37
(33,620)	1:96:A:VAL:H	1:97:A:ASP:H	6	0.37
(33,322)	1:44:A:GLU:HG2	1:46:A:ASN:H	10	0.37
(33,284)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.37
(33,215)	1:44:A:GLU:HB2	1:48:A:ARG:H	9	0.37
(33,215)	1:44:A:GLU:HB3	1:48:A:ARG:H	9	0.37
(33,177)	1:93:A:GLU:H	1:93:A:GLU:HG2	10	0.37
(33,177)	1:93:A:GLU:H	1:93:A:GLU:HG3	10	0.37
(33,58)	1:98:A:ILE:H	1:101:A:ILE:HG13	17	0.37
(33,35)	1:96:A:VAL:H	1:97:A:ASP:HB2	2	0.37
(33,35)	1:96:A:VAL:H	1:97:A:ASP:HB3	2	0.37
(32,2461)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	5	0.37
(32,2461)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	5	0.37
(32,2461)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	5	0.37
(32,2461)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	5	0.37
(32,2461)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	5	0.37
(32,2461)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	5	0.37
(32,2414)	1:129:A:LYS:HG2	1:130:A:GLY:H	19	0.37
(32,2414)	1:129:A:LYS:HG3	1:130:A:GLY:H	19	0.37
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD11	1	0.37
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD12	1	0.37
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD13	1	0.37
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD21	1	0.37
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD22	1	0.37
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD23	1	0.37
(32,2289)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	11	0.37
(32,2289)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	11	0.37
(32,2289)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	11	0.37
(32,2289)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	11	0.37
(32,2289)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	11	0.37
(32,2289)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	11	0.37
(32,2289)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	11	0.37
(32,2289)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	11	0.37
(32,2289)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	11	0.37
(32,2289)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	11	0.37
(32,2289)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	11	0.37
(32,2289)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	11	0.37
(32,2242)	1:69:A:MET:H	1:70:A:LYS:HG2	8	0.37
(32,2242)	1:69:A:MET:H	1:70:A:LYS:HG3	8	0.37
(32,2135)	1:43:A:MET:HE1	1:46:A:ASN:HD21	10	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2135)	1:43:A:MET:HE1	1:46:A:ASN:HD22	10	0.37
(32,2135)	1:43:A:MET:HE2	1:46:A:ASN:HD21	10	0.37
(32,2135)	1:43:A:MET:HE2	1:46:A:ASN:HD22	10	0.37
(32,2135)	1:43:A:MET:HE3	1:46:A:ASN:HD21	10	0.37
(32,2135)	1:43:A:MET:HE3	1:46:A:ASN:HD22	10	0.37
(32,2102)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	6	0.37
(32,2102)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	6	0.37
(32,2102)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	6	0.37
(32,2102)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	6	0.37
(32,2102)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	6	0.37
(32,2102)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	6	0.37
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD11	12	0.37
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD12	12	0.37
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD13	12	0.37
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD21	12	0.37
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD22	12	0.37
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD23	12	0.37
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD11	7	0.37
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD12	7	0.37
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD13	7	0.37
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD21	7	0.37
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD22	7	0.37
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD23	7	0.37
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD11	7	0.37
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD12	7	0.37
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD13	7	0.37
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD21	7	0.37
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD22	7	0.37
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD23	7	0.37
(32,1987)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	11	0.37
(32,1987)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	11	0.37
(32,1987)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	11	0.37
(32,1987)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	11	0.37
(32,1987)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	11	0.37
(32,1987)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	11	0.37
(32,1816)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	10	0.37
(32,1816)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	10	0.37
(32,1816)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	10	0.37
(32,1816)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	10	0.37
(32,1816)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	10	0.37
(32,1816)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	10	0.37
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG21	12	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG22	12	0.37
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG23	12	0.37
(32,1654)	1:43:A:MET:HG2	1:43:A:MET:HE1	6	0.37
(32,1654)	1:43:A:MET:HG2	1:43:A:MET:HE2	6	0.37
(32,1654)	1:43:A:MET:HG2	1:43:A:MET:HE3	6	0.37
(32,1654)	1:43:A:MET:HG2	1:43:A:MET:HE1	17	0.37
(32,1654)	1:43:A:MET:HG2	1:43:A:MET:HE2	17	0.37
(32,1654)	1:43:A:MET:HG2	1:43:A:MET:HE3	17	0.37
(32,1628)	1:110:A:MET:HB3	1:111:A:GLU:HB2	16	0.37
(32,1628)	1:110:A:MET:HB3	1:111:A:GLU:HB3	16	0.37
(32,1577)	1:24:A:ASP:HA	1:27:A:ARG:HA	7	0.37
(32,1526)	1:11:A:ILE:HD11	1:45:A:ALA:H	10	0.37
(32,1526)	1:11:A:ILE:HD12	1:45:A:ALA:H	10	0.37
(32,1526)	1:11:A:ILE:HD13	1:45:A:ALA:H	10	0.37
(32,1493)	1:69:A:MET:HE1	1:76:A:ARG:HG2	4	0.37
(32,1493)	1:69:A:MET:HE1	1:76:A:ARG:HG3	4	0.37
(32,1493)	1:69:A:MET:HE2	1:76:A:ARG:HG2	4	0.37
(32,1493)	1:69:A:MET:HE2	1:76:A:ARG:HG3	4	0.37
(32,1493)	1:69:A:MET:HE3	1:76:A:ARG:HG2	4	0.37
(32,1493)	1:69:A:MET:HE3	1:76:A:ARG:HG3	4	0.37
(32,1481)	1:110:A:MET:HE1	1:113:A:PHE:HE1	13	0.37
(32,1481)	1:110:A:MET:HE1	1:113:A:PHE:HE2	13	0.37
(32,1481)	1:110:A:MET:HE2	1:113:A:PHE:HE1	13	0.37
(32,1481)	1:110:A:MET:HE2	1:113:A:PHE:HE2	13	0.37
(32,1481)	1:110:A:MET:HE3	1:113:A:PHE:HE1	13	0.37
(32,1481)	1:110:A:MET:HE3	1:113:A:PHE:HE2	13	0.37
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	16	0.37
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	16	0.37
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	16	0.37
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	16	0.37
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	16	0.37
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	16	0.37
(32,1442)	1:95:A:ILE:HA	1:95:A:ILE:HG21	2	0.37
(32,1442)	1:95:A:ILE:HA	1:95:A:ILE:HG22	2	0.37
(32,1442)	1:95:A:ILE:HA	1:95:A:ILE:HG23	2	0.37
(32,1398)	1:50:A:ALA:HB1	1:127:A:CYS:HA	5	0.37
(32,1398)	1:50:A:ALA:HB2	1:127:A:CYS:HA	5	0.37
(32,1398)	1:50:A:ALA:HB3	1:127:A:CYS:HA	5	0.37
(32,1275)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	7	0.37
(32,1275)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	7	0.37
(32,1275)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	7	0.37
(32,1152)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	18	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1152)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	18	0.37
(32,1152)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	18	0.37
(32,1131)	1:140:A:LEU:HA	1:140:A:LEU:HD21	4	0.37
(32,1131)	1:140:A:LEU:HA	1:140:A:LEU:HD22	4	0.37
(32,1131)	1:140:A:LEU:HA	1:140:A:LEU:HD23	4	0.37
(32,1039)	1:54:A:ARG:HA	1:58:A:ILE:HG13	2	0.37
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD11	6	0.37
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD12	6	0.37
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD13	6	0.37
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	19	0.37
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	19	0.37
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	19	0.37
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	19	0.37
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	19	0.37
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	19	0.37
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	19	0.37
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	19	0.37
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	19	0.37
(32,697)	1:45:A:ALA:H	1:48:A:ARG:HE	5	0.37
(32,607)	1:35:A:LEU:H	1:80:A:TYR:HB2	1	0.37
(32,607)	1:35:A:LEU:H	1:80:A:TYR:HB2	10	0.37
(32,598)	1:55:A:GLY:H	1:58:A:ILE:HG13	8	0.37
(32,280)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.37
(32,265)	1:112:A:GLN:H	1:112:A:GLN:HE21	7	0.37
(32,192)	1:101:A:ILE:H	1:104:A:PHE:HD1	18	0.37
(32,192)	1:101:A:ILE:H	1:104:A:PHE:HD2	18	0.37
(32,169)	1:93:A:GLU:H	1:93:A:GLU:HG2	10	0.37
(32,169)	1:93:A:GLU:H	1:93:A:GLU:HG3	10	0.37
(32,49)	1:98:A:ILE:H	1:101:A:ILE:HG13	2	0.37
(32,31)	1:96:A:VAL:H	1:97:A:ASP:HB2	2	0.37
(32,31)	1:96:A:VAL:H	1:97:A:ASP:HB3	2	0.37
(30,2457)	1:140:A:LEU:HD11	1:144:A:LEU:H	3	0.37
(30,2457)	1:140:A:LEU:HD12	1:144:A:LEU:H	3	0.37
(30,2457)	1:140:A:LEU:HD13	1:144:A:LEU:H	3	0.37
(30,2457)	1:140:A:LEU:HD21	1:144:A:LEU:H	3	0.37
(30,2457)	1:140:A:LEU:HD22	1:144:A:LEU:H	3	0.37
(30,2457)	1:140:A:LEU:HD23	1:144:A:LEU:H	3	0.37
(30,2457)	1:140:A:LEU:HD11	1:144:A:LEU:H	9	0.37
(30,2457)	1:140:A:LEU:HD12	1:144:A:LEU:H	9	0.37
(30,2457)	1:140:A:LEU:HD13	1:144:A:LEU:H	9	0.37
(30,2457)	1:140:A:LEU:HD21	1:144:A:LEU:H	9	0.37
(30,2457)	1:140:A:LEU:HD22	1:144:A:LEU:H	9	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2457)	1:140:A:LEU:HD23	1:144:A:LEU:H	9	0.37
(30,2449)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	5	0.37
(30,2449)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	5	0.37
(30,2449)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	5	0.37
(30,2449)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	5	0.37
(30,2449)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	5	0.37
(30,2449)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	5	0.37
(30,2253)	1:69:A:MET:HE1	1:116:A:GLN:HE21	6	0.37
(30,2253)	1:69:A:MET:HE1	1:116:A:GLN:HE22	6	0.37
(30,2253)	1:69:A:MET:HE2	1:116:A:GLN:HE21	6	0.37
(30,2253)	1:69:A:MET:HE2	1:116:A:GLN:HE22	6	0.37
(30,2253)	1:69:A:MET:HE3	1:116:A:GLN:HE21	6	0.37
(30,2253)	1:69:A:MET:HE3	1:116:A:GLN:HE22	6	0.37
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD11	2	0.37
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD12	2	0.37
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD13	2	0.37
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD21	2	0.37
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD22	2	0.37
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD23	2	0.37
(30,2184)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	19	0.37
(30,2184)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	19	0.37
(30,2184)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	19	0.37
(30,2184)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	19	0.37
(30,2184)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	19	0.37
(30,2184)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	19	0.37
(30,2184)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	19	0.37
(30,2184)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	19	0.37
(30,2184)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	19	0.37
(30,2184)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	19	0.37
(30,2184)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	19	0.37
(30,2184)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	19	0.37
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	19	0.37
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	19	0.37
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	19	0.37
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	19	0.37
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	19	0.37
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	19	0.37
(30,2082)	1:35:A:LEU:HD11	1:143:A:TRP:HA	13	0.37
(30,2082)	1:35:A:LEU:HD12	1:143:A:TRP:HA	13	0.37
(30,2082)	1:35:A:LEU:HD13	1:143:A:TRP:HA	13	0.37
(30,2082)	1:35:A:LEU:HD21	1:143:A:TRP:HA	13	0.37
(30,2082)	1:35:A:LEU:HD22	1:143:A:TRP:HA	13	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2082)	1:35:A:LEU:HD23	1:143:A:TRP:HA	13	0.37
(30,1912)	1:35:A:LEU:HG	1:80:A:TYR:HE1	14	0.37
(30,1912)	1:35:A:LEU:HG	1:80:A:TYR:HE2	14	0.37
(30,1857)	1:9:A:PHE:HZ	1:11:A:ILE:HA	7	0.37
(30,1848)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	8	0.37
(30,1848)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	8	0.37
(30,1848)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	8	0.37
(30,1848)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	8	0.37
(30,1848)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	8	0.37
(30,1848)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	8	0.37
(30,1787)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	15	0.37
(30,1787)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	15	0.37
(30,1769)	1:97:A:ASP:HA	1:105:A:LYS:HA	5	0.37
(30,1663)	1:69:A:MET:HE1	1:116:A:GLN:HE22	6	0.37
(30,1663)	1:69:A:MET:HE2	1:116:A:GLN:HE22	6	0.37
(30,1663)	1:69:A:MET:HE3	1:116:A:GLN:HE22	6	0.37
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG11	3	0.37
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG12	3	0.37
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG13	3	0.37
(30,1567)	1:11:A:ILE:HD11	1:45:A:ALA:H	10	0.37
(30,1567)	1:11:A:ILE:HD12	1:45:A:ALA:H	10	0.37
(30,1567)	1:11:A:ILE:HD13	1:45:A:ALA:H	10	0.37
(30,1518)	1:110:A:MET:HE1	1:113:A:PHE:HE1	11	0.37
(30,1518)	1:110:A:MET:HE1	1:113:A:PHE:HE2	11	0.37
(30,1518)	1:110:A:MET:HE2	1:113:A:PHE:HE1	11	0.37
(30,1518)	1:110:A:MET:HE2	1:113:A:PHE:HE2	11	0.37
(30,1518)	1:110:A:MET:HE3	1:113:A:PHE:HE1	11	0.37
(30,1518)	1:110:A:MET:HE3	1:113:A:PHE:HE2	11	0.37
(30,1478)	1:101:A:ILE:HG21	1:116:A:GLN:H	6	0.37
(30,1478)	1:101:A:ILE:HG22	1:116:A:GLN:H	6	0.37
(30,1478)	1:101:A:ILE:HG23	1:116:A:GLN:H	6	0.37
(30,1300)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	7	0.37
(30,1300)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	7	0.37
(30,1300)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	7	0.37
(30,1123)	1:140:A:LEU:HA	1:144:A:LEU:HD21	16	0.37
(30,1123)	1:140:A:LEU:HA	1:144:A:LEU:HD22	16	0.37
(30,1123)	1:140:A:LEU:HA	1:144:A:LEU:HD23	16	0.37
(30,1113)	1:143:A:TRP:HA	1:143:A:TRP:HE3	19	0.37
(30,1087)	1:136:A:CYS:HB3	1:141:A:LYS:HA	18	0.37
(30,956)	1:11:A:ILE:HD11	1:43:A:MET:HB3	14	0.37
(30,956)	1:11:A:ILE:HD12	1:43:A:MET:HB3	14	0.37
(30,956)	1:11:A:ILE:HD13	1:43:A:MET:HB3	14	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,812)	1:98:A:ILE:HA	1:98:A:ILE:HD11	6	0.37
(30,812)	1:98:A:ILE:HA	1:98:A:ILE:HD12	6	0.37
(30,812)	1:98:A:ILE:HA	1:98:A:ILE:HD13	6	0.37
(30,712)	1:45:A:ALA:H	1:48:A:ARG:HE	5	0.37
(30,613)	1:55:A:GLY:H	1:58:A:ILE:HG13	8	0.37
(30,581)	1:129:A:LYS:HG2	1:130:A:GLY:H	3	0.37
(30,511)	1:105:A:LYS:H	1:106:A:ASP:HB3	17	0.37
(30,323)	1:44:A:GLU:HG2	1:46:A:ASN:H	10	0.37
(30,288)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.37
(30,249)	1:58:A:ILE:H	1:58:A:ILE:HG13	17	0.37
(30,178)	1:93:A:GLU:H	1:93:A:GLU:HG2	10	0.37
(30,178)	1:93:A:GLU:H	1:93:A:GLU:HG3	10	0.37
(30,32)	1:96:A:VAL:H	1:97:A:ASP:HB2	2	0.37
(30,32)	1:96:A:VAL:H	1:97:A:ASP:HB3	2	0.37
(29,2381)	1:129:A:LYS:HB2	1:133:A:ASN:HB2	9	0.37
(29,2381)	1:129:A:LYS:HB2	1:133:A:ASN:HB3	9	0.37
(29,2381)	1:129:A:LYS:HB3	1:133:A:ASN:HB2	9	0.37
(29,2381)	1:129:A:LYS:HB3	1:133:A:ASN:HB3	9	0.37
(29,2286)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	1	0.37
(29,2286)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	1	0.37
(29,2286)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	1	0.37
(29,2286)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	1	0.37
(29,2286)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	1	0.37
(29,2286)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	1	0.37
(29,2286)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	1	0.37
(29,2286)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	1	0.37
(29,2286)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	1	0.37
(29,2286)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	1	0.37
(29,2286)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	1	0.37
(29,2286)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	1	0.37
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	13	0.37
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	13	0.37
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	13	0.37
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	13	0.37
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	13	0.37
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	13	0.37
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	13	0.37
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	13	0.37
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	13	0.37
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	13	0.37
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	13	0.37
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	13	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	13	0.37
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	13	0.37
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	13	0.37
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	13	0.37
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	13	0.37
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	13	0.37
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	14	0.37
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	14	0.37
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	14	0.37
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	14	0.37
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	14	0.37
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	14	0.37
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	14	0.37
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	14	0.37
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	14	0.37
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	14	0.37
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	14	0.37
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	14	0.37
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	14	0.37
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	14	0.37
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	14	0.37
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	14	0.37
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	14	0.37
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	14	0.37
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	19	0.37
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	19	0.37
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	19	0.37
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	19	0.37
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	19	0.37
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	19	0.37
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	19	0.37
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	19	0.37
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	19	0.37
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	19	0.37
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	19	0.37
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	19	0.37
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	19	0.37
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	19	0.37
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	19	0.37
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	19	0.37
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	19	0.37
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	19	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD11	1	0.37
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD12	1	0.37
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD13	1	0.37
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD21	1	0.37
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD22	1	0.37
(29,2156)	1:43:A:MET:HG2	1:144:A:LEU:HD23	1	0.37
(29,2130)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	6	0.37
(29,2130)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	6	0.37
(29,2130)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	6	0.37
(29,2130)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	6	0.37
(29,2130)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	6	0.37
(29,2130)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	6	0.37
(29,1860)	1:59:A:CYS:HA	1:62:A:HIS:HD2	15	0.37
(29,1718)	1:43:A:MET:HG2	1:43:A:MET:HE1	6	0.37
(29,1718)	1:43:A:MET:HG2	1:43:A:MET:HE2	6	0.37
(29,1718)	1:43:A:MET:HG2	1:43:A:MET:HE3	6	0.37
(29,1718)	1:43:A:MET:HG2	1:43:A:MET:HE1	17	0.37
(29,1718)	1:43:A:MET:HG2	1:43:A:MET:HE2	17	0.37
(29,1718)	1:43:A:MET:HG2	1:43:A:MET:HE3	17	0.37
(29,1593)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	10	0.37
(29,1593)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	10	0.37
(29,1593)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	10	0.37
(29,1578)	1:11:A:ILE:HD11	1:45:A:ALA:H	10	0.37
(29,1578)	1:11:A:ILE:HD12	1:45:A:ALA:H	10	0.37
(29,1578)	1:11:A:ILE:HD13	1:45:A:ALA:H	10	0.37
(29,1532)	1:110:A:MET:HE1	1:113:A:PHE:HE1	11	0.37
(29,1532)	1:110:A:MET:HE1	1:113:A:PHE:HE2	11	0.37
(29,1532)	1:110:A:MET:HE2	1:113:A:PHE:HE1	11	0.37
(29,1532)	1:110:A:MET:HE2	1:113:A:PHE:HE2	11	0.37
(29,1532)	1:110:A:MET:HE3	1:113:A:PHE:HE1	11	0.37
(29,1532)	1:110:A:MET:HE3	1:113:A:PHE:HE2	11	0.37
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE1	6	0.37
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE2	6	0.37
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE3	6	0.37
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE1	12	0.37
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE2	12	0.37
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE3	12	0.37
(29,1488)	1:101:A:ILE:HG21	1:116:A:GLN:H	6	0.37
(29,1488)	1:101:A:ILE:HG22	1:116:A:GLN:H	6	0.37
(29,1488)	1:101:A:ILE:HG23	1:116:A:GLN:H	6	0.37
(29,1483)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	3	0.37
(29,1464)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	12	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1464)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	12	0.37
(29,1464)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	12	0.37
(29,1408)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	8	0.37
(29,1408)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	8	0.37
(29,1408)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	8	0.37
(29,1408)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	8	0.37
(29,1408)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	8	0.37
(29,1408)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	8	0.37
(29,1408)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	8	0.37
(29,1408)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	8	0.37
(29,1408)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	8	0.37
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG11	9	0.37
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG12	9	0.37
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG13	9	0.37
(29,1317)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	7	0.37
(29,1317)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	7	0.37
(29,1317)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	7	0.37
(29,1243)	1:140:A:LEU:HA	1:144:A:LEU:HD21	16	0.37
(29,1243)	1:140:A:LEU:HA	1:144:A:LEU:HD22	16	0.37
(29,1243)	1:140:A:LEU:HA	1:144:A:LEU:HD23	16	0.37
(29,1205)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	18	0.37
(29,1205)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	18	0.37
(29,1205)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	18	0.37
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD21	13	0.37
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD22	13	0.37
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD23	13	0.37
(29,1180)	1:140:A:LEU:HD21	1:144:A:LEU:H	15	0.37
(29,1180)	1:140:A:LEU:HD22	1:144:A:LEU:H	15	0.37
(29,1180)	1:140:A:LEU:HD23	1:144:A:LEU:H	15	0.37
(29,1163)	1:145:A:PRO:HB2	1:146:A:GLN:HA	8	0.37
(29,1133)	1:143:A:TRP:HA	1:143:A:TRP:HE3	19	0.37
(29,1019)	1:27:A:ARG:HB2	1:28:A:GLY:H	9	0.37
(29,977)	1:141:A:LYS:HB2	1:149:A:ALA:HA	6	0.37
(29,977)	1:141:A:LYS:HB3	1:149:A:ALA:HA	6	0.37
(29,938)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	18	0.37
(29,938)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	18	0.37
(29,938)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	18	0.37
(29,938)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	18	0.37
(29,830)	1:98:A:ILE:HA	1:98:A:ILE:HD11	6	0.37
(29,830)	1:98:A:ILE:HA	1:98:A:ILE:HD12	6	0.37
(29,830)	1:98:A:ILE:HA	1:98:A:ILE:HD13	6	0.37
(29,824)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	2	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,824)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	2	0.37
(29,824)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	2	0.37
(29,824)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	14	0.37
(29,824)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	14	0.37
(29,824)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	14	0.37
(29,816)	1:55:A:GLY:H	1:58:A:ILE:HD11	10	0.37
(29,816)	1:55:A:GLY:H	1:58:A:ILE:HD12	10	0.37
(29,816)	1:55:A:GLY:H	1:58:A:ILE:HD13	10	0.37
(29,773)	1:37:A:LEU:H	1:40:A:LEU:HB3	2	0.37
(29,704)	1:98:A:ILE:H	1:100:A:ALA:H	6	0.37
(29,595)	1:75:A:GLY:H	1:76:A:ARG:HG2	8	0.37
(29,595)	1:75:A:GLY:H	1:76:A:ARG:HG3	8	0.37
(29,595)	1:75:A:GLY:H	1:76:A:ARG:HG2	18	0.37
(29,595)	1:75:A:GLY:H	1:76:A:ARG:HG3	18	0.37
(29,427)	1:100:A:ALA:H	1:101:A:ILE:HG12	2	0.37
(29,321)	1:44:A:GLU:HG2	1:46:A:ASN:H	10	0.37
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE1	6	0.37
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE2	6	0.37
(29,308)	1:65:A:CYS:H	1:69:A:MET:HE3	6	0.37
(29,287)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.37
(29,206)	1:101:A:ILE:H	1:104:A:PHE:HD1	18	0.37
(29,206)	1:101:A:ILE:H	1:104:A:PHE:HD2	18	0.37
(29,196)	1:44:A:GLU:H	1:44:A:GLU:HG2	4	0.37
(29,112)	1:69:A:MET:H	1:73:A:ILE:HD11	1	0.37
(29,112)	1:69:A:MET:H	1:73:A:ILE:HD12	1	0.37
(29,112)	1:69:A:MET:H	1:73:A:ILE:HD13	1	0.37
(29,108)	1:69:A:MET:H	1:69:A:MET:HE1	9	0.37
(29,108)	1:69:A:MET:H	1:69:A:MET:HE2	9	0.37
(29,108)	1:69:A:MET:H	1:69:A:MET:HE3	9	0.37
(23,9)	1:73:A:ILE:N	1:69:A:MET:O	3	0.37
(23,4)	1:45:A:ALA:N	1:41:A:LYS:O	7	0.37
(22,40)	1:128:A:LEU:N	1:124:A:THR:C	1	0.37
(22,27)	1:115:A:ALA:H	1:111:A:GLU:C	19	0.37
(22,17)	1:73:A:ILE:H	1:69:A:MET:C	12	0.37
(22,15)	1:61:A:SER:H	1:57:A:LEU:C	9	0.37
(22,12)	1:59:A:CYS:N	1:55:A:GLY:C	4	0.37
(22,12)	1:59:A:CYS:N	1:55:A:GLY:C	17	0.37
(22,11)	1:59:A:CYS:H	1:55:A:GLY:C	8	0.37
(22,6)	1:44:A:GLU:N	1:40:A:LEU:C	17	0.37
(22,5)	1:44:A:GLU:H	1:40:A:LEU:C	11	0.37
(22,5)	1:44:A:GLU:H	1:40:A:LEU:C	15	0.37
(22,3)	1:39:A:VAL:H	1:36:A:PRO:C	8	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(22,1)	1:17:A:ASN:H	1:13:A:ALA:C	5	0.37
(18,2452)	1:141:A:LYS:HA	1:144:A:LEU:HD11	10	0.37
(18,2452)	1:141:A:LYS:HA	1:144:A:LEU:HD12	10	0.37
(18,2452)	1:141:A:LYS:HA	1:144:A:LEU:HD13	10	0.37
(18,2452)	1:141:A:LYS:HA	1:144:A:LEU:HD21	10	0.37
(18,2452)	1:141:A:LYS:HA	1:144:A:LEU:HD22	10	0.37
(18,2452)	1:141:A:LYS:HA	1:144:A:LEU:HD23	10	0.37
(18,2440)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	5	0.37
(18,2440)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	5	0.37
(18,2440)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	5	0.37
(18,2440)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	5	0.37
(18,2440)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	5	0.37
(18,2440)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	5	0.37
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD11	16	0.37
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD12	16	0.37
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD13	16	0.37
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD21	16	0.37
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD22	16	0.37
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD23	16	0.37
(18,2316)	1:107:A:LEU:HD11	1:108:A:GLU:H	5	0.37
(18,2316)	1:107:A:LEU:HD12	1:108:A:GLU:H	5	0.37
(18,2316)	1:107:A:LEU:HD13	1:108:A:GLU:H	5	0.37
(18,2316)	1:107:A:LEU:HD21	1:108:A:GLU:H	5	0.37
(18,2316)	1:107:A:LEU:HD22	1:108:A:GLU:H	5	0.37
(18,2316)	1:107:A:LEU:HD23	1:108:A:GLU:H	5	0.37
(18,2277)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	15	0.37
(18,2277)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	15	0.37
(18,2277)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	15	0.37
(18,2277)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	15	0.37
(18,2277)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	15	0.37
(18,2277)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	15	0.37
(18,2194)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	17	0.37
(18,2194)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	17	0.37
(18,2194)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	17	0.37
(18,2194)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	17	0.37
(18,2194)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	17	0.37
(18,2194)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	17	0.37
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG11	10	0.37
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG12	10	0.37
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG13	10	0.37
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG21	10	0.37
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG22	10	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG23	10	0.37
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG11	10	0.37
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG12	10	0.37
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG13	10	0.37
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG21	10	0.37
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG22	10	0.37
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG23	10	0.37
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG11	10	0.37
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG12	10	0.37
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG13	10	0.37
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG21	10	0.37
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG22	10	0.37
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG23	10	0.37
(18,2110)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	7	0.37
(18,2110)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	7	0.37
(18,2110)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	7	0.37
(18,2110)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	7	0.37
(18,2110)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	7	0.37
(18,2110)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	7	0.37
(18,2110)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	7	0.37
(18,2110)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	7	0.37
(18,2110)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	7	0.37
(18,2110)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	7	0.37
(18,2110)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	7	0.37
(18,2110)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	7	0.37
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD11	17	0.37
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD12	17	0.37
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD13	17	0.37
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD21	17	0.37
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD22	17	0.37
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD23	17	0.37
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	14	0.37
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	14	0.37
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	14	0.37
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	14	0.37
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	14	0.37
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	14	0.37
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	14	0.37
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	14	0.37
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	14	0.37
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	14	0.37
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	14	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	14	0.37
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD11	16	0.37
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD12	16	0.37
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD13	16	0.37
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD21	16	0.37
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD22	16	0.37
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD23	16	0.37
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD11	16	0.37
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD12	16	0.37
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD13	16	0.37
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD21	16	0.37
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD22	16	0.37
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD23	16	0.37
(18,1975)	1:12:A:VAL:HG11	1:43:A:MET:HB2	4	0.37
(18,1975)	1:12:A:VAL:HG12	1:43:A:MET:HB2	4	0.37
(18,1975)	1:12:A:VAL:HG13	1:43:A:MET:HB2	4	0.37
(18,1975)	1:12:A:VAL:HG21	1:43:A:MET:HB2	4	0.37
(18,1975)	1:12:A:VAL:HG22	1:43:A:MET:HB2	4	0.37
(18,1975)	1:12:A:VAL:HG23	1:43:A:MET:HB2	4	0.37
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG11	5	0.37
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG12	5	0.37
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG13	5	0.37
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG21	5	0.37
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG22	5	0.37
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG23	5	0.37
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD11	10	0.37
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD12	10	0.37
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD13	10	0.37
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD21	10	0.37
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD22	10	0.37
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD23	10	0.37
(18,1885)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	14	0.37
(18,1885)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	14	0.37
(18,1843)	1:9:A:PHE:HZ	1:11:A:ILE:HA	7	0.37
(18,1778)	1:68:A:LYS:HA	1:72:A:PHE:HD1	3	0.37
(18,1778)	1:68:A:LYS:HA	1:72:A:PHE:HD2	3	0.37
(18,1712)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	7	0.37
(18,1712)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	7	0.37
(18,1712)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	7	0.37
(18,1696)	1:67:A:PRO:HD2	1:95:A:ILE:HA	9	0.37
(18,1683)	1:43:A:MET:HG2	1:43:A:MET:HE1	6	0.37
(18,1683)	1:43:A:MET:HG2	1:43:A:MET:HE2	6	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1683)	1:43:A:MET:HG2	1:43:A:MET:HE3	6	0.37
(18,1683)	1:43:A:MET:HG2	1:43:A:MET:HE1	17	0.37
(18,1683)	1:43:A:MET:HG2	1:43:A:MET:HE2	17	0.37
(18,1683)	1:43:A:MET:HG2	1:43:A:MET:HE3	17	0.37
(18,1635)	1:12:A:VAL:HG11	1:15:A:ALA:HB1	6	0.37
(18,1635)	1:12:A:VAL:HG11	1:15:A:ALA:HB2	6	0.37
(18,1635)	1:12:A:VAL:HG11	1:15:A:ALA:HB3	6	0.37
(18,1635)	1:12:A:VAL:HG12	1:15:A:ALA:HB1	6	0.37
(18,1635)	1:12:A:VAL:HG12	1:15:A:ALA:HB2	6	0.37
(18,1635)	1:12:A:VAL:HG12	1:15:A:ALA:HB3	6	0.37
(18,1635)	1:12:A:VAL:HG13	1:15:A:ALA:HB1	6	0.37
(18,1635)	1:12:A:VAL:HG13	1:15:A:ALA:HB2	6	0.37
(18,1635)	1:12:A:VAL:HG13	1:15:A:ALA:HB3	6	0.37
(18,1597)	1:24:A:ASP:HA	1:27:A:ARG:HA	7	0.37
(18,1550)	1:11:A:ILE:HD11	1:45:A:ALA:H	10	0.37
(18,1550)	1:11:A:ILE:HD12	1:45:A:ALA:H	10	0.37
(18,1550)	1:11:A:ILE:HD13	1:45:A:ALA:H	10	0.37
(18,1531)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	16	0.37
(18,1531)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	16	0.37
(18,1531)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	16	0.37
(18,1531)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	16	0.37
(18,1531)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	16	0.37
(18,1531)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	16	0.37
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG21	9	0.37
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG22	9	0.37
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG23	9	0.37
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG21	15	0.37
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG22	15	0.37
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG23	15	0.37
(18,1465)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	3	0.37
(18,1300)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	7	0.37
(18,1300)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	7	0.37
(18,1300)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	7	0.37
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	5	0.37
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	5	0.37
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	5	0.37
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	5	0.37
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	5	0.37
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	5	0.37
(18,1196)	1:23:A:LEU:HD21	1:24:A:ASP:H	12	0.37
(18,1196)	1:23:A:LEU:HD22	1:24:A:ASP:H	12	0.37
(18,1196)	1:23:A:LEU:HD23	1:24:A:ASP:H	12	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1176)	1:140:A:LEU:HA	1:140:A:LEU:HD21	4	0.37
(18,1176)	1:140:A:LEU:HA	1:140:A:LEU:HD22	4	0.37
(18,1176)	1:140:A:LEU:HA	1:140:A:LEU:HD23	4	0.37
(18,1135)	1:40:A:LEU:HA	1:44:A:GLU:HB2	7	0.37
(18,1135)	1:40:A:LEU:HA	1:44:A:GLU:HB3	7	0.37
(18,1135)	1:40:A:LEU:HA	1:44:A:GLU:HB2	13	0.37
(18,1135)	1:40:A:LEU:HA	1:44:A:GLU:HB3	13	0.37
(18,1124)	1:43:A:MET:HA	1:43:A:MET:HG3	1	0.37
(18,1082)	1:54:A:ARG:HA	1:58:A:ILE:HG13	2	0.37
(18,1022)	1:27:A:ARG:HB2	1:28:A:GLY:H	9	0.37
(18,970)	1:66:A:THR:H	1:96:A:VAL:HB	17	0.37
(18,937)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	18	0.37
(18,937)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	18	0.37
(18,937)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	18	0.37
(18,937)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	18	0.37
(18,927)	1:125:A:THR:HB	1:128:A:LEU:HB2	6	0.37
(18,827)	1:98:A:ILE:HA	1:98:A:ILE:HD11	6	0.37
(18,827)	1:98:A:ILE:HA	1:98:A:ILE:HD12	6	0.37
(18,827)	1:98:A:ILE:HA	1:98:A:ILE:HD13	6	0.37
(18,820)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	2	0.37
(18,820)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	2	0.37
(18,820)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	2	0.37
(18,820)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	14	0.37
(18,820)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	14	0.37
(18,820)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	14	0.37
(18,811)	1:54:A:ARG:HE	1:58:A:ILE:HD11	4	0.37
(18,811)	1:54:A:ARG:HE	1:58:A:ILE:HD12	4	0.37
(18,811)	1:54:A:ARG:HE	1:58:A:ILE:HD13	4	0.37
(18,739)	1:16:A:SER:H	1:17:A:ASN:HD21	8	0.37
(18,729)	1:45:A:ALA:H	1:48:A:ARG:HE	5	0.37
(18,719)	1:27:A:ARG:HB3	1:27:A:ARG:HE	18	0.37
(18,719)	1:27:A:ARG:HB2	1:27:A:ARG:HE	18	0.37
(18,663)	1:70:A:LYS:H	1:71:A:LYS:HB3	9	0.37
(18,642)	1:9:A:PHE:HE1	1:58:A:ILE:H	14	0.37
(18,642)	1:9:A:PHE:HE2	1:58:A:ILE:H	14	0.37
(18,634)	1:96:A:VAL:H	1:97:A:ASP:H	6	0.37
(18,568)	1:73:A:ILE:HD11	1:110:A:MET:H	13	0.37
(18,568)	1:73:A:ILE:HD12	1:110:A:MET:H	13	0.37
(18,568)	1:73:A:ILE:HD13	1:110:A:MET:H	13	0.37
(18,528)	1:105:A:LYS:H	1:106:A:ASP:HB3	17	0.37
(18,500)	1:79:A:THR:H	1:79:A:THR:HG21	10	0.37
(18,500)	1:79:A:THR:H	1:79:A:THR:HG22	10	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,500)	1:79:A:THR:H	1:79:A:THR:HG23	10	0.37
(18,485)	1:48:A:ARG:HA	1:53:A:THR:H	12	0.37
(18,407)	1:105:A:LYS:HG3	1:106:A:ASP:H	13	0.37
(18,295)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.37
(18,250)	1:58:A:ILE:H	1:58:A:ILE:HG13	17	0.37
(18,223)	1:44:A:GLU:HB2	1:48:A:ARG:H	9	0.37
(18,223)	1:44:A:GLU:HB3	1:48:A:ARG:H	9	0.37
(18,207)	1:101:A:ILE:H	1:104:A:PHE:HD1	18	0.37
(18,207)	1:101:A:ILE:H	1:104:A:PHE:HD2	18	0.37
(18,183)	1:93:A:GLU:H	1:93:A:GLU:HG2	10	0.37
(18,183)	1:93:A:GLU:H	1:93:A:GLU:HG3	10	0.37
(18,114)	1:21:A:THR:HB	1:22:A:ASP:H	10	0.37
(17,2293)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	16	0.37
(17,2293)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	16	0.37
(17,2293)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	16	0.37
(17,2293)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	16	0.37
(17,2293)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	16	0.37
(17,2293)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	16	0.37
(17,2134)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	6	0.37
(17,2134)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	6	0.37
(17,2134)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	6	0.37
(17,2134)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	6	0.37
(17,2134)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	6	0.37
(17,2134)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	6	0.37
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD11	1	0.37
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD12	1	0.37
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD13	1	0.37
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD21	1	0.37
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD22	1	0.37
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD23	1	0.37
(17,2007)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	12	0.37
(17,2007)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	12	0.37
(17,2007)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	12	0.37
(17,2007)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	12	0.37
(17,2007)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	12	0.37
(17,2007)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	12	0.37
(17,1991)	1:13:A:ALA:H	1:40:A:LEU:HD11	14	0.37
(17,1991)	1:13:A:ALA:H	1:40:A:LEU:HD12	14	0.37
(17,1991)	1:13:A:ALA:H	1:40:A:LEU:HD13	14	0.37
(17,1991)	1:13:A:ALA:H	1:40:A:LEU:HD21	14	0.37
(17,1991)	1:13:A:ALA:H	1:40:A:LEU:HD22	14	0.37
(17,1991)	1:13:A:ALA:H	1:40:A:LEU:HD23	14	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1808)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	2	0.37
(17,1808)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	2	0.37
(17,1808)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	2	0.37
(17,1808)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	2	0.37
(17,1808)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	2	0.37
(17,1808)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	2	0.37
(17,1776)	1:141:A:LYS:HA	1:148:A:CYS:H	11	0.37
(17,1703)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.37
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD21	12	0.37
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD22	12	0.37
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD23	12	0.37
(17,1502)	1:101:A:ILE:HG21	1:116:A:GLN:H	6	0.37
(17,1502)	1:101:A:ILE:HG22	1:116:A:GLN:H	6	0.37
(17,1502)	1:101:A:ILE:HG23	1:116:A:GLN:H	6	0.37
(17,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	12	0.37
(17,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	12	0.37
(17,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	12	0.37
(17,1382)	1:46:A:ASN:HB3	1:134:A:VAL:HG21	14	0.37
(17,1382)	1:46:A:ASN:HB3	1:134:A:VAL:HG22	14	0.37
(17,1382)	1:46:A:ASN:HB3	1:134:A:VAL:HG23	14	0.37
(17,1314)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	7	0.37
(17,1314)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	7	0.37
(17,1314)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	7	0.37
(17,1266)	1:12:A:VAL:HG11	1:40:A:LEU:HA	1	0.37
(17,1266)	1:12:A:VAL:HG12	1:40:A:LEU:HA	1	0.37
(17,1266)	1:12:A:VAL:HG13	1:40:A:LEU:HA	1	0.37
(17,1240)	1:136:A:CYS:HA	1:140:A:LEU:HD11	11	0.37
(17,1240)	1:136:A:CYS:HA	1:140:A:LEU:HD12	11	0.37
(17,1240)	1:136:A:CYS:HA	1:140:A:LEU:HD13	11	0.37
(17,1104)	1:141:A:LYS:HA	1:148:A:CYS:HB2	8	0.37
(17,1090)	1:38:A:GLU:HA	1:139:A:LEU:HD11	9	0.37
(17,1090)	1:38:A:GLU:HA	1:139:A:LEU:HD12	9	0.37
(17,1090)	1:38:A:GLU:HA	1:139:A:LEU:HD13	9	0.37
(17,1090)	1:38:A:GLU:HA	1:139:A:LEU:HD11	11	0.37
(17,1090)	1:38:A:GLU:HA	1:139:A:LEU:HD12	11	0.37
(17,1090)	1:38:A:GLU:HA	1:139:A:LEU:HD13	11	0.37
(17,1014)	1:27:A:ARG:HB2	1:28:A:GLY:H	9	0.37
(17,999)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	13	0.37
(17,999)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	13	0.37
(17,998)	1:63:A:ILE:HA	1:64:A:LYS:HD2	3	0.37
(17,998)	1:63:A:ILE:HA	1:64:A:LYS:HD3	3	0.37
(17,998)	1:63:A:ILE:HA	1:64:A:LYS:HD2	4	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,998)	1:63:A:ILE:HA	1:64:A:LYS:HD3	4	0.37
(17,977)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	8	0.37
(17,977)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	8	0.37
(17,977)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	8	0.37
(17,919)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	4	0.37
(17,919)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	4	0.37
(17,873)	1:121:A:VAL:H	1:122:A:ASP:HB2	15	0.37
(17,825)	1:98:A:ILE:HA	1:98:A:ILE:HD11	6	0.37
(17,825)	1:98:A:ILE:HA	1:98:A:ILE:HD12	6	0.37
(17,825)	1:98:A:ILE:HA	1:98:A:ILE:HD13	6	0.37
(17,817)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	2	0.37
(17,817)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	2	0.37
(17,817)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	2	0.37
(17,817)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	14	0.37
(17,817)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	14	0.37
(17,817)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	14	0.37
(17,718)	1:45:A:ALA:H	1:48:A:ARG:HE	5	0.37
(17,631)	1:9:A:PHE:HE1	1:58:A:ILE:H	14	0.37
(17,631)	1:9:A:PHE:HE2	1:58:A:ILE:H	14	0.37
(17,506)	1:105:A:LYS:H	1:106:A:ASP:HB3	17	0.37
(17,481)	1:79:A:THR:H	1:79:A:THR:HG21	10	0.37
(17,481)	1:79:A:THR:H	1:79:A:THR:HG22	10	0.37
(17,481)	1:79:A:THR:H	1:79:A:THR:HG23	10	0.37
(17,428)	1:68:A:LYS:H	1:68:A:LYS:HE2	2	0.37
(17,428)	1:68:A:LYS:H	1:68:A:LYS:HE3	2	0.37
(17,320)	1:44:A:GLU:HG2	1:46:A:ASN:H	10	0.37
(17,285)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.37
(17,214)	1:44:A:GLU:HB2	1:48:A:ARG:H	9	0.37
(17,214)	1:44:A:GLU:HB3	1:48:A:ARG:H	9	0.37
(16,2432)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	14	0.37
(16,2432)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	14	0.37
(16,2432)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	14	0.37
(16,2432)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	14	0.37
(16,2432)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	14	0.37
(16,2432)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	14	0.37
(16,2332)	1:107:A:LEU:HD11	1:115:A:ALA:H	6	0.37
(16,2332)	1:107:A:LEU:HD12	1:115:A:ALA:H	6	0.37
(16,2332)	1:107:A:LEU:HD13	1:115:A:ALA:H	6	0.37
(16,2332)	1:107:A:LEU:HD21	1:115:A:ALA:H	6	0.37
(16,2332)	1:107:A:LEU:HD22	1:115:A:ALA:H	6	0.37
(16,2332)	1:107:A:LEU:HD23	1:115:A:ALA:H	6	0.37
(16,2239)	1:69:A:MET:HG2	1:76:A:ARG:HB3	14	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2239)	1:69:A:MET:HG3	1:76:A:ARG:HB3	14	0.37
(16,2117)	1:39:A:VAL:HA	1:140:A:LEU:HD11	9	0.37
(16,2117)	1:39:A:VAL:HA	1:140:A:LEU:HD12	9	0.37
(16,2117)	1:39:A:VAL:HA	1:140:A:LEU:HD13	9	0.37
(16,2117)	1:39:A:VAL:HA	1:140:A:LEU:HD21	9	0.37
(16,2117)	1:39:A:VAL:HA	1:140:A:LEU:HD22	9	0.37
(16,2117)	1:39:A:VAL:HA	1:140:A:LEU:HD23	9	0.37
(16,2092)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	7	0.37
(16,2092)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	7	0.37
(16,2092)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	7	0.37
(16,2092)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	7	0.37
(16,2092)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	7	0.37
(16,2092)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	7	0.37
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD11	3	0.37
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD12	3	0.37
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD13	3	0.37
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD21	3	0.37
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD22	3	0.37
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD23	3	0.37
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD11	3	0.37
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD12	3	0.37
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD13	3	0.37
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD21	3	0.37
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD22	3	0.37
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD23	3	0.37
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD11	3	0.37
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD12	3	0.37
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD13	3	0.37
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD21	3	0.37
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD22	3	0.37
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD23	3	0.37
(16,1784)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	2	0.37
(16,1784)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	2	0.37
(16,1784)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	2	0.37
(16,1784)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	2	0.37
(16,1784)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	2	0.37
(16,1784)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	2	0.37
(16,1782)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	16	0.37
(16,1782)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	16	0.37
(16,1782)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	16	0.37
(16,1782)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	16	0.37
(16,1679)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1617)	1:31:A:PRO:HG2	1:80:A:TYR:HB3	11	0.37
(16,1617)	1:31:A:PRO:HG3	1:80:A:TYR:HB3	11	0.37
(16,1601)	1:24:A:ASP:HA	1:27:A:ARG:HA	7	0.37
(16,1557)	1:11:A:ILE:HD11	1:18:A:PHE:HD1	19	0.37
(16,1557)	1:11:A:ILE:HD11	1:18:A:PHE:HD2	19	0.37
(16,1557)	1:11:A:ILE:HD12	1:18:A:PHE:HD1	19	0.37
(16,1557)	1:11:A:ILE:HD12	1:18:A:PHE:HD2	19	0.37
(16,1557)	1:11:A:ILE:HD13	1:18:A:PHE:HD1	19	0.37
(16,1557)	1:11:A:ILE:HD13	1:18:A:PHE:HD2	19	0.37
(16,1553)	1:11:A:ILE:HD11	1:45:A:ALA:H	10	0.37
(16,1553)	1:11:A:ILE:HD12	1:45:A:ALA:H	10	0.37
(16,1553)	1:11:A:ILE:HD13	1:45:A:ALA:H	10	0.37
(16,1479)	1:101:A:ILE:HG21	1:116:A:GLN:H	6	0.37
(16,1479)	1:101:A:ILE:HG22	1:116:A:GLN:H	6	0.37
(16,1479)	1:101:A:ILE:HG23	1:116:A:GLN:H	6	0.37
(16,1457)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	12	0.37
(16,1457)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	12	0.37
(16,1457)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	12	0.37
(16,1423)	1:149:A:ALA:HB1	1:150:A:THR:HG21	2	0.37
(16,1423)	1:149:A:ALA:HB1	1:150:A:THR:HG22	2	0.37
(16,1423)	1:149:A:ALA:HB1	1:150:A:THR:HG23	2	0.37
(16,1423)	1:149:A:ALA:HB2	1:150:A:THR:HG21	2	0.37
(16,1423)	1:149:A:ALA:HB2	1:150:A:THR:HG22	2	0.37
(16,1423)	1:149:A:ALA:HB2	1:150:A:THR:HG23	2	0.37
(16,1423)	1:149:A:ALA:HB3	1:150:A:THR:HG21	2	0.37
(16,1423)	1:149:A:ALA:HB3	1:150:A:THR:HG22	2	0.37
(16,1423)	1:149:A:ALA:HB3	1:150:A:THR:HG23	2	0.37
(16,1418)	1:69:A:MET:HA	1:73:A:ILE:HG21	1	0.37
(16,1418)	1:69:A:MET:HA	1:73:A:ILE:HG22	1	0.37
(16,1418)	1:69:A:MET:HA	1:73:A:ILE:HG23	1	0.37
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG11	5	0.37
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG12	5	0.37
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG13	5	0.37
(16,1310)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	7	0.37
(16,1310)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	7	0.37
(16,1310)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	7	0.37
(16,1198)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	18	0.37
(16,1198)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	18	0.37
(16,1198)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	18	0.37
(16,1176)	1:140:A:LEU:HA	1:140:A:LEU:HD21	4	0.37
(16,1176)	1:140:A:LEU:HA	1:140:A:LEU:HD22	4	0.37
(16,1176)	1:140:A:LEU:HA	1:140:A:LEU:HD23	4	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1132)	1:143:A:TRP:HA	1:143:A:TRP:HE3	19	0.37
(16,1101)	1:70:A:LYS:HA	1:70:A:LYS:HE2	7	0.37
(16,1101)	1:70:A:LYS:HA	1:70:A:LYS:HE3	7	0.37
(16,966)	1:40:A:LEU:HA	1:43:A:MET:HG2	8	0.37
(16,930)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	12	0.37
(16,930)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	12	0.37
(16,930)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	12	0.37
(16,869)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	18	0.37
(16,869)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	18	0.37
(16,824)	1:98:A:ILE:HA	1:98:A:ILE:HD11	6	0.37
(16,824)	1:98:A:ILE:HA	1:98:A:ILE:HD12	6	0.37
(16,824)	1:98:A:ILE:HA	1:98:A:ILE:HD13	6	0.37
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE1	12	0.37
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE2	12	0.37
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE3	12	0.37
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE1	12	0.37
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE2	12	0.37
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE3	12	0.37
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE1	12	0.37
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE2	12	0.37
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE3	12	0.37
(16,723)	1:45:A:ALA:H	1:48:A:ARG:HE	5	0.37
(16,595)	1:75:A:GLY:H	1:76:A:ARG:HG2	8	0.37
(16,595)	1:75:A:GLY:H	1:76:A:ARG:HG3	8	0.37
(16,595)	1:75:A:GLY:H	1:76:A:ARG:HG2	18	0.37
(16,595)	1:75:A:GLY:H	1:76:A:ARG:HG3	18	0.37
(16,580)	1:42:A:GLU:HB3	1:46:A:ASN:HD21	19	0.37
(16,557)	1:73:A:ILE:HD11	1:110:A:MET:H	13	0.37
(16,557)	1:73:A:ILE:HD12	1:110:A:MET:H	13	0.37
(16,557)	1:73:A:ILE:HD13	1:110:A:MET:H	13	0.37
(16,489)	1:79:A:THR:H	1:79:A:THR:HG21	10	0.37
(16,489)	1:79:A:THR:H	1:79:A:THR:HG22	10	0.37
(16,489)	1:79:A:THR:H	1:79:A:THR:HG23	10	0.37
(16,303)	1:43:A:MET:H	1:43:A:MET:HG2	18	0.37
(16,292)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.37
(16,277)	1:112:A:GLN:H	1:112:A:GLN:HE21	7	0.37
(16,224)	1:48:A:ARG:H	1:48:A:ARG:HG2	8	0.37
(16,224)	1:48:A:ARG:H	1:48:A:ARG:HG3	8	0.37
(16,111)	1:21:A:THR:HB	1:22:A:ASP:H	10	0.37
(16,90)	1:96:A:VAL:H	1:97:A:ASP:H	9	0.37
(16,90)	1:96:A:VAL:H	1:97:A:ASP:H	12	0.37
(16,31)	1:96:A:VAL:H	1:96:A:VAL:HA	3	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,31)	1:96:A:VAL:H	1:96:A:VAL:HA	15	0.37
(16,9)	1:63:A:ILE:HG13	1:64:A:LYS:H	1	0.37
(15,2493)	1:144:A:LEU:HD11	1:147:A:ARG:HA	14	0.37
(15,2493)	1:144:A:LEU:HD12	1:147:A:ARG:HA	14	0.37
(15,2493)	1:144:A:LEU:HD13	1:147:A:ARG:HA	14	0.37
(15,2493)	1:144:A:LEU:HD21	1:147:A:ARG:HA	14	0.37
(15,2493)	1:144:A:LEU:HD22	1:147:A:ARG:HA	14	0.37
(15,2493)	1:144:A:LEU:HD23	1:147:A:ARG:HA	14	0.37
(15,2457)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	5	0.37
(15,2457)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	5	0.37
(15,2457)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	5	0.37
(15,2457)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	5	0.37
(15,2457)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	5	0.37
(15,2457)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	5	0.37
(15,2226)	1:69:A:MET:H	1:70:A:LYS:HG2	8	0.37
(15,2226)	1:69:A:MET:H	1:70:A:LYS:HG3	8	0.37
(15,2209)	1:65:A:CYS:HB2	1:70:A:LYS:HA	8	0.37
(15,2209)	1:65:A:CYS:HB3	1:70:A:LYS:HA	8	0.37
(15,2105)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	19	0.37
(15,2105)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	19	0.37
(15,2105)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	19	0.37
(15,2105)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	19	0.37
(15,2105)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	19	0.37
(15,2105)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	19	0.37
(15,2105)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	19	0.37
(15,2105)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	19	0.37
(15,2105)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	19	0.37
(15,2105)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	19	0.37
(15,2105)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	19	0.37
(15,2105)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	19	0.37
(15,2093)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	6	0.37
(15,2093)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	6	0.37
(15,2093)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	6	0.37
(15,2093)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	6	0.37
(15,2093)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	6	0.37
(15,2093)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	6	0.37
(15,2052)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	11	0.37
(15,2052)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	11	0.37
(15,2052)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	11	0.37
(15,2052)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	11	0.37
(15,2052)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	11	0.37
(15,2052)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	11	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2052)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	11	0.37
(15,2052)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	11	0.37
(15,2052)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	11	0.37
(15,2052)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	11	0.37
(15,2052)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	11	0.37
(15,2052)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	11	0.37
(15,2035)	1:31:A:PRO:HD2	1:144:A:LEU:HB2	8	0.37
(15,2035)	1:31:A:PRO:HD2	1:144:A:LEU:HB3	8	0.37
(15,2035)	1:31:A:PRO:HD3	1:144:A:LEU:HB2	8	0.37
(15,2035)	1:31:A:PRO:HD3	1:144:A:LEU:HB3	8	0.37
(15,1994)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	11	0.37
(15,1994)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	11	0.37
(15,1994)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	11	0.37
(15,1994)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	11	0.37
(15,1994)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	11	0.37
(15,1994)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	11	0.37
(15,1913)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	7	0.37
(15,1913)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	7	0.37
(15,1913)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	7	0.37
(15,1913)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	7	0.37
(15,1913)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	7	0.37
(15,1913)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	7	0.37
(15,1913)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	7	0.37
(15,1913)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	7	0.37
(15,1913)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	7	0.37
(15,1913)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	7	0.37
(15,1913)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	7	0.37
(15,1913)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	7	0.37
(15,1887)	1:35:A:LEU:HG	1:80:A:TYR:HE1	14	0.37
(15,1887)	1:35:A:LEU:HG	1:80:A:TYR:HE2	14	0.37
(15,1818)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	7	0.37
(15,1818)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	7	0.37
(15,1818)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	7	0.37
(15,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	2	0.37
(15,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	2	0.37
(15,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	2	0.37
(15,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	2	0.37
(15,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	2	0.37
(15,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	2	0.37
(15,1774)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	15	0.37
(15,1774)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	15	0.37
(15,1681)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1577)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	10	0.37
(15,1577)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	10	0.37
(15,1577)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	10	0.37
(15,1558)	1:11:A:ILE:HD11	1:45:A:ALA:H	10	0.37
(15,1558)	1:11:A:ILE:HD12	1:45:A:ALA:H	10	0.37
(15,1558)	1:11:A:ILE:HD13	1:45:A:ALA:H	10	0.37
(15,1472)	1:101:A:ILE:HG21	1:116:A:GLN:H	6	0.37
(15,1472)	1:101:A:ILE:HG22	1:116:A:GLN:H	6	0.37
(15,1472)	1:101:A:ILE:HG23	1:116:A:GLN:H	6	0.37
(15,1468)	1:95:A:ILE:HG21	1:97:A:ASP:H	1	0.37
(15,1468)	1:95:A:ILE:HG22	1:97:A:ASP:H	1	0.37
(15,1468)	1:95:A:ILE:HG23	1:97:A:ASP:H	1	0.37
(15,1451)	1:15:A:ALA:HB1	1:132:A:ALA:HA	18	0.37
(15,1451)	1:15:A:ALA:HB2	1:132:A:ALA:HA	18	0.37
(15,1451)	1:15:A:ALA:HB3	1:132:A:ALA:HA	18	0.37
(15,1305)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	7	0.37
(15,1305)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	7	0.37
(15,1305)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	7	0.37
(15,1231)	1:136:A:CYS:HA	1:140:A:LEU:HD11	11	0.37
(15,1231)	1:136:A:CYS:HA	1:140:A:LEU:HD12	11	0.37
(15,1231)	1:136:A:CYS:HA	1:140:A:LEU:HD13	11	0.37
(15,1212)	1:69:A:MET:HE1	1:110:A:MET:HA	8	0.37
(15,1212)	1:69:A:MET:HE2	1:110:A:MET:HA	8	0.37
(15,1212)	1:69:A:MET:HE3	1:110:A:MET:HA	8	0.37
(15,1212)	1:69:A:MET:HE1	1:110:A:MET:HA	13	0.37
(15,1212)	1:69:A:MET:HE2	1:110:A:MET:HA	13	0.37
(15,1212)	1:69:A:MET:HE3	1:110:A:MET:HA	13	0.37
(15,1192)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	18	0.37
(15,1192)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	18	0.37
(15,1192)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	18	0.37
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD11	7	0.37
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD12	7	0.37
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD13	7	0.37
(15,1097)	1:141:A:LYS:HA	1:148:A:CYS:HB2	8	0.37
(15,1012)	1:27:A:ARG:HB2	1:28:A:GLY:H	9	0.37
(15,991)	1:104:A:PHE:H	1:105:A:LYS:HB2	2	0.37
(15,991)	1:104:A:PHE:H	1:105:A:LYS:HB3	2	0.37
(15,883)	1:151:A:PHE:H	1:151:A:PHE:HB3	6	0.37
(15,707)	1:27:A:ARG:HB3	1:27:A:ARG:HE	18	0.37
(15,707)	1:27:A:ARG:HB2	1:27:A:ARG:HE	18	0.37
(15,292)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.37
(15,278)	1:112:A:GLN:H	1:112:A:GLN:HE21	7	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,206)	1:101:A:ILE:H	1:104:A:PHE:HD1	18	0.37
(15,206)	1:101:A:ILE:H	1:104:A:PHE:HD2	18	0.37
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB1	9	0.37
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB2	9	0.37
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB3	9	0.37
(15,184)	1:93:A:GLU:H	1:93:A:GLU:HG2	10	0.37
(15,184)	1:93:A:GLU:H	1:93:A:GLU:HG3	10	0.37
(15,55)	1:98:A:ILE:H	1:101:A:ILE:HG13	2	0.37
(15,35)	1:96:A:VAL:H	1:97:A:ASP:HB2	2	0.37
(15,35)	1:96:A:VAL:H	1:97:A:ASP:HB3	2	0.37
(13,2443)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	5	0.37
(13,2443)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	5	0.37
(13,2443)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	5	0.37
(13,2443)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	5	0.37
(13,2443)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	5	0.37
(13,2443)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	5	0.37
(13,2313)	1:107:A:LEU:HD11	1:115:A:ALA:H	6	0.37
(13,2313)	1:107:A:LEU:HD12	1:115:A:ALA:H	6	0.37
(13,2313)	1:107:A:LEU:HD13	1:115:A:ALA:H	6	0.37
(13,2313)	1:107:A:LEU:HD21	1:115:A:ALA:H	6	0.37
(13,2313)	1:107:A:LEU:HD22	1:115:A:ALA:H	6	0.37
(13,2313)	1:107:A:LEU:HD23	1:115:A:ALA:H	6	0.37
(13,2261)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	16	0.37
(13,2261)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	16	0.37
(13,2261)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	16	0.37
(13,2261)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	16	0.37
(13,2261)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	16	0.37
(13,2261)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	16	0.37
(13,2249)	1:79:A:THR:HG21	1:81:A:GLU:HB2	1	0.37
(13,2249)	1:79:A:THR:HG21	1:81:A:GLU:HB3	1	0.37
(13,2249)	1:79:A:THR:HG22	1:81:A:GLU:HB2	1	0.37
(13,2249)	1:79:A:THR:HG22	1:81:A:GLU:HB3	1	0.37
(13,2249)	1:79:A:THR:HG23	1:81:A:GLU:HB2	1	0.37
(13,2249)	1:79:A:THR:HG23	1:81:A:GLU:HB3	1	0.37
(13,2213)	1:69:A:MET:H	1:70:A:LYS:HG2	8	0.37
(13,2213)	1:69:A:MET:H	1:70:A:LYS:HG3	8	0.37
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD11	14	0.37
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD12	14	0.37
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD13	14	0.37
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD21	14	0.37
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD22	14	0.37
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD23	14	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD11	15	0.37
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD12	15	0.37
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD13	15	0.37
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD21	15	0.37
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD22	15	0.37
(13,2166)	1:60:A:LEU:HA	1:60:A:LEU:HD23	15	0.37
(13,1957)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	12	0.37
(13,1957)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	12	0.37
(13,1957)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	12	0.37
(13,1957)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	12	0.37
(13,1957)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	12	0.37
(13,1957)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	12	0.37
(13,1939)	1:12:A:VAL:HG11	1:81:A:GLU:H	11	0.37
(13,1939)	1:12:A:VAL:HG12	1:81:A:GLU:H	11	0.37
(13,1939)	1:12:A:VAL:HG13	1:81:A:GLU:H	11	0.37
(13,1939)	1:12:A:VAL:HG21	1:81:A:GLU:H	11	0.37
(13,1939)	1:12:A:VAL:HG22	1:81:A:GLU:H	11	0.37
(13,1939)	1:12:A:VAL:HG23	1:81:A:GLU:H	11	0.37
(13,1758)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	2	0.37
(13,1758)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	2	0.37
(13,1758)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	2	0.37
(13,1758)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	2	0.37
(13,1758)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	2	0.37
(13,1758)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	2	0.37
(13,1670)	1:43:A:MET:HG2	1:43:A:MET:HE1	6	0.37
(13,1670)	1:43:A:MET:HG2	1:43:A:MET:HE2	6	0.37
(13,1670)	1:43:A:MET:HG2	1:43:A:MET:HE3	6	0.37
(13,1670)	1:43:A:MET:HG2	1:43:A:MET:HE1	17	0.37
(13,1670)	1:43:A:MET:HG2	1:43:A:MET:HE2	17	0.37
(13,1670)	1:43:A:MET:HG2	1:43:A:MET:HE3	17	0.37
(13,1582)	1:24:A:ASP:HA	1:27:A:ARG:HA	7	0.37
(13,1536)	1:11:A:ILE:HD11	1:45:A:ALA:H	10	0.37
(13,1536)	1:11:A:ILE:HD12	1:45:A:ALA:H	10	0.37
(13,1536)	1:11:A:ILE:HD13	1:45:A:ALA:H	10	0.37
(13,1508)	1:76:A:ARG:HE	1:110:A:MET:HE1	18	0.37
(13,1508)	1:76:A:ARG:HE	1:110:A:MET:HE2	18	0.37
(13,1508)	1:76:A:ARG:HE	1:110:A:MET:HE3	18	0.37
(13,1453)	1:101:A:ILE:HG21	1:116:A:GLN:H	6	0.37
(13,1453)	1:101:A:ILE:HG22	1:116:A:GLN:H	6	0.37
(13,1453)	1:101:A:ILE:HG23	1:116:A:GLN:H	6	0.37
(13,1437)	1:13:A:ALA:HB1	1:80:A:TYR:HB2	8	0.37
(13,1437)	1:13:A:ALA:HB2	1:80:A:TYR:HB2	8	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1437)	1:13:A:ALA:HB3	1:80:A:TYR:HB2	8	0.37
(13,1430)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	12	0.37
(13,1430)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	12	0.37
(13,1430)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	12	0.37
(13,1278)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	7	0.37
(13,1278)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	7	0.37
(13,1278)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	7	0.37
(13,1168)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	18	0.37
(13,1168)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	18	0.37
(13,1168)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	18	0.37
(13,1150)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	4	0.37
(13,1150)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	4	0.37
(13,1150)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	4	0.37
(13,1150)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	4	0.37
(13,1150)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	4	0.37
(13,1150)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	4	0.37
(13,1128)	1:145:A:PRO:HB2	1:146:A:GLN:HA	8	0.37
(13,1107)	1:140:A:LEU:HA	1:144:A:LEU:HD21	16	0.37
(13,1107)	1:140:A:LEU:HA	1:144:A:LEU:HD22	16	0.37
(13,1107)	1:140:A:LEU:HA	1:144:A:LEU:HD23	16	0.37
(13,1098)	1:105:A:LYS:HA	1:105:A:LYS:HG2	17	0.37
(13,1052)	1:54:A:ARG:HA	1:58:A:ILE:HG13	2	0.37
(13,975)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	16	0.37
(13,975)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	16	0.37
(13,975)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	16	0.37
(13,910)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	18	0.37
(13,910)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	18	0.37
(13,910)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	18	0.37
(13,910)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	18	0.37
(13,901)	1:125:A:THR:HB	1:128:A:LEU:HB2	6	0.37
(13,801)	1:98:A:ILE:HA	1:98:A:ILE:HD11	6	0.37
(13,801)	1:98:A:ILE:HA	1:98:A:ILE:HD12	6	0.37
(13,801)	1:98:A:ILE:HA	1:98:A:ILE:HD13	6	0.37
(13,746)	1:37:A:LEU:H	1:40:A:LEU:HB2	2	0.37
(13,737)	1:147:A:ARG:HA	1:147:A:ARG:HE	17	0.37
(13,702)	1:9:A:PHE:HD1	1:54:A:ARG:HE	5	0.37
(13,702)	1:9:A:PHE:HD2	1:54:A:ARG:HE	5	0.37
(13,702)	1:9:A:PHE:HD1	1:54:A:ARG:HE	19	0.37
(13,702)	1:9:A:PHE:HD2	1:54:A:ARG:HE	19	0.37
(13,701)	1:45:A:ALA:H	1:48:A:ARG:HE	2	0.37
(13,608)	1:55:A:GLY:H	1:58:A:ILE:HG13	8	0.37
(13,285)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,271)	1:112:A:GLN:H	1:112:A:GLN:HE21	7	0.37
(13,218)	1:48:A:ARG:H	1:48:A:ARG:HG2	8	0.37
(13,218)	1:48:A:ARG:H	1:48:A:ARG:HG3	8	0.37
(13,110)	1:21:A:THR:HB	1:22:A:ASP:H	10	0.37
(13,32)	1:96:A:VAL:H	1:97:A:ASP:HB2	2	0.37
(13,32)	1:96:A:VAL:H	1:97:A:ASP:HB3	2	0.37
(11,2303)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	11	0.37
(11,2303)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	11	0.37
(11,2303)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	11	0.37
(11,2303)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	11	0.37
(11,2303)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	11	0.37
(11,2303)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	11	0.37
(11,2303)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	11	0.37
(11,2303)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	11	0.37
(11,2303)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	11	0.37
(11,2303)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	11	0.37
(11,2303)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	11	0.37
(11,2303)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	11	0.37
(11,2146)	1:40:A:LEU:HD11	1:44:A:GLU:H	15	0.37
(11,2146)	1:40:A:LEU:HD12	1:44:A:GLU:H	15	0.37
(11,2146)	1:40:A:LEU:HD13	1:44:A:GLU:H	15	0.37
(11,2146)	1:40:A:LEU:HD21	1:44:A:GLU:H	15	0.37
(11,2146)	1:40:A:LEU:HD22	1:44:A:GLU:H	15	0.37
(11,2146)	1:40:A:LEU:HD23	1:44:A:GLU:H	15	0.37
(11,2096)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	7	0.37
(11,2096)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	7	0.37
(11,2096)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	7	0.37
(11,2096)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	7	0.37
(11,2096)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	7	0.37
(11,2096)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	7	0.37
(11,1844)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	19	0.37
(11,1844)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	19	0.37
(11,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	2	0.37
(11,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	2	0.37
(11,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	2	0.37
(11,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	2	0.37
(11,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	2	0.37
(11,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	2	0.37
(11,1818)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	15	0.37
(11,1818)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	15	0.37
(11,1802)	1:97:A:ASP:HA	1:105:A:LYS:HA	5	0.37
(11,1721)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1644)	1:24:A:ASP:HA	1:27:A:ARG:HA	7	0.37
(11,1597)	1:11:A:ILE:HD11	1:18:A:PHE:HD1	11	0.37
(11,1597)	1:11:A:ILE:HD11	1:18:A:PHE:HD2	11	0.37
(11,1597)	1:11:A:ILE:HD12	1:18:A:PHE:HD1	11	0.37
(11,1597)	1:11:A:ILE:HD12	1:18:A:PHE:HD2	11	0.37
(11,1597)	1:11:A:ILE:HD13	1:18:A:PHE:HD1	11	0.37
(11,1597)	1:11:A:ILE:HD13	1:18:A:PHE:HD2	11	0.37
(11,1594)	1:11:A:ILE:HD11	1:45:A:ALA:H	10	0.37
(11,1594)	1:11:A:ILE:HD12	1:45:A:ALA:H	10	0.37
(11,1594)	1:11:A:ILE:HD13	1:45:A:ALA:H	10	0.37
(11,1554)	1:69:A:MET:HE1	1:76:A:ARG:HG2	19	0.37
(11,1554)	1:69:A:MET:HE1	1:76:A:ARG:HG3	19	0.37
(11,1554)	1:69:A:MET:HE2	1:76:A:ARG:HG2	19	0.37
(11,1554)	1:69:A:MET:HE2	1:76:A:ARG:HG3	19	0.37
(11,1554)	1:69:A:MET:HE3	1:76:A:ARG:HG2	19	0.37
(11,1554)	1:69:A:MET:HE3	1:76:A:ARG:HG3	19	0.37
(11,1541)	1:110:A:MET:HE1	1:113:A:PHE:HE1	11	0.37
(11,1541)	1:110:A:MET:HE1	1:113:A:PHE:HE2	11	0.37
(11,1541)	1:110:A:MET:HE2	1:113:A:PHE:HE1	11	0.37
(11,1541)	1:110:A:MET:HE2	1:113:A:PHE:HE2	11	0.37
(11,1541)	1:110:A:MET:HE3	1:113:A:PHE:HE1	11	0.37
(11,1541)	1:110:A:MET:HE3	1:113:A:PHE:HE2	11	0.37
(11,1451)	1:50:A:ALA:HB1	1:127:A:CYS:HA	5	0.37
(11,1451)	1:50:A:ALA:HB2	1:127:A:CYS:HA	5	0.37
(11,1451)	1:50:A:ALA:HB3	1:127:A:CYS:HA	5	0.37
(11,1437)	1:69:A:MET:HA	1:73:A:ILE:HG21	1	0.37
(11,1437)	1:69:A:MET:HA	1:73:A:ILE:HG22	1	0.37
(11,1437)	1:69:A:MET:HA	1:73:A:ILE:HG23	1	0.37
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG11	3	0.37
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG12	3	0.37
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG13	3	0.37
(11,1307)	1:68:A:LYS:HG2	1:70:A:LYS:H	3	0.37
(11,1307)	1:68:A:LYS:HG3	1:70:A:LYS:H	3	0.37
(11,1202)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	18	0.37
(11,1202)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	18	0.37
(11,1202)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	18	0.37
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD11	14	0.37
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD12	14	0.37
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD13	14	0.37
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD11	19	0.37
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD12	19	0.37
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD13	19	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1130)	1:143:A:TRP:HA	1:143:A:TRP:HE3	19	0.37
(11,1128)	1:41:A:LYS:HA	1:41:A:LYS:HG2	18	0.37
(11,1031)	1:27:A:ARG:HB2	1:28:A:GLY:HA2	17	0.37
(11,1031)	1:27:A:ARG:HB2	1:28:A:GLY:HA3	17	0.37
(11,940)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	17	0.37
(11,935)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	18	0.37
(11,935)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	18	0.37
(11,935)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	18	0.37
(11,935)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	18	0.37
(11,917)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	8	0.37
(11,917)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	8	0.37
(11,917)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	8	0.37
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	19	0.37
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	19	0.37
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	19	0.37
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	19	0.37
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	19	0.37
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	19	0.37
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	19	0.37
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	19	0.37
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	19	0.37
(11,813)	1:98:A:ILE:HA	1:98:A:ILE:HD11	6	0.37
(11,813)	1:98:A:ILE:HA	1:98:A:ILE:HD12	6	0.37
(11,813)	1:98:A:ILE:HA	1:98:A:ILE:HD13	6	0.37
(11,717)	1:45:A:ALA:H	1:48:A:ARG:HE	5	0.37
(11,632)	1:9:A:PHE:HE1	1:58:A:ILE:H	14	0.37
(11,632)	1:9:A:PHE:HE2	1:58:A:ILE:H	14	0.37
(11,621)	1:96:A:VAL:H	1:97:A:ASP:H	8	0.37
(11,621)	1:96:A:VAL:H	1:97:A:ASP:H	19	0.37
(11,555)	1:73:A:ILE:HD11	1:110:A:MET:H	13	0.37
(11,555)	1:73:A:ILE:HD12	1:110:A:MET:H	13	0.37
(11,555)	1:73:A:ILE:HD13	1:110:A:MET:H	13	0.37
(11,513)	1:105:A:LYS:H	1:106:A:ASP:HB3	17	0.37
(11,487)	1:79:A:THR:H	1:79:A:THR:HG21	10	0.37
(11,487)	1:79:A:THR:H	1:79:A:THR:HG22	10	0.37
(11,487)	1:79:A:THR:H	1:79:A:THR:HG23	10	0.37
(11,324)	1:44:A:GLU:HG2	1:46:A:ASN:H	9	0.37
(11,289)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.37
(11,273)	1:112:A:GLN:H	1:112:A:GLN:HE21	7	0.37
(11,178)	1:93:A:GLU:H	1:93:A:GLU:HG2	10	0.37
(11,178)	1:93:A:GLU:H	1:93:A:GLU:HG3	10	0.37
(11,110)	1:69:A:MET:H	1:73:A:ILE:HD11	1	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,110)	1:69:A:MET:H	1:73:A:ILE:HD12	1	0.37
(11,110)	1:69:A:MET:H	1:73:A:ILE:HD13	1	0.37
(11,43)	1:43:A:MET:HA	1:47:A:ALA:H	9	0.37
(11,36)	1:96:A:VAL:H	1:97:A:ASP:HB2	2	0.37
(11,36)	1:96:A:VAL:H	1:97:A:ASP:HB3	2	0.37
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD11	8	0.37
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD12	8	0.37
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD13	8	0.37
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD21	8	0.37
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD22	8	0.37
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD23	8	0.37
(9,2238)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	16	0.37
(9,2238)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	16	0.37
(9,2238)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	16	0.37
(9,2238)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	16	0.37
(9,2238)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	16	0.37
(9,2238)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	16	0.37
(9,2199)	1:69:A:MET:HG2	1:73:A:ILE:HD11	7	0.37
(9,2199)	1:69:A:MET:HG2	1:73:A:ILE:HD12	7	0.37
(9,2199)	1:69:A:MET:HG2	1:73:A:ILE:HD13	7	0.37
(9,2199)	1:69:A:MET:HG3	1:73:A:ILE:HD11	7	0.37
(9,2199)	1:69:A:MET:HG3	1:73:A:ILE:HD12	7	0.37
(9,2199)	1:69:A:MET:HG3	1:73:A:ILE:HD13	7	0.37
(9,2085)	1:39:A:VAL:HA	1:140:A:LEU:HD11	9	0.37
(9,2085)	1:39:A:VAL:HA	1:140:A:LEU:HD12	9	0.37
(9,2085)	1:39:A:VAL:HA	1:140:A:LEU:HD13	9	0.37
(9,2085)	1:39:A:VAL:HA	1:140:A:LEU:HD21	9	0.37
(9,2085)	1:39:A:VAL:HA	1:140:A:LEU:HD22	9	0.37
(9,2085)	1:39:A:VAL:HA	1:140:A:LEU:HD23	9	0.37
(9,2041)	1:31:A:PRO:HD2	1:144:A:LEU:HA	13	0.37
(9,2041)	1:31:A:PRO:HD3	1:144:A:LEU:HA	13	0.37
(9,1858)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	12	0.37
(9,1858)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	12	0.37
(9,1749)	1:39:A:VAL:HB	1:139:A:LEU:HA	6	0.37
(9,1704)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	10	0.37
(9,1704)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	10	0.37
(9,1704)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	10	0.37
(9,1693)	1:43:A:MET:HG2	1:43:A:MET:HE1	6	0.37
(9,1693)	1:43:A:MET:HG2	1:43:A:MET:HE2	6	0.37
(9,1693)	1:43:A:MET:HG2	1:43:A:MET:HE3	6	0.37
(9,1693)	1:43:A:MET:HG2	1:43:A:MET:HE1	17	0.37
(9,1693)	1:43:A:MET:HG2	1:43:A:MET:HE2	17	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1693)	1:43:A:MET:HG2	1:43:A:MET:HE3	17	0.37
(9,1657)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	5	0.37
(9,1657)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	5	0.37
(9,1657)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	5	0.37
(9,1657)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	5	0.37
(9,1574)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	10	0.37
(9,1574)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	10	0.37
(9,1574)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	10	0.37
(9,1517)	1:110:A:MET:HE1	1:113:A:PHE:HE1	11	0.37
(9,1517)	1:110:A:MET:HE1	1:113:A:PHE:HE2	11	0.37
(9,1517)	1:110:A:MET:HE2	1:113:A:PHE:HE1	11	0.37
(9,1517)	1:110:A:MET:HE2	1:113:A:PHE:HE2	11	0.37
(9,1517)	1:110:A:MET:HE3	1:113:A:PHE:HE1	11	0.37
(9,1517)	1:110:A:MET:HE3	1:113:A:PHE:HE2	11	0.37
(9,1474)	1:101:A:ILE:HG21	1:116:A:GLN:H	6	0.37
(9,1474)	1:101:A:ILE:HG22	1:116:A:GLN:H	6	0.37
(9,1474)	1:101:A:ILE:HG23	1:116:A:GLN:H	6	0.37
(9,1287)	1:66:A:THR:HG21	1:96:A:VAL:H	13	0.37
(9,1287)	1:66:A:THR:HG22	1:96:A:VAL:H	13	0.37
(9,1287)	1:66:A:THR:HG23	1:96:A:VAL:H	13	0.37
(9,1238)	1:39:A:VAL:H	1:139:A:LEU:HD21	4	0.37
(9,1238)	1:39:A:VAL:H	1:139:A:LEU:HD22	4	0.37
(9,1238)	1:39:A:VAL:H	1:139:A:LEU:HD23	4	0.37
(9,1230)	1:140:A:LEU:HA	1:144:A:LEU:HD21	16	0.37
(9,1230)	1:140:A:LEU:HA	1:144:A:LEU:HD22	16	0.37
(9,1230)	1:140:A:LEU:HA	1:144:A:LEU:HD23	16	0.37
(9,1194)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	18	0.37
(9,1194)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	18	0.37
(9,1194)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	18	0.37
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD21	3	0.37
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD22	3	0.37
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD23	3	0.37
(9,1152)	1:71:A:LYS:HA	1:71:A:LYS:HE2	12	0.37
(9,1152)	1:71:A:LYS:HA	1:71:A:LYS:HE3	12	0.37
(9,1123)	1:143:A:TRP:HA	1:143:A:TRP:HE3	19	0.37
(9,1120)	1:105:A:LYS:HA	1:105:A:LYS:HG2	5	0.37
(9,1018)	1:27:A:ARG:HB2	1:28:A:GLY:HA2	17	0.37
(9,1018)	1:27:A:ARG:HB2	1:28:A:GLY:HA3	17	0.37
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB2	10	0.37
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB3	10	0.37
(9,919)	1:125:A:THR:HB	1:128:A:LEU:HB2	6	0.37
(9,911)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	4	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,911)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	4	0.37
(9,857)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	18	0.37
(9,857)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	18	0.37
(9,813)	1:98:A:ILE:HA	1:98:A:ILE:HD11	6	0.37
(9,813)	1:98:A:ILE:HA	1:98:A:ILE:HD12	6	0.37
(9,813)	1:98:A:ILE:HA	1:98:A:ILE:HD13	6	0.37
(9,799)	1:54:A:ARG:HE	1:58:A:ILE:HD11	4	0.37
(9,799)	1:54:A:ARG:HE	1:58:A:ILE:HD12	4	0.37
(9,799)	1:54:A:ARG:HE	1:58:A:ILE:HD13	4	0.37
(9,794)	1:54:A:ARG:HB3	1:58:A:ILE:HD11	11	0.37
(9,794)	1:54:A:ARG:HB3	1:58:A:ILE:HD12	11	0.37
(9,794)	1:54:A:ARG:HB3	1:58:A:ILE:HD13	11	0.37
(9,711)	1:45:A:ALA:H	1:48:A:ARG:HE	5	0.37
(9,332)	1:44:A:GLU:HG2	1:46:A:ASN:H	10	0.37
(9,294)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.37
(9,253)	1:58:A:ILE:H	1:58:A:ILE:HG13	17	0.37
(9,220)	1:44:A:GLU:HB2	1:48:A:ARG:H	9	0.37
(9,220)	1:44:A:GLU:HB3	1:48:A:ARG:H	9	0.37
(9,182)	1:93:A:GLU:H	1:93:A:GLU:HG2	10	0.37
(9,182)	1:93:A:GLU:H	1:93:A:GLU:HG3	10	0.37
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB1	12	0.37
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB2	12	0.37
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB3	12	0.37
(7,2447)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	5	0.37
(7,2447)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	5	0.37
(7,2447)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	5	0.37
(7,2447)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	5	0.37
(7,2447)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	5	0.37
(7,2447)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	5	0.37
(7,2399)	1:129:A:LYS:HB2	1:133:A:ASN:HB2	9	0.37
(7,2399)	1:129:A:LYS:HB2	1:133:A:ASN:HB3	9	0.37
(7,2399)	1:129:A:LYS:HB3	1:133:A:ASN:HB2	9	0.37
(7,2399)	1:129:A:LYS:HB3	1:133:A:ASN:HB3	9	0.37
(7,2349)	1:115:A:ALA:HB1	1:116:A:GLN:HG2	3	0.37
(7,2349)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	3	0.37
(7,2349)	1:115:A:ALA:HB2	1:116:A:GLN:HG2	3	0.37
(7,2349)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	3	0.37
(7,2349)	1:115:A:ALA:HB3	1:116:A:GLN:HG2	3	0.37
(7,2349)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	3	0.37
(7,2349)	1:115:A:ALA:HB1	1:116:A:GLN:HG2	17	0.37
(7,2349)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	17	0.37
(7,2349)	1:115:A:ALA:HB2	1:116:A:GLN:HG2	17	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2349)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	17	0.37
(7,2349)	1:115:A:ALA:HB3	1:116:A:GLN:HG2	17	0.37
(7,2349)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	17	0.37
(7,2319)	1:107:A:LEU:HD11	1:112:A:GLN:HA	12	0.37
(7,2319)	1:107:A:LEU:HD12	1:112:A:GLN:HA	12	0.37
(7,2319)	1:107:A:LEU:HD13	1:112:A:GLN:HA	12	0.37
(7,2319)	1:107:A:LEU:HD21	1:112:A:GLN:HA	12	0.37
(7,2319)	1:107:A:LEU:HD22	1:112:A:GLN:HA	12	0.37
(7,2319)	1:107:A:LEU:HD23	1:112:A:GLN:HA	12	0.37
(7,2184)	1:60:A:LEU:HD11	1:123:A:CYS:H	16	0.37
(7,2184)	1:60:A:LEU:HD12	1:123:A:CYS:H	16	0.37
(7,2184)	1:60:A:LEU:HD13	1:123:A:CYS:H	16	0.37
(7,2184)	1:60:A:LEU:HD21	1:123:A:CYS:H	16	0.37
(7,2184)	1:60:A:LEU:HD22	1:123:A:CYS:H	16	0.37
(7,2184)	1:60:A:LEU:HD23	1:123:A:CYS:H	16	0.37
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD11	14	0.37
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD12	14	0.37
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD13	14	0.37
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD21	14	0.37
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD22	14	0.37
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD23	14	0.37
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD11	15	0.37
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD12	15	0.37
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD13	15	0.37
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD21	15	0.37
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD22	15	0.37
(7,2177)	1:60:A:LEU:HA	1:60:A:LEU:HD23	15	0.37
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD11	5	0.37
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD12	5	0.37
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD13	5	0.37
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD21	5	0.37
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD22	5	0.37
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD23	5	0.37
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD11	18	0.37
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD12	18	0.37
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD13	18	0.37
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD21	18	0.37
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD22	18	0.37
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD23	18	0.37
(7,2048)	1:35:A:LEU:HD11	1:143:A:TRP:HA	13	0.37
(7,2048)	1:35:A:LEU:HD12	1:143:A:TRP:HA	13	0.37
(7,2048)	1:35:A:LEU:HD13	1:143:A:TRP:HA	13	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2048)	1:35:A:LEU:HD21	1:143:A:TRP:HA	13	0.37
(7,2048)	1:35:A:LEU:HD22	1:143:A:TRP:HA	13	0.37
(7,2048)	1:35:A:LEU:HD23	1:143:A:TRP:HA	13	0.37
(7,2021)	1:30:A:LEU:HD11	1:31:A:PRO:HG2	8	0.37
(7,2021)	1:30:A:LEU:HD11	1:31:A:PRO:HG3	8	0.37
(7,2021)	1:30:A:LEU:HD12	1:31:A:PRO:HG2	8	0.37
(7,2021)	1:30:A:LEU:HD12	1:31:A:PRO:HG3	8	0.37
(7,2021)	1:30:A:LEU:HD13	1:31:A:PRO:HG2	8	0.37
(7,2021)	1:30:A:LEU:HD13	1:31:A:PRO:HG3	8	0.37
(7,2021)	1:30:A:LEU:HD21	1:31:A:PRO:HG2	8	0.37
(7,2021)	1:30:A:LEU:HD21	1:31:A:PRO:HG3	8	0.37
(7,2021)	1:30:A:LEU:HD22	1:31:A:PRO:HG2	8	0.37
(7,2021)	1:30:A:LEU:HD22	1:31:A:PRO:HG3	8	0.37
(7,2021)	1:30:A:LEU:HD23	1:31:A:PRO:HG2	8	0.37
(7,2021)	1:30:A:LEU:HD23	1:31:A:PRO:HG3	8	0.37
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD11	17	0.37
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD12	17	0.37
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD13	17	0.37
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD21	17	0.37
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD22	17	0.37
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD23	17	0.37
(7,1795)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	19	0.37
(7,1795)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	19	0.37
(7,1782)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	19	0.37
(7,1782)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	19	0.37
(7,1729)	1:97:A:ASP:HA	1:105:A:LYS:HA	5	0.37
(7,1714)	1:36:A:PRO:HA	1:37:A:LEU:HD21	14	0.37
(7,1714)	1:36:A:PRO:HA	1:37:A:LEU:HD22	14	0.37
(7,1714)	1:36:A:PRO:HA	1:37:A:LEU:HD23	14	0.37
(7,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG21	2	0.37
(7,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG22	2	0.37
(7,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG23	2	0.37
(7,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG21	2	0.37
(7,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG22	2	0.37
(7,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG23	2	0.37
(7,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG21	2	0.37
(7,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG22	2	0.37
(7,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG23	2	0.37
(7,1663)	1:57:A:LEU:HB3	1:58:A:ILE:HD11	6	0.37
(7,1663)	1:57:A:LEU:HB3	1:58:A:ILE:HD12	6	0.37
(7,1663)	1:57:A:LEU:HB3	1:58:A:ILE:HD13	6	0.37
(7,1653)	1:69:A:MET:HA	1:109:A:PRO:HA	19	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1584)	1:24:A:ASP:HA	1:27:A:ARG:HA	7	0.37
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	18	0.37
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	18	0.37
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	18	0.37
(7,1541)	1:11:A:ILE:HD11	1:45:A:ALA:H	10	0.37
(7,1541)	1:11:A:ILE:HD12	1:45:A:ALA:H	10	0.37
(7,1541)	1:11:A:ILE:HD13	1:45:A:ALA:H	10	0.37
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE1	19	0.37
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE2	19	0.37
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE3	19	0.37
(7,1457)	1:101:A:ILE:HG21	1:116:A:GLN:H	6	0.37
(7,1457)	1:101:A:ILE:HG22	1:116:A:GLN:H	6	0.37
(7,1457)	1:101:A:ILE:HG23	1:116:A:GLN:H	6	0.37
(7,1452)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	3	0.37
(7,1436)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	12	0.37
(7,1436)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	12	0.37
(7,1436)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	12	0.37
(7,1394)	1:149:A:ALA:HB1	1:151:A:PHE:H	3	0.37
(7,1394)	1:149:A:ALA:HB2	1:151:A:PHE:H	3	0.37
(7,1394)	1:149:A:ALA:HB3	1:151:A:PHE:H	3	0.37
(7,1388)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	13	0.37
(7,1388)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	13	0.37
(7,1388)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	13	0.37
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG11	9	0.37
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG12	9	0.37
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG13	9	0.37
(7,1289)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	7	0.37
(7,1289)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	7	0.37
(7,1289)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	7	0.37
(7,1141)	1:34:A:LYS:HG2	1:35:A:LEU:H	19	0.37
(7,1141)	1:34:A:LYS:HG3	1:35:A:LEU:H	19	0.37
(7,1124)	1:78:A:HIS:HA	1:79:A:THR:HB	18	0.37
(7,1105)	1:40:A:LEU:HA	1:44:A:GLU:HB2	18	0.37
(7,1105)	1:40:A:LEU:HA	1:44:A:GLU:HB3	18	0.37
(7,1100)	1:143:A:TRP:HA	1:143:A:TRP:HE3	19	0.37
(7,805)	1:98:A:ILE:HA	1:98:A:ILE:HD11	6	0.37
(7,805)	1:98:A:ILE:HA	1:98:A:ILE:HD12	6	0.37
(7,805)	1:98:A:ILE:HA	1:98:A:ILE:HD13	6	0.37
(7,790)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	12	0.37
(7,790)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	12	0.37
(7,790)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	12	0.37
(7,790)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	12	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,790)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	12	0.37
(7,790)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	12	0.37
(7,776)	1:63:A:ILE:HD11	1:64:A:LYS:H	1	0.37
(7,776)	1:63:A:ILE:HD12	1:64:A:LYS:H	1	0.37
(7,776)	1:63:A:ILE:HD13	1:64:A:LYS:H	1	0.37
(7,751)	1:37:A:LEU:H	1:40:A:LEU:HB2	2	0.37
(7,710)	1:45:A:ALA:H	1:48:A:ARG:HE	5	0.37
(7,514)	1:105:A:LYS:H	1:106:A:ASP:HB3	17	0.37
(7,489)	1:79:A:THR:H	1:79:A:THR:HG21	10	0.37
(7,489)	1:79:A:THR:H	1:79:A:THR:HG22	10	0.37
(7,489)	1:79:A:THR:H	1:79:A:THR:HG23	10	0.37
(7,471)	1:12:A:VAL:HG11	1:14:A:VAL:H	2	0.37
(7,471)	1:12:A:VAL:HG12	1:14:A:VAL:H	2	0.37
(7,471)	1:12:A:VAL:HG13	1:14:A:VAL:H	2	0.37
(7,407)	1:119:A:LEU:H	1:119:A:LEU:HG	8	0.37
(7,397)	1:105:A:LYS:HG3	1:106:A:ASP:H	13	0.37
(7,373)	1:40:A:LEU:HB2	1:41:A:LYS:H	12	0.37
(7,319)	1:44:A:GLU:HG2	1:46:A:ASN:H	10	0.37
(7,297)	1:128:A:LEU:HB3	1:129:A:LYS:H	9	0.37
(7,292)	1:121:A:VAL:H	1:123:A:CYS:H	12	0.37
(7,288)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.37
(7,248)	1:58:A:ILE:H	1:58:A:ILE:HG13	12	0.37
(7,179)	1:93:A:GLU:H	1:93:A:GLU:HG2	10	0.37
(7,179)	1:93:A:GLU:H	1:93:A:GLU:HG3	10	0.37
(7,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	1	0.37
(7,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	1	0.37
(7,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	1	0.37
(7,111)	1:21:A:THR:HB	1:22:A:ASP:H	10	0.37
(7,75)	1:15:A:ALA:HA	1:19:A:ALA:H	2	0.37
(6,2455)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	5	0.37
(6,2455)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	5	0.37
(6,2455)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	5	0.37
(6,2455)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	5	0.37
(6,2455)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	5	0.37
(6,2455)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	5	0.37
(6,2334)	1:107:A:LEU:HD11	1:112:A:GLN:HA	5	0.37
(6,2334)	1:107:A:LEU:HD12	1:112:A:GLN:HA	5	0.37
(6,2334)	1:107:A:LEU:HD13	1:112:A:GLN:HA	5	0.37
(6,2334)	1:107:A:LEU:HD21	1:112:A:GLN:HA	5	0.37
(6,2334)	1:107:A:LEU:HD22	1:112:A:GLN:HA	5	0.37
(6,2334)	1:107:A:LEU:HD23	1:112:A:GLN:HA	5	0.37
(6,2278)	1:79:A:THR:HG21	1:81:A:GLU:HB2	1	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2278)	1:79:A:THR:HG21	1:81:A:GLU:HB3	1	0.37
(6,2278)	1:79:A:THR:HG22	1:81:A:GLU:HB2	1	0.37
(6,2278)	1:79:A:THR:HG22	1:81:A:GLU:HB3	1	0.37
(6,2278)	1:79:A:THR:HG23	1:81:A:GLU:HB2	1	0.37
(6,2278)	1:79:A:THR:HG23	1:81:A:GLU:HB3	1	0.37
(6,2152)	1:44:A:GLU:H	1:140:A:LEU:HD11	19	0.37
(6,2152)	1:44:A:GLU:H	1:140:A:LEU:HD12	19	0.37
(6,2152)	1:44:A:GLU:H	1:140:A:LEU:HD13	19	0.37
(6,2152)	1:44:A:GLU:H	1:140:A:LEU:HD21	19	0.37
(6,2152)	1:44:A:GLU:H	1:140:A:LEU:HD22	19	0.37
(6,2152)	1:44:A:GLU:H	1:140:A:LEU:HD23	19	0.37
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	8	0.37
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	8	0.37
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	8	0.37
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	8	0.37
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	8	0.37
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	8	0.37
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	8	0.37
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	8	0.37
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	8	0.37
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	8	0.37
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	8	0.37
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	8	0.37
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	8	0.37
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	8	0.37
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	8	0.37
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	8	0.37
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	8	0.37
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	8	0.37
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	19	0.37
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	19	0.37
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	19	0.37
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG21	19	0.37
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG22	19	0.37
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG23	19	0.37
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD11	10	0.37
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD12	10	0.37
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD13	10	0.37
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD21	10	0.37
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD22	10	0.37
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD23	10	0.37
(6,1713)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	10	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1713)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	10	0.37
(6,1713)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	10	0.37
(6,1611)	1:24:A:ASP:HA	1:27:A:ARG:HA	7	0.37
(6,1566)	1:11:A:ILE:HD11	1:45:A:ALA:H	4	0.37
(6,1566)	1:11:A:ILE:HD12	1:45:A:ALA:H	4	0.37
(6,1566)	1:11:A:ILE:HD13	1:45:A:ALA:H	4	0.37
(6,1566)	1:11:A:ILE:HD11	1:45:A:ALA:H	7	0.37
(6,1566)	1:11:A:ILE:HD12	1:45:A:ALA:H	7	0.37
(6,1566)	1:11:A:ILE:HD13	1:45:A:ALA:H	7	0.37
(6,1535)	1:76:A:ARG:HE	1:110:A:MET:HE1	18	0.37
(6,1535)	1:76:A:ARG:HE	1:110:A:MET:HE2	18	0.37
(6,1535)	1:76:A:ARG:HE	1:110:A:MET:HE3	18	0.37
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG11	9	0.37
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG12	9	0.37
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG13	9	0.37
(6,1117)	1:140:A:LEU:HA	1:144:A:LEU:HD21	16	0.37
(6,1117)	1:140:A:LEU:HA	1:144:A:LEU:HD22	16	0.37
(6,1117)	1:140:A:LEU:HA	1:144:A:LEU:HD23	16	0.37
(6,1111)	1:40:A:LEU:HA	1:44:A:GLU:HB2	18	0.37
(6,1111)	1:40:A:LEU:HA	1:44:A:GLU:HB3	18	0.37
(6,1050)	1:14:A:VAL:HG21	1:61:A:SER:HA	4	0.37
(6,1050)	1:14:A:VAL:HG22	1:61:A:SER:HA	4	0.37
(6,1050)	1:14:A:VAL:HG23	1:61:A:SER:HA	4	0.37
(6,994)	1:27:A:ARG:HB2	1:28:A:GLY:H	9	0.37
(6,953)	1:138:A:ASP:HA	1:141:A:LYS:HB2	7	0.37
(6,953)	1:138:A:ASP:HA	1:141:A:LYS:HB3	7	0.37
(6,810)	1:98:A:ILE:HA	1:98:A:ILE:HD11	6	0.37
(6,810)	1:98:A:ILE:HA	1:98:A:ILE:HD12	6	0.37
(6,810)	1:98:A:ILE:HA	1:98:A:ILE:HD13	6	0.37
(6,794)	1:54:A:ARG:HE	1:58:A:ILE:HD11	4	0.37
(6,794)	1:54:A:ARG:HE	1:58:A:ILE:HD12	4	0.37
(6,794)	1:54:A:ARG:HE	1:58:A:ILE:HD13	4	0.37
(6,776)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	17	0.37
(6,776)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	17	0.37
(6,776)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	17	0.37
(6,752)	1:37:A:LEU:H	1:40:A:LEU:HB2	2	0.37
(6,710)	1:48:A:ARG:HE	1:49:A:LYS:H	3	0.37
(6,710)	1:48:A:ARG:HE	1:49:A:LYS:H	8	0.37
(6,662)	1:63:A:ILE:HD11	1:116:A:GLN:H	6	0.37
(6,662)	1:63:A:ILE:HD12	1:116:A:GLN:H	6	0.37
(6,662)	1:63:A:ILE:HD13	1:116:A:GLN:H	6	0.37
(6,662)	1:63:A:ILE:HD11	1:116:A:GLN:H	13	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,662)	1:63:A:ILE:HD12	1:116:A:GLN:H	13	0.37
(6,662)	1:63:A:ILE:HD13	1:116:A:GLN:H	13	0.37
(6,625)	1:9:A:PHE:HE1	1:58:A:ILE:H	14	0.37
(6,625)	1:9:A:PHE:HE2	1:58:A:ILE:H	14	0.37
(6,616)	1:96:A:VAL:H	1:97:A:ASP:H	6	0.37
(6,509)	1:105:A:LYS:H	1:106:A:ASP:HB3	17	0.37
(6,371)	1:40:A:LEU:HB2	1:41:A:LYS:H	18	0.37
(6,320)	1:44:A:GLU:HG2	1:46:A:ASN:H	10	0.37
(6,245)	1:58:A:ILE:H	1:58:A:ILE:HG13	17	0.37
(6,38)	1:98:A:ILE:H	1:105:A:LYS:HA	10	0.37
(5,2470)	1:144:A:LEU:HD11	1:147:A:ARG:HA	14	0.37
(5,2470)	1:144:A:LEU:HD12	1:147:A:ARG:HA	14	0.37
(5,2470)	1:144:A:LEU:HD13	1:147:A:ARG:HA	14	0.37
(5,2470)	1:144:A:LEU:HD21	1:147:A:ARG:HA	14	0.37
(5,2470)	1:144:A:LEU:HD22	1:147:A:ARG:HA	14	0.37
(5,2470)	1:144:A:LEU:HD23	1:147:A:ARG:HA	14	0.37
(5,2240)	1:69:A:MET:H	1:70:A:LYS:HG2	8	0.37
(5,2240)	1:69:A:MET:H	1:70:A:LYS:HG3	8	0.37
(5,2237)	1:68:A:LYS:H	1:70:A:LYS:HG2	12	0.37
(5,2237)	1:68:A:LYS:H	1:70:A:LYS:HG3	12	0.37
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD11	14	0.37
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD12	14	0.37
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD13	14	0.37
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD21	14	0.37
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD22	14	0.37
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD23	14	0.37
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD11	15	0.37
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD12	15	0.37
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD13	15	0.37
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD21	15	0.37
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD22	15	0.37
(5,2199)	1:60:A:LEU:HA	1:60:A:LEU:HD23	15	0.37
(5,2065)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	18	0.37
(5,2065)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	18	0.37
(5,2065)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	18	0.37
(5,2065)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	18	0.37
(5,2065)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	18	0.37
(5,2065)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	18	0.37
(5,2027)	1:23:A:LEU:HD11	1:24:A:ASP:H	1	0.37
(5,2027)	1:23:A:LEU:HD12	1:24:A:ASP:H	1	0.37
(5,2027)	1:23:A:LEU:HD13	1:24:A:ASP:H	1	0.37
(5,2027)	1:23:A:LEU:HD21	1:24:A:ASP:H	1	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2027)	1:23:A:LEU:HD22	1:24:A:ASP:H	1	0.37
(5,2027)	1:23:A:LEU:HD23	1:24:A:ASP:H	1	0.37
(5,1986)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	5	0.37
(5,1986)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	5	0.37
(5,1986)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	5	0.37
(5,1986)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	5	0.37
(5,1986)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	5	0.37
(5,1986)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	5	0.37
(5,1986)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	5	0.37
(5,1986)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	5	0.37
(5,1986)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	5	0.37
(5,1986)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	5	0.37
(5,1986)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	5	0.37
(5,1986)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	5	0.37
(5,1986)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	5	0.37
(5,1986)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	5	0.37
(5,1986)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	5	0.37
(5,1986)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	5	0.37
(5,1986)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	5	0.37
(5,1986)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	5	0.37
(5,1985)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	12	0.37
(5,1985)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	12	0.37
(5,1985)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	12	0.37
(5,1985)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	12	0.37
(5,1985)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	12	0.37
(5,1985)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	12	0.37
(5,1962)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	8	0.37
(5,1962)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	8	0.37
(5,1962)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	8	0.37
(5,1962)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	8	0.37
(5,1962)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	8	0.37
(5,1962)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	8	0.37
(5,1882)	1:9:A:PHE:HZ	1:11:A:ILE:HA	7	0.37
(5,1821)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	2	0.37
(5,1821)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	2	0.37
(5,1821)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	2	0.37
(5,1821)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	2	0.37
(5,1821)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	2	0.37
(5,1821)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	2	0.37
(5,1707)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.37
(5,1629)	1:24:A:ASP:HA	1:27:A:ARG:HA	7	0.37
(5,1623)	1:73:A:ILE:HG21	1:111:A:GLU:H	12	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1623)	1:73:A:ILE:HG22	1:111:A:GLU:H	12	0.37
(5,1623)	1:73:A:ILE:HG23	1:111:A:GLU:H	12	0.37
(5,1577)	1:9:A:PHE:HB2	1:14:A:VAL:HG21	8	0.37
(5,1577)	1:9:A:PHE:HB2	1:14:A:VAL:HG22	8	0.37
(5,1577)	1:9:A:PHE:HB2	1:14:A:VAL:HG23	8	0.37
(5,1496)	1:101:A:ILE:HG21	1:116:A:GLN:H	6	0.37
(5,1496)	1:101:A:ILE:HG22	1:116:A:GLN:H	6	0.37
(5,1496)	1:101:A:ILE:HG23	1:116:A:GLN:H	6	0.37
(5,1489)	1:67:A:PRO:HD3	1:95:A:ILE:HA	5	0.37
(5,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	12	0.37
(5,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	12	0.37
(5,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	12	0.37
(5,1421)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	8	0.37
(5,1421)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	8	0.37
(5,1421)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	8	0.37
(5,1421)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	8	0.37
(5,1421)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	8	0.37
(5,1421)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	8	0.37
(5,1421)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	8	0.37
(5,1421)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	8	0.37
(5,1421)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	8	0.37
(5,1271)	1:12:A:VAL:HG11	1:40:A:LEU:HA	1	0.37
(5,1271)	1:12:A:VAL:HG12	1:40:A:LEU:HA	1	0.37
(5,1271)	1:12:A:VAL:HG13	1:40:A:LEU:HA	1	0.37
(5,1237)	1:140:A:LEU:HA	1:144:A:LEU:HD21	16	0.37
(5,1237)	1:140:A:LEU:HA	1:144:A:LEU:HD22	16	0.37
(5,1237)	1:140:A:LEU:HA	1:144:A:LEU:HD23	16	0.37
(5,1181)	1:140:A:LEU:HA	1:140:A:LEU:HD21	4	0.37
(5,1181)	1:140:A:LEU:HA	1:140:A:LEU:HD22	4	0.37
(5,1181)	1:140:A:LEU:HA	1:140:A:LEU:HD23	4	0.37
(5,1131)	1:143:A:TRP:HA	1:143:A:TRP:HE3	19	0.37
(5,1129)	1:105:A:LYS:HA	1:105:A:LYS:HG2	17	0.37
(5,1103)	1:141:A:LYS:HA	1:148:A:CYS:HB2	8	0.37
(5,1013)	1:27:A:ARG:HB2	1:28:A:GLY:H	9	0.37
(5,960)	1:11:A:ILE:HG12	1:43:A:MET:HB2	12	0.37
(5,909)	1:19:A:ALA:HB1	1:20:A:THR:HB	19	0.37
(5,909)	1:19:A:ALA:HB2	1:20:A:THR:HB	19	0.37
(5,909)	1:19:A:ALA:HB3	1:20:A:THR:HB	19	0.37
(5,880)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	8	0.37
(5,880)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	8	0.37
(5,880)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	8	0.37
(5,815)	1:98:A:ILE:HA	1:98:A:ILE:HD11	6	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,815)	1:98:A:ILE:HA	1:98:A:ILE:HD12	6	0.37
(5,815)	1:98:A:ILE:HA	1:98:A:ILE:HD13	6	0.37
(5,715)	1:45:A:ALA:H	1:48:A:ARG:HE	5	0.37
(5,619)	1:96:A:VAL:H	1:97:A:ASP:H	6	0.37
(5,367)	1:41:A:LYS:H	1:44:A:GLU:HG3	18	0.37
(5,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	1	0.37
(5,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	1	0.37
(5,283)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.37
(5,212)	1:44:A:GLU:HB2	1:48:A:ARG:H	9	0.37
(5,212)	1:44:A:GLU:HB3	1:48:A:ARG:H	9	0.37
(4,2455)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	5	0.37
(4,2455)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	5	0.37
(4,2455)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	5	0.37
(4,2455)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	5	0.37
(4,2455)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	5	0.37
(4,2455)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	5	0.37
(4,2335)	1:107:A:LEU:HD11	1:115:A:ALA:H	6	0.37
(4,2335)	1:107:A:LEU:HD12	1:115:A:ALA:H	6	0.37
(4,2335)	1:107:A:LEU:HD13	1:115:A:ALA:H	6	0.37
(4,2335)	1:107:A:LEU:HD21	1:115:A:ALA:H	6	0.37
(4,2335)	1:107:A:LEU:HD22	1:115:A:ALA:H	6	0.37
(4,2335)	1:107:A:LEU:HD23	1:115:A:ALA:H	6	0.37
(4,2230)	1:68:A:LYS:H	1:70:A:LYS:HG2	15	0.37
(4,2230)	1:68:A:LYS:H	1:70:A:LYS:HG3	15	0.37
(4,2199)	1:60:A:LEU:HD11	1:120:A:CYS:HA	3	0.37
(4,2199)	1:60:A:LEU:HD12	1:120:A:CYS:HA	3	0.37
(4,2199)	1:60:A:LEU:HD13	1:120:A:CYS:HA	3	0.37
(4,2199)	1:60:A:LEU:HD21	1:120:A:CYS:HA	3	0.37
(4,2199)	1:60:A:LEU:HD22	1:120:A:CYS:HA	3	0.37
(4,2199)	1:60:A:LEU:HD23	1:120:A:CYS:HA	3	0.37
(4,2104)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	12	0.37
(4,2104)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	12	0.37
(4,2104)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	12	0.37
(4,2104)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	12	0.37
(4,2104)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	12	0.37
(4,2104)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	12	0.37
(4,2104)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	12	0.37
(4,2104)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	12	0.37
(4,2104)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	12	0.37
(4,2104)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	12	0.37
(4,2104)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	12	0.37
(4,2104)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	12	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2080)	1:35:A:LEU:HD11	1:143:A:TRP:HH2	18	0.37
(4,2080)	1:35:A:LEU:HD12	1:143:A:TRP:HH2	18	0.37
(4,2080)	1:35:A:LEU:HD13	1:143:A:TRP:HH2	18	0.37
(4,2080)	1:35:A:LEU:HD21	1:143:A:TRP:HH2	18	0.37
(4,2080)	1:35:A:LEU:HD22	1:143:A:TRP:HH2	18	0.37
(4,2080)	1:35:A:LEU:HD23	1:143:A:TRP:HH2	18	0.37
(4,2079)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	19	0.37
(4,2079)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	19	0.37
(4,2079)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	19	0.37
(4,2079)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	19	0.37
(4,2079)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	19	0.37
(4,2079)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	19	0.37
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD11	3	0.37
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD12	3	0.37
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD13	3	0.37
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD21	3	0.37
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD22	3	0.37
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD23	3	0.37
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD11	3	0.37
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD12	3	0.37
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD13	3	0.37
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD21	3	0.37
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD22	3	0.37
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD23	3	0.37
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD11	3	0.37
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD12	3	0.37
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD13	3	0.37
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD21	3	0.37
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD22	3	0.37
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD23	3	0.37
(4,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	11	0.37
(4,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	11	0.37
(4,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	11	0.37
(4,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	11	0.37
(4,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	11	0.37
(4,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	11	0.37
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	16	0.37
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	16	0.37
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	16	0.37
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD21	16	0.37
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD22	16	0.37
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD23	16	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1843)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	14	0.37
(4,1843)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	14	0.37
(4,1806)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	19	0.37
(4,1806)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	19	0.37
(4,1773)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	2	0.37
(4,1773)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	2	0.37
(4,1773)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	2	0.37
(4,1773)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	2	0.37
(4,1773)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	2	0.37
(4,1773)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	2	0.37
(4,1689)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	10	0.37
(4,1689)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	10	0.37
(4,1689)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	10	0.37
(4,1663)	1:69:A:MET:HA	1:109:A:PRO:HA	19	0.37
(4,1591)	1:24:A:ASP:HA	1:27:A:ARG:HA	7	0.37
(4,1548)	1:11:A:ILE:HD11	1:45:A:ALA:H	10	0.37
(4,1548)	1:11:A:ILE:HD12	1:45:A:ALA:H	10	0.37
(4,1548)	1:11:A:ILE:HD13	1:45:A:ALA:H	10	0.37
(4,1545)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	15	0.37
(4,1545)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	15	0.37
(4,1545)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	15	0.37
(4,1520)	1:76:A:ARG:HE	1:110:A:MET:HE1	18	0.37
(4,1520)	1:76:A:ARG:HE	1:110:A:MET:HE2	18	0.37
(4,1520)	1:76:A:ARG:HE	1:110:A:MET:HE3	18	0.37
(4,1502)	1:110:A:MET:HE1	1:113:A:PHE:HE1	13	0.37
(4,1502)	1:110:A:MET:HE1	1:113:A:PHE:HE2	13	0.37
(4,1502)	1:110:A:MET:HE2	1:113:A:PHE:HE1	13	0.37
(4,1502)	1:110:A:MET:HE2	1:113:A:PHE:HE2	13	0.37
(4,1502)	1:110:A:MET:HE3	1:113:A:PHE:HE1	13	0.37
(4,1502)	1:110:A:MET:HE3	1:113:A:PHE:HE2	13	0.37
(4,1461)	1:101:A:ILE:HG21	1:116:A:GLN:H	6	0.37
(4,1461)	1:101:A:ILE:HG22	1:116:A:GLN:H	6	0.37
(4,1461)	1:101:A:ILE:HG23	1:116:A:GLN:H	6	0.37
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG11	3	0.37
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG12	3	0.37
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG13	3	0.37
(4,1325)	1:17:A:ASN:HA	1:76:A:ARG:HA	10	0.37
(4,1287)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	7	0.37
(4,1287)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	7	0.37
(4,1287)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	7	0.37
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD11	1	0.37
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD12	1	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD13	1	0.37
(4,1166)	1:100:A:ALA:HB1	1:119:A:LEU:HD21	8	0.37
(4,1166)	1:100:A:ALA:HB1	1:119:A:LEU:HD22	8	0.37
(4,1166)	1:100:A:ALA:HB1	1:119:A:LEU:HD23	8	0.37
(4,1166)	1:100:A:ALA:HB2	1:119:A:LEU:HD21	8	0.37
(4,1166)	1:100:A:ALA:HB2	1:119:A:LEU:HD22	8	0.37
(4,1166)	1:100:A:ALA:HB2	1:119:A:LEU:HD23	8	0.37
(4,1166)	1:100:A:ALA:HB3	1:119:A:LEU:HD21	8	0.37
(4,1166)	1:100:A:ALA:HB3	1:119:A:LEU:HD22	8	0.37
(4,1166)	1:100:A:ALA:HB3	1:119:A:LEU:HD23	8	0.37
(4,1152)	1:140:A:LEU:HA	1:140:A:LEU:HD21	4	0.37
(4,1152)	1:140:A:LEU:HA	1:140:A:LEU:HD22	4	0.37
(4,1152)	1:140:A:LEU:HA	1:140:A:LEU:HD23	4	0.37
(4,1114)	1:140:A:LEU:HA	1:144:A:LEU:HD21	16	0.37
(4,1114)	1:140:A:LEU:HA	1:144:A:LEU:HD22	16	0.37
(4,1114)	1:140:A:LEU:HA	1:144:A:LEU:HD23	16	0.37
(4,1110)	1:40:A:LEU:HA	1:44:A:GLU:HB2	18	0.37
(4,1110)	1:40:A:LEU:HA	1:44:A:GLU:HB3	18	0.37
(4,1068)	1:70:A:LYS:HA	1:70:A:LYS:HE2	7	0.37
(4,1068)	1:70:A:LYS:HA	1:70:A:LYS:HE3	7	0.37
(4,1047)	1:140:A:LEU:H	1:140:A:LEU:HG	12	0.37
(4,908)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	1	0.37
(4,859)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	18	0.37
(4,859)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	18	0.37
(4,811)	1:98:A:ILE:HA	1:98:A:ILE:HD11	6	0.37
(4,811)	1:98:A:ILE:HA	1:98:A:ILE:HD12	6	0.37
(4,811)	1:98:A:ILE:HA	1:98:A:ILE:HD13	6	0.37
(4,793)	1:54:A:ARG:HE	1:58:A:ILE:HD11	4	0.37
(4,793)	1:54:A:ARG:HE	1:58:A:ILE:HD12	4	0.37
(4,793)	1:54:A:ARG:HE	1:58:A:ILE:HD13	4	0.37
(4,776)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	17	0.37
(4,776)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	17	0.37
(4,776)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	17	0.37
(4,571)	1:126:A:GLY:H	1:128:A:LEU:HG	1	0.37
(4,503)	1:105:A:LYS:H	1:106:A:ASP:HB3	17	0.37
(4,363)	1:40:A:LEU:HB3	1:41:A:LYS:H	15	0.37
(4,176)	1:93:A:GLU:H	1:93:A:GLU:HG2	10	0.37
(4,176)	1:93:A:GLU:H	1:93:A:GLU:HG3	10	0.37
(4,111)	1:21:A:THR:HB	1:22:A:ASP:H	10	0.37
(4,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	17	0.37
(4,34)	1:96:A:VAL:H	1:97:A:ASP:HB2	2	0.37
(4,34)	1:96:A:VAL:H	1:97:A:ASP:HB3	2	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2442)	1:129:A:LYS:HB2	1:133:A:ASN:HB2	9	0.37
(3,2442)	1:129:A:LYS:HB2	1:133:A:ASN:HB3	9	0.37
(3,2442)	1:129:A:LYS:HB3	1:133:A:ASN:HB2	9	0.37
(3,2442)	1:129:A:LYS:HB3	1:133:A:ASN:HB3	9	0.37
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD11	16	0.37
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD12	16	0.37
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD13	16	0.37
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD21	16	0.37
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD22	16	0.37
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD23	16	0.37
(3,2317)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	15	0.37
(3,2317)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	15	0.37
(3,2317)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	15	0.37
(3,2317)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	15	0.37
(3,2317)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	15	0.37
(3,2317)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	15	0.37
(3,2143)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	6	0.37
(3,2143)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	6	0.37
(3,2143)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	6	0.37
(3,2143)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	6	0.37
(3,2143)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	6	0.37
(3,2143)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	6	0.37
(3,2110)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	6	0.37
(3,2110)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	6	0.37
(3,2110)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	6	0.37
(3,2110)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	6	0.37
(3,2110)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	6	0.37
(3,2110)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	6	0.37
(3,2105)	1:35:A:LEU:HD11	1:143:A:TRP:HA	13	0.37
(3,2105)	1:35:A:LEU:HD12	1:143:A:TRP:HA	13	0.37
(3,2105)	1:35:A:LEU:HD13	1:143:A:TRP:HA	13	0.37
(3,2105)	1:35:A:LEU:HD21	1:143:A:TRP:HA	13	0.37
(3,2105)	1:35:A:LEU:HD22	1:143:A:TRP:HA	13	0.37
(3,2105)	1:35:A:LEU:HD23	1:143:A:TRP:HA	13	0.37
(3,2104)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	14	0.37
(3,2104)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	14	0.37
(3,2104)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	14	0.37
(3,2104)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	14	0.37
(3,2104)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	14	0.37
(3,2104)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	14	0.37
(3,2104)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	14	0.37
(3,2104)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	14	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2104)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	14	0.37
(3,2104)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	14	0.37
(3,2104)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	14	0.37
(3,2104)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	14	0.37
(3,2018)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	4	0.37
(3,2018)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	4	0.37
(3,2018)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	4	0.37
(3,2018)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	4	0.37
(3,2018)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	4	0.37
(3,2018)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	4	0.37
(3,1999)	1:12:A:VAL:HG11	1:43:A:MET:H	7	0.37
(3,1999)	1:12:A:VAL:HG12	1:43:A:MET:H	7	0.37
(3,1999)	1:12:A:VAL:HG13	1:43:A:MET:H	7	0.37
(3,1999)	1:12:A:VAL:HG21	1:43:A:MET:H	7	0.37
(3,1999)	1:12:A:VAL:HG22	1:43:A:MET:H	7	0.37
(3,1999)	1:12:A:VAL:HG23	1:43:A:MET:H	7	0.37
(3,1883)	1:9:A:PHE:HZ	1:11:A:ILE:HA	7	0.37
(3,1823)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	2	0.37
(3,1823)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	2	0.37
(3,1823)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	2	0.37
(3,1823)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	2	0.37
(3,1823)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	2	0.37
(3,1823)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	2	0.37
(3,1820)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	16	0.37
(3,1820)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	16	0.37
(3,1820)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	16	0.37
(3,1820)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	16	0.37
(3,1755)	1:21:A:THR:HG21	1:24:A:ASP:H	11	0.37
(3,1755)	1:21:A:THR:HG22	1:24:A:ASP:H	11	0.37
(3,1755)	1:21:A:THR:HG23	1:24:A:ASP:H	11	0.37
(3,1743)	1:67:A:PRO:HD2	1:94:A:ALA:HB1	10	0.37
(3,1743)	1:67:A:PRO:HD2	1:94:A:ALA:HB2	10	0.37
(3,1743)	1:67:A:PRO:HD2	1:94:A:ALA:HB3	10	0.37
(3,1714)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.37
(3,1701)	1:110:A:MET:HB3	1:111:A:GLU:HB2	16	0.37
(3,1701)	1:110:A:MET:HB3	1:111:A:GLU:HB3	16	0.37
(3,1645)	1:24:A:ASP:HA	1:27:A:ARG:HA	7	0.37
(3,1599)	1:11:A:ILE:HD11	1:45:A:ALA:H	10	0.37
(3,1599)	1:11:A:ILE:HD12	1:45:A:ALA:H	10	0.37
(3,1599)	1:11:A:ILE:HD13	1:45:A:ALA:H	10	0.37
(3,1545)	1:110:A:MET:HE1	1:113:A:PHE:HE1	11	0.37
(3,1545)	1:110:A:MET:HE1	1:113:A:PHE:HE2	11	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1545)	1:110:A:MET:HE2	1:113:A:PHE:HE1	11	0.37
(3,1545)	1:110:A:MET:HE2	1:113:A:PHE:HE2	11	0.37
(3,1545)	1:110:A:MET:HE3	1:113:A:PHE:HE1	11	0.37
(3,1545)	1:110:A:MET:HE3	1:113:A:PHE:HE2	11	0.37
(3,1507)	1:95:A:ILE:HA	1:95:A:ILE:HG21	2	0.37
(3,1507)	1:95:A:ILE:HA	1:95:A:ILE:HG22	2	0.37
(3,1507)	1:95:A:ILE:HA	1:95:A:ILE:HG23	2	0.37
(3,1480)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	12	0.37
(3,1480)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	12	0.37
(3,1480)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	12	0.37
(3,1332)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	7	0.37
(3,1332)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	7	0.37
(3,1332)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	7	0.37
(3,1248)	1:144:A:LEU:HD21	1:145:A:PRO:HD2	2	0.37
(3,1248)	1:144:A:LEU:HD22	1:145:A:PRO:HD2	2	0.37
(3,1248)	1:144:A:LEU:HD23	1:145:A:PRO:HD2	2	0.37
(3,1190)	1:140:A:LEU:HA	1:140:A:LEU:HD21	4	0.37
(3,1190)	1:140:A:LEU:HA	1:140:A:LEU:HD22	4	0.37
(3,1190)	1:140:A:LEU:HA	1:140:A:LEU:HD23	4	0.37
(3,1142)	1:143:A:TRP:HA	1:143:A:TRP:HE3	19	0.37
(3,1038)	1:27:A:ARG:HB2	1:28:A:GLY:HA2	17	0.37
(3,1038)	1:27:A:ARG:HB2	1:28:A:GLY:HA3	17	0.37
(3,1032)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	17	0.37
(3,1032)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	18	0.37
(3,1024)	1:27:A:ARG:HB2	1:28:A:GLY:H	9	0.37
(3,829)	1:98:A:ILE:HA	1:98:A:ILE:HD11	6	0.37
(3,829)	1:98:A:ILE:HA	1:98:A:ILE:HD12	6	0.37
(3,829)	1:98:A:ILE:HA	1:98:A:ILE:HD13	6	0.37
(3,821)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	2	0.37
(3,821)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	2	0.37
(3,821)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	2	0.37
(3,821)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	14	0.37
(3,821)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	14	0.37
(3,821)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	14	0.37
(3,724)	1:45:A:ALA:H	1:48:A:ARG:HE	5	0.37
(3,713)	1:27:A:ARG:HB3	1:27:A:ARG:HE	18	0.37
(3,713)	1:27:A:ARG:HB2	1:27:A:ARG:HE	18	0.37
(3,555)	1:73:A:ILE:HD11	1:110:A:MET:H	13	0.37
(3,555)	1:73:A:ILE:HD12	1:110:A:MET:H	13	0.37
(3,555)	1:73:A:ILE:HD13	1:110:A:MET:H	13	0.37
(3,491)	1:79:A:THR:H	1:79:A:THR:HG21	10	0.37
(3,491)	1:79:A:THR:H	1:79:A:THR:HG22	10	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,491)	1:79:A:THR:H	1:79:A:THR:HG23	10	0.37
(3,325)	1:44:A:GLU:HG2	1:46:A:ASN:H	10	0.37
(3,288)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.37
(3,272)	1:112:A:GLN:H	1:112:A:GLN:HE21	7	0.37
(3,180)	1:93:A:GLU:H	1:93:A:GLU:HG2	10	0.37
(3,180)	1:93:A:GLU:H	1:93:A:GLU:HG3	10	0.37
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG11	3	0.37
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG12	3	0.37
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG13	3	0.37
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG21	3	0.37
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG22	3	0.37
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG23	3	0.37
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG11	3	0.37
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG12	3	0.37
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG13	3	0.37
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG21	3	0.37
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG22	3	0.37
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG23	3	0.37
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG11	3	0.37
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG12	3	0.37
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG13	3	0.37
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG21	3	0.37
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG22	3	0.37
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG23	3	0.37
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG11	3	0.37
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG12	3	0.37
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG13	3	0.37
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG21	3	0.37
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG22	3	0.37
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG23	3	0.37
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG11	3	0.37
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG12	3	0.37
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG13	3	0.37
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG21	3	0.37
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG22	3	0.37
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG23	3	0.37
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG11	3	0.37
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG12	3	0.37
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG13	3	0.37
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG21	3	0.37
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG22	3	0.37
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG23	3	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2267)	1:69:A:MET:H	1:70:A:LYS:HG2	8	0.37
(2,2267)	1:69:A:MET:H	1:70:A:LYS:HG3	8	0.37
(2,2264)	1:68:A:LYS:H	1:70:A:LYS:HG2	12	0.37
(2,2264)	1:68:A:LYS:H	1:70:A:LYS:HG3	12	0.37
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG11	11	0.37
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG12	11	0.37
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG13	11	0.37
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG21	11	0.37
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG22	11	0.37
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG23	11	0.37
(2,2228)	1:60:A:LEU:HD11	1:61:A:SER:HB2	10	0.37
(2,2228)	1:60:A:LEU:HD11	1:61:A:SER:HB3	10	0.37
(2,2228)	1:60:A:LEU:HD12	1:61:A:SER:HB2	10	0.37
(2,2228)	1:60:A:LEU:HD12	1:61:A:SER:HB3	10	0.37
(2,2228)	1:60:A:LEU:HD13	1:61:A:SER:HB2	10	0.37
(2,2228)	1:60:A:LEU:HD13	1:61:A:SER:HB3	10	0.37
(2,2132)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	6	0.37
(2,2132)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	6	0.37
(2,2132)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	6	0.37
(2,2132)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	6	0.37
(2,2132)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	6	0.37
(2,2132)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	6	0.37
(2,1967)	1:10:A:ASN:HB3	1:14:A:VAL:HG11	10	0.37
(2,1967)	1:10:A:ASN:HB3	1:14:A:VAL:HG12	10	0.37
(2,1967)	1:10:A:ASN:HB3	1:14:A:VAL:HG13	10	0.37
(2,1967)	1:10:A:ASN:HB3	1:14:A:VAL:HG21	10	0.37
(2,1967)	1:10:A:ASN:HB3	1:14:A:VAL:HG22	10	0.37
(2,1967)	1:10:A:ASN:HB3	1:14:A:VAL:HG23	10	0.37
(2,1689)	1:110:A:MET:HB3	1:111:A:GLU:HB2	16	0.37
(2,1689)	1:110:A:MET:HB3	1:111:A:GLU:HB3	16	0.37
(2,1579)	1:11:A:ILE:HD11	1:45:A:ALA:H	10	0.37
(2,1579)	1:11:A:ILE:HD12	1:45:A:ALA:H	10	0.37
(2,1579)	1:11:A:ILE:HD13	1:45:A:ALA:H	10	0.37
(2,1538)	1:76:A:ARG:HE	1:110:A:MET:HE1	18	0.37
(2,1538)	1:76:A:ARG:HE	1:110:A:MET:HE2	18	0.37
(2,1538)	1:76:A:ARG:HE	1:110:A:MET:HE3	18	0.37
(2,1485)	1:101:A:ILE:HG21	1:116:A:GLN:H	6	0.37
(2,1485)	1:101:A:ILE:HG22	1:116:A:GLN:H	6	0.37
(2,1485)	1:101:A:ILE:HG23	1:116:A:GLN:H	6	0.37
(2,1404)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	8	0.37
(2,1404)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	8	0.37
(2,1404)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	8	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1404)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	8	0.37
(2,1404)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	8	0.37
(2,1404)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	8	0.37
(2,1404)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	8	0.37
(2,1404)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	8	0.37
(2,1404)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	8	0.37
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD11	1	0.37
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD12	1	0.37
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD13	1	0.37
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD21	4	0.37
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD22	4	0.37
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD23	4	0.37
(2,1165)	1:140:A:LEU:HA	1:140:A:LEU:HD21	4	0.37
(2,1165)	1:140:A:LEU:HA	1:140:A:LEU:HD22	4	0.37
(2,1165)	1:140:A:LEU:HA	1:140:A:LEU:HD23	4	0.37
(2,1086)	1:141:A:LYS:HA	1:148:A:CYS:HB2	8	0.37
(2,1002)	1:27:A:ARG:HB2	1:28:A:GLY:H	9	0.37
(2,985)	1:63:A:ILE:HA	1:64:A:LYS:HD2	3	0.37
(2,985)	1:63:A:ILE:HA	1:64:A:LYS:HD3	3	0.37
(2,985)	1:63:A:ILE:HA	1:64:A:LYS:HD2	4	0.37
(2,985)	1:63:A:ILE:HA	1:64:A:LYS:HD3	4	0.37
(2,811)	1:98:A:ILE:HA	1:98:A:ILE:HD11	6	0.37
(2,811)	1:98:A:ILE:HA	1:98:A:ILE:HD12	6	0.37
(2,811)	1:98:A:ILE:HA	1:98:A:ILE:HD13	6	0.37
(2,704)	1:27:A:ARG:HB3	1:27:A:ARG:HE	18	0.37
(2,704)	1:27:A:ARG:HB2	1:27:A:ARG:HE	18	0.37
(2,511)	1:105:A:LYS:H	1:106:A:ASP:HB3	17	0.37
(2,311)	1:43:A:MET:H	1:140:A:LEU:HD11	19	0.37
(2,311)	1:43:A:MET:H	1:140:A:LEU:HD12	19	0.37
(2,311)	1:43:A:MET:H	1:140:A:LEU:HD13	19	0.37
(2,285)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.37
(2,31)	1:96:A:VAL:H	1:97:A:ASP:HB2	2	0.37
(2,31)	1:96:A:VAL:H	1:97:A:ASP:HB3	2	0.37
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD11	12	0.37
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD12	12	0.37
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD13	12	0.37
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD21	12	0.37
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD22	12	0.37
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD23	12	0.37
(1,2426)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	5	0.37
(1,2426)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	5	0.37
(1,2426)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	5	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2426)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	5	0.37
(1,2426)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	5	0.37
(1,2426)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	5	0.37
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG12	5	0.37
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG13	5	0.37
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG12	5	0.37
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG13	5	0.37
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG12	5	0.37
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG13	5	0.37
(1,2304)	1:107:A:LEU:HD11	1:108:A:GLU:H	5	0.37
(1,2304)	1:107:A:LEU:HD12	1:108:A:GLU:H	5	0.37
(1,2304)	1:107:A:LEU:HD13	1:108:A:GLU:H	5	0.37
(1,2304)	1:107:A:LEU:HD21	1:108:A:GLU:H	5	0.37
(1,2304)	1:107:A:LEU:HD22	1:108:A:GLU:H	5	0.37
(1,2304)	1:107:A:LEU:HD23	1:108:A:GLU:H	5	0.37
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD11	12	0.37
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD12	12	0.37
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD13	12	0.37
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD21	12	0.37
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD22	12	0.37
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD23	12	0.37
(1,2077)	1:35:A:LEU:HD11	1:143:A:TRP:HH2	18	0.37
(1,2077)	1:35:A:LEU:HD12	1:143:A:TRP:HH2	18	0.37
(1,2077)	1:35:A:LEU:HD13	1:143:A:TRP:HH2	18	0.37
(1,2077)	1:35:A:LEU:HD21	1:143:A:TRP:HH2	18	0.37
(1,2077)	1:35:A:LEU:HD22	1:143:A:TRP:HH2	18	0.37
(1,2077)	1:35:A:LEU:HD23	1:143:A:TRP:HH2	18	0.37
(1,2026)	1:23:A:LEU:HD11	1:25:A:ALA:H	5	0.37
(1,2026)	1:23:A:LEU:HD12	1:25:A:ALA:H	5	0.37
(1,2026)	1:23:A:LEU:HD13	1:25:A:ALA:H	5	0.37
(1,2026)	1:23:A:LEU:HD21	1:25:A:ALA:H	5	0.37
(1,2026)	1:23:A:LEU:HD22	1:25:A:ALA:H	5	0.37
(1,2026)	1:23:A:LEU:HD23	1:25:A:ALA:H	5	0.37
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	4	0.37
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	4	0.37
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	4	0.37
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	4	0.37
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	4	0.37
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	4	0.37
(1,1973)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	1	0.37
(1,1973)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	1	0.37
(1,1973)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	1	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1973)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	1	0.37
(1,1973)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	1	0.37
(1,1973)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	1	0.37
(1,1944)	1:10:A:ASN:HB3	1:14:A:VAL:HG11	10	0.37
(1,1944)	1:10:A:ASN:HB3	1:14:A:VAL:HG12	10	0.37
(1,1944)	1:10:A:ASN:HB3	1:14:A:VAL:HG13	10	0.37
(1,1944)	1:10:A:ASN:HB3	1:14:A:VAL:HG21	10	0.37
(1,1944)	1:10:A:ASN:HB3	1:14:A:VAL:HG22	10	0.37
(1,1944)	1:10:A:ASN:HB3	1:14:A:VAL:HG23	10	0.37
(1,1926)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	10	0.37
(1,1926)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	10	0.37
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE1	15	0.37
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE2	15	0.37
(1,1864)	1:80:A:TYR:HE1	1:81:A:GLU:HB2	10	0.37
(1,1864)	1:80:A:TYR:HE2	1:81:A:GLU:HB2	10	0.37
(1,1856)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	12	0.37
(1,1856)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	12	0.37
(1,1856)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	12	0.37
(1,1779)	1:97:A:ASP:HA	1:105:A:LYS:HA	5	0.37
(1,1753)	1:31:A:PRO:HB2	1:35:A:LEU:HA	19	0.37
(1,1753)	1:31:A:PRO:HB3	1:35:A:LEU:HA	19	0.37
(1,1698)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.37
(1,1635)	1:33:A:LYS:HA	1:80:A:TYR:HB2	11	0.37
(1,1591)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	5	0.37
(1,1591)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	5	0.37
(1,1591)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	5	0.37
(1,1578)	1:11:A:ILE:HD11	1:45:A:ALA:H	10	0.37
(1,1578)	1:11:A:ILE:HD12	1:45:A:ALA:H	10	0.37
(1,1578)	1:11:A:ILE:HD13	1:45:A:ALA:H	10	0.37
(1,1552)	1:76:A:ARG:HE	1:110:A:MET:HE1	18	0.37
(1,1552)	1:76:A:ARG:HE	1:110:A:MET:HE2	18	0.37
(1,1552)	1:76:A:ARG:HE	1:110:A:MET:HE3	18	0.37
(1,1534)	1:110:A:MET:HE1	1:113:A:PHE:HE1	13	0.37
(1,1534)	1:110:A:MET:HE1	1:113:A:PHE:HE2	13	0.37
(1,1534)	1:110:A:MET:HE2	1:113:A:PHE:HE1	13	0.37
(1,1534)	1:110:A:MET:HE2	1:113:A:PHE:HE2	13	0.37
(1,1534)	1:110:A:MET:HE3	1:113:A:PHE:HE1	13	0.37
(1,1534)	1:110:A:MET:HE3	1:113:A:PHE:HE2	13	0.37
(1,1483)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	3	0.37
(1,1482)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	5	0.37
(1,1482)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	5	0.37
(1,1482)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	5	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1399)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	2	0.37
(1,1399)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	2	0.37
(1,1399)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	2	0.37
(1,1399)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	2	0.37
(1,1399)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	2	0.37
(1,1399)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	2	0.37
(1,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	17	0.37
(1,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	17	0.37
(1,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	17	0.37
(1,1308)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	7	0.37
(1,1308)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	7	0.37
(1,1308)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	7	0.37
(1,1264)	1:12:A:VAL:HG11	1:40:A:LEU:HA	1	0.37
(1,1264)	1:12:A:VAL:HG12	1:40:A:LEU:HA	1	0.37
(1,1264)	1:12:A:VAL:HG13	1:40:A:LEU:HA	1	0.37
(1,1248)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	19	0.37
(1,1248)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	19	0.37
(1,1248)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	19	0.37
(1,1248)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	19	0.37
(1,1248)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	19	0.37
(1,1248)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	19	0.37
(1,1227)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	14	0.37
(1,1227)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	14	0.37
(1,1227)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	14	0.37
(1,1131)	1:143:A:TRP:HA	1:143:A:TRP:HE3	19	0.37
(1,1079)	1:54:A:ARG:HA	1:58:A:ILE:HG13	2	0.37
(1,940)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	8	0.37
(1,940)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	8	0.37
(1,940)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	8	0.37
(1,905)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	1	0.37
(1,905)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	1	0.37
(1,905)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	1	0.37
(1,821)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	2	0.37
(1,821)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	2	0.37
(1,821)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	2	0.37
(1,821)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	14	0.37
(1,821)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	14	0.37
(1,821)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	14	0.37
(1,812)	1:55:A:GLY:H	1:58:A:ILE:HD11	17	0.37
(1,812)	1:55:A:GLY:H	1:58:A:ILE:HD12	17	0.37
(1,812)	1:55:A:GLY:H	1:58:A:ILE:HD13	17	0.37
(1,722)	1:45:A:ALA:H	1:48:A:ARG:HE	5	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,637)	1:9:A:PHE:HE1	1:58:A:ILE:H	14	0.37
(1,637)	1:9:A:PHE:HE2	1:58:A:ILE:H	14	0.37
(1,554)	1:73:A:ILE:HD11	1:110:A:MET:H	13	0.37
(1,554)	1:73:A:ILE:HD12	1:110:A:MET:H	13	0.37
(1,554)	1:73:A:ILE:HD13	1:110:A:MET:H	13	0.37
(1,516)	1:105:A:LYS:H	1:106:A:ASP:HB3	17	0.37
(1,290)	1:117:A:VAL:HB	1:118:A:ASP:H	2	0.37
(1,227)	1:44:A:GLU:HB2	1:48:A:ARG:H	9	0.37
(1,227)	1:44:A:GLU:HB3	1:48:A:ARG:H	9	0.37
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB1	2	0.37
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB2	2	0.37
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB3	2	0.37
(1,113)	1:69:A:MET:H	1:69:A:MET:HE1	9	0.37
(1,113)	1:69:A:MET:H	1:69:A:MET:HE2	9	0.37
(1,113)	1:69:A:MET:H	1:69:A:MET:HE3	9	0.37
(1,58)	1:98:A:ILE:H	1:101:A:ILE:HG13	17	0.37
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD11	12	0.36
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD12	12	0.36
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD13	12	0.36
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD21	12	0.36
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD22	12	0.36
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD23	12	0.36
(34,2439)	1:131:A:LEU:HD11	1:134:A:VAL:HB	5	0.36
(34,2439)	1:131:A:LEU:HD12	1:134:A:VAL:HB	5	0.36
(34,2439)	1:131:A:LEU:HD13	1:134:A:VAL:HB	5	0.36
(34,2439)	1:131:A:LEU:HD21	1:134:A:VAL:HB	5	0.36
(34,2439)	1:131:A:LEU:HD22	1:134:A:VAL:HB	5	0.36
(34,2439)	1:131:A:LEU:HD23	1:134:A:VAL:HB	5	0.36
(34,2432)	1:131:A:LEU:H	1:134:A:VAL:HG11	15	0.36
(34,2432)	1:131:A:LEU:H	1:134:A:VAL:HG12	15	0.36
(34,2432)	1:131:A:LEU:H	1:134:A:VAL:HG13	15	0.36
(34,2432)	1:131:A:LEU:H	1:134:A:VAL:HG21	15	0.36
(34,2432)	1:131:A:LEU:H	1:134:A:VAL:HG22	15	0.36
(34,2432)	1:131:A:LEU:H	1:134:A:VAL:HG23	15	0.36
(34,2217)	1:64:A:LYS:H	1:116:A:GLN:HE21	13	0.36
(34,2217)	1:64:A:LYS:H	1:116:A:GLN:HE22	13	0.36
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	19	0.36
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	19	0.36
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	19	0.36
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	19	0.36
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	19	0.36
(34,2172)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	19	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	19	0.36
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	19	0.36
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	19	0.36
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	19	0.36
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	19	0.36
(34,2172)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	19	0.36
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	19	0.36
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	19	0.36
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	19	0.36
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	19	0.36
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	19	0.36
(34,2172)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	19	0.36
(34,1982)	1:12:A:VAL:HG11	1:81:A:GLU:H	17	0.36
(34,1982)	1:12:A:VAL:HG12	1:81:A:GLU:H	17	0.36
(34,1982)	1:12:A:VAL:HG13	1:81:A:GLU:H	17	0.36
(34,1982)	1:12:A:VAL:HG21	1:81:A:GLU:H	17	0.36
(34,1982)	1:12:A:VAL:HG22	1:81:A:GLU:H	17	0.36
(34,1982)	1:12:A:VAL:HG23	1:81:A:GLU:H	17	0.36
(34,1976)	1:12:A:VAL:HG11	1:43:A:MET:HE1	9	0.36
(34,1976)	1:12:A:VAL:HG11	1:43:A:MET:HE2	9	0.36
(34,1976)	1:12:A:VAL:HG11	1:43:A:MET:HE3	9	0.36
(34,1976)	1:12:A:VAL:HG12	1:43:A:MET:HE1	9	0.36
(34,1976)	1:12:A:VAL:HG12	1:43:A:MET:HE2	9	0.36
(34,1976)	1:12:A:VAL:HG12	1:43:A:MET:HE3	9	0.36
(34,1976)	1:12:A:VAL:HG13	1:43:A:MET:HE1	9	0.36
(34,1976)	1:12:A:VAL:HG13	1:43:A:MET:HE2	9	0.36
(34,1976)	1:12:A:VAL:HG13	1:43:A:MET:HE3	9	0.36
(34,1976)	1:12:A:VAL:HG21	1:43:A:MET:HE1	9	0.36
(34,1976)	1:12:A:VAL:HG21	1:43:A:MET:HE2	9	0.36
(34,1976)	1:12:A:VAL:HG21	1:43:A:MET:HE3	9	0.36
(34,1976)	1:12:A:VAL:HG22	1:43:A:MET:HE1	9	0.36
(34,1976)	1:12:A:VAL:HG22	1:43:A:MET:HE2	9	0.36
(34,1976)	1:12:A:VAL:HG22	1:43:A:MET:HE3	9	0.36
(34,1976)	1:12:A:VAL:HG23	1:43:A:MET:HE1	9	0.36
(34,1976)	1:12:A:VAL:HG23	1:43:A:MET:HE2	9	0.36
(34,1976)	1:12:A:VAL:HG23	1:43:A:MET:HE3	9	0.36
(34,1934)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	11	0.36
(34,1934)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	11	0.36
(34,1934)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	11	0.36
(34,1934)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	11	0.36
(34,1934)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	11	0.36
(34,1934)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	11	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1923)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	4	0.36
(34,1916)	1:80:A:TYR:HE1	1:81:A:GLU:H	16	0.36
(34,1916)	1:80:A:TYR:HE2	1:81:A:GLU:H	16	0.36
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	1	0.36
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	1	0.36
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	1	0.36
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	5	0.36
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	5	0.36
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	5	0.36
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	5	0.36
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	5	0.36
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	5	0.36
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	9	0.36
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	9	0.36
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	9	0.36
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	9	0.36
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	9	0.36
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	9	0.36
(34,1800)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	12	0.36
(34,1800)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	12	0.36
(34,1800)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	12	0.36
(34,1800)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	12	0.36
(34,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	9	0.36
(34,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	9	0.36
(34,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	9	0.36
(34,1611)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	17	0.36
(34,1611)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	17	0.36
(34,1611)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	17	0.36
(34,1611)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	17	0.36
(34,1611)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	17	0.36
(34,1611)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	17	0.36
(34,1562)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	17	0.36
(34,1562)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	17	0.36
(34,1562)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	17	0.36
(34,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE1	11	0.36
(34,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE2	11	0.36
(34,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE3	11	0.36
(34,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE1	11	0.36
(34,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE2	11	0.36
(34,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE3	11	0.36
(34,1503)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	11	0.36
(34,1503)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	11	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1503)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	11	0.36
(34,1503)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	11	0.36
(34,1503)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	11	0.36
(34,1503)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	11	0.36
(34,1459)	1:50:A:ALA:HB1	1:130:A:GLY:H	19	0.36
(34,1459)	1:50:A:ALA:HB2	1:130:A:GLY:H	19	0.36
(34,1459)	1:50:A:ALA:HB3	1:130:A:GLY:H	19	0.36
(34,1364)	1:125:A:THR:HG21	1:128:A:LEU:HB2	5	0.36
(34,1364)	1:125:A:THR:HG22	1:128:A:LEU:HB2	5	0.36
(34,1364)	1:125:A:THR:HG23	1:128:A:LEU:HB2	5	0.36
(34,1364)	1:125:A:THR:HG21	1:128:A:LEU:HB2	17	0.36
(34,1364)	1:125:A:THR:HG22	1:128:A:LEU:HB2	17	0.36
(34,1364)	1:125:A:THR:HG23	1:128:A:LEU:HB2	17	0.36
(34,1349)	1:64:A:LYS:HA	1:64:A:LYS:HD2	13	0.36
(34,1349)	1:64:A:LYS:HA	1:64:A:LYS:HD3	13	0.36
(34,1282)	1:23:A:LEU:HD11	1:24:A:ASP:H	16	0.36
(34,1282)	1:23:A:LEU:HD12	1:24:A:ASP:H	16	0.36
(34,1282)	1:23:A:LEU:HD13	1:24:A:ASP:H	16	0.36
(34,1281)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	1	0.36
(34,1281)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	1	0.36
(34,1281)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	1	0.36
(34,1064)	1:11:A:ILE:HB	1:44:A:GLU:HB2	11	0.36
(34,1064)	1:11:A:ILE:HB	1:44:A:GLU:HB3	11	0.36
(34,1021)	1:114:A:ILE:HA	1:117:A:VAL:HG11	8	0.36
(34,1021)	1:114:A:ILE:HA	1:117:A:VAL:HG12	8	0.36
(34,1021)	1:114:A:ILE:HA	1:117:A:VAL:HG13	8	0.36
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB2	12	0.36
(34,1014)	1:12:A:VAL:HB	1:31:A:PRO:HB3	12	0.36
(34,955)	1:60:A:LEU:HB3	1:117:A:VAL:HA	16	0.36
(34,946)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	16	0.36
(34,946)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	16	0.36
(34,911)	1:94:A:ALA:HA	1:95:A:ILE:HB	18	0.36
(34,899)	1:151:A:PHE:H	1:151:A:PHE:HB3	14	0.36
(34,807)	1:55:A:GLY:H	1:58:A:ILE:HD11	10	0.36
(34,807)	1:55:A:GLY:H	1:58:A:ILE:HD12	10	0.36
(34,807)	1:55:A:GLY:H	1:58:A:ILE:HD13	10	0.36
(34,795)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	1	0.36
(34,795)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	1	0.36
(34,795)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	1	0.36
(34,795)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	1	0.36
(34,795)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	1	0.36
(34,795)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	1	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,594)	1:126:A:GLY:H	1:128:A:LEU:HB2	6	0.36
(34,239)	1:11:A:ILE:HB	1:44:A:GLU:H	6	0.36
(33,2439)	1:131:A:LEU:HD11	1:134:A:VAL:HB	5	0.36
(33,2439)	1:131:A:LEU:HD12	1:134:A:VAL:HB	5	0.36
(33,2439)	1:131:A:LEU:HD13	1:134:A:VAL:HB	5	0.36
(33,2439)	1:131:A:LEU:HD21	1:134:A:VAL:HB	5	0.36
(33,2439)	1:131:A:LEU:HD22	1:134:A:VAL:HB	5	0.36
(33,2439)	1:131:A:LEU:HD23	1:134:A:VAL:HB	5	0.36
(33,2264)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	14	0.36
(33,2264)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	14	0.36
(33,2264)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	14	0.36
(33,2264)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	14	0.36
(33,2255)	1:69:A:MET:HG2	1:109:A:PRO:HA	8	0.36
(33,2255)	1:69:A:MET:HG3	1:109:A:PRO:HA	8	0.36
(33,2116)	1:39:A:VAL:HG11	1:139:A:LEU:HD11	18	0.36
(33,2116)	1:39:A:VAL:HG11	1:139:A:LEU:HD12	18	0.36
(33,2116)	1:39:A:VAL:HG11	1:139:A:LEU:HD13	18	0.36
(33,2116)	1:39:A:VAL:HG11	1:139:A:LEU:HD21	18	0.36
(33,2116)	1:39:A:VAL:HG11	1:139:A:LEU:HD22	18	0.36
(33,2116)	1:39:A:VAL:HG11	1:139:A:LEU:HD23	18	0.36
(33,2116)	1:39:A:VAL:HG12	1:139:A:LEU:HD11	18	0.36
(33,2116)	1:39:A:VAL:HG12	1:139:A:LEU:HD12	18	0.36
(33,2116)	1:39:A:VAL:HG12	1:139:A:LEU:HD13	18	0.36
(33,2116)	1:39:A:VAL:HG12	1:139:A:LEU:HD21	18	0.36
(33,2116)	1:39:A:VAL:HG12	1:139:A:LEU:HD22	18	0.36
(33,2116)	1:39:A:VAL:HG12	1:139:A:LEU:HD23	18	0.36
(33,2116)	1:39:A:VAL:HG13	1:139:A:LEU:HD11	18	0.36
(33,2116)	1:39:A:VAL:HG13	1:139:A:LEU:HD12	18	0.36
(33,2116)	1:39:A:VAL:HG13	1:139:A:LEU:HD13	18	0.36
(33,2116)	1:39:A:VAL:HG13	1:139:A:LEU:HD21	18	0.36
(33,2116)	1:39:A:VAL:HG13	1:139:A:LEU:HD22	18	0.36
(33,2116)	1:39:A:VAL:HG13	1:139:A:LEU:HD23	18	0.36
(33,2116)	1:39:A:VAL:HG21	1:139:A:LEU:HD11	18	0.36
(33,2116)	1:39:A:VAL:HG21	1:139:A:LEU:HD12	18	0.36
(33,2116)	1:39:A:VAL:HG21	1:139:A:LEU:HD13	18	0.36
(33,2116)	1:39:A:VAL:HG21	1:139:A:LEU:HD21	18	0.36
(33,2116)	1:39:A:VAL:HG21	1:139:A:LEU:HD22	18	0.36
(33,2116)	1:39:A:VAL:HG21	1:139:A:LEU:HD23	18	0.36
(33,2116)	1:39:A:VAL:HG22	1:139:A:LEU:HD11	18	0.36
(33,2116)	1:39:A:VAL:HG22	1:139:A:LEU:HD12	18	0.36
(33,2116)	1:39:A:VAL:HG22	1:139:A:LEU:HD13	18	0.36
(33,2116)	1:39:A:VAL:HG22	1:139:A:LEU:HD21	18	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2116)	1:39:A:VAL:HG22	1:139:A:LEU:HD22	18	0.36
(33,2116)	1:39:A:VAL:HG22	1:139:A:LEU:HD23	18	0.36
(33,2116)	1:39:A:VAL:HG23	1:139:A:LEU:HD11	18	0.36
(33,2116)	1:39:A:VAL:HG23	1:139:A:LEU:HD12	18	0.36
(33,2116)	1:39:A:VAL:HG23	1:139:A:LEU:HD13	18	0.36
(33,2116)	1:39:A:VAL:HG23	1:139:A:LEU:HD21	18	0.36
(33,2116)	1:39:A:VAL:HG23	1:139:A:LEU:HD22	18	0.36
(33,2116)	1:39:A:VAL:HG23	1:139:A:LEU:HD23	18	0.36
(33,2071)	1:35:A:LEU:H	1:35:A:LEU:HD11	6	0.36
(33,2071)	1:35:A:LEU:H	1:35:A:LEU:HD12	6	0.36
(33,2071)	1:35:A:LEU:H	1:35:A:LEU:HD13	6	0.36
(33,2071)	1:35:A:LEU:H	1:35:A:LEU:HD21	6	0.36
(33,2071)	1:35:A:LEU:H	1:35:A:LEU:HD22	6	0.36
(33,2071)	1:35:A:LEU:H	1:35:A:LEU:HD23	6	0.36
(33,2039)	1:23:A:LEU:HD11	1:25:A:ALA:H	10	0.36
(33,2039)	1:23:A:LEU:HD12	1:25:A:ALA:H	10	0.36
(33,2039)	1:23:A:LEU:HD13	1:25:A:ALA:H	10	0.36
(33,2039)	1:23:A:LEU:HD21	1:25:A:ALA:H	10	0.36
(33,2039)	1:23:A:LEU:HD22	1:25:A:ALA:H	10	0.36
(33,2039)	1:23:A:LEU:HD23	1:25:A:ALA:H	10	0.36
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	18	0.36
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	18	0.36
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	18	0.36
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	18	0.36
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	18	0.36
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	18	0.36
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	18	0.36
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	18	0.36
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	18	0.36
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	18	0.36
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	18	0.36
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	18	0.36
(33,1916)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	4	0.36
(33,1916)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	4	0.36
(33,1907)	1:80:A:TYR:HE1	1:81:A:GLU:H	16	0.36
(33,1907)	1:80:A:TYR:HE2	1:81:A:GLU:H	16	0.36
(33,1648)	1:69:A:MET:HE1	1:116:A:GLN:HE22	18	0.36
(33,1648)	1:69:A:MET:HE2	1:116:A:GLN:HE22	18	0.36
(33,1648)	1:69:A:MET:HE3	1:116:A:GLN:HE22	18	0.36
(33,1598)	1:73:A:ILE:HG21	1:76:A:ARG:H	9	0.36
(33,1598)	1:73:A:ILE:HG22	1:76:A:ARG:H	9	0.36
(33,1598)	1:73:A:ILE:HG23	1:76:A:ARG:H	9	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1526)	1:76:A:ARG:HG2	1:110:A:MET:HE1	11	0.36
(33,1526)	1:76:A:ARG:HG2	1:110:A:MET:HE2	11	0.36
(33,1526)	1:76:A:ARG:HG2	1:110:A:MET:HE3	11	0.36
(33,1526)	1:76:A:ARG:HG3	1:110:A:MET:HE1	11	0.36
(33,1526)	1:76:A:ARG:HG3	1:110:A:MET:HE2	11	0.36
(33,1526)	1:76:A:ARG:HG3	1:110:A:MET:HE3	11	0.36
(33,1524)	1:69:A:MET:HE1	1:76:A:ARG:HG2	5	0.36
(33,1524)	1:69:A:MET:HE1	1:76:A:ARG:HG3	5	0.36
(33,1524)	1:69:A:MET:HE2	1:76:A:ARG:HG2	5	0.36
(33,1524)	1:69:A:MET:HE2	1:76:A:ARG:HG3	5	0.36
(33,1524)	1:69:A:MET:HE3	1:76:A:ARG:HG2	5	0.36
(33,1524)	1:69:A:MET:HE3	1:76:A:ARG:HG3	5	0.36
(33,1510)	1:69:A:MET:HE1	1:116:A:GLN:HE21	13	0.36
(33,1510)	1:69:A:MET:HE2	1:116:A:GLN:HE21	13	0.36
(33,1510)	1:69:A:MET:HE3	1:116:A:GLN:HE21	13	0.36
(33,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	11	0.36
(33,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	11	0.36
(33,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	11	0.36
(33,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	11	0.36
(33,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	11	0.36
(33,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	11	0.36
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	16	0.36
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	16	0.36
(33,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	16	0.36
(33,1331)	1:64:A:LYS:HA	1:64:A:LYS:HD2	13	0.36
(33,1331)	1:64:A:LYS:HA	1:64:A:LYS:HD3	13	0.36
(33,1237)	1:136:A:CYS:HA	1:140:A:LEU:HD21	3	0.36
(33,1237)	1:136:A:CYS:HA	1:140:A:LEU:HD22	3	0.36
(33,1237)	1:136:A:CYS:HA	1:140:A:LEU:HD23	3	0.36
(33,1180)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	9	0.36
(33,1180)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	9	0.36
(33,1180)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	9	0.36
(33,1180)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	9	0.36
(33,1180)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	9	0.36
(33,1180)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	9	0.36
(33,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD11	12	0.36
(33,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD12	12	0.36
(33,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD13	12	0.36
(33,1133)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	17	0.36
(33,1133)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	17	0.36
(33,1133)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	17	0.36
(33,1133)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	17	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1133)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	17	0.36
(33,1133)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	17	0.36
(33,991)	1:104:A:PHE:H	1:105:A:LYS:HB2	7	0.36
(33,991)	1:104:A:PHE:H	1:105:A:LYS:HB3	7	0.36
(33,933)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	16	0.36
(33,933)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	16	0.36
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	4	0.36
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	4	0.36
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	4	0.36
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	4	0.36
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	4	0.36
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	4	0.36
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	4	0.36
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	4	0.36
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	4	0.36
(33,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	17	0.36
(33,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	17	0.36
(33,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	17	0.36
(33,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	17	0.36
(33,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	17	0.36
(33,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	17	0.36
(33,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	17	0.36
(33,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	17	0.36
(33,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	17	0.36
(33,772)	1:69:A:MET:HG3	1:73:A:ILE:HD11	10	0.36
(33,772)	1:69:A:MET:HG3	1:73:A:ILE:HD12	10	0.36
(33,772)	1:69:A:MET:HG3	1:73:A:ILE:HD13	10	0.36
(33,747)	1:105:A:LYS:HG3	1:112:A:GLN:HE21	17	0.36
(33,640)	1:66:A:THR:H	1:70:A:LYS:H	13	0.36
(33,616)	1:14:A:VAL:HB	1:16:A:SER:H	14	0.36
(33,51)	1:47:A:ALA:H	1:52:A:CYS:HB2	11	0.36
(33,51)	1:47:A:ALA:H	1:52:A:CYS:HB3	11	0.36
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD11	12	0.36
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD12	12	0.36
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD13	12	0.36
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD21	12	0.36
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD22	12	0.36
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD23	12	0.36
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD11	2	0.36
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD12	2	0.36
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD13	2	0.36
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD21	2	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD22	2	0.36
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD23	2	0.36
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD11	17	0.36
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD12	17	0.36
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD13	17	0.36
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD21	17	0.36
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD22	17	0.36
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD23	17	0.36
(32,2285)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	4	0.36
(32,2285)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	4	0.36
(32,2285)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	4	0.36
(32,2285)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	4	0.36
(32,2285)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	4	0.36
(32,2285)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	4	0.36
(32,2285)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	4	0.36
(32,2285)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	4	0.36
(32,2285)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	4	0.36
(32,2285)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	4	0.36
(32,2285)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	4	0.36
(32,2285)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	4	0.36
(32,2095)	1:39:A:VAL:HG11	1:139:A:LEU:HD11	18	0.36
(32,2095)	1:39:A:VAL:HG11	1:139:A:LEU:HD12	18	0.36
(32,2095)	1:39:A:VAL:HG11	1:139:A:LEU:HD13	18	0.36
(32,2095)	1:39:A:VAL:HG11	1:139:A:LEU:HD21	18	0.36
(32,2095)	1:39:A:VAL:HG11	1:139:A:LEU:HD22	18	0.36
(32,2095)	1:39:A:VAL:HG11	1:139:A:LEU:HD23	18	0.36
(32,2095)	1:39:A:VAL:HG12	1:139:A:LEU:HD11	18	0.36
(32,2095)	1:39:A:VAL:HG12	1:139:A:LEU:HD12	18	0.36
(32,2095)	1:39:A:VAL:HG12	1:139:A:LEU:HD13	18	0.36
(32,2095)	1:39:A:VAL:HG12	1:139:A:LEU:HD21	18	0.36
(32,2095)	1:39:A:VAL:HG12	1:139:A:LEU:HD22	18	0.36
(32,2095)	1:39:A:VAL:HG12	1:139:A:LEU:HD23	18	0.36
(32,2095)	1:39:A:VAL:HG13	1:139:A:LEU:HD11	18	0.36
(32,2095)	1:39:A:VAL:HG13	1:139:A:LEU:HD12	18	0.36
(32,2095)	1:39:A:VAL:HG13	1:139:A:LEU:HD13	18	0.36
(32,2095)	1:39:A:VAL:HG13	1:139:A:LEU:HD21	18	0.36
(32,2095)	1:39:A:VAL:HG13	1:139:A:LEU:HD22	18	0.36
(32,2095)	1:39:A:VAL:HG13	1:139:A:LEU:HD23	18	0.36
(32,2095)	1:39:A:VAL:HG21	1:139:A:LEU:HD11	18	0.36
(32,2095)	1:39:A:VAL:HG21	1:139:A:LEU:HD12	18	0.36
(32,2095)	1:39:A:VAL:HG21	1:139:A:LEU:HD13	18	0.36
(32,2095)	1:39:A:VAL:HG21	1:139:A:LEU:HD21	18	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2095)	1:39:A:VAL:HG21	1:139:A:LEU:HD22	18	0.36
(32,2095)	1:39:A:VAL:HG21	1:139:A:LEU:HD23	18	0.36
(32,2095)	1:39:A:VAL:HG22	1:139:A:LEU:HD11	18	0.36
(32,2095)	1:39:A:VAL:HG22	1:139:A:LEU:HD12	18	0.36
(32,2095)	1:39:A:VAL:HG22	1:139:A:LEU:HD13	18	0.36
(32,2095)	1:39:A:VAL:HG22	1:139:A:LEU:HD21	18	0.36
(32,2095)	1:39:A:VAL:HG22	1:139:A:LEU:HD22	18	0.36
(32,2095)	1:39:A:VAL:HG22	1:139:A:LEU:HD23	18	0.36
(32,2095)	1:39:A:VAL:HG23	1:139:A:LEU:HD11	18	0.36
(32,2095)	1:39:A:VAL:HG23	1:139:A:LEU:HD12	18	0.36
(32,2095)	1:39:A:VAL:HG23	1:139:A:LEU:HD13	18	0.36
(32,2095)	1:39:A:VAL:HG23	1:139:A:LEU:HD21	18	0.36
(32,2095)	1:39:A:VAL:HG23	1:139:A:LEU:HD22	18	0.36
(32,2095)	1:39:A:VAL:HG23	1:139:A:LEU:HD23	18	0.36
(32,2045)	1:35:A:LEU:H	1:35:A:LEU:HD11	6	0.36
(32,2045)	1:35:A:LEU:H	1:35:A:LEU:HD12	6	0.36
(32,2045)	1:35:A:LEU:H	1:35:A:LEU:HD13	6	0.36
(32,2045)	1:35:A:LEU:H	1:35:A:LEU:HD21	6	0.36
(32,2045)	1:35:A:LEU:H	1:35:A:LEU:HD22	6	0.36
(32,2045)	1:35:A:LEU:H	1:35:A:LEU:HD23	6	0.36
(32,2043)	1:32:A:GLY:HA2	1:34:A:LYS:H	6	0.36
(32,2043)	1:32:A:GLY:HA3	1:34:A:LYS:H	6	0.36
(32,2006)	1:23:A:LEU:HD11	1:25:A:ALA:H	8	0.36
(32,2006)	1:23:A:LEU:HD12	1:25:A:ALA:H	8	0.36
(32,2006)	1:23:A:LEU:HD13	1:25:A:ALA:H	8	0.36
(32,2006)	1:23:A:LEU:HD21	1:25:A:ALA:H	8	0.36
(32,2006)	1:23:A:LEU:HD22	1:25:A:ALA:H	8	0.36
(32,2006)	1:23:A:LEU:HD23	1:25:A:ALA:H	8	0.36
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD11	18	0.36
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD12	18	0.36
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD13	18	0.36
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD21	18	0.36
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD22	18	0.36
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD23	18	0.36
(32,1987)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	10	0.36
(32,1987)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	10	0.36
(32,1987)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	10	0.36
(32,1987)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	10	0.36
(32,1987)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	10	0.36
(32,1987)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	10	0.36
(32,1874)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	2	0.36
(32,1871)	1:80:A:TYR:HE1	1:81:A:GLU:H	16	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1871)	1:80:A:TYR:HE2	1:81:A:GLU:H	16	0.36
(32,1869)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	12	0.36
(32,1869)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	12	0.36
(32,1869)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	12	0.36
(32,1869)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	12	0.36
(32,1852)	1:104:A:PHE:HE1	1:115:A:ALA:H	7	0.36
(32,1852)	1:104:A:PHE:HE2	1:115:A:ALA:H	7	0.36
(32,1821)	1:9:A:PHE:HD1	1:57:A:LEU:HG	9	0.36
(32,1821)	1:9:A:PHE:HD2	1:57:A:LEU:HG	9	0.36
(32,1571)	1:73:A:ILE:HG21	1:76:A:ARG:H	9	0.36
(32,1571)	1:73:A:ILE:HG22	1:76:A:ARG:H	9	0.36
(32,1571)	1:73:A:ILE:HG23	1:76:A:ARG:H	9	0.36
(32,1411)	1:50:A:ALA:HB1	1:130:A:GLY:H	19	0.36
(32,1411)	1:50:A:ALA:HB2	1:130:A:GLY:H	19	0.36
(32,1411)	1:50:A:ALA:HB3	1:130:A:GLY:H	19	0.36
(32,1299)	1:64:A:LYS:HA	1:64:A:LYS:HD2	13	0.36
(32,1299)	1:64:A:LYS:HA	1:64:A:LYS:HD3	13	0.36
(32,1240)	1:114:A:ILE:HA	1:117:A:VAL:HG11	8	0.36
(32,1240)	1:114:A:ILE:HA	1:117:A:VAL:HG12	8	0.36
(32,1240)	1:114:A:ILE:HA	1:117:A:VAL:HG13	8	0.36
(32,1042)	1:11:A:ILE:HG12	1:44:A:GLU:HA	1	0.36
(32,775)	1:54:A:ARG:HB3	1:58:A:ILE:HD11	11	0.36
(32,775)	1:54:A:ARG:HB3	1:58:A:ILE:HD12	11	0.36
(32,775)	1:54:A:ARG:HB3	1:58:A:ILE:HD13	11	0.36
(32,607)	1:35:A:LEU:H	1:80:A:TYR:HB2	5	0.36
(32,344)	1:104:A:PHE:H	1:104:A:PHE:HD1	15	0.36
(32,344)	1:104:A:PHE:H	1:104:A:PHE:HD2	15	0.36
(32,325)	1:57:A:LEU:H	1:58:A:ILE:HG13	8	0.36
(32,224)	1:10:A:ASN:H	1:13:A:ALA:HB1	17	0.36
(32,224)	1:10:A:ASN:H	1:13:A:ALA:HB2	17	0.36
(32,224)	1:10:A:ASN:H	1:13:A:ALA:HB3	17	0.36
(32,49)	1:98:A:ILE:H	1:101:A:ILE:HG13	10	0.36
(32,44)	1:47:A:ALA:H	1:52:A:CYS:HB2	11	0.36
(32,44)	1:47:A:ALA:H	1:52:A:CYS:HB3	11	0.36
(30,2247)	1:69:A:MET:H	1:70:A:LYS:HG2	6	0.36
(30,2247)	1:69:A:MET:H	1:70:A:LYS:HG3	6	0.36
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	17	0.36
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	17	0.36
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	17	0.36
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	17	0.36
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	17	0.36
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	17	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	17	0.36
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	17	0.36
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	17	0.36
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	17	0.36
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	17	0.36
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	17	0.36
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	17	0.36
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	17	0.36
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	17	0.36
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	17	0.36
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	17	0.36
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	17	0.36
(30,2146)	1:40:A:LEU:HD11	1:44:A:GLU:H	13	0.36
(30,2146)	1:40:A:LEU:HD12	1:44:A:GLU:H	13	0.36
(30,2146)	1:40:A:LEU:HD13	1:44:A:GLU:H	13	0.36
(30,2146)	1:40:A:LEU:HD21	1:44:A:GLU:H	13	0.36
(30,2146)	1:40:A:LEU:HD22	1:44:A:GLU:H	13	0.36
(30,2146)	1:40:A:LEU:HD23	1:44:A:GLU:H	13	0.36
(30,2085)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	9	0.36
(30,2085)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	9	0.36
(30,2085)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	9	0.36
(30,2085)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	9	0.36
(30,2085)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	9	0.36
(30,2085)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	9	0.36
(30,2084)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	18	0.36
(30,2084)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	18	0.36
(30,2084)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	18	0.36
(30,2084)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	18	0.36
(30,2084)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	18	0.36
(30,2084)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	18	0.36
(30,2063)	1:34:A:LYS:H	1:81:A:GLU:HB2	9	0.36
(30,2063)	1:34:A:LYS:H	1:81:A:GLU:HB3	9	0.36
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	1	0.36
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	1	0.36
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	1	0.36
(30,1725)	1:14:A:VAL:H	1:79:A:THR:HG21	2	0.36
(30,1725)	1:14:A:VAL:H	1:79:A:THR:HG22	2	0.36
(30,1725)	1:14:A:VAL:H	1:79:A:THR:HG23	2	0.36
(30,1670)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	1	0.36
(30,1670)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	1	0.36
(30,1670)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	1	0.36
(30,1670)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	1	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1670)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	6	0.36
(30,1670)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	6	0.36
(30,1670)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	6	0.36
(30,1670)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	6	0.36
(30,1610)	1:73:A:ILE:HG21	1:76:A:ARG:H	9	0.36
(30,1610)	1:73:A:ILE:HG22	1:76:A:ARG:H	9	0.36
(30,1610)	1:73:A:ILE:HG23	1:76:A:ARG:H	9	0.36
(30,1584)	1:101:A:ILE:HD11	1:112:A:GLN:HA	6	0.36
(30,1584)	1:101:A:ILE:HD12	1:112:A:GLN:HA	6	0.36
(30,1584)	1:101:A:ILE:HD13	1:112:A:GLN:HA	6	0.36
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	3	0.36
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	3	0.36
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	3	0.36
(30,1544)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	17	0.36
(30,1544)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	17	0.36
(30,1544)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	17	0.36
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	16	0.36
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	16	0.36
(30,1473)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	16	0.36
(30,1400)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	8	0.36
(30,1400)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	8	0.36
(30,1400)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	8	0.36
(30,1400)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	8	0.36
(30,1400)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	8	0.36
(30,1400)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	8	0.36
(30,1400)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	8	0.36
(30,1400)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	8	0.36
(30,1400)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	8	0.36
(30,1344)	1:114:A:ILE:HA	1:117:A:VAL:HG11	8	0.36
(30,1344)	1:114:A:ILE:HA	1:117:A:VAL:HG12	8	0.36
(30,1344)	1:114:A:ILE:HA	1:117:A:VAL:HG13	8	0.36
(30,1031)	1:11:A:ILE:HA	1:11:A:ILE:HD11	9	0.36
(30,1031)	1:11:A:ILE:HA	1:11:A:ILE:HD12	9	0.36
(30,1031)	1:11:A:ILE:HA	1:11:A:ILE:HD13	9	0.36
(30,1020)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	18	0.36
(30,1004)	1:66:A:THR:HG21	1:96:A:VAL:HA	18	0.36
(30,1004)	1:66:A:THR:HG22	1:96:A:VAL:HA	18	0.36
(30,1004)	1:66:A:THR:HG23	1:96:A:VAL:HA	18	0.36
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	12	0.36
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	12	0.36
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	12	0.36
(30,482)	1:145:A:PRO:HB2	1:148:A:CYS:H	12	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,377)	1:40:A:LEU:HB3	1:41:A:LYS:H	19	0.36
(30,235)	1:10:A:ASN:H	1:13:A:ALA:HB1	17	0.36
(30,235)	1:10:A:ASN:H	1:13:A:ALA:HB2	17	0.36
(30,235)	1:10:A:ASN:H	1:13:A:ALA:HB3	17	0.36
(30,76)	1:29:A:LYS:HA	1:30:A:LEU:H	2	0.36
(30,76)	1:29:A:LYS:HA	1:30:A:LEU:H	17	0.36
(29,2358)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	15	0.36
(29,2358)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	15	0.36
(29,2358)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	15	0.36
(29,2358)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	15	0.36
(29,2358)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	15	0.36
(29,2358)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	15	0.36
(29,2339)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	16	0.36
(29,2339)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	16	0.36
(29,2339)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	16	0.36
(29,2339)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	16	0.36
(29,2339)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	16	0.36
(29,2339)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	16	0.36
(29,2339)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	16	0.36
(29,2339)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	16	0.36
(29,2339)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	16	0.36
(29,2339)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	16	0.36
(29,2339)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	16	0.36
(29,2339)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	16	0.36
(29,2339)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	16	0.36
(29,2339)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	16	0.36
(29,2339)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	16	0.36
(29,2339)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	16	0.36
(29,2339)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	16	0.36
(29,2339)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	16	0.36
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD11	12	0.36
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD12	12	0.36
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD13	12	0.36
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD21	12	0.36
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD22	12	0.36
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD23	12	0.36
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	6	0.36
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	6	0.36
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	6	0.36
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	6	0.36
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	6	0.36
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	6	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	6	0.36
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	6	0.36
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	6	0.36
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	6	0.36
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	6	0.36
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	6	0.36
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	6	0.36
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	6	0.36
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	6	0.36
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	6	0.36
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	6	0.36
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	6	0.36
(29,2144)	1:40:A:LEU:HD11	1:44:A:GLU:HG2	17	0.36
(29,2144)	1:40:A:LEU:HD12	1:44:A:GLU:HG2	17	0.36
(29,2144)	1:40:A:LEU:HD13	1:44:A:GLU:HG2	17	0.36
(29,2144)	1:40:A:LEU:HD21	1:44:A:GLU:HG2	17	0.36
(29,2144)	1:40:A:LEU:HD22	1:44:A:GLU:HG2	17	0.36
(29,2144)	1:40:A:LEU:HD23	1:44:A:GLU:HG2	17	0.36
(29,2123)	1:39:A:VAL:HG11	1:139:A:LEU:HD11	18	0.36
(29,2123)	1:39:A:VAL:HG11	1:139:A:LEU:HD12	18	0.36
(29,2123)	1:39:A:VAL:HG11	1:139:A:LEU:HD13	18	0.36
(29,2123)	1:39:A:VAL:HG11	1:139:A:LEU:HD21	18	0.36
(29,2123)	1:39:A:VAL:HG11	1:139:A:LEU:HD22	18	0.36
(29,2123)	1:39:A:VAL:HG11	1:139:A:LEU:HD23	18	0.36
(29,2123)	1:39:A:VAL:HG12	1:139:A:LEU:HD11	18	0.36
(29,2123)	1:39:A:VAL:HG12	1:139:A:LEU:HD12	18	0.36
(29,2123)	1:39:A:VAL:HG12	1:139:A:LEU:HD13	18	0.36
(29,2123)	1:39:A:VAL:HG12	1:139:A:LEU:HD21	18	0.36
(29,2123)	1:39:A:VAL:HG12	1:139:A:LEU:HD22	18	0.36
(29,2123)	1:39:A:VAL:HG12	1:139:A:LEU:HD23	18	0.36
(29,2123)	1:39:A:VAL:HG13	1:139:A:LEU:HD11	18	0.36
(29,2123)	1:39:A:VAL:HG13	1:139:A:LEU:HD12	18	0.36
(29,2123)	1:39:A:VAL:HG13	1:139:A:LEU:HD13	18	0.36
(29,2123)	1:39:A:VAL:HG13	1:139:A:LEU:HD21	18	0.36
(29,2123)	1:39:A:VAL:HG13	1:139:A:LEU:HD22	18	0.36
(29,2123)	1:39:A:VAL:HG13	1:139:A:LEU:HD23	18	0.36
(29,2123)	1:39:A:VAL:HG21	1:139:A:LEU:HD11	18	0.36
(29,2123)	1:39:A:VAL:HG21	1:139:A:LEU:HD12	18	0.36
(29,2123)	1:39:A:VAL:HG21	1:139:A:LEU:HD13	18	0.36
(29,2123)	1:39:A:VAL:HG21	1:139:A:LEU:HD21	18	0.36
(29,2123)	1:39:A:VAL:HG21	1:139:A:LEU:HD22	18	0.36
(29,2123)	1:39:A:VAL:HG21	1:139:A:LEU:HD23	18	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2123)	1:39:A:VAL:HG22	1:139:A:LEU:HD11	18	0.36
(29,2123)	1:39:A:VAL:HG22	1:139:A:LEU:HD12	18	0.36
(29,2123)	1:39:A:VAL:HG22	1:139:A:LEU:HD13	18	0.36
(29,2123)	1:39:A:VAL:HG22	1:139:A:LEU:HD21	18	0.36
(29,2123)	1:39:A:VAL:HG22	1:139:A:LEU:HD22	18	0.36
(29,2123)	1:39:A:VAL:HG22	1:139:A:LEU:HD23	18	0.36
(29,2123)	1:39:A:VAL:HG23	1:139:A:LEU:HD11	18	0.36
(29,2123)	1:39:A:VAL:HG23	1:139:A:LEU:HD12	18	0.36
(29,2123)	1:39:A:VAL:HG23	1:139:A:LEU:HD13	18	0.36
(29,2123)	1:39:A:VAL:HG23	1:139:A:LEU:HD21	18	0.36
(29,2123)	1:39:A:VAL:HG23	1:139:A:LEU:HD22	18	0.36
(29,2123)	1:39:A:VAL:HG23	1:139:A:LEU:HD23	18	0.36
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	13	0.36
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	13	0.36
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	13	0.36
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	13	0.36
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	13	0.36
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	13	0.36
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	13	0.36
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	13	0.36
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	13	0.36
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	13	0.36
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	13	0.36
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	13	0.36
(29,1931)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	2	0.36
(29,1928)	1:80:A:TYR:HE1	1:81:A:GLU:H	16	0.36
(29,1928)	1:80:A:TYR:HE2	1:81:A:GLU:H	16	0.36
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	11	0.36
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	11	0.36
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	11	0.36
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	11	0.36
(29,1852)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	7	0.36
(29,1852)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	7	0.36
(29,1828)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	1	0.36
(29,1828)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	1	0.36
(29,1828)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	1	0.36
(29,1828)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	1	0.36
(29,1828)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	1	0.36
(29,1828)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	1	0.36
(29,1681)	1:69:A:MET:HE1	1:116:A:GLN:HE21	13	0.36
(29,1681)	1:69:A:MET:HE2	1:116:A:GLN:HE21	13	0.36
(29,1681)	1:69:A:MET:HE3	1:116:A:GLN:HE21	13	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1668)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	3	0.36
(29,1668)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	3	0.36
(29,1668)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	3	0.36
(29,1668)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	3	0.36
(29,1668)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	3	0.36
(29,1668)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	3	0.36
(29,1668)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	3	0.36
(29,1668)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	3	0.36
(29,1668)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	3	0.36
(29,1338)	1:64:A:LYS:HA	1:64:A:LYS:HD2	13	0.36
(29,1338)	1:64:A:LYS:HA	1:64:A:LYS:HD3	13	0.36
(29,1282)	1:114:A:ILE:HA	1:117:A:VAL:HG11	8	0.36
(29,1282)	1:114:A:ILE:HA	1:117:A:VAL:HG12	8	0.36
(29,1282)	1:114:A:ILE:HA	1:117:A:VAL:HG13	8	0.36
(29,1252)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	16	0.36
(29,1252)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	16	0.36
(29,1252)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	16	0.36
(29,1221)	1:41:A:LYS:HA	1:41:A:LYS:HG2	4	0.36
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD21	4	0.36
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD22	4	0.36
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD23	4	0.36
(29,1180)	1:140:A:LEU:HD21	1:144:A:LEU:H	2	0.36
(29,1180)	1:140:A:LEU:HD22	1:144:A:LEU:H	2	0.36
(29,1180)	1:140:A:LEU:HD23	1:144:A:LEU:H	2	0.36
(29,1040)	1:8:A:ASP:H	1:58:A:ILE:HG12	11	0.36
(29,966)	1:66:A:THR:H	1:96:A:VAL:HB	17	0.36
(29,937)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	16	0.36
(29,937)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	16	0.36
(29,587)	1:129:A:LYS:HG2	1:130:A:GLY:H	13	0.36
(29,374)	1:40:A:LEU:HB3	1:41:A:LYS:H	17	0.36
(29,351)	1:104:A:PHE:H	1:104:A:PHE:HD1	15	0.36
(29,351)	1:104:A:PHE:H	1:104:A:PHE:HD2	15	0.36
(29,322)	1:46:A:ASN:H	1:49:A:LYS:HB2	17	0.36
(29,322)	1:46:A:ASN:H	1:49:A:LYS:HB3	17	0.36
(29,238)	1:50:A:ALA:H	1:52:A:CYS:H	9	0.36
(29,159)	1:67:A:PRO:HD3	1:95:A:ILE:H	19	0.36
(29,150)	1:58:A:ILE:HG13	1:59:A:CYS:H	12	0.36
(29,50)	1:47:A:ALA:H	1:52:A:CYS:HB2	11	0.36
(29,50)	1:47:A:ALA:H	1:52:A:CYS:HB3	11	0.36
(23,17)	1:118:A:ASP:N	1:114:A:ILE:O	14	0.36
(23,6)	1:59:A:CYS:N	1:55:A:GLY:O	1	0.36
(23,6)	1:59:A:CYS:N	1:55:A:GLY:O	14	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(23,6)	1:59:A:CYS:N	1:55:A:GLY:O	15	0.36
(23,6)	1:59:A:CYS:N	1:55:A:GLY:O	17	0.36
(23,3)	1:44:A:GLU:N	1:40:A:LEU:O	16	0.36
(23,2)	1:39:A:VAL:N	1:36:A:PRO:O	9	0.36
(23,2)	1:39:A:VAL:N	1:36:A:PRO:O	12	0.36
(23,1)	1:17:A:ASN:N	1:13:A:ALA:O	1	0.36
(22,27)	1:115:A:ALA:H	1:111:A:GLU:C	14	0.36
(22,16)	1:61:A:SER:N	1:57:A:LEU:C	7	0.36
(22,16)	1:61:A:SER:N	1:57:A:LEU:C	12	0.36
(22,16)	1:61:A:SER:N	1:57:A:LEU:C	17	0.36
(22,16)	1:61:A:SER:N	1:57:A:LEU:C	18	0.36
(22,15)	1:61:A:SER:H	1:57:A:LEU:C	8	0.36
(22,11)	1:59:A:CYS:H	1:55:A:GLY:C	19	0.36
(18,2263)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	10	0.36
(18,2263)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	10	0.36
(18,2263)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	10	0.36
(18,2263)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	10	0.36
(18,2226)	1:60:A:LEU:HD11	1:123:A:CYS:H	3	0.36
(18,2226)	1:60:A:LEU:HD12	1:123:A:CYS:H	3	0.36
(18,2226)	1:60:A:LEU:HD13	1:123:A:CYS:H	3	0.36
(18,2226)	1:60:A:LEU:HD21	1:123:A:CYS:H	3	0.36
(18,2226)	1:60:A:LEU:HD22	1:123:A:CYS:H	3	0.36
(18,2226)	1:60:A:LEU:HD23	1:123:A:CYS:H	3	0.36
(18,2224)	1:60:A:LEU:HD11	1:122:A:ASP:H	3	0.36
(18,2224)	1:60:A:LEU:HD12	1:122:A:ASP:H	3	0.36
(18,2224)	1:60:A:LEU:HD13	1:122:A:ASP:H	3	0.36
(18,2224)	1:60:A:LEU:HD21	1:122:A:ASP:H	3	0.36
(18,2224)	1:60:A:LEU:HD22	1:122:A:ASP:H	3	0.36
(18,2224)	1:60:A:LEU:HD23	1:122:A:ASP:H	3	0.36
(18,2174)	1:47:A:ALA:H	1:134:A:VAL:HG11	11	0.36
(18,2174)	1:47:A:ALA:H	1:134:A:VAL:HG12	11	0.36
(18,2174)	1:47:A:ALA:H	1:134:A:VAL:HG13	11	0.36
(18,2174)	1:47:A:ALA:H	1:134:A:VAL:HG21	11	0.36
(18,2174)	1:47:A:ALA:H	1:134:A:VAL:HG22	11	0.36
(18,2174)	1:47:A:ALA:H	1:134:A:VAL:HG23	11	0.36
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD11	1	0.36
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD12	1	0.36
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD13	1	0.36
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD21	1	0.36
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD22	1	0.36
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD23	1	0.36
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	1	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	1	0.36
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	1	0.36
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	1	0.36
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	1	0.36
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	1	0.36
(18,1923)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	8	0.36
(18,1923)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	8	0.36
(18,1923)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	8	0.36
(18,1923)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	8	0.36
(18,1900)	1:80:A:TYR:HE1	1:81:A:GLU:H	16	0.36
(18,1900)	1:80:A:TYR:HE2	1:81:A:GLU:H	16	0.36
(18,1835)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	9	0.36
(18,1835)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	9	0.36
(18,1835)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	9	0.36
(18,1835)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	9	0.36
(18,1782)	1:9:A:PHE:HD1	1:11:A:ILE:HB	10	0.36
(18,1782)	1:9:A:PHE:HD2	1:11:A:ILE:HB	10	0.36
(18,1703)	1:14:A:VAL:H	1:79:A:THR:HG21	2	0.36
(18,1703)	1:14:A:VAL:H	1:79:A:THR:HG22	2	0.36
(18,1703)	1:14:A:VAL:H	1:79:A:THR:HG23	2	0.36
(18,1644)	1:69:A:MET:HE1	1:116:A:GLN:HE21	13	0.36
(18,1644)	1:69:A:MET:HE2	1:116:A:GLN:HE21	13	0.36
(18,1644)	1:69:A:MET:HE3	1:116:A:GLN:HE21	13	0.36
(18,1591)	1:73:A:ILE:HG21	1:76:A:ARG:H	9	0.36
(18,1591)	1:73:A:ILE:HG22	1:76:A:ARG:H	9	0.36
(18,1591)	1:73:A:ILE:HG23	1:76:A:ARG:H	9	0.36
(18,1524)	1:76:A:ARG:HG2	1:110:A:MET:HE1	11	0.36
(18,1524)	1:76:A:ARG:HG2	1:110:A:MET:HE2	11	0.36
(18,1524)	1:76:A:ARG:HG2	1:110:A:MET:HE3	11	0.36
(18,1524)	1:76:A:ARG:HG3	1:110:A:MET:HE1	11	0.36
(18,1524)	1:76:A:ARG:HG3	1:110:A:MET:HE2	11	0.36
(18,1524)	1:76:A:ARG:HG3	1:110:A:MET:HE3	11	0.36
(18,1475)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	11	0.36
(18,1475)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	11	0.36
(18,1475)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	11	0.36
(18,1475)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	11	0.36
(18,1475)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	11	0.36
(18,1475)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	11	0.36
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG21	14	0.36
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG22	14	0.36
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG23	14	0.36
(18,1322)	1:64:A:LYS:HA	1:64:A:LYS:HD2	13	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1322)	1:64:A:LYS:HA	1:64:A:LYS:HD3	13	0.36
(18,1224)	1:11:A:ILE:HD11	1:131:A:LEU:HA	7	0.36
(18,1224)	1:11:A:ILE:HD12	1:131:A:LEU:HA	7	0.36
(18,1224)	1:11:A:ILE:HD13	1:131:A:LEU:HA	7	0.36
(18,1141)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	17	0.36
(18,1141)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	17	0.36
(18,1141)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	17	0.36
(18,1141)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	17	0.36
(18,1141)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	17	0.36
(18,1141)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	17	0.36
(18,1074)	1:71:A:LYS:HG3	1:72:A:PHE:HA	2	0.36
(18,970)	1:66:A:THR:H	1:96:A:VAL:HB	4	0.36
(18,944)	1:73:A:ILE:HD11	1:112:A:GLN:HG2	8	0.36
(18,944)	1:73:A:ILE:HD11	1:112:A:GLN:HG3	8	0.36
(18,944)	1:73:A:ILE:HD12	1:112:A:GLN:HG2	8	0.36
(18,944)	1:73:A:ILE:HD12	1:112:A:GLN:HG3	8	0.36
(18,944)	1:73:A:ILE:HD13	1:112:A:GLN:HG2	8	0.36
(18,944)	1:73:A:ILE:HD13	1:112:A:GLN:HG3	8	0.36
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB2	9	0.36
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB2	9	0.36
(18,852)	1:29:A:LYS:HB2	1:144:A:LEU:HB3	9	0.36
(18,852)	1:29:A:LYS:HB3	1:144:A:LEU:HB3	9	0.36
(18,845)	1:45:A:ALA:HA	1:48:A:ARG:HD2	14	0.36
(18,845)	1:45:A:ALA:HA	1:48:A:ARG:HD3	14	0.36
(18,345)	1:57:A:LEU:H	1:58:A:ILE:HG13	8	0.36
(18,50)	1:47:A:ALA:H	1:52:A:CYS:HB2	11	0.36
(18,50)	1:47:A:ALA:H	1:52:A:CYS:HB3	11	0.36
(17,2369)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	16	0.36
(17,2369)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	16	0.36
(17,2369)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	16	0.36
(17,2369)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	16	0.36
(17,2369)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	16	0.36
(17,2369)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	16	0.36
(17,2369)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	16	0.36
(17,2369)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	16	0.36
(17,2369)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	16	0.36
(17,2369)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	16	0.36
(17,2369)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	16	0.36
(17,2369)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	16	0.36
(17,2369)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	16	0.36
(17,2369)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	16	0.36
(17,2369)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	16	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2369)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	16	0.36
(17,2369)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	16	0.36
(17,2369)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	16	0.36
(17,2221)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	17	0.36
(17,2221)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	17	0.36
(17,2221)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	17	0.36
(17,2221)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	17	0.36
(17,2221)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	17	0.36
(17,2221)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	17	0.36
(17,2221)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	17	0.36
(17,2221)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	17	0.36
(17,2221)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	17	0.36
(17,2221)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	17	0.36
(17,2221)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	17	0.36
(17,2221)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	17	0.36
(17,2221)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	17	0.36
(17,2221)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	17	0.36
(17,2221)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	17	0.36
(17,2221)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	17	0.36
(17,2221)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	17	0.36
(17,2221)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	17	0.36
(17,2221)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	17	0.36
(17,2221)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	17	0.36
(17,2221)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	17	0.36
(17,2221)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	17	0.36
(17,2221)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	17	0.36
(17,2221)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	17	0.36
(17,2221)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	17	0.36
(17,2221)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	17	0.36
(17,2221)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	17	0.36
(17,2221)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	17	0.36
(17,2221)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	17	0.36
(17,2221)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	17	0.36
(17,2221)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	17	0.36
(17,2221)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	17	0.36
(17,2221)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	17	0.36
(17,2221)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	17	0.36
(17,2221)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	17	0.36
(17,2221)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	17	0.36
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD11	12	0.36
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD12	12	0.36
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD13	12	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD21	12	0.36
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD22	12	0.36
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD23	12	0.36
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	6	0.36
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	6	0.36
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	6	0.36
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	6	0.36
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	6	0.36
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	6	0.36
(17,2074)	1:31:A:PRO:HD2	1:143:A:TRP:HA	6	0.36
(17,2074)	1:31:A:PRO:HD3	1:143:A:TRP:HA	6	0.36
(17,2053)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	14	0.36
(17,2053)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	14	0.36
(17,2053)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	14	0.36
(17,2053)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	14	0.36
(17,2053)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	14	0.36
(17,2053)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	14	0.36
(17,2053)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	14	0.36
(17,2053)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	14	0.36
(17,2053)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	14	0.36
(17,2053)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	14	0.36
(17,2053)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	14	0.36
(17,2053)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	14	0.36
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	13	0.36
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	13	0.36
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	13	0.36
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	13	0.36
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	13	0.36
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	13	0.36
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	13	0.36
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	13	0.36
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	13	0.36
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	13	0.36
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	13	0.36
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	13	0.36
(17,1944)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	11	0.36
(17,1944)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	11	0.36
(17,1944)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	11	0.36
(17,1944)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	11	0.36
(17,1944)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	11	0.36
(17,1944)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	11	0.36
(17,1935)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	5	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1935)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	5	0.36
(17,1935)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	5	0.36
(17,1931)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	4	0.36
(17,1931)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	4	0.36
(17,1925)	1:80:A:TYR:HE1	1:81:A:GLU:H	16	0.36
(17,1925)	1:80:A:TYR:HE2	1:81:A:GLU:H	16	0.36
(17,1863)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	9	0.36
(17,1863)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	9	0.36
(17,1863)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	9	0.36
(17,1863)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	9	0.36
(17,1851)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	2	0.36
(17,1851)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	2	0.36
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	7	0.36
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	7	0.36
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	7	0.36
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	7	0.36
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	7	0.36
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	7	0.36
(17,1812)	1:9:A:PHE:HD1	1:11:A:ILE:HB	10	0.36
(17,1812)	1:9:A:PHE:HD2	1:11:A:ILE:HB	10	0.36
(17,1774)	1:43:A:MET:H	1:140:A:LEU:HD21	13	0.36
(17,1774)	1:43:A:MET:H	1:140:A:LEU:HD22	13	0.36
(17,1774)	1:43:A:MET:H	1:140:A:LEU:HD23	13	0.36
(17,1772)	1:39:A:VAL:HB	1:139:A:LEU:HA	1	0.36
(17,1626)	1:126:A:GLY:H	1:128:A:LEU:HD11	13	0.36
(17,1626)	1:126:A:GLY:H	1:128:A:LEU:HD12	13	0.36
(17,1626)	1:126:A:GLY:H	1:128:A:LEU:HD13	13	0.36
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD2	5	0.36
(17,1531)	1:43:A:MET:HE1	1:147:A:ARG:HD3	5	0.36
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD2	5	0.36
(17,1531)	1:43:A:MET:HE2	1:147:A:ARG:HD3	5	0.36
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD2	5	0.36
(17,1531)	1:43:A:MET:HE3	1:147:A:ARG:HD3	5	0.36
(17,1509)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	11	0.36
(17,1509)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	11	0.36
(17,1509)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	11	0.36
(17,1509)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	11	0.36
(17,1509)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	11	0.36
(17,1509)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	11	0.36
(17,1477)	1:13:A:ALA:HB1	1:79:A:THR:HB	6	0.36
(17,1477)	1:13:A:ALA:HB2	1:79:A:THR:HB	6	0.36
(17,1477)	1:13:A:ALA:HB3	1:79:A:THR:HB	6	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1342)	1:64:A:LYS:HA	1:64:A:LYS:HD2	13	0.36
(17,1342)	1:64:A:LYS:HA	1:64:A:LYS:HD3	13	0.36
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	13	0.36
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	13	0.36
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	13	0.36
(17,1240)	1:136:A:CYS:HA	1:140:A:LEU:HD11	6	0.36
(17,1240)	1:136:A:CYS:HA	1:140:A:LEU:HD12	6	0.36
(17,1240)	1:136:A:CYS:HA	1:140:A:LEU:HD13	6	0.36
(17,1179)	1:136:A:CYS:HA	1:140:A:LEU:HD21	3	0.36
(17,1179)	1:136:A:CYS:HA	1:140:A:LEU:HD22	3	0.36
(17,1179)	1:136:A:CYS:HA	1:140:A:LEU:HD23	3	0.36
(17,1048)	1:11:A:ILE:HA	1:11:A:ILE:HD11	9	0.36
(17,1048)	1:11:A:ILE:HA	1:11:A:ILE:HD12	9	0.36
(17,1048)	1:11:A:ILE:HA	1:11:A:ILE:HD13	9	0.36
(17,998)	1:63:A:ILE:HA	1:64:A:LYS:HD2	9	0.36
(17,998)	1:63:A:ILE:HA	1:64:A:LYS:HD3	9	0.36
(17,936)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	16	0.36
(17,936)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	16	0.36
(17,918)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	14	0.36
(17,918)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	14	0.36
(17,918)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	14	0.36
(17,423)	1:39:A:VAL:HG21	1:143:A:TRP:H	6	0.36
(17,423)	1:39:A:VAL:HG22	1:143:A:TRP:H	6	0.36
(17,423)	1:39:A:VAL:HG23	1:143:A:TRP:H	6	0.36
(17,321)	1:46:A:ASN:H	1:49:A:LYS:HB2	17	0.36
(17,321)	1:46:A:ASN:H	1:49:A:LYS:HB3	17	0.36
(17,233)	1:50:A:ALA:H	1:52:A:CYS:H	9	0.36
(17,230)	1:11:A:ILE:HB	1:44:A:GLU:H	6	0.36
(17,46)	1:47:A:ALA:H	1:52:A:CYS:HB2	11	0.36
(17,46)	1:47:A:ALA:H	1:52:A:CYS:HB3	11	0.36
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG2	19	0.36
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG3	19	0.36
(16,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	11	0.36
(16,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	11	0.36
(16,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	11	0.36
(16,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	11	0.36
(16,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	11	0.36
(16,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	11	0.36
(16,2268)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	14	0.36
(16,2268)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	14	0.36
(16,2140)	1:40:A:LEU:HD11	1:43:A:MET:HB3	4	0.36
(16,2140)	1:40:A:LEU:HD12	1:43:A:MET:HB3	4	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2140)	1:40:A:LEU:HD13	1:43:A:MET:HB3	4	0.36
(16,2140)	1:40:A:LEU:HD21	1:43:A:MET:HB3	4	0.36
(16,2140)	1:40:A:LEU:HD22	1:43:A:MET:HB3	4	0.36
(16,2140)	1:40:A:LEU:HD23	1:43:A:MET:HB3	4	0.36
(16,2140)	1:40:A:LEU:HD11	1:43:A:MET:HB3	12	0.36
(16,2140)	1:40:A:LEU:HD12	1:43:A:MET:HB3	12	0.36
(16,2140)	1:40:A:LEU:HD13	1:43:A:MET:HB3	12	0.36
(16,2140)	1:40:A:LEU:HD21	1:43:A:MET:HB3	12	0.36
(16,2140)	1:40:A:LEU:HD22	1:43:A:MET:HB3	12	0.36
(16,2140)	1:40:A:LEU:HD23	1:43:A:MET:HB3	12	0.36
(16,2117)	1:39:A:VAL:HA	1:140:A:LEU:HD11	13	0.36
(16,2117)	1:39:A:VAL:HA	1:140:A:LEU:HD12	13	0.36
(16,2117)	1:39:A:VAL:HA	1:140:A:LEU:HD13	13	0.36
(16,2117)	1:39:A:VAL:HA	1:140:A:LEU:HD21	13	0.36
(16,2117)	1:39:A:VAL:HA	1:140:A:LEU:HD22	13	0.36
(16,2117)	1:39:A:VAL:HA	1:140:A:LEU:HD23	13	0.36
(16,2093)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	9	0.36
(16,2093)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	9	0.36
(16,2093)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	9	0.36
(16,2093)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	9	0.36
(16,2093)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	9	0.36
(16,2093)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	9	0.36
(16,2037)	1:23:A:LEU:HD11	1:25:A:ALA:H	8	0.36
(16,2037)	1:23:A:LEU:HD12	1:25:A:ALA:H	8	0.36
(16,2037)	1:23:A:LEU:HD13	1:25:A:ALA:H	8	0.36
(16,2037)	1:23:A:LEU:HD21	1:25:A:ALA:H	8	0.36
(16,2037)	1:23:A:LEU:HD22	1:25:A:ALA:H	8	0.36
(16,2037)	1:23:A:LEU:HD23	1:25:A:ALA:H	8	0.36
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD11	8	0.36
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD12	8	0.36
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD13	8	0.36
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD21	8	0.36
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD22	8	0.36
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD23	8	0.36
(16,1987)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	7	0.36
(16,1987)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	7	0.36
(16,1987)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	7	0.36
(16,1987)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	7	0.36
(16,1987)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	7	0.36
(16,1987)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	7	0.36
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD11	7	0.36
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD12	7	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD13	7	0.36
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD21	7	0.36
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD22	7	0.36
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD23	7	0.36
(16,1891)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	19	0.36
(16,1891)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	19	0.36
(16,1891)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	19	0.36
(16,1891)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	19	0.36
(16,1891)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	19	0.36
(16,1891)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	19	0.36
(16,1884)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	19	0.36
(16,1884)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	19	0.36
(16,1884)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	19	0.36
(16,1884)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	19	0.36
(16,1884)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	19	0.36
(16,1884)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	19	0.36
(16,1841)	1:9:A:PHE:HD1	1:57:A:LEU:HG	9	0.36
(16,1841)	1:9:A:PHE:HD2	1:57:A:LEU:HG	9	0.36
(16,1763)	1:95:A:ILE:HB	1:97:A:ASP:HB2	15	0.36
(16,1763)	1:95:A:ILE:HB	1:97:A:ASP:HB3	15	0.36
(16,1738)	1:39:A:VAL:HA	1:140:A:LEU:HD11	12	0.36
(16,1738)	1:39:A:VAL:HA	1:140:A:LEU:HD12	12	0.36
(16,1738)	1:39:A:VAL:HA	1:140:A:LEU:HD13	12	0.36
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE1	10	0.36
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE2	10	0.36
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE3	10	0.36
(16,1567)	1:101:A:ILE:HD11	1:112:A:GLN:HA	6	0.36
(16,1567)	1:101:A:ILE:HD12	1:112:A:GLN:HA	6	0.36
(16,1567)	1:101:A:ILE:HD13	1:112:A:GLN:HA	6	0.36
(16,1532)	1:76:A:ARG:HG2	1:110:A:MET:HE1	11	0.36
(16,1532)	1:76:A:ARG:HG2	1:110:A:MET:HE2	11	0.36
(16,1532)	1:76:A:ARG:HG2	1:110:A:MET:HE3	11	0.36
(16,1532)	1:76:A:ARG:HG3	1:110:A:MET:HE1	11	0.36
(16,1532)	1:76:A:ARG:HG3	1:110:A:MET:HE2	11	0.36
(16,1532)	1:76:A:ARG:HG3	1:110:A:MET:HE3	11	0.36
(16,1487)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	11	0.36
(16,1487)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	11	0.36
(16,1487)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	11	0.36
(16,1487)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	11	0.36
(16,1487)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	11	0.36
(16,1487)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	11	0.36
(16,1058)	1:11:A:ILE:HA	1:11:A:ILE:HD11	9	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1058)	1:11:A:ILE:HA	1:11:A:ILE:HD12	9	0.36
(16,1058)	1:11:A:ILE:HA	1:11:A:ILE:HD13	9	0.36
(16,966)	1:40:A:LEU:HA	1:43:A:MET:HG2	10	0.36
(16,846)	1:45:A:ALA:HA	1:48:A:ARG:HD2	2	0.36
(16,846)	1:45:A:ALA:HA	1:48:A:ARG:HD3	2	0.36
(16,736)	1:50:A:ALA:H	1:130:A:GLY:HA3	1	0.36
(16,735)	1:73:A:ILE:HG21	1:76:A:ARG:HE	8	0.36
(16,735)	1:73:A:ILE:HG22	1:76:A:ARG:HE	8	0.36
(16,735)	1:73:A:ILE:HG23	1:76:A:ARG:HE	8	0.36
(16,241)	1:50:A:ALA:H	1:52:A:CYS:H	9	0.36
(16,224)	1:48:A:ARG:H	1:48:A:ARG:HG2	18	0.36
(16,224)	1:48:A:ARG:H	1:48:A:ARG:HG3	18	0.36
(16,221)	1:108:A:GLU:H	1:111:A:GLU:HG3	8	0.36
(16,99)	1:63:A:ILE:H	1:63:A:ILE:HG13	11	0.36
(16,90)	1:96:A:VAL:H	1:97:A:ASP:H	14	0.36
(16,88)	1:151:A:PHE:H	1:151:A:PHE:HB3	14	0.36
(16,46)	1:47:A:ALA:H	1:52:A:CYS:HB2	11	0.36
(16,46)	1:47:A:ALA:H	1:52:A:CYS:HB3	11	0.36
(16,40)	1:43:A:MET:HA	1:47:A:ALA:H	6	0.36
(16,31)	1:96:A:VAL:H	1:96:A:VAL:HA	14	0.36
(15,2238)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	14	0.36
(15,2238)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	14	0.36
(15,2238)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	14	0.36
(15,2238)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	14	0.36
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD11	12	0.36
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD12	12	0.36
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD13	12	0.36
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD21	12	0.36
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD22	12	0.36
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD23	12	0.36
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	19	0.36
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	19	0.36
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	19	0.36
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	19	0.36
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	19	0.36
(15,2144)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	19	0.36
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	19	0.36
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	19	0.36
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	19	0.36
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	19	0.36
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	19	0.36
(15,2144)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	19	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	19	0.36
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	19	0.36
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	19	0.36
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	19	0.36
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	19	0.36
(15,2144)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	19	0.36
(15,2052)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	7	0.36
(15,2052)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	7	0.36
(15,2052)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	7	0.36
(15,2052)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	7	0.36
(15,2052)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	7	0.36
(15,2052)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	7	0.36
(15,2052)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	7	0.36
(15,2052)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	7	0.36
(15,2052)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	7	0.36
(15,2052)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	7	0.36
(15,2052)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	7	0.36
(15,2052)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	7	0.36
(15,1994)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	10	0.36
(15,1994)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	10	0.36
(15,1994)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	10	0.36
(15,1994)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	10	0.36
(15,1994)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	10	0.36
(15,1994)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	10	0.36
(15,1965)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	12	0.36
(15,1965)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	12	0.36
(15,1965)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	12	0.36
(15,1965)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	12	0.36
(15,1965)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	12	0.36
(15,1965)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	12	0.36
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD11	3	0.36
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD12	3	0.36
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD13	3	0.36
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD21	3	0.36
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD22	3	0.36
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD23	3	0.36
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	14	0.36
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	14	0.36
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	14	0.36
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	14	0.36
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	14	0.36
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	14	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	14	0.36
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	14	0.36
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	14	0.36
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	14	0.36
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	14	0.36
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	14	0.36
(15,1839)	1:9:A:PHE:HD1	1:57:A:LEU:HG	9	0.36
(15,1839)	1:9:A:PHE:HD2	1:57:A:LEU:HG	9	0.36
(15,1786)	1:9:A:PHE:HD1	1:11:A:ILE:HB	10	0.36
(15,1786)	1:9:A:PHE:HD2	1:11:A:ILE:HB	10	0.36
(15,1708)	1:14:A:VAL:H	1:79:A:THR:HG21	2	0.36
(15,1708)	1:14:A:VAL:H	1:79:A:THR:HG22	2	0.36
(15,1708)	1:14:A:VAL:H	1:79:A:THR:HG23	2	0.36
(15,1599)	1:73:A:ILE:HG21	1:76:A:ARG:H	9	0.36
(15,1599)	1:73:A:ILE:HG22	1:76:A:ARG:H	9	0.36
(15,1599)	1:73:A:ILE:HG23	1:76:A:ARG:H	9	0.36
(15,1577)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	12	0.36
(15,1577)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	12	0.36
(15,1577)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	12	0.36
(15,1392)	1:9:A:PHE:HE1	1:11:A:ILE:HG21	2	0.36
(15,1392)	1:9:A:PHE:HE1	1:11:A:ILE:HG22	2	0.36
(15,1392)	1:9:A:PHE:HE1	1:11:A:ILE:HG23	2	0.36
(15,1392)	1:9:A:PHE:HE2	1:11:A:ILE:HG21	2	0.36
(15,1392)	1:9:A:PHE:HE2	1:11:A:ILE:HG22	2	0.36
(15,1392)	1:9:A:PHE:HE2	1:11:A:ILE:HG23	2	0.36
(15,1329)	1:64:A:LYS:HA	1:64:A:LYS:HD2	13	0.36
(15,1329)	1:64:A:LYS:HA	1:64:A:LYS:HD3	13	0.36
(15,1269)	1:114:A:ILE:HA	1:117:A:VAL:HG11	8	0.36
(15,1269)	1:114:A:ILE:HA	1:117:A:VAL:HG12	8	0.36
(15,1269)	1:114:A:ILE:HA	1:117:A:VAL:HG13	8	0.36
(15,1231)	1:136:A:CYS:HA	1:140:A:LEU:HD11	6	0.36
(15,1231)	1:136:A:CYS:HA	1:140:A:LEU:HD12	6	0.36
(15,1231)	1:136:A:CYS:HA	1:140:A:LEU:HD13	6	0.36
(15,1169)	1:136:A:CYS:HA	1:140:A:LEU:HD21	3	0.36
(15,1169)	1:136:A:CYS:HA	1:140:A:LEU:HD22	3	0.36
(15,1169)	1:136:A:CYS:HA	1:140:A:LEU:HD23	3	0.36
(15,1073)	1:11:A:ILE:HG12	1:44:A:GLU:HA	1	0.36
(15,1060)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	8	0.36
(15,1060)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	8	0.36
(15,1041)	1:11:A:ILE:HB	1:44:A:GLU:HB2	11	0.36
(15,1041)	1:11:A:ILE:HB	1:44:A:GLU:HB3	11	0.36
(15,992)	1:12:A:VAL:HB	1:40:A:LEU:H	6	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,991)	1:104:A:PHE:H	1:105:A:LYS:HB2	7	0.36
(15,991)	1:104:A:PHE:H	1:105:A:LYS:HB3	7	0.36
(15,820)	1:98:A:ILE:HD11	1:101:A:ILE:HB	13	0.36
(15,820)	1:98:A:ILE:HD12	1:101:A:ILE:HB	13	0.36
(15,820)	1:98:A:ILE:HD13	1:101:A:ILE:HB	13	0.36
(15,794)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	1	0.36
(15,794)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	1	0.36
(15,794)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	1	0.36
(15,794)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	1	0.36
(15,794)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	1	0.36
(15,794)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	1	0.36
(15,356)	1:104:A:PHE:H	1:104:A:PHE:HD1	15	0.36
(15,356)	1:104:A:PHE:H	1:104:A:PHE:HD2	15	0.36
(15,241)	1:50:A:ALA:H	1:52:A:CYS:H	9	0.36
(15,239)	1:10:A:ASN:H	1:13:A:ALA:HB1	17	0.36
(15,239)	1:10:A:ASN:H	1:13:A:ALA:HB2	17	0.36
(15,239)	1:10:A:ASN:H	1:13:A:ALA:HB3	17	0.36
(15,74)	1:63:A:ILE:HG21	1:117:A:VAL:H	8	0.36
(15,74)	1:63:A:ILE:HG22	1:117:A:VAL:H	8	0.36
(15,74)	1:63:A:ILE:HG23	1:117:A:VAL:H	8	0.36
(15,55)	1:98:A:ILE:H	1:101:A:ILE:HG13	10	0.36
(15,49)	1:47:A:ALA:H	1:52:A:CYS:HB2	11	0.36
(15,49)	1:47:A:ALA:H	1:52:A:CYS:HB3	11	0.36
(13,2404)	1:131:A:LEU:HD11	1:134:A:VAL:HB	5	0.36
(13,2404)	1:131:A:LEU:HD12	1:134:A:VAL:HB	5	0.36
(13,2404)	1:131:A:LEU:HD13	1:134:A:VAL:HB	5	0.36
(13,2404)	1:131:A:LEU:HD21	1:134:A:VAL:HB	5	0.36
(13,2404)	1:131:A:LEU:HD22	1:134:A:VAL:HB	5	0.36
(13,2404)	1:131:A:LEU:HD23	1:134:A:VAL:HB	5	0.36
(13,2398)	1:131:A:LEU:H	1:134:A:VAL:HG11	15	0.36
(13,2398)	1:131:A:LEU:H	1:134:A:VAL:HG12	15	0.36
(13,2398)	1:131:A:LEU:H	1:134:A:VAL:HG13	15	0.36
(13,2398)	1:131:A:LEU:H	1:134:A:VAL:HG21	15	0.36
(13,2398)	1:131:A:LEU:H	1:134:A:VAL:HG22	15	0.36
(13,2398)	1:131:A:LEU:H	1:134:A:VAL:HG23	15	0.36
(13,2344)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	16	0.36
(13,2344)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	16	0.36
(13,2344)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	16	0.36
(13,2344)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	16	0.36
(13,2344)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	16	0.36
(13,2344)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	16	0.36
(13,2344)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	16	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2344)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	16	0.36
(13,2344)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	16	0.36
(13,2344)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	16	0.36
(13,2344)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	16	0.36
(13,2344)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	16	0.36
(13,2344)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	16	0.36
(13,2344)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	16	0.36
(13,2344)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	16	0.36
(13,2344)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	16	0.36
(13,2344)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	16	0.36
(13,2344)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	16	0.36
(13,2035)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	3	0.36
(13,2035)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	3	0.36
(13,2035)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	3	0.36
(13,2035)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	3	0.36
(13,2035)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	3	0.36
(13,2035)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	3	0.36
(13,1939)	1:12:A:VAL:HG11	1:81:A:GLU:H	17	0.36
(13,1939)	1:12:A:VAL:HG12	1:81:A:GLU:H	17	0.36
(13,1939)	1:12:A:VAL:HG13	1:81:A:GLU:H	17	0.36
(13,1939)	1:12:A:VAL:HG21	1:81:A:GLU:H	17	0.36
(13,1939)	1:12:A:VAL:HG22	1:81:A:GLU:H	17	0.36
(13,1939)	1:12:A:VAL:HG23	1:81:A:GLU:H	17	0.36
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	19	0.36
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	19	0.36
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	19	0.36
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	19	0.36
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	19	0.36
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	19	0.36
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	19	0.36
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	19	0.36
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	19	0.36
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	19	0.36
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	19	0.36
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	19	0.36
(13,1867)	1:80:A:TYR:HE1	1:81:A:GLU:H	16	0.36
(13,1867)	1:80:A:TYR:HE2	1:81:A:GLU:H	16	0.36
(13,1575)	1:73:A:ILE:HG21	1:76:A:ARG:H	9	0.36
(13,1575)	1:73:A:ILE:HG22	1:76:A:ARG:H	9	0.36
(13,1575)	1:73:A:ILE:HG23	1:76:A:ARG:H	9	0.36
(13,1551)	1:101:A:ILE:HD11	1:112:A:GLN:HA	6	0.36
(13,1551)	1:101:A:ILE:HD12	1:112:A:GLN:HA	6	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1551)	1:101:A:ILE:HD13	1:112:A:GLN:HA	6	0.36
(13,1517)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	17	0.36
(13,1517)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	17	0.36
(13,1517)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	17	0.36
(13,1461)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	11	0.36
(13,1461)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	11	0.36
(13,1461)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	11	0.36
(13,1461)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	11	0.36
(13,1461)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	11	0.36
(13,1461)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	11	0.36
(13,1416)	1:50:A:ALA:HB1	1:130:A:GLY:H	19	0.36
(13,1416)	1:50:A:ALA:HB2	1:130:A:GLY:H	19	0.36
(13,1416)	1:50:A:ALA:HB3	1:130:A:GLY:H	19	0.36
(13,1371)	1:9:A:PHE:HE1	1:11:A:ILE:HG21	2	0.36
(13,1371)	1:9:A:PHE:HE1	1:11:A:ILE:HG22	2	0.36
(13,1371)	1:9:A:PHE:HE1	1:11:A:ILE:HG23	2	0.36
(13,1371)	1:9:A:PHE:HE2	1:11:A:ILE:HG21	2	0.36
(13,1371)	1:9:A:PHE:HE2	1:11:A:ILE:HG22	2	0.36
(13,1371)	1:9:A:PHE:HE2	1:11:A:ILE:HG23	2	0.36
(13,1289)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	11	0.36
(13,1289)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	11	0.36
(13,1289)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	11	0.36
(13,1161)	1:100:A:ALA:HB1	1:119:A:LEU:HD21	8	0.36
(13,1161)	1:100:A:ALA:HB1	1:119:A:LEU:HD22	8	0.36
(13,1161)	1:100:A:ALA:HB1	1:119:A:LEU:HD23	8	0.36
(13,1161)	1:100:A:ALA:HB2	1:119:A:LEU:HD21	8	0.36
(13,1161)	1:100:A:ALA:HB2	1:119:A:LEU:HD22	8	0.36
(13,1161)	1:100:A:ALA:HB2	1:119:A:LEU:HD23	8	0.36
(13,1161)	1:100:A:ALA:HB3	1:119:A:LEU:HD21	8	0.36
(13,1161)	1:100:A:ALA:HB3	1:119:A:LEU:HD22	8	0.36
(13,1161)	1:100:A:ALA:HB3	1:119:A:LEU:HD23	8	0.36
(13,975)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	14	0.36
(13,975)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	14	0.36
(13,975)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	14	0.36
(13,773)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	1	0.36
(13,773)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	1	0.36
(13,773)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	1	0.36
(13,773)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	1	0.36
(13,773)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	1	0.36
(13,773)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	1	0.36
(13,746)	1:37:A:LEU:H	1:40:A:LEU:HB2	10	0.36
(13,574)	1:126:A:GLY:H	1:128:A:LEU:HG	7	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,430)	1:68:A:LYS:H	1:68:A:LYS:HE2	2	0.36
(13,430)	1:68:A:LYS:H	1:68:A:LYS:HE3	2	0.36
(13,234)	1:50:A:ALA:H	1:52:A:CYS:H	9	0.36
(13,218)	1:48:A:ARG:H	1:48:A:ARG:HG2	18	0.36
(13,218)	1:48:A:ARG:H	1:48:A:ARG:HG3	18	0.36
(13,43)	1:47:A:ALA:H	1:52:A:CYS:HB2	11	0.36
(13,43)	1:47:A:ALA:H	1:52:A:CYS:HB3	11	0.36
(11,2452)	1:141:A:LYS:HA	1:148:A:CYS:HB2	8	0.36
(11,2452)	1:141:A:LYS:HA	1:148:A:CYS:HB3	8	0.36
(11,2419)	1:134:A:VAL:HG11	1:137:A:SER:HB2	1	0.36
(11,2419)	1:134:A:VAL:HG11	1:137:A:SER:HB3	1	0.36
(11,2419)	1:134:A:VAL:HG12	1:137:A:SER:HB2	1	0.36
(11,2419)	1:134:A:VAL:HG12	1:137:A:SER:HB3	1	0.36
(11,2419)	1:134:A:VAL:HG13	1:137:A:SER:HB2	1	0.36
(11,2419)	1:134:A:VAL:HG13	1:137:A:SER:HB3	1	0.36
(11,2419)	1:134:A:VAL:HG21	1:137:A:SER:HB2	1	0.36
(11,2419)	1:134:A:VAL:HG21	1:137:A:SER:HB3	1	0.36
(11,2419)	1:134:A:VAL:HG22	1:137:A:SER:HB2	1	0.36
(11,2419)	1:134:A:VAL:HG22	1:137:A:SER:HB3	1	0.36
(11,2419)	1:134:A:VAL:HG23	1:137:A:SER:HB2	1	0.36
(11,2419)	1:134:A:VAL:HG23	1:137:A:SER:HB3	1	0.36
(11,2289)	1:79:A:THR:HG21	1:81:A:GLU:HB2	14	0.36
(11,2289)	1:79:A:THR:HG21	1:81:A:GLU:HB3	14	0.36
(11,2289)	1:79:A:THR:HG22	1:81:A:GLU:HB2	14	0.36
(11,2289)	1:79:A:THR:HG22	1:81:A:GLU:HB3	14	0.36
(11,2289)	1:79:A:THR:HG23	1:81:A:GLU:HB2	14	0.36
(11,2289)	1:79:A:THR:HG23	1:81:A:GLU:HB3	14	0.36
(11,2250)	1:69:A:MET:H	1:70:A:LYS:HG2	6	0.36
(11,2250)	1:69:A:MET:H	1:70:A:LYS:HG3	6	0.36
(11,2225)	1:64:A:LYS:H	1:116:A:GLN:HE21	13	0.36
(11,2225)	1:64:A:LYS:H	1:116:A:GLN:HE22	13	0.36
(11,2136)	1:39:A:VAL:HG11	1:144:A:LEU:HD11	9	0.36
(11,2136)	1:39:A:VAL:HG11	1:144:A:LEU:HD12	9	0.36
(11,2136)	1:39:A:VAL:HG11	1:144:A:LEU:HD13	9	0.36
(11,2136)	1:39:A:VAL:HG12	1:144:A:LEU:HD11	9	0.36
(11,2136)	1:39:A:VAL:HG12	1:144:A:LEU:HD12	9	0.36
(11,2136)	1:39:A:VAL:HG12	1:144:A:LEU:HD13	9	0.36
(11,2136)	1:39:A:VAL:HG13	1:144:A:LEU:HD11	9	0.36
(11,2136)	1:39:A:VAL:HG13	1:144:A:LEU:HD12	9	0.36
(11,2136)	1:39:A:VAL:HG13	1:144:A:LEU:HD13	9	0.36
(11,2136)	1:39:A:VAL:HG21	1:144:A:LEU:HD11	9	0.36
(11,2136)	1:39:A:VAL:HG21	1:144:A:LEU:HD12	9	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2136)	1:39:A:VAL:HG21	1:144:A:LEU:HD13	9	0.36
(11,2136)	1:39:A:VAL:HG22	1:144:A:LEU:HD11	9	0.36
(11,2136)	1:39:A:VAL:HG22	1:144:A:LEU:HD12	9	0.36
(11,2136)	1:39:A:VAL:HG22	1:144:A:LEU:HD13	9	0.36
(11,2136)	1:39:A:VAL:HG23	1:144:A:LEU:HD11	9	0.36
(11,2136)	1:39:A:VAL:HG23	1:144:A:LEU:HD12	9	0.36
(11,2136)	1:39:A:VAL:HG23	1:144:A:LEU:HD13	9	0.36
(11,2136)	1:39:A:VAL:HG11	1:144:A:LEU:HD21	9	0.36
(11,2136)	1:39:A:VAL:HG11	1:144:A:LEU:HD22	9	0.36
(11,2136)	1:39:A:VAL:HG11	1:144:A:LEU:HD23	9	0.36
(11,2136)	1:39:A:VAL:HG12	1:144:A:LEU:HD21	9	0.36
(11,2136)	1:39:A:VAL:HG12	1:144:A:LEU:HD22	9	0.36
(11,2136)	1:39:A:VAL:HG12	1:144:A:LEU:HD23	9	0.36
(11,2136)	1:39:A:VAL:HG13	1:144:A:LEU:HD21	9	0.36
(11,2136)	1:39:A:VAL:HG13	1:144:A:LEU:HD22	9	0.36
(11,2136)	1:39:A:VAL:HG13	1:144:A:LEU:HD23	9	0.36
(11,2136)	1:39:A:VAL:HG21	1:144:A:LEU:HD21	9	0.36
(11,2136)	1:39:A:VAL:HG21	1:144:A:LEU:HD22	9	0.36
(11,2136)	1:39:A:VAL:HG21	1:144:A:LEU:HD23	9	0.36
(11,2136)	1:39:A:VAL:HG22	1:144:A:LEU:HD21	9	0.36
(11,2136)	1:39:A:VAL:HG22	1:144:A:LEU:HD22	9	0.36
(11,2136)	1:39:A:VAL:HG22	1:144:A:LEU:HD23	9	0.36
(11,2136)	1:39:A:VAL:HG23	1:144:A:LEU:HD21	9	0.36
(11,2136)	1:39:A:VAL:HG23	1:144:A:LEU:HD22	9	0.36
(11,2136)	1:39:A:VAL:HG23	1:144:A:LEU:HD23	9	0.36
(11,2097)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	9	0.36
(11,2097)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	9	0.36
(11,2097)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	9	0.36
(11,2097)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	9	0.36
(11,2097)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	9	0.36
(11,2097)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	9	0.36
(11,2077)	1:35:A:LEU:H	1:35:A:LEU:HD11	6	0.36
(11,2077)	1:35:A:LEU:H	1:35:A:LEU:HD12	6	0.36
(11,2077)	1:35:A:LEU:H	1:35:A:LEU:HD13	6	0.36
(11,2077)	1:35:A:LEU:H	1:35:A:LEU:HD21	6	0.36
(11,2077)	1:35:A:LEU:H	1:35:A:LEU:HD22	6	0.36
(11,2077)	1:35:A:LEU:H	1:35:A:LEU:HD23	6	0.36
(11,2056)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	14	0.36
(11,2056)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	14	0.36
(11,2056)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	14	0.36
(11,2056)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	14	0.36
(11,2056)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	14	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2056)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	14	0.36
(11,2056)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	14	0.36
(11,2056)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	14	0.36
(11,2056)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	14	0.36
(11,2056)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	14	0.36
(11,2056)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	14	0.36
(11,2056)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	14	0.36
(11,1939)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	5	0.36
(11,1939)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	5	0.36
(11,1939)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	5	0.36
(11,1935)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	19	0.36
(11,1935)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	19	0.36
(11,1742)	1:141:A:LYS:HA	1:145:A:PRO:HD3	1	0.36
(11,1742)	1:141:A:LYS:HA	1:145:A:PRO:HD3	9	0.36
(11,1638)	1:73:A:ILE:HG21	1:76:A:ARG:H	9	0.36
(11,1638)	1:73:A:ILE:HG22	1:76:A:ARG:H	9	0.36
(11,1638)	1:73:A:ILE:HG23	1:76:A:ARG:H	9	0.36
(11,1568)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	17	0.36
(11,1568)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	17	0.36
(11,1568)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	17	0.36
(11,1465)	1:50:A:ALA:HB1	1:130:A:GLY:H	19	0.36
(11,1465)	1:50:A:ALA:HB2	1:130:A:GLY:H	19	0.36
(11,1465)	1:50:A:ALA:HB3	1:130:A:GLY:H	19	0.36
(11,1349)	1:64:A:LYS:HA	1:64:A:LYS:HD2	13	0.36
(11,1349)	1:64:A:LYS:HA	1:64:A:LYS:HD3	13	0.36
(11,1196)	1:100:A:ALA:HB1	1:119:A:LEU:HD21	8	0.36
(11,1196)	1:100:A:ALA:HB1	1:119:A:LEU:HD22	8	0.36
(11,1196)	1:100:A:ALA:HB1	1:119:A:LEU:HD23	8	0.36
(11,1196)	1:100:A:ALA:HB2	1:119:A:LEU:HD21	8	0.36
(11,1196)	1:100:A:ALA:HB2	1:119:A:LEU:HD22	8	0.36
(11,1196)	1:100:A:ALA:HB2	1:119:A:LEU:HD23	8	0.36
(11,1196)	1:100:A:ALA:HB3	1:119:A:LEU:HD21	8	0.36
(11,1196)	1:100:A:ALA:HB3	1:119:A:LEU:HD22	8	0.36
(11,1196)	1:100:A:ALA:HB3	1:119:A:LEU:HD23	8	0.36
(11,1066)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	8	0.36
(11,1066)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	8	0.36
(11,1041)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	18	0.36
(11,1020)	1:66:A:THR:HG21	1:96:A:VAL:HA	18	0.36
(11,1020)	1:66:A:THR:HG22	1:96:A:VAL:HA	18	0.36
(11,1020)	1:66:A:THR:HG23	1:96:A:VAL:HA	18	0.36
(11,1001)	1:35:A:LEU:HG	1:143:A:TRP:HB3	1	0.36
(11,725)	1:73:A:ILE:HG21	1:76:A:ARG:HE	8	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,725)	1:73:A:ILE:HG22	1:76:A:ARG:HE	8	0.36
(11,725)	1:73:A:ILE:HG23	1:76:A:ARG:HE	8	0.36
(11,686)	1:145:A:PRO:HB3	1:148:A:CYS:H	6	0.36
(11,686)	1:145:A:PRO:HB3	1:148:A:CYS:H	14	0.36
(11,379)	1:40:A:LEU:HB3	1:41:A:LYS:H	19	0.36
(11,50)	1:47:A:ALA:H	1:52:A:CYS:HB2	11	0.36
(11,50)	1:47:A:ALA:H	1:52:A:CYS:HB3	11	0.36
(9,2301)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	16	0.36
(9,2301)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	16	0.36
(9,2301)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	16	0.36
(9,2301)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	16	0.36
(9,2301)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	16	0.36
(9,2301)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	16	0.36
(9,2301)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	16	0.36
(9,2301)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	16	0.36
(9,2301)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	16	0.36
(9,2301)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	16	0.36
(9,2301)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	16	0.36
(9,2301)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	16	0.36
(9,2301)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	16	0.36
(9,2301)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	16	0.36
(9,2301)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	16	0.36
(9,2301)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	16	0.36
(9,2301)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	16	0.36
(9,2301)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	16	0.36
(9,2187)	1:66:A:THR:H	1:116:A:GLN:HE21	6	0.36
(9,2187)	1:66:A:THR:H	1:116:A:GLN:HE22	6	0.36
(9,2163)	1:60:A:LEU:HD11	1:61:A:SER:HB2	10	0.36
(9,2163)	1:60:A:LEU:HD11	1:61:A:SER:HB3	10	0.36
(9,2163)	1:60:A:LEU:HD12	1:61:A:SER:HB2	10	0.36
(9,2163)	1:60:A:LEU:HD12	1:61:A:SER:HB3	10	0.36
(9,2163)	1:60:A:LEU:HD13	1:61:A:SER:HB2	10	0.36
(9,2163)	1:60:A:LEU:HD13	1:61:A:SER:HB3	10	0.36
(9,2085)	1:39:A:VAL:HA	1:140:A:LEU:HD11	13	0.36
(9,2085)	1:39:A:VAL:HA	1:140:A:LEU:HD12	13	0.36
(9,2085)	1:39:A:VAL:HA	1:140:A:LEU:HD13	13	0.36
(9,2085)	1:39:A:VAL:HA	1:140:A:LEU:HD21	13	0.36
(9,2085)	1:39:A:VAL:HA	1:140:A:LEU:HD22	13	0.36
(9,2085)	1:39:A:VAL:HA	1:140:A:LEU:HD23	13	0.36
(9,2059)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	8	0.36
(9,2059)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	8	0.36
(9,2059)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	8	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2059)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	8	0.36
(9,2059)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	8	0.36
(9,2059)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	8	0.36
(9,2002)	1:17:A:ASN:HD21	1:79:A:THR:H	18	0.36
(9,2002)	1:17:A:ASN:HD22	1:79:A:THR:H	18	0.36
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	18	0.36
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	18	0.36
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	18	0.36
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	18	0.36
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	18	0.36
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	18	0.36
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	18	0.36
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	18	0.36
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	18	0.36
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	18	0.36
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	18	0.36
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	18	0.36
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	18	0.36
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	18	0.36
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	18	0.36
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	18	0.36
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	18	0.36
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	18	0.36
(9,1908)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	2	0.36
(9,1906)	1:80:A:TYR:HE1	1:81:A:GLU:H	16	0.36
(9,1906)	1:80:A:TYR:HE2	1:81:A:GLU:H	16	0.36
(9,1845)	1:9:A:PHE:HD1	1:57:A:LEU:HG	9	0.36
(9,1845)	1:9:A:PHE:HD2	1:57:A:LEU:HG	9	0.36
(9,1740)	1:39:A:VAL:HA	1:140:A:LEU:HD11	12	0.36
(9,1740)	1:39:A:VAL:HA	1:140:A:LEU:HD12	12	0.36
(9,1740)	1:39:A:VAL:HA	1:140:A:LEU:HD13	12	0.36
(9,1600)	1:73:A:ILE:HG21	1:76:A:ARG:H	9	0.36
(9,1600)	1:73:A:ILE:HG22	1:76:A:ARG:H	9	0.36
(9,1600)	1:73:A:ILE:HG23	1:76:A:ARG:H	9	0.36
(9,1515)	1:69:A:MET:HE1	1:116:A:GLN:HE21	11	0.36
(9,1515)	1:69:A:MET:HE2	1:116:A:GLN:HE21	11	0.36
(9,1515)	1:69:A:MET:HE3	1:116:A:GLN:HE21	11	0.36
(9,1482)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	11	0.36
(9,1482)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	11	0.36
(9,1482)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	11	0.36
(9,1482)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	11	0.36
(9,1482)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	11	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1482)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	11	0.36
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	16	0.36
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	16	0.36
(9,1468)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	16	0.36
(9,1238)	1:39:A:VAL:H	1:139:A:LEU:HD21	5	0.36
(9,1238)	1:39:A:VAL:H	1:139:A:LEU:HD22	5	0.36
(9,1238)	1:39:A:VAL:H	1:139:A:LEU:HD23	5	0.36
(9,1037)	1:11:A:ILE:HA	1:11:A:ILE:HD11	9	0.36
(9,1037)	1:11:A:ILE:HA	1:11:A:ILE:HD12	9	0.36
(9,1037)	1:11:A:ILE:HA	1:11:A:ILE:HD13	9	0.36
(9,1033)	1:11:A:ILE:HB	1:44:A:GLU:HB2	11	0.36
(9,1033)	1:11:A:ILE:HB	1:44:A:GLU:HB3	11	0.36
(9,1026)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	18	0.36
(9,1011)	1:66:A:THR:HG21	1:96:A:VAL:HA	18	0.36
(9,1011)	1:66:A:THR:HG22	1:96:A:VAL:HA	18	0.36
(9,1011)	1:66:A:THR:HG23	1:96:A:VAL:HA	18	0.36
(9,931)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	10	0.36
(9,931)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	10	0.36
(9,931)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	10	0.36
(9,931)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	10	0.36
(9,931)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	10	0.36
(9,931)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	10	0.36
(9,929)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	16	0.36
(9,929)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	16	0.36
(9,534)	1:70:A:LYS:HB2	1:72:A:PHE:H	17	0.36
(9,534)	1:70:A:LYS:HB3	1:72:A:PHE:H	17	0.36
(9,237)	1:10:A:ASN:H	1:13:A:ALA:HB1	17	0.36
(9,237)	1:10:A:ASN:H	1:13:A:ALA:HB2	17	0.36
(9,237)	1:10:A:ASN:H	1:13:A:ALA:HB3	17	0.36
(9,236)	1:11:A:ILE:HB	1:44:A:GLU:H	6	0.36
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB1	16	0.36
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB2	16	0.36
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB3	16	0.36
(7,2348)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	16	0.36
(7,2348)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	16	0.36
(7,2348)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	16	0.36
(7,2348)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	16	0.36
(7,2348)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	16	0.36
(7,2348)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	16	0.36
(7,2348)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	16	0.36
(7,2348)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	16	0.36
(7,2348)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	16	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2348)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	16	0.36
(7,2348)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	16	0.36
(7,2348)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	16	0.36
(7,2348)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	16	0.36
(7,2348)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	16	0.36
(7,2348)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	16	0.36
(7,2348)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	16	0.36
(7,2348)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	16	0.36
(7,2348)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	16	0.36
(7,2252)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	19	0.36
(7,2252)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	19	0.36
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD11	2	0.36
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD12	2	0.36
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD13	2	0.36
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD21	2	0.36
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD22	2	0.36
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD23	2	0.36
(7,2096)	1:39:A:VAL:HG11	1:144:A:LEU:HD11	14	0.36
(7,2096)	1:39:A:VAL:HG11	1:144:A:LEU:HD12	14	0.36
(7,2096)	1:39:A:VAL:HG11	1:144:A:LEU:HD13	14	0.36
(7,2096)	1:39:A:VAL:HG11	1:144:A:LEU:HD21	14	0.36
(7,2096)	1:39:A:VAL:HG11	1:144:A:LEU:HD22	14	0.36
(7,2096)	1:39:A:VAL:HG11	1:144:A:LEU:HD23	14	0.36
(7,2096)	1:39:A:VAL:HG12	1:144:A:LEU:HD11	14	0.36
(7,2096)	1:39:A:VAL:HG12	1:144:A:LEU:HD12	14	0.36
(7,2096)	1:39:A:VAL:HG12	1:144:A:LEU:HD13	14	0.36
(7,2096)	1:39:A:VAL:HG12	1:144:A:LEU:HD21	14	0.36
(7,2096)	1:39:A:VAL:HG12	1:144:A:LEU:HD22	14	0.36
(7,2096)	1:39:A:VAL:HG12	1:144:A:LEU:HD23	14	0.36
(7,2096)	1:39:A:VAL:HG13	1:144:A:LEU:HD11	14	0.36
(7,2096)	1:39:A:VAL:HG13	1:144:A:LEU:HD12	14	0.36
(7,2096)	1:39:A:VAL:HG13	1:144:A:LEU:HD13	14	0.36
(7,2096)	1:39:A:VAL:HG13	1:144:A:LEU:HD21	14	0.36
(7,2096)	1:39:A:VAL:HG13	1:144:A:LEU:HD22	14	0.36
(7,2096)	1:39:A:VAL:HG13	1:144:A:LEU:HD23	14	0.36
(7,2096)	1:39:A:VAL:HG21	1:144:A:LEU:HD11	14	0.36
(7,2096)	1:39:A:VAL:HG21	1:144:A:LEU:HD12	14	0.36
(7,2096)	1:39:A:VAL:HG21	1:144:A:LEU:HD13	14	0.36
(7,2096)	1:39:A:VAL:HG21	1:144:A:LEU:HD21	14	0.36
(7,2096)	1:39:A:VAL:HG21	1:144:A:LEU:HD22	14	0.36
(7,2096)	1:39:A:VAL:HG21	1:144:A:LEU:HD23	14	0.36
(7,2096)	1:39:A:VAL:HG22	1:144:A:LEU:HD11	14	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2096)	1:39:A:VAL:HG22	1:144:A:LEU:HD12	14	0.36
(7,2096)	1:39:A:VAL:HG22	1:144:A:LEU:HD13	14	0.36
(7,2096)	1:39:A:VAL:HG22	1:144:A:LEU:HD21	14	0.36
(7,2096)	1:39:A:VAL:HG22	1:144:A:LEU:HD22	14	0.36
(7,2096)	1:39:A:VAL:HG22	1:144:A:LEU:HD23	14	0.36
(7,2096)	1:39:A:VAL:HG23	1:144:A:LEU:HD11	14	0.36
(7,2096)	1:39:A:VAL:HG23	1:144:A:LEU:HD12	14	0.36
(7,2096)	1:39:A:VAL:HG23	1:144:A:LEU:HD13	14	0.36
(7,2096)	1:39:A:VAL:HG23	1:144:A:LEU:HD21	14	0.36
(7,2096)	1:39:A:VAL:HG23	1:144:A:LEU:HD22	14	0.36
(7,2096)	1:39:A:VAL:HG23	1:144:A:LEU:HD23	14	0.36
(7,2051)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	9	0.36
(7,2051)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	9	0.36
(7,2051)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	9	0.36
(7,2051)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	9	0.36
(7,2051)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	9	0.36
(7,2051)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	9	0.36
(7,2050)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	8	0.36
(7,2050)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	8	0.36
(7,2050)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	8	0.36
(7,2050)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	8	0.36
(7,2050)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	8	0.36
(7,2050)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	8	0.36
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	18	0.36
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	18	0.36
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	18	0.36
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	18	0.36
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	18	0.36
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	18	0.36
(7,1883)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	5	0.36
(7,1883)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	5	0.36
(7,1883)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	5	0.36
(7,1877)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	2	0.36
(7,1875)	1:80:A:TYR:HE1	1:81:A:GLU:H	16	0.36
(7,1875)	1:80:A:TYR:HE2	1:81:A:GLU:H	16	0.36
(7,1803)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	2	0.36
(7,1803)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	2	0.36
(7,1795)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	15	0.36
(7,1795)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	15	0.36
(7,1774)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	6	0.36
(7,1774)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	6	0.36
(7,1774)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	6	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1774)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	6	0.36
(7,1710)	1:39:A:VAL:HA	1:140:A:LEU:HD11	12	0.36
(7,1710)	1:39:A:VAL:HA	1:140:A:LEU:HD12	12	0.36
(7,1710)	1:39:A:VAL:HA	1:140:A:LEU:HD13	12	0.36
(7,1666)	1:43:A:MET:HE1	1:131:A:LEU:HA	14	0.36
(7,1666)	1:43:A:MET:HE2	1:131:A:LEU:HA	14	0.36
(7,1666)	1:43:A:MET:HE3	1:131:A:LEU:HA	14	0.36
(7,1636)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	1	0.36
(7,1636)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	1	0.36
(7,1636)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	1	0.36
(7,1636)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	1	0.36
(7,1636)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	6	0.36
(7,1636)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	6	0.36
(7,1636)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	6	0.36
(7,1636)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	6	0.36
(7,1580)	1:73:A:ILE:HG21	1:76:A:ARG:H	9	0.36
(7,1580)	1:73:A:ILE:HG22	1:76:A:ARG:H	9	0.36
(7,1580)	1:73:A:ILE:HG23	1:76:A:ARG:H	9	0.36
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG21	4	0.36
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG22	4	0.36
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG23	4	0.36
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG21	6	0.36
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG22	6	0.36
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG23	6	0.36
(7,1567)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	17	0.36
(7,1567)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	17	0.36
(7,1567)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	17	0.36
(7,1567)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	17	0.36
(7,1567)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	17	0.36
(7,1567)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	17	0.36
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG11	15	0.36
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG12	15	0.36
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG13	15	0.36
(7,1311)	1:64:A:LYS:HA	1:64:A:LYS:HD2	13	0.36
(7,1311)	1:64:A:LYS:HA	1:64:A:LYS:HD3	13	0.36
(7,1252)	1:114:A:ILE:HA	1:117:A:VAL:HG11	8	0.36
(7,1252)	1:114:A:ILE:HA	1:117:A:VAL:HG12	8	0.36
(7,1252)	1:114:A:ILE:HA	1:117:A:VAL:HG13	8	0.36
(7,1174)	1:107:A:LEU:HD21	1:111:A:GLU:HB2	3	0.36
(7,1174)	1:107:A:LEU:HD21	1:111:A:GLU:HB3	3	0.36
(7,1174)	1:107:A:LEU:HD22	1:111:A:GLU:HB2	3	0.36
(7,1174)	1:107:A:LEU:HD22	1:111:A:GLU:HB3	3	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1174)	1:107:A:LEU:HD23	1:111:A:GLU:HB2	3	0.36
(7,1174)	1:107:A:LEU:HD23	1:111:A:GLU:HB3	3	0.36
(7,1124)	1:78:A:HIS:HA	1:79:A:THR:HB	8	0.36
(7,973)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	19	0.36
(7,973)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	19	0.36
(7,951)	1:110:A:MET:HG2	1:114:A:ILE:HD11	13	0.36
(7,951)	1:110:A:MET:HG2	1:114:A:ILE:HD12	13	0.36
(7,951)	1:110:A:MET:HG2	1:114:A:ILE:HD13	13	0.36
(7,951)	1:110:A:MET:HG3	1:114:A:ILE:HD11	13	0.36
(7,951)	1:110:A:MET:HG3	1:114:A:ILE:HD12	13	0.36
(7,951)	1:110:A:MET:HG3	1:114:A:ILE:HD13	13	0.36
(7,934)	1:11:A:ILE:HD11	1:12:A:VAL:HA	12	0.36
(7,934)	1:11:A:ILE:HD12	1:12:A:VAL:HA	12	0.36
(7,934)	1:11:A:ILE:HD13	1:12:A:VAL:HA	12	0.36
(7,851)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	14	0.36
(7,751)	1:37:A:LEU:H	1:40:A:LEU:HB2	10	0.36
(7,584)	1:126:A:GLY:H	1:128:A:LEU:HB2	6	0.36
(6,2210)	1:60:A:LEU:HD11	1:61:A:SER:HB2	9	0.36
(6,2210)	1:60:A:LEU:HD11	1:61:A:SER:HB3	9	0.36
(6,2210)	1:60:A:LEU:HD12	1:61:A:SER:HB2	9	0.36
(6,2210)	1:60:A:LEU:HD12	1:61:A:SER:HB3	9	0.36
(6,2210)	1:60:A:LEU:HD13	1:61:A:SER:HB2	9	0.36
(6,2210)	1:60:A:LEU:HD13	1:61:A:SER:HB3	9	0.36
(6,2082)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	1	0.36
(6,2082)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	1	0.36
(6,2082)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	1	0.36
(6,2082)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	1	0.36
(6,2082)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	1	0.36
(6,2082)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	1	0.36
(6,2064)	1:34:A:LYS:H	1:81:A:GLU:HB2	9	0.36
(6,2064)	1:34:A:LYS:H	1:81:A:GLU:HB3	9	0.36
(6,1929)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	5	0.36
(6,1929)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	5	0.36
(6,1929)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	5	0.36
(6,1925)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	4	0.36
(6,1924)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	4	0.36
(6,1918)	1:80:A:TYR:HE1	1:81:A:GLU:H	16	0.36
(6,1918)	1:80:A:TYR:HE2	1:81:A:GLU:H	16	0.36
(6,1795)	1:13:A:ALA:HA	1:80:A:TYR:HD1	12	0.36
(6,1795)	1:13:A:ALA:HA	1:80:A:TYR:HD2	12	0.36
(6,1720)	1:14:A:VAL:H	1:79:A:THR:HG21	2	0.36
(6,1720)	1:14:A:VAL:H	1:79:A:THR:HG22	2	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1720)	1:14:A:VAL:H	1:79:A:THR:HG23	2	0.36
(6,1699)	1:43:A:MET:HE1	1:131:A:LEU:HA	14	0.36
(6,1699)	1:43:A:MET:HE2	1:131:A:LEU:HA	14	0.36
(6,1699)	1:43:A:MET:HE3	1:131:A:LEU:HA	14	0.36
(6,1660)	1:69:A:MET:HE1	1:116:A:GLN:HE22	18	0.36
(6,1660)	1:69:A:MET:HE2	1:116:A:GLN:HE22	18	0.36
(6,1660)	1:69:A:MET:HE3	1:116:A:GLN:HE22	18	0.36
(6,1606)	1:73:A:ILE:HG21	1:76:A:ARG:H	9	0.36
(6,1606)	1:73:A:ILE:HG22	1:76:A:ARG:H	9	0.36
(6,1606)	1:73:A:ILE:HG23	1:76:A:ARG:H	9	0.36
(6,1595)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	17	0.36
(6,1595)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	17	0.36
(6,1595)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	17	0.36
(6,1595)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	17	0.36
(6,1595)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	17	0.36
(6,1595)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	17	0.36
(6,1577)	1:63:A:ILE:HD11	1:113:A:PHE:HA	14	0.36
(6,1577)	1:63:A:ILE:HD12	1:113:A:PHE:HA	14	0.36
(6,1577)	1:63:A:ILE:HD13	1:113:A:PHE:HA	14	0.36
(6,1566)	1:11:A:ILE:HD11	1:45:A:ALA:H	12	0.36
(6,1566)	1:11:A:ILE:HD12	1:45:A:ALA:H	12	0.36
(6,1566)	1:11:A:ILE:HD13	1:45:A:ALA:H	12	0.36
(6,1547)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	17	0.36
(6,1547)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	17	0.36
(6,1547)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	17	0.36
(6,1514)	1:69:A:MET:HE1	1:116:A:GLN:HE21	13	0.36
(6,1514)	1:69:A:MET:HE2	1:116:A:GLN:HE21	13	0.36
(6,1514)	1:69:A:MET:HE3	1:116:A:GLN:HE21	13	0.36
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	16	0.36
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	16	0.36
(6,1470)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	16	0.36
(6,1325)	1:64:A:LYS:HA	1:64:A:LYS:HD2	13	0.36
(6,1325)	1:64:A:LYS:HA	1:64:A:LYS:HD3	13	0.36
(6,1277)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	12	0.36
(6,1277)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	12	0.36
(6,1277)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	12	0.36
(6,1277)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	12	0.36
(6,1277)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	12	0.36
(6,1277)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	12	0.36
(6,1277)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	12	0.36
(6,1277)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	12	0.36
(6,1277)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	12	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1260)	1:114:A:ILE:HA	1:117:A:VAL:HG11	8	0.36
(6,1260)	1:114:A:ILE:HA	1:117:A:VAL:HG12	8	0.36
(6,1260)	1:114:A:ILE:HA	1:117:A:VAL:HG13	8	0.36
(6,1178)	1:100:A:ALA:HB1	1:119:A:LEU:HD21	8	0.36
(6,1178)	1:100:A:ALA:HB1	1:119:A:LEU:HD22	8	0.36
(6,1178)	1:100:A:ALA:HB1	1:119:A:LEU:HD23	8	0.36
(6,1178)	1:100:A:ALA:HB2	1:119:A:LEU:HD21	8	0.36
(6,1178)	1:100:A:ALA:HB2	1:119:A:LEU:HD22	8	0.36
(6,1178)	1:100:A:ALA:HB2	1:119:A:LEU:HD23	8	0.36
(6,1178)	1:100:A:ALA:HB3	1:119:A:LEU:HD21	8	0.36
(6,1178)	1:100:A:ALA:HB3	1:119:A:LEU:HD22	8	0.36
(6,1178)	1:100:A:ALA:HB3	1:119:A:LEU:HD23	8	0.36
(6,1056)	1:11:A:ILE:HG12	1:44:A:GLU:HA	1	0.36
(6,953)	1:138:A:ASP:HA	1:141:A:LYS:HB2	13	0.36
(6,953)	1:138:A:ASP:HA	1:141:A:LYS:HB3	13	0.36
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	12	0.36
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	12	0.36
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	12	0.36
(6,752)	1:37:A:LEU:H	1:40:A:LEU:HB2	10	0.36
(6,664)	1:63:A:ILE:HG12	1:117:A:VAL:H	7	0.36
(6,321)	1:46:A:ASN:H	1:49:A:LYS:HB2	17	0.36
(6,321)	1:46:A:ASN:H	1:49:A:LYS:HB3	17	0.36
(6,152)	1:67:A:PRO:HD3	1:95:A:ILE:H	19	0.36
(6,44)	1:47:A:ALA:H	1:52:A:CYS:HB2	11	0.36
(6,44)	1:47:A:ALA:H	1:52:A:CYS:HB3	11	0.36
(5,2419)	1:132:A:ALA:HB1	1:133:A:ASN:HB2	7	0.36
(5,2419)	1:132:A:ALA:HB1	1:133:A:ASN:HB3	7	0.36
(5,2419)	1:132:A:ALA:HB2	1:133:A:ASN:HB2	7	0.36
(5,2419)	1:132:A:ALA:HB2	1:133:A:ASN:HB3	7	0.36
(5,2419)	1:132:A:ALA:HB3	1:133:A:ASN:HB2	7	0.36
(5,2419)	1:132:A:ALA:HB3	1:133:A:ASN:HB3	7	0.36
(5,2354)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	16	0.36
(5,2354)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	16	0.36
(5,2354)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	16	0.36
(5,2354)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	16	0.36
(5,2354)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	16	0.36
(5,2354)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	16	0.36
(5,2354)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	16	0.36
(5,2354)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	16	0.36
(5,2354)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	16	0.36
(5,2354)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	16	0.36
(5,2354)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	16	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2354)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	16	0.36
(5,2354)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	16	0.36
(5,2354)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	16	0.36
(5,2354)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	16	0.36
(5,2354)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	16	0.36
(5,2354)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	16	0.36
(5,2354)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	16	0.36
(5,2251)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	14	0.36
(5,2251)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	14	0.36
(5,2251)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	14	0.36
(5,2251)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	14	0.36
(5,2195)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	14	0.36
(5,2195)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	14	0.36
(5,2066)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	9	0.36
(5,2066)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	9	0.36
(5,2066)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	9	0.36
(5,2066)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	9	0.36
(5,2066)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	9	0.36
(5,2066)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	9	0.36
(5,2048)	1:34:A:LYS:H	1:81:A:GLU:HB2	9	0.36
(5,2048)	1:34:A:LYS:H	1:81:A:GLU:HB3	9	0.36
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG11	9	0.36
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG12	9	0.36
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG13	9	0.36
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG21	9	0.36
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG22	9	0.36
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG23	9	0.36
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG11	9	0.36
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG12	9	0.36
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG13	9	0.36
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG21	9	0.36
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG22	9	0.36
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG23	9	0.36
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	19	0.36
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	19	0.36
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	19	0.36
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD21	19	0.36
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD22	19	0.36
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD23	19	0.36
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	19	0.36
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	19	0.36
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	19	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD21	19	0.36
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD22	19	0.36
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD23	19	0.36
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	19	0.36
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	19	0.36
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	19	0.36
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD21	19	0.36
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD22	19	0.36
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD23	19	0.36
(5,1931)	1:80:A:TYR:HE1	1:81:A:GLU:H	16	0.36
(5,1931)	1:80:A:TYR:HE2	1:81:A:GLU:H	16	0.36
(5,1892)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	9	0.36
(5,1892)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	9	0.36
(5,1677)	1:69:A:MET:HE1	1:116:A:GLN:HE21	13	0.36
(5,1677)	1:69:A:MET:HE2	1:116:A:GLN:HE21	13	0.36
(5,1677)	1:69:A:MET:HE3	1:116:A:GLN:HE21	13	0.36
(5,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	9	0.36
(5,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	9	0.36
(5,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	9	0.36
(5,1464)	1:50:A:ALA:HB1	1:130:A:GLY:H	19	0.36
(5,1464)	1:50:A:ALA:HB2	1:130:A:GLY:H	19	0.36
(5,1464)	1:50:A:ALA:HB3	1:130:A:GLY:H	19	0.36
(5,1378)	1:119:A:LEU:HA	1:121:A:VAL:HG11	12	0.36
(5,1378)	1:119:A:LEU:HA	1:121:A:VAL:HG12	12	0.36
(5,1378)	1:119:A:LEU:HA	1:121:A:VAL:HG13	12	0.36
(5,1329)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	13	0.36
(5,1329)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	13	0.36
(5,1329)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	13	0.36
(5,1329)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	13	0.36
(5,1329)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	13	0.36
(5,1329)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	13	0.36
(5,1329)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	13	0.36
(5,1329)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	13	0.36
(5,1329)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	13	0.36
(5,1303)	1:14:A:VAL:HG21	1:61:A:SER:HB2	3	0.36
(5,1303)	1:14:A:VAL:HG22	1:61:A:SER:HB2	3	0.36
(5,1303)	1:14:A:VAL:HG23	1:61:A:SER:HB2	3	0.36
(5,1296)	1:14:A:VAL:HG21	1:60:A:LEU:H	6	0.36
(5,1296)	1:14:A:VAL:HG22	1:60:A:LEU:H	6	0.36
(5,1296)	1:14:A:VAL:HG23	1:60:A:LEU:H	6	0.36
(5,1281)	1:114:A:ILE:HA	1:117:A:VAL:HG11	8	0.36
(5,1281)	1:114:A:ILE:HA	1:117:A:VAL:HG12	8	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1281)	1:114:A:ILE:HA	1:117:A:VAL:HG13	8	0.36
(5,1145)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	17	0.36
(5,1145)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	17	0.36
(5,1145)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	17	0.36
(5,1145)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	17	0.36
(5,1145)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	17	0.36
(5,1145)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	17	0.36
(5,1076)	1:44:A:GLU:HA	1:44:A:GLU:HG2	3	0.36
(5,1076)	1:44:A:GLU:HA	1:44:A:GLU:HG2	13	0.36
(5,880)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	9	0.36
(5,880)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	9	0.36
(5,880)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	9	0.36
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD11	8	0.36
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD12	8	0.36
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD13	8	0.36
(5,782)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	11	0.36
(5,782)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	11	0.36
(5,782)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	11	0.36
(5,662)	1:108:A:GLU:H	1:112:A:GLN:H	16	0.36
(5,641)	1:66:A:THR:H	1:70:A:LYS:H	13	0.36
(5,611)	1:14:A:VAL:HB	1:16:A:SER:H	14	0.36
(5,367)	1:41:A:LYS:H	1:44:A:GLU:HG3	1	0.36
(5,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	4	0.36
(5,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	4	0.36
(5,147)	1:67:A:PRO:HD3	1:95:A:ILE:H	19	0.36
(5,44)	1:47:A:ALA:H	1:52:A:CYS:HB2	11	0.36
(5,44)	1:47:A:ALA:H	1:52:A:CYS:HB3	11	0.36
(4,2244)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	14	0.36
(4,2244)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	14	0.36
(4,2244)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	14	0.36
(4,2244)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	14	0.36
(4,2233)	1:69:A:MET:H	1:70:A:LYS:HG2	6	0.36
(4,2233)	1:69:A:MET:H	1:70:A:LYS:HG3	6	0.36
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD11	11	0.36
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD12	11	0.36
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD13	11	0.36
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD21	11	0.36
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD22	11	0.36
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD23	11	0.36
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	13	0.36
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	13	0.36
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	13	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	13	0.36
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	13	0.36
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	13	0.36
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	13	0.36
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	13	0.36
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	13	0.36
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	13	0.36
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	13	0.36
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	13	0.36
(4,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	10	0.36
(4,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	10	0.36
(4,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	10	0.36
(4,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	10	0.36
(4,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	10	0.36
(4,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	10	0.36
(4,1891)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	4	0.36
(4,1891)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	4	0.36
(4,1884)	1:80:A:TYR:HE1	1:81:A:GLU:H	16	0.36
(4,1884)	1:80:A:TYR:HE2	1:81:A:GLU:H	16	0.36
(4,1860)	1:104:A:PHE:HE1	1:115:A:ALA:H	7	0.36
(4,1860)	1:104:A:PHE:HE2	1:115:A:ALA:H	7	0.36
(4,1843)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	6	0.36
(4,1843)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	6	0.36
(4,1826)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	15	0.36
(4,1826)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	15	0.36
(4,1826)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	15	0.36
(4,1826)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	15	0.36
(4,1826)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	15	0.36
(4,1826)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	15	0.36
(4,1806)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	15	0.36
(4,1806)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	15	0.36
(4,1787)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	6	0.36
(4,1787)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	6	0.36
(4,1787)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	6	0.36
(4,1787)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	6	0.36
(4,1776)	1:9:A:PHE:HD1	1:11:A:ILE:HB	10	0.36
(4,1776)	1:9:A:PHE:HD2	1:11:A:ILE:HB	10	0.36
(4,1698)	1:14:A:VAL:H	1:79:A:THR:HG21	2	0.36
(4,1698)	1:14:A:VAL:H	1:79:A:THR:HG22	2	0.36
(4,1698)	1:14:A:VAL:H	1:79:A:THR:HG23	2	0.36
(4,1677)	1:43:A:MET:HE1	1:131:A:LEU:HA	14	0.36
(4,1677)	1:43:A:MET:HE2	1:131:A:LEU:HA	14	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1677)	1:43:A:MET:HE3	1:131:A:LEU:HA	14	0.36
(4,1562)	1:101:A:ILE:HD11	1:112:A:GLN:HA	6	0.36
(4,1562)	1:101:A:ILE:HD12	1:112:A:GLN:HA	6	0.36
(4,1562)	1:101:A:ILE:HD13	1:112:A:GLN:HA	6	0.36
(4,1531)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	17	0.36
(4,1531)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	17	0.36
(4,1531)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	17	0.36
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	12	0.36
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	12	0.36
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	12	0.36
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	14	0.36
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	14	0.36
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	14	0.36
(4,1428)	1:50:A:ALA:HB1	1:130:A:GLY:H	19	0.36
(4,1428)	1:50:A:ALA:HB2	1:130:A:GLY:H	19	0.36
(4,1428)	1:50:A:ALA:HB3	1:130:A:GLY:H	19	0.36
(4,1379)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	12	0.36
(4,1379)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	12	0.36
(4,1379)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	12	0.36
(4,1313)	1:64:A:LYS:HA	1:64:A:LYS:HD2	13	0.36
(4,1313)	1:64:A:LYS:HA	1:64:A:LYS:HD3	13	0.36
(4,1247)	1:114:A:ILE:HA	1:117:A:VAL:HG11	8	0.36
(4,1247)	1:114:A:ILE:HA	1:117:A:VAL:HG12	8	0.36
(4,1247)	1:114:A:ILE:HA	1:117:A:VAL:HG13	8	0.36
(4,923)	1:81:A:GLU:HA	1:81:A:GLU:HG2	13	0.36
(4,923)	1:81:A:GLU:HA	1:81:A:GLU:HG3	13	0.36
(4,836)	1:48:A:ARG:H	1:48:A:ARG:HD2	4	0.36
(4,836)	1:48:A:ARG:H	1:48:A:ARG:HD3	4	0.36
(4,836)	1:48:A:ARG:H	1:48:A:ARG:HD2	18	0.36
(4,836)	1:48:A:ARG:H	1:48:A:ARG:HD3	18	0.36
(4,78)	1:29:A:LYS:HA	1:30:A:LEU:H	2	0.36
(4,78)	1:29:A:LYS:HA	1:30:A:LEU:H	17	0.36
(4,69)	1:13:A:ALA:HB1	1:81:A:GLU:H	17	0.36
(4,69)	1:13:A:ALA:HB2	1:81:A:GLU:H	17	0.36
(4,69)	1:13:A:ALA:HB3	1:81:A:GLU:H	17	0.36
(3,2349)	1:105:A:LYS:H	1:105:A:LYS:HG2	13	0.36
(3,2349)	1:105:A:LYS:H	1:105:A:LYS:HG3	13	0.36
(3,2170)	1:43:A:MET:HG2	1:144:A:LEU:HD21	3	0.36
(3,2170)	1:43:A:MET:HG2	1:144:A:LEU:HD22	3	0.36
(3,2170)	1:43:A:MET:HG2	1:144:A:LEU:HD23	3	0.36
(3,2170)	1:43:A:MET:HG3	1:144:A:LEU:HD21	3	0.36
(3,2170)	1:43:A:MET:HG3	1:144:A:LEU:HD22	3	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2170)	1:43:A:MET:HG3	1:144:A:LEU:HD23	3	0.36
(3,2108)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	9	0.36
(3,2108)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	9	0.36
(3,2108)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	9	0.36
(3,2108)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	9	0.36
(3,2108)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	9	0.36
(3,2108)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	9	0.36
(3,1999)	1:12:A:VAL:HG11	1:43:A:MET:H	11	0.36
(3,1999)	1:12:A:VAL:HG12	1:43:A:MET:H	11	0.36
(3,1999)	1:12:A:VAL:HG13	1:43:A:MET:H	11	0.36
(3,1999)	1:12:A:VAL:HG21	1:43:A:MET:H	11	0.36
(3,1999)	1:12:A:VAL:HG22	1:43:A:MET:H	11	0.36
(3,1999)	1:12:A:VAL:HG23	1:43:A:MET:H	11	0.36
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG2	6	0.36
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG3	6	0.36
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG2	6	0.36
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG3	6	0.36
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG2	6	0.36
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG3	6	0.36
(3,1942)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	4	0.36
(3,1942)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	4	0.36
(3,1940)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	4	0.36
(3,1929)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	10	0.36
(3,1929)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	10	0.36
(3,1929)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	10	0.36
(3,1929)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	10	0.36
(3,1809)	1:144:A:LEU:HA	1:144:A:LEU:HD11	17	0.36
(3,1809)	1:144:A:LEU:HA	1:144:A:LEU:HD12	17	0.36
(3,1809)	1:144:A:LEU:HA	1:144:A:LEU:HD13	17	0.36
(3,1781)	1:36:A:PRO:HA	1:37:A:LEU:HD21	2	0.36
(3,1781)	1:36:A:PRO:HA	1:37:A:LEU:HD22	2	0.36
(3,1781)	1:36:A:PRO:HA	1:37:A:LEU:HD23	2	0.36
(3,1781)	1:36:A:PRO:HA	1:37:A:LEU:HD21	17	0.36
(3,1781)	1:36:A:PRO:HA	1:37:A:LEU:HD22	17	0.36
(3,1781)	1:36:A:PRO:HA	1:37:A:LEU:HD23	17	0.36
(3,1751)	1:14:A:VAL:H	1:79:A:THR:HG21	2	0.36
(3,1751)	1:14:A:VAL:H	1:79:A:THR:HG22	2	0.36
(3,1751)	1:14:A:VAL:H	1:79:A:THR:HG23	2	0.36
(3,1729)	1:43:A:MET:HE1	1:131:A:LEU:HA	14	0.36
(3,1729)	1:43:A:MET:HE2	1:131:A:LEU:HA	14	0.36
(3,1729)	1:43:A:MET:HE3	1:131:A:LEU:HA	14	0.36
(3,1690)	1:69:A:MET:HE1	1:116:A:GLN:HE21	13	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1690)	1:69:A:MET:HE2	1:116:A:GLN:HE21	13	0.36
(3,1690)	1:69:A:MET:HE3	1:116:A:GLN:HE21	13	0.36
(3,1657)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	12	0.36
(3,1639)	1:73:A:ILE:HG21	1:76:A:ARG:H	9	0.36
(3,1639)	1:73:A:ILE:HG22	1:76:A:ARG:H	9	0.36
(3,1639)	1:73:A:ILE:HG23	1:76:A:ARG:H	9	0.36
(3,1627)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	17	0.36
(3,1627)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	17	0.36
(3,1627)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	17	0.36
(3,1627)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	17	0.36
(3,1627)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	17	0.36
(3,1627)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	17	0.36
(3,1357)	1:64:A:LYS:HA	1:64:A:LYS:HD2	13	0.36
(3,1357)	1:64:A:LYS:HA	1:64:A:LYS:HD3	13	0.36
(3,1248)	1:144:A:LEU:HD21	1:145:A:PRO:HD2	13	0.36
(3,1248)	1:144:A:LEU:HD22	1:145:A:PRO:HD2	13	0.36
(3,1248)	1:144:A:LEU:HD23	1:145:A:PRO:HD2	13	0.36
(3,1225)	1:41:A:LYS:HA	1:41:A:LYS:HG2	4	0.36
(3,739)	1:50:A:ALA:H	1:130:A:GLY:HA3	1	0.36
(3,377)	1:40:A:LEU:HB3	1:41:A:LYS:H	15	0.36
(3,326)	1:46:A:ASN:H	1:49:A:LYS:HB2	17	0.36
(3,326)	1:46:A:ASN:H	1:49:A:LYS:HB3	17	0.36
(3,233)	1:10:A:ASN:H	1:13:A:ALA:HB1	17	0.36
(3,233)	1:10:A:ASN:H	1:13:A:ALA:HB2	17	0.36
(3,233)	1:10:A:ASN:H	1:13:A:ALA:HB3	17	0.36
(3,175)	1:8:A:ASP:H	1:58:A:ILE:HG13	5	0.36
(3,111)	1:21:A:THR:HB	1:22:A:ASP:H	15	0.36
(2,2354)	1:107:A:LEU:HD11	1:112:A:GLN:HA	5	0.36
(2,2354)	1:107:A:LEU:HD12	1:112:A:GLN:HA	5	0.36
(2,2354)	1:107:A:LEU:HD13	1:112:A:GLN:HA	5	0.36
(2,2354)	1:107:A:LEU:HD21	1:112:A:GLN:HA	5	0.36
(2,2354)	1:107:A:LEU:HD22	1:112:A:GLN:HA	5	0.36
(2,2354)	1:107:A:LEU:HD23	1:112:A:GLN:HA	5	0.36
(2,2276)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	14	0.36
(2,2276)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	14	0.36
(2,2276)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	14	0.36
(2,2276)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	14	0.36
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG11	15	0.36
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG12	15	0.36
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG13	15	0.36
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG21	15	0.36
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG22	15	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG23	15	0.36
(2,2082)	1:35:A:LEU:H	1:35:A:LEU:HD11	6	0.36
(2,2082)	1:35:A:LEU:H	1:35:A:LEU:HD12	6	0.36
(2,2082)	1:35:A:LEU:H	1:35:A:LEU:HD13	6	0.36
(2,2082)	1:35:A:LEU:H	1:35:A:LEU:HD21	6	0.36
(2,2082)	1:35:A:LEU:H	1:35:A:LEU:HD22	6	0.36
(2,2082)	1:35:A:LEU:H	1:35:A:LEU:HD23	6	0.36
(2,1934)	1:80:A:TYR:HE1	1:81:A:GLU:H	16	0.36
(2,1934)	1:80:A:TYR:HE2	1:81:A:GLU:H	16	0.36
(2,1926)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	10	0.36
(2,1926)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	10	0.36
(2,1926)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	10	0.36
(2,1926)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	10	0.36
(2,1903)	1:14:A:VAL:HA	1:18:A:PHE:HD1	6	0.36
(2,1903)	1:14:A:VAL:HA	1:18:A:PHE:HD2	6	0.36
(2,1724)	1:141:A:LYS:HA	1:145:A:PRO:HD3	1	0.36
(2,1724)	1:141:A:LYS:HA	1:145:A:PRO:HD3	9	0.36
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE1	10	0.36
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE2	10	0.36
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE3	10	0.36
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE1	6	0.36
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE2	6	0.36
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE3	6	0.36
(2,1624)	1:126:A:GLY:H	1:128:A:LEU:HD11	13	0.36
(2,1624)	1:126:A:GLY:H	1:128:A:LEU:HD12	13	0.36
(2,1624)	1:126:A:GLY:H	1:128:A:LEU:HD13	13	0.36
(2,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	9	0.36
(2,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	9	0.36
(2,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	9	0.36
(2,1550)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	17	0.36
(2,1550)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	17	0.36
(2,1550)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	17	0.36
(2,1520)	1:69:A:MET:HE1	1:116:A:GLN:HE21	11	0.36
(2,1520)	1:69:A:MET:HE2	1:116:A:GLN:HE21	11	0.36
(2,1520)	1:69:A:MET:HE3	1:116:A:GLN:HE21	11	0.36
(2,1492)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	11	0.36
(2,1492)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	11	0.36
(2,1492)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	11	0.36
(2,1492)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	11	0.36
(2,1492)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	11	0.36
(2,1492)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	11	0.36
(2,1369)	1:39:A:VAL:HG11	1:144:A:LEU:H	15	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1369)	1:39:A:VAL:HG12	1:144:A:LEU:H	15	0.36
(2,1369)	1:39:A:VAL:HG13	1:144:A:LEU:H	15	0.36
(2,1329)	1:64:A:LYS:HA	1:64:A:LYS:HD2	13	0.36
(2,1329)	1:64:A:LYS:HA	1:64:A:LYS:HD3	13	0.36
(2,1255)	1:23:A:LEU:HA	1:23:A:LEU:HD11	17	0.36
(2,1255)	1:23:A:LEU:HA	1:23:A:LEU:HD12	17	0.36
(2,1255)	1:23:A:LEU:HA	1:23:A:LEU:HD13	17	0.36
(2,1249)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	1	0.36
(2,1249)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	1	0.36
(2,1249)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	1	0.36
(2,1172)	1:128:A:LEU:HD11	1:129:A:LYS:H	16	0.36
(2,1172)	1:128:A:LEU:HD12	1:129:A:LYS:H	16	0.36
(2,1172)	1:128:A:LEU:HD13	1:129:A:LYS:H	16	0.36
(2,1031)	1:11:A:ILE:HB	1:44:A:GLU:HB2	11	0.36
(2,1031)	1:11:A:ILE:HB	1:44:A:GLU:HB3	11	0.36
(2,1005)	1:66:A:THR:HG21	1:96:A:VAL:HA	18	0.36
(2,1005)	1:66:A:THR:HG22	1:96:A:VAL:HA	18	0.36
(2,1005)	1:66:A:THR:HG23	1:96:A:VAL:HA	18	0.36
(2,985)	1:63:A:ILE:HA	1:64:A:LYS:HD2	9	0.36
(2,985)	1:63:A:ILE:HA	1:64:A:LYS:HD3	9	0.36
(2,887)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	6	0.36
(2,887)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	6	0.36
(2,887)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	6	0.36
(2,792)	1:11:A:ILE:HD11	1:47:A:ALA:HB1	6	0.36
(2,792)	1:11:A:ILE:HD11	1:47:A:ALA:HB2	6	0.36
(2,792)	1:11:A:ILE:HD11	1:47:A:ALA:HB3	6	0.36
(2,792)	1:11:A:ILE:HD12	1:47:A:ALA:HB1	6	0.36
(2,792)	1:11:A:ILE:HD12	1:47:A:ALA:HB2	6	0.36
(2,792)	1:11:A:ILE:HD12	1:47:A:ALA:HB3	6	0.36
(2,792)	1:11:A:ILE:HD13	1:47:A:ALA:HB1	6	0.36
(2,792)	1:11:A:ILE:HD13	1:47:A:ALA:HB2	6	0.36
(2,792)	1:11:A:ILE:HD13	1:47:A:ALA:HB3	6	0.36
(2,685)	1:145:A:PRO:HB3	1:148:A:CYS:H	6	0.36
(2,685)	1:145:A:PRO:HB3	1:148:A:CYS:H	14	0.36
(2,661)	1:108:A:GLU:H	1:112:A:GLN:H	16	0.36
(2,581)	1:129:A:LYS:HG2	1:130:A:GLY:H	13	0.36
(2,242)	1:23:A:LEU:HD21	1:24:A:ASP:H	18	0.36
(2,242)	1:23:A:LEU:HD22	1:24:A:ASP:H	18	0.36
(2,242)	1:23:A:LEU:HD23	1:24:A:ASP:H	18	0.36
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD11	5	0.36
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD12	5	0.36
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD13	5	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,174)	1:8:A:ASP:H	1:58:A:ILE:HG13	5	0.36
(2,44)	1:47:A:ALA:H	1:52:A:CYS:HB2	11	0.36
(2,44)	1:47:A:ALA:H	1:52:A:CYS:HB3	11	0.36
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG12	4	0.36
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG13	4	0.36
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG12	4	0.36
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG13	4	0.36
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG12	4	0.36
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG13	4	0.36
(1,2293)	1:105:A:LYS:H	1:105:A:LYS:HG2	13	0.36
(1,2293)	1:105:A:LYS:H	1:105:A:LYS:HG3	13	0.36
(1,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	4	0.36
(1,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	4	0.36
(1,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	4	0.36
(1,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	4	0.36
(1,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	4	0.36
(1,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	4	0.36
(1,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	4	0.36
(1,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	4	0.36
(1,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	4	0.36
(1,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	4	0.36
(1,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	4	0.36
(1,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	4	0.36
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG11	4	0.36
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG12	4	0.36
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG13	4	0.36
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG21	4	0.36
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG22	4	0.36
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG23	4	0.36
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG11	4	0.36
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG12	4	0.36
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG13	4	0.36
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG21	4	0.36
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG22	4	0.36
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG23	4	0.36
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG11	4	0.36
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG12	4	0.36
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG13	4	0.36
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG21	4	0.36
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG22	4	0.36
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG23	4	0.36
(1,2120)	1:40:A:LEU:HD11	1:41:A:LYS:H	15	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2120)	1:40:A:LEU:HD12	1:41:A:LYS:H	15	0.36
(1,2120)	1:40:A:LEU:HD13	1:41:A:LYS:H	15	0.36
(1,2120)	1:40:A:LEU:HD21	1:41:A:LYS:H	15	0.36
(1,2120)	1:40:A:LEU:HD22	1:41:A:LYS:H	15	0.36
(1,2120)	1:40:A:LEU:HD23	1:41:A:LYS:H	15	0.36
(1,2024)	1:23:A:LEU:HD11	1:24:A:ASP:H	1	0.36
(1,2024)	1:23:A:LEU:HD12	1:24:A:ASP:H	1	0.36
(1,2024)	1:23:A:LEU:HD13	1:24:A:ASP:H	1	0.36
(1,2024)	1:23:A:LEU:HD21	1:24:A:ASP:H	1	0.36
(1,2024)	1:23:A:LEU:HD22	1:24:A:ASP:H	1	0.36
(1,2024)	1:23:A:LEU:HD23	1:24:A:ASP:H	1	0.36
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	10	0.36
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	10	0.36
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	10	0.36
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	10	0.36
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	10	0.36
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	10	0.36
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	8	0.36
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	8	0.36
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	8	0.36
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	8	0.36
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	8	0.36
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	8	0.36
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	8	0.36
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	8	0.36
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	8	0.36
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	8	0.36
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	8	0.36
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	8	0.36
(1,1925)	1:80:A:TYR:HE1	1:81:A:GLU:H	16	0.36
(1,1925)	1:80:A:TYR:HE2	1:81:A:GLU:H	16	0.36
(1,1880)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	9	0.36
(1,1880)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	9	0.36
(1,1848)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	7	0.36
(1,1848)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	7	0.36
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE1	10	0.36
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE2	10	0.36
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE3	10	0.36
(1,1640)	1:79:A:THR:H	1:80:A:TYR:HA	2	0.36
(1,1620)	1:73:A:ILE:HG21	1:76:A:ARG:H	9	0.36
(1,1620)	1:73:A:ILE:HG22	1:76:A:ARG:H	9	0.36
(1,1620)	1:73:A:ILE:HG23	1:76:A:ARG:H	9	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1591)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	10	0.36
(1,1591)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	10	0.36
(1,1591)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	10	0.36
(1,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	11	0.36
(1,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	11	0.36
(1,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	11	0.36
(1,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	11	0.36
(1,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	11	0.36
(1,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	11	0.36
(1,1438)	1:50:A:ALA:HB1	1:127:A:CYS:HA	5	0.36
(1,1438)	1:50:A:ALA:HB2	1:127:A:CYS:HA	5	0.36
(1,1438)	1:50:A:ALA:HB3	1:127:A:CYS:HA	5	0.36
(1,1345)	1:125:A:THR:HG21	1:128:A:LEU:HB2	4	0.36
(1,1345)	1:125:A:THR:HG22	1:128:A:LEU:HB2	4	0.36
(1,1345)	1:125:A:THR:HG23	1:128:A:LEU:HB2	4	0.36
(1,1334)	1:64:A:LYS:HA	1:64:A:LYS:HD2	13	0.36
(1,1334)	1:64:A:LYS:HA	1:64:A:LYS:HD3	13	0.36
(1,1298)	1:9:A:PHE:HE1	1:14:A:VAL:HG11	5	0.36
(1,1298)	1:9:A:PHE:HE1	1:14:A:VAL:HG12	5	0.36
(1,1298)	1:9:A:PHE:HE1	1:14:A:VAL:HG13	5	0.36
(1,1298)	1:9:A:PHE:HE2	1:14:A:VAL:HG11	5	0.36
(1,1298)	1:9:A:PHE:HE2	1:14:A:VAL:HG12	5	0.36
(1,1298)	1:9:A:PHE:HE2	1:14:A:VAL:HG13	5	0.36
(1,1275)	1:114:A:ILE:HA	1:117:A:VAL:HG11	8	0.36
(1,1275)	1:114:A:ILE:HA	1:117:A:VAL:HG12	8	0.36
(1,1275)	1:114:A:ILE:HA	1:117:A:VAL:HG13	8	0.36
(1,1219)	1:11:A:ILE:HD11	1:131:A:LEU:HA	18	0.36
(1,1219)	1:11:A:ILE:HD12	1:131:A:LEU:HA	18	0.36
(1,1219)	1:11:A:ILE:HD13	1:131:A:LEU:HA	18	0.36
(1,1176)	1:136:A:CYS:HA	1:140:A:LEU:HD21	8	0.36
(1,1176)	1:136:A:CYS:HA	1:140:A:LEU:HD22	8	0.36
(1,1176)	1:136:A:CYS:HA	1:140:A:LEU:HD23	8	0.36
(1,1141)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	17	0.36
(1,1141)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	17	0.36
(1,1141)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	17	0.36
(1,1141)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	17	0.36
(1,1141)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	17	0.36
(1,1141)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	17	0.36
(1,1013)	1:12:A:VAL:HB	1:43:A:MET:HE1	19	0.36
(1,1013)	1:12:A:VAL:HB	1:43:A:MET:HE2	19	0.36
(1,1013)	1:12:A:VAL:HB	1:43:A:MET:HE3	19	0.36
(1,968)	1:11:A:ILE:HD11	1:12:A:VAL:HA	12	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,968)	1:11:A:ILE:HD12	1:12:A:VAL:HA	12	0.36
(1,968)	1:11:A:ILE:HD13	1:12:A:VAL:HA	12	0.36
(1,817)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	19	0.36
(1,817)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	19	0.36
(1,817)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	19	0.36
(1,817)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	19	0.36
(1,817)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	19	0.36
(1,817)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	19	0.36
(1,735)	1:50:A:ALA:H	1:130:A:GLY:HA3	1	0.36
(1,619)	1:14:A:VAL:HB	1:16:A:SER:H	14	0.36
(1,377)	1:40:A:LEU:HB3	1:41:A:LYS:H	15	0.36
(1,340)	1:57:A:LEU:H	1:58:A:ILE:HG13	8	0.36
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB1	9	0.36
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB2	9	0.36
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB3	9	0.36
(1,127)	1:79:A:THR:H	1:80:A:TYR:H	16	0.36
(1,73)	1:63:A:ILE:HG21	1:117:A:VAL:H	8	0.36
(1,73)	1:63:A:ILE:HG22	1:117:A:VAL:H	8	0.36
(1,73)	1:63:A:ILE:HG23	1:117:A:VAL:H	8	0.36
(1,52)	1:47:A:ALA:H	1:52:A:CYS:HB2	11	0.36
(1,52)	1:47:A:ALA:H	1:52:A:CYS:HB3	11	0.36
(34,2241)	1:69:A:MET:HG2	1:109:A:PRO:HA	7	0.35
(34,2241)	1:69:A:MET:HG3	1:109:A:PRO:HA	7	0.35
(34,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HA	8	0.35
(34,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HA	8	0.35
(34,2215)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	17	0.35
(34,2215)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	17	0.35
(34,2215)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	17	0.35
(34,2215)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	17	0.35
(34,2215)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	17	0.35
(34,2215)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	17	0.35
(34,2215)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	17	0.35
(34,2215)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	17	0.35
(34,2215)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	17	0.35
(34,2215)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	17	0.35
(34,2215)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	17	0.35
(34,2215)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	17	0.35
(34,2215)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	17	0.35
(34,2215)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	17	0.35
(34,2215)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	17	0.35
(34,2215)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	17	0.35
(34,2215)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	17	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2215)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	17	0.35
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD11	11	0.35
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD12	11	0.35
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD13	11	0.35
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD21	11	0.35
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD22	11	0.35
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD23	11	0.35
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD11	4	0.35
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD12	4	0.35
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD13	4	0.35
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD21	4	0.35
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD22	4	0.35
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD23	4	0.35
(34,2091)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	3	0.35
(34,2091)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	3	0.35
(34,2091)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	3	0.35
(34,2091)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	3	0.35
(34,2091)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	3	0.35
(34,2091)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	3	0.35
(34,2088)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	1	0.35
(34,2088)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	1	0.35
(34,2088)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	1	0.35
(34,2088)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	1	0.35
(34,2088)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	1	0.35
(34,2088)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	1	0.35
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	9	0.35
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	9	0.35
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	9	0.35
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	9	0.35
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	9	0.35
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	9	0.35
(34,1911)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	7	0.35
(34,1911)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	7	0.35
(34,1855)	1:79:A:THR:HB	1:80:A:TYR:HE1	11	0.35
(34,1855)	1:79:A:THR:HB	1:80:A:TYR:HE2	11	0.35
(34,1848)	1:143:A:TRP:HA	1:143:A:TRP:HE3	9	0.35
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	3	0.35
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	3	0.35
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	3	0.35
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	3	0.35
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	3	0.35
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	3	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1798)	1:80:A:TYR:HD1	1:81:A:GLU:HA	4	0.35
(34,1798)	1:80:A:TYR:HD2	1:81:A:GLU:HA	4	0.35
(34,1743)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	9	0.35
(34,1743)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	9	0.35
(34,1743)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	9	0.35
(34,1715)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	8	0.35
(34,1715)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	8	0.35
(34,1681)	1:107:A:LEU:H	1:111:A:GLU:HB2	8	0.35
(34,1681)	1:107:A:LEU:H	1:111:A:GLU:HB3	8	0.35
(34,1667)	1:69:A:MET:HE1	1:112:A:GLN:H	13	0.35
(34,1667)	1:69:A:MET:HE2	1:112:A:GLN:H	13	0.35
(34,1667)	1:69:A:MET:HE3	1:112:A:GLN:H	13	0.35
(34,1627)	1:24:A:ASP:HA	1:27:A:ARG:HA	6	0.35
(34,1585)	1:11:A:ILE:HD11	1:12:A:VAL:H	18	0.35
(34,1585)	1:11:A:ILE:HD12	1:12:A:VAL:H	18	0.35
(34,1585)	1:11:A:ILE:HD13	1:12:A:VAL:H	18	0.35
(34,1569)	1:39:A:VAL:H	1:139:A:LEU:HD11	12	0.35
(34,1569)	1:39:A:VAL:H	1:139:A:LEU:HD12	12	0.35
(34,1569)	1:39:A:VAL:H	1:139:A:LEU:HD13	12	0.35
(34,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE1	8	0.35
(34,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE2	8	0.35
(34,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE3	8	0.35
(34,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE1	8	0.35
(34,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE2	8	0.35
(34,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE3	8	0.35
(34,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE1	8	0.35
(34,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE2	8	0.35
(34,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE3	8	0.35
(34,1529)	1:11:A:ILE:HG21	1:43:A:MET:HE1	16	0.35
(34,1529)	1:11:A:ILE:HG21	1:43:A:MET:HE2	16	0.35
(34,1529)	1:11:A:ILE:HG21	1:43:A:MET:HE3	16	0.35
(34,1529)	1:11:A:ILE:HG22	1:43:A:MET:HE1	16	0.35
(34,1529)	1:11:A:ILE:HG22	1:43:A:MET:HE2	16	0.35
(34,1529)	1:11:A:ILE:HG22	1:43:A:MET:HE3	16	0.35
(34,1529)	1:11:A:ILE:HG23	1:43:A:MET:HE1	16	0.35
(34,1529)	1:11:A:ILE:HG23	1:43:A:MET:HE2	16	0.35
(34,1529)	1:11:A:ILE:HG23	1:43:A:MET:HE3	16	0.35
(34,1499)	1:101:A:ILE:HG21	1:103:A:ARG:HA	3	0.35
(34,1499)	1:101:A:ILE:HG22	1:103:A:ARG:HA	3	0.35
(34,1499)	1:101:A:ILE:HG23	1:103:A:ARG:HA	3	0.35
(34,1495)	1:101:A:ILE:HG21	1:116:A:GLN:H	12	0.35
(34,1495)	1:101:A:ILE:HG22	1:116:A:GLN:H	12	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1495)	1:101:A:ILE:HG23	1:116:A:GLN:H	12	0.35
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	14	0.35
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	14	0.35
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	14	0.35
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	14	0.35
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	14	0.35
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	14	0.35
(34,1318)	1:66:A:THR:HG21	1:96:A:VAL:H	9	0.35
(34,1318)	1:66:A:THR:HG22	1:96:A:VAL:H	9	0.35
(34,1318)	1:66:A:THR:HG23	1:96:A:VAL:H	9	0.35
(34,1294)	1:11:A:ILE:HG21	1:15:A:ALA:HA	16	0.35
(34,1294)	1:11:A:ILE:HG22	1:15:A:ALA:HA	16	0.35
(34,1294)	1:11:A:ILE:HG23	1:15:A:ALA:HA	16	0.35
(34,1287)	1:23:A:LEU:HD11	1:25:A:ALA:H	8	0.35
(34,1287)	1:23:A:LEU:HD12	1:25:A:ALA:H	8	0.35
(34,1287)	1:23:A:LEU:HD13	1:25:A:ALA:H	8	0.35
(34,1277)	1:37:A:LEU:HD11	1:38:A:GLU:HA	18	0.35
(34,1277)	1:37:A:LEU:HD12	1:38:A:GLU:HA	18	0.35
(34,1277)	1:37:A:LEU:HD13	1:38:A:GLU:HA	18	0.35
(34,1114)	1:138:A:ASP:HA	1:141:A:LYS:HA	8	0.35
(34,958)	1:69:A:MET:HG2	1:109:A:PRO:HA	1	0.35
(34,867)	1:39:A:VAL:H	1:139:A:LEU:HB2	3	0.35
(34,867)	1:39:A:VAL:H	1:139:A:LEU:HB3	3	0.35
(34,846)	1:48:A:ARG:HA	1:48:A:ARG:HD2	18	0.35
(34,846)	1:48:A:ARG:HA	1:48:A:ARG:HD3	18	0.35
(34,816)	1:98:A:ILE:HD11	1:100:A:ALA:H	5	0.35
(34,816)	1:98:A:ILE:HD12	1:100:A:ALA:H	5	0.35
(34,816)	1:98:A:ILE:HD13	1:100:A:ALA:H	5	0.35
(34,794)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	13	0.35
(34,794)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	13	0.35
(34,794)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	13	0.35
(34,794)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	13	0.35
(34,794)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	13	0.35
(34,794)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	13	0.35
(34,749)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	6	0.35
(34,749)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	6	0.35
(34,666)	1:101:A:ILE:HB	1:103:A:ARG:H	7	0.35
(34,630)	1:35:A:LEU:H	1:80:A:TYR:HB2	3	0.35
(34,594)	1:126:A:GLY:H	1:128:A:LEU:HB2	13	0.35
(34,495)	1:13:A:ALA:HB1	1:79:A:THR:H	16	0.35
(34,495)	1:13:A:ALA:HB2	1:79:A:THR:H	16	0.35
(34,495)	1:13:A:ALA:HB3	1:79:A:THR:H	16	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,303)	1:128:A:LEU:HB3	1:129:A:LYS:H	6	0.35
(34,74)	1:22:A:ASP:HA	1:23:A:LEU:H	8	0.35
(33,2232)	1:65:A:CYS:HB2	1:70:A:LYS:HA	8	0.35
(33,2232)	1:65:A:CYS:HB3	1:70:A:LYS:HA	8	0.35
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD11	14	0.35
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD12	14	0.35
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD13	14	0.35
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD21	14	0.35
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD22	14	0.35
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD23	14	0.35
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD11	15	0.35
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD12	15	0.35
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD13	15	0.35
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD21	15	0.35
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD22	15	0.35
(33,2203)	1:60:A:LEU:HA	1:60:A:LEU:HD23	15	0.35
(33,2092)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	3	0.35
(33,2092)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	3	0.35
(33,2092)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	3	0.35
(33,2092)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	3	0.35
(33,2092)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	3	0.35
(33,2092)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	3	0.35
(33,1991)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	12	0.35
(33,1991)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	12	0.35
(33,1991)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	12	0.35
(33,1991)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	12	0.35
(33,1991)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	12	0.35
(33,1991)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	12	0.35
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	9	0.35
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	9	0.35
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	9	0.35
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	9	0.35
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	9	0.35
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	9	0.35
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	9	0.35
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	9	0.35
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	9	0.35
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	9	0.35
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	9	0.35
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	9	0.35
(33,1900)	1:151:A:PHE:H	1:151:A:PHE:HD1	14	0.35
(33,1900)	1:151:A:PHE:H	1:151:A:PHE:HD2	14	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1846)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	15	0.35
(33,1846)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	15	0.35
(33,1846)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	15	0.35
(33,1846)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	15	0.35
(33,1846)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	15	0.35
(33,1846)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	15	0.35
(33,1840)	1:79:A:THR:HB	1:80:A:TYR:HE1	11	0.35
(33,1840)	1:79:A:THR:HB	1:80:A:TYR:HE2	11	0.35
(33,1749)	1:36:A:PRO:HG2	1:37:A:LEU:HG	14	0.35
(33,1701)	1:141:A:LYS:HA	1:145:A:PRO:HD3	10	0.35
(33,1667)	1:125:A:THR:HA	1:128:A:LEU:HA	5	0.35
(33,1659)	1:107:A:LEU:H	1:111:A:GLU:HB2	8	0.35
(33,1659)	1:107:A:LEU:H	1:111:A:GLU:HB3	8	0.35
(33,1645)	1:69:A:MET:HE1	1:112:A:GLN:H	13	0.35
(33,1645)	1:69:A:MET:HE2	1:112:A:GLN:H	13	0.35
(33,1645)	1:69:A:MET:HE3	1:112:A:GLN:H	13	0.35
(33,1603)	1:24:A:ASP:HA	1:27:A:ARG:HA	6	0.35
(33,1593)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	17	0.35
(33,1593)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	17	0.35
(33,1593)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	17	0.35
(33,1573)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	15	0.35
(33,1573)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	15	0.35
(33,1573)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	15	0.35
(33,1557)	1:11:A:ILE:HD11	1:12:A:VAL:H	18	0.35
(33,1557)	1:11:A:ILE:HD12	1:12:A:VAL:H	18	0.35
(33,1557)	1:11:A:ILE:HD13	1:12:A:VAL:H	18	0.35
(33,1509)	1:69:A:MET:HE1	1:115:A:ALA:H	7	0.35
(33,1509)	1:69:A:MET:HE2	1:115:A:ALA:H	7	0.35
(33,1509)	1:69:A:MET:HE3	1:115:A:ALA:H	7	0.35
(33,1506)	1:11:A:ILE:HG21	1:43:A:MET:HE1	16	0.35
(33,1506)	1:11:A:ILE:HG21	1:43:A:MET:HE2	16	0.35
(33,1506)	1:11:A:ILE:HG21	1:43:A:MET:HE3	16	0.35
(33,1506)	1:11:A:ILE:HG22	1:43:A:MET:HE1	16	0.35
(33,1506)	1:11:A:ILE:HG22	1:43:A:MET:HE2	16	0.35
(33,1506)	1:11:A:ILE:HG22	1:43:A:MET:HE3	16	0.35
(33,1506)	1:11:A:ILE:HG23	1:43:A:MET:HE1	16	0.35
(33,1506)	1:11:A:ILE:HG23	1:43:A:MET:HE2	16	0.35
(33,1506)	1:11:A:ILE:HG23	1:43:A:MET:HE3	16	0.35
(33,1473)	1:101:A:ILE:HG21	1:115:A:ALA:HA	17	0.35
(33,1473)	1:101:A:ILE:HG22	1:115:A:ALA:HA	17	0.35
(33,1473)	1:101:A:ILE:HG23	1:115:A:ALA:HA	17	0.35
(33,1266)	1:23:A:LEU:HD11	1:25:A:ALA:H	8	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1266)	1:23:A:LEU:HD12	1:25:A:ALA:H	8	0.35
(33,1266)	1:23:A:LEU:HD13	1:25:A:ALA:H	8	0.35
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD21	4	0.35
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD22	4	0.35
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD23	4	0.35
(33,1056)	1:43:A:MET:HB2	1:140:A:LEU:HG	12	0.35
(33,972)	1:140:A:LEU:HD21	1:141:A:LYS:HB2	8	0.35
(33,972)	1:140:A:LEU:HD21	1:141:A:LYS:HB3	8	0.35
(33,972)	1:140:A:LEU:HD22	1:141:A:LYS:HB2	8	0.35
(33,972)	1:140:A:LEU:HD22	1:141:A:LYS:HB3	8	0.35
(33,972)	1:140:A:LEU:HD23	1:141:A:LYS:HB2	8	0.35
(33,972)	1:140:A:LEU:HD23	1:141:A:LYS:HB3	8	0.35
(33,747)	1:105:A:LYS:HG3	1:112:A:GLN:HE21	7	0.35
(33,740)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	2	0.35
(33,707)	1:24:A:ASP:HA	1:27:A:ARG:HE	6	0.35
(33,469)	1:48:A:ARG:HA	1:53:A:THR:H	4	0.35
(33,148)	1:131:A:LEU:H	1:131:A:LEU:HG	16	0.35
(33,80)	1:22:A:ASP:HA	1:23:A:LEU:H	8	0.35
(33,58)	1:98:A:ILE:H	1:101:A:ILE:HG13	14	0.35
(32,2469)	1:140:A:LEU:HD11	1:143:A:TRP:HD1	9	0.35
(32,2469)	1:140:A:LEU:HD12	1:143:A:TRP:HD1	9	0.35
(32,2469)	1:140:A:LEU:HD13	1:143:A:TRP:HD1	9	0.35
(32,2469)	1:140:A:LEU:HD21	1:143:A:TRP:HD1	9	0.35
(32,2469)	1:140:A:LEU:HD22	1:143:A:TRP:HD1	9	0.35
(32,2469)	1:140:A:LEU:HD23	1:143:A:TRP:HD1	9	0.35
(32,2468)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	18	0.35
(32,2468)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	18	0.35
(32,2468)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	18	0.35
(32,2468)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	18	0.35
(32,2468)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	18	0.35
(32,2468)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	18	0.35
(32,2461)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	17	0.35
(32,2461)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	17	0.35
(32,2461)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	17	0.35
(32,2461)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	17	0.35
(32,2461)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	17	0.35
(32,2461)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	17	0.35
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD11	19	0.35
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD12	19	0.35
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD13	19	0.35
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD21	19	0.35
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD22	19	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD23	19	0.35
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD11	6	0.35
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD12	6	0.35
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD13	6	0.35
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD21	6	0.35
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD22	6	0.35
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD23	6	0.35
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD11	16	0.35
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD12	16	0.35
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD13	16	0.35
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD21	16	0.35
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD22	16	0.35
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD23	16	0.35
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD11	16	0.35
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD12	16	0.35
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD13	16	0.35
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD21	16	0.35
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD22	16	0.35
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD23	16	0.35
(32,2226)	1:65:A:CYS:HB2	1:70:A:LYS:HA	8	0.35
(32,2226)	1:65:A:CYS:HB3	1:70:A:LYS:HA	8	0.35
(32,2090)	1:39:A:VAL:HG11	1:43:A:MET:H	1	0.35
(32,2090)	1:39:A:VAL:HG12	1:43:A:MET:H	1	0.35
(32,2090)	1:39:A:VAL:HG13	1:43:A:MET:H	1	0.35
(32,2090)	1:39:A:VAL:HG21	1:43:A:MET:H	1	0.35
(32,2090)	1:39:A:VAL:HG22	1:43:A:MET:H	1	0.35
(32,2090)	1:39:A:VAL:HG23	1:43:A:MET:H	1	0.35
(32,2090)	1:39:A:VAL:HG11	1:43:A:MET:H	14	0.35
(32,2090)	1:39:A:VAL:HG12	1:43:A:MET:H	14	0.35
(32,2090)	1:39:A:VAL:HG13	1:43:A:MET:H	14	0.35
(32,2090)	1:39:A:VAL:HG21	1:43:A:MET:H	14	0.35
(32,2090)	1:39:A:VAL:HG22	1:43:A:MET:H	14	0.35
(32,2090)	1:39:A:VAL:HG23	1:43:A:MET:H	14	0.35
(32,1911)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	10	0.35
(32,1911)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	10	0.35
(32,1911)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	10	0.35
(32,1911)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	10	0.35
(32,1866)	1:151:A:PHE:H	1:151:A:PHE:HD1	14	0.35
(32,1866)	1:151:A:PHE:H	1:151:A:PHE:HD2	14	0.35
(32,1816)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	6	0.35
(32,1816)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	6	0.35
(32,1816)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	6	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1816)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	6	0.35
(32,1816)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	6	0.35
(32,1816)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	6	0.35
(32,1746)	1:80:A:TYR:HD1	1:81:A:GLU:HA	4	0.35
(32,1746)	1:80:A:TYR:HD2	1:81:A:GLU:HA	4	0.35
(32,1714)	1:36:A:PRO:HG2	1:37:A:LEU:HG	14	0.35
(32,1695)	1:31:A:PRO:HB2	1:35:A:LEU:HA	16	0.35
(32,1695)	1:31:A:PRO:HB3	1:35:A:LEU:HA	16	0.35
(32,1653)	1:43:A:MET:HE1	1:131:A:LEU:HA	1	0.35
(32,1653)	1:43:A:MET:HE2	1:131:A:LEU:HA	1	0.35
(32,1653)	1:43:A:MET:HE3	1:131:A:LEU:HA	1	0.35
(32,1632)	1:125:A:THR:HA	1:128:A:LEU:HA	5	0.35
(32,1613)	1:69:A:MET:HE1	1:112:A:GLN:H	13	0.35
(32,1613)	1:69:A:MET:HE2	1:112:A:GLN:H	13	0.35
(32,1613)	1:69:A:MET:HE3	1:112:A:GLN:H	13	0.35
(32,1607)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	18	0.35
(32,1607)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	18	0.35
(32,1607)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	18	0.35
(32,1607)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	18	0.35
(32,1607)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	18	0.35
(32,1607)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	18	0.35
(32,1577)	1:24:A:ASP:HA	1:27:A:ARG:HA	6	0.35
(32,1566)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	17	0.35
(32,1566)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	17	0.35
(32,1566)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	17	0.35
(32,1529)	1:11:A:ILE:HD11	1:12:A:VAL:H	18	0.35
(32,1529)	1:11:A:ILE:HD12	1:12:A:VAL:H	18	0.35
(32,1529)	1:11:A:ILE:HD13	1:12:A:VAL:H	18	0.35
(32,1473)	1:11:A:ILE:HG21	1:43:A:MET:HE1	16	0.35
(32,1473)	1:11:A:ILE:HG21	1:43:A:MET:HE2	16	0.35
(32,1473)	1:11:A:ILE:HG21	1:43:A:MET:HE3	16	0.35
(32,1473)	1:11:A:ILE:HG22	1:43:A:MET:HE1	16	0.35
(32,1473)	1:11:A:ILE:HG22	1:43:A:MET:HE2	16	0.35
(32,1473)	1:11:A:ILE:HG22	1:43:A:MET:HE3	16	0.35
(32,1473)	1:11:A:ILE:HG23	1:43:A:MET:HE1	16	0.35
(32,1473)	1:11:A:ILE:HG23	1:43:A:MET:HE2	16	0.35
(32,1473)	1:11:A:ILE:HG23	1:43:A:MET:HE3	16	0.35
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE1	10	0.35
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE2	10	0.35
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE3	10	0.35
(32,1441)	1:101:A:ILE:HG21	1:115:A:ALA:HA	17	0.35
(32,1441)	1:101:A:ILE:HG22	1:115:A:ALA:HA	17	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1441)	1:101:A:ILE:HG23	1:115:A:ALA:HA	17	0.35
(32,1421)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	16	0.35
(32,1421)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	16	0.35
(32,1421)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	16	0.35
(32,1365)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	5	0.35
(32,1365)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	5	0.35
(32,1365)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	5	0.35
(32,1339)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	19	0.35
(32,1339)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	19	0.35
(32,1339)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	19	0.35
(32,1236)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	1	0.35
(32,1236)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	1	0.35
(32,1236)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	1	0.35
(32,1236)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	1	0.35
(32,1236)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	1	0.35
(32,1236)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	1	0.35
(32,1230)	1:23:A:LEU:HD11	1:25:A:ALA:H	8	0.35
(32,1230)	1:23:A:LEU:HD12	1:25:A:ALA:H	8	0.35
(32,1230)	1:23:A:LEU:HD13	1:25:A:ALA:H	8	0.35
(32,1002)	1:63:A:ILE:H	1:63:A:ILE:HG13	11	0.35
(32,962)	1:102:A:PRO:HA	1:105:A:LYS:HB2	12	0.35
(32,962)	1:102:A:PRO:HA	1:105:A:LYS:HB3	12	0.35
(32,917)	1:11:A:ILE:HD11	1:12:A:VAL:HA	7	0.35
(32,917)	1:11:A:ILE:HD12	1:12:A:VAL:HA	7	0.35
(32,917)	1:11:A:ILE:HD13	1:12:A:VAL:HA	7	0.35
(32,792)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	15	0.35
(32,792)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	15	0.35
(32,792)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	15	0.35
(32,767)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	13	0.35
(32,767)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	13	0.35
(32,767)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	13	0.35
(32,767)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	13	0.35
(32,767)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	13	0.35
(32,767)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	13	0.35
(32,689)	1:24:A:ASP:HA	1:27:A:ARG:HE	6	0.35
(32,680)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	15	0.35
(32,680)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	15	0.35
(32,472)	1:13:A:ALA:HB1	1:79:A:THR:H	16	0.35
(32,472)	1:13:A:ALA:HB2	1:79:A:THR:H	16	0.35
(32,472)	1:13:A:ALA:HB3	1:79:A:THR:H	16	0.35
(32,458)	1:48:A:ARG:HA	1:53:A:THR:H	4	0.35
(32,420)	1:68:A:LYS:H	1:68:A:LYS:HE2	2	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,420)	1:68:A:LYS:H	1:68:A:LYS:HE3	2	0.35
(32,344)	1:104:A:PHE:H	1:104:A:PHE:HD1	18	0.35
(32,344)	1:104:A:PHE:H	1:104:A:PHE:HD2	18	0.35
(32,239)	1:58:A:ILE:H	1:58:A:ILE:HG13	17	0.35
(32,146)	1:131:A:LEU:H	1:131:A:LEU:HG	16	0.35
(32,70)	1:22:A:ASP:HA	1:23:A:LEU:H	8	0.35
(32,26)	1:35:A:LEU:H	1:35:A:LEU:HG	16	0.35
(30,2450)	1:139:A:LEU:HD11	1:144:A:LEU:H	14	0.35
(30,2450)	1:139:A:LEU:HD12	1:144:A:LEU:H	14	0.35
(30,2450)	1:139:A:LEU:HD13	1:144:A:LEU:H	14	0.35
(30,2450)	1:139:A:LEU:HD21	1:144:A:LEU:H	14	0.35
(30,2450)	1:139:A:LEU:HD22	1:144:A:LEU:H	14	0.35
(30,2450)	1:139:A:LEU:HD23	1:144:A:LEU:H	14	0.35
(30,2449)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	17	0.35
(30,2449)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	17	0.35
(30,2449)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	17	0.35
(30,2449)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	17	0.35
(30,2449)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	17	0.35
(30,2449)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	17	0.35
(30,2232)	1:65:A:CYS:HB2	1:70:A:LYS:HA	8	0.35
(30,2232)	1:65:A:CYS:HB3	1:70:A:LYS:HA	8	0.35
(30,2220)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	19	0.35
(30,2220)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	19	0.35
(30,2220)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	19	0.35
(30,2220)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	19	0.35
(30,2220)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	19	0.35
(30,2220)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	19	0.35
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	13	0.35
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	13	0.35
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	13	0.35
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	13	0.35
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	13	0.35
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	13	0.35
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	13	0.35
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	13	0.35
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	13	0.35
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	13	0.35
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	13	0.35
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	13	0.35
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	13	0.35
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	13	0.35
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	13	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	13	0.35
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	13	0.35
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	13	0.35
(30,2097)	1:37:A:LEU:HA	1:40:A:LEU:HD11	8	0.35
(30,2097)	1:37:A:LEU:HA	1:40:A:LEU:HD12	8	0.35
(30,2097)	1:37:A:LEU:HA	1:40:A:LEU:HD13	8	0.35
(30,2097)	1:37:A:LEU:HA	1:40:A:LEU:HD21	8	0.35
(30,2097)	1:37:A:LEU:HA	1:40:A:LEU:HD22	8	0.35
(30,2097)	1:37:A:LEU:HA	1:40:A:LEU:HD23	8	0.35
(30,2090)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	3	0.35
(30,2090)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	3	0.35
(30,2090)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	3	0.35
(30,2090)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	3	0.35
(30,2090)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	3	0.35
(30,2090)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	3	0.35
(30,2077)	1:35:A:LEU:HD11	1:39:A:VAL:HB	18	0.35
(30,2077)	1:35:A:LEU:HD12	1:39:A:VAL:HB	18	0.35
(30,2077)	1:35:A:LEU:HD13	1:39:A:VAL:HB	18	0.35
(30,2077)	1:35:A:LEU:HD21	1:39:A:VAL:HB	18	0.35
(30,2077)	1:35:A:LEU:HD22	1:39:A:VAL:HB	18	0.35
(30,2077)	1:35:A:LEU:HD23	1:39:A:VAL:HB	18	0.35
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD11	7	0.35
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD12	7	0.35
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD13	7	0.35
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD21	7	0.35
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD22	7	0.35
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD23	7	0.35
(30,1740)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	9	0.35
(30,1740)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	9	0.35
(30,1740)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	9	0.35
(30,1681)	1:125:A:THR:HA	1:128:A:LEU:HA	5	0.35
(30,1673)	1:107:A:LEU:H	1:111:A:GLU:HB2	8	0.35
(30,1673)	1:107:A:LEU:H	1:111:A:GLU:HB3	8	0.35
(30,1662)	1:69:A:MET:HE1	1:117:A:VAL:HG21	2	0.35
(30,1662)	1:69:A:MET:HE1	1:117:A:VAL:HG22	2	0.35
(30,1662)	1:69:A:MET:HE1	1:117:A:VAL:HG23	2	0.35
(30,1662)	1:69:A:MET:HE2	1:117:A:VAL:HG21	2	0.35
(30,1662)	1:69:A:MET:HE2	1:117:A:VAL:HG22	2	0.35
(30,1662)	1:69:A:MET:HE2	1:117:A:VAL:HG23	2	0.35
(30,1662)	1:69:A:MET:HE3	1:117:A:VAL:HG21	2	0.35
(30,1662)	1:69:A:MET:HE3	1:117:A:VAL:HG22	2	0.35
(30,1662)	1:69:A:MET:HE3	1:117:A:VAL:HG23	2	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1659)	1:69:A:MET:HE1	1:112:A:GLN:H	13	0.35
(30,1659)	1:69:A:MET:HE2	1:112:A:GLN:H	13	0.35
(30,1659)	1:69:A:MET:HE3	1:112:A:GLN:H	13	0.35
(30,1606)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	17	0.35
(30,1606)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	17	0.35
(30,1606)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	17	0.35
(30,1570)	1:11:A:ILE:HD11	1:12:A:VAL:H	18	0.35
(30,1570)	1:11:A:ILE:HD12	1:12:A:VAL:H	18	0.35
(30,1570)	1:11:A:ILE:HD13	1:12:A:VAL:H	18	0.35
(30,1562)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	1	0.35
(30,1562)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	1	0.35
(30,1562)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	1	0.35
(30,1562)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	1	0.35
(30,1562)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	1	0.35
(30,1562)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	1	0.35
(30,1478)	1:101:A:ILE:HG21	1:116:A:GLN:H	12	0.35
(30,1478)	1:101:A:ILE:HG22	1:116:A:GLN:H	12	0.35
(30,1478)	1:101:A:ILE:HG23	1:116:A:GLN:H	12	0.35
(30,1433)	1:50:A:ALA:HB1	1:127:A:CYS:HA	5	0.35
(30,1433)	1:50:A:ALA:HB2	1:127:A:CYS:HA	5	0.35
(30,1433)	1:50:A:ALA:HB3	1:127:A:CYS:HA	5	0.35
(30,1373)	1:47:A:ALA:H	1:134:A:VAL:HG11	9	0.35
(30,1373)	1:47:A:ALA:H	1:134:A:VAL:HG12	9	0.35
(30,1373)	1:47:A:ALA:H	1:134:A:VAL:HG13	9	0.35
(30,1254)	1:23:A:LEU:HD11	1:25:A:ALA:H	8	0.35
(30,1254)	1:23:A:LEU:HD12	1:25:A:ALA:H	8	0.35
(30,1254)	1:23:A:LEU:HD13	1:25:A:ALA:H	8	0.35
(30,1245)	1:37:A:LEU:HD11	1:38:A:GLU:HA	18	0.35
(30,1245)	1:37:A:LEU:HD12	1:38:A:GLU:HA	18	0.35
(30,1245)	1:37:A:LEU:HD13	1:38:A:GLU:HA	18	0.35
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD11	5	0.35
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD12	5	0.35
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD13	5	0.35
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD11	5	0.35
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD12	5	0.35
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD13	5	0.35
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD11	5	0.35
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD12	5	0.35
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD13	5	0.35
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD11	7	0.35
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD12	7	0.35
(30,1223)	1:43:A:MET:HE1	1:144:A:LEU:HD13	7	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD11	7	0.35
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD12	7	0.35
(30,1223)	1:43:A:MET:HE2	1:144:A:LEU:HD13	7	0.35
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD11	7	0.35
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD12	7	0.35
(30,1223)	1:43:A:MET:HE3	1:144:A:LEU:HD13	7	0.35
(30,1153)	1:13:A:ALA:HB1	1:80:A:TYR:HA	15	0.35
(30,1153)	1:13:A:ALA:HB2	1:80:A:TYR:HA	15	0.35
(30,1153)	1:13:A:ALA:HB3	1:80:A:TYR:HA	15	0.35
(30,1143)	1:78:A:HIS:HA	1:79:A:THR:HB	18	0.35
(30,1059)	1:54:A:ARG:HA	1:58:A:ILE:HG13	11	0.35
(30,1020)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	19	0.35
(30,831)	1:69:A:MET:HE1	1:114:A:ILE:HD11	6	0.35
(30,831)	1:69:A:MET:HE1	1:114:A:ILE:HD12	6	0.35
(30,831)	1:69:A:MET:HE1	1:114:A:ILE:HD13	6	0.35
(30,831)	1:69:A:MET:HE2	1:114:A:ILE:HD11	6	0.35
(30,831)	1:69:A:MET:HE2	1:114:A:ILE:HD12	6	0.35
(30,831)	1:69:A:MET:HE2	1:114:A:ILE:HD13	6	0.35
(30,831)	1:69:A:MET:HE3	1:114:A:ILE:HD11	6	0.35
(30,831)	1:69:A:MET:HE3	1:114:A:ILE:HD12	6	0.35
(30,831)	1:69:A:MET:HE3	1:114:A:ILE:HD13	6	0.35
(30,805)	1:98:A:ILE:HD11	1:100:A:ALA:H	5	0.35
(30,805)	1:98:A:ILE:HD12	1:100:A:ALA:H	5	0.35
(30,805)	1:98:A:ILE:HD13	1:100:A:ALA:H	5	0.35
(30,738)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	2	0.35
(30,705)	1:24:A:ASP:HA	1:27:A:ARG:HE	6	0.35
(30,677)	1:18:A:PHE:HB3	1:132:A:ALA:H	8	0.35
(30,629)	1:9:A:PHE:HZ	1:58:A:ILE:H	10	0.35
(30,437)	1:68:A:LYS:H	1:68:A:LYS:HE2	2	0.35
(30,437)	1:68:A:LYS:H	1:68:A:LYS:HE3	2	0.35
(30,314)	1:43:A:MET:H	1:140:A:LEU:HD11	1	0.35
(30,314)	1:43:A:MET:H	1:140:A:LEU:HD12	1	0.35
(30,314)	1:43:A:MET:H	1:140:A:LEU:HD13	1	0.35
(30,44)	1:44:A:GLU:HG3	1:47:A:ALA:H	6	0.35
(29,2330)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	13	0.35
(29,2330)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	13	0.35
(29,2330)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	13	0.35
(29,2330)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	13	0.35
(29,2330)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	13	0.35
(29,2330)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	13	0.35
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD11	17	0.35
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD12	17	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD13	17	0.35
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD21	17	0.35
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD22	17	0.35
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD23	17	0.35
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG11	18	0.35
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG12	18	0.35
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG13	18	0.35
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG21	18	0.35
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG22	18	0.35
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG23	18	0.35
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG11	18	0.35
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG12	18	0.35
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG13	18	0.35
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG21	18	0.35
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG22	18	0.35
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG23	18	0.35
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	16	0.35
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	16	0.35
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	16	0.35
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	16	0.35
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	16	0.35
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	16	0.35
(29,2121)	1:39:A:VAL:HG11	1:43:A:MET:H	1	0.35
(29,2121)	1:39:A:VAL:HG12	1:43:A:MET:H	1	0.35
(29,2121)	1:39:A:VAL:HG13	1:43:A:MET:H	1	0.35
(29,2121)	1:39:A:VAL:HG21	1:43:A:MET:H	1	0.35
(29,2121)	1:39:A:VAL:HG22	1:43:A:MET:H	1	0.35
(29,2121)	1:39:A:VAL:HG23	1:43:A:MET:H	1	0.35
(29,2121)	1:39:A:VAL:HG11	1:43:A:MET:H	14	0.35
(29,2121)	1:39:A:VAL:HG12	1:43:A:MET:H	14	0.35
(29,2121)	1:39:A:VAL:HG13	1:43:A:MET:H	14	0.35
(29,2121)	1:39:A:VAL:HG21	1:43:A:MET:H	14	0.35
(29,2121)	1:39:A:VAL:HG22	1:43:A:MET:H	14	0.35
(29,2121)	1:39:A:VAL:HG23	1:43:A:MET:H	14	0.35
(29,2099)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	3	0.35
(29,2099)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	3	0.35
(29,2099)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	3	0.35
(29,2099)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	3	0.35
(29,2099)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	3	0.35
(29,2099)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	3	0.35
(29,2090)	1:35:A:LEU:HD11	1:39:A:VAL:HB	18	0.35
(29,2090)	1:35:A:LEU:HD12	1:39:A:VAL:HB	18	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2090)	1:35:A:LEU:HD13	1:39:A:VAL:HB	18	0.35
(29,2090)	1:35:A:LEU:HD21	1:39:A:VAL:HB	18	0.35
(29,2090)	1:35:A:LEU:HD22	1:39:A:VAL:HB	18	0.35
(29,2090)	1:35:A:LEU:HD23	1:39:A:VAL:HB	18	0.35
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD11	13	0.35
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD12	13	0.35
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD13	13	0.35
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD21	13	0.35
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD22	13	0.35
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD23	13	0.35
(29,1997)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	9	0.35
(29,1997)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	9	0.35
(29,1997)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	9	0.35
(29,1997)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	9	0.35
(29,1997)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	9	0.35
(29,1997)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	9	0.35
(29,1997)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	9	0.35
(29,1997)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	9	0.35
(29,1997)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	9	0.35
(29,1997)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	9	0.35
(29,1997)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	9	0.35
(29,1997)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	9	0.35
(29,1932)	1:58:A:ILE:HB	1:62:A:HIS:HE1	17	0.35
(29,1865)	1:79:A:THR:HB	1:80:A:TYR:HE1	11	0.35
(29,1865)	1:79:A:THR:HB	1:80:A:TYR:HE2	11	0.35
(29,1860)	1:59:A:CYS:HA	1:62:A:HIS:HD2	13	0.35
(29,1775)	1:36:A:PRO:HG2	1:37:A:LEU:HG	14	0.35
(29,1729)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	12	0.35
(29,1695)	1:110:A:MET:HB3	1:111:A:GLU:HB2	15	0.35
(29,1695)	1:110:A:MET:HB3	1:111:A:GLU:HB3	15	0.35
(29,1692)	1:107:A:LEU:H	1:111:A:GLU:HB2	8	0.35
(29,1692)	1:107:A:LEU:H	1:111:A:GLU:HB3	8	0.35
(29,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	17	0.35
(29,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	17	0.35
(29,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	17	0.35
(29,1598)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	15	0.35
(29,1598)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	15	0.35
(29,1598)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	15	0.35
(29,1581)	1:11:A:ILE:HD11	1:12:A:VAL:H	18	0.35
(29,1581)	1:11:A:ILE:HD12	1:12:A:VAL:H	18	0.35
(29,1581)	1:11:A:ILE:HD13	1:12:A:VAL:H	18	0.35
(29,1573)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	1	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1573)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	1	0.35
(29,1573)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	1	0.35
(29,1573)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	1	0.35
(29,1573)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	1	0.35
(29,1573)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	1	0.35
(29,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE1	16	0.35
(29,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE2	16	0.35
(29,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE3	16	0.35
(29,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE1	16	0.35
(29,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE2	16	0.35
(29,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE3	16	0.35
(29,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE1	16	0.35
(29,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE2	16	0.35
(29,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE3	16	0.35
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE1	3	0.35
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE2	3	0.35
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE3	3	0.35
(29,1489)	1:101:A:ILE:HG21	1:115:A:ALA:HA	17	0.35
(29,1489)	1:101:A:ILE:HG22	1:115:A:ALA:HA	17	0.35
(29,1489)	1:101:A:ILE:HG23	1:115:A:ALA:HA	17	0.35
(29,1488)	1:101:A:ILE:HG21	1:116:A:GLN:H	12	0.35
(29,1488)	1:101:A:ILE:HG22	1:116:A:GLN:H	12	0.35
(29,1488)	1:101:A:ILE:HG23	1:116:A:GLN:H	12	0.35
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB2	11	0.35
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB3	11	0.35
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB2	11	0.35
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB3	11	0.35
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB2	11	0.35
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB3	11	0.35
(29,1271)	1:23:A:LEU:HD11	1:25:A:ALA:H	8	0.35
(29,1271)	1:23:A:LEU:HD12	1:25:A:ALA:H	8	0.35
(29,1271)	1:23:A:LEU:HD13	1:25:A:ALA:H	8	0.35
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD21	9	0.35
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD22	9	0.35
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD23	9	0.35
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD21	19	0.35
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD22	19	0.35
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD23	19	0.35
(29,1180)	1:140:A:LEU:HD21	1:144:A:LEU:H	19	0.35
(29,1180)	1:140:A:LEU:HD22	1:144:A:LEU:H	19	0.35
(29,1180)	1:140:A:LEU:HD23	1:144:A:LEU:H	19	0.35
(29,1123)	1:43:A:MET:HA	1:43:A:MET:HG3	8	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,966)	1:66:A:THR:H	1:96:A:VAL:HB	4	0.35
(29,953)	1:67:A:PRO:HA	1:70:A:LYS:HB2	16	0.35
(29,953)	1:67:A:PRO:HA	1:70:A:LYS:HB3	16	0.35
(29,773)	1:37:A:LEU:H	1:40:A:LEU:HB3	12	0.35
(29,753)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	2	0.35
(29,716)	1:24:A:ASP:HA	1:27:A:ARG:HE	6	0.35
(29,489)	1:13:A:ALA:HB1	1:79:A:THR:H	16	0.35
(29,489)	1:13:A:ALA:HB2	1:79:A:THR:H	16	0.35
(29,489)	1:13:A:ALA:HB3	1:79:A:THR:H	16	0.35
(29,476)	1:48:A:ARG:HA	1:53:A:THR:H	4	0.35
(29,351)	1:104:A:PHE:H	1:104:A:PHE:HD1	18	0.35
(29,351)	1:104:A:PHE:H	1:104:A:PHE:HD2	18	0.35
(29,43)	1:45:A:ALA:HA	1:47:A:ALA:H	2	0.35
(23,8)	1:61:A:SER:N	1:57:A:LEU:O	4	0.35
(23,5)	1:58:A:ILE:N	1:54:A:ARG:O	11	0.35
(23,5)	1:58:A:ILE:N	1:54:A:ARG:O	17	0.35
(23,4)	1:45:A:ALA:N	1:41:A:LYS:O	11	0.35
(23,4)	1:45:A:ALA:N	1:41:A:LYS:O	12	0.35
(23,4)	1:45:A:ALA:N	1:41:A:LYS:O	19	0.35
(23,3)	1:44:A:GLU:N	1:40:A:LEU:O	7	0.35
(22,34)	1:118:A:ASP:N	1:114:A:ILE:C	1	0.35
(22,34)	1:118:A:ASP:N	1:114:A:ILE:C	2	0.35
(22,34)	1:118:A:ASP:N	1:114:A:ILE:C	4	0.35
(22,27)	1:115:A:ALA:H	1:111:A:GLU:C	6	0.35
(22,27)	1:115:A:ALA:H	1:111:A:GLU:C	13	0.35
(22,27)	1:115:A:ALA:H	1:111:A:GLU:C	16	0.35
(22,17)	1:73:A:ILE:H	1:69:A:MET:C	10	0.35
(22,16)	1:61:A:SER:N	1:57:A:LEU:C	10	0.35
(22,16)	1:61:A:SER:N	1:57:A:LEU:C	19	0.35
(22,12)	1:59:A:CYS:N	1:55:A:GLY:C	10	0.35
(22,11)	1:59:A:CYS:H	1:55:A:GLY:C	9	0.35
(22,11)	1:59:A:CYS:H	1:55:A:GLY:C	13	0.35
(22,8)	1:45:A:ALA:N	1:41:A:LYS:C	7	0.35
(22,8)	1:45:A:ALA:N	1:41:A:LYS:C	17	0.35
(22,6)	1:44:A:GLU:N	1:40:A:LEU:C	3	0.35
(22,6)	1:44:A:GLU:N	1:40:A:LEU:C	8	0.35
(22,6)	1:44:A:GLU:N	1:40:A:LEU:C	12	0.35
(22,4)	1:39:A:VAL:N	1:36:A:PRO:C	7	0.35
(22,3)	1:39:A:VAL:H	1:36:A:PRO:C	9	0.35
(20,8)	1:56:A:CYS:SG	1:123:A:CYS:SG	14	0.35
(19,7)	1:123:A:CYS:SG	1:56:A:CYS:CB	17	0.35
(18,2448)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	18	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2448)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	18	0.35
(18,2448)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	18	0.35
(18,2448)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	18	0.35
(18,2448)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	18	0.35
(18,2448)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	18	0.35
(18,2440)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	17	0.35
(18,2440)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	17	0.35
(18,2440)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	17	0.35
(18,2440)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	17	0.35
(18,2440)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	17	0.35
(18,2440)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	17	0.35
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD11	12	0.35
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD12	12	0.35
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD13	12	0.35
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD21	12	0.35
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD22	12	0.35
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD23	12	0.35
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD11	9	0.35
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD12	9	0.35
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD13	9	0.35
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD21	9	0.35
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD22	9	0.35
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD23	9	0.35
(18,2322)	1:107:A:LEU:HD11	1:112:A:GLN:HA	3	0.35
(18,2322)	1:107:A:LEU:HD12	1:112:A:GLN:HA	3	0.35
(18,2322)	1:107:A:LEU:HD13	1:112:A:GLN:HA	3	0.35
(18,2322)	1:107:A:LEU:HD21	1:112:A:GLN:HA	3	0.35
(18,2322)	1:107:A:LEU:HD22	1:112:A:GLN:HA	3	0.35
(18,2322)	1:107:A:LEU:HD23	1:112:A:GLN:HA	3	0.35
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG11	17	0.35
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG12	17	0.35
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG13	17	0.35
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG21	17	0.35
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG22	17	0.35
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG23	17	0.35
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD11	16	0.35
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD12	16	0.35
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD13	16	0.35
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD21	16	0.35
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD22	16	0.35
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD23	16	0.35
(18,2080)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	3	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2080)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	3	0.35
(18,2080)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	3	0.35
(18,2080)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	3	0.35
(18,2080)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	3	0.35
(18,2080)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	3	0.35
(18,2072)	1:35:A:LEU:HD11	1:39:A:VAL:HB	18	0.35
(18,2072)	1:35:A:LEU:HD12	1:39:A:VAL:HB	18	0.35
(18,2072)	1:35:A:LEU:HD13	1:39:A:VAL:HB	18	0.35
(18,2072)	1:35:A:LEU:HD21	1:39:A:VAL:HB	18	0.35
(18,2072)	1:35:A:LEU:HD22	1:39:A:VAL:HB	18	0.35
(18,2072)	1:35:A:LEU:HD23	1:39:A:VAL:HB	18	0.35
(18,2015)	1:18:A:PHE:HB2	1:132:A:ALA:HA	4	0.35
(18,2015)	1:18:A:PHE:HB3	1:132:A:ALA:HA	4	0.35
(18,2015)	1:18:A:PHE:HB2	1:132:A:ALA:HA	8	0.35
(18,2015)	1:18:A:PHE:HB3	1:132:A:ALA:HA	8	0.35
(18,1953)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	2	0.35
(18,1953)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	2	0.35
(18,1953)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	2	0.35
(18,1953)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	2	0.35
(18,1953)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	2	0.35
(18,1953)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	2	0.35
(18,1943)	1:10:A:ASN:HD21	1:80:A:TYR:H	18	0.35
(18,1943)	1:10:A:ASN:HD22	1:80:A:TYR:H	18	0.35
(18,1886)	1:18:A:PHE:HE1	1:128:A:LEU:HG	12	0.35
(18,1886)	1:18:A:PHE:HE2	1:128:A:LEU:HG	12	0.35
(18,1737)	1:36:A:PRO:HG2	1:37:A:LEU:HG	14	0.35
(18,1697)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	12	0.35
(18,1688)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	8	0.35
(18,1688)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	8	0.35
(18,1664)	1:125:A:THR:HA	1:128:A:LEU:HA	5	0.35
(18,1660)	1:110:A:MET:HB3	1:111:A:GLU:HB2	15	0.35
(18,1660)	1:110:A:MET:HB3	1:111:A:GLU:HB3	15	0.35
(18,1640)	1:69:A:MET:HE1	1:112:A:GLN:H	13	0.35
(18,1640)	1:69:A:MET:HE2	1:112:A:GLN:H	13	0.35
(18,1640)	1:69:A:MET:HE3	1:112:A:GLN:H	13	0.35
(18,1597)	1:24:A:ASP:HA	1:27:A:ARG:HA	6	0.35
(18,1570)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	15	0.35
(18,1570)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	15	0.35
(18,1570)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	15	0.35
(18,1552)	1:11:A:ILE:HD11	1:12:A:VAL:H	18	0.35
(18,1552)	1:11:A:ILE:HD12	1:12:A:VAL:H	18	0.35
(18,1552)	1:11:A:ILE:HD13	1:12:A:VAL:H	18	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1545)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	1	0.35
(18,1545)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	1	0.35
(18,1545)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	1	0.35
(18,1545)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	1	0.35
(18,1545)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	1	0.35
(18,1545)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	1	0.35
(18,1504)	1:11:A:ILE:HG21	1:43:A:MET:HE1	16	0.35
(18,1504)	1:11:A:ILE:HG21	1:43:A:MET:HE2	16	0.35
(18,1504)	1:11:A:ILE:HG21	1:43:A:MET:HE3	16	0.35
(18,1504)	1:11:A:ILE:HG22	1:43:A:MET:HE1	16	0.35
(18,1504)	1:11:A:ILE:HG22	1:43:A:MET:HE2	16	0.35
(18,1504)	1:11:A:ILE:HG22	1:43:A:MET:HE3	16	0.35
(18,1504)	1:11:A:ILE:HG23	1:43:A:MET:HE1	16	0.35
(18,1504)	1:11:A:ILE:HG23	1:43:A:MET:HE2	16	0.35
(18,1504)	1:11:A:ILE:HG23	1:43:A:MET:HE3	16	0.35
(18,1495)	1:43:A:MET:HA	1:43:A:MET:HE1	8	0.35
(18,1495)	1:43:A:MET:HA	1:43:A:MET:HE2	8	0.35
(18,1495)	1:43:A:MET:HA	1:43:A:MET:HE3	8	0.35
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG21	2	0.35
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG22	2	0.35
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG23	2	0.35
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG21	12	0.35
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG22	12	0.35
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG23	12	0.35
(18,1452)	1:13:A:ALA:HB1	1:79:A:THR:HB	6	0.35
(18,1452)	1:13:A:ALA:HB2	1:79:A:THR:HB	6	0.35
(18,1452)	1:13:A:ALA:HB3	1:79:A:THR:HB	6	0.35
(18,1407)	1:101:A:ILE:HG21	1:102:A:PRO:HD3	3	0.35
(18,1407)	1:101:A:ILE:HG22	1:102:A:PRO:HD3	3	0.35
(18,1407)	1:101:A:ILE:HG23	1:102:A:PRO:HD3	3	0.35
(18,1316)	1:107:A:LEU:HA	1:108:A:GLU:HG2	6	0.35
(18,1263)	1:23:A:LEU:HD11	1:25:A:ALA:H	8	0.35
(18,1263)	1:23:A:LEU:HD12	1:25:A:ALA:H	8	0.35
(18,1263)	1:23:A:LEU:HD13	1:25:A:ALA:H	8	0.35
(18,1099)	1:138:A:ASP:HA	1:141:A:LYS:HA	8	0.35
(18,982)	1:68:A:LYS:HG2	1:109:A:PRO:HB2	1	0.35
(18,982)	1:68:A:LYS:HG2	1:109:A:PRO:HB3	1	0.35
(18,982)	1:68:A:LYS:HG3	1:109:A:PRO:HB2	1	0.35
(18,982)	1:68:A:LYS:HG3	1:109:A:PRO:HB3	1	0.35
(18,955)	1:67:A:PRO:HA	1:70:A:LYS:HB2	16	0.35
(18,955)	1:67:A:PRO:HA	1:70:A:LYS:HB3	16	0.35
(18,944)	1:73:A:ILE:HD11	1:112:A:GLN:HG2	7	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,944)	1:73:A:ILE:HD11	1:112:A:GLN:HG3	7	0.35
(18,944)	1:73:A:ILE:HD12	1:112:A:GLN:HG2	7	0.35
(18,944)	1:73:A:ILE:HD12	1:112:A:GLN:HG3	7	0.35
(18,944)	1:73:A:ILE:HD13	1:112:A:GLN:HG2	7	0.35
(18,944)	1:73:A:ILE:HD13	1:112:A:GLN:HG3	7	0.35
(18,821)	1:98:A:ILE:HD11	1:100:A:ALA:H	5	0.35
(18,821)	1:98:A:ILE:HD12	1:100:A:ALA:H	5	0.35
(18,821)	1:98:A:ILE:HD13	1:100:A:ALA:H	5	0.35
(18,801)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	13	0.35
(18,801)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	13	0.35
(18,801)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	13	0.35
(18,801)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	13	0.35
(18,801)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	13	0.35
(18,801)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	13	0.35
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	5	0.35
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	5	0.35
(18,763)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	5	0.35
(18,758)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	6	0.35
(18,758)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	6	0.35
(18,756)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	2	0.35
(18,721)	1:24:A:ASP:HA	1:27:A:ARG:HE	6	0.35
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB2	4	0.35
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB3	4	0.35
(18,499)	1:13:A:ALA:HB1	1:79:A:THR:H	16	0.35
(18,499)	1:13:A:ALA:HB2	1:79:A:THR:H	16	0.35
(18,499)	1:13:A:ALA:HB3	1:79:A:THR:H	16	0.35
(18,382)	1:40:A:LEU:HB2	1:41:A:LYS:H	18	0.35
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD11	2	0.35
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD12	2	0.35
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD13	2	0.35
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD11	15	0.35
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD12	15	0.35
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD13	15	0.35
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD11	16	0.35
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD12	16	0.35
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD13	16	0.35
(18,78)	1:22:A:ASP:HA	1:23:A:LEU:H	8	0.35
(18,30)	1:35:A:LEU:H	1:35:A:LEU:HG	16	0.35
(17,2459)	1:141:A:LYS:H	1:148:A:CYS:HB2	2	0.35
(17,2459)	1:141:A:LYS:H	1:148:A:CYS:HB3	2	0.35
(17,2324)	1:105:A:LYS:H	1:105:A:LYS:HG2	3	0.35
(17,2324)	1:105:A:LYS:H	1:105:A:LYS:HG3	3	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2324)	1:105:A:LYS:H	1:105:A:LYS:HG2	12	0.35
(17,2324)	1:105:A:LYS:H	1:105:A:LYS:HG3	12	0.35
(17,2240)	1:65:A:CYS:HB2	1:70:A:LYS:HA	8	0.35
(17,2240)	1:65:A:CYS:HB3	1:70:A:LYS:HA	8	0.35
(17,2221)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	13	0.35
(17,2221)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	13	0.35
(17,2221)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	13	0.35
(17,2221)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	13	0.35
(17,2221)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	13	0.35
(17,2221)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	13	0.35
(17,2221)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	13	0.35
(17,2221)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	13	0.35
(17,2221)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	13	0.35
(17,2221)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	13	0.35
(17,2221)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	13	0.35
(17,2221)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	13	0.35
(17,2221)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	13	0.35
(17,2221)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	13	0.35
(17,2221)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	13	0.35
(17,2221)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	13	0.35
(17,2221)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	13	0.35
(17,2221)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	13	0.35
(17,2221)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	13	0.35
(17,2221)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	13	0.35
(17,2221)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	13	0.35
(17,2221)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	13	0.35
(17,2221)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	13	0.35
(17,2221)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	13	0.35
(17,2221)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	13	0.35
(17,2221)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	13	0.35
(17,2221)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	13	0.35
(17,2221)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	13	0.35
(17,2221)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	13	0.35
(17,2221)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	13	0.35
(17,2221)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	13	0.35
(17,2221)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	13	0.35
(17,2221)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	13	0.35
(17,2221)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	13	0.35
(17,2221)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	13	0.35
(17,2221)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	13	0.35
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD11	5	0.35
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD12	5	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD13	5	0.35
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD21	5	0.35
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD22	5	0.35
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD23	5	0.35
(17,1963)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	6	0.35
(17,1963)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	6	0.35
(17,1963)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	6	0.35
(17,1963)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	6	0.35
(17,1919)	1:151:A:PHE:H	1:151:A:PHE:HD1	14	0.35
(17,1919)	1:151:A:PHE:H	1:151:A:PHE:HD2	14	0.35
(17,1851)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	8	0.35
(17,1851)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	8	0.35
(17,1770)	1:36:A:PRO:HG2	1:37:A:LEU:HG	14	0.35
(17,1748)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	9	0.35
(17,1748)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	9	0.35
(17,1748)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	9	0.35
(17,1694)	1:125:A:THR:HA	1:128:A:LEU:HA	5	0.35
(17,1686)	1:107:A:LEU:H	1:111:A:GLU:HB2	8	0.35
(17,1686)	1:107:A:LEU:H	1:111:A:GLU:HB3	8	0.35
(17,1632)	1:23:A:LEU:HB2	1:24:A:ASP:HA	7	0.35
(17,1632)	1:23:A:LEU:HB3	1:24:A:ASP:HA	7	0.35
(17,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	17	0.35
(17,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	17	0.35
(17,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	17	0.35
(17,1502)	1:101:A:ILE:HG21	1:116:A:GLN:H	12	0.35
(17,1502)	1:101:A:ILE:HG22	1:116:A:GLN:H	12	0.35
(17,1502)	1:101:A:ILE:HG23	1:116:A:GLN:H	12	0.35
(17,1337)	1:107:A:LEU:HA	1:108:A:GLU:HG2	6	0.35
(17,1298)	1:66:A:THR:HG21	1:96:A:VAL:H	9	0.35
(17,1298)	1:66:A:THR:HG22	1:96:A:VAL:H	9	0.35
(17,1298)	1:66:A:THR:HG23	1:96:A:VAL:H	9	0.35
(17,1264)	1:23:A:LEU:HD11	1:25:A:ALA:H	8	0.35
(17,1264)	1:23:A:LEU:HD12	1:25:A:ALA:H	8	0.35
(17,1264)	1:23:A:LEU:HD13	1:25:A:ALA:H	8	0.35
(17,1163)	1:13:A:ALA:HB1	1:80:A:TYR:HA	3	0.35
(17,1163)	1:13:A:ALA:HB2	1:80:A:TYR:HA	3	0.35
(17,1163)	1:13:A:ALA:HB3	1:80:A:TYR:HA	3	0.35
(17,1135)	1:57:A:LEU:HG	1:60:A:LEU:HD11	6	0.35
(17,1135)	1:57:A:LEU:HG	1:60:A:LEU:HD12	6	0.35
(17,1135)	1:57:A:LEU:HG	1:60:A:LEU:HD13	6	0.35
(17,999)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	19	0.35
(17,999)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	19	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,930)	1:125:A:THR:HB	1:128:A:LEU:HD11	5	0.35
(17,930)	1:125:A:THR:HB	1:128:A:LEU:HD12	5	0.35
(17,930)	1:125:A:THR:HB	1:128:A:LEU:HD13	5	0.35
(17,818)	1:98:A:ILE:HD11	1:100:A:ALA:H	5	0.35
(17,818)	1:98:A:ILE:HD12	1:100:A:ALA:H	5	0.35
(17,818)	1:98:A:ILE:HD13	1:100:A:ALA:H	5	0.35
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD11	3	0.35
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD12	3	0.35
(17,795)	1:18:A:PHE:HZ	1:63:A:ILE:HD13	3	0.35
(17,744)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	2	0.35
(17,710)	1:24:A:ASP:HA	1:27:A:ARG:HE	6	0.35
(17,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	3	0.35
(17,480)	1:13:A:ALA:HB1	1:79:A:THR:H	16	0.35
(17,480)	1:13:A:ALA:HB2	1:79:A:THR:H	16	0.35
(17,480)	1:13:A:ALA:HB3	1:79:A:THR:H	16	0.35
(17,423)	1:39:A:VAL:HG21	1:143:A:TRP:H	4	0.35
(17,423)	1:39:A:VAL:HG22	1:143:A:TRP:H	4	0.35
(17,423)	1:39:A:VAL:HG23	1:143:A:TRP:H	4	0.35
(17,262)	1:39:A:VAL:H	1:139:A:LEU:HB2	5	0.35
(17,262)	1:39:A:VAL:H	1:139:A:LEU:HB3	5	0.35
(17,74)	1:22:A:ASP:HA	1:23:A:LEU:H	8	0.35
(17,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	2	0.35
(16,2457)	1:139:A:LEU:HD11	1:144:A:LEU:H	14	0.35
(16,2457)	1:139:A:LEU:HD12	1:144:A:LEU:H	14	0.35
(16,2457)	1:139:A:LEU:HD13	1:144:A:LEU:H	14	0.35
(16,2457)	1:139:A:LEU:HD21	1:144:A:LEU:H	14	0.35
(16,2457)	1:139:A:LEU:HD22	1:144:A:LEU:H	14	0.35
(16,2457)	1:139:A:LEU:HD23	1:144:A:LEU:H	14	0.35
(16,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	15	0.35
(16,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	15	0.35
(16,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	15	0.35
(16,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	15	0.35
(16,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	15	0.35
(16,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	15	0.35
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD11	11	0.35
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD12	11	0.35
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD13	11	0.35
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD21	11	0.35
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD22	11	0.35
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD23	11	0.35
(16,2123)	1:39:A:VAL:HG11	1:43:A:MET:HB2	10	0.35
(16,2123)	1:39:A:VAL:HG12	1:43:A:MET:HB2	10	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2123)	1:39:A:VAL:HG13	1:43:A:MET:HB2	10	0.35
(16,2123)	1:39:A:VAL:HG21	1:43:A:MET:HB2	10	0.35
(16,2123)	1:39:A:VAL:HG22	1:43:A:MET:HB2	10	0.35
(16,2123)	1:39:A:VAL:HG23	1:43:A:MET:HB2	10	0.35
(16,2085)	1:35:A:LEU:HD11	1:39:A:VAL:HB	18	0.35
(16,2085)	1:35:A:LEU:HD12	1:39:A:VAL:HB	18	0.35
(16,2085)	1:35:A:LEU:HD13	1:39:A:VAL:HB	18	0.35
(16,2085)	1:35:A:LEU:HD21	1:39:A:VAL:HB	18	0.35
(16,2085)	1:35:A:LEU:HD22	1:39:A:VAL:HB	18	0.35
(16,2085)	1:35:A:LEU:HD23	1:39:A:VAL:HB	18	0.35
(16,2060)	1:30:A:LEU:HD11	1:79:A:THR:HB	8	0.35
(16,2060)	1:30:A:LEU:HD12	1:79:A:THR:HB	8	0.35
(16,2060)	1:30:A:LEU:HD13	1:79:A:THR:HB	8	0.35
(16,2060)	1:30:A:LEU:HD21	1:79:A:THR:HB	8	0.35
(16,2060)	1:30:A:LEU:HD22	1:79:A:THR:HB	8	0.35
(16,2060)	1:30:A:LEU:HD23	1:79:A:THR:HB	8	0.35
(16,2038)	1:23:A:LEU:HD11	1:27:A:ARG:HB2	15	0.35
(16,2038)	1:23:A:LEU:HD11	1:27:A:ARG:HB3	15	0.35
(16,2038)	1:23:A:LEU:HD12	1:27:A:ARG:HB2	15	0.35
(16,2038)	1:23:A:LEU:HD12	1:27:A:ARG:HB3	15	0.35
(16,2038)	1:23:A:LEU:HD13	1:27:A:ARG:HB2	15	0.35
(16,2038)	1:23:A:LEU:HD13	1:27:A:ARG:HB3	15	0.35
(16,2038)	1:23:A:LEU:HD21	1:27:A:ARG:HB2	15	0.35
(16,2038)	1:23:A:LEU:HD21	1:27:A:ARG:HB3	15	0.35
(16,2038)	1:23:A:LEU:HD22	1:27:A:ARG:HB2	15	0.35
(16,2038)	1:23:A:LEU:HD22	1:27:A:ARG:HB3	15	0.35
(16,2038)	1:23:A:LEU:HD23	1:27:A:ARG:HB2	15	0.35
(16,2038)	1:23:A:LEU:HD23	1:27:A:ARG:HB3	15	0.35
(16,1950)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	7	0.35
(16,1950)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	7	0.35
(16,1950)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	7	0.35
(16,1950)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	7	0.35
(16,1950)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	7	0.35
(16,1950)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	7	0.35
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	10	0.35
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	10	0.35
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	10	0.35
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	10	0.35
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	10	0.35
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	10	0.35
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	10	0.35
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	10	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	10	0.35
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	10	0.35
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	10	0.35
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	10	0.35
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	10	0.35
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	10	0.35
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	10	0.35
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	10	0.35
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	10	0.35
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	10	0.35
(16,1918)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	5	0.35
(16,1918)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	5	0.35
(16,1918)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	5	0.35
(16,1918)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	5	0.35
(16,1884)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	3	0.35
(16,1884)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	3	0.35
(16,1884)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	3	0.35
(16,1884)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	3	0.35
(16,1884)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	3	0.35
(16,1884)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	3	0.35
(16,1871)	1:104:A:PHE:HE1	1:113:A:PHE:HA	10	0.35
(16,1871)	1:104:A:PHE:HE2	1:113:A:PHE:HA	10	0.35
(16,1863)	1:14:A:VAL:HA	1:18:A:PHE:HD1	6	0.35
(16,1863)	1:14:A:VAL:HA	1:18:A:PHE:HD2	6	0.35
(16,1775)	1:80:A:TYR:HD1	1:81:A:GLU:HA	4	0.35
(16,1775)	1:80:A:TYR:HD2	1:81:A:GLU:HA	4	0.35
(16,1669)	1:125:A:THR:HA	1:128:A:LEU:HA	5	0.35
(16,1601)	1:24:A:ASP:HA	1:27:A:ARG:HA	6	0.35
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG21	1	0.35
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG22	1	0.35
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG23	1	0.35
(16,1557)	1:11:A:ILE:HD11	1:18:A:PHE:HD1	11	0.35
(16,1557)	1:11:A:ILE:HD11	1:18:A:PHE:HD2	11	0.35
(16,1557)	1:11:A:ILE:HD12	1:18:A:PHE:HD1	11	0.35
(16,1557)	1:11:A:ILE:HD12	1:18:A:PHE:HD2	11	0.35
(16,1557)	1:11:A:ILE:HD13	1:18:A:PHE:HD1	11	0.35
(16,1557)	1:11:A:ILE:HD13	1:18:A:PHE:HD2	11	0.35
(16,1514)	1:11:A:ILE:HG21	1:43:A:MET:HE1	16	0.35
(16,1514)	1:11:A:ILE:HG21	1:43:A:MET:HE2	16	0.35
(16,1514)	1:11:A:ILE:HG21	1:43:A:MET:HE3	16	0.35
(16,1514)	1:11:A:ILE:HG22	1:43:A:MET:HE1	16	0.35
(16,1514)	1:11:A:ILE:HG22	1:43:A:MET:HE2	16	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1514)	1:11:A:ILE:HG22	1:43:A:MET:HE3	16	0.35
(16,1514)	1:11:A:ILE:HG23	1:43:A:MET:HE1	16	0.35
(16,1514)	1:11:A:ILE:HG23	1:43:A:MET:HE2	16	0.35
(16,1514)	1:11:A:ILE:HG23	1:43:A:MET:HE3	16	0.35
(16,1503)	1:11:A:ILE:HA	1:43:A:MET:HE1	13	0.35
(16,1503)	1:11:A:ILE:HA	1:43:A:MET:HE2	13	0.35
(16,1503)	1:11:A:ILE:HA	1:43:A:MET:HE3	13	0.35
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE1	3	0.35
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE2	3	0.35
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE3	3	0.35
(16,1479)	1:101:A:ILE:HG21	1:116:A:GLN:H	12	0.35
(16,1479)	1:101:A:ILE:HG22	1:116:A:GLN:H	12	0.35
(16,1479)	1:101:A:ILE:HG23	1:116:A:GLN:H	12	0.35
(16,1400)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	5	0.35
(16,1400)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	5	0.35
(16,1400)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	5	0.35
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG11	3	0.35
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG12	3	0.35
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG13	3	0.35
(16,1303)	1:11:A:ILE:HA	1:14:A:VAL:HG11	10	0.35
(16,1303)	1:11:A:ILE:HA	1:14:A:VAL:HG12	10	0.35
(16,1303)	1:11:A:ILE:HA	1:14:A:VAL:HG13	10	0.35
(16,1295)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	14	0.35
(16,1295)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	14	0.35
(16,1295)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	14	0.35
(16,1295)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	14	0.35
(16,1295)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	14	0.35
(16,1295)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	14	0.35
(16,1264)	1:23:A:LEU:HD11	1:25:A:ALA:H	8	0.35
(16,1264)	1:23:A:LEU:HD12	1:25:A:ALA:H	8	0.35
(16,1264)	1:23:A:LEU:HD13	1:25:A:ALA:H	8	0.35
(16,1192)	1:100:A:ALA:HB1	1:119:A:LEU:HD21	8	0.35
(16,1192)	1:100:A:ALA:HB1	1:119:A:LEU:HD22	8	0.35
(16,1192)	1:100:A:ALA:HB1	1:119:A:LEU:HD23	8	0.35
(16,1192)	1:100:A:ALA:HB2	1:119:A:LEU:HD21	8	0.35
(16,1192)	1:100:A:ALA:HB2	1:119:A:LEU:HD22	8	0.35
(16,1192)	1:100:A:ALA:HB2	1:119:A:LEU:HD23	8	0.35
(16,1192)	1:100:A:ALA:HB3	1:119:A:LEU:HD21	8	0.35
(16,1192)	1:100:A:ALA:HB3	1:119:A:LEU:HD22	8	0.35
(16,1192)	1:100:A:ALA:HB3	1:119:A:LEU:HD23	8	0.35
(16,1130)	1:66:A:THR:HG21	1:105:A:LYS:HA	19	0.35
(16,1130)	1:66:A:THR:HG22	1:105:A:LYS:HA	19	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1130)	1:66:A:THR:HG23	1:105:A:LYS:HA	19	0.35
(16,945)	1:79:A:THR:HG21	1:81:A:GLU:HG2	12	0.35
(16,945)	1:79:A:THR:HG21	1:81:A:GLU:HG3	12	0.35
(16,945)	1:79:A:THR:HG22	1:81:A:GLU:HG2	12	0.35
(16,945)	1:79:A:THR:HG22	1:81:A:GLU:HG3	12	0.35
(16,945)	1:79:A:THR:HG23	1:81:A:GLU:HG2	12	0.35
(16,945)	1:79:A:THR:HG23	1:81:A:GLU:HG3	12	0.35
(16,913)	1:20:A:THR:H	1:21:A:THR:HB	5	0.35
(16,817)	1:98:A:ILE:HD11	1:100:A:ALA:H	5	0.35
(16,817)	1:98:A:ILE:HD12	1:100:A:ALA:H	5	0.35
(16,817)	1:98:A:ILE:HD13	1:100:A:ALA:H	5	0.35
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE1	5	0.35
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE2	5	0.35
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE3	5	0.35
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE1	5	0.35
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE2	5	0.35
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE3	5	0.35
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE1	5	0.35
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE2	5	0.35
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE3	5	0.35
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE1	14	0.35
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE2	14	0.35
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE3	14	0.35
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE1	14	0.35
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE2	14	0.35
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE3	14	0.35
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE1	14	0.35
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE2	14	0.35
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE3	14	0.35
(16,793)	1:63:A:ILE:HD11	1:64:A:LYS:H	7	0.35
(16,793)	1:63:A:ILE:HD12	1:64:A:LYS:H	7	0.35
(16,793)	1:63:A:ILE:HD13	1:64:A:LYS:H	7	0.35
(16,753)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	6	0.35
(16,753)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	6	0.35
(16,716)	1:24:A:ASP:HA	1:27:A:ARG:HE	6	0.35
(16,664)	1:101:A:ILE:HB	1:103:A:ARG:H	7	0.35
(16,488)	1:13:A:ALA:HB1	1:79:A:THR:H	16	0.35
(16,488)	1:13:A:ALA:HB2	1:79:A:THR:H	16	0.35
(16,488)	1:13:A:ALA:HB3	1:79:A:THR:H	16	0.35
(16,475)	1:48:A:ARG:HA	1:53:A:THR:H	4	0.35
(16,224)	1:48:A:ARG:H	1:48:A:ARG:HG2	7	0.35
(16,224)	1:48:A:ARG:H	1:48:A:ARG:HG3	7	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,224)	1:48:A:ARG:H	1:48:A:ARG:HG2	11	0.35
(16,224)	1:48:A:ARG:H	1:48:A:ARG:HG3	11	0.35
(16,222)	1:44:A:GLU:HB2	1:48:A:ARG:H	5	0.35
(16,222)	1:44:A:GLU:HB3	1:48:A:ARG:H	5	0.35
(16,152)	1:131:A:LEU:H	1:131:A:LEU:HG	16	0.35
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG21	13	0.35
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG22	13	0.35
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG23	13	0.35
(16,71)	1:22:A:ASP:HA	1:23:A:LEU:H	8	0.35
(16,31)	1:96:A:VAL:H	1:96:A:VAL:HA	16	0.35
(15,2496)	1:144:A:LEU:HD11	1:148:A:CYS:H	10	0.35
(15,2496)	1:144:A:LEU:HD12	1:148:A:CYS:H	10	0.35
(15,2496)	1:144:A:LEU:HD13	1:148:A:CYS:H	10	0.35
(15,2496)	1:144:A:LEU:HD21	1:148:A:CYS:H	10	0.35
(15,2496)	1:144:A:LEU:HD22	1:148:A:CYS:H	10	0.35
(15,2496)	1:144:A:LEU:HD23	1:148:A:CYS:H	10	0.35
(15,2493)	1:144:A:LEU:HD11	1:147:A:ARG:HA	1	0.35
(15,2493)	1:144:A:LEU:HD12	1:147:A:ARG:HA	1	0.35
(15,2493)	1:144:A:LEU:HD13	1:147:A:ARG:HA	1	0.35
(15,2493)	1:144:A:LEU:HD21	1:147:A:ARG:HA	1	0.35
(15,2493)	1:144:A:LEU:HD22	1:147:A:ARG:HA	1	0.35
(15,2493)	1:144:A:LEU:HD23	1:147:A:ARG:HA	1	0.35
(15,2465)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	18	0.35
(15,2465)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	18	0.35
(15,2465)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	18	0.35
(15,2465)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	18	0.35
(15,2465)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	18	0.35
(15,2465)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	18	0.35
(15,2457)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	17	0.35
(15,2457)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	17	0.35
(15,2457)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	17	0.35
(15,2457)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	17	0.35
(15,2457)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	17	0.35
(15,2457)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	17	0.35
(15,2306)	1:105:A:LYS:H	1:105:A:LYS:HG2	10	0.35
(15,2306)	1:105:A:LYS:H	1:105:A:LYS:HG3	10	0.35
(15,2278)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	6	0.35
(15,2278)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	6	0.35
(15,2278)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	6	0.35
(15,2278)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	6	0.35
(15,2278)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	6	0.35
(15,2278)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	6	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2278)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	6	0.35
(15,2278)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	6	0.35
(15,2278)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	6	0.35
(15,2278)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	6	0.35
(15,2278)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	6	0.35
(15,2278)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	6	0.35
(15,2196)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	19	0.35
(15,2196)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	19	0.35
(15,2196)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	19	0.35
(15,2196)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	19	0.35
(15,2196)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	19	0.35
(15,2196)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	19	0.35
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD11	14	0.35
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD12	14	0.35
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD13	14	0.35
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD21	14	0.35
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD22	14	0.35
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD23	14	0.35
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD11	15	0.35
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD12	15	0.35
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD13	15	0.35
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD21	15	0.35
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD22	15	0.35
(15,2181)	1:60:A:LEU:HA	1:60:A:LEU:HD23	15	0.35
(15,2115)	1:43:A:MET:H	1:43:A:MET:HG2	11	0.35
(15,2115)	1:43:A:MET:H	1:43:A:MET:HG3	11	0.35
(15,2082)	1:39:A:VAL:HG11	1:43:A:MET:H	1	0.35
(15,2082)	1:39:A:VAL:HG12	1:43:A:MET:H	1	0.35
(15,2082)	1:39:A:VAL:HG13	1:43:A:MET:H	1	0.35
(15,2082)	1:39:A:VAL:HG21	1:43:A:MET:H	1	0.35
(15,2082)	1:39:A:VAL:HG22	1:43:A:MET:H	1	0.35
(15,2082)	1:39:A:VAL:HG23	1:43:A:MET:H	1	0.35
(15,2082)	1:39:A:VAL:HG11	1:43:A:MET:H	14	0.35
(15,2082)	1:39:A:VAL:HG12	1:43:A:MET:H	14	0.35
(15,2082)	1:39:A:VAL:HG13	1:43:A:MET:H	14	0.35
(15,2082)	1:39:A:VAL:HG21	1:43:A:MET:H	14	0.35
(15,2082)	1:39:A:VAL:HG22	1:43:A:MET:H	14	0.35
(15,2082)	1:39:A:VAL:HG23	1:43:A:MET:H	14	0.35
(15,2060)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	3	0.35
(15,2060)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	3	0.35
(15,2060)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	3	0.35
(15,2060)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	3	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2060)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	3	0.35
(15,2060)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	3	0.35
(15,2049)	1:35:A:LEU:HD11	1:39:A:VAL:HB	18	0.35
(15,2049)	1:35:A:LEU:HD12	1:39:A:VAL:HB	18	0.35
(15,2049)	1:35:A:LEU:HD13	1:39:A:VAL:HB	18	0.35
(15,2049)	1:35:A:LEU:HD21	1:39:A:VAL:HB	18	0.35
(15,2049)	1:35:A:LEU:HD22	1:39:A:VAL:HB	18	0.35
(15,2049)	1:35:A:LEU:HD23	1:39:A:VAL:HB	18	0.35
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	7	0.35
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	7	0.35
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	7	0.35
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	7	0.35
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	7	0.35
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	7	0.35
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	7	0.35
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	7	0.35
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	7	0.35
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	7	0.35
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	7	0.35
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	7	0.35
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	7	0.35
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	7	0.35
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	7	0.35
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	7	0.35
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	7	0.35
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	7	0.35
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	7	0.35
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	7	0.35
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	7	0.35
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	7	0.35
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	7	0.35
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	7	0.35
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	7	0.35
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	7	0.35
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	7	0.35
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	7	0.35
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	7	0.35
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	7	0.35
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	7	0.35
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	7	0.35
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	7	0.35
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	7	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	7	0.35
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	7	0.35
(15,1961)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	14	0.35
(15,1961)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	14	0.35
(15,1961)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	14	0.35
(15,1961)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	14	0.35
(15,1961)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	14	0.35
(15,1961)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	14	0.35
(15,1961)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	14	0.35
(15,1961)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	14	0.35
(15,1961)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	14	0.35
(15,1961)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	14	0.35
(15,1961)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	14	0.35
(15,1961)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	14	0.35
(15,1908)	1:9:A:PHE:HD1	1:40:A:LEU:HD11	13	0.35
(15,1908)	1:9:A:PHE:HD1	1:40:A:LEU:HD12	13	0.35
(15,1908)	1:9:A:PHE:HD1	1:40:A:LEU:HD13	13	0.35
(15,1908)	1:9:A:PHE:HD1	1:40:A:LEU:HD21	13	0.35
(15,1908)	1:9:A:PHE:HD1	1:40:A:LEU:HD22	13	0.35
(15,1908)	1:9:A:PHE:HD1	1:40:A:LEU:HD23	13	0.35
(15,1908)	1:9:A:PHE:HD2	1:40:A:LEU:HD11	13	0.35
(15,1908)	1:9:A:PHE:HD2	1:40:A:LEU:HD12	13	0.35
(15,1908)	1:9:A:PHE:HD2	1:40:A:LEU:HD13	13	0.35
(15,1908)	1:9:A:PHE:HD2	1:40:A:LEU:HD21	13	0.35
(15,1908)	1:9:A:PHE:HD2	1:40:A:LEU:HD22	13	0.35
(15,1908)	1:9:A:PHE:HD2	1:40:A:LEU:HD23	13	0.35
(15,1819)	1:143:A:TRP:HA	1:143:A:TRP:HE3	9	0.35
(15,1780)	1:72:A:PHE:HD1	1:109:A:PRO:HB2	10	0.35
(15,1780)	1:72:A:PHE:HD1	1:109:A:PRO:HB3	10	0.35
(15,1780)	1:72:A:PHE:HD2	1:109:A:PRO:HB2	10	0.35
(15,1780)	1:72:A:PHE:HD2	1:109:A:PRO:HB3	10	0.35
(15,1743)	1:36:A:PRO:HG2	1:37:A:LEU:HG	14	0.35
(15,1671)	1:125:A:THR:HA	1:128:A:LEU:HA	5	0.35
(15,1664)	1:107:A:LEU:H	1:111:A:GLU:HB2	8	0.35
(15,1664)	1:107:A:LEU:H	1:111:A:GLU:HB3	8	0.35
(15,1651)	1:69:A:MET:HE1	1:112:A:GLN:H	13	0.35
(15,1651)	1:69:A:MET:HE2	1:112:A:GLN:H	13	0.35
(15,1651)	1:69:A:MET:HE3	1:112:A:GLN:H	13	0.35
(15,1644)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	19	0.35
(15,1644)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	19	0.35
(15,1644)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	19	0.35
(15,1594)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	17	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1594)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	17	0.35
(15,1594)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	17	0.35
(15,1578)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	15	0.35
(15,1578)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	15	0.35
(15,1578)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	15	0.35
(15,1561)	1:11:A:ILE:HD11	1:12:A:VAL:H	18	0.35
(15,1561)	1:11:A:ILE:HD12	1:12:A:VAL:H	18	0.35
(15,1561)	1:11:A:ILE:HD13	1:12:A:VAL:H	18	0.35
(15,1525)	1:63:A:ILE:HG21	1:69:A:MET:HE1	8	0.35
(15,1525)	1:63:A:ILE:HG21	1:69:A:MET:HE2	8	0.35
(15,1525)	1:63:A:ILE:HG21	1:69:A:MET:HE3	8	0.35
(15,1525)	1:63:A:ILE:HG22	1:69:A:MET:HE1	8	0.35
(15,1525)	1:63:A:ILE:HG22	1:69:A:MET:HE2	8	0.35
(15,1525)	1:63:A:ILE:HG22	1:69:A:MET:HE3	8	0.35
(15,1525)	1:63:A:ILE:HG23	1:69:A:MET:HE1	8	0.35
(15,1525)	1:63:A:ILE:HG23	1:69:A:MET:HE2	8	0.35
(15,1525)	1:63:A:ILE:HG23	1:69:A:MET:HE3	8	0.35
(15,1473)	1:101:A:ILE:HG21	1:115:A:ALA:HA	17	0.35
(15,1473)	1:101:A:ILE:HG22	1:115:A:ALA:HA	17	0.35
(15,1473)	1:101:A:ILE:HG23	1:115:A:ALA:HA	17	0.35
(15,1472)	1:101:A:ILE:HG21	1:116:A:GLN:H	12	0.35
(15,1472)	1:101:A:ILE:HG22	1:116:A:GLN:H	12	0.35
(15,1472)	1:101:A:ILE:HG23	1:116:A:GLN:H	12	0.35
(15,1454)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	7	0.35
(15,1454)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	7	0.35
(15,1454)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	7	0.35
(15,1454)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	7	0.35
(15,1454)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	7	0.35
(15,1454)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	7	0.35
(15,1454)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	7	0.35
(15,1454)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	7	0.35
(15,1454)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	7	0.35
(15,1259)	1:23:A:LEU:HD11	1:25:A:ALA:H	8	0.35
(15,1259)	1:23:A:LEU:HD12	1:25:A:ALA:H	8	0.35
(15,1259)	1:23:A:LEU:HD13	1:25:A:ALA:H	8	0.35
(15,1153)	1:13:A:ALA:HB1	1:80:A:TYR:HA	15	0.35
(15,1153)	1:13:A:ALA:HB2	1:80:A:TYR:HA	15	0.35
(15,1153)	1:13:A:ALA:HB3	1:80:A:TYR:HA	15	0.35
(15,948)	1:40:A:LEU:HA	1:43:A:MET:HG2	11	0.35
(15,817)	1:98:A:ILE:HD11	1:104:A:PHE:HB2	7	0.35
(15,817)	1:98:A:ILE:HD12	1:104:A:PHE:HB2	7	0.35
(15,817)	1:98:A:ILE:HD13	1:104:A:PHE:HB2	7	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,710)	1:24:A:ASP:HA	1:27:A:ARG:HE	6	0.35
(15,675)	1:63:A:ILE:HG12	1:117:A:VAL:H	12	0.35
(15,477)	1:48:A:ARG:HA	1:53:A:THR:H	4	0.35
(15,439)	1:68:A:LYS:H	1:68:A:LYS:HE2	2	0.35
(15,439)	1:68:A:LYS:H	1:68:A:LYS:HE3	2	0.35
(15,356)	1:104:A:PHE:H	1:104:A:PHE:HD1	18	0.35
(15,356)	1:104:A:PHE:H	1:104:A:PHE:HD2	18	0.35
(15,223)	1:44:A:GLU:HB2	1:48:A:ARG:H	5	0.35
(15,223)	1:44:A:GLU:HB3	1:48:A:ARG:H	5	0.35
(15,78)	1:22:A:ASP:HA	1:23:A:LEU:H	8	0.35
(15,12)	1:64:A:LYS:H	1:116:A:GLN:HG3	9	0.35
(13,2443)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	17	0.35
(13,2443)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	17	0.35
(13,2443)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	17	0.35
(13,2443)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	17	0.35
(13,2443)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	17	0.35
(13,2443)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	17	0.35
(13,2410)	1:132:A:ALA:HB1	1:133:A:ASN:HB2	7	0.35
(13,2410)	1:132:A:ALA:HB1	1:133:A:ASN:HB3	7	0.35
(13,2410)	1:132:A:ALA:HB2	1:133:A:ASN:HB2	7	0.35
(13,2410)	1:132:A:ALA:HB2	1:133:A:ASN:HB3	7	0.35
(13,2410)	1:132:A:ALA:HB3	1:133:A:ASN:HB2	7	0.35
(13,2410)	1:132:A:ALA:HB3	1:133:A:ASN:HB3	7	0.35
(13,2294)	1:104:A:PHE:HD1	1:116:A:GLN:HG2	3	0.35
(13,2294)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	3	0.35
(13,2294)	1:104:A:PHE:HD2	1:116:A:GLN:HG2	3	0.35
(13,2294)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	3	0.35
(13,2225)	1:70:A:LYS:HG2	1:71:A:LYS:H	12	0.35
(13,2225)	1:70:A:LYS:HG3	1:71:A:LYS:H	12	0.35
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG11	18	0.35
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG12	18	0.35
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG13	18	0.35
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG21	18	0.35
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG22	18	0.35
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG23	18	0.35
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG11	18	0.35
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG12	18	0.35
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG13	18	0.35
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG21	18	0.35
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG22	18	0.35
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG23	18	0.35
(13,2040)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	3	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2040)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	3	0.35
(13,2040)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	3	0.35
(13,2040)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	3	0.35
(13,2040)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	3	0.35
(13,2040)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	3	0.35
(13,2033)	1:35:A:LEU:HD11	1:39:A:VAL:HB	18	0.35
(13,2033)	1:35:A:LEU:HD12	1:39:A:VAL:HB	18	0.35
(13,2033)	1:35:A:LEU:HD13	1:39:A:VAL:HB	18	0.35
(13,2033)	1:35:A:LEU:HD21	1:39:A:VAL:HB	18	0.35
(13,2033)	1:35:A:LEU:HD22	1:39:A:VAL:HB	18	0.35
(13,2033)	1:35:A:LEU:HD23	1:39:A:VAL:HB	18	0.35
(13,1907)	1:10:A:ASN:HD21	1:80:A:TYR:H	18	0.35
(13,1907)	1:10:A:ASN:HD22	1:80:A:TYR:H	18	0.35
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	3	0.35
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	3	0.35
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	3	0.35
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	3	0.35
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	3	0.35
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	3	0.35
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	3	0.35
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	3	0.35
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	3	0.35
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	3	0.35
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	3	0.35
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	3	0.35
(13,1853)	1:18:A:PHE:HE1	1:128:A:LEU:HG	12	0.35
(13,1853)	1:18:A:PHE:HE2	1:128:A:LEU:HG	12	0.35
(13,1803)	1:79:A:THR:HB	1:80:A:TYR:HE1	11	0.35
(13,1803)	1:79:A:THR:HB	1:80:A:TYR:HE2	11	0.35
(13,1793)	1:143:A:TRP:HA	1:143:A:TRP:HE3	9	0.35
(13,1783)	1:9:A:PHE:HZ	1:54:A:ARG:HA	2	0.35
(13,1756)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	14	0.35
(13,1756)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	14	0.35
(13,1756)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	14	0.35
(13,1756)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	14	0.35
(13,1720)	1:36:A:PRO:HG2	1:37:A:LEU:HG	14	0.35
(13,1699)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	9	0.35
(13,1699)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	9	0.35
(13,1699)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	9	0.35
(13,1644)	1:125:A:THR:HA	1:128:A:LEU:HA	5	0.35
(13,1637)	1:107:A:LEU:H	1:111:A:GLU:HB2	8	0.35
(13,1637)	1:107:A:LEU:H	1:111:A:GLU:HB3	8	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1597)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	1	0.35
(13,1597)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	1	0.35
(13,1597)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	1	0.35
(13,1582)	1:24:A:ASP:HA	1:27:A:ARG:HA	6	0.35
(13,1571)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	17	0.35
(13,1571)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	17	0.35
(13,1571)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	17	0.35
(13,1539)	1:11:A:ILE:HD11	1:12:A:VAL:H	18	0.35
(13,1539)	1:11:A:ILE:HD12	1:12:A:VAL:H	18	0.35
(13,1539)	1:11:A:ILE:HD13	1:12:A:VAL:H	18	0.35
(13,1487)	1:11:A:ILE:HG21	1:43:A:MET:HE1	16	0.35
(13,1487)	1:11:A:ILE:HG21	1:43:A:MET:HE2	16	0.35
(13,1487)	1:11:A:ILE:HG21	1:43:A:MET:HE3	16	0.35
(13,1487)	1:11:A:ILE:HG22	1:43:A:MET:HE1	16	0.35
(13,1487)	1:11:A:ILE:HG22	1:43:A:MET:HE2	16	0.35
(13,1487)	1:11:A:ILE:HG22	1:43:A:MET:HE3	16	0.35
(13,1487)	1:11:A:ILE:HG23	1:43:A:MET:HE1	16	0.35
(13,1487)	1:11:A:ILE:HG23	1:43:A:MET:HE2	16	0.35
(13,1487)	1:11:A:ILE:HG23	1:43:A:MET:HE3	16	0.35
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE1	10	0.35
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE2	10	0.35
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE3	10	0.35
(13,1457)	1:101:A:ILE:HG21	1:103:A:ARG:HA	3	0.35
(13,1457)	1:101:A:ILE:HG22	1:103:A:ARG:HA	3	0.35
(13,1457)	1:101:A:ILE:HG23	1:103:A:ARG:HA	3	0.35
(13,1453)	1:101:A:ILE:HG21	1:116:A:GLN:H	12	0.35
(13,1453)	1:101:A:ILE:HG22	1:116:A:GLN:H	12	0.35
(13,1453)	1:101:A:ILE:HG23	1:116:A:GLN:H	12	0.35
(13,1431)	1:13:A:ALA:HB1	1:61:A:SER:HA	10	0.35
(13,1431)	1:13:A:ALA:HB2	1:61:A:SER:HA	10	0.35
(13,1431)	1:13:A:ALA:HB3	1:61:A:SER:HA	10	0.35
(13,1375)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	5	0.35
(13,1375)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	5	0.35
(13,1375)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	5	0.35
(13,1234)	1:23:A:LEU:HD11	1:25:A:ALA:H	8	0.35
(13,1234)	1:23:A:LEU:HD12	1:25:A:ALA:H	8	0.35
(13,1234)	1:23:A:LEU:HD13	1:25:A:ALA:H	8	0.35
(13,1227)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	2	0.35
(13,1227)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	2	0.35
(13,1227)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	2	0.35
(13,1227)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	2	0.35
(13,1227)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	2	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1227)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	2	0.35
(13,1227)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	2	0.35
(13,1227)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	2	0.35
(13,1227)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	2	0.35
(13,1131)	1:13:A:ALA:HB1	1:80:A:TYR:HA	15	0.35
(13,1131)	1:13:A:ALA:HB2	1:80:A:TYR:HA	15	0.35
(13,1131)	1:13:A:ALA:HB3	1:80:A:TYR:HA	15	0.35
(13,925)	1:67:A:PRO:HA	1:70:A:LYS:HB2	16	0.35
(13,925)	1:67:A:PRO:HA	1:70:A:LYS:HB3	16	0.35
(13,904)	1:125:A:THR:HB	1:128:A:LEU:HD11	5	0.35
(13,904)	1:125:A:THR:HB	1:128:A:LEU:HD12	5	0.35
(13,904)	1:125:A:THR:HB	1:128:A:LEU:HD13	5	0.35
(13,794)	1:98:A:ILE:HD11	1:100:A:ALA:H	5	0.35
(13,794)	1:98:A:ILE:HD12	1:100:A:ALA:H	5	0.35
(13,794)	1:98:A:ILE:HD13	1:100:A:ALA:H	5	0.35
(13,727)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	6	0.35
(13,727)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	6	0.35
(13,709)	1:73:A:ILE:HG21	1:76:A:ARG:HE	10	0.35
(13,709)	1:73:A:ILE:HG22	1:76:A:ARG:HE	10	0.35
(13,709)	1:73:A:ILE:HG23	1:76:A:ARG:HE	10	0.35
(13,647)	1:101:A:ILE:HB	1:103:A:ARG:H	7	0.35
(13,481)	1:13:A:ALA:HB1	1:79:A:THR:H	16	0.35
(13,481)	1:13:A:ALA:HB2	1:79:A:THR:H	16	0.35
(13,481)	1:13:A:ALA:HB3	1:79:A:THR:H	16	0.35
(13,370)	1:40:A:LEU:HB2	1:41:A:LYS:H	6	0.35
(13,218)	1:48:A:ARG:H	1:48:A:ARG:HG2	7	0.35
(13,218)	1:48:A:ARG:H	1:48:A:ARG:HG3	7	0.35
(13,218)	1:48:A:ARG:H	1:48:A:ARG:HG2	11	0.35
(13,218)	1:48:A:ARG:H	1:48:A:ARG:HG3	11	0.35
(13,71)	1:22:A:ASP:HA	1:23:A:LEU:H	8	0.35
(11,2443)	1:139:A:LEU:HD11	1:144:A:LEU:H	14	0.35
(11,2443)	1:139:A:LEU:HD12	1:144:A:LEU:H	14	0.35
(11,2443)	1:139:A:LEU:HD13	1:144:A:LEU:H	14	0.35
(11,2443)	1:139:A:LEU:HD21	1:144:A:LEU:H	14	0.35
(11,2443)	1:139:A:LEU:HD22	1:144:A:LEU:H	14	0.35
(11,2443)	1:139:A:LEU:HD23	1:144:A:LEU:H	14	0.35
(11,2392)	1:125:A:THR:HB	1:129:A:LYS:HG2	9	0.35
(11,2392)	1:125:A:THR:HB	1:129:A:LYS:HG3	9	0.35
(11,2254)	1:69:A:MET:HG2	1:70:A:LYS:HE2	1	0.35
(11,2254)	1:69:A:MET:HG2	1:70:A:LYS:HE3	1	0.35
(11,2254)	1:69:A:MET:HG3	1:70:A:LYS:HE2	1	0.35
(11,2254)	1:69:A:MET:HG3	1:70:A:LYS:HE3	1	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD11	11	0.35
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD12	11	0.35
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD13	11	0.35
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD21	11	0.35
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD22	11	0.35
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD23	11	0.35
(11,2142)	1:40:A:LEU:HD11	1:41:A:LYS:H	15	0.35
(11,2142)	1:40:A:LEU:HD12	1:41:A:LYS:H	15	0.35
(11,2142)	1:40:A:LEU:HD13	1:41:A:LYS:H	15	0.35
(11,2142)	1:40:A:LEU:HD21	1:41:A:LYS:H	15	0.35
(11,2142)	1:40:A:LEU:HD22	1:41:A:LYS:H	15	0.35
(11,2142)	1:40:A:LEU:HD23	1:41:A:LYS:H	15	0.35
(11,2122)	1:39:A:VAL:HG11	1:43:A:MET:H	1	0.35
(11,2122)	1:39:A:VAL:HG12	1:43:A:MET:H	1	0.35
(11,2122)	1:39:A:VAL:HG13	1:43:A:MET:H	1	0.35
(11,2122)	1:39:A:VAL:HG21	1:43:A:MET:H	1	0.35
(11,2122)	1:39:A:VAL:HG22	1:43:A:MET:H	1	0.35
(11,2122)	1:39:A:VAL:HG23	1:43:A:MET:H	1	0.35
(11,2122)	1:39:A:VAL:HG11	1:43:A:MET:H	14	0.35
(11,2122)	1:39:A:VAL:HG12	1:43:A:MET:H	14	0.35
(11,2122)	1:39:A:VAL:HG13	1:43:A:MET:H	14	0.35
(11,2122)	1:39:A:VAL:HG21	1:43:A:MET:H	14	0.35
(11,2122)	1:39:A:VAL:HG22	1:43:A:MET:H	14	0.35
(11,2122)	1:39:A:VAL:HG23	1:43:A:MET:H	14	0.35
(11,2089)	1:35:A:LEU:HD11	1:39:A:VAL:HB	18	0.35
(11,2089)	1:35:A:LEU:HD12	1:39:A:VAL:HB	18	0.35
(11,2089)	1:35:A:LEU:HD13	1:39:A:VAL:HB	18	0.35
(11,2089)	1:35:A:LEU:HD21	1:39:A:VAL:HB	18	0.35
(11,2089)	1:35:A:LEU:HD22	1:39:A:VAL:HB	18	0.35
(11,2089)	1:35:A:LEU:HD23	1:39:A:VAL:HB	18	0.35
(11,2085)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	13	0.35
(11,2085)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	13	0.35
(11,2085)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	13	0.35
(11,2085)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	13	0.35
(11,2085)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	13	0.35
(11,2085)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	13	0.35
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	16	0.35
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	16	0.35
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	16	0.35
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	16	0.35
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	16	0.35
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	16	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	16	0.35
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	16	0.35
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	16	0.35
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	16	0.35
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	16	0.35
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	16	0.35
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	17	0.35
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	17	0.35
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	17	0.35
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	17	0.35
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	17	0.35
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	17	0.35
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	17	0.35
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	17	0.35
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	17	0.35
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	17	0.35
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	17	0.35
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	17	0.35
(11,1935)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	6	0.35
(11,1935)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	6	0.35
(11,1923)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	7	0.35
(11,1923)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	7	0.35
(11,1904)	1:104:A:PHE:HE1	1:113:A:PHE:HA	10	0.35
(11,1904)	1:104:A:PHE:HE2	1:113:A:PHE:HA	10	0.35
(11,1796)	1:141:A:LYS:HA	1:144:A:LEU:HD21	10	0.35
(11,1796)	1:141:A:LYS:HA	1:144:A:LEU:HD22	10	0.35
(11,1796)	1:141:A:LYS:HA	1:144:A:LEU:HD23	10	0.35
(11,1788)	1:36:A:PRO:HG2	1:37:A:LEU:HG	14	0.35
(11,1769)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	9	0.35
(11,1769)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	9	0.35
(11,1769)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	9	0.35
(11,1712)	1:125:A:THR:HA	1:128:A:LEU:HA	5	0.35
(11,1704)	1:107:A:LEU:H	1:111:A:GLU:HB2	8	0.35
(11,1704)	1:107:A:LEU:H	1:111:A:GLU:HB3	8	0.35
(11,1688)	1:69:A:MET:HE1	1:112:A:GLN:H	13	0.35
(11,1688)	1:69:A:MET:HE2	1:112:A:GLN:H	13	0.35
(11,1688)	1:69:A:MET:HE3	1:112:A:GLN:H	13	0.35
(11,1686)	1:46:A:ASN:HD22	1:134:A:VAL:HG21	2	0.35
(11,1686)	1:46:A:ASN:HD22	1:134:A:VAL:HG22	2	0.35
(11,1686)	1:46:A:ASN:HD22	1:134:A:VAL:HG23	2	0.35
(11,1647)	1:23:A:LEU:HB2	1:24:A:ASP:HA	7	0.35
(11,1647)	1:23:A:LEU:HB3	1:24:A:ASP:HA	7	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1644)	1:24:A:ASP:HA	1:27:A:ARG:HA	6	0.35
(11,1601)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	17	0.35
(11,1601)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	17	0.35
(11,1601)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	17	0.35
(11,1601)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	17	0.35
(11,1601)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	17	0.35
(11,1601)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	17	0.35
(11,1601)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	17	0.35
(11,1601)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	17	0.35
(11,1601)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	17	0.35
(11,1589)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	1	0.35
(11,1589)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	1	0.35
(11,1589)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	1	0.35
(11,1589)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	1	0.35
(11,1589)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	1	0.35
(11,1589)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	1	0.35
(11,1504)	1:101:A:ILE:HG21	1:103:A:ARG:HA	3	0.35
(11,1504)	1:101:A:ILE:HG22	1:103:A:ARG:HA	3	0.35
(11,1504)	1:101:A:ILE:HG23	1:103:A:ARG:HA	3	0.35
(11,1474)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	19	0.35
(11,1474)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	19	0.35
(11,1474)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	19	0.35
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG11	1	0.35
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG12	1	0.35
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG13	1	0.35
(11,1343)	1:107:A:LEU:HA	1:108:A:GLU:HG2	6	0.35
(11,1307)	1:68:A:LYS:HG2	1:70:A:LYS:H	13	0.35
(11,1307)	1:68:A:LYS:HG3	1:70:A:LYS:H	13	0.35
(11,1307)	1:68:A:LYS:HG2	1:70:A:LYS:H	17	0.35
(11,1307)	1:68:A:LYS:HG3	1:70:A:LYS:H	17	0.35
(11,1279)	1:23:A:LEU:HD11	1:25:A:ALA:H	8	0.35
(11,1279)	1:23:A:LEU:HD12	1:25:A:ALA:H	8	0.35
(11,1279)	1:23:A:LEU:HD13	1:25:A:ALA:H	8	0.35
(11,1128)	1:41:A:LYS:HA	1:41:A:LYS:HG2	4	0.35
(11,1041)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	19	0.35
(11,964)	1:15:A:ALA:HB1	1:43:A:MET:HB2	9	0.35
(11,964)	1:15:A:ALA:HB2	1:43:A:MET:HB2	9	0.35
(11,964)	1:15:A:ALA:HB3	1:43:A:MET:HB2	9	0.35
(11,949)	1:67:A:PRO:HA	1:70:A:LYS:HB2	16	0.35
(11,949)	1:67:A:PRO:HA	1:70:A:LYS:HB3	16	0.35
(11,934)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	5	0.35
(11,934)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	5	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,873)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	3	0.35
(11,873)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	3	0.35
(11,873)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	3	0.35
(11,807)	1:98:A:ILE:HD11	1:100:A:ALA:H	5	0.35
(11,807)	1:98:A:ILE:HD12	1:100:A:ALA:H	5	0.35
(11,807)	1:98:A:ILE:HD13	1:100:A:ALA:H	5	0.35
(11,742)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	6	0.35
(11,742)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	6	0.35
(11,657)	1:101:A:ILE:HB	1:103:A:ARG:H	7	0.35
(11,486)	1:13:A:ALA:HB1	1:79:A:THR:H	16	0.35
(11,486)	1:13:A:ALA:HB2	1:79:A:THR:H	16	0.35
(11,486)	1:13:A:ALA:HB3	1:79:A:THR:H	16	0.35
(11,472)	1:48:A:ARG:HA	1:53:A:THR:H	4	0.35
(11,264)	1:39:A:VAL:H	1:40:A:LEU:HB2	5	0.35
(11,77)	1:22:A:ASP:HA	1:23:A:LEU:H	8	0.35
(11,31)	1:35:A:LEU:H	1:35:A:LEU:HG	16	0.35
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	7	0.35
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	7	0.35
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	7	0.35
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	7	0.35
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	7	0.35
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	7	0.35
(9,2171)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	17	0.35
(9,2171)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	17	0.35
(9,2171)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	17	0.35
(9,2171)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	17	0.35
(9,2171)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	17	0.35
(9,2171)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	17	0.35
(9,2171)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	17	0.35
(9,2171)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	17	0.35
(9,2171)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	17	0.35
(9,2171)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	17	0.35
(9,2171)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	17	0.35
(9,2171)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	17	0.35
(9,2171)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	17	0.35
(9,2171)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	17	0.35
(9,2171)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	17	0.35
(9,2171)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	17	0.35
(9,2171)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	17	0.35
(9,2171)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	17	0.35
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG11	10	0.35
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG12	10	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG13	10	0.35
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG21	10	0.35
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG22	10	0.35
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG23	10	0.35
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG11	10	0.35
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG12	10	0.35
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG13	10	0.35
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG21	10	0.35
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG22	10	0.35
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG23	10	0.35
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG11	10	0.35
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG12	10	0.35
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG13	10	0.35
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG21	10	0.35
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG22	10	0.35
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG23	10	0.35
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG11	18	0.35
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG12	18	0.35
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG13	18	0.35
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG21	18	0.35
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG22	18	0.35
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG23	18	0.35
(9,2065)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	3	0.35
(9,2065)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	3	0.35
(9,2065)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	3	0.35
(9,2065)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	3	0.35
(9,2065)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	3	0.35
(9,2065)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	3	0.35
(9,1826)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	1	0.35
(9,1826)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	1	0.35
(9,1725)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	9	0.35
(9,1725)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	9	0.35
(9,1725)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	9	0.35
(9,1692)	1:43:A:MET:HE1	1:131:A:LEU:HA	1	0.35
(9,1692)	1:43:A:MET:HE2	1:131:A:LEU:HA	1	0.35
(9,1692)	1:43:A:MET:HE3	1:131:A:LEU:HA	1	0.35
(9,1669)	1:125:A:THR:HA	1:128:A:LEU:HA	5	0.35
(9,1661)	1:107:A:LEU:H	1:111:A:GLU:HB2	8	0.35
(9,1661)	1:107:A:LEU:H	1:111:A:GLU:HB3	8	0.35
(9,1646)	1:69:A:MET:HE1	1:112:A:GLN:H	13	0.35
(9,1646)	1:69:A:MET:HE2	1:112:A:GLN:H	13	0.35
(9,1646)	1:69:A:MET:HE3	1:112:A:GLN:H	13	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1635)	1:97:A:ASP:HB2	1:99:A:PRO:HA	19	0.35
(9,1635)	1:97:A:ASP:HB3	1:99:A:PRO:HA	19	0.35
(9,1555)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	1	0.35
(9,1555)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	1	0.35
(9,1555)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	1	0.35
(9,1555)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	1	0.35
(9,1555)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	1	0.35
(9,1555)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	1	0.35
(9,1510)	1:11:A:ILE:HG21	1:43:A:MET:HE1	16	0.35
(9,1510)	1:11:A:ILE:HG21	1:43:A:MET:HE2	16	0.35
(9,1510)	1:11:A:ILE:HG21	1:43:A:MET:HE3	16	0.35
(9,1510)	1:11:A:ILE:HG22	1:43:A:MET:HE1	16	0.35
(9,1510)	1:11:A:ILE:HG22	1:43:A:MET:HE2	16	0.35
(9,1510)	1:11:A:ILE:HG22	1:43:A:MET:HE3	16	0.35
(9,1510)	1:11:A:ILE:HG23	1:43:A:MET:HE1	16	0.35
(9,1510)	1:11:A:ILE:HG23	1:43:A:MET:HE2	16	0.35
(9,1510)	1:11:A:ILE:HG23	1:43:A:MET:HE3	16	0.35
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE1	10	0.35
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE2	10	0.35
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE3	10	0.35
(9,1474)	1:101:A:ILE:HG21	1:116:A:GLN:H	12	0.35
(9,1474)	1:101:A:ILE:HG22	1:116:A:GLN:H	12	0.35
(9,1474)	1:101:A:ILE:HG23	1:116:A:GLN:H	12	0.35
(9,1321)	1:107:A:LEU:HA	1:108:A:GLU:HG2	6	0.35
(9,1287)	1:66:A:THR:HG21	1:96:A:VAL:H	5	0.35
(9,1287)	1:66:A:THR:HG22	1:96:A:VAL:H	5	0.35
(9,1287)	1:66:A:THR:HG23	1:96:A:VAL:H	5	0.35
(9,1261)	1:23:A:LEU:HD11	1:25:A:ALA:H	8	0.35
(9,1261)	1:23:A:LEU:HD12	1:25:A:ALA:H	8	0.35
(9,1261)	1:23:A:LEU:HD13	1:25:A:ALA:H	8	0.35
(9,1170)	1:140:A:LEU:H	1:140:A:LEU:HD21	13	0.35
(9,1170)	1:140:A:LEU:H	1:140:A:LEU:HD22	13	0.35
(9,1170)	1:140:A:LEU:H	1:140:A:LEU:HD23	13	0.35
(9,1130)	1:57:A:LEU:HG	1:60:A:LEU:HD11	6	0.35
(9,1130)	1:57:A:LEU:HG	1:60:A:LEU:HD12	6	0.35
(9,1130)	1:57:A:LEU:HG	1:60:A:LEU:HD13	6	0.35
(9,1026)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	19	0.35
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB2	12	0.35
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB3	12	0.35
(9,958)	1:66:A:THR:H	1:96:A:VAL:HB	16	0.35
(9,910)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	8	0.35
(9,807)	1:98:A:ILE:HD11	1:100:A:ALA:H	5	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,807)	1:98:A:ILE:HD12	1:100:A:ALA:H	5	0.35
(9,807)	1:98:A:ILE:HD13	1:100:A:ALA:H	5	0.35
(9,703)	1:24:A:ASP:HA	1:27:A:ARG:HE	6	0.35
(9,674)	1:18:A:PHE:HB3	1:132:A:ALA:H	8	0.35
(9,653)	1:101:A:ILE:HB	1:103:A:ARG:H	7	0.35
(9,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	3	0.35
(9,491)	1:13:A:ALA:HB1	1:79:A:THR:H	16	0.35
(9,491)	1:13:A:ALA:HB2	1:79:A:THR:H	16	0.35
(9,491)	1:13:A:ALA:HB3	1:79:A:THR:H	16	0.35
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB1	13	0.35
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB2	13	0.35
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB3	13	0.35
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB1	15	0.35
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB2	15	0.35
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB3	15	0.35
(9,74)	1:22:A:ASP:HA	1:23:A:LEU:H	8	0.35
(7,2447)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	17	0.35
(7,2447)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	17	0.35
(7,2447)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	17	0.35
(7,2447)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	17	0.35
(7,2447)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	17	0.35
(7,2447)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	17	0.35
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD11	10	0.35
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD12	10	0.35
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD13	10	0.35
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD21	10	0.35
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD22	10	0.35
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD23	10	0.35
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD11	10	0.35
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD12	10	0.35
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD13	10	0.35
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD21	10	0.35
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD22	10	0.35
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD23	10	0.35
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD11	10	0.35
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD12	10	0.35
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD13	10	0.35
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD21	10	0.35
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD22	10	0.35
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD23	10	0.35
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD11	10	0.35
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD12	10	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD13	10	0.35
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD21	10	0.35
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD22	10	0.35
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD23	10	0.35
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD11	10	0.35
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD12	10	0.35
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD13	10	0.35
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD21	10	0.35
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD22	10	0.35
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD23	10	0.35
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD11	10	0.35
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD12	10	0.35
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD13	10	0.35
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD21	10	0.35
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD22	10	0.35
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD23	10	0.35
(7,2214)	1:65:A:CYS:HB2	1:69:A:MET:HE1	17	0.35
(7,2214)	1:65:A:CYS:HB2	1:69:A:MET:HE2	17	0.35
(7,2214)	1:65:A:CYS:HB2	1:69:A:MET:HE3	17	0.35
(7,2214)	1:65:A:CYS:HB3	1:69:A:MET:HE1	17	0.35
(7,2214)	1:65:A:CYS:HB3	1:69:A:MET:HE2	17	0.35
(7,2214)	1:65:A:CYS:HB3	1:69:A:MET:HE3	17	0.35
(7,2173)	1:57:A:LEU:HD11	1:60:A:LEU:HG	8	0.35
(7,2173)	1:57:A:LEU:HD12	1:60:A:LEU:HG	8	0.35
(7,2173)	1:57:A:LEU:HD13	1:60:A:LEU:HG	8	0.35
(7,2173)	1:57:A:LEU:HD21	1:60:A:LEU:HG	8	0.35
(7,2173)	1:57:A:LEU:HD22	1:60:A:LEU:HG	8	0.35
(7,2173)	1:57:A:LEU:HD23	1:60:A:LEU:HG	8	0.35
(7,2143)	1:47:A:ALA:HA	1:57:A:LEU:HD11	10	0.35
(7,2143)	1:47:A:ALA:HA	1:57:A:LEU:HD12	10	0.35
(7,2143)	1:47:A:ALA:HA	1:57:A:LEU:HD13	10	0.35
(7,2143)	1:47:A:ALA:HA	1:57:A:LEU:HD21	10	0.35
(7,2143)	1:47:A:ALA:HA	1:57:A:LEU:HD22	10	0.35
(7,2143)	1:47:A:ALA:HA	1:57:A:LEU:HD23	10	0.35
(7,2106)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	17	0.35
(7,2106)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	17	0.35
(7,2106)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	17	0.35
(7,2106)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	17	0.35
(7,2106)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	17	0.35
(7,2106)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	17	0.35
(7,2106)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	17	0.35
(7,2106)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	17	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2106)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	17	0.35
(7,2106)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	17	0.35
(7,2106)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	17	0.35
(7,2106)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	17	0.35
(7,2086)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	17	0.35
(7,2086)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	17	0.35
(7,2086)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	17	0.35
(7,2086)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	17	0.35
(7,2086)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	17	0.35
(7,2086)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	17	0.35
(7,2086)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	17	0.35
(7,2086)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	17	0.35
(7,2086)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	17	0.35
(7,2086)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	17	0.35
(7,2086)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	17	0.35
(7,2086)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	17	0.35
(7,2044)	1:35:A:LEU:HD11	1:39:A:VAL:HB	18	0.35
(7,2044)	1:35:A:LEU:HD12	1:39:A:VAL:HB	18	0.35
(7,2044)	1:35:A:LEU:HD13	1:39:A:VAL:HB	18	0.35
(7,2044)	1:35:A:LEU:HD21	1:39:A:VAL:HB	18	0.35
(7,2044)	1:35:A:LEU:HD22	1:39:A:VAL:HB	18	0.35
(7,2044)	1:35:A:LEU:HD23	1:39:A:VAL:HB	18	0.35
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD11	15	0.35
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD12	15	0.35
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD13	15	0.35
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD21	15	0.35
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD22	15	0.35
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD23	15	0.35
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG12	15	0.35
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG13	15	0.35
(7,1950)	1:14:A:VAL:HG11	1:62:A:HIS:H	12	0.35
(7,1950)	1:14:A:VAL:HG12	1:62:A:HIS:H	12	0.35
(7,1950)	1:14:A:VAL:HG13	1:62:A:HIS:H	12	0.35
(7,1950)	1:14:A:VAL:HG21	1:62:A:HIS:H	12	0.35
(7,1950)	1:14:A:VAL:HG22	1:62:A:HIS:H	12	0.35
(7,1950)	1:14:A:VAL:HG23	1:62:A:HIS:H	12	0.35
(7,1910)	1:10:A:ASN:HD21	1:80:A:TYR:H	18	0.35
(7,1910)	1:10:A:ASN:HD22	1:80:A:TYR:H	18	0.35
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	19	0.35
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	19	0.35
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	19	0.35
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	19	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	19	0.35
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	19	0.35
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	19	0.35
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	19	0.35
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	19	0.35
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	19	0.35
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	19	0.35
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	19	0.35
(7,1865)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	15	0.35
(7,1865)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	15	0.35
(7,1865)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	15	0.35
(7,1865)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	15	0.35
(7,1865)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	15	0.35
(7,1865)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	15	0.35
(7,1847)	1:14:A:VAL:HA	1:18:A:PHE:HD1	6	0.35
(7,1847)	1:14:A:VAL:HA	1:18:A:PHE:HD2	6	0.35
(7,1803)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	8	0.35
(7,1803)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	8	0.35
(7,1759)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	13	0.35
(7,1759)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	13	0.35
(7,1759)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	13	0.35
(7,1759)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	13	0.35
(7,1759)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	13	0.35
(7,1759)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	13	0.35
(7,1749)	1:80:A:TYR:HD1	1:81:A:GLU:HA	4	0.35
(7,1749)	1:80:A:TYR:HD2	1:81:A:GLU:HA	4	0.35
(7,1700)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	9	0.35
(7,1700)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	9	0.35
(7,1700)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	9	0.35
(7,1675)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	12	0.35
(7,1645)	1:125:A:THR:HA	1:128:A:LEU:HA	5	0.35
(7,1639)	1:107:A:LEU:H	1:111:A:GLU:HB2	8	0.35
(7,1639)	1:107:A:LEU:H	1:111:A:GLU:HB3	8	0.35
(7,1620)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	18	0.35
(7,1620)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	18	0.35
(7,1620)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	18	0.35
(7,1620)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	18	0.35
(7,1620)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	18	0.35
(7,1620)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	18	0.35
(7,1584)	1:24:A:ASP:HA	1:27:A:ARG:HA	6	0.35
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG21	5	0.35
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG22	5	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG23	5	0.35
(7,1554)	1:101:A:ILE:HD11	1:112:A:GLN:HA	12	0.35
(7,1554)	1:101:A:ILE:HD12	1:112:A:GLN:HA	12	0.35
(7,1554)	1:101:A:ILE:HD13	1:112:A:GLN:HA	12	0.35
(7,1543)	1:11:A:ILE:HD11	1:12:A:VAL:H	18	0.35
(7,1543)	1:11:A:ILE:HD12	1:12:A:VAL:H	18	0.35
(7,1543)	1:11:A:ILE:HD13	1:12:A:VAL:H	18	0.35
(7,1517)	1:63:A:ILE:HG21	1:69:A:MET:HE1	8	0.35
(7,1517)	1:63:A:ILE:HG21	1:69:A:MET:HE2	8	0.35
(7,1517)	1:63:A:ILE:HG21	1:69:A:MET:HE3	8	0.35
(7,1517)	1:63:A:ILE:HG22	1:69:A:MET:HE1	8	0.35
(7,1517)	1:63:A:ILE:HG22	1:69:A:MET:HE2	8	0.35
(7,1517)	1:63:A:ILE:HG22	1:69:A:MET:HE3	8	0.35
(7,1517)	1:63:A:ILE:HG23	1:69:A:MET:HE1	8	0.35
(7,1517)	1:63:A:ILE:HG23	1:69:A:MET:HE2	8	0.35
(7,1517)	1:63:A:ILE:HG23	1:69:A:MET:HE3	8	0.35
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE1	9	0.35
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE2	9	0.35
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE3	9	0.35
(7,1457)	1:101:A:ILE:HG21	1:116:A:GLN:H	12	0.35
(7,1457)	1:101:A:ILE:HG22	1:116:A:GLN:H	12	0.35
(7,1457)	1:101:A:ILE:HG23	1:116:A:GLN:H	12	0.35
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG11	18	0.35
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG12	18	0.35
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG13	18	0.35
(7,1247)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	1	0.35
(7,1247)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	1	0.35
(7,1247)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	1	0.35
(7,1247)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	1	0.35
(7,1247)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	1	0.35
(7,1247)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	1	0.35
(7,1239)	1:23:A:LEU:HD11	1:25:A:ALA:H	8	0.35
(7,1239)	1:23:A:LEU:HD12	1:25:A:ALA:H	8	0.35
(7,1239)	1:23:A:LEU:HD13	1:25:A:ALA:H	8	0.35
(7,1233)	1:23:A:LEU:HD11	1:24:A:ASP:H	5	0.35
(7,1233)	1:23:A:LEU:HD12	1:24:A:ASP:H	5	0.35
(7,1233)	1:23:A:LEU:HD13	1:24:A:ASP:H	5	0.35
(7,1233)	1:23:A:LEU:HD11	1:24:A:ASP:H	10	0.35
(7,1233)	1:23:A:LEU:HD12	1:24:A:ASP:H	10	0.35
(7,1233)	1:23:A:LEU:HD13	1:24:A:ASP:H	10	0.35
(7,1231)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	7	0.35
(7,1231)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	7	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1231)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	7	0.35
(7,1231)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	7	0.35
(7,1231)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	7	0.35
(7,1231)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	7	0.35
(7,1231)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	7	0.35
(7,1231)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	7	0.35
(7,1231)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	7	0.35
(7,1133)	1:13:A:ALA:HB1	1:80:A:TYR:HA	3	0.35
(7,1133)	1:13:A:ALA:HB2	1:80:A:TYR:HA	3	0.35
(7,1133)	1:13:A:ALA:HB3	1:80:A:TYR:HA	3	0.35
(7,952)	1:43:A:MET:HB2	1:140:A:LEU:HD11	16	0.35
(7,952)	1:43:A:MET:HB2	1:140:A:LEU:HD12	16	0.35
(7,952)	1:43:A:MET:HB2	1:140:A:LEU:HD13	16	0.35
(7,800)	1:98:A:ILE:HD11	1:100:A:ALA:H	5	0.35
(7,800)	1:98:A:ILE:HD12	1:100:A:ALA:H	5	0.35
(7,800)	1:98:A:ILE:HD13	1:100:A:ALA:H	5	0.35
(7,743)	1:43:A:MET:HE1	1:134:A:VAL:H	3	0.35
(7,743)	1:43:A:MET:HE2	1:134:A:VAL:H	3	0.35
(7,743)	1:43:A:MET:HE3	1:134:A:VAL:H	3	0.35
(7,733)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	6	0.35
(7,733)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	6	0.35
(7,731)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	2	0.35
(7,703)	1:24:A:ASP:HA	1:27:A:ARG:HE	6	0.35
(7,682)	1:145:A:PRO:HB2	1:148:A:CYS:H	3	0.35
(7,629)	1:9:A:PHE:HZ	1:58:A:ILE:H	10	0.35
(7,628)	1:9:A:PHE:HE1	1:58:A:ILE:H	7	0.35
(7,628)	1:9:A:PHE:HE2	1:58:A:ILE:H	7	0.35
(7,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	3	0.35
(7,584)	1:126:A:GLY:H	1:128:A:LEU:HB2	13	0.35
(7,474)	1:48:A:ARG:HA	1:53:A:THR:H	4	0.35
(7,297)	1:128:A:LEU:HB3	1:129:A:LYS:H	6	0.35
(7,150)	1:131:A:LEU:H	1:131:A:LEU:HG	16	0.35
(7,73)	1:22:A:ASP:HA	1:23:A:LEU:H	8	0.35
(7,44)	1:44:A:GLU:HG2	1:47:A:ALA:H	12	0.35
(7,42)	1:44:A:GLU:HG3	1:47:A:ALA:H	6	0.35
(6,2455)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	17	0.35
(6,2455)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	17	0.35
(6,2455)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	17	0.35
(6,2455)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	17	0.35
(6,2455)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	17	0.35
(6,2455)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	17	0.35
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG11	12	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG12	12	0.35
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG13	12	0.35
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG21	12	0.35
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG22	12	0.35
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG23	12	0.35
(6,2249)	1:69:A:MET:HG2	1:109:A:PRO:HA	17	0.35
(6,2249)	1:69:A:MET:HG3	1:109:A:PRO:HA	17	0.35
(6,2085)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	3	0.35
(6,2085)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	3	0.35
(6,2085)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	3	0.35
(6,2085)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	3	0.35
(6,2085)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	3	0.35
(6,2085)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	3	0.35
(6,2079)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	5	0.35
(6,2079)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	5	0.35
(6,2079)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	5	0.35
(6,2079)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	5	0.35
(6,2079)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	5	0.35
(6,2079)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	5	0.35
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD11	13	0.35
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD12	13	0.35
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD13	13	0.35
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD21	13	0.35
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD22	13	0.35
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD23	13	0.35
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD11	7	0.35
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD12	7	0.35
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD13	7	0.35
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD21	7	0.35
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD22	7	0.35
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD23	7	0.35
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	6	0.35
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	6	0.35
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	6	0.35
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG21	6	0.35
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG22	6	0.35
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG23	6	0.35
(6,1955)	1:10:A:ASN:HD21	1:80:A:TYR:H	18	0.35
(6,1955)	1:10:A:ASN:HD22	1:80:A:TYR:H	18	0.35
(6,1914)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	7	0.35
(6,1914)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	7	0.35
(6,1914)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	7	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1914)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	7	0.35
(6,1914)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	7	0.35
(6,1914)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	7	0.35
(6,1823)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	5	0.35
(6,1823)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	5	0.35
(6,1823)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	17	0.35
(6,1823)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	17	0.35
(6,1759)	1:36:A:PRO:HG2	1:37:A:LEU:HG	14	0.35
(6,1679)	1:125:A:THR:HA	1:128:A:LEU:HA	5	0.35
(6,1671)	1:107:A:LEU:H	1:111:A:GLU:HB2	8	0.35
(6,1671)	1:107:A:LEU:H	1:111:A:GLU:HB3	8	0.35
(6,1611)	1:24:A:ASP:HA	1:27:A:ARG:HA	6	0.35
(6,1577)	1:63:A:ILE:HD11	1:113:A:PHE:HA	13	0.35
(6,1577)	1:63:A:ILE:HD12	1:113:A:PHE:HA	13	0.35
(6,1577)	1:63:A:ILE:HD13	1:113:A:PHE:HA	13	0.35
(6,1532)	1:63:A:ILE:HG21	1:69:A:MET:HE1	8	0.35
(6,1532)	1:63:A:ILE:HG21	1:69:A:MET:HE2	8	0.35
(6,1532)	1:63:A:ILE:HG21	1:69:A:MET:HE3	8	0.35
(6,1532)	1:63:A:ILE:HG22	1:69:A:MET:HE1	8	0.35
(6,1532)	1:63:A:ILE:HG22	1:69:A:MET:HE2	8	0.35
(6,1532)	1:63:A:ILE:HG22	1:69:A:MET:HE3	8	0.35
(6,1532)	1:63:A:ILE:HG23	1:69:A:MET:HE1	8	0.35
(6,1532)	1:63:A:ILE:HG23	1:69:A:MET:HE2	8	0.35
(6,1532)	1:63:A:ILE:HG23	1:69:A:MET:HE3	8	0.35
(6,1455)	1:15:A:ALA:HB1	1:132:A:ALA:HA	5	0.35
(6,1455)	1:15:A:ALA:HB2	1:132:A:ALA:HA	5	0.35
(6,1455)	1:15:A:ALA:HB3	1:132:A:ALA:HA	5	0.35
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	14	0.35
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	14	0.35
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	14	0.35
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	14	0.35
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	14	0.35
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	14	0.35
(6,1319)	1:107:A:LEU:HA	1:108:A:GLU:HG2	6	0.35
(6,1318)	1:123:A:CYS:HB2	1:128:A:LEU:HD11	19	0.35
(6,1318)	1:123:A:CYS:HB2	1:128:A:LEU:HD12	19	0.35
(6,1318)	1:123:A:CYS:HB2	1:128:A:LEU:HD13	19	0.35
(6,1279)	1:66:A:THR:HG21	1:96:A:VAL:H	9	0.35
(6,1279)	1:66:A:THR:HG22	1:96:A:VAL:H	9	0.35
(6,1279)	1:66:A:THR:HG23	1:96:A:VAL:H	9	0.35
(6,1250)	1:23:A:LEU:HD11	1:25:A:ALA:H	8	0.35
(6,1250)	1:23:A:LEU:HD12	1:25:A:ALA:H	8	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1250)	1:23:A:LEU:HD13	1:25:A:ALA:H	8	0.35
(6,1159)	1:140:A:LEU:H	1:140:A:LEU:HD21	13	0.35
(6,1159)	1:140:A:LEU:H	1:140:A:LEU:HD22	13	0.35
(6,1159)	1:140:A:LEU:H	1:140:A:LEU:HD23	13	0.35
(6,1103)	1:41:A:LYS:HA	1:44:A:GLU:HG3	11	0.35
(6,956)	1:11:A:ILE:HG13	1:14:A:VAL:HB	6	0.35
(6,946)	1:66:A:THR:H	1:96:A:VAL:HB	11	0.35
(6,911)	1:125:A:THR:HB	1:128:A:LEU:HB2	7	0.35
(6,868)	1:123:A:CYS:HB3	1:128:A:LEU:HD11	13	0.35
(6,868)	1:123:A:CYS:HB3	1:128:A:LEU:HD12	13	0.35
(6,868)	1:123:A:CYS:HB3	1:128:A:LEU:HD13	13	0.35
(6,804)	1:98:A:ILE:HD11	1:100:A:ALA:H	5	0.35
(6,804)	1:98:A:ILE:HD12	1:100:A:ALA:H	5	0.35
(6,804)	1:98:A:ILE:HD13	1:100:A:ALA:H	5	0.35
(6,731)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	2	0.35
(6,673)	1:18:A:PHE:HB3	1:132:A:ALA:H	8	0.35
(6,481)	1:13:A:ALA:HB1	1:79:A:THR:H	16	0.35
(6,481)	1:13:A:ALA:HB2	1:79:A:THR:H	16	0.35
(6,481)	1:13:A:ALA:HB3	1:79:A:THR:H	16	0.35
(6,468)	1:48:A:ARG:HA	1:53:A:THR:H	4	0.35
(6,74)	1:22:A:ASP:HA	1:23:A:LEU:H	8	0.35
(5,2470)	1:144:A:LEU:HD11	1:147:A:ARG:HA	1	0.35
(5,2470)	1:144:A:LEU:HD12	1:147:A:ARG:HA	1	0.35
(5,2470)	1:144:A:LEU:HD13	1:147:A:ARG:HA	1	0.35
(5,2470)	1:144:A:LEU:HD21	1:147:A:ARG:HA	1	0.35
(5,2470)	1:144:A:LEU:HD22	1:147:A:ARG:HA	1	0.35
(5,2470)	1:144:A:LEU:HD23	1:147:A:ARG:HA	1	0.35
(5,2388)	1:125:A:THR:HB	1:129:A:LYS:HG2	9	0.35
(5,2388)	1:125:A:THR:HB	1:129:A:LYS:HG3	9	0.35
(5,2344)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	13	0.35
(5,2344)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	13	0.35
(5,2344)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	13	0.35
(5,2344)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	13	0.35
(5,2344)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	13	0.35
(5,2344)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	13	0.35
(5,2327)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	16	0.35
(5,2327)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	16	0.35
(5,2327)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	16	0.35
(5,2327)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	16	0.35
(5,2327)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	16	0.35
(5,2327)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	16	0.35
(5,2327)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	16	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2327)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	16	0.35
(5,2327)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	16	0.35
(5,2327)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	16	0.35
(5,2327)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	16	0.35
(5,2327)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	16	0.35
(5,2226)	1:65:A:CYS:HB2	1:70:A:LYS:HA	8	0.35
(5,2226)	1:65:A:CYS:HB3	1:70:A:LYS:HA	8	0.35
(5,2222)	1:65:A:CYS:HB2	1:66:A:THR:HG21	8	0.35
(5,2222)	1:65:A:CYS:HB2	1:66:A:THR:HG22	8	0.35
(5,2222)	1:65:A:CYS:HB2	1:66:A:THR:HG23	8	0.35
(5,2222)	1:65:A:CYS:HB3	1:66:A:THR:HG21	8	0.35
(5,2222)	1:65:A:CYS:HB3	1:66:A:THR:HG22	8	0.35
(5,2222)	1:65:A:CYS:HB3	1:66:A:THR:HG23	8	0.35
(5,2214)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	19	0.35
(5,2214)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	19	0.35
(5,2214)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	19	0.35
(5,2214)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	19	0.35
(5,2214)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	19	0.35
(5,2214)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	19	0.35
(5,2179)	1:55:A:GLY:H	1:122:A:ASP:HB2	5	0.35
(5,2179)	1:55:A:GLY:H	1:122:A:ASP:HB3	5	0.35
(5,2135)	1:43:A:MET:H	1:43:A:MET:HG2	11	0.35
(5,2135)	1:43:A:MET:H	1:43:A:MET:HG3	11	0.35
(5,2071)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	3	0.35
(5,2071)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	3	0.35
(5,2071)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	3	0.35
(5,2071)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	3	0.35
(5,2071)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	3	0.35
(5,2071)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	3	0.35
(5,2061)	1:35:A:LEU:HD11	1:39:A:VAL:HB	18	0.35
(5,2061)	1:35:A:LEU:HD12	1:39:A:VAL:HB	18	0.35
(5,2061)	1:35:A:LEU:HD13	1:39:A:VAL:HB	18	0.35
(5,2061)	1:35:A:LEU:HD21	1:39:A:VAL:HB	18	0.35
(5,2061)	1:35:A:LEU:HD22	1:39:A:VAL:HB	18	0.35
(5,2061)	1:35:A:LEU:HD23	1:39:A:VAL:HB	18	0.35
(5,2027)	1:23:A:LEU:HD11	1:24:A:ASP:H	12	0.35
(5,2027)	1:23:A:LEU:HD12	1:24:A:ASP:H	12	0.35
(5,2027)	1:23:A:LEU:HD13	1:24:A:ASP:H	12	0.35
(5,2027)	1:23:A:LEU:HD21	1:24:A:ASP:H	12	0.35
(5,2027)	1:23:A:LEU:HD22	1:24:A:ASP:H	12	0.35
(5,2027)	1:23:A:LEU:HD23	1:24:A:ASP:H	12	0.35
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD11	17	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD12	17	0.35
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD13	17	0.35
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD21	17	0.35
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD22	17	0.35
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD23	17	0.35
(5,1968)	1:11:A:ILE:HG21	1:43:A:MET:HG2	9	0.35
(5,1968)	1:11:A:ILE:HG21	1:43:A:MET:HG3	9	0.35
(5,1968)	1:11:A:ILE:HG22	1:43:A:MET:HG2	9	0.35
(5,1968)	1:11:A:ILE:HG22	1:43:A:MET:HG3	9	0.35
(5,1968)	1:11:A:ILE:HG23	1:43:A:MET:HG2	9	0.35
(5,1968)	1:11:A:ILE:HG23	1:43:A:MET:HG3	9	0.35
(5,1779)	1:36:A:PRO:HG2	1:37:A:LEU:HG	14	0.35
(5,1757)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	9	0.35
(5,1757)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	9	0.35
(5,1757)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	9	0.35
(5,1698)	1:125:A:THR:HA	1:128:A:LEU:HA	5	0.35
(5,1694)	1:110:A:MET:HB3	1:111:A:GLU:HB2	15	0.35
(5,1694)	1:110:A:MET:HB3	1:111:A:GLU:HB3	15	0.35
(5,1632)	1:23:A:LEU:HB2	1:24:A:ASP:HA	7	0.35
(5,1632)	1:23:A:LEU:HB3	1:24:A:ASP:HA	7	0.35
(5,1629)	1:24:A:ASP:HA	1:27:A:ARG:HA	6	0.35
(5,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	17	0.35
(5,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	17	0.35
(5,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	17	0.35
(5,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	15	0.35
(5,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	15	0.35
(5,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	15	0.35
(5,1584)	1:11:A:ILE:HD11	1:12:A:VAL:H	18	0.35
(5,1584)	1:11:A:ILE:HD12	1:12:A:VAL:H	18	0.35
(5,1584)	1:11:A:ILE:HD13	1:12:A:VAL:H	18	0.35
(5,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE1	8	0.35
(5,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE2	8	0.35
(5,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE3	8	0.35
(5,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE1	8	0.35
(5,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE2	8	0.35
(5,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE3	8	0.35
(5,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE1	8	0.35
(5,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE2	8	0.35
(5,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE3	8	0.35
(5,1531)	1:11:A:ILE:HG21	1:43:A:MET:HE1	16	0.35
(5,1531)	1:11:A:ILE:HG21	1:43:A:MET:HE2	16	0.35
(5,1531)	1:11:A:ILE:HG21	1:43:A:MET:HE3	16	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1531)	1:11:A:ILE:HG22	1:43:A:MET:HE1	16	0.35
(5,1531)	1:11:A:ILE:HG22	1:43:A:MET:HE2	16	0.35
(5,1531)	1:11:A:ILE:HG22	1:43:A:MET:HE3	16	0.35
(5,1531)	1:11:A:ILE:HG23	1:43:A:MET:HE1	16	0.35
(5,1531)	1:11:A:ILE:HG23	1:43:A:MET:HE2	16	0.35
(5,1531)	1:11:A:ILE:HG23	1:43:A:MET:HE3	16	0.35
(5,1519)	1:12:A:VAL:H	1:43:A:MET:HE1	11	0.35
(5,1519)	1:12:A:VAL:H	1:43:A:MET:HE2	11	0.35
(5,1519)	1:12:A:VAL:H	1:43:A:MET:HE3	11	0.35
(5,1496)	1:101:A:ILE:HG21	1:116:A:GLN:H	12	0.35
(5,1496)	1:101:A:ILE:HG22	1:116:A:GLN:H	12	0.35
(5,1496)	1:101:A:ILE:HG23	1:116:A:GLN:H	12	0.35
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	14	0.35
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	14	0.35
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	14	0.35
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	14	0.35
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	14	0.35
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	14	0.35
(5,1417)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	17	0.35
(5,1417)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	17	0.35
(5,1417)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	17	0.35
(5,1343)	1:107:A:LEU:HA	1:108:A:GLU:HG2	6	0.35
(5,1311)	1:66:A:THR:HG21	1:96:A:VAL:H	9	0.35
(5,1311)	1:66:A:THR:HG22	1:96:A:VAL:H	9	0.35
(5,1311)	1:66:A:THR:HG23	1:96:A:VAL:H	9	0.35
(5,1270)	1:23:A:LEU:HD11	1:25:A:ALA:H	8	0.35
(5,1270)	1:23:A:LEU:HD12	1:25:A:ALA:H	8	0.35
(5,1270)	1:23:A:LEU:HD13	1:25:A:ALA:H	8	0.35
(5,1264)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	7	0.35
(5,1264)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	7	0.35
(5,1264)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	7	0.35
(5,1264)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	7	0.35
(5,1264)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	7	0.35
(5,1264)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	7	0.35
(5,1264)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	7	0.35
(5,1264)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	7	0.35
(5,1264)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	7	0.35
(5,967)	1:11:A:ILE:HD11	1:43:A:MET:HB2	18	0.35
(5,967)	1:11:A:ILE:HD12	1:43:A:MET:HB2	18	0.35
(5,967)	1:11:A:ILE:HD13	1:43:A:MET:HB2	18	0.35
(5,928)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	5	0.35
(5,928)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	5	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,809)	1:98:A:ILE:HD11	1:100:A:ALA:H	5	0.35
(5,809)	1:98:A:ILE:HD12	1:100:A:ALA:H	5	0.35
(5,809)	1:98:A:ILE:HD13	1:100:A:ALA:H	5	0.35
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	5	0.35
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	5	0.35
(5,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	5	0.35
(5,737)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	6	0.35
(5,737)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	6	0.35
(5,736)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	2	0.35
(5,476)	1:13:A:ALA:HB1	1:79:A:THR:H	16	0.35
(5,476)	1:13:A:ALA:HB2	1:79:A:THR:H	16	0.35
(5,476)	1:13:A:ALA:HB3	1:79:A:THR:H	16	0.35
(5,463)	1:48:A:ARG:HA	1:53:A:THR:H	4	0.35
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD11	16	0.35
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD12	16	0.35
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD13	16	0.35
(5,67)	1:44:A:GLU:HB2	1:45:A:ALA:H	1	0.35
(5,67)	1:44:A:GLU:HB3	1:45:A:ALA:H	1	0.35
(5,67)	1:44:A:GLU:HB2	1:45:A:ALA:H	7	0.35
(5,67)	1:44:A:GLU:HB3	1:45:A:ALA:H	7	0.35
(5,67)	1:44:A:GLU:HB2	1:45:A:ALA:H	14	0.35
(5,67)	1:44:A:GLU:HB3	1:45:A:ALA:H	14	0.35
(5,67)	1:44:A:GLU:HB2	1:45:A:ALA:H	17	0.35
(5,67)	1:44:A:GLU:HB3	1:45:A:ALA:H	17	0.35
(4,2455)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	17	0.35
(4,2455)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	17	0.35
(4,2455)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	17	0.35
(4,2455)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	17	0.35
(4,2455)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	17	0.35
(4,2455)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	17	0.35
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD11	12	0.35
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD12	12	0.35
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD13	12	0.35
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD21	12	0.35
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD22	12	0.35
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD23	12	0.35
(4,2101)	1:39:A:VAL:HG11	1:43:A:MET:H	1	0.35
(4,2101)	1:39:A:VAL:HG12	1:43:A:MET:H	1	0.35
(4,2101)	1:39:A:VAL:HG13	1:43:A:MET:H	1	0.35
(4,2101)	1:39:A:VAL:HG21	1:43:A:MET:H	1	0.35
(4,2101)	1:39:A:VAL:HG22	1:43:A:MET:H	1	0.35
(4,2101)	1:39:A:VAL:HG23	1:43:A:MET:H	1	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2101)	1:39:A:VAL:HG11	1:43:A:MET:H	14	0.35
(4,2101)	1:39:A:VAL:HG12	1:43:A:MET:H	14	0.35
(4,2101)	1:39:A:VAL:HG13	1:43:A:MET:H	14	0.35
(4,2101)	1:39:A:VAL:HG21	1:43:A:MET:H	14	0.35
(4,2101)	1:39:A:VAL:HG22	1:43:A:MET:H	14	0.35
(4,2101)	1:39:A:VAL:HG23	1:43:A:MET:H	14	0.35
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD11	12	0.35
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD12	12	0.35
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD13	12	0.35
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD21	12	0.35
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD22	12	0.35
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD23	12	0.35
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD11	1	0.35
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD12	1	0.35
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD13	1	0.35
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD21	1	0.35
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD22	1	0.35
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD23	1	0.35
(4,1989)	1:14:A:VAL:HG11	1:62:A:HIS:H	12	0.35
(4,1989)	1:14:A:VAL:HG12	1:62:A:HIS:H	12	0.35
(4,1989)	1:14:A:VAL:HG13	1:62:A:HIS:H	12	0.35
(4,1989)	1:14:A:VAL:HG21	1:62:A:HIS:H	12	0.35
(4,1989)	1:14:A:VAL:HG22	1:62:A:HIS:H	12	0.35
(4,1989)	1:14:A:VAL:HG23	1:62:A:HIS:H	12	0.35
(4,1972)	1:14:A:VAL:HB	1:57:A:LEU:HD11	8	0.35
(4,1972)	1:14:A:VAL:HB	1:57:A:LEU:HD12	8	0.35
(4,1972)	1:14:A:VAL:HB	1:57:A:LEU:HD13	8	0.35
(4,1972)	1:14:A:VAL:HB	1:57:A:LEU:HD21	8	0.35
(4,1972)	1:14:A:VAL:HB	1:57:A:LEU:HD22	8	0.35
(4,1972)	1:14:A:VAL:HB	1:57:A:LEU:HD23	8	0.35
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD11	13	0.35
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD12	13	0.35
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD13	13	0.35
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD21	13	0.35
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD22	13	0.35
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD23	13	0.35
(4,1953)	1:12:A:VAL:HA	1:40:A:LEU:HD11	3	0.35
(4,1953)	1:12:A:VAL:HA	1:40:A:LEU:HD12	3	0.35
(4,1953)	1:12:A:VAL:HA	1:40:A:LEU:HD13	3	0.35
(4,1953)	1:12:A:VAL:HA	1:40:A:LEU:HD21	3	0.35
(4,1953)	1:12:A:VAL:HA	1:40:A:LEU:HD22	3	0.35
(4,1953)	1:12:A:VAL:HA	1:40:A:LEU:HD23	3	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD11	11	0.35
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD12	11	0.35
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD13	11	0.35
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD21	11	0.35
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD22	11	0.35
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD23	11	0.35
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	11	0.35
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	11	0.35
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	11	0.35
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD21	11	0.35
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD22	11	0.35
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD23	11	0.35
(4,1926)	1:10:A:ASN:HD21	1:80:A:TYR:H	18	0.35
(4,1926)	1:10:A:ASN:HD22	1:80:A:TYR:H	18	0.35
(4,1904)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	17	0.35
(4,1904)	1:9:A:PHE:HD1	1:11:A:ILE:HG13	17	0.35
(4,1904)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	17	0.35
(4,1904)	1:9:A:PHE:HD2	1:11:A:ILE:HG13	17	0.35
(4,1771)	1:72:A:PHE:HD1	1:109:A:PRO:HB2	10	0.35
(4,1771)	1:72:A:PHE:HD1	1:109:A:PRO:HB3	10	0.35
(4,1771)	1:72:A:PHE:HD2	1:109:A:PRO:HB2	10	0.35
(4,1771)	1:72:A:PHE:HD2	1:109:A:PRO:HB3	10	0.35
(4,1735)	1:36:A:PRO:HG2	1:37:A:LEU:HG	14	0.35
(4,1647)	1:107:A:LEU:H	1:111:A:GLU:HB2	8	0.35
(4,1647)	1:107:A:LEU:H	1:111:A:GLU:HB3	8	0.35
(4,1626)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	18	0.35
(4,1626)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	18	0.35
(4,1626)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	18	0.35
(4,1626)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	18	0.35
(4,1626)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	18	0.35
(4,1626)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	18	0.35
(4,1591)	1:24:A:ASP:HA	1:27:A:ARG:HA	6	0.35
(4,1550)	1:11:A:ILE:HD11	1:12:A:VAL:H	18	0.35
(4,1550)	1:11:A:ILE:HD12	1:12:A:VAL:H	18	0.35
(4,1550)	1:11:A:ILE:HD13	1:12:A:VAL:H	18	0.35
(4,1462)	1:101:A:ILE:HG21	1:115:A:ALA:HA	17	0.35
(4,1462)	1:101:A:ILE:HG22	1:115:A:ALA:HA	17	0.35
(4,1462)	1:101:A:ILE:HG23	1:115:A:ALA:HA	17	0.35
(4,1461)	1:101:A:ILE:HG21	1:116:A:GLN:H	12	0.35
(4,1461)	1:101:A:ILE:HG22	1:116:A:GLN:H	12	0.35
(4,1461)	1:101:A:ILE:HG23	1:116:A:GLN:H	12	0.35
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG11	1	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG12	1	0.35
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG13	1	0.35
(4,1306)	1:107:A:LEU:HA	1:108:A:GLU:HG2	6	0.35
(4,1242)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	1	0.35
(4,1242)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	1	0.35
(4,1242)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	1	0.35
(4,1242)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	1	0.35
(4,1242)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	1	0.35
(4,1242)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	1	0.35
(4,1095)	1:116:A:GLN:HA	1:116:A:GLN:HG3	6	0.35
(4,1093)	1:41:A:LYS:HA	1:44:A:GLU:HB2	18	0.35
(4,1093)	1:41:A:LYS:HA	1:44:A:GLU:HB3	18	0.35
(4,1036)	1:70:A:LYS:H	1:70:A:LYS:HD2	6	0.35
(4,838)	1:48:A:ARG:HA	1:48:A:ARG:HD2	18	0.35
(4,838)	1:48:A:ARG:HA	1:48:A:ARG:HD3	18	0.35
(4,740)	1:43:A:MET:HE1	1:134:A:VAL:H	3	0.35
(4,740)	1:43:A:MET:HE2	1:134:A:VAL:H	3	0.35
(4,740)	1:43:A:MET:HE3	1:134:A:VAL:H	3	0.35
(4,730)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	6	0.35
(4,730)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	6	0.35
(4,728)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	2	0.35
(4,583)	1:75:A:GLY:H	1:76:A:ARG:HB2	1	0.35
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB2	4	0.35
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB3	4	0.35
(4,477)	1:13:A:ALA:HB1	1:79:A:THR:H	16	0.35
(4,477)	1:13:A:ALA:HB2	1:79:A:THR:H	16	0.35
(4,477)	1:13:A:ALA:HB3	1:79:A:THR:H	16	0.35
(4,463)	1:48:A:ARG:HA	1:53:A:THR:H	4	0.35
(4,363)	1:40:A:LEU:HB3	1:41:A:LYS:H	19	0.35
(4,260)	1:39:A:VAL:H	1:40:A:LEU:HB2	5	0.35
(4,153)	1:50:A:ALA:HB1	1:127:A:CYS:H	19	0.35
(4,153)	1:50:A:ALA:HB2	1:127:A:CYS:H	19	0.35
(4,153)	1:50:A:ALA:HB3	1:127:A:CYS:H	19	0.35
(4,147)	1:131:A:LEU:H	1:131:A:LEU:HG	16	0.35
(4,76)	1:22:A:ASP:HA	1:23:A:LEU:H	8	0.35
(4,72)	1:44:A:GLU:HB2	1:45:A:ALA:H	1	0.35
(4,72)	1:44:A:GLU:HB3	1:45:A:ALA:H	1	0.35
(4,72)	1:44:A:GLU:HB2	1:45:A:ALA:H	7	0.35
(4,72)	1:44:A:GLU:HB3	1:45:A:ALA:H	7	0.35
(4,72)	1:44:A:GLU:HB2	1:45:A:ALA:H	14	0.35
(4,72)	1:44:A:GLU:HB3	1:45:A:ALA:H	14	0.35
(4,72)	1:44:A:GLU:HB2	1:45:A:ALA:H	17	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,72)	1:44:A:GLU:HB3	1:45:A:ALA:H	17	0.35
(4,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	14	0.35
(4,50)	1:44:A:GLU:HG2	1:47:A:ALA:H	12	0.35
(4,48)	1:44:A:GLU:HG3	1:47:A:ALA:H	6	0.35
(3,2491)	1:139:A:LEU:HD11	1:144:A:LEU:H	14	0.35
(3,2491)	1:139:A:LEU:HD12	1:144:A:LEU:H	14	0.35
(3,2491)	1:139:A:LEU:HD13	1:144:A:LEU:H	14	0.35
(3,2491)	1:139:A:LEU:HD21	1:144:A:LEU:H	14	0.35
(3,2491)	1:139:A:LEU:HD22	1:144:A:LEU:H	14	0.35
(3,2491)	1:139:A:LEU:HD23	1:144:A:LEU:H	14	0.35
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD11	9	0.35
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD12	9	0.35
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD13	9	0.35
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD21	9	0.35
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD22	9	0.35
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD23	9	0.35
(3,2240)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	17	0.35
(3,2240)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	17	0.35
(3,2240)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	17	0.35
(3,2240)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	17	0.35
(3,2240)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	17	0.35
(3,2240)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	17	0.35
(3,2240)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	17	0.35
(3,2240)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	17	0.35
(3,2240)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	17	0.35
(3,2240)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	17	0.35
(3,2240)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	17	0.35
(3,2240)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	17	0.35
(3,2240)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	17	0.35
(3,2240)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	17	0.35
(3,2240)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	17	0.35
(3,2240)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	17	0.35
(3,2240)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	17	0.35
(3,2240)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	17	0.35
(3,2233)	1:60:A:LEU:HD11	1:123:A:CYS:H	2	0.35
(3,2233)	1:60:A:LEU:HD12	1:123:A:CYS:H	2	0.35
(3,2233)	1:60:A:LEU:HD13	1:123:A:CYS:H	2	0.35
(3,2233)	1:60:A:LEU:HD21	1:123:A:CYS:H	2	0.35
(3,2233)	1:60:A:LEU:HD22	1:123:A:CYS:H	2	0.35
(3,2233)	1:60:A:LEU:HD23	1:123:A:CYS:H	2	0.35
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD11	11	0.35
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD12	11	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD13	11	0.35
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD21	11	0.35
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD22	11	0.35
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD23	11	0.35
(3,2113)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	3	0.35
(3,2113)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	3	0.35
(3,2113)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	3	0.35
(3,2113)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	3	0.35
(3,2113)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	3	0.35
(3,2113)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	3	0.35
(3,1971)	1:10:A:ASN:HD21	1:80:A:TYR:H	18	0.35
(3,1971)	1:10:A:ASN:HD22	1:80:A:TYR:H	18	0.35
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	17	0.35
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	17	0.35
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	17	0.35
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	17	0.35
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	17	0.35
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	17	0.35
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE1	13	0.35
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE2	13	0.35
(3,1905)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	15	0.35
(3,1905)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	15	0.35
(3,1905)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	15	0.35
(3,1905)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	15	0.35
(3,1904)	1:14:A:VAL:HA	1:18:A:PHE:HD1	18	0.35
(3,1904)	1:14:A:VAL:HA	1:18:A:PHE:HD2	18	0.35
(3,1872)	1:79:A:THR:HB	1:80:A:TYR:HE1	11	0.35
(3,1872)	1:79:A:THR:HB	1:80:A:TYR:HE2	11	0.35
(3,1786)	1:36:A:PRO:HG2	1:37:A:LEU:HG	14	0.35
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD21	11	0.35
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD22	11	0.35
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD23	11	0.35
(3,1705)	1:125:A:THR:HA	1:128:A:LEU:HA	5	0.35
(3,1686)	1:69:A:MET:HE1	1:112:A:GLN:H	13	0.35
(3,1686)	1:69:A:MET:HE2	1:112:A:GLN:H	13	0.35
(3,1686)	1:69:A:MET:HE3	1:112:A:GLN:H	13	0.35
(3,1645)	1:24:A:ASP:HA	1:27:A:ARG:HA	6	0.35
(3,1601)	1:11:A:ILE:HD11	1:12:A:VAL:H	18	0.35
(3,1601)	1:11:A:ILE:HD12	1:12:A:VAL:H	18	0.35
(3,1601)	1:11:A:ILE:HD13	1:12:A:VAL:H	18	0.35
(3,1422)	1:11:A:ILE:HG21	1:44:A:GLU:HB2	10	0.35
(3,1422)	1:11:A:ILE:HG21	1:44:A:GLU:HB3	10	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1422)	1:11:A:ILE:HG22	1:44:A:GLU:HB2	10	0.35
(3,1422)	1:11:A:ILE:HG22	1:44:A:GLU:HB3	10	0.35
(3,1422)	1:11:A:ILE:HG23	1:44:A:GLU:HB2	10	0.35
(3,1422)	1:11:A:ILE:HG23	1:44:A:GLU:HB3	10	0.35
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD11	14	0.35
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD12	14	0.35
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD13	14	0.35
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD11	14	0.35
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD12	14	0.35
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD13	14	0.35
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD11	14	0.35
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD12	14	0.35
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD13	14	0.35
(3,1315)	1:66:A:THR:HG21	1:96:A:VAL:H	9	0.35
(3,1315)	1:66:A:THR:HG22	1:96:A:VAL:H	9	0.35
(3,1315)	1:66:A:THR:HG23	1:96:A:VAL:H	9	0.35
(3,1040)	1:113:A:PHE:HA	1:116:A:GLN:HG3	18	0.35
(3,960)	1:67:A:PRO:HA	1:70:A:LYS:HB2	16	0.35
(3,960)	1:67:A:PRO:HA	1:70:A:LYS:HB3	16	0.35
(3,822)	1:98:A:ILE:HD11	1:100:A:ALA:H	5	0.35
(3,822)	1:98:A:ILE:HD12	1:100:A:ALA:H	5	0.35
(3,822)	1:98:A:ILE:HD13	1:100:A:ALA:H	5	0.35
(3,778)	1:101:A:ILE:HD11	1:118:A:ASP:HB3	11	0.35
(3,778)	1:101:A:ILE:HD12	1:118:A:ASP:HB3	11	0.35
(3,778)	1:101:A:ILE:HD13	1:118:A:ASP:HB3	11	0.35
(3,756)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	6	0.35
(3,756)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	6	0.35
(3,716)	1:24:A:ASP:HA	1:27:A:ARG:HE	6	0.35
(3,638)	1:9:A:PHE:HZ	1:58:A:ILE:H	10	0.35
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB2	4	0.35
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB3	4	0.35
(3,490)	1:13:A:ALA:HB1	1:79:A:THR:H	16	0.35
(3,490)	1:13:A:ALA:HB2	1:79:A:THR:H	16	0.35
(3,490)	1:13:A:ALA:HB3	1:79:A:THR:H	16	0.35
(3,475)	1:48:A:ARG:HA	1:53:A:THR:H	4	0.35
(3,345)	1:123:A:CYS:H	1:123:A:CYS:HB2	13	0.35
(3,343)	1:123:A:CYS:H	1:123:A:CYS:HB3	17	0.35
(3,264)	1:39:A:VAL:H	1:40:A:LEU:HB2	7	0.35
(3,149)	1:131:A:LEU:H	1:131:A:LEU:HG	16	0.35
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD11	2	0.35
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD12	2	0.35
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD13	2	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD11	15	0.35
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD12	15	0.35
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD13	15	0.35
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD11	16	0.35
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD12	16	0.35
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD13	16	0.35
(2,2456)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	10	0.35
(2,2456)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	10	0.35
(2,2456)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	10	0.35
(2,2456)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	10	0.35
(2,2456)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	10	0.35
(2,2456)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	10	0.35
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG11	3	0.35
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG12	3	0.35
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG13	3	0.35
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG21	3	0.35
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG22	3	0.35
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG23	3	0.35
(2,2251)	1:65:A:CYS:HB2	1:70:A:LYS:HA	8	0.35
(2,2251)	1:65:A:CYS:HB3	1:70:A:LYS:HA	8	0.35
(2,2228)	1:60:A:LEU:HD11	1:61:A:SER:HB2	9	0.35
(2,2228)	1:60:A:LEU:HD11	1:61:A:SER:HB3	9	0.35
(2,2228)	1:60:A:LEU:HD12	1:61:A:SER:HB2	9	0.35
(2,2228)	1:60:A:LEU:HD12	1:61:A:SER:HB3	9	0.35
(2,2228)	1:60:A:LEU:HD13	1:61:A:SER:HB2	9	0.35
(2,2228)	1:60:A:LEU:HD13	1:61:A:SER:HB3	9	0.35
(2,2101)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	3	0.35
(2,2101)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	3	0.35
(2,2101)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	3	0.35
(2,2101)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	3	0.35
(2,2101)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	3	0.35
(2,2101)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	3	0.35
(2,2095)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	5	0.35
(2,2095)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	5	0.35
(2,2095)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	5	0.35
(2,2095)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	5	0.35
(2,2095)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	5	0.35
(2,2095)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	5	0.35
(2,2092)	1:35:A:LEU:HD11	1:39:A:VAL:HB	18	0.35
(2,2092)	1:35:A:LEU:HD12	1:39:A:VAL:HB	18	0.35
(2,2092)	1:35:A:LEU:HD13	1:39:A:VAL:HB	18	0.35
(2,2092)	1:35:A:LEU:HD21	1:39:A:VAL:HB	18	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2092)	1:35:A:LEU:HD22	1:39:A:VAL:HB	18	0.35
(2,2092)	1:35:A:LEU:HD23	1:39:A:VAL:HB	18	0.35
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD11	9	0.35
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD12	9	0.35
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD13	9	0.35
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD21	9	0.35
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD22	9	0.35
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD23	9	0.35
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD11	9	0.35
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD12	9	0.35
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD13	9	0.35
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD21	9	0.35
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD22	9	0.35
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD23	9	0.35
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD11	16	0.35
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD12	16	0.35
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD13	16	0.35
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD21	16	0.35
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD22	16	0.35
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD23	16	0.35
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE1	1	0.35
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE2	1	0.35
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE3	1	0.35
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE1	1	0.35
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE2	1	0.35
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE3	1	0.35
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE1	1	0.35
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE2	1	0.35
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE3	1	0.35
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE1	1	0.35
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE2	1	0.35
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE3	1	0.35
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE1	1	0.35
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE2	1	0.35
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE3	1	0.35
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE1	1	0.35
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE2	1	0.35
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE3	1	0.35
(2,1927)	1:151:A:PHE:H	1:151:A:PHE:HD1	14	0.35
(2,1927)	1:151:A:PHE:H	1:151:A:PHE:HD2	14	0.35
(2,1898)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	14	0.35
(2,1898)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	14	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1898)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	14	0.35
(2,1898)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	14	0.35
(2,1898)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	14	0.35
(2,1898)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	14	0.35
(2,1871)	1:79:A:THR:HB	1:80:A:TYR:HE1	15	0.35
(2,1871)	1:79:A:THR:HB	1:80:A:TYR:HE2	15	0.35
(2,1806)	1:80:A:TYR:HD1	1:81:A:GLU:HA	4	0.35
(2,1806)	1:80:A:TYR:HD2	1:81:A:GLU:HA	4	0.35
(2,1782)	1:141:A:LYS:HA	1:144:A:LEU:HD21	10	0.35
(2,1782)	1:141:A:LYS:HA	1:144:A:LEU:HD22	10	0.35
(2,1782)	1:141:A:LYS:HA	1:144:A:LEU:HD23	10	0.35
(2,1772)	1:36:A:PRO:HG2	1:37:A:LEU:HG	14	0.35
(2,1751)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	9	0.35
(2,1751)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	9	0.35
(2,1751)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	9	0.35
(2,1671)	1:69:A:MET:HE1	1:112:A:GLN:H	13	0.35
(2,1671)	1:69:A:MET:HE2	1:112:A:GLN:H	13	0.35
(2,1671)	1:69:A:MET:HE3	1:112:A:GLN:H	13	0.35
(2,1640)	1:10:A:ASN:HB3	1:61:A:SER:HA	8	0.35
(2,1581)	1:11:A:ILE:HD11	1:12:A:VAL:H	18	0.35
(2,1581)	1:11:A:ILE:HD12	1:12:A:VAL:H	18	0.35
(2,1581)	1:11:A:ILE:HD13	1:12:A:VAL:H	18	0.35
(2,1573)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	1	0.35
(2,1573)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	1	0.35
(2,1573)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	1	0.35
(2,1573)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	1	0.35
(2,1573)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	1	0.35
(2,1573)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	1	0.35
(2,1485)	1:101:A:ILE:HG21	1:116:A:GLN:H	12	0.35
(2,1485)	1:101:A:ILE:HG22	1:116:A:GLN:H	12	0.35
(2,1485)	1:101:A:ILE:HG23	1:116:A:GLN:H	12	0.35
(2,1232)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	14	0.35
(2,1232)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	14	0.35
(2,1232)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	14	0.35
(2,1172)	1:128:A:LEU:HD11	1:129:A:LYS:H	8	0.35
(2,1172)	1:128:A:LEU:HD12	1:129:A:LYS:H	8	0.35
(2,1172)	1:128:A:LEU:HD13	1:129:A:LYS:H	8	0.35
(2,1145)	1:13:A:ALA:HB1	1:80:A:TYR:HA	15	0.35
(2,1145)	1:13:A:ALA:HB2	1:80:A:TYR:HA	15	0.35
(2,1145)	1:13:A:ALA:HB3	1:80:A:TYR:HA	15	0.35
(2,1056)	1:71:A:LYS:HG3	1:72:A:PHE:HA	16	0.35
(2,956)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	1	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,956)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	1	0.35
(2,951)	1:15:A:ALA:HB1	1:43:A:MET:HB2	9	0.35
(2,951)	1:15:A:ALA:HB2	1:43:A:MET:HB2	9	0.35
(2,951)	1:15:A:ALA:HB3	1:43:A:MET:HB2	9	0.35
(2,837)	1:8:A:ASP:H	1:54:A:ARG:HD2	14	0.35
(2,837)	1:8:A:ASP:H	1:54:A:ARG:HD3	14	0.35
(2,805)	1:98:A:ILE:HD11	1:100:A:ALA:H	5	0.35
(2,805)	1:98:A:ILE:HD12	1:100:A:ALA:H	5	0.35
(2,805)	1:98:A:ILE:HD13	1:100:A:ALA:H	5	0.35
(2,736)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	2	0.35
(2,706)	1:24:A:ASP:HA	1:27:A:ARG:HE	6	0.35
(2,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	3	0.35
(2,484)	1:13:A:ALA:HB1	1:79:A:THR:H	16	0.35
(2,484)	1:13:A:ALA:HB2	1:79:A:THR:H	16	0.35
(2,484)	1:13:A:ALA:HB3	1:79:A:THR:H	16	0.35
(2,340)	1:123:A:CYS:H	1:123:A:CYS:HB2	13	0.35
(2,338)	1:123:A:CYS:H	1:123:A:CYS:HB3	17	0.35
(2,245)	1:58:A:ILE:H	1:58:A:ILE:HG13	17	0.35
(2,73)	1:22:A:ASP:HA	1:23:A:LEU:H	8	0.35
(1,2426)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	17	0.35
(1,2426)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	17	0.35
(1,2426)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	17	0.35
(1,2426)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	17	0.35
(1,2426)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	17	0.35
(1,2426)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	17	0.35
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	5	0.35
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	5	0.35
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	5	0.35
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	5	0.35
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	5	0.35
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	5	0.35
(1,2253)	1:79:A:THR:HG21	1:81:A:GLU:HB2	3	0.35
(1,2253)	1:79:A:THR:HG21	1:81:A:GLU:HB3	3	0.35
(1,2253)	1:79:A:THR:HG22	1:81:A:GLU:HB2	3	0.35
(1,2253)	1:79:A:THR:HG22	1:81:A:GLU:HB3	3	0.35
(1,2253)	1:79:A:THR:HG23	1:81:A:GLU:HB2	3	0.35
(1,2253)	1:79:A:THR:HG23	1:81:A:GLU:HB3	3	0.35
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD11	14	0.35
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD12	14	0.35
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD13	14	0.35
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD21	14	0.35
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD22	14	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD23	14	0.35
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD11	15	0.35
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD12	15	0.35
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD13	15	0.35
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD21	15	0.35
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD22	15	0.35
(1,2185)	1:60:A:LEU:HA	1:60:A:LEU:HD23	15	0.35
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD11	3	0.35
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD12	3	0.35
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD13	3	0.35
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD21	3	0.35
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD22	3	0.35
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD23	3	0.35
(1,2105)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	17	0.35
(1,2105)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	17	0.35
(1,2105)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	17	0.35
(1,2105)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	17	0.35
(1,2105)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	17	0.35
(1,2105)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	17	0.35
(1,2105)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	17	0.35
(1,2105)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	17	0.35
(1,2105)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	17	0.35
(1,2105)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	17	0.35
(1,2105)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	17	0.35
(1,2105)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	17	0.35
(1,2103)	1:39:A:VAL:HG11	1:43:A:MET:HB2	10	0.35
(1,2103)	1:39:A:VAL:HG12	1:43:A:MET:HB2	10	0.35
(1,2103)	1:39:A:VAL:HG13	1:43:A:MET:HB2	10	0.35
(1,2103)	1:39:A:VAL:HG21	1:43:A:MET:HB2	10	0.35
(1,2103)	1:39:A:VAL:HG22	1:43:A:MET:HB2	10	0.35
(1,2103)	1:39:A:VAL:HG23	1:43:A:MET:HB2	10	0.35
(1,2081)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	3	0.35
(1,2081)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	3	0.35
(1,2081)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	3	0.35
(1,2081)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	3	0.35
(1,2081)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	3	0.35
(1,2081)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	3	0.35
(1,2073)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	5	0.35
(1,2073)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	5	0.35
(1,2073)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	5	0.35
(1,2073)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	5	0.35
(1,2073)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	5	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2073)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	5	0.35
(1,1912)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	15	0.35
(1,1912)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	15	0.35
(1,1912)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	15	0.35
(1,1912)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	15	0.35
(1,1912)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	15	0.35
(1,1912)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	15	0.35
(1,1830)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	1	0.35
(1,1830)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	1	0.35
(1,1830)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	2	0.35
(1,1830)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	2	0.35
(1,1769)	1:36:A:PRO:HG2	1:37:A:LEU:HG	14	0.35
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG21	8	0.35
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG22	8	0.35
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG23	8	0.35
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG21	8	0.35
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG22	8	0.35
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG23	8	0.35
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG21	8	0.35
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG22	8	0.35
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG23	8	0.35
(1,1722)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	12	0.35
(1,1689)	1:125:A:THR:HA	1:128:A:LEU:HA	5	0.35
(1,1684)	1:110:A:MET:HB3	1:111:A:GLU:HB2	15	0.35
(1,1684)	1:110:A:MET:HB3	1:111:A:GLU:HB3	15	0.35
(1,1681)	1:107:A:LEU:H	1:111:A:GLU:HB2	8	0.35
(1,1681)	1:107:A:LEU:H	1:111:A:GLU:HB3	8	0.35
(1,1666)	1:69:A:MET:HE1	1:112:A:GLN:H	13	0.35
(1,1666)	1:69:A:MET:HE2	1:112:A:GLN:H	13	0.35
(1,1666)	1:69:A:MET:HE3	1:112:A:GLN:H	13	0.35
(1,1660)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	18	0.35
(1,1660)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	18	0.35
(1,1660)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	18	0.35
(1,1660)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	18	0.35
(1,1660)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	18	0.35
(1,1660)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	18	0.35
(1,1640)	1:79:A:THR:H	1:80:A:TYR:HA	15	0.35
(1,1629)	1:23:A:LEU:HB2	1:24:A:ASP:HA	7	0.35
(1,1629)	1:23:A:LEU:HB3	1:24:A:ASP:HA	7	0.35
(1,1616)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	17	0.35
(1,1616)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	17	0.35
(1,1616)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	17	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	15	0.35
(1,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	15	0.35
(1,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	15	0.35
(1,1591)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	4	0.35
(1,1591)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	4	0.35
(1,1591)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	4	0.35
(1,1581)	1:11:A:ILE:HD11	1:12:A:VAL:H	18	0.35
(1,1581)	1:11:A:ILE:HD12	1:12:A:VAL:H	18	0.35
(1,1581)	1:11:A:ILE:HD13	1:12:A:VAL:H	18	0.35
(1,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE1	16	0.35
(1,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE2	16	0.35
(1,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE3	16	0.35
(1,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE1	16	0.35
(1,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE2	16	0.35
(1,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE3	16	0.35
(1,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE1	16	0.35
(1,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE2	16	0.35
(1,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE3	16	0.35
(1,1514)	1:43:A:MET:HA	1:43:A:MET:HE1	8	0.35
(1,1514)	1:43:A:MET:HA	1:43:A:MET:HE2	8	0.35
(1,1514)	1:43:A:MET:HA	1:43:A:MET:HE3	8	0.35
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE1	3	0.35
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE2	3	0.35
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE3	3	0.35
(1,1489)	1:101:A:ILE:HG21	1:115:A:ALA:HA	17	0.35
(1,1489)	1:101:A:ILE:HG22	1:115:A:ALA:HA	17	0.35
(1,1489)	1:101:A:ILE:HG23	1:115:A:ALA:HA	17	0.35
(1,1402)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	17	0.35
(1,1402)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	17	0.35
(1,1402)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	17	0.35
(1,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	18	0.35
(1,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	18	0.35
(1,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	18	0.35
(1,1295)	1:66:A:THR:HG21	1:96:A:VAL:H	9	0.35
(1,1295)	1:66:A:THR:HG22	1:96:A:VAL:H	9	0.35
(1,1295)	1:66:A:THR:HG23	1:96:A:VAL:H	9	0.35
(1,1271)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	1	0.35
(1,1271)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	1	0.35
(1,1271)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	1	0.35
(1,1271)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	1	0.35
(1,1271)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	1	0.35
(1,1271)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	1	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1256)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	7	0.35
(1,1256)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	7	0.35
(1,1256)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	7	0.35
(1,1256)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	7	0.35
(1,1256)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	7	0.35
(1,1256)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	7	0.35
(1,1256)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	7	0.35
(1,1256)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	7	0.35
(1,1256)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	7	0.35
(1,1181)	1:43:A:MET:HB2	1:140:A:LEU:HD21	4	0.35
(1,1181)	1:43:A:MET:HB2	1:140:A:LEU:HD22	4	0.35
(1,1181)	1:43:A:MET:HB2	1:140:A:LEU:HD23	4	0.35
(1,1161)	1:13:A:ALA:HB1	1:80:A:TYR:HA	3	0.35
(1,1161)	1:13:A:ALA:HB2	1:80:A:TYR:HA	3	0.35
(1,1161)	1:13:A:ALA:HB3	1:80:A:TYR:HA	3	0.35
(1,1010)	1:102:A:PRO:HA	1:105:A:LYS:HB2	12	0.35
(1,1010)	1:102:A:PRO:HA	1:105:A:LYS:HB3	12	0.35
(1,989)	1:43:A:MET:HB2	1:140:A:LEU:HD11	19	0.35
(1,989)	1:43:A:MET:HB2	1:140:A:LEU:HD12	19	0.35
(1,989)	1:43:A:MET:HB2	1:140:A:LEU:HD13	19	0.35
(1,978)	1:66:A:THR:H	1:96:A:VAL:HB	11	0.35
(1,964)	1:67:A:PRO:HA	1:70:A:LYS:HB2	16	0.35
(1,964)	1:67:A:PRO:HA	1:70:A:LYS:HB3	16	0.35
(1,940)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	5	0.35
(1,940)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	5	0.35
(1,940)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	5	0.35
(1,488)	1:13:A:ALA:HB1	1:79:A:THR:H	16	0.35
(1,488)	1:13:A:ALA:HB2	1:79:A:THR:H	16	0.35
(1,488)	1:13:A:ALA:HB3	1:79:A:THR:H	16	0.35
(1,475)	1:48:A:ARG:HA	1:53:A:THR:H	4	0.35
(1,348)	1:123:A:CYS:H	1:123:A:CYS:HB2	13	0.35
(1,346)	1:123:A:CYS:H	1:123:A:CYS:HB3	17	0.35
(1,253)	1:58:A:ILE:H	1:58:A:ILE:HG13	17	0.35
(1,160)	1:131:A:LEU:H	1:131:A:LEU:HG	16	0.35
(1,82)	1:23:A:LEU:H	1:26:A:ASP:HB2	17	0.35
(1,82)	1:23:A:LEU:H	1:26:A:ASP:HB3	17	0.35
(1,58)	1:98:A:ILE:H	1:101:A:ILE:HG13	14	0.35
(1,32)	1:35:A:LEU:H	1:35:A:LEU:HG	16	0.35
(34,2463)	1:139:A:LEU:HB2	1:140:A:LEU:HD11	17	0.34
(34,2463)	1:139:A:LEU:HB2	1:140:A:LEU:HD12	17	0.34
(34,2463)	1:139:A:LEU:HB2	1:140:A:LEU:HD13	17	0.34
(34,2463)	1:139:A:LEU:HB2	1:140:A:LEU:HD21	17	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2463)	1:139:A:LEU:HB2	1:140:A:LEU:HD22	17	0.34
(34,2463)	1:139:A:LEU:HB2	1:140:A:LEU:HD23	17	0.34
(34,2463)	1:139:A:LEU:HB3	1:140:A:LEU:HD11	17	0.34
(34,2463)	1:139:A:LEU:HB3	1:140:A:LEU:HD12	17	0.34
(34,2463)	1:139:A:LEU:HB3	1:140:A:LEU:HD13	17	0.34
(34,2463)	1:139:A:LEU:HB3	1:140:A:LEU:HD21	17	0.34
(34,2463)	1:139:A:LEU:HB3	1:140:A:LEU:HD22	17	0.34
(34,2463)	1:139:A:LEU:HB3	1:140:A:LEU:HD23	17	0.34
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG11	12	0.34
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG12	12	0.34
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG13	12	0.34
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG21	12	0.34
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG22	12	0.34
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG23	12	0.34
(34,2287)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	12	0.34
(34,2287)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	12	0.34
(34,2287)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	12	0.34
(34,2287)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	12	0.34
(34,2287)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	12	0.34
(34,2287)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	12	0.34
(34,2287)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	12	0.34
(34,2287)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	12	0.34
(34,2287)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	12	0.34
(34,2287)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	12	0.34
(34,2287)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	12	0.34
(34,2287)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	12	0.34
(34,2202)	1:57:A:LEU:HD11	1:60:A:LEU:HG	3	0.34
(34,2202)	1:57:A:LEU:HD12	1:60:A:LEU:HG	3	0.34
(34,2202)	1:57:A:LEU:HD13	1:60:A:LEU:HG	3	0.34
(34,2202)	1:57:A:LEU:HD21	1:60:A:LEU:HG	3	0.34
(34,2202)	1:57:A:LEU:HD22	1:60:A:LEU:HG	3	0.34
(34,2202)	1:57:A:LEU:HD23	1:60:A:LEU:HG	3	0.34
(34,2137)	1:40:A:LEU:HD11	1:43:A:MET:H	7	0.34
(34,2137)	1:40:A:LEU:HD12	1:43:A:MET:H	7	0.34
(34,2137)	1:40:A:LEU:HD13	1:43:A:MET:H	7	0.34
(34,2137)	1:40:A:LEU:HD21	1:43:A:MET:H	7	0.34
(34,2137)	1:40:A:LEU:HD22	1:43:A:MET:H	7	0.34
(34,2137)	1:40:A:LEU:HD23	1:43:A:MET:H	7	0.34
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD11	13	0.34
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD12	13	0.34
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD13	13	0.34
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD21	13	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD22	13	0.34
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD23	13	0.34
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD11	8	0.34
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD12	8	0.34
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD13	8	0.34
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD21	8	0.34
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD22	8	0.34
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD23	8	0.34
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD11	8	0.34
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD12	8	0.34
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD13	8	0.34
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD21	8	0.34
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD22	8	0.34
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD23	8	0.34
(34,2028)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	19	0.34
(34,2028)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	19	0.34
(34,2028)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	19	0.34
(34,2028)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	19	0.34
(34,2028)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	19	0.34
(34,2028)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	19	0.34
(34,2028)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	19	0.34
(34,2028)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	19	0.34
(34,2028)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	19	0.34
(34,2028)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	19	0.34
(34,2028)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	19	0.34
(34,2028)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	19	0.34
(34,1996)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	14	0.34
(34,1996)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	14	0.34
(34,1996)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	14	0.34
(34,1996)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	14	0.34
(34,1996)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	14	0.34
(34,1996)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	14	0.34
(34,1996)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	14	0.34
(34,1996)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	14	0.34
(34,1996)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	14	0.34
(34,1996)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	14	0.34
(34,1996)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	14	0.34
(34,1996)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	14	0.34
(34,1991)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	18	0.34
(34,1991)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	18	0.34
(34,1991)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	18	0.34
(34,1991)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	18	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1991)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	18	0.34
(34,1991)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	18	0.34
(34,1991)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	18	0.34
(34,1991)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	18	0.34
(34,1991)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	18	0.34
(34,1991)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	18	0.34
(34,1991)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	18	0.34
(34,1991)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	18	0.34
(34,1991)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	18	0.34
(34,1991)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	18	0.34
(34,1991)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	18	0.34
(34,1991)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	18	0.34
(34,1991)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	18	0.34
(34,1991)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	18	0.34
(34,1962)	1:11:A:ILE:HG12	1:57:A:LEU:HD11	18	0.34
(34,1962)	1:11:A:ILE:HG12	1:57:A:LEU:HD12	18	0.34
(34,1962)	1:11:A:ILE:HG12	1:57:A:LEU:HD13	18	0.34
(34,1962)	1:11:A:ILE:HG12	1:57:A:LEU:HD21	18	0.34
(34,1962)	1:11:A:ILE:HG12	1:57:A:LEU:HD22	18	0.34
(34,1962)	1:11:A:ILE:HG12	1:57:A:LEU:HD23	18	0.34
(34,1916)	1:80:A:TYR:HE1	1:81:A:GLU:H	4	0.34
(34,1916)	1:80:A:TYR:HE2	1:81:A:GLU:H	4	0.34
(34,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	11	0.34
(34,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	11	0.34
(34,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	11	0.34
(34,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	11	0.34
(34,1872)	1:9:A:PHE:HE1	1:54:A:ARG:HE	14	0.34
(34,1872)	1:9:A:PHE:HE2	1:54:A:ARG:HE	14	0.34
(34,1779)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	3	0.34
(34,1779)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	3	0.34
(34,1779)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	3	0.34
(34,1665)	1:132:A:ALA:HA	1:134:A:VAL:HG21	11	0.34
(34,1665)	1:132:A:ALA:HA	1:134:A:VAL:HG22	11	0.34
(34,1665)	1:132:A:ALA:HA	1:134:A:VAL:HG23	11	0.34
(34,1655)	1:31:A:PRO:HD3	1:140:A:LEU:HA	13	0.34
(34,1586)	1:11:A:ILE:HD11	1:43:A:MET:HB2	15	0.34
(34,1586)	1:11:A:ILE:HD12	1:43:A:MET:HB2	15	0.34
(34,1586)	1:11:A:ILE:HD13	1:43:A:MET:HB2	15	0.34
(34,1584)	1:11:A:ILE:HD11	1:14:A:VAL:H	14	0.34
(34,1584)	1:11:A:ILE:HD12	1:14:A:VAL:H	14	0.34
(34,1584)	1:11:A:ILE:HD13	1:14:A:VAL:H	14	0.34
(34,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE1	17	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE2	17	0.34
(34,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE3	17	0.34
(34,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE1	17	0.34
(34,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE2	17	0.34
(34,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE3	17	0.34
(34,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE1	17	0.34
(34,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE2	17	0.34
(34,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE3	17	0.34
(34,1491)	1:101:A:ILE:HG21	1:115:A:ALA:H	12	0.34
(34,1491)	1:101:A:ILE:HG22	1:115:A:ALA:H	12	0.34
(34,1491)	1:101:A:ILE:HG23	1:115:A:ALA:H	12	0.34
(34,1463)	1:47:A:ALA:HA	1:50:A:ALA:HB1	6	0.34
(34,1463)	1:47:A:ALA:HA	1:50:A:ALA:HB2	6	0.34
(34,1463)	1:47:A:ALA:HA	1:50:A:ALA:HB3	6	0.34
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	4	0.34
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	4	0.34
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	4	0.34
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	4	0.34
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	4	0.34
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	4	0.34
(34,1394)	1:132:A:ALA:HA	1:134:A:VAL:HG11	9	0.34
(34,1394)	1:132:A:ALA:HA	1:134:A:VAL:HG12	9	0.34
(34,1394)	1:132:A:ALA:HA	1:134:A:VAL:HG13	9	0.34
(34,1390)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	12	0.34
(34,1390)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	12	0.34
(34,1390)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	12	0.34
(34,1358)	1:105:A:LYS:HB2	1:106:A:ASP:HA	3	0.34
(34,1358)	1:105:A:LYS:HB3	1:106:A:ASP:HA	3	0.34
(34,1358)	1:105:A:LYS:HB2	1:106:A:ASP:HA	12	0.34
(34,1358)	1:105:A:LYS:HB3	1:106:A:ASP:HA	12	0.34
(34,1318)	1:66:A:THR:HG21	1:96:A:VAL:H	1	0.34
(34,1318)	1:66:A:THR:HG22	1:96:A:VAL:H	1	0.34
(34,1318)	1:66:A:THR:HG23	1:96:A:VAL:H	1	0.34
(34,1217)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	8	0.34
(34,1217)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	8	0.34
(34,1217)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	8	0.34
(34,1214)	1:23:A:LEU:HD21	1:24:A:ASP:H	12	0.34
(34,1214)	1:23:A:LEU:HD22	1:24:A:ASP:H	12	0.34
(34,1214)	1:23:A:LEU:HD23	1:24:A:ASP:H	12	0.34
(34,1179)	1:37:A:LEU:HA	1:40:A:LEU:HB3	11	0.34
(34,1179)	1:37:A:LEU:HA	1:40:A:LEU:HB3	19	0.34
(34,1096)	1:140:A:LEU:H	1:140:A:LEU:HG	4	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1094)	1:66:A:THR:HG21	1:95:A:ILE:HA	15	0.34
(34,1094)	1:66:A:THR:HG22	1:95:A:ILE:HA	15	0.34
(34,1094)	1:66:A:THR:HG23	1:95:A:ILE:HA	15	0.34
(34,1025)	1:31:A:PRO:HA	1:32:A:GLY:H	11	0.34
(34,929)	1:20:A:THR:HB	1:21:A:THR:H	8	0.34
(34,912)	1:79:A:THR:HB	1:80:A:TYR:HD1	11	0.34
(34,912)	1:79:A:THR:HB	1:80:A:TYR:HD2	11	0.34
(34,649)	1:66:A:THR:H	1:69:A:MET:HA	6	0.34
(34,594)	1:126:A:GLY:H	1:128:A:LEU:HB2	12	0.34
(34,594)	1:126:A:GLY:H	1:128:A:LEU:HB2	18	0.34
(34,579)	1:98:A:ILE:HD11	1:116:A:GLN:H	10	0.34
(34,579)	1:98:A:ILE:HD12	1:116:A:GLN:H	10	0.34
(34,579)	1:98:A:ILE:HD13	1:116:A:GLN:H	10	0.34
(34,552)	1:60:A:LEU:HD21	1:61:A:SER:H	8	0.34
(34,552)	1:60:A:LEU:HD22	1:61:A:SER:H	8	0.34
(34,552)	1:60:A:LEU:HD23	1:61:A:SER:H	8	0.34
(34,495)	1:13:A:ALA:HB1	1:79:A:THR:H	4	0.34
(34,495)	1:13:A:ALA:HB2	1:79:A:THR:H	4	0.34
(34,495)	1:13:A:ALA:HB3	1:79:A:THR:H	4	0.34
(34,431)	1:125:A:THR:H	1:125:A:THR:HG21	6	0.34
(34,431)	1:125:A:THR:H	1:125:A:THR:HG22	6	0.34
(34,431)	1:125:A:THR:H	1:125:A:THR:HG23	6	0.34
(34,294)	1:50:A:ALA:HB1	1:52:A:CYS:H	9	0.34
(34,294)	1:50:A:ALA:HB2	1:52:A:CYS:H	9	0.34
(34,294)	1:50:A:ALA:HB3	1:52:A:CYS:H	9	0.34
(34,253)	1:58:A:ILE:H	1:58:A:ILE:HG13	12	0.34
(34,136)	1:13:A:ALA:HB1	1:80:A:TYR:H	6	0.34
(34,136)	1:13:A:ALA:HB2	1:80:A:TYR:H	6	0.34
(34,136)	1:13:A:ALA:HB3	1:80:A:TYR:H	6	0.34
(34,135)	1:41:A:LYS:HG3	1:42:A:GLU:H	19	0.34
(34,64)	1:81:A:GLU:H	1:81:A:GLU:HG2	6	0.34
(34,64)	1:81:A:GLU:H	1:81:A:GLU:HG3	6	0.34
(33,2428)	1:129:A:LYS:HG2	1:130:A:GLY:H	19	0.34
(33,2428)	1:129:A:LYS:HG3	1:130:A:GLY:H	19	0.34
(33,2254)	1:69:A:MET:HG2	1:73:A:ILE:HD11	3	0.34
(33,2254)	1:69:A:MET:HG2	1:73:A:ILE:HD12	3	0.34
(33,2254)	1:69:A:MET:HG2	1:73:A:ILE:HD13	3	0.34
(33,2254)	1:69:A:MET:HG3	1:73:A:ILE:HD11	3	0.34
(33,2254)	1:69:A:MET:HG3	1:73:A:ILE:HD12	3	0.34
(33,2254)	1:69:A:MET:HG3	1:73:A:ILE:HD13	3	0.34
(33,2220)	1:64:A:LYS:H	1:116:A:GLN:HG2	17	0.34
(33,2220)	1:64:A:LYS:H	1:116:A:GLN:HG3	17	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2199)	1:57:A:LEU:HD11	1:60:A:LEU:HG	3	0.34
(33,2199)	1:57:A:LEU:HD12	1:60:A:LEU:HG	3	0.34
(33,2199)	1:57:A:LEU:HD13	1:60:A:LEU:HG	3	0.34
(33,2199)	1:57:A:LEU:HD21	1:60:A:LEU:HG	3	0.34
(33,2199)	1:57:A:LEU:HD22	1:60:A:LEU:HG	3	0.34
(33,2199)	1:57:A:LEU:HD23	1:60:A:LEU:HG	3	0.34
(33,2132)	1:40:A:LEU:HD11	1:41:A:LYS:H	15	0.34
(33,2132)	1:40:A:LEU:HD12	1:41:A:LYS:H	15	0.34
(33,2132)	1:40:A:LEU:HD13	1:41:A:LYS:H	15	0.34
(33,2132)	1:40:A:LEU:HD21	1:41:A:LYS:H	15	0.34
(33,2132)	1:40:A:LEU:HD22	1:41:A:LYS:H	15	0.34
(33,2132)	1:40:A:LEU:HD23	1:41:A:LYS:H	15	0.34
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD11	16	0.34
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD12	16	0.34
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD13	16	0.34
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD21	16	0.34
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD22	16	0.34
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD23	16	0.34
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD11	14	0.34
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD12	14	0.34
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD13	14	0.34
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD21	14	0.34
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD22	14	0.34
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD23	14	0.34
(33,2086)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	4	0.34
(33,2086)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	4	0.34
(33,2086)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	4	0.34
(33,2086)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	4	0.34
(33,2086)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	4	0.34
(33,2086)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	4	0.34
(33,2039)	1:23:A:LEU:HD11	1:25:A:ALA:H	5	0.34
(33,2039)	1:23:A:LEU:HD12	1:25:A:ALA:H	5	0.34
(33,2039)	1:23:A:LEU:HD13	1:25:A:ALA:H	5	0.34
(33,2039)	1:23:A:LEU:HD21	1:25:A:ALA:H	5	0.34
(33,2039)	1:23:A:LEU:HD22	1:25:A:ALA:H	5	0.34
(33,2039)	1:23:A:LEU:HD23	1:25:A:ALA:H	5	0.34
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD11	18	0.34
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD12	18	0.34
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD13	18	0.34
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD21	18	0.34
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD22	18	0.34
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD23	18	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1937)	1:10:A:ASN:HB2	1:61:A:SER:HA	18	0.34
(33,1937)	1:10:A:ASN:HB3	1:61:A:SER:HA	18	0.34
(33,1909)	1:35:A:LEU:HG	1:80:A:TYR:HE1	10	0.34
(33,1909)	1:35:A:LEU:HG	1:80:A:TYR:HE2	10	0.34
(33,1907)	1:80:A:TYR:HE1	1:81:A:GLU:H	4	0.34
(33,1907)	1:80:A:TYR:HE2	1:81:A:GLU:H	4	0.34
(33,1903)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	7	0.34
(33,1903)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	7	0.34
(33,1903)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	7	0.34
(33,1903)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	7	0.34
(33,1903)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	7	0.34
(33,1903)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	7	0.34
(33,1859)	1:9:A:PHE:HE1	1:54:A:ARG:HE	14	0.34
(33,1859)	1:9:A:PHE:HE2	1:54:A:ARG:HE	14	0.34
(33,1759)	1:141:A:LYS:HA	1:148:A:CYS:H	11	0.34
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG21	2	0.34
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG22	2	0.34
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG23	2	0.34
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG21	2	0.34
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG22	2	0.34
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG23	2	0.34
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG21	2	0.34
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG22	2	0.34
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG23	2	0.34
(33,1678)	1:72:A:PHE:HB2	1:109:A:PRO:HA	15	0.34
(33,1642)	1:46:A:ASN:HD22	1:134:A:VAL:HG21	2	0.34
(33,1642)	1:46:A:ASN:HD22	1:134:A:VAL:HG22	2	0.34
(33,1642)	1:46:A:ASN:HD22	1:134:A:VAL:HG23	2	0.34
(33,1573)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	14	0.34
(33,1573)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	14	0.34
(33,1573)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	14	0.34
(33,1572)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	13	0.34
(33,1572)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	13	0.34
(33,1572)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	13	0.34
(33,1570)	1:97:A:ASP:H	1:98:A:ILE:HD11	6	0.34
(33,1570)	1:97:A:ASP:H	1:98:A:ILE:HD12	6	0.34
(33,1570)	1:97:A:ASP:H	1:98:A:ILE:HD13	6	0.34
(33,1558)	1:11:A:ILE:HD11	1:43:A:MET:HB2	15	0.34
(33,1558)	1:11:A:ILE:HD12	1:43:A:MET:HB2	15	0.34
(33,1558)	1:11:A:ILE:HD13	1:43:A:MET:HB2	15	0.34
(33,1556)	1:11:A:ILE:HD11	1:14:A:VAL:H	14	0.34
(33,1556)	1:11:A:ILE:HD12	1:14:A:VAL:H	14	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1556)	1:11:A:ILE:HD13	1:14:A:VAL:H	14	0.34
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE1	3	0.34
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE2	3	0.34
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE3	3	0.34
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE1	3	0.34
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE2	3	0.34
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE3	3	0.34
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE1	3	0.34
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE2	3	0.34
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE3	3	0.34
(33,1502)	1:98:A:ILE:HG21	1:101:A:ILE:HB	3	0.34
(33,1502)	1:98:A:ILE:HG22	1:101:A:ILE:HB	3	0.34
(33,1502)	1:98:A:ILE:HG23	1:101:A:ILE:HB	3	0.34
(33,1489)	1:114:A:ILE:HG21	1:117:A:VAL:HB	17	0.34
(33,1489)	1:114:A:ILE:HG22	1:117:A:VAL:HB	17	0.34
(33,1489)	1:114:A:ILE:HG23	1:117:A:VAL:HB	17	0.34
(33,1473)	1:101:A:ILE:HG21	1:115:A:ALA:HA	10	0.34
(33,1473)	1:101:A:ILE:HG22	1:115:A:ALA:HA	10	0.34
(33,1473)	1:101:A:ILE:HG23	1:115:A:ALA:HA	10	0.34
(33,1469)	1:101:A:ILE:HG21	1:115:A:ALA:H	12	0.34
(33,1469)	1:101:A:ILE:HG22	1:115:A:ALA:H	12	0.34
(33,1469)	1:101:A:ILE:HG23	1:115:A:ALA:H	12	0.34
(33,1446)	1:47:A:ALA:HA	1:50:A:ALA:HB1	6	0.34
(33,1446)	1:47:A:ALA:HA	1:50:A:ALA:HB2	6	0.34
(33,1446)	1:47:A:ALA:HA	1:50:A:ALA:HB3	6	0.34
(33,1394)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	10	0.34
(33,1394)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	10	0.34
(33,1394)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	10	0.34
(33,1394)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	10	0.34
(33,1394)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	10	0.34
(33,1394)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	10	0.34
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG11	14	0.34
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG12	14	0.34
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG13	14	0.34
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG11	19	0.34
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG12	19	0.34
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG13	19	0.34
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	8	0.34
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	8	0.34
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	8	0.34
(33,1267)	1:23:A:LEU:HA	1:23:A:LEU:HD11	17	0.34
(33,1267)	1:23:A:LEU:HA	1:23:A:LEU:HD12	17	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1267)	1:23:A:LEU:HA	1:23:A:LEU:HD13	17	0.34
(33,1198)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	8	0.34
(33,1198)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	8	0.34
(33,1198)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	8	0.34
(33,1070)	1:54:A:ARG:HA	1:57:A:LEU:HB3	8	0.34
(33,1066)	1:140:A:LEU:H	1:140:A:LEU:HG	4	0.34
(33,965)	1:15:A:ALA:HB1	1:43:A:MET:HB2	8	0.34
(33,965)	1:15:A:ALA:HB2	1:43:A:MET:HB2	8	0.34
(33,965)	1:15:A:ALA:HB3	1:43:A:MET:HB2	8	0.34
(33,917)	1:20:A:THR:HB	1:21:A:THR:H	8	0.34
(33,902)	1:79:A:THR:HB	1:80:A:TYR:HD1	11	0.34
(33,902)	1:79:A:THR:HB	1:80:A:TYR:HD2	11	0.34
(33,900)	1:11:A:ILE:HB	1:44:A:GLU:HB2	10	0.34
(33,900)	1:11:A:ILE:HB	1:44:A:GLU:HB3	10	0.34
(33,740)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	14	0.34
(33,712)	1:44:A:GLU:HG2	1:48:A:ARG:HE	10	0.34
(33,712)	1:44:A:GLU:HG3	1:48:A:ARG:HE	10	0.34
(33,642)	1:66:A:THR:H	1:69:A:MET:HA	6	0.34
(33,640)	1:66:A:THR:H	1:70:A:LYS:H	9	0.34
(33,616)	1:14:A:VAL:HB	1:16:A:SER:H	3	0.34
(33,573)	1:16:A:SER:H	1:131:A:LEU:HB3	3	0.34
(33,566)	1:98:A:ILE:HD11	1:116:A:GLN:H	10	0.34
(33,566)	1:98:A:ILE:HD12	1:116:A:GLN:H	10	0.34
(33,566)	1:98:A:ILE:HD13	1:116:A:GLN:H	10	0.34
(33,558)	1:10:A:ASN:HD21	1:14:A:VAL:HB	5	0.34
(33,422)	1:125:A:THR:H	1:125:A:THR:HG21	6	0.34
(33,422)	1:125:A:THR:H	1:125:A:THR:HG22	6	0.34
(33,422)	1:125:A:THR:H	1:125:A:THR:HG23	6	0.34
(33,377)	1:40:A:LEU:HB3	1:41:A:LYS:H	17	0.34
(33,269)	1:112:A:GLN:H	1:112:A:GLN:HE21	7	0.34
(33,129)	1:13:A:ALA:HB1	1:80:A:TYR:H	6	0.34
(33,129)	1:13:A:ALA:HB2	1:80:A:TYR:H	6	0.34
(33,129)	1:13:A:ALA:HB3	1:80:A:TYR:H	6	0.34
(33,70)	1:81:A:GLU:H	1:81:A:GLU:HG2	6	0.34
(33,70)	1:81:A:GLU:H	1:81:A:GLU:HG3	6	0.34
(33,58)	1:98:A:ILE:H	1:101:A:ILE:HG13	4	0.34
(33,52)	1:44:A:GLU:HB2	1:47:A:ALA:H	8	0.34
(33,52)	1:44:A:GLU:HB3	1:47:A:ALA:H	8	0.34
(33,36)	1:95:A:ILE:HB	1:96:A:VAL:H	3	0.34
(33,36)	1:95:A:ILE:HB	1:96:A:VAL:H	8	0.34
(32,2451)	1:139:A:LEU:HB2	1:140:A:LEU:HD11	17	0.34
(32,2451)	1:139:A:LEU:HB2	1:140:A:LEU:HD12	17	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2451)	1:139:A:LEU:HB2	1:140:A:LEU:HD13	17	0.34
(32,2451)	1:139:A:LEU:HB2	1:140:A:LEU:HD21	17	0.34
(32,2451)	1:139:A:LEU:HB2	1:140:A:LEU:HD22	17	0.34
(32,2451)	1:139:A:LEU:HB2	1:140:A:LEU:HD23	17	0.34
(32,2451)	1:139:A:LEU:HB3	1:140:A:LEU:HD11	17	0.34
(32,2451)	1:139:A:LEU:HB3	1:140:A:LEU:HD12	17	0.34
(32,2451)	1:139:A:LEU:HB3	1:140:A:LEU:HD13	17	0.34
(32,2451)	1:139:A:LEU:HB3	1:140:A:LEU:HD21	17	0.34
(32,2451)	1:139:A:LEU:HB3	1:140:A:LEU:HD22	17	0.34
(32,2451)	1:139:A:LEU:HB3	1:140:A:LEU:HD23	17	0.34
(32,2365)	1:116:A:GLN:HG2	1:117:A:VAL:HA	10	0.34
(32,2365)	1:116:A:GLN:HG3	1:117:A:VAL:HA	10	0.34
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG2	18	0.34
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG3	18	0.34
(32,2263)	1:74:A:PRO:HA	1:77:A:CYS:HB2	11	0.34
(32,2263)	1:74:A:PRO:HA	1:77:A:CYS:HB3	11	0.34
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	6	0.34
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	6	0.34
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	6	0.34
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	6	0.34
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	6	0.34
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	6	0.34
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	6	0.34
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	6	0.34
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	6	0.34
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	6	0.34
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	6	0.34
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	6	0.34
(32,2097)	1:39:A:VAL:HG11	1:140:A:LEU:HG	7	0.34
(32,2097)	1:39:A:VAL:HG12	1:140:A:LEU:HG	7	0.34
(32,2097)	1:39:A:VAL:HG13	1:140:A:LEU:HG	7	0.34
(32,2097)	1:39:A:VAL:HG21	1:140:A:LEU:HG	7	0.34
(32,2097)	1:39:A:VAL:HG22	1:140:A:LEU:HG	7	0.34
(32,2097)	1:39:A:VAL:HG23	1:140:A:LEU:HG	7	0.34
(32,2091)	1:39:A:VAL:HG11	1:43:A:MET:HB2	6	0.34
(32,2091)	1:39:A:VAL:HG12	1:43:A:MET:HB2	6	0.34
(32,2091)	1:39:A:VAL:HG13	1:43:A:MET:HB2	6	0.34
(32,2091)	1:39:A:VAL:HG21	1:43:A:MET:HB2	6	0.34
(32,2091)	1:39:A:VAL:HG22	1:43:A:MET:HB2	6	0.34
(32,2091)	1:39:A:VAL:HG23	1:43:A:MET:HB2	6	0.34
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD11	8	0.34
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD12	8	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD13	8	0.34
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD21	8	0.34
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD22	8	0.34
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD23	8	0.34
(32,1954)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	14	0.34
(32,1954)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	14	0.34
(32,1954)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	14	0.34
(32,1954)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	14	0.34
(32,1954)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	14	0.34
(32,1954)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	14	0.34
(32,1954)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	14	0.34
(32,1954)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	14	0.34
(32,1954)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	14	0.34
(32,1954)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	14	0.34
(32,1954)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	14	0.34
(32,1954)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	14	0.34
(32,1908)	1:10:A:ASN:HB2	1:61:A:SER:HA	18	0.34
(32,1908)	1:10:A:ASN:HB3	1:61:A:SER:HA	18	0.34
(32,1871)	1:80:A:TYR:HE1	1:81:A:GLU:H	4	0.34
(32,1871)	1:80:A:TYR:HE2	1:81:A:GLU:H	4	0.34
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	4	0.34
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	4	0.34
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	4	0.34
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	4	0.34
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	4	0.34
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	4	0.34
(32,1845)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	13	0.34
(32,1845)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	13	0.34
(32,1845)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	13	0.34
(32,1845)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	13	0.34
(32,1845)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	13	0.34
(32,1845)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	13	0.34
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG21	2	0.34
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG22	2	0.34
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG23	2	0.34
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG21	2	0.34
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG22	2	0.34
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG23	2	0.34
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG21	2	0.34
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG22	2	0.34
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG23	2	0.34
(32,1654)	1:43:A:MET:HG2	1:43:A:MET:HE1	1	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1654)	1:43:A:MET:HG2	1:43:A:MET:HE2	1	0.34
(32,1654)	1:43:A:MET:HG2	1:43:A:MET:HE3	1	0.34
(32,1530)	1:11:A:ILE:HD11	1:43:A:MET:HB2	15	0.34
(32,1530)	1:11:A:ILE:HD12	1:43:A:MET:HB2	15	0.34
(32,1530)	1:11:A:ILE:HD13	1:43:A:MET:HB2	15	0.34
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE1	1	0.34
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE2	1	0.34
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE3	1	0.34
(32,1441)	1:101:A:ILE:HG21	1:115:A:ALA:HA	10	0.34
(32,1441)	1:101:A:ILE:HG22	1:115:A:ALA:HA	10	0.34
(32,1441)	1:101:A:ILE:HG23	1:115:A:ALA:HA	10	0.34
(32,1436)	1:101:A:ILE:HG21	1:115:A:ALA:H	12	0.34
(32,1436)	1:101:A:ILE:HG22	1:115:A:ALA:H	12	0.34
(32,1436)	1:101:A:ILE:HG23	1:115:A:ALA:H	12	0.34
(32,1363)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	10	0.34
(32,1363)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	10	0.34
(32,1363)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	10	0.34
(32,1363)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	10	0.34
(32,1363)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	10	0.34
(32,1363)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	10	0.34
(32,1214)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	18	0.34
(32,1214)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	18	0.34
(32,1214)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	18	0.34
(32,1214)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	18	0.34
(32,1214)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	18	0.34
(32,1214)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	18	0.34
(32,1152)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	8	0.34
(32,1152)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	8	0.34
(32,1152)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	8	0.34
(32,1043)	1:54:A:ARG:HA	1:57:A:LEU:HB3	8	0.34
(32,1039)	1:54:A:ARG:HA	1:58:A:ILE:HG13	1	0.34
(32,1038)	1:140:A:LEU:H	1:140:A:LEU:HG	4	0.34
(32,986)	1:81:A:GLU:H	1:81:A:GLU:HB2	10	0.34
(32,915)	1:67:A:PRO:HA	1:70:A:LYS:HB2	18	0.34
(32,915)	1:67:A:PRO:HA	1:70:A:LYS:HB3	18	0.34
(32,875)	1:79:A:THR:HB	1:80:A:TYR:HD1	11	0.34
(32,875)	1:79:A:THR:HB	1:80:A:TYR:HD2	11	0.34
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	2	0.34
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	2	0.34
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	2	0.34
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	2	0.34
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	2	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	2	0.34
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	2	0.34
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	2	0.34
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	2	0.34
(32,777)	1:55:A:GLY:H	1:58:A:ILE:HD11	13	0.34
(32,777)	1:55:A:GLY:H	1:58:A:ILE:HD12	13	0.34
(32,777)	1:55:A:GLY:H	1:58:A:ILE:HD13	13	0.34
(32,752)	1:73:A:ILE:HD11	1:113:A:PHE:HD1	8	0.34
(32,752)	1:73:A:ILE:HD11	1:113:A:PHE:HD2	8	0.34
(32,752)	1:73:A:ILE:HD12	1:113:A:PHE:HD1	8	0.34
(32,752)	1:73:A:ILE:HD12	1:113:A:PHE:HD2	8	0.34
(32,752)	1:73:A:ILE:HD13	1:113:A:PHE:HD1	8	0.34
(32,752)	1:73:A:ILE:HD13	1:113:A:PHE:HD2	8	0.34
(32,640)	1:98:A:ILE:H	1:100:A:ALA:H	12	0.34
(32,628)	1:66:A:THR:H	1:69:A:MET:HA	6	0.34
(32,557)	1:98:A:ILE:HD11	1:116:A:GLN:H	10	0.34
(32,557)	1:98:A:ILE:HD12	1:116:A:GLN:H	10	0.34
(32,557)	1:98:A:ILE:HD13	1:116:A:GLN:H	10	0.34
(32,472)	1:13:A:ALA:HB1	1:79:A:THR:H	4	0.34
(32,472)	1:13:A:ALA:HB2	1:79:A:THR:H	4	0.34
(32,472)	1:13:A:ALA:HB3	1:79:A:THR:H	4	0.34
(32,408)	1:125:A:THR:H	1:125:A:THR:HG21	6	0.34
(32,408)	1:125:A:THR:H	1:125:A:THR:HG22	6	0.34
(32,408)	1:125:A:THR:H	1:125:A:THR:HG23	6	0.34
(32,282)	1:50:A:ALA:HB1	1:52:A:CYS:H	9	0.34
(32,282)	1:50:A:ALA:HB2	1:52:A:CYS:H	9	0.34
(32,282)	1:50:A:ALA:HB3	1:52:A:CYS:H	9	0.34
(32,192)	1:101:A:ILE:H	1:104:A:PHE:HD1	12	0.34
(32,192)	1:101:A:ILE:H	1:104:A:PHE:HD2	12	0.34
(32,128)	1:13:A:ALA:HB1	1:80:A:TYR:H	6	0.34
(32,128)	1:13:A:ALA:HB2	1:80:A:TYR:H	6	0.34
(32,128)	1:13:A:ALA:HB3	1:80:A:TYR:H	6	0.34
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	9	0.34
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	9	0.34
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	9	0.34
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	9	0.34
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	9	0.34
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	9	0.34
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	9	0.34
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	9	0.34
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	9	0.34
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	9	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	9	0.34
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	9	0.34
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	9	0.34
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	9	0.34
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	9	0.34
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	9	0.34
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	9	0.34
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	9	0.34
(30,2210)	1:57:A:LEU:HD11	1:60:A:LEU:HG	5	0.34
(30,2210)	1:57:A:LEU:HD12	1:60:A:LEU:HG	5	0.34
(30,2210)	1:57:A:LEU:HD13	1:60:A:LEU:HG	5	0.34
(30,2210)	1:57:A:LEU:HD21	1:60:A:LEU:HG	5	0.34
(30,2210)	1:57:A:LEU:HD22	1:60:A:LEU:HG	5	0.34
(30,2210)	1:57:A:LEU:HD23	1:60:A:LEU:HG	5	0.34
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	6	0.34
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	6	0.34
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	6	0.34
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	6	0.34
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	6	0.34
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	6	0.34
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	6	0.34
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	6	0.34
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	6	0.34
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	6	0.34
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	6	0.34
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	6	0.34
(30,2141)	1:40:A:LEU:HD11	1:41:A:LYS:H	15	0.34
(30,2141)	1:40:A:LEU:HD12	1:41:A:LYS:H	15	0.34
(30,2141)	1:40:A:LEU:HD13	1:41:A:LYS:H	15	0.34
(30,2141)	1:40:A:LEU:HD21	1:41:A:LYS:H	15	0.34
(30,2141)	1:40:A:LEU:HD22	1:41:A:LYS:H	15	0.34
(30,2141)	1:40:A:LEU:HD23	1:41:A:LYS:H	15	0.34
(30,2125)	1:39:A:VAL:HG11	1:139:A:LEU:HD11	18	0.34
(30,2125)	1:39:A:VAL:HG11	1:139:A:LEU:HD12	18	0.34
(30,2125)	1:39:A:VAL:HG11	1:139:A:LEU:HD13	18	0.34
(30,2125)	1:39:A:VAL:HG11	1:139:A:LEU:HD21	18	0.34
(30,2125)	1:39:A:VAL:HG11	1:139:A:LEU:HD22	18	0.34
(30,2125)	1:39:A:VAL:HG11	1:139:A:LEU:HD23	18	0.34
(30,2125)	1:39:A:VAL:HG12	1:139:A:LEU:HD11	18	0.34
(30,2125)	1:39:A:VAL:HG12	1:139:A:LEU:HD12	18	0.34
(30,2125)	1:39:A:VAL:HG12	1:139:A:LEU:HD13	18	0.34
(30,2125)	1:39:A:VAL:HG12	1:139:A:LEU:HD21	18	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2125)	1:39:A:VAL:HG12	1:139:A:LEU:HD22	18	0.34
(30,2125)	1:39:A:VAL:HG12	1:139:A:LEU:HD23	18	0.34
(30,2125)	1:39:A:VAL:HG13	1:139:A:LEU:HD11	18	0.34
(30,2125)	1:39:A:VAL:HG13	1:139:A:LEU:HD12	18	0.34
(30,2125)	1:39:A:VAL:HG13	1:139:A:LEU:HD13	18	0.34
(30,2125)	1:39:A:VAL:HG13	1:139:A:LEU:HD21	18	0.34
(30,2125)	1:39:A:VAL:HG13	1:139:A:LEU:HD22	18	0.34
(30,2125)	1:39:A:VAL:HG13	1:139:A:LEU:HD23	18	0.34
(30,2125)	1:39:A:VAL:HG21	1:139:A:LEU:HD11	18	0.34
(30,2125)	1:39:A:VAL:HG21	1:139:A:LEU:HD12	18	0.34
(30,2125)	1:39:A:VAL:HG21	1:139:A:LEU:HD13	18	0.34
(30,2125)	1:39:A:VAL:HG21	1:139:A:LEU:HD21	18	0.34
(30,2125)	1:39:A:VAL:HG21	1:139:A:LEU:HD22	18	0.34
(30,2125)	1:39:A:VAL:HG21	1:139:A:LEU:HD23	18	0.34
(30,2125)	1:39:A:VAL:HG22	1:139:A:LEU:HD11	18	0.34
(30,2125)	1:39:A:VAL:HG22	1:139:A:LEU:HD12	18	0.34
(30,2125)	1:39:A:VAL:HG22	1:139:A:LEU:HD13	18	0.34
(30,2125)	1:39:A:VAL:HG22	1:139:A:LEU:HD21	18	0.34
(30,2125)	1:39:A:VAL:HG22	1:139:A:LEU:HD22	18	0.34
(30,2125)	1:39:A:VAL:HG22	1:139:A:LEU:HD23	18	0.34
(30,2125)	1:39:A:VAL:HG23	1:139:A:LEU:HD11	18	0.34
(30,2125)	1:39:A:VAL:HG23	1:139:A:LEU:HD12	18	0.34
(30,2125)	1:39:A:VAL:HG23	1:139:A:LEU:HD13	18	0.34
(30,2125)	1:39:A:VAL:HG23	1:139:A:LEU:HD21	18	0.34
(30,2125)	1:39:A:VAL:HG23	1:139:A:LEU:HD22	18	0.34
(30,2125)	1:39:A:VAL:HG23	1:139:A:LEU:HD23	18	0.34
(30,1971)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	15	0.34
(30,1971)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	15	0.34
(30,1971)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	15	0.34
(30,1971)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	15	0.34
(30,1971)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	15	0.34
(30,1971)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	15	0.34
(30,1971)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	15	0.34
(30,1971)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	15	0.34
(30,1971)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	15	0.34
(30,1971)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	15	0.34
(30,1971)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	15	0.34
(30,1971)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	15	0.34
(30,1971)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	15	0.34
(30,1971)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	15	0.34
(30,1971)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	15	0.34
(30,1971)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	15	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1971)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	15	0.34
(30,1971)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	15	0.34
(30,1864)	1:9:A:PHE:HE1	1:54:A:ARG:HE	14	0.34
(30,1864)	1:9:A:PHE:HE2	1:54:A:ARG:HE	14	0.34
(30,1799)	1:9:A:PHE:HD1	1:11:A:ILE:HB	2	0.34
(30,1799)	1:9:A:PHE:HD2	1:11:A:ILE:HB	2	0.34
(30,1770)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	3	0.34
(30,1770)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	3	0.34
(30,1770)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	3	0.34
(30,1710)	1:141:A:LYS:HA	1:145:A:PRO:HD3	19	0.34
(30,1646)	1:134:A:VAL:HG21	1:137:A:SER:H	18	0.34
(30,1646)	1:134:A:VAL:HG22	1:137:A:SER:H	18	0.34
(30,1646)	1:134:A:VAL:HG23	1:137:A:SER:H	18	0.34
(30,1571)	1:11:A:ILE:HD11	1:43:A:MET:HB2	15	0.34
(30,1571)	1:11:A:ILE:HD12	1:43:A:MET:HB2	15	0.34
(30,1571)	1:11:A:ILE:HD13	1:43:A:MET:HB2	15	0.34
(30,1569)	1:11:A:ILE:HD11	1:14:A:VAL:H	14	0.34
(30,1569)	1:11:A:ILE:HD12	1:14:A:VAL:H	14	0.34
(30,1569)	1:11:A:ILE:HD13	1:14:A:VAL:H	14	0.34
(30,1486)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	9	0.34
(30,1486)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	9	0.34
(30,1486)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	9	0.34
(30,1486)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	9	0.34
(30,1486)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	9	0.34
(30,1486)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	9	0.34
(30,1474)	1:101:A:ILE:HG21	1:115:A:ALA:H	12	0.34
(30,1474)	1:101:A:ILE:HG22	1:115:A:ALA:H	12	0.34
(30,1474)	1:101:A:ILE:HG23	1:115:A:ALA:H	12	0.34
(30,1306)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.34
(30,1306)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.34
(30,1306)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.34
(30,1306)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.34
(30,1306)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.34
(30,1306)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.34
(30,1306)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.34
(30,1306)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.34
(30,1306)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.34
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD11	1	0.34
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD12	1	0.34
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD13	1	0.34
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD11	9	0.34
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD12	9	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD13	9	0.34
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD11	10	0.34
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD12	10	0.34
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD13	10	0.34
(30,1151)	1:37:A:LEU:HA	1:40:A:LEU:HB3	11	0.34
(30,1151)	1:37:A:LEU:HA	1:40:A:LEU:HB3	19	0.34
(30,1143)	1:78:A:HIS:HA	1:79:A:THR:HB	8	0.34
(30,1063)	1:54:A:ARG:HA	1:57:A:LEU:HB3	8	0.34
(30,1031)	1:11:A:ILE:HA	1:11:A:ILE:HD11	3	0.34
(30,1031)	1:11:A:ILE:HA	1:11:A:ILE:HD12	3	0.34
(30,1031)	1:11:A:ILE:HA	1:11:A:ILE:HD13	3	0.34
(30,1020)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	10	0.34
(30,940)	1:67:A:PRO:HA	1:70:A:LYS:HB2	18	0.34
(30,940)	1:67:A:PRO:HA	1:70:A:LYS:HB3	18	0.34
(30,876)	1:117:A:VAL:HG11	1:118:A:ASP:HB2	15	0.34
(30,876)	1:117:A:VAL:HG12	1:118:A:ASP:HB2	15	0.34
(30,876)	1:117:A:VAL:HG13	1:118:A:ASP:HB2	15	0.34
(30,836)	1:103:A:ARG:HA	1:103:A:ARG:HD2	3	0.34
(30,836)	1:103:A:ARG:HA	1:103:A:ARG:HD3	3	0.34
(30,836)	1:103:A:ARG:HA	1:103:A:ARG:HD2	16	0.34
(30,836)	1:103:A:ARG:HA	1:103:A:ARG:HD3	16	0.34
(30,832)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	9	0.34
(30,832)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	9	0.34
(30,832)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	9	0.34
(30,832)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	9	0.34
(30,832)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	9	0.34
(30,832)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	9	0.34
(30,832)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	9	0.34
(30,832)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	9	0.34
(30,832)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	9	0.34
(30,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	19	0.34
(30,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	19	0.34
(30,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	19	0.34
(30,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	19	0.34
(30,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	19	0.34
(30,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	19	0.34
(30,738)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	14	0.34
(30,709)	1:44:A:GLU:HG2	1:48:A:ARG:HE	10	0.34
(30,709)	1:44:A:GLU:HG3	1:48:A:ARG:HE	10	0.34
(30,650)	1:66:A:THR:H	1:70:A:LYS:H	5	0.34
(30,640)	1:66:A:THR:H	1:69:A:MET:HA	6	0.34
(30,570)	1:98:A:ILE:HD11	1:116:A:GLN:H	10	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,570)	1:98:A:ILE:HD12	1:116:A:GLN:H	10	0.34
(30,570)	1:98:A:ILE:HD13	1:116:A:GLN:H	10	0.34
(30,426)	1:125:A:THR:H	1:125:A:THR:HG21	6	0.34
(30,426)	1:125:A:THR:H	1:125:A:THR:HG22	6	0.34
(30,426)	1:125:A:THR:H	1:125:A:THR:HG23	6	0.34
(30,273)	1:112:A:GLN:H	1:112:A:GLN:HE21	7	0.34
(30,133)	1:13:A:ALA:HB1	1:80:A:TYR:H	6	0.34
(30,133)	1:13:A:ALA:HB2	1:80:A:TYR:H	6	0.34
(30,133)	1:13:A:ALA:HB3	1:80:A:TYR:H	6	0.34
(30,116)	1:22:A:ASP:H	1:23:A:LEU:HB2	13	0.34
(30,116)	1:22:A:ASP:H	1:23:A:LEU:HB3	13	0.34
(30,116)	1:22:A:ASP:H	1:23:A:LEU:HB2	19	0.34
(30,116)	1:22:A:ASP:H	1:23:A:LEU:HB3	19	0.34
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	15	0.34
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	15	0.34
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	15	0.34
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	15	0.34
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	15	0.34
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	15	0.34
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	15	0.34
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	15	0.34
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	15	0.34
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	15	0.34
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	15	0.34
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	15	0.34
(29,2142)	1:40:A:LEU:HD11	1:44:A:GLU:H	19	0.34
(29,2142)	1:40:A:LEU:HD12	1:44:A:GLU:H	19	0.34
(29,2142)	1:40:A:LEU:HD13	1:44:A:GLU:H	19	0.34
(29,2142)	1:40:A:LEU:HD21	1:44:A:GLU:H	19	0.34
(29,2142)	1:40:A:LEU:HD22	1:44:A:GLU:H	19	0.34
(29,2142)	1:40:A:LEU:HD23	1:44:A:GLU:H	19	0.34
(29,2079)	1:34:A:LYS:H	1:81:A:GLU:HB2	8	0.34
(29,2079)	1:34:A:LYS:H	1:81:A:GLU:HB3	8	0.34
(29,1990)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	8	0.34
(29,1990)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	8	0.34
(29,1990)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	8	0.34
(29,1990)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	8	0.34
(29,1990)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	8	0.34
(29,1990)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	8	0.34
(29,1990)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	8	0.34
(29,1990)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	8	0.34
(29,1990)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	8	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1990)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	8	0.34
(29,1990)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	8	0.34
(29,1990)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	8	0.34
(29,1990)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	8	0.34
(29,1990)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	8	0.34
(29,1990)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	8	0.34
(29,1990)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	8	0.34
(29,1990)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	8	0.34
(29,1990)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	8	0.34
(29,1965)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	7	0.34
(29,1965)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	7	0.34
(29,1965)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	7	0.34
(29,1965)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	7	0.34
(29,1932)	1:58:A:ILE:HB	1:62:A:HIS:HE1	12	0.34
(29,1928)	1:80:A:TYR:HE1	1:81:A:GLU:H	4	0.34
(29,1928)	1:80:A:TYR:HE2	1:81:A:GLU:H	4	0.34
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	4	0.34
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	4	0.34
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	4	0.34
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	4	0.34
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	4	0.34
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	4	0.34
(29,1877)	1:9:A:PHE:HZ	1:44:A:GLU:HA	16	0.34
(29,1838)	1:9:A:PHE:HZ	1:54:A:ARG:HE	6	0.34
(29,1787)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	3	0.34
(29,1787)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	3	0.34
(29,1787)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	3	0.34
(29,1782)	1:141:A:LYS:HA	1:148:A:CYS:H	11	0.34
(29,1718)	1:43:A:MET:HG2	1:43:A:MET:HE1	1	0.34
(29,1718)	1:43:A:MET:HG2	1:43:A:MET:HE2	1	0.34
(29,1718)	1:43:A:MET:HG2	1:43:A:MET:HE3	1	0.34
(29,1663)	1:134:A:VAL:HG21	1:137:A:SER:H	18	0.34
(29,1663)	1:134:A:VAL:HG22	1:137:A:SER:H	18	0.34
(29,1663)	1:134:A:VAL:HG23	1:137:A:SER:H	18	0.34
(29,1598)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	14	0.34
(29,1598)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	14	0.34
(29,1598)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	14	0.34
(29,1582)	1:11:A:ILE:HD11	1:43:A:MET:HB2	15	0.34
(29,1582)	1:11:A:ILE:HD12	1:43:A:MET:HB2	15	0.34
(29,1582)	1:11:A:ILE:HD13	1:43:A:MET:HB2	15	0.34
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE1	3	0.34
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE2	3	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE3	3	0.34
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE1	3	0.34
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE2	3	0.34
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE3	3	0.34
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE1	3	0.34
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE2	3	0.34
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE3	3	0.34
(29,1550)	1:110:A:MET:H	1:110:A:MET:HE1	16	0.34
(29,1550)	1:110:A:MET:H	1:110:A:MET:HE2	16	0.34
(29,1550)	1:110:A:MET:H	1:110:A:MET:HE3	16	0.34
(29,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	9	0.34
(29,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	9	0.34
(29,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	9	0.34
(29,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	9	0.34
(29,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	9	0.34
(29,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	9	0.34
(29,1489)	1:101:A:ILE:HG21	1:115:A:ALA:HA	10	0.34
(29,1489)	1:101:A:ILE:HG22	1:115:A:ALA:HA	10	0.34
(29,1489)	1:101:A:ILE:HG23	1:115:A:ALA:HA	10	0.34
(29,1484)	1:101:A:ILE:HG21	1:115:A:ALA:H	12	0.34
(29,1484)	1:101:A:ILE:HG22	1:115:A:ALA:H	12	0.34
(29,1484)	1:101:A:ILE:HG23	1:115:A:ALA:H	12	0.34
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	4	0.34
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	4	0.34
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	4	0.34
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	4	0.34
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	4	0.34
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	4	0.34
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	4	0.34
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	4	0.34
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	4	0.34
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	9	0.34
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	9	0.34
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	9	0.34
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	9	0.34
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	9	0.34
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	9	0.34
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	9	0.34
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	9	0.34
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	9	0.34
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD11	6	0.34
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD12	6	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD13	6	0.34
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD11	6	0.34
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD12	6	0.34
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD13	6	0.34
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD11	6	0.34
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD12	6	0.34
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD13	6	0.34
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD11	13	0.34
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD12	13	0.34
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD13	13	0.34
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD11	13	0.34
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD12	13	0.34
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD13	13	0.34
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD11	13	0.34
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD12	13	0.34
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD13	13	0.34
(29,1322)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.34
(29,1322)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.34
(29,1322)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.34
(29,1322)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.34
(29,1322)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.34
(29,1322)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.34
(29,1322)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.34
(29,1322)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.34
(29,1322)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.34
(29,1205)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	8	0.34
(29,1205)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	8	0.34
(29,1205)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	8	0.34
(29,1180)	1:140:A:LEU:HD21	1:144:A:LEU:H	1	0.34
(29,1180)	1:140:A:LEU:HD22	1:144:A:LEU:H	1	0.34
(29,1180)	1:140:A:LEU:HD23	1:144:A:LEU:H	1	0.34
(29,1165)	1:37:A:LEU:HA	1:40:A:LEU:HB3	11	0.34
(29,1165)	1:37:A:LEU:HA	1:40:A:LEU:HB3	19	0.34
(29,1010)	1:31:A:PRO:HA	1:32:A:GLY:H	11	0.34
(29,918)	1:20:A:THR:HB	1:21:A:THR:H	8	0.34
(29,904)	1:79:A:THR:HB	1:80:A:TYR:HD1	11	0.34
(29,904)	1:79:A:THR:HB	1:80:A:TYR:HD2	11	0.34
(29,902)	1:9:A:PHE:HD1	1:11:A:ILE:HB	2	0.34
(29,902)	1:9:A:PHE:HD2	1:11:A:ILE:HB	2	0.34
(29,798)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	19	0.34
(29,798)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	19	0.34
(29,798)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	19	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,798)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	19	0.34
(29,798)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	19	0.34
(29,798)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	19	0.34
(29,753)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	14	0.34
(29,573)	1:98:A:ILE:HD11	1:116:A:GLN:H	10	0.34
(29,573)	1:98:A:ILE:HD12	1:116:A:GLN:H	10	0.34
(29,573)	1:98:A:ILE:HD13	1:116:A:GLN:H	10	0.34
(29,489)	1:13:A:ALA:HB1	1:79:A:THR:H	4	0.34
(29,489)	1:13:A:ALA:HB2	1:79:A:THR:H	4	0.34
(29,489)	1:13:A:ALA:HB3	1:79:A:THR:H	4	0.34
(29,426)	1:125:A:THR:H	1:125:A:THR:HG21	6	0.34
(29,426)	1:125:A:THR:H	1:125:A:THR:HG22	6	0.34
(29,426)	1:125:A:THR:H	1:125:A:THR:HG23	6	0.34
(29,289)	1:50:A:ALA:HB1	1:52:A:CYS:H	9	0.34
(29,289)	1:50:A:ALA:HB2	1:52:A:CYS:H	9	0.34
(29,289)	1:50:A:ALA:HB3	1:52:A:CYS:H	9	0.34
(29,279)	1:113:A:PHE:H	1:116:A:GLN:HG3	3	0.34
(29,272)	1:112:A:GLN:H	1:112:A:GLN:HE21	7	0.34
(29,206)	1:101:A:ILE:H	1:104:A:PHE:HD1	12	0.34
(29,206)	1:101:A:ILE:H	1:104:A:PHE:HD2	12	0.34
(29,150)	1:58:A:ILE:HG13	1:59:A:CYS:H	17	0.34
(29,136)	1:41:A:LYS:HG3	1:42:A:GLU:H	19	0.34
(29,119)	1:22:A:ASP:H	1:23:A:LEU:HB2	13	0.34
(29,119)	1:22:A:ASP:H	1:23:A:LEU:HB3	13	0.34
(29,119)	1:22:A:ASP:H	1:23:A:LEU:HB2	19	0.34
(29,119)	1:22:A:ASP:H	1:23:A:LEU:HB3	19	0.34
(29,108)	1:69:A:MET:H	1:69:A:MET:HE1	15	0.34
(29,108)	1:69:A:MET:H	1:69:A:MET:HE2	15	0.34
(29,108)	1:69:A:MET:H	1:69:A:MET:HE3	15	0.34
(29,67)	1:81:A:GLU:H	1:81:A:GLU:HG2	6	0.34
(29,67)	1:81:A:GLU:H	1:81:A:GLU:HG3	6	0.34
(23,16)	1:117:A:VAL:N	1:113:A:PHE:O	10	0.34
(23,7)	1:60:A:LEU:N	1:56:A:CYS:O	12	0.34
(23,6)	1:59:A:CYS:N	1:55:A:GLY:O	12	0.34
(23,5)	1:58:A:ILE:N	1:54:A:ARG:O	1	0.34
(23,4)	1:45:A:ALA:N	1:41:A:LYS:O	15	0.34
(23,1)	1:17:A:ASN:N	1:13:A:ALA:O	18	0.34
(22,33)	1:118:A:ASP:H	1:114:A:ILE:C	9	0.34
(22,28)	1:115:A:ALA:N	1:111:A:GLU:C	2	0.34
(22,27)	1:115:A:ALA:H	1:111:A:GLU:C	10	0.34
(22,27)	1:115:A:ALA:H	1:111:A:GLU:C	15	0.34
(22,22)	1:107:A:LEU:N	1:103:A:ARG:C	8	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(22,18)	1:73:A:ILE:N	1:69:A:MET:C	16	0.34
(22,17)	1:73:A:ILE:H	1:69:A:MET:C	14	0.34
(22,16)	1:61:A:SER:N	1:57:A:LEU:C	1	0.34
(22,16)	1:61:A:SER:N	1:57:A:LEU:C	15	0.34
(22,8)	1:45:A:ALA:N	1:41:A:LYS:C	13	0.34
(22,6)	1:44:A:GLU:N	1:40:A:LEU:C	9	0.34
(22,6)	1:44:A:GLU:N	1:40:A:LEU:C	11	0.34
(22,4)	1:39:A:VAL:N	1:36:A:PRO:C	14	0.34
(22,2)	1:17:A:ASN:N	1:13:A:ALA:C	7	0.34
(19,7)	1:123:A:CYS:SG	1:56:A:CYS:CB	3	0.34
(18,2430)	1:139:A:LEU:HB2	1:140:A:LEU:HD11	17	0.34
(18,2430)	1:139:A:LEU:HB2	1:140:A:LEU:HD12	17	0.34
(18,2430)	1:139:A:LEU:HB2	1:140:A:LEU:HD13	17	0.34
(18,2430)	1:139:A:LEU:HB2	1:140:A:LEU:HD21	17	0.34
(18,2430)	1:139:A:LEU:HB2	1:140:A:LEU:HD22	17	0.34
(18,2430)	1:139:A:LEU:HB2	1:140:A:LEU:HD23	17	0.34
(18,2430)	1:139:A:LEU:HB3	1:140:A:LEU:HD11	17	0.34
(18,2430)	1:139:A:LEU:HB3	1:140:A:LEU:HD12	17	0.34
(18,2430)	1:139:A:LEU:HB3	1:140:A:LEU:HD13	17	0.34
(18,2430)	1:139:A:LEU:HB3	1:140:A:LEU:HD21	17	0.34
(18,2430)	1:139:A:LEU:HB3	1:140:A:LEU:HD22	17	0.34
(18,2430)	1:139:A:LEU:HB3	1:140:A:LEU:HD23	17	0.34
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD11	3	0.34
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD12	3	0.34
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD13	3	0.34
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD21	3	0.34
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD22	3	0.34
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD23	3	0.34
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD11	3	0.34
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD12	3	0.34
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD13	3	0.34
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD21	3	0.34
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD22	3	0.34
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD23	3	0.34
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD11	3	0.34
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD12	3	0.34
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD13	3	0.34
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD21	3	0.34
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD22	3	0.34
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD23	3	0.34
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	9	0.34
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	9	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	9	0.34
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	9	0.34
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	9	0.34
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	9	0.34
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	9	0.34
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	9	0.34
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	9	0.34
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	9	0.34
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	9	0.34
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	9	0.34
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	9	0.34
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	9	0.34
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	9	0.34
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	9	0.34
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	9	0.34
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	9	0.34
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD11	16	0.34
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD12	16	0.34
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD13	16	0.34
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD21	16	0.34
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD22	16	0.34
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD23	16	0.34
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD11	10	0.34
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD12	10	0.34
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD13	10	0.34
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD21	10	0.34
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD22	10	0.34
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD23	10	0.34
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	8	0.34
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	8	0.34
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	8	0.34
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	8	0.34
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	8	0.34
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	8	0.34
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	8	0.34
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	8	0.34
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	8	0.34
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	8	0.34
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	8	0.34
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	8	0.34
(18,1936)	1:10:A:ASN:HB2	1:61:A:SER:HA	18	0.34
(18,1936)	1:10:A:ASN:HB3	1:61:A:SER:HA	18	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1900)	1:80:A:TYR:HE1	1:81:A:GLU:H	4	0.34
(18,1900)	1:80:A:TYR:HE2	1:81:A:GLU:H	4	0.34
(18,1848)	1:9:A:PHE:HE1	1:54:A:ARG:HE	14	0.34
(18,1848)	1:9:A:PHE:HE2	1:54:A:ARG:HE	14	0.34
(18,1837)	1:80:A:TYR:HE1	1:81:A:GLU:HB2	7	0.34
(18,1837)	1:80:A:TYR:HE2	1:81:A:GLU:HB2	7	0.34
(18,1837)	1:80:A:TYR:HE1	1:81:A:GLU:HB2	11	0.34
(18,1837)	1:80:A:TYR:HE2	1:81:A:GLU:HB2	11	0.34
(18,1750)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	3	0.34
(18,1750)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	3	0.34
(18,1750)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	3	0.34
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	1	0.34
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	1	0.34
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	1	0.34
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	1	0.34
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	1	0.34
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	1	0.34
(18,1683)	1:43:A:MET:HG2	1:43:A:MET:HE1	1	0.34
(18,1683)	1:43:A:MET:HG2	1:43:A:MET:HE2	1	0.34
(18,1683)	1:43:A:MET:HG2	1:43:A:MET:HE3	1	0.34
(18,1672)	1:72:A:PHE:HB2	1:109:A:PRO:HA	15	0.34
(18,1643)	1:69:A:MET:HE1	1:116:A:GLN:HG3	18	0.34
(18,1643)	1:69:A:MET:HE2	1:116:A:GLN:HG3	18	0.34
(18,1643)	1:69:A:MET:HE3	1:116:A:GLN:HG3	18	0.34
(18,1629)	1:31:A:PRO:HD3	1:140:A:LEU:HA	13	0.34
(18,1570)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	14	0.34
(18,1570)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	14	0.34
(18,1570)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	14	0.34
(18,1569)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	13	0.34
(18,1569)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	13	0.34
(18,1569)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	13	0.34
(18,1553)	1:11:A:ILE:HD11	1:43:A:MET:HB2	15	0.34
(18,1553)	1:11:A:ILE:HD12	1:43:A:MET:HB2	15	0.34
(18,1553)	1:11:A:ILE:HD13	1:43:A:MET:HB2	15	0.34
(18,1488)	1:114:A:ILE:HG21	1:117:A:VAL:HB	17	0.34
(18,1488)	1:114:A:ILE:HG22	1:117:A:VAL:HB	17	0.34
(18,1488)	1:114:A:ILE:HG23	1:117:A:VAL:HB	17	0.34
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG21	8	0.34
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG22	8	0.34
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG23	8	0.34
(18,1389)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	10	0.34
(18,1389)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	10	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1389)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	10	0.34
(18,1389)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	10	0.34
(18,1389)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	10	0.34
(18,1389)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	10	0.34
(18,1306)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.34
(18,1306)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.34
(18,1306)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.34
(18,1306)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.34
(18,1306)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.34
(18,1306)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.34
(18,1306)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.34
(18,1306)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.34
(18,1306)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.34
(18,1124)	1:43:A:MET:HA	1:43:A:MET:HG3	8	0.34
(18,1082)	1:54:A:ARG:HA	1:58:A:ILE:HG13	1	0.34
(18,1081)	1:140:A:LEU:H	1:140:A:LEU:HG	4	0.34
(18,1029)	1:81:A:GLU:H	1:81:A:GLU:HB2	10	0.34
(18,1011)	1:31:A:PRO:HA	1:32:A:GLY:H	11	0.34
(18,919)	1:20:A:THR:HB	1:21:A:THR:H	8	0.34
(18,907)	1:79:A:THR:HB	1:80:A:TYR:HD1	11	0.34
(18,907)	1:79:A:THR:HB	1:80:A:TYR:HD2	11	0.34
(18,810)	1:55:A:GLY:H	1:58:A:ILE:HD11	10	0.34
(18,810)	1:55:A:GLY:H	1:58:A:ILE:HD12	10	0.34
(18,810)	1:55:A:GLY:H	1:58:A:ILE:HD13	10	0.34
(18,783)	1:101:A:ILE:HD11	1:104:A:PHE:H	13	0.34
(18,783)	1:101:A:ILE:HD12	1:104:A:PHE:H	13	0.34
(18,783)	1:101:A:ILE:HD13	1:104:A:PHE:H	13	0.34
(18,774)	1:32:A:GLY:HA2	1:34:A:LYS:H	2	0.34
(18,756)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	14	0.34
(18,741)	1:17:A:ASN:HD21	1:18:A:PHE:H	15	0.34
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB2	12	0.34
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB3	12	0.34
(18,583)	1:98:A:ILE:HD11	1:116:A:GLN:H	10	0.34
(18,583)	1:98:A:ILE:HD12	1:116:A:GLN:H	10	0.34
(18,583)	1:98:A:ILE:HD13	1:116:A:GLN:H	10	0.34
(18,516)	1:101:A:ILE:HD11	1:105:A:LYS:H	15	0.34
(18,516)	1:101:A:ILE:HD12	1:105:A:LYS:H	15	0.34
(18,516)	1:101:A:ILE:HD13	1:105:A:LYS:H	15	0.34
(18,499)	1:13:A:ALA:HB1	1:79:A:THR:H	4	0.34
(18,499)	1:13:A:ALA:HB2	1:79:A:THR:H	4	0.34
(18,499)	1:13:A:ALA:HB3	1:79:A:THR:H	4	0.34
(18,435)	1:125:A:THR:H	1:125:A:THR:HG21	6	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,435)	1:125:A:THR:H	1:125:A:THR:HG22	6	0.34
(18,435)	1:125:A:THR:H	1:125:A:THR:HG23	6	0.34
(18,279)	1:112:A:GLN:H	1:112:A:GLN:HE21	7	0.34
(18,238)	1:10:A:ASN:H	1:13:A:ALA:HB1	13	0.34
(18,238)	1:10:A:ASN:H	1:13:A:ALA:HB2	13	0.34
(18,238)	1:10:A:ASN:H	1:13:A:ALA:HB3	13	0.34
(18,207)	1:101:A:ILE:H	1:104:A:PHE:HD1	12	0.34
(18,207)	1:101:A:ILE:H	1:104:A:PHE:HD2	12	0.34
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD11	9	0.34
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD12	9	0.34
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD13	9	0.34
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD11	12	0.34
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD12	12	0.34
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD13	12	0.34
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD11	14	0.34
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD12	14	0.34
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD13	14	0.34
(18,69)	1:81:A:GLU:H	1:81:A:GLU:HG2	16	0.34
(18,69)	1:81:A:GLU:H	1:81:A:GLU:HG3	16	0.34
(18,51)	1:44:A:GLU:HB2	1:47:A:ALA:H	8	0.34
(18,51)	1:44:A:GLU:HB3	1:47:A:ALA:H	8	0.34
(18,35)	1:96:A:VAL:H	1:96:A:VAL:HB	10	0.34
(17,2404)	1:128:A:LEU:HB3	1:131:A:LEU:HD11	7	0.34
(17,2404)	1:128:A:LEU:HB3	1:131:A:LEU:HD12	7	0.34
(17,2404)	1:128:A:LEU:HB3	1:131:A:LEU:HD13	7	0.34
(17,2404)	1:128:A:LEU:HB3	1:131:A:LEU:HD21	7	0.34
(17,2404)	1:128:A:LEU:HB3	1:131:A:LEU:HD22	7	0.34
(17,2404)	1:128:A:LEU:HB3	1:131:A:LEU:HD23	7	0.34
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	9	0.34
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	9	0.34
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	9	0.34
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	9	0.34
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	9	0.34
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	9	0.34
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	9	0.34
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	9	0.34
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	9	0.34
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	9	0.34
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	9	0.34
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	9	0.34
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	9	0.34
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	9	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	9	0.34
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	9	0.34
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	9	0.34
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	9	0.34
(17,2272)	1:74:A:PRO:HA	1:77:A:CYS:HB2	11	0.34
(17,2272)	1:74:A:PRO:HA	1:77:A:CYS:HB3	11	0.34
(17,2184)	1:47:A:ALA:HA	1:57:A:LEU:HD11	10	0.34
(17,2184)	1:47:A:ALA:HA	1:57:A:LEU:HD12	10	0.34
(17,2184)	1:47:A:ALA:HA	1:57:A:LEU:HD13	10	0.34
(17,2184)	1:47:A:ALA:HA	1:57:A:LEU:HD21	10	0.34
(17,2184)	1:47:A:ALA:HA	1:57:A:LEU:HD22	10	0.34
(17,2184)	1:47:A:ALA:HA	1:57:A:LEU:HD23	10	0.34
(17,2183)	1:47:A:ALA:H	1:134:A:VAL:HG11	12	0.34
(17,2183)	1:47:A:ALA:H	1:134:A:VAL:HG12	12	0.34
(17,2183)	1:47:A:ALA:H	1:134:A:VAL:HG13	12	0.34
(17,2183)	1:47:A:ALA:H	1:134:A:VAL:HG21	12	0.34
(17,2183)	1:47:A:ALA:H	1:134:A:VAL:HG22	12	0.34
(17,2183)	1:47:A:ALA:H	1:134:A:VAL:HG23	12	0.34
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	15	0.34
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	15	0.34
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	15	0.34
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	15	0.34
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	15	0.34
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	15	0.34
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	6	0.34
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	6	0.34
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	6	0.34
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	6	0.34
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	6	0.34
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	6	0.34
(17,2144)	1:40:A:LEU:HD11	1:41:A:LYS:H	15	0.34
(17,2144)	1:40:A:LEU:HD12	1:41:A:LYS:H	15	0.34
(17,2144)	1:40:A:LEU:HD13	1:41:A:LYS:H	15	0.34
(17,2144)	1:40:A:LEU:HD21	1:41:A:LYS:H	15	0.34
(17,2144)	1:40:A:LEU:HD22	1:41:A:LYS:H	15	0.34
(17,2144)	1:40:A:LEU:HD23	1:41:A:LYS:H	15	0.34
(17,2078)	1:34:A:LYS:H	1:81:A:GLU:HB2	8	0.34
(17,2078)	1:34:A:LYS:H	1:81:A:GLU:HB3	8	0.34
(17,2004)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	14	0.34
(17,2004)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	14	0.34
(17,2004)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	14	0.34
(17,2004)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	14	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2004)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	14	0.34
(17,2004)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	14	0.34
(17,2004)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	14	0.34
(17,2004)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	14	0.34
(17,2004)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	14	0.34
(17,2004)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	14	0.34
(17,2004)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	14	0.34
(17,2004)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	14	0.34
(17,1927)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	19	0.34
(17,1927)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	19	0.34
(17,1927)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	19	0.34
(17,1927)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	19	0.34
(17,1927)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	19	0.34
(17,1927)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	19	0.34
(17,1925)	1:80:A:TYR:HE1	1:81:A:GLU:H	4	0.34
(17,1925)	1:80:A:TYR:HE2	1:81:A:GLU:H	4	0.34
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	4	0.34
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	4	0.34
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	4	0.34
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	4	0.34
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	4	0.34
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	4	0.34
(17,1808)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	3	0.34
(17,1808)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	3	0.34
(17,1808)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	3	0.34
(17,1808)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	3	0.34
(17,1808)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	3	0.34
(17,1808)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	3	0.34
(17,1782)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	3	0.34
(17,1782)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	3	0.34
(17,1782)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	3	0.34
(17,1724)	1:67:A:PRO:HD2	1:95:A:ILE:HA	9	0.34
(17,1675)	1:69:A:MET:HE1	1:116:A:GLN:HE21	2	0.34
(17,1675)	1:69:A:MET:HE2	1:116:A:GLN:HE21	2	0.34
(17,1675)	1:69:A:MET:HE3	1:116:A:GLN:HE21	2	0.34
(17,1587)	1:11:A:ILE:HD11	1:43:A:MET:HB2	15	0.34
(17,1587)	1:11:A:ILE:HD12	1:43:A:MET:HB2	15	0.34
(17,1587)	1:11:A:ILE:HD13	1:43:A:MET:HB2	15	0.34
(17,1556)	1:110:A:MET:H	1:110:A:MET:HE1	16	0.34
(17,1556)	1:110:A:MET:H	1:110:A:MET:HE2	16	0.34
(17,1556)	1:110:A:MET:H	1:110:A:MET:HE3	16	0.34
(17,1498)	1:101:A:ILE:HG21	1:115:A:ALA:H	12	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1498)	1:101:A:ILE:HG22	1:115:A:ALA:H	12	0.34
(17,1498)	1:101:A:ILE:HG23	1:115:A:ALA:H	12	0.34
(17,1477)	1:13:A:ALA:HB1	1:79:A:THR:HB	1	0.34
(17,1477)	1:13:A:ALA:HB2	1:79:A:THR:HB	1	0.34
(17,1477)	1:13:A:ALA:HB3	1:79:A:THR:HB	1	0.34
(17,1388)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	12	0.34
(17,1388)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	12	0.34
(17,1388)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	12	0.34
(17,1320)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.34
(17,1320)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.34
(17,1320)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.34
(17,1320)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.34
(17,1320)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.34
(17,1320)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.34
(17,1320)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.34
(17,1320)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.34
(17,1320)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.34
(17,1308)	1:59:A:CYS:HA	1:60:A:LEU:HD21	12	0.34
(17,1308)	1:59:A:CYS:HA	1:60:A:LEU:HD22	12	0.34
(17,1308)	1:59:A:CYS:HA	1:60:A:LEU:HD23	12	0.34
(17,1298)	1:66:A:THR:HG21	1:96:A:VAL:H	1	0.34
(17,1298)	1:66:A:THR:HG22	1:96:A:VAL:H	1	0.34
(17,1298)	1:66:A:THR:HG23	1:96:A:VAL:H	1	0.34
(17,1048)	1:11:A:ILE:HA	1:11:A:ILE:HD11	3	0.34
(17,1048)	1:11:A:ILE:HA	1:11:A:ILE:HD12	3	0.34
(17,1048)	1:11:A:ILE:HA	1:11:A:ILE:HD13	3	0.34
(17,1005)	1:31:A:PRO:HA	1:32:A:GLY:H	11	0.34
(17,997)	1:12:A:VAL:HB	1:43:A:MET:HE1	1	0.34
(17,997)	1:12:A:VAL:HB	1:43:A:MET:HE2	1	0.34
(17,997)	1:12:A:VAL:HB	1:43:A:MET:HE3	1	0.34
(17,995)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	19	0.34
(17,995)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	19	0.34
(17,914)	1:20:A:THR:HB	1:21:A:THR:H	8	0.34
(17,900)	1:79:A:THR:HB	1:80:A:TYR:HD1	11	0.34
(17,900)	1:79:A:THR:HB	1:80:A:TYR:HD2	11	0.34
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	16	0.34
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	16	0.34
(17,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	16	0.34
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	16	0.34
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	16	0.34
(17,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	16	0.34
(17,744)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	14	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,643)	1:66:A:THR:H	1:69:A:MET:HA	6	0.34
(17,577)	1:126:A:GLY:H	1:128:A:LEU:HG	10	0.34
(17,577)	1:126:A:GLY:H	1:128:A:LEU:HG	14	0.34
(17,562)	1:98:A:ILE:HD11	1:116:A:GLN:H	10	0.34
(17,562)	1:98:A:ILE:HD12	1:116:A:GLN:H	10	0.34
(17,562)	1:98:A:ILE:HD13	1:116:A:GLN:H	10	0.34
(17,480)	1:13:A:ALA:HB1	1:79:A:THR:H	4	0.34
(17,480)	1:13:A:ALA:HB2	1:79:A:THR:H	4	0.34
(17,480)	1:13:A:ALA:HB3	1:79:A:THR:H	4	0.34
(17,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	9	0.34
(17,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	9	0.34
(17,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	9	0.34
(17,276)	1:113:A:PHE:H	1:116:A:GLN:HG3	3	0.34
(17,132)	1:13:A:ALA:HB1	1:80:A:TYR:H	6	0.34
(17,132)	1:13:A:ALA:HB2	1:80:A:TYR:H	6	0.34
(17,132)	1:13:A:ALA:HB3	1:80:A:TYR:H	6	0.34
(17,64)	1:81:A:GLU:H	1:81:A:GLU:HG2	6	0.34
(17,64)	1:81:A:GLU:H	1:81:A:GLU:HG3	6	0.34
(16,2371)	1:116:A:GLN:HG2	1:117:A:VAL:HA	10	0.34
(16,2371)	1:116:A:GLN:HG3	1:117:A:VAL:HA	10	0.34
(16,2331)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	4	0.34
(16,2331)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	4	0.34
(16,2331)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	4	0.34
(16,2331)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	4	0.34
(16,2331)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	4	0.34
(16,2331)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	4	0.34
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD11	10	0.34
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD12	10	0.34
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD13	10	0.34
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD21	10	0.34
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD22	10	0.34
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD23	10	0.34
(16,2205)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	7	0.34
(16,2205)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	7	0.34
(16,2205)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	7	0.34
(16,2205)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	7	0.34
(16,2205)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	7	0.34
(16,2205)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	7	0.34
(16,2205)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	7	0.34
(16,2205)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	7	0.34
(16,2205)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	7	0.34
(16,2205)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	7	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2205)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	7	0.34
(16,2205)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	7	0.34
(16,2205)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	7	0.34
(16,2205)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	7	0.34
(16,2205)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	7	0.34
(16,2205)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	7	0.34
(16,2205)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	7	0.34
(16,2205)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	7	0.34
(16,2205)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	7	0.34
(16,2205)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	7	0.34
(16,2205)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	7	0.34
(16,2205)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	7	0.34
(16,2205)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	7	0.34
(16,2205)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	7	0.34
(16,2205)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	7	0.34
(16,2205)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	7	0.34
(16,2205)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	7	0.34
(16,2205)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	7	0.34
(16,2205)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	7	0.34
(16,2205)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	7	0.34
(16,2205)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	7	0.34
(16,2205)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	7	0.34
(16,2205)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	7	0.34
(16,2205)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	7	0.34
(16,2205)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	7	0.34
(16,2205)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	7	0.34
(16,2194)	1:57:A:LEU:HD11	1:60:A:LEU:HG	3	0.34
(16,2194)	1:57:A:LEU:HD12	1:60:A:LEU:HG	3	0.34
(16,2194)	1:57:A:LEU:HD13	1:60:A:LEU:HG	3	0.34
(16,2194)	1:57:A:LEU:HD21	1:60:A:LEU:HG	3	0.34
(16,2194)	1:57:A:LEU:HD22	1:60:A:LEU:HG	3	0.34
(16,2194)	1:57:A:LEU:HD23	1:60:A:LEU:HG	3	0.34
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD11	3	0.34
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD12	3	0.34
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD13	3	0.34
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD21	3	0.34
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD22	3	0.34
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD23	3	0.34
(16,2092)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	4	0.34
(16,2092)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	4	0.34
(16,2092)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	4	0.34
(16,2092)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	4	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2092)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	4	0.34
(16,2092)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	4	0.34
(16,2090)	1:35:A:LEU:HD11	1:143:A:TRP:HA	6	0.34
(16,2090)	1:35:A:LEU:HD12	1:143:A:TRP:HA	6	0.34
(16,2090)	1:35:A:LEU:HD13	1:143:A:TRP:HA	6	0.34
(16,2090)	1:35:A:LEU:HD21	1:143:A:TRP:HA	6	0.34
(16,2090)	1:35:A:LEU:HD22	1:143:A:TRP:HA	6	0.34
(16,2090)	1:35:A:LEU:HD23	1:143:A:TRP:HA	6	0.34
(16,2081)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	4	0.34
(16,2081)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	4	0.34
(16,2081)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	4	0.34
(16,2081)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	4	0.34
(16,2081)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	4	0.34
(16,2081)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	4	0.34
(16,2070)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	14	0.34
(16,2070)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	14	0.34
(16,2070)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	14	0.34
(16,2070)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	14	0.34
(16,1980)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	16	0.34
(16,1980)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	16	0.34
(16,1980)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	16	0.34
(16,1980)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	16	0.34
(16,1980)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	16	0.34
(16,1980)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	16	0.34
(16,1980)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	16	0.34
(16,1980)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	16	0.34
(16,1980)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	16	0.34
(16,1980)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	16	0.34
(16,1980)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	16	0.34
(16,1980)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	16	0.34
(16,1980)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	16	0.34
(16,1980)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	16	0.34
(16,1980)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	16	0.34
(16,1980)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	16	0.34
(16,1980)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	16	0.34
(16,1980)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	16	0.34
(16,1950)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	8	0.34
(16,1950)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	8	0.34
(16,1950)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	8	0.34
(16,1950)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	8	0.34
(16,1950)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	8	0.34
(16,1950)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	8	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	16	0.34
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	16	0.34
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	16	0.34
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	16	0.34
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	16	0.34
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	16	0.34
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	16	0.34
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	16	0.34
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	16	0.34
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	16	0.34
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	16	0.34
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	16	0.34
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	16	0.34
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	16	0.34
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	16	0.34
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	16	0.34
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	16	0.34
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	16	0.34
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD11	5	0.34
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD12	5	0.34
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD13	5	0.34
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD21	5	0.34
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD22	5	0.34
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD23	5	0.34
(16,1906)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	10	0.34
(16,1906)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	10	0.34
(16,1853)	1:76:A:ARG:HB3	1:113:A:PHE:HE1	19	0.34
(16,1853)	1:76:A:ARG:HB3	1:113:A:PHE:HE2	19	0.34
(16,1837)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	4	0.34
(16,1837)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	4	0.34
(16,1837)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	4	0.34
(16,1837)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	4	0.34
(16,1784)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	3	0.34
(16,1784)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	3	0.34
(16,1784)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	3	0.34
(16,1784)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	3	0.34
(16,1784)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	3	0.34
(16,1784)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	3	0.34
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG21	2	0.34
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG22	2	0.34
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG23	2	0.34
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG21	2	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG22	2	0.34
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG23	2	0.34
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG21	2	0.34
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG22	2	0.34
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG23	2	0.34
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE1	12	0.34
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE2	12	0.34
(16,1690)	1:43:A:MET:HG3	1:43:A:MET:HE3	12	0.34
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG11	14	0.34
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG12	14	0.34
(16,1647)	1:50:A:ALA:H	1:134:A:VAL:HG13	14	0.34
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG21	13	0.34
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG22	13	0.34
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG23	13	0.34
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG21	15	0.34
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG22	15	0.34
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG23	15	0.34
(16,1544)	1:46:A:ASN:HB2	1:134:A:VAL:H	6	0.34
(16,1535)	1:110:A:MET:H	1:110:A:MET:HE1	16	0.34
(16,1535)	1:110:A:MET:H	1:110:A:MET:HE2	16	0.34
(16,1535)	1:110:A:MET:H	1:110:A:MET:HE3	16	0.34
(16,1530)	1:69:A:MET:HE1	1:76:A:ARG:HB3	15	0.34
(16,1530)	1:69:A:MET:HE2	1:76:A:ARG:HB3	15	0.34
(16,1530)	1:69:A:MET:HE3	1:76:A:ARG:HB3	15	0.34
(16,1474)	1:101:A:ILE:HG21	1:115:A:ALA:H	12	0.34
(16,1474)	1:101:A:ILE:HG22	1:115:A:ALA:H	12	0.34
(16,1474)	1:101:A:ILE:HG23	1:115:A:ALA:H	12	0.34
(16,1316)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.34
(16,1316)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.34
(16,1316)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.34
(16,1316)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.34
(16,1316)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.34
(16,1316)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.34
(16,1316)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.34
(16,1316)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.34
(16,1316)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.34
(16,1302)	1:66:A:THR:HG21	1:96:A:VAL:HA	11	0.34
(16,1302)	1:66:A:THR:HG22	1:96:A:VAL:HA	11	0.34
(16,1302)	1:66:A:THR:HG23	1:96:A:VAL:HA	11	0.34
(16,1198)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	8	0.34
(16,1198)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	8	0.34
(16,1198)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	8	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1196)	1:40:A:LEU:H	1:40:A:LEU:HD21	12	0.34
(16,1196)	1:40:A:LEU:H	1:40:A:LEU:HD22	12	0.34
(16,1196)	1:40:A:LEU:H	1:40:A:LEU:HD23	12	0.34
(16,1136)	1:40:A:LEU:HA	1:43:A:MET:HG3	19	0.34
(16,1058)	1:11:A:ILE:HA	1:11:A:ILE:HD11	3	0.34
(16,1058)	1:11:A:ILE:HA	1:11:A:ILE:HD12	3	0.34
(16,1058)	1:11:A:ILE:HA	1:11:A:ILE:HD13	3	0.34
(16,1019)	1:31:A:PRO:HA	1:32:A:GLY:H	11	0.34
(16,909)	1:79:A:THR:HB	1:80:A:TYR:HD1	11	0.34
(16,909)	1:79:A:THR:HB	1:80:A:TYR:HD2	11	0.34
(16,907)	1:11:A:ILE:HB	1:44:A:GLU:HB2	10	0.34
(16,907)	1:11:A:ILE:HB	1:44:A:GLU:HB3	10	0.34
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	19	0.34
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	19	0.34
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	19	0.34
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	16	0.34
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	16	0.34
(16,797)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	16	0.34
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	16	0.34
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	16	0.34
(16,797)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	16	0.34
(16,793)	1:63:A:ILE:HD11	1:64:A:LYS:H	10	0.34
(16,793)	1:63:A:ILE:HD12	1:64:A:LYS:H	10	0.34
(16,793)	1:63:A:ILE:HD13	1:64:A:LYS:H	10	0.34
(16,793)	1:63:A:ILE:HD11	1:64:A:LYS:H	13	0.34
(16,793)	1:63:A:ILE:HD12	1:64:A:LYS:H	13	0.34
(16,793)	1:63:A:ILE:HD13	1:64:A:LYS:H	13	0.34
(16,645)	1:66:A:THR:H	1:69:A:MET:HA	6	0.34
(16,630)	1:46:A:ASN:HD21	1:47:A:ALA:H	10	0.34
(16,573)	1:98:A:ILE:HD11	1:116:A:GLN:H	10	0.34
(16,573)	1:98:A:ILE:HD12	1:116:A:GLN:H	10	0.34
(16,573)	1:98:A:ILE:HD13	1:116:A:GLN:H	10	0.34
(16,566)	1:10:A:ASN:HD21	1:14:A:VAL:HB	5	0.34
(16,488)	1:13:A:ALA:HB1	1:79:A:THR:H	4	0.34
(16,488)	1:13:A:ALA:HB2	1:79:A:THR:H	4	0.34
(16,488)	1:13:A:ALA:HB3	1:79:A:THR:H	4	0.34
(16,427)	1:125:A:THR:H	1:125:A:THR:HG21	6	0.34
(16,427)	1:125:A:THR:H	1:125:A:THR:HG22	6	0.34
(16,427)	1:125:A:THR:H	1:125:A:THR:HG23	6	0.34
(16,380)	1:40:A:LEU:HB2	1:41:A:LYS:H	12	0.34
(16,302)	1:42:A:GLU:HB3	1:43:A:MET:H	8	0.34
(16,294)	1:50:A:ALA:HB1	1:52:A:CYS:H	9	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,294)	1:50:A:ALA:HB2	1:52:A:CYS:H	9	0.34
(16,294)	1:50:A:ALA:HB3	1:52:A:CYS:H	9	0.34
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG21	1	0.34
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG22	1	0.34
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG23	1	0.34
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG21	4	0.34
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG22	4	0.34
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG23	4	0.34
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG21	5	0.34
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG22	5	0.34
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG23	5	0.34
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG21	14	0.34
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG22	14	0.34
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG23	14	0.34
(16,63)	1:81:A:GLU:H	1:81:A:GLU:HG2	6	0.34
(16,63)	1:81:A:GLU:H	1:81:A:GLU:HG3	6	0.34
(16,47)	1:44:A:GLU:HB2	1:47:A:ALA:H	8	0.34
(16,47)	1:44:A:GLU:HB3	1:47:A:ALA:H	8	0.34
(15,2209)	1:65:A:CYS:HB2	1:70:A:LYS:HA	11	0.34
(15,2209)	1:65:A:CYS:HB3	1:70:A:LYS:HA	11	0.34
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	17	0.34
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	17	0.34
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	17	0.34
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	17	0.34
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	17	0.34
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	17	0.34
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG11	1	0.34
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG12	1	0.34
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG13	1	0.34
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG21	1	0.34
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG22	1	0.34
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG23	1	0.34
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	15	0.34
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	15	0.34
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	15	0.34
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	15	0.34
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	15	0.34
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	15	0.34
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	6	0.34
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	6	0.34
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	6	0.34
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	6	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	6	0.34
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	6	0.34
(15,2068)	1:38:A:GLU:HA	1:139:A:LEU:HD11	13	0.34
(15,2068)	1:38:A:GLU:HA	1:139:A:LEU:HD12	13	0.34
(15,2068)	1:38:A:GLU:HA	1:139:A:LEU:HD13	13	0.34
(15,2068)	1:38:A:GLU:HA	1:139:A:LEU:HD21	13	0.34
(15,2068)	1:38:A:GLU:HA	1:139:A:LEU:HD22	13	0.34
(15,2068)	1:38:A:GLU:HA	1:139:A:LEU:HD23	13	0.34
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	18	0.34
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	18	0.34
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	18	0.34
(15,1870)	1:66:A:THR:HG21	1:104:A:PHE:HE1	6	0.34
(15,1870)	1:66:A:THR:HG21	1:104:A:PHE:HE2	6	0.34
(15,1870)	1:66:A:THR:HG22	1:104:A:PHE:HE1	6	0.34
(15,1870)	1:66:A:THR:HG22	1:104:A:PHE:HE2	6	0.34
(15,1870)	1:66:A:THR:HG23	1:104:A:PHE:HE1	6	0.34
(15,1870)	1:66:A:THR:HG23	1:104:A:PHE:HE2	6	0.34
(15,1845)	1:9:A:PHE:HE1	1:54:A:ARG:HE	14	0.34
(15,1845)	1:9:A:PHE:HE2	1:54:A:ARG:HE	14	0.34
(15,1818)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	4	0.34
(15,1818)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	4	0.34
(15,1818)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	4	0.34
(15,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	3	0.34
(15,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	3	0.34
(15,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	3	0.34
(15,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	3	0.34
(15,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	3	0.34
(15,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	3	0.34
(15,1780)	1:72:A:PHE:HD1	1:109:A:PRO:HB2	7	0.34
(15,1780)	1:72:A:PHE:HD1	1:109:A:PRO:HB3	7	0.34
(15,1780)	1:72:A:PHE:HD2	1:109:A:PRO:HB2	7	0.34
(15,1780)	1:72:A:PHE:HD2	1:109:A:PRO:HB3	7	0.34
(15,1749)	1:141:A:LYS:HA	1:148:A:CYS:H	8	0.34
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG21	18	0.34
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG22	18	0.34
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG23	18	0.34
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG21	18	0.34
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG22	18	0.34
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG23	18	0.34
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG21	18	0.34
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG22	18	0.34
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG23	18	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1682)	1:72:A:PHE:HB2	1:109:A:PRO:HA	15	0.34
(15,1578)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	14	0.34
(15,1578)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	14	0.34
(15,1578)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	14	0.34
(15,1577)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	15	0.34
(15,1577)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	15	0.34
(15,1577)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	15	0.34
(15,1562)	1:11:A:ILE:HD11	1:43:A:MET:HB2	15	0.34
(15,1562)	1:11:A:ILE:HD12	1:43:A:MET:HB2	15	0.34
(15,1562)	1:11:A:ILE:HD13	1:43:A:MET:HB2	15	0.34
(15,1560)	1:11:A:ILE:HD11	1:14:A:VAL:H	19	0.34
(15,1560)	1:11:A:ILE:HD12	1:14:A:VAL:H	19	0.34
(15,1560)	1:11:A:ILE:HD13	1:14:A:VAL:H	19	0.34
(15,1525)	1:63:A:ILE:HG21	1:69:A:MET:HE1	17	0.34
(15,1525)	1:63:A:ILE:HG21	1:69:A:MET:HE2	17	0.34
(15,1525)	1:63:A:ILE:HG21	1:69:A:MET:HE3	17	0.34
(15,1525)	1:63:A:ILE:HG22	1:69:A:MET:HE1	17	0.34
(15,1525)	1:63:A:ILE:HG22	1:69:A:MET:HE2	17	0.34
(15,1525)	1:63:A:ILE:HG22	1:69:A:MET:HE3	17	0.34
(15,1525)	1:63:A:ILE:HG23	1:69:A:MET:HE1	17	0.34
(15,1525)	1:63:A:ILE:HG23	1:69:A:MET:HE2	17	0.34
(15,1525)	1:63:A:ILE:HG23	1:69:A:MET:HE3	17	0.34
(15,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	9	0.34
(15,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	9	0.34
(15,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	9	0.34
(15,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	9	0.34
(15,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	9	0.34
(15,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	9	0.34
(15,1473)	1:101:A:ILE:HG21	1:115:A:ALA:HA	10	0.34
(15,1473)	1:101:A:ILE:HG22	1:115:A:ALA:HA	10	0.34
(15,1473)	1:101:A:ILE:HG23	1:115:A:ALA:HA	10	0.34
(15,1467)	1:101:A:ILE:HG21	1:115:A:ALA:H	12	0.34
(15,1467)	1:101:A:ILE:HG22	1:115:A:ALA:H	12	0.34
(15,1467)	1:101:A:ILE:HG23	1:115:A:ALA:H	12	0.34
(15,1424)	1:69:A:MET:HE1	1:73:A:ILE:HG21	12	0.34
(15,1424)	1:69:A:MET:HE1	1:73:A:ILE:HG22	12	0.34
(15,1424)	1:69:A:MET:HE1	1:73:A:ILE:HG23	12	0.34
(15,1424)	1:69:A:MET:HE2	1:73:A:ILE:HG21	12	0.34
(15,1424)	1:69:A:MET:HE2	1:73:A:ILE:HG22	12	0.34
(15,1424)	1:69:A:MET:HE2	1:73:A:ILE:HG23	12	0.34
(15,1424)	1:69:A:MET:HE3	1:73:A:ILE:HG21	12	0.34
(15,1424)	1:69:A:MET:HE3	1:73:A:ILE:HG22	12	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1424)	1:69:A:MET:HE3	1:73:A:ILE:HG23	12	0.34
(15,1388)	1:19:A:ALA:HB1	1:21:A:THR:HG21	18	0.34
(15,1388)	1:19:A:ALA:HB1	1:21:A:THR:HG22	18	0.34
(15,1388)	1:19:A:ALA:HB1	1:21:A:THR:HG23	18	0.34
(15,1388)	1:19:A:ALA:HB2	1:21:A:THR:HG21	18	0.34
(15,1388)	1:19:A:ALA:HB2	1:21:A:THR:HG22	18	0.34
(15,1388)	1:19:A:ALA:HB2	1:21:A:THR:HG23	18	0.34
(15,1388)	1:19:A:ALA:HB3	1:21:A:THR:HG21	18	0.34
(15,1388)	1:19:A:ALA:HB3	1:21:A:THR:HG22	18	0.34
(15,1388)	1:19:A:ALA:HB3	1:21:A:THR:HG23	18	0.34
(15,1369)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	12	0.34
(15,1369)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	12	0.34
(15,1369)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	12	0.34
(15,1311)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.34
(15,1311)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.34
(15,1311)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.34
(15,1311)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.34
(15,1311)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.34
(15,1311)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.34
(15,1311)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.34
(15,1311)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.34
(15,1311)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.34
(15,1192)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	8	0.34
(15,1192)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	8	0.34
(15,1192)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	8	0.34
(15,1150)	1:145:A:PRO:HB2	1:146:A:GLN:HA	6	0.34
(15,1150)	1:145:A:PRO:HB2	1:146:A:GLN:HA	19	0.34
(15,1071)	1:140:A:LEU:H	1:140:A:LEU:HG	4	0.34
(15,1004)	1:31:A:PRO:HA	1:32:A:GLY:H	11	0.34
(15,999)	1:63:A:ILE:HA	1:64:A:LYS:HD2	11	0.34
(15,999)	1:63:A:ILE:HA	1:64:A:LYS:HD3	11	0.34
(15,909)	1:20:A:THR:HB	1:21:A:THR:H	8	0.34
(15,894)	1:69:A:MET:HE1	1:73:A:ILE:HB	18	0.34
(15,894)	1:69:A:MET:HE2	1:73:A:ILE:HB	18	0.34
(15,894)	1:69:A:MET:HE3	1:73:A:ILE:HB	18	0.34
(15,893)	1:79:A:THR:HB	1:80:A:TYR:HD1	11	0.34
(15,893)	1:79:A:THR:HB	1:80:A:TYR:HD2	11	0.34
(15,817)	1:98:A:ILE:HD11	1:104:A:PHE:HB2	13	0.34
(15,817)	1:98:A:ILE:HD12	1:104:A:PHE:HB2	13	0.34
(15,817)	1:98:A:ILE:HD13	1:104:A:PHE:HB2	13	0.34
(15,788)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	19	0.34
(15,788)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	19	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,788)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	19	0.34
(15,788)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	19	0.34
(15,788)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	19	0.34
(15,788)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	19	0.34
(15,675)	1:63:A:ILE:HG12	1:117:A:VAL:H	2	0.34
(15,675)	1:63:A:ILE:HG12	1:117:A:VAL:H	19	0.34
(15,648)	1:66:A:THR:H	1:69:A:MET:HA	6	0.34
(15,630)	1:46:A:ASN:HD21	1:47:A:ALA:H	10	0.34
(15,595)	1:70:A:LYS:HB2	1:75:A:GLY:H	6	0.34
(15,595)	1:70:A:LYS:HB3	1:75:A:GLY:H	6	0.34
(15,576)	1:98:A:ILE:HD11	1:116:A:GLN:H	10	0.34
(15,576)	1:98:A:ILE:HD12	1:116:A:GLN:H	10	0.34
(15,576)	1:98:A:ILE:HD13	1:116:A:GLN:H	10	0.34
(15,294)	1:50:A:ALA:HB1	1:52:A:CYS:H	9	0.34
(15,294)	1:50:A:ALA:HB2	1:52:A:CYS:H	9	0.34
(15,294)	1:50:A:ALA:HB3	1:52:A:CYS:H	9	0.34
(15,206)	1:101:A:ILE:H	1:104:A:PHE:HD1	12	0.34
(15,206)	1:101:A:ILE:H	1:104:A:PHE:HD2	12	0.34
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB1	7	0.34
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB2	7	0.34
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB3	7	0.34
(15,139)	1:13:A:ALA:HB1	1:80:A:TYR:H	6	0.34
(15,139)	1:13:A:ALA:HB2	1:80:A:TYR:H	6	0.34
(15,139)	1:13:A:ALA:HB3	1:80:A:TYR:H	6	0.34
(15,138)	1:41:A:LYS:HG3	1:42:A:GLU:H	19	0.34
(15,121)	1:22:A:ASP:H	1:23:A:LEU:HB2	13	0.34
(15,121)	1:22:A:ASP:H	1:23:A:LEU:HB3	13	0.34
(15,121)	1:22:A:ASP:H	1:23:A:LEU:HB2	19	0.34
(15,121)	1:22:A:ASP:H	1:23:A:LEU:HB3	19	0.34
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG11	3	0.34
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG12	3	0.34
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG13	3	0.34
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG21	3	0.34
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG22	3	0.34
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG23	3	0.34
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG11	3	0.34
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG12	3	0.34
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG13	3	0.34
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG21	3	0.34
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG22	3	0.34
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG23	3	0.34
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG11	3	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG12	3	0.34
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG13	3	0.34
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG21	3	0.34
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG22	3	0.34
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG23	3	0.34
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG11	3	0.34
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG12	3	0.34
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG13	3	0.34
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG21	3	0.34
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG22	3	0.34
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG23	3	0.34
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG11	3	0.34
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG12	3	0.34
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG13	3	0.34
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG21	3	0.34
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG22	3	0.34
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG23	3	0.34
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG11	3	0.34
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG12	3	0.34
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG13	3	0.34
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG21	3	0.34
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG22	3	0.34
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG23	3	0.34
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	9	0.34
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	9	0.34
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	9	0.34
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	9	0.34
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	9	0.34
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	9	0.34
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	9	0.34
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	9	0.34
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	9	0.34
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	9	0.34
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	9	0.34
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	9	0.34
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	9	0.34
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	9	0.34
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	9	0.34
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	9	0.34
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	9	0.34
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	9	0.34
(13,2237)	1:74:A:PRO:HA	1:77:A:CYS:HB2	11	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2237)	1:74:A:PRO:HA	1:77:A:CYS:HB3	11	0.34
(13,2197)	1:65:A:CYS:HB2	1:70:A:LYS:HA	14	0.34
(13,2197)	1:65:A:CYS:HB3	1:70:A:LYS:HA	14	0.34
(13,2172)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	7	0.34
(13,2172)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	7	0.34
(13,2172)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	7	0.34
(13,2172)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	7	0.34
(13,2172)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	7	0.34
(13,2172)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	7	0.34
(13,2172)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	7	0.34
(13,2172)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	7	0.34
(13,2172)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	7	0.34
(13,2172)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	7	0.34
(13,2172)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	7	0.34
(13,2172)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	7	0.34
(13,2172)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	7	0.34
(13,2172)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	7	0.34
(13,2172)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	7	0.34
(13,2172)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	7	0.34
(13,2172)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	7	0.34
(13,2172)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	7	0.34
(13,2172)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	7	0.34
(13,2172)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	7	0.34
(13,2172)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	7	0.34
(13,2172)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	7	0.34
(13,2172)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	7	0.34
(13,2172)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	7	0.34
(13,2172)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	7	0.34
(13,2172)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	7	0.34
(13,2172)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	7	0.34
(13,2172)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	7	0.34
(13,2172)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	7	0.34
(13,2172)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	7	0.34
(13,2172)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	7	0.34
(13,2172)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	7	0.34
(13,2172)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	7	0.34
(13,2172)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	7	0.34
(13,2172)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	7	0.34
(13,2172)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	7	0.34
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	6	0.34
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	6	0.34
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	6	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	6	0.34
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	6	0.34
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	6	0.34
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	6	0.34
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	6	0.34
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	6	0.34
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	6	0.34
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	6	0.34
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	6	0.34
(13,2065)	1:39:A:VAL:HG11	1:140:A:LEU:HG	7	0.34
(13,2065)	1:39:A:VAL:HG12	1:140:A:LEU:HG	7	0.34
(13,2065)	1:39:A:VAL:HG13	1:140:A:LEU:HG	7	0.34
(13,2065)	1:39:A:VAL:HG21	1:140:A:LEU:HG	7	0.34
(13,2065)	1:39:A:VAL:HG22	1:140:A:LEU:HG	7	0.34
(13,2065)	1:39:A:VAL:HG23	1:140:A:LEU:HG	7	0.34
(13,1903)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	7	0.34
(13,1903)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	7	0.34
(13,1903)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	7	0.34
(13,1903)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	7	0.34
(13,1872)	1:58:A:ILE:HA	1:62:A:HIS:HE1	5	0.34
(13,1867)	1:80:A:TYR:HE1	1:81:A:GLU:H	4	0.34
(13,1867)	1:80:A:TYR:HE2	1:81:A:GLU:H	4	0.34
(13,1835)	1:14:A:VAL:HA	1:18:A:PHE:HD1	17	0.34
(13,1835)	1:14:A:VAL:HA	1:18:A:PHE:HD2	17	0.34
(13,1817)	1:9:A:PHE:HZ	1:58:A:ILE:HG13	6	0.34
(13,1817)	1:9:A:PHE:HZ	1:58:A:ILE:HG13	16	0.34
(13,1816)	1:9:A:PHE:HZ	1:44:A:GLU:HA	16	0.34
(13,1758)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	3	0.34
(13,1758)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	3	0.34
(13,1758)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	3	0.34
(13,1758)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	3	0.34
(13,1758)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	3	0.34
(13,1758)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	3	0.34
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG21	18	0.34
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG22	18	0.34
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG23	18	0.34
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG21	18	0.34
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG22	18	0.34
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG23	18	0.34
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG21	18	0.34
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG22	18	0.34
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG23	18	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1670)	1:43:A:MET:HG2	1:43:A:MET:HE1	1	0.34
(13,1670)	1:43:A:MET:HG2	1:43:A:MET:HE2	1	0.34
(13,1670)	1:43:A:MET:HG2	1:43:A:MET:HE3	1	0.34
(13,1538)	1:11:A:ILE:HD11	1:14:A:VAL:H	14	0.34
(13,1538)	1:11:A:ILE:HD12	1:14:A:VAL:H	14	0.34
(13,1538)	1:11:A:ILE:HD13	1:14:A:VAL:H	14	0.34
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE1	1	0.34
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE2	1	0.34
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE3	1	0.34
(13,1472)	1:114:A:ILE:HG21	1:117:A:VAL:HB	17	0.34
(13,1472)	1:114:A:ILE:HG22	1:117:A:VAL:HB	17	0.34
(13,1472)	1:114:A:ILE:HG23	1:117:A:VAL:HB	17	0.34
(13,1400)	1:69:A:MET:HE1	1:73:A:ILE:HG21	12	0.34
(13,1400)	1:69:A:MET:HE1	1:73:A:ILE:HG22	12	0.34
(13,1400)	1:69:A:MET:HE1	1:73:A:ILE:HG23	12	0.34
(13,1400)	1:69:A:MET:HE2	1:73:A:ILE:HG21	12	0.34
(13,1400)	1:69:A:MET:HE2	1:73:A:ILE:HG22	12	0.34
(13,1400)	1:69:A:MET:HE2	1:73:A:ILE:HG23	12	0.34
(13,1400)	1:69:A:MET:HE3	1:73:A:ILE:HG21	12	0.34
(13,1400)	1:69:A:MET:HE3	1:73:A:ILE:HG22	12	0.34
(13,1400)	1:69:A:MET:HE3	1:73:A:ILE:HG23	12	0.34
(13,1372)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	10	0.34
(13,1372)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	10	0.34
(13,1372)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	10	0.34
(13,1372)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	10	0.34
(13,1372)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	10	0.34
(13,1372)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	10	0.34
(13,1289)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	16	0.34
(13,1289)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	16	0.34
(13,1289)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	16	0.34
(13,1284)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.34
(13,1284)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.34
(13,1284)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.34
(13,1284)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.34
(13,1284)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.34
(13,1284)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.34
(13,1284)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.34
(13,1284)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.34
(13,1284)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.34
(13,1199)	1:144:A:LEU:HA	1:144:A:LEU:HD11	1	0.34
(13,1199)	1:144:A:LEU:HA	1:144:A:LEU:HD12	1	0.34
(13,1199)	1:144:A:LEU:HA	1:144:A:LEU:HD13	1	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1168)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	8	0.34
(13,1168)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	8	0.34
(13,1168)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	8	0.34
(13,1055)	1:54:A:ARG:HA	1:57:A:LEU:HB3	8	0.34
(13,1052)	1:54:A:ARG:HA	1:58:A:ILE:HG13	1	0.34
(13,1051)	1:140:A:LEU:H	1:140:A:LEU:HG	4	0.34
(13,979)	1:31:A:PRO:HA	1:32:A:GLY:H	11	0.34
(13,928)	1:11:A:ILE:HD11	1:12:A:VAL:HA	12	0.34
(13,928)	1:11:A:ILE:HD12	1:12:A:VAL:HA	12	0.34
(13,928)	1:11:A:ILE:HD13	1:12:A:VAL:HA	12	0.34
(13,900)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	3	0.34
(13,900)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	3	0.34
(13,900)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	3	0.34
(13,895)	1:20:A:THR:HB	1:21:A:THR:H	8	0.34
(13,882)	1:79:A:THR:HB	1:80:A:TYR:HD1	11	0.34
(13,882)	1:79:A:THR:HB	1:80:A:TYR:HD2	11	0.34
(13,823)	1:45:A:ALA:HA	1:48:A:ARG:HD2	14	0.34
(13,823)	1:45:A:ALA:HA	1:48:A:ARG:HD3	14	0.34
(13,773)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	15	0.34
(13,773)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	15	0.34
(13,773)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	15	0.34
(13,773)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	15	0.34
(13,773)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	15	0.34
(13,773)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	15	0.34
(13,709)	1:73:A:ILE:HG21	1:76:A:ARG:HE	2	0.34
(13,709)	1:73:A:ILE:HG22	1:76:A:ARG:HE	2	0.34
(13,709)	1:73:A:ILE:HG23	1:76:A:ARG:HE	2	0.34
(13,701)	1:45:A:ALA:H	1:48:A:ARG:HE	15	0.34
(13,635)	1:66:A:THR:H	1:69:A:MET:HA	6	0.34
(13,562)	1:98:A:ILE:HD11	1:116:A:GLN:H	10	0.34
(13,562)	1:98:A:ILE:HD12	1:116:A:GLN:H	10	0.34
(13,562)	1:98:A:ILE:HD13	1:116:A:GLN:H	10	0.34
(13,555)	1:10:A:ASN:HD21	1:14:A:VAL:HB	5	0.34
(13,481)	1:13:A:ALA:HB1	1:79:A:THR:H	4	0.34
(13,481)	1:13:A:ALA:HB2	1:79:A:THR:H	4	0.34
(13,481)	1:13:A:ALA:HB3	1:79:A:THR:H	4	0.34
(13,468)	1:14:A:VAL:H	1:61:A:SER:HA	2	0.34
(13,419)	1:125:A:THR:H	1:125:A:THR:HG21	6	0.34
(13,419)	1:125:A:THR:H	1:125:A:THR:HG22	6	0.34
(13,419)	1:125:A:THR:H	1:125:A:THR:HG23	6	0.34
(13,130)	1:13:A:ALA:HB1	1:80:A:TYR:H	6	0.34
(13,130)	1:13:A:ALA:HB2	1:80:A:TYR:H	6	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,130)	1:13:A:ALA:HB3	1:80:A:TYR:H	6	0.34
(13,129)	1:41:A:LYS:HG3	1:42:A:GLU:H	19	0.34
(13,62)	1:81:A:GLU:H	1:81:A:GLU:HG2	6	0.34
(13,62)	1:81:A:GLU:H	1:81:A:GLU:HG3	6	0.34
(11,2286)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	14	0.34
(11,2286)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	14	0.34
(11,2286)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	14	0.34
(11,2286)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	14	0.34
(11,2211)	1:57:A:LEU:HD11	1:60:A:LEU:HG	5	0.34
(11,2211)	1:57:A:LEU:HD12	1:60:A:LEU:HG	5	0.34
(11,2211)	1:57:A:LEU:HD13	1:60:A:LEU:HG	5	0.34
(11,2211)	1:57:A:LEU:HD21	1:60:A:LEU:HG	5	0.34
(11,2211)	1:57:A:LEU:HD22	1:60:A:LEU:HG	5	0.34
(11,2211)	1:57:A:LEU:HD23	1:60:A:LEU:HG	5	0.34
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	6	0.34
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	6	0.34
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	6	0.34
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	6	0.34
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	6	0.34
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	6	0.34
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	6	0.34
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	6	0.34
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	6	0.34
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	6	0.34
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	6	0.34
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	6	0.34
(11,2096)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	4	0.34
(11,2096)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	4	0.34
(11,2096)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	4	0.34
(11,2096)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	4	0.34
(11,2096)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	4	0.34
(11,2096)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	4	0.34
(11,2093)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	13	0.34
(11,2093)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	13	0.34
(11,2093)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	13	0.34
(11,2093)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	13	0.34
(11,2093)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	13	0.34
(11,2093)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	13	0.34
(11,2093)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	13	0.34
(11,2093)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	13	0.34
(11,2093)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	13	0.34
(11,2093)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	13	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2093)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	13	0.34
(11,2093)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	13	0.34
(11,1962)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	7	0.34
(11,1962)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	7	0.34
(11,1962)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	7	0.34
(11,1962)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	7	0.34
(11,1960)	1:10:A:ASN:HB2	1:61:A:SER:HA	18	0.34
(11,1960)	1:10:A:ASN:HB3	1:61:A:SER:HA	18	0.34
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD11	2	0.34
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD12	2	0.34
(11,1944)	1:18:A:PHE:HZ	1:57:A:LEU:HD13	2	0.34
(11,1933)	1:58:A:ILE:HA	1:62:A:HIS:HE1	5	0.34
(11,1931)	1:35:A:LEU:HG	1:80:A:TYR:HE1	10	0.34
(11,1931)	1:35:A:LEU:HG	1:80:A:TYR:HE2	10	0.34
(11,1886)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	10	0.34
(11,1886)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	10	0.34
(11,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	3	0.34
(11,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	3	0.34
(11,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	3	0.34
(11,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	3	0.34
(11,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	3	0.34
(11,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	3	0.34
(11,1803)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	3	0.34
(11,1803)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	3	0.34
(11,1803)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	3	0.34
(11,1598)	1:11:A:ILE:HD11	1:43:A:MET:HB2	15	0.34
(11,1598)	1:11:A:ILE:HD12	1:43:A:MET:HB2	15	0.34
(11,1598)	1:11:A:ILE:HD13	1:43:A:MET:HB2	15	0.34
(11,1595)	1:11:A:ILE:HD11	1:14:A:VAL:H	19	0.34
(11,1595)	1:11:A:ILE:HD12	1:14:A:VAL:H	19	0.34
(11,1595)	1:11:A:ILE:HD13	1:14:A:VAL:H	19	0.34
(11,1557)	1:110:A:MET:H	1:110:A:MET:HE1	16	0.34
(11,1557)	1:110:A:MET:H	1:110:A:MET:HE2	16	0.34
(11,1557)	1:110:A:MET:H	1:110:A:MET:HE3	16	0.34
(11,1519)	1:114:A:ILE:HG21	1:117:A:VAL:HB	17	0.34
(11,1519)	1:114:A:ILE:HG22	1:117:A:VAL:HB	17	0.34
(11,1519)	1:114:A:ILE:HG23	1:117:A:VAL:HB	17	0.34
(11,1508)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	9	0.34
(11,1508)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	9	0.34
(11,1508)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	9	0.34
(11,1508)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	9	0.34
(11,1508)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	9	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1508)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	9	0.34
(11,1468)	1:47:A:ALA:HA	1:50:A:ALA:HB1	6	0.34
(11,1468)	1:47:A:ALA:HA	1:50:A:ALA:HB2	6	0.34
(11,1468)	1:47:A:ALA:HA	1:50:A:ALA:HB3	6	0.34
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG21	18	0.34
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG22	18	0.34
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG23	18	0.34
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG21	18	0.34
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG22	18	0.34
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG23	18	0.34
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG21	18	0.34
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG22	18	0.34
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG23	18	0.34
(11,1328)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.34
(11,1328)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.34
(11,1328)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.34
(11,1328)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.34
(11,1328)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.34
(11,1328)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.34
(11,1328)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.34
(11,1328)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.34
(11,1328)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.34
(11,1265)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	15	0.34
(11,1265)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	15	0.34
(11,1265)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	15	0.34
(11,1265)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	15	0.34
(11,1265)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	15	0.34
(11,1265)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	15	0.34
(11,1202)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	8	0.34
(11,1202)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	8	0.34
(11,1202)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	8	0.34
(11,1127)	1:66:A:THR:HG21	1:105:A:LYS:HA	19	0.34
(11,1127)	1:66:A:THR:HG22	1:105:A:LYS:HA	19	0.34
(11,1127)	1:66:A:THR:HG23	1:105:A:LYS:HA	19	0.34
(11,1081)	1:54:A:ARG:HA	1:57:A:LEU:HB3	8	0.34
(11,1041)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	10	0.34
(11,1022)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	1	0.34
(11,1022)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	1	0.34
(11,1022)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	1	0.34
(11,1007)	1:31:A:PRO:HA	1:32:A:GLY:H	11	0.34
(11,999)	1:63:A:ILE:HA	1:64:A:LYS:HD2	11	0.34
(11,999)	1:63:A:ILE:HA	1:64:A:LYS:HD3	11	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,964)	1:15:A:ALA:HB1	1:43:A:MET:HB2	2	0.34
(11,964)	1:15:A:ALA:HB2	1:43:A:MET:HB2	2	0.34
(11,964)	1:15:A:ALA:HB3	1:43:A:MET:HB2	2	0.34
(11,956)	1:40:A:LEU:HA	1:43:A:MET:HG2	11	0.34
(11,912)	1:20:A:THR:HB	1:21:A:THR:H	8	0.34
(11,900)	1:54:A:ARG:HA	1:58:A:ILE:HB	2	0.34
(11,897)	1:79:A:THR:HB	1:80:A:TYR:HD1	11	0.34
(11,897)	1:79:A:THR:HB	1:80:A:TYR:HD2	11	0.34
(11,896)	1:73:A:ILE:HB	1:76:A:ARG:HA	13	0.34
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	2	0.34
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	2	0.34
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	2	0.34
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	2	0.34
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	2	0.34
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	2	0.34
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	2	0.34
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	2	0.34
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	2	0.34
(11,780)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	19	0.34
(11,780)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	19	0.34
(11,780)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	19	0.34
(11,780)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	19	0.34
(11,780)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	19	0.34
(11,780)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	19	0.34
(11,714)	1:44:A:GLU:HG2	1:48:A:ARG:HE	10	0.34
(11,714)	1:44:A:GLU:HG3	1:48:A:ARG:HE	10	0.34
(11,643)	1:66:A:THR:H	1:69:A:MET:HA	6	0.34
(11,583)	1:128:A:LEU:HD11	1:130:A:GLY:H	12	0.34
(11,583)	1:128:A:LEU:HD12	1:130:A:GLY:H	12	0.34
(11,583)	1:128:A:LEU:HD13	1:130:A:GLY:H	12	0.34
(11,540)	1:60:A:LEU:HD21	1:61:A:SER:H	8	0.34
(11,540)	1:60:A:LEU:HD22	1:61:A:SER:H	8	0.34
(11,540)	1:60:A:LEU:HD23	1:61:A:SER:H	8	0.34
(11,486)	1:13:A:ALA:HB1	1:79:A:THR:H	4	0.34
(11,486)	1:13:A:ALA:HB2	1:79:A:THR:H	4	0.34
(11,486)	1:13:A:ALA:HB3	1:79:A:THR:H	4	0.34
(11,426)	1:125:A:THR:H	1:125:A:THR:HG21	6	0.34
(11,426)	1:125:A:THR:H	1:125:A:THR:HG22	6	0.34
(11,426)	1:125:A:THR:H	1:125:A:THR:HG23	6	0.34
(11,280)	1:113:A:PHE:H	1:116:A:GLN:HG3	3	0.34
(11,264)	1:39:A:VAL:H	1:40:A:LEU:HB2	14	0.34
(11,133)	1:13:A:ALA:HB1	1:80:A:TYR:H	6	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,133)	1:13:A:ALA:HB2	1:80:A:TYR:H	6	0.34
(11,133)	1:13:A:ALA:HB3	1:80:A:TYR:H	6	0.34
(11,132)	1:41:A:LYS:HG3	1:42:A:GLU:H	19	0.34
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD11	11	0.34
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD12	11	0.34
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD13	11	0.34
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD21	11	0.34
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD22	11	0.34
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD23	11	0.34
(9,2326)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	8	0.34
(9,2326)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	8	0.34
(9,2326)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	8	0.34
(9,2326)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	8	0.34
(9,2326)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	8	0.34
(9,2326)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	8	0.34
(9,2199)	1:69:A:MET:HG2	1:73:A:ILE:HD11	19	0.34
(9,2199)	1:69:A:MET:HG2	1:73:A:ILE:HD12	19	0.34
(9,2199)	1:69:A:MET:HG2	1:73:A:ILE:HD13	19	0.34
(9,2199)	1:69:A:MET:HG3	1:73:A:ILE:HD11	19	0.34
(9,2199)	1:69:A:MET:HG3	1:73:A:ILE:HD12	19	0.34
(9,2199)	1:69:A:MET:HG3	1:73:A:ILE:HD13	19	0.34
(9,2163)	1:60:A:LEU:HD11	1:61:A:SER:HB2	9	0.34
(9,2163)	1:60:A:LEU:HD11	1:61:A:SER:HB3	9	0.34
(9,2163)	1:60:A:LEU:HD12	1:61:A:SER:HB2	9	0.34
(9,2163)	1:60:A:LEU:HD12	1:61:A:SER:HB3	9	0.34
(9,2163)	1:60:A:LEU:HD13	1:61:A:SER:HB2	9	0.34
(9,2163)	1:60:A:LEU:HD13	1:61:A:SER:HB3	9	0.34
(9,2156)	1:57:A:LEU:HD11	1:60:A:LEU:HG	3	0.34
(9,2156)	1:57:A:LEU:HD12	1:60:A:LEU:HG	3	0.34
(9,2156)	1:57:A:LEU:HD13	1:60:A:LEU:HG	3	0.34
(9,2156)	1:57:A:LEU:HD21	1:60:A:LEU:HG	3	0.34
(9,2156)	1:57:A:LEU:HD22	1:60:A:LEU:HG	3	0.34
(9,2156)	1:57:A:LEU:HD23	1:60:A:LEU:HG	3	0.34
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	4	0.34
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	4	0.34
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	4	0.34
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	4	0.34
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	4	0.34
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	4	0.34
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	4	0.34
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	4	0.34
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	4	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	4	0.34
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	4	0.34
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	4	0.34
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	4	0.34
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	4	0.34
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	4	0.34
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	4	0.34
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	4	0.34
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	4	0.34
(9,2090)	1:39:A:VAL:HG11	1:41:A:LYS:H	12	0.34
(9,2090)	1:39:A:VAL:HG12	1:41:A:LYS:H	12	0.34
(9,2090)	1:39:A:VAL:HG13	1:41:A:LYS:H	12	0.34
(9,2090)	1:39:A:VAL:HG21	1:41:A:LYS:H	12	0.34
(9,2090)	1:39:A:VAL:HG22	1:41:A:LYS:H	12	0.34
(9,2090)	1:39:A:VAL:HG23	1:41:A:LYS:H	12	0.34
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD11	5	0.34
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD12	5	0.34
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD13	5	0.34
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD21	5	0.34
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD22	5	0.34
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD23	5	0.34
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	11	0.34
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	11	0.34
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	11	0.34
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	11	0.34
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	11	0.34
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	11	0.34
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	11	0.34
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	11	0.34
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	11	0.34
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	11	0.34
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	11	0.34
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	11	0.34
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	11	0.34
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	11	0.34
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	11	0.34
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	11	0.34
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	11	0.34
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	11	0.34
(9,1941)	1:10:A:ASN:HD21	1:81:A:GLU:H	1	0.34
(9,1941)	1:10:A:ASN:HD22	1:81:A:GLU:H	1	0.34
(9,1936)	1:10:A:ASN:HB2	1:61:A:SER:HA	18	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1936)	1:10:A:ASN:HB3	1:61:A:SER:HA	18	0.34
(9,1910)	1:58:A:ILE:HA	1:62:A:HIS:HE1	5	0.34
(9,1906)	1:80:A:TYR:HE1	1:81:A:GLU:H	4	0.34
(9,1906)	1:80:A:TYR:HE2	1:81:A:GLU:H	4	0.34
(9,1754)	1:141:A:LYS:HA	1:148:A:CYS:H	11	0.34
(9,1736)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	4	0.34
(9,1736)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	4	0.34
(9,1736)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	4	0.34
(9,1736)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	4	0.34
(9,1693)	1:43:A:MET:HG2	1:43:A:MET:HE1	1	0.34
(9,1693)	1:43:A:MET:HG2	1:43:A:MET:HE2	1	0.34
(9,1693)	1:43:A:MET:HG2	1:43:A:MET:HE3	1	0.34
(9,1533)	1:110:A:MET:H	1:110:A:MET:HE1	16	0.34
(9,1533)	1:110:A:MET:H	1:110:A:MET:HE2	16	0.34
(9,1533)	1:110:A:MET:H	1:110:A:MET:HE3	16	0.34
(9,1529)	1:69:A:MET:HE1	1:76:A:ARG:HG2	10	0.34
(9,1529)	1:69:A:MET:HE1	1:76:A:ARG:HG3	10	0.34
(9,1529)	1:69:A:MET:HE2	1:76:A:ARG:HG2	10	0.34
(9,1529)	1:69:A:MET:HE2	1:76:A:ARG:HG3	10	0.34
(9,1529)	1:69:A:MET:HE3	1:76:A:ARG:HG2	10	0.34
(9,1529)	1:69:A:MET:HE3	1:76:A:ARG:HG3	10	0.34
(9,1505)	1:43:A:MET:HE1	1:46:A:ASN:HB2	6	0.34
(9,1505)	1:43:A:MET:HE2	1:46:A:ASN:HB2	6	0.34
(9,1505)	1:43:A:MET:HE3	1:46:A:ASN:HB2	6	0.34
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE1	1	0.34
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE2	1	0.34
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE3	1	0.34
(9,1493)	1:114:A:ILE:HG21	1:117:A:VAL:HB	17	0.34
(9,1493)	1:114:A:ILE:HG22	1:117:A:VAL:HB	17	0.34
(9,1493)	1:114:A:ILE:HG23	1:117:A:VAL:HB	17	0.34
(9,1469)	1:101:A:ILE:HG21	1:115:A:ALA:H	12	0.34
(9,1469)	1:101:A:ILE:HG22	1:115:A:ALA:H	12	0.34
(9,1469)	1:101:A:ILE:HG23	1:115:A:ALA:H	12	0.34
(9,1402)	1:60:A:LEU:HD21	1:120:A:CYS:HA	11	0.34
(9,1402)	1:60:A:LEU:HD22	1:120:A:CYS:HA	11	0.34
(9,1402)	1:60:A:LEU:HD23	1:120:A:CYS:HA	11	0.34
(9,1388)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	10	0.34
(9,1388)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	10	0.34
(9,1388)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	10	0.34
(9,1388)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	10	0.34
(9,1388)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	10	0.34
(9,1388)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	10	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1308)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.34
(9,1308)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.34
(9,1308)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.34
(9,1308)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.34
(9,1308)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.34
(9,1308)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.34
(9,1308)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.34
(9,1308)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.34
(9,1308)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.34
(9,1287)	1:66:A:THR:HG21	1:96:A:VAL:H	16	0.34
(9,1287)	1:66:A:THR:HG22	1:96:A:VAL:H	16	0.34
(9,1287)	1:66:A:THR:HG23	1:96:A:VAL:H	16	0.34
(9,1272)	1:28:A:GLY:HA2	1:30:A:LEU:HD11	12	0.34
(9,1272)	1:28:A:GLY:HA2	1:30:A:LEU:HD12	12	0.34
(9,1272)	1:28:A:GLY:HA2	1:30:A:LEU:HD13	12	0.34
(9,1272)	1:28:A:GLY:HA3	1:30:A:LEU:HD11	12	0.34
(9,1272)	1:28:A:GLY:HA3	1:30:A:LEU:HD12	12	0.34
(9,1272)	1:28:A:GLY:HA3	1:30:A:LEU:HD13	12	0.34
(9,1204)	1:140:A:LEU:HA	1:140:A:LEU:HD21	10	0.34
(9,1204)	1:140:A:LEU:HA	1:140:A:LEU:HD22	10	0.34
(9,1204)	1:140:A:LEU:HA	1:140:A:LEU:HD23	10	0.34
(9,1194)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	8	0.34
(9,1194)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	8	0.34
(9,1194)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	8	0.34
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD21	12	0.34
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD22	12	0.34
(9,1192)	1:103:A:ARG:HE	1:107:A:LEU:HD23	12	0.34
(9,1155)	1:37:A:LEU:HA	1:40:A:LEU:HB3	11	0.34
(9,1155)	1:37:A:LEU:HA	1:40:A:LEU:HB3	19	0.34
(9,1120)	1:105:A:LYS:HA	1:105:A:LYS:HG2	4	0.34
(9,1070)	1:54:A:ARG:HA	1:57:A:LEU:HB3	8	0.34
(9,1065)	1:140:A:LEU:H	1:140:A:LEU:HG	4	0.34
(9,1037)	1:11:A:ILE:HA	1:11:A:ILE:HD11	3	0.34
(9,1037)	1:11:A:ILE:HA	1:11:A:ILE:HD12	3	0.34
(9,1037)	1:11:A:ILE:HA	1:11:A:ILE:HD13	3	0.34
(9,1026)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	10	0.34
(9,998)	1:31:A:PRO:HA	1:32:A:GLY:H	11	0.34
(9,947)	1:67:A:PRO:HA	1:70:A:LYS:HB2	18	0.34
(9,947)	1:67:A:PRO:HA	1:70:A:LYS:HB3	18	0.34
(9,914)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	2	0.34
(9,905)	1:20:A:THR:HB	1:21:A:THR:H	8	0.34
(9,891)	1:79:A:THR:HB	1:80:A:TYR:HD1	11	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,891)	1:79:A:THR:HB	1:80:A:TYR:HD2	11	0.34
(9,831)	1:69:A:MET:HE1	1:114:A:ILE:HD11	6	0.34
(9,831)	1:69:A:MET:HE1	1:114:A:ILE:HD12	6	0.34
(9,831)	1:69:A:MET:HE1	1:114:A:ILE:HD13	6	0.34
(9,831)	1:69:A:MET:HE2	1:114:A:ILE:HD11	6	0.34
(9,831)	1:69:A:MET:HE2	1:114:A:ILE:HD12	6	0.34
(9,831)	1:69:A:MET:HE2	1:114:A:ILE:HD13	6	0.34
(9,831)	1:69:A:MET:HE3	1:114:A:ILE:HD11	6	0.34
(9,831)	1:69:A:MET:HE3	1:114:A:ILE:HD12	6	0.34
(9,831)	1:69:A:MET:HE3	1:114:A:ILE:HD13	6	0.34
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	16	0.34
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	16	0.34
(9,787)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	16	0.34
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	16	0.34
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	16	0.34
(9,787)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	16	0.34
(9,567)	1:98:A:ILE:HD11	1:116:A:GLN:H	10	0.34
(9,567)	1:98:A:ILE:HD12	1:116:A:GLN:H	10	0.34
(9,567)	1:98:A:ILE:HD13	1:116:A:GLN:H	10	0.34
(9,545)	1:60:A:LEU:HD21	1:61:A:SER:H	8	0.34
(9,545)	1:60:A:LEU:HD22	1:61:A:SER:H	8	0.34
(9,545)	1:60:A:LEU:HD23	1:61:A:SER:H	8	0.34
(9,534)	1:70:A:LYS:HB2	1:72:A:PHE:H	18	0.34
(9,534)	1:70:A:LYS:HB3	1:72:A:PHE:H	18	0.34
(9,491)	1:13:A:ALA:HB1	1:79:A:THR:H	4	0.34
(9,491)	1:13:A:ALA:HB2	1:79:A:THR:H	4	0.34
(9,491)	1:13:A:ALA:HB3	1:79:A:THR:H	4	0.34
(9,431)	1:125:A:THR:H	1:125:A:THR:HG21	6	0.34
(9,431)	1:125:A:THR:H	1:125:A:THR:HG22	6	0.34
(9,431)	1:125:A:THR:H	1:125:A:THR:HG23	6	0.34
(9,384)	1:40:A:LEU:HB3	1:41:A:LYS:H	15	0.34
(9,286)	1:113:A:PHE:H	1:116:A:GLN:HG3	3	0.34
(9,279)	1:112:A:GLN:H	1:112:A:GLN:HE21	7	0.34
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB2	9	0.34
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB3	9	0.34
(9,131)	1:13:A:ALA:HB1	1:80:A:TYR:H	6	0.34
(9,131)	1:13:A:ALA:HB2	1:80:A:TYR:H	6	0.34
(9,131)	1:13:A:ALA:HB3	1:80:A:TYR:H	6	0.34
(9,130)	1:41:A:LYS:HG3	1:42:A:GLU:H	19	0.34
(9,49)	1:44:A:GLU:HB2	1:47:A:ALA:H	8	0.34
(9,49)	1:44:A:GLU:HB3	1:47:A:ALA:H	8	0.34
(9,34)	1:95:A:ILE:HB	1:96:A:VAL:H	3	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,34)	1:95:A:ILE:HB	1:96:A:VAL:H	8	0.34
(7,2424)	1:134:A:VAL:HG11	1:137:A:SER:HB2	4	0.34
(7,2424)	1:134:A:VAL:HG11	1:137:A:SER:HB3	4	0.34
(7,2424)	1:134:A:VAL:HG12	1:137:A:SER:HB2	4	0.34
(7,2424)	1:134:A:VAL:HG12	1:137:A:SER:HB3	4	0.34
(7,2424)	1:134:A:VAL:HG13	1:137:A:SER:HB2	4	0.34
(7,2424)	1:134:A:VAL:HG13	1:137:A:SER:HB3	4	0.34
(7,2424)	1:134:A:VAL:HG21	1:137:A:SER:HB2	4	0.34
(7,2424)	1:134:A:VAL:HG21	1:137:A:SER:HB3	4	0.34
(7,2424)	1:134:A:VAL:HG22	1:137:A:SER:HB2	4	0.34
(7,2424)	1:134:A:VAL:HG22	1:137:A:SER:HB3	4	0.34
(7,2424)	1:134:A:VAL:HG23	1:137:A:SER:HB2	4	0.34
(7,2424)	1:134:A:VAL:HG23	1:137:A:SER:HB3	4	0.34
(7,2336)	1:111:A:GLU:H	1:111:A:GLU:HG2	2	0.34
(7,2336)	1:111:A:GLU:H	1:111:A:GLU:HG3	2	0.34
(7,2336)	1:111:A:GLU:H	1:111:A:GLU:HG2	4	0.34
(7,2336)	1:111:A:GLU:H	1:111:A:GLU:HG3	4	0.34
(7,2336)	1:111:A:GLU:H	1:111:A:GLU:HG2	13	0.34
(7,2336)	1:111:A:GLU:H	1:111:A:GLU:HG3	13	0.34
(7,2247)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	14	0.34
(7,2247)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	14	0.34
(7,2247)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	14	0.34
(7,2247)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	14	0.34
(7,2202)	1:64:A:LYS:H	1:116:A:GLN:HG2	17	0.34
(7,2202)	1:64:A:LYS:H	1:116:A:GLN:HG3	17	0.34
(7,2121)	1:43:A:MET:HE1	1:46:A:ASN:HD21	12	0.34
(7,2121)	1:43:A:MET:HE1	1:46:A:ASN:HD22	12	0.34
(7,2121)	1:43:A:MET:HE2	1:46:A:ASN:HD21	12	0.34
(7,2121)	1:43:A:MET:HE2	1:46:A:ASN:HD22	12	0.34
(7,2121)	1:43:A:MET:HE3	1:46:A:ASN:HD21	12	0.34
(7,2121)	1:43:A:MET:HE3	1:46:A:ASN:HD22	12	0.34
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD11	5	0.34
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD12	5	0.34
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD13	5	0.34
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD21	5	0.34
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD22	5	0.34
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD23	5	0.34
(7,2085)	1:39:A:VAL:HG11	1:43:A:MET:HB2	6	0.34
(7,2085)	1:39:A:VAL:HG12	1:43:A:MET:HB2	6	0.34
(7,2085)	1:39:A:VAL:HG13	1:43:A:MET:HB2	6	0.34
(7,2085)	1:39:A:VAL:HG21	1:43:A:MET:HB2	6	0.34
(7,2085)	1:39:A:VAL:HG22	1:43:A:MET:HB2	6	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2085)	1:39:A:VAL:HG23	1:43:A:MET:HB2	6	0.34
(7,2040)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	4	0.34
(7,2040)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	4	0.34
(7,2040)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	4	0.34
(7,2040)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	4	0.34
(7,2040)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	4	0.34
(7,2040)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	4	0.34
(7,2029)	1:34:A:LYS:H	1:81:A:GLU:HB2	12	0.34
(7,2029)	1:34:A:LYS:H	1:81:A:GLU:HB3	12	0.34
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	3	0.34
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	3	0.34
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	3	0.34
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	3	0.34
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	3	0.34
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	3	0.34
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	3	0.34
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	3	0.34
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	3	0.34
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	3	0.34
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	3	0.34
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	3	0.34
(7,1875)	1:80:A:TYR:HE1	1:81:A:GLU:H	4	0.34
(7,1875)	1:80:A:TYR:HE2	1:81:A:GLU:H	4	0.34
(7,1837)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	10	0.34
(7,1837)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	10	0.34
(7,1825)	1:9:A:PHE:HZ	1:44:A:GLU:HA	16	0.34
(7,1742)	1:144:A:LEU:HA	1:144:A:LEU:HD11	1	0.34
(7,1742)	1:144:A:LEU:HA	1:144:A:LEU:HD12	1	0.34
(7,1742)	1:144:A:LEU:HA	1:144:A:LEU:HD13	1	0.34
(7,1741)	1:54:A:ARG:HA	1:57:A:LEU:HB3	8	0.34
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD11	1	0.34
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD12	1	0.34
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD13	1	0.34
(7,1544)	1:11:A:ILE:HD11	1:43:A:MET:HB2	15	0.34
(7,1544)	1:11:A:ILE:HD12	1:43:A:MET:HB2	15	0.34
(7,1544)	1:11:A:ILE:HD13	1:43:A:MET:HB2	15	0.34
(7,1542)	1:11:A:ILE:HD11	1:14:A:VAL:H	19	0.34
(7,1542)	1:11:A:ILE:HD12	1:14:A:VAL:H	19	0.34
(7,1542)	1:11:A:ILE:HD13	1:14:A:VAL:H	19	0.34
(7,1517)	1:63:A:ILE:HG21	1:69:A:MET:HE1	17	0.34
(7,1517)	1:63:A:ILE:HG21	1:69:A:MET:HE2	17	0.34
(7,1517)	1:63:A:ILE:HG21	1:69:A:MET:HE3	17	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1517)	1:63:A:ILE:HG22	1:69:A:MET:HE1	17	0.34
(7,1517)	1:63:A:ILE:HG22	1:69:A:MET:HE2	17	0.34
(7,1517)	1:63:A:ILE:HG22	1:69:A:MET:HE3	17	0.34
(7,1517)	1:63:A:ILE:HG23	1:69:A:MET:HE1	17	0.34
(7,1517)	1:63:A:ILE:HG23	1:69:A:MET:HE2	17	0.34
(7,1517)	1:63:A:ILE:HG23	1:69:A:MET:HE3	17	0.34
(7,1453)	1:101:A:ILE:HG21	1:115:A:ALA:H	12	0.34
(7,1453)	1:101:A:ILE:HG22	1:115:A:ALA:H	12	0.34
(7,1453)	1:101:A:ILE:HG23	1:115:A:ALA:H	12	0.34
(7,1437)	1:15:A:ALA:HB1	1:132:A:ALA:HA	7	0.34
(7,1437)	1:15:A:ALA:HB2	1:132:A:ALA:HA	7	0.34
(7,1437)	1:15:A:ALA:HB3	1:132:A:ALA:HA	7	0.34
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG21	12	0.34
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG22	12	0.34
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG23	12	0.34
(7,1378)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	10	0.34
(7,1378)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	10	0.34
(7,1378)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	10	0.34
(7,1378)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	10	0.34
(7,1378)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	10	0.34
(7,1378)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	10	0.34
(7,1363)	1:107:A:LEU:HD11	1:111:A:GLU:HB2	14	0.34
(7,1363)	1:107:A:LEU:HD11	1:111:A:GLU:HB3	14	0.34
(7,1363)	1:107:A:LEU:HD12	1:111:A:GLU:HB2	14	0.34
(7,1363)	1:107:A:LEU:HD12	1:111:A:GLU:HB3	14	0.34
(7,1363)	1:107:A:LEU:HD13	1:111:A:GLU:HB2	14	0.34
(7,1363)	1:107:A:LEU:HD13	1:111:A:GLU:HB3	14	0.34
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG11	14	0.34
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG12	14	0.34
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG13	14	0.34
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG11	19	0.34
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG12	19	0.34
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG13	19	0.34
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD11	6	0.34
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD12	6	0.34
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD13	6	0.34
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD11	6	0.34
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD12	6	0.34
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD13	6	0.34
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD11	6	0.34
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD12	6	0.34
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD13	6	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD11	13	0.34
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD12	13	0.34
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD13	13	0.34
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD11	13	0.34
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD12	13	0.34
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD13	13	0.34
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD11	13	0.34
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD12	13	0.34
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD13	13	0.34
(7,1295)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.34
(7,1295)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.34
(7,1295)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.34
(7,1295)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.34
(7,1295)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.34
(7,1295)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.34
(7,1295)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.34
(7,1295)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.34
(7,1295)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.34
(7,1046)	1:140:A:LEU:H	1:140:A:LEU:HG	4	0.34
(7,946)	1:15:A:ALA:HB1	1:43:A:MET:HB2	8	0.34
(7,946)	1:15:A:ALA:HB2	1:43:A:MET:HB2	8	0.34
(7,946)	1:15:A:ALA:HB3	1:43:A:MET:HB2	8	0.34
(7,908)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	3	0.34
(7,908)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	3	0.34
(7,908)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	3	0.34
(7,882)	1:11:A:ILE:HB	1:44:A:GLU:HB2	10	0.34
(7,882)	1:11:A:ILE:HB	1:44:A:GLU:HB3	10	0.34
(7,743)	1:43:A:MET:HE1	1:134:A:VAL:H	1	0.34
(7,743)	1:43:A:MET:HE2	1:134:A:VAL:H	1	0.34
(7,743)	1:43:A:MET:HE3	1:134:A:VAL:H	1	0.34
(7,731)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	14	0.34
(7,642)	1:66:A:THR:H	1:69:A:MET:HA	6	0.34
(7,584)	1:126:A:GLY:H	1:128:A:LEU:HB2	12	0.34
(7,584)	1:126:A:GLY:H	1:128:A:LEU:HB2	18	0.34
(7,568)	1:98:A:ILE:HD11	1:116:A:GLN:H	10	0.34
(7,568)	1:98:A:ILE:HD12	1:116:A:GLN:H	10	0.34
(7,568)	1:98:A:ILE:HD13	1:116:A:GLN:H	10	0.34
(7,560)	1:10:A:ASN:HD21	1:14:A:VAL:HB	5	0.34
(7,423)	1:125:A:THR:H	1:125:A:THR:HG21	6	0.34
(7,423)	1:125:A:THR:H	1:125:A:THR:HG22	6	0.34
(7,423)	1:125:A:THR:H	1:125:A:THR:HG23	6	0.34
(7,373)	1:40:A:LEU:HB2	1:41:A:LYS:H	6	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,274)	1:112:A:GLN:H	1:112:A:GLN:HE21	7	0.34
(7,131)	1:13:A:ALA:HB1	1:80:A:TYR:H	6	0.34
(7,131)	1:13:A:ALA:HB2	1:80:A:TYR:H	6	0.34
(7,131)	1:13:A:ALA:HB3	1:80:A:TYR:H	6	0.34
(7,130)	1:41:A:LYS:HG3	1:42:A:GLU:H	19	0.34
(7,62)	1:81:A:GLU:H	1:81:A:GLU:HG2	6	0.34
(7,62)	1:81:A:GLU:H	1:81:A:GLU:HG3	6	0.34
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD11	11	0.34
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD12	11	0.34
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD13	11	0.34
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD21	11	0.34
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD22	11	0.34
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD23	11	0.34
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG11	5	0.34
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG12	5	0.34
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG13	5	0.34
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG21	5	0.34
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG22	5	0.34
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG23	5	0.34
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG11	14	0.34
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG12	14	0.34
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG13	14	0.34
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG21	14	0.34
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG22	14	0.34
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG23	14	0.34
(6,2210)	1:60:A:LEU:HD11	1:61:A:SER:HB2	18	0.34
(6,2210)	1:60:A:LEU:HD11	1:61:A:SER:HB3	18	0.34
(6,2210)	1:60:A:LEU:HD12	1:61:A:SER:HB2	18	0.34
(6,2210)	1:60:A:LEU:HD12	1:61:A:SER:HB3	18	0.34
(6,2210)	1:60:A:LEU:HD13	1:61:A:SER:HB2	18	0.34
(6,2210)	1:60:A:LEU:HD13	1:61:A:SER:HB3	18	0.34
(6,2210)	1:60:A:LEU:HD11	1:61:A:SER:HB2	19	0.34
(6,2210)	1:60:A:LEU:HD11	1:61:A:SER:HB3	19	0.34
(6,2210)	1:60:A:LEU:HD12	1:61:A:SER:HB2	19	0.34
(6,2210)	1:60:A:LEU:HD12	1:61:A:SER:HB3	19	0.34
(6,2210)	1:60:A:LEU:HD13	1:61:A:SER:HB2	19	0.34
(6,2210)	1:60:A:LEU:HD13	1:61:A:SER:HB3	19	0.34
(6,2202)	1:57:A:LEU:HD11	1:60:A:LEU:HG	5	0.34
(6,2202)	1:57:A:LEU:HD12	1:60:A:LEU:HG	5	0.34
(6,2202)	1:57:A:LEU:HD13	1:60:A:LEU:HG	5	0.34
(6,2202)	1:57:A:LEU:HD21	1:60:A:LEU:HG	5	0.34
(6,2202)	1:57:A:LEU:HD22	1:60:A:LEU:HG	5	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2202)	1:57:A:LEU:HD23	1:60:A:LEU:HG	5	0.34
(6,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD11	10	0.34
(6,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD12	10	0.34
(6,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD13	10	0.34
(6,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD21	10	0.34
(6,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD22	10	0.34
(6,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD23	10	0.34
(6,2163)	1:47:A:ALA:H	1:131:A:LEU:HD11	10	0.34
(6,2163)	1:47:A:ALA:H	1:131:A:LEU:HD12	10	0.34
(6,2163)	1:47:A:ALA:H	1:131:A:LEU:HD13	10	0.34
(6,2163)	1:47:A:ALA:H	1:131:A:LEU:HD21	10	0.34
(6,2163)	1:47:A:ALA:H	1:131:A:LEU:HD22	10	0.34
(6,2163)	1:47:A:ALA:H	1:131:A:LEU:HD23	10	0.34
(6,2149)	1:43:A:MET:HE1	1:46:A:ASN:HD21	12	0.34
(6,2149)	1:43:A:MET:HE1	1:46:A:ASN:HD22	12	0.34
(6,2149)	1:43:A:MET:HE2	1:46:A:ASN:HD21	12	0.34
(6,2149)	1:43:A:MET:HE2	1:46:A:ASN:HD22	12	0.34
(6,2149)	1:43:A:MET:HE3	1:46:A:ASN:HD21	12	0.34
(6,2149)	1:43:A:MET:HE3	1:46:A:ASN:HD22	12	0.34
(6,2029)	1:17:A:ASN:HD21	1:79:A:THR:H	2	0.34
(6,2029)	1:17:A:ASN:HD22	1:79:A:THR:H	2	0.34
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	7	0.34
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	7	0.34
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	7	0.34
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	7	0.34
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	7	0.34
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	7	0.34
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	7	0.34
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	7	0.34
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	7	0.34
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	7	0.34
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	7	0.34
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	7	0.34
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	7	0.34
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	7	0.34
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	7	0.34
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	7	0.34
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	7	0.34
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	7	0.34
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	7	0.34
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	7	0.34
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	7	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	7	0.34
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	7	0.34
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	7	0.34
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	7	0.34
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	7	0.34
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	7	0.34
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	7	0.34
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	7	0.34
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	7	0.34
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	7	0.34
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	7	0.34
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	7	0.34
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	7	0.34
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	7	0.34
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	7	0.34
(6,2006)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	19	0.34
(6,2006)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	19	0.34
(6,2006)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	19	0.34
(6,2006)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	19	0.34
(6,2006)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	19	0.34
(6,2006)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	19	0.34
(6,2006)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	19	0.34
(6,2006)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	19	0.34
(6,2006)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	19	0.34
(6,2006)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	19	0.34
(6,2006)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	19	0.34
(6,2006)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	19	0.34
(6,2006)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	19	0.34
(6,2006)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	19	0.34
(6,2006)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	19	0.34
(6,2006)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	19	0.34
(6,2006)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	19	0.34
(6,2006)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	19	0.34
(6,2000)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	11	0.34
(6,2000)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	11	0.34
(6,2000)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	11	0.34
(6,2000)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	11	0.34
(6,2000)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	11	0.34
(6,2000)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	11	0.34
(6,2000)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	11	0.34
(6,2000)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	11	0.34
(6,2000)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	11	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2000)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	11	0.34
(6,2000)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	11	0.34
(6,2000)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	11	0.34
(6,1923)	1:58:A:ILE:HA	1:62:A:HIS:HE1	5	0.34
(6,1920)	1:35:A:LEU:HG	1:80:A:TYR:HE1	10	0.34
(6,1920)	1:35:A:LEU:HG	1:80:A:TYR:HE2	10	0.34
(6,1918)	1:80:A:TYR:HE1	1:81:A:GLU:H	4	0.34
(6,1918)	1:80:A:TYR:HE2	1:81:A:GLU:H	4	0.34
(6,1891)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	4	0.34
(6,1891)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	4	0.34
(6,1891)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	4	0.34
(6,1891)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	4	0.34
(6,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	11	0.34
(6,1886)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	11	0.34
(6,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	11	0.34
(6,1886)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	11	0.34
(6,1884)	1:14:A:VAL:HA	1:18:A:PHE:HD1	8	0.34
(6,1884)	1:14:A:VAL:HA	1:18:A:PHE:HD2	8	0.34
(6,1823)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	11	0.34
(6,1823)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	11	0.34
(6,1772)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	3	0.34
(6,1772)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	3	0.34
(6,1772)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	3	0.34
(6,1654)	1:46:A:ASN:HD22	1:134:A:VAL:HG21	2	0.34
(6,1654)	1:46:A:ASN:HD22	1:134:A:VAL:HG22	2	0.34
(6,1654)	1:46:A:ASN:HD22	1:134:A:VAL:HG23	2	0.34
(6,1578)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	5	0.34
(6,1578)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	5	0.34
(6,1578)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	5	0.34
(6,1543)	1:46:A:ASN:HB2	1:134:A:VAL:H	6	0.34
(6,1532)	1:63:A:ILE:HG21	1:69:A:MET:HE1	17	0.34
(6,1532)	1:63:A:ILE:HG21	1:69:A:MET:HE2	17	0.34
(6,1532)	1:63:A:ILE:HG21	1:69:A:MET:HE3	17	0.34
(6,1532)	1:63:A:ILE:HG22	1:69:A:MET:HE1	17	0.34
(6,1532)	1:63:A:ILE:HG22	1:69:A:MET:HE2	17	0.34
(6,1532)	1:63:A:ILE:HG22	1:69:A:MET:HE3	17	0.34
(6,1532)	1:63:A:ILE:HG23	1:69:A:MET:HE1	17	0.34
(6,1532)	1:63:A:ILE:HG23	1:69:A:MET:HE2	17	0.34
(6,1532)	1:63:A:ILE:HG23	1:69:A:MET:HE3	17	0.34
(6,1480)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	9	0.34
(6,1480)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	9	0.34
(6,1480)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	9	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1480)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	9	0.34
(6,1480)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	9	0.34
(6,1480)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	9	0.34
(6,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB1	6	0.34
(6,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB2	6	0.34
(6,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB3	6	0.34
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	4	0.34
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	4	0.34
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	4	0.34
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	4	0.34
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	4	0.34
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	4	0.34
(6,1348)	1:73:A:ILE:HB	1:76:A:ARG:HA	4	0.34
(6,1301)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.34
(6,1301)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.34
(6,1301)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.34
(6,1301)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.34
(6,1301)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.34
(6,1301)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.34
(6,1301)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.34
(6,1301)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.34
(6,1301)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.34
(6,1279)	1:66:A:THR:HG21	1:96:A:VAL:H	1	0.34
(6,1279)	1:66:A:THR:HG22	1:96:A:VAL:H	1	0.34
(6,1279)	1:66:A:THR:HG23	1:96:A:VAL:H	1	0.34
(6,1052)	1:140:A:LEU:H	1:140:A:LEU:HG	4	0.34
(6,986)	1:31:A:PRO:HA	1:32:A:GLY:H	11	0.34
(6,934)	1:67:A:PRO:HA	1:70:A:LYS:HB2	18	0.34
(6,934)	1:67:A:PRO:HA	1:70:A:LYS:HB3	18	0.34
(6,901)	1:20:A:THR:HB	1:21:A:THR:H	8	0.34
(6,887)	1:79:A:THR:HB	1:80:A:TYR:HD1	11	0.34
(6,887)	1:79:A:THR:HB	1:80:A:TYR:HD2	11	0.34
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	7	0.34
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	7	0.34
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	7	0.34
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	7	0.34
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	7	0.34
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	7	0.34
(6,751)	1:32:A:GLY:HA2	1:34:A:LYS:H	2	0.34
(6,731)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	14	0.34
(6,662)	1:63:A:ILE:HD11	1:116:A:GLN:H	3	0.34
(6,662)	1:63:A:ILE:HD12	1:116:A:GLN:H	3	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,662)	1:63:A:ILE:HD13	1:116:A:GLN:H	3	0.34
(6,662)	1:63:A:ILE:HD11	1:116:A:GLN:H	19	0.34
(6,662)	1:63:A:ILE:HD12	1:116:A:GLN:H	19	0.34
(6,662)	1:63:A:ILE:HD13	1:116:A:GLN:H	19	0.34
(6,637)	1:66:A:THR:H	1:69:A:MET:HA	6	0.34
(6,536)	1:60:A:LEU:HD21	1:61:A:SER:H	8	0.34
(6,536)	1:60:A:LEU:HD22	1:61:A:SER:H	8	0.34
(6,536)	1:60:A:LEU:HD23	1:61:A:SER:H	8	0.34
(6,481)	1:13:A:ALA:HB1	1:79:A:THR:H	4	0.34
(6,481)	1:13:A:ALA:HB2	1:79:A:THR:H	4	0.34
(6,481)	1:13:A:ALA:HB3	1:79:A:THR:H	4	0.34
(6,420)	1:125:A:THR:H	1:125:A:THR:HG21	6	0.34
(6,420)	1:125:A:THR:H	1:125:A:THR:HG22	6	0.34
(6,420)	1:125:A:THR:H	1:125:A:THR:HG23	6	0.34
(6,130)	1:13:A:ALA:HB1	1:80:A:TYR:H	6	0.34
(6,130)	1:13:A:ALA:HB2	1:80:A:TYR:H	6	0.34
(6,130)	1:13:A:ALA:HB3	1:80:A:TYR:H	6	0.34
(6,129)	1:41:A:LYS:HG3	1:42:A:GLU:H	19	0.34
(6,31)	1:95:A:ILE:HB	1:96:A:VAL:H	3	0.34
(6,31)	1:95:A:ILE:HB	1:96:A:VAL:H	8	0.34
(5,2435)	1:139:A:LEU:HB2	1:140:A:LEU:HD11	17	0.34
(5,2435)	1:139:A:LEU:HB2	1:140:A:LEU:HD12	17	0.34
(5,2435)	1:139:A:LEU:HB2	1:140:A:LEU:HD13	17	0.34
(5,2435)	1:139:A:LEU:HB2	1:140:A:LEU:HD21	17	0.34
(5,2435)	1:139:A:LEU:HB2	1:140:A:LEU:HD22	17	0.34
(5,2435)	1:139:A:LEU:HB2	1:140:A:LEU:HD23	17	0.34
(5,2435)	1:139:A:LEU:HB3	1:140:A:LEU:HD11	17	0.34
(5,2435)	1:139:A:LEU:HB3	1:140:A:LEU:HD12	17	0.34
(5,2435)	1:139:A:LEU:HB3	1:140:A:LEU:HD13	17	0.34
(5,2435)	1:139:A:LEU:HB3	1:140:A:LEU:HD21	17	0.34
(5,2435)	1:139:A:LEU:HB3	1:140:A:LEU:HD22	17	0.34
(5,2435)	1:139:A:LEU:HB3	1:140:A:LEU:HD23	17	0.34
(5,2287)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	12	0.34
(5,2287)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	12	0.34
(5,2287)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	12	0.34
(5,2287)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	12	0.34
(5,2287)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	12	0.34
(5,2287)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	12	0.34
(5,2287)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	12	0.34
(5,2287)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	12	0.34
(5,2287)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	12	0.34
(5,2287)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	12	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2287)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	12	0.34
(5,2287)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	12	0.34
(5,2264)	1:73:A:ILE:HG21	1:109:A:PRO:HD2	13	0.34
(5,2264)	1:73:A:ILE:HG21	1:109:A:PRO:HD3	13	0.34
(5,2264)	1:73:A:ILE:HG22	1:109:A:PRO:HD2	13	0.34
(5,2264)	1:73:A:ILE:HG22	1:109:A:PRO:HD3	13	0.34
(5,2264)	1:73:A:ILE:HG23	1:109:A:PRO:HD2	13	0.34
(5,2264)	1:73:A:ILE:HG23	1:109:A:PRO:HD3	13	0.34
(5,2237)	1:68:A:LYS:H	1:70:A:LYS:HG2	5	0.34
(5,2237)	1:68:A:LYS:H	1:70:A:LYS:HG3	5	0.34
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	17	0.34
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	17	0.34
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	17	0.34
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	17	0.34
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	17	0.34
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	17	0.34
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	15	0.34
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	15	0.34
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	15	0.34
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	15	0.34
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	15	0.34
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	15	0.34
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	15	0.34
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	15	0.34
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	15	0.34
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	15	0.34
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	15	0.34
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	15	0.34
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	6	0.34
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	6	0.34
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	6	0.34
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	6	0.34
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	6	0.34
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	6	0.34
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	6	0.34
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	6	0.34
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	6	0.34
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	6	0.34
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	6	0.34
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	6	0.34
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD11	7	0.34
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD12	7	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD13	7	0.34
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD21	7	0.34
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD22	7	0.34
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD23	7	0.34
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD11	7	0.34
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD12	7	0.34
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD13	7	0.34
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD21	7	0.34
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD22	7	0.34
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD23	7	0.34
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD11	7	0.34
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD12	7	0.34
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD13	7	0.34
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD21	7	0.34
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD22	7	0.34
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD23	7	0.34
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD11	14	0.34
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD12	14	0.34
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD13	14	0.34
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD21	14	0.34
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD22	14	0.34
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD23	14	0.34
(5,2027)	1:23:A:LEU:HD11	1:24:A:ASP:H	18	0.34
(5,2027)	1:23:A:LEU:HD12	1:24:A:ASP:H	18	0.34
(5,2027)	1:23:A:LEU:HD13	1:24:A:ASP:H	18	0.34
(5,2027)	1:23:A:LEU:HD21	1:24:A:ASP:H	18	0.34
(5,2027)	1:23:A:LEU:HD22	1:24:A:ASP:H	18	0.34
(5,2027)	1:23:A:LEU:HD23	1:24:A:ASP:H	18	0.34
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG11	17	0.34
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG12	17	0.34
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG13	17	0.34
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG21	17	0.34
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG22	17	0.34
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG23	17	0.34
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG11	17	0.34
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG12	17	0.34
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG13	17	0.34
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG21	17	0.34
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG22	17	0.34
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG23	17	0.34
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD11	12	0.34
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD12	12	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD13	12	0.34
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD21	12	0.34
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD22	12	0.34
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD23	12	0.34
(5,1961)	1:10:A:ASN:HD21	1:14:A:VAL:HB	2	0.34
(5,1961)	1:10:A:ASN:HD22	1:14:A:VAL:HB	2	0.34
(5,1959)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	7	0.34
(5,1959)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	7	0.34
(5,1959)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	7	0.34
(5,1959)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	7	0.34
(5,1931)	1:80:A:TYR:HE1	1:81:A:GLU:H	4	0.34
(5,1931)	1:80:A:TYR:HE2	1:81:A:GLU:H	4	0.34
(5,1913)	1:66:A:THR:HG21	1:104:A:PHE:HE1	6	0.34
(5,1913)	1:66:A:THR:HG21	1:104:A:PHE:HE2	6	0.34
(5,1913)	1:66:A:THR:HG22	1:104:A:PHE:HE1	6	0.34
(5,1913)	1:66:A:THR:HG22	1:104:A:PHE:HE2	6	0.34
(5,1913)	1:66:A:THR:HG23	1:104:A:PHE:HE1	6	0.34
(5,1913)	1:66:A:THR:HG23	1:104:A:PHE:HE2	6	0.34
(5,1821)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	3	0.34
(5,1821)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	3	0.34
(5,1821)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	3	0.34
(5,1821)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	3	0.34
(5,1821)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	3	0.34
(5,1821)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	3	0.34
(5,1809)	1:13:A:ALA:H	1:80:A:TYR:HD1	15	0.34
(5,1809)	1:13:A:ALA:H	1:80:A:TYR:HD2	15	0.34
(5,1793)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	3	0.34
(5,1793)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	3	0.34
(5,1793)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	3	0.34
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG21	18	0.34
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG22	18	0.34
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG23	18	0.34
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG21	18	0.34
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG22	18	0.34
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG23	18	0.34
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG21	18	0.34
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG22	18	0.34
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG23	18	0.34
(5,1748)	1:150:A:THR:HG21	1:151:A:PHE:HA	6	0.34
(5,1748)	1:150:A:THR:HG22	1:151:A:PHE:HA	6	0.34
(5,1748)	1:150:A:THR:HG23	1:151:A:PHE:HA	6	0.34
(5,1733)	1:67:A:PRO:HD2	1:95:A:ILE:HA	9	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1708)	1:72:A:PHE:HB2	1:109:A:PRO:HA	15	0.34
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG11	14	0.34
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG12	14	0.34
(5,1673)	1:50:A:ALA:H	1:134:A:VAL:HG13	14	0.34
(5,1667)	1:131:A:LEU:H	1:134:A:VAL:HG11	11	0.34
(5,1667)	1:131:A:LEU:H	1:134:A:VAL:HG12	11	0.34
(5,1667)	1:131:A:LEU:H	1:134:A:VAL:HG13	11	0.34
(5,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	14	0.34
(5,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	14	0.34
(5,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	14	0.34
(5,1583)	1:11:A:ILE:HD11	1:14:A:VAL:H	19	0.34
(5,1583)	1:11:A:ILE:HD12	1:14:A:VAL:H	19	0.34
(5,1583)	1:11:A:ILE:HD13	1:14:A:VAL:H	19	0.34
(5,1559)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.34
(5,1559)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.34
(5,1559)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.34
(5,1559)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.34
(5,1559)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.34
(5,1559)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.34
(5,1559)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.34
(5,1559)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.34
(5,1559)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.34
(5,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE1	17	0.34
(5,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE2	17	0.34
(5,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE3	17	0.34
(5,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE1	17	0.34
(5,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE2	17	0.34
(5,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE3	17	0.34
(5,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE1	17	0.34
(5,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE2	17	0.34
(5,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE3	17	0.34
(5,1515)	1:114:A:ILE:HG21	1:117:A:VAL:HB	17	0.34
(5,1515)	1:114:A:ILE:HG22	1:117:A:VAL:HB	17	0.34
(5,1515)	1:114:A:ILE:HG23	1:117:A:VAL:HB	17	0.34
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	9	0.34
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	9	0.34
(5,1493)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	9	0.34
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	9	0.34
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	9	0.34
(5,1493)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	9	0.34
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	4	0.34
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	4	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	4	0.34
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	4	0.34
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	4	0.34
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	4	0.34
(5,1311)	1:66:A:THR:HG21	1:96:A:VAL:H	1	0.34
(5,1311)	1:66:A:THR:HG22	1:96:A:VAL:H	1	0.34
(5,1311)	1:66:A:THR:HG23	1:96:A:VAL:H	1	0.34
(5,1290)	1:44:A:GLU:HB2	1:45:A:ALA:HA	15	0.34
(5,1290)	1:44:A:GLU:HB3	1:45:A:ALA:HA	15	0.34
(5,1286)	1:28:A:GLY:HA2	1:30:A:LEU:HD11	12	0.34
(5,1286)	1:28:A:GLY:HA2	1:30:A:LEU:HD12	12	0.34
(5,1286)	1:28:A:GLY:HA2	1:30:A:LEU:HD13	12	0.34
(5,1286)	1:28:A:GLY:HA3	1:30:A:LEU:HD11	12	0.34
(5,1286)	1:28:A:GLY:HA3	1:30:A:LEU:HD12	12	0.34
(5,1286)	1:28:A:GLY:HA3	1:30:A:LEU:HD13	12	0.34
(5,1163)	1:145:A:PRO:HB2	1:146:A:GLN:HA	6	0.34
(5,1163)	1:145:A:PRO:HB2	1:146:A:GLN:HA	19	0.34
(5,1080)	1:54:A:ARG:HA	1:57:A:LEU:HB3	8	0.34
(5,1075)	1:54:A:ARG:HA	1:58:A:ILE:HB	4	0.34
(5,1031)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	2	0.34
(5,1002)	1:31:A:PRO:HA	1:32:A:GLY:H	11	0.34
(5,914)	1:43:A:MET:HA	1:44:A:GLU:HG2	15	0.34
(5,907)	1:20:A:THR:HB	1:21:A:THR:H	8	0.34
(5,891)	1:79:A:THR:HB	1:80:A:TYR:HD1	11	0.34
(5,891)	1:79:A:THR:HB	1:80:A:TYR:HD2	11	0.34
(5,886)	1:9:A:PHE:HD1	1:11:A:ILE:HB	2	0.34
(5,886)	1:9:A:PHE:HD2	1:11:A:ILE:HB	2	0.34
(5,781)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	19	0.34
(5,781)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	19	0.34
(5,781)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	19	0.34
(5,781)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	19	0.34
(5,781)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	19	0.34
(5,781)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	19	0.34
(5,747)	1:147:A:ARG:HA	1:147:A:ARG:HE	17	0.34
(5,736)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	14	0.34
(5,643)	1:66:A:THR:H	1:69:A:MET:HA	6	0.34
(5,641)	1:66:A:THR:H	1:70:A:LYS:H	9	0.34
(5,611)	1:14:A:VAL:HB	1:16:A:SER:H	3	0.34
(5,555)	1:10:A:ASN:HD21	1:14:A:VAL:HB	5	0.34
(5,476)	1:13:A:ALA:HB1	1:79:A:THR:H	4	0.34
(5,476)	1:13:A:ALA:HB2	1:79:A:THR:H	4	0.34
(5,476)	1:13:A:ALA:HB3	1:79:A:THR:H	4	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,426)	1:68:A:LYS:H	1:68:A:LYS:HE2	2	0.34
(5,426)	1:68:A:LYS:H	1:68:A:LYS:HE3	2	0.34
(5,416)	1:125:A:THR:H	1:125:A:THR:HG21	6	0.34
(5,416)	1:125:A:THR:H	1:125:A:THR:HG22	6	0.34
(5,416)	1:125:A:THR:H	1:125:A:THR:HG23	6	0.34
(5,399)	1:119:A:LEU:H	1:119:A:LEU:HG	8	0.34
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD11	8	0.34
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD12	8	0.34
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD13	8	0.34
(5,273)	1:113:A:PHE:H	1:116:A:GLN:HG3	3	0.34
(5,266)	1:112:A:GLN:H	1:112:A:GLN:HE21	8	0.34
(5,127)	1:13:A:ALA:HB1	1:80:A:TYR:H	6	0.34
(5,127)	1:13:A:ALA:HB2	1:80:A:TYR:H	6	0.34
(5,127)	1:13:A:ALA:HB3	1:80:A:TYR:H	6	0.34
(5,126)	1:41:A:LYS:HG3	1:42:A:GLU:H	19	0.34
(5,111)	1:22:A:ASP:H	1:23:A:LEU:HB2	13	0.34
(5,111)	1:22:A:ASP:H	1:23:A:LEU:HB3	13	0.34
(5,111)	1:22:A:ASP:H	1:23:A:LEU:HB2	19	0.34
(5,111)	1:22:A:ASP:H	1:23:A:LEU:HB3	19	0.34
(5,74)	1:28:A:GLY:HA2	1:30:A:LEU:H	5	0.34
(5,74)	1:28:A:GLY:HA3	1:30:A:LEU:H	5	0.34
(5,67)	1:44:A:GLU:HB2	1:45:A:ALA:H	12	0.34
(5,67)	1:44:A:GLU:HB3	1:45:A:ALA:H	12	0.34
(5,67)	1:44:A:GLU:HB2	1:45:A:ALA:H	19	0.34
(5,67)	1:44:A:GLU:HB3	1:45:A:ALA:H	19	0.34
(5,60)	1:81:A:GLU:H	1:81:A:GLU:HG2	6	0.34
(5,60)	1:81:A:GLU:H	1:81:A:GLU:HG3	6	0.34
(5,34)	1:95:A:ILE:HB	1:96:A:VAL:H	3	0.34
(5,34)	1:95:A:ILE:HB	1:96:A:VAL:H	8	0.34
(4,2445)	1:139:A:LEU:HB2	1:140:A:LEU:HD11	17	0.34
(4,2445)	1:139:A:LEU:HB2	1:140:A:LEU:HD12	17	0.34
(4,2445)	1:139:A:LEU:HB2	1:140:A:LEU:HD13	17	0.34
(4,2445)	1:139:A:LEU:HB2	1:140:A:LEU:HD21	17	0.34
(4,2445)	1:139:A:LEU:HB2	1:140:A:LEU:HD22	17	0.34
(4,2445)	1:139:A:LEU:HB2	1:140:A:LEU:HD23	17	0.34
(4,2445)	1:139:A:LEU:HB3	1:140:A:LEU:HD11	17	0.34
(4,2445)	1:139:A:LEU:HB3	1:140:A:LEU:HD12	17	0.34
(4,2445)	1:139:A:LEU:HB3	1:140:A:LEU:HD13	17	0.34
(4,2445)	1:139:A:LEU:HB3	1:140:A:LEU:HD21	17	0.34
(4,2445)	1:139:A:LEU:HB3	1:140:A:LEU:HD22	17	0.34
(4,2445)	1:139:A:LEU:HB3	1:140:A:LEU:HD23	17	0.34
(4,2431)	1:136:A:CYS:HB2	1:141:A:LYS:H	10	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2431)	1:136:A:CYS:HB3	1:141:A:LYS:H	10	0.34
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	16	0.34
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	16	0.34
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	16	0.34
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG21	16	0.34
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG22	16	0.34
(4,2159)	1:46:A:ASN:HD22	1:134:A:VAL:HG23	16	0.34
(4,2079)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	7	0.34
(4,2079)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	7	0.34
(4,2079)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	7	0.34
(4,2079)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	7	0.34
(4,2079)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	7	0.34
(4,2079)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	7	0.34
(4,2079)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	14	0.34
(4,2079)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	14	0.34
(4,2079)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	14	0.34
(4,2079)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	14	0.34
(4,2079)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	14	0.34
(4,2079)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	14	0.34
(4,1957)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	12	0.34
(4,1957)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	12	0.34
(4,1957)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	12	0.34
(4,1957)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	12	0.34
(4,1957)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	12	0.34
(4,1957)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	12	0.34
(4,1957)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	12	0.34
(4,1957)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	12	0.34
(4,1957)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	12	0.34
(4,1957)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	12	0.34
(4,1957)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	12	0.34
(4,1957)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	12	0.34
(4,1957)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	12	0.34
(4,1957)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	12	0.34
(4,1957)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	12	0.34
(4,1957)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	12	0.34
(4,1957)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	12	0.34
(4,1957)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	12	0.34
(4,1922)	1:10:A:ASN:HB2	1:61:A:SER:HA	18	0.34
(4,1922)	1:10:A:ASN:HB3	1:61:A:SER:HA	18	0.34
(4,1884)	1:80:A:TYR:HE1	1:81:A:GLU:H	4	0.34
(4,1884)	1:80:A:TYR:HE2	1:81:A:GLU:H	4	0.34
(4,1881)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	7	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1881)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	7	0.34
(4,1881)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	7	0.34
(4,1881)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	7	0.34
(4,1881)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	7	0.34
(4,1881)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	7	0.34
(4,1869)	1:18:A:PHE:HE1	1:131:A:LEU:HD21	16	0.34
(4,1869)	1:18:A:PHE:HE1	1:131:A:LEU:HD22	16	0.34
(4,1869)	1:18:A:PHE:HE1	1:131:A:LEU:HD23	16	0.34
(4,1869)	1:18:A:PHE:HE2	1:131:A:LEU:HD21	16	0.34
(4,1869)	1:18:A:PHE:HE2	1:131:A:LEU:HD22	16	0.34
(4,1869)	1:18:A:PHE:HE2	1:131:A:LEU:HD23	16	0.34
(4,1832)	1:9:A:PHE:HZ	1:44:A:GLU:HA	16	0.34
(4,1773)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	3	0.34
(4,1773)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	3	0.34
(4,1773)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	3	0.34
(4,1773)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	3	0.34
(4,1773)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	3	0.34
(4,1773)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	3	0.34
(4,1771)	1:72:A:PHE:HD1	1:109:A:PRO:HB2	7	0.34
(4,1771)	1:72:A:PHE:HD1	1:109:A:PRO:HB3	7	0.34
(4,1771)	1:72:A:PHE:HD2	1:109:A:PRO:HB2	7	0.34
(4,1771)	1:72:A:PHE:HD2	1:109:A:PRO:HB3	7	0.34
(4,1759)	1:54:A:ARG:HA	1:57:A:LEU:HB3	8	0.34
(4,1748)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	3	0.34
(4,1748)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	3	0.34
(4,1748)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	3	0.34
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG21	2	0.34
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG22	2	0.34
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG23	2	0.34
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG21	2	0.34
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG22	2	0.34
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG23	2	0.34
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG21	2	0.34
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG22	2	0.34
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG23	2	0.34
(4,1560)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	5	0.34
(4,1560)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	5	0.34
(4,1560)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	5	0.34
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD21	12	0.34
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD22	12	0.34
(4,1541)	1:127:A:CYS:H	1:128:A:LEU:HD23	12	0.34
(4,1462)	1:101:A:ILE:HG21	1:115:A:ALA:HA	10	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1462)	1:101:A:ILE:HG22	1:115:A:ALA:HA	10	0.34
(4,1462)	1:101:A:ILE:HG23	1:115:A:ALA:HA	10	0.34
(4,1457)	1:101:A:ILE:HG21	1:115:A:ALA:H	12	0.34
(4,1457)	1:101:A:ILE:HG22	1:115:A:ALA:H	12	0.34
(4,1457)	1:101:A:ILE:HG23	1:115:A:ALA:H	12	0.34
(4,1443)	1:14:A:VAL:HB	1:15:A:ALA:HB1	19	0.34
(4,1443)	1:14:A:VAL:HB	1:15:A:ALA:HB2	19	0.34
(4,1443)	1:14:A:VAL:HB	1:15:A:ALA:HB3	19	0.34
(4,1294)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.34
(4,1294)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.34
(4,1294)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.34
(4,1294)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.34
(4,1294)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.34
(4,1294)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.34
(4,1294)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.34
(4,1294)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.34
(4,1294)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.34
(4,1236)	1:23:A:LEU:HD11	1:25:A:ALA:H	1	0.34
(4,1236)	1:23:A:LEU:HD12	1:25:A:ALA:H	1	0.34
(4,1236)	1:23:A:LEU:HD13	1:25:A:ALA:H	1	0.34
(4,1223)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	15	0.34
(4,1223)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	15	0.34
(4,1223)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	15	0.34
(4,1223)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	15	0.34
(4,1223)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	15	0.34
(4,1223)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	15	0.34
(4,1095)	1:116:A:GLN:HA	1:116:A:GLN:HG3	5	0.34
(4,1064)	1:45:A:ALA:HA	1:48:A:ARG:HG2	10	0.34
(4,1064)	1:45:A:ALA:HA	1:48:A:ARG:HG3	10	0.34
(4,986)	1:31:A:PRO:HA	1:32:A:GLY:H	11	0.34
(4,889)	1:79:A:THR:HB	1:80:A:TYR:HD1	11	0.34
(4,889)	1:79:A:THR:HB	1:80:A:TYR:HD2	11	0.34
(4,887)	1:11:A:ILE:HB	1:44:A:GLU:HB2	10	0.34
(4,887)	1:11:A:ILE:HB	1:44:A:GLU:HB3	10	0.34
(4,740)	1:43:A:MET:HE1	1:134:A:VAL:H	1	0.34
(4,740)	1:43:A:MET:HE2	1:134:A:VAL:H	1	0.34
(4,740)	1:43:A:MET:HE3	1:134:A:VAL:H	1	0.34
(4,728)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	14	0.34
(4,632)	1:66:A:THR:H	1:69:A:MET:HA	6	0.34
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB2	12	0.34
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB3	12	0.34
(4,559)	1:98:A:ILE:HD11	1:116:A:GLN:H	10	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,559)	1:98:A:ILE:HD12	1:116:A:GLN:H	10	0.34
(4,559)	1:98:A:ILE:HD13	1:116:A:GLN:H	10	0.34
(4,477)	1:13:A:ALA:HB1	1:79:A:THR:H	4	0.34
(4,477)	1:13:A:ALA:HB2	1:79:A:THR:H	4	0.34
(4,477)	1:13:A:ALA:HB3	1:79:A:THR:H	4	0.34
(4,415)	1:125:A:THR:H	1:125:A:THR:HG21	6	0.34
(4,415)	1:125:A:THR:H	1:125:A:THR:HG22	6	0.34
(4,415)	1:125:A:THR:H	1:125:A:THR:HG23	6	0.34
(4,270)	1:112:A:GLN:H	1:112:A:GLN:HE21	7	0.34
(4,260)	1:39:A:VAL:H	1:40:A:LEU:HB2	14	0.34
(4,228)	1:10:A:ASN:H	1:13:A:ALA:HB1	13	0.34
(4,228)	1:10:A:ASN:H	1:13:A:ALA:HB2	13	0.34
(4,228)	1:10:A:ASN:H	1:13:A:ALA:HB3	13	0.34
(4,129)	1:41:A:LYS:HG3	1:42:A:GLU:H	19	0.34
(4,72)	1:44:A:GLU:HB2	1:45:A:ALA:H	12	0.34
(4,72)	1:44:A:GLU:HB3	1:45:A:ALA:H	12	0.34
(4,72)	1:44:A:GLU:HB2	1:45:A:ALA:H	19	0.34
(4,72)	1:44:A:GLU:HB3	1:45:A:ALA:H	19	0.34
(4,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	4	0.34
(3,2306)	1:79:A:THR:HG21	1:81:A:GLU:HB2	6	0.34
(3,2306)	1:79:A:THR:HG21	1:81:A:GLU:HB3	6	0.34
(3,2306)	1:79:A:THR:HG22	1:81:A:GLU:HB2	6	0.34
(3,2306)	1:79:A:THR:HG22	1:81:A:GLU:HB3	6	0.34
(3,2306)	1:79:A:THR:HG23	1:81:A:GLU:HB2	6	0.34
(3,2306)	1:79:A:THR:HG23	1:81:A:GLU:HB3	6	0.34
(3,2017)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	14	0.34
(3,2017)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	14	0.34
(3,2017)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	14	0.34
(3,2017)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	14	0.34
(3,2017)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	14	0.34
(3,2017)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	14	0.34
(3,2017)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	14	0.34
(3,2017)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	14	0.34
(3,2017)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	14	0.34
(3,2017)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	14	0.34
(3,2017)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	14	0.34
(3,2017)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	14	0.34
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	11	0.34
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	11	0.34
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	11	0.34
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	11	0.34
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	11	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	11	0.34
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	11	0.34
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	11	0.34
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	11	0.34
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	11	0.34
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	11	0.34
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	11	0.34
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	11	0.34
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	11	0.34
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	11	0.34
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	11	0.34
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	11	0.34
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	11	0.34
(3,1965)	1:10:A:ASN:HB2	1:61:A:SER:HA	18	0.34
(3,1965)	1:10:A:ASN:HB3	1:61:A:SER:HA	18	0.34
(3,1946)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	5	0.34
(3,1946)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	5	0.34
(3,1946)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	5	0.34
(3,1937)	1:35:A:LEU:HG	1:80:A:TYR:HE1	10	0.34
(3,1937)	1:35:A:LEU:HG	1:80:A:TYR:HE2	10	0.34
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	4	0.34
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	4	0.34
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	4	0.34
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	4	0.34
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	4	0.34
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	4	0.34
(3,1910)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	4	0.34
(3,1910)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	4	0.34
(3,1910)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	4	0.34
(3,1910)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	4	0.34
(3,1890)	1:9:A:PHE:HE1	1:54:A:ARG:HE	14	0.34
(3,1890)	1:9:A:PHE:HE2	1:54:A:ARG:HE	14	0.34
(3,1823)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	3	0.34
(3,1823)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	3	0.34
(3,1823)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	3	0.34
(3,1823)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	3	0.34
(3,1823)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	3	0.34
(3,1823)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	3	0.34
(3,1819)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	16	0.34
(3,1819)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	16	0.34
(3,1819)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	16	0.34
(3,1819)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	16	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1819)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	16	0.34
(3,1819)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	16	0.34
(3,1799)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	3	0.34
(3,1799)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	3	0.34
(3,1799)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	3	0.34
(3,1742)	1:67:A:PRO:HD2	1:95:A:ILE:HA	9	0.34
(3,1715)	1:72:A:PHE:HB2	1:109:A:PRO:HA	15	0.34
(3,1685)	1:134:A:VAL:HG21	1:137:A:SER:H	18	0.34
(3,1685)	1:134:A:VAL:HG22	1:137:A:SER:H	18	0.34
(3,1685)	1:134:A:VAL:HG23	1:137:A:SER:H	18	0.34
(3,1502)	1:101:A:ILE:HG21	1:115:A:ALA:H	12	0.34
(3,1502)	1:101:A:ILE:HG22	1:115:A:ALA:H	12	0.34
(3,1502)	1:101:A:ILE:HG23	1:115:A:ALA:H	12	0.34
(3,1481)	1:13:A:ALA:HB1	1:78:A:HIS:HA	7	0.34
(3,1481)	1:13:A:ALA:HB2	1:78:A:HIS:HA	7	0.34
(3,1481)	1:13:A:ALA:HB3	1:78:A:HIS:HA	7	0.34
(3,1419)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	10	0.34
(3,1419)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	10	0.34
(3,1419)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	10	0.34
(3,1419)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	10	0.34
(3,1419)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	10	0.34
(3,1419)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	10	0.34
(3,1338)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.34
(3,1338)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.34
(3,1338)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.34
(3,1338)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.34
(3,1338)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.34
(3,1338)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.34
(3,1338)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.34
(3,1338)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.34
(3,1338)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.34
(3,1315)	1:66:A:THR:HG21	1:96:A:VAL:H	1	0.34
(3,1315)	1:66:A:THR:HG22	1:96:A:VAL:H	1	0.34
(3,1315)	1:66:A:THR:HG23	1:96:A:VAL:H	1	0.34
(3,1276)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	3	0.34
(3,1276)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	3	0.34
(3,1276)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	3	0.34
(3,1276)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	3	0.34
(3,1276)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	3	0.34
(3,1276)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	3	0.34
(3,1276)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	3	0.34
(3,1276)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	3	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1276)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	3	0.34
(3,1092)	1:44:A:GLU:HA	1:48:A:ARG:HB2	5	0.34
(3,1092)	1:44:A:GLU:HA	1:48:A:ARG:HB3	5	0.34
(3,1016)	1:31:A:PRO:HA	1:32:A:GLY:H	11	0.34
(3,913)	1:79:A:THR:HB	1:80:A:TYR:HD1	11	0.34
(3,913)	1:79:A:THR:HB	1:80:A:TYR:HD2	11	0.34
(3,910)	1:11:A:ILE:HB	1:44:A:GLU:HB2	10	0.34
(3,910)	1:11:A:ILE:HB	1:44:A:GLU:HB3	10	0.34
(3,778)	1:101:A:ILE:HD11	1:118:A:ASP:HB3	4	0.34
(3,778)	1:101:A:ILE:HD12	1:118:A:ASP:HB3	4	0.34
(3,778)	1:101:A:ILE:HD13	1:118:A:ASP:HB3	4	0.34
(3,778)	1:101:A:ILE:HD11	1:118:A:ASP:HB3	6	0.34
(3,778)	1:101:A:ILE:HD12	1:118:A:ASP:HB3	6	0.34
(3,778)	1:101:A:ILE:HD13	1:118:A:ASP:HB3	6	0.34
(3,657)	1:66:A:THR:H	1:70:A:LYS:H	5	0.34
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB2	12	0.34
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB3	12	0.34
(3,573)	1:98:A:ILE:HD11	1:116:A:GLN:H	10	0.34
(3,573)	1:98:A:ILE:HD12	1:116:A:GLN:H	10	0.34
(3,573)	1:98:A:ILE:HD13	1:116:A:GLN:H	10	0.34
(3,490)	1:13:A:ALA:HB1	1:79:A:THR:H	4	0.34
(3,490)	1:13:A:ALA:HB2	1:79:A:THR:H	4	0.34
(3,490)	1:13:A:ALA:HB3	1:79:A:THR:H	4	0.34
(3,427)	1:125:A:THR:H	1:125:A:THR:HG21	6	0.34
(3,427)	1:125:A:THR:H	1:125:A:THR:HG22	6	0.34
(3,427)	1:125:A:THR:H	1:125:A:THR:HG23	6	0.34
(3,377)	1:40:A:LEU:HB3	1:41:A:LYS:H	19	0.34
(3,345)	1:123:A:CYS:H	1:123:A:CYS:HB2	4	0.34
(3,345)	1:123:A:CYS:H	1:123:A:CYS:HB2	16	0.34
(3,343)	1:123:A:CYS:H	1:123:A:CYS:HB3	1	0.34
(3,131)	1:13:A:ALA:HB1	1:80:A:TYR:H	6	0.34
(3,131)	1:13:A:ALA:HB2	1:80:A:TYR:H	6	0.34
(3,131)	1:13:A:ALA:HB3	1:80:A:TYR:H	6	0.34
(3,130)	1:41:A:LYS:HG3	1:42:A:GLU:H	19	0.34
(3,115)	1:22:A:ASP:H	1:23:A:LEU:HB2	13	0.34
(3,115)	1:22:A:ASP:H	1:23:A:LEU:HB3	13	0.34
(3,115)	1:22:A:ASP:H	1:23:A:LEU:HB2	19	0.34
(3,115)	1:22:A:ASP:H	1:23:A:LEU:HB3	19	0.34
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD11	9	0.34
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD12	9	0.34
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD13	9	0.34
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD11	12	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD12	12	0.34
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD13	12	0.34
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD11	14	0.34
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD12	14	0.34
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD13	14	0.34
(3,107)	1:22:A:ASP:H	1:25:A:ALA:HB1	7	0.34
(3,107)	1:22:A:ASP:H	1:25:A:ALA:HB2	7	0.34
(3,107)	1:22:A:ASP:H	1:25:A:ALA:HB3	7	0.34
(2,2412)	1:131:A:LEU:H	1:134:A:VAL:HG11	11	0.34
(2,2412)	1:131:A:LEU:H	1:134:A:VAL:HG12	11	0.34
(2,2412)	1:131:A:LEU:H	1:134:A:VAL:HG13	11	0.34
(2,2412)	1:131:A:LEU:H	1:134:A:VAL:HG21	11	0.34
(2,2412)	1:131:A:LEU:H	1:134:A:VAL:HG22	11	0.34
(2,2412)	1:131:A:LEU:H	1:134:A:VAL:HG23	11	0.34
(2,2264)	1:68:A:LYS:H	1:70:A:LYS:HG2	5	0.34
(2,2264)	1:68:A:LYS:H	1:70:A:LYS:HG3	5	0.34
(2,2216)	1:57:A:LEU:HD11	1:60:A:LEU:HG	3	0.34
(2,2216)	1:57:A:LEU:HD12	1:60:A:LEU:HG	3	0.34
(2,2216)	1:57:A:LEU:HD13	1:60:A:LEU:HG	3	0.34
(2,2216)	1:57:A:LEU:HD21	1:60:A:LEU:HG	3	0.34
(2,2216)	1:57:A:LEU:HD22	1:60:A:LEU:HG	3	0.34
(2,2216)	1:57:A:LEU:HD23	1:60:A:LEU:HG	3	0.34
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	15	0.34
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	15	0.34
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	15	0.34
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	15	0.34
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	15	0.34
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	15	0.34
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	15	0.34
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	15	0.34
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	15	0.34
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	15	0.34
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	15	0.34
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	15	0.34
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	6	0.34
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	6	0.34
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	6	0.34
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	6	0.34
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	6	0.34
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	6	0.34
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	6	0.34
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	6	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	6	0.34
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	6	0.34
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	6	0.34
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	6	0.34
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	8	0.34
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	8	0.34
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	8	0.34
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	8	0.34
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	8	0.34
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	8	0.34
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	8	0.34
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	8	0.34
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	8	0.34
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	8	0.34
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	8	0.34
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	8	0.34
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	8	0.34
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	8	0.34
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	8	0.34
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	8	0.34
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	8	0.34
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	8	0.34
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	8	0.34
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	8	0.34
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	8	0.34
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	8	0.34
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	8	0.34
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	8	0.34
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	8	0.34
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	8	0.34
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	8	0.34
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	8	0.34
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	8	0.34
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	8	0.34
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	8	0.34
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	8	0.34
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	8	0.34
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	8	0.34
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	8	0.34
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	8	0.34
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	11	0.34
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	11	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	11	0.34
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	11	0.34
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	11	0.34
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	11	0.34
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	11	0.34
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	11	0.34
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	11	0.34
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	11	0.34
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	11	0.34
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	11	0.34
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	11	0.34
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	11	0.34
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	11	0.34
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	11	0.34
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	11	0.34
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	11	0.34
(2,1948)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	10	0.34
(2,1948)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	10	0.34
(2,1940)	1:58:A:ILE:HA	1:62:A:HIS:HE1	5	0.34
(2,1934)	1:80:A:TYR:HE1	1:81:A:GLU:H	4	0.34
(2,1934)	1:80:A:TYR:HE2	1:81:A:GLU:H	4	0.34
(2,1887)	1:9:A:PHE:HE1	1:54:A:ARG:HE	14	0.34
(2,1887)	1:9:A:PHE:HE2	1:54:A:ARG:HE	14	0.34
(2,1824)	1:9:A:PHE:HD1	1:11:A:ILE:HB	2	0.34
(2,1824)	1:9:A:PHE:HD2	1:11:A:ILE:HB	2	0.34
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE1	12	0.34
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE2	12	0.34
(2,1715)	1:43:A:MET:HG3	1:43:A:MET:HE3	12	0.34
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG11	14	0.34
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG12	14	0.34
(2,1664)	1:50:A:ALA:H	1:134:A:VAL:HG13	14	0.34
(2,1662)	1:47:A:ALA:H	1:134:A:VAL:HG11	1	0.34
(2,1662)	1:47:A:ALA:H	1:134:A:VAL:HG12	1	0.34
(2,1662)	1:47:A:ALA:H	1:134:A:VAL:HG13	1	0.34
(2,1643)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	13	0.34
(2,1582)	1:11:A:ILE:HD11	1:43:A:MET:HB2	15	0.34
(2,1582)	1:11:A:ILE:HD12	1:43:A:MET:HB2	15	0.34
(2,1582)	1:11:A:ILE:HD13	1:43:A:MET:HB2	15	0.34
(2,1580)	1:11:A:ILE:HD11	1:14:A:VAL:H	14	0.34
(2,1580)	1:11:A:ILE:HD12	1:14:A:VAL:H	14	0.34
(2,1580)	1:11:A:ILE:HD13	1:14:A:VAL:H	14	0.34
(2,1533)	1:69:A:MET:HE1	1:76:A:ARG:HG2	4	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1533)	1:69:A:MET:HE1	1:76:A:ARG:HG3	4	0.34
(2,1533)	1:69:A:MET:HE2	1:76:A:ARG:HG2	4	0.34
(2,1533)	1:69:A:MET:HE2	1:76:A:ARG:HG3	4	0.34
(2,1533)	1:69:A:MET:HE3	1:76:A:ARG:HG2	4	0.34
(2,1533)	1:69:A:MET:HE3	1:76:A:ARG:HG3	4	0.34
(2,1482)	1:101:A:ILE:HG21	1:115:A:ALA:H	12	0.34
(2,1482)	1:101:A:ILE:HG22	1:115:A:ALA:H	12	0.34
(2,1482)	1:101:A:ILE:HG23	1:115:A:ALA:H	12	0.34
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG21	18	0.34
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG22	18	0.34
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG23	18	0.34
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG21	18	0.34
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG22	18	0.34
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG23	18	0.34
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG21	18	0.34
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG22	18	0.34
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG23	18	0.34
(2,1354)	1:73:A:ILE:HB	1:76:A:ARG:HA	4	0.34
(2,1312)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.34
(2,1312)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.34
(2,1312)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.34
(2,1312)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.34
(2,1312)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.34
(2,1312)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.34
(2,1312)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.34
(2,1312)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.34
(2,1312)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.34
(2,1256)	1:23:A:LEU:HD11	1:25:A:ALA:H	1	0.34
(2,1256)	1:23:A:LEU:HD12	1:25:A:ALA:H	1	0.34
(2,1256)	1:23:A:LEU:HD13	1:25:A:ALA:H	1	0.34
(2,1167)	1:39:A:VAL:HA	1:140:A:LEU:HD21	4	0.34
(2,1167)	1:39:A:VAL:HA	1:140:A:LEU:HD22	4	0.34
(2,1167)	1:39:A:VAL:HA	1:140:A:LEU:HD23	4	0.34
(2,1144)	1:37:A:LEU:HA	1:40:A:LEU:HB3	11	0.34
(2,1144)	1:37:A:LEU:HA	1:40:A:LEU:HB3	19	0.34
(2,1116)	1:40:A:LEU:HA	1:43:A:MET:HG3	19	0.34
(2,1065)	1:54:A:ARG:HA	1:57:A:LEU:HB3	8	0.34
(2,951)	1:15:A:ALA:HB1	1:43:A:MET:HB2	2	0.34
(2,951)	1:15:A:ALA:HB2	1:43:A:MET:HB2	2	0.34
(2,951)	1:15:A:ALA:HB3	1:43:A:MET:HB2	2	0.34
(2,911)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	3	0.34
(2,911)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	3	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,911)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	3	0.34
(2,906)	1:20:A:THR:HB	1:21:A:THR:H	8	0.34
(2,892)	1:79:A:THR:HB	1:80:A:TYR:HD1	11	0.34
(2,892)	1:79:A:THR:HB	1:80:A:TYR:HD2	11	0.34
(2,830)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	9	0.34
(2,830)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	9	0.34
(2,830)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	9	0.34
(2,830)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	9	0.34
(2,830)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	9	0.34
(2,830)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	9	0.34
(2,830)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	9	0.34
(2,830)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	9	0.34
(2,830)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	9	0.34
(2,736)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	14	0.34
(2,642)	1:66:A:THR:H	1:69:A:MET:HA	6	0.34
(2,569)	1:98:A:ILE:HD11	1:116:A:GLN:H	10	0.34
(2,569)	1:98:A:ILE:HD12	1:116:A:GLN:H	10	0.34
(2,569)	1:98:A:ILE:HD13	1:116:A:GLN:H	10	0.34
(2,538)	1:60:A:LEU:HD21	1:61:A:SER:H	8	0.34
(2,538)	1:60:A:LEU:HD22	1:61:A:SER:H	8	0.34
(2,538)	1:60:A:LEU:HD23	1:61:A:SER:H	8	0.34
(2,484)	1:13:A:ALA:HB1	1:79:A:THR:H	4	0.34
(2,484)	1:13:A:ALA:HB2	1:79:A:THR:H	4	0.34
(2,484)	1:13:A:ALA:HB3	1:79:A:THR:H	4	0.34
(2,403)	1:119:A:LEU:H	1:119:A:LEU:HG	8	0.34
(2,372)	1:40:A:LEU:HB3	1:41:A:LYS:H	15	0.34
(2,340)	1:123:A:CYS:H	1:123:A:CYS:HB2	4	0.34
(2,340)	1:123:A:CYS:H	1:123:A:CYS:HB2	16	0.34
(2,338)	1:123:A:CYS:H	1:123:A:CYS:HB3	1	0.34
(2,130)	1:13:A:ALA:HB1	1:80:A:TYR:H	6	0.34
(2,130)	1:13:A:ALA:HB2	1:80:A:TYR:H	6	0.34
(2,130)	1:13:A:ALA:HB3	1:80:A:TYR:H	6	0.34
(2,129)	1:41:A:LYS:HG3	1:42:A:GLU:H	19	0.34
(2,112)	1:22:A:ASP:H	1:23:A:LEU:HB2	13	0.34
(2,112)	1:22:A:ASP:H	1:23:A:LEU:HB3	13	0.34
(2,112)	1:22:A:ASP:H	1:23:A:LEU:HB2	19	0.34
(2,112)	1:22:A:ASP:H	1:23:A:LEU:HB3	19	0.34
(2,63)	1:81:A:GLU:H	1:81:A:GLU:HG2	6	0.34
(2,63)	1:81:A:GLU:H	1:81:A:GLU:HG3	6	0.34
(2,45)	1:44:A:GLU:HB2	1:47:A:ALA:H	8	0.34
(2,45)	1:44:A:GLU:HB3	1:47:A:ALA:H	8	0.34
(2,33)	1:95:A:ILE:HB	1:96:A:VAL:H	3	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,33)	1:95:A:ILE:HB	1:96:A:VAL:H	8	0.34
(1,2403)	1:134:A:VAL:HG11	1:137:A:SER:HB2	4	0.34
(1,2403)	1:134:A:VAL:HG11	1:137:A:SER:HB3	4	0.34
(1,2403)	1:134:A:VAL:HG12	1:137:A:SER:HB2	4	0.34
(1,2403)	1:134:A:VAL:HG12	1:137:A:SER:HB3	4	0.34
(1,2403)	1:134:A:VAL:HG13	1:137:A:SER:HB2	4	0.34
(1,2403)	1:134:A:VAL:HG13	1:137:A:SER:HB3	4	0.34
(1,2403)	1:134:A:VAL:HG21	1:137:A:SER:HB2	4	0.34
(1,2403)	1:134:A:VAL:HG21	1:137:A:SER:HB3	4	0.34
(1,2403)	1:134:A:VAL:HG22	1:137:A:SER:HB2	4	0.34
(1,2403)	1:134:A:VAL:HG22	1:137:A:SER:HB3	4	0.34
(1,2403)	1:134:A:VAL:HG23	1:137:A:SER:HB2	4	0.34
(1,2403)	1:134:A:VAL:HG23	1:137:A:SER:HB3	4	0.34
(1,2328)	1:113:A:PHE:HE1	1:114:A:ILE:HG12	7	0.34
(1,2328)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	7	0.34
(1,2328)	1:113:A:PHE:HE2	1:114:A:ILE:HG12	7	0.34
(1,2328)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	7	0.34
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	14	0.34
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	14	0.34
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	14	0.34
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	14	0.34
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	14	0.34
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	14	0.34
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD11	8	0.34
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD12	8	0.34
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD13	8	0.34
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD21	8	0.34
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD22	8	0.34
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD23	8	0.34
(1,2210)	1:65:A:CYS:HB2	1:70:A:LYS:HA	14	0.34
(1,2210)	1:65:A:CYS:HB3	1:70:A:LYS:HA	14	0.34
(1,2108)	1:39:A:VAL:HG11	1:140:A:LEU:HG	7	0.34
(1,2108)	1:39:A:VAL:HG12	1:140:A:LEU:HG	7	0.34
(1,2108)	1:39:A:VAL:HG13	1:140:A:LEU:HG	7	0.34
(1,2108)	1:39:A:VAL:HG21	1:140:A:LEU:HG	7	0.34
(1,2108)	1:39:A:VAL:HG22	1:140:A:LEU:HG	7	0.34
(1,2108)	1:39:A:VAL:HG23	1:140:A:LEU:HG	7	0.34
(1,2106)	1:39:A:VAL:HG11	1:139:A:LEU:HD11	18	0.34
(1,2106)	1:39:A:VAL:HG11	1:139:A:LEU:HD12	18	0.34
(1,2106)	1:39:A:VAL:HG11	1:139:A:LEU:HD13	18	0.34
(1,2106)	1:39:A:VAL:HG11	1:139:A:LEU:HD21	18	0.34
(1,2106)	1:39:A:VAL:HG11	1:139:A:LEU:HD22	18	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2106)	1:39:A:VAL:HG11	1:139:A:LEU:HD23	18	0.34
(1,2106)	1:39:A:VAL:HG12	1:139:A:LEU:HD11	18	0.34
(1,2106)	1:39:A:VAL:HG12	1:139:A:LEU:HD12	18	0.34
(1,2106)	1:39:A:VAL:HG12	1:139:A:LEU:HD13	18	0.34
(1,2106)	1:39:A:VAL:HG12	1:139:A:LEU:HD21	18	0.34
(1,2106)	1:39:A:VAL:HG12	1:139:A:LEU:HD22	18	0.34
(1,2106)	1:39:A:VAL:HG12	1:139:A:LEU:HD23	18	0.34
(1,2106)	1:39:A:VAL:HG13	1:139:A:LEU:HD11	18	0.34
(1,2106)	1:39:A:VAL:HG13	1:139:A:LEU:HD12	18	0.34
(1,2106)	1:39:A:VAL:HG13	1:139:A:LEU:HD13	18	0.34
(1,2106)	1:39:A:VAL:HG13	1:139:A:LEU:HD21	18	0.34
(1,2106)	1:39:A:VAL:HG13	1:139:A:LEU:HD22	18	0.34
(1,2106)	1:39:A:VAL:HG13	1:139:A:LEU:HD23	18	0.34
(1,2106)	1:39:A:VAL:HG21	1:139:A:LEU:HD11	18	0.34
(1,2106)	1:39:A:VAL:HG21	1:139:A:LEU:HD12	18	0.34
(1,2106)	1:39:A:VAL:HG21	1:139:A:LEU:HD13	18	0.34
(1,2106)	1:39:A:VAL:HG21	1:139:A:LEU:HD21	18	0.34
(1,2106)	1:39:A:VAL:HG21	1:139:A:LEU:HD22	18	0.34
(1,2106)	1:39:A:VAL:HG21	1:139:A:LEU:HD23	18	0.34
(1,2106)	1:39:A:VAL:HG22	1:139:A:LEU:HD11	18	0.34
(1,2106)	1:39:A:VAL:HG22	1:139:A:LEU:HD12	18	0.34
(1,2106)	1:39:A:VAL:HG22	1:139:A:LEU:HD13	18	0.34
(1,2106)	1:39:A:VAL:HG22	1:139:A:LEU:HD21	18	0.34
(1,2106)	1:39:A:VAL:HG22	1:139:A:LEU:HD22	18	0.34
(1,2106)	1:39:A:VAL:HG22	1:139:A:LEU:HD23	18	0.34
(1,2106)	1:39:A:VAL:HG23	1:139:A:LEU:HD11	18	0.34
(1,2106)	1:39:A:VAL:HG23	1:139:A:LEU:HD12	18	0.34
(1,2106)	1:39:A:VAL:HG23	1:139:A:LEU:HD13	18	0.34
(1,2106)	1:39:A:VAL:HG23	1:139:A:LEU:HD21	18	0.34
(1,2106)	1:39:A:VAL:HG23	1:139:A:LEU:HD22	18	0.34
(1,2106)	1:39:A:VAL:HG23	1:139:A:LEU:HD23	18	0.34
(1,2074)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	9	0.34
(1,2074)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	9	0.34
(1,2074)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	9	0.34
(1,2074)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	9	0.34
(1,2074)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	9	0.34
(1,2074)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	9	0.34
(1,2052)	1:30:A:LEU:HD11	1:144:A:LEU:HA	7	0.34
(1,2052)	1:30:A:LEU:HD12	1:144:A:LEU:HA	7	0.34
(1,2052)	1:30:A:LEU:HD13	1:144:A:LEU:HA	7	0.34
(1,2052)	1:30:A:LEU:HD21	1:144:A:LEU:HA	7	0.34
(1,2052)	1:30:A:LEU:HD22	1:144:A:LEU:HA	7	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2052)	1:30:A:LEU:HD23	1:144:A:LEU:HA	7	0.34
(1,2026)	1:23:A:LEU:HD11	1:25:A:ALA:H	11	0.34
(1,2026)	1:23:A:LEU:HD12	1:25:A:ALA:H	11	0.34
(1,2026)	1:23:A:LEU:HD13	1:25:A:ALA:H	11	0.34
(1,2026)	1:23:A:LEU:HD21	1:25:A:ALA:H	11	0.34
(1,2026)	1:23:A:LEU:HD22	1:25:A:ALA:H	11	0.34
(1,2026)	1:23:A:LEU:HD23	1:25:A:ALA:H	11	0.34
(1,2024)	1:23:A:LEU:HD11	1:24:A:ASP:H	12	0.34
(1,2024)	1:23:A:LEU:HD12	1:24:A:ASP:H	12	0.34
(1,2024)	1:23:A:LEU:HD13	1:24:A:ASP:H	12	0.34
(1,2024)	1:23:A:LEU:HD21	1:24:A:ASP:H	12	0.34
(1,2024)	1:23:A:LEU:HD22	1:24:A:ASP:H	12	0.34
(1,2024)	1:23:A:LEU:HD23	1:24:A:ASP:H	12	0.34
(1,1925)	1:80:A:TYR:HE1	1:81:A:GLU:H	4	0.34
(1,1925)	1:80:A:TYR:HE2	1:81:A:GLU:H	4	0.34
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	18	0.34
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	18	0.34
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	18	0.34
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	3	0.34
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	3	0.34
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	3	0.34
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	3	0.34
(1,1800)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	15	0.34
(1,1800)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	15	0.34
(1,1800)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	15	0.34
(1,1800)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	15	0.34
(1,1800)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	15	0.34
(1,1800)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	15	0.34
(1,1800)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	15	0.34
(1,1800)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	15	0.34
(1,1800)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	15	0.34
(1,1800)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	15	0.34
(1,1800)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	15	0.34
(1,1800)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	15	0.34
(1,1780)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	3	0.34
(1,1780)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	3	0.34
(1,1780)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	3	0.34
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE1	12	0.34
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE2	12	0.34
(1,1710)	1:43:A:MET:HG3	1:43:A:MET:HE3	12	0.34
(1,1670)	1:69:A:MET:HE1	1:116:A:GLN:HE21	2	0.34
(1,1670)	1:69:A:MET:HE2	1:116:A:GLN:HE21	2	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1670)	1:69:A:MET:HE3	1:116:A:GLN:HE21	2	0.34
(1,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	14	0.34
(1,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	14	0.34
(1,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	14	0.34
(1,1582)	1:11:A:ILE:HD11	1:43:A:MET:HB2	15	0.34
(1,1582)	1:11:A:ILE:HD12	1:43:A:MET:HB2	15	0.34
(1,1582)	1:11:A:ILE:HD13	1:43:A:MET:HB2	15	0.34
(1,1580)	1:11:A:ILE:HD11	1:14:A:VAL:H	19	0.34
(1,1580)	1:11:A:ILE:HD12	1:14:A:VAL:H	19	0.34
(1,1580)	1:11:A:ILE:HD13	1:14:A:VAL:H	19	0.34
(1,1489)	1:101:A:ILE:HG21	1:115:A:ALA:HA	10	0.34
(1,1489)	1:101:A:ILE:HG22	1:115:A:ALA:HA	10	0.34
(1,1489)	1:101:A:ILE:HG23	1:115:A:ALA:HA	10	0.34
(1,1484)	1:101:A:ILE:HG21	1:115:A:ALA:H	12	0.34
(1,1484)	1:101:A:ILE:HG22	1:115:A:ALA:H	12	0.34
(1,1484)	1:101:A:ILE:HG23	1:115:A:ALA:H	12	0.34
(1,1468)	1:14:A:VAL:HB	1:15:A:ALA:HB1	3	0.34
(1,1468)	1:14:A:VAL:HB	1:15:A:ALA:HB2	3	0.34
(1,1468)	1:14:A:VAL:HB	1:15:A:ALA:HB3	3	0.34
(1,1468)	1:14:A:VAL:HB	1:15:A:ALA:HB1	9	0.34
(1,1468)	1:14:A:VAL:HB	1:15:A:ALA:HB2	9	0.34
(1,1468)	1:14:A:VAL:HB	1:15:A:ALA:HB3	9	0.34
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	2	0.34
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	2	0.34
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	2	0.34
(1,1295)	1:66:A:THR:HG21	1:96:A:VAL:H	1	0.34
(1,1295)	1:66:A:THR:HG22	1:96:A:VAL:H	1	0.34
(1,1295)	1:66:A:THR:HG23	1:96:A:VAL:H	1	0.34
(1,1136)	1:40:A:LEU:HA	1:43:A:MET:HG3	19	0.34
(1,1079)	1:54:A:ARG:HA	1:58:A:ILE:HG13	1	0.34
(1,1078)	1:140:A:LEU:H	1:140:A:LEU:HG	4	0.34
(1,1028)	1:66:A:THR:HG21	1:96:A:VAL:HA	13	0.34
(1,1028)	1:66:A:THR:HG22	1:96:A:VAL:HA	13	0.34
(1,1028)	1:66:A:THR:HG23	1:96:A:VAL:HA	13	0.34
(1,936)	1:43:A:MET:HA	1:44:A:GLU:HG2	15	0.34
(1,914)	1:79:A:THR:HB	1:80:A:TYR:HD1	11	0.34
(1,914)	1:79:A:THR:HB	1:80:A:TYR:HD2	11	0.34
(1,833)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	10	0.34
(1,833)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	10	0.34
(1,833)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	10	0.34
(1,650)	1:66:A:THR:H	1:69:A:MET:HA	6	0.34
(1,630)	1:46:A:ASN:HD21	1:47:A:ALA:H	10	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,619)	1:14:A:VAL:HB	1:16:A:SER:H	3	0.34
(1,573)	1:98:A:ILE:HD11	1:116:A:GLN:H	10	0.34
(1,573)	1:98:A:ILE:HD12	1:116:A:GLN:H	10	0.34
(1,573)	1:98:A:ILE:HD13	1:116:A:GLN:H	10	0.34
(1,564)	1:10:A:ASN:HD21	1:14:A:VAL:HB	5	0.34
(1,488)	1:13:A:ALA:HB1	1:79:A:THR:H	4	0.34
(1,488)	1:13:A:ALA:HB2	1:79:A:THR:H	4	0.34
(1,488)	1:13:A:ALA:HB3	1:79:A:THR:H	4	0.34
(1,377)	1:40:A:LEU:HB3	1:41:A:LYS:H	19	0.34
(1,348)	1:123:A:CYS:H	1:123:A:CYS:HB2	4	0.34
(1,348)	1:123:A:CYS:H	1:123:A:CYS:HB2	16	0.34
(1,346)	1:123:A:CYS:H	1:123:A:CYS:HB3	1	0.34
(1,277)	1:112:A:GLN:H	1:112:A:GLN:HE21	7	0.34
(1,124)	1:22:A:ASP:H	1:23:A:LEU:HB2	13	0.34
(1,124)	1:22:A:ASP:H	1:23:A:LEU:HB3	13	0.34
(1,124)	1:22:A:ASP:H	1:23:A:LEU:HB2	19	0.34
(1,124)	1:22:A:ASP:H	1:23:A:LEU:HB3	19	0.34
(1,113)	1:69:A:MET:H	1:69:A:MET:HE1	15	0.34
(1,113)	1:69:A:MET:H	1:69:A:MET:HE2	15	0.34
(1,113)	1:69:A:MET:H	1:69:A:MET:HE3	15	0.34
(1,58)	1:98:A:ILE:H	1:101:A:ILE:HG13	4	0.34
(1,53)	1:44:A:GLU:HB2	1:47:A:ALA:H	8	0.34
(1,53)	1:44:A:GLU:HB3	1:47:A:ALA:H	8	0.34
(1,7)	1:39:A:VAL:HG11	1:143:A:TRP:HE1	9	0.34
(1,7)	1:39:A:VAL:HG12	1:143:A:TRP:HE1	9	0.34
(1,7)	1:39:A:VAL:HG13	1:143:A:TRP:HE1	9	0.34
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG11	5	0.33
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG12	5	0.33
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG13	5	0.33
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG21	5	0.33
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG22	5	0.33
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG23	5	0.33
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG11	14	0.33
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG12	14	0.33
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG13	14	0.33
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG21	14	0.33
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG22	14	0.33
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG23	14	0.33
(34,2228)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	7	0.33
(34,2228)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	7	0.33
(34,2228)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	7	0.33
(34,2228)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	7	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE1	1	0.33
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE2	1	0.33
(34,2139)	1:40:A:LEU:HD11	1:43:A:MET:HE3	1	0.33
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE1	1	0.33
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE2	1	0.33
(34,2139)	1:40:A:LEU:HD12	1:43:A:MET:HE3	1	0.33
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE1	1	0.33
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE2	1	0.33
(34,2139)	1:40:A:LEU:HD13	1:43:A:MET:HE3	1	0.33
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE1	1	0.33
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE2	1	0.33
(34,2139)	1:40:A:LEU:HD21	1:43:A:MET:HE3	1	0.33
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE1	1	0.33
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE2	1	0.33
(34,2139)	1:40:A:LEU:HD22	1:43:A:MET:HE3	1	0.33
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE1	1	0.33
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE2	1	0.33
(34,2139)	1:40:A:LEU:HD23	1:43:A:MET:HE3	1	0.33
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD11	13	0.33
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD12	13	0.33
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD13	13	0.33
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD21	13	0.33
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD22	13	0.33
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD23	13	0.33
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD11	10	0.33
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD12	10	0.33
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD13	10	0.33
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD21	10	0.33
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD22	10	0.33
(34,2068)	1:32:A:GLY:HA2	1:35:A:LEU:HD23	10	0.33
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD11	10	0.33
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD12	10	0.33
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD13	10	0.33
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD21	10	0.33
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD22	10	0.33
(34,2068)	1:32:A:GLY:HA3	1:35:A:LEU:HD23	10	0.33
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD11	12	0.33
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD12	12	0.33
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD13	12	0.33
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD21	12	0.33
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD22	12	0.33
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD23	12	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	8	0.33
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	8	0.33
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	8	0.33
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	8	0.33
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	8	0.33
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	8	0.33
(34,2030)	1:18:A:PHE:HD1	1:131:A:LEU:HB2	13	0.33
(34,2030)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	13	0.33
(34,2030)	1:18:A:PHE:HD2	1:131:A:LEU:HB2	13	0.33
(34,2030)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	13	0.33
(34,1979)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	15	0.33
(34,1979)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	15	0.33
(34,1979)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	15	0.33
(34,1979)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	15	0.33
(34,1979)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	15	0.33
(34,1979)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	15	0.33
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	11	0.33
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	11	0.33
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	11	0.33
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	11	0.33
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	11	0.33
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	11	0.33
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	11	0.33
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	11	0.33
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	11	0.33
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	11	0.33
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	11	0.33
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	11	0.33
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	11	0.33
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	11	0.33
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	11	0.33
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	11	0.33
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	11	0.33
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	11	0.33
(34,1906)	1:63:A:ILE:HB	1:113:A:PHE:HD1	11	0.33
(34,1906)	1:63:A:ILE:HB	1:113:A:PHE:HD2	11	0.33
(34,1904)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	14	0.33
(34,1904)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	14	0.33
(34,1904)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	14	0.33
(34,1904)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	14	0.33
(34,1904)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	14	0.33
(34,1904)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	14	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1863)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	13	0.33
(34,1863)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	13	0.33
(34,1808)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	18	0.33
(34,1808)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	18	0.33
(34,1808)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	18	0.33
(34,1808)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	18	0.33
(34,1721)	1:67:A:PRO:HD2	1:95:A:ILE:HA	9	0.33
(34,1715)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	12	0.33
(34,1715)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	12	0.33
(34,1585)	1:11:A:ILE:HD11	1:12:A:VAL:H	15	0.33
(34,1585)	1:11:A:ILE:HD12	1:12:A:VAL:H	15	0.33
(34,1585)	1:11:A:ILE:HD13	1:12:A:VAL:H	15	0.33
(34,1496)	1:101:A:ILE:HG21	1:102:A:PRO:HA	3	0.33
(34,1496)	1:101:A:ILE:HG22	1:102:A:PRO:HA	3	0.33
(34,1496)	1:101:A:ILE:HG23	1:102:A:PRO:HA	3	0.33
(34,1485)	1:42:A:GLU:HA	1:45:A:ALA:HB1	9	0.33
(34,1485)	1:42:A:GLU:HA	1:45:A:ALA:HB2	9	0.33
(34,1485)	1:42:A:GLU:HA	1:45:A:ALA:HB3	9	0.33
(34,1407)	1:16:A:SER:HA	1:19:A:ALA:HB1	6	0.33
(34,1407)	1:16:A:SER:HA	1:19:A:ALA:HB2	6	0.33
(34,1407)	1:16:A:SER:HA	1:19:A:ALA:HB3	6	0.33
(34,1385)	1:46:A:ASN:HB3	1:134:A:VAL:HG21	3	0.33
(34,1385)	1:46:A:ASN:HB3	1:134:A:VAL:HG22	3	0.33
(34,1385)	1:46:A:ASN:HB3	1:134:A:VAL:HG23	3	0.33
(34,1358)	1:105:A:LYS:HB2	1:106:A:ASP:HA	10	0.33
(34,1358)	1:105:A:LYS:HB3	1:106:A:ASP:HA	10	0.33
(34,1357)	1:103:A:ARG:HG2	1:106:A:ASP:HA	1	0.33
(34,1357)	1:103:A:ARG:HG3	1:106:A:ASP:HA	1	0.33
(34,1281)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	6	0.33
(34,1281)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	6	0.33
(34,1281)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	6	0.33
(34,1164)	1:138:A:ASP:HA	1:141:A:LYS:H	4	0.33
(34,1064)	1:11:A:ILE:HB	1:44:A:GLU:HB2	8	0.33
(34,1064)	1:11:A:ILE:HB	1:44:A:GLU:HB3	8	0.33
(34,1018)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	13	0.33
(34,1018)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	13	0.33
(34,940)	1:125:A:THR:HB	1:128:A:LEU:HB2	1	0.33
(34,899)	1:151:A:PHE:H	1:151:A:PHE:HB3	11	0.33
(34,874)	1:56:A:CYS:H	1:122:A:ASP:HB3	3	0.33
(34,837)	1:114:A:ILE:HA	1:114:A:ILE:HD11	15	0.33
(34,837)	1:114:A:ILE:HA	1:114:A:ILE:HD12	15	0.33
(34,837)	1:114:A:ILE:HA	1:114:A:ILE:HD13	15	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,680)	1:63:A:ILE:HG12	1:117:A:VAL:H	14	0.33
(34,666)	1:101:A:ILE:HB	1:103:A:ARG:H	4	0.33
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD21	17	0.33
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD22	17	0.33
(34,634)	1:57:A:LEU:H	1:60:A:LEU:HD23	17	0.33
(34,552)	1:60:A:LEU:HD21	1:61:A:SER:H	16	0.33
(34,552)	1:60:A:LEU:HD22	1:61:A:SER:H	16	0.33
(34,552)	1:60:A:LEU:HD23	1:61:A:SER:H	16	0.33
(34,394)	1:106:A:ASP:H	1:112:A:GLN:HE21	4	0.33
(34,321)	1:40:A:LEU:HD11	1:43:A:MET:H	4	0.33
(34,321)	1:40:A:LEU:HD12	1:43:A:MET:H	4	0.33
(34,321)	1:40:A:LEU:HD13	1:43:A:MET:H	4	0.33
(34,256)	1:58:A:ILE:H	1:58:A:ILE:HD11	13	0.33
(34,256)	1:58:A:ILE:H	1:58:A:ILE:HD12	13	0.33
(34,256)	1:58:A:ILE:H	1:58:A:ILE:HD13	13	0.33
(34,130)	1:46:A:ASN:HB3	1:49:A:LYS:H	4	0.33
(34,68)	1:79:A:THR:HG21	1:81:A:GLU:H	8	0.33
(34,68)	1:79:A:THR:HG22	1:81:A:GLU:H	8	0.33
(34,68)	1:79:A:THR:HG23	1:81:A:GLU:H	8	0.33
(34,12)	1:64:A:LYS:H	1:116:A:GLN:HG2	19	0.33
(34,7)	1:64:A:LYS:H	1:116:A:GLN:HE21	15	0.33
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD11	13	0.33
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD12	13	0.33
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD13	13	0.33
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD21	13	0.33
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD22	13	0.33
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD23	13	0.33
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD11	13	0.33
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD12	13	0.33
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD13	13	0.33
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD21	13	0.33
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD22	13	0.33
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD23	13	0.33
(33,2069)	1:34:A:LYS:H	1:81:A:GLU:HB2	8	0.33
(33,2069)	1:34:A:LYS:H	1:81:A:GLU:HB3	8	0.33
(33,2052)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	10	0.33
(33,2052)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	10	0.33
(33,2052)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	10	0.33
(33,2052)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	10	0.33
(33,2052)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	10	0.33
(33,2052)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	10	0.33
(33,2052)	1:27:A:ARG:HB3	1:30:A:LEU:HD11	10	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2052)	1:27:A:ARG:HB3	1:30:A:LEU:HD12	10	0.33
(33,2052)	1:27:A:ARG:HB3	1:30:A:LEU:HD13	10	0.33
(33,2052)	1:27:A:ARG:HB3	1:30:A:LEU:HD21	10	0.33
(33,2052)	1:27:A:ARG:HB3	1:30:A:LEU:HD22	10	0.33
(33,2052)	1:27:A:ARG:HB3	1:30:A:LEU:HD23	10	0.33
(33,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	8	0.33
(33,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	8	0.33
(33,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	8	0.33
(33,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	8	0.33
(33,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	8	0.33
(33,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	8	0.33
(33,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	8	0.33
(33,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	8	0.33
(33,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	8	0.33
(33,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	8	0.33
(33,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	8	0.33
(33,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	8	0.33
(33,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	8	0.33
(33,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	8	0.33
(33,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	8	0.33
(33,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	8	0.33
(33,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	8	0.33
(33,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	8	0.33
(33,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	18	0.33
(33,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	18	0.33
(33,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	18	0.33
(33,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	18	0.33
(33,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	18	0.33
(33,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	18	0.33
(33,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	18	0.33
(33,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	18	0.33
(33,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	18	0.33
(33,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	18	0.33
(33,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	18	0.33
(33,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	18	0.33
(33,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	18	0.33
(33,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	18	0.33
(33,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	18	0.33
(33,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	18	0.33
(33,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	18	0.33
(33,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	18	0.33
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	7	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	7	0.33
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	7	0.33
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD21	7	0.33
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD22	7	0.33
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD23	7	0.33
(33,1940)	1:10:A:ASN:HD21	1:13:A:ALA:HB1	16	0.33
(33,1940)	1:10:A:ASN:HD21	1:13:A:ALA:HB2	16	0.33
(33,1940)	1:10:A:ASN:HD21	1:13:A:ALA:HB3	16	0.33
(33,1940)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	16	0.33
(33,1940)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	16	0.33
(33,1940)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	16	0.33
(33,1900)	1:151:A:PHE:H	1:151:A:PHE:HD1	16	0.33
(33,1900)	1:151:A:PHE:H	1:151:A:PHE:HD2	16	0.33
(33,1851)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	13	0.33
(33,1851)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	13	0.33
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG21	13	0.33
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG22	13	0.33
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG23	13	0.33
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG21	13	0.33
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG22	13	0.33
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG23	13	0.33
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG21	13	0.33
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG22	13	0.33
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG23	13	0.33
(33,1710)	1:13:A:ALA:HA	1:79:A:THR:HG21	13	0.33
(33,1710)	1:13:A:ALA:HA	1:79:A:THR:HG22	13	0.33
(33,1710)	1:13:A:ALA:HA	1:79:A:THR:HG23	13	0.33
(33,1557)	1:11:A:ILE:HD11	1:12:A:VAL:H	15	0.33
(33,1557)	1:11:A:ILE:HD12	1:12:A:VAL:H	15	0.33
(33,1557)	1:11:A:ILE:HD13	1:12:A:VAL:H	15	0.33
(33,1473)	1:101:A:ILE:HG21	1:115:A:ALA:HA	8	0.33
(33,1473)	1:101:A:ILE:HG22	1:115:A:ALA:HA	8	0.33
(33,1473)	1:101:A:ILE:HG23	1:115:A:ALA:HA	8	0.33
(33,1465)	1:42:A:GLU:HA	1:45:A:ALA:HB1	9	0.33
(33,1465)	1:42:A:GLU:HA	1:45:A:ALA:HB2	9	0.33
(33,1465)	1:42:A:GLU:HA	1:45:A:ALA:HB3	9	0.33
(33,1243)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	14	0.33
(33,1243)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	14	0.33
(33,1243)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	14	0.33
(33,1173)	1:140:A:LEU:H	1:140:A:LEU:HD11	7	0.33
(33,1173)	1:140:A:LEU:H	1:140:A:LEU:HD12	7	0.33
(33,1173)	1:140:A:LEU:H	1:140:A:LEU:HD13	7	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1135)	1:138:A:ASP:HA	1:141:A:LYS:H	4	0.33
(33,1115)	1:105:A:LYS:HA	1:105:A:LYS:HG3	13	0.33
(33,1060)	1:71:A:LYS:HG3	1:72:A:PHE:HA	16	0.33
(33,956)	1:40:A:LEU:HA	1:43:A:MET:HG2	3	0.33
(33,940)	1:63:A:ILE:HG12	1:117:A:VAL:HA	14	0.33
(33,883)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	14	0.33
(33,883)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	14	0.33
(33,883)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	14	0.33
(33,837)	1:114:A:ILE:HA	1:114:A:ILE:HD11	15	0.33
(33,837)	1:114:A:ILE:HA	1:114:A:ILE:HD12	15	0.33
(33,837)	1:114:A:ILE:HA	1:114:A:ILE:HD13	15	0.33
(33,830)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	2	0.33
(33,830)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	2	0.33
(33,830)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	2	0.33
(33,830)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	2	0.33
(33,830)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	2	0.33
(33,830)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	2	0.33
(33,801)	1:54:A:ARG:HE	1:58:A:ILE:HD11	5	0.33
(33,801)	1:54:A:ARG:HE	1:58:A:ILE:HD12	5	0.33
(33,801)	1:54:A:ARG:HE	1:58:A:ILE:HD13	5	0.33
(33,760)	1:42:A:GLU:H	1:42:A:GLU:HB3	18	0.33
(33,640)	1:66:A:THR:H	1:70:A:LYS:H	15	0.33
(33,388)	1:106:A:ASP:H	1:112:A:GLN:HE21	4	0.33
(33,62)	1:11:A:ILE:HD11	1:47:A:ALA:H	6	0.33
(33,62)	1:11:A:ILE:HD12	1:47:A:ALA:H	6	0.33
(33,62)	1:11:A:ILE:HD13	1:47:A:ALA:H	6	0.33
(33,58)	1:98:A:ILE:H	1:101:A:ILE:HG13	12	0.33
(33,45)	1:98:A:ILE:H	1:105:A:LYS:HA	16	0.33
(33,16)	1:64:A:LYS:H	1:116:A:GLN:HG2	19	0.33
(32,2467)	1:140:A:LEU:HD11	1:143:A:TRP:H	17	0.33
(32,2467)	1:140:A:LEU:HD12	1:143:A:TRP:H	17	0.33
(32,2467)	1:140:A:LEU:HD13	1:143:A:TRP:H	17	0.33
(32,2467)	1:140:A:LEU:HD21	1:143:A:TRP:H	17	0.33
(32,2467)	1:140:A:LEU:HD22	1:143:A:TRP:H	17	0.33
(32,2467)	1:140:A:LEU:HD23	1:143:A:TRP:H	17	0.33
(32,2436)	1:136:A:CYS:HA	1:140:A:LEU:HD11	12	0.33
(32,2436)	1:136:A:CYS:HA	1:140:A:LEU:HD12	12	0.33
(32,2436)	1:136:A:CYS:HA	1:140:A:LEU:HD13	12	0.33
(32,2436)	1:136:A:CYS:HA	1:140:A:LEU:HD21	12	0.33
(32,2436)	1:136:A:CYS:HA	1:140:A:LEU:HD22	12	0.33
(32,2436)	1:136:A:CYS:HA	1:140:A:LEU:HD23	12	0.33
(32,2290)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	16	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2290)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	16	0.33
(32,2290)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	16	0.33
(32,2290)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	16	0.33
(32,2290)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	16	0.33
(32,2290)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	16	0.33
(32,2290)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	16	0.33
(32,2290)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	16	0.33
(32,2290)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	16	0.33
(32,2290)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	16	0.33
(32,2290)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	16	0.33
(32,2290)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	16	0.33
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD11	5	0.33
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD12	5	0.33
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD13	5	0.33
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD21	5	0.33
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD22	5	0.33
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD23	5	0.33
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD11	12	0.33
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD12	12	0.33
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD13	12	0.33
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD21	12	0.33
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD22	12	0.33
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD23	12	0.33
(32,1986)	1:18:A:PHE:HB2	1:132:A:ALA:H	11	0.33
(32,1986)	1:18:A:PHE:HB3	1:132:A:ALA:H	11	0.33
(32,1906)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	6	0.33
(32,1906)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	6	0.33
(32,1906)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	6	0.33
(32,1906)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	6	0.33
(32,1906)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	6	0.33
(32,1906)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	6	0.33
(32,1874)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	16	0.33
(32,1866)	1:151:A:PHE:H	1:151:A:PHE:HD1	16	0.33
(32,1866)	1:151:A:PHE:H	1:151:A:PHE:HD2	16	0.33
(32,1829)	1:9:A:PHE:HE1	1:54:A:ARG:HE	14	0.33
(32,1829)	1:9:A:PHE:HE2	1:54:A:ARG:HE	14	0.33
(32,1821)	1:9:A:PHE:HD1	1:57:A:LEU:HG	8	0.33
(32,1821)	1:9:A:PHE:HD2	1:57:A:LEU:HG	8	0.33
(32,1787)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	16	0.33
(32,1787)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	16	0.33
(32,1787)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	16	0.33
(32,1761)	1:9:A:PHE:HD1	1:11:A:ILE:HB	5	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1761)	1:9:A:PHE:HD2	1:11:A:ILE:HB	5	0.33
(32,1730)	1:65:A:CYS:HB2	1:69:A:MET:HE1	8	0.33
(32,1730)	1:65:A:CYS:HB2	1:69:A:MET:HE2	8	0.33
(32,1730)	1:65:A:CYS:HB2	1:69:A:MET:HE3	8	0.33
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG21	13	0.33
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG22	13	0.33
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG23	13	0.33
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG21	13	0.33
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG22	13	0.33
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG23	13	0.33
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG21	13	0.33
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG22	13	0.33
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG23	13	0.33
(32,1677)	1:13:A:ALA:HA	1:79:A:THR:HG21	13	0.33
(32,1677)	1:13:A:ALA:HA	1:79:A:THR:HG22	13	0.33
(32,1677)	1:13:A:ALA:HA	1:79:A:THR:HG23	13	0.33
(32,1544)	1:97:A:ASP:H	1:98:A:ILE:HD11	16	0.33
(32,1544)	1:97:A:ASP:H	1:98:A:ILE:HD12	16	0.33
(32,1544)	1:97:A:ASP:H	1:98:A:ILE:HD13	16	0.33
(32,1540)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	13	0.33
(32,1540)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	13	0.33
(32,1540)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	13	0.33
(32,1540)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	13	0.33
(32,1540)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	13	0.33
(32,1540)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	13	0.33
(32,1529)	1:11:A:ILE:HD11	1:12:A:VAL:H	15	0.33
(32,1529)	1:11:A:ILE:HD12	1:12:A:VAL:H	15	0.33
(32,1529)	1:11:A:ILE:HD13	1:12:A:VAL:H	15	0.33
(32,1441)	1:101:A:ILE:HG21	1:115:A:ALA:HA	8	0.33
(32,1441)	1:101:A:ILE:HG22	1:115:A:ALA:HA	8	0.33
(32,1441)	1:101:A:ILE:HG23	1:115:A:ALA:HA	8	0.33
(32,1433)	1:42:A:GLU:HA	1:45:A:ALA:HB1	9	0.33
(32,1433)	1:42:A:GLU:HA	1:45:A:ALA:HB2	9	0.33
(32,1433)	1:42:A:GLU:HA	1:45:A:ALA:HB3	9	0.33
(32,1237)	1:15:A:ALA:HA	1:131:A:LEU:HB2	14	0.33
(32,1204)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	14	0.33
(32,1204)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	14	0.33
(32,1204)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	14	0.33
(32,1054)	1:38:A:GLU:HA	1:139:A:LEU:HD11	1	0.33
(32,1054)	1:38:A:GLU:HA	1:139:A:LEU:HD12	1	0.33
(32,1054)	1:38:A:GLU:HA	1:139:A:LEU:HD13	1	0.33
(32,958)	1:104:A:PHE:H	1:105:A:LYS:HD2	7	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,958)	1:104:A:PHE:H	1:105:A:LYS:HD3	7	0.33
(32,894)	1:125:A:THR:HB	1:128:A:LEU:HB2	7	0.33
(32,892)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	9	0.33
(32,892)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	9	0.33
(32,892)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	9	0.33
(32,814)	1:114:A:ILE:HA	1:114:A:ILE:HD11	15	0.33
(32,814)	1:114:A:ILE:HA	1:114:A:ILE:HD12	15	0.33
(32,814)	1:114:A:ILE:HA	1:114:A:ILE:HD13	15	0.33
(32,711)	1:50:A:ALA:H	1:130:A:GLY:HA3	2	0.33
(32,377)	1:106:A:ASP:H	1:112:A:GLN:HE21	4	0.33
(32,344)	1:104:A:PHE:H	1:104:A:PHE:HD1	2	0.33
(32,344)	1:104:A:PHE:H	1:104:A:PHE:HD2	2	0.33
(32,46)	1:47:A:ALA:H	1:48:A:ARG:HB2	15	0.33
(32,46)	1:47:A:ALA:H	1:48:A:ARG:HB3	15	0.33
(32,26)	1:35:A:LEU:H	1:35:A:LEU:HG	10	0.33
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD11	11	0.33
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD12	11	0.33
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD13	11	0.33
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD21	11	0.33
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD22	11	0.33
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD23	11	0.33
(30,2370)	1:115:A:ALA:H	1:116:A:GLN:HE21	7	0.33
(30,2370)	1:115:A:ALA:H	1:116:A:GLN:HE22	7	0.33
(30,2277)	1:75:A:GLY:HA2	1:77:A:CYS:HB2	9	0.33
(30,2277)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	9	0.33
(30,2233)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	17	0.33
(30,2233)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	17	0.33
(30,2233)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	17	0.33
(30,2233)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	17	0.33
(30,2176)	1:46:A:ASN:HB2	1:134:A:VAL:H	19	0.33
(30,2176)	1:46:A:ASN:HB3	1:134:A:VAL:H	19	0.33
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD11	5	0.33
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD12	5	0.33
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD13	5	0.33
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD21	5	0.33
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD22	5	0.33
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD23	5	0.33
(30,2098)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	5	0.33
(30,2098)	1:37:A:LEU:HD11	1:41:A:LYS:HG3	5	0.33
(30,2098)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	5	0.33
(30,2098)	1:37:A:LEU:HD12	1:41:A:LYS:HG3	5	0.33
(30,2098)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	5	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2098)	1:37:A:LEU:HD13	1:41:A:LYS:HG3	5	0.33
(30,2098)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	10	0.33
(30,2098)	1:37:A:LEU:HD11	1:41:A:LYS:HG3	10	0.33
(30,2098)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	10	0.33
(30,2098)	1:37:A:LEU:HD12	1:41:A:LYS:HG3	10	0.33
(30,2098)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	10	0.33
(30,2098)	1:37:A:LEU:HD13	1:41:A:LYS:HG3	10	0.33
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD11	12	0.33
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD12	12	0.33
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD13	12	0.33
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD21	12	0.33
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD22	12	0.33
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD23	12	0.33
(30,2041)	1:27:A:ARG:HB2	1:27:A:ARG:HE	18	0.33
(30,2041)	1:27:A:ARG:HB3	1:27:A:ARG:HE	18	0.33
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE1	3	0.33
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE2	3	0.33
(30,2012)	1:16:A:SER:HB2	1:43:A:MET:HE3	3	0.33
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE1	3	0.33
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE2	3	0.33
(30,2012)	1:16:A:SER:HB3	1:43:A:MET:HE3	3	0.33
(30,1974)	1:12:A:VAL:HG11	1:43:A:MET:HB2	10	0.33
(30,1974)	1:12:A:VAL:HG12	1:43:A:MET:HB2	10	0.33
(30,1974)	1:12:A:VAL:HG13	1:43:A:MET:HB2	10	0.33
(30,1974)	1:12:A:VAL:HG21	1:43:A:MET:HB2	10	0.33
(30,1974)	1:12:A:VAL:HG22	1:43:A:MET:HB2	10	0.33
(30,1974)	1:12:A:VAL:HG23	1:43:A:MET:HB2	10	0.33
(30,1972)	1:12:A:VAL:HG11	1:16:A:SER:HB2	12	0.33
(30,1972)	1:12:A:VAL:HG11	1:16:A:SER:HB3	12	0.33
(30,1972)	1:12:A:VAL:HG12	1:16:A:SER:HB2	12	0.33
(30,1972)	1:12:A:VAL:HG12	1:16:A:SER:HB3	12	0.33
(30,1972)	1:12:A:VAL:HG13	1:16:A:SER:HB2	12	0.33
(30,1972)	1:12:A:VAL:HG13	1:16:A:SER:HB3	12	0.33
(30,1972)	1:12:A:VAL:HG21	1:16:A:SER:HB2	12	0.33
(30,1972)	1:12:A:VAL:HG21	1:16:A:SER:HB3	12	0.33
(30,1972)	1:12:A:VAL:HG22	1:16:A:SER:HB2	12	0.33
(30,1972)	1:12:A:VAL:HG22	1:16:A:SER:HB3	12	0.33
(30,1972)	1:12:A:VAL:HG23	1:16:A:SER:HB2	12	0.33
(30,1972)	1:12:A:VAL:HG23	1:16:A:SER:HB3	12	0.33
(30,1946)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	6	0.33
(30,1946)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	6	0.33
(30,1946)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	6	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1946)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	6	0.33
(30,1946)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	6	0.33
(30,1946)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	6	0.33
(30,1855)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	13	0.33
(30,1855)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	13	0.33
(30,1823)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	16	0.33
(30,1823)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	16	0.33
(30,1823)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	16	0.33
(30,1596)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	7	0.33
(30,1596)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	7	0.33
(30,1596)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	7	0.33
(30,1596)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	7	0.33
(30,1596)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	7	0.33
(30,1596)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	7	0.33
(30,1596)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	7	0.33
(30,1596)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	7	0.33
(30,1596)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	7	0.33
(30,1581)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	13	0.33
(30,1581)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	13	0.33
(30,1581)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	13	0.33
(30,1581)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	13	0.33
(30,1581)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	13	0.33
(30,1581)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	13	0.33
(30,1570)	1:11:A:ILE:HD11	1:12:A:VAL:H	15	0.33
(30,1570)	1:11:A:ILE:HD12	1:12:A:VAL:H	15	0.33
(30,1570)	1:11:A:ILE:HD13	1:12:A:VAL:H	15	0.33
(30,1490)	1:114:A:ILE:HG21	1:117:A:VAL:H	15	0.33
(30,1490)	1:114:A:ILE:HG22	1:117:A:VAL:H	15	0.33
(30,1490)	1:114:A:ILE:HG23	1:117:A:VAL:H	15	0.33
(30,1479)	1:101:A:ILE:HG21	1:102:A:PRO:HA	3	0.33
(30,1479)	1:101:A:ILE:HG22	1:102:A:PRO:HA	3	0.33
(30,1479)	1:101:A:ILE:HG23	1:102:A:PRO:HA	3	0.33
(30,1470)	1:42:A:GLU:HA	1:45:A:ALA:HB1	9	0.33
(30,1470)	1:42:A:GLU:HA	1:45:A:ALA:HB2	9	0.33
(30,1470)	1:42:A:GLU:HA	1:45:A:ALA:HB3	9	0.33
(30,1333)	1:103:A:ARG:HG2	1:106:A:ASP:HA	1	0.33
(30,1333)	1:103:A:ARG:HG3	1:106:A:ASP:HA	1	0.33
(30,1232)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	14	0.33
(30,1232)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	14	0.33
(30,1232)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	14	0.33
(30,1166)	1:140:A:LEU:HD21	1:144:A:LEU:H	8	0.33
(30,1166)	1:140:A:LEU:HD22	1:144:A:LEU:H	8	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1166)	1:140:A:LEU:HD23	1:144:A:LEU:H	8	0.33
(30,1166)	1:140:A:LEU:HD21	1:144:A:LEU:H	10	0.33
(30,1166)	1:140:A:LEU:HD22	1:144:A:LEU:H	10	0.33
(30,1166)	1:140:A:LEU:HD23	1:144:A:LEU:H	10	0.33
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD11	18	0.33
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD12	18	0.33
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD13	18	0.33
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB1	8	0.33
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB2	8	0.33
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB3	8	0.33
(30,1020)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	8	0.33
(30,931)	1:63:A:ILE:HG12	1:117:A:VAL:HA	14	0.33
(30,923)	1:81:A:GLU:HA	1:81:A:GLU:HG2	17	0.33
(30,923)	1:81:A:GLU:HA	1:81:A:GLU:HG3	17	0.33
(30,923)	1:81:A:GLU:HA	1:81:A:GLU:HG2	18	0.33
(30,923)	1:81:A:GLU:HA	1:81:A:GLU:HG3	18	0.33
(30,829)	1:114:A:ILE:HA	1:114:A:ILE:HD11	15	0.33
(30,829)	1:114:A:ILE:HA	1:114:A:ILE:HD12	15	0.33
(30,829)	1:114:A:ILE:HA	1:114:A:ILE:HD13	15	0.33
(30,783)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	12	0.33
(30,783)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	12	0.33
(30,783)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	12	0.33
(30,783)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	12	0.33
(30,783)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	12	0.33
(30,783)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	12	0.33
(30,783)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	15	0.33
(30,783)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	15	0.33
(30,783)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	15	0.33
(30,783)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	15	0.33
(30,783)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	15	0.33
(30,783)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	15	0.33
(30,723)	1:50:A:ALA:H	1:130:A:GLY:HA3	2	0.33
(30,667)	1:63:A:ILE:HG12	1:117:A:VAL:H	14	0.33
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD21	17	0.33
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD22	17	0.33
(30,626)	1:57:A:LEU:H	1:60:A:LEU:HD23	17	0.33
(30,389)	1:106:A:ASP:H	1:112:A:GLN:HE21	10	0.33
(30,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	2	0.33
(30,44)	1:44:A:GLU:HG3	1:47:A:ALA:H	12	0.33
(29,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	16	0.33
(29,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	16	0.33
(29,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	16	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	16	0.33
(29,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	16	0.33
(29,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	16	0.33
(29,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	16	0.33
(29,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	16	0.33
(29,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	16	0.33
(29,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	16	0.33
(29,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	16	0.33
(29,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	16	0.33
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG11	13	0.33
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG12	13	0.33
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG13	13	0.33
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG21	13	0.33
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG22	13	0.33
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG23	13	0.33
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD11	12	0.33
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD12	12	0.33
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD13	12	0.33
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD21	12	0.33
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD22	12	0.33
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD23	12	0.33
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD11	4	0.33
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD12	4	0.33
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD13	4	0.33
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD21	4	0.33
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD22	4	0.33
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD23	4	0.33
(29,2078)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	3	0.33
(29,2078)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	3	0.33
(29,2078)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	3	0.33
(29,2078)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	3	0.33
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	8	0.33
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	8	0.33
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	8	0.33
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	8	0.33
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	8	0.33
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	8	0.33
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	8	0.33
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	8	0.33
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	8	0.33
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	8	0.33
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	8	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	8	0.33
(29,1966)	1:10:A:ASN:HD21	1:13:A:ALA:HB1	16	0.33
(29,1966)	1:10:A:ASN:HD21	1:13:A:ALA:HB2	16	0.33
(29,1966)	1:10:A:ASN:HD21	1:13:A:ALA:HB3	16	0.33
(29,1966)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	16	0.33
(29,1966)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	16	0.33
(29,1966)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	16	0.33
(29,1931)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	16	0.33
(29,1790)	1:65:A:CYS:HB2	1:69:A:MET:HE1	8	0.33
(29,1790)	1:65:A:CYS:HB2	1:69:A:MET:HE2	8	0.33
(29,1790)	1:65:A:CYS:HB2	1:69:A:MET:HE3	8	0.33
(29,1748)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	2	0.33
(29,1748)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	2	0.33
(29,1748)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	2	0.33
(29,1581)	1:11:A:ILE:HD11	1:12:A:VAL:H	15	0.33
(29,1581)	1:11:A:ILE:HD12	1:12:A:VAL:H	15	0.33
(29,1581)	1:11:A:ILE:HD13	1:12:A:VAL:H	15	0.33
(29,1489)	1:101:A:ILE:HG21	1:115:A:ALA:HA	8	0.33
(29,1489)	1:101:A:ILE:HG22	1:115:A:ALA:HA	8	0.33
(29,1489)	1:101:A:ILE:HG23	1:115:A:ALA:HA	8	0.33
(29,1475)	1:42:A:GLU:HA	1:45:A:ALA:HB1	9	0.33
(29,1475)	1:42:A:GLU:HA	1:45:A:ALA:HB2	9	0.33
(29,1475)	1:42:A:GLU:HA	1:45:A:ALA:HB3	9	0.33
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG21	17	0.33
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG22	17	0.33
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG23	17	0.33
(29,1250)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	14	0.33
(29,1250)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	14	0.33
(29,1250)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	14	0.33
(29,1248)	1:43:A:MET:HG2	1:140:A:LEU:HD11	19	0.33
(29,1248)	1:43:A:MET:HG2	1:140:A:LEU:HD12	19	0.33
(29,1248)	1:43:A:MET:HG2	1:140:A:LEU:HD13	19	0.33
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD21	7	0.33
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD22	7	0.33
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD23	7	0.33
(29,1041)	1:11:A:ILE:HG12	1:44:A:GLU:HB2	11	0.33
(29,1041)	1:11:A:ILE:HG12	1:44:A:GLU:HB3	11	0.33
(29,946)	1:63:A:ILE:HG12	1:117:A:VAL:HA	14	0.33
(29,845)	1:114:A:ILE:HA	1:114:A:ILE:HD11	15	0.33
(29,845)	1:114:A:ILE:HA	1:114:A:ILE:HD12	15	0.33
(29,845)	1:114:A:ILE:HA	1:114:A:ILE:HD13	15	0.33
(29,824)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	13	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,824)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	13	0.33
(29,824)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	13	0.33
(29,816)	1:55:A:GLY:H	1:58:A:ILE:HD11	13	0.33
(29,816)	1:55:A:GLY:H	1:58:A:ILE:HD12	13	0.33
(29,816)	1:55:A:GLY:H	1:58:A:ILE:HD13	13	0.33
(29,795)	1:101:A:ILE:HD11	1:119:A:LEU:HG	1	0.33
(29,795)	1:101:A:ILE:HD12	1:119:A:LEU:HG	1	0.33
(29,795)	1:101:A:ILE:HD13	1:119:A:LEU:HG	1	0.33
(29,775)	1:53:A:THR:H	1:124:A:THR:HG21	7	0.33
(29,775)	1:53:A:THR:H	1:124:A:THR:HG22	7	0.33
(29,775)	1:53:A:THR:H	1:124:A:THR:HG23	7	0.33
(29,766)	1:38:A:GLU:H	1:41:A:LYS:HG2	4	0.33
(29,409)	1:119:A:LEU:H	1:119:A:LEU:HG	8	0.33
(29,389)	1:106:A:ASP:H	1:112:A:GLN:HE21	4	0.33
(29,351)	1:104:A:PHE:H	1:104:A:PHE:HD1	2	0.33
(29,351)	1:104:A:PHE:H	1:104:A:PHE:HD2	2	0.33
(29,322)	1:46:A:ASN:H	1:49:A:LYS:HB2	19	0.33
(29,322)	1:46:A:ASN:H	1:49:A:LYS:HB3	19	0.33
(29,296)	1:43:A:MET:H	1:43:A:MET:HG3	18	0.33
(29,183)	1:8:A:ASP:H	1:58:A:ILE:HD11	3	0.33
(29,183)	1:8:A:ASP:H	1:58:A:ILE:HD12	3	0.33
(29,183)	1:8:A:ASP:H	1:58:A:ILE:HD13	3	0.33
(29,43)	1:45:A:ALA:HA	1:47:A:ALA:H	1	0.33
(29,13)	1:64:A:LYS:H	1:116:A:GLN:HG2	19	0.33
(29,10)	1:64:A:LYS:H	1:116:A:GLN:HE21	15	0.33
(23,17)	1:118:A:ASP:N	1:114:A:ILE:O	6	0.33
(23,4)	1:45:A:ALA:N	1:41:A:LYS:O	9	0.33
(23,2)	1:39:A:VAL:N	1:36:A:PRO:O	8	0.33
(22,17)	1:73:A:ILE:H	1:69:A:MET:C	4	0.33
(22,17)	1:73:A:ILE:H	1:69:A:MET:C	13	0.33
(22,17)	1:73:A:ILE:H	1:69:A:MET:C	15	0.33
(22,16)	1:61:A:SER:N	1:57:A:LEU:C	2	0.33
(22,12)	1:59:A:CYS:N	1:55:A:GLY:C	7	0.33
(22,11)	1:59:A:CYS:H	1:55:A:GLY:C	5	0.33
(22,8)	1:45:A:ALA:N	1:41:A:LYS:C	19	0.33
(22,7)	1:45:A:ALA:H	1:41:A:LYS:C	5	0.33
(22,6)	1:44:A:GLU:N	1:40:A:LEU:C	15	0.33
(22,5)	1:44:A:GLU:H	1:40:A:LEU:C	19	0.33
(22,4)	1:39:A:VAL:N	1:36:A:PRO:C	1	0.33
(22,4)	1:39:A:VAL:N	1:36:A:PRO:C	18	0.33
(22,2)	1:17:A:ASN:N	1:13:A:ALA:C	5	0.33
(19,16)	1:52:A:CYS:SG	1:56:A:CYS:CB	11	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB1	15	0.33
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB2	15	0.33
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB3	15	0.33
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB1	15	0.33
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB2	15	0.33
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB3	15	0.33
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB1	15	0.33
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB2	15	0.33
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB3	15	0.33
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB1	15	0.33
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB2	15	0.33
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB3	15	0.33
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB1	15	0.33
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB2	15	0.33
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB3	15	0.33
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB1	15	0.33
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB2	15	0.33
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB3	15	0.33
(18,2322)	1:107:A:LEU:HD11	1:112:A:GLN:HA	12	0.33
(18,2322)	1:107:A:LEU:HD12	1:112:A:GLN:HA	12	0.33
(18,2322)	1:107:A:LEU:HD13	1:112:A:GLN:HA	12	0.33
(18,2322)	1:107:A:LEU:HD21	1:112:A:GLN:HA	12	0.33
(18,2322)	1:107:A:LEU:HD22	1:112:A:GLN:HA	12	0.33
(18,2322)	1:107:A:LEU:HD23	1:112:A:GLN:HA	12	0.33
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD11	16	0.33
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD12	16	0.33
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD13	16	0.33
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD21	16	0.33
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD22	16	0.33
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD23	16	0.33
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD11	16	0.33
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD12	16	0.33
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD13	16	0.33
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD21	16	0.33
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD22	16	0.33
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD23	16	0.33
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD11	16	0.33
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD12	16	0.33
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD13	16	0.33
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD21	16	0.33
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD22	16	0.33
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD23	16	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2281)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	16	0.33
(18,2281)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	16	0.33
(18,2281)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	16	0.33
(18,2281)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	16	0.33
(18,2281)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	16	0.33
(18,2281)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	16	0.33
(18,2281)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	16	0.33
(18,2281)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	16	0.33
(18,2281)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	16	0.33
(18,2281)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	16	0.33
(18,2281)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	16	0.33
(18,2281)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	16	0.33
(18,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB2	6	0.33
(18,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB3	6	0.33
(18,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB2	6	0.33
(18,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB3	6	0.33
(18,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB2	6	0.33
(18,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB3	6	0.33
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD11	5	0.33
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD12	5	0.33
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD13	5	0.33
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD21	5	0.33
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD22	5	0.33
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD23	5	0.33
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD11	11	0.33
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD12	11	0.33
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD13	11	0.33
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD21	11	0.33
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD22	11	0.33
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD23	11	0.33
(18,2129)	1:41:A:LYS:HA	1:44:A:GLU:HG2	9	0.33
(18,2129)	1:41:A:LYS:HA	1:44:A:GLU:HG3	9	0.33
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD11	8	0.33
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD12	8	0.33
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD13	8	0.33
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD21	8	0.33
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD22	8	0.33
(18,2061)	1:32:A:GLY:HA2	1:35:A:LEU:HD23	8	0.33
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD11	12	0.33
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD12	12	0.33
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD13	12	0.33
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD21	12	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD22	12	0.33
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD23	12	0.33
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	15	0.33
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	15	0.33
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	15	0.33
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	15	0.33
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	15	0.33
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	15	0.33
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	15	0.33
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	15	0.33
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	15	0.33
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	15	0.33
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	15	0.33
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	15	0.33
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD11	13	0.33
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD12	13	0.33
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD13	13	0.33
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD21	13	0.33
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD22	13	0.33
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD23	13	0.33
(18,1956)	1:11:A:ILE:HG12	1:57:A:LEU:HB2	18	0.33
(18,1956)	1:11:A:ILE:HG12	1:57:A:LEU:HB3	18	0.33
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	11	0.33
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	11	0.33
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	11	0.33
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	11	0.33
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	11	0.33
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	11	0.33
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	11	0.33
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	11	0.33
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	11	0.33
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	11	0.33
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	11	0.33
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	11	0.33
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	11	0.33
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	11	0.33
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	11	0.33
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	11	0.33
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	11	0.33
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	11	0.33
(18,1934)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	6	0.33
(18,1934)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	6	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1934)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	6	0.33
(18,1934)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	6	0.33
(18,1934)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	6	0.33
(18,1934)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	6	0.33
(18,1801)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	14	0.33
(18,1801)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	14	0.33
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	10	0.33
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	10	0.33
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	10	0.33
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	10	0.33
(18,1704)	1:13:A:ALA:HA	1:79:A:THR:HG21	13	0.33
(18,1704)	1:13:A:ALA:HA	1:79:A:THR:HG22	13	0.33
(18,1704)	1:13:A:ALA:HA	1:79:A:THR:HG23	13	0.33
(18,1688)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	12	0.33
(18,1688)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	12	0.33
(18,1659)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	17	0.33
(18,1659)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	17	0.33
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	2	0.33
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	2	0.33
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	2	0.33
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	2	0.33
(18,1567)	1:97:A:ASP:H	1:98:A:ILE:HD11	16	0.33
(18,1567)	1:97:A:ASP:H	1:98:A:ILE:HD12	16	0.33
(18,1567)	1:97:A:ASP:H	1:98:A:ILE:HD13	16	0.33
(18,1552)	1:11:A:ILE:HD11	1:12:A:VAL:H	15	0.33
(18,1552)	1:11:A:ILE:HD12	1:12:A:VAL:H	15	0.33
(18,1552)	1:11:A:ILE:HD13	1:12:A:VAL:H	15	0.33
(18,1531)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	5	0.33
(18,1531)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	5	0.33
(18,1531)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	5	0.33
(18,1531)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	5	0.33
(18,1531)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	5	0.33
(18,1531)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	5	0.33
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG21	10	0.33
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG22	10	0.33
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG23	10	0.33
(18,1462)	1:42:A:GLU:HA	1:45:A:ALA:HB1	9	0.33
(18,1462)	1:42:A:GLU:HA	1:45:A:ALA:HB2	9	0.33
(18,1462)	1:42:A:GLU:HA	1:45:A:ALA:HB3	9	0.33
(18,1452)	1:13:A:ALA:HB1	1:79:A:THR:HB	1	0.33
(18,1452)	1:13:A:ALA:HB2	1:79:A:THR:HB	1	0.33
(18,1452)	1:13:A:ALA:HB3	1:79:A:THR:HB	1	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG21	17	0.33
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG22	17	0.33
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG23	17	0.33
(18,1333)	1:103:A:ARG:HG2	1:106:A:ASP:HA	1	0.33
(18,1333)	1:103:A:ARG:HG3	1:106:A:ASP:HA	1	0.33
(18,1269)	1:15:A:ALA:HA	1:131:A:LEU:HB2	14	0.33
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB1	8	0.33
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB2	8	0.33
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB3	8	0.33
(18,1097)	1:38:A:GLU:HA	1:139:A:LEU:HD11	1	0.33
(18,1097)	1:38:A:GLU:HA	1:139:A:LEU:HD12	1	0.33
(18,1097)	1:38:A:GLU:HA	1:139:A:LEU:HD13	1	0.33
(18,1033)	1:27:A:ARG:HB3	1:30:A:LEU:HD11	10	0.33
(18,1033)	1:27:A:ARG:HB3	1:30:A:LEU:HD12	10	0.33
(18,1033)	1:27:A:ARG:HB3	1:30:A:LEU:HD13	10	0.33
(18,1033)	1:27:A:ARG:HB3	1:30:A:LEU:HD21	10	0.33
(18,1033)	1:27:A:ARG:HB3	1:30:A:LEU:HD22	10	0.33
(18,1033)	1:27:A:ARG:HB3	1:30:A:LEU:HD23	10	0.33
(18,947)	1:63:A:ILE:HG12	1:117:A:VAL:HA	14	0.33
(18,884)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	14	0.33
(18,884)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	14	0.33
(18,884)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	14	0.33
(18,877)	1:56:A:CYS:H	1:122:A:ASP:HB3	3	0.33
(18,869)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	14	0.33
(18,841)	1:114:A:ILE:HA	1:114:A:ILE:HD11	15	0.33
(18,841)	1:114:A:ILE:HA	1:114:A:ILE:HD12	15	0.33
(18,841)	1:114:A:ILE:HA	1:114:A:ILE:HD13	15	0.33
(18,820)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	13	0.33
(18,820)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	13	0.33
(18,820)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	13	0.33
(18,811)	1:54:A:ARG:HE	1:58:A:ILE:HD11	5	0.33
(18,811)	1:54:A:ARG:HE	1:58:A:ILE:HD12	5	0.33
(18,811)	1:54:A:ARG:HE	1:58:A:ILE:HD13	5	0.33
(18,500)	1:79:A:THR:H	1:79:A:THR:HG21	13	0.33
(18,500)	1:79:A:THR:H	1:79:A:THR:HG22	13	0.33
(18,500)	1:79:A:THR:H	1:79:A:THR:HG23	13	0.33
(18,322)	1:11:A:ILE:HD11	1:43:A:MET:H	10	0.33
(18,322)	1:11:A:ILE:HD12	1:43:A:MET:H	10	0.33
(18,322)	1:11:A:ILE:HD13	1:43:A:MET:H	10	0.33
(18,289)	1:73:A:ILE:HD11	1:112:A:GLN:H	14	0.33
(18,289)	1:73:A:ILE:HD12	1:112:A:GLN:H	14	0.33
(18,289)	1:73:A:ILE:HD13	1:112:A:GLN:H	14	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,254)	1:58:A:ILE:H	1:58:A:ILE:HD11	13	0.33
(18,254)	1:58:A:ILE:H	1:58:A:ILE:HD12	13	0.33
(18,254)	1:58:A:ILE:H	1:58:A:ILE:HD13	13	0.33
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD11	6	0.33
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD12	6	0.33
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD13	6	0.33
(18,75)	1:63:A:ILE:HG21	1:117:A:VAL:H	8	0.33
(18,75)	1:63:A:ILE:HG22	1:117:A:VAL:H	8	0.33
(18,75)	1:63:A:ILE:HG23	1:117:A:VAL:H	8	0.33
(18,60)	1:11:A:ILE:HD11	1:47:A:ALA:H	6	0.33
(18,60)	1:11:A:ILE:HD12	1:47:A:ALA:H	6	0.33
(18,60)	1:11:A:ILE:HD13	1:47:A:ALA:H	6	0.33
(18,45)	1:98:A:ILE:H	1:105:A:LYS:HA	16	0.33
(18,30)	1:35:A:LEU:H	1:35:A:LEU:HG	10	0.33
(17,2324)	1:105:A:LYS:H	1:105:A:LYS:HG2	13	0.33
(17,2324)	1:105:A:LYS:H	1:105:A:LYS:HG3	13	0.33
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	13	0.33
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	13	0.33
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	13	0.33
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	13	0.33
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	13	0.33
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	13	0.33
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	13	0.33
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	13	0.33
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	13	0.33
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	13	0.33
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	13	0.33
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	13	0.33
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	13	0.33
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	13	0.33
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	13	0.33
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	13	0.33
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	13	0.33
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	13	0.33
(17,1965)	1:10:A:ASN:HD21	1:13:A:ALA:HB1	16	0.33
(17,1965)	1:10:A:ASN:HD21	1:13:A:ALA:HB2	16	0.33
(17,1965)	1:10:A:ASN:HD21	1:13:A:ALA:HB3	16	0.33
(17,1965)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	16	0.33
(17,1965)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	16	0.33
(17,1965)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	16	0.33
(17,1919)	1:151:A:PHE:H	1:151:A:PHE:HD1	16	0.33
(17,1919)	1:151:A:PHE:H	1:151:A:PHE:HD2	16	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1858)	1:59:A:CYS:HA	1:62:A:HIS:HD2	15	0.33
(17,1837)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	16	0.33
(17,1837)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	16	0.33
(17,1837)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	16	0.33
(17,1785)	1:65:A:CYS:HB2	1:69:A:MET:HE1	8	0.33
(17,1785)	1:65:A:CYS:HB2	1:69:A:MET:HE2	8	0.33
(17,1785)	1:65:A:CYS:HB2	1:69:A:MET:HE3	8	0.33
(17,1689)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	17	0.33
(17,1689)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	17	0.33
(17,1657)	1:18:A:PHE:HZ	1:60:A:LEU:HA	4	0.33
(17,1632)	1:23:A:LEU:HB2	1:24:A:ASP:HA	9	0.33
(17,1632)	1:23:A:LEU:HB3	1:24:A:ASP:HA	9	0.33
(17,1599)	1:97:A:ASP:H	1:98:A:ILE:HD11	16	0.33
(17,1599)	1:97:A:ASP:H	1:98:A:ILE:HD12	16	0.33
(17,1599)	1:97:A:ASP:H	1:98:A:ILE:HD13	16	0.33
(17,1574)	1:138:A:ASP:HB2	1:139:A:LEU:HD11	16	0.33
(17,1574)	1:138:A:ASP:HB2	1:139:A:LEU:HD12	16	0.33
(17,1574)	1:138:A:ASP:HB2	1:139:A:LEU:HD13	16	0.33
(17,1574)	1:138:A:ASP:HB3	1:139:A:LEU:HD11	16	0.33
(17,1574)	1:138:A:ASP:HB3	1:139:A:LEU:HD12	16	0.33
(17,1574)	1:138:A:ASP:HB3	1:139:A:LEU:HD13	16	0.33
(17,1503)	1:101:A:ILE:HG21	1:102:A:PRO:HA	3	0.33
(17,1503)	1:101:A:ILE:HG22	1:102:A:PRO:HA	3	0.33
(17,1503)	1:101:A:ILE:HG23	1:102:A:PRO:HA	3	0.33
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	11	0.33
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	11	0.33
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	11	0.33
(17,1489)	1:42:A:GLU:HA	1:45:A:ALA:HB1	9	0.33
(17,1489)	1:42:A:GLU:HA	1:45:A:ALA:HB2	9	0.33
(17,1489)	1:42:A:GLU:HA	1:45:A:ALA:HB3	9	0.33
(17,1382)	1:46:A:ASN:HB3	1:134:A:VAL:HG21	3	0.33
(17,1382)	1:46:A:ASN:HB3	1:134:A:VAL:HG22	3	0.33
(17,1382)	1:46:A:ASN:HB3	1:134:A:VAL:HG23	3	0.33
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	6	0.33
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	6	0.33
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	6	0.33
(17,1092)	1:45:A:ALA:HA	1:48:A:ARG:HG2	14	0.33
(17,1092)	1:45:A:ALA:HA	1:48:A:ARG:HG3	14	0.33
(17,1092)	1:45:A:ALA:HA	1:48:A:ARG:HG2	19	0.33
(17,1092)	1:45:A:ALA:HA	1:48:A:ARG:HG3	19	0.33
(17,1045)	1:11:A:ILE:HB	1:44:A:GLU:HB2	1	0.33
(17,1045)	1:11:A:ILE:HB	1:44:A:GLU:HB3	1	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1032)	1:8:A:ASP:H	1:58:A:ILE:HG13	5	0.33
(17,942)	1:63:A:ILE:HG12	1:117:A:VAL:HA	14	0.33
(17,931)	1:125:A:THR:HB	1:128:A:LEU:HG	8	0.33
(17,840)	1:114:A:ILE:HA	1:114:A:ILE:HD11	15	0.33
(17,840)	1:114:A:ILE:HA	1:114:A:ILE:HD12	15	0.33
(17,840)	1:114:A:ILE:HA	1:114:A:ILE:HD13	15	0.33
(17,817)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	13	0.33
(17,817)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	13	0.33
(17,817)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	13	0.33
(17,758)	1:38:A:GLU:H	1:41:A:LYS:HG2	4	0.33
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	17	0.33
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	17	0.33
(17,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	17	0.33
(17,481)	1:79:A:THR:H	1:79:A:THR:HG21	13	0.33
(17,481)	1:79:A:THR:H	1:79:A:THR:HG22	13	0.33
(17,481)	1:79:A:THR:H	1:79:A:THR:HG23	13	0.33
(17,401)	1:119:A:LEU:H	1:119:A:LEU:HG	8	0.33
(17,380)	1:106:A:ASP:H	1:112:A:GLN:HE21	10	0.33
(17,321)	1:46:A:ASN:H	1:49:A:LYS:HB2	19	0.33
(17,321)	1:46:A:ASN:H	1:49:A:LYS:HB3	19	0.33
(17,262)	1:39:A:VAL:H	1:139:A:LEU:HB2	3	0.33
(17,262)	1:39:A:VAL:H	1:139:A:LEU:HB3	3	0.33
(17,176)	1:8:A:ASP:H	1:58:A:ILE:HD11	3	0.33
(17,176)	1:8:A:ASP:H	1:58:A:ILE:HD12	3	0.33
(17,176)	1:8:A:ASP:H	1:58:A:ILE:HD13	3	0.33
(17,55)	1:11:A:ILE:HD11	1:47:A:ALA:H	6	0.33
(17,55)	1:11:A:ILE:HD12	1:47:A:ALA:H	6	0.33
(17,55)	1:11:A:ILE:HD13	1:47:A:ALA:H	6	0.33
(17,42)	1:98:A:ILE:H	1:105:A:LYS:HA	16	0.33
(17,16)	1:64:A:LYS:H	1:64:A:LYS:HD2	11	0.33
(17,16)	1:64:A:LYS:H	1:64:A:LYS:HD3	11	0.33
(17,12)	1:64:A:LYS:H	1:116:A:GLN:HG2	19	0.33
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD11	14	0.33
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD12	14	0.33
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD13	14	0.33
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD21	14	0.33
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD22	14	0.33
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD23	14	0.33
(16,2095)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	6	0.33
(16,2095)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	6	0.33
(16,2095)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	6	0.33
(16,2095)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	6	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2095)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	6	0.33
(16,2095)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	6	0.33
(16,2038)	1:23:A:LEU:HD11	1:27:A:ARG:HB2	16	0.33
(16,2038)	1:23:A:LEU:HD11	1:27:A:ARG:HB3	16	0.33
(16,2038)	1:23:A:LEU:HD12	1:27:A:ARG:HB2	16	0.33
(16,2038)	1:23:A:LEU:HD12	1:27:A:ARG:HB3	16	0.33
(16,2038)	1:23:A:LEU:HD13	1:27:A:ARG:HB2	16	0.33
(16,2038)	1:23:A:LEU:HD13	1:27:A:ARG:HB3	16	0.33
(16,2038)	1:23:A:LEU:HD21	1:27:A:ARG:HB2	16	0.33
(16,2038)	1:23:A:LEU:HD21	1:27:A:ARG:HB3	16	0.33
(16,2038)	1:23:A:LEU:HD22	1:27:A:ARG:HB2	16	0.33
(16,2038)	1:23:A:LEU:HD22	1:27:A:ARG:HB3	16	0.33
(16,2038)	1:23:A:LEU:HD23	1:27:A:ARG:HB2	16	0.33
(16,2038)	1:23:A:LEU:HD23	1:27:A:ARG:HB3	16	0.33
(16,1983)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	6	0.33
(16,1983)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	6	0.33
(16,1983)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	6	0.33
(16,1983)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	6	0.33
(16,1983)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	6	0.33
(16,1983)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	6	0.33
(16,1983)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	6	0.33
(16,1983)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	6	0.33
(16,1983)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	6	0.33
(16,1983)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	6	0.33
(16,1983)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	6	0.33
(16,1983)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	6	0.33
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	13	0.33
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	13	0.33
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	13	0.33
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	13	0.33
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	13	0.33
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	13	0.33
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	13	0.33
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	13	0.33
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	13	0.33
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	13	0.33
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	13	0.33
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	13	0.33
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	13	0.33
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	13	0.33
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	13	0.33
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	13	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	13	0.33
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	13	0.33
(16,1935)	1:10:A:ASN:HD21	1:13:A:ALA:HB1	16	0.33
(16,1935)	1:10:A:ASN:HD21	1:13:A:ALA:HB2	16	0.33
(16,1935)	1:10:A:ASN:HD21	1:13:A:ALA:HB3	16	0.33
(16,1935)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	16	0.33
(16,1935)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	16	0.33
(16,1935)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	16	0.33
(16,1891)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	8	0.33
(16,1891)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	8	0.33
(16,1891)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	8	0.33
(16,1891)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	8	0.33
(16,1891)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	8	0.33
(16,1891)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	8	0.33
(16,1841)	1:9:A:PHE:HD1	1:57:A:LEU:HG	8	0.33
(16,1841)	1:9:A:PHE:HD2	1:57:A:LEU:HG	8	0.33
(16,1808)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	19	0.33
(16,1808)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	19	0.33
(16,1722)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	2	0.33
(16,1722)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	2	0.33
(16,1722)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	2	0.33
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG21	13	0.33
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG22	13	0.33
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG23	13	0.33
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG21	13	0.33
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG22	13	0.33
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG23	13	0.33
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG21	13	0.33
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG22	13	0.33
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG23	13	0.33
(16,1712)	1:13:A:ALA:HA	1:79:A:THR:HG21	13	0.33
(16,1712)	1:13:A:ALA:HA	1:79:A:THR:HG22	13	0.33
(16,1712)	1:13:A:ALA:HA	1:79:A:THR:HG23	13	0.33
(16,1650)	1:69:A:MET:HA	1:69:A:MET:HE1	1	0.33
(16,1650)	1:69:A:MET:HA	1:69:A:MET:HE2	1	0.33
(16,1650)	1:69:A:MET:HA	1:69:A:MET:HE3	1	0.33
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG21	4	0.33
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG22	4	0.33
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG23	4	0.33
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG21	14	0.33
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG22	14	0.33
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG23	14	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1564)	1:63:A:ILE:HD11	1:113:A:PHE:HA	10	0.33
(16,1564)	1:63:A:ILE:HD12	1:113:A:PHE:HA	10	0.33
(16,1564)	1:63:A:ILE:HD13	1:113:A:PHE:HA	10	0.33
(16,1530)	1:69:A:MET:HE1	1:76:A:ARG:HB3	4	0.33
(16,1530)	1:69:A:MET:HE2	1:76:A:ARG:HB3	4	0.33
(16,1530)	1:69:A:MET:HE3	1:76:A:ARG:HB3	4	0.33
(16,1480)	1:101:A:ILE:HG21	1:102:A:PRO:HA	3	0.33
(16,1480)	1:101:A:ILE:HG22	1:102:A:PRO:HA	3	0.33
(16,1480)	1:101:A:ILE:HG23	1:102:A:PRO:HA	3	0.33
(16,1469)	1:42:A:GLU:HA	1:45:A:ALA:HB1	9	0.33
(16,1469)	1:42:A:GLU:HA	1:45:A:ALA:HB2	9	0.33
(16,1469)	1:42:A:GLU:HA	1:45:A:ALA:HB3	9	0.33
(16,1433)	1:50:A:ALA:HB1	1:127:A:CYS:HA	5	0.33
(16,1433)	1:50:A:ALA:HB2	1:127:A:CYS:HA	5	0.33
(16,1433)	1:50:A:ALA:HB3	1:127:A:CYS:HA	5	0.33
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG11	1	0.33
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG12	1	0.33
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG13	1	0.33
(16,1344)	1:103:A:ARG:HG2	1:106:A:ASP:HA	1	0.33
(16,1344)	1:103:A:ARG:HG3	1:106:A:ASP:HA	1	0.33
(16,1242)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	14	0.33
(16,1242)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	14	0.33
(16,1242)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	14	0.33
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD11	16	0.33
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD12	16	0.33
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD13	16	0.33
(16,1136)	1:40:A:LEU:HA	1:43:A:MET:HG3	1	0.33
(16,1041)	1:11:A:ILE:HG12	1:44:A:GLU:HB2	11	0.33
(16,1041)	1:11:A:ILE:HG12	1:44:A:GLU:HB3	11	0.33
(16,929)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	9	0.33
(16,929)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	9	0.33
(16,929)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	9	0.33
(16,912)	1:54:A:ARG:HA	1:58:A:ILE:HB	2	0.33
(16,886)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	14	0.33
(16,886)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	14	0.33
(16,886)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	14	0.33
(16,840)	1:114:A:ILE:HA	1:114:A:ILE:HD11	15	0.33
(16,840)	1:114:A:ILE:HA	1:114:A:ILE:HD12	15	0.33
(16,840)	1:114:A:ILE:HA	1:114:A:ILE:HD13	15	0.33
(16,834)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	2	0.33
(16,834)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	2	0.33
(16,834)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	2	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,834)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	2	0.33
(16,834)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	2	0.33
(16,834)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	2	0.33
(16,664)	1:101:A:ILE:HB	1:103:A:ARG:H	4	0.33
(16,489)	1:79:A:THR:H	1:79:A:THR:HG21	13	0.33
(16,489)	1:79:A:THR:H	1:79:A:THR:HG22	13	0.33
(16,489)	1:79:A:THR:H	1:79:A:THR:HG23	13	0.33
(16,391)	1:106:A:ASP:H	1:112:A:GLN:HE21	4	0.33
(16,303)	1:43:A:MET:H	1:43:A:MET:HG2	10	0.33
(16,193)	1:58:A:ILE:HG21	1:60:A:LEU:H	7	0.33
(16,193)	1:58:A:ILE:HG22	1:60:A:LEU:H	7	0.33
(16,193)	1:58:A:ILE:HG23	1:60:A:LEU:H	7	0.33
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG21	7	0.33
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG22	7	0.33
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG23	7	0.33
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG21	12	0.33
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG22	12	0.33
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG23	12	0.33
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG21	15	0.33
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG22	15	0.33
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG23	15	0.33
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG21	16	0.33
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG22	16	0.33
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG23	16	0.33
(16,88)	1:151:A:PHE:H	1:151:A:PHE:HB3	11	0.33
(15,2340)	1:110:A:MET:HG2	1:114:A:ILE:HG12	10	0.33
(15,2340)	1:110:A:MET:HG2	1:114:A:ILE:HG13	10	0.33
(15,2340)	1:110:A:MET:HG3	1:114:A:ILE:HG12	10	0.33
(15,2340)	1:110:A:MET:HG3	1:114:A:ILE:HG13	10	0.33
(15,2210)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	17	0.33
(15,2210)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	17	0.33
(15,2210)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	17	0.33
(15,2210)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	17	0.33
(15,2019)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	2	0.33
(15,2019)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	2	0.33
(15,2019)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	2	0.33
(15,2019)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	2	0.33
(15,2019)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	2	0.33
(15,2019)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	2	0.33
(15,2019)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	2	0.33
(15,2019)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	2	0.33
(15,2019)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	2	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2019)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	2	0.33
(15,2019)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	2	0.33
(15,2019)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	2	0.33
(15,2019)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	14	0.33
(15,2019)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	14	0.33
(15,2019)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	14	0.33
(15,2019)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	14	0.33
(15,2019)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	14	0.33
(15,2019)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	14	0.33
(15,2019)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	14	0.33
(15,2019)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	14	0.33
(15,2019)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	14	0.33
(15,2019)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	14	0.33
(15,2019)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	14	0.33
(15,2019)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	14	0.33
(15,1961)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	1	0.33
(15,1961)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	1	0.33
(15,1961)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	1	0.33
(15,1961)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	1	0.33
(15,1961)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	1	0.33
(15,1961)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	1	0.33
(15,1961)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	1	0.33
(15,1961)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	1	0.33
(15,1961)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	1	0.33
(15,1961)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	1	0.33
(15,1961)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	1	0.33
(15,1961)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	1	0.33
(15,1939)	1:11:A:ILE:HG13	1:44:A:GLU:HG2	6	0.33
(15,1939)	1:11:A:ILE:HG13	1:44:A:GLU:HG3	6	0.33
(15,1839)	1:9:A:PHE:HD1	1:57:A:LEU:HG	8	0.33
(15,1839)	1:9:A:PHE:HD2	1:57:A:LEU:HG	8	0.33
(15,1799)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	3	0.33
(15,1799)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	3	0.33
(15,1780)	1:72:A:PHE:HD1	1:109:A:PRO:HB2	4	0.33
(15,1780)	1:72:A:PHE:HD1	1:109:A:PRO:HB3	4	0.33
(15,1780)	1:72:A:PHE:HD2	1:109:A:PRO:HB2	4	0.33
(15,1780)	1:72:A:PHE:HD2	1:109:A:PRO:HB3	4	0.33
(15,1780)	1:72:A:PHE:HD1	1:109:A:PRO:HB2	15	0.33
(15,1780)	1:72:A:PHE:HD1	1:109:A:PRO:HB3	15	0.33
(15,1780)	1:72:A:PHE:HD2	1:109:A:PRO:HB2	15	0.33
(15,1780)	1:72:A:PHE:HD2	1:109:A:PRO:HB3	15	0.33
(15,1757)	1:65:A:CYS:HB2	1:69:A:MET:HE1	8	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1757)	1:65:A:CYS:HB2	1:69:A:MET:HE2	8	0.33
(15,1757)	1:65:A:CYS:HB2	1:69:A:MET:HE3	8	0.33
(15,1634)	1:18:A:PHE:HZ	1:60:A:LEU:HA	4	0.33
(15,1570)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	13	0.33
(15,1570)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	13	0.33
(15,1570)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	13	0.33
(15,1570)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	13	0.33
(15,1570)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	13	0.33
(15,1570)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	13	0.33
(15,1561)	1:11:A:ILE:HD11	1:12:A:VAL:H	15	0.33
(15,1561)	1:11:A:ILE:HD12	1:12:A:VAL:H	15	0.33
(15,1561)	1:11:A:ILE:HD13	1:12:A:VAL:H	15	0.33
(15,1484)	1:114:A:ILE:HG21	1:117:A:VAL:H	15	0.33
(15,1484)	1:114:A:ILE:HG22	1:117:A:VAL:H	15	0.33
(15,1484)	1:114:A:ILE:HG23	1:117:A:VAL:H	15	0.33
(15,1473)	1:101:A:ILE:HG21	1:115:A:ALA:HA	8	0.33
(15,1473)	1:101:A:ILE:HG22	1:115:A:ALA:HA	8	0.33
(15,1473)	1:101:A:ILE:HG23	1:115:A:ALA:HA	8	0.33
(15,1463)	1:42:A:GLU:HA	1:45:A:ALA:HB1	9	0.33
(15,1463)	1:42:A:GLU:HA	1:45:A:ALA:HB2	9	0.33
(15,1463)	1:42:A:GLU:HA	1:45:A:ALA:HB3	9	0.33
(15,1388)	1:19:A:ALA:HB1	1:21:A:THR:HG21	11	0.33
(15,1388)	1:19:A:ALA:HB1	1:21:A:THR:HG22	11	0.33
(15,1388)	1:19:A:ALA:HB1	1:21:A:THR:HG23	11	0.33
(15,1388)	1:19:A:ALA:HB2	1:21:A:THR:HG21	11	0.33
(15,1388)	1:19:A:ALA:HB2	1:21:A:THR:HG22	11	0.33
(15,1388)	1:19:A:ALA:HB2	1:21:A:THR:HG23	11	0.33
(15,1388)	1:19:A:ALA:HB3	1:21:A:THR:HG21	11	0.33
(15,1388)	1:19:A:ALA:HB3	1:21:A:THR:HG22	11	0.33
(15,1388)	1:19:A:ALA:HB3	1:21:A:THR:HG23	11	0.33
(15,1236)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	14	0.33
(15,1236)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	14	0.33
(15,1236)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	14	0.33
(15,1186)	1:100:A:ALA:HB1	1:119:A:LEU:HD21	8	0.33
(15,1186)	1:100:A:ALA:HB1	1:119:A:LEU:HD22	8	0.33
(15,1186)	1:100:A:ALA:HB1	1:119:A:LEU:HD23	8	0.33
(15,1186)	1:100:A:ALA:HB2	1:119:A:LEU:HD21	8	0.33
(15,1186)	1:100:A:ALA:HB2	1:119:A:LEU:HD22	8	0.33
(15,1186)	1:100:A:ALA:HB2	1:119:A:LEU:HD23	8	0.33
(15,1186)	1:100:A:ALA:HB3	1:119:A:LEU:HD21	8	0.33
(15,1186)	1:100:A:ALA:HB3	1:119:A:LEU:HD22	8	0.33
(15,1186)	1:100:A:ALA:HB3	1:119:A:LEU:HD23	8	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1085)	1:38:A:GLU:HA	1:139:A:LEU:HD11	1	0.33
(15,1085)	1:38:A:GLU:HA	1:139:A:LEU:HD12	1	0.33
(15,1085)	1:38:A:GLU:HA	1:139:A:LEU:HD13	1	0.33
(15,1041)	1:11:A:ILE:HB	1:44:A:GLU:HB2	8	0.33
(15,1041)	1:11:A:ILE:HB	1:44:A:GLU:HB3	8	0.33
(15,1035)	1:63:A:ILE:HG12	1:116:A:GLN:HG3	15	0.33
(15,932)	1:63:A:ILE:HG12	1:117:A:VAL:HA	14	0.33
(15,830)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	2	0.33
(15,830)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	2	0.33
(15,830)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	2	0.33
(15,830)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	2	0.33
(15,830)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	2	0.33
(15,830)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	2	0.33
(15,820)	1:98:A:ILE:HD11	1:101:A:ILE:HB	7	0.33
(15,820)	1:98:A:ILE:HD12	1:101:A:ILE:HB	7	0.33
(15,820)	1:98:A:ILE:HD13	1:101:A:ILE:HB	7	0.33
(15,763)	1:37:A:LEU:H	1:40:A:LEU:HB2	15	0.33
(15,390)	1:106:A:ASP:H	1:112:A:GLN:HE21	4	0.33
(15,356)	1:104:A:PHE:H	1:104:A:PHE:HD1	2	0.33
(15,356)	1:104:A:PHE:H	1:104:A:PHE:HD2	2	0.33
(15,182)	1:8:A:ASP:H	1:58:A:ILE:HD11	3	0.33
(15,182)	1:8:A:ASP:H	1:58:A:ILE:HD12	3	0.33
(15,182)	1:8:A:ASP:H	1:58:A:ILE:HD13	3	0.33
(15,12)	1:64:A:LYS:H	1:116:A:GLN:HG3	3	0.33
(15,12)	1:64:A:LYS:H	1:116:A:GLN:HG3	7	0.33
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD11	11	0.33
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD12	11	0.33
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD13	11	0.33
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD21	11	0.33
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD22	11	0.33
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD23	11	0.33
(13,2225)	1:70:A:LYS:HG2	1:71:A:LYS:H	11	0.33
(13,2225)	1:70:A:LYS:HG3	1:71:A:LYS:H	11	0.33
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD11	12	0.33
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD12	12	0.33
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD13	12	0.33
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD21	12	0.33
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD22	12	0.33
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD23	12	0.33
(13,1940)	1:13:A:ALA:H	1:14:A:VAL:HG11	2	0.33
(13,1940)	1:13:A:ALA:H	1:14:A:VAL:HG12	2	0.33
(13,1940)	1:13:A:ALA:H	1:14:A:VAL:HG13	2	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1940)	1:13:A:ALA:H	1:14:A:VAL:HG21	2	0.33
(13,1940)	1:13:A:ALA:H	1:14:A:VAL:HG22	2	0.33
(13,1940)	1:13:A:ALA:H	1:14:A:VAL:HG23	2	0.33
(13,1904)	1:10:A:ASN:HD21	1:13:A:ALA:HB1	16	0.33
(13,1904)	1:10:A:ASN:HD21	1:13:A:ALA:HB2	16	0.33
(13,1904)	1:10:A:ASN:HD21	1:13:A:ALA:HB3	16	0.33
(13,1904)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	16	0.33
(13,1904)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	16	0.33
(13,1904)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	16	0.33
(13,1823)	1:18:A:PHE:HA	1:113:A:PHE:HE1	19	0.33
(13,1823)	1:18:A:PHE:HA	1:113:A:PHE:HE2	19	0.33
(13,1752)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	8	0.33
(13,1752)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	8	0.33
(13,1752)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	8	0.33
(13,1752)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	8	0.33
(13,1752)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	8	0.33
(13,1752)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	8	0.33
(13,1752)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	8	0.33
(13,1752)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	8	0.33
(13,1752)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	8	0.33
(13,1752)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	8	0.33
(13,1752)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	8	0.33
(13,1752)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	8	0.33
(13,1555)	1:98:A:ILE:HG21	1:116:A:GLN:H	5	0.33
(13,1555)	1:98:A:ILE:HG22	1:116:A:GLN:H	5	0.33
(13,1555)	1:98:A:ILE:HG23	1:116:A:GLN:H	5	0.33
(13,1555)	1:98:A:ILE:HG21	1:116:A:GLN:H	14	0.33
(13,1555)	1:98:A:ILE:HG22	1:116:A:GLN:H	14	0.33
(13,1555)	1:98:A:ILE:HG23	1:116:A:GLN:H	14	0.33
(13,1539)	1:11:A:ILE:HD11	1:12:A:VAL:H	15	0.33
(13,1539)	1:11:A:ILE:HD12	1:12:A:VAL:H	15	0.33
(13,1539)	1:11:A:ILE:HD13	1:12:A:VAL:H	15	0.33
(13,1454)	1:101:A:ILE:HG21	1:102:A:PRO:HA	3	0.33
(13,1454)	1:101:A:ILE:HG22	1:102:A:PRO:HA	3	0.33
(13,1454)	1:101:A:ILE:HG23	1:102:A:PRO:HA	3	0.33
(13,1446)	1:42:A:GLU:HA	1:45:A:ALA:HB1	9	0.33
(13,1446)	1:42:A:GLU:HA	1:45:A:ALA:HB2	9	0.33
(13,1446)	1:42:A:GLU:HA	1:45:A:ALA:HB3	9	0.33
(13,1378)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	8	0.33
(13,1378)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	8	0.33
(13,1378)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	8	0.33
(13,1378)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	8	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1378)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	8	0.33
(13,1378)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	8	0.33
(13,1378)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	8	0.33
(13,1378)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	8	0.33
(13,1378)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	8	0.33
(13,1312)	1:103:A:ARG:HG2	1:106:A:ASP:HA	1	0.33
(13,1312)	1:103:A:ARG:HG3	1:106:A:ASP:HA	1	0.33
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	1	0.33
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	1	0.33
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	1	0.33
(13,1212)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	14	0.33
(13,1212)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	14	0.33
(13,1212)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	14	0.33
(13,1199)	1:144:A:LEU:HA	1:144:A:LEU:HD11	5	0.33
(13,1199)	1:144:A:LEU:HA	1:144:A:LEU:HD12	5	0.33
(13,1199)	1:144:A:LEU:HA	1:144:A:LEU:HD13	5	0.33
(13,1150)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	2	0.33
(13,1150)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	2	0.33
(13,1150)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	2	0.33
(13,1150)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	2	0.33
(13,1150)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	2	0.33
(13,1150)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	2	0.33
(13,1103)	1:40:A:LEU:HA	1:43:A:MET:HG2	11	0.33
(13,1098)	1:105:A:LYS:HA	1:105:A:LYS:HG2	7	0.33
(13,1022)	1:11:A:ILE:HB	1:44:A:GLU:HB2	1	0.33
(13,1022)	1:11:A:ILE:HB	1:44:A:GLU:HB3	1	0.33
(13,950)	1:11:A:ILE:HG12	1:14:A:VAL:HB	3	0.33
(13,905)	1:125:A:THR:HB	1:128:A:LEU:HG	8	0.33
(13,899)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	9	0.33
(13,899)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	9	0.33
(13,899)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	9	0.33
(13,859)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	14	0.33
(13,859)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	14	0.33
(13,859)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	14	0.33
(13,818)	1:114:A:ILE:HA	1:114:A:ILE:HD11	15	0.33
(13,818)	1:114:A:ILE:HA	1:114:A:ILE:HD12	15	0.33
(13,818)	1:114:A:ILE:HA	1:114:A:ILE:HD13	15	0.33
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	17	0.33
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	17	0.33
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	17	0.33
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	17	0.33
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	17	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	17	0.33
(13,647)	1:101:A:ILE:HB	1:103:A:ARG:H	4	0.33
(13,417)	1:100:A:ALA:H	1:119:A:LEU:HB3	17	0.33
(13,383)	1:106:A:ASP:H	1:112:A:GLN:HE21	4	0.33
(13,156)	1:127:A:CYS:H	1:128:A:LEU:HG	15	0.33
(13,38)	1:43:A:MET:HA	1:47:A:ALA:H	6	0.33
(11,2425)	1:137:A:SER:HB2	1:140:A:LEU:HB2	6	0.33
(11,2425)	1:137:A:SER:HB3	1:140:A:LEU:HB2	6	0.33
(11,2337)	1:107:A:LEU:H	1:107:A:LEU:HD11	11	0.33
(11,2337)	1:107:A:LEU:H	1:107:A:LEU:HD12	11	0.33
(11,2337)	1:107:A:LEU:H	1:107:A:LEU:HD13	11	0.33
(11,2337)	1:107:A:LEU:H	1:107:A:LEU:HD21	11	0.33
(11,2337)	1:107:A:LEU:H	1:107:A:LEU:HD22	11	0.33
(11,2337)	1:107:A:LEU:H	1:107:A:LEU:HD23	11	0.33
(11,2218)	1:60:A:LEU:HD11	1:61:A:SER:HB2	11	0.33
(11,2218)	1:60:A:LEU:HD11	1:61:A:SER:HB3	11	0.33
(11,2218)	1:60:A:LEU:HD12	1:61:A:SER:HB2	11	0.33
(11,2218)	1:60:A:LEU:HD12	1:61:A:SER:HB3	11	0.33
(11,2218)	1:60:A:LEU:HD13	1:61:A:SER:HB2	11	0.33
(11,2218)	1:60:A:LEU:HD13	1:61:A:SER:HB3	11	0.33
(11,2135)	1:39:A:VAL:HG11	1:144:A:LEU:H	17	0.33
(11,2135)	1:39:A:VAL:HG12	1:144:A:LEU:H	17	0.33
(11,2135)	1:39:A:VAL:HG13	1:144:A:LEU:H	17	0.33
(11,2135)	1:39:A:VAL:HG21	1:144:A:LEU:H	17	0.33
(11,2135)	1:39:A:VAL:HG22	1:144:A:LEU:H	17	0.33
(11,2135)	1:39:A:VAL:HG23	1:144:A:LEU:H	17	0.33
(11,2076)	1:34:A:LYS:H	1:81:A:GLU:HB2	9	0.33
(11,2076)	1:34:A:LYS:H	1:81:A:GLU:HB3	9	0.33
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	6	0.33
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	6	0.33
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	6	0.33
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	6	0.33
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	6	0.33
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	6	0.33
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	6	0.33
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	6	0.33
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	6	0.33
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	6	0.33
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	6	0.33
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	6	0.33
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	5	0.33
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	5	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	5	0.33
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	5	0.33
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	5	0.33
(11,2041)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	5	0.33
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	5	0.33
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	5	0.33
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	5	0.33
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	5	0.33
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	5	0.33
(11,2041)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	5	0.33
(11,2015)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	13	0.33
(11,2015)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	13	0.33
(11,2015)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	13	0.33
(11,2015)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	13	0.33
(11,2015)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	13	0.33
(11,2015)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	13	0.33
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	11	0.33
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	11	0.33
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	11	0.33
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	11	0.33
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	11	0.33
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	11	0.33
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	11	0.33
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	11	0.33
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	11	0.33
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	11	0.33
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	11	0.33
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	11	0.33
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	11	0.33
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	11	0.33
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	11	0.33
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	11	0.33
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	11	0.33
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	11	0.33
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	14	0.33
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	14	0.33
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	14	0.33
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	14	0.33
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	14	0.33
(11,1964)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	14	0.33
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	14	0.33
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	14	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	14	0.33
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	14	0.33
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	14	0.33
(11,1964)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	14	0.33
(11,1958)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	6	0.33
(11,1958)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	6	0.33
(11,1958)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	6	0.33
(11,1958)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	6	0.33
(11,1958)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	6	0.33
(11,1958)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	6	0.33
(11,1879)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	6	0.33
(11,1875)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	13	0.33
(11,1875)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	13	0.33
(11,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	16	0.33
(11,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	16	0.33
(11,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	16	0.33
(11,1822)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	9	0.33
(11,1822)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	9	0.33
(11,1822)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	9	0.33
(11,1822)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	9	0.33
(11,1822)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	9	0.33
(11,1822)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	9	0.33
(11,1756)	1:13:A:ALA:HA	1:79:A:THR:HG21	13	0.33
(11,1756)	1:13:A:ALA:HA	1:79:A:THR:HG22	13	0.33
(11,1756)	1:13:A:ALA:HA	1:79:A:THR:HG23	13	0.33
(11,1707)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	17	0.33
(11,1707)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	17	0.33
(11,1647)	1:23:A:LEU:HB2	1:24:A:ASP:HA	9	0.33
(11,1647)	1:23:A:LEU:HB3	1:24:A:ASP:HA	9	0.33
(11,1624)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	7	0.33
(11,1624)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	7	0.33
(11,1624)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	7	0.33
(11,1624)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	7	0.33
(11,1624)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	7	0.33
(11,1624)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	7	0.33
(11,1624)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	7	0.33
(11,1624)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	7	0.33
(11,1624)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	7	0.33
(11,1501)	1:101:A:ILE:HG21	1:102:A:PRO:HA	3	0.33
(11,1501)	1:101:A:ILE:HG22	1:102:A:PRO:HA	3	0.33
(11,1501)	1:101:A:ILE:HG23	1:102:A:PRO:HA	3	0.33
(11,1491)	1:42:A:GLU:HA	1:45:A:ALA:HB1	9	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1491)	1:42:A:GLU:HA	1:45:A:ALA:HB2	9	0.33
(11,1491)	1:42:A:GLU:HA	1:45:A:ALA:HB3	9	0.33
(11,1478)	1:13:A:ALA:HB1	1:79:A:THR:HA	8	0.33
(11,1478)	1:13:A:ALA:HB2	1:79:A:THR:HA	8	0.33
(11,1478)	1:13:A:ALA:HB3	1:79:A:THR:HA	8	0.33
(11,1360)	1:103:A:ARG:HG2	1:106:A:ASP:HA	1	0.33
(11,1360)	1:103:A:ARG:HG3	1:106:A:ASP:HA	1	0.33
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	8	0.33
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	8	0.33
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	8	0.33
(11,1307)	1:68:A:LYS:HG2	1:70:A:LYS:H	10	0.33
(11,1307)	1:68:A:LYS:HG3	1:70:A:LYS:H	10	0.33
(11,1253)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	14	0.33
(11,1253)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	14	0.33
(11,1253)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	14	0.33
(11,1119)	1:41:A:LYS:HA	1:44:A:GLU:HG2	9	0.33
(11,1118)	1:146:A:GLN:HA	1:147:A:ARG:HG2	7	0.33
(11,1118)	1:146:A:GLN:HA	1:147:A:ARG:HG3	7	0.33
(11,1041)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	8	0.33
(11,869)	1:56:A:CYS:H	1:122:A:ASP:HB3	3	0.33
(11,829)	1:114:A:ILE:HA	1:114:A:ILE:HD11	15	0.33
(11,829)	1:114:A:ILE:HA	1:114:A:ILE:HD12	15	0.33
(11,829)	1:114:A:ILE:HA	1:114:A:ILE:HD13	15	0.33
(11,823)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	2	0.33
(11,823)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	2	0.33
(11,823)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	2	0.33
(11,823)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	2	0.33
(11,823)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	2	0.33
(11,823)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	2	0.33
(11,817)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	19	0.33
(11,817)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	19	0.33
(11,817)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	19	0.33
(11,657)	1:101:A:ILE:HB	1:103:A:ARG:H	4	0.33
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	17	0.33
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	17	0.33
(11,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	17	0.33
(11,540)	1:60:A:LEU:HD21	1:61:A:SER:H	16	0.33
(11,540)	1:60:A:LEU:HD22	1:61:A:SER:H	16	0.33
(11,540)	1:60:A:LEU:HD23	1:61:A:SER:H	16	0.33
(11,487)	1:79:A:THR:H	1:79:A:THR:HG21	13	0.33
(11,487)	1:79:A:THR:H	1:79:A:THR:HG22	13	0.33
(11,487)	1:79:A:THR:H	1:79:A:THR:HG23	13	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,392)	1:106:A:ASP:H	1:112:A:GLN:HE21	4	0.33
(11,367)	1:70:A:LYS:H	1:70:A:LYS:HE2	6	0.33
(11,367)	1:70:A:LYS:H	1:70:A:LYS:HE3	6	0.33
(11,59)	1:11:A:ILE:HD11	1:47:A:ALA:H	6	0.33
(11,59)	1:11:A:ILE:HD12	1:47:A:ALA:H	6	0.33
(11,59)	1:11:A:ILE:HD13	1:47:A:ALA:H	6	0.33
(11,52)	1:47:A:ALA:H	1:48:A:ARG:HB2	15	0.33
(11,52)	1:47:A:ALA:H	1:48:A:ARG:HB3	15	0.33
(11,31)	1:35:A:LEU:H	1:35:A:LEU:HG	10	0.33
(11,13)	1:64:A:LYS:H	1:116:A:GLN:HG2	19	0.33
(11,8)	1:64:A:LYS:H	1:116:A:GLN:HE21	15	0.33
(9,2364)	1:131:A:LEU:HD11	1:134:A:VAL:HB	17	0.33
(9,2364)	1:131:A:LEU:HD12	1:134:A:VAL:HB	17	0.33
(9,2364)	1:131:A:LEU:HD13	1:134:A:VAL:HB	17	0.33
(9,2364)	1:131:A:LEU:HD21	1:134:A:VAL:HB	17	0.33
(9,2364)	1:131:A:LEU:HD22	1:134:A:VAL:HB	17	0.33
(9,2364)	1:131:A:LEU:HD23	1:134:A:VAL:HB	17	0.33
(9,2185)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	9	0.33
(9,2185)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	9	0.33
(9,2185)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	9	0.33
(9,2185)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	9	0.33
(9,2089)	1:39:A:VAL:HG11	1:40:A:LEU:HA	3	0.33
(9,2089)	1:39:A:VAL:HG12	1:40:A:LEU:HA	3	0.33
(9,2089)	1:39:A:VAL:HG13	1:40:A:LEU:HA	3	0.33
(9,2089)	1:39:A:VAL:HG21	1:40:A:LEU:HA	3	0.33
(9,2089)	1:39:A:VAL:HG22	1:40:A:LEU:HA	3	0.33
(9,2089)	1:39:A:VAL:HG23	1:40:A:LEU:HA	3	0.33
(9,2002)	1:17:A:ASN:HD21	1:79:A:THR:H	11	0.33
(9,2002)	1:17:A:ASN:HD22	1:79:A:THR:H	11	0.33
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	9	0.33
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	9	0.33
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	9	0.33
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	9	0.33
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	9	0.33
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	9	0.33
(9,1934)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	6	0.33
(9,1934)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	6	0.33
(9,1934)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	6	0.33
(9,1934)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	6	0.33
(9,1934)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	6	0.33
(9,1934)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	6	0.33
(9,1908)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	16	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1884)	1:104:A:PHE:HE1	1:113:A:PHE:HA	1	0.33
(9,1884)	1:104:A:PHE:HE2	1:113:A:PHE:HA	1	0.33
(9,1874)	1:14:A:VAL:HA	1:18:A:PHE:HD1	17	0.33
(9,1874)	1:14:A:VAL:HA	1:18:A:PHE:HD2	17	0.33
(9,1845)	1:9:A:PHE:HD1	1:57:A:LEU:HG	8	0.33
(9,1845)	1:9:A:PHE:HD2	1:57:A:LEU:HG	8	0.33
(9,1826)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	3	0.33
(9,1826)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	3	0.33
(9,1815)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	16	0.33
(9,1815)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	16	0.33
(9,1815)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	16	0.33
(9,1763)	1:65:A:CYS:HB2	1:69:A:MET:HE1	8	0.33
(9,1763)	1:65:A:CYS:HB2	1:69:A:MET:HE2	8	0.33
(9,1763)	1:65:A:CYS:HB2	1:69:A:MET:HE3	8	0.33
(9,1749)	1:39:A:VAL:HB	1:139:A:LEU:HA	18	0.33
(9,1712)	1:13:A:ALA:HA	1:79:A:THR:HG21	13	0.33
(9,1712)	1:13:A:ALA:HA	1:79:A:THR:HG22	13	0.33
(9,1712)	1:13:A:ALA:HA	1:79:A:THR:HG23	13	0.33
(9,1703)	1:67:A:PRO:HD2	1:95:A:ILE:HA	9	0.33
(9,1664)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	17	0.33
(9,1664)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	17	0.33
(9,1591)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	10	0.33
(9,1591)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	10	0.33
(9,1591)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	10	0.33
(9,1486)	1:114:A:ILE:HG21	1:117:A:VAL:H	15	0.33
(9,1486)	1:114:A:ILE:HG22	1:117:A:VAL:H	15	0.33
(9,1486)	1:114:A:ILE:HG23	1:117:A:VAL:H	15	0.33
(9,1478)	1:101:A:ILE:HG21	1:103:A:ARG:HA	3	0.33
(9,1478)	1:101:A:ILE:HG22	1:103:A:ARG:HA	3	0.33
(9,1478)	1:101:A:ILE:HG23	1:103:A:ARG:HA	3	0.33
(9,1475)	1:101:A:ILE:HG21	1:102:A:PRO:HA	3	0.33
(9,1475)	1:101:A:ILE:HG22	1:102:A:PRO:HA	3	0.33
(9,1475)	1:101:A:ILE:HG23	1:102:A:PRO:HA	3	0.33
(9,1464)	1:42:A:GLU:HA	1:45:A:ALA:HB1	9	0.33
(9,1464)	1:42:A:GLU:HA	1:45:A:ALA:HB2	9	0.33
(9,1464)	1:42:A:GLU:HA	1:45:A:ALA:HB3	9	0.33
(9,1391)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	2	0.33
(9,1391)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	2	0.33
(9,1391)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	2	0.33
(9,1082)	1:38:A:GLU:HA	1:139:A:LEU:HD11	1	0.33
(9,1082)	1:38:A:GLU:HA	1:139:A:LEU:HD12	1	0.33
(9,1082)	1:38:A:GLU:HA	1:139:A:LEU:HD13	1	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1033)	1:11:A:ILE:HB	1:44:A:GLU:HB2	8	0.33
(9,1033)	1:11:A:ILE:HB	1:44:A:GLU:HB3	8	0.33
(9,1029)	1:11:A:ILE:HG12	1:43:A:MET:HB3	7	0.33
(9,1026)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	8	0.33
(9,958)	1:66:A:THR:H	1:96:A:VAL:HB	2	0.33
(9,927)	1:81:A:GLU:HA	1:81:A:GLU:HG2	17	0.33
(9,927)	1:81:A:GLU:HA	1:81:A:GLU:HG3	17	0.33
(9,927)	1:81:A:GLU:HA	1:81:A:GLU:HG2	18	0.33
(9,927)	1:81:A:GLU:HA	1:81:A:GLU:HG3	18	0.33
(9,921)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	16	0.33
(9,921)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	16	0.33
(9,921)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	16	0.33
(9,921)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	16	0.33
(9,829)	1:114:A:ILE:HA	1:114:A:ILE:HD11	15	0.33
(9,829)	1:114:A:ILE:HA	1:114:A:ILE:HD12	15	0.33
(9,829)	1:114:A:ILE:HA	1:114:A:ILE:HD13	15	0.33
(9,822)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	2	0.33
(9,822)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	2	0.33
(9,822)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	2	0.33
(9,822)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	2	0.33
(9,822)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	2	0.33
(9,822)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	2	0.33
(9,799)	1:54:A:ARG:HE	1:58:A:ILE:HD11	5	0.33
(9,799)	1:54:A:ARG:HE	1:58:A:ILE:HD12	5	0.33
(9,799)	1:54:A:ARG:HE	1:58:A:ILE:HD13	5	0.33
(9,653)	1:101:A:ILE:HB	1:103:A:ARG:H	4	0.33
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD21	17	0.33
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD22	17	0.33
(9,627)	1:57:A:LEU:H	1:60:A:LEU:HD23	17	0.33
(9,588)	1:70:A:LYS:HB2	1:75:A:GLY:H	19	0.33
(9,588)	1:70:A:LYS:HB3	1:75:A:GLY:H	19	0.33
(9,545)	1:60:A:LEU:HD21	1:61:A:SER:H	16	0.33
(9,545)	1:60:A:LEU:HD22	1:61:A:SER:H	16	0.33
(9,545)	1:60:A:LEU:HD23	1:61:A:SER:H	16	0.33
(9,396)	1:106:A:ASP:H	1:112:A:GLN:HE21	4	0.33
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB2	18	0.33
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB3	18	0.33
(9,255)	1:58:A:ILE:H	1:58:A:ILE:HD11	13	0.33
(9,255)	1:58:A:ILE:H	1:58:A:ILE:HD12	13	0.33
(9,255)	1:58:A:ILE:H	1:58:A:ILE:HD13	13	0.33
(9,180)	1:8:A:ASP:H	1:58:A:ILE:HD11	3	0.33
(9,180)	1:8:A:ASP:H	1:58:A:ILE:HD12	3	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,180)	1:8:A:ASP:H	1:58:A:ILE:HD13	3	0.33
(9,43)	1:98:A:ILE:H	1:105:A:LYS:HA	16	0.33
(7,2251)	1:79:A:THR:HG21	1:81:A:GLU:HB2	16	0.33
(7,2251)	1:79:A:THR:HG21	1:81:A:GLU:HB3	16	0.33
(7,2251)	1:79:A:THR:HG22	1:81:A:GLU:HB2	16	0.33
(7,2251)	1:79:A:THR:HG22	1:81:A:GLU:HB3	16	0.33
(7,2251)	1:79:A:THR:HG23	1:81:A:GLU:HB2	16	0.33
(7,2251)	1:79:A:THR:HG23	1:81:A:GLU:HB3	16	0.33
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD1	16	0.33
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD2	16	0.33
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD1	16	0.33
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD2	16	0.33
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD11	15	0.33
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD12	15	0.33
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD13	15	0.33
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD21	15	0.33
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD22	15	0.33
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD23	15	0.33
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD11	16	0.33
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD12	16	0.33
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD13	16	0.33
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD21	16	0.33
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD22	16	0.33
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD23	16	0.33
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD11	3	0.33
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD12	3	0.33
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD13	3	0.33
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD21	3	0.33
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD22	3	0.33
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD23	3	0.33
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG11	1	0.33
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG12	1	0.33
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG13	1	0.33
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG21	1	0.33
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG22	1	0.33
(7,1961)	1:16:A:SER:HA	1:134:A:VAL:HG23	1	0.33
(7,1942)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	14	0.33
(7,1942)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	14	0.33
(7,1942)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	14	0.33
(7,1942)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	14	0.33
(7,1942)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	14	0.33
(7,1942)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	14	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1942)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	14	0.33
(7,1942)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	14	0.33
(7,1942)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	14	0.33
(7,1942)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	14	0.33
(7,1942)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	14	0.33
(7,1942)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	14	0.33
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	10	0.33
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	10	0.33
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	10	0.33
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	10	0.33
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	10	0.33
(7,1919)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	10	0.33
(7,1907)	1:10:A:ASN:HD21	1:13:A:ALA:HB1	16	0.33
(7,1907)	1:10:A:ASN:HD21	1:13:A:ALA:HB2	16	0.33
(7,1907)	1:10:A:ASN:HD21	1:13:A:ALA:HB3	16	0.33
(7,1907)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	16	0.33
(7,1907)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	16	0.33
(7,1907)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	16	0.33
(7,1877)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	16	0.33
(7,1815)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	12	0.33
(7,1815)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	12	0.33
(7,1815)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	12	0.33
(7,1815)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	12	0.33
(7,1742)	1:144:A:LEU:HA	1:144:A:LEU:HD11	5	0.33
(7,1742)	1:144:A:LEU:HA	1:144:A:LEU:HD12	5	0.33
(7,1742)	1:144:A:LEU:HA	1:144:A:LEU:HD13	5	0.33
(7,1558)	1:98:A:ILE:HG21	1:116:A:GLN:H	5	0.33
(7,1558)	1:98:A:ILE:HG22	1:116:A:GLN:H	5	0.33
(7,1558)	1:98:A:ILE:HG23	1:116:A:GLN:H	5	0.33
(7,1558)	1:98:A:ILE:HG21	1:116:A:GLN:H	14	0.33
(7,1558)	1:98:A:ILE:HG22	1:116:A:GLN:H	14	0.33
(7,1558)	1:98:A:ILE:HG23	1:116:A:GLN:H	14	0.33
(7,1543)	1:11:A:ILE:HD11	1:12:A:VAL:H	15	0.33
(7,1543)	1:11:A:ILE:HD12	1:12:A:VAL:H	15	0.33
(7,1543)	1:11:A:ILE:HD13	1:12:A:VAL:H	15	0.33
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE1	1	0.33
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE2	1	0.33
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE3	1	0.33
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE1	14	0.33
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE2	14	0.33
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE3	14	0.33
(7,1471)	1:114:A:ILE:HG21	1:117:A:VAL:H	15	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1471)	1:114:A:ILE:HG22	1:117:A:VAL:H	15	0.33
(7,1471)	1:114:A:ILE:HG23	1:117:A:VAL:H	15	0.33
(7,1458)	1:101:A:ILE:HG21	1:102:A:PRO:HA	3	0.33
(7,1458)	1:101:A:ILE:HG22	1:102:A:PRO:HA	3	0.33
(7,1458)	1:101:A:ILE:HG23	1:102:A:PRO:HA	3	0.33
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG11	16	0.33
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG12	16	0.33
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG13	16	0.33
(7,1320)	1:103:A:ARG:HG2	1:106:A:ASP:HA	1	0.33
(7,1320)	1:103:A:ARG:HG3	1:106:A:ASP:HA	1	0.33
(7,1269)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	16	0.33
(7,1269)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	16	0.33
(7,1269)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	16	0.33
(7,1248)	1:15:A:ALA:HA	1:131:A:LEU:HB2	14	0.33
(7,1214)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	14	0.33
(7,1214)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	14	0.33
(7,1214)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	14	0.33
(7,1166)	1:100:A:ALA:HB1	1:119:A:LEU:HD21	8	0.33
(7,1166)	1:100:A:ALA:HB1	1:119:A:LEU:HD22	8	0.33
(7,1166)	1:100:A:ALA:HB1	1:119:A:LEU:HD23	8	0.33
(7,1166)	1:100:A:ALA:HB2	1:119:A:LEU:HD21	8	0.33
(7,1166)	1:100:A:ALA:HB2	1:119:A:LEU:HD22	8	0.33
(7,1166)	1:100:A:ALA:HB2	1:119:A:LEU:HD23	8	0.33
(7,1166)	1:100:A:ALA:HB3	1:119:A:LEU:HD21	8	0.33
(7,1166)	1:100:A:ALA:HB3	1:119:A:LEU:HD22	8	0.33
(7,1166)	1:100:A:ALA:HB3	1:119:A:LEU:HD23	8	0.33
(7,916)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	7	0.33
(7,916)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	7	0.33
(7,865)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	14	0.33
(7,865)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	14	0.33
(7,865)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	14	0.33
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB2	9	0.33
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB3	9	0.33
(7,821)	1:114:A:ILE:HA	1:114:A:ILE:HD11	15	0.33
(7,821)	1:114:A:ILE:HA	1:114:A:ILE:HD12	15	0.33
(7,821)	1:114:A:ILE:HA	1:114:A:ILE:HD13	15	0.33
(7,815)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	2	0.33
(7,815)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	2	0.33
(7,815)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	2	0.33
(7,815)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	2	0.33
(7,815)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	2	0.33
(7,815)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	2	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD11	13	0.33
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD12	13	0.33
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD13	13	0.33
(7,732)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	7	0.33
(7,489)	1:79:A:THR:H	1:79:A:THR:HG21	13	0.33
(7,489)	1:79:A:THR:H	1:79:A:THR:HG22	13	0.33
(7,489)	1:79:A:THR:H	1:79:A:THR:HG23	13	0.33
(7,387)	1:106:A:ASP:H	1:112:A:GLN:HE21	10	0.33
(7,269)	1:108:A:GLU:H	1:112:A:GLN:H	16	0.33
(7,248)	1:58:A:ILE:H	1:58:A:ILE:HG13	17	0.33
(7,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	2	0.33
(7,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	5	0.33
(7,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	5	0.33
(7,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	5	0.33
(7,53)	1:11:A:ILE:HD11	1:47:A:ALA:H	6	0.33
(7,53)	1:11:A:ILE:HD12	1:47:A:ALA:H	6	0.33
(7,53)	1:11:A:ILE:HD13	1:47:A:ALA:H	6	0.33
(7,42)	1:44:A:GLU:HG3	1:47:A:ALA:H	12	0.33
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG11	10	0.33
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG12	10	0.33
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG13	10	0.33
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG21	10	0.33
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG22	10	0.33
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG23	10	0.33
(6,2362)	1:115:A:ALA:H	1:116:A:GLN:HE21	7	0.33
(6,2362)	1:115:A:ALA:H	1:116:A:GLN:HE22	7	0.33
(6,2321)	1:105:A:LYS:HG2	1:106:A:ASP:HA	17	0.33
(6,2321)	1:105:A:LYS:HG3	1:106:A:ASP:HA	17	0.33
(6,2103)	1:39:A:VAL:HA	1:140:A:LEU:HD11	9	0.33
(6,2103)	1:39:A:VAL:HA	1:140:A:LEU:HD12	9	0.33
(6,2103)	1:39:A:VAL:HA	1:140:A:LEU:HD13	9	0.33
(6,2103)	1:39:A:VAL:HA	1:140:A:LEU:HD21	9	0.33
(6,2103)	1:39:A:VAL:HA	1:140:A:LEU:HD22	9	0.33
(6,2103)	1:39:A:VAL:HA	1:140:A:LEU:HD23	9	0.33
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD11	12	0.33
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD12	12	0.33
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD13	12	0.33
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD21	12	0.33
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD22	12	0.33
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD23	12	0.33
(6,2006)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	4	0.33
(6,2006)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	4	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2006)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	4	0.33
(6,2006)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	4	0.33
(6,2006)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	4	0.33
(6,2006)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	4	0.33
(6,2006)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	4	0.33
(6,2006)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	4	0.33
(6,2006)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	4	0.33
(6,2006)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	4	0.33
(6,2006)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	4	0.33
(6,2006)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	4	0.33
(6,2006)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	4	0.33
(6,2006)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	4	0.33
(6,2006)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	4	0.33
(6,2006)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	4	0.33
(6,2006)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	4	0.33
(6,2006)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	4	0.33
(6,2003)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	14	0.33
(6,2003)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	14	0.33
(6,2003)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	14	0.33
(6,2003)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	14	0.33
(6,2003)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	14	0.33
(6,2003)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	14	0.33
(6,2003)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	14	0.33
(6,2003)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	14	0.33
(6,2003)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	14	0.33
(6,2003)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	14	0.33
(6,2003)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	14	0.33
(6,2003)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	14	0.33
(6,1951)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	6	0.33
(6,1951)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	6	0.33
(6,1951)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	6	0.33
(6,1951)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	6	0.33
(6,1951)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	6	0.33
(6,1951)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	6	0.33
(6,1909)	1:113:A:PHE:HD1	1:114:A:ILE:HB	18	0.33
(6,1909)	1:113:A:PHE:HD2	1:114:A:ILE:HB	18	0.33
(6,1862)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	19	0.33
(6,1823)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	13	0.33
(6,1823)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	13	0.33
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	5	0.33
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	5	0.33
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	5	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	5	0.33
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	5	0.33
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	5	0.33
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	9	0.33
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	9	0.33
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	9	0.33
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	9	0.33
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	9	0.33
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	9	0.33
(6,1721)	1:13:A:ALA:HA	1:79:A:THR:HG21	13	0.33
(6,1721)	1:13:A:ALA:HA	1:79:A:THR:HG22	13	0.33
(6,1721)	1:13:A:ALA:HA	1:79:A:THR:HG23	13	0.33
(6,1712)	1:67:A:PRO:HD2	1:95:A:ILE:HA	9	0.33
(6,1674)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	17	0.33
(6,1674)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	17	0.33
(6,1659)	1:69:A:MET:HA	1:69:A:MET:HE1	1	0.33
(6,1659)	1:69:A:MET:HA	1:69:A:MET:HE2	1	0.33
(6,1659)	1:69:A:MET:HA	1:69:A:MET:HE3	1	0.33
(6,1598)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	10	0.33
(6,1598)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	10	0.33
(6,1598)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	10	0.33
(6,1582)	1:97:A:ASP:H	1:98:A:ILE:HD11	16	0.33
(6,1582)	1:97:A:ASP:H	1:98:A:ILE:HD12	16	0.33
(6,1582)	1:97:A:ASP:H	1:98:A:ILE:HD13	16	0.33
(6,1576)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	13	0.33
(6,1576)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	13	0.33
(6,1576)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	13	0.33
(6,1576)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	13	0.33
(6,1576)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	13	0.33
(6,1576)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	13	0.33
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	18	0.33
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	18	0.33
(6,1571)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	18	0.33
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	18	0.33
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	18	0.33
(6,1571)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	18	0.33
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	18	0.33
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	18	0.33
(6,1571)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	18	0.33
(6,1466)	1:42:A:GLU:HA	1:45:A:ALA:HB1	9	0.33
(6,1466)	1:42:A:GLU:HA	1:45:A:ALA:HB2	9	0.33
(6,1466)	1:42:A:GLU:HA	1:45:A:ALA:HB3	9	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1465)	1:67:A:PRO:HD3	1:95:A:ILE:HA	5	0.33
(6,1402)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	18	0.33
(6,1402)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	18	0.33
(6,1402)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	18	0.33
(6,1402)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	18	0.33
(6,1402)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	18	0.33
(6,1402)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	18	0.33
(6,1230)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	14	0.33
(6,1230)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	14	0.33
(6,1230)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	14	0.33
(6,1068)	1:38:A:GLU:HA	1:139:A:LEU:HD11	1	0.33
(6,1068)	1:38:A:GLU:HA	1:139:A:LEU:HD12	1	0.33
(6,1068)	1:38:A:GLU:HA	1:139:A:LEU:HD13	1	0.33
(6,869)	1:14:A:VAL:HA	1:18:A:PHE:HB2	4	0.33
(6,866)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	14	0.33
(6,866)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	14	0.33
(6,866)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	14	0.33
(6,794)	1:54:A:ARG:HE	1:58:A:ILE:HD11	5	0.33
(6,794)	1:54:A:ARG:HE	1:58:A:ILE:HD12	5	0.33
(6,794)	1:54:A:ARG:HE	1:58:A:ILE:HD13	5	0.33
(6,788)	1:63:A:ILE:HD11	1:117:A:VAL:HB	1	0.33
(6,788)	1:63:A:ILE:HD12	1:117:A:VAL:HB	1	0.33
(6,788)	1:63:A:ILE:HD13	1:117:A:VAL:HB	1	0.33
(6,788)	1:63:A:ILE:HD11	1:117:A:VAL:HB	18	0.33
(6,788)	1:63:A:ILE:HD12	1:117:A:VAL:HB	18	0.33
(6,788)	1:63:A:ILE:HD13	1:117:A:VAL:HB	18	0.33
(6,743)	1:43:A:MET:HE1	1:134:A:VAL:H	19	0.33
(6,743)	1:43:A:MET:HE2	1:134:A:VAL:H	19	0.33
(6,743)	1:43:A:MET:HE3	1:134:A:VAL:H	19	0.33
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD21	17	0.33
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD22	17	0.33
(6,622)	1:57:A:LEU:H	1:60:A:LEU:HD23	17	0.33
(6,582)	1:70:A:LYS:HB2	1:75:A:GLY:H	19	0.33
(6,582)	1:70:A:LYS:HB3	1:75:A:GLY:H	19	0.33
(6,536)	1:60:A:LEU:HD21	1:61:A:SER:H	16	0.33
(6,536)	1:60:A:LEU:HD22	1:61:A:SER:H	16	0.33
(6,536)	1:60:A:LEU:HD23	1:61:A:SER:H	16	0.33
(6,385)	1:106:A:ASP:H	1:112:A:GLN:HE21	4	0.33
(6,321)	1:46:A:ASN:H	1:49:A:LYS:HB2	19	0.33
(6,321)	1:46:A:ASN:H	1:49:A:LYS:HB3	19	0.33
(6,247)	1:58:A:ILE:H	1:58:A:ILE:HD11	13	0.33
(6,247)	1:58:A:ILE:H	1:58:A:ILE:HD12	13	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,247)	1:58:A:ILE:H	1:58:A:ILE:HD13	13	0.33
(6,217)	1:44:A:GLU:HG2	1:48:A:ARG:H	2	0.33
(6,54)	1:11:A:ILE:HD11	1:47:A:ALA:H	6	0.33
(6,54)	1:11:A:ILE:HD12	1:47:A:ALA:H	6	0.33
(6,54)	1:11:A:ILE:HD13	1:47:A:ALA:H	6	0.33
(6,11)	1:64:A:LYS:H	1:116:A:GLN:HG2	19	0.33
(5,2331)	1:107:A:LEU:HD11	1:112:A:GLN:HA	3	0.33
(5,2331)	1:107:A:LEU:HD12	1:112:A:GLN:HA	3	0.33
(5,2331)	1:107:A:LEU:HD13	1:112:A:GLN:HA	3	0.33
(5,2331)	1:107:A:LEU:HD21	1:112:A:GLN:HA	3	0.33
(5,2331)	1:107:A:LEU:HD22	1:112:A:GLN:HA	3	0.33
(5,2331)	1:107:A:LEU:HD23	1:112:A:GLN:HA	3	0.33
(5,2124)	1:40:A:LEU:HD11	1:43:A:MET:H	16	0.33
(5,2124)	1:40:A:LEU:HD12	1:43:A:MET:H	16	0.33
(5,2124)	1:40:A:LEU:HD13	1:43:A:MET:H	16	0.33
(5,2124)	1:40:A:LEU:HD21	1:43:A:MET:H	16	0.33
(5,2124)	1:40:A:LEU:HD22	1:43:A:MET:H	16	0.33
(5,2124)	1:40:A:LEU:HD23	1:43:A:MET:H	16	0.33
(5,1979)	1:14:A:VAL:HB	1:57:A:LEU:HD11	3	0.33
(5,1979)	1:14:A:VAL:HB	1:57:A:LEU:HD12	3	0.33
(5,1979)	1:14:A:VAL:HB	1:57:A:LEU:HD13	3	0.33
(5,1979)	1:14:A:VAL:HB	1:57:A:LEU:HD21	3	0.33
(5,1979)	1:14:A:VAL:HB	1:57:A:LEU:HD22	3	0.33
(5,1979)	1:14:A:VAL:HB	1:57:A:LEU:HD23	3	0.33
(5,1960)	1:10:A:ASN:HD21	1:13:A:ALA:HB1	16	0.33
(5,1960)	1:10:A:ASN:HD21	1:13:A:ALA:HB2	16	0.33
(5,1960)	1:10:A:ASN:HD21	1:13:A:ALA:HB3	16	0.33
(5,1960)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	16	0.33
(5,1960)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	16	0.33
(5,1960)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	16	0.33
(5,1921)	1:63:A:ILE:HB	1:113:A:PHE:HD1	7	0.33
(5,1921)	1:63:A:ILE:HB	1:113:A:PHE:HD2	7	0.33
(5,1880)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	13	0.33
(5,1880)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	13	0.33
(5,1850)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	1	0.33
(5,1850)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	1	0.33
(5,1850)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	1	0.33
(5,1850)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	1	0.33
(5,1850)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	1	0.33
(5,1850)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	1	0.33
(5,1693)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	17	0.33
(5,1693)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	17	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	2	0.33
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	2	0.33
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	2	0.33
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	2	0.33
(5,1632)	1:23:A:LEU:HB2	1:24:A:ASP:HA	9	0.33
(5,1632)	1:23:A:LEU:HB3	1:24:A:ASP:HA	9	0.33
(5,1609)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	18	0.33
(5,1609)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	18	0.33
(5,1609)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	18	0.33
(5,1590)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	13	0.33
(5,1590)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	13	0.33
(5,1590)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	13	0.33
(5,1590)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	13	0.33
(5,1590)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	13	0.33
(5,1590)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	13	0.33
(5,1584)	1:11:A:ILE:HD11	1:12:A:VAL:H	15	0.33
(5,1584)	1:11:A:ILE:HD12	1:12:A:VAL:H	15	0.33
(5,1584)	1:11:A:ILE:HD13	1:12:A:VAL:H	15	0.33
(5,1565)	1:40:A:LEU:HD21	1:43:A:MET:H	4	0.33
(5,1565)	1:40:A:LEU:HD22	1:43:A:MET:H	4	0.33
(5,1565)	1:40:A:LEU:HD23	1:43:A:MET:H	4	0.33
(5,1509)	1:114:A:ILE:HG21	1:117:A:VAL:H	15	0.33
(5,1509)	1:114:A:ILE:HG22	1:117:A:VAL:H	15	0.33
(5,1509)	1:114:A:ILE:HG23	1:117:A:VAL:H	15	0.33
(5,1358)	1:103:A:ARG:HG2	1:106:A:ASP:HA	1	0.33
(5,1358)	1:103:A:ARG:HG3	1:106:A:ASP:HA	1	0.33
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG21	16	0.33
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG22	16	0.33
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG23	16	0.33
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG21	17	0.33
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG22	17	0.33
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG23	17	0.33
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG21	18	0.33
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG22	18	0.33
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG23	18	0.33
(5,1129)	1:105:A:LYS:HA	1:105:A:LYS:HG2	7	0.33
(5,1093)	1:38:A:GLU:HA	1:139:A:LEU:HD11	1	0.33
(5,1093)	1:38:A:GLU:HA	1:139:A:LEU:HD12	1	0.33
(5,1093)	1:38:A:GLU:HA	1:139:A:LEU:HD13	1	0.33
(5,939)	1:63:A:ILE:HG12	1:117:A:VAL:HA	14	0.33
(5,909)	1:19:A:ALA:HB1	1:20:A:THR:HB	15	0.33
(5,909)	1:19:A:ALA:HB2	1:20:A:THR:HB	15	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,909)	1:19:A:ALA:HB3	1:20:A:THR:HB	15	0.33
(5,887)	1:11:A:ILE:HB	1:44:A:GLU:HG3	11	0.33
(5,831)	1:114:A:ILE:HA	1:114:A:ILE:HD11	15	0.33
(5,831)	1:114:A:ILE:HA	1:114:A:ILE:HD12	15	0.33
(5,831)	1:114:A:ILE:HA	1:114:A:ILE:HD13	15	0.33
(5,641)	1:66:A:THR:H	1:70:A:LYS:H	15	0.33
(5,67)	1:44:A:GLU:HB2	1:45:A:ALA:H	8	0.33
(5,67)	1:44:A:GLU:HB3	1:45:A:ALA:H	8	0.33
(5,39)	1:43:A:MET:HA	1:47:A:ALA:H	18	0.33
(4,2049)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	2	0.33
(4,2049)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	2	0.33
(4,2049)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	2	0.33
(4,2049)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	2	0.33
(4,2049)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	2	0.33
(4,2049)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	2	0.33
(4,2049)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	2	0.33
(4,2049)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	2	0.33
(4,2049)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	2	0.33
(4,2049)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	2	0.33
(4,2049)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	2	0.33
(4,2049)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	2	0.33
(4,2049)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	14	0.33
(4,2049)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	14	0.33
(4,2049)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	14	0.33
(4,2049)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	14	0.33
(4,2049)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	14	0.33
(4,2049)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	14	0.33
(4,2049)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	14	0.33
(4,2049)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	14	0.33
(4,2049)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	14	0.33
(4,2049)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	14	0.33
(4,2049)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	14	0.33
(4,2049)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	14	0.33
(4,2045)	1:27:A:ARG:HB2	1:27:A:ARG:HE	18	0.33
(4,2045)	1:27:A:ARG:HB3	1:27:A:ARG:HE	18	0.33
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	3	0.33
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	3	0.33
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	3	0.33
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	3	0.33
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	3	0.33
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	3	0.33
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	3	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	3	0.33
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	3	0.33
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	3	0.33
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	3	0.33
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	3	0.33
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	3	0.33
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	3	0.33
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	3	0.33
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	3	0.33
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	3	0.33
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	3	0.33
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	3	0.33
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	3	0.33
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	3	0.33
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	3	0.33
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	3	0.33
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	3	0.33
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	3	0.33
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	3	0.33
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	3	0.33
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	3	0.33
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	3	0.33
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	3	0.33
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	3	0.33
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	3	0.33
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	3	0.33
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	3	0.33
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	3	0.33
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	3	0.33
(4,1979)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	6	0.33
(4,1979)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	6	0.33
(4,1979)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	6	0.33
(4,1979)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	6	0.33
(4,1979)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	6	0.33
(4,1979)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	6	0.33
(4,1979)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	6	0.33
(4,1979)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	6	0.33
(4,1979)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	6	0.33
(4,1979)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	6	0.33
(4,1979)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	6	0.33
(4,1979)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	6	0.33
(4,1920)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	6	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1920)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	6	0.33
(4,1920)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	6	0.33
(4,1920)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	6	0.33
(4,1920)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	6	0.33
(4,1920)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	6	0.33
(4,1854)	1:14:A:VAL:HA	1:18:A:PHE:HD1	3	0.33
(4,1854)	1:14:A:VAL:HA	1:18:A:PHE:HD2	3	0.33
(4,1803)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	16	0.33
(4,1803)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	16	0.33
(4,1803)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	16	0.33
(4,1771)	1:72:A:PHE:HD1	1:109:A:PRO:HB2	4	0.33
(4,1771)	1:72:A:PHE:HD1	1:109:A:PRO:HB3	4	0.33
(4,1771)	1:72:A:PHE:HD2	1:109:A:PRO:HB2	4	0.33
(4,1771)	1:72:A:PHE:HD2	1:109:A:PRO:HB3	4	0.33
(4,1771)	1:72:A:PHE:HD1	1:109:A:PRO:HB2	15	0.33
(4,1771)	1:72:A:PHE:HD1	1:109:A:PRO:HB3	15	0.33
(4,1771)	1:72:A:PHE:HD2	1:109:A:PRO:HB2	15	0.33
(4,1771)	1:72:A:PHE:HD2	1:109:A:PRO:HB3	15	0.33
(4,1752)	1:65:A:CYS:HB2	1:69:A:MET:HE1	8	0.33
(4,1752)	1:65:A:CYS:HB2	1:69:A:MET:HE2	8	0.33
(4,1752)	1:65:A:CYS:HB2	1:69:A:MET:HE3	8	0.33
(4,1706)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	2	0.33
(4,1706)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	2	0.33
(4,1706)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	2	0.33
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG21	13	0.33
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG22	13	0.33
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG23	13	0.33
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG21	13	0.33
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG22	13	0.33
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG23	13	0.33
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG21	13	0.33
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG22	13	0.33
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG23	13	0.33
(4,1699)	1:13:A:ALA:HA	1:79:A:THR:HG21	13	0.33
(4,1699)	1:13:A:ALA:HA	1:79:A:THR:HG22	13	0.33
(4,1699)	1:13:A:ALA:HA	1:79:A:THR:HG23	13	0.33
(4,1650)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	17	0.33
(4,1650)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	17	0.33
(4,1635)	1:69:A:MET:HA	1:69:A:MET:HE1	1	0.33
(4,1635)	1:69:A:MET:HA	1:69:A:MET:HE2	1	0.33
(4,1635)	1:69:A:MET:HA	1:69:A:MET:HE3	1	0.33
(4,1615)	1:18:A:PHE:HZ	1:60:A:LEU:HA	4	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1550)	1:11:A:ILE:HD11	1:12:A:VAL:H	15	0.33
(4,1550)	1:11:A:ILE:HD12	1:12:A:VAL:H	15	0.33
(4,1550)	1:11:A:ILE:HD13	1:12:A:VAL:H	15	0.33
(4,1537)	1:38:A:GLU:HA	1:139:A:LEU:HD11	1	0.33
(4,1537)	1:38:A:GLU:HA	1:139:A:LEU:HD12	1	0.33
(4,1537)	1:38:A:GLU:HA	1:139:A:LEU:HD13	1	0.33
(4,1514)	1:69:A:MET:HE1	1:76:A:ARG:HB3	1	0.33
(4,1514)	1:69:A:MET:HE2	1:76:A:ARG:HB3	1	0.33
(4,1514)	1:69:A:MET:HE3	1:76:A:ARG:HB3	1	0.33
(4,1483)	1:43:A:MET:HE1	1:46:A:ASN:HD22	3	0.33
(4,1483)	1:43:A:MET:HE2	1:46:A:ASN:HD22	3	0.33
(4,1483)	1:43:A:MET:HE3	1:46:A:ASN:HD22	3	0.33
(4,1472)	1:114:A:ILE:HG21	1:117:A:VAL:H	15	0.33
(4,1472)	1:114:A:ILE:HG22	1:117:A:VAL:H	15	0.33
(4,1472)	1:114:A:ILE:HG23	1:117:A:VAL:H	15	0.33
(4,1462)	1:101:A:ILE:HG21	1:115:A:ALA:HA	8	0.33
(4,1462)	1:101:A:ILE:HG22	1:115:A:ALA:HA	8	0.33
(4,1462)	1:101:A:ILE:HG23	1:115:A:ALA:HA	8	0.33
(4,1321)	1:103:A:ARG:HG2	1:106:A:ASP:HA	1	0.33
(4,1321)	1:103:A:ARG:HG3	1:106:A:ASP:HA	1	0.33
(4,1246)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	8	0.33
(4,1246)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	8	0.33
(4,1246)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	8	0.33
(4,1243)	1:15:A:ALA:HA	1:131:A:LEU:HB2	14	0.33
(4,1213)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	14	0.33
(4,1213)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	14	0.33
(4,1213)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	14	0.33
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD11	2	0.33
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD12	2	0.33
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD13	2	0.33
(4,1051)	1:38:A:GLU:HA	1:42:A:GLU:H	18	0.33
(4,930)	1:63:A:ILE:HG12	1:117:A:VAL:HA	14	0.33
(4,793)	1:54:A:ARG:HE	1:58:A:ILE:HD11	5	0.33
(4,793)	1:54:A:ARG:HE	1:58:A:ILE:HD12	5	0.33
(4,793)	1:54:A:ARG:HE	1:58:A:ILE:HD13	5	0.33
(4,762)	1:69:A:MET:HG3	1:73:A:ILE:HD11	7	0.33
(4,762)	1:69:A:MET:HG3	1:73:A:ILE:HD12	7	0.33
(4,762)	1:69:A:MET:HG3	1:73:A:ILE:HD13	7	0.33
(4,729)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	7	0.33
(4,377)	1:106:A:ASP:H	1:112:A:GLN:HE21	4	0.33
(4,362)	1:41:A:LYS:H	1:44:A:GLU:HB2	13	0.33
(4,362)	1:41:A:LYS:H	1:44:A:GLU:HB3	13	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,352)	1:70:A:LYS:H	1:70:A:LYS:HE2	6	0.33
(4,352)	1:70:A:LYS:H	1:70:A:LYS:HE3	6	0.33
(4,245)	1:58:A:ILE:H	1:58:A:ILE:HD11	13	0.33
(4,245)	1:58:A:ILE:H	1:58:A:ILE:HD12	13	0.33
(4,245)	1:58:A:ILE:H	1:58:A:ILE:HD13	13	0.33
(4,72)	1:44:A:GLU:HB2	1:45:A:ALA:H	8	0.33
(4,72)	1:44:A:GLU:HB3	1:45:A:ALA:H	8	0.33
(4,69)	1:13:A:ALA:HB1	1:81:A:GLU:H	2	0.33
(4,69)	1:13:A:ALA:HB2	1:81:A:GLU:H	2	0.33
(4,69)	1:13:A:ALA:HB3	1:81:A:GLU:H	2	0.33
(4,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	12	0.33
(4,48)	1:44:A:GLU:HG3	1:47:A:ALA:H	12	0.33
(3,2306)	1:79:A:THR:HG21	1:81:A:GLU:HB2	10	0.33
(3,2306)	1:79:A:THR:HG21	1:81:A:GLU:HB3	10	0.33
(3,2306)	1:79:A:THR:HG22	1:81:A:GLU:HB2	10	0.33
(3,2306)	1:79:A:THR:HG22	1:81:A:GLU:HB3	10	0.33
(3,2306)	1:79:A:THR:HG23	1:81:A:GLU:HB2	10	0.33
(3,2306)	1:79:A:THR:HG23	1:81:A:GLU:HB3	10	0.33
(3,2145)	1:39:A:VAL:HG11	1:144:A:LEU:H	17	0.33
(3,2145)	1:39:A:VAL:HG12	1:144:A:LEU:H	17	0.33
(3,2145)	1:39:A:VAL:HG13	1:144:A:LEU:H	17	0.33
(3,2145)	1:39:A:VAL:HG21	1:144:A:LEU:H	17	0.33
(3,2145)	1:39:A:VAL:HG22	1:144:A:LEU:H	17	0.33
(3,2145)	1:39:A:VAL:HG23	1:144:A:LEU:H	17	0.33
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD11	4	0.33
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD12	4	0.33
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD13	4	0.33
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD21	4	0.33
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD22	4	0.33
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD23	4	0.33
(3,2050)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	11	0.33
(3,2050)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	11	0.33
(3,2050)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	11	0.33
(3,2050)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	11	0.33
(3,2050)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	11	0.33
(3,2050)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	11	0.33
(3,2050)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	11	0.33
(3,2050)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	11	0.33
(3,2050)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	11	0.33
(3,2050)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	11	0.33
(3,2050)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	11	0.33
(3,2050)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	11	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1999)	1:12:A:VAL:HG11	1:43:A:MET:H	2	0.33
(3,1999)	1:12:A:VAL:HG12	1:43:A:MET:H	2	0.33
(3,1999)	1:12:A:VAL:HG13	1:43:A:MET:H	2	0.33
(3,1999)	1:12:A:VAL:HG21	1:43:A:MET:H	2	0.33
(3,1999)	1:12:A:VAL:HG22	1:43:A:MET:H	2	0.33
(3,1999)	1:12:A:VAL:HG23	1:43:A:MET:H	2	0.33
(3,1995)	1:12:A:VAL:HG11	1:16:A:SER:HB2	12	0.33
(3,1995)	1:12:A:VAL:HG11	1:16:A:SER:HB3	12	0.33
(3,1995)	1:12:A:VAL:HG12	1:16:A:SER:HB2	12	0.33
(3,1995)	1:12:A:VAL:HG12	1:16:A:SER:HB3	12	0.33
(3,1995)	1:12:A:VAL:HG13	1:16:A:SER:HB2	12	0.33
(3,1995)	1:12:A:VAL:HG13	1:16:A:SER:HB3	12	0.33
(3,1995)	1:12:A:VAL:HG21	1:16:A:SER:HB2	12	0.33
(3,1995)	1:12:A:VAL:HG21	1:16:A:SER:HB3	12	0.33
(3,1995)	1:12:A:VAL:HG22	1:16:A:SER:HB2	12	0.33
(3,1995)	1:12:A:VAL:HG22	1:16:A:SER:HB3	12	0.33
(3,1995)	1:12:A:VAL:HG23	1:16:A:SER:HB2	12	0.33
(3,1995)	1:12:A:VAL:HG23	1:16:A:SER:HB3	12	0.33
(3,1969)	1:10:A:ASN:HD21	1:13:A:ALA:HB1	16	0.33
(3,1969)	1:10:A:ASN:HD21	1:13:A:ALA:HB2	16	0.33
(3,1969)	1:10:A:ASN:HD21	1:13:A:ALA:HB3	16	0.33
(3,1969)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	16	0.33
(3,1969)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	16	0.33
(3,1969)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	16	0.33
(3,1963)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	6	0.33
(3,1963)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	6	0.33
(3,1963)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	6	0.33
(3,1963)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	6	0.33
(3,1963)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	6	0.33
(3,1963)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	6	0.33
(3,1904)	1:14:A:VAL:HA	1:18:A:PHE:HD1	2	0.33
(3,1904)	1:14:A:VAL:HA	1:18:A:PHE:HD2	2	0.33
(3,1904)	1:14:A:VAL:HA	1:18:A:PHE:HD1	7	0.33
(3,1904)	1:14:A:VAL:HA	1:18:A:PHE:HD2	7	0.33
(3,1885)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	6	0.33
(3,1881)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	13	0.33
(3,1881)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	13	0.33
(3,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	16	0.33
(3,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	16	0.33
(3,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	16	0.33
(3,1841)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	3	0.33
(3,1841)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	3	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1761)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	2	0.33
(3,1761)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	2	0.33
(3,1761)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	2	0.33
(3,1752)	1:13:A:ALA:HA	1:79:A:THR:HG21	13	0.33
(3,1752)	1:13:A:ALA:HA	1:79:A:THR:HG22	13	0.33
(3,1752)	1:13:A:ALA:HA	1:79:A:THR:HG23	13	0.33
(3,1688)	1:69:A:MET:HA	1:69:A:MET:HE1	1	0.33
(3,1688)	1:69:A:MET:HA	1:69:A:MET:HE2	1	0.33
(3,1688)	1:69:A:MET:HA	1:69:A:MET:HE3	1	0.33
(3,1609)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	13	0.33
(3,1609)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	13	0.33
(3,1609)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	13	0.33
(3,1609)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	13	0.33
(3,1609)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	13	0.33
(3,1609)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	13	0.33
(3,1601)	1:11:A:ILE:HD11	1:12:A:VAL:H	15	0.33
(3,1601)	1:11:A:ILE:HD12	1:12:A:VAL:H	15	0.33
(3,1601)	1:11:A:ILE:HD13	1:12:A:VAL:H	15	0.33
(3,1558)	1:69:A:MET:HE1	1:76:A:ARG:HG2	10	0.33
(3,1558)	1:69:A:MET:HE1	1:76:A:ARG:HG3	10	0.33
(3,1558)	1:69:A:MET:HE2	1:76:A:ARG:HG2	10	0.33
(3,1558)	1:69:A:MET:HE2	1:76:A:ARG:HG3	10	0.33
(3,1558)	1:69:A:MET:HE3	1:76:A:ARG:HG2	10	0.33
(3,1558)	1:69:A:MET:HE3	1:76:A:ARG:HG3	10	0.33
(3,1496)	1:42:A:GLU:HA	1:45:A:ALA:HB1	9	0.33
(3,1496)	1:42:A:GLU:HA	1:45:A:ALA:HB2	9	0.33
(3,1496)	1:42:A:GLU:HA	1:45:A:ALA:HB3	9	0.33
(3,1430)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	13	0.33
(3,1430)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	13	0.33
(3,1430)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	13	0.33
(3,1430)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	13	0.33
(3,1430)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	13	0.33
(3,1430)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	13	0.33
(3,1430)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	18	0.33
(3,1430)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	18	0.33
(3,1430)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	18	0.33
(3,1430)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	18	0.33
(3,1430)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	18	0.33
(3,1430)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	18	0.33
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG11	5	0.33
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG12	5	0.33
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG13	5	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD21	14	0.33
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD22	14	0.33
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD23	14	0.33
(3,1271)	1:40:A:LEU:HA	1:40:A:LEU:HD21	16	0.33
(3,1271)	1:40:A:LEU:HA	1:40:A:LEU:HD22	16	0.33
(3,1271)	1:40:A:LEU:HA	1:40:A:LEU:HD23	16	0.33
(3,1224)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	7	0.33
(3,1224)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	7	0.33
(3,1224)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	7	0.33
(3,1010)	1:35:A:LEU:HG	1:143:A:TRP:HB3	11	0.33
(3,952)	1:63:A:ILE:HG12	1:117:A:VAL:HA	14	0.33
(3,846)	1:114:A:ILE:HA	1:114:A:ILE:HD11	15	0.33
(3,846)	1:114:A:ILE:HA	1:114:A:ILE:HD12	15	0.33
(3,846)	1:114:A:ILE:HA	1:114:A:ILE:HD13	15	0.33
(3,821)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	13	0.33
(3,821)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	13	0.33
(3,821)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	13	0.33
(3,755)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	7	0.33
(3,491)	1:79:A:THR:H	1:79:A:THR:HG21	13	0.33
(3,491)	1:79:A:THR:H	1:79:A:THR:HG22	13	0.33
(3,491)	1:79:A:THR:H	1:79:A:THR:HG23	13	0.33
(3,425)	1:100:A:ALA:H	1:119:A:LEU:HB3	17	0.33
(3,390)	1:106:A:ASP:H	1:112:A:GLN:HE21	4	0.33
(3,381)	1:40:A:LEU:HD11	1:41:A:LYS:H	19	0.33
(3,381)	1:40:A:LEU:HD12	1:41:A:LYS:H	19	0.33
(3,381)	1:40:A:LEU:HD13	1:41:A:LYS:H	19	0.33
(3,326)	1:46:A:ASN:H	1:49:A:LYS:HB2	19	0.33
(3,326)	1:46:A:ASN:H	1:49:A:LYS:HB3	19	0.33
(3,188)	1:58:A:ILE:HG21	1:60:A:LEU:H	7	0.33
(3,188)	1:58:A:ILE:HG22	1:60:A:LEU:H	7	0.33
(3,188)	1:58:A:ILE:HG23	1:60:A:LEU:H	7	0.33
(3,178)	1:8:A:ASP:H	1:58:A:ILE:HD11	3	0.33
(3,178)	1:8:A:ASP:H	1:58:A:ILE:HD12	3	0.33
(3,178)	1:8:A:ASP:H	1:58:A:ILE:HD13	3	0.33
(3,175)	1:8:A:ASP:H	1:58:A:ILE:HG13	1	0.33
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD11	6	0.33
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD12	6	0.33
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD13	6	0.33
(3,107)	1:22:A:ASP:H	1:25:A:ALA:HB1	9	0.33
(3,107)	1:22:A:ASP:H	1:25:A:ALA:HB2	9	0.33
(3,107)	1:22:A:ASP:H	1:25:A:ALA:HB3	9	0.33
(3,104)	1:69:A:MET:H	1:69:A:MET:HE1	17	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,104)	1:69:A:MET:H	1:69:A:MET:HE2	17	0.33
(3,104)	1:69:A:MET:H	1:69:A:MET:HE3	17	0.33
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD11	3	0.33
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD12	3	0.33
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD13	3	0.33
(3,58)	1:11:A:ILE:HD11	1:47:A:ALA:H	6	0.33
(3,58)	1:11:A:ILE:HD12	1:47:A:ALA:H	6	0.33
(3,58)	1:11:A:ILE:HD13	1:47:A:ALA:H	6	0.33
(3,45)	1:98:A:ILE:H	1:105:A:LYS:HA	16	0.33
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD11	1	0.33
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD12	1	0.33
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD13	1	0.33
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD21	1	0.33
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD22	1	0.33
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD23	1	0.33
(2,2350)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	16	0.33
(2,2350)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	16	0.33
(2,2350)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	16	0.33
(2,2350)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	16	0.33
(2,2350)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	16	0.33
(2,2350)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	16	0.33
(2,2350)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	16	0.33
(2,2350)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	16	0.33
(2,2350)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	16	0.33
(2,2350)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	16	0.33
(2,2350)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	16	0.33
(2,2350)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	16	0.33
(2,2228)	1:60:A:LEU:HD11	1:61:A:SER:HB2	18	0.33
(2,2228)	1:60:A:LEU:HD11	1:61:A:SER:HB3	18	0.33
(2,2228)	1:60:A:LEU:HD12	1:61:A:SER:HB2	18	0.33
(2,2228)	1:60:A:LEU:HD12	1:61:A:SER:HB3	18	0.33
(2,2228)	1:60:A:LEU:HD13	1:61:A:SER:HB2	18	0.33
(2,2228)	1:60:A:LEU:HD13	1:61:A:SER:HB3	18	0.33
(2,2228)	1:60:A:LEU:HD11	1:61:A:SER:HB2	19	0.33
(2,2228)	1:60:A:LEU:HD11	1:61:A:SER:HB3	19	0.33
(2,2228)	1:60:A:LEU:HD12	1:61:A:SER:HB2	19	0.33
(2,2228)	1:60:A:LEU:HD12	1:61:A:SER:HB3	19	0.33
(2,2228)	1:60:A:LEU:HD13	1:61:A:SER:HB2	19	0.33
(2,2228)	1:60:A:LEU:HD13	1:61:A:SER:HB3	19	0.33
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD11	5	0.33
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD12	5	0.33
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD13	5	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD21	5	0.33
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD22	5	0.33
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD23	5	0.33
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD11	15	0.33
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD12	15	0.33
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD13	15	0.33
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD11	15	0.33
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD12	15	0.33
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD13	15	0.33
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD11	15	0.33
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD12	15	0.33
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD13	15	0.33
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD11	15	0.33
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD12	15	0.33
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD13	15	0.33
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD11	15	0.33
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD12	15	0.33
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD13	15	0.33
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD11	15	0.33
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD12	15	0.33
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD13	15	0.33
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD21	15	0.33
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD22	15	0.33
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD23	15	0.33
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD21	15	0.33
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD22	15	0.33
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD23	15	0.33
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD21	15	0.33
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD22	15	0.33
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD23	15	0.33
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD21	15	0.33
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD22	15	0.33
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD23	15	0.33
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD21	15	0.33
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD22	15	0.33
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD23	15	0.33
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD21	15	0.33
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD22	15	0.33
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD23	15	0.33
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD11	13	0.33
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD12	13	0.33
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD13	13	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD21	13	0.33
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD22	13	0.33
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD23	13	0.33
(2,2062)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	2	0.33
(2,2062)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	2	0.33
(2,2062)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	2	0.33
(2,2062)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	2	0.33
(2,2062)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	2	0.33
(2,2062)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	2	0.33
(2,2062)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	2	0.33
(2,2062)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	2	0.33
(2,2062)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	2	0.33
(2,2062)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	2	0.33
(2,2062)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	2	0.33
(2,2062)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	2	0.33
(2,2062)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	14	0.33
(2,2062)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	14	0.33
(2,2062)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	14	0.33
(2,2062)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	14	0.33
(2,2062)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	14	0.33
(2,2062)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	14	0.33
(2,2062)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	14	0.33
(2,2062)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	14	0.33
(2,2062)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	14	0.33
(2,2062)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	14	0.33
(2,2062)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	14	0.33
(2,2062)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	14	0.33
(2,1927)	1:151:A:PHE:H	1:151:A:PHE:HD1	16	0.33
(2,1927)	1:151:A:PHE:H	1:151:A:PHE:HD2	16	0.33
(2,1880)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	13	0.33
(2,1880)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	13	0.33
(2,1841)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	3	0.33
(2,1841)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	3	0.33
(2,1788)	1:65:A:CYS:HB2	1:69:A:MET:HE1	8	0.33
(2,1788)	1:65:A:CYS:HB2	1:69:A:MET:HE2	8	0.33
(2,1788)	1:65:A:CYS:HB2	1:69:A:MET:HE3	8	0.33
(2,1739)	1:13:A:ALA:HA	1:79:A:THR:HG21	13	0.33
(2,1739)	1:13:A:ALA:HA	1:79:A:THR:HG22	13	0.33
(2,1739)	1:13:A:ALA:HA	1:79:A:THR:HG23	13	0.33
(2,1581)	1:11:A:ILE:HD11	1:12:A:VAL:H	15	0.33
(2,1581)	1:11:A:ILE:HD12	1:12:A:VAL:H	15	0.33
(2,1581)	1:11:A:ILE:HD13	1:12:A:VAL:H	15	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1495)	1:114:A:ILE:HG21	1:117:A:VAL:H	15	0.33
(2,1495)	1:114:A:ILE:HG22	1:117:A:VAL:H	15	0.33
(2,1495)	1:114:A:ILE:HG23	1:117:A:VAL:H	15	0.33
(2,1478)	1:42:A:GLU:HA	1:45:A:ALA:HB1	9	0.33
(2,1478)	1:42:A:GLU:HA	1:45:A:ALA:HB2	9	0.33
(2,1478)	1:42:A:GLU:HA	1:45:A:ALA:HB3	9	0.33
(2,1401)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	12	0.33
(2,1401)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	12	0.33
(2,1401)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	12	0.33
(2,1339)	1:103:A:ARG:HG2	1:106:A:ASP:HA	1	0.33
(2,1339)	1:103:A:ARG:HG3	1:106:A:ASP:HA	1	0.33
(2,1264)	1:113:A:PHE:HE1	1:117:A:VAL:HG21	15	0.33
(2,1264)	1:113:A:PHE:HE1	1:117:A:VAL:HG22	15	0.33
(2,1264)	1:113:A:PHE:HE1	1:117:A:VAL:HG23	15	0.33
(2,1264)	1:113:A:PHE:HE2	1:117:A:VAL:HG21	15	0.33
(2,1264)	1:113:A:PHE:HE2	1:117:A:VAL:HG22	15	0.33
(2,1264)	1:113:A:PHE:HE2	1:117:A:VAL:HG23	15	0.33
(2,1249)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	6	0.33
(2,1249)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	6	0.33
(2,1249)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	6	0.33
(2,1230)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	14	0.33
(2,1230)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	14	0.33
(2,1230)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	14	0.33
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD11	2	0.33
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD12	2	0.33
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD13	2	0.33
(2,1116)	1:40:A:LEU:HA	1:43:A:MET:HG3	1	0.33
(2,1031)	1:11:A:ILE:HB	1:44:A:GLU:HB2	8	0.33
(2,1031)	1:11:A:ILE:HB	1:44:A:GLU:HB3	8	0.33
(2,827)	1:114:A:ILE:HA	1:114:A:ILE:HD11	15	0.33
(2,827)	1:114:A:ILE:HA	1:114:A:ILE:HD12	15	0.33
(2,827)	1:114:A:ILE:HA	1:114:A:ILE:HD13	15	0.33
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD21	17	0.33
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD22	17	0.33
(2,626)	1:57:A:LEU:H	1:60:A:LEU:HD23	17	0.33
(2,538)	1:60:A:LEU:HD21	1:61:A:SER:H	16	0.33
(2,538)	1:60:A:LEU:HD22	1:61:A:SER:H	16	0.33
(2,538)	1:60:A:LEU:HD23	1:61:A:SER:H	16	0.33
(2,384)	1:106:A:ASP:H	1:112:A:GLN:HE21	10	0.33
(2,368)	1:132:A:ALA:H	1:133:A:ASN:HD22	13	0.33
(2,174)	1:8:A:ASP:H	1:58:A:ILE:HG13	1	0.33
(2,92)	1:95:A:ILE:HG21	1:97:A:ASP:H	15	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,92)	1:95:A:ILE:HG22	1:97:A:ASP:H	15	0.33
(2,92)	1:95:A:ILE:HG23	1:97:A:ASP:H	15	0.33
(2,13)	1:64:A:LYS:H	1:64:A:LYS:HD2	11	0.33
(2,13)	1:64:A:LYS:H	1:64:A:LYS:HD3	11	0.33
(1,2318)	1:110:A:MET:HG2	1:114:A:ILE:HG12	10	0.33
(1,2318)	1:110:A:MET:HG2	1:114:A:ILE:HG13	10	0.33
(1,2318)	1:110:A:MET:HG3	1:114:A:ILE:HG12	10	0.33
(1,2318)	1:110:A:MET:HG3	1:114:A:ILE:HG13	10	0.33
(1,2134)	1:43:A:MET:H	1:140:A:LEU:HD11	9	0.33
(1,2134)	1:43:A:MET:H	1:140:A:LEU:HD12	9	0.33
(1,2134)	1:43:A:MET:H	1:140:A:LEU:HD13	9	0.33
(1,2134)	1:43:A:MET:H	1:140:A:LEU:HD21	9	0.33
(1,2134)	1:43:A:MET:H	1:140:A:LEU:HD22	9	0.33
(1,2134)	1:43:A:MET:H	1:140:A:LEU:HD23	9	0.33
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD11	12	0.33
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD12	12	0.33
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD13	12	0.33
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD21	12	0.33
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD22	12	0.33
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD23	12	0.33
(1,2024)	1:23:A:LEU:HD11	1:24:A:ASP:H	18	0.33
(1,2024)	1:23:A:LEU:HD12	1:24:A:ASP:H	18	0.33
(1,2024)	1:23:A:LEU:HD13	1:24:A:ASP:H	18	0.33
(1,2024)	1:23:A:LEU:HD21	1:24:A:ASP:H	18	0.33
(1,2024)	1:23:A:LEU:HD22	1:24:A:ASP:H	18	0.33
(1,2024)	1:23:A:LEU:HD23	1:24:A:ASP:H	18	0.33
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	18	0.33
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	18	0.33
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	18	0.33
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	18	0.33
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	18	0.33
(1,2014)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	18	0.33
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	12	0.33
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	12	0.33
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	12	0.33
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	12	0.33
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	12	0.33
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	12	0.33
(1,1915)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	14	0.33
(1,1915)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	14	0.33
(1,1915)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	14	0.33
(1,1915)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	14	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1915)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	14	0.33
(1,1915)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	14	0.33
(1,1864)	1:80:A:TYR:HE1	1:81:A:GLU:HB2	18	0.33
(1,1864)	1:80:A:TYR:HE2	1:81:A:GLU:HB2	18	0.33
(1,1830)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	9	0.33
(1,1830)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	9	0.33
(1,1721)	1:67:A:PRO:HD2	1:95:A:ILE:HA	9	0.33
(1,1629)	1:23:A:LEU:HB2	1:24:A:ASP:HA	9	0.33
(1,1629)	1:23:A:LEU:HB3	1:24:A:ASP:HA	9	0.33
(1,1596)	1:97:A:ASP:H	1:98:A:ILE:HD11	16	0.33
(1,1596)	1:97:A:ASP:H	1:98:A:ILE:HD12	16	0.33
(1,1596)	1:97:A:ASP:H	1:98:A:ILE:HD13	16	0.33
(1,1581)	1:11:A:ILE:HD11	1:12:A:VAL:H	15	0.33
(1,1581)	1:11:A:ILE:HD12	1:12:A:VAL:H	15	0.33
(1,1581)	1:11:A:ILE:HD13	1:12:A:VAL:H	15	0.33
(1,1500)	1:114:A:ILE:HG21	1:117:A:VAL:H	15	0.33
(1,1500)	1:114:A:ILE:HG22	1:117:A:VAL:H	15	0.33
(1,1500)	1:114:A:ILE:HG23	1:117:A:VAL:H	15	0.33
(1,1489)	1:101:A:ILE:HG21	1:115:A:ALA:HA	8	0.33
(1,1489)	1:101:A:ILE:HG22	1:115:A:ALA:HA	8	0.33
(1,1489)	1:101:A:ILE:HG23	1:115:A:ALA:HA	8	0.33
(1,1478)	1:42:A:GLU:HA	1:45:A:ALA:HB1	9	0.33
(1,1478)	1:42:A:GLU:HA	1:45:A:ALA:HB2	9	0.33
(1,1478)	1:42:A:GLU:HA	1:45:A:ALA:HB3	9	0.33
(1,1136)	1:40:A:LEU:HA	1:43:A:MET:HG3	1	0.33
(1,1093)	1:38:A:GLU:HA	1:139:A:LEU:HD11	1	0.33
(1,1093)	1:38:A:GLU:HA	1:139:A:LEU:HD12	1	0.33
(1,1093)	1:38:A:GLU:HA	1:139:A:LEU:HD13	1	0.33
(1,1007)	1:31:A:PRO:HB2	1:143:A:TRP:HE3	1	0.33
(1,1007)	1:31:A:PRO:HB3	1:143:A:TRP:HE3	1	0.33
(1,972)	1:40:A:LEU:HA	1:43:A:MET:HG2	13	0.33
(1,956)	1:63:A:ILE:HG12	1:117:A:VAL:HA	14	0.33
(1,939)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	12	0.33
(1,939)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	12	0.33
(1,939)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	12	0.33
(1,876)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	14	0.33
(1,857)	1:48:A:ARG:HD2	1:49:A:LYS:H	19	0.33
(1,857)	1:48:A:ARG:HD3	1:49:A:LYS:H	19	0.33
(1,821)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	13	0.33
(1,821)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	13	0.33
(1,821)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	13	0.33
(1,803)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	12	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,803)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	12	0.33
(1,803)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	12	0.33
(1,803)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	12	0.33
(1,803)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	12	0.33
(1,803)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	12	0.33
(1,803)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	15	0.33
(1,803)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	15	0.33
(1,803)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	15	0.33
(1,803)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	15	0.33
(1,803)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	15	0.33
(1,803)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	15	0.33
(1,766)	1:38:A:GLU:H	1:41:A:LYS:HG2	4	0.33
(1,727)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	4	0.33
(1,727)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	4	0.33
(1,727)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	4	0.33
(1,391)	1:106:A:ASP:H	1:112:A:GLN:HE21	4	0.33
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB1	7	0.33
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB2	7	0.33
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB3	7	0.33
(1,58)	1:98:A:ILE:H	1:101:A:ILE:HG13	12	0.33
(1,47)	1:98:A:ILE:H	1:105:A:LYS:HA	16	0.33
(1,32)	1:35:A:LEU:H	1:35:A:LEU:HG	10	0.33
(1,11)	1:64:A:LYS:H	1:116:A:GLN:HE21	15	0.33
(1,7)	1:39:A:VAL:HG11	1:143:A:TRP:HE1	13	0.33
(1,7)	1:39:A:VAL:HG12	1:143:A:TRP:HE1	13	0.33
(1,7)	1:39:A:VAL:HG13	1:143:A:TRP:HE1	13	0.33
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG11	10	0.32
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG12	10	0.32
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG13	10	0.32
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG21	10	0.32
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG22	10	0.32
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG23	10	0.32
(34,2357)	1:111:A:GLU:HG2	1:114:A:ILE:HG21	18	0.32
(34,2357)	1:111:A:GLU:HG2	1:114:A:ILE:HG22	18	0.32
(34,2357)	1:111:A:GLU:HG2	1:114:A:ILE:HG23	18	0.32
(34,2357)	1:111:A:GLU:HG3	1:114:A:ILE:HG21	18	0.32
(34,2357)	1:111:A:GLU:HG3	1:114:A:ILE:HG22	18	0.32
(34,2357)	1:111:A:GLU:HG3	1:114:A:ILE:HG23	18	0.32
(34,2333)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	16	0.32
(34,2333)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	16	0.32
(34,2333)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	16	0.32
(34,2333)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	16	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2333)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	16	0.32
(34,2333)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	16	0.32
(34,2333)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	16	0.32
(34,2333)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	16	0.32
(34,2333)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	16	0.32
(34,2333)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	16	0.32
(34,2333)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	16	0.32
(34,2333)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	16	0.32
(34,2332)	1:107:A:LEU:HD11	1:108:A:GLU:H	5	0.32
(34,2332)	1:107:A:LEU:HD12	1:108:A:GLU:H	5	0.32
(34,2332)	1:107:A:LEU:HD13	1:108:A:GLU:H	5	0.32
(34,2332)	1:107:A:LEU:HD21	1:108:A:GLU:H	5	0.32
(34,2332)	1:107:A:LEU:HD22	1:108:A:GLU:H	5	0.32
(34,2332)	1:107:A:LEU:HD23	1:108:A:GLU:H	5	0.32
(34,2302)	1:98:A:ILE:HD11	1:116:A:GLN:HE21	10	0.32
(34,2302)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	10	0.32
(34,2302)	1:98:A:ILE:HD12	1:116:A:GLN:HE21	10	0.32
(34,2302)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	10	0.32
(34,2302)	1:98:A:ILE:HD13	1:116:A:GLN:HE21	10	0.32
(34,2302)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	10	0.32
(34,2287)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	1	0.32
(34,2287)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	1	0.32
(34,2287)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	1	0.32
(34,2287)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	1	0.32
(34,2287)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	1	0.32
(34,2287)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	1	0.32
(34,2287)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	1	0.32
(34,2287)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	1	0.32
(34,2287)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	1	0.32
(34,2287)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	1	0.32
(34,2287)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	1	0.32
(34,2287)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	1	0.32
(34,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HA	11	0.32
(34,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HA	11	0.32
(34,2153)	1:43:A:MET:HE1	1:46:A:ASN:HD21	7	0.32
(34,2153)	1:43:A:MET:HE1	1:46:A:ASN:HD22	7	0.32
(34,2153)	1:43:A:MET:HE2	1:46:A:ASN:HD21	7	0.32
(34,2153)	1:43:A:MET:HE2	1:46:A:ASN:HD22	7	0.32
(34,2153)	1:43:A:MET:HE3	1:46:A:ASN:HD21	7	0.32
(34,2153)	1:43:A:MET:HE3	1:46:A:ASN:HD22	7	0.32
(34,2085)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	9	0.32
(34,2085)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	9	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2085)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	9	0.32
(34,2085)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	9	0.32
(34,2085)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	9	0.32
(34,2085)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	9	0.32
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD11	5	0.32
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD12	5	0.32
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD13	5	0.32
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD21	5	0.32
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD22	5	0.32
(34,2041)	1:21:A:THR:HB	1:23:A:LEU:HD23	5	0.32
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	3	0.32
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	3	0.32
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	3	0.32
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	3	0.32
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	3	0.32
(34,2033)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	3	0.32
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	3	0.32
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	3	0.32
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	3	0.32
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	3	0.32
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	3	0.32
(34,2033)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	3	0.32
(34,2028)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	13	0.32
(34,2028)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	13	0.32
(34,2028)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	13	0.32
(34,2028)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	13	0.32
(34,2028)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	13	0.32
(34,2028)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	13	0.32
(34,2028)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	13	0.32
(34,2028)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	13	0.32
(34,2028)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	13	0.32
(34,2028)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	13	0.32
(34,2028)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	13	0.32
(34,2028)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	13	0.32
(34,1996)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	1	0.32
(34,1996)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	1	0.32
(34,1996)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	1	0.32
(34,1996)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	1	0.32
(34,1996)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	1	0.32
(34,1996)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	1	0.32
(34,1996)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	1	0.32
(34,1996)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	1	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1996)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	1	0.32
(34,1996)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	1	0.32
(34,1996)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	1	0.32
(34,1996)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	1	0.32
(34,1934)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	10	0.32
(34,1934)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	10	0.32
(34,1934)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	10	0.32
(34,1934)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	10	0.32
(34,1934)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	10	0.32
(34,1934)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	10	0.32
(34,1934)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	19	0.32
(34,1934)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	19	0.32
(34,1934)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	19	0.32
(34,1934)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	19	0.32
(34,1934)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	19	0.32
(34,1934)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	19	0.32
(34,1911)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	19	0.32
(34,1911)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	19	0.32
(34,1881)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	11	0.32
(34,1881)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	11	0.32
(34,1881)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	11	0.32
(34,1881)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	11	0.32
(34,1881)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	11	0.32
(34,1881)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	11	0.32
(34,1697)	1:69:A:MET:HG3	1:109:A:PRO:HA	8	0.32
(34,1613)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	7	0.32
(34,1613)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	7	0.32
(34,1613)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	7	0.32
(34,1613)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	7	0.32
(34,1613)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	7	0.32
(34,1613)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	7	0.32
(34,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE1	7	0.32
(34,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE2	7	0.32
(34,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE3	7	0.32
(34,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE1	7	0.32
(34,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE2	7	0.32
(34,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE3	7	0.32
(34,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE1	7	0.32
(34,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE2	7	0.32
(34,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE3	7	0.32
(34,1463)	1:47:A:ALA:HA	1:50:A:ALA:HB1	5	0.32
(34,1463)	1:47:A:ALA:HA	1:50:A:ALA:HB2	5	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1463)	1:47:A:ALA:HA	1:50:A:ALA:HB3	5	0.32
(34,1457)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	8	0.32
(34,1457)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	8	0.32
(34,1445)	1:119:A:LEU:HA	1:121:A:VAL:HG21	16	0.32
(34,1445)	1:119:A:LEU:HA	1:121:A:VAL:HG22	16	0.32
(34,1445)	1:119:A:LEU:HA	1:121:A:VAL:HG23	16	0.32
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	7	0.32
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	7	0.32
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	7	0.32
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	7	0.32
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	7	0.32
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	7	0.32
(34,1415)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	15	0.32
(34,1415)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	15	0.32
(34,1415)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	15	0.32
(34,1415)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	15	0.32
(34,1415)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	15	0.32
(34,1415)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	15	0.32
(34,1415)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	15	0.32
(34,1415)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	15	0.32
(34,1415)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	15	0.32
(34,1362)	1:17:A:ASN:HA	1:76:A:ARG:HA	4	0.32
(34,1346)	1:8:A:ASP:HA	1:9:A:PHE:H	12	0.32
(34,1294)	1:11:A:ILE:HG21	1:15:A:ALA:HA	1	0.32
(34,1294)	1:11:A:ILE:HG22	1:15:A:ALA:HA	1	0.32
(34,1294)	1:11:A:ILE:HG23	1:15:A:ALA:HA	1	0.32
(34,1293)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	12	0.32
(34,1293)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	12	0.32
(34,1293)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	12	0.32
(34,1293)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	12	0.32
(34,1293)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	12	0.32
(34,1293)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	12	0.32
(34,1281)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	8	0.32
(34,1281)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	8	0.32
(34,1281)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	8	0.32
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD11	18	0.32
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD12	18	0.32
(34,1257)	1:140:A:LEU:HA	1:144:A:LEU:HD13	18	0.32
(34,1202)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	17	0.32
(34,1202)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	17	0.32
(34,1202)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	17	0.32
(34,1195)	1:140:A:LEU:HA	1:140:A:LEU:HD21	13	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1195)	1:140:A:LEU:HA	1:140:A:LEU:HD22	13	0.32
(34,1195)	1:140:A:LEU:HA	1:140:A:LEU:HD23	13	0.32
(34,1177)	1:145:A:PRO:HB2	1:146:A:GLN:HA	12	0.32
(34,1164)	1:138:A:ASP:HA	1:141:A:LYS:H	12	0.32
(34,1140)	1:41:A:LYS:HA	1:44:A:GLU:HG2	9	0.32
(34,1102)	1:54:A:ARG:HA	1:57:A:LEU:HD21	17	0.32
(34,1102)	1:54:A:ARG:HA	1:57:A:LEU:HD22	17	0.32
(34,1102)	1:54:A:ARG:HA	1:57:A:LEU:HD23	17	0.32
(34,1044)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	7	0.32
(34,1044)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	7	0.32
(34,1044)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	7	0.32
(34,1044)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	7	0.32
(34,974)	1:39:A:VAL:HA	1:43:A:MET:HG3	15	0.32
(34,807)	1:55:A:GLY:H	1:58:A:ILE:HD11	13	0.32
(34,807)	1:55:A:GLY:H	1:58:A:ILE:HD12	13	0.32
(34,807)	1:55:A:GLY:H	1:58:A:ILE:HD13	13	0.32
(34,786)	1:101:A:ILE:HD11	1:119:A:LEU:HG	1	0.32
(34,786)	1:101:A:ILE:HD12	1:119:A:LEU:HG	1	0.32
(34,786)	1:101:A:ILE:HD13	1:119:A:LEU:HG	1	0.32
(34,666)	1:101:A:ILE:HB	1:103:A:ARG:H	9	0.32
(34,599)	1:70:A:LYS:HB2	1:75:A:GLY:H	6	0.32
(34,599)	1:70:A:LYS:HB3	1:75:A:GLY:H	6	0.32
(34,594)	1:126:A:GLY:H	1:128:A:LEU:HB2	5	0.32
(34,594)	1:126:A:GLY:H	1:128:A:LEU:HB2	17	0.32
(34,505)	1:97:A:ASP:HB2	1:105:A:LYS:H	10	0.32
(34,505)	1:97:A:ASP:HB3	1:105:A:LYS:H	10	0.32
(34,394)	1:106:A:ASP:H	1:112:A:GLN:HE21	11	0.32
(34,394)	1:106:A:ASP:H	1:112:A:GLN:HE21	18	0.32
(34,354)	1:122:A:ASP:HB3	1:123:A:CYS:H	3	0.32
(34,239)	1:11:A:ILE:HB	1:44:A:GLU:H	1	0.32
(34,107)	1:67:A:PRO:HD2	1:69:A:MET:H	5	0.32
(34,74)	1:22:A:ASP:HA	1:23:A:LEU:H	6	0.32
(34,65)	1:81:A:GLU:H	1:81:A:GLU:HB3	8	0.32
(34,65)	1:81:A:GLU:H	1:81:A:GLU:HB3	12	0.32
(33,2475)	1:139:A:LEU:HD11	1:144:A:LEU:H	14	0.32
(33,2475)	1:139:A:LEU:HD12	1:144:A:LEU:H	14	0.32
(33,2475)	1:139:A:LEU:HD13	1:144:A:LEU:H	14	0.32
(33,2475)	1:139:A:LEU:HD21	1:144:A:LEU:H	14	0.32
(33,2475)	1:139:A:LEU:HD22	1:144:A:LEU:H	14	0.32
(33,2475)	1:139:A:LEU:HD23	1:144:A:LEU:H	14	0.32
(33,2352)	1:111:A:GLU:HG2	1:114:A:ILE:HG21	18	0.32
(33,2352)	1:111:A:GLU:HG2	1:114:A:ILE:HG22	18	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2352)	1:111:A:GLU:HG2	1:114:A:ILE:HG23	18	0.32
(33,2352)	1:111:A:GLU:HG3	1:114:A:ILE:HG21	18	0.32
(33,2352)	1:111:A:GLU:HG3	1:114:A:ILE:HG22	18	0.32
(33,2352)	1:111:A:GLU:HG3	1:114:A:ILE:HG23	18	0.32
(33,2308)	1:98:A:ILE:HD11	1:116:A:GLN:HE21	10	0.32
(33,2308)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	10	0.32
(33,2308)	1:98:A:ILE:HD12	1:116:A:GLN:HE21	10	0.32
(33,2308)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	10	0.32
(33,2308)	1:98:A:ILE:HD13	1:116:A:GLN:HE21	10	0.32
(33,2308)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	10	0.32
(33,2232)	1:65:A:CYS:HB2	1:70:A:LYS:HA	11	0.32
(33,2232)	1:65:A:CYS:HB3	1:70:A:LYS:HA	11	0.32
(33,2205)	1:60:A:LEU:HD11	1:120:A:CYS:HA	5	0.32
(33,2205)	1:60:A:LEU:HD12	1:120:A:CYS:HA	5	0.32
(33,2205)	1:60:A:LEU:HD13	1:120:A:CYS:HA	5	0.32
(33,2205)	1:60:A:LEU:HD21	1:120:A:CYS:HA	5	0.32
(33,2205)	1:60:A:LEU:HD22	1:120:A:CYS:HA	5	0.32
(33,2205)	1:60:A:LEU:HD23	1:120:A:CYS:HA	5	0.32
(33,2134)	1:40:A:LEU:HD11	1:43:A:MET:H	18	0.32
(33,2134)	1:40:A:LEU:HD12	1:43:A:MET:H	18	0.32
(33,2134)	1:40:A:LEU:HD13	1:43:A:MET:H	18	0.32
(33,2134)	1:40:A:LEU:HD21	1:43:A:MET:H	18	0.32
(33,2134)	1:40:A:LEU:HD22	1:43:A:MET:H	18	0.32
(33,2134)	1:40:A:LEU:HD23	1:43:A:MET:H	18	0.32
(33,2115)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	12	0.32
(33,2115)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	12	0.32
(33,2115)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	12	0.32
(33,2115)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	12	0.32
(33,2115)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	12	0.32
(33,2115)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	12	0.32
(33,2115)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	12	0.32
(33,2115)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	12	0.32
(33,2115)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	12	0.32
(33,2115)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	12	0.32
(33,2115)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	12	0.32
(33,2115)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	12	0.32
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD11	11	0.32
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD12	11	0.32
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD13	11	0.32
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD21	11	0.32
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD22	11	0.32
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD23	11	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD11	8	0.32
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD12	8	0.32
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD13	8	0.32
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD21	8	0.32
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD22	8	0.32
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD23	8	0.32
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	9	0.32
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	9	0.32
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	9	0.32
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	9	0.32
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	9	0.32
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	9	0.32
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	9	0.32
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	9	0.32
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	9	0.32
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	9	0.32
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	9	0.32
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	9	0.32
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE1	9	0.32
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE2	9	0.32
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE3	9	0.32
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE1	9	0.32
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE2	9	0.32
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE3	9	0.32
(33,1996)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	12	0.32
(33,1996)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	12	0.32
(33,1996)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	12	0.32
(33,1996)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	12	0.32
(33,1996)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	12	0.32
(33,1996)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	12	0.32
(33,1996)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	12	0.32
(33,1996)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	12	0.32
(33,1996)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	12	0.32
(33,1996)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	12	0.32
(33,1996)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	12	0.32
(33,1996)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	12	0.32
(33,1996)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	12	0.32
(33,1996)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	12	0.32
(33,1996)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	12	0.32
(33,1996)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	12	0.32
(33,1996)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	12	0.32
(33,1996)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	12	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1996)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	12	0.32
(33,1996)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	12	0.32
(33,1996)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	12	0.32
(33,1996)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	12	0.32
(33,1996)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	12	0.32
(33,1996)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	12	0.32
(33,1996)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	12	0.32
(33,1996)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	12	0.32
(33,1996)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	12	0.32
(33,1996)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	12	0.32
(33,1996)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	12	0.32
(33,1996)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	12	0.32
(33,1996)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	12	0.32
(33,1996)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	12	0.32
(33,1996)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	12	0.32
(33,1996)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	12	0.32
(33,1996)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	12	0.32
(33,1996)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	12	0.32
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	4	0.32
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	4	0.32
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	4	0.32
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	4	0.32
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	4	0.32
(33,1928)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	4	0.32
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	4	0.32
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	4	0.32
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	4	0.32
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	4	0.32
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	4	0.32
(33,1928)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	4	0.32
(33,1896)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	13	0.32
(33,1896)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	13	0.32
(33,1896)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	13	0.32
(33,1896)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	13	0.32
(33,1896)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	13	0.32
(33,1896)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	13	0.32
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	17	0.32
(33,1843)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	17	0.32
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	17	0.32
(33,1843)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	17	0.32
(33,1620)	1:31:A:PRO:HG2	1:80:A:TYR:HB3	11	0.32
(33,1620)	1:31:A:PRO:HG3	1:80:A:TYR:HB3	11	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1510)	1:69:A:MET:HE1	1:116:A:GLN:HE21	12	0.32
(33,1510)	1:69:A:MET:HE2	1:116:A:GLN:HE21	12	0.32
(33,1510)	1:69:A:MET:HE3	1:116:A:GLN:HE21	12	0.32
(33,1509)	1:69:A:MET:HE1	1:115:A:ALA:H	15	0.32
(33,1509)	1:69:A:MET:HE2	1:115:A:ALA:H	15	0.32
(33,1509)	1:69:A:MET:HE3	1:115:A:ALA:H	15	0.32
(33,1509)	1:69:A:MET:HE1	1:115:A:ALA:H	16	0.32
(33,1509)	1:69:A:MET:HE2	1:115:A:ALA:H	16	0.32
(33,1509)	1:69:A:MET:HE3	1:115:A:ALA:H	16	0.32
(33,1446)	1:47:A:ALA:HA	1:50:A:ALA:HB1	5	0.32
(33,1446)	1:47:A:ALA:HA	1:50:A:ALA:HB2	5	0.32
(33,1446)	1:47:A:ALA:HA	1:50:A:ALA:HB3	5	0.32
(33,1442)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	8	0.32
(33,1442)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	8	0.32
(33,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG21	16	0.32
(33,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG22	16	0.32
(33,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG23	16	0.32
(33,1398)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	15	0.32
(33,1398)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	15	0.32
(33,1398)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	15	0.32
(33,1398)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	15	0.32
(33,1398)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	15	0.32
(33,1398)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	15	0.32
(33,1398)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	15	0.32
(33,1398)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	15	0.32
(33,1398)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	15	0.32
(33,1378)	1:103:A:ARG:HD2	1:107:A:LEU:HD11	12	0.32
(33,1378)	1:103:A:ARG:HD2	1:107:A:LEU:HD12	12	0.32
(33,1378)	1:103:A:ARG:HD2	1:107:A:LEU:HD13	12	0.32
(33,1378)	1:103:A:ARG:HD3	1:107:A:LEU:HD11	12	0.32
(33,1378)	1:103:A:ARG:HD3	1:107:A:LEU:HD12	12	0.32
(33,1378)	1:103:A:ARG:HD3	1:107:A:LEU:HD13	12	0.32
(33,1328)	1:8:A:ASP:HA	1:9:A:PHE:H	12	0.32
(33,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD11	2	0.32
(33,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD12	2	0.32
(33,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD13	2	0.32
(33,1154)	1:145:A:PRO:HB2	1:146:A:GLN:HA	12	0.32
(33,1135)	1:138:A:ASP:HA	1:141:A:LYS:H	12	0.32
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD11	18	0.32
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD12	18	0.32
(33,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD13	18	0.32
(33,1115)	1:105:A:LYS:HA	1:105:A:LYS:HG3	12	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1056)	1:43:A:MET:HB2	1:140:A:LEU:HG	2	0.32
(33,1056)	1:43:A:MET:HB2	1:140:A:LEU:HG	3	0.32
(33,1056)	1:43:A:MET:HB2	1:140:A:LEU:HG	16	0.32
(33,968)	1:96:A:VAL:H	1:96:A:VAL:HB	10	0.32
(33,926)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	2	0.32
(33,926)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	2	0.32
(33,926)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	2	0.32
(33,926)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	11	0.32
(33,926)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	11	0.32
(33,926)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	11	0.32
(33,905)	1:21:A:THR:HB	1:22:A:ASP:H	10	0.32
(33,814)	1:64:A:LYS:H	1:98:A:ILE:HD11	11	0.32
(33,814)	1:64:A:LYS:H	1:98:A:ILE:HD12	11	0.32
(33,814)	1:64:A:LYS:H	1:98:A:ILE:HD13	11	0.32
(33,760)	1:42:A:GLU:H	1:42:A:GLU:HB3	9	0.32
(33,742)	1:105:A:LYS:HG3	1:112:A:GLN:HE22	3	0.32
(33,707)	1:24:A:ASP:HA	1:27:A:ARG:HE	12	0.32
(33,547)	1:124:A:THR:H	1:127:A:CYS:HB3	2	0.32
(33,388)	1:106:A:ASP:H	1:112:A:GLN:HE21	11	0.32
(33,388)	1:106:A:ASP:H	1:112:A:GLN:HE21	18	0.32
(33,374)	1:41:A:LYS:H	1:44:A:GLU:HB2	18	0.32
(33,374)	1:41:A:LYS:H	1:44:A:GLU:HB3	18	0.32
(33,318)	1:56:A:CYS:HA	1:122:A:ASP:H	4	0.32
(33,318)	1:56:A:CYS:HA	1:122:A:ASP:H	9	0.32
(33,80)	1:22:A:ASP:HA	1:23:A:LEU:H	6	0.32
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD11	8	0.32
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD12	8	0.32
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD13	8	0.32
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD21	8	0.32
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD22	8	0.32
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD23	8	0.32
(32,2365)	1:116:A:GLN:HG2	1:117:A:VAL:HA	8	0.32
(32,2365)	1:116:A:GLN:HG3	1:117:A:VAL:HA	8	0.32
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD11	11	0.32
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD12	11	0.32
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD13	11	0.32
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD21	11	0.32
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD22	11	0.32
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD23	11	0.32
(32,2290)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	18	0.32
(32,2290)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	18	0.32
(32,2290)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	18	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2290)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	18	0.32
(32,2290)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	18	0.32
(32,2290)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	18	0.32
(32,2290)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	18	0.32
(32,2290)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	18	0.32
(32,2290)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	18	0.32
(32,2290)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	18	0.32
(32,2290)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	18	0.32
(32,2290)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	18	0.32
(32,2285)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	5	0.32
(32,2285)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	5	0.32
(32,2285)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	5	0.32
(32,2285)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	5	0.32
(32,2285)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	5	0.32
(32,2285)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	5	0.32
(32,2285)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	5	0.32
(32,2285)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	5	0.32
(32,2285)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	5	0.32
(32,2285)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	5	0.32
(32,2285)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	5	0.32
(32,2285)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	5	0.32
(32,2226)	1:65:A:CYS:HB2	1:70:A:LYS:HA	11	0.32
(32,2226)	1:65:A:CYS:HB3	1:70:A:LYS:HA	11	0.32
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD11	17	0.32
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD12	17	0.32
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD13	17	0.32
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD21	17	0.32
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD22	17	0.32
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD23	17	0.32
(32,2173)	1:54:A:ARG:HA	1:57:A:LEU:HD11	6	0.32
(32,2173)	1:54:A:ARG:HA	1:57:A:LEU:HD12	6	0.32
(32,2173)	1:54:A:ARG:HA	1:57:A:LEU:HD13	6	0.32
(32,2173)	1:54:A:ARG:HA	1:57:A:LEU:HD21	6	0.32
(32,2173)	1:54:A:ARG:HA	1:57:A:LEU:HD22	6	0.32
(32,2173)	1:54:A:ARG:HA	1:57:A:LEU:HD23	6	0.32
(32,2136)	1:43:A:MET:HE1	1:131:A:LEU:HD11	1	0.32
(32,2136)	1:43:A:MET:HE1	1:131:A:LEU:HD12	1	0.32
(32,2136)	1:43:A:MET:HE1	1:131:A:LEU:HD13	1	0.32
(32,2136)	1:43:A:MET:HE1	1:131:A:LEU:HD21	1	0.32
(32,2136)	1:43:A:MET:HE1	1:131:A:LEU:HD22	1	0.32
(32,2136)	1:43:A:MET:HE1	1:131:A:LEU:HD23	1	0.32
(32,2136)	1:43:A:MET:HE2	1:131:A:LEU:HD11	1	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2136)	1:43:A:MET:HE2	1:131:A:LEU:HD12	1	0.32
(32,2136)	1:43:A:MET:HE2	1:131:A:LEU:HD13	1	0.32
(32,2136)	1:43:A:MET:HE2	1:131:A:LEU:HD21	1	0.32
(32,2136)	1:43:A:MET:HE2	1:131:A:LEU:HD22	1	0.32
(32,2136)	1:43:A:MET:HE2	1:131:A:LEU:HD23	1	0.32
(32,2136)	1:43:A:MET:HE3	1:131:A:LEU:HD11	1	0.32
(32,2136)	1:43:A:MET:HE3	1:131:A:LEU:HD12	1	0.32
(32,2136)	1:43:A:MET:HE3	1:131:A:LEU:HD13	1	0.32
(32,2136)	1:43:A:MET:HE3	1:131:A:LEU:HD21	1	0.32
(32,2136)	1:43:A:MET:HE3	1:131:A:LEU:HD22	1	0.32
(32,2136)	1:43:A:MET:HE3	1:131:A:LEU:HD23	1	0.32
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD11	13	0.32
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD12	13	0.32
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD13	13	0.32
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD21	13	0.32
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD22	13	0.32
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD23	13	0.32
(32,2091)	1:39:A:VAL:HG11	1:43:A:MET:HB2	17	0.32
(32,2091)	1:39:A:VAL:HG12	1:43:A:MET:HB2	17	0.32
(32,2091)	1:39:A:VAL:HG13	1:43:A:MET:HB2	17	0.32
(32,2091)	1:39:A:VAL:HG21	1:43:A:MET:HB2	17	0.32
(32,2091)	1:39:A:VAL:HG22	1:43:A:MET:HB2	17	0.32
(32,2091)	1:39:A:VAL:HG23	1:43:A:MET:HB2	17	0.32
(32,2010)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	6	0.32
(32,2010)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	6	0.32
(32,2010)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	6	0.32
(32,2010)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	6	0.32
(32,1994)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	9	0.32
(32,1994)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	9	0.32
(32,1994)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	9	0.32
(32,1994)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	9	0.32
(32,1994)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	9	0.32
(32,1994)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	9	0.32
(32,1994)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	9	0.32
(32,1994)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	9	0.32
(32,1994)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	9	0.32
(32,1994)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	9	0.32
(32,1994)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	9	0.32
(32,1994)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	9	0.32
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE1	4	0.32
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE2	4	0.32
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE1	4	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE2	4	0.32
(32,1954)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	1	0.32
(32,1954)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	1	0.32
(32,1954)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	1	0.32
(32,1954)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	1	0.32
(32,1954)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	1	0.32
(32,1954)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	1	0.32
(32,1954)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	1	0.32
(32,1954)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	1	0.32
(32,1954)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	1	0.32
(32,1954)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	1	0.32
(32,1954)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	1	0.32
(32,1954)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	1	0.32
(32,1845)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	19	0.32
(32,1845)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	19	0.32
(32,1845)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	19	0.32
(32,1845)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	19	0.32
(32,1845)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	19	0.32
(32,1845)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	19	0.32
(32,1654)	1:43:A:MET:HG2	1:43:A:MET:HE1	16	0.32
(32,1654)	1:43:A:MET:HG2	1:43:A:MET:HE2	16	0.32
(32,1654)	1:43:A:MET:HG2	1:43:A:MET:HE3	16	0.32
(32,1559)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	7	0.32
(32,1559)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	7	0.32
(32,1559)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	7	0.32
(32,1559)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	7	0.32
(32,1559)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	7	0.32
(32,1559)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	7	0.32
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	16	0.32
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	16	0.32
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	16	0.32
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	16	0.32
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	16	0.32
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	16	0.32
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	17	0.32
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	17	0.32
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	17	0.32
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	17	0.32
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	17	0.32
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	17	0.32
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE1	17	0.32
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE2	17	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE3	17	0.32
(32,1296)	1:8:A:ASP:HA	1:9:A:PHE:H	12	0.32
(32,1224)	1:23:A:LEU:HD11	1:24:A:ASP:H	1	0.32
(32,1224)	1:23:A:LEU:HD12	1:24:A:ASP:H	1	0.32
(32,1224)	1:23:A:LEU:HD13	1:24:A:ASP:H	1	0.32
(32,1216)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	2	0.32
(32,1216)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	2	0.32
(32,1216)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	2	0.32
(32,1216)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	2	0.32
(32,1216)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	2	0.32
(32,1216)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	2	0.32
(32,1216)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	2	0.32
(32,1216)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	2	0.32
(32,1216)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	2	0.32
(32,1147)	1:100:A:ALA:HB1	1:119:A:LEU:HD21	8	0.32
(32,1147)	1:100:A:ALA:HB1	1:119:A:LEU:HD22	8	0.32
(32,1147)	1:100:A:ALA:HB1	1:119:A:LEU:HD23	8	0.32
(32,1147)	1:100:A:ALA:HB2	1:119:A:LEU:HD21	8	0.32
(32,1147)	1:100:A:ALA:HB2	1:119:A:LEU:HD22	8	0.32
(32,1147)	1:100:A:ALA:HB2	1:119:A:LEU:HD23	8	0.32
(32,1147)	1:100:A:ALA:HB3	1:119:A:LEU:HD21	8	0.32
(32,1147)	1:100:A:ALA:HB3	1:119:A:LEU:HD22	8	0.32
(32,1147)	1:100:A:ALA:HB3	1:119:A:LEU:HD23	8	0.32
(32,1131)	1:140:A:LEU:HA	1:140:A:LEU:HD21	13	0.32
(32,1131)	1:140:A:LEU:HA	1:140:A:LEU:HD22	13	0.32
(32,1131)	1:140:A:LEU:HA	1:140:A:LEU:HD23	13	0.32
(32,1085)	1:66:A:THR:HG21	1:105:A:LYS:HA	18	0.32
(32,1085)	1:66:A:THR:HG22	1:105:A:LYS:HA	18	0.32
(32,1085)	1:66:A:THR:HG23	1:105:A:LYS:HA	18	0.32
(32,987)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	7	0.32
(32,987)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	7	0.32
(32,987)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	7	0.32
(32,987)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	7	0.32
(32,925)	1:39:A:VAL:HA	1:43:A:MET:HG3	15	0.32
(32,820)	1:48:A:ARG:HA	1:48:A:ARG:HD2	17	0.32
(32,820)	1:48:A:ARG:HA	1:48:A:ARG:HD3	17	0.32
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	11	0.32
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	11	0.32
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	11	0.32
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	11	0.32
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	11	0.32
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	11	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	11	0.32
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	11	0.32
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	11	0.32
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	18	0.32
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	18	0.32
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	18	0.32
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	18	0.32
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	18	0.32
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	18	0.32
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	18	0.32
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	18	0.32
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	18	0.32
(32,793)	1:64:A:LYS:H	1:98:A:ILE:HD11	11	0.32
(32,793)	1:64:A:LYS:H	1:98:A:ILE:HD12	11	0.32
(32,793)	1:64:A:LYS:H	1:98:A:ILE:HD13	11	0.32
(32,689)	1:24:A:ASP:HA	1:27:A:ARG:HE	12	0.32
(32,614)	1:57:A:LEU:H	1:58:A:ILE:HD11	13	0.32
(32,614)	1:57:A:LEU:H	1:58:A:ILE:HD12	13	0.32
(32,614)	1:57:A:LEU:H	1:58:A:ILE:HD13	13	0.32
(32,535)	1:124:A:THR:H	1:127:A:CYS:HB3	2	0.32
(32,517)	1:71:A:LYS:HG3	1:72:A:PHE:H	2	0.32
(32,517)	1:71:A:LYS:HG3	1:72:A:PHE:H	16	0.32
(32,377)	1:106:A:ASP:H	1:112:A:GLN:HE21	11	0.32
(32,377)	1:106:A:ASP:H	1:112:A:GLN:HE21	18	0.32
(32,224)	1:10:A:ASN:H	1:13:A:ALA:HB1	11	0.32
(32,224)	1:10:A:ASN:H	1:13:A:ALA:HB2	11	0.32
(32,224)	1:10:A:ASN:H	1:13:A:ALA:HB3	11	0.32
(32,70)	1:22:A:ASP:HA	1:23:A:LEU:H	6	0.32
(30,2365)	1:111:A:GLU:HG2	1:114:A:ILE:HG21	18	0.32
(30,2365)	1:111:A:GLU:HG2	1:114:A:ILE:HG22	18	0.32
(30,2365)	1:111:A:GLU:HG2	1:114:A:ILE:HG23	18	0.32
(30,2365)	1:111:A:GLU:HG3	1:114:A:ILE:HG21	18	0.32
(30,2365)	1:111:A:GLU:HG3	1:114:A:ILE:HG22	18	0.32
(30,2365)	1:111:A:GLU:HG3	1:114:A:ILE:HG23	18	0.32
(30,2346)	1:107:A:LEU:HD11	1:112:A:GLN:HA	18	0.32
(30,2346)	1:107:A:LEU:HD12	1:112:A:GLN:HA	18	0.32
(30,2346)	1:107:A:LEU:HD13	1:112:A:GLN:HA	18	0.32
(30,2346)	1:107:A:LEU:HD21	1:112:A:GLN:HA	18	0.32
(30,2346)	1:107:A:LEU:HD22	1:112:A:GLN:HA	18	0.32
(30,2346)	1:107:A:LEU:HD23	1:112:A:GLN:HA	18	0.32
(30,2232)	1:65:A:CYS:HB2	1:70:A:LYS:HA	11	0.32
(30,2232)	1:65:A:CYS:HB3	1:70:A:LYS:HA	11	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD11	5	0.32
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD12	5	0.32
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD13	5	0.32
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD21	5	0.32
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD22	5	0.32
(30,2026)	1:21:A:THR:HB	1:23:A:LEU:HD23	5	0.32
(30,1746)	1:31:A:PRO:HB2	1:35:A:LEU:HA	5	0.32
(30,1746)	1:31:A:PRO:HB3	1:35:A:LEU:HA	5	0.32
(30,1710)	1:141:A:LYS:HA	1:145:A:PRO:HD3	18	0.32
(30,1649)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	2	0.32
(30,1649)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	2	0.32
(30,1649)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	2	0.32
(30,1649)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	2	0.32
(30,1649)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	2	0.32
(30,1649)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	2	0.32
(30,1649)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	13	0.32
(30,1649)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	13	0.32
(30,1649)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	13	0.32
(30,1649)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	13	0.32
(30,1649)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	13	0.32
(30,1649)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	13	0.32
(30,1599)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	7	0.32
(30,1599)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	7	0.32
(30,1599)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	7	0.32
(30,1599)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	7	0.32
(30,1599)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	7	0.32
(30,1599)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	7	0.32
(30,1322)	1:8:A:ASP:HA	1:9:A:PHE:H	12	0.32
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD11	15	0.32
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD12	15	0.32
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD13	15	0.32
(30,1113)	1:143:A:TRP:HA	1:143:A:TRP:HE3	2	0.32
(30,1087)	1:136:A:CYS:HB3	1:141:A:LYS:HA	16	0.32
(30,1031)	1:11:A:ILE:HA	1:11:A:ILE:HD11	13	0.32
(30,1031)	1:11:A:ILE:HA	1:11:A:ILE:HD12	13	0.32
(30,1031)	1:11:A:ILE:HA	1:11:A:ILE:HD13	13	0.32
(30,1007)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	7	0.32
(30,1007)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	7	0.32
(30,1007)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	7	0.32
(30,1007)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	7	0.32
(30,923)	1:81:A:GLU:HA	1:81:A:GLU:HG2	2	0.32
(30,923)	1:81:A:GLU:HA	1:81:A:GLU:HG3	2	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,923)	1:81:A:GLU:HA	1:81:A:GLU:HG2	3	0.32
(30,923)	1:81:A:GLU:HA	1:81:A:GLU:HG3	3	0.32
(30,923)	1:81:A:GLU:HA	1:81:A:GLU:HG2	14	0.32
(30,923)	1:81:A:GLU:HA	1:81:A:GLU:HG3	14	0.32
(30,919)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	7	0.32
(30,919)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	7	0.32
(30,919)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	7	0.32
(30,919)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	7	0.32
(30,919)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	7	0.32
(30,919)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	7	0.32
(30,856)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	13	0.32
(30,856)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	13	0.32
(30,839)	1:48:A:ARG:HA	1:48:A:ARG:HD2	17	0.32
(30,839)	1:48:A:ARG:HA	1:48:A:ARG:HD3	17	0.32
(30,808)	1:64:A:LYS:H	1:98:A:ILE:HD11	11	0.32
(30,808)	1:64:A:LYS:H	1:98:A:ILE:HD12	11	0.32
(30,808)	1:64:A:LYS:H	1:98:A:ILE:HD13	11	0.32
(30,774)	1:101:A:ILE:HD11	1:119:A:LEU:HG	1	0.32
(30,774)	1:101:A:ILE:HD12	1:119:A:LEU:HG	1	0.32
(30,774)	1:101:A:ILE:HD13	1:119:A:LEU:HG	1	0.32
(30,769)	1:101:A:ILE:HD11	1:115:A:ALA:H	10	0.32
(30,769)	1:101:A:ILE:HD12	1:115:A:ALA:H	10	0.32
(30,769)	1:101:A:ILE:HD13	1:115:A:ALA:H	10	0.32
(30,705)	1:24:A:ASP:HA	1:27:A:ARG:HE	12	0.32
(30,546)	1:124:A:THR:H	1:127:A:CYS:HB3	2	0.32
(30,235)	1:10:A:ASN:H	1:13:A:ALA:HB1	11	0.32
(30,235)	1:10:A:ASN:H	1:13:A:ALA:HB2	11	0.32
(30,235)	1:10:A:ASN:H	1:13:A:ALA:HB3	11	0.32
(30,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	12	0.32
(30,152)	1:131:A:LEU:H	1:131:A:LEU:HG	7	0.32
(30,8)	1:64:A:LYS:H	1:116:A:GLN:HE21	8	0.32
(29,2417)	1:139:A:LEU:HD11	1:144:A:LEU:H	14	0.32
(29,2417)	1:139:A:LEU:HD12	1:144:A:LEU:H	14	0.32
(29,2417)	1:139:A:LEU:HD13	1:144:A:LEU:H	14	0.32
(29,2417)	1:139:A:LEU:HD21	1:144:A:LEU:H	14	0.32
(29,2417)	1:139:A:LEU:HD22	1:144:A:LEU:H	14	0.32
(29,2417)	1:139:A:LEU:HD23	1:144:A:LEU:H	14	0.32
(29,2329)	1:111:A:GLU:HG2	1:114:A:ILE:HG21	18	0.32
(29,2329)	1:111:A:GLU:HG2	1:114:A:ILE:HG22	18	0.32
(29,2329)	1:111:A:GLU:HG2	1:114:A:ILE:HG23	18	0.32
(29,2329)	1:111:A:GLU:HG3	1:114:A:ILE:HG21	18	0.32
(29,2329)	1:111:A:GLU:HG3	1:114:A:ILE:HG22	18	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2329)	1:111:A:GLU:HG3	1:114:A:ILE:HG23	18	0.32
(29,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	18	0.32
(29,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	18	0.32
(29,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	18	0.32
(29,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	18	0.32
(29,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	18	0.32
(29,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	18	0.32
(29,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	18	0.32
(29,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	18	0.32
(29,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	18	0.32
(29,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	18	0.32
(29,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	18	0.32
(29,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	18	0.32
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	15	0.32
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	15	0.32
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	15	0.32
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	15	0.32
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	15	0.32
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	15	0.32
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	15	0.32
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	15	0.32
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	15	0.32
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	15	0.32
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	15	0.32
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	15	0.32
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	15	0.32
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	15	0.32
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	15	0.32
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	15	0.32
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	15	0.32
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	15	0.32
(29,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	13	0.32
(29,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	13	0.32
(29,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	13	0.32
(29,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	13	0.32
(29,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	13	0.32
(29,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	13	0.32
(29,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	13	0.32
(29,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	13	0.32
(29,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	13	0.32
(29,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	13	0.32
(29,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	13	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	13	0.32
(29,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	13	0.32
(29,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	13	0.32
(29,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	13	0.32
(29,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	13	0.32
(29,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	13	0.32
(29,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	13	0.32
(29,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	13	0.32
(29,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	13	0.32
(29,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	13	0.32
(29,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	13	0.32
(29,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	13	0.32
(29,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	13	0.32
(29,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	13	0.32
(29,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	13	0.32
(29,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	13	0.32
(29,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	13	0.32
(29,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	13	0.32
(29,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	13	0.32
(29,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	13	0.32
(29,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	13	0.32
(29,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	13	0.32
(29,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	13	0.32
(29,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	13	0.32
(29,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	13	0.32
(29,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	17	0.32
(29,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	17	0.32
(29,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	17	0.32
(29,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	17	0.32
(29,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	17	0.32
(29,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	17	0.32
(29,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	17	0.32
(29,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	17	0.32
(29,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	17	0.32
(29,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	17	0.32
(29,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	17	0.32
(29,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	17	0.32
(29,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	17	0.32
(29,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	17	0.32
(29,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	17	0.32
(29,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	17	0.32
(29,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	17	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	17	0.32
(29,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	17	0.32
(29,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	17	0.32
(29,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	17	0.32
(29,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	17	0.32
(29,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	17	0.32
(29,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	17	0.32
(29,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	17	0.32
(29,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	17	0.32
(29,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	17	0.32
(29,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	17	0.32
(29,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	17	0.32
(29,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	17	0.32
(29,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	17	0.32
(29,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	17	0.32
(29,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	17	0.32
(29,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	17	0.32
(29,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	17	0.32
(29,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	17	0.32
(29,2184)	1:56:A:CYS:HB2	1:124:A:THR:HG21	9	0.32
(29,2184)	1:56:A:CYS:HB2	1:124:A:THR:HG22	9	0.32
(29,2184)	1:56:A:CYS:HB2	1:124:A:THR:HG23	9	0.32
(29,2184)	1:56:A:CYS:HB3	1:124:A:THR:HG21	9	0.32
(29,2184)	1:56:A:CYS:HB3	1:124:A:THR:HG22	9	0.32
(29,2184)	1:56:A:CYS:HB3	1:124:A:THR:HG23	9	0.32
(29,2184)	1:56:A:CYS:HB2	1:124:A:THR:HG21	15	0.32
(29,2184)	1:56:A:CYS:HB2	1:124:A:THR:HG22	15	0.32
(29,2184)	1:56:A:CYS:HB2	1:124:A:THR:HG23	15	0.32
(29,2184)	1:56:A:CYS:HB3	1:124:A:THR:HG21	15	0.32
(29,2184)	1:56:A:CYS:HB3	1:124:A:THR:HG22	15	0.32
(29,2184)	1:56:A:CYS:HB3	1:124:A:THR:HG23	15	0.32
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD11	19	0.32
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD12	19	0.32
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD13	19	0.32
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD21	19	0.32
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD22	19	0.32
(29,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD23	19	0.32
(29,2157)	1:43:A:MET:HE1	1:131:A:LEU:HD11	1	0.32
(29,2157)	1:43:A:MET:HE1	1:131:A:LEU:HD12	1	0.32
(29,2157)	1:43:A:MET:HE1	1:131:A:LEU:HD13	1	0.32
(29,2157)	1:43:A:MET:HE1	1:131:A:LEU:HD21	1	0.32
(29,2157)	1:43:A:MET:HE1	1:131:A:LEU:HD22	1	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2157)	1:43:A:MET:HE1	1:131:A:LEU:HD23	1	0.32
(29,2157)	1:43:A:MET:HE2	1:131:A:LEU:HD11	1	0.32
(29,2157)	1:43:A:MET:HE2	1:131:A:LEU:HD12	1	0.32
(29,2157)	1:43:A:MET:HE2	1:131:A:LEU:HD13	1	0.32
(29,2157)	1:43:A:MET:HE2	1:131:A:LEU:HD21	1	0.32
(29,2157)	1:43:A:MET:HE2	1:131:A:LEU:HD22	1	0.32
(29,2157)	1:43:A:MET:HE2	1:131:A:LEU:HD23	1	0.32
(29,2157)	1:43:A:MET:HE3	1:131:A:LEU:HD11	1	0.32
(29,2157)	1:43:A:MET:HE3	1:131:A:LEU:HD12	1	0.32
(29,2157)	1:43:A:MET:HE3	1:131:A:LEU:HD13	1	0.32
(29,2157)	1:43:A:MET:HE3	1:131:A:LEU:HD21	1	0.32
(29,2157)	1:43:A:MET:HE3	1:131:A:LEU:HD22	1	0.32
(29,2157)	1:43:A:MET:HE3	1:131:A:LEU:HD23	1	0.32
(29,2137)	1:40:A:LEU:HD11	1:41:A:LYS:H	15	0.32
(29,2137)	1:40:A:LEU:HD12	1:41:A:LYS:H	15	0.32
(29,2137)	1:40:A:LEU:HD13	1:41:A:LYS:H	15	0.32
(29,2137)	1:40:A:LEU:HD21	1:41:A:LYS:H	15	0.32
(29,2137)	1:40:A:LEU:HD22	1:41:A:LYS:H	15	0.32
(29,2137)	1:40:A:LEU:HD23	1:41:A:LYS:H	15	0.32
(29,2093)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	3	0.32
(29,2093)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	3	0.32
(29,2093)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	3	0.32
(29,2093)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	3	0.32
(29,2093)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	3	0.32
(29,2093)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	3	0.32
(29,1997)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	3	0.32
(29,1997)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	3	0.32
(29,1997)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	3	0.32
(29,1997)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	3	0.32
(29,1997)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	3	0.32
(29,1997)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	3	0.32
(29,1997)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	3	0.32
(29,1997)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	3	0.32
(29,1997)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	3	0.32
(29,1997)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	3	0.32
(29,1997)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	3	0.32
(29,1997)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	3	0.32
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	17	0.32
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	17	0.32
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	17	0.32
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	17	0.32
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	17	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	17	0.32
(29,1925)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	1	0.32
(29,1925)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	1	0.32
(29,1925)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	1	0.32
(29,1925)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	1	0.32
(29,1925)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	1	0.32
(29,1925)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	1	0.32
(29,1860)	1:59:A:CYS:HA	1:62:A:HIS:HD2	11	0.32
(29,1828)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	13	0.32
(29,1828)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	13	0.32
(29,1828)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	13	0.32
(29,1828)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	13	0.32
(29,1828)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	13	0.32
(29,1828)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	13	0.32
(29,1748)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	4	0.32
(29,1748)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	4	0.32
(29,1748)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	4	0.32
(29,1718)	1:43:A:MET:HG2	1:43:A:MET:HE1	16	0.32
(29,1718)	1:43:A:MET:HG2	1:43:A:MET:HE2	16	0.32
(29,1718)	1:43:A:MET:HG2	1:43:A:MET:HE3	16	0.32
(29,1713)	1:52:A:CYS:HA	1:124:A:THR:HB	8	0.32
(29,1681)	1:69:A:MET:HE1	1:116:A:GLN:HE21	12	0.32
(29,1681)	1:69:A:MET:HE2	1:116:A:GLN:HE21	12	0.32
(29,1681)	1:69:A:MET:HE3	1:116:A:GLN:HE21	12	0.32
(29,1619)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	9	0.32
(29,1619)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	9	0.32
(29,1619)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	9	0.32
(29,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	7	0.32
(29,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	7	0.32
(29,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	7	0.32
(29,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	7	0.32
(29,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	7	0.32
(29,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	7	0.32
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB2	3	0.32
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB3	3	0.32
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB2	3	0.32
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB3	3	0.32
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB2	3	0.32
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB3	3	0.32
(29,1450)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	8	0.32
(29,1450)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	8	0.32
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG11	17	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG12	17	0.32
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG13	17	0.32
(29,1336)	1:8:A:ASP:HA	1:9:A:PHE:H	12	0.32
(29,1278)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	12	0.32
(29,1278)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	12	0.32
(29,1278)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	12	0.32
(29,1278)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	12	0.32
(29,1278)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	12	0.32
(29,1278)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	12	0.32
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD21	1	0.32
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD22	1	0.32
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD23	1	0.32
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD21	2	0.32
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD22	2	0.32
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD23	2	0.32
(29,1163)	1:145:A:PRO:HB2	1:146:A:GLN:HA	12	0.32
(29,1133)	1:143:A:TRP:HA	1:143:A:TRP:HE3	2	0.32
(29,970)	1:15:A:ALA:HB1	1:43:A:MET:HB2	13	0.32
(29,970)	1:15:A:ALA:HB2	1:43:A:MET:HB2	13	0.32
(29,970)	1:15:A:ALA:HB3	1:43:A:MET:HB2	13	0.32
(29,896)	1:98:A:ILE:HG12	1:101:A:ILE:HB	3	0.32
(29,853)	1:48:A:ARG:HA	1:48:A:ARG:HD2	17	0.32
(29,853)	1:48:A:ARG:HA	1:48:A:ARG:HD3	17	0.32
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	15	0.32
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	15	0.32
(29,836)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	15	0.32
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	15	0.32
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	15	0.32
(29,836)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	15	0.32
(29,827)	1:64:A:LYS:H	1:98:A:ILE:HD11	11	0.32
(29,827)	1:64:A:LYS:H	1:98:A:ILE:HD12	11	0.32
(29,827)	1:64:A:LYS:H	1:98:A:ILE:HD13	11	0.32
(29,727)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	10	0.32
(29,727)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	10	0.32
(29,727)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	10	0.32
(29,716)	1:24:A:ASP:HA	1:27:A:ARG:HE	12	0.32
(29,549)	1:124:A:THR:H	1:127:A:CYS:HB3	2	0.32
(29,446)	1:68:A:LYS:H	1:70:A:LYS:HG3	6	0.32
(29,389)	1:106:A:ASP:H	1:112:A:GLN:HE21	11	0.32
(29,389)	1:106:A:ASP:H	1:112:A:GLN:HE21	18	0.32
(29,346)	1:123:A:CYS:H	1:128:A:LEU:HD11	17	0.32
(29,346)	1:123:A:CYS:H	1:128:A:LEU:HD12	17	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,346)	1:123:A:CYS:H	1:128:A:LEU:HD13	17	0.32
(29,156)	1:131:A:LEU:H	1:131:A:LEU:HG	7	0.32
(29,111)	1:69:A:MET:H	1:70:A:LYS:HG3	6	0.32
(29,32)	1:96:A:VAL:H	1:97:A:ASP:H	15	0.32
(29,8)	1:64:A:LYS:H	1:116:A:GLN:HE22	11	0.32
(23,20)	1:128:A:LEU:N	1:124:A:THR:O	5	0.32
(23,18)	1:119:A:LEU:N	1:115:A:ALA:O	15	0.32
(23,6)	1:59:A:CYS:N	1:55:A:GLY:O	10	0.32
(23,5)	1:58:A:ILE:N	1:54:A:ARG:O	4	0.32
(23,4)	1:45:A:ALA:N	1:41:A:LYS:O	13	0.32
(22,18)	1:73:A:ILE:N	1:69:A:MET:C	10	0.32
(22,16)	1:61:A:SER:N	1:57:A:LEU:C	3	0.32
(22,16)	1:61:A:SER:N	1:57:A:LEU:C	13	0.32
(22,16)	1:61:A:SER:N	1:57:A:LEU:C	16	0.32
(22,7)	1:45:A:ALA:H	1:41:A:LYS:C	18	0.32
(22,4)	1:39:A:VAL:N	1:36:A:PRO:C	4	0.32
(22,4)	1:39:A:VAL:N	1:36:A:PRO:C	6	0.32
(22,3)	1:39:A:VAL:H	1:36:A:PRO:C	16	0.32
(22,3)	1:39:A:VAL:H	1:36:A:PRO:C	19	0.32
(19,5)	1:123:A:CYS:SG	1:127:A:CYS:CB	11	0.32
(18,2441)	1:139:A:LEU:HD11	1:144:A:LEU:H	14	0.32
(18,2441)	1:139:A:LEU:HD12	1:144:A:LEU:H	14	0.32
(18,2441)	1:139:A:LEU:HD13	1:144:A:LEU:H	14	0.32
(18,2441)	1:139:A:LEU:HD21	1:144:A:LEU:H	14	0.32
(18,2441)	1:139:A:LEU:HD22	1:144:A:LEU:H	14	0.32
(18,2441)	1:139:A:LEU:HD23	1:144:A:LEU:H	14	0.32
(18,2332)	1:111:A:GLU:HG2	1:114:A:ILE:HG21	18	0.32
(18,2332)	1:111:A:GLU:HG2	1:114:A:ILE:HG22	18	0.32
(18,2332)	1:111:A:GLU:HG2	1:114:A:ILE:HG23	18	0.32
(18,2332)	1:111:A:GLU:HG3	1:114:A:ILE:HG21	18	0.32
(18,2332)	1:111:A:GLU:HG3	1:114:A:ILE:HG22	18	0.32
(18,2332)	1:111:A:GLU:HG3	1:114:A:ILE:HG23	18	0.32
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD11	5	0.32
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD12	5	0.32
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD13	5	0.32
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD21	5	0.32
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD22	5	0.32
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD23	5	0.32
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD11	5	0.32
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD12	5	0.32
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD13	5	0.32
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD21	5	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD22	5	0.32
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD23	5	0.32
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD11	5	0.32
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD12	5	0.32
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD13	5	0.32
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD21	5	0.32
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD22	5	0.32
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD23	5	0.32
(18,2281)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	18	0.32
(18,2281)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	18	0.32
(18,2281)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	18	0.32
(18,2281)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	18	0.32
(18,2281)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	18	0.32
(18,2281)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	18	0.32
(18,2281)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	18	0.32
(18,2281)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	18	0.32
(18,2281)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	18	0.32
(18,2281)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	18	0.32
(18,2281)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	18	0.32
(18,2281)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	18	0.32
(18,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB2	10	0.32
(18,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB3	10	0.32
(18,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB2	10	0.32
(18,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB3	10	0.32
(18,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB2	10	0.32
(18,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB3	10	0.32
(18,2226)	1:60:A:LEU:HD11	1:123:A:CYS:H	10	0.32
(18,2226)	1:60:A:LEU:HD12	1:123:A:CYS:H	10	0.32
(18,2226)	1:60:A:LEU:HD13	1:123:A:CYS:H	10	0.32
(18,2226)	1:60:A:LEU:HD21	1:123:A:CYS:H	10	0.32
(18,2226)	1:60:A:LEU:HD22	1:123:A:CYS:H	10	0.32
(18,2226)	1:60:A:LEU:HD23	1:123:A:CYS:H	10	0.32
(18,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD11	1	0.32
(18,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD12	1	0.32
(18,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD13	1	0.32
(18,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD21	1	0.32
(18,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD22	1	0.32
(18,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD23	1	0.32
(18,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD11	1	0.32
(18,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD12	1	0.32
(18,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD13	1	0.32
(18,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD21	1	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD22	1	0.32
(18,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD23	1	0.32
(18,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD11	1	0.32
(18,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD12	1	0.32
(18,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD13	1	0.32
(18,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD21	1	0.32
(18,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD22	1	0.32
(18,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD23	1	0.32
(18,2145)	1:43:A:MET:HE1	1:46:A:ASN:HD21	7	0.32
(18,2145)	1:43:A:MET:HE1	1:46:A:ASN:HD22	7	0.32
(18,2145)	1:43:A:MET:HE2	1:46:A:ASN:HD21	7	0.32
(18,2145)	1:43:A:MET:HE2	1:46:A:ASN:HD22	7	0.32
(18,2145)	1:43:A:MET:HE3	1:46:A:ASN:HD21	7	0.32
(18,2145)	1:43:A:MET:HE3	1:46:A:ASN:HD22	7	0.32
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD11	13	0.32
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD12	13	0.32
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD13	13	0.32
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD21	13	0.32
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD22	13	0.32
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD23	13	0.32
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD11	10	0.32
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD12	10	0.32
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD13	10	0.32
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD21	10	0.32
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD22	10	0.32
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD23	10	0.32
(18,2074)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	3	0.32
(18,2074)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	3	0.32
(18,2074)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	3	0.32
(18,2074)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	3	0.32
(18,2074)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	3	0.32
(18,2074)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	3	0.32
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD11	5	0.32
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD12	5	0.32
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD13	5	0.32
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD21	5	0.32
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD22	5	0.32
(18,2031)	1:21:A:THR:HB	1:23:A:LEU:HD23	5	0.32
(18,2026)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	13	0.32
(18,2026)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	13	0.32
(18,2026)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	13	0.32
(18,2026)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	13	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2026)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	13	0.32
(18,2026)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	13	0.32
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	3	0.32
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	3	0.32
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	3	0.32
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	3	0.32
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	3	0.32
(18,2023)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	3	0.32
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	3	0.32
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	3	0.32
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	3	0.32
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	3	0.32
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	3	0.32
(18,2023)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	3	0.32
(18,2018)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	12	0.32
(18,2018)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	12	0.32
(18,2018)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	12	0.32
(18,2018)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	0.32
(18,2018)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	0.32
(18,2018)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	0.32
(18,2018)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	12	0.32
(18,2018)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	12	0.32
(18,2018)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	12	0.32
(18,2018)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	0.32
(18,2018)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	0.32
(18,2018)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	0.32
(18,1893)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	2	0.32
(18,1893)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	2	0.32
(18,1893)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	2	0.32
(18,1893)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	2	0.32
(18,1683)	1:43:A:MET:HG2	1:43:A:MET:HE1	16	0.32
(18,1683)	1:43:A:MET:HG2	1:43:A:MET:HE2	16	0.32
(18,1683)	1:43:A:MET:HG2	1:43:A:MET:HE3	16	0.32
(18,1644)	1:69:A:MET:HE1	1:116:A:GLN:HE21	12	0.32
(18,1644)	1:69:A:MET:HE2	1:116:A:GLN:HE21	12	0.32
(18,1644)	1:69:A:MET:HE3	1:116:A:GLN:HE21	12	0.32
(18,1583)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	7	0.32
(18,1583)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	7	0.32
(18,1583)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	7	0.32
(18,1583)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	7	0.32
(18,1583)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	7	0.32
(18,1583)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	7	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1515)	1:69:A:MET:HE1	1:110:A:MET:HA	5	0.32
(18,1515)	1:69:A:MET:HE2	1:110:A:MET:HA	5	0.32
(18,1515)	1:69:A:MET:HE3	1:110:A:MET:HA	5	0.32
(18,1495)	1:43:A:MET:HA	1:43:A:MET:HE1	2	0.32
(18,1495)	1:43:A:MET:HA	1:43:A:MET:HE2	2	0.32
(18,1495)	1:43:A:MET:HA	1:43:A:MET:HE3	2	0.32
(18,1438)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	8	0.32
(18,1438)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	8	0.32
(18,1424)	1:119:A:LEU:HA	1:121:A:VAL:HG21	16	0.32
(18,1424)	1:119:A:LEU:HA	1:121:A:VAL:HG22	16	0.32
(18,1424)	1:119:A:LEU:HA	1:121:A:VAL:HG23	16	0.32
(18,1320)	1:8:A:ASP:HA	1:9:A:PHE:H	12	0.32
(18,1268)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	6	0.32
(18,1268)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	6	0.32
(18,1268)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	6	0.32
(18,1268)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	6	0.32
(18,1268)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	6	0.32
(18,1268)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	6	0.32
(18,1251)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	2	0.32
(18,1251)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	2	0.32
(18,1251)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	2	0.32
(18,1251)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	2	0.32
(18,1251)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	2	0.32
(18,1251)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	2	0.32
(18,1251)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	2	0.32
(18,1251)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	2	0.32
(18,1251)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	2	0.32
(18,1221)	1:81:A:GLU:HA	1:81:A:GLU:HG2	17	0.32
(18,1221)	1:81:A:GLU:HA	1:81:A:GLU:HG3	17	0.32
(18,1221)	1:81:A:GLU:HA	1:81:A:GLU:HG2	18	0.32
(18,1221)	1:81:A:GLU:HA	1:81:A:GLU:HG3	18	0.32
(18,1196)	1:23:A:LEU:HD21	1:24:A:ASP:H	6	0.32
(18,1196)	1:23:A:LEU:HD22	1:24:A:ASP:H	6	0.32
(18,1196)	1:23:A:LEU:HD23	1:24:A:ASP:H	6	0.32
(18,1183)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	17	0.32
(18,1183)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	17	0.32
(18,1183)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	17	0.32
(18,1176)	1:140:A:LEU:HA	1:140:A:LEU:HD21	13	0.32
(18,1176)	1:140:A:LEU:HA	1:140:A:LEU:HD22	13	0.32
(18,1176)	1:140:A:LEU:HA	1:140:A:LEU:HD23	13	0.32
(18,970)	1:66:A:THR:H	1:96:A:VAL:HB	16	0.32
(18,944)	1:73:A:ILE:HD11	1:112:A:GLN:HG2	9	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,944)	1:73:A:ILE:HD11	1:112:A:GLN:HG3	9	0.32
(18,944)	1:73:A:ILE:HD12	1:112:A:GLN:HG2	9	0.32
(18,944)	1:73:A:ILE:HD12	1:112:A:GLN:HG3	9	0.32
(18,944)	1:73:A:ILE:HD13	1:112:A:GLN:HG2	9	0.32
(18,944)	1:73:A:ILE:HD13	1:112:A:GLN:HG3	9	0.32
(18,939)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	17	0.32
(18,939)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	17	0.32
(18,939)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	17	0.32
(18,939)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	17	0.32
(18,741)	1:17:A:ASN:HD21	1:18:A:PHE:H	16	0.32
(18,731)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	4	0.32
(18,731)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	4	0.32
(18,731)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	4	0.32
(18,721)	1:24:A:ASP:HA	1:27:A:ARG:HE	12	0.32
(18,663)	1:70:A:LYS:H	1:71:A:LYS:HB3	11	0.32
(18,639)	1:57:A:LEU:H	1:58:A:ILE:HD11	13	0.32
(18,639)	1:57:A:LEU:H	1:58:A:ILE:HD12	13	0.32
(18,639)	1:57:A:LEU:H	1:58:A:ILE:HD13	13	0.32
(18,509)	1:97:A:ASP:HB2	1:105:A:LYS:H	10	0.32
(18,509)	1:97:A:ASP:HB3	1:105:A:LYS:H	10	0.32
(18,355)	1:122:A:ASP:HB3	1:123:A:CYS:H	3	0.32
(18,151)	1:131:A:LEU:H	1:131:A:LEU:HG	12	0.32
(18,78)	1:22:A:ASP:HA	1:23:A:LEU:H	6	0.32
(18,9)	1:64:A:LYS:H	1:116:A:GLN:HE21	8	0.32
(18,7)	1:64:A:LYS:H	1:116:A:GLN:HE22	11	0.32
(17,2452)	1:139:A:LEU:HD11	1:144:A:LEU:H	14	0.32
(17,2452)	1:139:A:LEU:HD12	1:144:A:LEU:H	14	0.32
(17,2452)	1:139:A:LEU:HD13	1:144:A:LEU:H	14	0.32
(17,2452)	1:139:A:LEU:HD21	1:144:A:LEU:H	14	0.32
(17,2452)	1:139:A:LEU:HD22	1:144:A:LEU:H	14	0.32
(17,2452)	1:139:A:LEU:HD23	1:144:A:LEU:H	14	0.32
(17,2293)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	9	0.32
(17,2293)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	9	0.32
(17,2293)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	9	0.32
(17,2293)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	9	0.32
(17,2293)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	9	0.32
(17,2293)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	9	0.32
(17,2240)	1:65:A:CYS:HB2	1:70:A:LYS:HA	11	0.32
(17,2240)	1:65:A:CYS:HB3	1:70:A:LYS:HA	11	0.32
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD11	12	0.32
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD12	12	0.32
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD13	12	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD21	12	0.32
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD22	12	0.32
(17,2171)	1:43:A:MET:HE1	1:144:A:LEU:HD23	12	0.32
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD11	12	0.32
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD12	12	0.32
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD13	12	0.32
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD21	12	0.32
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD22	12	0.32
(17,2171)	1:43:A:MET:HE2	1:144:A:LEU:HD23	12	0.32
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD11	12	0.32
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD12	12	0.32
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD13	12	0.32
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD21	12	0.32
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD22	12	0.32
(17,2171)	1:43:A:MET:HE3	1:144:A:LEU:HD23	12	0.32
(17,2149)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	17	0.32
(17,2149)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	17	0.32
(17,2149)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	17	0.32
(17,2149)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	17	0.32
(17,2149)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	17	0.32
(17,2149)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	17	0.32
(17,2149)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	17	0.32
(17,2149)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	17	0.32
(17,2149)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	17	0.32
(17,2149)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	17	0.32
(17,2149)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	17	0.32
(17,2149)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	17	0.32
(17,2004)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	1	0.32
(17,2004)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	1	0.32
(17,2004)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	1	0.32
(17,2004)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	1	0.32
(17,2004)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	1	0.32
(17,2004)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	1	0.32
(17,2004)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	1	0.32
(17,2004)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	1	0.32
(17,2004)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	1	0.32
(17,2004)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	1	0.32
(17,2004)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	1	0.32
(17,2004)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	1	0.32
(17,1944)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	10	0.32
(17,1944)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	10	0.32
(17,1944)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	10	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1944)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	10	0.32
(17,1944)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	10	0.32
(17,1944)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	10	0.32
(17,1944)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	19	0.32
(17,1944)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	19	0.32
(17,1944)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	19	0.32
(17,1944)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	19	0.32
(17,1944)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	19	0.32
(17,1944)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	19	0.32
(17,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	1	0.32
(17,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	1	0.32
(17,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	1	0.32
(17,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	1	0.32
(17,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	1	0.32
(17,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	1	0.32
(17,1918)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	2	0.32
(17,1918)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	2	0.32
(17,1918)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	2	0.32
(17,1918)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	2	0.32
(17,1802)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	8	0.32
(17,1802)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	8	0.32
(17,1802)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	8	0.32
(17,1802)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	8	0.32
(17,1802)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	8	0.32
(17,1802)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	8	0.32
(17,1802)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	8	0.32
(17,1802)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	8	0.32
(17,1802)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	8	0.32
(17,1802)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	8	0.32
(17,1802)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	8	0.32
(17,1802)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	8	0.32
(17,1787)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	16	0.32
(17,1787)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	16	0.32
(17,1626)	1:126:A:GLY:H	1:128:A:LEU:HD11	17	0.32
(17,1626)	1:126:A:GLY:H	1:128:A:LEU:HD12	17	0.32
(17,1626)	1:126:A:GLY:H	1:128:A:LEU:HD13	17	0.32
(17,1571)	1:138:A:ASP:HB2	1:139:A:LEU:HD21	15	0.32
(17,1571)	1:138:A:ASP:HB2	1:139:A:LEU:HD22	15	0.32
(17,1571)	1:138:A:ASP:HB2	1:139:A:LEU:HD23	15	0.32
(17,1571)	1:138:A:ASP:HB3	1:139:A:LEU:HD21	15	0.32
(17,1571)	1:138:A:ASP:HB3	1:139:A:LEU:HD22	15	0.32
(17,1571)	1:138:A:ASP:HB3	1:139:A:LEU:HD23	15	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1491)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	12	0.32
(17,1491)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	12	0.32
(17,1491)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	12	0.32
(17,1491)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	12	0.32
(17,1491)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	12	0.32
(17,1491)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	12	0.32
(17,1356)	1:17:A:ASN:HA	1:76:A:ARG:HA	4	0.32
(17,1340)	1:8:A:ASP:HA	1:9:A:PHE:H	12	0.32
(17,1266)	1:12:A:VAL:HG11	1:40:A:LEU:HA	3	0.32
(17,1266)	1:12:A:VAL:HG12	1:40:A:LEU:HA	3	0.32
(17,1266)	1:12:A:VAL:HG13	1:40:A:LEU:HA	3	0.32
(17,1048)	1:11:A:ILE:HA	1:11:A:ILE:HD11	13	0.32
(17,1048)	1:11:A:ILE:HA	1:11:A:ILE:HD12	13	0.32
(17,1048)	1:11:A:ILE:HA	1:11:A:ILE:HD13	13	0.32
(17,923)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	2	0.32
(17,923)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	2	0.32
(17,923)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	2	0.32
(17,923)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	11	0.32
(17,923)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	11	0.32
(17,923)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	11	0.32
(17,821)	1:64:A:LYS:H	1:98:A:ILE:HD11	11	0.32
(17,821)	1:64:A:LYS:H	1:98:A:ILE:HD12	11	0.32
(17,821)	1:64:A:LYS:H	1:98:A:ILE:HD13	11	0.32
(17,710)	1:24:A:ASP:HA	1:27:A:ARG:HE	12	0.32
(17,541)	1:124:A:THR:H	1:127:A:CYS:HB3	2	0.32
(17,488)	1:97:A:ASP:HB2	1:105:A:LYS:H	10	0.32
(17,488)	1:97:A:ASP:HB3	1:105:A:LYS:H	10	0.32
(17,230)	1:11:A:ILE:HB	1:44:A:GLU:H	1	0.32
(17,151)	1:131:A:LEU:H	1:131:A:LEU:HG	12	0.32
(17,74)	1:22:A:ASP:HA	1:23:A:LEU:H	6	0.32
(17,7)	1:64:A:LYS:H	1:116:A:GLN:HE22	11	0.32
(16,2371)	1:116:A:GLN:HG2	1:117:A:VAL:HA	8	0.32
(16,2371)	1:116:A:GLN:HG3	1:117:A:VAL:HA	8	0.32
(16,2332)	1:107:A:LEU:HD11	1:115:A:ALA:H	12	0.32
(16,2332)	1:107:A:LEU:HD12	1:115:A:ALA:H	12	0.32
(16,2332)	1:107:A:LEU:HD13	1:115:A:ALA:H	12	0.32
(16,2332)	1:107:A:LEU:HD21	1:115:A:ALA:H	12	0.32
(16,2332)	1:107:A:LEU:HD22	1:115:A:ALA:H	12	0.32
(16,2332)	1:107:A:LEU:HD23	1:115:A:ALA:H	12	0.32
(16,2329)	1:107:A:LEU:HD11	1:112:A:GLN:HA	18	0.32
(16,2329)	1:107:A:LEU:HD12	1:112:A:GLN:HA	18	0.32
(16,2329)	1:107:A:LEU:HD13	1:112:A:GLN:HA	18	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2329)	1:107:A:LEU:HD21	1:112:A:GLN:HA	18	0.32
(16,2329)	1:107:A:LEU:HD22	1:112:A:GLN:HA	18	0.32
(16,2329)	1:107:A:LEU:HD23	1:112:A:GLN:HA	18	0.32
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG11	2	0.32
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG12	2	0.32
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG13	2	0.32
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG21	2	0.32
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG22	2	0.32
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG23	2	0.32
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG11	14	0.32
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG12	14	0.32
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG13	14	0.32
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG21	14	0.32
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG22	14	0.32
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG23	14	0.32
(16,2268)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	9	0.32
(16,2268)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	9	0.32
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD11	11	0.32
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD12	11	0.32
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD13	11	0.32
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD21	11	0.32
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD22	11	0.32
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD23	11	0.32
(16,2152)	1:43:A:MET:HE1	1:131:A:LEU:HD11	1	0.32
(16,2152)	1:43:A:MET:HE1	1:131:A:LEU:HD12	1	0.32
(16,2152)	1:43:A:MET:HE1	1:131:A:LEU:HD13	1	0.32
(16,2152)	1:43:A:MET:HE1	1:131:A:LEU:HD21	1	0.32
(16,2152)	1:43:A:MET:HE1	1:131:A:LEU:HD22	1	0.32
(16,2152)	1:43:A:MET:HE1	1:131:A:LEU:HD23	1	0.32
(16,2152)	1:43:A:MET:HE2	1:131:A:LEU:HD11	1	0.32
(16,2152)	1:43:A:MET:HE2	1:131:A:LEU:HD12	1	0.32
(16,2152)	1:43:A:MET:HE2	1:131:A:LEU:HD13	1	0.32
(16,2152)	1:43:A:MET:HE2	1:131:A:LEU:HD21	1	0.32
(16,2152)	1:43:A:MET:HE2	1:131:A:LEU:HD22	1	0.32
(16,2152)	1:43:A:MET:HE2	1:131:A:LEU:HD23	1	0.32
(16,2152)	1:43:A:MET:HE3	1:131:A:LEU:HD11	1	0.32
(16,2152)	1:43:A:MET:HE3	1:131:A:LEU:HD12	1	0.32
(16,2152)	1:43:A:MET:HE3	1:131:A:LEU:HD13	1	0.32
(16,2152)	1:43:A:MET:HE3	1:131:A:LEU:HD21	1	0.32
(16,2152)	1:43:A:MET:HE3	1:131:A:LEU:HD22	1	0.32
(16,2152)	1:43:A:MET:HE3	1:131:A:LEU:HD23	1	0.32
(16,2090)	1:35:A:LEU:HD11	1:143:A:TRP:HA	14	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2090)	1:35:A:LEU:HD12	1:143:A:TRP:HA	14	0.32
(16,2090)	1:35:A:LEU:HD13	1:143:A:TRP:HA	14	0.32
(16,2090)	1:35:A:LEU:HD21	1:143:A:TRP:HA	14	0.32
(16,2090)	1:35:A:LEU:HD22	1:143:A:TRP:HA	14	0.32
(16,2090)	1:35:A:LEU:HD23	1:143:A:TRP:HA	14	0.32
(16,2081)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	16	0.32
(16,2081)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	16	0.32
(16,2081)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	16	0.32
(16,2081)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	16	0.32
(16,2081)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	16	0.32
(16,2081)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	16	0.32
(16,1960)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	15	0.32
(16,1960)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	15	0.32
(16,1960)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	15	0.32
(16,1960)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	15	0.32
(16,1960)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	15	0.32
(16,1960)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	15	0.32
(16,1960)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	15	0.32
(16,1960)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	15	0.32
(16,1960)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	15	0.32
(16,1960)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	15	0.32
(16,1960)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	15	0.32
(16,1960)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	15	0.32
(16,1960)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	15	0.32
(16,1960)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	15	0.32
(16,1960)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	15	0.32
(16,1960)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	15	0.32
(16,1960)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	15	0.32
(16,1960)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	15	0.32
(16,1949)	1:11:A:ILE:HG12	1:131:A:LEU:HD11	7	0.32
(16,1949)	1:11:A:ILE:HG12	1:131:A:LEU:HD12	7	0.32
(16,1949)	1:11:A:ILE:HG12	1:131:A:LEU:HD13	7	0.32
(16,1949)	1:11:A:ILE:HG12	1:131:A:LEU:HD21	7	0.32
(16,1949)	1:11:A:ILE:HG12	1:131:A:LEU:HD22	7	0.32
(16,1949)	1:11:A:ILE:HG12	1:131:A:LEU:HD23	7	0.32
(16,1949)	1:11:A:ILE:HG13	1:131:A:LEU:HD11	7	0.32
(16,1949)	1:11:A:ILE:HG13	1:131:A:LEU:HD12	7	0.32
(16,1949)	1:11:A:ILE:HG13	1:131:A:LEU:HD13	7	0.32
(16,1949)	1:11:A:ILE:HG13	1:131:A:LEU:HD21	7	0.32
(16,1949)	1:11:A:ILE:HG13	1:131:A:LEU:HD22	7	0.32
(16,1949)	1:11:A:ILE:HG13	1:131:A:LEU:HD23	7	0.32
(16,1887)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	2	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1887)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	2	0.32
(16,1887)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	2	0.32
(16,1887)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	2	0.32
(16,1837)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	12	0.32
(16,1837)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	12	0.32
(16,1837)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	12	0.32
(16,1837)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	12	0.32
(16,1782)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	6	0.32
(16,1782)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	6	0.32
(16,1782)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	6	0.32
(16,1782)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	6	0.32
(16,1738)	1:39:A:VAL:HA	1:140:A:LEU:HD11	2	0.32
(16,1738)	1:39:A:VAL:HA	1:140:A:LEU:HD12	2	0.32
(16,1738)	1:39:A:VAL:HA	1:140:A:LEU:HD13	2	0.32
(16,1722)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	4	0.32
(16,1722)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	4	0.32
(16,1722)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	4	0.32
(16,1585)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	7	0.32
(16,1585)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	7	0.32
(16,1585)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	7	0.32
(16,1585)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	7	0.32
(16,1585)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	7	0.32
(16,1585)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	7	0.32
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG21	7	0.32
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG22	7	0.32
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG23	7	0.32
(16,1446)	1:50:A:ALA:HB1	1:130:A:GLY:H	5	0.32
(16,1446)	1:50:A:ALA:HB2	1:130:A:GLY:H	5	0.32
(16,1446)	1:50:A:ALA:HB3	1:130:A:GLY:H	5	0.32
(16,1432)	1:119:A:LEU:HA	1:121:A:VAL:HG21	16	0.32
(16,1432)	1:119:A:LEU:HA	1:121:A:VAL:HG22	16	0.32
(16,1432)	1:119:A:LEU:HA	1:121:A:VAL:HG23	16	0.32
(16,1423)	1:149:A:ALA:HB1	1:150:A:THR:HG21	3	0.32
(16,1423)	1:149:A:ALA:HB1	1:150:A:THR:HG22	3	0.32
(16,1423)	1:149:A:ALA:HB1	1:150:A:THR:HG23	3	0.32
(16,1423)	1:149:A:ALA:HB2	1:150:A:THR:HG21	3	0.32
(16,1423)	1:149:A:ALA:HB2	1:150:A:THR:HG22	3	0.32
(16,1423)	1:149:A:ALA:HB2	1:150:A:THR:HG23	3	0.32
(16,1423)	1:149:A:ALA:HB3	1:150:A:THR:HG21	3	0.32
(16,1423)	1:149:A:ALA:HB3	1:150:A:THR:HG22	3	0.32
(16,1423)	1:149:A:ALA:HB3	1:150:A:THR:HG23	3	0.32
(16,1420)	1:73:A:ILE:HG21	1:110:A:MET:HG2	1	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1420)	1:73:A:ILE:HG21	1:110:A:MET:HG3	1	0.32
(16,1420)	1:73:A:ILE:HG22	1:110:A:MET:HG2	1	0.32
(16,1420)	1:73:A:ILE:HG22	1:110:A:MET:HG3	1	0.32
(16,1420)	1:73:A:ILE:HG23	1:110:A:MET:HG2	1	0.32
(16,1420)	1:73:A:ILE:HG23	1:110:A:MET:HG3	1	0.32
(16,1331)	1:8:A:ASP:HA	1:9:A:PHE:H	12	0.32
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD11	8	0.32
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD12	8	0.32
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD13	8	0.32
(16,1176)	1:140:A:LEU:HA	1:140:A:LEU:HD21	13	0.32
(16,1176)	1:140:A:LEU:HA	1:140:A:LEU:HD22	13	0.32
(16,1176)	1:140:A:LEU:HA	1:140:A:LEU:HD23	13	0.32
(16,1132)	1:143:A:TRP:HA	1:143:A:TRP:HE3	2	0.32
(16,1058)	1:11:A:ILE:HA	1:11:A:ILE:HD11	13	0.32
(16,1058)	1:11:A:ILE:HA	1:11:A:ILE:HD12	13	0.32
(16,1058)	1:11:A:ILE:HA	1:11:A:ILE:HD13	13	0.32
(16,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	7	0.32
(16,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	7	0.32
(16,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	7	0.32
(16,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	7	0.32
(16,944)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	13	0.32
(16,944)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	13	0.32
(16,936)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	7	0.32
(16,936)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	7	0.32
(16,936)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	7	0.32
(16,936)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	7	0.32
(16,936)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	7	0.32
(16,936)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	7	0.32
(16,846)	1:45:A:ALA:HA	1:48:A:ARG:HD2	9	0.32
(16,846)	1:45:A:ALA:HA	1:48:A:ARG:HD3	9	0.32
(16,820)	1:64:A:LYS:H	1:98:A:ILE:HD11	11	0.32
(16,820)	1:64:A:LYS:H	1:98:A:ILE:HD12	11	0.32
(16,820)	1:64:A:LYS:H	1:98:A:ILE:HD13	11	0.32
(16,807)	1:58:A:ILE:HD11	1:59:A:CYS:H	6	0.32
(16,807)	1:58:A:ILE:HD12	1:59:A:CYS:H	6	0.32
(16,807)	1:58:A:ILE:HD13	1:59:A:CYS:H	6	0.32
(16,787)	1:101:A:ILE:HD11	1:119:A:LEU:HG	1	0.32
(16,787)	1:101:A:ILE:HD12	1:119:A:LEU:HG	1	0.32
(16,787)	1:101:A:ILE:HD13	1:119:A:LEU:HG	1	0.32
(16,782)	1:101:A:ILE:HD11	1:115:A:ALA:H	10	0.32
(16,782)	1:101:A:ILE:HD12	1:115:A:ALA:H	10	0.32
(16,782)	1:101:A:ILE:HD13	1:115:A:ALA:H	10	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,778)	1:73:A:ILE:HD11	1:113:A:PHE:HD1	8	0.32
(16,778)	1:73:A:ILE:HD11	1:113:A:PHE:HD2	8	0.32
(16,778)	1:73:A:ILE:HD12	1:113:A:PHE:HD1	8	0.32
(16,778)	1:73:A:ILE:HD12	1:113:A:PHE:HD2	8	0.32
(16,778)	1:73:A:ILE:HD13	1:113:A:PHE:HD1	8	0.32
(16,778)	1:73:A:ILE:HD13	1:113:A:PHE:HD2	8	0.32
(16,720)	1:44:A:GLU:HB2	1:48:A:ARG:HE	2	0.32
(16,720)	1:44:A:GLU:HB3	1:48:A:ARG:HE	2	0.32
(16,716)	1:24:A:ASP:HA	1:27:A:ARG:HE	12	0.32
(16,671)	1:108:A:GLU:H	1:112:A:GLN:H	5	0.32
(16,664)	1:101:A:ILE:HB	1:103:A:ARG:H	9	0.32
(16,551)	1:124:A:THR:H	1:127:A:CYS:HB3	2	0.32
(16,391)	1:106:A:ASP:H	1:112:A:GLN:HE21	11	0.32
(16,391)	1:106:A:ASP:H	1:112:A:GLN:HE21	18	0.32
(16,251)	1:23:A:LEU:HD21	1:24:A:ASP:H	18	0.32
(16,251)	1:23:A:LEU:HD22	1:24:A:ASP:H	18	0.32
(16,251)	1:23:A:LEU:HD23	1:24:A:ASP:H	18	0.32
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG21	2	0.32
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG22	2	0.32
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG23	2	0.32
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG21	3	0.32
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG22	3	0.32
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG23	3	0.32
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG21	9	0.32
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG22	9	0.32
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG23	9	0.32
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG21	19	0.32
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG22	19	0.32
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG23	19	0.32
(16,71)	1:22:A:ASP:HA	1:23:A:LEU:H	6	0.32
(16,10)	1:64:A:LYS:H	1:116:A:GLN:HE21	8	0.32
(16,8)	1:64:A:LYS:H	1:116:A:GLN:HE22	11	0.32
(15,2458)	1:139:A:LEU:HD11	1:144:A:LEU:H	14	0.32
(15,2458)	1:139:A:LEU:HD12	1:144:A:LEU:H	14	0.32
(15,2458)	1:139:A:LEU:HD13	1:144:A:LEU:H	14	0.32
(15,2458)	1:139:A:LEU:HD21	1:144:A:LEU:H	14	0.32
(15,2458)	1:139:A:LEU:HD22	1:144:A:LEU:H	14	0.32
(15,2458)	1:139:A:LEU:HD23	1:144:A:LEU:H	14	0.32
(15,2340)	1:110:A:MET:HG2	1:114:A:ILE:HG12	19	0.32
(15,2340)	1:110:A:MET:HG2	1:114:A:ILE:HG13	19	0.32
(15,2340)	1:110:A:MET:HG3	1:114:A:ILE:HG12	19	0.32
(15,2340)	1:110:A:MET:HG3	1:114:A:ILE:HG13	19	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2306)	1:105:A:LYS:H	1:105:A:LYS:HG2	3	0.32
(15,2306)	1:105:A:LYS:H	1:105:A:LYS:HG3	3	0.32
(15,2306)	1:105:A:LYS:H	1:105:A:LYS:HG2	12	0.32
(15,2306)	1:105:A:LYS:H	1:105:A:LYS:HG3	12	0.32
(15,2237)	1:70:A:LYS:HG2	1:71:A:LYS:H	12	0.32
(15,2237)	1:70:A:LYS:HG3	1:71:A:LYS:H	12	0.32
(15,2232)	1:69:A:MET:HE1	1:116:A:GLN:HE21	6	0.32
(15,2232)	1:69:A:MET:HE1	1:116:A:GLN:HE22	6	0.32
(15,2232)	1:69:A:MET:HE2	1:116:A:GLN:HE21	6	0.32
(15,2232)	1:69:A:MET:HE2	1:116:A:GLN:HE22	6	0.32
(15,2232)	1:69:A:MET:HE3	1:116:A:GLN:HE21	6	0.32
(15,2232)	1:69:A:MET:HE3	1:116:A:GLN:HE22	6	0.32
(15,2187)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	13	0.32
(15,2187)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	13	0.32
(15,2187)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	13	0.32
(15,2187)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	13	0.32
(15,2187)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	13	0.32
(15,2187)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	13	0.32
(15,2187)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	13	0.32
(15,2187)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	13	0.32
(15,2187)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	13	0.32
(15,2187)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	13	0.32
(15,2187)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	13	0.32
(15,2187)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	13	0.32
(15,2187)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	13	0.32
(15,2187)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	13	0.32
(15,2187)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	13	0.32
(15,2187)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	13	0.32
(15,2187)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	13	0.32
(15,2187)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	13	0.32
(15,2187)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	13	0.32
(15,2187)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	13	0.32
(15,2187)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	13	0.32
(15,2187)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	13	0.32
(15,2187)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	13	0.32
(15,2187)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	13	0.32
(15,2187)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	13	0.32
(15,2187)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	13	0.32
(15,2187)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	13	0.32
(15,2187)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	13	0.32
(15,2187)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	13	0.32
(15,2187)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	13	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2187)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	13	0.32
(15,2187)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	13	0.32
(15,2187)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	13	0.32
(15,2187)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	13	0.32
(15,2187)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	13	0.32
(15,2187)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	13	0.32
(15,2187)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	17	0.32
(15,2187)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	17	0.32
(15,2187)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	17	0.32
(15,2187)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	17	0.32
(15,2187)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	17	0.32
(15,2187)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	17	0.32
(15,2187)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	17	0.32
(15,2187)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	17	0.32
(15,2187)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	17	0.32
(15,2187)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	17	0.32
(15,2187)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	17	0.32
(15,2187)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	17	0.32
(15,2187)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	17	0.32
(15,2187)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	17	0.32
(15,2187)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	17	0.32
(15,2187)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	17	0.32
(15,2187)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	17	0.32
(15,2187)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	17	0.32
(15,2187)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	17	0.32
(15,2187)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	17	0.32
(15,2187)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	17	0.32
(15,2187)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	17	0.32
(15,2187)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	17	0.32
(15,2187)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	17	0.32
(15,2187)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	17	0.32
(15,2187)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	17	0.32
(15,2187)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	17	0.32
(15,2187)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	17	0.32
(15,2187)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	17	0.32
(15,2187)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	17	0.32
(15,2187)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	17	0.32
(15,2187)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	17	0.32
(15,2187)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	17	0.32
(15,2187)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	17	0.32
(15,2187)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	17	0.32
(15,2187)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	17	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD11	2	0.32
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD12	2	0.32
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD13	2	0.32
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD21	2	0.32
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD22	2	0.32
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD23	2	0.32
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD11	1	0.32
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD12	1	0.32
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD13	1	0.32
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD21	1	0.32
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD22	1	0.32
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD23	1	0.32
(15,1987)	1:17:A:ASN:HB2	1:18:A:PHE:HD1	19	0.32
(15,1987)	1:17:A:ASN:HB2	1:18:A:PHE:HD2	19	0.32
(15,1987)	1:17:A:ASN:HB3	1:18:A:PHE:HD1	19	0.32
(15,1987)	1:17:A:ASN:HB3	1:18:A:PHE:HD2	19	0.32
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE1	9	0.32
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE2	9	0.32
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE3	9	0.32
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE1	9	0.32
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE2	9	0.32
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE3	9	0.32
(15,1983)	1:16:A:SER:HB2	1:19:A:ALA:HB1	6	0.32
(15,1983)	1:16:A:SER:HB2	1:19:A:ALA:HB2	6	0.32
(15,1983)	1:16:A:SER:HB2	1:19:A:ALA:HB3	6	0.32
(15,1983)	1:16:A:SER:HB3	1:19:A:ALA:HB1	6	0.32
(15,1983)	1:16:A:SER:HB3	1:19:A:ALA:HB2	6	0.32
(15,1983)	1:16:A:SER:HB3	1:19:A:ALA:HB3	6	0.32
(15,1938)	1:11:A:ILE:HG12	1:57:A:LEU:HD11	14	0.32
(15,1938)	1:11:A:ILE:HG12	1:57:A:LEU:HD12	14	0.32
(15,1938)	1:11:A:ILE:HG12	1:57:A:LEU:HD13	14	0.32
(15,1938)	1:11:A:ILE:HG12	1:57:A:LEU:HD21	14	0.32
(15,1938)	1:11:A:ILE:HG12	1:57:A:LEU:HD22	14	0.32
(15,1938)	1:11:A:ILE:HG12	1:57:A:LEU:HD23	14	0.32
(15,1882)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	1	0.32
(15,1882)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	1	0.32
(15,1882)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	1	0.32
(15,1882)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	1	0.32
(15,1882)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	1	0.32
(15,1882)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	1	0.32
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	8	0.32
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	8	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	8	0.32
(15,1590)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	3	0.32
(15,1590)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	3	0.32
(15,1590)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	3	0.32
(15,1560)	1:11:A:ILE:HD11	1:14:A:VAL:H	18	0.32
(15,1560)	1:11:A:ILE:HD12	1:14:A:VAL:H	18	0.32
(15,1560)	1:11:A:ILE:HD13	1:14:A:VAL:H	18	0.32
(15,1553)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	15	0.32
(15,1553)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	15	0.32
(15,1553)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	15	0.32
(15,1553)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	15	0.32
(15,1553)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	15	0.32
(15,1553)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	15	0.32
(15,1553)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	15	0.32
(15,1553)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	15	0.32
(15,1553)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	15	0.32
(15,1525)	1:63:A:ILE:HG21	1:69:A:MET:HE1	7	0.32
(15,1525)	1:63:A:ILE:HG21	1:69:A:MET:HE2	7	0.32
(15,1525)	1:63:A:ILE:HG21	1:69:A:MET:HE3	7	0.32
(15,1525)	1:63:A:ILE:HG22	1:69:A:MET:HE1	7	0.32
(15,1525)	1:63:A:ILE:HG22	1:69:A:MET:HE2	7	0.32
(15,1525)	1:63:A:ILE:HG22	1:69:A:MET:HE3	7	0.32
(15,1525)	1:63:A:ILE:HG23	1:69:A:MET:HE1	7	0.32
(15,1525)	1:63:A:ILE:HG23	1:69:A:MET:HE2	7	0.32
(15,1525)	1:63:A:ILE:HG23	1:69:A:MET:HE3	7	0.32
(15,1440)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	8	0.32
(15,1440)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	8	0.32
(15,1326)	1:8:A:ASP:HA	1:9:A:PHE:H	12	0.32
(15,925)	1:81:A:GLU:HA	1:81:A:GLU:HG2	13	0.32
(15,925)	1:81:A:GLU:HA	1:81:A:GLU:HG3	13	0.32
(15,883)	1:151:A:PHE:H	1:151:A:PHE:HB3	4	0.32
(15,843)	1:48:A:ARG:HA	1:48:A:ARG:HD2	17	0.32
(15,843)	1:48:A:ARG:HA	1:48:A:ARG:HD3	17	0.32
(15,837)	1:69:A:MET:HE1	1:114:A:ILE:HD11	6	0.32
(15,837)	1:69:A:MET:HE1	1:114:A:ILE:HD12	6	0.32
(15,837)	1:69:A:MET:HE1	1:114:A:ILE:HD13	6	0.32
(15,837)	1:69:A:MET:HE2	1:114:A:ILE:HD11	6	0.32
(15,837)	1:69:A:MET:HE2	1:114:A:ILE:HD12	6	0.32
(15,837)	1:69:A:MET:HE2	1:114:A:ILE:HD13	6	0.32
(15,837)	1:69:A:MET:HE3	1:114:A:ILE:HD11	6	0.32
(15,837)	1:69:A:MET:HE3	1:114:A:ILE:HD12	6	0.32
(15,837)	1:69:A:MET:HE3	1:114:A:ILE:HD13	6	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,765)	1:12:A:VAL:H	1:40:A:LEU:HD21	7	0.32
(15,765)	1:12:A:VAL:H	1:40:A:LEU:HD22	7	0.32
(15,765)	1:12:A:VAL:H	1:40:A:LEU:HD23	7	0.32
(15,714)	1:44:A:GLU:HB2	1:48:A:ARG:HE	2	0.32
(15,714)	1:44:A:GLU:HB3	1:48:A:ARG:HE	2	0.32
(15,710)	1:24:A:ASP:HA	1:27:A:ARG:HE	12	0.32
(15,675)	1:63:A:ILE:HG12	1:117:A:VAL:H	15	0.32
(15,555)	1:124:A:THR:H	1:127:A:CYS:HB3	2	0.32
(15,390)	1:106:A:ASP:H	1:112:A:GLN:HE21	11	0.32
(15,390)	1:106:A:ASP:H	1:112:A:GLN:HE21	18	0.32
(15,377)	1:40:A:LEU:HB2	1:41:A:LYS:H	18	0.32
(15,239)	1:10:A:ASN:H	1:13:A:ALA:HB1	11	0.32
(15,239)	1:10:A:ASN:H	1:13:A:ALA:HB2	11	0.32
(15,239)	1:10:A:ASN:H	1:13:A:ALA:HB3	11	0.32
(15,129)	1:79:A:THR:HB	1:80:A:TYR:H	12	0.32
(15,78)	1:22:A:ASP:HA	1:23:A:LEU:H	6	0.32
(15,42)	1:43:A:MET:HA	1:47:A:ALA:H	15	0.32
(15,8)	1:64:A:LYS:H	1:116:A:GLN:HE21	8	0.32
(13,2444)	1:139:A:LEU:HD11	1:144:A:LEU:H	14	0.32
(13,2444)	1:139:A:LEU:HD12	1:144:A:LEU:H	14	0.32
(13,2444)	1:139:A:LEU:HD13	1:144:A:LEU:H	14	0.32
(13,2444)	1:139:A:LEU:HD21	1:144:A:LEU:H	14	0.32
(13,2444)	1:139:A:LEU:HD22	1:144:A:LEU:H	14	0.32
(13,2444)	1:139:A:LEU:HD23	1:144:A:LEU:H	14	0.32
(13,2422)	1:136:A:CYS:HB2	1:149:A:ALA:H	18	0.32
(13,2422)	1:136:A:CYS:HB3	1:149:A:ALA:H	18	0.32
(13,2313)	1:107:A:LEU:HD11	1:115:A:ALA:H	12	0.32
(13,2313)	1:107:A:LEU:HD12	1:115:A:ALA:H	12	0.32
(13,2313)	1:107:A:LEU:HD13	1:115:A:ALA:H	12	0.32
(13,2313)	1:107:A:LEU:HD21	1:115:A:ALA:H	12	0.32
(13,2313)	1:107:A:LEU:HD22	1:115:A:ALA:H	12	0.32
(13,2313)	1:107:A:LEU:HD23	1:115:A:ALA:H	12	0.32
(13,2311)	1:107:A:LEU:HD11	1:112:A:GLN:HA	18	0.32
(13,2311)	1:107:A:LEU:HD12	1:112:A:GLN:HA	18	0.32
(13,2311)	1:107:A:LEU:HD13	1:112:A:GLN:HA	18	0.32
(13,2311)	1:107:A:LEU:HD21	1:112:A:GLN:HA	18	0.32
(13,2311)	1:107:A:LEU:HD22	1:112:A:GLN:HA	18	0.32
(13,2311)	1:107:A:LEU:HD23	1:112:A:GLN:HA	18	0.32
(13,2261)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	9	0.32
(13,2261)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	9	0.32
(13,2261)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	9	0.32
(13,2261)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	9	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2261)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	9	0.32
(13,2261)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	9	0.32
(13,2220)	1:69:A:MET:HE1	1:116:A:GLN:HE21	6	0.32
(13,2220)	1:69:A:MET:HE1	1:116:A:GLN:HE22	6	0.32
(13,2220)	1:69:A:MET:HE2	1:116:A:GLN:HE21	6	0.32
(13,2220)	1:69:A:MET:HE2	1:116:A:GLN:HE22	6	0.32
(13,2220)	1:69:A:MET:HE3	1:116:A:GLN:HE21	6	0.32
(13,2220)	1:69:A:MET:HE3	1:116:A:GLN:HE22	6	0.32
(13,2198)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	18	0.32
(13,2198)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	18	0.32
(13,2198)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	18	0.32
(13,2198)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	18	0.32
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD11	3	0.32
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD12	3	0.32
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD13	3	0.32
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD21	3	0.32
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD22	3	0.32
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD23	3	0.32
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD11	5	0.32
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD12	5	0.32
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD13	5	0.32
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD21	5	0.32
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD22	5	0.32
(13,1995)	1:21:A:THR:HB	1:23:A:LEU:HD23	5	0.32
(13,1984)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	12	0.32
(13,1984)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	12	0.32
(13,1984)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	12	0.32
(13,1984)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	0.32
(13,1984)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	0.32
(13,1984)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	0.32
(13,1984)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	12	0.32
(13,1984)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	12	0.32
(13,1984)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	12	0.32
(13,1984)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	0.32
(13,1984)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	0.32
(13,1984)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	0.32
(13,1952)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	14	0.32
(13,1952)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	14	0.32
(13,1952)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	14	0.32
(13,1952)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	14	0.32
(13,1952)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	14	0.32
(13,1952)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	14	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1952)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	14	0.32
(13,1952)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	14	0.32
(13,1952)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	14	0.32
(13,1952)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	14	0.32
(13,1952)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	14	0.32
(13,1952)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	14	0.32
(13,1941)	1:13:A:ALA:H	1:40:A:LEU:HD11	14	0.32
(13,1941)	1:13:A:ALA:H	1:40:A:LEU:HD12	14	0.32
(13,1941)	1:13:A:ALA:H	1:40:A:LEU:HD13	14	0.32
(13,1941)	1:13:A:ALA:H	1:40:A:LEU:HD21	14	0.32
(13,1941)	1:13:A:ALA:H	1:40:A:LEU:HD22	14	0.32
(13,1941)	1:13:A:ALA:H	1:40:A:LEU:HD23	14	0.32
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	12	0.32
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	12	0.32
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	12	0.32
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	12	0.32
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	12	0.32
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	12	0.32
(13,1906)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	10	0.32
(13,1906)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	10	0.32
(13,1906)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	10	0.32
(13,1906)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	10	0.32
(13,1906)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	10	0.32
(13,1906)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	10	0.32
(13,1906)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	10	0.32
(13,1906)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	10	0.32
(13,1906)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	10	0.32
(13,1906)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	10	0.32
(13,1906)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	10	0.32
(13,1906)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	10	0.32
(13,1846)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	17	0.32
(13,1846)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	17	0.32
(13,1805)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	12	0.32
(13,1805)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	12	0.32
(13,1805)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	12	0.32
(13,1805)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	12	0.32
(13,1670)	1:43:A:MET:HG2	1:43:A:MET:HE1	16	0.32
(13,1670)	1:43:A:MET:HG2	1:43:A:MET:HE2	16	0.32
(13,1670)	1:43:A:MET:HG2	1:43:A:MET:HE3	16	0.32
(13,1555)	1:98:A:ILE:HG21	1:116:A:GLN:H	2	0.32
(13,1555)	1:98:A:ILE:HG22	1:116:A:GLN:H	2	0.32
(13,1555)	1:98:A:ILE:HG23	1:116:A:GLN:H	2	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE1	17	0.32
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE2	17	0.32
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE3	17	0.32
(13,1299)	1:8:A:ASP:HA	1:9:A:PHE:H	12	0.32
(13,1152)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	17	0.32
(13,1152)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	17	0.32
(13,1152)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	17	0.32
(13,1128)	1:145:A:PRO:HB2	1:146:A:GLN:HA	12	0.32
(13,1068)	1:45:A:ALA:HA	1:48:A:ARG:HG2	3	0.32
(13,1068)	1:45:A:ALA:HA	1:48:A:ARG:HG3	3	0.32
(13,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	7	0.32
(13,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	7	0.32
(13,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	7	0.32
(13,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	7	0.32
(13,935)	1:39:A:VAL:HA	1:43:A:MET:HG3	15	0.32
(13,857)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	15	0.32
(13,857)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	15	0.32
(13,826)	1:48:A:ARG:HA	1:48:A:ARG:HD2	17	0.32
(13,826)	1:48:A:ARG:HA	1:48:A:ARG:HD3	17	0.32
(13,760)	1:101:A:ILE:HD11	1:115:A:ALA:H	10	0.32
(13,760)	1:101:A:ILE:HD12	1:115:A:ALA:H	10	0.32
(13,760)	1:101:A:ILE:HD13	1:115:A:ALA:H	10	0.32
(13,746)	1:37:A:LEU:H	1:40:A:LEU:HB2	14	0.32
(13,737)	1:147:A:ARG:HA	1:147:A:ARG:HE	2	0.32
(13,647)	1:101:A:ILE:HB	1:103:A:ARG:H	9	0.32
(13,524)	1:71:A:LYS:HG3	1:72:A:PHE:H	2	0.32
(13,524)	1:71:A:LYS:HG3	1:72:A:PHE:H	16	0.32
(13,383)	1:106:A:ASP:H	1:112:A:GLN:HE21	11	0.32
(13,383)	1:106:A:ASP:H	1:112:A:GLN:HE21	18	0.32
(13,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	8	0.32
(13,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	8	0.32
(13,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	8	0.32
(13,71)	1:22:A:ASP:HA	1:23:A:LEU:H	6	0.32
(11,2450)	1:140:A:LEU:HD11	1:144:A:LEU:H	13	0.32
(11,2450)	1:140:A:LEU:HD12	1:144:A:LEU:H	13	0.32
(11,2450)	1:140:A:LEU:HD13	1:144:A:LEU:H	13	0.32
(11,2450)	1:140:A:LEU:HD21	1:144:A:LEU:H	13	0.32
(11,2450)	1:140:A:LEU:HD22	1:144:A:LEU:H	13	0.32
(11,2450)	1:140:A:LEU:HD23	1:144:A:LEU:H	13	0.32
(11,2425)	1:137:A:SER:HB2	1:140:A:LEU:HB2	14	0.32
(11,2425)	1:137:A:SER:HB3	1:140:A:LEU:HB2	14	0.32
(11,2359)	1:111:A:GLU:HG2	1:114:A:ILE:HG21	18	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2359)	1:111:A:GLU:HG2	1:114:A:ILE:HG22	18	0.32
(11,2359)	1:111:A:GLU:HG2	1:114:A:ILE:HG23	18	0.32
(11,2359)	1:111:A:GLU:HG3	1:114:A:ILE:HG21	18	0.32
(11,2359)	1:111:A:GLU:HG3	1:114:A:ILE:HG22	18	0.32
(11,2359)	1:111:A:GLU:HG3	1:114:A:ILE:HG23	18	0.32
(11,2308)	1:98:A:ILE:HD11	1:116:A:GLN:HE21	10	0.32
(11,2308)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	10	0.32
(11,2308)	1:98:A:ILE:HD12	1:116:A:GLN:HE21	10	0.32
(11,2308)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	10	0.32
(11,2308)	1:98:A:ILE:HD13	1:116:A:GLN:HE21	10	0.32
(11,2308)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	10	0.32
(11,2162)	1:43:A:MET:HE1	1:46:A:ASN:HD21	7	0.32
(11,2162)	1:43:A:MET:HE1	1:46:A:ASN:HD22	7	0.32
(11,2162)	1:43:A:MET:HE2	1:46:A:ASN:HD21	7	0.32
(11,2162)	1:43:A:MET:HE2	1:46:A:ASN:HD22	7	0.32
(11,2162)	1:43:A:MET:HE3	1:46:A:ASN:HD21	7	0.32
(11,2162)	1:43:A:MET:HE3	1:46:A:ASN:HD22	7	0.32
(11,2136)	1:39:A:VAL:HG11	1:144:A:LEU:HD11	6	0.32
(11,2136)	1:39:A:VAL:HG11	1:144:A:LEU:HD12	6	0.32
(11,2136)	1:39:A:VAL:HG11	1:144:A:LEU:HD13	6	0.32
(11,2136)	1:39:A:VAL:HG12	1:144:A:LEU:HD11	6	0.32
(11,2136)	1:39:A:VAL:HG12	1:144:A:LEU:HD12	6	0.32
(11,2136)	1:39:A:VAL:HG12	1:144:A:LEU:HD13	6	0.32
(11,2136)	1:39:A:VAL:HG13	1:144:A:LEU:HD11	6	0.32
(11,2136)	1:39:A:VAL:HG13	1:144:A:LEU:HD12	6	0.32
(11,2136)	1:39:A:VAL:HG13	1:144:A:LEU:HD13	6	0.32
(11,2136)	1:39:A:VAL:HG21	1:144:A:LEU:HD11	6	0.32
(11,2136)	1:39:A:VAL:HG21	1:144:A:LEU:HD12	6	0.32
(11,2136)	1:39:A:VAL:HG21	1:144:A:LEU:HD13	6	0.32
(11,2136)	1:39:A:VAL:HG22	1:144:A:LEU:HD11	6	0.32
(11,2136)	1:39:A:VAL:HG22	1:144:A:LEU:HD12	6	0.32
(11,2136)	1:39:A:VAL:HG22	1:144:A:LEU:HD13	6	0.32
(11,2136)	1:39:A:VAL:HG23	1:144:A:LEU:HD11	6	0.32
(11,2136)	1:39:A:VAL:HG23	1:144:A:LEU:HD12	6	0.32
(11,2136)	1:39:A:VAL:HG23	1:144:A:LEU:HD13	6	0.32
(11,2136)	1:39:A:VAL:HG11	1:144:A:LEU:HD21	6	0.32
(11,2136)	1:39:A:VAL:HG11	1:144:A:LEU:HD22	6	0.32
(11,2136)	1:39:A:VAL:HG11	1:144:A:LEU:HD23	6	0.32
(11,2136)	1:39:A:VAL:HG12	1:144:A:LEU:HD21	6	0.32
(11,2136)	1:39:A:VAL:HG12	1:144:A:LEU:HD22	6	0.32
(11,2136)	1:39:A:VAL:HG12	1:144:A:LEU:HD23	6	0.32
(11,2136)	1:39:A:VAL:HG13	1:144:A:LEU:HD21	6	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2136)	1:39:A:VAL:HG13	1:144:A:LEU:HD22	6	0.32
(11,2136)	1:39:A:VAL:HG13	1:144:A:LEU:HD23	6	0.32
(11,2136)	1:39:A:VAL:HG21	1:144:A:LEU:HD21	6	0.32
(11,2136)	1:39:A:VAL:HG21	1:144:A:LEU:HD22	6	0.32
(11,2136)	1:39:A:VAL:HG21	1:144:A:LEU:HD23	6	0.32
(11,2136)	1:39:A:VAL:HG22	1:144:A:LEU:HD21	6	0.32
(11,2136)	1:39:A:VAL:HG22	1:144:A:LEU:HD22	6	0.32
(11,2136)	1:39:A:VAL:HG22	1:144:A:LEU:HD23	6	0.32
(11,2136)	1:39:A:VAL:HG23	1:144:A:LEU:HD21	6	0.32
(11,2136)	1:39:A:VAL:HG23	1:144:A:LEU:HD22	6	0.32
(11,2136)	1:39:A:VAL:HG23	1:144:A:LEU:HD23	6	0.32
(11,2085)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	6	0.32
(11,2085)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	6	0.32
(11,2085)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	6	0.32
(11,2085)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	6	0.32
(11,2085)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	6	0.32
(11,2085)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	6	0.32
(11,2085)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	18	0.32
(11,2085)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	18	0.32
(11,2085)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	18	0.32
(11,2085)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	18	0.32
(11,2085)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	18	0.32
(11,2085)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	18	0.32
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG21	4	0.32
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG22	4	0.32
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG23	4	0.32
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG21	4	0.32
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG22	4	0.32
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG23	4	0.32
(11,1923)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	19	0.32
(11,1923)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	19	0.32
(11,1920)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	2	0.32
(11,1920)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	2	0.32
(11,1920)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	2	0.32
(11,1920)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	2	0.32
(11,1915)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	9	0.32
(11,1915)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	9	0.32
(11,1915)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	9	0.32
(11,1915)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	9	0.32
(11,1915)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	9	0.32
(11,1915)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	9	0.32
(11,1690)	1:69:A:MET:HA	1:69:A:MET:HE1	10	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1690)	1:69:A:MET:HA	1:69:A:MET:HE2	10	0.32
(11,1690)	1:69:A:MET:HA	1:69:A:MET:HE3	10	0.32
(11,1681)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	11	0.32
(11,1681)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	11	0.32
(11,1681)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	11	0.32
(11,1597)	1:11:A:ILE:HD11	1:18:A:PHE:HD1	9	0.32
(11,1597)	1:11:A:ILE:HD11	1:18:A:PHE:HD2	9	0.32
(11,1597)	1:11:A:ILE:HD12	1:18:A:PHE:HD1	9	0.32
(11,1597)	1:11:A:ILE:HD12	1:18:A:PHE:HD2	9	0.32
(11,1597)	1:11:A:ILE:HD13	1:18:A:PHE:HD1	9	0.32
(11,1597)	1:11:A:ILE:HD13	1:18:A:PHE:HD2	9	0.32
(11,1595)	1:11:A:ILE:HD11	1:14:A:VAL:H	18	0.32
(11,1595)	1:11:A:ILE:HD12	1:14:A:VAL:H	18	0.32
(11,1595)	1:11:A:ILE:HD13	1:14:A:VAL:H	18	0.32
(11,1468)	1:47:A:ALA:HA	1:50:A:ALA:HB1	5	0.32
(11,1468)	1:47:A:ALA:HA	1:50:A:ALA:HB2	5	0.32
(11,1468)	1:47:A:ALA:HA	1:50:A:ALA:HB3	5	0.32
(11,1450)	1:119:A:LEU:HA	1:121:A:VAL:HG21	16	0.32
(11,1450)	1:119:A:LEU:HA	1:121:A:VAL:HG22	16	0.32
(11,1450)	1:119:A:LEU:HA	1:121:A:VAL:HG23	16	0.32
(11,1427)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	10	0.32
(11,1427)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	10	0.32
(11,1427)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	10	0.32
(11,1130)	1:143:A:TRP:HA	1:143:A:TRP:HE3	2	0.32
(11,1118)	1:146:A:GLN:HA	1:147:A:ARG:HG2	15	0.32
(11,1118)	1:146:A:GLN:HA	1:147:A:ARG:HG3	15	0.32
(11,995)	1:102:A:PRO:HA	1:105:A:LYS:HD2	10	0.32
(11,995)	1:102:A:PRO:HA	1:105:A:LYS:HD3	10	0.32
(11,971)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	13	0.32
(11,971)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	13	0.32
(11,964)	1:15:A:ALA:HB1	1:43:A:MET:HB2	19	0.32
(11,964)	1:15:A:ALA:HB2	1:43:A:MET:HB2	19	0.32
(11,964)	1:15:A:ALA:HB3	1:43:A:MET:HB2	19	0.32
(11,922)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	2	0.32
(11,922)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	2	0.32
(11,922)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	2	0.32
(11,922)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	11	0.32
(11,922)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	11	0.32
(11,922)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	11	0.32
(11,862)	1:60:A:LEU:HB2	1:63:A:ILE:H	19	0.32
(11,840)	1:48:A:ARG:HA	1:48:A:ARG:HD2	17	0.32
(11,840)	1:48:A:ARG:HA	1:48:A:ARG:HD3	17	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	11	0.32
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	11	0.32
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	11	0.32
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	11	0.32
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	11	0.32
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	11	0.32
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	11	0.32
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	11	0.32
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	11	0.32
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	18	0.32
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	18	0.32
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	18	0.32
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	18	0.32
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	18	0.32
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	18	0.32
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	18	0.32
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	18	0.32
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	18	0.32
(11,810)	1:64:A:LYS:H	1:98:A:ILE:HD11	11	0.32
(11,810)	1:64:A:LYS:H	1:98:A:ILE:HD12	11	0.32
(11,810)	1:64:A:LYS:H	1:98:A:ILE:HD13	11	0.32
(11,771)	1:101:A:ILE:HD11	1:115:A:ALA:H	10	0.32
(11,771)	1:101:A:ILE:HD12	1:115:A:ALA:H	10	0.32
(11,771)	1:101:A:ILE:HD13	1:115:A:ALA:H	10	0.32
(11,657)	1:101:A:ILE:HB	1:103:A:ARG:H	9	0.32
(11,549)	1:124:A:THR:H	1:127:A:CYS:HB3	2	0.32
(11,494)	1:97:A:ASP:HB2	1:105:A:LYS:H	10	0.32
(11,494)	1:97:A:ASP:HB3	1:105:A:LYS:H	10	0.32
(11,493)	1:8:A:ASP:HB2	1:9:A:PHE:H	7	0.32
(11,392)	1:106:A:ASP:H	1:112:A:GLN:HE21	11	0.32
(11,392)	1:106:A:ASP:H	1:112:A:GLN:HE21	18	0.32
(11,321)	1:56:A:CYS:HA	1:122:A:ASP:H	4	0.32
(11,321)	1:56:A:CYS:HA	1:122:A:ASP:H	9	0.32
(11,77)	1:22:A:ASP:HA	1:23:A:LEU:H	6	0.32
(9,2238)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	9	0.32
(9,2238)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	9	0.32
(9,2238)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	9	0.32
(9,2238)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	9	0.32
(9,2238)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	9	0.32
(9,2238)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	9	0.32
(9,2187)	1:66:A:THR:H	1:116:A:GLN:HE21	10	0.32
(9,2187)	1:66:A:THR:H	1:116:A:GLN:HE22	10	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2163)	1:60:A:LEU:HD11	1:61:A:SER:HB2	18	0.32
(9,2163)	1:60:A:LEU:HD11	1:61:A:SER:HB3	18	0.32
(9,2163)	1:60:A:LEU:HD12	1:61:A:SER:HB2	18	0.32
(9,2163)	1:60:A:LEU:HD12	1:61:A:SER:HB3	18	0.32
(9,2163)	1:60:A:LEU:HD13	1:61:A:SER:HB2	18	0.32
(9,2163)	1:60:A:LEU:HD13	1:61:A:SER:HB3	18	0.32
(9,2163)	1:60:A:LEU:HD11	1:61:A:SER:HB2	19	0.32
(9,2163)	1:60:A:LEU:HD11	1:61:A:SER:HB3	19	0.32
(9,2163)	1:60:A:LEU:HD12	1:61:A:SER:HB2	19	0.32
(9,2163)	1:60:A:LEU:HD12	1:61:A:SER:HB3	19	0.32
(9,2163)	1:60:A:LEU:HD13	1:61:A:SER:HB2	19	0.32
(9,2163)	1:60:A:LEU:HD13	1:61:A:SER:HB3	19	0.32
(9,2147)	1:56:A:CYS:H	1:122:A:ASP:HB2	16	0.32
(9,2147)	1:56:A:CYS:H	1:122:A:ASP:HB3	16	0.32
(9,2126)	1:43:A:MET:HE1	1:131:A:LEU:HD11	1	0.32
(9,2126)	1:43:A:MET:HE1	1:131:A:LEU:HD12	1	0.32
(9,2126)	1:43:A:MET:HE1	1:131:A:LEU:HD13	1	0.32
(9,2126)	1:43:A:MET:HE1	1:131:A:LEU:HD21	1	0.32
(9,2126)	1:43:A:MET:HE1	1:131:A:LEU:HD22	1	0.32
(9,2126)	1:43:A:MET:HE1	1:131:A:LEU:HD23	1	0.32
(9,2126)	1:43:A:MET:HE2	1:131:A:LEU:HD11	1	0.32
(9,2126)	1:43:A:MET:HE2	1:131:A:LEU:HD12	1	0.32
(9,2126)	1:43:A:MET:HE2	1:131:A:LEU:HD13	1	0.32
(9,2126)	1:43:A:MET:HE2	1:131:A:LEU:HD21	1	0.32
(9,2126)	1:43:A:MET:HE2	1:131:A:LEU:HD22	1	0.32
(9,2126)	1:43:A:MET:HE2	1:131:A:LEU:HD23	1	0.32
(9,2126)	1:43:A:MET:HE3	1:131:A:LEU:HD11	1	0.32
(9,2126)	1:43:A:MET:HE3	1:131:A:LEU:HD12	1	0.32
(9,2126)	1:43:A:MET:HE3	1:131:A:LEU:HD13	1	0.32
(9,2126)	1:43:A:MET:HE3	1:131:A:LEU:HD21	1	0.32
(9,2126)	1:43:A:MET:HE3	1:131:A:LEU:HD22	1	0.32
(9,2126)	1:43:A:MET:HE3	1:131:A:LEU:HD23	1	0.32
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG11	2	0.32
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG12	2	0.32
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG13	2	0.32
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG21	2	0.32
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG22	2	0.32
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG23	2	0.32
(9,2089)	1:39:A:VAL:HG11	1:40:A:LEU:HA	8	0.32
(9,2089)	1:39:A:VAL:HG12	1:40:A:LEU:HA	8	0.32
(9,2089)	1:39:A:VAL:HG13	1:40:A:LEU:HA	8	0.32
(9,2089)	1:39:A:VAL:HG21	1:40:A:LEU:HA	8	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2089)	1:39:A:VAL:HG22	1:40:A:LEU:HA	8	0.32
(9,2089)	1:39:A:VAL:HG23	1:40:A:LEU:HA	8	0.32
(9,2004)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	12	0.32
(9,2004)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	12	0.32
(9,2004)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	12	0.32
(9,2004)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	12	0.32
(9,2004)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	12	0.32
(9,2004)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	12	0.32
(9,2004)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	12	0.32
(9,2004)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	12	0.32
(9,2004)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	12	0.32
(9,2004)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	12	0.32
(9,2004)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	12	0.32
(9,2004)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	12	0.32
(9,1903)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	1	0.32
(9,1903)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	1	0.32
(9,1903)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	1	0.32
(9,1903)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	1	0.32
(9,1903)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	1	0.32
(9,1903)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	1	0.32
(9,1899)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	2	0.32
(9,1899)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	2	0.32
(9,1899)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	2	0.32
(9,1899)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	2	0.32
(9,1826)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	9	0.32
(9,1826)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	9	0.32
(9,1740)	1:39:A:VAL:HA	1:140:A:LEU:HD11	2	0.32
(9,1740)	1:39:A:VAL:HA	1:140:A:LEU:HD12	2	0.32
(9,1740)	1:39:A:VAL:HA	1:140:A:LEU:HD13	2	0.32
(9,1731)	1:31:A:PRO:HB2	1:35:A:LEU:HA	5	0.32
(9,1731)	1:31:A:PRO:HB3	1:35:A:LEU:HA	5	0.32
(9,1693)	1:43:A:MET:HG2	1:43:A:MET:HE1	16	0.32
(9,1693)	1:43:A:MET:HG2	1:43:A:MET:HE2	16	0.32
(9,1693)	1:43:A:MET:HG2	1:43:A:MET:HE3	16	0.32
(9,1639)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	2	0.32
(9,1639)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	2	0.32
(9,1639)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	2	0.32
(9,1639)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	2	0.32
(9,1639)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	2	0.32
(9,1639)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	2	0.32
(9,1639)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	13	0.32
(9,1639)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	13	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1639)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	13	0.32
(9,1639)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	13	0.32
(9,1639)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	13	0.32
(9,1639)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	13	0.32
(9,1591)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	13	0.32
(9,1591)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	13	0.32
(9,1591)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	13	0.32
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE1	17	0.32
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE2	17	0.32
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE3	17	0.32
(9,1426)	1:119:A:LEU:HA	1:121:A:VAL:HG21	16	0.32
(9,1426)	1:119:A:LEU:HA	1:121:A:VAL:HG22	16	0.32
(9,1426)	1:119:A:LEU:HA	1:121:A:VAL:HG23	16	0.32
(9,1325)	1:8:A:ASP:HA	1:9:A:PHE:H	12	0.32
(9,1267)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	6	0.32
(9,1267)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	6	0.32
(9,1267)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	6	0.32
(9,1267)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	6	0.32
(9,1267)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	6	0.32
(9,1267)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	6	0.32
(9,1247)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	15	0.32
(9,1247)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	15	0.32
(9,1247)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	15	0.32
(9,1247)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	15	0.32
(9,1247)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	15	0.32
(9,1247)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	15	0.32
(9,1233)	1:140:A:LEU:HA	1:140:A:LEU:HD11	17	0.32
(9,1233)	1:140:A:LEU:HA	1:140:A:LEU:HD12	17	0.32
(9,1233)	1:140:A:LEU:HA	1:140:A:LEU:HD13	17	0.32
(9,1123)	1:143:A:TRP:HA	1:143:A:TRP:HE3	2	0.32
(9,1120)	1:105:A:LYS:HA	1:105:A:LYS:HG2	17	0.32
(9,1059)	1:71:A:LYS:HG3	1:72:A:PHE:HA	2	0.32
(9,1037)	1:11:A:ILE:HA	1:11:A:ILE:HD11	13	0.32
(9,1037)	1:11:A:ILE:HA	1:11:A:ILE:HD12	13	0.32
(9,1037)	1:11:A:ILE:HA	1:11:A:ILE:HD13	13	0.32
(9,965)	1:141:A:LYS:HB2	1:149:A:ALA:HA	18	0.32
(9,965)	1:141:A:LYS:HB3	1:149:A:ALA:HA	18	0.32
(9,927)	1:81:A:GLU:HA	1:81:A:GLU:HG2	2	0.32
(9,927)	1:81:A:GLU:HA	1:81:A:GLU:HG3	2	0.32
(9,927)	1:81:A:GLU:HA	1:81:A:GLU:HG2	3	0.32
(9,927)	1:81:A:GLU:HA	1:81:A:GLU:HG3	3	0.32
(9,927)	1:81:A:GLU:HA	1:81:A:GLU:HG2	14	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,927)	1:81:A:GLU:HA	1:81:A:GLU:HG3	14	0.32
(9,916)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	2	0.32
(9,916)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	2	0.32
(9,916)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	2	0.32
(9,916)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	11	0.32
(9,916)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	11	0.32
(9,916)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	11	0.32
(9,914)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	15	0.32
(9,839)	1:48:A:ARG:HA	1:48:A:ARG:HD2	17	0.32
(9,839)	1:48:A:ARG:HA	1:48:A:ARG:HD3	17	0.32
(9,810)	1:64:A:LYS:H	1:98:A:ILE:HD11	11	0.32
(9,810)	1:64:A:LYS:H	1:98:A:ILE:HD12	11	0.32
(9,810)	1:64:A:LYS:H	1:98:A:ILE:HD13	11	0.32
(9,794)	1:54:A:ARG:HB3	1:58:A:ILE:HD11	13	0.32
(9,794)	1:54:A:ARG:HB3	1:58:A:ILE:HD12	13	0.32
(9,794)	1:54:A:ARG:HB3	1:58:A:ILE:HD13	13	0.32
(9,703)	1:24:A:ASP:HA	1:27:A:ARG:HE	12	0.32
(9,653)	1:101:A:ILE:HB	1:103:A:ARG:H	9	0.32
(9,551)	1:124:A:THR:H	1:127:A:CYS:HB3	2	0.32
(9,534)	1:70:A:LYS:HB2	1:72:A:PHE:H	10	0.32
(9,534)	1:70:A:LYS:HB3	1:72:A:PHE:H	10	0.32
(9,396)	1:106:A:ASP:H	1:112:A:GLN:HE21	11	0.32
(9,396)	1:106:A:ASP:H	1:112:A:GLN:HE21	18	0.32
(9,384)	1:40:A:LEU:HB3	1:41:A:LYS:H	19	0.32
(9,328)	1:56:A:CYS:HA	1:122:A:ASP:H	4	0.32
(9,328)	1:56:A:CYS:HA	1:122:A:ASP:H	9	0.32
(9,237)	1:10:A:ASN:H	1:13:A:ALA:HB1	11	0.32
(9,237)	1:10:A:ASN:H	1:13:A:ALA:HB2	11	0.32
(9,237)	1:10:A:ASN:H	1:13:A:ALA:HB3	11	0.32
(9,236)	1:11:A:ILE:HB	1:44:A:GLU:H	1	0.32
(9,150)	1:131:A:LEU:H	1:131:A:LEU:HG	7	0.32
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB1	1	0.32
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB2	1	0.32
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB3	1	0.32
(9,74)	1:22:A:ASP:HA	1:23:A:LEU:H	6	0.32
(9,30)	1:96:A:VAL:H	1:97:A:ASP:H	15	0.32
(7,2448)	1:139:A:LEU:HD11	1:144:A:LEU:H	14	0.32
(7,2448)	1:139:A:LEU:HD12	1:144:A:LEU:H	14	0.32
(7,2448)	1:139:A:LEU:HD13	1:144:A:LEU:H	14	0.32
(7,2448)	1:139:A:LEU:HD21	1:144:A:LEU:H	14	0.32
(7,2448)	1:139:A:LEU:HD22	1:144:A:LEU:H	14	0.32
(7,2448)	1:139:A:LEU:HD23	1:144:A:LEU:H	14	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2400)	1:129:A:LYS:HG2	1:130:A:GLY:H	19	0.32
(7,2400)	1:129:A:LYS:HG3	1:130:A:GLY:H	19	0.32
(7,2336)	1:111:A:GLU:H	1:111:A:GLU:HG2	12	0.32
(7,2336)	1:111:A:GLU:H	1:111:A:GLU:HG3	12	0.32
(7,2122)	1:43:A:MET:HE1	1:131:A:LEU:HD11	1	0.32
(7,2122)	1:43:A:MET:HE1	1:131:A:LEU:HD12	1	0.32
(7,2122)	1:43:A:MET:HE1	1:131:A:LEU:HD13	1	0.32
(7,2122)	1:43:A:MET:HE1	1:131:A:LEU:HD21	1	0.32
(7,2122)	1:43:A:MET:HE1	1:131:A:LEU:HD22	1	0.32
(7,2122)	1:43:A:MET:HE1	1:131:A:LEU:HD23	1	0.32
(7,2122)	1:43:A:MET:HE2	1:131:A:LEU:HD11	1	0.32
(7,2122)	1:43:A:MET:HE2	1:131:A:LEU:HD12	1	0.32
(7,2122)	1:43:A:MET:HE2	1:131:A:LEU:HD13	1	0.32
(7,2122)	1:43:A:MET:HE2	1:131:A:LEU:HD21	1	0.32
(7,2122)	1:43:A:MET:HE2	1:131:A:LEU:HD22	1	0.32
(7,2122)	1:43:A:MET:HE2	1:131:A:LEU:HD23	1	0.32
(7,2122)	1:43:A:MET:HE3	1:131:A:LEU:HD11	1	0.32
(7,2122)	1:43:A:MET:HE3	1:131:A:LEU:HD12	1	0.32
(7,2122)	1:43:A:MET:HE3	1:131:A:LEU:HD13	1	0.32
(7,2122)	1:43:A:MET:HE3	1:131:A:LEU:HD21	1	0.32
(7,2122)	1:43:A:MET:HE3	1:131:A:LEU:HD22	1	0.32
(7,2122)	1:43:A:MET:HE3	1:131:A:LEU:HD23	1	0.32
(7,2085)	1:39:A:VAL:HG11	1:43:A:MET:HB2	17	0.32
(7,2085)	1:39:A:VAL:HG12	1:43:A:MET:HB2	17	0.32
(7,2085)	1:39:A:VAL:HG13	1:43:A:MET:HB2	17	0.32
(7,2085)	1:39:A:VAL:HG21	1:43:A:MET:HB2	17	0.32
(7,2085)	1:39:A:VAL:HG22	1:43:A:MET:HB2	17	0.32
(7,2085)	1:39:A:VAL:HG23	1:43:A:MET:HB2	17	0.32
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD11	5	0.32
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD12	5	0.32
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD13	5	0.32
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD21	5	0.32
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD22	5	0.32
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD23	5	0.32
(7,2040)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	16	0.32
(7,2040)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	16	0.32
(7,2040)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	16	0.32
(7,2040)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	16	0.32
(7,2040)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	16	0.32
(7,2040)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	16	0.32
(7,2000)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	6	0.32
(7,2000)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	6	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2000)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	6	0.32
(7,2000)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	6	0.32
(7,1774)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	15	0.32
(7,1774)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	15	0.32
(7,1774)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	15	0.32
(7,1774)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	15	0.32
(7,1754)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	8	0.32
(7,1754)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	8	0.32
(7,1754)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	8	0.32
(7,1754)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	8	0.32
(7,1754)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	8	0.32
(7,1754)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	8	0.32
(7,1754)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	8	0.32
(7,1754)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	8	0.32
(7,1754)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	8	0.32
(7,1754)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	8	0.32
(7,1754)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	8	0.32
(7,1754)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	8	0.32
(7,1710)	1:39:A:VAL:HA	1:140:A:LEU:HD11	2	0.32
(7,1710)	1:39:A:VAL:HA	1:140:A:LEU:HD12	2	0.32
(7,1710)	1:39:A:VAL:HA	1:140:A:LEU:HD13	2	0.32
(7,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG21	3	0.32
(7,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG22	3	0.32
(7,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG23	3	0.32
(7,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG21	3	0.32
(7,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG22	3	0.32
(7,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG23	3	0.32
(7,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG21	3	0.32
(7,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG22	3	0.32
(7,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG23	3	0.32
(7,1663)	1:57:A:LEU:HB3	1:58:A:ILE:HD11	5	0.32
(7,1663)	1:57:A:LEU:HB3	1:58:A:ILE:HD12	5	0.32
(7,1663)	1:57:A:LEU:HB3	1:58:A:ILE:HD13	5	0.32
(7,1653)	1:69:A:MET:HA	1:109:A:PRO:HA	2	0.32
(7,1625)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	7	0.32
(7,1625)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	7	0.32
(7,1625)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	7	0.32
(7,1625)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	7	0.32
(7,1625)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	7	0.32
(7,1625)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	7	0.32
(7,1625)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	7	0.32
(7,1625)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	7	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1625)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	7	0.32
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG21	2	0.32
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG22	2	0.32
(7,1576)	1:120:A:CYS:H	1:121:A:VAL:HG23	2	0.32
(7,1570)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	7	0.32
(7,1570)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	7	0.32
(7,1570)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	7	0.32
(7,1570)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	7	0.32
(7,1570)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	7	0.32
(7,1570)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	7	0.32
(7,1558)	1:98:A:ILE:HG21	1:116:A:GLN:H	2	0.32
(7,1558)	1:98:A:ILE:HG22	1:116:A:GLN:H	2	0.32
(7,1558)	1:98:A:ILE:HG23	1:116:A:GLN:H	2	0.32
(7,1542)	1:11:A:ILE:HD11	1:14:A:VAL:H	18	0.32
(7,1542)	1:11:A:ILE:HD12	1:14:A:VAL:H	18	0.32
(7,1542)	1:11:A:ILE:HD13	1:14:A:VAL:H	18	0.32
(7,1517)	1:63:A:ILE:HG21	1:69:A:MET:HE1	7	0.32
(7,1517)	1:63:A:ILE:HG21	1:69:A:MET:HE2	7	0.32
(7,1517)	1:63:A:ILE:HG21	1:69:A:MET:HE3	7	0.32
(7,1517)	1:63:A:ILE:HG22	1:69:A:MET:HE1	7	0.32
(7,1517)	1:63:A:ILE:HG22	1:69:A:MET:HE2	7	0.32
(7,1517)	1:63:A:ILE:HG22	1:69:A:MET:HE3	7	0.32
(7,1517)	1:63:A:ILE:HG23	1:69:A:MET:HE1	7	0.32
(7,1517)	1:63:A:ILE:HG23	1:69:A:MET:HE2	7	0.32
(7,1517)	1:63:A:ILE:HG23	1:69:A:MET:HE3	7	0.32
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE1	2	0.32
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE2	2	0.32
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE3	2	0.32
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE1	8	0.32
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE2	8	0.32
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE3	8	0.32
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE1	15	0.32
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE2	15	0.32
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE3	15	0.32
(7,1426)	1:50:A:ALA:HB1	1:130:A:GLY:H	5	0.32
(7,1426)	1:50:A:ALA:HB2	1:130:A:GLY:H	5	0.32
(7,1426)	1:50:A:ALA:HB3	1:130:A:GLY:H	5	0.32
(7,1414)	1:119:A:LEU:HA	1:121:A:VAL:HG21	16	0.32
(7,1414)	1:119:A:LEU:HA	1:121:A:VAL:HG22	16	0.32
(7,1414)	1:119:A:LEU:HA	1:121:A:VAL:HG23	16	0.32
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG21	5	0.32
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG22	5	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG23	5	0.32
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG11	3	0.32
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG12	3	0.32
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG13	3	0.32
(7,1309)	1:8:A:ASP:HA	1:9:A:PHE:H	12	0.32
(7,1174)	1:107:A:LEU:HD21	1:111:A:GLU:HB2	16	0.32
(7,1174)	1:107:A:LEU:HD21	1:111:A:GLU:HB3	16	0.32
(7,1174)	1:107:A:LEU:HD22	1:111:A:GLU:HB2	16	0.32
(7,1174)	1:107:A:LEU:HD22	1:111:A:GLU:HB3	16	0.32
(7,1174)	1:107:A:LEU:HD23	1:111:A:GLU:HB2	16	0.32
(7,1174)	1:107:A:LEU:HD23	1:111:A:GLU:HB3	16	0.32
(7,1100)	1:143:A:TRP:HA	1:143:A:TRP:HE3	2	0.32
(7,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	7	0.32
(7,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	7	0.32
(7,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	7	0.32
(7,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	7	0.32
(7,920)	1:79:A:THR:HG21	1:81:A:GLU:HG2	19	0.32
(7,920)	1:79:A:THR:HG21	1:81:A:GLU:HG3	19	0.32
(7,920)	1:79:A:THR:HG22	1:81:A:GLU:HG2	19	0.32
(7,920)	1:79:A:THR:HG22	1:81:A:GLU:HG3	19	0.32
(7,920)	1:79:A:THR:HG23	1:81:A:GLU:HG2	19	0.32
(7,920)	1:79:A:THR:HG23	1:81:A:GLU:HG3	19	0.32
(7,831)	1:48:A:ARG:HA	1:48:A:ARG:HD2	17	0.32
(7,831)	1:48:A:ARG:HA	1:48:A:ARG:HD3	17	0.32
(7,765)	1:101:A:ILE:HD11	1:115:A:ALA:H	10	0.32
(7,765)	1:101:A:ILE:HD12	1:115:A:ALA:H	10	0.32
(7,765)	1:101:A:ILE:HD13	1:115:A:ALA:H	10	0.32
(7,751)	1:37:A:LEU:H	1:40:A:LEU:HB2	14	0.32
(7,703)	1:24:A:ASP:HA	1:27:A:ARG:HE	12	0.32
(7,584)	1:126:A:GLY:H	1:128:A:LEU:HB2	5	0.32
(7,584)	1:126:A:GLY:H	1:128:A:LEU:HB2	17	0.32
(7,547)	1:124:A:THR:H	1:127:A:CYS:HB3	2	0.32
(7,496)	1:97:A:ASP:HB2	1:105:A:LYS:H	10	0.32
(7,496)	1:97:A:ASP:HB3	1:105:A:LYS:H	10	0.32
(7,442)	1:68:A:LYS:H	1:70:A:LYS:HG3	18	0.32
(7,433)	1:68:A:LYS:H	1:68:A:LYS:HE2	2	0.32
(7,433)	1:68:A:LYS:H	1:68:A:LYS:HE3	2	0.32
(7,343)	1:122:A:ASP:HB3	1:123:A:CYS:H	3	0.32
(7,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	12	0.32
(7,73)	1:22:A:ASP:HA	1:23:A:LEU:H	6	0.32
(7,44)	1:44:A:GLU:HG2	1:47:A:ALA:H	14	0.32
(6,2456)	1:139:A:LEU:HD11	1:144:A:LEU:H	14	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2456)	1:139:A:LEU:HD12	1:144:A:LEU:H	14	0.32
(6,2456)	1:139:A:LEU:HD13	1:144:A:LEU:H	14	0.32
(6,2456)	1:139:A:LEU:HD21	1:144:A:LEU:H	14	0.32
(6,2456)	1:139:A:LEU:HD22	1:144:A:LEU:H	14	0.32
(6,2456)	1:139:A:LEU:HD23	1:144:A:LEU:H	14	0.32
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD11	10	0.32
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD12	10	0.32
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD13	10	0.32
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD21	10	0.32
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD22	10	0.32
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD23	10	0.32
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG11	11	0.32
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG12	11	0.32
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG13	11	0.32
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG21	11	0.32
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG22	11	0.32
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG23	11	0.32
(6,2254)	1:70:A:LYS:H	1:70:A:LYS:HD2	5	0.32
(6,2254)	1:70:A:LYS:H	1:70:A:LYS:HD3	5	0.32
(6,2150)	1:43:A:MET:HE1	1:131:A:LEU:HD11	1	0.32
(6,2150)	1:43:A:MET:HE1	1:131:A:LEU:HD12	1	0.32
(6,2150)	1:43:A:MET:HE1	1:131:A:LEU:HD13	1	0.32
(6,2150)	1:43:A:MET:HE1	1:131:A:LEU:HD21	1	0.32
(6,2150)	1:43:A:MET:HE1	1:131:A:LEU:HD22	1	0.32
(6,2150)	1:43:A:MET:HE1	1:131:A:LEU:HD23	1	0.32
(6,2150)	1:43:A:MET:HE2	1:131:A:LEU:HD11	1	0.32
(6,2150)	1:43:A:MET:HE2	1:131:A:LEU:HD12	1	0.32
(6,2150)	1:43:A:MET:HE2	1:131:A:LEU:HD13	1	0.32
(6,2150)	1:43:A:MET:HE2	1:131:A:LEU:HD21	1	0.32
(6,2150)	1:43:A:MET:HE2	1:131:A:LEU:HD22	1	0.32
(6,2150)	1:43:A:MET:HE2	1:131:A:LEU:HD23	1	0.32
(6,2150)	1:43:A:MET:HE3	1:131:A:LEU:HD11	1	0.32
(6,2150)	1:43:A:MET:HE3	1:131:A:LEU:HD12	1	0.32
(6,2150)	1:43:A:MET:HE3	1:131:A:LEU:HD13	1	0.32
(6,2150)	1:43:A:MET:HE3	1:131:A:LEU:HD21	1	0.32
(6,2150)	1:43:A:MET:HE3	1:131:A:LEU:HD22	1	0.32
(6,2150)	1:43:A:MET:HE3	1:131:A:LEU:HD23	1	0.32
(6,2110)	1:39:A:VAL:HG11	1:139:A:LEU:HD11	18	0.32
(6,2110)	1:39:A:VAL:HG11	1:139:A:LEU:HD12	18	0.32
(6,2110)	1:39:A:VAL:HG11	1:139:A:LEU:HD13	18	0.32
(6,2110)	1:39:A:VAL:HG11	1:139:A:LEU:HD21	18	0.32
(6,2110)	1:39:A:VAL:HG11	1:139:A:LEU:HD22	18	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2110)	1:39:A:VAL:HG11	1:139:A:LEU:HD23	18	0.32
(6,2110)	1:39:A:VAL:HG12	1:139:A:LEU:HD11	18	0.32
(6,2110)	1:39:A:VAL:HG12	1:139:A:LEU:HD12	18	0.32
(6,2110)	1:39:A:VAL:HG12	1:139:A:LEU:HD13	18	0.32
(6,2110)	1:39:A:VAL:HG12	1:139:A:LEU:HD21	18	0.32
(6,2110)	1:39:A:VAL:HG12	1:139:A:LEU:HD22	18	0.32
(6,2110)	1:39:A:VAL:HG12	1:139:A:LEU:HD23	18	0.32
(6,2110)	1:39:A:VAL:HG13	1:139:A:LEU:HD11	18	0.32
(6,2110)	1:39:A:VAL:HG13	1:139:A:LEU:HD12	18	0.32
(6,2110)	1:39:A:VAL:HG13	1:139:A:LEU:HD13	18	0.32
(6,2110)	1:39:A:VAL:HG13	1:139:A:LEU:HD21	18	0.32
(6,2110)	1:39:A:VAL:HG13	1:139:A:LEU:HD22	18	0.32
(6,2110)	1:39:A:VAL:HG13	1:139:A:LEU:HD23	18	0.32
(6,2110)	1:39:A:VAL:HG21	1:139:A:LEU:HD11	18	0.32
(6,2110)	1:39:A:VAL:HG21	1:139:A:LEU:HD12	18	0.32
(6,2110)	1:39:A:VAL:HG21	1:139:A:LEU:HD13	18	0.32
(6,2110)	1:39:A:VAL:HG21	1:139:A:LEU:HD21	18	0.32
(6,2110)	1:39:A:VAL:HG21	1:139:A:LEU:HD22	18	0.32
(6,2110)	1:39:A:VAL:HG21	1:139:A:LEU:HD23	18	0.32
(6,2110)	1:39:A:VAL:HG22	1:139:A:LEU:HD11	18	0.32
(6,2110)	1:39:A:VAL:HG22	1:139:A:LEU:HD12	18	0.32
(6,2110)	1:39:A:VAL:HG22	1:139:A:LEU:HD13	18	0.32
(6,2110)	1:39:A:VAL:HG22	1:139:A:LEU:HD21	18	0.32
(6,2110)	1:39:A:VAL:HG22	1:139:A:LEU:HD22	18	0.32
(6,2110)	1:39:A:VAL:HG22	1:139:A:LEU:HD23	18	0.32
(6,2110)	1:39:A:VAL:HG23	1:139:A:LEU:HD11	18	0.32
(6,2110)	1:39:A:VAL:HG23	1:139:A:LEU:HD12	18	0.32
(6,2110)	1:39:A:VAL:HG23	1:139:A:LEU:HD13	18	0.32
(6,2110)	1:39:A:VAL:HG23	1:139:A:LEU:HD21	18	0.32
(6,2110)	1:39:A:VAL:HG23	1:139:A:LEU:HD22	18	0.32
(6,2110)	1:39:A:VAL:HG23	1:139:A:LEU:HD23	18	0.32
(6,2109)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	17	0.32
(6,2109)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	17	0.32
(6,2109)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	17	0.32
(6,2109)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	17	0.32
(6,2109)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	17	0.32
(6,2109)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	17	0.32
(6,2109)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	17	0.32
(6,2109)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	17	0.32
(6,2109)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	17	0.32
(6,2109)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	17	0.32
(6,2109)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	17	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2109)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	17	0.32
(6,2103)	1:39:A:VAL:HA	1:140:A:LEU:HD11	13	0.32
(6,2103)	1:39:A:VAL:HA	1:140:A:LEU:HD12	13	0.32
(6,2103)	1:39:A:VAL:HA	1:140:A:LEU:HD13	13	0.32
(6,2103)	1:39:A:VAL:HA	1:140:A:LEU:HD21	13	0.32
(6,2103)	1:39:A:VAL:HA	1:140:A:LEU:HD22	13	0.32
(6,2103)	1:39:A:VAL:HA	1:140:A:LEU:HD23	13	0.32
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD11	12	0.32
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD12	12	0.32
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD13	12	0.32
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD21	12	0.32
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD22	12	0.32
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD23	12	0.32
(6,1823)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	10	0.32
(6,1823)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	10	0.32
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	3	0.32
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	3	0.32
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	3	0.32
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	3	0.32
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	3	0.32
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	3	0.32
(6,1598)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	13	0.32
(6,1598)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	13	0.32
(6,1598)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	13	0.32
(6,1597)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	7	0.32
(6,1597)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	7	0.32
(6,1597)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	7	0.32
(6,1597)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	7	0.32
(6,1597)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	7	0.32
(6,1597)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	7	0.32
(6,1577)	1:63:A:ILE:HD11	1:113:A:PHE:HA	7	0.32
(6,1577)	1:63:A:ILE:HD12	1:113:A:PHE:HA	7	0.32
(6,1577)	1:63:A:ILE:HD13	1:113:A:PHE:HA	7	0.32
(6,1532)	1:63:A:ILE:HG21	1:69:A:MET:HE1	7	0.32
(6,1532)	1:63:A:ILE:HG21	1:69:A:MET:HE2	7	0.32
(6,1532)	1:63:A:ILE:HG21	1:69:A:MET:HE3	7	0.32
(6,1532)	1:63:A:ILE:HG22	1:69:A:MET:HE1	7	0.32
(6,1532)	1:63:A:ILE:HG22	1:69:A:MET:HE2	7	0.32
(6,1532)	1:63:A:ILE:HG22	1:69:A:MET:HE3	7	0.32
(6,1532)	1:63:A:ILE:HG23	1:69:A:MET:HE1	7	0.32
(6,1532)	1:63:A:ILE:HG23	1:69:A:MET:HE2	7	0.32
(6,1532)	1:63:A:ILE:HG23	1:69:A:MET:HE3	7	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1514)	1:69:A:MET:HE1	1:116:A:GLN:HE21	12	0.32
(6,1514)	1:69:A:MET:HE2	1:116:A:GLN:HE21	12	0.32
(6,1514)	1:69:A:MET:HE3	1:116:A:GLN:HE21	12	0.32
(6,1468)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	12	0.32
(6,1468)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	12	0.32
(6,1468)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	12	0.32
(6,1468)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	12	0.32
(6,1468)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	12	0.32
(6,1468)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	12	0.32
(6,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB1	5	0.32
(6,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB2	5	0.32
(6,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB3	5	0.32
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	7	0.32
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	7	0.32
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	7	0.32
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	7	0.32
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	7	0.32
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	7	0.32
(6,1340)	1:17:A:ASN:HA	1:76:A:ARG:HA	4	0.32
(6,1323)	1:8:A:ASP:HA	1:9:A:PHE:H	12	0.32
(6,1256)	1:15:A:ALA:HA	1:131:A:LEU:HB2	7	0.32
(6,1029)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	8	0.32
(6,1029)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	8	0.32
(6,1029)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	8	0.32
(6,1029)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	8	0.32
(6,1029)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	8	0.32
(6,1029)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	8	0.32
(6,1003)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	7	0.32
(6,1003)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	7	0.32
(6,1003)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	7	0.32
(6,1003)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	7	0.32
(6,927)	1:60:A:LEU:HB3	1:117:A:VAL:HA	19	0.32
(6,833)	1:48:A:ARG:HA	1:48:A:ARG:HD2	17	0.32
(6,833)	1:48:A:ARG:HA	1:48:A:ARG:HD3	17	0.32
(6,807)	1:64:A:LYS:H	1:98:A:ILE:HD11	11	0.32
(6,807)	1:64:A:LYS:H	1:98:A:ILE:HD12	11	0.32
(6,807)	1:64:A:LYS:H	1:98:A:ILE:HD13	11	0.32
(6,752)	1:37:A:LEU:H	1:40:A:LEU:HB2	14	0.32
(6,543)	1:124:A:THR:H	1:127:A:CYS:HB3	2	0.32
(6,491)	1:97:A:ASP:HB2	1:105:A:LYS:H	10	0.32
(6,491)	1:97:A:ASP:HB3	1:105:A:LYS:H	10	0.32
(6,385)	1:106:A:ASP:H	1:112:A:GLN:HE21	11	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,385)	1:106:A:ASP:H	1:112:A:GLN:HE21	18	0.32
(6,316)	1:56:A:CYS:HA	1:122:A:ASP:H	4	0.32
(6,316)	1:56:A:CYS:HA	1:122:A:ASP:H	9	0.32
(6,217)	1:44:A:GLU:HG2	1:48:A:ARG:H	12	0.32
(6,149)	1:131:A:LEU:H	1:131:A:LEU:HG	12	0.32
(6,107)	1:69:A:MET:H	1:70:A:LYS:HG3	6	0.32
(6,103)	1:67:A:PRO:HD2	1:69:A:MET:H	5	0.32
(6,74)	1:22:A:ASP:HA	1:23:A:LEU:H	6	0.32
(5,2450)	1:140:A:LEU:HD11	1:144:A:LEU:H	13	0.32
(5,2450)	1:140:A:LEU:HD12	1:144:A:LEU:H	13	0.32
(5,2450)	1:140:A:LEU:HD13	1:144:A:LEU:H	13	0.32
(5,2450)	1:140:A:LEU:HD21	1:144:A:LEU:H	13	0.32
(5,2450)	1:140:A:LEU:HD22	1:144:A:LEU:H	13	0.32
(5,2450)	1:140:A:LEU:HD23	1:144:A:LEU:H	13	0.32
(5,2445)	1:139:A:LEU:HD11	1:144:A:LEU:H	14	0.32
(5,2445)	1:139:A:LEU:HD12	1:144:A:LEU:H	14	0.32
(5,2445)	1:139:A:LEU:HD13	1:144:A:LEU:H	14	0.32
(5,2445)	1:139:A:LEU:HD21	1:144:A:LEU:H	14	0.32
(5,2445)	1:139:A:LEU:HD22	1:144:A:LEU:H	14	0.32
(5,2445)	1:139:A:LEU:HD23	1:144:A:LEU:H	14	0.32
(5,2343)	1:111:A:GLU:HG2	1:114:A:ILE:HG21	18	0.32
(5,2343)	1:111:A:GLU:HG2	1:114:A:ILE:HG22	18	0.32
(5,2343)	1:111:A:GLU:HG2	1:114:A:ILE:HG23	18	0.32
(5,2343)	1:111:A:GLU:HG3	1:114:A:ILE:HG21	18	0.32
(5,2343)	1:111:A:GLU:HG3	1:114:A:ILE:HG22	18	0.32
(5,2343)	1:111:A:GLU:HG3	1:114:A:ILE:HG23	18	0.32
(5,2326)	1:107:A:LEU:HD11	1:108:A:GLU:H	5	0.32
(5,2326)	1:107:A:LEU:HD12	1:108:A:GLU:H	5	0.32
(5,2326)	1:107:A:LEU:HD13	1:108:A:GLU:H	5	0.32
(5,2326)	1:107:A:LEU:HD21	1:108:A:GLU:H	5	0.32
(5,2326)	1:107:A:LEU:HD22	1:108:A:GLU:H	5	0.32
(5,2326)	1:107:A:LEU:HD23	1:108:A:GLU:H	5	0.32
(5,2287)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	1	0.32
(5,2287)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	1	0.32
(5,2287)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	1	0.32
(5,2287)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	1	0.32
(5,2287)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	1	0.32
(5,2287)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	1	0.32
(5,2287)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	1	0.32
(5,2287)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	1	0.32
(5,2287)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	1	0.32
(5,2287)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	1	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2287)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	1	0.32
(5,2287)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	1	0.32
(5,2226)	1:65:A:CYS:HB2	1:70:A:LYS:HA	11	0.32
(5,2226)	1:65:A:CYS:HB3	1:70:A:LYS:HA	11	0.32
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD11	3	0.32
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD12	3	0.32
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD13	3	0.32
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD21	3	0.32
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD22	3	0.32
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD23	3	0.32
(5,2158)	1:46:A:ASN:HB2	1:134:A:VAL:H	19	0.32
(5,2158)	1:46:A:ASN:HB3	1:134:A:VAL:H	19	0.32
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	3	0.32
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	3	0.32
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	3	0.32
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD21	3	0.32
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD22	3	0.32
(5,1983)	1:14:A:VAL:HG11	1:60:A:LEU:HD23	3	0.32
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	3	0.32
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	3	0.32
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	3	0.32
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD21	3	0.32
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD22	3	0.32
(5,1983)	1:14:A:VAL:HG12	1:60:A:LEU:HD23	3	0.32
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	3	0.32
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	3	0.32
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	3	0.32
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD21	3	0.32
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD22	3	0.32
(5,1983)	1:14:A:VAL:HG13	1:60:A:LEU:HD23	3	0.32
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD11	6	0.32
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD12	6	0.32
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD13	6	0.32
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD21	6	0.32
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD22	6	0.32
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD23	6	0.32
(5,1933)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	18	0.32
(5,1933)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	18	0.32
(5,1933)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	18	0.32
(5,1933)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	18	0.32
(5,1933)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	18	0.32
(5,1933)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	18	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1927)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	1	0.32
(5,1927)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	1	0.32
(5,1927)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	1	0.32
(5,1927)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	1	0.32
(5,1927)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	1	0.32
(5,1927)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	1	0.32
(5,1814)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	8	0.32
(5,1814)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	8	0.32
(5,1814)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	8	0.32
(5,1814)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	8	0.32
(5,1814)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	8	0.32
(5,1814)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	8	0.32
(5,1814)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	8	0.32
(5,1814)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	8	0.32
(5,1814)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	8	0.32
(5,1814)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	8	0.32
(5,1814)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	8	0.32
(5,1814)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	8	0.32
(5,1677)	1:69:A:MET:HE1	1:116:A:GLN:HE21	12	0.32
(5,1677)	1:69:A:MET:HE2	1:116:A:GLN:HE21	12	0.32
(5,1677)	1:69:A:MET:HE3	1:116:A:GLN:HE21	12	0.32
(5,1583)	1:11:A:ILE:HD11	1:14:A:VAL:H	18	0.32
(5,1583)	1:11:A:ILE:HD12	1:14:A:VAL:H	18	0.32
(5,1583)	1:11:A:ILE:HD13	1:14:A:VAL:H	18	0.32
(5,1577)	1:9:A:PHE:HB2	1:14:A:VAL:HG21	14	0.32
(5,1577)	1:9:A:PHE:HB2	1:14:A:VAL:HG22	14	0.32
(5,1577)	1:9:A:PHE:HB2	1:14:A:VAL:HG23	14	0.32
(5,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE1	7	0.32
(5,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE2	7	0.32
(5,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE3	7	0.32
(5,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE1	7	0.32
(5,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE2	7	0.32
(5,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE3	7	0.32
(5,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE1	7	0.32
(5,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE2	7	0.32
(5,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE3	7	0.32
(5,1540)	1:69:A:MET:HE1	1:110:A:MET:HA	5	0.32
(5,1540)	1:69:A:MET:HE2	1:110:A:MET:HA	5	0.32
(5,1540)	1:69:A:MET:HE3	1:110:A:MET:HA	5	0.32
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	7	0.32
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	7	0.32
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	7	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	7	0.32
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	7	0.32
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	7	0.32
(5,1346)	1:8:A:ASP:HA	1:9:A:PHE:H	12	0.32
(5,1310)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	6	0.32
(5,1310)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	6	0.32
(5,1310)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	6	0.32
(5,1310)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	6	0.32
(5,1310)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	6	0.32
(5,1310)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	6	0.32
(5,1277)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	12	0.32
(5,1277)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	12	0.32
(5,1277)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	12	0.32
(5,1277)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	12	0.32
(5,1277)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	12	0.32
(5,1277)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	12	0.32
(5,1271)	1:12:A:VAL:HG11	1:40:A:LEU:HA	3	0.32
(5,1271)	1:12:A:VAL:HG12	1:40:A:LEU:HA	3	0.32
(5,1271)	1:12:A:VAL:HG13	1:40:A:LEU:HA	3	0.32
(5,1181)	1:140:A:LEU:HA	1:140:A:LEU:HD21	13	0.32
(5,1181)	1:140:A:LEU:HA	1:140:A:LEU:HD22	13	0.32
(5,1181)	1:140:A:LEU:HA	1:140:A:LEU:HD23	13	0.32
(5,1131)	1:143:A:TRP:HA	1:143:A:TRP:HE3	2	0.32
(5,1031)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	15	0.32
(5,909)	1:19:A:ALA:HB1	1:20:A:THR:HB	2	0.32
(5,909)	1:19:A:ALA:HB2	1:20:A:THR:HB	2	0.32
(5,909)	1:19:A:ALA:HB3	1:20:A:THR:HB	2	0.32
(5,840)	1:48:A:ARG:HA	1:48:A:ARG:HD2	17	0.32
(5,840)	1:48:A:ARG:HA	1:48:A:ARG:HD3	17	0.32
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD11	18	0.32
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD12	18	0.32
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD13	18	0.32
(5,797)	1:58:A:ILE:HD11	1:59:A:CYS:H	6	0.32
(5,797)	1:58:A:ILE:HD12	1:59:A:CYS:H	6	0.32
(5,797)	1:58:A:ILE:HD13	1:59:A:CYS:H	6	0.32
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	5	0.32
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	5	0.32
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	5	0.32
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	5	0.32
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	5	0.32
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	5	0.32
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	5	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	5	0.32
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	5	0.32
(5,778)	1:101:A:ILE:HD11	1:119:A:LEU:HG	1	0.32
(5,778)	1:101:A:ILE:HD12	1:119:A:LEU:HG	1	0.32
(5,778)	1:101:A:ILE:HD13	1:119:A:LEU:HG	1	0.32
(5,755)	1:32:A:GLY:HA2	1:34:A:LYS:H	19	0.32
(5,539)	1:124:A:THR:H	1:127:A:CYS:HB3	2	0.32
(5,487)	1:105:A:LYS:H	1:105:A:LYS:HD2	1	0.32
(5,487)	1:105:A:LYS:H	1:105:A:LYS:HD3	1	0.32
(5,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	16	0.32
(5,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	16	0.32
(5,144)	1:131:A:LEU:H	1:131:A:LEU:HG	12	0.32
(5,67)	1:44:A:GLU:HB2	1:45:A:ALA:H	3	0.32
(5,67)	1:44:A:GLU:HB3	1:45:A:ALA:H	3	0.32
(5,67)	1:44:A:GLU:HB2	1:45:A:ALA:H	6	0.32
(5,67)	1:44:A:GLU:HB3	1:45:A:ALA:H	6	0.32
(5,67)	1:44:A:GLU:HB2	1:45:A:ALA:H	13	0.32
(5,67)	1:44:A:GLU:HB3	1:45:A:ALA:H	13	0.32
(5,7)	1:64:A:LYS:H	1:116:A:GLN:HE22	11	0.32
(4,2456)	1:139:A:LEU:HD11	1:144:A:LEU:H	14	0.32
(4,2456)	1:139:A:LEU:HD12	1:144:A:LEU:H	14	0.32
(4,2456)	1:139:A:LEU:HD13	1:144:A:LEU:H	14	0.32
(4,2456)	1:139:A:LEU:HD21	1:144:A:LEU:H	14	0.32
(4,2456)	1:139:A:LEU:HD22	1:144:A:LEU:H	14	0.32
(4,2456)	1:139:A:LEU:HD23	1:144:A:LEU:H	14	0.32
(4,2335)	1:107:A:LEU:HD11	1:115:A:ALA:H	12	0.32
(4,2335)	1:107:A:LEU:HD12	1:115:A:ALA:H	12	0.32
(4,2335)	1:107:A:LEU:HD13	1:115:A:ALA:H	12	0.32
(4,2335)	1:107:A:LEU:HD21	1:115:A:ALA:H	12	0.32
(4,2335)	1:107:A:LEU:HD22	1:115:A:ALA:H	12	0.32
(4,2335)	1:107:A:LEU:HD23	1:115:A:ALA:H	12	0.32
(4,2294)	1:98:A:ILE:HD11	1:116:A:GLN:HE21	10	0.32
(4,2294)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	10	0.32
(4,2294)	1:98:A:ILE:HD12	1:116:A:GLN:HE21	10	0.32
(4,2294)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	10	0.32
(4,2294)	1:98:A:ILE:HD13	1:116:A:GLN:HE21	10	0.32
(4,2294)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	10	0.32
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD11	7	0.32
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD12	7	0.32
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD13	7	0.32
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD21	7	0.32
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD22	7	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD23	7	0.32
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	7	0.32
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	7	0.32
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	7	0.32
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	7	0.32
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	7	0.32
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	7	0.32
(4,2080)	1:35:A:LEU:HD11	1:143:A:TRP:HH2	7	0.32
(4,2080)	1:35:A:LEU:HD12	1:143:A:TRP:HH2	7	0.32
(4,2080)	1:35:A:LEU:HD13	1:143:A:TRP:HH2	7	0.32
(4,2080)	1:35:A:LEU:HD21	1:143:A:TRP:HH2	7	0.32
(4,2080)	1:35:A:LEU:HD22	1:143:A:TRP:HH2	7	0.32
(4,2080)	1:35:A:LEU:HD23	1:143:A:TRP:HH2	7	0.32
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD11	3	0.32
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD12	3	0.32
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD13	3	0.32
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD21	3	0.32
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD22	3	0.32
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD23	3	0.32
(4,1947)	1:11:A:ILE:HD11	1:43:A:MET:HB2	15	0.32
(4,1947)	1:11:A:ILE:HD11	1:43:A:MET:HB3	15	0.32
(4,1947)	1:11:A:ILE:HD12	1:43:A:MET:HB2	15	0.32
(4,1947)	1:11:A:ILE:HD12	1:43:A:MET:HB3	15	0.32
(4,1947)	1:11:A:ILE:HD13	1:43:A:MET:HB2	15	0.32
(4,1947)	1:11:A:ILE:HD13	1:43:A:MET:HB3	15	0.32
(4,1877)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	2	0.32
(4,1877)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	2	0.32
(4,1877)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	2	0.32
(4,1877)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	2	0.32
(4,1787)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	15	0.32
(4,1787)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	15	0.32
(4,1787)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	15	0.32
(4,1787)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	15	0.32
(4,1768)	1:13:A:ALA:HA	1:80:A:TYR:HD1	12	0.32
(4,1768)	1:13:A:ALA:HA	1:80:A:TYR:HD2	12	0.32
(4,1706)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	4	0.32
(4,1706)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	4	0.32
(4,1706)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	4	0.32
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD11	7	0.32
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD12	7	0.32
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD13	7	0.32
(4,1663)	1:69:A:MET:HA	1:109:A:PRO:HA	2	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1578)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	7	0.32
(4,1578)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	7	0.32
(4,1578)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	7	0.32
(4,1578)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	7	0.32
(4,1578)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	7	0.32
(4,1578)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	7	0.32
(4,1515)	1:69:A:MET:HE1	1:76:A:ARG:HG2	19	0.32
(4,1515)	1:69:A:MET:HE1	1:76:A:ARG:HG3	19	0.32
(4,1515)	1:69:A:MET:HE2	1:76:A:ARG:HG2	19	0.32
(4,1515)	1:69:A:MET:HE2	1:76:A:ARG:HG3	19	0.32
(4,1515)	1:69:A:MET:HE3	1:76:A:ARG:HG2	19	0.32
(4,1515)	1:69:A:MET:HE3	1:76:A:ARG:HG3	19	0.32
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE1	6	0.32
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE2	6	0.32
(4,1485)	1:43:A:MET:HA	1:43:A:MET:HE3	6	0.32
(4,1455)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	12	0.32
(4,1455)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	12	0.32
(4,1455)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	12	0.32
(4,1455)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	12	0.32
(4,1455)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	12	0.32
(4,1455)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	12	0.32
(4,1426)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	8	0.32
(4,1426)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	8	0.32
(4,1413)	1:119:A:LEU:HA	1:121:A:VAL:HG21	16	0.32
(4,1413)	1:119:A:LEU:HA	1:121:A:VAL:HG22	16	0.32
(4,1413)	1:119:A:LEU:HA	1:121:A:VAL:HG23	16	0.32
(4,1311)	1:8:A:ASP:HA	1:9:A:PHE:H	12	0.32
(4,1168)	1:23:A:LEU:HD21	1:24:A:ASP:H	18	0.32
(4,1168)	1:23:A:LEU:HD22	1:24:A:ASP:H	18	0.32
(4,1168)	1:23:A:LEU:HD23	1:24:A:ASP:H	18	0.32
(4,1152)	1:140:A:LEU:HA	1:140:A:LEU:HD21	13	0.32
(4,1152)	1:140:A:LEU:HA	1:140:A:LEU:HD22	13	0.32
(4,1152)	1:140:A:LEU:HA	1:140:A:LEU:HD23	13	0.32
(4,1093)	1:41:A:LYS:HA	1:44:A:GLU:HB2	13	0.32
(4,1093)	1:41:A:LYS:HA	1:44:A:GLU:HB3	13	0.32
(4,923)	1:81:A:GLU:HA	1:81:A:GLU:HG2	1	0.32
(4,923)	1:81:A:GLU:HA	1:81:A:GLU:HG3	1	0.32
(4,923)	1:81:A:GLU:HA	1:81:A:GLU:HG2	5	0.32
(4,923)	1:81:A:GLU:HA	1:81:A:GLU:HG3	5	0.32
(4,923)	1:81:A:GLU:HA	1:81:A:GLU:HG2	7	0.32
(4,923)	1:81:A:GLU:HA	1:81:A:GLU:HG3	7	0.32
(4,923)	1:81:A:GLU:HA	1:81:A:GLU:HG2	10	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,923)	1:81:A:GLU:HA	1:81:A:GLU:HG3	10	0.32
(4,923)	1:81:A:GLU:HA	1:81:A:GLU:HG2	11	0.32
(4,923)	1:81:A:GLU:HA	1:81:A:GLU:HG3	11	0.32
(4,836)	1:48:A:ARG:H	1:48:A:ARG:HD2	14	0.32
(4,836)	1:48:A:ARG:H	1:48:A:ARG:HD3	14	0.32
(4,807)	1:64:A:LYS:H	1:98:A:ILE:HD11	11	0.32
(4,807)	1:64:A:LYS:H	1:98:A:ILE:HD12	11	0.32
(4,807)	1:64:A:LYS:H	1:98:A:ILE:HD13	11	0.32
(4,770)	1:101:A:ILE:HD11	1:119:A:LEU:HG	1	0.32
(4,770)	1:101:A:ILE:HD12	1:119:A:LEU:HG	1	0.32
(4,770)	1:101:A:ILE:HD13	1:119:A:LEU:HG	1	0.32
(4,707)	1:64:A:LYS:H	1:116:A:GLN:HE21	8	0.32
(4,538)	1:124:A:THR:H	1:127:A:CYS:HB3	2	0.32
(4,377)	1:106:A:ASP:H	1:112:A:GLN:HE21	11	0.32
(4,377)	1:106:A:ASP:H	1:112:A:GLN:HE21	18	0.32
(4,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	12	0.32
(4,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	12	0.32
(4,304)	1:64:A:LYS:HD2	1:65:A:CYS:H	15	0.32
(4,304)	1:64:A:LYS:HD3	1:65:A:CYS:H	15	0.32
(4,76)	1:22:A:ASP:HA	1:23:A:LEU:H	6	0.32
(4,72)	1:44:A:GLU:HB2	1:45:A:ALA:H	3	0.32
(4,72)	1:44:A:GLU:HB3	1:45:A:ALA:H	3	0.32
(4,72)	1:44:A:GLU:HB2	1:45:A:ALA:H	6	0.32
(4,72)	1:44:A:GLU:HB3	1:45:A:ALA:H	6	0.32
(4,72)	1:44:A:GLU:HB2	1:45:A:ALA:H	13	0.32
(4,72)	1:44:A:GLU:HB3	1:45:A:ALA:H	13	0.32
(4,67)	1:81:A:GLU:H	1:81:A:GLU:HB3	8	0.32
(4,67)	1:81:A:GLU:H	1:81:A:GLU:HB3	12	0.32
(4,50)	1:44:A:GLU:HG2	1:47:A:ALA:H	14	0.32
(4,31)	1:96:A:VAL:H	1:97:A:ASP:H	15	0.32
(3,2381)	1:111:A:GLU:HG2	1:114:A:ILE:HG21	18	0.32
(3,2381)	1:111:A:GLU:HG2	1:114:A:ILE:HG22	18	0.32
(3,2381)	1:111:A:GLU:HG2	1:114:A:ILE:HG23	18	0.32
(3,2381)	1:111:A:GLU:HG3	1:114:A:ILE:HG21	18	0.32
(3,2381)	1:111:A:GLU:HG3	1:114:A:ILE:HG22	18	0.32
(3,2381)	1:111:A:GLU:HG3	1:114:A:ILE:HG23	18	0.32
(3,2357)	1:107:A:LEU:H	1:107:A:LEU:HD11	11	0.32
(3,2357)	1:107:A:LEU:H	1:107:A:LEU:HD12	11	0.32
(3,2357)	1:107:A:LEU:H	1:107:A:LEU:HD13	11	0.32
(3,2357)	1:107:A:LEU:H	1:107:A:LEU:HD21	11	0.32
(3,2357)	1:107:A:LEU:H	1:107:A:LEU:HD22	11	0.32
(3,2357)	1:107:A:LEU:H	1:107:A:LEU:HD23	11	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2234)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	13	0.32
(3,2234)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	13	0.32
(3,2234)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	13	0.32
(3,2234)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	13	0.32
(3,2234)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	13	0.32
(3,2234)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	13	0.32
(3,2234)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	13	0.32
(3,2234)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	13	0.32
(3,2234)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	13	0.32
(3,2234)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	13	0.32
(3,2234)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	13	0.32
(3,2234)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	13	0.32
(3,2234)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	13	0.32
(3,2234)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	13	0.32
(3,2234)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	13	0.32
(3,2234)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	13	0.32
(3,2234)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	13	0.32
(3,2234)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	13	0.32
(3,2234)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	13	0.32
(3,2234)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	13	0.32
(3,2234)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	13	0.32
(3,2234)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	13	0.32
(3,2234)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	13	0.32
(3,2234)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	13	0.32
(3,2234)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	13	0.32
(3,2234)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	13	0.32
(3,2234)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	13	0.32
(3,2234)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	13	0.32
(3,2234)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	13	0.32
(3,2234)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	13	0.32
(3,2234)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	13	0.32
(3,2234)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	13	0.32
(3,2234)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	13	0.32
(3,2234)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	13	0.32
(3,2234)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	13	0.32
(3,2234)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	13	0.32
(3,2234)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	17	0.32
(3,2234)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	17	0.32
(3,2234)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	17	0.32
(3,2234)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	17	0.32
(3,2234)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	17	0.32
(3,2234)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	17	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2234)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	17	0.32
(3,2234)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	17	0.32
(3,2234)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	17	0.32
(3,2234)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	17	0.32
(3,2234)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	17	0.32
(3,2234)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	17	0.32
(3,2234)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	17	0.32
(3,2234)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	17	0.32
(3,2234)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	17	0.32
(3,2234)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	17	0.32
(3,2234)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	17	0.32
(3,2234)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	17	0.32
(3,2234)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	17	0.32
(3,2234)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	17	0.32
(3,2234)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	17	0.32
(3,2234)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	17	0.32
(3,2234)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	17	0.32
(3,2234)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	17	0.32
(3,2234)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	17	0.32
(3,2234)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	17	0.32
(3,2234)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	17	0.32
(3,2234)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	17	0.32
(3,2234)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	17	0.32
(3,2234)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	17	0.32
(3,2234)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	17	0.32
(3,2234)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	17	0.32
(3,2234)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	17	0.32
(3,2234)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	17	0.32
(3,2234)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	17	0.32
(3,2234)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	17	0.32
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	14	0.32
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	14	0.32
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	14	0.32
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	14	0.32
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	14	0.32
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	14	0.32
(3,2086)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	14	0.32
(3,2086)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	14	0.32
(3,2086)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	14	0.32
(3,2086)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	14	0.32
(3,2085)	1:32:A:GLY:HA2	1:34:A:LYS:H	3	0.32
(3,2085)	1:32:A:GLY:HA3	1:34:A:LYS:H	3	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE1	4	0.32
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE2	4	0.32
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE1	4	0.32
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE2	4	0.32
(3,2017)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	1	0.32
(3,2017)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	1	0.32
(3,2017)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	1	0.32
(3,2017)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	1	0.32
(3,2017)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	1	0.32
(3,2017)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	1	0.32
(3,2017)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	1	0.32
(3,2017)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	1	0.32
(3,2017)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	1	0.32
(3,2017)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	1	0.32
(3,2017)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	1	0.32
(3,2017)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	1	0.32
(3,1994)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	15	0.32
(3,1994)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	15	0.32
(3,1994)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	15	0.32
(3,1994)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	15	0.32
(3,1994)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	15	0.32
(3,1994)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	15	0.32
(3,1994)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	15	0.32
(3,1994)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	15	0.32
(3,1994)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	15	0.32
(3,1994)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	15	0.32
(3,1994)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	15	0.32
(3,1994)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	15	0.32
(3,1994)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	15	0.32
(3,1994)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	15	0.32
(3,1994)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	15	0.32
(3,1994)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	15	0.32
(3,1994)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	15	0.32
(3,1994)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	15	0.32
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG2	13	0.32
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG3	13	0.32
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG2	13	0.32
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG3	13	0.32
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG2	13	0.32
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG3	13	0.32
(3,1932)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	1	0.32
(3,1932)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	1	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1932)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	1	0.32
(3,1932)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	1	0.32
(3,1932)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	1	0.32
(3,1932)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	1	0.32
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE1	4	0.32
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE2	4	0.32
(3,1820)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	6	0.32
(3,1820)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	6	0.32
(3,1820)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	6	0.32
(3,1820)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	6	0.32
(3,1773)	1:31:A:PRO:HB2	1:35:A:LEU:HA	5	0.32
(3,1773)	1:31:A:PRO:HB3	1:35:A:LEU:HA	5	0.32
(3,1761)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	4	0.32
(3,1761)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	4	0.32
(3,1761)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	4	0.32
(3,1690)	1:69:A:MET:HE1	1:116:A:GLN:HE21	12	0.32
(3,1690)	1:69:A:MET:HE2	1:116:A:GLN:HE21	12	0.32
(3,1690)	1:69:A:MET:HE3	1:116:A:GLN:HE21	12	0.32
(3,1629)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	7	0.32
(3,1629)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	7	0.32
(3,1629)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	7	0.32
(3,1629)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	7	0.32
(3,1629)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	7	0.32
(3,1629)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	7	0.32
(3,1592)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	15	0.32
(3,1592)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	15	0.32
(3,1592)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	15	0.32
(3,1592)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	15	0.32
(3,1592)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	15	0.32
(3,1592)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	15	0.32
(3,1592)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	15	0.32
(3,1592)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	15	0.32
(3,1592)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	15	0.32
(3,1498)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	12	0.32
(3,1498)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	12	0.32
(3,1498)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	12	0.32
(3,1498)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	12	0.32
(3,1498)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	12	0.32
(3,1498)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	12	0.32
(3,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG21	16	0.32
(3,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG22	16	0.32
(3,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG23	16	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1442)	1:73:A:ILE:HG21	1:110:A:MET:HG2	1	0.32
(3,1442)	1:73:A:ILE:HG21	1:110:A:MET:HG3	1	0.32
(3,1442)	1:73:A:ILE:HG22	1:110:A:MET:HG2	1	0.32
(3,1442)	1:73:A:ILE:HG22	1:110:A:MET:HG3	1	0.32
(3,1442)	1:73:A:ILE:HG23	1:110:A:MET:HG2	1	0.32
(3,1442)	1:73:A:ILE:HG23	1:110:A:MET:HG3	1	0.32
(3,1368)	1:17:A:ASN:HA	1:76:A:ARG:HA	4	0.32
(3,1354)	1:8:A:ASP:HA	1:9:A:PHE:H	12	0.32
(3,1248)	1:144:A:LEU:HD21	1:145:A:PRO:HD2	12	0.32
(3,1248)	1:144:A:LEU:HD22	1:145:A:PRO:HD2	12	0.32
(3,1248)	1:144:A:LEU:HD23	1:145:A:PRO:HD2	12	0.32
(3,1248)	1:144:A:LEU:HD21	1:145:A:PRO:HD2	18	0.32
(3,1248)	1:144:A:LEU:HD22	1:145:A:PRO:HD2	18	0.32
(3,1248)	1:144:A:LEU:HD23	1:145:A:PRO:HD2	18	0.32
(3,1236)	1:81:A:GLU:HA	1:81:A:GLU:HG2	17	0.32
(3,1236)	1:81:A:GLU:HA	1:81:A:GLU:HG3	17	0.32
(3,1236)	1:81:A:GLU:HA	1:81:A:GLU:HG2	18	0.32
(3,1236)	1:81:A:GLU:HA	1:81:A:GLU:HG3	18	0.32
(3,1190)	1:140:A:LEU:HA	1:140:A:LEU:HD21	13	0.32
(3,1190)	1:140:A:LEU:HA	1:140:A:LEU:HD22	13	0.32
(3,1190)	1:140:A:LEU:HA	1:140:A:LEU:HD23	13	0.32
(3,1142)	1:143:A:TRP:HA	1:143:A:TRP:HE3	2	0.32
(3,1103)	1:45:A:ALA:HA	1:48:A:ARG:HG2	14	0.32
(3,1103)	1:45:A:ALA:HA	1:48:A:ARG:HG3	14	0.32
(3,1103)	1:45:A:ALA:HA	1:48:A:ARG:HG2	19	0.32
(3,1103)	1:45:A:ALA:HA	1:48:A:ARG:HG3	19	0.32
(3,1090)	1:38:A:GLU:HA	1:42:A:GLU:H	4	0.32
(3,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	7	0.32
(3,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	7	0.32
(3,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	7	0.32
(3,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	7	0.32
(3,1032)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	1	0.32
(3,982)	1:69:A:MET:H	1:109:A:PRO:HB2	3	0.32
(3,982)	1:69:A:MET:H	1:109:A:PRO:HB3	3	0.32
(3,980)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	13	0.32
(3,980)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	13	0.32
(3,911)	1:95:A:ILE:H	1:95:A:ILE:HB	15	0.32
(3,852)	1:48:A:ARG:HD2	1:49:A:LYS:HA	7	0.32
(3,852)	1:48:A:ARG:HD3	1:49:A:LYS:HA	7	0.32
(3,774)	1:12:A:VAL:H	1:40:A:LEU:HD21	18	0.32
(3,774)	1:12:A:VAL:H	1:40:A:LEU:HD22	18	0.32
(3,774)	1:12:A:VAL:H	1:40:A:LEU:HD23	18	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,716)	1:24:A:ASP:HA	1:27:A:ARG:HE	12	0.32
(3,549)	1:124:A:THR:H	1:127:A:CYS:HB3	2	0.32
(3,390)	1:106:A:ASP:H	1:112:A:GLN:HE21	11	0.32
(3,390)	1:106:A:ASP:H	1:112:A:GLN:HE21	18	0.32
(3,278)	1:113:A:PHE:H	1:116:A:GLN:HG3	18	0.32
(3,242)	1:23:A:LEU:HD11	1:24:A:ASP:H	1	0.32
(3,242)	1:23:A:LEU:HD12	1:24:A:ASP:H	1	0.32
(3,242)	1:23:A:LEU:HD13	1:24:A:ASP:H	1	0.32
(3,233)	1:10:A:ASN:H	1:13:A:ALA:HB1	11	0.32
(3,233)	1:10:A:ASN:H	1:13:A:ALA:HB2	11	0.32
(3,233)	1:10:A:ASN:H	1:13:A:ALA:HB3	11	0.32
(3,175)	1:8:A:ASP:H	1:58:A:ILE:HG13	13	0.32
(3,9)	1:64:A:LYS:H	1:116:A:GLN:HE22	11	0.32
(2,2457)	1:139:A:LEU:HD11	1:144:A:LEU:H	14	0.32
(2,2457)	1:139:A:LEU:HD12	1:144:A:LEU:H	14	0.32
(2,2457)	1:139:A:LEU:HD13	1:144:A:LEU:H	14	0.32
(2,2457)	1:139:A:LEU:HD21	1:144:A:LEU:H	14	0.32
(2,2457)	1:139:A:LEU:HD22	1:144:A:LEU:H	14	0.32
(2,2457)	1:139:A:LEU:HD23	1:144:A:LEU:H	14	0.32
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD11	14	0.32
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD12	14	0.32
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD13	14	0.32
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD21	14	0.32
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD22	14	0.32
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD23	14	0.32
(2,2396)	1:121:A:VAL:HA	1:123:A:CYS:HB2	16	0.32
(2,2396)	1:121:A:VAL:HA	1:123:A:CYS:HB3	16	0.32
(2,2370)	1:111:A:GLU:HG2	1:114:A:ILE:HG21	18	0.32
(2,2370)	1:111:A:GLU:HG2	1:114:A:ILE:HG22	18	0.32
(2,2370)	1:111:A:GLU:HG2	1:114:A:ILE:HG23	18	0.32
(2,2370)	1:111:A:GLU:HG3	1:114:A:ILE:HG21	18	0.32
(2,2370)	1:111:A:GLU:HG3	1:114:A:ILE:HG22	18	0.32
(2,2370)	1:111:A:GLU:HG3	1:114:A:ILE:HG23	18	0.32
(2,2318)	1:98:A:ILE:HD11	1:116:A:GLN:HE21	10	0.32
(2,2318)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	10	0.32
(2,2318)	1:98:A:ILE:HD12	1:116:A:GLN:HE21	10	0.32
(2,2318)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	10	0.32
(2,2318)	1:98:A:ILE:HD13	1:116:A:GLN:HE21	10	0.32
(2,2318)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	10	0.32
(2,2251)	1:65:A:CYS:HB2	1:70:A:LYS:HA	11	0.32
(2,2251)	1:65:A:CYS:HB3	1:70:A:LYS:HA	11	0.32
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD11	13	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD12	13	0.32
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD13	13	0.32
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD21	13	0.32
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD22	13	0.32
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD23	13	0.32
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE1	9	0.32
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE2	9	0.32
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE3	9	0.32
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE1	9	0.32
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE2	9	0.32
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE3	9	0.32
(2,1995)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	1	0.32
(2,1995)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	1	0.32
(2,1995)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	1	0.32
(2,1995)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	1	0.32
(2,1995)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	1	0.32
(2,1995)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	1	0.32
(2,1995)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	1	0.32
(2,1995)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	1	0.32
(2,1995)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	1	0.32
(2,1995)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	1	0.32
(2,1995)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	1	0.32
(2,1995)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	1	0.32
(2,1968)	1:10:A:ASN:HB3	1:61:A:SER:HB2	12	0.32
(2,1968)	1:10:A:ASN:HB3	1:61:A:SER:HB3	12	0.32
(2,1871)	1:79:A:THR:HB	1:80:A:TYR:HE1	10	0.32
(2,1871)	1:79:A:THR:HB	1:80:A:TYR:HE2	10	0.32
(2,1665)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	2	0.32
(2,1665)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	2	0.32
(2,1665)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	2	0.32
(2,1665)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	2	0.32
(2,1665)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	2	0.32
(2,1665)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	2	0.32
(2,1665)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	13	0.32
(2,1665)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	13	0.32
(2,1665)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	13	0.32
(2,1665)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	13	0.32
(2,1665)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	13	0.32
(2,1665)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	13	0.32
(2,1624)	1:126:A:GLY:H	1:128:A:LEU:HD11	17	0.32
(2,1624)	1:126:A:GLY:H	1:128:A:LEU:HD12	17	0.32
(2,1624)	1:126:A:GLY:H	1:128:A:LEU:HD13	17	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1488)	1:101:A:ILE:HG21	1:103:A:ARG:HA	3	0.32
(2,1488)	1:101:A:ILE:HG22	1:103:A:ARG:HA	3	0.32
(2,1488)	1:101:A:ILE:HG23	1:103:A:ARG:HA	3	0.32
(2,1438)	1:119:A:LEU:HA	1:121:A:VAL:HG21	16	0.32
(2,1438)	1:119:A:LEU:HA	1:121:A:VAL:HG22	16	0.32
(2,1438)	1:119:A:LEU:HA	1:121:A:VAL:HG23	16	0.32
(2,1345)	1:17:A:ASN:HA	1:76:A:ARG:HA	4	0.32
(2,1327)	1:8:A:ASP:HA	1:9:A:PHE:H	12	0.32
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	1	0.32
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	1	0.32
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	1	0.32
(2,1250)	1:23:A:LEU:HD11	1:24:A:ASP:H	12	0.32
(2,1250)	1:23:A:LEU:HD12	1:24:A:ASP:H	12	0.32
(2,1250)	1:23:A:LEU:HD13	1:24:A:ASP:H	12	0.32
(2,1249)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	8	0.32
(2,1249)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	8	0.32
(2,1249)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	8	0.32
(2,1165)	1:140:A:LEU:HA	1:140:A:LEU:HD21	13	0.32
(2,1165)	1:140:A:LEU:HA	1:140:A:LEU:HD22	13	0.32
(2,1165)	1:140:A:LEU:HA	1:140:A:LEU:HD23	13	0.32
(2,1038)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	8	0.32
(2,1038)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	8	0.32
(2,1038)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	8	0.32
(2,1038)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	8	0.32
(2,1038)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	8	0.32
(2,1038)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	8	0.32
(2,1012)	1:27:A:ARG:HB3	1:30:A:LEU:HD11	10	0.32
(2,1012)	1:27:A:ARG:HB3	1:30:A:LEU:HD12	10	0.32
(2,1012)	1:27:A:ARG:HB3	1:30:A:LEU:HD13	10	0.32
(2,1012)	1:27:A:ARG:HB3	1:30:A:LEU:HD21	10	0.32
(2,1012)	1:27:A:ARG:HB3	1:30:A:LEU:HD22	10	0.32
(2,1012)	1:27:A:ARG:HB3	1:30:A:LEU:HD23	10	0.32
(2,951)	1:15:A:ALA:HB1	1:43:A:MET:HB2	19	0.32
(2,951)	1:15:A:ALA:HB2	1:43:A:MET:HB2	19	0.32
(2,951)	1:15:A:ALA:HB3	1:43:A:MET:HB2	19	0.32
(2,920)	1:79:A:THR:HG21	1:81:A:GLU:HG2	19	0.32
(2,920)	1:79:A:THR:HG21	1:81:A:GLU:HG3	19	0.32
(2,920)	1:79:A:THR:HG22	1:81:A:GLU:HG2	19	0.32
(2,920)	1:79:A:THR:HG22	1:81:A:GLU:HG3	19	0.32
(2,920)	1:79:A:THR:HG23	1:81:A:GLU:HG2	19	0.32
(2,920)	1:79:A:THR:HG23	1:81:A:GLU:HG3	19	0.32
(2,910)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	2	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,910)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	2	0.32
(2,910)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	2	0.32
(2,910)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	11	0.32
(2,910)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	11	0.32
(2,910)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	11	0.32
(2,834)	1:103:A:ARG:HA	1:103:A:ARG:HD2	6	0.32
(2,834)	1:103:A:ARG:HA	1:103:A:ARG:HD3	6	0.32
(2,808)	1:64:A:LYS:H	1:98:A:ILE:HD11	11	0.32
(2,808)	1:64:A:LYS:H	1:98:A:ILE:HD12	11	0.32
(2,808)	1:64:A:LYS:H	1:98:A:ILE:HD13	11	0.32
(2,706)	1:24:A:ASP:HA	1:27:A:ARG:HE	12	0.32
(2,627)	1:57:A:LEU:H	1:58:A:ILE:HD11	13	0.32
(2,627)	1:57:A:LEU:H	1:58:A:ILE:HD12	13	0.32
(2,627)	1:57:A:LEU:H	1:58:A:ILE:HD13	13	0.32
(2,552)	1:124:A:THR:H	1:128:A:LEU:HD11	18	0.32
(2,552)	1:124:A:THR:H	1:128:A:LEU:HD12	18	0.32
(2,552)	1:124:A:THR:H	1:128:A:LEU:HD13	18	0.32
(2,545)	1:124:A:THR:H	1:127:A:CYS:HB3	2	0.32
(2,372)	1:40:A:LEU:HB3	1:41:A:LYS:H	19	0.32
(2,368)	1:132:A:ALA:H	1:133:A:ASN:HD22	8	0.32
(2,368)	1:132:A:ALA:H	1:133:A:ASN:HD22	12	0.32
(2,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	8	0.32
(2,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	8	0.32
(2,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	8	0.32
(2,174)	1:8:A:ASP:H	1:58:A:ILE:HG13	13	0.32
(2,73)	1:22:A:ASP:HA	1:23:A:LEU:H	6	0.32
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD11	8	0.32
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD12	8	0.32
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD13	8	0.32
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD21	8	0.32
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD22	8	0.32
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD23	8	0.32
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD11	10	0.32
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD12	10	0.32
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD13	10	0.32
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD21	10	0.32
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD22	10	0.32
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD23	10	0.32
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD11	18	0.32
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD12	18	0.32
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD13	18	0.32
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD21	18	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD22	18	0.32
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD23	18	0.32
(1,2427)	1:139:A:LEU:HD11	1:144:A:LEU:H	14	0.32
(1,2427)	1:139:A:LEU:HD12	1:144:A:LEU:H	14	0.32
(1,2427)	1:139:A:LEU:HD13	1:144:A:LEU:H	14	0.32
(1,2427)	1:139:A:LEU:HD21	1:144:A:LEU:H	14	0.32
(1,2427)	1:139:A:LEU:HD22	1:144:A:LEU:H	14	0.32
(1,2427)	1:139:A:LEU:HD23	1:144:A:LEU:H	14	0.32
(1,2328)	1:113:A:PHE:HE1	1:114:A:ILE:HG12	10	0.32
(1,2328)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	10	0.32
(1,2328)	1:113:A:PHE:HE2	1:114:A:ILE:HG12	10	0.32
(1,2328)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	10	0.32
(1,2322)	1:111:A:GLU:HG2	1:114:A:ILE:HG21	18	0.32
(1,2322)	1:111:A:GLU:HG2	1:114:A:ILE:HG22	18	0.32
(1,2322)	1:111:A:GLU:HG2	1:114:A:ILE:HG23	18	0.32
(1,2322)	1:111:A:GLU:HG3	1:114:A:ILE:HG21	18	0.32
(1,2322)	1:111:A:GLU:HG3	1:114:A:ILE:HG22	18	0.32
(1,2322)	1:111:A:GLU:HG3	1:114:A:ILE:HG23	18	0.32
(1,2318)	1:110:A:MET:HG2	1:114:A:ILE:HG12	19	0.32
(1,2318)	1:110:A:MET:HG2	1:114:A:ILE:HG13	19	0.32
(1,2318)	1:110:A:MET:HG3	1:114:A:ILE:HG12	19	0.32
(1,2318)	1:110:A:MET:HG3	1:114:A:ILE:HG13	19	0.32
(1,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	5	0.32
(1,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	5	0.32
(1,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	5	0.32
(1,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	5	0.32
(1,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	5	0.32
(1,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	5	0.32
(1,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	5	0.32
(1,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	5	0.32
(1,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	5	0.32
(1,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	5	0.32
(1,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	5	0.32
(1,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	5	0.32
(1,2209)	1:65:A:CYS:HB2	1:70:A:LYS:H	8	0.32
(1,2209)	1:65:A:CYS:HB3	1:70:A:LYS:H	8	0.32
(1,2193)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	13	0.32
(1,2193)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	13	0.32
(1,2193)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	13	0.32
(1,2193)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	13	0.32
(1,2193)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	13	0.32
(1,2193)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	13	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2193)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	13	0.32
(1,2193)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	13	0.32
(1,2193)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	13	0.32
(1,2193)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	13	0.32
(1,2193)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	13	0.32
(1,2193)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	13	0.32
(1,2193)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	13	0.32
(1,2193)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	13	0.32
(1,2193)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	13	0.32
(1,2193)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	13	0.32
(1,2193)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	13	0.32
(1,2193)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	13	0.32
(1,2193)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	13	0.32
(1,2193)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	13	0.32
(1,2193)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	13	0.32
(1,2193)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	13	0.32
(1,2193)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	13	0.32
(1,2193)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	13	0.32
(1,2193)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	13	0.32
(1,2193)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	13	0.32
(1,2193)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	13	0.32
(1,2193)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	13	0.32
(1,2193)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	13	0.32
(1,2193)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	13	0.32
(1,2193)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	13	0.32
(1,2193)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	13	0.32
(1,2193)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	13	0.32
(1,2193)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	13	0.32
(1,2193)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	13	0.32
(1,2193)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	13	0.32
(1,2193)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	17	0.32
(1,2193)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	17	0.32
(1,2193)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	17	0.32
(1,2193)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	17	0.32
(1,2193)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	17	0.32
(1,2193)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	17	0.32
(1,2193)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	17	0.32
(1,2193)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	17	0.32
(1,2193)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	17	0.32
(1,2193)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	17	0.32
(1,2193)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	17	0.32
(1,2193)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	17	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2193)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	17	0.32
(1,2193)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	17	0.32
(1,2193)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	17	0.32
(1,2193)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	17	0.32
(1,2193)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	17	0.32
(1,2193)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	17	0.32
(1,2193)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	17	0.32
(1,2193)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	17	0.32
(1,2193)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	17	0.32
(1,2193)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	17	0.32
(1,2193)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	17	0.32
(1,2193)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	17	0.32
(1,2193)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	17	0.32
(1,2193)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	17	0.32
(1,2193)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	17	0.32
(1,2193)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	17	0.32
(1,2193)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	17	0.32
(1,2193)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	17	0.32
(1,2193)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	17	0.32
(1,2193)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	17	0.32
(1,2193)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	17	0.32
(1,2193)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	17	0.32
(1,2193)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	17	0.32
(1,2193)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	17	0.32
(1,2077)	1:35:A:LEU:HD11	1:143:A:TRP:HH2	7	0.32
(1,2077)	1:35:A:LEU:HD12	1:143:A:TRP:HH2	7	0.32
(1,2077)	1:35:A:LEU:HD13	1:143:A:TRP:HH2	7	0.32
(1,2077)	1:35:A:LEU:HD21	1:143:A:TRP:HH2	7	0.32
(1,2077)	1:35:A:LEU:HD22	1:143:A:TRP:HH2	7	0.32
(1,2077)	1:35:A:LEU:HD23	1:143:A:TRP:HH2	7	0.32
(1,2026)	1:23:A:LEU:HD11	1:25:A:ALA:H	14	0.32
(1,2026)	1:23:A:LEU:HD12	1:25:A:ALA:H	14	0.32
(1,2026)	1:23:A:LEU:HD13	1:25:A:ALA:H	14	0.32
(1,2026)	1:23:A:LEU:HD21	1:25:A:ALA:H	14	0.32
(1,2026)	1:23:A:LEU:HD22	1:25:A:ALA:H	14	0.32
(1,2026)	1:23:A:LEU:HD23	1:25:A:ALA:H	14	0.32
(1,1975)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	12	0.32
(1,1975)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	12	0.32
(1,1975)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	12	0.32
(1,1975)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	12	0.32
(1,1975)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	12	0.32
(1,1975)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	12	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1972)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	14	0.32
(1,1972)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	14	0.32
(1,1972)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	14	0.32
(1,1972)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	14	0.32
(1,1972)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	14	0.32
(1,1972)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	14	0.32
(1,1972)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	14	0.32
(1,1972)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	14	0.32
(1,1972)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	14	0.32
(1,1972)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	14	0.32
(1,1972)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	14	0.32
(1,1972)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	14	0.32
(1,1945)	1:10:A:ASN:HB3	1:61:A:SER:HB2	12	0.32
(1,1945)	1:10:A:ASN:HB3	1:61:A:SER:HB3	12	0.32
(1,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	1	0.32
(1,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	1	0.32
(1,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	1	0.32
(1,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	1	0.32
(1,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	1	0.32
(1,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	1	0.32
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	8	0.32
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	8	0.32
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	8	0.32
(1,1872)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	4	0.32
(1,1861)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	8	0.32
(1,1861)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	8	0.32
(1,1861)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	8	0.32
(1,1861)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	8	0.32
(1,1753)	1:31:A:PRO:HB2	1:35:A:LEU:HA	11	0.32
(1,1753)	1:31:A:PRO:HB3	1:35:A:LEU:HA	11	0.32
(1,1580)	1:11:A:ILE:HD11	1:14:A:VAL:H	18	0.32
(1,1580)	1:11:A:ILE:HD12	1:14:A:VAL:H	18	0.32
(1,1580)	1:11:A:ILE:HD13	1:14:A:VAL:H	18	0.32
(1,1571)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	15	0.32
(1,1571)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	15	0.32
(1,1571)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	15	0.32
(1,1571)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	15	0.32
(1,1571)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	15	0.32
(1,1571)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	15	0.32
(1,1571)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	15	0.32
(1,1571)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	15	0.32
(1,1571)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	15	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1514)	1:43:A:MET:HA	1:43:A:MET:HE1	2	0.32
(1,1514)	1:43:A:MET:HA	1:43:A:MET:HE2	2	0.32
(1,1514)	1:43:A:MET:HA	1:43:A:MET:HE3	2	0.32
(1,1480)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	12	0.32
(1,1480)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	12	0.32
(1,1480)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	12	0.32
(1,1480)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	12	0.32
(1,1480)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	12	0.32
(1,1480)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	12	0.32
(1,1426)	1:73:A:ILE:HG21	1:110:A:MET:HG2	1	0.32
(1,1426)	1:73:A:ILE:HG21	1:110:A:MET:HG3	1	0.32
(1,1426)	1:73:A:ILE:HG22	1:110:A:MET:HG2	1	0.32
(1,1426)	1:73:A:ILE:HG22	1:110:A:MET:HG3	1	0.32
(1,1426)	1:73:A:ILE:HG23	1:110:A:MET:HG2	1	0.32
(1,1426)	1:73:A:ILE:HG23	1:110:A:MET:HG3	1	0.32
(1,1331)	1:8:A:ASP:HA	1:9:A:PHE:H	12	0.32
(1,1272)	1:15:A:ALA:HA	1:131:A:LEU:HB2	7	0.32
(1,1264)	1:12:A:VAL:HG11	1:40:A:LEU:HA	3	0.32
(1,1264)	1:12:A:VAL:HG12	1:40:A:LEU:HA	3	0.32
(1,1264)	1:12:A:VAL:HG13	1:40:A:LEU:HA	3	0.32
(1,1211)	1:41:A:LYS:HG3	1:44:A:GLU:HG3	16	0.32
(1,1131)	1:143:A:TRP:HA	1:143:A:TRP:HE3	2	0.32
(1,991)	1:11:A:ILE:HG12	1:14:A:VAL:HB	2	0.32
(1,991)	1:11:A:ILE:HG12	1:14:A:VAL:HB	16	0.32
(1,940)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	11	0.32
(1,940)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	11	0.32
(1,940)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	11	0.32
(1,935)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	13	0.32
(1,881)	1:8:A:ASP:HB2	1:54:A:ARG:HE	14	0.32
(1,861)	1:43:A:MET:HE1	1:131:A:LEU:HB3	12	0.32
(1,861)	1:43:A:MET:HE2	1:131:A:LEU:HB3	12	0.32
(1,861)	1:43:A:MET:HE3	1:131:A:LEU:HB3	12	0.32
(1,852)	1:45:A:ALA:HA	1:48:A:ARG:HD2	15	0.32
(1,852)	1:45:A:ALA:HA	1:48:A:ARG:HD3	15	0.32
(1,798)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	16	0.32
(1,798)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	16	0.32
(1,798)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	16	0.32
(1,796)	1:101:A:ILE:HD11	1:119:A:LEU:HG	1	0.32
(1,796)	1:101:A:ILE:HD12	1:119:A:LEU:HG	1	0.32
(1,796)	1:101:A:ILE:HD13	1:119:A:LEU:HG	1	0.32
(1,764)	1:147:A:ARG:HA	1:147:A:ARG:HE	18	0.32
(1,549)	1:124:A:THR:H	1:127:A:CYS:HB3	2	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,498)	1:97:A:ASP:HB2	1:105:A:LYS:H	10	0.32
(1,498)	1:97:A:ASP:HB3	1:105:A:LYS:H	10	0.32
(1,391)	1:106:A:ASP:H	1:112:A:GLN:HE21	11	0.32
(1,391)	1:106:A:ASP:H	1:112:A:GLN:HE21	18	0.32
(1,127)	1:79:A:THR:H	1:80:A:TYR:H	7	0.32
(1,127)	1:79:A:THR:H	1:80:A:TYR:H	13	0.32
(1,9)	1:64:A:LYS:H	1:116:A:GLN:HE22	11	0.32
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG11	11	0.31
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG12	11	0.31
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG13	11	0.31
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG21	11	0.31
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG22	11	0.31
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG23	11	0.31
(34,2270)	1:76:A:ARG:H	1:77:A:CYS:HB2	12	0.31
(34,2270)	1:76:A:ARG:H	1:77:A:CYS:HB3	12	0.31
(34,2162)	1:46:A:ASN:HD21	1:137:A:SER:HA	17	0.31
(34,2162)	1:46:A:ASN:HD22	1:137:A:SER:HA	17	0.31
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD11	4	0.31
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD12	4	0.31
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD13	4	0.31
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD21	4	0.31
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD22	4	0.31
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD23	4	0.31
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD11	12	0.31
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD12	12	0.31
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD13	12	0.31
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD21	12	0.31
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD22	12	0.31
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD23	12	0.31
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD11	12	0.31
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD12	12	0.31
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD13	12	0.31
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD21	12	0.31
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD22	12	0.31
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD23	12	0.31
(34,2069)	1:34:A:LYS:H	1:81:A:GLU:HB2	12	0.31
(34,2069)	1:34:A:LYS:H	1:81:A:GLU:HB3	12	0.31
(34,2020)	1:17:A:ASN:HB2	1:117:A:VAL:HG11	19	0.31
(34,2020)	1:17:A:ASN:HB2	1:117:A:VAL:HG12	19	0.31
(34,2020)	1:17:A:ASN:HB2	1:117:A:VAL:HG13	19	0.31
(34,2020)	1:17:A:ASN:HB2	1:117:A:VAL:HG21	19	0.31
(34,2020)	1:17:A:ASN:HB2	1:117:A:VAL:HG22	19	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2020)	1:17:A:ASN:HB2	1:117:A:VAL:HG23	19	0.31
(34,2020)	1:17:A:ASN:HB3	1:117:A:VAL:HG11	19	0.31
(34,2020)	1:17:A:ASN:HB3	1:117:A:VAL:HG12	19	0.31
(34,2020)	1:17:A:ASN:HB3	1:117:A:VAL:HG13	19	0.31
(34,2020)	1:17:A:ASN:HB3	1:117:A:VAL:HG21	19	0.31
(34,2020)	1:17:A:ASN:HB3	1:117:A:VAL:HG22	19	0.31
(34,2020)	1:17:A:ASN:HB3	1:117:A:VAL:HG23	19	0.31
(34,1911)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	10	0.31
(34,1911)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	10	0.31
(34,1906)	1:63:A:ILE:HB	1:113:A:PHE:HD1	12	0.31
(34,1906)	1:63:A:ILE:HB	1:113:A:PHE:HD2	12	0.31
(34,1866)	1:9:A:PHE:HZ	1:44:A:GLU:HA	5	0.31
(34,1859)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	18	0.31
(34,1859)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	18	0.31
(34,1859)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	18	0.31
(34,1859)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	18	0.31
(34,1859)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	18	0.31
(34,1859)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	18	0.31
(34,1837)	1:9:A:PHE:HZ	1:54:A:ARG:HA	18	0.31
(34,1831)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	6	0.31
(34,1831)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	6	0.31
(34,1831)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	6	0.31
(34,1831)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	6	0.31
(34,1831)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	6	0.31
(34,1831)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	6	0.31
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	12	0.31
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	12	0.31
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	12	0.31
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	12	0.31
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	12	0.31
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	12	0.31
(34,1808)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	16	0.31
(34,1808)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	16	0.31
(34,1808)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	16	0.31
(34,1808)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	16	0.31
(34,1662)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	12	0.31
(34,1662)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	12	0.31
(34,1662)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	12	0.31
(34,1662)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	12	0.31
(34,1662)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	12	0.31
(34,1662)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	12	0.31
(34,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE1	13	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE2	13	0.31
(34,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE3	13	0.31
(34,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE1	13	0.31
(34,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE2	13	0.31
(34,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE3	13	0.31
(34,1533)	1:69:A:MET:HE1	1:115:A:ALA:H	5	0.31
(34,1533)	1:69:A:MET:HE2	1:115:A:ALA:H	5	0.31
(34,1533)	1:69:A:MET:HE3	1:115:A:ALA:H	5	0.31
(34,1529)	1:11:A:ILE:HG21	1:43:A:MET:HE1	18	0.31
(34,1529)	1:11:A:ILE:HG21	1:43:A:MET:HE2	18	0.31
(34,1529)	1:11:A:ILE:HG21	1:43:A:MET:HE3	18	0.31
(34,1529)	1:11:A:ILE:HG22	1:43:A:MET:HE1	18	0.31
(34,1529)	1:11:A:ILE:HG22	1:43:A:MET:HE2	18	0.31
(34,1529)	1:11:A:ILE:HG22	1:43:A:MET:HE3	18	0.31
(34,1529)	1:11:A:ILE:HG23	1:43:A:MET:HE1	18	0.31
(34,1529)	1:11:A:ILE:HG23	1:43:A:MET:HE2	18	0.31
(34,1529)	1:11:A:ILE:HG23	1:43:A:MET:HE3	18	0.31
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE1	1	0.31
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE2	1	0.31
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE3	1	0.31
(34,1482)	1:42:A:GLU:H	1:45:A:ALA:HB1	9	0.31
(34,1482)	1:42:A:GLU:H	1:45:A:ALA:HB2	9	0.31
(34,1482)	1:42:A:GLU:H	1:45:A:ALA:HB3	9	0.31
(34,1474)	1:13:A:ALA:HB1	1:61:A:SER:HA	6	0.31
(34,1474)	1:13:A:ALA:HB2	1:61:A:SER:HA	6	0.31
(34,1474)	1:13:A:ALA:HB3	1:61:A:SER:HA	6	0.31
(34,1238)	1:69:A:MET:HE1	1:110:A:MET:HA	12	0.31
(34,1238)	1:69:A:MET:HE2	1:110:A:MET:HA	12	0.31
(34,1238)	1:69:A:MET:HE3	1:110:A:MET:HA	12	0.31
(34,1186)	1:150:A:THR:HG21	1:151:A:PHE:HA	5	0.31
(34,1186)	1:150:A:THR:HG22	1:151:A:PHE:HA	5	0.31
(34,1186)	1:150:A:THR:HG23	1:151:A:PHE:HA	5	0.31
(34,1164)	1:138:A:ASP:HA	1:141:A:LYS:H	8	0.31
(34,1164)	1:138:A:ASP:HA	1:141:A:LYS:H	11	0.31
(34,1164)	1:138:A:ASP:HA	1:141:A:LYS:H	18	0.31
(34,1080)	1:70:A:LYS:H	1:70:A:LYS:HD2	6	0.31
(34,1044)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	18	0.31
(34,1044)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	18	0.31
(34,1044)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	18	0.31
(34,1044)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	18	0.31
(34,1018)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	19	0.31
(34,1018)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	19	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,983)	1:15:A:ALA:HB1	1:43:A:MET:HB2	8	0.31
(34,983)	1:15:A:ALA:HB2	1:43:A:MET:HB2	8	0.31
(34,983)	1:15:A:ALA:HB3	1:43:A:MET:HB2	8	0.31
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG2	12	0.31
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG3	12	0.31
(34,940)	1:125:A:THR:HB	1:128:A:LEU:HB2	10	0.31
(34,937)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	3	0.31
(34,937)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	3	0.31
(34,937)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	3	0.31
(34,934)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	16	0.31
(34,934)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	16	0.31
(34,879)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	1	0.31
(34,879)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	1	0.31
(34,879)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	1	0.31
(34,823)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.31
(34,823)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.31
(34,823)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.31
(34,818)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	5	0.31
(34,818)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	5	0.31
(34,818)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	5	0.31
(34,818)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	5	0.31
(34,818)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	5	0.31
(34,818)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	5	0.31
(34,818)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	5	0.31
(34,818)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	5	0.31
(34,818)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	5	0.31
(34,812)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	7	0.31
(34,812)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	7	0.31
(34,812)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	7	0.31
(34,795)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	8	0.31
(34,795)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	8	0.31
(34,795)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	8	0.31
(34,795)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	8	0.31
(34,795)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	8	0.31
(34,795)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	8	0.31
(34,748)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	14	0.31
(34,746)	1:107:A:LEU:H	1:112:A:GLN:HE22	5	0.31
(34,724)	1:48:A:ARG:HA	1:48:A:ARG:HE	15	0.31
(34,354)	1:122:A:ASP:HB3	1:123:A:CYS:H	4	0.31
(34,354)	1:122:A:ASP:HB3	1:123:A:CYS:H	8	0.31
(34,303)	1:128:A:LEU:HB3	1:129:A:LYS:H	7	0.31
(34,303)	1:128:A:LEU:HB3	1:129:A:LYS:H	12	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,236)	1:44:A:GLU:HG3	1:48:A:ARG:H	3	0.31
(34,236)	1:44:A:GLU:HG3	1:48:A:ARG:H	6	0.31
(34,136)	1:13:A:ALA:HB1	1:80:A:TYR:H	19	0.31
(34,136)	1:13:A:ALA:HB2	1:80:A:TYR:H	19	0.31
(34,136)	1:13:A:ALA:HB3	1:80:A:TYR:H	19	0.31
(34,130)	1:46:A:ASN:HB3	1:49:A:LYS:H	8	0.31
(34,130)	1:46:A:ASN:HB3	1:49:A:LYS:H	10	0.31
(34,130)	1:46:A:ASN:HB3	1:49:A:LYS:H	12	0.31
(34,127)	1:48:A:ARG:HD2	1:49:A:LYS:H	3	0.31
(34,127)	1:48:A:ARG:HD3	1:49:A:LYS:H	3	0.31
(34,115)	1:21:A:THR:HB	1:22:A:ASP:H	7	0.31
(34,112)	1:69:A:MET:H	1:73:A:ILE:HD11	1	0.31
(34,112)	1:69:A:MET:H	1:73:A:ILE:HD12	1	0.31
(34,112)	1:69:A:MET:H	1:73:A:ILE:HD13	1	0.31
(34,74)	1:22:A:ASP:HA	1:23:A:LEU:H	10	0.31
(34,65)	1:81:A:GLU:H	1:81:A:GLU:HB3	4	0.31
(34,53)	1:98:A:ILE:H	1:101:A:ILE:HG21	16	0.31
(34,53)	1:98:A:ILE:H	1:101:A:ILE:HG22	16	0.31
(34,53)	1:98:A:ILE:H	1:101:A:ILE:HG23	16	0.31
(33,2281)	1:76:A:ARG:H	1:77:A:CYS:HB2	12	0.31
(33,2281)	1:76:A:ARG:H	1:77:A:CYS:HB3	12	0.31
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD11	18	0.31
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD12	18	0.31
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD13	18	0.31
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD21	18	0.31
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD22	18	0.31
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD23	18	0.31
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD11	19	0.31
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD12	19	0.31
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD13	19	0.31
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD21	19	0.31
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD22	19	0.31
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD23	19	0.31
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD11	12	0.31
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD12	12	0.31
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD13	12	0.31
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD21	12	0.31
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD22	12	0.31
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD23	12	0.31
(33,2042)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	14	0.31
(33,2042)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	14	0.31
(33,2042)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	14	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2042)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	14	0.31
(33,2042)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	14	0.31
(33,2042)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	14	0.31
(33,2042)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	14	0.31
(33,2042)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	14	0.31
(33,2042)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	14	0.31
(33,2042)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	14	0.31
(33,2042)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	14	0.31
(33,2042)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	14	0.31
(33,2039)	1:23:A:LEU:HD11	1:25:A:ALA:H	11	0.31
(33,2039)	1:23:A:LEU:HD12	1:25:A:ALA:H	11	0.31
(33,2039)	1:23:A:LEU:HD13	1:25:A:ALA:H	11	0.31
(33,2039)	1:23:A:LEU:HD21	1:25:A:ALA:H	11	0.31
(33,2039)	1:23:A:LEU:HD22	1:25:A:ALA:H	11	0.31
(33,2039)	1:23:A:LEU:HD23	1:25:A:ALA:H	11	0.31
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	2	0.31
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	2	0.31
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	2	0.31
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	2	0.31
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	2	0.31
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	2	0.31
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	2	0.31
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	2	0.31
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	2	0.31
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	2	0.31
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	2	0.31
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	2	0.31
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	2	0.31
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	2	0.31
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	2	0.31
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	2	0.31
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	2	0.31
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	2	0.31
(33,1997)	1:15:A:ALA:H	1:17:A:ASN:HD21	11	0.31
(33,1997)	1:15:A:ALA:H	1:17:A:ASN:HD22	11	0.31
(33,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	7	0.31
(33,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	7	0.31
(33,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	7	0.31
(33,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	15	0.31
(33,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	15	0.31
(33,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	15	0.31
(33,1883)	1:104:A:PHE:HE1	1:105:A:LYS:H	7	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1883)	1:104:A:PHE:HE2	1:105:A:LYS:H	7	0.31
(33,1854)	1:9:A:PHE:HZ	1:44:A:GLU:HA	5	0.31
(33,1853)	1:9:A:PHE:HZ	1:11:A:ILE:HA	5	0.31
(33,1827)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	17	0.31
(33,1710)	1:13:A:ALA:HA	1:79:A:THR:HG21	5	0.31
(33,1710)	1:13:A:ALA:HA	1:79:A:THR:HG22	5	0.31
(33,1710)	1:13:A:ALA:HA	1:79:A:THR:HG23	5	0.31
(33,1699)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	17	0.31
(33,1678)	1:72:A:PHE:HB2	1:109:A:PRO:HA	2	0.31
(33,1636)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	11	0.31
(33,1636)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	11	0.31
(33,1636)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	11	0.31
(33,1541)	1:139:A:LEU:HD21	1:142:A:LYS:HE2	6	0.31
(33,1541)	1:139:A:LEU:HD21	1:142:A:LYS:HE3	6	0.31
(33,1541)	1:139:A:LEU:HD22	1:142:A:LYS:HE2	6	0.31
(33,1541)	1:139:A:LEU:HD22	1:142:A:LYS:HE3	6	0.31
(33,1541)	1:139:A:LEU:HD23	1:142:A:LYS:HE2	6	0.31
(33,1541)	1:139:A:LEU:HD23	1:142:A:LYS:HE3	6	0.31
(33,1526)	1:76:A:ARG:HG2	1:110:A:MET:HE1	13	0.31
(33,1526)	1:76:A:ARG:HG2	1:110:A:MET:HE2	13	0.31
(33,1526)	1:76:A:ARG:HG2	1:110:A:MET:HE3	13	0.31
(33,1526)	1:76:A:ARG:HG3	1:110:A:MET:HE1	13	0.31
(33,1526)	1:76:A:ARG:HG3	1:110:A:MET:HE2	13	0.31
(33,1526)	1:76:A:ARG:HG3	1:110:A:MET:HE3	13	0.31
(33,1509)	1:69:A:MET:HE1	1:115:A:ALA:H	2	0.31
(33,1509)	1:69:A:MET:HE2	1:115:A:ALA:H	2	0.31
(33,1509)	1:69:A:MET:HE3	1:115:A:ALA:H	2	0.31
(33,1506)	1:11:A:ILE:HG21	1:43:A:MET:HE1	18	0.31
(33,1506)	1:11:A:ILE:HG21	1:43:A:MET:HE2	18	0.31
(33,1506)	1:11:A:ILE:HG21	1:43:A:MET:HE3	18	0.31
(33,1506)	1:11:A:ILE:HG22	1:43:A:MET:HE1	18	0.31
(33,1506)	1:11:A:ILE:HG22	1:43:A:MET:HE2	18	0.31
(33,1506)	1:11:A:ILE:HG22	1:43:A:MET:HE3	18	0.31
(33,1506)	1:11:A:ILE:HG23	1:43:A:MET:HE1	18	0.31
(33,1506)	1:11:A:ILE:HG23	1:43:A:MET:HE2	18	0.31
(33,1506)	1:11:A:ILE:HG23	1:43:A:MET:HE3	18	0.31
(33,1463)	1:42:A:GLU:H	1:45:A:ALA:HB1	9	0.31
(33,1463)	1:42:A:GLU:H	1:45:A:ALA:HB2	9	0.31
(33,1463)	1:42:A:GLU:H	1:45:A:ALA:HB3	9	0.31
(33,1405)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	18	0.31
(33,1405)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	18	0.31
(33,1405)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	18	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1405)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	18	0.31
(33,1405)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	18	0.31
(33,1405)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	18	0.31
(33,1254)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	10	0.31
(33,1254)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	10	0.31
(33,1254)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	10	0.31
(33,1254)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	10	0.31
(33,1254)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	10	0.31
(33,1254)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	10	0.31
(33,1254)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	10	0.31
(33,1254)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	10	0.31
(33,1254)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	10	0.31
(33,1244)	1:39:A:VAL:H	1:139:A:LEU:HD21	3	0.31
(33,1244)	1:39:A:VAL:H	1:139:A:LEU:HD22	3	0.31
(33,1244)	1:39:A:VAL:H	1:139:A:LEU:HD23	3	0.31
(33,1173)	1:140:A:LEU:H	1:140:A:LEU:HD11	12	0.31
(33,1173)	1:140:A:LEU:H	1:140:A:LEU:HD12	12	0.31
(33,1173)	1:140:A:LEU:H	1:140:A:LEU:HD13	12	0.31
(33,1135)	1:138:A:ASP:HA	1:141:A:LYS:H	8	0.31
(33,1135)	1:138:A:ASP:HA	1:141:A:LYS:H	11	0.31
(33,1135)	1:138:A:ASP:HA	1:141:A:LYS:H	18	0.31
(33,1115)	1:105:A:LYS:HA	1:105:A:LYS:HG3	3	0.31
(33,1097)	1:116:A:GLN:HA	1:119:A:LEU:HD21	3	0.31
(33,1097)	1:116:A:GLN:HA	1:119:A:LEU:HD22	3	0.31
(33,1097)	1:116:A:GLN:HA	1:119:A:LEU:HD23	3	0.31
(33,1056)	1:43:A:MET:HB2	1:140:A:LEU:HG	9	0.31
(33,972)	1:140:A:LEU:HD21	1:141:A:LYS:HB2	12	0.31
(33,972)	1:140:A:LEU:HD21	1:141:A:LYS:HB3	12	0.31
(33,972)	1:140:A:LEU:HD22	1:141:A:LYS:HB2	12	0.31
(33,972)	1:140:A:LEU:HD22	1:141:A:LYS:HB3	12	0.31
(33,972)	1:140:A:LEU:HD23	1:141:A:LYS:HB2	12	0.31
(33,972)	1:140:A:LEU:HD23	1:141:A:LYS:HB3	12	0.31
(33,940)	1:63:A:ILE:HG12	1:117:A:VAL:HA	7	0.31
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB1	8	0.31
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB2	8	0.31
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB3	8	0.31
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB1	8	0.31
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB2	8	0.31
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB3	8	0.31
(33,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	3	0.31
(33,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	3	0.31
(33,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	3	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,922)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	16	0.31
(33,922)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	16	0.31
(33,819)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.31
(33,819)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.31
(33,819)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.31
(33,806)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	7	0.31
(33,806)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	7	0.31
(33,806)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	7	0.31
(33,802)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	10	0.31
(33,802)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	10	0.31
(33,802)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	10	0.31
(33,714)	1:48:A:ARG:HA	1:48:A:ARG:HE	15	0.31
(33,711)	1:44:A:GLU:HB2	1:48:A:ARG:HE	11	0.31
(33,711)	1:44:A:GLU:HB3	1:48:A:ARG:HE	11	0.31
(33,668)	1:63:A:ILE:HG12	1:117:A:VAL:H	14	0.31
(33,616)	1:14:A:VAL:HB	1:16:A:SER:H	19	0.31
(33,584)	1:126:A:GLY:H	1:128:A:LEU:HB2	16	0.31
(33,129)	1:13:A:ALA:HB1	1:80:A:TYR:H	19	0.31
(33,129)	1:13:A:ALA:HB2	1:80:A:TYR:H	19	0.31
(33,129)	1:13:A:ALA:HB3	1:80:A:TYR:H	19	0.31
(33,80)	1:22:A:ASP:HA	1:23:A:LEU:H	10	0.31
(33,75)	1:63:A:ILE:HG21	1:117:A:VAL:H	8	0.31
(33,75)	1:63:A:ILE:HG22	1:117:A:VAL:H	8	0.31
(33,75)	1:63:A:ILE:HG23	1:117:A:VAL:H	8	0.31
(33,57)	1:98:A:ILE:H	1:101:A:ILE:HG21	16	0.31
(33,57)	1:98:A:ILE:H	1:101:A:ILE:HG22	16	0.31
(33,57)	1:98:A:ILE:H	1:101:A:ILE:HG23	16	0.31
(32,2267)	1:76:A:ARG:H	1:77:A:CYS:HB2	12	0.31
(32,2267)	1:76:A:ARG:H	1:77:A:CYS:HB3	12	0.31
(32,2241)	1:69:A:MET:H	1:69:A:MET:HG2	1	0.31
(32,2241)	1:69:A:MET:H	1:69:A:MET:HG3	1	0.31
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	14	0.31
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	14	0.31
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	14	0.31
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	14	0.31
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	14	0.31
(32,2154)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	14	0.31
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	14	0.31
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	14	0.31
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	14	0.31
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	14	0.31
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	14	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2154)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	14	0.31
(32,1987)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	2	0.31
(32,1987)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	2	0.31
(32,1987)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	2	0.31
(32,1987)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	2	0.31
(32,1987)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	2	0.31
(32,1987)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	2	0.31
(32,1986)	1:18:A:PHE:HB2	1:132:A:ALA:H	8	0.31
(32,1986)	1:18:A:PHE:HB3	1:132:A:ALA:H	8	0.31
(32,1964)	1:15:A:ALA:H	1:17:A:ASN:HD21	11	0.31
(32,1964)	1:15:A:ALA:H	1:17:A:ASN:HD22	11	0.31
(32,1957)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	12	0.31
(32,1957)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	12	0.31
(32,1957)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	12	0.31
(32,1957)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	12	0.31
(32,1957)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	12	0.31
(32,1957)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	12	0.31
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	19	0.31
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	19	0.31
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	19	0.31
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	19	0.31
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	19	0.31
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	19	0.31
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	19	0.31
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	19	0.31
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	19	0.31
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	19	0.31
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	19	0.31
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	19	0.31
(32,1857)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	7	0.31
(32,1857)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	7	0.31
(32,1857)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	7	0.31
(32,1857)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	15	0.31
(32,1857)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	15	0.31
(32,1857)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	15	0.31
(32,1851)	1:104:A:PHE:HE1	1:105:A:LYS:H	13	0.31
(32,1851)	1:104:A:PHE:HE2	1:105:A:LYS:H	13	0.31
(32,1824)	1:9:A:PHE:HZ	1:44:A:GLU:HA	5	0.31
(32,1823)	1:9:A:PHE:HZ	1:11:A:ILE:HA	5	0.31
(32,1789)	1:9:A:PHE:HZ	1:54:A:ARG:HA	18	0.31
(32,1677)	1:13:A:ALA:HA	1:79:A:THR:HG21	5	0.31
(32,1677)	1:13:A:ALA:HA	1:79:A:THR:HG22	5	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1677)	1:13:A:ALA:HA	1:79:A:THR:HG23	5	0.31
(32,1659)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	17	0.31
(32,1546)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	5	0.31
(32,1546)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	5	0.31
(32,1546)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	5	0.31
(32,1513)	1:139:A:LEU:HD21	1:142:A:LYS:HE2	6	0.31
(32,1513)	1:139:A:LEU:HD21	1:142:A:LYS:HE3	6	0.31
(32,1513)	1:139:A:LEU:HD22	1:142:A:LYS:HE2	6	0.31
(32,1513)	1:139:A:LEU:HD22	1:142:A:LYS:HE3	6	0.31
(32,1513)	1:139:A:LEU:HD23	1:142:A:LYS:HE2	6	0.31
(32,1513)	1:139:A:LEU:HD23	1:142:A:LYS:HE3	6	0.31
(32,1478)	1:69:A:MET:HE1	1:115:A:ALA:H	5	0.31
(32,1478)	1:69:A:MET:HE2	1:115:A:ALA:H	5	0.31
(32,1478)	1:69:A:MET:HE3	1:115:A:ALA:H	5	0.31
(32,1473)	1:11:A:ILE:HG21	1:43:A:MET:HE1	18	0.31
(32,1473)	1:11:A:ILE:HG21	1:43:A:MET:HE2	18	0.31
(32,1473)	1:11:A:ILE:HG21	1:43:A:MET:HE3	18	0.31
(32,1473)	1:11:A:ILE:HG22	1:43:A:MET:HE1	18	0.31
(32,1473)	1:11:A:ILE:HG22	1:43:A:MET:HE2	18	0.31
(32,1473)	1:11:A:ILE:HG22	1:43:A:MET:HE3	18	0.31
(32,1473)	1:11:A:ILE:HG23	1:43:A:MET:HE1	18	0.31
(32,1473)	1:11:A:ILE:HG23	1:43:A:MET:HE2	18	0.31
(32,1473)	1:11:A:ILE:HG23	1:43:A:MET:HE3	18	0.31
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	7	0.31
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	7	0.31
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	7	0.31
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	7	0.31
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	7	0.31
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	7	0.31
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE1	12	0.31
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE2	12	0.31
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE3	12	0.31
(32,1460)	1:12:A:VAL:H	1:43:A:MET:HE1	15	0.31
(32,1460)	1:12:A:VAL:H	1:43:A:MET:HE2	15	0.31
(32,1460)	1:12:A:VAL:H	1:43:A:MET:HE3	15	0.31
(32,1423)	1:15:A:ALA:HB1	1:132:A:ALA:HA	4	0.31
(32,1423)	1:15:A:ALA:HB2	1:132:A:ALA:HA	4	0.31
(32,1423)	1:15:A:ALA:HB3	1:132:A:ALA:HA	4	0.31
(32,1339)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	12	0.31
(32,1339)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	12	0.31
(32,1339)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	12	0.31
(32,987)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	18	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,987)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	18	0.31
(32,987)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	18	0.31
(32,987)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	18	0.31
(32,934)	1:15:A:ALA:HB1	1:43:A:MET:HB2	8	0.31
(32,934)	1:15:A:ALA:HB2	1:43:A:MET:HB2	8	0.31
(32,934)	1:15:A:ALA:HB3	1:43:A:MET:HB2	8	0.31
(32,877)	1:20:A:THR:H	1:21:A:THR:HB	5	0.31
(32,824)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	7	0.31
(32,824)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	7	0.31
(32,824)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	7	0.31
(32,775)	1:54:A:ARG:HB3	1:58:A:ILE:HD11	13	0.31
(32,775)	1:54:A:ARG:HB3	1:58:A:ILE:HD12	13	0.31
(32,775)	1:54:A:ARG:HB3	1:58:A:ILE:HD13	13	0.31
(32,772)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	8	0.31
(32,772)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	8	0.31
(32,772)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	8	0.31
(32,772)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	8	0.31
(32,772)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	8	0.31
(32,772)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	8	0.31
(32,760)	1:101:A:ILE:HD11	1:119:A:LEU:HG	1	0.31
(32,760)	1:101:A:ILE:HD12	1:119:A:LEU:HG	1	0.31
(32,760)	1:101:A:ILE:HD13	1:119:A:LEU:HG	1	0.31
(32,726)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	14	0.31
(32,724)	1:107:A:LEU:H	1:112:A:GLN:HE22	5	0.31
(32,696)	1:48:A:ARG:HA	1:48:A:ARG:HE	15	0.31
(32,693)	1:44:A:GLU:HB2	1:48:A:ARG:HE	11	0.31
(32,693)	1:44:A:GLU:HB3	1:48:A:ARG:HE	11	0.31
(32,571)	1:126:A:GLY:H	1:128:A:LEU:HB2	16	0.31
(32,325)	1:57:A:LEU:H	1:58:A:ILE:HG13	9	0.31
(32,201)	1:98:A:ILE:HD11	1:101:A:ILE:H	9	0.31
(32,201)	1:98:A:ILE:HD12	1:101:A:ILE:H	9	0.31
(32,201)	1:98:A:ILE:HD13	1:101:A:ILE:H	9	0.31
(32,128)	1:13:A:ALA:HB1	1:80:A:TYR:H	19	0.31
(32,128)	1:13:A:ALA:HB2	1:80:A:TYR:H	19	0.31
(32,128)	1:13:A:ALA:HB3	1:80:A:TYR:H	19	0.31
(32,105)	1:69:A:MET:H	1:73:A:ILE:HD11	1	0.31
(32,105)	1:69:A:MET:H	1:73:A:ILE:HD12	1	0.31
(32,105)	1:69:A:MET:H	1:73:A:ILE:HD13	1	0.31
(32,70)	1:22:A:ASP:HA	1:23:A:LEU:H	10	0.31
(30,2425)	1:136:A:CYS:HB2	1:141:A:LYS:H	15	0.31
(30,2425)	1:136:A:CYS:HB3	1:141:A:LYS:H	15	0.31
(30,2257)	1:70:A:LYS:HG2	1:71:A:LYS:H	12	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2257)	1:70:A:LYS:HG3	1:71:A:LYS:H	12	0.31
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	14	0.31
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	14	0.31
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	14	0.31
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	14	0.31
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	14	0.31
(30,2179)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	14	0.31
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	14	0.31
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	14	0.31
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	14	0.31
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	14	0.31
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	14	0.31
(30,2179)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	14	0.31
(30,2097)	1:37:A:LEU:HA	1:40:A:LEU:HD11	9	0.31
(30,2097)	1:37:A:LEU:HA	1:40:A:LEU:HD12	9	0.31
(30,2097)	1:37:A:LEU:HA	1:40:A:LEU:HD13	9	0.31
(30,2097)	1:37:A:LEU:HA	1:40:A:LEU:HD21	9	0.31
(30,2097)	1:37:A:LEU:HA	1:40:A:LEU:HD22	9	0.31
(30,2097)	1:37:A:LEU:HA	1:40:A:LEU:HD23	9	0.31
(30,1995)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	12	0.31
(30,1995)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	12	0.31
(30,1995)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	12	0.31
(30,1995)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	12	0.31
(30,1995)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	12	0.31
(30,1995)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	12	0.31
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	6	0.31
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	6	0.31
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	6	0.31
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	6	0.31
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	6	0.31
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	6	0.31
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	6	0.31
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	6	0.31
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	6	0.31
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	6	0.31
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	6	0.31
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	6	0.31
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	6	0.31
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	6	0.31
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	6	0.31
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	6	0.31
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	6	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	6	0.31
(30,1865)	1:18:A:PHE:HA	1:113:A:PHE:HE1	10	0.31
(30,1865)	1:18:A:PHE:HA	1:113:A:PHE:HE2	10	0.31
(30,1858)	1:9:A:PHE:HZ	1:44:A:GLU:HA	5	0.31
(30,1842)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	10	0.31
(30,1842)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	10	0.31
(30,1842)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	10	0.31
(30,1725)	1:14:A:VAL:H	1:79:A:THR:HG21	13	0.31
(30,1725)	1:14:A:VAL:H	1:79:A:THR:HG22	13	0.31
(30,1725)	1:14:A:VAL:H	1:79:A:THR:HG23	13	0.31
(30,1653)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	11	0.31
(30,1653)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	11	0.31
(30,1653)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	11	0.31
(30,1584)	1:101:A:ILE:HD11	1:112:A:GLN:HA	3	0.31
(30,1584)	1:101:A:ILE:HD12	1:112:A:GLN:HA	3	0.31
(30,1584)	1:101:A:ILE:HD13	1:112:A:GLN:HA	3	0.31
(30,1458)	1:15:A:ALA:HB1	1:132:A:ALA:HA	12	0.31
(30,1458)	1:15:A:ALA:HB2	1:132:A:ALA:HA	12	0.31
(30,1458)	1:15:A:ALA:HB3	1:132:A:ALA:HA	12	0.31
(30,1457)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	15	0.31
(30,1457)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	15	0.31
(30,1457)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	15	0.31
(30,1395)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	2	0.31
(30,1395)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	2	0.31
(30,1395)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	2	0.31
(30,1395)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	2	0.31
(30,1395)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	2	0.31
(30,1395)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	2	0.31
(30,1113)	1:143:A:TRP:HA	1:143:A:TRP:HE3	16	0.31
(30,1094)	1:116:A:GLN:HA	1:119:A:LEU:HD21	3	0.31
(30,1094)	1:116:A:GLN:HA	1:119:A:LEU:HD22	3	0.31
(30,1094)	1:116:A:GLN:HA	1:119:A:LEU:HD23	3	0.31
(30,1031)	1:11:A:ILE:HA	1:11:A:ILE:HD11	6	0.31
(30,1031)	1:11:A:ILE:HA	1:11:A:ILE:HD12	6	0.31
(30,1031)	1:11:A:ILE:HA	1:11:A:ILE:HD13	6	0.31
(30,1020)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	5	0.31
(30,1007)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	18	0.31
(30,1007)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	18	0.31
(30,1007)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	18	0.31
(30,1007)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	18	0.31
(30,989)	1:35:A:LEU:HG	1:143:A:TRP:HB3	1	0.31
(30,931)	1:63:A:ILE:HG12	1:117:A:VAL:HA	7	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,914)	1:125:A:THR:HB	1:128:A:LEU:HB2	7	0.31
(30,870)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	7	0.31
(30,870)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	7	0.31
(30,870)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	7	0.31
(30,868)	1:123:A:CYS:HB3	1:128:A:LEU:HD11	6	0.31
(30,868)	1:123:A:CYS:HB3	1:128:A:LEU:HD12	6	0.31
(30,868)	1:123:A:CYS:HB3	1:128:A:LEU:HD13	6	0.31
(30,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	10	0.31
(30,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	10	0.31
(30,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	10	0.31
(30,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	10	0.31
(30,813)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.31
(30,813)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.31
(30,813)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.31
(30,784)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	13	0.31
(30,784)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	13	0.31
(30,784)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	13	0.31
(30,784)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	13	0.31
(30,784)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	13	0.31
(30,784)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	13	0.31
(30,739)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	14	0.31
(30,737)	1:107:A:LEU:H	1:112:A:GLN:HE22	5	0.31
(30,711)	1:48:A:ARG:HA	1:48:A:ARG:HE	15	0.31
(30,687)	1:145:A:PRO:HB3	1:148:A:CYS:H	10	0.31
(30,585)	1:126:A:GLY:H	1:128:A:LEU:HB2	16	0.31
(30,568)	1:63:A:ILE:HG21	1:116:A:GLN:H	8	0.31
(30,568)	1:63:A:ILE:HG22	1:116:A:GLN:H	8	0.31
(30,568)	1:63:A:ILE:HG23	1:116:A:GLN:H	8	0.31
(30,133)	1:13:A:ALA:HB1	1:80:A:TYR:H	19	0.31
(30,133)	1:13:A:ALA:HB2	1:80:A:TYR:H	19	0.31
(30,133)	1:13:A:ALA:HB3	1:80:A:TYR:H	19	0.31
(30,116)	1:22:A:ASP:H	1:23:A:LEU:HB2	1	0.31
(30,116)	1:22:A:ASP:H	1:23:A:LEU:HB3	1	0.31
(30,116)	1:22:A:ASP:H	1:23:A:LEU:HB2	2	0.31
(30,116)	1:22:A:ASP:H	1:23:A:LEU:HB3	2	0.31
(30,110)	1:69:A:MET:H	1:73:A:ILE:HD11	1	0.31
(30,110)	1:69:A:MET:H	1:73:A:ILE:HD12	1	0.31
(30,110)	1:69:A:MET:H	1:73:A:ILE:HD13	1	0.31
(30,76)	1:29:A:LYS:HA	1:30:A:LEU:H	3	0.31
(30,69)	1:79:A:THR:HG21	1:81:A:GLU:H	16	0.31
(30,69)	1:79:A:THR:HG22	1:81:A:GLU:H	16	0.31
(30,69)	1:79:A:THR:HG23	1:81:A:GLU:H	16	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,50)	1:98:A:ILE:H	1:101:A:ILE:HG21	16	0.31
(30,50)	1:98:A:ILE:H	1:101:A:ILE:HG22	16	0.31
(30,50)	1:98:A:ILE:H	1:101:A:ILE:HG23	16	0.31
(29,2272)	1:80:A:TYR:HD1	1:81:A:GLU:HB2	14	0.31
(29,2272)	1:80:A:TYR:HD1	1:81:A:GLU:HB3	14	0.31
(29,2272)	1:80:A:TYR:HD2	1:81:A:GLU:HB2	14	0.31
(29,2272)	1:80:A:TYR:HD2	1:81:A:GLU:HB3	14	0.31
(29,2263)	1:76:A:ARG:H	1:77:A:CYS:HB2	12	0.31
(29,2263)	1:76:A:ARG:H	1:77:A:CYS:HB3	12	0.31
(29,2235)	1:69:A:MET:H	1:69:A:MET:HG2	1	0.31
(29,2235)	1:69:A:MET:H	1:69:A:MET:HG3	1	0.31
(29,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD11	13	0.31
(29,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD12	13	0.31
(29,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD13	13	0.31
(29,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD21	13	0.31
(29,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD22	13	0.31
(29,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD23	13	0.31
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD11	14	0.31
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD12	14	0.31
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD13	14	0.31
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD21	14	0.31
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD22	14	0.31
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD23	14	0.31
(29,2022)	1:15:A:ALA:H	1:17:A:ASN:HD21	11	0.31
(29,2022)	1:15:A:ALA:H	1:17:A:ASN:HD22	11	0.31
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	6	0.31
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	6	0.31
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	6	0.31
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	6	0.31
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	6	0.31
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	6	0.31
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	6	0.31
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	6	0.31
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	6	0.31
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	6	0.31
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	6	0.31
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	6	0.31
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	6	0.31
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	6	0.31
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	6	0.31
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	6	0.31
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	6	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	6	0.31
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD11	7	0.31
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD12	7	0.31
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD13	7	0.31
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD21	7	0.31
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD22	7	0.31
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD23	7	0.31
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	12	0.31
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	12	0.31
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	12	0.31
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	12	0.31
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	12	0.31
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	12	0.31
(29,1909)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	7	0.31
(29,1909)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	7	0.31
(29,1909)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	7	0.31
(29,1909)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	15	0.31
(29,1909)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	15	0.31
(29,1909)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	15	0.31
(29,1907)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	17	0.31
(29,1901)	1:104:A:PHE:HE1	1:105:A:LYS:H	13	0.31
(29,1901)	1:104:A:PHE:HE2	1:105:A:LYS:H	13	0.31
(29,1828)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	6	0.31
(29,1828)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	6	0.31
(29,1828)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	6	0.31
(29,1828)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	6	0.31
(29,1828)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	6	0.31
(29,1828)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	6	0.31
(29,1741)	1:79:A:THR:HG21	1:81:A:GLU:HG2	16	0.31
(29,1741)	1:79:A:THR:HG21	1:81:A:GLU:HG3	16	0.31
(29,1741)	1:79:A:THR:HG22	1:81:A:GLU:HG2	16	0.31
(29,1741)	1:79:A:THR:HG22	1:81:A:GLU:HG3	16	0.31
(29,1741)	1:79:A:THR:HG23	1:81:A:GLU:HG2	16	0.31
(29,1741)	1:79:A:THR:HG23	1:81:A:GLU:HG3	16	0.31
(29,1724)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	17	0.31
(29,1667)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	12	0.31
(29,1667)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	12	0.31
(29,1667)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	12	0.31
(29,1667)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	12	0.31
(29,1667)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	12	0.31
(29,1667)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	12	0.31
(29,1530)	1:69:A:MET:HE1	1:116:A:GLN:HE22	6	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1530)	1:69:A:MET:HE2	1:116:A:GLN:HE22	6	0.31
(29,1530)	1:69:A:MET:HE3	1:116:A:GLN:HE22	6	0.31
(29,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE1	18	0.31
(29,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE2	18	0.31
(29,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE3	18	0.31
(29,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE1	18	0.31
(29,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE2	18	0.31
(29,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE3	18	0.31
(29,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE1	18	0.31
(29,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE2	18	0.31
(29,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE3	18	0.31
(29,1473)	1:42:A:GLU:H	1:45:A:ALA:HB1	9	0.31
(29,1473)	1:42:A:GLU:H	1:45:A:ALA:HB2	9	0.31
(29,1473)	1:42:A:GLU:H	1:45:A:ALA:HB3	9	0.31
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG21	15	0.31
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG22	15	0.31
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG23	15	0.31
(29,1416)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	18	0.31
(29,1416)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	18	0.31
(29,1416)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	18	0.31
(29,1416)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	18	0.31
(29,1416)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	18	0.31
(29,1416)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	18	0.31
(29,1408)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	15	0.31
(29,1408)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	15	0.31
(29,1408)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	15	0.31
(29,1408)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	15	0.31
(29,1408)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	15	0.31
(29,1408)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	15	0.31
(29,1408)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	15	0.31
(29,1408)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	15	0.31
(29,1408)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	15	0.31
(29,1405)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	2	0.31
(29,1405)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	2	0.31
(29,1405)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	2	0.31
(29,1405)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	2	0.31
(29,1405)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	2	0.31
(29,1405)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	2	0.31
(29,1349)	1:17:A:ASN:HA	1:76:A:ARG:HA	3	0.31
(29,1190)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	11	0.31
(29,1190)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	11	0.31
(29,1190)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	11	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1133)	1:143:A:TRP:HA	1:143:A:TRP:HE3	16	0.31
(29,966)	1:66:A:THR:H	1:96:A:VAL:HB	16	0.31
(29,946)	1:63:A:ILE:HG12	1:117:A:VAL:HA	7	0.31
(29,927)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	6	0.31
(29,927)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	6	0.31
(29,927)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	6	0.31
(29,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	3	0.31
(29,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	3	0.31
(29,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	3	0.31
(29,831)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.31
(29,831)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.31
(29,831)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.31
(29,810)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	8	0.31
(29,810)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	8	0.31
(29,810)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	8	0.31
(29,810)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	8	0.31
(29,810)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	8	0.31
(29,810)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	8	0.31
(29,805)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	13	0.31
(29,805)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	13	0.31
(29,805)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	13	0.31
(29,805)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	13	0.31
(29,805)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	13	0.31
(29,805)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	13	0.31
(29,795)	1:101:A:ILE:HD11	1:119:A:LEU:HG	15	0.31
(29,795)	1:101:A:ILE:HD12	1:119:A:LEU:HG	15	0.31
(29,795)	1:101:A:ILE:HD13	1:119:A:LEU:HG	15	0.31
(29,754)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	14	0.31
(29,623)	1:26:A:ASP:H	1:30:A:LEU:HD11	17	0.31
(29,623)	1:26:A:ASP:H	1:30:A:LEU:HD12	17	0.31
(29,623)	1:26:A:ASP:H	1:30:A:LEU:HD13	17	0.31
(29,623)	1:26:A:ASP:H	1:30:A:LEU:HD21	17	0.31
(29,623)	1:26:A:ASP:H	1:30:A:LEU:HD22	17	0.31
(29,623)	1:26:A:ASP:H	1:30:A:LEU:HD23	17	0.31
(29,532)	1:71:A:LYS:HG3	1:72:A:PHE:H	11	0.31
(29,346)	1:123:A:CYS:H	1:128:A:LEU:HD11	18	0.31
(29,346)	1:123:A:CYS:H	1:128:A:LEU:HD12	18	0.31
(29,346)	1:123:A:CYS:H	1:128:A:LEU:HD13	18	0.31
(29,238)	1:50:A:ALA:H	1:52:A:CYS:H	6	0.31
(29,119)	1:22:A:ASP:H	1:23:A:LEU:HB2	1	0.31
(29,119)	1:22:A:ASP:H	1:23:A:LEU:HB3	1	0.31
(29,119)	1:22:A:ASP:H	1:23:A:LEU:HB2	2	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,119)	1:22:A:ASP:H	1:23:A:LEU:HB3	2	0.31
(29,32)	1:96:A:VAL:H	1:97:A:ASP:H	10	0.31
(23,17)	1:118:A:ASP:N	1:114:A:ILE:O	19	0.31
(23,11)	1:107:A:LEU:N	1:103:A:ARG:O	16	0.31
(23,6)	1:59:A:CYS:N	1:55:A:GLY:O	16	0.31
(23,5)	1:58:A:ILE:N	1:54:A:ARG:O	10	0.31
(22,40)	1:128:A:LEU:N	1:124:A:THR:C	2	0.31
(22,28)	1:115:A:ALA:N	1:111:A:GLU:C	3	0.31
(22,28)	1:115:A:ALA:N	1:111:A:GLU:C	13	0.31
(22,28)	1:115:A:ALA:N	1:111:A:GLU:C	14	0.31
(22,27)	1:115:A:ALA:H	1:111:A:GLU:C	4	0.31
(22,27)	1:115:A:ALA:H	1:111:A:GLU:C	11	0.31
(22,18)	1:73:A:ILE:N	1:69:A:MET:C	14	0.31
(22,18)	1:73:A:ILE:N	1:69:A:MET:C	18	0.31
(22,16)	1:61:A:SER:N	1:57:A:LEU:C	9	0.31
(22,8)	1:45:A:ALA:N	1:41:A:LYS:C	3	0.31
(22,1)	1:17:A:ASN:H	1:13:A:ALA:C	11	0.31
(19,16)	1:52:A:CYS:SG	1:56:A:CYS:CB	8	0.31
(18,2415)	1:134:A:VAL:HG11	1:137:A:SER:H	3	0.31
(18,2415)	1:134:A:VAL:HG12	1:137:A:SER:H	3	0.31
(18,2415)	1:134:A:VAL:HG13	1:137:A:SER:H	3	0.31
(18,2415)	1:134:A:VAL:HG21	1:137:A:SER:H	3	0.31
(18,2415)	1:134:A:VAL:HG22	1:137:A:SER:H	3	0.31
(18,2415)	1:134:A:VAL:HG23	1:137:A:SER:H	3	0.31
(18,2248)	1:69:A:MET:H	1:69:A:MET:HG2	1	0.31
(18,2248)	1:69:A:MET:H	1:69:A:MET:HG3	1	0.31
(18,2104)	1:39:A:VAL:HB	1:140:A:LEU:HD11	13	0.31
(18,2104)	1:39:A:VAL:HB	1:140:A:LEU:HD12	13	0.31
(18,2104)	1:39:A:VAL:HB	1:140:A:LEU:HD13	13	0.31
(18,2104)	1:39:A:VAL:HB	1:140:A:LEU:HD21	13	0.31
(18,2104)	1:39:A:VAL:HB	1:140:A:LEU:HD22	13	0.31
(18,2104)	1:39:A:VAL:HB	1:140:A:LEU:HD23	13	0.31
(18,2077)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	18	0.31
(18,2077)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	18	0.31
(18,2077)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	18	0.31
(18,2077)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	18	0.31
(18,2077)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	18	0.31
(18,2077)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	18	0.31
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD11	15	0.31
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD12	15	0.31
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD13	15	0.31
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD21	15	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD22	15	0.31
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD23	15	0.31
(18,2015)	1:18:A:PHE:HB2	1:132:A:ALA:HA	10	0.31
(18,2015)	1:18:A:PHE:HB3	1:132:A:ALA:HA	10	0.31
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG11	17	0.31
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG12	17	0.31
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG13	17	0.31
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG21	17	0.31
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG22	17	0.31
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG23	17	0.31
(18,1959)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	16	0.31
(18,1959)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	16	0.31
(18,1959)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	16	0.31
(18,1959)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	16	0.31
(18,1959)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	16	0.31
(18,1959)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	16	0.31
(18,1923)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	5	0.31
(18,1923)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	5	0.31
(18,1923)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	5	0.31
(18,1923)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	5	0.31
(18,1886)	1:18:A:PHE:HE1	1:128:A:LEU:HG	7	0.31
(18,1886)	1:18:A:PHE:HE2	1:128:A:LEU:HG	7	0.31
(18,1877)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	17	0.31
(18,1844)	1:9:A:PHE:HZ	1:44:A:GLU:HA	5	0.31
(18,1830)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	10	0.31
(18,1830)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	10	0.31
(18,1830)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	10	0.31
(18,1817)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	10	0.31
(18,1812)	1:9:A:PHE:HZ	1:54:A:ARG:HA	18	0.31
(18,1704)	1:13:A:ALA:HA	1:79:A:THR:HG21	5	0.31
(18,1704)	1:13:A:ALA:HA	1:79:A:THR:HG22	5	0.31
(18,1704)	1:13:A:ALA:HA	1:79:A:THR:HG23	5	0.31
(18,1703)	1:14:A:VAL:H	1:79:A:THR:HG21	13	0.31
(18,1703)	1:14:A:VAL:H	1:79:A:THR:HG22	13	0.31
(18,1703)	1:14:A:VAL:H	1:79:A:THR:HG23	13	0.31
(18,1689)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	17	0.31
(18,1672)	1:72:A:PHE:HB2	1:109:A:PRO:HA	2	0.31
(18,1619)	1:111:A:GLU:HA	1:114:A:ILE:HG21	9	0.31
(18,1619)	1:111:A:GLU:HA	1:114:A:ILE:HG22	9	0.31
(18,1619)	1:111:A:GLU:HA	1:114:A:ILE:HG23	9	0.31
(18,1575)	1:98:A:ILE:HG21	1:104:A:PHE:HE1	2	0.31
(18,1575)	1:98:A:ILE:HG21	1:104:A:PHE:HE2	2	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1575)	1:98:A:ILE:HG22	1:104:A:PHE:HE1	2	0.31
(18,1575)	1:98:A:ILE:HG22	1:104:A:PHE:HE2	2	0.31
(18,1575)	1:98:A:ILE:HG23	1:104:A:PHE:HE1	2	0.31
(18,1575)	1:98:A:ILE:HG23	1:104:A:PHE:HE2	2	0.31
(18,1524)	1:76:A:ARG:HG2	1:110:A:MET:HE1	13	0.31
(18,1524)	1:76:A:ARG:HG2	1:110:A:MET:HE2	13	0.31
(18,1524)	1:76:A:ARG:HG2	1:110:A:MET:HE3	13	0.31
(18,1524)	1:76:A:ARG:HG3	1:110:A:MET:HE1	13	0.31
(18,1524)	1:76:A:ARG:HG3	1:110:A:MET:HE2	13	0.31
(18,1524)	1:76:A:ARG:HG3	1:110:A:MET:HE3	13	0.31
(18,1509)	1:69:A:MET:HE1	1:116:A:GLN:HE22	6	0.31
(18,1509)	1:69:A:MET:HE2	1:116:A:GLN:HE22	6	0.31
(18,1509)	1:69:A:MET:HE3	1:116:A:GLN:HE22	6	0.31
(18,1508)	1:69:A:MET:HE1	1:115:A:ALA:H	5	0.31
(18,1508)	1:69:A:MET:HE2	1:115:A:ALA:H	5	0.31
(18,1508)	1:69:A:MET:HE3	1:115:A:ALA:H	5	0.31
(18,1504)	1:11:A:ILE:HG21	1:43:A:MET:HE1	18	0.31
(18,1504)	1:11:A:ILE:HG21	1:43:A:MET:HE2	18	0.31
(18,1504)	1:11:A:ILE:HG21	1:43:A:MET:HE3	18	0.31
(18,1504)	1:11:A:ILE:HG22	1:43:A:MET:HE1	18	0.31
(18,1504)	1:11:A:ILE:HG22	1:43:A:MET:HE2	18	0.31
(18,1504)	1:11:A:ILE:HG22	1:43:A:MET:HE3	18	0.31
(18,1504)	1:11:A:ILE:HG23	1:43:A:MET:HE1	18	0.31
(18,1504)	1:11:A:ILE:HG23	1:43:A:MET:HE2	18	0.31
(18,1504)	1:11:A:ILE:HG23	1:43:A:MET:HE3	18	0.31
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG21	15	0.31
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG22	15	0.31
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG23	15	0.31
(18,1402)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	18	0.31
(18,1402)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	18	0.31
(18,1402)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	18	0.31
(18,1402)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	18	0.31
(18,1402)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	18	0.31
(18,1402)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	18	0.31
(18,1316)	1:107:A:LEU:HA	1:108:A:GLU:HG2	17	0.31
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	1	0.31
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	1	0.31
(18,1310)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	1	0.31
(18,1257)	1:23:A:LEU:HD11	1:24:A:ASP:H	18	0.31
(18,1257)	1:23:A:LEU:HD12	1:24:A:ASP:H	18	0.31
(18,1257)	1:23:A:LEU:HD13	1:24:A:ASP:H	18	0.31
(18,1221)	1:81:A:GLU:HA	1:81:A:GLU:HG2	2	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1221)	1:81:A:GLU:HA	1:81:A:GLU:HG3	2	0.31
(18,1221)	1:81:A:GLU:HA	1:81:A:GLU:HG2	3	0.31
(18,1221)	1:81:A:GLU:HA	1:81:A:GLU:HG3	3	0.31
(18,1221)	1:81:A:GLU:HA	1:81:A:GLU:HG2	14	0.31
(18,1221)	1:81:A:GLU:HA	1:81:A:GLU:HG3	14	0.31
(18,1052)	1:11:A:ILE:HB	1:44:A:GLU:HB2	17	0.31
(18,1052)	1:11:A:ILE:HB	1:44:A:GLU:HB3	17	0.31
(18,974)	1:15:A:ALA:HB1	1:43:A:MET:HB2	8	0.31
(18,974)	1:15:A:ALA:HB2	1:43:A:MET:HB2	8	0.31
(18,974)	1:15:A:ALA:HB3	1:43:A:MET:HB2	8	0.31
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG2	12	0.31
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG3	12	0.31
(18,947)	1:63:A:ILE:HG12	1:117:A:VAL:HA	7	0.31
(18,944)	1:73:A:ILE:HD11	1:112:A:GLN:HG2	1	0.31
(18,944)	1:73:A:ILE:HD11	1:112:A:GLN:HG3	1	0.31
(18,944)	1:73:A:ILE:HD12	1:112:A:GLN:HG2	1	0.31
(18,944)	1:73:A:ILE:HD12	1:112:A:GLN:HG3	1	0.31
(18,944)	1:73:A:ILE:HD13	1:112:A:GLN:HG2	1	0.31
(18,944)	1:73:A:ILE:HD13	1:112:A:GLN:HG3	1	0.31
(18,924)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	6	0.31
(18,924)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	6	0.31
(18,924)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	6	0.31
(18,853)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	7	0.31
(18,853)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	7	0.31
(18,853)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	7	0.31
(18,828)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.31
(18,828)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.31
(18,828)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.31
(18,806)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	8	0.31
(18,806)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	8	0.31
(18,806)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	8	0.31
(18,806)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	8	0.31
(18,806)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	8	0.31
(18,806)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	8	0.31
(18,757)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	14	0.31
(18,755)	1:107:A:LEU:H	1:112:A:GLN:HE22	5	0.31
(18,725)	1:44:A:GLU:HB2	1:48:A:ARG:HE	11	0.31
(18,725)	1:44:A:GLU:HB3	1:48:A:ARG:HE	11	0.31
(18,712)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	15	0.31
(18,712)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	15	0.31
(18,712)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	15	0.31
(18,602)	1:75:A:GLY:H	1:77:A:CYS:HB3	1	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,593)	1:129:A:LYS:HB2	1:130:A:GLY:H	12	0.31
(18,593)	1:129:A:LYS:HB3	1:130:A:GLY:H	12	0.31
(18,544)	1:71:A:LYS:HG3	1:72:A:PHE:H	11	0.31
(18,355)	1:122:A:ASP:HB3	1:123:A:CYS:H	4	0.31
(18,355)	1:122:A:ASP:HB3	1:123:A:CYS:H	8	0.31
(18,345)	1:57:A:LEU:H	1:58:A:ILE:HG13	9	0.31
(18,274)	1:108:A:GLU:H	1:112:A:GLN:H	5	0.31
(18,239)	1:112:A:GLN:HG2	1:114:A:ILE:H	3	0.31
(18,239)	1:112:A:GLN:HG3	1:114:A:ILE:H	3	0.31
(18,166)	1:95:A:ILE:H	1:95:A:ILE:HB	5	0.31
(18,127)	1:48:A:ARG:HD2	1:49:A:LYS:H	3	0.31
(18,127)	1:48:A:ARG:HD3	1:49:A:LYS:H	3	0.31
(18,114)	1:21:A:THR:HB	1:22:A:ASP:H	7	0.31
(18,78)	1:22:A:ASP:HA	1:23:A:LEU:H	10	0.31
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD11	16	0.31
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD12	16	0.31
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD13	16	0.31
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD21	16	0.31
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD22	16	0.31
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD23	16	0.31
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD11	16	0.31
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD12	16	0.31
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD13	16	0.31
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD21	16	0.31
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD22	16	0.31
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD23	16	0.31
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD11	16	0.31
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD12	16	0.31
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD13	16	0.31
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD21	16	0.31
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD22	16	0.31
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD23	16	0.31
(17,2276)	1:76:A:ARG:H	1:77:A:CYS:HB2	12	0.31
(17,2276)	1:76:A:ARG:H	1:77:A:CYS:HB3	12	0.31
(17,2120)	1:39:A:VAL:HB	1:140:A:LEU:HD11	13	0.31
(17,2120)	1:39:A:VAL:HB	1:140:A:LEU:HD12	13	0.31
(17,2120)	1:39:A:VAL:HB	1:140:A:LEU:HD13	13	0.31
(17,2120)	1:39:A:VAL:HB	1:140:A:LEU:HD21	13	0.31
(17,2120)	1:39:A:VAL:HB	1:140:A:LEU:HD22	13	0.31
(17,2120)	1:39:A:VAL:HB	1:140:A:LEU:HD23	13	0.31
(17,2052)	1:23:A:LEU:HD11	1:27:A:ARG:HA	8	0.31
(17,2052)	1:23:A:LEU:HD12	1:27:A:ARG:HA	8	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2052)	1:23:A:LEU:HD13	1:27:A:ARG:HA	8	0.31
(17,2052)	1:23:A:LEU:HD21	1:27:A:ARG:HA	8	0.31
(17,2052)	1:23:A:LEU:HD22	1:27:A:ARG:HA	8	0.31
(17,2052)	1:23:A:LEU:HD23	1:27:A:ARG:HA	8	0.31
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD11	9	0.31
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD12	9	0.31
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD13	9	0.31
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD21	9	0.31
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD22	9	0.31
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD23	9	0.31
(17,1966)	1:10:A:ASN:HD21	1:14:A:VAL:HB	2	0.31
(17,1966)	1:10:A:ASN:HD22	1:14:A:VAL:HB	2	0.31
(17,1906)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	17	0.31
(17,1873)	1:9:A:PHE:HZ	1:44:A:GLU:HA	5	0.31
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE1	3	0.31
(17,1861)	1:79:A:THR:HB	1:80:A:TYR:HE2	3	0.31
(17,1858)	1:59:A:CYS:HA	1:62:A:HIS:HD2	13	0.31
(17,1787)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	8	0.31
(17,1787)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	8	0.31
(17,1720)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	17	0.31
(17,1674)	1:69:A:MET:HE1	1:116:A:GLN:HG3	2	0.31
(17,1674)	1:69:A:MET:HE2	1:116:A:GLN:HG3	2	0.31
(17,1674)	1:69:A:MET:HE3	1:116:A:GLN:HG3	2	0.31
(17,1649)	1:111:A:GLU:HA	1:114:A:ILE:HG21	9	0.31
(17,1649)	1:111:A:GLU:HA	1:114:A:ILE:HG22	9	0.31
(17,1649)	1:111:A:GLU:HA	1:114:A:ILE:HG23	9	0.31
(17,1491)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	10	0.31
(17,1491)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	10	0.31
(17,1491)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	10	0.31
(17,1491)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	10	0.31
(17,1491)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	10	0.31
(17,1491)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	10	0.31
(17,1486)	1:42:A:GLU:H	1:45:A:ALA:HB1	9	0.31
(17,1486)	1:42:A:GLU:H	1:45:A:ALA:HB2	9	0.31
(17,1486)	1:42:A:GLU:H	1:45:A:ALA:HB3	9	0.31
(17,1401)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	13	0.31
(17,1401)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	13	0.31
(17,1401)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	13	0.31
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD21	8	0.31
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD22	8	0.31
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD23	8	0.31
(17,1337)	1:107:A:LEU:HA	1:108:A:GLU:HG2	17	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1256)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	10	0.31
(17,1256)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	10	0.31
(17,1256)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	10	0.31
(17,1256)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	10	0.31
(17,1256)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	10	0.31
(17,1256)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	10	0.31
(17,1256)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	10	0.31
(17,1256)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	10	0.31
(17,1256)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	10	0.31
(17,1177)	1:140:A:LEU:HD21	1:144:A:LEU:H	15	0.31
(17,1177)	1:140:A:LEU:HD22	1:144:A:LEU:H	15	0.31
(17,1177)	1:140:A:LEU:HD23	1:144:A:LEU:H	15	0.31
(17,1110)	1:116:A:GLN:HA	1:119:A:LEU:HD21	3	0.31
(17,1110)	1:116:A:GLN:HA	1:119:A:LEU:HD22	3	0.31
(17,1110)	1:116:A:GLN:HA	1:119:A:LEU:HD23	3	0.31
(17,1048)	1:11:A:ILE:HA	1:11:A:ILE:HD11	6	0.31
(17,1048)	1:11:A:ILE:HA	1:11:A:ILE:HD12	6	0.31
(17,1048)	1:11:A:ILE:HA	1:11:A:ILE:HD13	6	0.31
(17,999)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	14	0.31
(17,999)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	14	0.31
(17,942)	1:63:A:ILE:HG12	1:117:A:VAL:HA	7	0.31
(17,924)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	6	0.31
(17,924)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	6	0.31
(17,924)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	6	0.31
(17,919)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	16	0.31
(17,919)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	16	0.31
(17,901)	1:69:A:MET:HE1	1:73:A:ILE:HB	12	0.31
(17,901)	1:69:A:MET:HE2	1:73:A:ILE:HB	12	0.31
(17,901)	1:69:A:MET:HE3	1:73:A:ILE:HB	12	0.31
(17,826)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.31
(17,826)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.31
(17,826)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.31
(17,813)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	7	0.31
(17,813)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	7	0.31
(17,813)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	7	0.31
(17,809)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	10	0.31
(17,809)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	10	0.31
(17,809)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	10	0.31
(17,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	8	0.31
(17,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	8	0.31
(17,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	8	0.31
(17,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	8	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	8	0.31
(17,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	8	0.31
(17,745)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	14	0.31
(17,698)	1:98:A:ILE:H	1:104:A:PHE:H	1	0.31
(17,578)	1:128:A:LEU:HD21	1:130:A:GLY:H	8	0.31
(17,578)	1:128:A:LEU:HD22	1:130:A:GLY:H	8	0.31
(17,578)	1:128:A:LEU:HD23	1:130:A:GLY:H	8	0.31
(17,233)	1:50:A:ALA:H	1:52:A:CYS:H	6	0.31
(17,227)	1:44:A:GLU:HG3	1:48:A:ARG:H	3	0.31
(17,227)	1:44:A:GLU:HG3	1:48:A:ARG:H	6	0.31
(17,160)	1:127:A:CYS:H	1:128:A:LEU:HG	8	0.31
(17,132)	1:13:A:ALA:HB1	1:80:A:TYR:H	19	0.31
(17,132)	1:13:A:ALA:HB2	1:80:A:TYR:H	19	0.31
(17,132)	1:13:A:ALA:HB3	1:80:A:TYR:H	19	0.31
(17,108)	1:69:A:MET:H	1:73:A:ILE:HD11	1	0.31
(17,108)	1:69:A:MET:H	1:73:A:ILE:HD12	1	0.31
(17,108)	1:69:A:MET:H	1:73:A:ILE:HD13	1	0.31
(17,74)	1:22:A:ASP:HA	1:23:A:LEU:H	10	0.31
(17,69)	1:79:A:THR:HG21	1:81:A:GLU:H	16	0.31
(17,69)	1:79:A:THR:HG22	1:81:A:GLU:H	16	0.31
(17,69)	1:79:A:THR:HG23	1:81:A:GLU:H	16	0.31
(17,51)	1:98:A:ILE:H	1:101:A:ILE:HG21	16	0.31
(17,51)	1:98:A:ILE:H	1:101:A:ILE:HG22	16	0.31
(17,51)	1:98:A:ILE:H	1:101:A:ILE:HG23	16	0.31
(17,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	5	0.31
(16,2467)	1:141:A:LYS:HA	1:148:A:CYS:HB2	8	0.31
(16,2467)	1:141:A:LYS:HA	1:148:A:CYS:HB3	8	0.31
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD11	6	0.31
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD12	6	0.31
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD13	6	0.31
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD21	6	0.31
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD22	6	0.31
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD23	6	0.31
(16,2413)	1:129:A:LYS:HG2	1:130:A:GLY:H	8	0.31
(16,2413)	1:129:A:LYS:HG3	1:130:A:GLY:H	8	0.31
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD11	18	0.31
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD12	18	0.31
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD13	18	0.31
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD21	18	0.31
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD22	18	0.31
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD23	18	0.31
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD11	19	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD12	19	0.31
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD13	19	0.31
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD21	19	0.31
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD22	19	0.31
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD23	19	0.31
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD11	2	0.31
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD12	2	0.31
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD13	2	0.31
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD21	2	0.31
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD22	2	0.31
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD23	2	0.31
(16,2141)	1:40:A:LEU:HD11	1:43:A:MET:HG3	11	0.31
(16,2141)	1:40:A:LEU:HD12	1:43:A:MET:HG3	11	0.31
(16,2141)	1:40:A:LEU:HD13	1:43:A:MET:HG3	11	0.31
(16,2141)	1:40:A:LEU:HD21	1:43:A:MET:HG3	11	0.31
(16,2141)	1:40:A:LEU:HD22	1:43:A:MET:HG3	11	0.31
(16,2141)	1:40:A:LEU:HD23	1:43:A:MET:HG3	11	0.31
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD11	4	0.31
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD12	4	0.31
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD13	4	0.31
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD21	4	0.31
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD22	4	0.31
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD23	4	0.31
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD11	7	0.31
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD12	7	0.31
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD13	7	0.31
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD21	7	0.31
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD22	7	0.31
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD23	7	0.31
(16,1993)	1:15:A:ALA:H	1:17:A:ASN:HD21	11	0.31
(16,1993)	1:15:A:ALA:H	1:17:A:ASN:HD22	11	0.31
(16,1984)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	14	0.31
(16,1984)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	14	0.31
(16,1984)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	14	0.31
(16,1984)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	14	0.31
(16,1984)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	14	0.31
(16,1984)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	14	0.31
(16,1984)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	14	0.31
(16,1984)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	14	0.31
(16,1984)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	14	0.31
(16,1984)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	14	0.31
(16,1984)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	14	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1984)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	14	0.31
(16,1968)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	19	0.31
(16,1968)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	19	0.31
(16,1968)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	19	0.31
(16,1968)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	19	0.31
(16,1968)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	19	0.31
(16,1968)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	19	0.31
(16,1968)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	19	0.31
(16,1968)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	19	0.31
(16,1968)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	19	0.31
(16,1968)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	19	0.31
(16,1968)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	19	0.31
(16,1968)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	19	0.31
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	9	0.31
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	9	0.31
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	9	0.31
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	9	0.31
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	9	0.31
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	9	0.31
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	9	0.31
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	9	0.31
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	9	0.31
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	9	0.31
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	9	0.31
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	9	0.31
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	9	0.31
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	9	0.31
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	9	0.31
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	9	0.31
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	9	0.31
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	9	0.31
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	8	0.31
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	8	0.31
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	8	0.31
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	8	0.31
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	8	0.31
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	8	0.31
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	8	0.31
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	8	0.31
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	8	0.31
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	8	0.31
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	8	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	8	0.31
(16,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	8	0.31
(16,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	8	0.31
(16,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	8	0.31
(16,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	8	0.31
(16,1844)	1:9:A:PHE:HZ	1:44:A:GLU:HA	5	0.31
(16,1832)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	10	0.31
(16,1832)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	10	0.31
(16,1832)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	10	0.31
(16,1729)	1:98:A:ILE:HG21	1:102:A:PRO:HD3	9	0.31
(16,1729)	1:98:A:ILE:HG22	1:102:A:PRO:HD3	9	0.31
(16,1729)	1:98:A:ILE:HG23	1:102:A:PRO:HD3	9	0.31
(16,1712)	1:13:A:ALA:HA	1:79:A:THR:HG21	5	0.31
(16,1712)	1:13:A:ALA:HA	1:79:A:THR:HG22	5	0.31
(16,1712)	1:13:A:ALA:HA	1:79:A:THR:HG23	5	0.31
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG21	9	0.31
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG22	9	0.31
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG23	9	0.31
(16,1567)	1:101:A:ILE:HD11	1:112:A:GLN:HA	3	0.31
(16,1567)	1:101:A:ILE:HD12	1:112:A:GLN:HA	3	0.31
(16,1567)	1:101:A:ILE:HD13	1:112:A:GLN:HA	3	0.31
(16,1532)	1:76:A:ARG:HG2	1:110:A:MET:HE1	13	0.31
(16,1532)	1:76:A:ARG:HG2	1:110:A:MET:HE2	13	0.31
(16,1532)	1:76:A:ARG:HG2	1:110:A:MET:HE3	13	0.31
(16,1532)	1:76:A:ARG:HG3	1:110:A:MET:HE1	13	0.31
(16,1532)	1:76:A:ARG:HG3	1:110:A:MET:HE2	13	0.31
(16,1532)	1:76:A:ARG:HG3	1:110:A:MET:HE3	13	0.31
(16,1514)	1:11:A:ILE:HG21	1:43:A:MET:HE1	18	0.31
(16,1514)	1:11:A:ILE:HG21	1:43:A:MET:HE2	18	0.31
(16,1514)	1:11:A:ILE:HG21	1:43:A:MET:HE3	18	0.31
(16,1514)	1:11:A:ILE:HG22	1:43:A:MET:HE1	18	0.31
(16,1514)	1:11:A:ILE:HG22	1:43:A:MET:HE2	18	0.31
(16,1514)	1:11:A:ILE:HG22	1:43:A:MET:HE3	18	0.31
(16,1514)	1:11:A:ILE:HG23	1:43:A:MET:HE1	18	0.31
(16,1514)	1:11:A:ILE:HG23	1:43:A:MET:HE2	18	0.31
(16,1514)	1:11:A:ILE:HG23	1:43:A:MET:HE3	18	0.31
(16,1467)	1:42:A:GLU:H	1:45:A:ALA:HB1	9	0.31
(16,1467)	1:42:A:GLU:H	1:45:A:ALA:HB2	9	0.31
(16,1467)	1:42:A:GLU:H	1:45:A:ALA:HB3	9	0.31
(16,1461)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	6	0.31
(16,1461)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	6	0.31
(16,1461)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	6	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1420)	1:73:A:ILE:HG21	1:110:A:MET:HG2	15	0.31
(16,1420)	1:73:A:ILE:HG21	1:110:A:MET:HG3	15	0.31
(16,1420)	1:73:A:ILE:HG22	1:110:A:MET:HG2	15	0.31
(16,1420)	1:73:A:ILE:HG22	1:110:A:MET:HG3	15	0.31
(16,1420)	1:73:A:ILE:HG23	1:110:A:MET:HG2	15	0.31
(16,1420)	1:73:A:ILE:HG23	1:110:A:MET:HG3	15	0.31
(16,1409)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	18	0.31
(16,1409)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	18	0.31
(16,1409)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	18	0.31
(16,1409)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	18	0.31
(16,1409)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	18	0.31
(16,1409)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	18	0.31
(16,1185)	1:116:A:GLN:HA	1:119:A:LEU:HD21	3	0.31
(16,1185)	1:116:A:GLN:HA	1:119:A:LEU:HD22	3	0.31
(16,1185)	1:116:A:GLN:HA	1:119:A:LEU:HD23	3	0.31
(16,1167)	1:150:A:THR:HG21	1:151:A:PHE:HA	5	0.31
(16,1167)	1:150:A:THR:HG22	1:151:A:PHE:HA	5	0.31
(16,1167)	1:150:A:THR:HG23	1:151:A:PHE:HA	5	0.31
(16,1132)	1:143:A:TRP:HA	1:143:A:TRP:HE3	16	0.31
(16,1058)	1:11:A:ILE:HA	1:11:A:ILE:HD11	6	0.31
(16,1058)	1:11:A:ILE:HA	1:11:A:ILE:HD12	6	0.31
(16,1058)	1:11:A:ILE:HA	1:11:A:ILE:HD13	6	0.31
(16,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	18	0.31
(16,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	18	0.31
(16,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	18	0.31
(16,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	18	0.31
(16,1009)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	19	0.31
(16,1009)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	19	0.31
(16,910)	1:69:A:MET:HE1	1:73:A:ILE:HB	12	0.31
(16,910)	1:69:A:MET:HE2	1:73:A:ILE:HB	12	0.31
(16,910)	1:69:A:MET:HE3	1:73:A:ILE:HB	12	0.31
(16,902)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	9	0.31
(16,902)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	9	0.31
(16,902)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	9	0.31
(16,819)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	5	0.31
(16,819)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	5	0.31
(16,819)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	5	0.31
(16,819)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	5	0.31
(16,819)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	5	0.31
(16,819)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	5	0.31
(16,819)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	5	0.31
(16,819)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	5	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,819)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	5	0.31
(16,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	8	0.31
(16,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	8	0.31
(16,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	8	0.31
(16,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	8	0.31
(16,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	8	0.31
(16,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	8	0.31
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE1	15	0.31
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE2	15	0.31
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE3	15	0.31
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE1	15	0.31
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE2	15	0.31
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE3	15	0.31
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE1	15	0.31
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE2	15	0.31
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE3	15	0.31
(16,793)	1:63:A:ILE:HD11	1:64:A:LYS:H	2	0.31
(16,793)	1:63:A:ILE:HD12	1:64:A:LYS:H	2	0.31
(16,793)	1:63:A:ILE:HD13	1:64:A:LYS:H	2	0.31
(16,751)	1:107:A:LEU:H	1:112:A:GLN:HE22	5	0.31
(16,748)	1:42:A:GLU:HB3	1:46:A:ASN:HD22	3	0.31
(16,748)	1:42:A:GLU:HB3	1:46:A:ASN:HD22	9	0.31
(16,722)	1:48:A:ARG:HA	1:48:A:ARG:HE	15	0.31
(16,596)	1:75:A:GLY:H	1:76:A:ARG:HB2	5	0.31
(16,380)	1:40:A:LEU:HB2	1:41:A:LYS:H	6	0.31
(16,302)	1:42:A:GLU:HB3	1:43:A:MET:H	18	0.31
(16,287)	1:73:A:ILE:HD11	1:112:A:GLN:H	2	0.31
(16,287)	1:73:A:ILE:HD12	1:112:A:GLN:H	2	0.31
(16,287)	1:73:A:ILE:HD13	1:112:A:GLN:H	2	0.31
(16,287)	1:73:A:ILE:HD11	1:112:A:GLN:H	4	0.31
(16,287)	1:73:A:ILE:HD12	1:112:A:GLN:H	4	0.31
(16,287)	1:73:A:ILE:HD13	1:112:A:GLN:H	4	0.31
(16,241)	1:50:A:ALA:H	1:52:A:CYS:H	6	0.31
(16,193)	1:58:A:ILE:HG21	1:60:A:LEU:H	6	0.31
(16,193)	1:58:A:ILE:HG22	1:60:A:LEU:H	6	0.31
(16,193)	1:58:A:ILE:HG23	1:60:A:LEU:H	6	0.31
(16,111)	1:21:A:THR:HB	1:22:A:ASP:H	7	0.31
(16,108)	1:69:A:MET:H	1:73:A:ILE:HD11	1	0.31
(16,108)	1:69:A:MET:H	1:73:A:ILE:HD12	1	0.31
(16,108)	1:69:A:MET:H	1:73:A:ILE:HD13	1	0.31
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG21	10	0.31
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG22	10	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG23	10	0.31
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG21	18	0.31
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG22	18	0.31
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG23	18	0.31
(16,71)	1:22:A:ASP:HA	1:23:A:LEU:H	10	0.31
(16,50)	1:98:A:ILE:H	1:101:A:ILE:HG21	16	0.31
(16,50)	1:98:A:ILE:H	1:101:A:ILE:HG22	16	0.31
(16,50)	1:98:A:ILE:H	1:101:A:ILE:HG23	16	0.31
(16,31)	1:96:A:VAL:H	1:96:A:VAL:HA	10	0.31
(16,9)	1:63:A:ILE:HG13	1:64:A:LYS:H	7	0.31
(16,9)	1:63:A:ILE:HG13	1:64:A:LYS:H	9	0.31
(16,9)	1:63:A:ILE:HG13	1:64:A:LYS:H	15	0.31
(15,2372)	1:116:A:GLN:HG3	1:119:A:LEU:HD11	3	0.31
(15,2372)	1:116:A:GLN:HG3	1:119:A:LEU:HD12	3	0.31
(15,2372)	1:116:A:GLN:HG3	1:119:A:LEU:HD13	3	0.31
(15,2372)	1:116:A:GLN:HG3	1:119:A:LEU:HD21	3	0.31
(15,2372)	1:116:A:GLN:HG3	1:119:A:LEU:HD22	3	0.31
(15,2372)	1:116:A:GLN:HG3	1:119:A:LEU:HD23	3	0.31
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	2	0.31
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	2	0.31
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	2	0.31
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	2	0.31
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	2	0.31
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	2	0.31
(15,2086)	1:39:A:VAL:HG11	1:139:A:LEU:HD11	18	0.31
(15,2086)	1:39:A:VAL:HG11	1:139:A:LEU:HD12	18	0.31
(15,2086)	1:39:A:VAL:HG11	1:139:A:LEU:HD13	18	0.31
(15,2086)	1:39:A:VAL:HG11	1:139:A:LEU:HD21	18	0.31
(15,2086)	1:39:A:VAL:HG11	1:139:A:LEU:HD22	18	0.31
(15,2086)	1:39:A:VAL:HG11	1:139:A:LEU:HD23	18	0.31
(15,2086)	1:39:A:VAL:HG12	1:139:A:LEU:HD11	18	0.31
(15,2086)	1:39:A:VAL:HG12	1:139:A:LEU:HD12	18	0.31
(15,2086)	1:39:A:VAL:HG12	1:139:A:LEU:HD13	18	0.31
(15,2086)	1:39:A:VAL:HG12	1:139:A:LEU:HD21	18	0.31
(15,2086)	1:39:A:VAL:HG12	1:139:A:LEU:HD22	18	0.31
(15,2086)	1:39:A:VAL:HG12	1:139:A:LEU:HD23	18	0.31
(15,2086)	1:39:A:VAL:HG13	1:139:A:LEU:HD11	18	0.31
(15,2086)	1:39:A:VAL:HG13	1:139:A:LEU:HD12	18	0.31
(15,2086)	1:39:A:VAL:HG13	1:139:A:LEU:HD13	18	0.31
(15,2086)	1:39:A:VAL:HG13	1:139:A:LEU:HD21	18	0.31
(15,2086)	1:39:A:VAL:HG13	1:139:A:LEU:HD22	18	0.31
(15,2086)	1:39:A:VAL:HG13	1:139:A:LEU:HD23	18	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2086)	1:39:A:VAL:HG21	1:139:A:LEU:HD11	18	0.31
(15,2086)	1:39:A:VAL:HG21	1:139:A:LEU:HD12	18	0.31
(15,2086)	1:39:A:VAL:HG21	1:139:A:LEU:HD13	18	0.31
(15,2086)	1:39:A:VAL:HG21	1:139:A:LEU:HD21	18	0.31
(15,2086)	1:39:A:VAL:HG21	1:139:A:LEU:HD22	18	0.31
(15,2086)	1:39:A:VAL:HG21	1:139:A:LEU:HD23	18	0.31
(15,2086)	1:39:A:VAL:HG22	1:139:A:LEU:HD11	18	0.31
(15,2086)	1:39:A:VAL:HG22	1:139:A:LEU:HD12	18	0.31
(15,2086)	1:39:A:VAL:HG22	1:139:A:LEU:HD13	18	0.31
(15,2086)	1:39:A:VAL:HG22	1:139:A:LEU:HD21	18	0.31
(15,2086)	1:39:A:VAL:HG22	1:139:A:LEU:HD22	18	0.31
(15,2086)	1:39:A:VAL:HG22	1:139:A:LEU:HD23	18	0.31
(15,2086)	1:39:A:VAL:HG23	1:139:A:LEU:HD11	18	0.31
(15,2086)	1:39:A:VAL:HG23	1:139:A:LEU:HD12	18	0.31
(15,2086)	1:39:A:VAL:HG23	1:139:A:LEU:HD13	18	0.31
(15,2086)	1:39:A:VAL:HG23	1:139:A:LEU:HD21	18	0.31
(15,2086)	1:39:A:VAL:HG23	1:139:A:LEU:HD22	18	0.31
(15,2086)	1:39:A:VAL:HG23	1:139:A:LEU:HD23	18	0.31
(15,2077)	1:39:A:VAL:HB	1:140:A:LEU:HD11	13	0.31
(15,2077)	1:39:A:VAL:HB	1:140:A:LEU:HD12	13	0.31
(15,2077)	1:39:A:VAL:HB	1:140:A:LEU:HD13	13	0.31
(15,2077)	1:39:A:VAL:HB	1:140:A:LEU:HD21	13	0.31
(15,2077)	1:39:A:VAL:HB	1:140:A:LEU:HD22	13	0.31
(15,2077)	1:39:A:VAL:HB	1:140:A:LEU:HD23	13	0.31
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD11	9	0.31
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD12	9	0.31
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD13	9	0.31
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD21	9	0.31
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD22	9	0.31
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD23	9	0.31
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD11	9	0.31
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD12	9	0.31
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD13	9	0.31
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD21	9	0.31
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD22	9	0.31
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD23	9	0.31
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD11	9	0.31
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD12	9	0.31
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD13	9	0.31
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD21	9	0.31
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD22	9	0.31
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD23	9	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1994)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	2	0.31
(15,1994)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	2	0.31
(15,1994)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	2	0.31
(15,1994)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	2	0.31
(15,1994)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	2	0.31
(15,1994)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	2	0.31
(15,1978)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	8	0.31
(15,1978)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	8	0.31
(15,1978)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	8	0.31
(15,1978)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	8	0.31
(15,1978)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	8	0.31
(15,1978)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	8	0.31
(15,1978)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	8	0.31
(15,1978)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	8	0.31
(15,1978)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	8	0.31
(15,1978)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	8	0.31
(15,1978)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	8	0.31
(15,1978)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	8	0.31
(15,1978)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	8	0.31
(15,1978)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	8	0.31
(15,1978)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	8	0.31
(15,1978)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	8	0.31
(15,1978)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	8	0.31
(15,1978)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	8	0.31
(15,1978)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	18	0.31
(15,1978)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	18	0.31
(15,1978)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	18	0.31
(15,1978)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	18	0.31
(15,1978)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	18	0.31
(15,1978)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	18	0.31
(15,1978)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	18	0.31
(15,1978)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	18	0.31
(15,1978)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	18	0.31
(15,1978)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	18	0.31
(15,1978)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	18	0.31
(15,1978)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	18	0.31
(15,1978)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	18	0.31
(15,1978)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	18	0.31
(15,1978)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	18	0.31
(15,1978)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	18	0.31
(15,1978)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	18	0.31
(15,1978)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	18	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1971)	1:15:A:ALA:H	1:17:A:ASN:HD21	11	0.31
(15,1971)	1:15:A:ALA:H	1:17:A:ASN:HD22	11	0.31
(15,1864)	1:104:A:PHE:HE1	1:105:A:LYS:H	13	0.31
(15,1864)	1:104:A:PHE:HE2	1:105:A:LYS:H	13	0.31
(15,1808)	1:9:A:PHE:HZ	1:54:A:ARG:HA	18	0.31
(15,1738)	1:36:A:PRO:HA	1:37:A:LEU:HD21	14	0.31
(15,1738)	1:36:A:PRO:HA	1:37:A:LEU:HD22	14	0.31
(15,1738)	1:36:A:PRO:HA	1:37:A:LEU:HD23	14	0.31
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG21	4	0.31
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG22	4	0.31
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG23	4	0.31
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG21	4	0.31
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG22	4	0.31
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG23	4	0.31
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG21	4	0.31
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG22	4	0.31
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG23	4	0.31
(15,1708)	1:14:A:VAL:H	1:79:A:THR:HG21	13	0.31
(15,1708)	1:14:A:VAL:H	1:79:A:THR:HG22	13	0.31
(15,1708)	1:14:A:VAL:H	1:79:A:THR:HG23	13	0.31
(15,1696)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	17	0.31
(15,1682)	1:72:A:PHE:HB2	1:109:A:PRO:HA	2	0.31
(15,1644)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	12	0.31
(15,1644)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	12	0.31
(15,1644)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	12	0.31
(15,1610)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	1	0.31
(15,1610)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	1	0.31
(15,1610)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	1	0.31
(15,1541)	1:139:A:LEU:HD21	1:142:A:LYS:HE2	6	0.31
(15,1541)	1:139:A:LEU:HD21	1:142:A:LYS:HE3	6	0.31
(15,1541)	1:139:A:LEU:HD22	1:142:A:LYS:HE2	6	0.31
(15,1541)	1:139:A:LEU:HD22	1:142:A:LYS:HE3	6	0.31
(15,1541)	1:139:A:LEU:HD23	1:142:A:LYS:HE2	6	0.31
(15,1541)	1:139:A:LEU:HD23	1:142:A:LYS:HE3	6	0.31
(15,1509)	1:69:A:MET:HE1	1:115:A:ALA:H	5	0.31
(15,1509)	1:69:A:MET:HE2	1:115:A:ALA:H	5	0.31
(15,1509)	1:69:A:MET:HE3	1:115:A:ALA:H	5	0.31
(15,1468)	1:95:A:ILE:HG21	1:97:A:ASP:H	9	0.31
(15,1468)	1:95:A:ILE:HG22	1:97:A:ASP:H	9	0.31
(15,1468)	1:95:A:ILE:HG23	1:97:A:ASP:H	9	0.31
(15,1424)	1:69:A:MET:HE1	1:73:A:ILE:HG21	17	0.31
(15,1424)	1:69:A:MET:HE1	1:73:A:ILE:HG22	17	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1424)	1:69:A:MET:HE1	1:73:A:ILE:HG23	17	0.31
(15,1424)	1:69:A:MET:HE2	1:73:A:ILE:HG21	17	0.31
(15,1424)	1:69:A:MET:HE2	1:73:A:ILE:HG22	17	0.31
(15,1424)	1:69:A:MET:HE2	1:73:A:ILE:HG23	17	0.31
(15,1424)	1:69:A:MET:HE3	1:73:A:ILE:HG21	17	0.31
(15,1424)	1:69:A:MET:HE3	1:73:A:ILE:HG22	17	0.31
(15,1424)	1:69:A:MET:HE3	1:73:A:ILE:HG23	17	0.31
(15,1393)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	2	0.31
(15,1393)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	2	0.31
(15,1393)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	2	0.31
(15,1393)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	2	0.31
(15,1393)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	2	0.31
(15,1393)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	2	0.31
(15,1260)	1:12:A:VAL:HG11	1:40:A:LEU:HA	5	0.31
(15,1260)	1:12:A:VAL:HG12	1:40:A:LEU:HA	5	0.31
(15,1260)	1:12:A:VAL:HG13	1:40:A:LEU:HA	5	0.31
(15,1212)	1:69:A:MET:HE1	1:110:A:MET:HA	12	0.31
(15,1212)	1:69:A:MET:HE2	1:110:A:MET:HA	12	0.31
(15,1212)	1:69:A:MET:HE3	1:110:A:MET:HA	12	0.31
(15,1179)	1:116:A:GLN:HA	1:119:A:LEU:HD21	3	0.31
(15,1179)	1:116:A:GLN:HA	1:119:A:LEU:HD22	3	0.31
(15,1179)	1:116:A:GLN:HA	1:119:A:LEU:HD23	3	0.31
(15,1160)	1:150:A:THR:HG21	1:151:A:PHE:HA	5	0.31
(15,1160)	1:150:A:THR:HG22	1:151:A:PHE:HA	5	0.31
(15,1160)	1:150:A:THR:HG23	1:151:A:PHE:HA	5	0.31
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD11	6	0.31
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD12	6	0.31
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD13	6	0.31
(15,1060)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	18	0.31
(15,1060)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	18	0.31
(15,959)	1:15:A:ALA:HB1	1:43:A:MET:HB2	8	0.31
(15,959)	1:15:A:ALA:HB2	1:43:A:MET:HB2	8	0.31
(15,959)	1:15:A:ALA:HB3	1:43:A:MET:HB2	8	0.31
(15,932)	1:63:A:ILE:HG12	1:117:A:VAL:HA	7	0.31
(15,912)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	12	0.31
(15,912)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	12	0.31
(15,912)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	12	0.31
(15,842)	1:45:A:ALA:H	1:48:A:ARG:HD2	8	0.31
(15,842)	1:45:A:ALA:H	1:48:A:ARG:HD3	8	0.31
(15,842)	1:45:A:ALA:H	1:48:A:ARG:HD2	18	0.31
(15,842)	1:45:A:ALA:H	1:48:A:ARG:HD3	18	0.31
(15,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	11	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	11	0.31
(15,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	11	0.31
(15,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	11	0.31
(15,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	11	0.31
(15,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	11	0.31
(15,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	11	0.31
(15,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	11	0.31
(15,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	11	0.31
(15,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	18	0.31
(15,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	18	0.31
(15,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	18	0.31
(15,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	18	0.31
(15,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	18	0.31
(15,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	18	0.31
(15,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	18	0.31
(15,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	18	0.31
(15,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	18	0.31
(15,799)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	8	0.31
(15,799)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	8	0.31
(15,799)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	8	0.31
(15,799)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	8	0.31
(15,799)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	8	0.31
(15,799)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	8	0.31
(15,794)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	8	0.31
(15,794)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	8	0.31
(15,794)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	8	0.31
(15,794)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	8	0.31
(15,794)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	8	0.31
(15,794)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	8	0.31
(15,744)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	14	0.31
(15,742)	1:107:A:LEU:H	1:112:A:GLN:HE22	5	0.31
(15,716)	1:48:A:ARG:HA	1:48:A:ARG:HE	15	0.31
(15,241)	1:50:A:ALA:H	1:52:A:CYS:H	6	0.31
(15,215)	1:98:A:ILE:HD11	1:101:A:ILE:H	9	0.31
(15,215)	1:98:A:ILE:HD12	1:101:A:ILE:H	9	0.31
(15,215)	1:98:A:ILE:HD13	1:101:A:ILE:H	9	0.31
(15,164)	1:127:A:CYS:H	1:128:A:LEU:HG	8	0.31
(15,139)	1:13:A:ALA:HB1	1:80:A:TYR:H	19	0.31
(15,139)	1:13:A:ALA:HB2	1:80:A:TYR:H	19	0.31
(15,139)	1:13:A:ALA:HB3	1:80:A:TYR:H	19	0.31
(15,121)	1:22:A:ASP:H	1:23:A:LEU:HB2	1	0.31
(15,121)	1:22:A:ASP:H	1:23:A:LEU:HB3	1	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,121)	1:22:A:ASP:H	1:23:A:LEU:HB2	2	0.31
(15,121)	1:22:A:ASP:H	1:23:A:LEU:HB3	2	0.31
(15,114)	1:69:A:MET:H	1:73:A:ILE:HD11	1	0.31
(15,114)	1:69:A:MET:H	1:73:A:ILE:HD12	1	0.31
(15,114)	1:69:A:MET:H	1:73:A:ILE:HD13	1	0.31
(15,78)	1:22:A:ASP:HA	1:23:A:LEU:H	10	0.31
(15,12)	1:64:A:LYS:H	1:116:A:GLN:HG3	17	0.31
(13,2243)	1:76:A:ARG:H	1:77:A:CYS:HB2	12	0.31
(13,2243)	1:76:A:ARG:H	1:77:A:CYS:HB3	12	0.31
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	14	0.31
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	14	0.31
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	14	0.31
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	14	0.31
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	14	0.31
(13,2121)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	14	0.31
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	14	0.31
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	14	0.31
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	14	0.31
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	14	0.31
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	14	0.31
(13,2121)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	14	0.31
(13,2119)	1:46:A:ASN:HD21	1:137:A:SER:HA	17	0.31
(13,2119)	1:46:A:ASN:HD22	1:137:A:SER:HA	17	0.31
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	14	0.31
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	14	0.31
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	14	0.31
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	14	0.31
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	14	0.31
(13,2116)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	14	0.31
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	14	0.31
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	14	0.31
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	14	0.31
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	14	0.31
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	14	0.31
(13,2116)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	14	0.31
(13,2022)	1:35:A:LEU:H	1:35:A:LEU:HD11	3	0.31
(13,2022)	1:35:A:LEU:H	1:35:A:LEU:HD12	3	0.31
(13,2022)	1:35:A:LEU:H	1:35:A:LEU:HD13	3	0.31
(13,2022)	1:35:A:LEU:H	1:35:A:LEU:HD21	3	0.31
(13,2022)	1:35:A:LEU:H	1:35:A:LEU:HD22	3	0.31
(13,2022)	1:35:A:LEU:H	1:35:A:LEU:HD23	3	0.31
(13,2021)	1:34:A:LYS:H	1:81:A:GLU:HB2	12	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2021)	1:34:A:LYS:H	1:81:A:GLU:HB3	12	0.31
(13,2003)	1:23:A:LEU:HD11	1:27:A:ARG:HB2	4	0.31
(13,2003)	1:23:A:LEU:HD12	1:27:A:ARG:HB2	4	0.31
(13,2003)	1:23:A:LEU:HD13	1:27:A:ARG:HB2	4	0.31
(13,2003)	1:23:A:LEU:HD21	1:27:A:ARG:HB2	4	0.31
(13,2003)	1:23:A:LEU:HD22	1:27:A:ARG:HB2	4	0.31
(13,2003)	1:23:A:LEU:HD23	1:27:A:ARG:HB2	4	0.31
(13,1963)	1:15:A:ALA:H	1:17:A:ASN:HD21	11	0.31
(13,1963)	1:15:A:ALA:H	1:17:A:ASN:HD22	11	0.31
(13,1929)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	7	0.31
(13,1929)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	7	0.31
(13,1929)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	7	0.31
(13,1929)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	7	0.31
(13,1929)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	7	0.31
(13,1929)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	7	0.31
(13,1929)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	7	0.31
(13,1929)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	7	0.31
(13,1929)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	7	0.31
(13,1929)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	7	0.31
(13,1929)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	7	0.31
(13,1929)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	7	0.31
(13,1929)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	7	0.31
(13,1929)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	7	0.31
(13,1929)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	7	0.31
(13,1929)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	7	0.31
(13,1929)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	7	0.31
(13,1929)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	7	0.31
(13,1908)	1:10:A:ASN:HD21	1:80:A:TYR:HB3	19	0.31
(13,1908)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	19	0.31
(13,1872)	1:58:A:ILE:HA	1:62:A:HIS:HE1	6	0.31
(13,1853)	1:18:A:PHE:HE1	1:128:A:LEU:HG	7	0.31
(13,1853)	1:18:A:PHE:HE2	1:128:A:LEU:HG	7	0.31
(13,1815)	1:9:A:PHE:HZ	1:11:A:ILE:HA	5	0.31
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG21	4	0.31
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG22	4	0.31
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG23	4	0.31
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG21	4	0.31
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG22	4	0.31
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG23	4	0.31
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG21	4	0.31
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG22	4	0.31
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG23	4	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1675)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	17	0.31
(13,1555)	1:98:A:ILE:HG21	1:116:A:GLN:H	18	0.31
(13,1555)	1:98:A:ILE:HG22	1:116:A:GLN:H	18	0.31
(13,1555)	1:98:A:ILE:HG23	1:116:A:GLN:H	18	0.31
(13,1551)	1:101:A:ILE:HD11	1:112:A:GLN:HA	3	0.31
(13,1551)	1:101:A:ILE:HD12	1:112:A:GLN:HA	3	0.31
(13,1551)	1:101:A:ILE:HD13	1:112:A:GLN:HA	3	0.31
(13,1520)	1:139:A:LEU:HD21	1:142:A:LYS:HE2	6	0.31
(13,1520)	1:139:A:LEU:HD21	1:142:A:LYS:HE3	6	0.31
(13,1520)	1:139:A:LEU:HD22	1:142:A:LYS:HE2	6	0.31
(13,1520)	1:139:A:LEU:HD22	1:142:A:LYS:HE3	6	0.31
(13,1520)	1:139:A:LEU:HD23	1:142:A:LYS:HE2	6	0.31
(13,1520)	1:139:A:LEU:HD23	1:142:A:LYS:HE3	6	0.31
(13,1487)	1:11:A:ILE:HG21	1:43:A:MET:HE1	18	0.31
(13,1487)	1:11:A:ILE:HG21	1:43:A:MET:HE2	18	0.31
(13,1487)	1:11:A:ILE:HG21	1:43:A:MET:HE3	18	0.31
(13,1487)	1:11:A:ILE:HG22	1:43:A:MET:HE1	18	0.31
(13,1487)	1:11:A:ILE:HG22	1:43:A:MET:HE2	18	0.31
(13,1487)	1:11:A:ILE:HG22	1:43:A:MET:HE3	18	0.31
(13,1487)	1:11:A:ILE:HG23	1:43:A:MET:HE1	18	0.31
(13,1487)	1:11:A:ILE:HG23	1:43:A:MET:HE2	18	0.31
(13,1487)	1:11:A:ILE:HG23	1:43:A:MET:HE3	18	0.31
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE1	12	0.31
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE2	12	0.31
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE3	12	0.31
(13,1475)	1:12:A:VAL:H	1:43:A:MET:HE1	15	0.31
(13,1475)	1:12:A:VAL:H	1:43:A:MET:HE2	15	0.31
(13,1475)	1:12:A:VAL:H	1:43:A:MET:HE3	15	0.31
(13,1444)	1:42:A:GLU:H	1:45:A:ALA:HB1	9	0.31
(13,1444)	1:42:A:GLU:H	1:45:A:ALA:HB2	9	0.31
(13,1444)	1:42:A:GLU:H	1:45:A:ALA:HB3	9	0.31
(13,1400)	1:69:A:MET:HE1	1:73:A:ILE:HG21	17	0.31
(13,1400)	1:69:A:MET:HE1	1:73:A:ILE:HG22	17	0.31
(13,1400)	1:69:A:MET:HE1	1:73:A:ILE:HG23	17	0.31
(13,1400)	1:69:A:MET:HE2	1:73:A:ILE:HG21	17	0.31
(13,1400)	1:69:A:MET:HE2	1:73:A:ILE:HG22	17	0.31
(13,1400)	1:69:A:MET:HE2	1:73:A:ILE:HG23	17	0.31
(13,1400)	1:69:A:MET:HE3	1:73:A:ILE:HG21	17	0.31
(13,1400)	1:69:A:MET:HE3	1:73:A:ILE:HG22	17	0.31
(13,1400)	1:69:A:MET:HE3	1:73:A:ILE:HG23	17	0.31
(13,1384)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	18	0.31
(13,1384)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	18	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1384)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	18	0.31
(13,1384)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	18	0.31
(13,1384)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	18	0.31
(13,1384)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	18	0.31
(13,1209)	1:43:A:MET:HG2	1:140:A:LEU:HD11	19	0.31
(13,1209)	1:43:A:MET:HG2	1:140:A:LEU:HD12	19	0.31
(13,1209)	1:43:A:MET:HG2	1:140:A:LEU:HD13	19	0.31
(13,1199)	1:144:A:LEU:HA	1:144:A:LEU:HD11	17	0.31
(13,1199)	1:144:A:LEU:HA	1:144:A:LEU:HD12	17	0.31
(13,1199)	1:144:A:LEU:HA	1:144:A:LEU:HD13	17	0.31
(13,1156)	1:116:A:GLN:HA	1:119:A:LEU:HD21	3	0.31
(13,1156)	1:116:A:GLN:HA	1:119:A:LEU:HD22	3	0.31
(13,1156)	1:116:A:GLN:HA	1:119:A:LEU:HD23	3	0.31
(13,1138)	1:150:A:THR:HG21	1:151:A:PHE:HA	5	0.31
(13,1138)	1:150:A:THR:HG22	1:151:A:PHE:HA	5	0.31
(13,1138)	1:150:A:THR:HG23	1:151:A:PHE:HA	5	0.31
(13,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	18	0.31
(13,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	18	0.31
(13,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	18	0.31
(13,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	18	0.31
(13,944)	1:15:A:ALA:HB1	1:43:A:MET:HB2	8	0.31
(13,944)	1:15:A:ALA:HB2	1:43:A:MET:HB2	8	0.31
(13,944)	1:15:A:ALA:HB3	1:43:A:MET:HB2	8	0.31
(13,883)	1:69:A:MET:HE1	1:73:A:ILE:HB	12	0.31
(13,883)	1:69:A:MET:HE2	1:73:A:ILE:HB	12	0.31
(13,883)	1:69:A:MET:HE3	1:73:A:ILE:HB	12	0.31
(13,802)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.31
(13,802)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.31
(13,802)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.31
(13,726)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	14	0.31
(13,724)	1:107:A:LEU:H	1:112:A:GLN:HE22	5	0.31
(13,700)	1:48:A:ARG:HA	1:48:A:ARG:HE	15	0.31
(13,575)	1:128:A:LEU:HD21	1:130:A:GLY:H	8	0.31
(13,575)	1:128:A:LEU:HD22	1:130:A:GLY:H	8	0.31
(13,575)	1:128:A:LEU:HD23	1:130:A:GLY:H	8	0.31
(13,568)	1:11:A:ILE:HD11	1:16:A:SER:H	19	0.31
(13,568)	1:11:A:ILE:HD12	1:16:A:SER:H	19	0.31
(13,568)	1:11:A:ILE:HD13	1:16:A:SER:H	19	0.31
(13,492)	1:105:A:LYS:H	1:105:A:LYS:HD2	1	0.31
(13,492)	1:105:A:LYS:H	1:105:A:LYS:HD3	1	0.31
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE1	16	0.31
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE2	16	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE3	16	0.31
(13,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	4	0.31
(13,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	4	0.31
(13,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	4	0.31
(13,234)	1:50:A:ALA:H	1:52:A:CYS:H	6	0.31
(13,130)	1:13:A:ALA:HB1	1:80:A:TYR:H	19	0.31
(13,130)	1:13:A:ALA:HB2	1:80:A:TYR:H	19	0.31
(13,130)	1:13:A:ALA:HB3	1:80:A:TYR:H	19	0.31
(13,110)	1:21:A:THR:HB	1:22:A:ASP:H	7	0.31
(13,107)	1:69:A:MET:H	1:73:A:ILE:HD11	1	0.31
(13,107)	1:69:A:MET:H	1:73:A:ILE:HD12	1	0.31
(13,107)	1:69:A:MET:H	1:73:A:ILE:HD13	1	0.31
(13,71)	1:22:A:ASP:HA	1:23:A:LEU:H	10	0.31
(13,47)	1:98:A:ILE:H	1:101:A:ILE:HG21	16	0.31
(13,47)	1:98:A:ILE:H	1:101:A:ILE:HG22	16	0.31
(13,47)	1:98:A:ILE:H	1:101:A:ILE:HG23	16	0.31
(11,2403)	1:129:A:LYS:HG2	1:130:A:GLY:H	8	0.31
(11,2403)	1:129:A:LYS:HG3	1:130:A:GLY:H	8	0.31
(11,2254)	1:69:A:MET:HG2	1:70:A:LYS:HE2	17	0.31
(11,2254)	1:69:A:MET:HG2	1:70:A:LYS:HE3	17	0.31
(11,2254)	1:69:A:MET:HG3	1:70:A:LYS:HE2	17	0.31
(11,2254)	1:69:A:MET:HG3	1:70:A:LYS:HE3	17	0.31
(11,2218)	1:60:A:LEU:HD11	1:61:A:SER:HB2	1	0.31
(11,2218)	1:60:A:LEU:HD11	1:61:A:SER:HB3	1	0.31
(11,2218)	1:60:A:LEU:HD12	1:61:A:SER:HB2	1	0.31
(11,2218)	1:60:A:LEU:HD12	1:61:A:SER:HB3	1	0.31
(11,2218)	1:60:A:LEU:HD13	1:61:A:SER:HB2	1	0.31
(11,2218)	1:60:A:LEU:HD13	1:61:A:SER:HB3	1	0.31
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	14	0.31
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	14	0.31
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	14	0.31
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	14	0.31
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	14	0.31
(11,2175)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	14	0.31
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	14	0.31
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	14	0.31
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	14	0.31
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	14	0.31
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	14	0.31
(11,2175)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	14	0.31
(11,2099)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	18	0.31
(11,2099)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	18	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2099)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	18	0.31
(11,2099)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	18	0.31
(11,2099)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	18	0.31
(11,2099)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	18	0.31
(11,1999)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	19	0.31
(11,1999)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	19	0.31
(11,1999)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	19	0.31
(11,1999)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	19	0.31
(11,1999)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	19	0.31
(11,1999)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	19	0.31
(11,1999)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	19	0.31
(11,1999)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	19	0.31
(11,1999)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	19	0.31
(11,1999)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	19	0.31
(11,1999)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	19	0.31
(11,1999)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	19	0.31
(11,1933)	1:58:A:ILE:HA	1:62:A:HIS:HE1	6	0.31
(11,1923)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	10	0.31
(11,1923)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	10	0.31
(11,1908)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	17	0.31
(11,1878)	1:9:A:PHE:HZ	1:44:A:GLU:HA	5	0.31
(11,1877)	1:9:A:PHE:HZ	1:11:A:ILE:HA	5	0.31
(11,1757)	1:79:A:THR:HG21	1:81:A:GLU:HG2	16	0.31
(11,1757)	1:79:A:THR:HG21	1:81:A:GLU:HG3	16	0.31
(11,1757)	1:79:A:THR:HG22	1:81:A:GLU:HG2	16	0.31
(11,1757)	1:79:A:THR:HG22	1:81:A:GLU:HG3	16	0.31
(11,1757)	1:79:A:THR:HG23	1:81:A:GLU:HG2	16	0.31
(11,1757)	1:79:A:THR:HG23	1:81:A:GLU:HG3	16	0.31
(11,1756)	1:13:A:ALA:HA	1:79:A:THR:HG21	5	0.31
(11,1756)	1:13:A:ALA:HA	1:79:A:THR:HG22	5	0.31
(11,1756)	1:13:A:ALA:HA	1:79:A:THR:HG23	5	0.31
(11,1740)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	17	0.31
(11,1692)	1:69:A:MET:HE1	1:116:A:GLN:HE22	6	0.31
(11,1692)	1:69:A:MET:HE2	1:116:A:GLN:HE22	6	0.31
(11,1692)	1:69:A:MET:HE3	1:116:A:GLN:HE22	6	0.31
(11,1642)	1:128:A:LEU:HD21	1:130:A:GLY:H	8	0.31
(11,1642)	1:128:A:LEU:HD22	1:130:A:GLY:H	8	0.31
(11,1642)	1:128:A:LEU:HD23	1:130:A:GLY:H	8	0.31
(11,1572)	1:139:A:LEU:HD21	1:142:A:LYS:HE2	6	0.31
(11,1572)	1:139:A:LEU:HD21	1:142:A:LYS:HE3	6	0.31
(11,1572)	1:139:A:LEU:HD22	1:142:A:LYS:HE2	6	0.31
(11,1572)	1:139:A:LEU:HD22	1:142:A:LYS:HE3	6	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1572)	1:139:A:LEU:HD23	1:142:A:LYS:HE2	6	0.31
(11,1572)	1:139:A:LEU:HD23	1:142:A:LYS:HE3	6	0.31
(11,1552)	1:69:A:MET:HE1	1:109:A:PRO:HB2	5	0.31
(11,1552)	1:69:A:MET:HE1	1:109:A:PRO:HB3	5	0.31
(11,1552)	1:69:A:MET:HE2	1:109:A:PRO:HB2	5	0.31
(11,1552)	1:69:A:MET:HE2	1:109:A:PRO:HB3	5	0.31
(11,1552)	1:69:A:MET:HE3	1:109:A:PRO:HB2	5	0.31
(11,1552)	1:69:A:MET:HE3	1:109:A:PRO:HB3	5	0.31
(11,1523)	1:12:A:VAL:H	1:43:A:MET:HE1	15	0.31
(11,1523)	1:12:A:VAL:H	1:43:A:MET:HE2	15	0.31
(11,1523)	1:12:A:VAL:H	1:43:A:MET:HE3	15	0.31
(11,1496)	1:45:A:ALA:HB1	1:48:A:ARG:HB2	15	0.31
(11,1496)	1:45:A:ALA:HB1	1:48:A:ARG:HB3	15	0.31
(11,1496)	1:45:A:ALA:HB2	1:48:A:ARG:HB2	15	0.31
(11,1496)	1:45:A:ALA:HB2	1:48:A:ARG:HB3	15	0.31
(11,1496)	1:45:A:ALA:HB3	1:48:A:ARG:HB2	15	0.31
(11,1496)	1:45:A:ALA:HB3	1:48:A:ARG:HB3	15	0.31
(11,1489)	1:42:A:GLU:H	1:45:A:ALA:HB1	9	0.31
(11,1489)	1:42:A:GLU:H	1:45:A:ALA:HB2	9	0.31
(11,1489)	1:42:A:GLU:H	1:45:A:ALA:HB3	9	0.31
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG21	4	0.31
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG22	4	0.31
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG23	4	0.31
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG21	4	0.31
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG22	4	0.31
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG23	4	0.31
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG21	4	0.31
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG22	4	0.31
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG23	4	0.31
(11,1429)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	18	0.31
(11,1429)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	18	0.31
(11,1429)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	18	0.31
(11,1429)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	18	0.31
(11,1429)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	18	0.31
(11,1429)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	18	0.31
(11,1415)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	2	0.31
(11,1415)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	2	0.31
(11,1415)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	2	0.31
(11,1415)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	2	0.31
(11,1415)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	2	0.31
(11,1415)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	2	0.31
(11,1343)	1:107:A:LEU:HA	1:108:A:GLU:HG2	17	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1266)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	10	0.31
(11,1266)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	10	0.31
(11,1266)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	10	0.31
(11,1266)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	10	0.31
(11,1266)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	10	0.31
(11,1266)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	10	0.31
(11,1266)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	10	0.31
(11,1266)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	10	0.31
(11,1266)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	10	0.31
(11,1179)	1:140:A:LEU:HD21	1:144:A:LEU:H	15	0.31
(11,1179)	1:140:A:LEU:HD22	1:144:A:LEU:H	15	0.31
(11,1179)	1:140:A:LEU:HD23	1:144:A:LEU:H	15	0.31
(11,1172)	1:150:A:THR:HG21	1:151:A:PHE:HA	5	0.31
(11,1172)	1:150:A:THR:HG22	1:151:A:PHE:HA	5	0.31
(11,1172)	1:150:A:THR:HG23	1:151:A:PHE:HA	5	0.31
(11,1130)	1:143:A:TRP:HA	1:143:A:TRP:HE3	16	0.31
(11,1109)	1:116:A:GLN:HA	1:119:A:LEU:HD21	3	0.31
(11,1109)	1:116:A:GLN:HA	1:119:A:LEU:HD22	3	0.31
(11,1109)	1:116:A:GLN:HA	1:119:A:LEU:HD23	3	0.31
(11,1066)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	18	0.31
(11,1066)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	18	0.31
(11,1041)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	5	0.31
(11,924)	1:125:A:THR:HB	1:128:A:LEU:HB2	7	0.31
(11,921)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	3	0.31
(11,921)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	3	0.31
(11,921)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	3	0.31
(11,918)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	16	0.31
(11,918)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	16	0.31
(11,918)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	16	0.31
(11,918)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	16	0.31
(11,900)	1:54:A:ARG:HA	1:58:A:ILE:HB	6	0.31
(11,862)	1:60:A:LEU:HB2	1:63:A:ILE:H	5	0.31
(11,839)	1:45:A:ALA:H	1:48:A:ARG:HD2	8	0.31
(11,839)	1:45:A:ALA:H	1:48:A:ARG:HD3	8	0.31
(11,839)	1:45:A:ALA:H	1:48:A:ARG:HD2	18	0.31
(11,839)	1:45:A:ALA:H	1:48:A:ARG:HD3	18	0.31
(11,814)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.31
(11,814)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.31
(11,814)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.31
(11,789)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	13	0.31
(11,789)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	13	0.31
(11,789)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	13	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,789)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	13	0.31
(11,789)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	13	0.31
(11,789)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	13	0.31
(11,741)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	14	0.31
(11,739)	1:107:A:LEU:H	1:112:A:GLN:HE22	5	0.31
(11,713)	1:44:A:GLU:HB2	1:48:A:ARG:HE	11	0.31
(11,713)	1:44:A:GLU:HB3	1:48:A:ARG:HE	11	0.31
(11,133)	1:13:A:ALA:HB1	1:80:A:TYR:H	19	0.31
(11,133)	1:13:A:ALA:HB2	1:80:A:TYR:H	19	0.31
(11,133)	1:13:A:ALA:HB3	1:80:A:TYR:H	19	0.31
(11,77)	1:22:A:ASP:HA	1:23:A:LEU:H	10	0.31
(9,2326)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	1	0.31
(9,2326)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	1	0.31
(9,2326)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	1	0.31
(9,2326)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	1	0.31
(9,2326)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	1	0.31
(9,2326)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	1	0.31
(9,2200)	1:69:A:MET:HG2	1:109:A:PRO:HA	5	0.31
(9,2200)	1:69:A:MET:HG3	1:109:A:PRO:HA	5	0.31
(9,2199)	1:69:A:MET:HG2	1:73:A:ILE:HD11	10	0.31
(9,2199)	1:69:A:MET:HG2	1:73:A:ILE:HD12	10	0.31
(9,2199)	1:69:A:MET:HG2	1:73:A:ILE:HD13	10	0.31
(9,2199)	1:69:A:MET:HG3	1:73:A:ILE:HD11	10	0.31
(9,2199)	1:69:A:MET:HG3	1:73:A:ILE:HD12	10	0.31
(9,2199)	1:69:A:MET:HG3	1:73:A:ILE:HD13	10	0.31
(9,2094)	1:39:A:VAL:HG11	1:139:A:LEU:HD11	18	0.31
(9,2094)	1:39:A:VAL:HG11	1:139:A:LEU:HD12	18	0.31
(9,2094)	1:39:A:VAL:HG11	1:139:A:LEU:HD13	18	0.31
(9,2094)	1:39:A:VAL:HG11	1:139:A:LEU:HD21	18	0.31
(9,2094)	1:39:A:VAL:HG11	1:139:A:LEU:HD22	18	0.31
(9,2094)	1:39:A:VAL:HG11	1:139:A:LEU:HD23	18	0.31
(9,2094)	1:39:A:VAL:HG12	1:139:A:LEU:HD11	18	0.31
(9,2094)	1:39:A:VAL:HG12	1:139:A:LEU:HD12	18	0.31
(9,2094)	1:39:A:VAL:HG12	1:139:A:LEU:HD13	18	0.31
(9,2094)	1:39:A:VAL:HG12	1:139:A:LEU:HD21	18	0.31
(9,2094)	1:39:A:VAL:HG12	1:139:A:LEU:HD22	18	0.31
(9,2094)	1:39:A:VAL:HG12	1:139:A:LEU:HD23	18	0.31
(9,2094)	1:39:A:VAL:HG13	1:139:A:LEU:HD11	18	0.31
(9,2094)	1:39:A:VAL:HG13	1:139:A:LEU:HD12	18	0.31
(9,2094)	1:39:A:VAL:HG13	1:139:A:LEU:HD13	18	0.31
(9,2094)	1:39:A:VAL:HG13	1:139:A:LEU:HD21	18	0.31
(9,2094)	1:39:A:VAL:HG13	1:139:A:LEU:HD22	18	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2094)	1:39:A:VAL:HG13	1:139:A:LEU:HD23	18	0.31
(9,2094)	1:39:A:VAL:HG21	1:139:A:LEU:HD11	18	0.31
(9,2094)	1:39:A:VAL:HG21	1:139:A:LEU:HD12	18	0.31
(9,2094)	1:39:A:VAL:HG21	1:139:A:LEU:HD13	18	0.31
(9,2094)	1:39:A:VAL:HG21	1:139:A:LEU:HD21	18	0.31
(9,2094)	1:39:A:VAL:HG21	1:139:A:LEU:HD22	18	0.31
(9,2094)	1:39:A:VAL:HG21	1:139:A:LEU:HD23	18	0.31
(9,2094)	1:39:A:VAL:HG22	1:139:A:LEU:HD11	18	0.31
(9,2094)	1:39:A:VAL:HG22	1:139:A:LEU:HD12	18	0.31
(9,2094)	1:39:A:VAL:HG22	1:139:A:LEU:HD13	18	0.31
(9,2094)	1:39:A:VAL:HG22	1:139:A:LEU:HD21	18	0.31
(9,2094)	1:39:A:VAL:HG22	1:139:A:LEU:HD22	18	0.31
(9,2094)	1:39:A:VAL:HG22	1:139:A:LEU:HD23	18	0.31
(9,2094)	1:39:A:VAL:HG23	1:139:A:LEU:HD11	18	0.31
(9,2094)	1:39:A:VAL:HG23	1:139:A:LEU:HD12	18	0.31
(9,2094)	1:39:A:VAL:HG23	1:139:A:LEU:HD13	18	0.31
(9,2094)	1:39:A:VAL:HG23	1:139:A:LEU:HD21	18	0.31
(9,2094)	1:39:A:VAL:HG23	1:139:A:LEU:HD22	18	0.31
(9,2094)	1:39:A:VAL:HG23	1:139:A:LEU:HD23	18	0.31
(9,2090)	1:39:A:VAL:HG11	1:41:A:LYS:H	3	0.31
(9,2090)	1:39:A:VAL:HG12	1:41:A:LYS:H	3	0.31
(9,2090)	1:39:A:VAL:HG13	1:41:A:LYS:H	3	0.31
(9,2090)	1:39:A:VAL:HG21	1:41:A:LYS:H	3	0.31
(9,2090)	1:39:A:VAL:HG22	1:41:A:LYS:H	3	0.31
(9,2090)	1:39:A:VAL:HG23	1:41:A:LYS:H	3	0.31
(9,1986)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	7	0.31
(9,1986)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	7	0.31
(9,1986)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	7	0.31
(9,1986)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	7	0.31
(9,1986)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	7	0.31
(9,1986)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	7	0.31
(9,1986)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	7	0.31
(9,1986)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	7	0.31
(9,1986)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	7	0.31
(9,1986)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	7	0.31
(9,1986)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	7	0.31
(9,1986)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	7	0.31
(9,1986)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	7	0.31
(9,1986)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	7	0.31
(9,1986)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	7	0.31
(9,1986)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	7	0.31
(9,1986)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	7	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1986)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	7	0.31
(9,1986)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	7	0.31
(9,1986)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	7	0.31
(9,1986)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	7	0.31
(9,1986)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	7	0.31
(9,1986)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	7	0.31
(9,1986)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	7	0.31
(9,1986)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	7	0.31
(9,1986)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	7	0.31
(9,1986)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	7	0.31
(9,1986)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	7	0.31
(9,1986)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	7	0.31
(9,1986)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	7	0.31
(9,1986)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	7	0.31
(9,1986)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	7	0.31
(9,1986)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	7	0.31
(9,1986)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	7	0.31
(9,1986)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	7	0.31
(9,1986)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	7	0.31
(9,1910)	1:58:A:ILE:HA	1:62:A:HIS:HE1	6	0.31
(9,1888)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	17	0.31
(9,1882)	1:104:A:PHE:HE1	1:105:A:LYS:H	7	0.31
(9,1882)	1:104:A:PHE:HE2	1:105:A:LYS:H	7	0.31
(9,1848)	1:9:A:PHE:HZ	1:44:A:GLU:HA	5	0.31
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE1	3	0.31
(9,1835)	1:79:A:THR:HB	1:80:A:TYR:HE2	3	0.31
(9,1834)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	10	0.31
(9,1834)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	10	0.31
(9,1834)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	10	0.31
(9,1826)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	13	0.31
(9,1826)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	13	0.31
(9,1794)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	10	0.31
(9,1794)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	10	0.31
(9,1737)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	3	0.31
(9,1737)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	3	0.31
(9,1737)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	3	0.31
(9,1712)	1:13:A:ALA:HA	1:79:A:THR:HG21	5	0.31
(9,1712)	1:13:A:ALA:HA	1:79:A:THR:HG22	5	0.31
(9,1712)	1:13:A:ALA:HA	1:79:A:THR:HG23	5	0.31
(9,1649)	1:69:A:MET:HE1	1:116:A:GLN:HG3	2	0.31
(9,1649)	1:69:A:MET:HE2	1:116:A:GLN:HG3	2	0.31
(9,1649)	1:69:A:MET:HE3	1:116:A:GLN:HG3	2	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1635)	1:97:A:ASP:HB2	1:99:A:PRO:HA	8	0.31
(9,1635)	1:97:A:ASP:HB3	1:99:A:PRO:HA	8	0.31
(9,1514)	1:69:A:MET:HE1	1:115:A:ALA:H	5	0.31
(9,1514)	1:69:A:MET:HE2	1:115:A:ALA:H	5	0.31
(9,1514)	1:69:A:MET:HE3	1:115:A:ALA:H	5	0.31
(9,1510)	1:11:A:ILE:HG21	1:43:A:MET:HE1	18	0.31
(9,1510)	1:11:A:ILE:HG21	1:43:A:MET:HE2	18	0.31
(9,1510)	1:11:A:ILE:HG21	1:43:A:MET:HE3	18	0.31
(9,1510)	1:11:A:ILE:HG22	1:43:A:MET:HE1	18	0.31
(9,1510)	1:11:A:ILE:HG22	1:43:A:MET:HE2	18	0.31
(9,1510)	1:11:A:ILE:HG22	1:43:A:MET:HE3	18	0.31
(9,1510)	1:11:A:ILE:HG23	1:43:A:MET:HE1	18	0.31
(9,1510)	1:11:A:ILE:HG23	1:43:A:MET:HE2	18	0.31
(9,1510)	1:11:A:ILE:HG23	1:43:A:MET:HE3	18	0.31
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE1	12	0.31
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE2	12	0.31
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE3	12	0.31
(9,1497)	1:12:A:VAL:H	1:43:A:MET:HE1	15	0.31
(9,1497)	1:12:A:VAL:H	1:43:A:MET:HE2	15	0.31
(9,1497)	1:12:A:VAL:H	1:43:A:MET:HE3	15	0.31
(9,1461)	1:42:A:GLU:H	1:45:A:ALA:HB1	9	0.31
(9,1461)	1:42:A:GLU:H	1:45:A:ALA:HB2	9	0.31
(9,1461)	1:42:A:GLU:H	1:45:A:ALA:HB3	9	0.31
(9,1403)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	18	0.31
(9,1403)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	18	0.31
(9,1403)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	18	0.31
(9,1403)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	18	0.31
(9,1403)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	18	0.31
(9,1403)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	18	0.31
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG11	3	0.31
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG12	3	0.31
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG13	3	0.31
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG11	5	0.31
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG12	5	0.31
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG13	5	0.31
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG11	8	0.31
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG12	8	0.31
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG13	8	0.31
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG11	10	0.31
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG12	10	0.31
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG13	10	0.31
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG11	12	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG12	12	0.31
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG13	12	0.31
(9,1352)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	13	0.31
(9,1352)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	13	0.31
(9,1352)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	13	0.31
(9,1321)	1:107:A:LEU:HA	1:108:A:GLU:HG2	17	0.31
(9,1177)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	17	0.31
(9,1177)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	17	0.31
(9,1177)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	17	0.31
(9,1177)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	17	0.31
(9,1177)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	17	0.31
(9,1177)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	17	0.31
(9,1123)	1:143:A:TRP:HA	1:143:A:TRP:HE3	16	0.31
(9,1101)	1:116:A:GLN:HA	1:119:A:LEU:HD21	3	0.31
(9,1101)	1:116:A:GLN:HA	1:119:A:LEU:HD22	3	0.31
(9,1101)	1:116:A:GLN:HA	1:119:A:LEU:HD23	3	0.31
(9,1037)	1:11:A:ILE:HA	1:11:A:ILE:HD11	6	0.31
(9,1037)	1:11:A:ILE:HA	1:11:A:ILE:HD12	6	0.31
(9,1037)	1:11:A:ILE:HA	1:11:A:ILE:HD13	6	0.31
(9,1026)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	5	0.31
(9,911)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	16	0.31
(9,911)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	16	0.31
(9,814)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.31
(9,814)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.31
(9,814)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.31
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	17	0.31
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	17	0.31
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	17	0.31
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	17	0.31
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	17	0.31
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	17	0.31
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	17	0.31
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	17	0.31
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	17	0.31
(9,792)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	8	0.31
(9,792)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	8	0.31
(9,792)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	8	0.31
(9,792)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	8	0.31
(9,792)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	8	0.31
(9,792)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	8	0.31
(9,782)	1:60:A:LEU:H	1:63:A:ILE:HD11	17	0.31
(9,782)	1:60:A:LEU:H	1:63:A:ILE:HD12	17	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,782)	1:60:A:LEU:H	1:63:A:ILE:HD13	17	0.31
(9,736)	1:107:A:LEU:H	1:112:A:GLN:HE22	5	0.31
(9,584)	1:126:A:GLY:H	1:128:A:LEU:HB2	16	0.31
(9,534)	1:70:A:LYS:HB2	1:72:A:PHE:H	4	0.31
(9,534)	1:70:A:LYS:HB3	1:72:A:PHE:H	4	0.31
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB1	2	0.31
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB2	2	0.31
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB3	2	0.31
(9,131)	1:13:A:ALA:HB1	1:80:A:TYR:H	19	0.31
(9,131)	1:13:A:ALA:HB2	1:80:A:TYR:H	19	0.31
(9,131)	1:13:A:ALA:HB3	1:80:A:TYR:H	19	0.31
(9,108)	1:69:A:MET:H	1:73:A:ILE:HD11	1	0.31
(9,108)	1:69:A:MET:H	1:73:A:ILE:HD12	1	0.31
(9,108)	1:69:A:MET:H	1:73:A:ILE:HD13	1	0.31
(9,74)	1:22:A:ASP:HA	1:23:A:LEU:H	10	0.31
(9,30)	1:96:A:VAL:H	1:97:A:ASP:H	10	0.31
(7,2424)	1:134:A:VAL:HG11	1:137:A:SER:HB2	18	0.31
(7,2424)	1:134:A:VAL:HG11	1:137:A:SER:HB3	18	0.31
(7,2424)	1:134:A:VAL:HG12	1:137:A:SER:HB2	18	0.31
(7,2424)	1:134:A:VAL:HG12	1:137:A:SER:HB3	18	0.31
(7,2424)	1:134:A:VAL:HG13	1:137:A:SER:HB2	18	0.31
(7,2424)	1:134:A:VAL:HG13	1:137:A:SER:HB3	18	0.31
(7,2424)	1:134:A:VAL:HG21	1:137:A:SER:HB2	18	0.31
(7,2424)	1:134:A:VAL:HG21	1:137:A:SER:HB3	18	0.31
(7,2424)	1:134:A:VAL:HG22	1:137:A:SER:HB2	18	0.31
(7,2424)	1:134:A:VAL:HG22	1:137:A:SER:HB3	18	0.31
(7,2424)	1:134:A:VAL:HG23	1:137:A:SER:HB2	18	0.31
(7,2424)	1:134:A:VAL:HG23	1:137:A:SER:HB3	18	0.31
(7,2184)	1:60:A:LEU:HD11	1:123:A:CYS:H	1	0.31
(7,2184)	1:60:A:LEU:HD12	1:123:A:CYS:H	1	0.31
(7,2184)	1:60:A:LEU:HD13	1:123:A:CYS:H	1	0.31
(7,2184)	1:60:A:LEU:HD21	1:123:A:CYS:H	1	0.31
(7,2184)	1:60:A:LEU:HD22	1:123:A:CYS:H	1	0.31
(7,2184)	1:60:A:LEU:HD23	1:123:A:CYS:H	1	0.31
(7,1997)	1:23:A:LEU:HD11	1:27:A:ARG:HA	10	0.31
(7,1997)	1:23:A:LEU:HD12	1:27:A:ARG:HA	10	0.31
(7,1997)	1:23:A:LEU:HD13	1:27:A:ARG:HA	10	0.31
(7,1997)	1:23:A:LEU:HD21	1:27:A:ARG:HA	10	0.31
(7,1997)	1:23:A:LEU:HD22	1:27:A:ARG:HA	10	0.31
(7,1997)	1:23:A:LEU:HD23	1:27:A:ARG:HA	10	0.31
(7,1955)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	8	0.31
(7,1955)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	8	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1955)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	8	0.31
(7,1955)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	8	0.31
(7,1955)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	8	0.31
(7,1955)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	8	0.31
(7,1955)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	8	0.31
(7,1955)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	8	0.31
(7,1955)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	8	0.31
(7,1955)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	8	0.31
(7,1955)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	8	0.31
(7,1955)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	8	0.31
(7,1955)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	8	0.31
(7,1955)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	8	0.31
(7,1955)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	8	0.31
(7,1955)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	8	0.31
(7,1955)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	8	0.31
(7,1955)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	8	0.31
(7,1955)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	18	0.31
(7,1955)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	18	0.31
(7,1955)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	18	0.31
(7,1955)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	18	0.31
(7,1955)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	18	0.31
(7,1955)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	18	0.31
(7,1955)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	18	0.31
(7,1955)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	18	0.31
(7,1955)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	18	0.31
(7,1955)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	18	0.31
(7,1955)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	18	0.31
(7,1955)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	18	0.31
(7,1955)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	18	0.31
(7,1955)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	18	0.31
(7,1955)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	18	0.31
(7,1955)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	18	0.31
(7,1955)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	18	0.31
(7,1955)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	18	0.31
(7,1945)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	2	0.31
(7,1945)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	2	0.31
(7,1945)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	2	0.31
(7,1945)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	2	0.31
(7,1945)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	2	0.31
(7,1945)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	2	0.31
(7,1942)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	1	0.31
(7,1942)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	1	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1942)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	1	0.31
(7,1942)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	1	0.31
(7,1942)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	1	0.31
(7,1942)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	1	0.31
(7,1942)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	1	0.31
(7,1942)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	1	0.31
(7,1942)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	1	0.31
(7,1942)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	1	0.31
(7,1942)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	1	0.31
(7,1942)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	1	0.31
(7,1826)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	10	0.31
(7,1824)	1:9:A:PHE:HZ	1:11:A:ILE:HA	5	0.31
(7,1797)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	17	0.31
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	5	0.31
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	5	0.31
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	5	0.31
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	5	0.31
(7,1742)	1:144:A:LEU:HA	1:144:A:LEU:HD11	17	0.31
(7,1742)	1:144:A:LEU:HA	1:144:A:LEU:HD12	17	0.31
(7,1742)	1:144:A:LEU:HA	1:144:A:LEU:HD13	17	0.31
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG21	1	0.31
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG22	1	0.31
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG23	1	0.31
(7,1558)	1:98:A:ILE:HG21	1:116:A:GLN:H	18	0.31
(7,1558)	1:98:A:ILE:HG22	1:116:A:GLN:H	18	0.31
(7,1558)	1:98:A:ILE:HG23	1:116:A:GLN:H	18	0.31
(7,1527)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	16	0.31
(7,1527)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	16	0.31
(7,1527)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	16	0.31
(7,1527)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	16	0.31
(7,1527)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	16	0.31
(7,1527)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	16	0.31
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE1	15	0.31
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE2	15	0.31
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE3	15	0.31
(7,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	18	0.31
(7,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	18	0.31
(7,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	18	0.31
(7,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	18	0.31
(7,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	18	0.31
(7,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	18	0.31
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG11	9	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG12	9	0.31
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG13	9	0.31
(7,1241)	1:12:A:VAL:HG11	1:40:A:LEU:HA	5	0.31
(7,1241)	1:12:A:VAL:HG12	1:40:A:LEU:HA	5	0.31
(7,1241)	1:12:A:VAL:HG13	1:40:A:LEU:HA	5	0.31
(7,1200)	1:110:A:MET:HA	1:113:A:PHE:HB2	15	0.31
(7,1159)	1:116:A:GLN:HA	1:119:A:LEU:HD21	3	0.31
(7,1159)	1:116:A:GLN:HA	1:119:A:LEU:HD22	3	0.31
(7,1159)	1:116:A:GLN:HA	1:119:A:LEU:HD23	3	0.31
(7,1100)	1:143:A:TRP:HA	1:143:A:TRP:HE3	16	0.31
(7,1040)	1:71:A:LYS:HG3	1:72:A:PHE:HA	16	0.31
(7,1004)	1:34:A:LYS:H	1:81:A:GLU:HB3	15	0.31
(7,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	18	0.31
(7,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	18	0.31
(7,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	18	0.31
(7,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	18	0.31
(7,911)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	7	0.31
(7,911)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	7	0.31
(7,911)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	7	0.31
(7,911)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	7	0.31
(7,903)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	12	0.31
(7,903)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	12	0.31
(7,903)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	12	0.31
(7,836)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	7	0.31
(7,836)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	7	0.31
(7,836)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	7	0.31
(7,806)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.31
(7,806)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.31
(7,806)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.31
(7,732)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	13	0.31
(7,730)	1:107:A:LEU:H	1:112:A:GLN:HE22	5	0.31
(7,709)	1:48:A:ARG:HA	1:48:A:ARG:HE	15	0.31
(7,442)	1:68:A:LYS:H	1:70:A:LYS:HG3	12	0.31
(7,343)	1:122:A:ASP:HB3	1:123:A:CYS:H	4	0.31
(7,343)	1:122:A:ASP:HB3	1:123:A:CYS:H	8	0.31
(7,297)	1:128:A:LEU:HB3	1:129:A:LYS:H	7	0.31
(7,297)	1:128:A:LEU:HB3	1:129:A:LYS:H	12	0.31
(7,131)	1:13:A:ALA:HB1	1:80:A:TYR:H	19	0.31
(7,131)	1:13:A:ALA:HB2	1:80:A:TYR:H	19	0.31
(7,131)	1:13:A:ALA:HB3	1:80:A:TYR:H	19	0.31
(7,111)	1:21:A:THR:HB	1:22:A:ASP:H	7	0.31
(7,108)	1:69:A:MET:H	1:73:A:ILE:HD11	1	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,108)	1:69:A:MET:H	1:73:A:ILE:HD12	1	0.31
(7,108)	1:69:A:MET:H	1:73:A:ILE:HD13	1	0.31
(7,107)	1:69:A:MET:H	1:70:A:LYS:HG3	19	0.31
(7,73)	1:22:A:ASP:HA	1:23:A:LEU:H	10	0.31
(7,49)	1:98:A:ILE:H	1:101:A:ILE:HG21	16	0.31
(7,49)	1:98:A:ILE:H	1:101:A:ILE:HG22	16	0.31
(7,49)	1:98:A:ILE:H	1:101:A:ILE:HG23	16	0.31
(6,2330)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	16	0.31
(6,2330)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	16	0.31
(6,2330)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	16	0.31
(6,2330)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	16	0.31
(6,2330)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	16	0.31
(6,2330)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	16	0.31
(6,2330)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	16	0.31
(6,2330)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	16	0.31
(6,2330)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	16	0.31
(6,2330)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	16	0.31
(6,2330)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	16	0.31
(6,2330)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	16	0.31
(6,2271)	1:76:A:ARG:H	1:77:A:CYS:HB2	12	0.31
(6,2271)	1:76:A:ARG:H	1:77:A:CYS:HB3	12	0.31
(6,2047)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	14	0.31
(6,2047)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	14	0.31
(6,2047)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	14	0.31
(6,2047)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	14	0.31
(6,2047)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	14	0.31
(6,2047)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	14	0.31
(6,2047)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	14	0.31
(6,2047)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	14	0.31
(6,2047)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	14	0.31
(6,2047)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	14	0.31
(6,2047)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	14	0.31
(6,2047)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	14	0.31
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	3	0.31
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	3	0.31
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	3	0.31
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	3	0.31
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	3	0.31
(6,2035)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	3	0.31
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	3	0.31
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	3	0.31
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	3	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	3	0.31
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	3	0.31
(6,2035)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	3	0.31
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	10	0.31
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	10	0.31
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	10	0.31
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	10	0.31
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	10	0.31
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	10	0.31
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	10	0.31
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	10	0.31
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	10	0.31
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	10	0.31
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	10	0.31
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	10	0.31
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	10	0.31
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	10	0.31
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	10	0.31
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	10	0.31
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	10	0.31
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	10	0.31
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	18	0.31
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	18	0.31
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	18	0.31
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	18	0.31
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	18	0.31
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	18	0.31
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	18	0.31
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	18	0.31
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	18	0.31
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	18	0.31
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	18	0.31
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	18	0.31
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	18	0.31
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	18	0.31
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	18	0.31
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	18	0.31
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	18	0.31
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	18	0.31
(6,2003)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	1	0.31
(6,2003)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	1	0.31
(6,2003)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	1	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2003)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	1	0.31
(6,2003)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	1	0.31
(6,2003)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	1	0.31
(6,2003)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	1	0.31
(6,2003)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	1	0.31
(6,2003)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	1	0.31
(6,2003)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	1	0.31
(6,2003)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	1	0.31
(6,2003)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	1	0.31
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD11	7	0.31
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD12	7	0.31
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD13	7	0.31
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD21	7	0.31
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD22	7	0.31
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD23	7	0.31
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD11	11	0.31
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD12	11	0.31
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD13	11	0.31
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD21	11	0.31
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD22	11	0.31
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD23	11	0.31
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	11	0.31
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	11	0.31
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	11	0.31
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	11	0.31
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	11	0.31
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	11	0.31
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	11	0.31
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	11	0.31
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	11	0.31
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	11	0.31
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	11	0.31
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	11	0.31
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	11	0.31
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	11	0.31
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	11	0.31
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	11	0.31
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	11	0.31
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	11	0.31
(6,1924)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	13	0.31
(6,1923)	1:58:A:ILE:HA	1:62:A:HIS:HE1	6	0.31
(6,1899)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	17	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1861)	1:9:A:PHE:HZ	1:44:A:GLU:HA	5	0.31
(6,1721)	1:13:A:ALA:HA	1:79:A:THR:HG21	5	0.31
(6,1721)	1:13:A:ALA:HA	1:79:A:THR:HG22	5	0.31
(6,1721)	1:13:A:ALA:HA	1:79:A:THR:HG23	5	0.31
(6,1720)	1:14:A:VAL:H	1:79:A:THR:HG21	13	0.31
(6,1720)	1:14:A:VAL:H	1:79:A:THR:HG22	13	0.31
(6,1720)	1:14:A:VAL:H	1:79:A:THR:HG23	13	0.31
(6,1705)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	17	0.31
(6,1650)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	11	0.31
(6,1650)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	11	0.31
(6,1650)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	11	0.31
(6,1552)	1:139:A:LEU:HD21	1:142:A:LYS:HE2	6	0.31
(6,1552)	1:139:A:LEU:HD21	1:142:A:LYS:HE3	6	0.31
(6,1552)	1:139:A:LEU:HD22	1:142:A:LYS:HE2	6	0.31
(6,1552)	1:139:A:LEU:HD22	1:142:A:LYS:HE3	6	0.31
(6,1552)	1:139:A:LEU:HD23	1:142:A:LYS:HE2	6	0.31
(6,1552)	1:139:A:LEU:HD23	1:142:A:LYS:HE3	6	0.31
(6,1513)	1:69:A:MET:HE1	1:115:A:ALA:H	5	0.31
(6,1513)	1:69:A:MET:HE2	1:115:A:ALA:H	5	0.31
(6,1513)	1:69:A:MET:HE3	1:115:A:ALA:H	5	0.31
(6,1468)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	10	0.31
(6,1468)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	10	0.31
(6,1468)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	10	0.31
(6,1468)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	10	0.31
(6,1468)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	10	0.31
(6,1468)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	10	0.31
(6,1319)	1:107:A:LEU:HA	1:108:A:GLU:HG2	17	0.31
(6,1277)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	11	0.31
(6,1277)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	11	0.31
(6,1277)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	11	0.31
(6,1277)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	11	0.31
(6,1277)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	11	0.31
(6,1277)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	11	0.31
(6,1277)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	11	0.31
(6,1277)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	11	0.31
(6,1277)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	11	0.31
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG21	11	0.31
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG22	11	0.31
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG23	11	0.31
(6,1150)	1:150:A:THR:HG21	1:151:A:PHE:HA	5	0.31
(6,1150)	1:150:A:THR:HG22	1:151:A:PHE:HA	5	0.31
(6,1150)	1:150:A:THR:HG23	1:151:A:PHE:HA	5	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1003)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	18	0.31
(6,1003)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	18	0.31
(6,1003)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	18	0.31
(6,1003)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	18	0.31
(6,837)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	7	0.31
(6,837)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	7	0.31
(6,837)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	7	0.31
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	17	0.31
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	17	0.31
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	17	0.31
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	17	0.31
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	17	0.31
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	17	0.31
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	17	0.31
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	17	0.31
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	17	0.31
(6,788)	1:63:A:ILE:HD11	1:117:A:VAL:HB	11	0.31
(6,788)	1:63:A:ILE:HD12	1:117:A:VAL:HB	11	0.31
(6,788)	1:63:A:ILE:HD13	1:117:A:VAL:HB	11	0.31
(6,787)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	8	0.31
(6,787)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	8	0.31
(6,787)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	8	0.31
(6,787)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	8	0.31
(6,787)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	8	0.31
(6,787)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	8	0.31
(6,776)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	4	0.31
(6,776)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	4	0.31
(6,776)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	4	0.31
(6,732)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	14	0.31
(6,730)	1:107:A:LEU:H	1:112:A:GLN:HE22	5	0.31
(6,692)	1:98:A:ILE:H	1:104:A:PHE:H	1	0.31
(6,579)	1:126:A:GLY:H	1:128:A:LEU:HB2	16	0.31
(6,371)	1:40:A:LEU:HB2	1:41:A:LYS:H	12	0.31
(6,130)	1:13:A:ALA:HB1	1:80:A:TYR:H	19	0.31
(6,130)	1:13:A:ALA:HB2	1:80:A:TYR:H	19	0.31
(6,130)	1:13:A:ALA:HB3	1:80:A:TYR:H	19	0.31
(6,108)	1:69:A:MET:H	1:73:A:ILE:HD11	1	0.31
(6,108)	1:69:A:MET:H	1:73:A:ILE:HD12	1	0.31
(6,108)	1:69:A:MET:H	1:73:A:ILE:HD13	1	0.31
(6,74)	1:22:A:ASP:HA	1:23:A:LEU:H	10	0.31
(6,50)	1:98:A:ILE:H	1:101:A:ILE:HG21	16	0.31
(6,50)	1:98:A:ILE:H	1:101:A:ILE:HG22	16	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,50)	1:98:A:ILE:H	1:101:A:ILE:HG23	16	0.31
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	15	0.31
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	15	0.31
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	15	0.31
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	15	0.31
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	15	0.31
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	15	0.31
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	15	0.31
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	15	0.31
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	15	0.31
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	15	0.31
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	15	0.31
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	15	0.31
(5,2331)	1:107:A:LEU:HD11	1:112:A:GLN:HA	12	0.31
(5,2331)	1:107:A:LEU:HD12	1:112:A:GLN:HA	12	0.31
(5,2331)	1:107:A:LEU:HD13	1:112:A:GLN:HA	12	0.31
(5,2331)	1:107:A:LEU:HD21	1:112:A:GLN:HA	12	0.31
(5,2331)	1:107:A:LEU:HD22	1:112:A:GLN:HA	12	0.31
(5,2331)	1:107:A:LEU:HD23	1:112:A:GLN:HA	12	0.31
(5,2279)	1:80:A:TYR:HD1	1:81:A:GLU:HB2	14	0.31
(5,2279)	1:80:A:TYR:HD1	1:81:A:GLU:HB3	14	0.31
(5,2279)	1:80:A:TYR:HD2	1:81:A:GLU:HB2	14	0.31
(5,2279)	1:80:A:TYR:HD2	1:81:A:GLU:HB3	14	0.31
(5,2239)	1:69:A:MET:H	1:69:A:MET:HG2	1	0.31
(5,2239)	1:69:A:MET:H	1:69:A:MET:HG3	1	0.31
(5,2237)	1:68:A:LYS:H	1:70:A:LYS:HG2	19	0.31
(5,2237)	1:68:A:LYS:H	1:70:A:LYS:HG3	19	0.31
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	2	0.31
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	2	0.31
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	2	0.31
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	2	0.31
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	2	0.31
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	2	0.31
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	14	0.31
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	14	0.31
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	14	0.31
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	14	0.31
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	14	0.31
(5,2160)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	14	0.31
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	14	0.31
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	14	0.31
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	14	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	14	0.31
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	14	0.31
(5,2160)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	14	0.31
(5,2124)	1:40:A:LEU:HD11	1:43:A:MET:H	19	0.31
(5,2124)	1:40:A:LEU:HD12	1:43:A:MET:H	19	0.31
(5,2124)	1:40:A:LEU:HD13	1:43:A:MET:H	19	0.31
(5,2124)	1:40:A:LEU:HD21	1:43:A:MET:H	19	0.31
(5,2124)	1:40:A:LEU:HD22	1:43:A:MET:H	19	0.31
(5,2124)	1:40:A:LEU:HD23	1:43:A:MET:H	19	0.31
(5,2102)	1:39:A:VAL:HG11	1:139:A:LEU:HD11	18	0.31
(5,2102)	1:39:A:VAL:HG11	1:139:A:LEU:HD12	18	0.31
(5,2102)	1:39:A:VAL:HG11	1:139:A:LEU:HD13	18	0.31
(5,2102)	1:39:A:VAL:HG11	1:139:A:LEU:HD21	18	0.31
(5,2102)	1:39:A:VAL:HG11	1:139:A:LEU:HD22	18	0.31
(5,2102)	1:39:A:VAL:HG11	1:139:A:LEU:HD23	18	0.31
(5,2102)	1:39:A:VAL:HG12	1:139:A:LEU:HD11	18	0.31
(5,2102)	1:39:A:VAL:HG12	1:139:A:LEU:HD12	18	0.31
(5,2102)	1:39:A:VAL:HG12	1:139:A:LEU:HD13	18	0.31
(5,2102)	1:39:A:VAL:HG12	1:139:A:LEU:HD21	18	0.31
(5,2102)	1:39:A:VAL:HG12	1:139:A:LEU:HD22	18	0.31
(5,2102)	1:39:A:VAL:HG12	1:139:A:LEU:HD23	18	0.31
(5,2102)	1:39:A:VAL:HG13	1:139:A:LEU:HD11	18	0.31
(5,2102)	1:39:A:VAL:HG13	1:139:A:LEU:HD12	18	0.31
(5,2102)	1:39:A:VAL:HG13	1:139:A:LEU:HD13	18	0.31
(5,2102)	1:39:A:VAL:HG13	1:139:A:LEU:HD21	18	0.31
(5,2102)	1:39:A:VAL:HG13	1:139:A:LEU:HD22	18	0.31
(5,2102)	1:39:A:VAL:HG13	1:139:A:LEU:HD23	18	0.31
(5,2102)	1:39:A:VAL:HG21	1:139:A:LEU:HD11	18	0.31
(5,2102)	1:39:A:VAL:HG21	1:139:A:LEU:HD12	18	0.31
(5,2102)	1:39:A:VAL:HG21	1:139:A:LEU:HD13	18	0.31
(5,2102)	1:39:A:VAL:HG21	1:139:A:LEU:HD21	18	0.31
(5,2102)	1:39:A:VAL:HG21	1:139:A:LEU:HD22	18	0.31
(5,2102)	1:39:A:VAL:HG21	1:139:A:LEU:HD23	18	0.31
(5,2102)	1:39:A:VAL:HG22	1:139:A:LEU:HD11	18	0.31
(5,2102)	1:39:A:VAL:HG22	1:139:A:LEU:HD12	18	0.31
(5,2102)	1:39:A:VAL:HG22	1:139:A:LEU:HD13	18	0.31
(5,2102)	1:39:A:VAL:HG22	1:139:A:LEU:HD21	18	0.31
(5,2102)	1:39:A:VAL:HG22	1:139:A:LEU:HD22	18	0.31
(5,2102)	1:39:A:VAL:HG22	1:139:A:LEU:HD23	18	0.31
(5,2102)	1:39:A:VAL:HG23	1:139:A:LEU:HD11	18	0.31
(5,2102)	1:39:A:VAL:HG23	1:139:A:LEU:HD12	18	0.31
(5,2102)	1:39:A:VAL:HG23	1:139:A:LEU:HD13	18	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2102)	1:39:A:VAL:HG23	1:139:A:LEU:HD21	18	0.31
(5,2102)	1:39:A:VAL:HG23	1:139:A:LEU:HD22	18	0.31
(5,2102)	1:39:A:VAL:HG23	1:139:A:LEU:HD23	18	0.31
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD11	14	0.31
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD12	14	0.31
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD13	14	0.31
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD21	14	0.31
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD22	14	0.31
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD23	14	0.31
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG11	12	0.31
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG12	12	0.31
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG13	12	0.31
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG21	12	0.31
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG22	12	0.31
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG23	12	0.31
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG11	12	0.31
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG12	12	0.31
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG13	12	0.31
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG21	12	0.31
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG22	12	0.31
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG23	12	0.31
(5,1989)	1:15:A:ALA:H	1:17:A:ASN:HD21	11	0.31
(5,1989)	1:15:A:ALA:H	1:17:A:ASN:HD22	11	0.31
(5,1914)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	17	0.31
(5,1907)	1:104:A:PHE:HE1	1:105:A:LYS:H	7	0.31
(5,1907)	1:104:A:PHE:HE2	1:105:A:LYS:H	7	0.31
(5,1883)	1:9:A:PHE:HZ	1:44:A:GLU:HA	5	0.31
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG21	4	0.31
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG22	4	0.31
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG23	4	0.31
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG21	4	0.31
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG22	4	0.31
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG23	4	0.31
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG21	4	0.31
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG22	4	0.31
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG23	4	0.31
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG21	4	0.31
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG22	4	0.31
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG23	4	0.31
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG21	4	0.31
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG22	4	0.31
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG23	4	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG21	4	0.31
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG22	4	0.31
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG23	4	0.31
(5,1708)	1:72:A:PHE:HB2	1:109:A:PRO:HA	2	0.31
(5,1664)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	12	0.31
(5,1664)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	12	0.31
(5,1664)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	12	0.31
(5,1664)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	12	0.31
(5,1664)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	12	0.31
(5,1664)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	12	0.31
(5,1647)	1:111:A:GLU:HA	1:114:A:ILE:HG21	9	0.31
(5,1647)	1:111:A:GLU:HA	1:114:A:ILE:HG22	9	0.31
(5,1647)	1:111:A:GLU:HA	1:114:A:ILE:HG23	9	0.31
(5,1576)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	8	0.31
(5,1576)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	8	0.31
(5,1576)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	8	0.31
(5,1531)	1:11:A:ILE:HG21	1:43:A:MET:HE1	18	0.31
(5,1531)	1:11:A:ILE:HG21	1:43:A:MET:HE2	18	0.31
(5,1531)	1:11:A:ILE:HG21	1:43:A:MET:HE3	18	0.31
(5,1531)	1:11:A:ILE:HG22	1:43:A:MET:HE1	18	0.31
(5,1531)	1:11:A:ILE:HG22	1:43:A:MET:HE2	18	0.31
(5,1531)	1:11:A:ILE:HG22	1:43:A:MET:HE3	18	0.31
(5,1531)	1:11:A:ILE:HG23	1:43:A:MET:HE1	18	0.31
(5,1531)	1:11:A:ILE:HG23	1:43:A:MET:HE2	18	0.31
(5,1531)	1:11:A:ILE:HG23	1:43:A:MET:HE3	18	0.31
(5,1421)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	15	0.31
(5,1421)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	15	0.31
(5,1421)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	15	0.31
(5,1421)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	15	0.31
(5,1421)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	15	0.31
(5,1421)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	15	0.31
(5,1421)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	15	0.31
(5,1421)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	15	0.31
(5,1421)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	15	0.31
(5,1415)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	2	0.31
(5,1415)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	2	0.31
(5,1415)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	2	0.31
(5,1415)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	2	0.31
(5,1415)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	2	0.31
(5,1415)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	2	0.31
(5,1343)	1:107:A:LEU:HA	1:108:A:GLU:HG2	17	0.31
(5,1329)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	16	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1329)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	16	0.31
(5,1329)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	16	0.31
(5,1329)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	16	0.31
(5,1329)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	16	0.31
(5,1329)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	16	0.31
(5,1329)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	16	0.31
(5,1329)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	16	0.31
(5,1329)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	16	0.31
(5,1290)	1:44:A:GLU:HB2	1:45:A:ALA:HA	5	0.31
(5,1290)	1:44:A:GLU:HB3	1:45:A:ALA:HA	5	0.31
(5,1178)	1:140:A:LEU:HD21	1:144:A:LEU:H	15	0.31
(5,1178)	1:140:A:LEU:HD22	1:144:A:LEU:H	15	0.31
(5,1178)	1:140:A:LEU:HD23	1:144:A:LEU:H	15	0.31
(5,1131)	1:143:A:TRP:HA	1:143:A:TRP:HE3	16	0.31
(5,1123)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	15	0.31
(5,1123)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	15	0.31
(5,1123)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	15	0.31
(5,1123)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	15	0.31
(5,1123)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	15	0.31
(5,1123)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	15	0.31
(5,1111)	1:116:A:GLN:HA	1:119:A:LEU:HD21	3	0.31
(5,1111)	1:116:A:GLN:HA	1:119:A:LEU:HD22	3	0.31
(5,1111)	1:116:A:GLN:HA	1:119:A:LEU:HD23	3	0.31
(5,1033)	1:11:A:ILE:HG13	1:44:A:GLU:HG3	8	0.31
(5,961)	1:15:A:ALA:HB1	1:43:A:MET:HB2	8	0.31
(5,961)	1:15:A:ALA:HB2	1:43:A:MET:HB2	8	0.31
(5,961)	1:15:A:ALA:HB3	1:43:A:MET:HB2	8	0.31
(5,939)	1:63:A:ILE:HG12	1:117:A:VAL:HA	7	0.31
(5,892)	1:69:A:MET:HE1	1:73:A:ILE:HB	12	0.31
(5,892)	1:69:A:MET:HE2	1:73:A:ILE:HB	12	0.31
(5,892)	1:69:A:MET:HE3	1:73:A:ILE:HB	12	0.31
(5,890)	1:73:A:ILE:HB	1:76:A:ARG:HA	18	0.31
(5,873)	1:123:A:CYS:HB3	1:128:A:LEU:HD11	6	0.31
(5,873)	1:123:A:CYS:HB3	1:128:A:LEU:HD12	6	0.31
(5,873)	1:123:A:CYS:HB3	1:128:A:LEU:HD13	6	0.31
(5,839)	1:45:A:ALA:H	1:48:A:ARG:HD2	8	0.31
(5,839)	1:45:A:ALA:H	1:48:A:ARG:HD3	8	0.31
(5,839)	1:45:A:ALA:H	1:48:A:ARG:HD2	18	0.31
(5,839)	1:45:A:ALA:H	1:48:A:ARG:HD3	18	0.31
(5,816)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.31
(5,816)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.31
(5,816)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,788)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	13	0.31
(5,788)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	13	0.31
(5,788)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	13	0.31
(5,788)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	13	0.31
(5,788)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	13	0.31
(5,788)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	13	0.31
(5,735)	1:107:A:LEU:H	1:112:A:GLN:HE22	5	0.31
(5,714)	1:48:A:ARG:HA	1:48:A:ARG:HE	15	0.31
(5,712)	1:44:A:GLU:HB2	1:48:A:ARG:HE	11	0.31
(5,712)	1:44:A:GLU:HB3	1:48:A:ARG:HE	11	0.31
(5,698)	1:98:A:ILE:H	1:104:A:PHE:H	1	0.31
(5,611)	1:14:A:VAL:HB	1:16:A:SER:H	19	0.31
(5,581)	1:126:A:GLY:H	1:128:A:LEU:HB2	16	0.31
(5,569)	1:11:A:ILE:HD11	1:16:A:SER:H	19	0.31
(5,569)	1:11:A:ILE:HD12	1:16:A:SER:H	19	0.31
(5,569)	1:11:A:ILE:HD13	1:16:A:SER:H	19	0.31
(5,532)	1:61:A:SER:H	1:63:A:ILE:HD11	17	0.31
(5,532)	1:61:A:SER:H	1:63:A:ILE:HD12	17	0.31
(5,532)	1:61:A:SER:H	1:63:A:ILE:HD13	17	0.31
(5,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	6	0.31
(5,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	6	0.31
(5,127)	1:13:A:ALA:HB1	1:80:A:TYR:H	19	0.31
(5,127)	1:13:A:ALA:HB2	1:80:A:TYR:H	19	0.31
(5,127)	1:13:A:ALA:HB3	1:80:A:TYR:H	19	0.31
(5,111)	1:22:A:ASP:H	1:23:A:LEU:HB2	1	0.31
(5,111)	1:22:A:ASP:H	1:23:A:LEU:HB3	1	0.31
(5,111)	1:22:A:ASP:H	1:23:A:LEU:HB2	2	0.31
(5,111)	1:22:A:ASP:H	1:23:A:LEU:HB3	2	0.31
(5,104)	1:69:A:MET:H	1:73:A:ILE:HD11	1	0.31
(5,104)	1:69:A:MET:H	1:73:A:ILE:HD12	1	0.31
(5,104)	1:69:A:MET:H	1:73:A:ILE:HD13	1	0.31
(5,67)	1:44:A:GLU:HB2	1:45:A:ALA:H	2	0.31
(5,67)	1:44:A:GLU:HB3	1:45:A:ALA:H	2	0.31
(5,67)	1:44:A:GLU:HB2	1:45:A:ALA:H	5	0.31
(5,67)	1:44:A:GLU:HB3	1:45:A:ALA:H	5	0.31
(5,67)	1:44:A:GLU:HB2	1:45:A:ALA:H	18	0.31
(5,67)	1:44:A:GLU:HB3	1:45:A:ALA:H	18	0.31
(5,49)	1:98:A:ILE:H	1:101:A:ILE:HG21	16	0.31
(5,49)	1:98:A:ILE:H	1:101:A:ILE:HG22	16	0.31
(5,49)	1:98:A:ILE:H	1:101:A:ILE:HG23	16	0.31
(5,39)	1:43:A:MET:HA	1:47:A:ALA:H	1	0.31
(4,2465)	1:141:A:LYS:HA	1:148:A:CYS:HB2	8	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2465)	1:141:A:LYS:HA	1:148:A:CYS:HB3	8	0.31
(4,2253)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	8	0.31
(4,2253)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	8	0.31
(4,2237)	1:69:A:MET:HG2	1:109:A:PRO:HA	5	0.31
(4,2237)	1:69:A:MET:HG3	1:109:A:PRO:HA	5	0.31
(4,2199)	1:60:A:LEU:HD11	1:120:A:CYS:HA	8	0.31
(4,2199)	1:60:A:LEU:HD12	1:120:A:CYS:HA	8	0.31
(4,2199)	1:60:A:LEU:HD13	1:120:A:CYS:HA	8	0.31
(4,2199)	1:60:A:LEU:HD21	1:120:A:CYS:HA	8	0.31
(4,2199)	1:60:A:LEU:HD22	1:120:A:CYS:HA	8	0.31
(4,2199)	1:60:A:LEU:HD23	1:120:A:CYS:HA	8	0.31
(4,2189)	1:57:A:LEU:HD11	1:60:A:LEU:H	1	0.31
(4,2189)	1:57:A:LEU:HD12	1:60:A:LEU:H	1	0.31
(4,2189)	1:57:A:LEU:HD13	1:60:A:LEU:H	1	0.31
(4,2189)	1:57:A:LEU:HD21	1:60:A:LEU:H	1	0.31
(4,2189)	1:57:A:LEU:HD22	1:60:A:LEU:H	1	0.31
(4,2189)	1:57:A:LEU:HD23	1:60:A:LEU:H	1	0.31
(4,2125)	1:40:A:LEU:HD11	1:44:A:GLU:H	11	0.31
(4,2125)	1:40:A:LEU:HD12	1:44:A:GLU:H	11	0.31
(4,2125)	1:40:A:LEU:HD13	1:44:A:GLU:H	11	0.31
(4,2125)	1:40:A:LEU:HD21	1:44:A:GLU:H	11	0.31
(4,2125)	1:40:A:LEU:HD22	1:44:A:GLU:H	11	0.31
(4,2125)	1:40:A:LEU:HD23	1:44:A:GLU:H	11	0.31
(4,2121)	1:40:A:LEU:HD11	1:41:A:LYS:H	13	0.31
(4,2121)	1:40:A:LEU:HD12	1:41:A:LYS:H	13	0.31
(4,2121)	1:40:A:LEU:HD13	1:41:A:LYS:H	13	0.31
(4,2121)	1:40:A:LEU:HD21	1:41:A:LYS:H	13	0.31
(4,2121)	1:40:A:LEU:HD22	1:41:A:LYS:H	13	0.31
(4,2121)	1:40:A:LEU:HD23	1:41:A:LYS:H	13	0.31
(4,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	2	0.31
(4,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	2	0.31
(4,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	2	0.31
(4,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	2	0.31
(4,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	2	0.31
(4,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	2	0.31
(4,2005)	1:17:A:ASN:HB2	1:18:A:PHE:HD1	19	0.31
(4,2005)	1:17:A:ASN:HB2	1:18:A:PHE:HD2	19	0.31
(4,2005)	1:17:A:ASN:HB3	1:18:A:PHE:HD1	19	0.31
(4,2005)	1:17:A:ASN:HB3	1:18:A:PHE:HD2	19	0.31
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD11	7	0.31
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD12	7	0.31
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD13	7	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD21	7	0.31
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD22	7	0.31
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD23	7	0.31
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	13	0.31
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	13	0.31
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	13	0.31
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	13	0.31
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	13	0.31
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	13	0.31
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	13	0.31
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	13	0.31
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	13	0.31
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	13	0.31
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	13	0.31
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	13	0.31
(4,1907)	1:9:A:PHE:HD1	1:57:A:LEU:HD11	11	0.31
(4,1907)	1:9:A:PHE:HD1	1:57:A:LEU:HD12	11	0.31
(4,1907)	1:9:A:PHE:HD1	1:57:A:LEU:HD13	11	0.31
(4,1907)	1:9:A:PHE:HD1	1:57:A:LEU:HD21	11	0.31
(4,1907)	1:9:A:PHE:HD1	1:57:A:LEU:HD22	11	0.31
(4,1907)	1:9:A:PHE:HD1	1:57:A:LEU:HD23	11	0.31
(4,1907)	1:9:A:PHE:HD2	1:57:A:LEU:HD11	11	0.31
(4,1907)	1:9:A:PHE:HD2	1:57:A:LEU:HD12	11	0.31
(4,1907)	1:9:A:PHE:HD2	1:57:A:LEU:HD13	11	0.31
(4,1907)	1:9:A:PHE:HD2	1:57:A:LEU:HD21	11	0.31
(4,1907)	1:9:A:PHE:HD2	1:57:A:LEU:HD22	11	0.31
(4,1907)	1:9:A:PHE:HD2	1:57:A:LEU:HD23	11	0.31
(4,1904)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	14	0.31
(4,1904)	1:9:A:PHE:HD1	1:11:A:ILE:HG13	14	0.31
(4,1904)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	14	0.31
(4,1904)	1:9:A:PHE:HD2	1:11:A:ILE:HG13	14	0.31
(4,1866)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	7	0.31
(4,1866)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	7	0.31
(4,1866)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	7	0.31
(4,1866)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	15	0.31
(4,1866)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	15	0.31
(4,1866)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	15	0.31
(4,1833)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	10	0.31
(4,1804)	1:9:A:PHE:HZ	1:54:A:ARG:HA	18	0.31
(4,1699)	1:13:A:ALA:HA	1:79:A:THR:HG21	5	0.31
(4,1699)	1:13:A:ALA:HA	1:79:A:THR:HG22	5	0.31
(4,1699)	1:13:A:ALA:HA	1:79:A:THR:HG23	5	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1698)	1:14:A:VAL:H	1:79:A:THR:HG21	13	0.31
(4,1698)	1:14:A:VAL:H	1:79:A:THR:HG22	13	0.31
(4,1698)	1:14:A:VAL:H	1:79:A:THR:HG23	13	0.31
(4,1683)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	17	0.31
(4,1636)	1:69:A:MET:HE1	1:116:A:GLN:HE22	6	0.31
(4,1636)	1:69:A:MET:HE2	1:116:A:GLN:HE22	6	0.31
(4,1636)	1:69:A:MET:HE3	1:116:A:GLN:HE22	6	0.31
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD11	4	0.31
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD12	4	0.31
(4,1595)	1:27:A:ARG:HA	1:30:A:LEU:HD13	4	0.31
(4,1562)	1:101:A:ILE:HD11	1:112:A:GLN:HA	3	0.31
(4,1562)	1:101:A:ILE:HD12	1:112:A:GLN:HA	3	0.31
(4,1562)	1:101:A:ILE:HD13	1:112:A:GLN:HA	3	0.31
(4,1536)	1:139:A:LEU:HD21	1:142:A:LYS:HE2	6	0.31
(4,1536)	1:139:A:LEU:HD21	1:142:A:LYS:HE3	6	0.31
(4,1536)	1:139:A:LEU:HD22	1:142:A:LYS:HE2	6	0.31
(4,1536)	1:139:A:LEU:HD22	1:142:A:LYS:HE3	6	0.31
(4,1536)	1:139:A:LEU:HD23	1:142:A:LYS:HE2	6	0.31
(4,1536)	1:139:A:LEU:HD23	1:142:A:LYS:HE3	6	0.31
(4,1499)	1:69:A:MET:HE1	1:115:A:ALA:H	5	0.31
(4,1499)	1:69:A:MET:HE2	1:115:A:ALA:H	5	0.31
(4,1499)	1:69:A:MET:HE3	1:115:A:ALA:H	5	0.31
(4,1460)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	6	0.31
(4,1460)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	6	0.31
(4,1460)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	6	0.31
(4,1460)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	6	0.31
(4,1460)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	6	0.31
(4,1460)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	6	0.31
(4,1455)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	10	0.31
(4,1455)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	10	0.31
(4,1455)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	10	0.31
(4,1455)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	10	0.31
(4,1455)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	10	0.31
(4,1455)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	10	0.31
(4,1353)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	15	0.31
(4,1353)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	15	0.31
(4,1353)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	15	0.31
(4,1306)	1:107:A:LEU:HA	1:108:A:GLU:HG2	17	0.31
(4,1224)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	10	0.31
(4,1224)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	10	0.31
(4,1224)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	10	0.31
(4,1224)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	10	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1224)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	10	0.31
(4,1224)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	10	0.31
(4,1224)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	10	0.31
(4,1224)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	10	0.31
(4,1224)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	10	0.31
(4,930)	1:63:A:ILE:HG12	1:117:A:VAL:HA	7	0.31
(4,842)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	7	0.31
(4,842)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	7	0.31
(4,842)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	7	0.31
(4,829)	1:69:A:MET:HE1	1:114:A:ILE:HD11	6	0.31
(4,829)	1:69:A:MET:HE1	1:114:A:ILE:HD12	6	0.31
(4,829)	1:69:A:MET:HE1	1:114:A:ILE:HD13	6	0.31
(4,829)	1:69:A:MET:HE2	1:114:A:ILE:HD11	6	0.31
(4,829)	1:69:A:MET:HE2	1:114:A:ILE:HD12	6	0.31
(4,829)	1:69:A:MET:HE2	1:114:A:ILE:HD13	6	0.31
(4,829)	1:69:A:MET:HE3	1:114:A:ILE:HD11	6	0.31
(4,829)	1:69:A:MET:HE3	1:114:A:ILE:HD12	6	0.31
(4,829)	1:69:A:MET:HE3	1:114:A:ILE:HD13	6	0.31
(4,812)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.31
(4,812)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.31
(4,812)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.31
(4,776)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	4	0.31
(4,776)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	4	0.31
(4,776)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	4	0.31
(4,756)	1:69:A:MET:HG2	1:73:A:ILE:HD11	7	0.31
(4,756)	1:69:A:MET:HG2	1:73:A:ILE:HD12	7	0.31
(4,756)	1:69:A:MET:HG2	1:73:A:ILE:HD13	7	0.31
(4,729)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	13	0.31
(4,727)	1:107:A:LEU:H	1:112:A:GLN:HE22	5	0.31
(4,704)	1:48:A:ARG:HA	1:48:A:ARG:HE	15	0.31
(4,690)	1:98:A:ILE:H	1:104:A:PHE:H	1	0.31
(4,573)	1:128:A:LEU:HD21	1:130:A:GLY:H	8	0.31
(4,573)	1:128:A:LEU:HD22	1:130:A:GLY:H	8	0.31
(4,573)	1:128:A:LEU:HD23	1:130:A:GLY:H	8	0.31
(4,111)	1:21:A:THR:HB	1:22:A:ASP:H	7	0.31
(4,108)	1:69:A:MET:H	1:73:A:ILE:HD11	1	0.31
(4,108)	1:69:A:MET:H	1:73:A:ILE:HD12	1	0.31
(4,108)	1:69:A:MET:H	1:73:A:ILE:HD13	1	0.31
(4,78)	1:29:A:LYS:HA	1:30:A:LEU:H	3	0.31
(4,76)	1:22:A:ASP:HA	1:23:A:LEU:H	10	0.31
(4,72)	1:44:A:GLU:HB2	1:45:A:ALA:H	2	0.31
(4,72)	1:44:A:GLU:HB3	1:45:A:ALA:H	2	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,72)	1:44:A:GLU:HB2	1:45:A:ALA:H	5	0.31
(4,72)	1:44:A:GLU:HB3	1:45:A:ALA:H	5	0.31
(4,72)	1:44:A:GLU:HB2	1:45:A:ALA:H	18	0.31
(4,72)	1:44:A:GLU:HB3	1:45:A:ALA:H	18	0.31
(4,67)	1:81:A:GLU:H	1:81:A:GLU:HB3	4	0.31
(4,55)	1:98:A:ILE:H	1:101:A:ILE:HG21	16	0.31
(4,55)	1:98:A:ILE:H	1:101:A:ILE:HG22	16	0.31
(4,55)	1:98:A:ILE:H	1:101:A:ILE:HG23	16	0.31
(4,45)	1:98:A:ILE:H	1:104:A:PHE:HB3	5	0.31
(4,31)	1:96:A:VAL:H	1:97:A:ASP:H	10	0.31
(3,2499)	1:140:A:LEU:HD11	1:144:A:LEU:H	2	0.31
(3,2499)	1:140:A:LEU:HD12	1:144:A:LEU:H	2	0.31
(3,2499)	1:140:A:LEU:HD13	1:144:A:LEU:H	2	0.31
(3,2499)	1:140:A:LEU:HD21	1:144:A:LEU:H	2	0.31
(3,2499)	1:140:A:LEU:HD22	1:144:A:LEU:H	2	0.31
(3,2499)	1:140:A:LEU:HD23	1:144:A:LEU:H	2	0.31
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD11	3	0.31
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD12	3	0.31
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD13	3	0.31
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD11	3	0.31
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD12	3	0.31
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD13	3	0.31
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE1	10	0.31
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE2	10	0.31
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE3	10	0.31
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE1	10	0.31
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE2	10	0.31
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE3	10	0.31
(3,2260)	1:69:A:MET:H	1:69:A:MET:HG2	1	0.31
(3,2260)	1:69:A:MET:H	1:69:A:MET:HG3	1	0.31
(3,2232)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	7	0.31
(3,2232)	1:60:A:LEU:HD11	1:122:A:ASP:HB3	7	0.31
(3,2232)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	7	0.31
(3,2232)	1:60:A:LEU:HD12	1:122:A:ASP:HB3	7	0.31
(3,2232)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	7	0.31
(3,2232)	1:60:A:LEU:HD13	1:122:A:ASP:HB3	7	0.31
(3,2232)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	7	0.31
(3,2232)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	7	0.31
(3,2232)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	7	0.31
(3,2232)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	7	0.31
(3,2232)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	7	0.31
(3,2232)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	7	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD11	18	0.31
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD12	18	0.31
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD13	18	0.31
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD21	18	0.31
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD22	18	0.31
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD23	18	0.31
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD11	19	0.31
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD12	19	0.31
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD13	19	0.31
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD21	19	0.31
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD22	19	0.31
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD23	19	0.31
(3,2172)	1:43:A:MET:HE1	1:131:A:LEU:HB2	5	0.31
(3,2172)	1:43:A:MET:HE1	1:131:A:LEU:HB3	5	0.31
(3,2172)	1:43:A:MET:HE2	1:131:A:LEU:HB2	5	0.31
(3,2172)	1:43:A:MET:HE2	1:131:A:LEU:HB3	5	0.31
(3,2172)	1:43:A:MET:HE3	1:131:A:LEU:HB2	5	0.31
(3,2172)	1:43:A:MET:HE3	1:131:A:LEU:HB3	5	0.31
(3,2170)	1:43:A:MET:HG2	1:144:A:LEU:HD21	14	0.31
(3,2170)	1:43:A:MET:HG2	1:144:A:LEU:HD22	14	0.31
(3,2170)	1:43:A:MET:HG2	1:144:A:LEU:HD23	14	0.31
(3,2170)	1:43:A:MET:HG3	1:144:A:LEU:HD21	14	0.31
(3,2170)	1:43:A:MET:HG3	1:144:A:LEU:HD22	14	0.31
(3,2170)	1:43:A:MET:HG3	1:144:A:LEU:HD23	14	0.31
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD11	9	0.31
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD12	9	0.31
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD13	9	0.31
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD21	9	0.31
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD22	9	0.31
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD23	9	0.31
(3,2001)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	19	0.31
(3,2001)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	19	0.31
(3,2001)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	19	0.31
(3,2001)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	19	0.31
(3,2001)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	19	0.31
(3,2001)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	19	0.31
(3,2001)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	19	0.31
(3,2001)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	19	0.31
(3,2001)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	19	0.31
(3,2001)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	19	0.31
(3,2001)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	19	0.31
(3,2001)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	19	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1940)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	13	0.31
(3,1917)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	17	0.31
(3,1884)	1:9:A:PHE:HZ	1:44:A:GLU:HA	5	0.31
(3,1846)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	6	0.31
(3,1846)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	6	0.31
(3,1846)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	6	0.31
(3,1846)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	6	0.31
(3,1846)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	6	0.31
(3,1846)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	6	0.31
(3,1767)	1:98:A:ILE:HG21	1:102:A:PRO:HD3	9	0.31
(3,1767)	1:98:A:ILE:HG22	1:102:A:PRO:HD3	9	0.31
(3,1767)	1:98:A:ILE:HG23	1:102:A:PRO:HD3	9	0.31
(3,1752)	1:13:A:ALA:HA	1:79:A:THR:HG21	5	0.31
(3,1752)	1:13:A:ALA:HA	1:79:A:THR:HG22	5	0.31
(3,1752)	1:13:A:ALA:HA	1:79:A:THR:HG23	5	0.31
(3,1751)	1:14:A:VAL:H	1:79:A:THR:HG21	13	0.31
(3,1751)	1:14:A:VAL:H	1:79:A:THR:HG22	13	0.31
(3,1751)	1:14:A:VAL:H	1:79:A:THR:HG23	13	0.31
(3,1715)	1:72:A:PHE:HB2	1:109:A:PRO:HA	2	0.31
(3,1598)	1:11:A:ILE:HD11	1:43:A:MET:H	12	0.31
(3,1598)	1:11:A:ILE:HD12	1:43:A:MET:H	12	0.31
(3,1598)	1:11:A:ILE:HD13	1:43:A:MET:H	12	0.31
(3,1585)	1:11:A:ILE:HB	1:40:A:LEU:HD11	18	0.31
(3,1585)	1:11:A:ILE:HB	1:40:A:LEU:HD12	18	0.31
(3,1585)	1:11:A:ILE:HB	1:40:A:LEU:HD13	18	0.31
(3,1542)	1:69:A:MET:HE1	1:115:A:ALA:H	5	0.31
(3,1542)	1:69:A:MET:HE2	1:115:A:ALA:H	5	0.31
(3,1542)	1:69:A:MET:HE3	1:115:A:ALA:H	5	0.31
(3,1498)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	10	0.31
(3,1498)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	10	0.31
(3,1498)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	10	0.31
(3,1498)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	10	0.31
(3,1498)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	10	0.31
(3,1498)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	10	0.31
(3,1442)	1:73:A:ILE:HG21	1:110:A:MET:HG2	15	0.31
(3,1442)	1:73:A:ILE:HG21	1:110:A:MET:HG3	15	0.31
(3,1442)	1:73:A:ILE:HG22	1:110:A:MET:HG2	15	0.31
(3,1442)	1:73:A:ILE:HG22	1:110:A:MET:HG3	15	0.31
(3,1442)	1:73:A:ILE:HG23	1:110:A:MET:HG2	15	0.31
(3,1442)	1:73:A:ILE:HG23	1:110:A:MET:HG3	15	0.31
(3,1431)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	18	0.31
(3,1431)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	18	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1431)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	18	0.31
(3,1431)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	18	0.31
(3,1431)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	18	0.31
(3,1431)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	18	0.31
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG11	3	0.31
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG12	3	0.31
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG13	3	0.31
(3,1327)	1:11:A:ILE:HA	1:14:A:VAL:HG11	10	0.31
(3,1327)	1:11:A:ILE:HA	1:14:A:VAL:HG12	10	0.31
(3,1327)	1:11:A:ILE:HA	1:14:A:VAL:HG13	10	0.31
(3,1236)	1:81:A:GLU:HA	1:81:A:GLU:HG2	2	0.31
(3,1236)	1:81:A:GLU:HA	1:81:A:GLU:HG3	2	0.31
(3,1236)	1:81:A:GLU:HA	1:81:A:GLU:HG2	3	0.31
(3,1236)	1:81:A:GLU:HA	1:81:A:GLU:HG3	3	0.31
(3,1236)	1:81:A:GLU:HA	1:81:A:GLU:HG2	14	0.31
(3,1236)	1:81:A:GLU:HA	1:81:A:GLU:HG3	14	0.31
(3,1218)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	10	0.31
(3,1218)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	10	0.31
(3,1218)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	10	0.31
(3,1218)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	10	0.31
(3,1218)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	10	0.31
(3,1218)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	10	0.31
(3,1218)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	10	0.31
(3,1218)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	10	0.31
(3,1218)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	10	0.31
(3,1188)	1:140:A:LEU:HD21	1:144:A:LEU:H	15	0.31
(3,1188)	1:140:A:LEU:HD22	1:144:A:LEU:H	15	0.31
(3,1188)	1:140:A:LEU:HD23	1:144:A:LEU:H	15	0.31
(3,1142)	1:143:A:TRP:HA	1:143:A:TRP:HE3	16	0.31
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD11	15	0.31
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD12	15	0.31
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD13	15	0.31
(3,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	18	0.31
(3,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	18	0.31
(3,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	18	0.31
(3,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	18	0.31
(3,952)	1:63:A:ILE:HG12	1:117:A:VAL:HA	7	0.31
(3,917)	1:21:A:THR:HB	1:24:A:ASP:H	18	0.31
(3,836)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	11	0.31
(3,836)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	11	0.31
(3,836)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	11	0.31
(3,836)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	11	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,836)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	11	0.31
(3,836)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	11	0.31
(3,836)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	11	0.31
(3,836)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	11	0.31
(3,836)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	11	0.31
(3,836)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	18	0.31
(3,836)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	18	0.31
(3,836)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	18	0.31
(3,836)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	18	0.31
(3,836)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	18	0.31
(3,836)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	18	0.31
(3,836)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	18	0.31
(3,836)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	18	0.31
(3,836)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	18	0.31
(3,824)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	5	0.31
(3,824)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	5	0.31
(3,824)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	5	0.31
(3,824)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	5	0.31
(3,824)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	5	0.31
(3,824)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	5	0.31
(3,824)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	5	0.31
(3,824)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	5	0.31
(3,824)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	5	0.31
(3,814)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	10	0.31
(3,814)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	10	0.31
(3,814)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	10	0.31
(3,755)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	13	0.31
(3,753)	1:107:A:LEU:H	1:112:A:GLN:HE22	5	0.31
(3,704)	1:98:A:ILE:H	1:104:A:PHE:H	1	0.31
(3,692)	1:145:A:PRO:HB3	1:148:A:CYS:H	10	0.31
(3,623)	1:26:A:ASP:H	1:30:A:LEU:HD11	17	0.31
(3,623)	1:26:A:ASP:H	1:30:A:LEU:HD12	17	0.31
(3,623)	1:26:A:ASP:H	1:30:A:LEU:HD13	17	0.31
(3,623)	1:26:A:ASP:H	1:30:A:LEU:HD21	17	0.31
(3,623)	1:26:A:ASP:H	1:30:A:LEU:HD22	17	0.31
(3,623)	1:26:A:ASP:H	1:30:A:LEU:HD23	17	0.31
(3,345)	1:123:A:CYS:H	1:123:A:CYS:HB2	6	0.31
(3,345)	1:123:A:CYS:H	1:123:A:CYS:HB2	18	0.31
(3,188)	1:58:A:ILE:HG21	1:60:A:LEU:H	6	0.31
(3,188)	1:58:A:ILE:HG22	1:60:A:LEU:H	6	0.31
(3,188)	1:58:A:ILE:HG23	1:60:A:LEU:H	6	0.31
(3,131)	1:13:A:ALA:HB1	1:80:A:TYR:H	19	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,131)	1:13:A:ALA:HB2	1:80:A:TYR:H	19	0.31
(3,131)	1:13:A:ALA:HB3	1:80:A:TYR:H	19	0.31
(3,115)	1:22:A:ASP:H	1:23:A:LEU:HB2	1	0.31
(3,115)	1:22:A:ASP:H	1:23:A:LEU:HB3	1	0.31
(3,115)	1:22:A:ASP:H	1:23:A:LEU:HB2	2	0.31
(3,115)	1:22:A:ASP:H	1:23:A:LEU:HB3	2	0.31
(3,104)	1:69:A:MET:H	1:69:A:MET:HE1	13	0.31
(3,104)	1:69:A:MET:H	1:69:A:MET:HE2	13	0.31
(3,104)	1:69:A:MET:H	1:69:A:MET:HE3	13	0.31
(3,54)	1:98:A:ILE:H	1:101:A:ILE:HG21	16	0.31
(3,54)	1:98:A:ILE:H	1:101:A:ILE:HG22	16	0.31
(3,54)	1:98:A:ILE:H	1:101:A:ILE:HG23	16	0.31
(2,2418)	1:131:A:LEU:HD11	1:134:A:VAL:HB	18	0.31
(2,2418)	1:131:A:LEU:HD12	1:134:A:VAL:HB	18	0.31
(2,2418)	1:131:A:LEU:HD13	1:134:A:VAL:HB	18	0.31
(2,2418)	1:131:A:LEU:HD21	1:134:A:VAL:HB	18	0.31
(2,2418)	1:131:A:LEU:HD22	1:134:A:VAL:HB	18	0.31
(2,2418)	1:131:A:LEU:HD23	1:134:A:VAL:HB	18	0.31
(2,2290)	1:76:A:ARG:H	1:77:A:CYS:HB2	12	0.31
(2,2290)	1:76:A:ARG:H	1:77:A:CYS:HB3	12	0.31
(2,2266)	1:69:A:MET:H	1:69:A:MET:HG2	1	0.31
(2,2266)	1:69:A:MET:H	1:69:A:MET:HG3	1	0.31
(2,2264)	1:68:A:LYS:H	1:70:A:LYS:HG2	19	0.31
(2,2264)	1:68:A:LYS:H	1:70:A:LYS:HG3	19	0.31
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	14	0.31
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	14	0.31
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	14	0.31
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	14	0.31
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	14	0.31
(2,2183)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	14	0.31
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD11	14	0.31
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD12	14	0.31
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD13	14	0.31
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD21	14	0.31
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD22	14	0.31
(2,2183)	1:46:A:ASN:HB3	1:140:A:LEU:HD23	14	0.31
(2,2140)	1:40:A:LEU:HD11	1:41:A:LYS:H	15	0.31
(2,2140)	1:40:A:LEU:HD12	1:41:A:LYS:H	15	0.31
(2,2140)	1:40:A:LEU:HD13	1:41:A:LYS:H	15	0.31
(2,2140)	1:40:A:LEU:HD21	1:41:A:LYS:H	15	0.31
(2,2140)	1:40:A:LEU:HD22	1:41:A:LYS:H	15	0.31
(2,2140)	1:40:A:LEU:HD23	1:41:A:LYS:H	15	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2129)	1:39:A:VAL:HG11	1:143:A:TRP:H	19	0.31
(2,2129)	1:39:A:VAL:HG12	1:143:A:TRP:H	19	0.31
(2,2129)	1:39:A:VAL:HG13	1:143:A:TRP:H	19	0.31
(2,2129)	1:39:A:VAL:HG21	1:143:A:TRP:H	19	0.31
(2,2129)	1:39:A:VAL:HG22	1:143:A:TRP:H	19	0.31
(2,2129)	1:39:A:VAL:HG23	1:143:A:TRP:H	19	0.31
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD11	12	0.31
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD12	12	0.31
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD13	12	0.31
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD21	12	0.31
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD22	12	0.31
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD23	12	0.31
(2,2081)	1:34:A:LYS:H	1:81:A:GLU:HB2	12	0.31
(2,2081)	1:34:A:LYS:H	1:81:A:GLU:HB3	12	0.31
(2,2048)	1:18:A:PHE:HZ	1:60:A:LEU:HB2	12	0.31
(2,2048)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	12	0.31
(2,2022)	1:15:A:ALA:H	1:17:A:ASN:HD21	11	0.31
(2,2022)	1:15:A:ALA:H	1:17:A:ASN:HD22	11	0.31
(2,1940)	1:58:A:ILE:HA	1:62:A:HIS:HE1	6	0.31
(2,1883)	1:9:A:PHE:HZ	1:44:A:GLU:HA	5	0.31
(2,1877)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	2	0.31
(2,1877)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	2	0.31
(2,1877)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	2	0.31
(2,1877)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	2	0.31
(2,1854)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	17	0.31
(2,1850)	1:9:A:PHE:HZ	1:54:A:ARG:HA	18	0.31
(2,1804)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	11	0.31
(2,1804)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	11	0.31
(2,1739)	1:13:A:ALA:HA	1:79:A:THR:HG21	5	0.31
(2,1739)	1:13:A:ALA:HA	1:79:A:THR:HG22	5	0.31
(2,1739)	1:13:A:ALA:HA	1:79:A:THR:HG23	5	0.31
(2,1722)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	17	0.31
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE1	1	0.31
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE2	1	0.31
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE3	1	0.31
(2,1519)	1:69:A:MET:HE1	1:115:A:ALA:H	5	0.31
(2,1519)	1:69:A:MET:HE2	1:115:A:ALA:H	5	0.31
(2,1519)	1:69:A:MET:HE3	1:115:A:ALA:H	5	0.31
(2,1504)	1:12:A:VAL:H	1:43:A:MET:HE1	15	0.31
(2,1504)	1:12:A:VAL:H	1:43:A:MET:HE2	15	0.31
(2,1504)	1:12:A:VAL:H	1:43:A:MET:HE3	15	0.31
(2,1476)	1:42:A:GLU:H	1:45:A:ALA:HB1	9	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1476)	1:42:A:GLU:H	1:45:A:ALA:HB2	9	0.31
(2,1476)	1:42:A:GLU:H	1:45:A:ALA:HB3	9	0.31
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG21	4	0.31
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG22	4	0.31
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG23	4	0.31
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG21	4	0.31
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG22	4	0.31
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG23	4	0.31
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG21	4	0.31
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG22	4	0.31
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG23	4	0.31
(2,1414)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	18	0.31
(2,1414)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	18	0.31
(2,1414)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	18	0.31
(2,1414)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	18	0.31
(2,1414)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	18	0.31
(2,1414)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	18	0.31
(2,1404)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	15	0.31
(2,1404)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	15	0.31
(2,1404)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	15	0.31
(2,1404)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	15	0.31
(2,1404)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	15	0.31
(2,1404)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	15	0.31
(2,1404)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	15	0.31
(2,1404)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	15	0.31
(2,1404)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	15	0.31
(2,1399)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	2	0.31
(2,1399)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	2	0.31
(2,1399)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	2	0.31
(2,1399)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	2	0.31
(2,1399)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	2	0.31
(2,1399)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	2	0.31
(2,1376)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	15	0.31
(2,1376)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	15	0.31
(2,1376)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	15	0.31
(2,1161)	1:140:A:LEU:HD21	1:144:A:LEU:H	15	0.31
(2,1161)	1:140:A:LEU:HD22	1:144:A:LEU:H	15	0.31
(2,1161)	1:140:A:LEU:HD23	1:144:A:LEU:H	15	0.31
(2,1152)	1:150:A:THR:HG21	1:151:A:PHE:HA	5	0.31
(2,1152)	1:150:A:THR:HG22	1:151:A:PHE:HA	5	0.31
(2,1152)	1:150:A:THR:HG23	1:151:A:PHE:HA	5	0.31
(2,1093)	1:116:A:GLN:HA	1:119:A:LEU:HD21	3	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1093)	1:116:A:GLN:HA	1:119:A:LEU:HD22	3	0.31
(2,1093)	1:116:A:GLN:HA	1:119:A:LEU:HD23	3	0.31
(2,812)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	3	0.31
(2,812)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	3	0.31
(2,812)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	3	0.31
(2,807)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	5	0.31
(2,807)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	5	0.31
(2,807)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	5	0.31
(2,807)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	5	0.31
(2,807)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	5	0.31
(2,807)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	5	0.31
(2,807)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	5	0.31
(2,807)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	5	0.31
(2,807)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	5	0.31
(2,785)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	13	0.31
(2,785)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	13	0.31
(2,785)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	13	0.31
(2,785)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	13	0.31
(2,785)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	13	0.31
(2,785)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	13	0.31
(2,735)	1:107:A:LEU:H	1:112:A:GLN:HE22	5	0.31
(2,695)	1:98:A:ILE:H	1:104:A:PHE:H	1	0.31
(2,368)	1:132:A:ALA:H	1:133:A:ASN:HD22	1	0.31
(2,368)	1:132:A:ALA:H	1:133:A:ASN:HD22	5	0.31
(2,368)	1:132:A:ALA:H	1:133:A:ASN:HD22	10	0.31
(2,340)	1:123:A:CYS:H	1:123:A:CYS:HB2	6	0.31
(2,340)	1:123:A:CYS:H	1:123:A:CYS:HB2	18	0.31
(2,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	4	0.31
(2,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	4	0.31
(2,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	4	0.31
(2,242)	1:23:A:LEU:HD21	1:24:A:ASP:H	1	0.31
(2,242)	1:23:A:LEU:HD22	1:24:A:ASP:H	1	0.31
(2,242)	1:23:A:LEU:HD23	1:24:A:ASP:H	1	0.31
(2,155)	1:127:A:CYS:H	1:128:A:LEU:HG	8	0.31
(2,130)	1:13:A:ALA:HB1	1:80:A:TYR:H	19	0.31
(2,130)	1:13:A:ALA:HB2	1:80:A:TYR:H	19	0.31
(2,130)	1:13:A:ALA:HB3	1:80:A:TYR:H	19	0.31
(2,122)	1:48:A:ARG:HD2	1:49:A:LYS:H	3	0.31
(2,122)	1:48:A:ARG:HD3	1:49:A:LYS:H	3	0.31
(2,112)	1:22:A:ASP:H	1:23:A:LEU:HB2	1	0.31
(2,112)	1:22:A:ASP:H	1:23:A:LEU:HB3	1	0.31
(2,112)	1:22:A:ASP:H	1:23:A:LEU:HB2	2	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,112)	1:22:A:ASP:H	1:23:A:LEU:HB3	2	0.31
(2,73)	1:22:A:ASP:HA	1:23:A:LEU:H	10	0.31
(2,49)	1:98:A:ILE:H	1:101:A:ILE:HG21	16	0.31
(2,49)	1:98:A:ILE:H	1:101:A:ILE:HG22	16	0.31
(2,49)	1:98:A:ILE:H	1:101:A:ILE:HG23	16	0.31
(1,2403)	1:134:A:VAL:HG11	1:137:A:SER:HB2	18	0.31
(1,2403)	1:134:A:VAL:HG11	1:137:A:SER:HB3	18	0.31
(1,2403)	1:134:A:VAL:HG12	1:137:A:SER:HB2	18	0.31
(1,2403)	1:134:A:VAL:HG12	1:137:A:SER:HB3	18	0.31
(1,2403)	1:134:A:VAL:HG13	1:137:A:SER:HB2	18	0.31
(1,2403)	1:134:A:VAL:HG13	1:137:A:SER:HB3	18	0.31
(1,2403)	1:134:A:VAL:HG21	1:137:A:SER:HB2	18	0.31
(1,2403)	1:134:A:VAL:HG21	1:137:A:SER:HB3	18	0.31
(1,2403)	1:134:A:VAL:HG22	1:137:A:SER:HB2	18	0.31
(1,2403)	1:134:A:VAL:HG22	1:137:A:SER:HB3	18	0.31
(1,2403)	1:134:A:VAL:HG23	1:137:A:SER:HB2	18	0.31
(1,2403)	1:134:A:VAL:HG23	1:137:A:SER:HB3	18	0.31
(1,2402)	1:134:A:VAL:HG11	1:137:A:SER:H	3	0.31
(1,2402)	1:134:A:VAL:HG12	1:137:A:SER:H	3	0.31
(1,2402)	1:134:A:VAL:HG13	1:137:A:SER:H	3	0.31
(1,2402)	1:134:A:VAL:HG21	1:137:A:SER:H	3	0.31
(1,2402)	1:134:A:VAL:HG22	1:137:A:SER:H	3	0.31
(1,2402)	1:134:A:VAL:HG23	1:137:A:SER:H	3	0.31
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	10	0.31
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	10	0.31
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	10	0.31
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	10	0.31
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	10	0.31
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	10	0.31
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	10	0.31
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	10	0.31
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	10	0.31
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	10	0.31
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	10	0.31
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	10	0.31
(1,2328)	1:113:A:PHE:HE1	1:114:A:ILE:HG12	19	0.31
(1,2328)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	19	0.31
(1,2328)	1:113:A:PHE:HE2	1:114:A:ILE:HG12	19	0.31
(1,2328)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	19	0.31
(1,2216)	1:69:A:MET:H	1:69:A:MET:HG2	1	0.31
(1,2216)	1:69:A:MET:H	1:69:A:MET:HG3	1	0.31
(1,2125)	1:40:A:LEU:HD11	1:44:A:GLU:H	11	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2125)	1:40:A:LEU:HD12	1:44:A:GLU:H	11	0.31
(1,2125)	1:40:A:LEU:HD13	1:44:A:GLU:H	11	0.31
(1,2125)	1:40:A:LEU:HD21	1:44:A:GLU:H	11	0.31
(1,2125)	1:40:A:LEU:HD22	1:44:A:GLU:H	11	0.31
(1,2125)	1:40:A:LEU:HD23	1:44:A:GLU:H	11	0.31
(1,1946)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	10	0.31
(1,1946)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	10	0.31
(1,1946)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	10	0.31
(1,1946)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	10	0.31
(1,1946)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	10	0.31
(1,1946)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	10	0.31
(1,1946)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	10	0.31
(1,1946)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	10	0.31
(1,1946)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	10	0.31
(1,1946)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	10	0.31
(1,1946)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	10	0.31
(1,1946)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	10	0.31
(1,1906)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	17	0.31
(1,1898)	1:104:A:PHE:HE1	1:105:A:LYS:H	7	0.31
(1,1898)	1:104:A:PHE:HE2	1:105:A:LYS:H	7	0.31
(1,1871)	1:9:A:PHE:HZ	1:44:A:GLU:HA	5	0.31
(1,1794)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	11	0.31
(1,1794)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	11	0.31
(1,1746)	1:98:A:ILE:HG21	1:102:A:PRO:HD3	9	0.31
(1,1746)	1:98:A:ILE:HG22	1:102:A:PRO:HD3	9	0.31
(1,1746)	1:98:A:ILE:HG23	1:102:A:PRO:HD3	9	0.31
(1,1717)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	17	0.31
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE1	5	0.31
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE2	5	0.31
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE3	5	0.31
(1,1669)	1:69:A:MET:HE1	1:116:A:GLN:HG3	2	0.31
(1,1669)	1:69:A:MET:HE2	1:116:A:GLN:HG3	2	0.31
(1,1669)	1:69:A:MET:HE3	1:116:A:GLN:HG3	2	0.31
(1,1603)	1:98:A:ILE:HG21	1:104:A:PHE:HE1	2	0.31
(1,1603)	1:98:A:ILE:HG21	1:104:A:PHE:HE2	2	0.31
(1,1603)	1:98:A:ILE:HG22	1:104:A:PHE:HE1	2	0.31
(1,1603)	1:98:A:ILE:HG22	1:104:A:PHE:HE2	2	0.31
(1,1603)	1:98:A:ILE:HG23	1:104:A:PHE:HE1	2	0.31
(1,1603)	1:98:A:ILE:HG23	1:104:A:PHE:HE2	2	0.31
(1,1598)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	5	0.31
(1,1598)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	5	0.31
(1,1598)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	5	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1545)	1:69:A:MET:HE1	1:109:A:PRO:HB2	5	0.31
(1,1545)	1:69:A:MET:HE1	1:109:A:PRO:HB3	5	0.31
(1,1545)	1:69:A:MET:HE2	1:109:A:PRO:HB2	5	0.31
(1,1545)	1:69:A:MET:HE2	1:109:A:PRO:HB3	5	0.31
(1,1545)	1:69:A:MET:HE3	1:109:A:PRO:HB2	5	0.31
(1,1545)	1:69:A:MET:HE3	1:109:A:PRO:HB3	5	0.31
(1,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE1	18	0.31
(1,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE2	18	0.31
(1,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE3	18	0.31
(1,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE1	18	0.31
(1,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE2	18	0.31
(1,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE3	18	0.31
(1,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE1	18	0.31
(1,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE2	18	0.31
(1,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE3	18	0.31
(1,1480)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	10	0.31
(1,1480)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	10	0.31
(1,1480)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	10	0.31
(1,1480)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	10	0.31
(1,1480)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	10	0.31
(1,1480)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	10	0.31
(1,1475)	1:42:A:GLU:H	1:45:A:ALA:HB1	9	0.31
(1,1475)	1:42:A:GLU:H	1:45:A:ALA:HB2	9	0.31
(1,1475)	1:42:A:GLU:H	1:45:A:ALA:HB3	9	0.31
(1,1426)	1:73:A:ILE:HG21	1:110:A:MET:HG2	15	0.31
(1,1426)	1:73:A:ILE:HG21	1:110:A:MET:HG3	15	0.31
(1,1426)	1:73:A:ILE:HG22	1:110:A:MET:HG2	15	0.31
(1,1426)	1:73:A:ILE:HG22	1:110:A:MET:HG3	15	0.31
(1,1426)	1:73:A:ILE:HG23	1:110:A:MET:HG2	15	0.31
(1,1426)	1:73:A:ILE:HG23	1:110:A:MET:HG3	15	0.31
(1,1282)	1:44:A:GLU:HG3	1:45:A:ALA:HA	9	0.31
(1,1250)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	10	0.31
(1,1250)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	10	0.31
(1,1250)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	10	0.31
(1,1250)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	10	0.31
(1,1250)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	10	0.31
(1,1250)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	10	0.31
(1,1250)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	10	0.31
(1,1250)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	10	0.31
(1,1250)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	10	0.31
(1,1131)	1:143:A:TRP:HA	1:143:A:TRP:HE3	16	0.31
(1,1112)	1:116:A:GLN:HA	1:119:A:LEU:HD21	3	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1112)	1:116:A:GLN:HA	1:119:A:LEU:HD22	3	0.31
(1,1112)	1:116:A:GLN:HA	1:119:A:LEU:HD23	3	0.31
(1,1095)	1:45:A:ALA:HA	1:48:A:ARG:HG2	13	0.31
(1,1095)	1:45:A:ALA:HA	1:48:A:ARG:HG3	13	0.31
(1,1048)	1:11:A:ILE:HB	1:44:A:GLU:HB2	17	0.31
(1,1048)	1:11:A:ILE:HB	1:44:A:GLU:HB3	17	0.31
(1,982)	1:15:A:ALA:HB1	1:43:A:MET:HB2	8	0.31
(1,982)	1:15:A:ALA:HB2	1:43:A:MET:HB2	8	0.31
(1,982)	1:15:A:ALA:HB3	1:43:A:MET:HB2	8	0.31
(1,956)	1:63:A:ILE:HG12	1:117:A:VAL:HA	7	0.31
(1,862)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	7	0.31
(1,862)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	7	0.31
(1,862)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	7	0.31
(1,837)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	11	0.31
(1,837)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	11	0.31
(1,837)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	11	0.31
(1,837)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	11	0.31
(1,837)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	11	0.31
(1,837)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	11	0.31
(1,837)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	11	0.31
(1,837)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	11	0.31
(1,837)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	11	0.31
(1,837)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	18	0.31
(1,837)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	18	0.31
(1,837)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	18	0.31
(1,837)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	18	0.31
(1,837)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	18	0.31
(1,837)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	18	0.31
(1,837)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	18	0.31
(1,837)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	18	0.31
(1,837)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	18	0.31
(1,754)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	14	0.31
(1,752)	1:107:A:LEU:H	1:112:A:GLN:HE22	5	0.31
(1,619)	1:14:A:VAL:HB	1:16:A:SER:H	19	0.31
(1,579)	1:11:A:ILE:HD11	1:16:A:SER:H	19	0.31
(1,579)	1:11:A:ILE:HD12	1:16:A:SER:H	19	0.31
(1,579)	1:11:A:ILE:HD13	1:16:A:SER:H	19	0.31
(1,572)	1:63:A:ILE:HG21	1:116:A:GLN:H	8	0.31
(1,572)	1:63:A:ILE:HG22	1:116:A:GLN:H	8	0.31
(1,572)	1:63:A:ILE:HG23	1:116:A:GLN:H	8	0.31
(1,348)	1:123:A:CYS:H	1:123:A:CYS:HB2	6	0.31
(1,348)	1:123:A:CYS:H	1:123:A:CYS:HB2	18	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,340)	1:57:A:LEU:H	1:58:A:ILE:HG13	9	0.31
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE1	16	0.31
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE2	16	0.31
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE3	16	0.31
(1,221)	1:98:A:ILE:HD11	1:101:A:ILE:H	9	0.31
(1,221)	1:98:A:ILE:HD12	1:101:A:ILE:H	9	0.31
(1,221)	1:98:A:ILE:HD13	1:101:A:ILE:H	9	0.31
(1,124)	1:22:A:ASP:H	1:23:A:LEU:HB2	1	0.31
(1,124)	1:22:A:ASP:H	1:23:A:LEU:HB3	1	0.31
(1,124)	1:22:A:ASP:H	1:23:A:LEU:HB2	2	0.31
(1,124)	1:22:A:ASP:H	1:23:A:LEU:HB3	2	0.31
(1,117)	1:69:A:MET:H	1:73:A:ILE:HD11	1	0.31
(1,117)	1:69:A:MET:H	1:73:A:ILE:HD12	1	0.31
(1,117)	1:69:A:MET:H	1:73:A:ILE:HD13	1	0.31
(34,2458)	1:138:A:ASP:HB2	1:139:A:LEU:HD11	7	0.3
(34,2458)	1:138:A:ASP:HB2	1:139:A:LEU:HD12	7	0.3
(34,2458)	1:138:A:ASP:HB2	1:139:A:LEU:HD13	7	0.3
(34,2458)	1:138:A:ASP:HB2	1:139:A:LEU:HD21	7	0.3
(34,2458)	1:138:A:ASP:HB2	1:139:A:LEU:HD22	7	0.3
(34,2458)	1:138:A:ASP:HB2	1:139:A:LEU:HD23	7	0.3
(34,2458)	1:138:A:ASP:HB3	1:139:A:LEU:HD11	7	0.3
(34,2458)	1:138:A:ASP:HB3	1:139:A:LEU:HD12	7	0.3
(34,2458)	1:138:A:ASP:HB3	1:139:A:LEU:HD13	7	0.3
(34,2458)	1:138:A:ASP:HB3	1:139:A:LEU:HD21	7	0.3
(34,2458)	1:138:A:ASP:HB3	1:139:A:LEU:HD22	7	0.3
(34,2458)	1:138:A:ASP:HB3	1:139:A:LEU:HD23	7	0.3
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	12	0.3
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	12	0.3
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	12	0.3
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	12	0.3
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	12	0.3
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	12	0.3
(34,2112)	1:39:A:VAL:HB	1:140:A:LEU:HD11	10	0.3
(34,2112)	1:39:A:VAL:HB	1:140:A:LEU:HD12	10	0.3
(34,2112)	1:39:A:VAL:HB	1:140:A:LEU:HD13	10	0.3
(34,2112)	1:39:A:VAL:HB	1:140:A:LEU:HD21	10	0.3
(34,2112)	1:39:A:VAL:HB	1:140:A:LEU:HD22	10	0.3
(34,2112)	1:39:A:VAL:HB	1:140:A:LEU:HD23	10	0.3
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD11	3	0.3
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD12	3	0.3
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD13	3	0.3
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD21	3	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD22	3	0.3
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD23	3	0.3
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD11	3	0.3
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD12	3	0.3
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD13	3	0.3
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD21	3	0.3
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD22	3	0.3
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD23	3	0.3
(34,2058)	1:29:A:LYS:HA	1:30:A:LEU:HD11	3	0.3
(34,2058)	1:29:A:LYS:HA	1:30:A:LEU:HD12	3	0.3
(34,2058)	1:29:A:LYS:HA	1:30:A:LEU:HD13	3	0.3
(34,2058)	1:29:A:LYS:HA	1:30:A:LEU:HD21	3	0.3
(34,2058)	1:29:A:LYS:HA	1:30:A:LEU:HD22	3	0.3
(34,2058)	1:29:A:LYS:HA	1:30:A:LEU:HD23	3	0.3
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	12	0.3
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	12	0.3
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	12	0.3
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	12	0.3
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	12	0.3
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	12	0.3
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	12	0.3
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	12	0.3
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	12	0.3
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	12	0.3
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	12	0.3
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	12	0.3
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	12	0.3
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	12	0.3
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	12	0.3
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	12	0.3
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	12	0.3
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	12	0.3
(34,2008)	1:15:A:ALA:HB1	1:16:A:SER:HB2	12	0.3
(34,2008)	1:15:A:ALA:HB1	1:16:A:SER:HB3	12	0.3
(34,2008)	1:15:A:ALA:HB2	1:16:A:SER:HB2	12	0.3
(34,2008)	1:15:A:ALA:HB2	1:16:A:SER:HB3	12	0.3
(34,2008)	1:15:A:ALA:HB3	1:16:A:SER:HB2	12	0.3
(34,2008)	1:15:A:ALA:HB3	1:16:A:SER:HB3	12	0.3
(34,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	6	0.3
(34,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	6	0.3
(34,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	6	0.3
(34,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	6	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	6	0.3
(34,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	6	0.3
(34,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	6	0.3
(34,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	6	0.3
(34,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	6	0.3
(34,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	6	0.3
(34,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	6	0.3
(34,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	6	0.3
(34,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	6	0.3
(34,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	6	0.3
(34,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	6	0.3
(34,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	6	0.3
(34,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	6	0.3
(34,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	6	0.3
(34,1875)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	19	0.3
(34,1875)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	19	0.3
(34,1858)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	7	0.3
(34,1858)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	7	0.3
(34,1858)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	7	0.3
(34,1858)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	7	0.3
(34,1858)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	7	0.3
(34,1858)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	7	0.3
(34,1856)	1:80:A:TYR:HE1	1:81:A:GLU:HG2	16	0.3
(34,1856)	1:80:A:TYR:HE1	1:81:A:GLU:HG3	16	0.3
(34,1856)	1:80:A:TYR:HE2	1:81:A:GLU:HG2	16	0.3
(34,1856)	1:80:A:TYR:HE2	1:81:A:GLU:HG3	16	0.3
(34,1617)	1:119:A:LEU:H	1:121:A:VAL:HG11	6	0.3
(34,1617)	1:119:A:LEU:H	1:121:A:VAL:HG12	6	0.3
(34,1617)	1:119:A:LEU:H	1:121:A:VAL:HG13	6	0.3
(34,1617)	1:119:A:LEU:H	1:121:A:VAL:HG11	15	0.3
(34,1617)	1:119:A:LEU:H	1:121:A:VAL:HG12	15	0.3
(34,1617)	1:119:A:LEU:H	1:121:A:VAL:HG13	15	0.3
(34,1617)	1:119:A:LEU:H	1:121:A:VAL:HG11	16	0.3
(34,1617)	1:119:A:LEU:H	1:121:A:VAL:HG12	16	0.3
(34,1617)	1:119:A:LEU:H	1:121:A:VAL:HG13	16	0.3
(34,1531)	1:69:A:MET:HE1	1:114:A:ILE:H	10	0.3
(34,1531)	1:69:A:MET:HE2	1:114:A:ILE:H	10	0.3
(34,1531)	1:69:A:MET:HE3	1:114:A:ILE:H	10	0.3
(34,1362)	1:17:A:ASN:HA	1:76:A:ARG:HA	5	0.3
(34,1358)	1:105:A:LYS:HB2	1:106:A:ASP:HA	13	0.3
(34,1358)	1:105:A:LYS:HB3	1:106:A:ASP:HA	13	0.3
(34,1349)	1:64:A:LYS:HA	1:64:A:LYS:HD2	14	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1349)	1:64:A:LYS:HA	1:64:A:LYS:HD3	14	0.3
(34,1343)	1:123:A:CYS:HB2	1:128:A:LEU:HD11	19	0.3
(34,1343)	1:123:A:CYS:HB2	1:128:A:LEU:HD12	19	0.3
(34,1343)	1:123:A:CYS:HB2	1:128:A:LEU:HD13	19	0.3
(34,1272)	1:38:A:GLU:HB2	1:139:A:LEU:HD21	13	0.3
(34,1272)	1:38:A:GLU:HB2	1:139:A:LEU:HD22	13	0.3
(34,1272)	1:38:A:GLU:HB2	1:139:A:LEU:HD23	13	0.3
(34,1265)	1:21:A:THR:HG21	1:23:A:LEU:HA	14	0.3
(34,1265)	1:21:A:THR:HG22	1:23:A:LEU:HA	14	0.3
(34,1265)	1:21:A:THR:HG23	1:23:A:LEU:HA	14	0.3
(34,1246)	1:110:A:MET:HA	1:113:A:PHE:HB2	15	0.3
(34,1211)	1:100:A:ALA:HB1	1:119:A:LEU:HD21	8	0.3
(34,1211)	1:100:A:ALA:HB1	1:119:A:LEU:HD22	8	0.3
(34,1211)	1:100:A:ALA:HB1	1:119:A:LEU:HD23	8	0.3
(34,1211)	1:100:A:ALA:HB2	1:119:A:LEU:HD21	8	0.3
(34,1211)	1:100:A:ALA:HB2	1:119:A:LEU:HD22	8	0.3
(34,1211)	1:100:A:ALA:HB2	1:119:A:LEU:HD23	8	0.3
(34,1211)	1:100:A:ALA:HB3	1:119:A:LEU:HD21	8	0.3
(34,1211)	1:100:A:ALA:HB3	1:119:A:LEU:HD22	8	0.3
(34,1211)	1:100:A:ALA:HB3	1:119:A:LEU:HD23	8	0.3
(34,1164)	1:138:A:ASP:HA	1:141:A:LYS:H	14	0.3
(34,1041)	1:34:A:LYS:H	1:81:A:GLU:HB2	12	0.3
(34,974)	1:39:A:VAL:HA	1:43:A:MET:HG3	16	0.3
(34,958)	1:69:A:MET:HG2	1:109:A:PRO:HA	19	0.3
(34,947)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	19	0.3
(34,947)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	19	0.3
(34,947)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	19	0.3
(34,947)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	19	0.3
(34,940)	1:125:A:THR:HB	1:128:A:LEU:HB2	18	0.3
(34,911)	1:94:A:ALA:HA	1:95:A:ILE:HB	5	0.3
(34,904)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	18	0.3
(34,904)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	18	0.3
(34,904)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	18	0.3
(34,786)	1:101:A:ILE:HD11	1:119:A:LEU:HG	15	0.3
(34,786)	1:101:A:ILE:HD12	1:119:A:LEU:HG	15	0.3
(34,786)	1:101:A:ILE:HD13	1:119:A:LEU:HG	15	0.3
(34,754)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	6	0.3
(34,754)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	6	0.3
(34,754)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	6	0.3
(34,749)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	3	0.3
(34,749)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	3	0.3
(34,716)	1:23:A:LEU:HD21	1:27:A:ARG:HE	14	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,716)	1:23:A:LEU:HD22	1:27:A:ARG:HE	14	0.3
(34,716)	1:23:A:LEU:HD23	1:27:A:ARG:HE	14	0.3
(34,706)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	3	0.3
(34,706)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	3	0.3
(34,649)	1:66:A:THR:H	1:69:A:MET:HA	3	0.3
(34,607)	1:55:A:GLY:H	1:57:A:LEU:H	8	0.3
(34,552)	1:60:A:LEU:HD21	1:61:A:SER:H	6	0.3
(34,552)	1:60:A:LEU:HD22	1:61:A:SER:H	6	0.3
(34,552)	1:60:A:LEU:HD23	1:61:A:SER:H	6	0.3
(34,354)	1:122:A:ASP:HB3	1:123:A:CYS:H	16	0.3
(34,325)	1:136:A:CYS:HA	1:140:A:LEU:H	3	0.3
(34,253)	1:58:A:ILE:H	1:58:A:ILE:HG13	17	0.3
(34,239)	1:11:A:ILE:HB	1:44:A:GLU:H	10	0.3
(34,161)	1:127:A:CYS:H	1:128:A:LEU:HB2	12	0.3
(34,107)	1:67:A:PRO:HD2	1:69:A:MET:H	19	0.3
(33,2285)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	2	0.3
(33,2285)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	2	0.3
(33,2285)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	5	0.3
(33,2285)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	5	0.3
(33,2285)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	8	0.3
(33,2285)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	8	0.3
(33,2136)	1:40:A:LEU:HD11	1:44:A:GLU:H	11	0.3
(33,2136)	1:40:A:LEU:HD12	1:44:A:GLU:H	11	0.3
(33,2136)	1:40:A:LEU:HD13	1:44:A:GLU:H	11	0.3
(33,2136)	1:40:A:LEU:HD21	1:44:A:GLU:H	11	0.3
(33,2136)	1:40:A:LEU:HD22	1:44:A:GLU:H	11	0.3
(33,2136)	1:40:A:LEU:HD23	1:44:A:GLU:H	11	0.3
(33,2110)	1:39:A:VAL:HA	1:139:A:LEU:HD11	4	0.3
(33,2110)	1:39:A:VAL:HA	1:139:A:LEU:HD12	4	0.3
(33,2110)	1:39:A:VAL:HA	1:139:A:LEU:HD13	4	0.3
(33,2110)	1:39:A:VAL:HA	1:139:A:LEU:HD21	4	0.3
(33,2110)	1:39:A:VAL:HA	1:139:A:LEU:HD22	4	0.3
(33,2110)	1:39:A:VAL:HA	1:139:A:LEU:HD23	4	0.3
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	8	0.3
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	8	0.3
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	8	0.3
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	8	0.3
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	8	0.3
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	8	0.3
(33,2019)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	5	0.3
(33,2019)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	5	0.3
(33,2019)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	5	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2019)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	5	0.3
(33,2019)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	5	0.3
(33,2019)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	5	0.3
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	12	0.3
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	12	0.3
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	12	0.3
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	12	0.3
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	12	0.3
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	12	0.3
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	12	0.3
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	12	0.3
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	12	0.3
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	12	0.3
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	12	0.3
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	12	0.3
(33,1883)	1:104:A:PHE:HE1	1:105:A:LYS:H	9	0.3
(33,1883)	1:104:A:PHE:HE2	1:105:A:LYS:H	9	0.3
(33,1880)	1:68:A:LYS:HA	1:72:A:PHE:HE1	5	0.3
(33,1880)	1:68:A:LYS:HA	1:72:A:PHE:HE2	5	0.3
(33,1845)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	7	0.3
(33,1845)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	7	0.3
(33,1845)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	7	0.3
(33,1845)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	7	0.3
(33,1845)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	7	0.3
(33,1845)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	7	0.3
(33,1842)	1:80:A:TYR:HE1	1:81:A:GLU:HG2	16	0.3
(33,1842)	1:80:A:TYR:HE1	1:81:A:GLU:HG3	16	0.3
(33,1842)	1:80:A:TYR:HE2	1:81:A:GLU:HG2	16	0.3
(33,1842)	1:80:A:TYR:HE2	1:81:A:GLU:HG3	16	0.3
(33,1676)	1:69:A:MET:HA	1:109:A:PRO:HA	6	0.3
(33,1634)	1:102:A:PRO:HA	1:105:A:LYS:HD2	3	0.3
(33,1634)	1:102:A:PRO:HA	1:105:A:LYS:HD3	3	0.3
(33,1592)	1:119:A:LEU:H	1:121:A:VAL:HG11	6	0.3
(33,1592)	1:119:A:LEU:H	1:121:A:VAL:HG12	6	0.3
(33,1592)	1:119:A:LEU:H	1:121:A:VAL:HG13	6	0.3
(33,1592)	1:119:A:LEU:H	1:121:A:VAL:HG11	15	0.3
(33,1592)	1:119:A:LEU:H	1:121:A:VAL:HG12	15	0.3
(33,1592)	1:119:A:LEU:H	1:121:A:VAL:HG13	15	0.3
(33,1592)	1:119:A:LEU:H	1:121:A:VAL:HG11	16	0.3
(33,1592)	1:119:A:LEU:H	1:121:A:VAL:HG12	16	0.3
(33,1592)	1:119:A:LEU:H	1:121:A:VAL:HG13	16	0.3
(33,1524)	1:69:A:MET:HE1	1:76:A:ARG:HG2	4	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1524)	1:69:A:MET:HE1	1:76:A:ARG:HG3	4	0.3
(33,1524)	1:69:A:MET:HE2	1:76:A:ARG:HG2	4	0.3
(33,1524)	1:69:A:MET:HE2	1:76:A:ARG:HG3	4	0.3
(33,1524)	1:69:A:MET:HE3	1:76:A:ARG:HG2	4	0.3
(33,1524)	1:69:A:MET:HE3	1:76:A:ARG:HG3	4	0.3
(33,1509)	1:69:A:MET:HE1	1:115:A:ALA:H	3	0.3
(33,1509)	1:69:A:MET:HE2	1:115:A:ALA:H	3	0.3
(33,1509)	1:69:A:MET:HE3	1:115:A:ALA:H	3	0.3
(33,1508)	1:69:A:MET:HE1	1:114:A:ILE:H	17	0.3
(33,1508)	1:69:A:MET:HE2	1:114:A:ILE:H	17	0.3
(33,1508)	1:69:A:MET:HE3	1:114:A:ILE:H	17	0.3
(33,1497)	1:43:A:MET:HA	1:43:A:MET:HE1	4	0.3
(33,1497)	1:43:A:MET:HA	1:43:A:MET:HE2	4	0.3
(33,1497)	1:43:A:MET:HA	1:43:A:MET:HE3	4	0.3
(33,1331)	1:64:A:LYS:HA	1:64:A:LYS:HD2	14	0.3
(33,1331)	1:64:A:LYS:HA	1:64:A:LYS:HD3	14	0.3
(33,1324)	1:123:A:CYS:HB2	1:128:A:LEU:HD11	19	0.3
(33,1324)	1:123:A:CYS:HB2	1:128:A:LEU:HD12	19	0.3
(33,1324)	1:123:A:CYS:HB2	1:128:A:LEU:HD13	19	0.3
(33,1242)	1:21:A:THR:HG21	1:23:A:LEU:HA	14	0.3
(33,1242)	1:21:A:THR:HG22	1:23:A:LEU:HA	14	0.3
(33,1242)	1:21:A:THR:HG23	1:23:A:LEU:HA	14	0.3
(33,1226)	1:11:A:ILE:HD11	1:131:A:LEU:HA	7	0.3
(33,1226)	1:11:A:ILE:HD12	1:131:A:LEU:HA	7	0.3
(33,1226)	1:11:A:ILE:HD13	1:131:A:LEU:HA	7	0.3
(33,1157)	1:13:A:ALA:HB1	1:80:A:TYR:HA	8	0.3
(33,1157)	1:13:A:ALA:HB2	1:80:A:TYR:HA	8	0.3
(33,1157)	1:13:A:ALA:HB3	1:80:A:TYR:HA	8	0.3
(33,1135)	1:138:A:ASP:HA	1:141:A:LYS:H	14	0.3
(33,1097)	1:116:A:GLN:HA	1:119:A:LEU:HD21	2	0.3
(33,1097)	1:116:A:GLN:HA	1:119:A:LEU:HD22	2	0.3
(33,1097)	1:116:A:GLN:HA	1:119:A:LEU:HD23	2	0.3
(33,1052)	1:70:A:LYS:H	1:70:A:LYS:HD2	6	0.3
(33,1029)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	10	0.3
(33,1029)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	10	0.3
(33,956)	1:40:A:LEU:HA	1:43:A:MET:HG2	14	0.3
(33,934)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	19	0.3
(33,934)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	19	0.3
(33,934)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	19	0.3
(33,934)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	19	0.3
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB1	10	0.3
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB2	10	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB3	10	0.3
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB1	10	0.3
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB2	10	0.3
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB3	10	0.3
(33,877)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	15	0.3
(33,877)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	15	0.3
(33,877)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	15	0.3
(33,864)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	15	0.3
(33,864)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	15	0.3
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	13	0.3
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	13	0.3
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	13	0.3
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	13	0.3
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	13	0.3
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	13	0.3
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	13	0.3
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	13	0.3
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	13	0.3
(33,748)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	6	0.3
(33,748)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	6	0.3
(33,748)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	6	0.3
(33,720)	1:76:A:ARG:HA	1:76:A:ARG:HE	4	0.3
(33,642)	1:66:A:THR:H	1:69:A:MET:HA	3	0.3
(33,616)	1:14:A:VAL:HB	1:16:A:SER:H	4	0.3
(33,461)	1:14:A:VAL:H	1:14:A:VAL:HB	14	0.3
(33,155)	1:127:A:CYS:H	1:128:A:LEU:HB2	12	0.3
(33,71)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3
(33,71)	1:117:A:VAL:H	1:117:A:VAL:HB	15	0.3
(33,62)	1:11:A:ILE:HD11	1:47:A:ALA:H	10	0.3
(33,62)	1:11:A:ILE:HD12	1:47:A:ALA:H	10	0.3
(33,62)	1:11:A:ILE:HD13	1:47:A:ALA:H	10	0.3
(33,58)	1:98:A:ILE:H	1:101:A:ILE:HG13	8	0.3
(33,58)	1:98:A:ILE:H	1:101:A:ILE:HG13	18	0.3
(32,2469)	1:140:A:LEU:HD11	1:143:A:TRP:HD1	2	0.3
(32,2469)	1:140:A:LEU:HD12	1:143:A:TRP:HD1	2	0.3
(32,2469)	1:140:A:LEU:HD13	1:143:A:TRP:HD1	2	0.3
(32,2469)	1:140:A:LEU:HD21	1:143:A:TRP:HD1	2	0.3
(32,2469)	1:140:A:LEU:HD22	1:143:A:TRP:HD1	2	0.3
(32,2469)	1:140:A:LEU:HD23	1:143:A:TRP:HD1	2	0.3
(32,2468)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	14	0.3
(32,2468)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	14	0.3
(32,2468)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	14	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2468)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	14	0.3
(32,2468)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	14	0.3
(32,2468)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	14	0.3
(32,2415)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	8	0.3
(32,2415)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	8	0.3
(32,2329)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	19	0.3
(32,2329)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	19	0.3
(32,2329)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	19	0.3
(32,2329)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	19	0.3
(32,2329)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	19	0.3
(32,2329)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	19	0.3
(32,2329)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	19	0.3
(32,2329)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	19	0.3
(32,2329)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	19	0.3
(32,2329)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	19	0.3
(32,2329)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	19	0.3
(32,2329)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	19	0.3
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD11	8	0.3
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD12	8	0.3
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD13	8	0.3
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD21	8	0.3
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD22	8	0.3
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD23	8	0.3
(32,2290)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	13	0.3
(32,2290)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	13	0.3
(32,2290)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	13	0.3
(32,2290)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	13	0.3
(32,2290)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	13	0.3
(32,2290)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	13	0.3
(32,2290)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	13	0.3
(32,2290)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	13	0.3
(32,2290)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	13	0.3
(32,2290)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	13	0.3
(32,2290)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	13	0.3
(32,2290)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	13	0.3
(32,2285)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	15	0.3
(32,2285)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	15	0.3
(32,2285)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	15	0.3
(32,2285)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	15	0.3
(32,2285)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	15	0.3
(32,2285)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	15	0.3
(32,2285)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	15	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2285)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	15	0.3
(32,2285)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	15	0.3
(32,2285)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	15	0.3
(32,2285)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	15	0.3
(32,2285)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	15	0.3
(32,2197)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	14	0.3
(32,2197)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	14	0.3
(32,2197)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	14	0.3
(32,2197)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	14	0.3
(32,2197)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	14	0.3
(32,2197)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	14	0.3
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD11	8	0.3
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD12	8	0.3
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD13	8	0.3
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD21	8	0.3
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD22	8	0.3
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD23	8	0.3
(32,2091)	1:39:A:VAL:HG11	1:43:A:MET:HB2	13	0.3
(32,2091)	1:39:A:VAL:HG12	1:43:A:MET:HB2	13	0.3
(32,2091)	1:39:A:VAL:HG13	1:43:A:MET:HB2	13	0.3
(32,2091)	1:39:A:VAL:HG21	1:43:A:MET:HB2	13	0.3
(32,2091)	1:39:A:VAL:HG22	1:43:A:MET:HB2	13	0.3
(32,2091)	1:39:A:VAL:HG23	1:43:A:MET:HB2	13	0.3
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	12	0.3
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	12	0.3
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	12	0.3
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	12	0.3
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	12	0.3
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	12	0.3
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	12	0.3
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	12	0.3
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	12	0.3
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	12	0.3
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	12	0.3
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	12	0.3
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	12	0.3
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	12	0.3
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	12	0.3
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	12	0.3
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	12	0.3
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	12	0.3
(32,1986)	1:18:A:PHE:HB2	1:132:A:ALA:H	7	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1986)	1:18:A:PHE:HB3	1:132:A:ALA:H	7	0.3
(32,1947)	1:14:A:VAL:HB	1:131:A:LEU:HD11	13	0.3
(32,1947)	1:14:A:VAL:HB	1:131:A:LEU:HD12	13	0.3
(32,1947)	1:14:A:VAL:HB	1:131:A:LEU:HD13	13	0.3
(32,1947)	1:14:A:VAL:HB	1:131:A:LEU:HD21	13	0.3
(32,1947)	1:14:A:VAL:HB	1:131:A:LEU:HD22	13	0.3
(32,1947)	1:14:A:VAL:HB	1:131:A:LEU:HD23	13	0.3
(32,1926)	1:11:A:ILE:HG13	1:57:A:LEU:HD11	15	0.3
(32,1926)	1:11:A:ILE:HG13	1:57:A:LEU:HD12	15	0.3
(32,1926)	1:11:A:ILE:HG13	1:57:A:LEU:HD13	15	0.3
(32,1926)	1:11:A:ILE:HG13	1:57:A:LEU:HD21	15	0.3
(32,1926)	1:11:A:ILE:HG13	1:57:A:LEU:HD22	15	0.3
(32,1926)	1:11:A:ILE:HG13	1:57:A:LEU:HD23	15	0.3
(32,1874)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	12	0.3
(32,1830)	1:18:A:PHE:HA	1:113:A:PHE:HE1	14	0.3
(32,1830)	1:18:A:PHE:HA	1:113:A:PHE:HE2	14	0.3
(32,1815)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	7	0.3
(32,1815)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	7	0.3
(32,1815)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	7	0.3
(32,1815)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	7	0.3
(32,1815)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	7	0.3
(32,1815)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	7	0.3
(32,1800)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	1	0.3
(32,1800)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	1	0.3
(32,1800)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	1	0.3
(32,1724)	1:141:A:LYS:HA	1:149:A:ALA:H	6	0.3
(32,1325)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	9	0.3
(32,1325)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	9	0.3
(32,1325)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	9	0.3
(32,1299)	1:64:A:LYS:HA	1:64:A:LYS:HD2	14	0.3
(32,1299)	1:64:A:LYS:HA	1:64:A:LYS:HD3	14	0.3
(32,1292)	1:123:A:CYS:HB2	1:128:A:LEU:HD11	19	0.3
(32,1292)	1:123:A:CYS:HB2	1:128:A:LEU:HD12	19	0.3
(32,1292)	1:123:A:CYS:HB2	1:128:A:LEU:HD13	19	0.3
(32,1203)	1:21:A:THR:HG21	1:23:A:LEU:HA	14	0.3
(32,1203)	1:21:A:THR:HG22	1:23:A:LEU:HA	14	0.3
(32,1203)	1:21:A:THR:HG23	1:23:A:LEU:HA	14	0.3
(32,925)	1:39:A:VAL:HA	1:43:A:MET:HG3	16	0.3
(32,910)	1:69:A:MET:HG2	1:109:A:PRO:HA	12	0.3
(32,732)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	6	0.3
(32,732)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	6	0.3
(32,732)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	6	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,701)	1:44:A:GLU:HB2	1:54:A:ARG:HE	10	0.3
(32,701)	1:44:A:GLU:HB3	1:54:A:ARG:HE	10	0.3
(32,628)	1:66:A:THR:H	1:69:A:MET:HA	3	0.3
(32,152)	1:127:A:CYS:H	1:128:A:LEU:HB2	12	0.3
(32,61)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3
(32,61)	1:117:A:VAL:H	1:117:A:VAL:HB	15	0.3
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD11	8	0.3
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD12	8	0.3
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD13	8	0.3
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD21	8	0.3
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD22	8	0.3
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD23	8	0.3
(30,2287)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	12	0.3
(30,2287)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	12	0.3
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD11	7	0.3
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD12	7	0.3
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD13	7	0.3
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD21	7	0.3
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD22	7	0.3
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD23	7	0.3
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD11	8	0.3
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD12	8	0.3
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD13	8	0.3
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD21	8	0.3
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD22	8	0.3
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD23	8	0.3
(30,2056)	1:30:A:LEU:HD11	1:31:A:PRO:HG2	10	0.3
(30,2056)	1:30:A:LEU:HD11	1:31:A:PRO:HG3	10	0.3
(30,2056)	1:30:A:LEU:HD12	1:31:A:PRO:HG2	10	0.3
(30,2056)	1:30:A:LEU:HD12	1:31:A:PRO:HG3	10	0.3
(30,2056)	1:30:A:LEU:HD13	1:31:A:PRO:HG2	10	0.3
(30,2056)	1:30:A:LEU:HD13	1:31:A:PRO:HG3	10	0.3
(30,2056)	1:30:A:LEU:HD21	1:31:A:PRO:HG2	10	0.3
(30,2056)	1:30:A:LEU:HD21	1:31:A:PRO:HG3	10	0.3
(30,2056)	1:30:A:LEU:HD22	1:31:A:PRO:HG2	10	0.3
(30,2056)	1:30:A:LEU:HD22	1:31:A:PRO:HG3	10	0.3
(30,2056)	1:30:A:LEU:HD23	1:31:A:PRO:HG2	10	0.3
(30,2056)	1:30:A:LEU:HD23	1:31:A:PRO:HG3	10	0.3
(30,2049)	1:29:A:LYS:HA	1:30:A:LEU:HD11	3	0.3
(30,2049)	1:29:A:LYS:HA	1:30:A:LEU:HD12	3	0.3
(30,2049)	1:29:A:LYS:HA	1:30:A:LEU:HD13	3	0.3
(30,2049)	1:29:A:LYS:HA	1:30:A:LEU:HD21	3	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2049)	1:29:A:LYS:HA	1:30:A:LEU:HD22	3	0.3
(30,2049)	1:29:A:LYS:HA	1:30:A:LEU:HD23	3	0.3
(30,2016)	1:17:A:ASN:HB2	1:18:A:PHE:HD1	19	0.3
(30,2016)	1:17:A:ASN:HB2	1:18:A:PHE:HD2	19	0.3
(30,2016)	1:17:A:ASN:HB3	1:18:A:PHE:HD1	19	0.3
(30,2016)	1:17:A:ASN:HB3	1:18:A:PHE:HD2	19	0.3
(30,1985)	1:14:A:VAL:HB	1:131:A:LEU:HD11	13	0.3
(30,1985)	1:14:A:VAL:HB	1:131:A:LEU:HD12	13	0.3
(30,1985)	1:14:A:VAL:HB	1:131:A:LEU:HD13	13	0.3
(30,1985)	1:14:A:VAL:HB	1:131:A:LEU:HD21	13	0.3
(30,1985)	1:14:A:VAL:HB	1:131:A:LEU:HD22	13	0.3
(30,1985)	1:14:A:VAL:HB	1:131:A:LEU:HD23	13	0.3
(30,1971)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	12	0.3
(30,1971)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	12	0.3
(30,1971)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	12	0.3
(30,1971)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	12	0.3
(30,1971)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	12	0.3
(30,1971)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	12	0.3
(30,1971)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	12	0.3
(30,1971)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	12	0.3
(30,1971)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	12	0.3
(30,1971)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	12	0.3
(30,1971)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	12	0.3
(30,1971)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	12	0.3
(30,1971)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	12	0.3
(30,1971)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	12	0.3
(30,1971)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	12	0.3
(30,1971)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	12	0.3
(30,1971)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	12	0.3
(30,1971)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	12	0.3
(30,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	6	0.3
(30,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	6	0.3
(30,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	6	0.3
(30,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	6	0.3
(30,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	6	0.3
(30,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	6	0.3
(30,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	6	0.3
(30,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	6	0.3
(30,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	6	0.3
(30,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	6	0.3
(30,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	6	0.3
(30,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	6	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	6	0.3
(30,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	6	0.3
(30,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	6	0.3
(30,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	6	0.3
(30,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	6	0.3
(30,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	6	0.3
(30,1928)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	11	0.3
(30,1928)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	11	0.3
(30,1928)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	11	0.3
(30,1928)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	11	0.3
(30,1928)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	11	0.3
(30,1928)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	11	0.3
(30,1857)	1:9:A:PHE:HZ	1:11:A:ILE:HA	18	0.3
(30,1847)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	7	0.3
(30,1847)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	7	0.3
(30,1847)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	7	0.3
(30,1847)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	7	0.3
(30,1847)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	7	0.3
(30,1847)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	7	0.3
(30,1845)	1:80:A:TYR:HE1	1:81:A:GLU:HG2	16	0.3
(30,1845)	1:80:A:TYR:HE1	1:81:A:GLU:HG3	16	0.3
(30,1845)	1:80:A:TYR:HE2	1:81:A:GLU:HG2	16	0.3
(30,1845)	1:80:A:TYR:HE2	1:81:A:GLU:HG3	16	0.3
(30,1842)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	2	0.3
(30,1842)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	2	0.3
(30,1842)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	2	0.3
(30,1690)	1:69:A:MET:HA	1:109:A:PRO:HA	6	0.3
(30,1670)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	3	0.3
(30,1670)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	3	0.3
(30,1670)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	3	0.3
(30,1670)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	3	0.3
(30,1458)	1:15:A:ALA:HB1	1:132:A:ALA:HA	18	0.3
(30,1458)	1:15:A:ALA:HB2	1:132:A:ALA:HA	18	0.3
(30,1458)	1:15:A:ALA:HB3	1:132:A:ALA:HA	18	0.3
(30,1400)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	15	0.3
(30,1400)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	15	0.3
(30,1400)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	15	0.3
(30,1400)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	15	0.3
(30,1400)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	15	0.3
(30,1400)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	15	0.3
(30,1400)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	15	0.3
(30,1400)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	15	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1400)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	15	0.3
(30,1359)	1:39:A:VAL:HG11	1:144:A:LEU:H	13	0.3
(30,1359)	1:39:A:VAL:HG12	1:144:A:LEU:H	13	0.3
(30,1359)	1:39:A:VAL:HG13	1:144:A:LEU:H	13	0.3
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG11	3	0.3
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG12	3	0.3
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG13	3	0.3
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG11	5	0.3
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG12	5	0.3
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG13	5	0.3
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG11	8	0.3
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG12	8	0.3
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG13	8	0.3
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG11	10	0.3
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG12	10	0.3
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG13	10	0.3
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG11	12	0.3
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG12	12	0.3
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG13	12	0.3
(30,1261)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	19	0.3
(30,1261)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	19	0.3
(30,1261)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	19	0.3
(30,1261)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	19	0.3
(30,1261)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	19	0.3
(30,1261)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	19	0.3
(30,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD11	11	0.3
(30,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD12	11	0.3
(30,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD13	11	0.3
(30,1215)	1:110:A:MET:HA	1:113:A:PHE:HB2	15	0.3
(30,1212)	1:11:A:ILE:HD11	1:131:A:LEU:HA	12	0.3
(30,1212)	1:11:A:ILE:HD12	1:131:A:LEU:HA	12	0.3
(30,1212)	1:11:A:ILE:HD13	1:131:A:LEU:HA	12	0.3
(30,1177)	1:129:A:LYS:HA	1:129:A:LYS:HG2	13	0.3
(30,1177)	1:129:A:LYS:HA	1:129:A:LYS:HG2	15	0.3
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD11	5	0.3
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD12	5	0.3
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD13	5	0.3
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD11	12	0.3
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD12	12	0.3
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD13	12	0.3
(30,1153)	1:13:A:ALA:HB1	1:80:A:TYR:HA	11	0.3
(30,1153)	1:13:A:ALA:HB2	1:80:A:TYR:HA	11	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1153)	1:13:A:ALA:HB3	1:80:A:TYR:HA	11	0.3
(30,1146)	1:116:A:GLN:HA	1:119:A:LEU:HG	15	0.3
(30,1113)	1:143:A:TRP:HA	1:143:A:TRP:HE3	13	0.3
(30,1094)	1:116:A:GLN:HA	1:119:A:LEU:HD21	2	0.3
(30,1094)	1:116:A:GLN:HA	1:119:A:LEU:HD22	2	0.3
(30,1094)	1:116:A:GLN:HA	1:119:A:LEU:HD23	2	0.3
(30,1074)	1:101:A:ILE:HG21	1:112:A:GLN:HA	6	0.3
(30,1074)	1:101:A:ILE:HG22	1:112:A:GLN:HA	6	0.3
(30,1074)	1:101:A:ILE:HG23	1:112:A:GLN:HA	6	0.3
(30,1031)	1:11:A:ILE:HA	1:11:A:ILE:HD11	19	0.3
(30,1031)	1:11:A:ILE:HA	1:11:A:ILE:HD12	19	0.3
(30,1031)	1:11:A:ILE:HA	1:11:A:ILE:HD13	19	0.3
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG11	16	0.3
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG12	16	0.3
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG13	16	0.3
(30,954)	1:15:A:ALA:HB1	1:43:A:MET:HB2	11	0.3
(30,954)	1:15:A:ALA:HB2	1:43:A:MET:HB2	11	0.3
(30,954)	1:15:A:ALA:HB3	1:43:A:MET:HB2	11	0.3
(30,934)	1:69:A:MET:HG2	1:109:A:PRO:HA	12	0.3
(30,922)	1:34:A:LYS:H	1:81:A:GLU:HG2	2	0.3
(30,922)	1:34:A:LYS:H	1:81:A:GLU:HG3	2	0.3
(30,922)	1:34:A:LYS:H	1:81:A:GLU:HG2	17	0.3
(30,922)	1:34:A:LYS:H	1:81:A:GLU:HG3	17	0.3
(30,774)	1:101:A:ILE:HD11	1:119:A:LEU:HG	15	0.3
(30,774)	1:101:A:ILE:HD12	1:119:A:LEU:HG	15	0.3
(30,774)	1:101:A:ILE:HD13	1:119:A:LEU:HG	15	0.3
(30,769)	1:101:A:ILE:HD11	1:115:A:ALA:H	5	0.3
(30,769)	1:101:A:ILE:HD12	1:115:A:ALA:H	5	0.3
(30,769)	1:101:A:ILE:HD13	1:115:A:ALA:H	5	0.3
(30,769)	1:101:A:ILE:HD11	1:115:A:ALA:H	16	0.3
(30,769)	1:101:A:ILE:HD12	1:115:A:ALA:H	16	0.3
(30,769)	1:101:A:ILE:HD13	1:115:A:ALA:H	16	0.3
(30,716)	1:44:A:GLU:HB2	1:54:A:ARG:HE	10	0.3
(30,716)	1:44:A:GLU:HB3	1:54:A:ARG:HE	10	0.3
(30,640)	1:66:A:THR:H	1:69:A:MET:HA	3	0.3
(30,318)	1:136:A:CYS:HA	1:140:A:LEU:H	3	0.3
(30,246)	1:23:A:LEU:HD11	1:24:A:ASP:H	5	0.3
(30,246)	1:23:A:LEU:HD12	1:24:A:ASP:H	5	0.3
(30,246)	1:23:A:LEU:HD13	1:24:A:ASP:H	5	0.3
(30,246)	1:23:A:LEU:HD11	1:24:A:ASP:H	10	0.3
(30,246)	1:23:A:LEU:HD12	1:24:A:ASP:H	10	0.3
(30,246)	1:23:A:LEU:HD13	1:24:A:ASP:H	10	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	1	0.3
(30,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	6	0.3
(30,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	6	0.3
(30,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	6	0.3
(30,158)	1:127:A:CYS:H	1:128:A:LEU:HB2	12	0.3
(30,65)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3
(30,65)	1:117:A:VAL:H	1:117:A:VAL:HB	15	0.3
(29,2426)	1:141:A:LYS:HA	1:148:A:CYS:HB2	8	0.3
(29,2426)	1:141:A:LYS:HA	1:148:A:CYS:HB3	8	0.3
(29,2424)	1:140:A:LEU:HD11	1:144:A:LEU:H	17	0.3
(29,2424)	1:140:A:LEU:HD12	1:144:A:LEU:H	17	0.3
(29,2424)	1:140:A:LEU:HD13	1:144:A:LEU:H	17	0.3
(29,2424)	1:140:A:LEU:HD21	1:144:A:LEU:H	17	0.3
(29,2424)	1:140:A:LEU:HD22	1:144:A:LEU:H	17	0.3
(29,2424)	1:140:A:LEU:HD23	1:144:A:LEU:H	17	0.3
(29,2330)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	4	0.3
(29,2330)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	4	0.3
(29,2330)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	4	0.3
(29,2330)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	4	0.3
(29,2330)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	4	0.3
(29,2330)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	4	0.3
(29,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	13	0.3
(29,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	13	0.3
(29,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	13	0.3
(29,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	13	0.3
(29,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	13	0.3
(29,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	13	0.3
(29,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	13	0.3
(29,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	13	0.3
(29,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	13	0.3
(29,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	13	0.3
(29,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	13	0.3
(29,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	13	0.3
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	10	0.3
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	10	0.3
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	10	0.3
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	10	0.3
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	10	0.3
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	10	0.3
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	10	0.3
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	10	0.3
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	10	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	10	0.3
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	10	0.3
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	10	0.3
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	10	0.3
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	10	0.3
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	10	0.3
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	10	0.3
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	10	0.3
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	10	0.3
(29,2271)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	12	0.3
(29,2271)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	12	0.3
(29,2241)	1:69:A:MET:HG2	1:109:A:PRO:HA	19	0.3
(29,2241)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.3
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	12	0.3
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	12	0.3
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	12	0.3
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	12	0.3
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	12	0.3
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	12	0.3
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	19	0.3
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	19	0.3
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	19	0.3
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	19	0.3
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	19	0.3
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	19	0.3
(29,2031)	1:16:A:SER:HB2	1:43:A:MET:HE1	11	0.3
(29,2031)	1:16:A:SER:HB2	1:43:A:MET:HE2	11	0.3
(29,2031)	1:16:A:SER:HB2	1:43:A:MET:HE3	11	0.3
(29,2031)	1:16:A:SER:HB3	1:43:A:MET:HE1	11	0.3
(29,2031)	1:16:A:SER:HB3	1:43:A:MET:HE2	11	0.3
(29,2031)	1:16:A:SER:HB3	1:43:A:MET:HE3	11	0.3
(29,2006)	1:14:A:VAL:HB	1:131:A:LEU:HD11	13	0.3
(29,2006)	1:14:A:VAL:HB	1:131:A:LEU:HD12	13	0.3
(29,2006)	1:14:A:VAL:HB	1:131:A:LEU:HD13	13	0.3
(29,2006)	1:14:A:VAL:HB	1:131:A:LEU:HD21	13	0.3
(29,2006)	1:14:A:VAL:HB	1:131:A:LEU:HD22	13	0.3
(29,2006)	1:14:A:VAL:HB	1:131:A:LEU:HD23	13	0.3
(29,1996)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	15	0.3
(29,1996)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	15	0.3
(29,1996)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	15	0.3
(29,1996)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	15	0.3
(29,1996)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	15	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1996)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	15	0.3
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	11	0.3
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	11	0.3
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	11	0.3
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	11	0.3
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	11	0.3
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	11	0.3
(29,1931)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	12	0.3
(29,1925)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	3	0.3
(29,1925)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	3	0.3
(29,1925)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	3	0.3
(29,1925)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	3	0.3
(29,1925)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	3	0.3
(29,1925)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	3	0.3
(29,1922)	1:151:A:PHE:H	1:151:A:PHE:HD1	8	0.3
(29,1922)	1:151:A:PHE:H	1:151:A:PHE:HD2	8	0.3
(29,1888)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	4	0.3
(29,1888)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	4	0.3
(29,1888)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	4	0.3
(29,1888)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	4	0.3
(29,1888)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	4	0.3
(29,1888)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	4	0.3
(29,1882)	1:18:A:PHE:HA	1:113:A:PHE:HE1	14	0.3
(29,1882)	1:18:A:PHE:HA	1:113:A:PHE:HE2	14	0.3
(29,1868)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	7	0.3
(29,1868)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	7	0.3
(29,1868)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	7	0.3
(29,1868)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	7	0.3
(29,1868)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	7	0.3
(29,1868)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	7	0.3
(29,1866)	1:80:A:TYR:HE1	1:81:A:GLU:HG2	16	0.3
(29,1866)	1:80:A:TYR:HE1	1:81:A:GLU:HG3	16	0.3
(29,1866)	1:80:A:TYR:HE2	1:81:A:GLU:HG2	16	0.3
(29,1866)	1:80:A:TYR:HE2	1:81:A:GLU:HG3	16	0.3
(29,1860)	1:59:A:CYS:HA	1:62:A:HIS:HD2	9	0.3
(29,1828)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	15	0.3
(29,1828)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	15	0.3
(29,1828)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	15	0.3
(29,1828)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	15	0.3
(29,1828)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	15	0.3
(29,1828)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	15	0.3
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	3	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	3	0.3
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	3	0.3
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	3	0.3
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	3	0.3
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	3	0.3
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	7	0.3
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	7	0.3
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	7	0.3
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	7	0.3
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	7	0.3
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	7	0.3
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	14	0.3
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	14	0.3
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	14	0.3
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	14	0.3
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	14	0.3
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	14	0.3
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE1	9	0.3
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE2	9	0.3
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE3	9	0.3
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB2	8	0.3
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB3	8	0.3
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB2	8	0.3
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB3	8	0.3
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB2	8	0.3
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB3	8	0.3
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG21	9	0.3
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG22	9	0.3
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG23	9	0.3
(29,1369)	1:39:A:VAL:HG11	1:144:A:LEU:H	13	0.3
(29,1369)	1:39:A:VAL:HG12	1:144:A:LEU:H	13	0.3
(29,1369)	1:39:A:VAL:HG13	1:144:A:LEU:H	13	0.3
(29,1349)	1:17:A:ASN:HA	1:76:A:ARG:HA	16	0.3
(29,1338)	1:64:A:LYS:HA	1:64:A:LYS:HD2	14	0.3
(29,1338)	1:64:A:LYS:HA	1:64:A:LYS:HD3	14	0.3
(29,1193)	1:129:A:LYS:HA	1:129:A:LYS:HG2	13	0.3
(29,1193)	1:129:A:LYS:HA	1:129:A:LYS:HG2	15	0.3
(29,1138)	1:40:A:LEU:HA	1:44:A:GLU:HB2	16	0.3
(29,1138)	1:40:A:LEU:HA	1:44:A:GLU:HB3	16	0.3
(29,1133)	1:143:A:TRP:HA	1:143:A:TRP:HE3	13	0.3
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB1	18	0.3
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB2	18	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB3	18	0.3
(29,775)	1:53:A:THR:H	1:124:A:THR:HG21	13	0.3
(29,775)	1:53:A:THR:H	1:124:A:THR:HG22	13	0.3
(29,775)	1:53:A:THR:H	1:124:A:THR:HG23	13	0.3
(29,761)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	6	0.3
(29,761)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	6	0.3
(29,761)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	6	0.3
(29,726)	1:44:A:GLU:HB2	1:54:A:ARG:HE	10	0.3
(29,726)	1:44:A:GLU:HB3	1:54:A:ARG:HE	10	0.3
(29,709)	1:144:A:LEU:HD11	1:147:A:ARG:HE	14	0.3
(29,709)	1:144:A:LEU:HD12	1:147:A:ARG:HE	14	0.3
(29,709)	1:144:A:LEU:HD13	1:147:A:ARG:HE	14	0.3
(29,704)	1:98:A:ILE:H	1:100:A:ALA:H	12	0.3
(29,677)	1:116:A:GLN:HG3	1:117:A:VAL:H	15	0.3
(29,374)	1:40:A:LEU:HB3	1:41:A:LYS:H	15	0.3
(29,346)	1:123:A:CYS:H	1:128:A:LEU:HD11	16	0.3
(29,346)	1:123:A:CYS:H	1:128:A:LEU:HD12	16	0.3
(29,346)	1:123:A:CYS:H	1:128:A:LEU:HD13	16	0.3
(29,316)	1:136:A:CYS:HA	1:140:A:LEU:H	3	0.3
(29,83)	1:43:A:MET:HB2	1:45:A:ALA:H	10	0.3
(29,68)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3
(29,68)	1:117:A:VAL:H	1:117:A:VAL:HB	15	0.3
(29,63)	1:117:A:VAL:H	1:118:A:ASP:HB2	2	0.3
(23,20)	1:128:A:LEU:N	1:124:A:THR:O	15	0.3
(23,17)	1:118:A:ASP:N	1:114:A:ILE:O	10	0.3
(23,8)	1:61:A:SER:N	1:57:A:LEU:O	11	0.3
(23,1)	1:17:A:ASN:N	1:13:A:ALA:O	19	0.3
(22,28)	1:115:A:ALA:N	1:111:A:GLU:C	6	0.3
(22,27)	1:115:A:ALA:H	1:111:A:GLU:C	9	0.3
(22,27)	1:115:A:ALA:H	1:111:A:GLU:C	12	0.3
(22,22)	1:107:A:LEU:N	1:103:A:ARG:C	6	0.3
(22,17)	1:73:A:ILE:H	1:69:A:MET:C	11	0.3
(22,16)	1:61:A:SER:N	1:57:A:LEU:C	8	0.3
(22,12)	1:59:A:CYS:N	1:55:A:GLY:C	5	0.3
(22,8)	1:45:A:ALA:N	1:41:A:LYS:C	12	0.3
(22,6)	1:44:A:GLU:N	1:40:A:LEU:C	19	0.3
(22,1)	1:17:A:ASN:H	1:13:A:ALA:C	2	0.3
(18,2453)	1:141:A:LYS:HA	1:148:A:CYS:HB2	8	0.3
(18,2453)	1:141:A:LYS:HA	1:148:A:CYS:HB3	8	0.3
(18,2448)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	14	0.3
(18,2448)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	14	0.3
(18,2448)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	14	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2448)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	14	0.3
(18,2448)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	14	0.3
(18,2448)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	14	0.3
(18,2281)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	13	0.3
(18,2281)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	13	0.3
(18,2281)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	13	0.3
(18,2281)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	13	0.3
(18,2281)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	13	0.3
(18,2281)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	13	0.3
(18,2281)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	13	0.3
(18,2281)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	13	0.3
(18,2281)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	13	0.3
(18,2281)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	13	0.3
(18,2281)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	13	0.3
(18,2281)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	13	0.3
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD11	8	0.3
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD12	8	0.3
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD13	8	0.3
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD21	8	0.3
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD22	8	0.3
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD23	8	0.3
(18,2110)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	17	0.3
(18,2110)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	17	0.3
(18,2110)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	17	0.3
(18,2110)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	17	0.3
(18,2110)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	17	0.3
(18,2110)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	17	0.3
(18,2110)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	17	0.3
(18,2110)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	17	0.3
(18,2110)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	17	0.3
(18,2110)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	17	0.3
(18,2110)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	17	0.3
(18,2110)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	17	0.3
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD11	17	0.3
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD12	17	0.3
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD13	17	0.3
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD21	17	0.3
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD22	17	0.3
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD23	17	0.3
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	12	0.3
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	12	0.3
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	12	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	12	0.3
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	12	0.3
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	12	0.3
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	12	0.3
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	12	0.3
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	12	0.3
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	12	0.3
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	12	0.3
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	12	0.3
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	12	0.3
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	12	0.3
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	12	0.3
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	12	0.3
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	12	0.3
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	12	0.3
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	8	0.3
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	8	0.3
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	8	0.3
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	8	0.3
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	8	0.3
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	8	0.3
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	8	0.3
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	8	0.3
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	8	0.3
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	8	0.3
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	8	0.3
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	8	0.3
(18,2002)	1:15:A:ALA:HB1	1:16:A:SER:HB2	12	0.3
(18,2002)	1:15:A:ALA:HB1	1:16:A:SER:HB3	12	0.3
(18,2002)	1:15:A:ALA:HB2	1:16:A:SER:HB2	12	0.3
(18,2002)	1:15:A:ALA:HB2	1:16:A:SER:HB3	12	0.3
(18,2002)	1:15:A:ALA:HB3	1:16:A:SER:HB2	12	0.3
(18,2002)	1:15:A:ALA:HB3	1:16:A:SER:HB3	12	0.3
(18,1983)	1:14:A:VAL:HB	1:131:A:LEU:HD11	12	0.3
(18,1983)	1:14:A:VAL:HB	1:131:A:LEU:HD12	12	0.3
(18,1983)	1:14:A:VAL:HB	1:131:A:LEU:HD13	12	0.3
(18,1983)	1:14:A:VAL:HB	1:131:A:LEU:HD21	12	0.3
(18,1983)	1:14:A:VAL:HB	1:131:A:LEU:HD22	12	0.3
(18,1983)	1:14:A:VAL:HB	1:131:A:LEU:HD23	12	0.3
(18,1960)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	6	0.3
(18,1960)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	6	0.3
(18,1960)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	6	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1960)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	6	0.3
(18,1960)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	6	0.3
(18,1960)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	6	0.3
(18,1960)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	6	0.3
(18,1960)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	6	0.3
(18,1960)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	6	0.3
(18,1960)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	6	0.3
(18,1960)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	6	0.3
(18,1960)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	6	0.3
(18,1960)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	6	0.3
(18,1960)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	6	0.3
(18,1960)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	6	0.3
(18,1960)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	6	0.3
(18,1960)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	6	0.3
(18,1960)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	6	0.3
(18,1959)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	5	0.3
(18,1959)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	5	0.3
(18,1959)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	5	0.3
(18,1959)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	5	0.3
(18,1959)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	5	0.3
(18,1959)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	5	0.3
(18,1843)	1:9:A:PHE:HZ	1:11:A:ILE:HA	18	0.3
(18,1836)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	7	0.3
(18,1836)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	7	0.3
(18,1836)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	7	0.3
(18,1836)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	7	0.3
(18,1836)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	7	0.3
(18,1836)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	7	0.3
(18,1835)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	16	0.3
(18,1835)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	16	0.3
(18,1835)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	16	0.3
(18,1835)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	16	0.3
(18,1833)	1:80:A:TYR:HE1	1:81:A:GLU:HG2	16	0.3
(18,1833)	1:80:A:TYR:HE1	1:81:A:GLU:HG3	16	0.3
(18,1833)	1:80:A:TYR:HE2	1:81:A:GLU:HG2	16	0.3
(18,1833)	1:80:A:TYR:HE2	1:81:A:GLU:HG3	16	0.3
(18,1830)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	2	0.3
(18,1830)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	2	0.3
(18,1830)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	2	0.3
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	10	0.3
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	10	0.3
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	10	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1782)	1:9:A:PHE:HD1	1:11:A:ILE:HB	7	0.3
(18,1782)	1:9:A:PHE:HD2	1:11:A:ILE:HB	7	0.3
(18,1778)	1:68:A:LYS:HA	1:72:A:PHE:HD1	4	0.3
(18,1778)	1:68:A:LYS:HA	1:72:A:PHE:HD2	4	0.3
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	17	0.3
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	17	0.3
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	17	0.3
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	17	0.3
(18,1744)	1:141:A:LYS:HA	1:149:A:ALA:H	6	0.3
(18,1717)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	5	0.3
(18,1717)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	5	0.3
(18,1717)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	5	0.3
(18,1712)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	12	0.3
(18,1712)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	12	0.3
(18,1712)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	12	0.3
(18,1635)	1:12:A:VAL:HG11	1:15:A:ALA:HB1	18	0.3
(18,1635)	1:12:A:VAL:HG11	1:15:A:ALA:HB2	18	0.3
(18,1635)	1:12:A:VAL:HG11	1:15:A:ALA:HB3	18	0.3
(18,1635)	1:12:A:VAL:HG12	1:15:A:ALA:HB1	18	0.3
(18,1635)	1:12:A:VAL:HG12	1:15:A:ALA:HB2	18	0.3
(18,1635)	1:12:A:VAL:HG12	1:15:A:ALA:HB3	18	0.3
(18,1635)	1:12:A:VAL:HG13	1:15:A:ALA:HB1	18	0.3
(18,1635)	1:12:A:VAL:HG13	1:15:A:ALA:HB2	18	0.3
(18,1635)	1:12:A:VAL:HG13	1:15:A:ALA:HB3	18	0.3
(18,1586)	1:119:A:LEU:H	1:121:A:VAL:HG11	6	0.3
(18,1586)	1:119:A:LEU:H	1:121:A:VAL:HG12	6	0.3
(18,1586)	1:119:A:LEU:H	1:121:A:VAL:HG13	6	0.3
(18,1586)	1:119:A:LEU:H	1:121:A:VAL:HG11	15	0.3
(18,1586)	1:119:A:LEU:H	1:121:A:VAL:HG12	15	0.3
(18,1586)	1:119:A:LEU:H	1:121:A:VAL:HG13	15	0.3
(18,1586)	1:119:A:LEU:H	1:121:A:VAL:HG11	16	0.3
(18,1586)	1:119:A:LEU:H	1:121:A:VAL:HG12	16	0.3
(18,1586)	1:119:A:LEU:H	1:121:A:VAL:HG13	16	0.3
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	3	0.3
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	3	0.3
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	3	0.3
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	3	0.3
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	3	0.3
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	3	0.3
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	7	0.3
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	7	0.3
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	7	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	7	0.3
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	7	0.3
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	7	0.3
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	14	0.3
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	14	0.3
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	14	0.3
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	14	0.3
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	14	0.3
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	14	0.3
(18,1528)	1:110:A:MET:HE1	1:114:A:ILE:HG12	9	0.3
(18,1528)	1:110:A:MET:HE2	1:114:A:ILE:HG12	9	0.3
(18,1528)	1:110:A:MET:HE3	1:114:A:ILE:HG12	9	0.3
(18,1528)	1:110:A:MET:HE1	1:114:A:ILE:HG12	18	0.3
(18,1528)	1:110:A:MET:HE2	1:114:A:ILE:HG12	18	0.3
(18,1528)	1:110:A:MET:HE3	1:114:A:ILE:HG12	18	0.3
(18,1506)	1:69:A:MET:HE1	1:114:A:ILE:H	10	0.3
(18,1506)	1:69:A:MET:HE2	1:114:A:ILE:H	10	0.3
(18,1506)	1:69:A:MET:HE3	1:114:A:ILE:H	10	0.3
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG21	1	0.3
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG22	1	0.3
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG23	1	0.3
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG21	9	0.3
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG22	9	0.3
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG23	9	0.3
(18,1400)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	18	0.3
(18,1400)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	18	0.3
(18,1400)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	18	0.3
(18,1400)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	18	0.3
(18,1400)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	18	0.3
(18,1400)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	18	0.3
(18,1343)	1:141:A:LYS:HB2	1:149:A:ALA:HA	2	0.3
(18,1343)	1:141:A:LYS:HB3	1:149:A:ALA:HA	2	0.3
(18,1322)	1:64:A:LYS:HA	1:64:A:LYS:HD2	14	0.3
(18,1322)	1:64:A:LYS:HA	1:64:A:LYS:HD3	14	0.3
(18,1257)	1:23:A:LEU:HD11	1:24:A:ASP:H	15	0.3
(18,1257)	1:23:A:LEU:HD12	1:24:A:ASP:H	15	0.3
(18,1257)	1:23:A:LEU:HD13	1:24:A:ASP:H	15	0.3
(18,1242)	1:21:A:THR:HG21	1:23:A:LEU:HA	14	0.3
(18,1242)	1:21:A:THR:HG22	1:23:A:LEU:HA	14	0.3
(18,1242)	1:21:A:THR:HG23	1:23:A:LEU:HA	14	0.3
(18,1138)	1:140:A:LEU:HA	1:144:A:LEU:HD11	11	0.3
(18,1138)	1:140:A:LEU:HA	1:144:A:LEU:HD12	11	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1138)	1:140:A:LEU:HA	1:144:A:LEU:HD13	11	0.3
(18,1052)	1:11:A:ILE:HB	1:44:A:GLU:HB2	9	0.3
(18,1052)	1:11:A:ILE:HB	1:44:A:GLU:HB3	9	0.3
(18,970)	1:66:A:THR:H	1:96:A:VAL:HB	2	0.3
(18,927)	1:125:A:THR:HB	1:128:A:LEU:HB2	16	0.3
(18,810)	1:55:A:GLY:H	1:58:A:ILE:HD11	13	0.3
(18,810)	1:55:A:GLY:H	1:58:A:ILE:HD12	13	0.3
(18,810)	1:55:A:GLY:H	1:58:A:ILE:HD13	13	0.3
(18,758)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	3	0.3
(18,758)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	3	0.3
(18,485)	1:48:A:ARG:HA	1:53:A:THR:H	5	0.3
(18,355)	1:122:A:ASP:HB3	1:123:A:CYS:H	16	0.3
(18,327)	1:136:A:CYS:HA	1:140:A:LEU:H	3	0.3
(18,166)	1:95:A:ILE:H	1:95:A:ILE:HB	7	0.3
(18,166)	1:95:A:ILE:H	1:95:A:ILE:HB	12	0.3
(18,158)	1:127:A:CYS:H	1:128:A:LEU:HB2	12	0.3
(18,70)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3
(18,70)	1:117:A:VAL:H	1:117:A:VAL:HB	15	0.3
(18,65)	1:117:A:VAL:H	1:118:A:ASP:HB2	2	0.3
(18,60)	1:11:A:ILE:HD11	1:47:A:ALA:H	10	0.3
(18,60)	1:11:A:ILE:HD12	1:47:A:ALA:H	10	0.3
(18,60)	1:11:A:ILE:HD13	1:47:A:ALA:H	10	0.3
(18,35)	1:96:A:VAL:H	1:96:A:VAL:HB	5	0.3
(18,35)	1:96:A:VAL:H	1:96:A:VAL:HB	16	0.3
(18,11)	1:64:A:LYS:H	1:64:A:LYS:HE2	2	0.3
(18,11)	1:64:A:LYS:H	1:64:A:LYS:HE3	2	0.3
(17,2402)	1:127:A:CYS:HB2	1:128:A:LEU:HD21	2	0.3
(17,2402)	1:127:A:CYS:HB2	1:128:A:LEU:HD22	2	0.3
(17,2402)	1:127:A:CYS:HB2	1:128:A:LEU:HD23	2	0.3
(17,2402)	1:127:A:CYS:HB3	1:128:A:LEU:HD21	2	0.3
(17,2402)	1:127:A:CYS:HB3	1:128:A:LEU:HD22	2	0.3
(17,2402)	1:127:A:CYS:HB3	1:128:A:LEU:HD23	2	0.3
(17,2393)	1:123:A:CYS:HB2	1:127:A:CYS:HB2	2	0.3
(17,2393)	1:123:A:CYS:HB2	1:127:A:CYS:HB3	2	0.3
(17,2393)	1:123:A:CYS:HB3	1:127:A:CYS:HB2	2	0.3
(17,2393)	1:123:A:CYS:HB3	1:127:A:CYS:HB3	2	0.3
(17,2335)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	17	0.3
(17,2335)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	17	0.3
(17,2335)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	17	0.3
(17,2335)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	17	0.3
(17,2335)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	17	0.3
(17,2335)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	17	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2335)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	17	0.3
(17,2335)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	17	0.3
(17,2335)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	17	0.3
(17,2335)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	17	0.3
(17,2335)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	17	0.3
(17,2335)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	17	0.3
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	12	0.3
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	12	0.3
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	12	0.3
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	12	0.3
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	12	0.3
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	12	0.3
(17,2161)	1:43:A:MET:HA	1:134:A:VAL:HG11	16	0.3
(17,2161)	1:43:A:MET:HA	1:134:A:VAL:HG12	16	0.3
(17,2161)	1:43:A:MET:HA	1:134:A:VAL:HG13	16	0.3
(17,2161)	1:43:A:MET:HA	1:134:A:VAL:HG21	16	0.3
(17,2161)	1:43:A:MET:HA	1:134:A:VAL:HG22	16	0.3
(17,2161)	1:43:A:MET:HA	1:134:A:VAL:HG23	16	0.3
(17,2141)	1:40:A:LEU:HA	1:43:A:MET:HG2	15	0.3
(17,2141)	1:40:A:LEU:HA	1:43:A:MET:HG3	15	0.3
(17,2102)	1:37:A:LEU:H	1:40:A:LEU:HB2	15	0.3
(17,2102)	1:37:A:LEU:H	1:40:A:LEU:HB3	15	0.3
(17,2052)	1:23:A:LEU:HD11	1:27:A:ARG:HA	13	0.3
(17,2052)	1:23:A:LEU:HD12	1:27:A:ARG:HA	13	0.3
(17,2052)	1:23:A:LEU:HD13	1:27:A:ARG:HA	13	0.3
(17,2052)	1:23:A:LEU:HD21	1:27:A:ARG:HA	13	0.3
(17,2052)	1:23:A:LEU:HD22	1:27:A:ARG:HA	13	0.3
(17,2052)	1:23:A:LEU:HD23	1:27:A:ARG:HA	13	0.3
(17,2003)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	6	0.3
(17,2003)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	6	0.3
(17,2003)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	6	0.3
(17,2003)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	6	0.3
(17,2003)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	6	0.3
(17,2003)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	6	0.3
(17,2003)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	6	0.3
(17,2003)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	6	0.3
(17,2003)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	6	0.3
(17,2003)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	6	0.3
(17,2003)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	6	0.3
(17,2003)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	6	0.3
(17,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	3	0.3
(17,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	3	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	3	0.3
(17,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	3	0.3
(17,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	3	0.3
(17,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	3	0.3
(17,1897)	1:68:A:LYS:HA	1:72:A:PHE:HE1	5	0.3
(17,1897)	1:68:A:LYS:HA	1:72:A:PHE:HE2	5	0.3
(17,1864)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	7	0.3
(17,1864)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	7	0.3
(17,1864)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	7	0.3
(17,1864)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	7	0.3
(17,1864)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	7	0.3
(17,1864)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	7	0.3
(17,1863)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	16	0.3
(17,1863)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	16	0.3
(17,1863)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	16	0.3
(17,1863)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	16	0.3
(17,1862)	1:80:A:TYR:HE1	1:81:A:GLU:HG2	16	0.3
(17,1862)	1:80:A:TYR:HE1	1:81:A:GLU:HG3	16	0.3
(17,1862)	1:80:A:TYR:HE2	1:81:A:GLU:HG2	16	0.3
(17,1862)	1:80:A:TYR:HE2	1:81:A:GLU:HG3	16	0.3
(17,1812)	1:9:A:PHE:HD1	1:11:A:ILE:HB	7	0.3
(17,1812)	1:9:A:PHE:HD2	1:11:A:ILE:HB	7	0.3
(17,1675)	1:69:A:MET:HE1	1:116:A:GLN:HE21	9	0.3
(17,1675)	1:69:A:MET:HE2	1:116:A:GLN:HE21	9	0.3
(17,1675)	1:69:A:MET:HE3	1:116:A:GLN:HE21	9	0.3
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	7	0.3
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	7	0.3
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	7	0.3
(17,1632)	1:23:A:LEU:HB2	1:24:A:ASP:HA	17	0.3
(17,1632)	1:23:A:LEU:HB3	1:24:A:ASP:HA	17	0.3
(17,1571)	1:138:A:ASP:HB2	1:139:A:LEU:HD21	12	0.3
(17,1571)	1:138:A:ASP:HB2	1:139:A:LEU:HD22	12	0.3
(17,1571)	1:138:A:ASP:HB2	1:139:A:LEU:HD23	12	0.3
(17,1571)	1:138:A:ASP:HB3	1:139:A:LEU:HD21	12	0.3
(17,1571)	1:138:A:ASP:HB3	1:139:A:LEU:HD22	12	0.3
(17,1571)	1:138:A:ASP:HB3	1:139:A:LEU:HD23	12	0.3
(17,1552)	1:69:A:MET:HE1	1:76:A:ARG:HG2	19	0.3
(17,1552)	1:69:A:MET:HE1	1:76:A:ARG:HG3	19	0.3
(17,1552)	1:69:A:MET:HE2	1:76:A:ARG:HG2	19	0.3
(17,1552)	1:69:A:MET:HE2	1:76:A:ARG:HG3	19	0.3
(17,1552)	1:69:A:MET:HE3	1:76:A:ARG:HG2	19	0.3
(17,1552)	1:69:A:MET:HE3	1:76:A:ARG:HG3	19	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1379)	1:39:A:VAL:HG11	1:144:A:LEU:H	13	0.3
(17,1379)	1:39:A:VAL:HG12	1:144:A:LEU:H	13	0.3
(17,1379)	1:39:A:VAL:HG13	1:144:A:LEU:H	13	0.3
(17,1365)	1:141:A:LYS:HB2	1:149:A:ALA:HA	2	0.3
(17,1365)	1:141:A:LYS:HB3	1:149:A:ALA:HA	2	0.3
(17,1356)	1:17:A:ASN:HA	1:76:A:ARG:HA	5	0.3
(17,1342)	1:64:A:LYS:HA	1:64:A:LYS:HD2	14	0.3
(17,1342)	1:64:A:LYS:HA	1:64:A:LYS:HD3	14	0.3
(17,1299)	1:128:A:LEU:HD21	1:129:A:LYS:H	1	0.3
(17,1299)	1:128:A:LEU:HD22	1:129:A:LYS:H	1	0.3
(17,1299)	1:128:A:LEU:HD23	1:129:A:LYS:H	1	0.3
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD21	6	0.3
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD22	6	0.3
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD23	6	0.3
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD21	8	0.3
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD22	8	0.3
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD23	8	0.3
(17,1234)	1:34:A:LYS:H	1:81:A:GLU:HA	7	0.3
(17,1196)	1:100:A:ALA:HB1	1:119:A:LEU:HD21	8	0.3
(17,1196)	1:100:A:ALA:HB1	1:119:A:LEU:HD22	8	0.3
(17,1196)	1:100:A:ALA:HB1	1:119:A:LEU:HD23	8	0.3
(17,1196)	1:100:A:ALA:HB2	1:119:A:LEU:HD21	8	0.3
(17,1196)	1:100:A:ALA:HB2	1:119:A:LEU:HD22	8	0.3
(17,1196)	1:100:A:ALA:HB2	1:119:A:LEU:HD23	8	0.3
(17,1196)	1:100:A:ALA:HB3	1:119:A:LEU:HD21	8	0.3
(17,1196)	1:100:A:ALA:HB3	1:119:A:LEU:HD22	8	0.3
(17,1196)	1:100:A:ALA:HB3	1:119:A:LEU:HD23	8	0.3
(17,1177)	1:140:A:LEU:HD21	1:144:A:LEU:H	2	0.3
(17,1177)	1:140:A:LEU:HD22	1:144:A:LEU:H	2	0.3
(17,1177)	1:140:A:LEU:HD23	1:144:A:LEU:H	2	0.3
(17,1110)	1:116:A:GLN:HA	1:119:A:LEU:HD21	2	0.3
(17,1110)	1:116:A:GLN:HA	1:119:A:LEU:HD22	2	0.3
(17,1110)	1:116:A:GLN:HA	1:119:A:LEU:HD23	2	0.3
(17,1048)	1:11:A:ILE:HA	1:11:A:ILE:HD11	19	0.3
(17,1048)	1:11:A:ILE:HA	1:11:A:ILE:HD12	19	0.3
(17,1048)	1:11:A:ILE:HA	1:11:A:ILE:HD13	19	0.3
(17,1036)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	10	0.3
(17,1036)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	10	0.3
(17,1032)	1:8:A:ASP:H	1:58:A:ILE:HG13	1	0.3
(17,929)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	16	0.3
(17,929)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	16	0.3
(17,929)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	16	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,929)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	16	0.3
(17,875)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	15	0.3
(17,875)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	15	0.3
(17,875)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	15	0.3
(17,873)	1:121:A:VAL:H	1:122:A:ASP:HB2	4	0.3
(17,842)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	13	0.3
(17,842)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	13	0.3
(17,842)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	13	0.3
(17,842)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	13	0.3
(17,842)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	13	0.3
(17,842)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	13	0.3
(17,728)	1:76:A:ARG:HA	1:76:A:ARG:HE	4	0.3
(17,671)	1:116:A:GLN:HG3	1:117:A:VAL:H	15	0.3
(17,643)	1:66:A:THR:H	1:69:A:MET:HA	3	0.3
(17,578)	1:128:A:LEU:HD21	1:130:A:GLY:H	19	0.3
(17,578)	1:128:A:LEU:HD22	1:130:A:GLY:H	19	0.3
(17,578)	1:128:A:LEU:HD23	1:130:A:GLY:H	19	0.3
(17,315)	1:136:A:CYS:HA	1:140:A:LEU:H	3	0.3
(17,230)	1:11:A:ILE:HB	1:44:A:GLU:H	10	0.3
(17,65)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3
(17,65)	1:117:A:VAL:H	1:117:A:VAL:HB	15	0.3
(17,60)	1:34:A:LYS:H	1:81:A:GLU:H	5	0.3
(17,59)	1:117:A:VAL:H	1:118:A:ASP:HB2	2	0.3
(17,55)	1:11:A:ILE:HD11	1:47:A:ALA:H	10	0.3
(17,55)	1:11:A:ILE:HD12	1:47:A:ALA:H	10	0.3
(17,55)	1:11:A:ILE:HD13	1:47:A:ALA:H	10	0.3
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG11	2	0.3
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG12	2	0.3
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG13	2	0.3
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG21	2	0.3
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG22	2	0.3
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG23	2	0.3
(16,2243)	1:70:A:LYS:H	1:70:A:LYS:HD2	6	0.3
(16,2243)	1:70:A:LYS:H	1:70:A:LYS:HD3	6	0.3
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	12	0.3
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	12	0.3
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	12	0.3
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	12	0.3
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	12	0.3
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	12	0.3
(16,2151)	1:43:A:MET:HE1	1:131:A:LEU:HB2	1	0.3
(16,2151)	1:43:A:MET:HE1	1:131:A:LEU:HB3	1	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2151)	1:43:A:MET:HE2	1:131:A:LEU:HB2	1	0.3
(16,2151)	1:43:A:MET:HE2	1:131:A:LEU:HB3	1	0.3
(16,2151)	1:43:A:MET:HE3	1:131:A:LEU:HB2	1	0.3
(16,2151)	1:43:A:MET:HE3	1:131:A:LEU:HB3	1	0.3
(16,2057)	1:30:A:LEU:HD11	1:31:A:PRO:HG2	10	0.3
(16,2057)	1:30:A:LEU:HD11	1:31:A:PRO:HG3	10	0.3
(16,2057)	1:30:A:LEU:HD12	1:31:A:PRO:HG2	10	0.3
(16,2057)	1:30:A:LEU:HD12	1:31:A:PRO:HG3	10	0.3
(16,2057)	1:30:A:LEU:HD13	1:31:A:PRO:HG2	10	0.3
(16,2057)	1:30:A:LEU:HD13	1:31:A:PRO:HG3	10	0.3
(16,2057)	1:30:A:LEU:HD21	1:31:A:PRO:HG2	10	0.3
(16,2057)	1:30:A:LEU:HD21	1:31:A:PRO:HG3	10	0.3
(16,2057)	1:30:A:LEU:HD22	1:31:A:PRO:HG2	10	0.3
(16,2057)	1:30:A:LEU:HD22	1:31:A:PRO:HG3	10	0.3
(16,2057)	1:30:A:LEU:HD23	1:31:A:PRO:HG2	10	0.3
(16,2057)	1:30:A:LEU:HD23	1:31:A:PRO:HG3	10	0.3
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	12	0.3
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	12	0.3
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	12	0.3
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	12	0.3
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	12	0.3
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	12	0.3
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	12	0.3
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	12	0.3
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	12	0.3
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	12	0.3
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	12	0.3
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	12	0.3
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	12	0.3
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	12	0.3
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	12	0.3
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	12	0.3
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	12	0.3
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	12	0.3
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD11	10	0.3
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD12	10	0.3
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD13	10	0.3
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD21	10	0.3
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD22	10	0.3
(16,1955)	1:12:A:VAL:H	1:144:A:LEU:HD23	10	0.3
(16,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	6	0.3
(16,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	6	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	6	0.3
(16,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	6	0.3
(16,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	6	0.3
(16,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	6	0.3
(16,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	6	0.3
(16,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	6	0.3
(16,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	6	0.3
(16,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	6	0.3
(16,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	6	0.3
(16,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	6	0.3
(16,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	6	0.3
(16,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	6	0.3
(16,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	6	0.3
(16,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	6	0.3
(16,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	6	0.3
(16,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	6	0.3
(16,1920)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	6	0.3
(16,1920)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	6	0.3
(16,1918)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	15	0.3
(16,1918)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	15	0.3
(16,1918)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	15	0.3
(16,1918)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	15	0.3
(16,1904)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	9	0.3
(16,1904)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	9	0.3
(16,1904)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	9	0.3
(16,1868)	1:68:A:LYS:HA	1:72:A:PHE:HE1	5	0.3
(16,1868)	1:68:A:LYS:HA	1:72:A:PHE:HE2	5	0.3
(16,1858)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	4	0.3
(16,1858)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	4	0.3
(16,1858)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	4	0.3
(16,1858)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	4	0.3
(16,1858)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	4	0.3
(16,1858)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	4	0.3
(16,1851)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	10	0.3
(16,1851)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	10	0.3
(16,1836)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	7	0.3
(16,1836)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	7	0.3
(16,1836)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	7	0.3
(16,1836)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	7	0.3
(16,1836)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	7	0.3
(16,1836)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	7	0.3
(16,1833)	1:80:A:TYR:HE1	1:81:A:GLU:HG2	16	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1833)	1:80:A:TYR:HE1	1:81:A:GLU:HG3	16	0.3
(16,1833)	1:80:A:TYR:HE2	1:81:A:GLU:HG2	16	0.3
(16,1833)	1:80:A:TYR:HE2	1:81:A:GLU:HG3	16	0.3
(16,1832)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	2	0.3
(16,1832)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	2	0.3
(16,1832)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	2	0.3
(16,1826)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	1	0.3
(16,1826)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	1	0.3
(16,1826)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	1	0.3
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	10	0.3
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	10	0.3
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	10	0.3
(16,1760)	1:97:A:ASP:HA	1:105:A:LYS:HA	3	0.3
(16,1729)	1:98:A:ILE:HG21	1:102:A:PRO:HD3	5	0.3
(16,1729)	1:98:A:ILE:HG22	1:102:A:PRO:HD3	5	0.3
(16,1729)	1:98:A:ILE:HG23	1:102:A:PRO:HD3	5	0.3
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG21	1	0.3
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG22	1	0.3
(16,1713)	1:31:A:PRO:HG2	1:79:A:THR:HG23	1	0.3
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG21	1	0.3
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG22	1	0.3
(16,1713)	1:31:A:PRO:HG3	1:79:A:THR:HG23	1	0.3
(16,1678)	1:69:A:MET:HA	1:109:A:PRO:HA	6	0.3
(16,1590)	1:119:A:LEU:H	1:121:A:VAL:HG11	6	0.3
(16,1590)	1:119:A:LEU:H	1:121:A:VAL:HG12	6	0.3
(16,1590)	1:119:A:LEU:H	1:121:A:VAL:HG13	6	0.3
(16,1590)	1:119:A:LEU:H	1:121:A:VAL:HG11	15	0.3
(16,1590)	1:119:A:LEU:H	1:121:A:VAL:HG12	15	0.3
(16,1590)	1:119:A:LEU:H	1:121:A:VAL:HG13	15	0.3
(16,1590)	1:119:A:LEU:H	1:121:A:VAL:HG11	16	0.3
(16,1590)	1:119:A:LEU:H	1:121:A:VAL:HG12	16	0.3
(16,1590)	1:119:A:LEU:H	1:121:A:VAL:HG13	16	0.3
(16,1557)	1:11:A:ILE:HD11	1:18:A:PHE:HD1	9	0.3
(16,1557)	1:11:A:ILE:HD11	1:18:A:PHE:HD2	9	0.3
(16,1557)	1:11:A:ILE:HD12	1:18:A:PHE:HD1	9	0.3
(16,1557)	1:11:A:ILE:HD12	1:18:A:PHE:HD2	9	0.3
(16,1557)	1:11:A:ILE:HD13	1:18:A:PHE:HD1	9	0.3
(16,1557)	1:11:A:ILE:HD13	1:18:A:PHE:HD2	9	0.3
(16,1530)	1:69:A:MET:HE1	1:76:A:ARG:HB3	11	0.3
(16,1530)	1:69:A:MET:HE2	1:76:A:ARG:HB3	11	0.3
(16,1530)	1:69:A:MET:HE3	1:76:A:ARG:HB3	11	0.3
(16,1420)	1:73:A:ILE:HG21	1:110:A:MET:HG2	5	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1420)	1:73:A:ILE:HG21	1:110:A:MET:HG3	5	0.3
(16,1420)	1:73:A:ILE:HG22	1:110:A:MET:HG2	5	0.3
(16,1420)	1:73:A:ILE:HG22	1:110:A:MET:HG3	5	0.3
(16,1420)	1:73:A:ILE:HG23	1:110:A:MET:HG2	5	0.3
(16,1420)	1:73:A:ILE:HG23	1:110:A:MET:HG3	5	0.3
(16,1418)	1:69:A:MET:HA	1:73:A:ILE:HG21	3	0.3
(16,1418)	1:69:A:MET:HA	1:73:A:ILE:HG22	3	0.3
(16,1418)	1:69:A:MET:HA	1:73:A:ILE:HG23	3	0.3
(16,1367)	1:39:A:VAL:HG11	1:144:A:LEU:H	13	0.3
(16,1367)	1:39:A:VAL:HG12	1:144:A:LEU:H	13	0.3
(16,1367)	1:39:A:VAL:HG13	1:144:A:LEU:H	13	0.3
(16,1241)	1:21:A:THR:HG21	1:23:A:LEU:HA	14	0.3
(16,1241)	1:21:A:THR:HG22	1:23:A:LEU:HA	14	0.3
(16,1241)	1:21:A:THR:HG23	1:23:A:LEU:HA	14	0.3
(16,1185)	1:116:A:GLN:HA	1:119:A:LEU:HD21	2	0.3
(16,1185)	1:116:A:GLN:HA	1:119:A:LEU:HD22	2	0.3
(16,1185)	1:116:A:GLN:HA	1:119:A:LEU:HD23	2	0.3
(16,1136)	1:40:A:LEU:HA	1:43:A:MET:HG3	3	0.3
(16,1132)	1:143:A:TRP:HA	1:143:A:TRP:HE3	13	0.3
(16,1096)	1:101:A:ILE:HG21	1:112:A:GLN:HA	6	0.3
(16,1096)	1:101:A:ILE:HG22	1:112:A:GLN:HA	6	0.3
(16,1096)	1:101:A:ILE:HG23	1:112:A:GLN:HA	6	0.3
(16,1058)	1:11:A:ILE:HA	1:11:A:ILE:HD11	19	0.3
(16,1058)	1:11:A:ILE:HA	1:11:A:ILE:HD12	19	0.3
(16,1058)	1:11:A:ILE:HA	1:11:A:ILE:HD13	19	0.3
(16,912)	1:54:A:ARG:HA	1:58:A:ILE:HB	6	0.3
(16,869)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	15	0.3
(16,869)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	15	0.3
(16,846)	1:45:A:ALA:HA	1:48:A:ARG:HD2	10	0.3
(16,846)	1:45:A:ALA:HA	1:48:A:ARG:HD3	10	0.3
(16,812)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	7	0.3
(16,812)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	7	0.3
(16,812)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	7	0.3
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	18	0.3
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	18	0.3
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	18	0.3
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	18	0.3
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	18	0.3
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	18	0.3
(16,793)	1:63:A:ILE:HD11	1:64:A:LYS:H	12	0.3
(16,793)	1:63:A:ILE:HD12	1:64:A:LYS:H	12	0.3
(16,793)	1:63:A:ILE:HD13	1:64:A:LYS:H	12	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,793)	1:63:A:ILE:HD11	1:64:A:LYS:H	16	0.3
(16,793)	1:63:A:ILE:HD12	1:64:A:LYS:H	16	0.3
(16,793)	1:63:A:ILE:HD13	1:64:A:LYS:H	16	0.3
(16,787)	1:101:A:ILE:HD11	1:119:A:LEU:HG	15	0.3
(16,787)	1:101:A:ILE:HD12	1:119:A:LEU:HG	15	0.3
(16,787)	1:101:A:ILE:HD13	1:119:A:LEU:HG	15	0.3
(16,782)	1:101:A:ILE:HD11	1:115:A:ALA:H	5	0.3
(16,782)	1:101:A:ILE:HD12	1:115:A:ALA:H	5	0.3
(16,782)	1:101:A:ILE:HD13	1:115:A:ALA:H	5	0.3
(16,782)	1:101:A:ILE:HD11	1:115:A:ALA:H	16	0.3
(16,782)	1:101:A:ILE:HD12	1:115:A:ALA:H	16	0.3
(16,782)	1:101:A:ILE:HD13	1:115:A:ALA:H	16	0.3
(16,758)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	6	0.3
(16,758)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	6	0.3
(16,758)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	6	0.3
(16,753)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	3	0.3
(16,753)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	3	0.3
(16,732)	1:76:A:ARG:HA	1:76:A:ARG:HE	4	0.3
(16,720)	1:44:A:GLU:HB2	1:48:A:ARG:HE	19	0.3
(16,720)	1:44:A:GLU:HB3	1:48:A:ARG:HE	19	0.3
(16,645)	1:66:A:THR:H	1:69:A:MET:HA	3	0.3
(16,355)	1:73:A:ILE:HD11	1:111:A:GLU:H	6	0.3
(16,355)	1:73:A:ILE:HD12	1:111:A:GLU:H	6	0.3
(16,355)	1:73:A:ILE:HD13	1:111:A:GLU:H	6	0.3
(16,355)	1:73:A:ILE:HD11	1:111:A:GLU:H	16	0.3
(16,355)	1:73:A:ILE:HD12	1:111:A:GLU:H	16	0.3
(16,355)	1:73:A:ILE:HD13	1:111:A:GLU:H	16	0.3
(16,323)	1:121:A:VAL:H	1:122:A:ASP:HA	2	0.3
(16,221)	1:108:A:GLU:H	1:111:A:GLU:HG3	6	0.3
(16,193)	1:58:A:ILE:HG21	1:60:A:LEU:H	2	0.3
(16,193)	1:58:A:ILE:HG22	1:60:A:LEU:H	2	0.3
(16,193)	1:58:A:ILE:HG23	1:60:A:LEU:H	2	0.3
(16,160)	1:50:A:ALA:HB1	1:127:A:CYS:H	16	0.3
(16,160)	1:50:A:ALA:HB2	1:127:A:CYS:H	16	0.3
(16,160)	1:50:A:ALA:HB3	1:127:A:CYS:H	16	0.3
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG21	6	0.3
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG22	6	0.3
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG23	6	0.3
(16,64)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3
(16,64)	1:117:A:VAL:H	1:117:A:VAL:HB	15	0.3
(16,12)	1:64:A:LYS:H	1:64:A:LYS:HE2	2	0.3
(16,12)	1:64:A:LYS:H	1:64:A:LYS:HE3	2	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,9)	1:63:A:ILE:HG13	1:64:A:LYS:H	16	0.3
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB2	2	0.3
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB3	2	0.3
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB2	2	0.3
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB3	2	0.3
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB2	2	0.3
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB3	2	0.3
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB2	2	0.3
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB3	2	0.3
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB2	2	0.3
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB3	2	0.3
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB2	2	0.3
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB3	2	0.3
(15,2465)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	14	0.3
(15,2465)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	14	0.3
(15,2465)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	14	0.3
(15,2465)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	14	0.3
(15,2465)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	14	0.3
(15,2465)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	14	0.3
(15,2319)	1:107:A:LEU:HB2	1:111:A:GLU:HG2	15	0.3
(15,2319)	1:107:A:LEU:HB2	1:111:A:GLU:HG3	15	0.3
(15,2319)	1:107:A:LEU:HB3	1:111:A:GLU:HG2	15	0.3
(15,2319)	1:107:A:LEU:HB3	1:111:A:GLU:HG3	15	0.3
(15,2306)	1:105:A:LYS:H	1:105:A:LYS:HG2	13	0.3
(15,2306)	1:105:A:LYS:H	1:105:A:LYS:HG3	13	0.3
(15,2264)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	12	0.3
(15,2264)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	12	0.3
(15,2237)	1:70:A:LYS:HG2	1:71:A:LYS:H	11	0.3
(15,2237)	1:70:A:LYS:HG3	1:71:A:LYS:H	11	0.3
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG11	14	0.3
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG12	14	0.3
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG13	14	0.3
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG21	14	0.3
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG22	14	0.3
(15,2148)	1:50:A:ALA:H	1:134:A:VAL:HG23	14	0.3
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	12	0.3
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	12	0.3
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	12	0.3
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	12	0.3
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	12	0.3
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	12	0.3
(15,2107)	1:41:A:LYS:HA	1:44:A:GLU:HG2	9	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2107)	1:41:A:LYS:HA	1:44:A:GLU:HG3	9	0.3
(15,2056)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	19	0.3
(15,2056)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	19	0.3
(15,2056)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	19	0.3
(15,2056)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	19	0.3
(15,2056)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	19	0.3
(15,2056)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	19	0.3
(15,1960)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	6	0.3
(15,1960)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	6	0.3
(15,1960)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	6	0.3
(15,1960)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	6	0.3
(15,1960)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	6	0.3
(15,1960)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	6	0.3
(15,1960)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	6	0.3
(15,1960)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	6	0.3
(15,1960)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	6	0.3
(15,1960)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	6	0.3
(15,1960)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	6	0.3
(15,1960)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	6	0.3
(15,1954)	1:14:A:VAL:HB	1:131:A:LEU:HD11	13	0.3
(15,1954)	1:14:A:VAL:HB	1:131:A:LEU:HD12	13	0.3
(15,1954)	1:14:A:VAL:HB	1:131:A:LEU:HD13	13	0.3
(15,1954)	1:14:A:VAL:HB	1:131:A:LEU:HD21	13	0.3
(15,1954)	1:14:A:VAL:HB	1:131:A:LEU:HD22	13	0.3
(15,1954)	1:14:A:VAL:HB	1:131:A:LEU:HD23	13	0.3
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD11	5	0.3
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD12	5	0.3
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD13	5	0.3
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD21	5	0.3
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD22	5	0.3
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD23	5	0.3
(15,1942)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	6	0.3
(15,1942)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	6	0.3
(15,1942)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	6	0.3
(15,1942)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	6	0.3
(15,1942)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	6	0.3
(15,1942)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	6	0.3
(15,1942)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	6	0.3
(15,1942)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	6	0.3
(15,1942)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	6	0.3
(15,1942)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	6	0.3
(15,1942)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	6	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1942)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	6	0.3
(15,1942)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	6	0.3
(15,1942)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	6	0.3
(15,1942)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	6	0.3
(15,1942)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	6	0.3
(15,1942)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	6	0.3
(15,1942)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	6	0.3
(15,1940)	1:11:A:ILE:HG13	1:57:A:LEU:HD11	15	0.3
(15,1940)	1:11:A:ILE:HG13	1:57:A:LEU:HD12	15	0.3
(15,1940)	1:11:A:ILE:HG13	1:57:A:LEU:HD13	15	0.3
(15,1940)	1:11:A:ILE:HG13	1:57:A:LEU:HD21	15	0.3
(15,1940)	1:11:A:ILE:HG13	1:57:A:LEU:HD22	15	0.3
(15,1940)	1:11:A:ILE:HG13	1:57:A:LEU:HD23	15	0.3
(15,1882)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	3	0.3
(15,1882)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	3	0.3
(15,1882)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	3	0.3
(15,1882)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	3	0.3
(15,1882)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	3	0.3
(15,1882)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	3	0.3
(15,1832)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	7	0.3
(15,1832)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	7	0.3
(15,1832)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	7	0.3
(15,1832)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	7	0.3
(15,1832)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	7	0.3
(15,1832)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	7	0.3
(15,1803)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	11	0.3
(15,1803)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	11	0.3
(15,1803)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	11	0.3
(15,1803)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	11	0.3
(15,1803)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	11	0.3
(15,1803)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	11	0.3
(15,1786)	1:9:A:PHE:HD1	1:11:A:ILE:HB	7	0.3
(15,1786)	1:9:A:PHE:HD2	1:11:A:ILE:HB	7	0.3
(15,1750)	1:141:A:LYS:HA	1:149:A:ALA:H	6	0.3
(15,1680)	1:69:A:MET:HA	1:109:A:PRO:HA	6	0.3
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	7	0.3
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	7	0.3
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	7	0.3
(15,1590)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	5	0.3
(15,1590)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	5	0.3
(15,1590)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	5	0.3
(15,1590)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	19	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1590)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	19	0.3
(15,1590)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	19	0.3
(15,1329)	1:64:A:LYS:HA	1:64:A:LYS:HD2	14	0.3
(15,1329)	1:64:A:LYS:HA	1:64:A:LYS:HD3	14	0.3
(15,1221)	1:110:A:MET:HA	1:113:A:PHE:HB2	15	0.3
(15,1179)	1:116:A:GLN:HA	1:119:A:LEU:HD21	2	0.3
(15,1179)	1:116:A:GLN:HA	1:119:A:LEU:HD22	2	0.3
(15,1179)	1:116:A:GLN:HA	1:119:A:LEU:HD23	2	0.3
(15,1153)	1:13:A:ALA:HB1	1:80:A:TYR:HA	11	0.3
(15,1153)	1:13:A:ALA:HB2	1:80:A:TYR:HA	11	0.3
(15,1153)	1:13:A:ALA:HB3	1:80:A:TYR:HA	11	0.3
(15,992)	1:12:A:VAL:HB	1:40:A:LEU:H	18	0.3
(15,926)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	19	0.3
(15,926)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	19	0.3
(15,926)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	19	0.3
(15,926)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	19	0.3
(15,914)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	2	0.3
(15,914)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	2	0.3
(15,914)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	2	0.3
(15,914)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	11	0.3
(15,914)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	11	0.3
(15,914)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	11	0.3
(15,786)	1:101:A:ILE:HD11	1:119:A:LEU:HG	1	0.3
(15,786)	1:101:A:ILE:HD12	1:119:A:LEU:HG	1	0.3
(15,786)	1:101:A:ILE:HD13	1:119:A:LEU:HG	1	0.3
(15,750)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	6	0.3
(15,750)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	6	0.3
(15,750)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	6	0.3
(15,714)	1:44:A:GLU:HB2	1:48:A:ARG:HE	19	0.3
(15,714)	1:44:A:GLU:HB3	1:48:A:ARG:HE	19	0.3
(15,709)	1:23:A:LEU:HD21	1:27:A:ARG:HE	14	0.3
(15,709)	1:23:A:LEU:HD22	1:27:A:ARG:HE	14	0.3
(15,709)	1:23:A:LEU:HD23	1:27:A:ARG:HE	14	0.3
(15,703)	1:144:A:LEU:HD11	1:147:A:ARG:HE	14	0.3
(15,703)	1:144:A:LEU:HD12	1:147:A:ARG:HE	14	0.3
(15,703)	1:144:A:LEU:HD13	1:147:A:ARG:HE	14	0.3
(15,648)	1:66:A:THR:H	1:69:A:MET:HA	3	0.3
(15,470)	1:14:A:VAL:H	1:14:A:VAL:HB	14	0.3
(15,321)	1:136:A:CYS:HA	1:140:A:LEU:H	3	0.3
(15,69)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3
(15,69)	1:117:A:VAL:H	1:117:A:VAL:HB	15	0.3
(15,14)	1:64:A:LYS:H	1:116:A:GLN:HG2	13	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2388)	1:127:A:CYS:HB2	1:128:A:LEU:HD21	2	0.3
(13,2388)	1:127:A:CYS:HB2	1:128:A:LEU:HD22	2	0.3
(13,2388)	1:127:A:CYS:HB2	1:128:A:LEU:HD23	2	0.3
(13,2388)	1:127:A:CYS:HB3	1:128:A:LEU:HD21	2	0.3
(13,2388)	1:127:A:CYS:HB3	1:128:A:LEU:HD22	2	0.3
(13,2388)	1:127:A:CYS:HB3	1:128:A:LEU:HD23	2	0.3
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG11	15	0.3
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG12	15	0.3
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG13	15	0.3
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG21	15	0.3
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG22	15	0.3
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG23	15	0.3
(13,2144)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	12	0.3
(13,2144)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	12	0.3
(13,2144)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	12	0.3
(13,2144)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	12	0.3
(13,2144)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	12	0.3
(13,2144)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	12	0.3
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	12	0.3
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	12	0.3
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	12	0.3
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	12	0.3
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	12	0.3
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	12	0.3
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	12	0.3
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	12	0.3
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	12	0.3
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	12	0.3
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	12	0.3
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	12	0.3
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	12	0.3
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	12	0.3
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	12	0.3
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	12	0.3
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	12	0.3
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	12	0.3
(13,1983)	1:18:A:PHE:HD1	1:60:A:LEU:HD11	14	0.3
(13,1983)	1:18:A:PHE:HD1	1:60:A:LEU:HD12	14	0.3
(13,1983)	1:18:A:PHE:HD1	1:60:A:LEU:HD13	14	0.3
(13,1983)	1:18:A:PHE:HD1	1:60:A:LEU:HD21	14	0.3
(13,1983)	1:18:A:PHE:HD1	1:60:A:LEU:HD22	14	0.3
(13,1983)	1:18:A:PHE:HD1	1:60:A:LEU:HD23	14	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1983)	1:18:A:PHE:HD2	1:60:A:LEU:HD11	14	0.3
(13,1983)	1:18:A:PHE:HD2	1:60:A:LEU:HD12	14	0.3
(13,1983)	1:18:A:PHE:HD2	1:60:A:LEU:HD13	14	0.3
(13,1983)	1:18:A:PHE:HD2	1:60:A:LEU:HD21	14	0.3
(13,1983)	1:18:A:PHE:HD2	1:60:A:LEU:HD22	14	0.3
(13,1983)	1:18:A:PHE:HD2	1:60:A:LEU:HD23	14	0.3
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	3	0.3
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	3	0.3
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	3	0.3
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	3	0.3
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	3	0.3
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	3	0.3
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	3	0.3
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	3	0.3
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	3	0.3
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	3	0.3
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	3	0.3
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	3	0.3
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	3	0.3
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	3	0.3
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	3	0.3
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	3	0.3
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	3	0.3
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	3	0.3
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	3	0.3
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	3	0.3
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	3	0.3
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	3	0.3
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	3	0.3
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	3	0.3
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	3	0.3
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	3	0.3
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	3	0.3
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	3	0.3
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	3	0.3
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	3	0.3
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	3	0.3
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	3	0.3
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	3	0.3
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	3	0.3
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	3	0.3
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	3	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1953)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	1	0.3
(13,1953)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	1	0.3
(13,1953)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	1	0.3
(13,1953)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	1	0.3
(13,1953)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	1	0.3
(13,1953)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	1	0.3
(13,1952)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	1	0.3
(13,1952)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	1	0.3
(13,1952)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	1	0.3
(13,1952)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	1	0.3
(13,1952)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	1	0.3
(13,1952)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	1	0.3
(13,1952)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	1	0.3
(13,1952)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	1	0.3
(13,1952)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	1	0.3
(13,1952)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	1	0.3
(13,1952)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	1	0.3
(13,1952)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	1	0.3
(13,1951)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	6	0.3
(13,1951)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	6	0.3
(13,1951)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	6	0.3
(13,1951)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	6	0.3
(13,1951)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	6	0.3
(13,1951)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	6	0.3
(13,1951)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	6	0.3
(13,1951)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	6	0.3
(13,1951)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	6	0.3
(13,1951)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	6	0.3
(13,1951)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	6	0.3
(13,1951)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	6	0.3
(13,1940)	1:13:A:ALA:H	1:14:A:VAL:HG11	5	0.3
(13,1940)	1:13:A:ALA:H	1:14:A:VAL:HG12	5	0.3
(13,1940)	1:13:A:ALA:H	1:14:A:VAL:HG13	5	0.3
(13,1940)	1:13:A:ALA:H	1:14:A:VAL:HG21	5	0.3
(13,1940)	1:13:A:ALA:H	1:14:A:VAL:HG22	5	0.3
(13,1940)	1:13:A:ALA:H	1:14:A:VAL:HG23	5	0.3
(13,1804)	1:80:A:TYR:HE1	1:81:A:GLU:HG2	16	0.3
(13,1804)	1:80:A:TYR:HE1	1:81:A:GLU:HG3	16	0.3
(13,1804)	1:80:A:TYR:HE2	1:81:A:GLU:HG2	16	0.3
(13,1804)	1:80:A:TYR:HE2	1:81:A:GLU:HG3	16	0.3
(13,1783)	1:9:A:PHE:HZ	1:54:A:ARG:HA	4	0.3
(13,1728)	1:141:A:LYS:HA	1:149:A:ALA:H	6	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	3	0.3
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	3	0.3
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	3	0.3
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	3	0.3
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	3	0.3
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	3	0.3
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	7	0.3
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	7	0.3
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	7	0.3
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	7	0.3
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	7	0.3
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	7	0.3
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	14	0.3
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	14	0.3
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	14	0.3
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	14	0.3
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	14	0.3
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	14	0.3
(13,1555)	1:98:A:ILE:HG21	1:116:A:GLN:H	19	0.3
(13,1555)	1:98:A:ILE:HG22	1:116:A:GLN:H	19	0.3
(13,1555)	1:98:A:ILE:HG23	1:116:A:GLN:H	19	0.3
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG2	2	0.3
(13,1434)	1:15:A:ALA:HB1	1:31:A:PRO:HG3	2	0.3
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG2	2	0.3
(13,1434)	1:15:A:ALA:HB2	1:31:A:PRO:HG3	2	0.3
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG2	2	0.3
(13,1434)	1:15:A:ALA:HB3	1:31:A:PRO:HG3	2	0.3
(13,1265)	1:128:A:LEU:HD21	1:129:A:LYS:H	1	0.3
(13,1265)	1:128:A:LEU:HD22	1:129:A:LYS:H	1	0.3
(13,1265)	1:128:A:LEU:HD23	1:129:A:LYS:H	1	0.3
(13,1227)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	19	0.3
(13,1227)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	19	0.3
(13,1227)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	19	0.3
(13,1227)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	19	0.3
(13,1227)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	19	0.3
(13,1227)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	19	0.3
(13,1227)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	19	0.3
(13,1227)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	19	0.3
(13,1227)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	19	0.3
(13,1211)	1:21:A:THR:HG21	1:23:A:LEU:HA	14	0.3
(13,1211)	1:21:A:THR:HG22	1:23:A:LEU:HA	14	0.3
(13,1211)	1:21:A:THR:HG23	1:23:A:LEU:HA	14	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1205)	1:140:A:LEU:HA	1:144:A:LEU:HD11	11	0.3
(13,1205)	1:140:A:LEU:HA	1:144:A:LEU:HD12	11	0.3
(13,1205)	1:140:A:LEU:HA	1:144:A:LEU:HD13	11	0.3
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD11	9	0.3
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD12	9	0.3
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD13	9	0.3
(13,1156)	1:116:A:GLN:HA	1:119:A:LEU:HD21	2	0.3
(13,1156)	1:116:A:GLN:HA	1:119:A:LEU:HD22	2	0.3
(13,1156)	1:116:A:GLN:HA	1:119:A:LEU:HD23	2	0.3
(13,1131)	1:13:A:ALA:HB1	1:80:A:TYR:HA	11	0.3
(13,1131)	1:13:A:ALA:HB2	1:80:A:TYR:HA	11	0.3
(13,1131)	1:13:A:ALA:HB3	1:80:A:TYR:HA	11	0.3
(13,1066)	1:101:A:ILE:HG21	1:112:A:GLN:HA	6	0.3
(13,1066)	1:101:A:ILE:HG22	1:112:A:GLN:HA	6	0.3
(13,1066)	1:101:A:ILE:HG23	1:112:A:GLN:HA	6	0.3
(13,997)	1:34:A:LYS:H	1:81:A:GLU:HB2	12	0.3
(13,935)	1:39:A:VAL:HA	1:43:A:MET:HG3	16	0.3
(13,920)	1:69:A:MET:HG2	1:109:A:PRO:HA	12	0.3
(13,908)	1:34:A:LYS:H	1:81:A:GLU:HG2	2	0.3
(13,908)	1:34:A:LYS:H	1:81:A:GLU:HG3	2	0.3
(13,908)	1:34:A:LYS:H	1:81:A:GLU:HG2	17	0.3
(13,908)	1:34:A:LYS:H	1:81:A:GLU:HG3	17	0.3
(13,901)	1:125:A:THR:HB	1:128:A:LEU:HB2	16	0.3
(13,760)	1:101:A:ILE:HD11	1:115:A:ALA:H	5	0.3
(13,760)	1:101:A:ILE:HD12	1:115:A:ALA:H	5	0.3
(13,760)	1:101:A:ILE:HD13	1:115:A:ALA:H	5	0.3
(13,760)	1:101:A:ILE:HD11	1:115:A:ALA:H	16	0.3
(13,760)	1:101:A:ILE:HD12	1:115:A:ALA:H	16	0.3
(13,760)	1:101:A:ILE:HD13	1:115:A:ALA:H	16	0.3
(13,732)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	6	0.3
(13,732)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	6	0.3
(13,732)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	6	0.3
(13,727)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	3	0.3
(13,727)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	3	0.3
(13,683)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	3	0.3
(13,683)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	3	0.3
(13,635)	1:66:A:THR:H	1:69:A:MET:HA	3	0.3
(13,624)	1:9:A:PHE:HE1	1:58:A:ILE:H	14	0.3
(13,624)	1:9:A:PHE:HE2	1:58:A:ILE:H	14	0.3
(13,575)	1:128:A:LEU:HD21	1:130:A:GLY:H	19	0.3
(13,575)	1:128:A:LEU:HD22	1:130:A:GLY:H	19	0.3
(13,575)	1:128:A:LEU:HD23	1:130:A:GLY:H	19	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,571)	1:148:A:CYS:HA	1:150:A:THR:H	10	0.3
(13,554)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	17	0.3
(13,554)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	17	0.3
(13,554)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	17	0.3
(13,461)	1:14:A:VAL:H	1:14:A:VAL:HB	14	0.3
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE1	12	0.3
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE2	12	0.3
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE3	12	0.3
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE1	17	0.3
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE2	17	0.3
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE3	17	0.3
(13,186)	1:60:A:LEU:H	1:63:A:ILE:HD11	19	0.3
(13,186)	1:60:A:LEU:H	1:63:A:ILE:HD12	19	0.3
(13,186)	1:60:A:LEU:H	1:63:A:ILE:HD13	19	0.3
(13,63)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3
(13,63)	1:117:A:VAL:H	1:117:A:VAL:HB	15	0.3
(13,57)	1:34:A:LYS:H	1:81:A:GLU:H	5	0.3
(13,56)	1:117:A:VAL:H	1:118:A:ASP:HB2	2	0.3
(13,10)	1:64:A:LYS:H	1:64:A:LYS:HE2	2	0.3
(13,10)	1:64:A:LYS:H	1:64:A:LYS:HE3	2	0.3
(11,2341)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	17	0.3
(11,2341)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	17	0.3
(11,2341)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	17	0.3
(11,2341)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	17	0.3
(11,2341)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	17	0.3
(11,2341)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	17	0.3
(11,2341)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	17	0.3
(11,2341)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	17	0.3
(11,2341)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	17	0.3
(11,2341)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	17	0.3
(11,2341)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	17	0.3
(11,2341)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	17	0.3
(11,2146)	1:40:A:LEU:HD11	1:44:A:GLU:H	11	0.3
(11,2146)	1:40:A:LEU:HD12	1:44:A:GLU:H	11	0.3
(11,2146)	1:40:A:LEU:HD13	1:44:A:GLU:H	11	0.3
(11,2146)	1:40:A:LEU:HD21	1:44:A:GLU:H	11	0.3
(11,2146)	1:40:A:LEU:HD22	1:44:A:GLU:H	11	0.3
(11,2146)	1:40:A:LEU:HD23	1:44:A:GLU:H	11	0.3
(11,1982)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	6	0.3
(11,1982)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	6	0.3
(11,1982)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	6	0.3
(11,1982)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	6	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1982)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	6	0.3
(11,1982)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	6	0.3
(11,1982)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	6	0.3
(11,1982)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	6	0.3
(11,1982)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	6	0.3
(11,1982)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	6	0.3
(11,1982)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	6	0.3
(11,1982)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	6	0.3
(11,1982)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	6	0.3
(11,1982)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	6	0.3
(11,1982)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	6	0.3
(11,1982)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	6	0.3
(11,1982)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	6	0.3
(11,1982)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	6	0.3
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	14	0.3
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	14	0.3
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	14	0.3
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD21	14	0.3
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD22	14	0.3
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD23	14	0.3
(11,1879)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	17	0.3
(11,1872)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	7	0.3
(11,1872)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	7	0.3
(11,1872)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	7	0.3
(11,1872)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	7	0.3
(11,1872)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	7	0.3
(11,1872)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	7	0.3
(11,1870)	1:80:A:TYR:HE1	1:81:A:GLU:HG2	16	0.3
(11,1870)	1:80:A:TYR:HE1	1:81:A:GLU:HG3	16	0.3
(11,1870)	1:80:A:TYR:HE2	1:81:A:GLU:HG2	16	0.3
(11,1870)	1:80:A:TYR:HE2	1:81:A:GLU:HG3	16	0.3
(11,1687)	1:134:A:VAL:HG21	1:137:A:SER:H	4	0.3
(11,1687)	1:134:A:VAL:HG22	1:137:A:SER:H	4	0.3
(11,1687)	1:134:A:VAL:HG23	1:137:A:SER:H	4	0.3
(11,1687)	1:134:A:VAL:HG21	1:137:A:SER:H	5	0.3
(11,1687)	1:134:A:VAL:HG22	1:137:A:SER:H	5	0.3
(11,1687)	1:134:A:VAL:HG23	1:137:A:SER:H	5	0.3
(11,1647)	1:23:A:LEU:HB2	1:24:A:ASP:HA	17	0.3
(11,1647)	1:23:A:LEU:HB3	1:24:A:ASP:HA	17	0.3
(11,1642)	1:128:A:LEU:HD21	1:130:A:GLY:H	19	0.3
(11,1642)	1:128:A:LEU:HD22	1:130:A:GLY:H	19	0.3
(11,1642)	1:128:A:LEU:HD23	1:130:A:GLY:H	19	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1635)	1:119:A:LEU:H	1:121:A:VAL:HG11	6	0.3
(11,1635)	1:119:A:LEU:H	1:121:A:VAL:HG12	6	0.3
(11,1635)	1:119:A:LEU:H	1:121:A:VAL:HG13	6	0.3
(11,1635)	1:119:A:LEU:H	1:121:A:VAL:HG11	15	0.3
(11,1635)	1:119:A:LEU:H	1:121:A:VAL:HG12	15	0.3
(11,1635)	1:119:A:LEU:H	1:121:A:VAL:HG13	15	0.3
(11,1635)	1:119:A:LEU:H	1:121:A:VAL:HG11	16	0.3
(11,1635)	1:119:A:LEU:H	1:121:A:VAL:HG12	16	0.3
(11,1635)	1:119:A:LEU:H	1:121:A:VAL:HG13	16	0.3
(11,1602)	1:58:A:ILE:HD11	1:59:A:CYS:H	13	0.3
(11,1602)	1:58:A:ILE:HD12	1:59:A:CYS:H	13	0.3
(11,1602)	1:58:A:ILE:HD13	1:59:A:CYS:H	13	0.3
(11,1559)	1:110:A:MET:HE1	1:114:A:ILE:HG12	9	0.3
(11,1559)	1:110:A:MET:HE2	1:114:A:ILE:HG12	9	0.3
(11,1559)	1:110:A:MET:HE3	1:114:A:ILE:HG12	9	0.3
(11,1559)	1:110:A:MET:HE1	1:114:A:ILE:HG12	18	0.3
(11,1559)	1:110:A:MET:HE2	1:114:A:ILE:HG12	18	0.3
(11,1559)	1:110:A:MET:HE3	1:114:A:ILE:HG12	18	0.3
(11,1437)	1:69:A:MET:HA	1:73:A:ILE:HG21	3	0.3
(11,1437)	1:69:A:MET:HA	1:73:A:ILE:HG22	3	0.3
(11,1437)	1:69:A:MET:HA	1:73:A:ILE:HG23	3	0.3
(11,1384)	1:39:A:VAL:HG11	1:144:A:LEU:H	13	0.3
(11,1384)	1:39:A:VAL:HG12	1:144:A:LEU:H	13	0.3
(11,1384)	1:39:A:VAL:HG13	1:144:A:LEU:H	13	0.3
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG11	4	0.3
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG12	4	0.3
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG13	4	0.3
(11,1349)	1:64:A:LYS:HA	1:64:A:LYS:HD2	14	0.3
(11,1349)	1:64:A:LYS:HA	1:64:A:LYS:HD3	14	0.3
(11,1252)	1:21:A:THR:HG21	1:23:A:LEU:HA	14	0.3
(11,1252)	1:21:A:THR:HG22	1:23:A:LEU:HA	14	0.3
(11,1252)	1:21:A:THR:HG23	1:23:A:LEU:HA	14	0.3
(11,1248)	1:140:A:LEU:HA	1:144:A:LEU:HD11	11	0.3
(11,1248)	1:140:A:LEU:HA	1:144:A:LEU:HD12	11	0.3
(11,1248)	1:140:A:LEU:HA	1:144:A:LEU:HD13	11	0.3
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD11	9	0.3
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD12	9	0.3
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD13	9	0.3
(11,1179)	1:140:A:LEU:HD21	1:144:A:LEU:H	2	0.3
(11,1179)	1:140:A:LEU:HD22	1:144:A:LEU:H	2	0.3
(11,1179)	1:140:A:LEU:HD23	1:144:A:LEU:H	2	0.3
(11,1130)	1:143:A:TRP:HA	1:143:A:TRP:HE3	13	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1109)	1:116:A:GLN:HA	1:119:A:LEU:HD21	2	0.3
(11,1109)	1:116:A:GLN:HA	1:119:A:LEU:HD22	2	0.3
(11,1109)	1:116:A:GLN:HA	1:119:A:LEU:HD23	2	0.3
(11,1092)	1:101:A:ILE:HG21	1:112:A:GLN:HA	6	0.3
(11,1092)	1:101:A:ILE:HG22	1:112:A:GLN:HA	6	0.3
(11,1092)	1:101:A:ILE:HG23	1:112:A:GLN:HA	6	0.3
(11,1031)	1:27:A:ARG:HB2	1:28:A:GLY:HA2	11	0.3
(11,1031)	1:27:A:ARG:HB2	1:28:A:GLY:HA3	11	0.3
(11,964)	1:15:A:ALA:HB1	1:43:A:MET:HB2	14	0.3
(11,964)	1:15:A:ALA:HB2	1:43:A:MET:HB2	14	0.3
(11,964)	1:15:A:ALA:HB3	1:43:A:MET:HB2	14	0.3
(11,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	13	0.3
(11,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	13	0.3
(11,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	13	0.3
(11,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	13	0.3
(11,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	13	0.3
(11,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	13	0.3
(11,771)	1:101:A:ILE:HD11	1:115:A:ALA:H	5	0.3
(11,771)	1:101:A:ILE:HD12	1:115:A:ALA:H	5	0.3
(11,771)	1:101:A:ILE:HD13	1:115:A:ALA:H	5	0.3
(11,771)	1:101:A:ILE:HD11	1:115:A:ALA:H	16	0.3
(11,771)	1:101:A:ILE:HD12	1:115:A:ALA:H	16	0.3
(11,771)	1:101:A:ILE:HD13	1:115:A:ALA:H	16	0.3
(11,747)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	6	0.3
(11,747)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	6	0.3
(11,747)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	6	0.3
(11,742)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	3	0.3
(11,742)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	3	0.3
(11,723)	1:76:A:ARG:HA	1:76:A:ARG:HE	4	0.3
(11,686)	1:145:A:PRO:HB3	1:148:A:CYS:H	3	0.3
(11,671)	1:116:A:GLN:HG3	1:117:A:VAL:H	15	0.3
(11,643)	1:66:A:THR:H	1:69:A:MET:HA	3	0.3
(11,597)	1:55:A:GLY:H	1:57:A:LEU:H	8	0.3
(11,577)	1:148:A:CYS:HA	1:150:A:THR:H	10	0.3
(11,542)	1:61:A:SER:H	1:63:A:ILE:HD11	17	0.3
(11,542)	1:61:A:SER:H	1:63:A:ILE:HD12	17	0.3
(11,542)	1:61:A:SER:H	1:63:A:ILE:HD13	17	0.3
(11,540)	1:60:A:LEU:HD21	1:61:A:SER:H	6	0.3
(11,540)	1:60:A:LEU:HD22	1:61:A:SER:H	6	0.3
(11,540)	1:60:A:LEU:HD23	1:61:A:SER:H	6	0.3
(11,400)	1:105:A:LYS:HD2	1:106:A:ASP:H	15	0.3
(11,400)	1:105:A:LYS:HD3	1:106:A:ASP:H	15	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,70)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3
(11,70)	1:117:A:VAL:H	1:117:A:VAL:HB	15	0.3
(11,59)	1:11:A:ILE:HD11	1:47:A:ALA:H	10	0.3
(11,59)	1:11:A:ILE:HD12	1:47:A:ALA:H	10	0.3
(11,59)	1:11:A:ILE:HD13	1:47:A:ALA:H	10	0.3
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD11	8	0.3
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD12	8	0.3
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD13	8	0.3
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD21	8	0.3
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD22	8	0.3
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD23	8	0.3
(9,2093)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	13	0.3
(9,2093)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	13	0.3
(9,2093)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	13	0.3
(9,2093)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	13	0.3
(9,2093)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	13	0.3
(9,2093)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	13	0.3
(9,2093)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	13	0.3
(9,2093)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	13	0.3
(9,2093)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	13	0.3
(9,2093)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	13	0.3
(9,2093)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	13	0.3
(9,2093)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	13	0.3
(9,2090)	1:39:A:VAL:HG11	1:41:A:LYS:H	10	0.3
(9,2090)	1:39:A:VAL:HG12	1:41:A:LYS:H	10	0.3
(9,2090)	1:39:A:VAL:HG13	1:41:A:LYS:H	10	0.3
(9,2090)	1:39:A:VAL:HG21	1:41:A:LYS:H	10	0.3
(9,2090)	1:39:A:VAL:HG22	1:41:A:LYS:H	10	0.3
(9,2090)	1:39:A:VAL:HG23	1:41:A:LYS:H	10	0.3
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD11	8	0.3
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD12	8	0.3
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD13	8	0.3
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD21	8	0.3
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD22	8	0.3
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD23	8	0.3
(9,2023)	1:23:A:LEU:HD11	1:147:A:ARG:H	1	0.3
(9,2023)	1:23:A:LEU:HD12	1:147:A:ARG:H	1	0.3
(9,2023)	1:23:A:LEU:HD13	1:147:A:ARG:H	1	0.3
(9,2023)	1:23:A:LEU:HD21	1:147:A:ARG:H	1	0.3
(9,2023)	1:23:A:LEU:HD22	1:147:A:ARG:H	1	0.3
(9,2023)	1:23:A:LEU:HD23	1:147:A:ARG:H	1	0.3
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD11	17	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD12	17	0.3
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD13	17	0.3
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD21	17	0.3
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD22	17	0.3
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD23	17	0.3
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	10	0.3
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	10	0.3
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	10	0.3
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	10	0.3
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	10	0.3
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	10	0.3
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	10	0.3
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	10	0.3
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	10	0.3
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	10	0.3
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	10	0.3
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	10	0.3
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	10	0.3
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	10	0.3
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	10	0.3
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	10	0.3
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	10	0.3
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	10	0.3
(9,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	6	0.3
(9,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	6	0.3
(9,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	6	0.3
(9,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	6	0.3
(9,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	6	0.3
(9,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	6	0.3
(9,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	6	0.3
(9,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	6	0.3
(9,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	6	0.3
(9,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	6	0.3
(9,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	6	0.3
(9,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	6	0.3
(9,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	6	0.3
(9,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	6	0.3
(9,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	6	0.3
(9,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	6	0.3
(9,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	6	0.3
(9,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	6	0.3
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	12	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1938)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	12	0.3
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	12	0.3
(9,1938)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	12	0.3
(9,1922)	1:9:A:PHE:HD1	1:40:A:LEU:HD11	7	0.3
(9,1922)	1:9:A:PHE:HD1	1:40:A:LEU:HD12	7	0.3
(9,1922)	1:9:A:PHE:HD1	1:40:A:LEU:HD13	7	0.3
(9,1922)	1:9:A:PHE:HD1	1:40:A:LEU:HD21	7	0.3
(9,1922)	1:9:A:PHE:HD1	1:40:A:LEU:HD22	7	0.3
(9,1922)	1:9:A:PHE:HD1	1:40:A:LEU:HD23	7	0.3
(9,1922)	1:9:A:PHE:HD2	1:40:A:LEU:HD11	7	0.3
(9,1922)	1:9:A:PHE:HD2	1:40:A:LEU:HD12	7	0.3
(9,1922)	1:9:A:PHE:HD2	1:40:A:LEU:HD13	7	0.3
(9,1922)	1:9:A:PHE:HD2	1:40:A:LEU:HD21	7	0.3
(9,1922)	1:9:A:PHE:HD2	1:40:A:LEU:HD22	7	0.3
(9,1922)	1:9:A:PHE:HD2	1:40:A:LEU:HD23	7	0.3
(9,1911)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	8	0.3
(9,1911)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	15	0.3
(9,1908)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	12	0.3
(9,1903)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	3	0.3
(9,1903)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	3	0.3
(9,1903)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	3	0.3
(9,1903)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	3	0.3
(9,1903)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	3	0.3
(9,1903)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	3	0.3
(9,1882)	1:104:A:PHE:HE1	1:105:A:LYS:H	9	0.3
(9,1882)	1:104:A:PHE:HE2	1:105:A:LYS:H	9	0.3
(9,1857)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	19	0.3
(9,1857)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	19	0.3
(9,1839)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	7	0.3
(9,1839)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	7	0.3
(9,1839)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	7	0.3
(9,1839)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	7	0.3
(9,1839)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	7	0.3
(9,1839)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	7	0.3
(9,1837)	1:80:A:TYR:HE1	1:81:A:GLU:HG2	16	0.3
(9,1837)	1:80:A:TYR:HE1	1:81:A:GLU:HG3	16	0.3
(9,1837)	1:80:A:TYR:HE2	1:81:A:GLU:HG2	16	0.3
(9,1837)	1:80:A:TYR:HE2	1:81:A:GLU:HG3	16	0.3
(9,1834)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	2	0.3
(9,1834)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	2	0.3
(9,1834)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	2	0.3
(9,1759)	1:97:A:ASP:HA	1:105:A:LYS:HA	3	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1678)	1:69:A:MET:HA	1:109:A:PRO:HA	6	0.3
(9,1634)	1:98:A:ILE:H	1:102:A:PRO:HA	19	0.3
(9,1596)	1:119:A:LEU:H	1:121:A:VAL:HG11	6	0.3
(9,1596)	1:119:A:LEU:H	1:121:A:VAL:HG12	6	0.3
(9,1596)	1:119:A:LEU:H	1:121:A:VAL:HG13	6	0.3
(9,1596)	1:119:A:LEU:H	1:121:A:VAL:HG11	15	0.3
(9,1596)	1:119:A:LEU:H	1:121:A:VAL:HG12	15	0.3
(9,1596)	1:119:A:LEU:H	1:121:A:VAL:HG13	15	0.3
(9,1596)	1:119:A:LEU:H	1:121:A:VAL:HG11	16	0.3
(9,1596)	1:119:A:LEU:H	1:121:A:VAL:HG12	16	0.3
(9,1596)	1:119:A:LEU:H	1:121:A:VAL:HG13	16	0.3
(9,1512)	1:69:A:MET:HE1	1:114:A:ILE:H	10	0.3
(9,1512)	1:69:A:MET:HE2	1:114:A:ILE:H	10	0.3
(9,1512)	1:69:A:MET:HE3	1:114:A:ILE:H	10	0.3
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG11	15	0.3
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG12	15	0.3
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG13	15	0.3
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG11	16	0.3
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG12	16	0.3
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG13	16	0.3
(9,1291)	1:9:A:PHE:HE1	1:14:A:VAL:HG11	16	0.3
(9,1291)	1:9:A:PHE:HE1	1:14:A:VAL:HG12	16	0.3
(9,1291)	1:9:A:PHE:HE1	1:14:A:VAL:HG13	16	0.3
(9,1291)	1:9:A:PHE:HE2	1:14:A:VAL:HG11	16	0.3
(9,1291)	1:9:A:PHE:HE2	1:14:A:VAL:HG12	16	0.3
(9,1291)	1:9:A:PHE:HE2	1:14:A:VAL:HG13	16	0.3
(9,1263)	1:39:A:VAL:H	1:39:A:VAL:HG21	18	0.3
(9,1263)	1:39:A:VAL:H	1:39:A:VAL:HG22	18	0.3
(9,1263)	1:39:A:VAL:H	1:39:A:VAL:HG23	18	0.3
(9,1173)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	1	0.3
(9,1173)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	1	0.3
(9,1173)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	1	0.3
(9,1173)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	1	0.3
(9,1173)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	1	0.3
(9,1173)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	1	0.3
(9,1123)	1:143:A:TRP:HA	1:143:A:TRP:HE3	13	0.3
(9,1101)	1:116:A:GLN:HA	1:119:A:LEU:HD21	2	0.3
(9,1101)	1:116:A:GLN:HA	1:119:A:LEU:HD22	2	0.3
(9,1101)	1:116:A:GLN:HA	1:119:A:LEU:HD23	2	0.3
(9,1037)	1:11:A:ILE:HA	1:11:A:ILE:HD11	19	0.3
(9,1037)	1:11:A:ILE:HA	1:11:A:ILE:HD12	19	0.3
(9,1037)	1:11:A:ILE:HA	1:11:A:ILE:HD13	19	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1018)	1:27:A:ARG:HB2	1:28:A:GLY:HA2	11	0.3
(9,1018)	1:27:A:ARG:HB2	1:28:A:GLY:HA3	11	0.3
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB2	1	0.3
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB3	1	0.3
(9,958)	1:66:A:THR:H	1:96:A:VAL:HB	13	0.3
(9,919)	1:125:A:THR:HB	1:128:A:LEU:HB2	16	0.3
(9,857)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	15	0.3
(9,857)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	15	0.3
(9,815)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	3	0.3
(9,815)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	3	0.3
(9,815)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	3	0.3
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	3	0.3
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	3	0.3
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	3	0.3
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	15	0.3
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	15	0.3
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	15	0.3
(9,768)	1:73:A:ILE:HD11	1:113:A:PHE:HA	8	0.3
(9,768)	1:73:A:ILE:HD12	1:113:A:PHE:HA	8	0.3
(9,768)	1:73:A:ILE:HD13	1:113:A:PHE:HA	8	0.3
(9,744)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	6	0.3
(9,744)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	6	0.3
(9,744)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	6	0.3
(9,714)	1:76:A:ARG:HA	1:76:A:ARG:HE	4	0.3
(9,597)	1:55:A:GLY:H	1:57:A:LEU:H	8	0.3
(9,545)	1:60:A:LEU:HD21	1:61:A:SER:H	6	0.3
(9,545)	1:60:A:LEU:HD22	1:61:A:SER:H	6	0.3
(9,545)	1:60:A:LEU:HD23	1:61:A:SER:H	6	0.3
(9,327)	1:136:A:CYS:HA	1:140:A:LEU:H	3	0.3
(9,236)	1:11:A:ILE:HB	1:44:A:GLU:H	10	0.3
(9,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	6	0.3
(9,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	6	0.3
(9,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	6	0.3
(9,66)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3
(9,66)	1:117:A:VAL:H	1:117:A:VAL:HB	15	0.3
(9,60)	1:117:A:VAL:H	1:118:A:ASP:HB2	2	0.3
(9,10)	1:64:A:LYS:H	1:64:A:LYS:HE2	2	0.3
(9,10)	1:64:A:LYS:H	1:64:A:LYS:HE3	2	0.3
(7,2453)	1:140:A:LEU:HD11	1:144:A:LEU:H	13	0.3
(7,2453)	1:140:A:LEU:HD12	1:144:A:LEU:H	13	0.3
(7,2453)	1:140:A:LEU:HD13	1:144:A:LEU:H	13	0.3
(7,2453)	1:140:A:LEU:HD21	1:144:A:LEU:H	13	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2453)	1:140:A:LEU:HD22	1:144:A:LEU:H	13	0.3
(7,2453)	1:140:A:LEU:HD23	1:144:A:LEU:H	13	0.3
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD11	14	0.3
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD12	14	0.3
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD13	14	0.3
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD21	14	0.3
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD22	14	0.3
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD23	14	0.3
(7,2085)	1:39:A:VAL:HG11	1:43:A:MET:HB2	13	0.3
(7,2085)	1:39:A:VAL:HG12	1:43:A:MET:HB2	13	0.3
(7,2085)	1:39:A:VAL:HG13	1:43:A:MET:HB2	13	0.3
(7,2085)	1:39:A:VAL:HG21	1:43:A:MET:HB2	13	0.3
(7,2085)	1:39:A:VAL:HG22	1:43:A:MET:HB2	13	0.3
(7,2085)	1:39:A:VAL:HG23	1:43:A:MET:HB2	13	0.3
(7,2080)	1:39:A:VAL:HB	1:140:A:LEU:HD11	10	0.3
(7,2080)	1:39:A:VAL:HB	1:140:A:LEU:HD12	10	0.3
(7,2080)	1:39:A:VAL:HB	1:140:A:LEU:HD13	10	0.3
(7,2080)	1:39:A:VAL:HB	1:140:A:LEU:HD21	10	0.3
(7,2080)	1:39:A:VAL:HB	1:140:A:LEU:HD22	10	0.3
(7,2080)	1:39:A:VAL:HB	1:140:A:LEU:HD23	10	0.3
(7,2025)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	2	0.3
(7,2025)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	2	0.3
(7,2025)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	2	0.3
(7,2025)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	2	0.3
(7,2025)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	2	0.3
(7,2025)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	2	0.3
(7,2025)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	2	0.3
(7,2025)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	2	0.3
(7,2025)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	2	0.3
(7,2025)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	2	0.3
(7,2025)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	2	0.3
(7,2025)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	2	0.3
(7,1997)	1:23:A:LEU:HD11	1:27:A:ARG:HA	7	0.3
(7,1997)	1:23:A:LEU:HD12	1:27:A:ARG:HA	7	0.3
(7,1997)	1:23:A:LEU:HD13	1:27:A:ARG:HA	7	0.3
(7,1997)	1:23:A:LEU:HD21	1:27:A:ARG:HA	7	0.3
(7,1997)	1:23:A:LEU:HD22	1:27:A:ARG:HA	7	0.3
(7,1997)	1:23:A:LEU:HD23	1:27:A:ARG:HA	7	0.3
(7,1954)	1:15:A:ALA:HB1	1:16:A:SER:HB2	12	0.3
(7,1954)	1:15:A:ALA:HB1	1:16:A:SER:HB3	12	0.3
(7,1954)	1:15:A:ALA:HB2	1:16:A:SER:HB2	12	0.3
(7,1954)	1:15:A:ALA:HB2	1:16:A:SER:HB3	12	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1954)	1:15:A:ALA:HB3	1:16:A:SER:HB2	12	0.3
(7,1954)	1:15:A:ALA:HB3	1:16:A:SER:HB3	12	0.3
(7,1941)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	4	0.3
(7,1941)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	4	0.3
(7,1941)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	4	0.3
(7,1941)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	4	0.3
(7,1941)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	4	0.3
(7,1941)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	4	0.3
(7,1941)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	4	0.3
(7,1941)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	4	0.3
(7,1941)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	4	0.3
(7,1941)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	4	0.3
(7,1941)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	4	0.3
(7,1941)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	4	0.3
(7,1877)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	12	0.3
(7,1836)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	19	0.3
(7,1836)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	19	0.3
(7,1817)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	7	0.3
(7,1817)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	7	0.3
(7,1817)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	7	0.3
(7,1817)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	7	0.3
(7,1817)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	7	0.3
(7,1817)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	7	0.3
(7,1814)	1:80:A:TYR:HE1	1:81:A:GLU:HG2	16	0.3
(7,1814)	1:80:A:TYR:HE1	1:81:A:GLU:HG3	16	0.3
(7,1814)	1:80:A:TYR:HE2	1:81:A:GLU:HG2	16	0.3
(7,1814)	1:80:A:TYR:HE2	1:81:A:GLU:HG3	16	0.3
(7,1796)	1:71:A:LYS:HD2	1:72:A:PHE:HZ	8	0.3
(7,1796)	1:71:A:LYS:HD3	1:72:A:PHE:HZ	8	0.3
(7,1795)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	16	0.3
(7,1795)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	16	0.3
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	16	0.3
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	16	0.3
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	16	0.3
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	16	0.3
(7,1791)	1:9:A:PHE:HZ	1:54:A:ARG:HA	14	0.3
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	10	0.3
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	10	0.3
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	10	0.3
(7,1685)	1:79:A:THR:HG21	1:81:A:GLU:HB3	4	0.3
(7,1685)	1:79:A:THR:HG22	1:81:A:GLU:HB3	4	0.3
(7,1685)	1:79:A:THR:HG23	1:81:A:GLU:HB3	4	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1653)	1:69:A:MET:HA	1:109:A:PRO:HA	4	0.3
(7,1636)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	3	0.3
(7,1636)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	3	0.3
(7,1636)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	3	0.3
(7,1636)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	3	0.3
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	16	0.3
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	16	0.3
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	16	0.3
(7,1574)	1:119:A:LEU:H	1:121:A:VAL:HG11	6	0.3
(7,1574)	1:119:A:LEU:H	1:121:A:VAL:HG12	6	0.3
(7,1574)	1:119:A:LEU:H	1:121:A:VAL:HG13	6	0.3
(7,1574)	1:119:A:LEU:H	1:121:A:VAL:HG11	15	0.3
(7,1574)	1:119:A:LEU:H	1:121:A:VAL:HG12	15	0.3
(7,1574)	1:119:A:LEU:H	1:121:A:VAL:HG13	15	0.3
(7,1574)	1:119:A:LEU:H	1:121:A:VAL:HG11	16	0.3
(7,1574)	1:119:A:LEU:H	1:121:A:VAL:HG12	16	0.3
(7,1574)	1:119:A:LEU:H	1:121:A:VAL:HG13	16	0.3
(7,1558)	1:98:A:ILE:HG21	1:116:A:GLN:H	19	0.3
(7,1558)	1:98:A:ILE:HG22	1:116:A:GLN:H	19	0.3
(7,1558)	1:98:A:ILE:HG23	1:116:A:GLN:H	19	0.3
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD11	4	0.3
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD12	4	0.3
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD13	4	0.3
(7,1438)	1:14:A:VAL:HB	1:15:A:ALA:HB1	3	0.3
(7,1438)	1:14:A:VAL:HB	1:15:A:ALA:HB2	3	0.3
(7,1438)	1:14:A:VAL:HB	1:15:A:ALA:HB3	3	0.3
(7,1438)	1:14:A:VAL:HB	1:15:A:ALA:HB1	9	0.3
(7,1438)	1:14:A:VAL:HB	1:15:A:ALA:HB2	9	0.3
(7,1438)	1:14:A:VAL:HB	1:15:A:ALA:HB3	9	0.3
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG21	1	0.3
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG22	1	0.3
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG23	1	0.3
(7,1348)	1:39:A:VAL:HG11	1:144:A:LEU:H	13	0.3
(7,1348)	1:39:A:VAL:HG12	1:144:A:LEU:H	13	0.3
(7,1348)	1:39:A:VAL:HG13	1:144:A:LEU:H	13	0.3
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	3	0.3
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	3	0.3
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	3	0.3
(7,1311)	1:64:A:LYS:HA	1:64:A:LYS:HD2	14	0.3
(7,1311)	1:64:A:LYS:HA	1:64:A:LYS:HD3	14	0.3
(7,1215)	1:39:A:VAL:H	1:139:A:LEU:HD21	16	0.3
(7,1215)	1:39:A:VAL:H	1:139:A:LEU:HD22	16	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1215)	1:39:A:VAL:H	1:139:A:LEU:HD23	16	0.3
(7,1213)	1:21:A:THR:HG21	1:23:A:LEU:HA	14	0.3
(7,1213)	1:21:A:THR:HG22	1:23:A:LEU:HA	14	0.3
(7,1213)	1:21:A:THR:HG23	1:23:A:LEU:HA	14	0.3
(7,1197)	1:11:A:ILE:HD11	1:131:A:LEU:HA	12	0.3
(7,1197)	1:11:A:ILE:HD12	1:131:A:LEU:HA	12	0.3
(7,1197)	1:11:A:ILE:HD13	1:131:A:LEU:HA	12	0.3
(7,1159)	1:116:A:GLN:HA	1:119:A:LEU:HD21	2	0.3
(7,1159)	1:116:A:GLN:HA	1:119:A:LEU:HD22	2	0.3
(7,1159)	1:116:A:GLN:HA	1:119:A:LEU:HD23	2	0.3
(7,1100)	1:143:A:TRP:HA	1:143:A:TRP:HE3	13	0.3
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB1	18	0.3
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB2	18	0.3
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB3	18	0.3
(7,1065)	1:101:A:ILE:HG21	1:112:A:GLN:HA	6	0.3
(7,1065)	1:101:A:ILE:HG22	1:112:A:GLN:HA	6	0.3
(7,1065)	1:101:A:ILE:HG23	1:112:A:GLN:HA	6	0.3
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	10	0.3
(7,1002)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	10	0.3
(7,998)	1:34:A:LYS:H	1:81:A:GLU:HB2	9	0.3
(7,926)	1:69:A:MET:HG2	1:109:A:PRO:HA	12	0.3
(7,917)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	19	0.3
(7,917)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	19	0.3
(7,917)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	19	0.3
(7,917)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	19	0.3
(7,914)	1:34:A:LYS:H	1:81:A:GLU:HG2	2	0.3
(7,914)	1:34:A:LYS:H	1:81:A:GLU:HG3	2	0.3
(7,914)	1:34:A:LYS:H	1:81:A:GLU:HG2	17	0.3
(7,914)	1:34:A:LYS:H	1:81:A:GLU:HG3	17	0.3
(7,765)	1:101:A:ILE:HD11	1:115:A:ALA:H	5	0.3
(7,765)	1:101:A:ILE:HD12	1:115:A:ALA:H	5	0.3
(7,765)	1:101:A:ILE:HD13	1:115:A:ALA:H	5	0.3
(7,765)	1:101:A:ILE:HD11	1:115:A:ALA:H	16	0.3
(7,765)	1:101:A:ILE:HD12	1:115:A:ALA:H	16	0.3
(7,765)	1:101:A:ILE:HD13	1:115:A:ALA:H	16	0.3
(7,733)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	3	0.3
(7,733)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	3	0.3
(7,732)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	2	0.3
(7,715)	1:76:A:ARG:HA	1:76:A:ARG:HE	4	0.3
(7,642)	1:66:A:THR:H	1:69:A:MET:HA	3	0.3
(7,466)	1:14:A:VAL:H	1:14:A:VAL:HB	14	0.3
(7,343)	1:122:A:ASP:HB3	1:123:A:CYS:H	16	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	1	0.3
(7,157)	1:127:A:CYS:H	1:128:A:LEU:HB2	12	0.3
(7,63)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3
(7,63)	1:117:A:VAL:H	1:117:A:VAL:HB	15	0.3
(7,58)	1:117:A:VAL:H	1:118:A:ASP:HB2	2	0.3
(7,53)	1:11:A:ILE:HD11	1:47:A:ALA:H	10	0.3
(7,53)	1:11:A:ILE:HD12	1:47:A:ALA:H	10	0.3
(7,53)	1:11:A:ILE:HD13	1:47:A:ALA:H	10	0.3
(6,2431)	1:134:A:VAL:HG11	1:137:A:SER:H	19	0.3
(6,2431)	1:134:A:VAL:HG12	1:137:A:SER:H	19	0.3
(6,2431)	1:134:A:VAL:HG13	1:137:A:SER:H	19	0.3
(6,2431)	1:134:A:VAL:HG21	1:137:A:SER:H	19	0.3
(6,2431)	1:134:A:VAL:HG22	1:137:A:SER:H	19	0.3
(6,2431)	1:134:A:VAL:HG23	1:137:A:SER:H	19	0.3
(6,2411)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	8	0.3
(6,2411)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	8	0.3
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG11	16	0.3
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG12	16	0.3
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG13	16	0.3
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG21	16	0.3
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG22	16	0.3
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG23	16	0.3
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG11	18	0.3
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG12	18	0.3
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG13	18	0.3
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG21	18	0.3
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG22	18	0.3
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG23	18	0.3
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD11	8	0.3
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD12	8	0.3
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD13	8	0.3
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD21	8	0.3
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD22	8	0.3
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD23	8	0.3
(6,2321)	1:105:A:LYS:HG2	1:106:A:ASP:HA	7	0.3
(6,2321)	1:105:A:LYS:HG3	1:106:A:ASP:HA	7	0.3
(6,2143)	1:43:A:MET:HB2	1:140:A:LEU:HG	12	0.3
(6,2143)	1:43:A:MET:HB3	1:140:A:LEU:HG	12	0.3
(6,2105)	1:39:A:VAL:HB	1:140:A:LEU:HD11	10	0.3
(6,2105)	1:39:A:VAL:HB	1:140:A:LEU:HD12	10	0.3
(6,2105)	1:39:A:VAL:HB	1:140:A:LEU:HD13	10	0.3
(6,2105)	1:39:A:VAL:HB	1:140:A:LEU:HD21	10	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2105)	1:39:A:VAL:HB	1:140:A:LEU:HD22	10	0.3
(6,2105)	1:39:A:VAL:HB	1:140:A:LEU:HD23	10	0.3
(6,2002)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	6	0.3
(6,2002)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	6	0.3
(6,2002)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	6	0.3
(6,2002)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	6	0.3
(6,2002)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	6	0.3
(6,2002)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	6	0.3
(6,2002)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	6	0.3
(6,2002)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	6	0.3
(6,2002)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	6	0.3
(6,2002)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	6	0.3
(6,2002)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	6	0.3
(6,2002)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	6	0.3
(6,1995)	1:14:A:VAL:HB	1:131:A:LEU:HD11	13	0.3
(6,1995)	1:14:A:VAL:HB	1:131:A:LEU:HD12	13	0.3
(6,1995)	1:14:A:VAL:HB	1:131:A:LEU:HD13	13	0.3
(6,1995)	1:14:A:VAL:HB	1:131:A:LEU:HD21	13	0.3
(6,1995)	1:14:A:VAL:HB	1:131:A:LEU:HD22	13	0.3
(6,1995)	1:14:A:VAL:HB	1:131:A:LEU:HD23	13	0.3
(6,1909)	1:113:A:PHE:HD1	1:114:A:ILE:HB	9	0.3
(6,1909)	1:113:A:PHE:HD2	1:114:A:ILE:HB	9	0.3
(6,1890)	1:68:A:LYS:HA	1:72:A:PHE:HE1	5	0.3
(6,1890)	1:68:A:LYS:HA	1:72:A:PHE:HE2	5	0.3
(6,1870)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	19	0.3
(6,1870)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	19	0.3
(6,1869)	1:113:A:PHE:HE1	1:114:A:ILE:HA	4	0.3
(6,1869)	1:113:A:PHE:HE2	1:114:A:ILE:HA	4	0.3
(6,1867)	1:9:A:PHE:HE1	1:54:A:ARG:HE	14	0.3
(6,1867)	1:9:A:PHE:HE2	1:54:A:ARG:HE	14	0.3
(6,1862)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	8	0.3
(6,1851)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	7	0.3
(6,1851)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	7	0.3
(6,1851)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	7	0.3
(6,1851)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	7	0.3
(6,1851)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	7	0.3
(6,1851)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	7	0.3
(6,1849)	1:80:A:TYR:HE1	1:81:A:GLU:HG2	16	0.3
(6,1849)	1:80:A:TYR:HE1	1:81:A:GLU:HG3	16	0.3
(6,1849)	1:80:A:TYR:HE2	1:81:A:GLU:HG2	16	0.3
(6,1849)	1:80:A:TYR:HE2	1:81:A:GLU:HG3	16	0.3
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	10	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	10	0.3
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	10	0.3
(6,1644)	1:98:A:ILE:H	1:102:A:PRO:HA	19	0.3
(6,1457)	1:14:A:VAL:HB	1:15:A:ALA:HB1	4	0.3
(6,1457)	1:14:A:VAL:HB	1:15:A:ALA:HB2	4	0.3
(6,1457)	1:14:A:VAL:HB	1:15:A:ALA:HB3	4	0.3
(6,1340)	1:17:A:ASN:HA	1:76:A:ARG:HA	5	0.3
(6,1325)	1:64:A:LYS:HA	1:64:A:LYS:HD2	14	0.3
(6,1325)	1:64:A:LYS:HA	1:64:A:LYS:HD3	14	0.3
(6,1229)	1:21:A:THR:HG21	1:23:A:LEU:HA	14	0.3
(6,1229)	1:21:A:THR:HG22	1:23:A:LEU:HA	14	0.3
(6,1229)	1:21:A:THR:HG23	1:23:A:LEU:HA	14	0.3
(6,1222)	1:140:A:LEU:HA	1:144:A:LEU:HD11	11	0.3
(6,1222)	1:140:A:LEU:HA	1:144:A:LEU:HD12	11	0.3
(6,1222)	1:140:A:LEU:HA	1:144:A:LEU:HD13	11	0.3
(6,1143)	1:13:A:ALA:HB1	1:80:A:TYR:HA	8	0.3
(6,1143)	1:13:A:ALA:HB2	1:80:A:TYR:HA	8	0.3
(6,1143)	1:13:A:ALA:HB3	1:80:A:TYR:HA	8	0.3
(6,985)	1:98:A:ILE:HB	1:105:A:LYS:HB2	19	0.3
(6,985)	1:98:A:ILE:HB	1:105:A:LYS:HB3	19	0.3
(6,946)	1:66:A:THR:H	1:96:A:VAL:HB	17	0.3
(6,793)	1:55:A:GLY:H	1:58:A:ILE:HD11	10	0.3
(6,793)	1:55:A:GLY:H	1:58:A:ILE:HD12	10	0.3
(6,793)	1:55:A:GLY:H	1:58:A:ILE:HD13	10	0.3
(6,710)	1:48:A:ARG:HE	1:49:A:LYS:H	19	0.3
(6,637)	1:66:A:THR:H	1:69:A:MET:HA	3	0.3
(6,536)	1:60:A:LEU:HD21	1:61:A:SER:H	6	0.3
(6,536)	1:60:A:LEU:HD22	1:61:A:SER:H	6	0.3
(6,536)	1:60:A:LEU:HD23	1:61:A:SER:H	6	0.3
(6,461)	1:14:A:VAL:H	1:14:A:VAL:HB	14	0.3
(6,314)	1:136:A:CYS:HA	1:140:A:LEU:H	3	0.3
(6,217)	1:44:A:GLU:HG2	1:48:A:ARG:H	1	0.3
(6,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	6	0.3
(6,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	6	0.3
(6,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	6	0.3
(6,157)	1:127:A:CYS:H	1:128:A:LEU:HB2	12	0.3
(6,103)	1:67:A:PRO:HD2	1:69:A:MET:H	19	0.3
(6,59)	1:117:A:VAL:H	1:118:A:ASP:HB2	2	0.3
(6,54)	1:11:A:ILE:HD11	1:47:A:ALA:H	10	0.3
(6,54)	1:11:A:ILE:HD12	1:47:A:ALA:H	10	0.3
(6,54)	1:11:A:ILE:HD13	1:47:A:ALA:H	10	0.3
(5,2479)	1:146:A:GLN:HG2	1:148:A:CYS:H	12	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2479)	1:146:A:GLN:HG3	1:148:A:CYS:H	12	0.3
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD11	11	0.3
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD12	11	0.3
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD13	11	0.3
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD21	11	0.3
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD22	11	0.3
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD23	11	0.3
(5,2408)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	8	0.3
(5,2408)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	8	0.3
(5,2344)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	4	0.3
(5,2344)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	4	0.3
(5,2344)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	4	0.3
(5,2344)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	4	0.3
(5,2344)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	4	0.3
(5,2344)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	4	0.3
(5,2278)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	12	0.3
(5,2278)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	12	0.3
(5,2250)	1:70:A:LYS:HG2	1:71:A:LYS:H	12	0.3
(5,2250)	1:70:A:LYS:HG3	1:71:A:LYS:H	12	0.3
(5,2248)	1:70:A:LYS:H	1:70:A:LYS:HD2	5	0.3
(5,2248)	1:70:A:LYS:H	1:70:A:LYS:HD3	5	0.3
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD11	9	0.3
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD12	9	0.3
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD13	9	0.3
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD21	9	0.3
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD22	9	0.3
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD23	9	0.3
(5,2075)	1:37:A:LEU:H	1:40:A:LEU:HB2	15	0.3
(5,2075)	1:37:A:LEU:H	1:40:A:LEU:HB3	15	0.3
(5,2027)	1:23:A:LEU:HD11	1:24:A:ASP:H	16	0.3
(5,2027)	1:23:A:LEU:HD12	1:24:A:ASP:H	16	0.3
(5,2027)	1:23:A:LEU:HD13	1:24:A:ASP:H	16	0.3
(5,2027)	1:23:A:LEU:HD21	1:24:A:ASP:H	16	0.3
(5,2027)	1:23:A:LEU:HD22	1:24:A:ASP:H	16	0.3
(5,2027)	1:23:A:LEU:HD23	1:24:A:ASP:H	16	0.3
(5,1927)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	3	0.3
(5,1927)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	3	0.3
(5,1927)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	3	0.3
(5,1927)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	3	0.3
(5,1927)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	3	0.3
(5,1927)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	3	0.3
(5,1907)	1:104:A:PHE:HE1	1:105:A:LYS:H	9	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1907)	1:104:A:PHE:HE2	1:105:A:LYS:H	9	0.3
(5,1906)	1:68:A:LYS:HA	1:72:A:PHE:HE1	5	0.3
(5,1906)	1:68:A:LYS:HA	1:72:A:PHE:HE2	5	0.3
(5,1891)	1:113:A:PHE:HE1	1:114:A:ILE:HA	4	0.3
(5,1891)	1:113:A:PHE:HE2	1:114:A:ILE:HA	4	0.3
(5,1882)	1:9:A:PHE:HZ	1:11:A:ILE:HA	18	0.3
(5,1875)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	7	0.3
(5,1875)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	7	0.3
(5,1875)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	7	0.3
(5,1875)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	7	0.3
(5,1875)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	7	0.3
(5,1875)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	7	0.3
(5,1872)	1:80:A:TYR:HE1	1:81:A:GLU:HG2	16	0.3
(5,1872)	1:80:A:TYR:HE1	1:81:A:GLU:HG3	16	0.3
(5,1872)	1:80:A:TYR:HE2	1:81:A:GLU:HG2	16	0.3
(5,1872)	1:80:A:TYR:HE2	1:81:A:GLU:HG3	16	0.3
(5,1792)	1:97:A:ASP:HA	1:105:A:LYS:HA	3	0.3
(5,1706)	1:69:A:MET:HA	1:109:A:PRO:HA	6	0.3
(5,1632)	1:23:A:LEU:HB2	1:24:A:ASP:HA	17	0.3
(5,1632)	1:23:A:LEU:HB3	1:24:A:ASP:HA	17	0.3
(5,1499)	1:101:A:ILE:HG21	1:103:A:ARG:HA	3	0.3
(5,1499)	1:101:A:ILE:HG22	1:103:A:ARG:HA	3	0.3
(5,1499)	1:101:A:ILE:HG23	1:103:A:ARG:HA	3	0.3
(5,1381)	1:39:A:VAL:HG11	1:144:A:LEU:H	13	0.3
(5,1381)	1:39:A:VAL:HG12	1:144:A:LEU:H	13	0.3
(5,1381)	1:39:A:VAL:HG13	1:144:A:LEU:H	13	0.3
(5,1182)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	1	0.3
(5,1182)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	1	0.3
(5,1182)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	1	0.3
(5,1182)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	1	0.3
(5,1182)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	1	0.3
(5,1182)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	1	0.3
(5,1178)	1:140:A:LEU:HD21	1:144:A:LEU:H	2	0.3
(5,1178)	1:140:A:LEU:HD22	1:144:A:LEU:H	2	0.3
(5,1178)	1:140:A:LEU:HD23	1:144:A:LEU:H	2	0.3
(5,1159)	1:116:A:GLN:HA	1:119:A:LEU:HG	15	0.3
(5,1131)	1:143:A:TRP:HA	1:143:A:TRP:HE3	13	0.3
(5,1111)	1:116:A:GLN:HA	1:119:A:LEU:HD21	2	0.3
(5,1111)	1:116:A:GLN:HA	1:119:A:LEU:HD22	2	0.3
(5,1111)	1:116:A:GLN:HA	1:119:A:LEU:HD23	2	0.3
(5,1075)	1:54:A:ARG:HA	1:58:A:ILE:HB	8	0.3
(5,929)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	19	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,929)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	19	0.3
(5,929)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	19	0.3
(5,929)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	19	0.3
(5,925)	1:34:A:LYS:H	1:81:A:GLU:HG2	2	0.3
(5,925)	1:34:A:LYS:H	1:81:A:GLU:HG3	2	0.3
(5,925)	1:34:A:LYS:H	1:81:A:GLU:HG2	17	0.3
(5,925)	1:34:A:LYS:H	1:81:A:GLU:HG3	17	0.3
(5,919)	1:125:A:THR:HB	1:128:A:LEU:HB2	7	0.3
(5,914)	1:43:A:MET:HA	1:44:A:GLU:HG2	5	0.3
(5,909)	1:19:A:ALA:HB1	1:20:A:THR:HB	11	0.3
(5,909)	1:19:A:ALA:HB2	1:20:A:THR:HB	11	0.3
(5,909)	1:19:A:ALA:HB3	1:20:A:THR:HB	11	0.3
(5,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	13	0.3
(5,833)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	13	0.3
(5,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	13	0.3
(5,833)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	13	0.3
(5,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	13	0.3
(5,833)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	13	0.3
(5,782)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	9	0.3
(5,782)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	9	0.3
(5,782)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	9	0.3
(5,782)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	13	0.3
(5,782)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	13	0.3
(5,782)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	13	0.3
(5,778)	1:101:A:ILE:HD11	1:119:A:LEU:HG	15	0.3
(5,778)	1:101:A:ILE:HD12	1:119:A:LEU:HG	15	0.3
(5,778)	1:101:A:ILE:HD13	1:119:A:LEU:HG	15	0.3
(5,755)	1:32:A:GLY:HA2	1:34:A:LYS:H	13	0.3
(5,737)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	3	0.3
(5,737)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	3	0.3
(5,724)	1:76:A:ARG:HA	1:76:A:ARG:HE	4	0.3
(5,643)	1:66:A:THR:H	1:69:A:MET:HA	3	0.3
(5,640)	1:66:A:THR:H	1:68:A:LYS:H	12	0.3
(5,620)	1:67:A:PRO:HD2	1:96:A:VAL:H	16	0.3
(5,611)	1:14:A:VAL:HB	1:16:A:SER:H	4	0.3
(5,456)	1:14:A:VAL:H	1:14:A:VAL:HB	14	0.3
(5,310)	1:136:A:CYS:HA	1:140:A:LEU:H	3	0.3
(5,266)	1:112:A:GLN:H	1:112:A:GLN:HE21	19	0.3
(5,152)	1:127:A:CYS:H	1:128:A:LEU:HB2	12	0.3
(5,67)	1:44:A:GLU:HB2	1:45:A:ALA:H	15	0.3
(5,67)	1:44:A:GLU:HB3	1:45:A:ALA:H	15	0.3
(5,61)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,61)	1:117:A:VAL:H	1:117:A:VAL:HB	15	0.3
(5,56)	1:117:A:VAL:H	1:118:A:ASP:HB2	2	0.3
(5,39)	1:43:A:MET:HA	1:47:A:ALA:H	12	0.3
(5,11)	1:64:A:LYS:H	1:64:A:LYS:HE2	2	0.3
(5,11)	1:64:A:LYS:H	1:64:A:LYS:HE3	2	0.3
(4,2391)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	17	0.3
(4,2391)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	17	0.3
(4,2391)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	17	0.3
(4,2391)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	17	0.3
(4,2391)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	17	0.3
(4,2391)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	17	0.3
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD11	8	0.3
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD12	8	0.3
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD13	8	0.3
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD21	8	0.3
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD22	8	0.3
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD23	8	0.3
(4,2177)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	12	0.3
(4,2177)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	12	0.3
(4,2177)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	12	0.3
(4,2177)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	12	0.3
(4,2177)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	12	0.3
(4,2177)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	12	0.3
(4,2053)	1:29:A:LYS:HA	1:30:A:LEU:HD11	3	0.3
(4,2053)	1:29:A:LYS:HA	1:30:A:LEU:HD12	3	0.3
(4,2053)	1:29:A:LYS:HA	1:30:A:LEU:HD13	3	0.3
(4,2053)	1:29:A:LYS:HA	1:30:A:LEU:HD21	3	0.3
(4,2053)	1:29:A:LYS:HA	1:30:A:LEU:HD22	3	0.3
(4,2053)	1:29:A:LYS:HA	1:30:A:LEU:HD23	3	0.3
(4,2036)	1:23:A:LEU:HD11	1:25:A:ALA:H	6	0.3
(4,2036)	1:23:A:LEU:HD12	1:25:A:ALA:H	6	0.3
(4,2036)	1:23:A:LEU:HD13	1:25:A:ALA:H	6	0.3
(4,2036)	1:23:A:LEU:HD21	1:25:A:ALA:H	6	0.3
(4,2036)	1:23:A:LEU:HD22	1:25:A:ALA:H	6	0.3
(4,2036)	1:23:A:LEU:HD23	1:25:A:ALA:H	6	0.3
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	12	0.3
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	12	0.3
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	12	0.3
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	12	0.3
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	12	0.3
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	12	0.3
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	12	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	12	0.3
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	12	0.3
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	12	0.3
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	12	0.3
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	12	0.3
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	12	0.3
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	12	0.3
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	12	0.3
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	12	0.3
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	12	0.3
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	12	0.3
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD11	5	0.3
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD12	5	0.3
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD13	5	0.3
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD21	5	0.3
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD22	5	0.3
(4,2017)	1:18:A:PHE:HE1	1:57:A:LEU:HD23	5	0.3
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD11	5	0.3
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD12	5	0.3
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD13	5	0.3
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD21	5	0.3
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD22	5	0.3
(4,2017)	1:18:A:PHE:HE2	1:57:A:LEU:HD23	5	0.3
(4,1980)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	14	0.3
(4,1980)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	14	0.3
(4,1980)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	14	0.3
(4,1980)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	14	0.3
(4,1980)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	14	0.3
(4,1980)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	14	0.3
(4,1980)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	14	0.3
(4,1980)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	14	0.3
(4,1980)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	14	0.3
(4,1980)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	14	0.3
(4,1980)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	14	0.3
(4,1980)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	14	0.3
(4,1953)	1:12:A:VAL:HA	1:40:A:LEU:HD11	14	0.3
(4,1953)	1:12:A:VAL:HA	1:40:A:LEU:HD12	14	0.3
(4,1953)	1:12:A:VAL:HA	1:40:A:LEU:HD13	14	0.3
(4,1953)	1:12:A:VAL:HA	1:40:A:LEU:HD21	14	0.3
(4,1953)	1:12:A:VAL:HA	1:40:A:LEU:HD22	14	0.3
(4,1953)	1:12:A:VAL:HA	1:40:A:LEU:HD23	14	0.3
(4,1854)	1:14:A:VAL:HA	1:18:A:PHE:HD1	19	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1854)	1:14:A:VAL:HA	1:18:A:PHE:HD2	19	0.3
(4,1849)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	4	0.3
(4,1849)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	4	0.3
(4,1849)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	4	0.3
(4,1849)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	4	0.3
(4,1849)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	4	0.3
(4,1849)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	4	0.3
(4,1825)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	7	0.3
(4,1825)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	7	0.3
(4,1825)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	7	0.3
(4,1825)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	7	0.3
(4,1825)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	7	0.3
(4,1825)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	7	0.3
(4,1823)	1:80:A:TYR:HE1	1:81:A:GLU:HG2	16	0.3
(4,1823)	1:80:A:TYR:HE1	1:81:A:GLU:HG3	16	0.3
(4,1823)	1:80:A:TYR:HE2	1:81:A:GLU:HG2	16	0.3
(4,1823)	1:80:A:TYR:HE2	1:81:A:GLU:HG3	16	0.3
(4,1806)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	16	0.3
(4,1806)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	16	0.3
(4,1776)	1:9:A:PHE:HD1	1:11:A:ILE:HB	7	0.3
(4,1776)	1:9:A:PHE:HD2	1:11:A:ILE:HB	7	0.3
(4,1747)	1:97:A:ASP:HA	1:105:A:LYS:HA	3	0.3
(4,1743)	1:141:A:LYS:HA	1:149:A:ALA:H	6	0.3
(4,1663)	1:69:A:MET:HA	1:109:A:PRO:HA	4	0.3
(4,1632)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	12	0.3
(4,1632)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	12	0.3
(4,1632)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	12	0.3
(4,1632)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	12	0.3
(4,1632)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	12	0.3
(4,1632)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	12	0.3
(4,1632)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	12	0.3
(4,1632)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	12	0.3
(4,1632)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	12	0.3
(4,1582)	1:119:A:LEU:H	1:121:A:VAL:HG11	6	0.3
(4,1582)	1:119:A:LEU:H	1:121:A:VAL:HG12	6	0.3
(4,1582)	1:119:A:LEU:H	1:121:A:VAL:HG13	6	0.3
(4,1582)	1:119:A:LEU:H	1:121:A:VAL:HG11	15	0.3
(4,1582)	1:119:A:LEU:H	1:121:A:VAL:HG12	15	0.3
(4,1582)	1:119:A:LEU:H	1:121:A:VAL:HG13	15	0.3
(4,1582)	1:119:A:LEU:H	1:121:A:VAL:HG11	16	0.3
(4,1582)	1:119:A:LEU:H	1:121:A:VAL:HG12	16	0.3
(4,1582)	1:119:A:LEU:H	1:121:A:VAL:HG13	16	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1460)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	12	0.3
(4,1460)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	12	0.3
(4,1460)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	12	0.3
(4,1460)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	12	0.3
(4,1460)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	12	0.3
(4,1460)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	12	0.3
(4,1460)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	15	0.3
(4,1460)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	15	0.3
(4,1460)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	15	0.3
(4,1460)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	15	0.3
(4,1460)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	15	0.3
(4,1460)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	15	0.3
(4,1387)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	7	0.3
(4,1387)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	7	0.3
(4,1387)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	7	0.3
(4,1379)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	18	0.3
(4,1379)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	18	0.3
(4,1379)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	18	0.3
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG11	4	0.3
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG12	4	0.3
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG13	4	0.3
(4,1334)	1:141:A:LYS:HB2	1:149:A:ALA:HA	2	0.3
(4,1334)	1:141:A:LYS:HB3	1:149:A:ALA:HA	2	0.3
(4,1313)	1:64:A:LYS:HA	1:64:A:LYS:HD2	14	0.3
(4,1313)	1:64:A:LYS:HA	1:64:A:LYS:HD3	14	0.3
(4,1269)	1:128:A:LEU:HD21	1:129:A:LYS:H	1	0.3
(4,1269)	1:128:A:LEU:HD22	1:129:A:LYS:H	1	0.3
(4,1269)	1:128:A:LEU:HD23	1:129:A:LYS:H	1	0.3
(4,1212)	1:21:A:THR:HG21	1:23:A:LEU:HA	14	0.3
(4,1212)	1:21:A:THR:HG22	1:23:A:LEU:HA	14	0.3
(4,1212)	1:21:A:THR:HG23	1:23:A:LEU:HA	14	0.3
(4,1197)	1:110:A:MET:HA	1:113:A:PHE:HB2	15	0.3
(4,1093)	1:41:A:LYS:HA	1:44:A:GLU:HB2	19	0.3
(4,1093)	1:41:A:LYS:HA	1:44:A:GLU:HB3	19	0.3
(4,1067)	1:141:A:LYS:HA	1:148:A:CYS:HB3	8	0.3
(4,1062)	1:101:A:ILE:HG21	1:112:A:GLN:HA	6	0.3
(4,1062)	1:101:A:ILE:HG22	1:112:A:GLN:HA	6	0.3
(4,1062)	1:101:A:ILE:HG23	1:112:A:GLN:HA	6	0.3
(4,1013)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	10	0.3
(4,1013)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	10	0.3
(4,890)	1:20:A:THR:H	1:21:A:THR:HB	5	0.3
(4,859)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	15	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,859)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	15	0.3
(4,798)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	7	0.3
(4,798)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	7	0.3
(4,798)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	7	0.3
(4,770)	1:101:A:ILE:HD11	1:119:A:LEU:HG	15	0.3
(4,770)	1:101:A:ILE:HD12	1:119:A:LEU:HG	15	0.3
(4,770)	1:101:A:ILE:HD13	1:119:A:LEU:HG	15	0.3
(4,756)	1:69:A:MET:HG2	1:73:A:ILE:HD11	17	0.3
(4,756)	1:69:A:MET:HG2	1:73:A:ILE:HD12	17	0.3
(4,756)	1:69:A:MET:HG2	1:73:A:ILE:HD13	17	0.3
(4,730)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	3	0.3
(4,730)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	3	0.3
(4,729)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	2	0.3
(4,632)	1:66:A:THR:H	1:69:A:MET:HA	3	0.3
(4,573)	1:128:A:LEU:HD21	1:130:A:GLY:H	19	0.3
(4,573)	1:128:A:LEU:HD22	1:130:A:GLY:H	19	0.3
(4,573)	1:128:A:LEU:HD23	1:130:A:GLY:H	19	0.3
(4,425)	1:68:A:LYS:H	1:68:A:LYS:HE2	17	0.3
(4,425)	1:68:A:LYS:H	1:68:A:LYS:HE3	17	0.3
(4,310)	1:136:A:CYS:HA	1:140:A:LEU:H	3	0.3
(4,304)	1:64:A:LYS:HD2	1:65:A:CYS:H	11	0.3
(4,304)	1:64:A:LYS:HD3	1:65:A:CYS:H	11	0.3
(4,252)	1:27:A:ARG:HA	1:29:A:LYS:H	18	0.3
(4,72)	1:44:A:GLU:HB2	1:45:A:ALA:H	15	0.3
(4,72)	1:44:A:GLU:HB3	1:45:A:ALA:H	15	0.3
(4,69)	1:13:A:ALA:HB1	1:81:A:GLU:H	5	0.3
(4,69)	1:13:A:ALA:HB2	1:81:A:GLU:H	5	0.3
(4,69)	1:13:A:ALA:HB3	1:81:A:GLU:H	5	0.3
(4,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	8	0.3
(4,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	18	0.3
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	10	0.3
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	10	0.3
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	10	0.3
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	10	0.3
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	10	0.3
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	10	0.3
(3,2107)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	16	0.3
(3,2107)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	16	0.3
(3,2107)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	16	0.3
(3,2107)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	16	0.3
(3,2107)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	16	0.3
(3,2107)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	16	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2018)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	19	0.3
(3,2018)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	19	0.3
(3,2018)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	19	0.3
(3,2018)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	19	0.3
(3,2018)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	19	0.3
(3,2018)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	19	0.3
(3,2010)	1:14:A:VAL:HB	1:131:A:LEU:HD11	12	0.3
(3,2010)	1:14:A:VAL:HB	1:131:A:LEU:HD12	12	0.3
(3,2010)	1:14:A:VAL:HB	1:131:A:LEU:HD13	12	0.3
(3,2010)	1:14:A:VAL:HB	1:131:A:LEU:HD21	12	0.3
(3,2010)	1:14:A:VAL:HB	1:131:A:LEU:HD22	12	0.3
(3,2010)	1:14:A:VAL:HB	1:131:A:LEU:HD23	12	0.3
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB2	12	0.3
(3,1967)	1:10:A:ASN:HB2	1:81:A:GLU:HB3	12	0.3
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB2	12	0.3
(3,1967)	1:10:A:ASN:HB3	1:81:A:GLU:HB3	12	0.3
(3,1932)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	3	0.3
(3,1932)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	3	0.3
(3,1932)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	3	0.3
(3,1932)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	3	0.3
(3,1932)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	3	0.3
(3,1932)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	3	0.3
(3,1929)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	11	0.3
(3,1929)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	11	0.3
(3,1929)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	11	0.3
(3,1929)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	11	0.3
(3,1885)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	17	0.3
(3,1883)	1:9:A:PHE:HZ	1:11:A:ILE:HA	18	0.3
(3,1877)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	7	0.3
(3,1877)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	7	0.3
(3,1877)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	7	0.3
(3,1877)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	7	0.3
(3,1877)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	7	0.3
(3,1877)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	7	0.3
(3,1874)	1:80:A:TYR:HE1	1:81:A:GLU:HG2	16	0.3
(3,1874)	1:80:A:TYR:HE1	1:81:A:GLU:HG3	16	0.3
(3,1874)	1:80:A:TYR:HE2	1:81:A:GLU:HG2	16	0.3
(3,1874)	1:80:A:TYR:HE2	1:81:A:GLU:HG3	16	0.3
(3,1767)	1:98:A:ILE:HG21	1:102:A:PRO:HD3	5	0.3
(3,1767)	1:98:A:ILE:HG22	1:102:A:PRO:HD3	5	0.3
(3,1767)	1:98:A:ILE:HG23	1:102:A:PRO:HD3	5	0.3
(3,1696)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	13	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1696)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	13	0.3
(3,1635)	1:119:A:LEU:H	1:121:A:VAL:HG11	6	0.3
(3,1635)	1:119:A:LEU:H	1:121:A:VAL:HG12	6	0.3
(3,1635)	1:119:A:LEU:H	1:121:A:VAL:HG13	6	0.3
(3,1635)	1:119:A:LEU:H	1:121:A:VAL:HG11	15	0.3
(3,1635)	1:119:A:LEU:H	1:121:A:VAL:HG12	15	0.3
(3,1635)	1:119:A:LEU:H	1:121:A:VAL:HG13	15	0.3
(3,1635)	1:119:A:LEU:H	1:121:A:VAL:HG11	16	0.3
(3,1635)	1:119:A:LEU:H	1:121:A:VAL:HG12	16	0.3
(3,1635)	1:119:A:LEU:H	1:121:A:VAL:HG13	16	0.3
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	4	0.3
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	4	0.3
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	4	0.3
(3,1540)	1:69:A:MET:HE1	1:114:A:ILE:H	10	0.3
(3,1540)	1:69:A:MET:HE2	1:114:A:ILE:H	10	0.3
(3,1540)	1:69:A:MET:HE3	1:114:A:ILE:H	10	0.3
(3,1458)	1:101:A:ILE:HB	1:115:A:ALA:HB1	19	0.3
(3,1458)	1:101:A:ILE:HB	1:115:A:ALA:HB2	19	0.3
(3,1458)	1:101:A:ILE:HB	1:115:A:ALA:HB3	19	0.3
(3,1442)	1:73:A:ILE:HG21	1:110:A:MET:HG2	5	0.3
(3,1442)	1:73:A:ILE:HG21	1:110:A:MET:HG3	5	0.3
(3,1442)	1:73:A:ILE:HG22	1:110:A:MET:HG2	5	0.3
(3,1442)	1:73:A:ILE:HG22	1:110:A:MET:HG3	5	0.3
(3,1442)	1:73:A:ILE:HG23	1:110:A:MET:HG2	5	0.3
(3,1442)	1:73:A:ILE:HG23	1:110:A:MET:HG3	5	0.3
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG21	5	0.3
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG22	5	0.3
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG23	5	0.3
(3,1391)	1:39:A:VAL:HG11	1:144:A:LEU:H	13	0.3
(3,1391)	1:39:A:VAL:HG12	1:144:A:LEU:H	13	0.3
(3,1391)	1:39:A:VAL:HG13	1:144:A:LEU:H	13	0.3
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD11	16	0.3
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD12	16	0.3
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD13	16	0.3
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD11	16	0.3
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD12	16	0.3
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD13	16	0.3
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD11	16	0.3
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD12	16	0.3
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD13	16	0.3
(3,1368)	1:17:A:ASN:HA	1:76:A:ARG:HA	5	0.3
(3,1357)	1:64:A:LYS:HA	1:64:A:LYS:HD2	14	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1357)	1:64:A:LYS:HA	1:64:A:LYS:HD3	14	0.3
(3,1276)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	12	0.3
(3,1276)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	12	0.3
(3,1276)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	12	0.3
(3,1276)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	12	0.3
(3,1276)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	12	0.3
(3,1276)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	12	0.3
(3,1276)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	12	0.3
(3,1276)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	12	0.3
(3,1276)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	12	0.3
(3,1254)	1:140:A:LEU:HA	1:144:A:LEU:HD21	17	0.3
(3,1254)	1:140:A:LEU:HA	1:144:A:LEU:HD22	17	0.3
(3,1254)	1:140:A:LEU:HA	1:144:A:LEU:HD23	17	0.3
(3,1248)	1:144:A:LEU:HD21	1:145:A:PRO:HD2	7	0.3
(3,1248)	1:144:A:LEU:HD22	1:145:A:PRO:HD2	7	0.3
(3,1248)	1:144:A:LEU:HD23	1:145:A:PRO:HD2	7	0.3
(3,1248)	1:144:A:LEU:HD21	1:145:A:PRO:HD2	15	0.3
(3,1248)	1:144:A:LEU:HD22	1:145:A:PRO:HD2	15	0.3
(3,1248)	1:144:A:LEU:HD23	1:145:A:PRO:HD2	15	0.3
(3,1188)	1:140:A:LEU:HD21	1:144:A:LEU:H	2	0.3
(3,1188)	1:140:A:LEU:HD22	1:144:A:LEU:H	2	0.3
(3,1188)	1:140:A:LEU:HD23	1:144:A:LEU:H	2	0.3
(3,1142)	1:143:A:TRP:HA	1:143:A:TRP:HE3	13	0.3
(3,1113)	1:136:A:CYS:HB3	1:141:A:LYS:HA	19	0.3
(3,1101)	1:101:A:ILE:HG21	1:112:A:GLN:HA	6	0.3
(3,1101)	1:101:A:ILE:HG22	1:112:A:GLN:HA	6	0.3
(3,1101)	1:101:A:ILE:HG23	1:112:A:GLN:HA	6	0.3
(3,1038)	1:27:A:ARG:HB2	1:28:A:GLY:HA2	11	0.3
(3,1038)	1:27:A:ARG:HB2	1:28:A:GLY:HA3	11	0.3
(3,945)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	19	0.3
(3,945)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	19	0.3
(3,945)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	19	0.3
(3,945)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	19	0.3
(3,943)	1:34:A:LYS:H	1:81:A:GLU:HG2	2	0.3
(3,943)	1:34:A:LYS:H	1:81:A:GLU:HG3	2	0.3
(3,943)	1:34:A:LYS:H	1:81:A:GLU:HG2	17	0.3
(3,943)	1:34:A:LYS:H	1:81:A:GLU:HG3	17	0.3
(3,807)	1:11:A:ILE:HD11	1:43:A:MET:HG3	1	0.3
(3,807)	1:11:A:ILE:HD12	1:43:A:MET:HG3	1	0.3
(3,807)	1:11:A:ILE:HD13	1:43:A:MET:HG3	1	0.3
(3,778)	1:101:A:ILE:HD11	1:118:A:ASP:HB3	12	0.3
(3,778)	1:101:A:ILE:HD12	1:118:A:ASP:HB3	12	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,778)	1:101:A:ILE:HD13	1:118:A:ASP:HB3	12	0.3
(3,756)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	3	0.3
(3,756)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	3	0.3
(3,755)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	2	0.3
(3,678)	1:116:A:GLN:HG3	1:117:A:VAL:H	15	0.3
(3,350)	1:73:A:ILE:HD11	1:111:A:GLU:H	6	0.3
(3,350)	1:73:A:ILE:HD12	1:111:A:GLU:H	6	0.3
(3,350)	1:73:A:ILE:HD13	1:111:A:GLU:H	6	0.3
(3,350)	1:73:A:ILE:HD11	1:111:A:GLU:H	16	0.3
(3,350)	1:73:A:ILE:HD12	1:111:A:GLU:H	16	0.3
(3,350)	1:73:A:ILE:HD13	1:111:A:GLU:H	16	0.3
(3,343)	1:123:A:CYS:H	1:123:A:CYS:HB3	10	0.3
(3,235)	1:40:A:LEU:HD11	1:44:A:GLU:H	11	0.3
(3,235)	1:40:A:LEU:HD12	1:44:A:GLU:H	11	0.3
(3,235)	1:40:A:LEU:HD13	1:44:A:GLU:H	11	0.3
(3,188)	1:58:A:ILE:HG21	1:60:A:LEU:H	2	0.3
(3,188)	1:58:A:ILE:HG22	1:60:A:LEU:H	2	0.3
(3,188)	1:58:A:ILE:HG23	1:60:A:LEU:H	2	0.3
(3,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	6	0.3
(3,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	6	0.3
(3,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	6	0.3
(3,104)	1:69:A:MET:H	1:69:A:MET:HE1	4	0.3
(3,104)	1:69:A:MET:H	1:69:A:MET:HE2	4	0.3
(3,104)	1:69:A:MET:H	1:69:A:MET:HE3	4	0.3
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD11	6	0.3
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD12	6	0.3
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD13	6	0.3
(3,67)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3
(3,67)	1:117:A:VAL:H	1:117:A:VAL:HB	15	0.3
(3,62)	1:117:A:VAL:H	1:118:A:ASP:HB2	2	0.3
(3,58)	1:11:A:ILE:HD11	1:47:A:ALA:H	10	0.3
(3,58)	1:11:A:ILE:HD12	1:47:A:ALA:H	10	0.3
(3,58)	1:11:A:ILE:HD13	1:47:A:ALA:H	10	0.3
(3,42)	1:43:A:MET:HA	1:47:A:ALA:H	6	0.3
(3,13)	1:64:A:LYS:H	1:64:A:LYS:HE2	2	0.3
(3,13)	1:64:A:LYS:H	1:64:A:LYS:HE3	2	0.3
(2,2334)	1:104:A:PHE:HD1	1:116:A:GLN:HG2	3	0.3
(2,2334)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	3	0.3
(2,2334)	1:104:A:PHE:HD2	1:116:A:GLN:HG2	3	0.3
(2,2334)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	3	0.3
(2,2297)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	12	0.3
(2,2297)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	12	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2294)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	2	0.3
(2,2294)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	2	0.3
(2,2294)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	5	0.3
(2,2294)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	5	0.3
(2,2294)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	8	0.3
(2,2294)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	8	0.3
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD11	8	0.3
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD12	8	0.3
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD13	8	0.3
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD21	8	0.3
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD22	8	0.3
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD23	8	0.3
(2,2065)	1:29:A:LYS:HA	1:30:A:LEU:HD11	3	0.3
(2,2065)	1:29:A:LYS:HA	1:30:A:LEU:HD12	3	0.3
(2,2065)	1:29:A:LYS:HA	1:30:A:LEU:HD13	3	0.3
(2,2065)	1:29:A:LYS:HA	1:30:A:LEU:HD21	3	0.3
(2,2065)	1:29:A:LYS:HA	1:30:A:LEU:HD22	3	0.3
(2,2065)	1:29:A:LYS:HA	1:30:A:LEU:HD23	3	0.3
(2,2056)	1:23:A:LEU:HD11	1:25:A:ALA:H	6	0.3
(2,2056)	1:23:A:LEU:HD12	1:25:A:ALA:H	6	0.3
(2,2056)	1:23:A:LEU:HD13	1:25:A:ALA:H	6	0.3
(2,2056)	1:23:A:LEU:HD21	1:25:A:ALA:H	6	0.3
(2,2056)	1:23:A:LEU:HD22	1:25:A:ALA:H	6	0.3
(2,2056)	1:23:A:LEU:HD23	1:25:A:ALA:H	6	0.3
(2,1968)	1:10:A:ASN:HB3	1:61:A:SER:HB2	8	0.3
(2,1968)	1:10:A:ASN:HB3	1:61:A:SER:HB3	8	0.3
(2,1955)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	11	0.3
(2,1955)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	11	0.3
(2,1955)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	11	0.3
(2,1955)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	11	0.3
(2,1955)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	11	0.3
(2,1955)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	11	0.3
(2,1926)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	11	0.3
(2,1926)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	11	0.3
(2,1926)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	11	0.3
(2,1926)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	11	0.3
(2,1920)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	3	0.3
(2,1920)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	3	0.3
(2,1920)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	3	0.3
(2,1920)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	3	0.3
(2,1920)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	3	0.3
(2,1920)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	3	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1872)	1:80:A:TYR:HE1	1:81:A:GLU:HG2	16	0.3
(2,1872)	1:80:A:TYR:HE1	1:81:A:GLU:HG3	16	0.3
(2,1872)	1:80:A:TYR:HE2	1:81:A:GLU:HG2	16	0.3
(2,1872)	1:80:A:TYR:HE2	1:81:A:GLU:HG3	16	0.3
(2,1808)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	14	0.3
(2,1808)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	14	0.3
(2,1808)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	14	0.3
(2,1808)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	14	0.3
(2,1786)	1:97:A:ASP:HA	1:105:A:LYS:HA	3	0.3
(2,1781)	1:141:A:LYS:HA	1:149:A:ALA:H	6	0.3
(2,1701)	1:69:A:MET:HA	1:109:A:PRO:HA	6	0.3
(2,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	1	0.3
(2,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	1	0.3
(2,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	1	0.3
(2,1616)	1:119:A:LEU:H	1:121:A:VAL:HG11	6	0.3
(2,1616)	1:119:A:LEU:H	1:121:A:VAL:HG12	6	0.3
(2,1616)	1:119:A:LEU:H	1:121:A:VAL:HG13	6	0.3
(2,1616)	1:119:A:LEU:H	1:121:A:VAL:HG11	15	0.3
(2,1616)	1:119:A:LEU:H	1:121:A:VAL:HG12	15	0.3
(2,1616)	1:119:A:LEU:H	1:121:A:VAL:HG13	15	0.3
(2,1616)	1:119:A:LEU:H	1:121:A:VAL:HG11	16	0.3
(2,1616)	1:119:A:LEU:H	1:121:A:VAL:HG12	16	0.3
(2,1616)	1:119:A:LEU:H	1:121:A:VAL:HG13	16	0.3
(2,1517)	1:69:A:MET:HE1	1:114:A:ILE:H	10	0.3
(2,1517)	1:69:A:MET:HE2	1:114:A:ILE:H	10	0.3
(2,1517)	1:69:A:MET:HE3	1:114:A:ILE:H	10	0.3
(2,1369)	1:39:A:VAL:HG11	1:144:A:LEU:H	1	0.3
(2,1369)	1:39:A:VAL:HG12	1:144:A:LEU:H	1	0.3
(2,1369)	1:39:A:VAL:HG13	1:144:A:LEU:H	1	0.3
(2,1362)	1:39:A:VAL:HG11	1:143:A:TRP:H	18	0.3
(2,1362)	1:39:A:VAL:HG12	1:143:A:TRP:H	18	0.3
(2,1362)	1:39:A:VAL:HG13	1:143:A:TRP:H	18	0.3
(2,1348)	1:125:A:THR:HG21	1:129:A:LYS:HB2	15	0.3
(2,1348)	1:125:A:THR:HG21	1:129:A:LYS:HB3	15	0.3
(2,1348)	1:125:A:THR:HG22	1:129:A:LYS:HB2	15	0.3
(2,1348)	1:125:A:THR:HG22	1:129:A:LYS:HB3	15	0.3
(2,1348)	1:125:A:THR:HG23	1:129:A:LYS:HB2	15	0.3
(2,1348)	1:125:A:THR:HG23	1:129:A:LYS:HB3	15	0.3
(2,1348)	1:125:A:THR:HG21	1:129:A:LYS:HB2	17	0.3
(2,1348)	1:125:A:THR:HG21	1:129:A:LYS:HB3	17	0.3
(2,1348)	1:125:A:THR:HG22	1:129:A:LYS:HB2	17	0.3
(2,1348)	1:125:A:THR:HG22	1:129:A:LYS:HB3	17	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1348)	1:125:A:THR:HG23	1:129:A:LYS:HB2	17	0.3
(2,1348)	1:125:A:THR:HG23	1:129:A:LYS:HB3	17	0.3
(2,1345)	1:17:A:ASN:HA	1:76:A:ARG:HA	5	0.3
(2,1329)	1:64:A:LYS:HA	1:64:A:LYS:HD2	14	0.3
(2,1329)	1:64:A:LYS:HA	1:64:A:LYS:HD3	14	0.3
(2,1174)	1:129:A:LYS:HA	1:129:A:LYS:HG2	13	0.3
(2,1174)	1:129:A:LYS:HA	1:129:A:LYS:HG2	15	0.3
(2,1161)	1:140:A:LEU:HD21	1:144:A:LEU:H	2	0.3
(2,1161)	1:140:A:LEU:HD22	1:144:A:LEU:H	2	0.3
(2,1161)	1:140:A:LEU:HD23	1:144:A:LEU:H	2	0.3
(2,1145)	1:13:A:ALA:HB1	1:80:A:TYR:HA	11	0.3
(2,1145)	1:13:A:ALA:HB2	1:80:A:TYR:HA	11	0.3
(2,1145)	1:13:A:ALA:HB3	1:80:A:TYR:HA	11	0.3
(2,1116)	1:40:A:LEU:HA	1:43:A:MET:HG3	3	0.3
(2,1093)	1:116:A:GLN:HA	1:119:A:LEU:HD21	2	0.3
(2,1093)	1:116:A:GLN:HA	1:119:A:LEU:HD22	2	0.3
(2,1093)	1:116:A:GLN:HA	1:119:A:LEU:HD23	2	0.3
(2,1008)	1:34:A:LYS:H	1:81:A:GLU:HB2	12	0.3
(2,951)	1:15:A:ALA:HB1	1:43:A:MET:HB2	14	0.3
(2,951)	1:15:A:ALA:HB2	1:43:A:MET:HB2	14	0.3
(2,951)	1:15:A:ALA:HB3	1:43:A:MET:HB2	14	0.3
(2,927)	1:69:A:MET:HG2	1:109:A:PRO:HA	12	0.3
(2,917)	1:34:A:LYS:H	1:81:A:GLU:HG2	2	0.3
(2,917)	1:34:A:LYS:H	1:81:A:GLU:HG3	2	0.3
(2,917)	1:34:A:LYS:H	1:81:A:GLU:HG2	17	0.3
(2,917)	1:34:A:LYS:H	1:81:A:GLU:HG3	17	0.3
(2,716)	1:76:A:ARG:HA	1:76:A:ARG:HE	4	0.3
(2,696)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	3	0.3
(2,696)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	3	0.3
(2,685)	1:145:A:PRO:HB3	1:148:A:CYS:H	3	0.3
(2,642)	1:66:A:THR:H	1:69:A:MET:HA	3	0.3
(2,538)	1:60:A:LEU:HD21	1:61:A:SER:H	6	0.3
(2,538)	1:60:A:LEU:HD22	1:61:A:SER:H	6	0.3
(2,538)	1:60:A:LEU:HD23	1:61:A:SER:H	6	0.3
(2,424)	1:39:A:VAL:HG21	1:143:A:TRP:H	7	0.3
(2,424)	1:39:A:VAL:HG22	1:143:A:TRP:H	7	0.3
(2,424)	1:39:A:VAL:HG23	1:143:A:TRP:H	7	0.3
(2,338)	1:123:A:CYS:H	1:123:A:CYS:HB3	10	0.3
(2,226)	1:10:A:ASN:H	1:10:A:ASN:HB3	3	0.3
(2,187)	1:60:A:LEU:H	1:63:A:ILE:HD11	19	0.3
(2,187)	1:60:A:LEU:H	1:63:A:ILE:HD12	19	0.3
(2,187)	1:60:A:LEU:H	1:63:A:ILE:HD13	19	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,64)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3
(2,64)	1:117:A:VAL:H	1:117:A:VAL:HB	15	0.3
(2,59)	1:117:A:VAL:H	1:118:A:ASP:HB2	2	0.3
(1,2435)	1:140:A:LEU:HD11	1:144:A:LEU:H	13	0.3
(1,2435)	1:140:A:LEU:HD12	1:144:A:LEU:H	13	0.3
(1,2435)	1:140:A:LEU:HD13	1:144:A:LEU:H	13	0.3
(1,2435)	1:140:A:LEU:HD21	1:144:A:LEU:H	13	0.3
(1,2435)	1:140:A:LEU:HD22	1:144:A:LEU:H	13	0.3
(1,2435)	1:140:A:LEU:HD23	1:144:A:LEU:H	13	0.3
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	9	0.3
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	9	0.3
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	9	0.3
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	9	0.3
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	9	0.3
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	9	0.3
(1,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	15	0.3
(1,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	15	0.3
(1,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	15	0.3
(1,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	15	0.3
(1,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	15	0.3
(1,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	15	0.3
(1,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	15	0.3
(1,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	15	0.3
(1,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	15	0.3
(1,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	15	0.3
(1,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	15	0.3
(1,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	15	0.3
(1,2027)	1:23:A:LEU:HD11	1:26:A:ASP:HA	9	0.3
(1,2027)	1:23:A:LEU:HD12	1:26:A:ASP:HA	9	0.3
(1,2027)	1:23:A:LEU:HD13	1:26:A:ASP:HA	9	0.3
(1,2027)	1:23:A:LEU:HD21	1:26:A:ASP:HA	9	0.3
(1,2027)	1:23:A:LEU:HD22	1:26:A:ASP:HA	9	0.3
(1,2027)	1:23:A:LEU:HD23	1:26:A:ASP:HA	9	0.3
(1,1993)	1:16:A:SER:HB2	1:43:A:MET:HE1	11	0.3
(1,1993)	1:16:A:SER:HB2	1:43:A:MET:HE2	11	0.3
(1,1993)	1:16:A:SER:HB2	1:43:A:MET:HE3	11	0.3
(1,1993)	1:16:A:SER:HB3	1:43:A:MET:HE1	11	0.3
(1,1993)	1:16:A:SER:HB3	1:43:A:MET:HE2	11	0.3
(1,1993)	1:16:A:SER:HB3	1:43:A:MET:HE3	11	0.3
(1,1981)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	7	0.3
(1,1981)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	7	0.3
(1,1981)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	7	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1981)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	7	0.3
(1,1981)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	7	0.3
(1,1981)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	7	0.3
(1,1981)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	7	0.3
(1,1981)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	7	0.3
(1,1981)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	7	0.3
(1,1981)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	7	0.3
(1,1981)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	7	0.3
(1,1981)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	7	0.3
(1,1981)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	7	0.3
(1,1981)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	7	0.3
(1,1981)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	7	0.3
(1,1981)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	7	0.3
(1,1981)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	7	0.3
(1,1981)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	7	0.3
(1,1981)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	7	0.3
(1,1981)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	7	0.3
(1,1981)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	7	0.3
(1,1981)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	7	0.3
(1,1981)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	7	0.3
(1,1981)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	7	0.3
(1,1981)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	7	0.3
(1,1981)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	7	0.3
(1,1981)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	7	0.3
(1,1981)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	7	0.3
(1,1981)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	7	0.3
(1,1981)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	7	0.3
(1,1981)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	7	0.3
(1,1981)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	7	0.3
(1,1981)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	7	0.3
(1,1981)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	7	0.3
(1,1981)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	7	0.3
(1,1981)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	7	0.3
(1,1980)	1:14:A:VAL:HG11	1:62:A:HIS:H	12	0.3
(1,1980)	1:14:A:VAL:HG12	1:62:A:HIS:H	12	0.3
(1,1980)	1:14:A:VAL:HG13	1:62:A:HIS:H	12	0.3
(1,1980)	1:14:A:VAL:HG21	1:62:A:HIS:H	12	0.3
(1,1980)	1:14:A:VAL:HG22	1:62:A:HIS:H	12	0.3
(1,1980)	1:14:A:VAL:HG23	1:62:A:HIS:H	12	0.3
(1,1972)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	1	0.3
(1,1972)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	1	0.3
(1,1972)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	1	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1972)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	1	0.3
(1,1972)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	1	0.3
(1,1972)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	1	0.3
(1,1972)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	1	0.3
(1,1972)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	1	0.3
(1,1972)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	1	0.3
(1,1972)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	1	0.3
(1,1972)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	1	0.3
(1,1972)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	1	0.3
(1,1945)	1:10:A:ASN:HB3	1:61:A:SER:HB2	8	0.3
(1,1945)	1:10:A:ASN:HB3	1:61:A:SER:HB3	8	0.3
(1,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	3	0.3
(1,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	3	0.3
(1,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	3	0.3
(1,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	3	0.3
(1,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	3	0.3
(1,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	3	0.3
(1,1898)	1:104:A:PHE:HE1	1:105:A:LYS:H	9	0.3
(1,1898)	1:104:A:PHE:HE2	1:105:A:LYS:H	9	0.3
(1,1879)	1:113:A:PHE:HE1	1:114:A:ILE:HA	4	0.3
(1,1879)	1:113:A:PHE:HE2	1:114:A:ILE:HA	4	0.3
(1,1862)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	7	0.3
(1,1862)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	7	0.3
(1,1862)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	7	0.3
(1,1862)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	7	0.3
(1,1862)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	7	0.3
(1,1862)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	7	0.3
(1,1859)	1:80:A:TYR:HE1	1:81:A:GLU:HG2	16	0.3
(1,1859)	1:80:A:TYR:HE1	1:81:A:GLU:HG3	16	0.3
(1,1859)	1:80:A:TYR:HE2	1:81:A:GLU:HG2	16	0.3
(1,1859)	1:80:A:TYR:HE2	1:81:A:GLU:HG3	16	0.3
(1,1856)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	8	0.3
(1,1856)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	8	0.3
(1,1856)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	8	0.3
(1,1856)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	13	0.3
(1,1856)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	13	0.3
(1,1856)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	13	0.3
(1,1804)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	5	0.3
(1,1804)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	5	0.3
(1,1804)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	5	0.3
(1,1804)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	5	0.3
(1,1804)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	5	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1804)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	5	0.3
(1,1795)	1:13:A:ALA:H	1:80:A:TYR:HD1	16	0.3
(1,1795)	1:13:A:ALA:H	1:80:A:TYR:HD2	16	0.3
(1,1746)	1:98:A:ILE:HG21	1:102:A:PRO:HD3	5	0.3
(1,1746)	1:98:A:ILE:HG22	1:102:A:PRO:HD3	5	0.3
(1,1746)	1:98:A:ILE:HG23	1:102:A:PRO:HD3	5	0.3
(1,1670)	1:69:A:MET:HE1	1:116:A:GLN:HE21	9	0.3
(1,1670)	1:69:A:MET:HE2	1:116:A:GLN:HE21	9	0.3
(1,1670)	1:69:A:MET:HE3	1:116:A:GLN:HE21	9	0.3
(1,1640)	1:79:A:THR:H	1:80:A:TYR:HA	7	0.3
(1,1640)	1:79:A:THR:H	1:80:A:TYR:HA	13	0.3
(1,1629)	1:23:A:LEU:HB2	1:24:A:ASP:HA	17	0.3
(1,1629)	1:23:A:LEU:HB3	1:24:A:ASP:HA	17	0.3
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	3	0.3
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	3	0.3
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	3	0.3
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	3	0.3
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	3	0.3
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	3	0.3
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	7	0.3
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	7	0.3
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	7	0.3
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	7	0.3
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	7	0.3
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	7	0.3
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	14	0.3
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	14	0.3
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	14	0.3
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	14	0.3
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	14	0.3
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	14	0.3
(1,1426)	1:73:A:ILE:HG21	1:110:A:MET:HG2	5	0.3
(1,1426)	1:73:A:ILE:HG21	1:110:A:MET:HG3	5	0.3
(1,1426)	1:73:A:ILE:HG22	1:110:A:MET:HG2	5	0.3
(1,1426)	1:73:A:ILE:HG22	1:110:A:MET:HG3	5	0.3
(1,1426)	1:73:A:ILE:HG23	1:110:A:MET:HG2	5	0.3
(1,1426)	1:73:A:ILE:HG23	1:110:A:MET:HG3	5	0.3
(1,1410)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	7	0.3
(1,1410)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	7	0.3
(1,1410)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	7	0.3
(1,1353)	1:141:A:LYS:HB2	1:149:A:ALA:HA	2	0.3
(1,1353)	1:141:A:LYS:HB3	1:149:A:ALA:HA	2	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	3	0.3
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	3	0.3
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	3	0.3
(1,1334)	1:64:A:LYS:HA	1:64:A:LYS:HD2	14	0.3
(1,1334)	1:64:A:LYS:HA	1:64:A:LYS:HD3	14	0.3
(1,1154)	1:116:A:GLN:HA	1:119:A:LEU:HG	15	0.3
(1,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	11	0.3
(1,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	11	0.3
(1,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	11	0.3
(1,1136)	1:40:A:LEU:HA	1:43:A:MET:HG3	3	0.3
(1,1131)	1:143:A:TRP:HA	1:143:A:TRP:HE3	13	0.3
(1,1112)	1:116:A:GLN:HA	1:119:A:LEU:HD21	2	0.3
(1,1112)	1:116:A:GLN:HA	1:119:A:LEU:HD22	2	0.3
(1,1112)	1:116:A:GLN:HA	1:119:A:LEU:HD23	2	0.3
(1,1106)	1:136:A:CYS:HB3	1:141:A:LYS:HA	19	0.3
(1,1048)	1:11:A:ILE:HB	1:44:A:GLU:HB2	9	0.3
(1,1048)	1:11:A:ILE:HB	1:44:A:GLU:HB3	9	0.3
(1,978)	1:66:A:THR:H	1:96:A:VAL:HB	17	0.3
(1,936)	1:43:A:MET:HA	1:44:A:GLU:HG2	5	0.3
(1,817)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	10	0.3
(1,817)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	10	0.3
(1,817)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	10	0.3
(1,817)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	10	0.3
(1,817)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	10	0.3
(1,817)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	10	0.3
(1,798)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	13	0.3
(1,798)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	13	0.3
(1,798)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	13	0.3
(1,796)	1:101:A:ILE:HD11	1:119:A:LEU:HG	15	0.3
(1,796)	1:101:A:ILE:HD12	1:119:A:LEU:HG	15	0.3
(1,796)	1:101:A:ILE:HD13	1:119:A:LEU:HG	15	0.3
(1,732)	1:76:A:ARG:HA	1:76:A:ARG:HE	4	0.3
(1,705)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	3	0.3
(1,705)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	3	0.3
(1,679)	1:116:A:GLN:HG3	1:117:A:VAL:H	15	0.3
(1,650)	1:66:A:THR:H	1:69:A:MET:HA	3	0.3
(1,619)	1:14:A:VAL:HB	1:16:A:SER:H	4	0.3
(1,567)	1:10:A:ASN:HD21	1:12:A:VAL:HG21	16	0.3
(1,567)	1:10:A:ASN:HD21	1:12:A:VAL:HG22	16	0.3
(1,567)	1:10:A:ASN:HD21	1:12:A:VAL:HG23	16	0.3
(1,467)	1:14:A:VAL:H	1:14:A:VAL:HB	14	0.3
(1,346)	1:123:A:CYS:H	1:123:A:CYS:HB3	10	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE1	12	0.3
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE2	12	0.3
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE3	12	0.3
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE1	17	0.3
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE2	17	0.3
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE3	17	0.3
(1,238)	1:10:A:ASN:H	1:10:A:ASN:HB3	3	0.3
(1,82)	1:23:A:LEU:H	1:26:A:ASP:HB2	12	0.3
(1,82)	1:23:A:LEU:H	1:26:A:ASP:HB3	12	0.3
(1,68)	1:117:A:VAL:H	1:117:A:VAL:HB	2	0.3
(1,68)	1:117:A:VAL:H	1:117:A:VAL:HB	15	0.3
(1,58)	1:98:A:ILE:H	1:101:A:ILE:HG13	8	0.3
(1,58)	1:98:A:ILE:H	1:101:A:ILE:HG13	18	0.3
(1,13)	1:64:A:LYS:H	1:64:A:LYS:HE2	2	0.3
(1,13)	1:64:A:LYS:H	1:64:A:LYS:HE3	2	0.3
(34,2478)	1:140:A:LEU:HD11	1:144:A:LEU:H	13	0.29
(34,2478)	1:140:A:LEU:HD12	1:144:A:LEU:H	13	0.29
(34,2478)	1:140:A:LEU:HD13	1:144:A:LEU:H	13	0.29
(34,2478)	1:140:A:LEU:HD21	1:144:A:LEU:H	13	0.29
(34,2478)	1:140:A:LEU:HD22	1:144:A:LEU:H	13	0.29
(34,2478)	1:140:A:LEU:HD23	1:144:A:LEU:H	13	0.29
(34,2450)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	8	0.29
(34,2450)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	8	0.29
(34,2450)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	8	0.29
(34,2450)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	8	0.29
(34,2450)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	8	0.29
(34,2450)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	8	0.29
(34,2450)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	8	0.29
(34,2450)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	8	0.29
(34,2450)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	8	0.29
(34,2450)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	8	0.29
(34,2450)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	8	0.29
(34,2450)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	8	0.29
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG11	16	0.29
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG12	16	0.29
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG13	16	0.29
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG21	16	0.29
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG22	16	0.29
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG23	16	0.29
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG11	18	0.29
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG12	18	0.29
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG13	18	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG21	18	0.29
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG22	18	0.29
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG23	18	0.29
(34,2337)	1:107:A:LEU:HD11	1:112:A:GLN:H	3	0.29
(34,2337)	1:107:A:LEU:HD12	1:112:A:GLN:H	3	0.29
(34,2337)	1:107:A:LEU:HD13	1:112:A:GLN:H	3	0.29
(34,2337)	1:107:A:LEU:HD21	1:112:A:GLN:H	3	0.29
(34,2337)	1:107:A:LEU:HD22	1:112:A:GLN:H	3	0.29
(34,2337)	1:107:A:LEU:HD23	1:112:A:GLN:H	3	0.29
(34,2313)	1:103:A:ARG:HE	1:107:A:LEU:HD11	12	0.29
(34,2313)	1:103:A:ARG:HE	1:107:A:LEU:HD12	12	0.29
(34,2313)	1:103:A:ARG:HE	1:107:A:LEU:HD13	12	0.29
(34,2313)	1:103:A:ARG:HE	1:107:A:LEU:HD21	12	0.29
(34,2313)	1:103:A:ARG:HE	1:107:A:LEU:HD22	12	0.29
(34,2313)	1:103:A:ARG:HE	1:107:A:LEU:HD23	12	0.29
(34,2278)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	19	0.29
(34,2278)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	19	0.29
(34,2277)	1:79:A:THR:HG21	1:81:A:GLU:HB2	3	0.29
(34,2277)	1:79:A:THR:HG21	1:81:A:GLU:HB3	3	0.29
(34,2277)	1:79:A:THR:HG22	1:81:A:GLU:HB2	3	0.29
(34,2277)	1:79:A:THR:HG22	1:81:A:GLU:HB3	3	0.29
(34,2277)	1:79:A:THR:HG23	1:81:A:GLU:HB2	3	0.29
(34,2277)	1:79:A:THR:HG23	1:81:A:GLU:HB3	3	0.29
(34,2239)	1:69:A:MET:HG2	1:72:A:PHE:HB2	5	0.29
(34,2239)	1:69:A:MET:HG3	1:72:A:PHE:HB2	5	0.29
(34,2217)	1:64:A:LYS:H	1:116:A:GLN:HE21	3	0.29
(34,2217)	1:64:A:LYS:H	1:116:A:GLN:HE22	3	0.29
(34,2180)	1:53:A:THR:H	1:57:A:LEU:HD11	11	0.29
(34,2180)	1:53:A:THR:H	1:57:A:LEU:HD12	11	0.29
(34,2180)	1:53:A:THR:H	1:57:A:LEU:HD13	11	0.29
(34,2180)	1:53:A:THR:H	1:57:A:LEU:HD21	11	0.29
(34,2180)	1:53:A:THR:H	1:57:A:LEU:HD22	11	0.29
(34,2180)	1:53:A:THR:H	1:57:A:LEU:HD23	11	0.29
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD11	18	0.29
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD12	18	0.29
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD13	18	0.29
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD21	18	0.29
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD22	18	0.29
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD23	18	0.29
(34,2140)	1:40:A:LEU:HD11	1:44:A:GLU:H	4	0.29
(34,2140)	1:40:A:LEU:HD12	1:44:A:GLU:H	4	0.29
(34,2140)	1:40:A:LEU:HD13	1:44:A:GLU:H	4	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2140)	1:40:A:LEU:HD21	1:44:A:GLU:H	4	0.29
(34,2140)	1:40:A:LEU:HD22	1:44:A:GLU:H	4	0.29
(34,2140)	1:40:A:LEU:HD23	1:44:A:GLU:H	4	0.29
(34,2119)	1:39:A:VAL:HG11	1:139:A:LEU:HD11	18	0.29
(34,2119)	1:39:A:VAL:HG11	1:139:A:LEU:HD12	18	0.29
(34,2119)	1:39:A:VAL:HG11	1:139:A:LEU:HD13	18	0.29
(34,2119)	1:39:A:VAL:HG11	1:139:A:LEU:HD21	18	0.29
(34,2119)	1:39:A:VAL:HG11	1:139:A:LEU:HD22	18	0.29
(34,2119)	1:39:A:VAL:HG11	1:139:A:LEU:HD23	18	0.29
(34,2119)	1:39:A:VAL:HG12	1:139:A:LEU:HD11	18	0.29
(34,2119)	1:39:A:VAL:HG12	1:139:A:LEU:HD12	18	0.29
(34,2119)	1:39:A:VAL:HG12	1:139:A:LEU:HD13	18	0.29
(34,2119)	1:39:A:VAL:HG12	1:139:A:LEU:HD21	18	0.29
(34,2119)	1:39:A:VAL:HG12	1:139:A:LEU:HD22	18	0.29
(34,2119)	1:39:A:VAL:HG12	1:139:A:LEU:HD23	18	0.29
(34,2119)	1:39:A:VAL:HG13	1:139:A:LEU:HD11	18	0.29
(34,2119)	1:39:A:VAL:HG13	1:139:A:LEU:HD12	18	0.29
(34,2119)	1:39:A:VAL:HG13	1:139:A:LEU:HD13	18	0.29
(34,2119)	1:39:A:VAL:HG13	1:139:A:LEU:HD21	18	0.29
(34,2119)	1:39:A:VAL:HG13	1:139:A:LEU:HD22	18	0.29
(34,2119)	1:39:A:VAL:HG13	1:139:A:LEU:HD23	18	0.29
(34,2119)	1:39:A:VAL:HG21	1:139:A:LEU:HD11	18	0.29
(34,2119)	1:39:A:VAL:HG21	1:139:A:LEU:HD12	18	0.29
(34,2119)	1:39:A:VAL:HG21	1:139:A:LEU:HD13	18	0.29
(34,2119)	1:39:A:VAL:HG21	1:139:A:LEU:HD21	18	0.29
(34,2119)	1:39:A:VAL:HG21	1:139:A:LEU:HD22	18	0.29
(34,2119)	1:39:A:VAL:HG21	1:139:A:LEU:HD23	18	0.29
(34,2119)	1:39:A:VAL:HG22	1:139:A:LEU:HD11	18	0.29
(34,2119)	1:39:A:VAL:HG22	1:139:A:LEU:HD12	18	0.29
(34,2119)	1:39:A:VAL:HG22	1:139:A:LEU:HD13	18	0.29
(34,2119)	1:39:A:VAL:HG22	1:139:A:LEU:HD21	18	0.29
(34,2119)	1:39:A:VAL:HG22	1:139:A:LEU:HD22	18	0.29
(34,2119)	1:39:A:VAL:HG22	1:139:A:LEU:HD23	18	0.29
(34,2119)	1:39:A:VAL:HG23	1:139:A:LEU:HD11	18	0.29
(34,2119)	1:39:A:VAL:HG23	1:139:A:LEU:HD12	18	0.29
(34,2119)	1:39:A:VAL:HG23	1:139:A:LEU:HD13	18	0.29
(34,2119)	1:39:A:VAL:HG23	1:139:A:LEU:HD21	18	0.29
(34,2119)	1:39:A:VAL:HG23	1:139:A:LEU:HD22	18	0.29
(34,2119)	1:39:A:VAL:HG23	1:139:A:LEU:HD23	18	0.29
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD11	16	0.29
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD12	16	0.29
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD13	16	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD21	16	0.29
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD22	16	0.29
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD23	16	0.29
(34,2000)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	19	0.29
(34,2000)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	19	0.29
(34,2000)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	19	0.29
(34,2000)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	19	0.29
(34,2000)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	19	0.29
(34,2000)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	19	0.29
(34,2000)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	19	0.29
(34,2000)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	19	0.29
(34,2000)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	19	0.29
(34,2000)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	19	0.29
(34,2000)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	19	0.29
(34,2000)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	19	0.29
(34,2000)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	19	0.29
(34,2000)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	19	0.29
(34,2000)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	19	0.29
(34,2000)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	19	0.29
(34,2000)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	19	0.29
(34,2000)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	19	0.29
(34,1978)	1:12:A:VAL:HG11	1:79:A:THR:HB	13	0.29
(34,1978)	1:12:A:VAL:HG12	1:79:A:THR:HB	13	0.29
(34,1978)	1:12:A:VAL:HG13	1:79:A:THR:HB	13	0.29
(34,1978)	1:12:A:VAL:HG21	1:79:A:THR:HB	13	0.29
(34,1978)	1:12:A:VAL:HG22	1:79:A:THR:HB	13	0.29
(34,1978)	1:12:A:VAL:HG23	1:79:A:THR:HB	13	0.29
(34,1935)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	9	0.29
(34,1935)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	9	0.29
(34,1923)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	3	0.29
(34,1923)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	7	0.29
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	6	0.29
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	6	0.29
(34,1869)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	6	0.29
(34,1865)	1:9:A:PHE:HZ	1:11:A:ILE:HA	12	0.29
(34,1830)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	19	0.29
(34,1830)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	19	0.29
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	16	0.29
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	16	0.29
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	16	0.29
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	16	0.29
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	16	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	16	0.29
(34,1817)	1:104:A:PHE:HE1	1:105:A:LYS:HA	4	0.29
(34,1817)	1:104:A:PHE:HE2	1:105:A:LYS:HA	4	0.29
(34,1798)	1:80:A:TYR:HD1	1:81:A:GLU:HA	16	0.29
(34,1798)	1:80:A:TYR:HD2	1:81:A:GLU:HA	16	0.29
(34,1778)	1:97:A:ASP:HA	1:105:A:LYS:HA	7	0.29
(34,1697)	1:69:A:MET:HG3	1:109:A:PRO:HA	3	0.29
(34,1671)	1:69:A:MET:H	1:69:A:MET:HE1	1	0.29
(34,1671)	1:69:A:MET:H	1:69:A:MET:HE2	1	0.29
(34,1671)	1:69:A:MET:H	1:69:A:MET:HE3	1	0.29
(34,1670)	1:69:A:MET:HE1	1:116:A:GLN:HE22	6	0.29
(34,1670)	1:69:A:MET:HE2	1:116:A:GLN:HE22	6	0.29
(34,1670)	1:69:A:MET:HE3	1:116:A:GLN:HE22	6	0.29
(34,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	18	0.29
(34,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	18	0.29
(34,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	18	0.29
(34,1611)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	1	0.29
(34,1611)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	1	0.29
(34,1611)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	1	0.29
(34,1611)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	1	0.29
(34,1611)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	1	0.29
(34,1611)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	1	0.29
(34,1603)	1:98:A:ILE:HG21	1:116:A:GLN:H	10	0.29
(34,1603)	1:98:A:ILE:HG22	1:116:A:GLN:H	10	0.29
(34,1603)	1:98:A:ILE:HG23	1:116:A:GLN:H	10	0.29
(34,1590)	1:61:A:SER:HA	1:63:A:ILE:HD11	3	0.29
(34,1590)	1:61:A:SER:HA	1:63:A:ILE:HD12	3	0.29
(34,1590)	1:61:A:SER:HA	1:63:A:ILE:HD13	3	0.29
(34,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD21	13	0.29
(34,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD22	13	0.29
(34,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD23	13	0.29
(34,1531)	1:69:A:MET:HE1	1:114:A:ILE:H	5	0.29
(34,1531)	1:69:A:MET:HE2	1:114:A:ILE:H	5	0.29
(34,1531)	1:69:A:MET:HE3	1:114:A:ILE:H	5	0.29
(34,1429)	1:73:A:ILE:HG21	1:110:A:MET:H	4	0.29
(34,1429)	1:73:A:ILE:HG22	1:110:A:MET:H	4	0.29
(34,1429)	1:73:A:ILE:HG23	1:110:A:MET:H	4	0.29
(34,1298)	1:113:A:PHE:HE1	1:117:A:VAL:HG11	7	0.29
(34,1298)	1:113:A:PHE:HE1	1:117:A:VAL:HG12	7	0.29
(34,1298)	1:113:A:PHE:HE1	1:117:A:VAL:HG13	7	0.29
(34,1298)	1:113:A:PHE:HE2	1:117:A:VAL:HG11	7	0.29
(34,1298)	1:113:A:PHE:HE2	1:117:A:VAL:HG12	7	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1298)	1:113:A:PHE:HE2	1:117:A:VAL:HG13	7	0.29
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG11	1	0.29
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG12	1	0.29
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG13	1	0.29
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG11	5	0.29
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG12	5	0.29
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG13	5	0.29
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG11	7	0.29
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG12	7	0.29
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG13	7	0.29
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG11	11	0.29
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG12	11	0.29
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG13	11	0.29
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG11	16	0.29
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG12	16	0.29
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG13	16	0.29
(34,1281)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	15	0.29
(34,1281)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	15	0.29
(34,1281)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	15	0.29
(34,1277)	1:37:A:LEU:HD11	1:38:A:GLU:HA	11	0.29
(34,1277)	1:37:A:LEU:HD12	1:38:A:GLU:HA	11	0.29
(34,1277)	1:37:A:LEU:HD13	1:38:A:GLU:HA	11	0.29
(34,1214)	1:23:A:LEU:HD21	1:24:A:ASP:H	6	0.29
(34,1214)	1:23:A:LEU:HD22	1:24:A:ASP:H	6	0.29
(34,1214)	1:23:A:LEU:HD23	1:24:A:ASP:H	6	0.29
(34,1186)	1:150:A:THR:HG21	1:151:A:PHE:HA	14	0.29
(34,1186)	1:150:A:THR:HG22	1:151:A:PHE:HA	14	0.29
(34,1186)	1:150:A:THR:HG23	1:151:A:PHE:HA	14	0.29
(34,1096)	1:140:A:LEU:H	1:140:A:LEU:HG	7	0.29
(34,1046)	1:34:A:LYS:H	1:81:A:GLU:HB3	12	0.29
(34,1043)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	9	0.29
(34,1043)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	9	0.29
(34,1034)	1:27:A:ARG:HB2	1:28:A:GLY:H	11	0.29
(34,961)	1:14:A:VAL:HA	1:18:A:PHE:HD1	12	0.29
(34,961)	1:14:A:VAL:HA	1:18:A:PHE:HD2	12	0.29
(34,899)	1:151:A:PHE:H	1:151:A:PHE:HB3	7	0.29
(34,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	11	0.29
(34,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	11	0.29
(34,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	11	0.29
(34,777)	1:69:A:MET:HG3	1:73:A:ILE:HD11	7	0.29
(34,777)	1:69:A:MET:HG3	1:73:A:ILE:HD12	7	0.29
(34,777)	1:69:A:MET:HG3	1:73:A:ILE:HD13	7	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,662)	1:98:A:ILE:H	1:100:A:ALA:H	6	0.29
(34,637)	1:9:A:PHE:HD1	1:58:A:ILE:H	6	0.29
(34,637)	1:9:A:PHE:HD2	1:58:A:ILE:H	6	0.29
(34,637)	1:9:A:PHE:HD1	1:58:A:ILE:H	15	0.29
(34,637)	1:9:A:PHE:HD2	1:58:A:ILE:H	15	0.29
(34,600)	1:75:A:GLY:H	1:76:A:ARG:HG2	1	0.29
(34,600)	1:75:A:GLY:H	1:76:A:ARG:HG3	1	0.29
(34,594)	1:126:A:GLY:H	1:128:A:LEU:HB2	9	0.29
(34,481)	1:14:A:VAL:H	1:61:A:SER:HA	19	0.29
(34,467)	1:18:A:PHE:H	1:113:A:PHE:HE1	7	0.29
(34,467)	1:18:A:PHE:H	1:113:A:PHE:HE2	7	0.29
(34,417)	1:125:A:THR:H	1:128:A:LEU:HG	3	0.29
(34,394)	1:106:A:ASP:H	1:112:A:GLN:HE21	7	0.29
(34,303)	1:128:A:LEU:HB3	1:129:A:LYS:H	18	0.29
(34,302)	1:43:A:MET:H	1:43:A:MET:HG3	16	0.29
(34,136)	1:13:A:ALA:HB1	1:80:A:TYR:H	17	0.29
(34,136)	1:13:A:ALA:HB2	1:80:A:TYR:H	17	0.29
(34,136)	1:13:A:ALA:HB3	1:80:A:TYR:H	17	0.29
(34,118)	1:80:A:TYR:H	1:81:A:GLU:HG2	8	0.29
(34,118)	1:80:A:TYR:H	1:81:A:GLU:HG3	8	0.29
(34,118)	1:80:A:TYR:H	1:81:A:GLU:HG2	15	0.29
(34,118)	1:80:A:TYR:H	1:81:A:GLU:HG3	15	0.29
(34,74)	1:22:A:ASP:HA	1:23:A:LEU:H	5	0.29
(34,48)	1:44:A:GLU:HG3	1:47:A:ALA:H	8	0.29
(33,2285)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	16	0.29
(33,2285)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	16	0.29
(33,2264)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	2	0.29
(33,2264)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	2	0.29
(33,2264)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	2	0.29
(33,2264)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	2	0.29
(33,2255)	1:69:A:MET:HG2	1:109:A:PRO:HA	10	0.29
(33,2255)	1:69:A:MET:HG3	1:109:A:PRO:HA	10	0.29
(33,2252)	1:69:A:MET:HG2	1:72:A:PHE:HB2	5	0.29
(33,2252)	1:69:A:MET:HG3	1:72:A:PHE:HB2	5	0.29
(33,2215)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	7	0.29
(33,2215)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	7	0.29
(33,2215)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	7	0.29
(33,2215)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	7	0.29
(33,2215)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	7	0.29
(33,2215)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	7	0.29
(33,2215)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	7	0.29
(33,2215)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	7	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2215)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	7	0.29
(33,2215)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	7	0.29
(33,2215)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	7	0.29
(33,2215)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	7	0.29
(33,2215)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	7	0.29
(33,2215)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	7	0.29
(33,2215)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	7	0.29
(33,2215)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	7	0.29
(33,2215)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	7	0.29
(33,2215)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	7	0.29
(33,2180)	1:53:A:THR:H	1:57:A:LEU:HD11	11	0.29
(33,2180)	1:53:A:THR:H	1:57:A:LEU:HD12	11	0.29
(33,2180)	1:53:A:THR:H	1:57:A:LEU:HD13	11	0.29
(33,2180)	1:53:A:THR:H	1:57:A:LEU:HD21	11	0.29
(33,2180)	1:53:A:THR:H	1:57:A:LEU:HD22	11	0.29
(33,2180)	1:53:A:THR:H	1:57:A:LEU:HD23	11	0.29
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD11	2	0.29
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD12	2	0.29
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD13	2	0.29
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD21	2	0.29
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD22	2	0.29
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD23	2	0.29
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD11	5	0.29
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD12	5	0.29
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD13	5	0.29
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD21	5	0.29
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD22	5	0.29
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD23	5	0.29
(33,2099)	1:38:A:GLU:H	1:41:A:LYS:HG2	4	0.29
(33,2099)	1:38:A:GLU:H	1:41:A:LYS:HG3	4	0.29
(33,2039)	1:23:A:LEU:HD11	1:25:A:ALA:H	14	0.29
(33,2039)	1:23:A:LEU:HD12	1:25:A:ALA:H	14	0.29
(33,2039)	1:23:A:LEU:HD13	1:25:A:ALA:H	14	0.29
(33,2039)	1:23:A:LEU:HD21	1:25:A:ALA:H	14	0.29
(33,2039)	1:23:A:LEU:HD22	1:25:A:ALA:H	14	0.29
(33,2039)	1:23:A:LEU:HD23	1:25:A:ALA:H	14	0.29
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	4	0.29
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	4	0.29
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	4	0.29
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	4	0.29
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	4	0.29
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	4	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	4	0.29
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	4	0.29
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	4	0.29
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	4	0.29
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	4	0.29
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	4	0.29
(33,2012)	1:17:A:ASN:HB2	1:18:A:PHE:HD1	19	0.29
(33,2012)	1:17:A:ASN:HB2	1:18:A:PHE:HD2	19	0.29
(33,2012)	1:17:A:ASN:HB3	1:18:A:PHE:HD1	19	0.29
(33,2012)	1:17:A:ASN:HB3	1:18:A:PHE:HD2	19	0.29
(33,1953)	1:11:A:ILE:HG12	1:57:A:LEU:HD11	14	0.29
(33,1953)	1:11:A:ILE:HG12	1:57:A:LEU:HD12	14	0.29
(33,1953)	1:11:A:ILE:HG12	1:57:A:LEU:HD13	14	0.29
(33,1953)	1:11:A:ILE:HG12	1:57:A:LEU:HD21	14	0.29
(33,1953)	1:11:A:ILE:HG12	1:57:A:LEU:HD22	14	0.29
(33,1953)	1:11:A:ILE:HG12	1:57:A:LEU:HD23	14	0.29
(33,1916)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	3	0.29
(33,1916)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	3	0.29
(33,1916)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	7	0.29
(33,1916)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	7	0.29
(33,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	12	0.29
(33,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	12	0.29
(33,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	12	0.29
(33,1883)	1:104:A:PHE:HE1	1:105:A:LYS:H	18	0.29
(33,1883)	1:104:A:PHE:HE2	1:105:A:LYS:H	18	0.29
(33,1864)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	10	0.29
(33,1864)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	10	0.29
(33,1815)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	19	0.29
(33,1815)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	19	0.29
(33,1802)	1:104:A:PHE:HE1	1:105:A:LYS:HA	4	0.29
(33,1802)	1:104:A:PHE:HE2	1:105:A:LYS:HA	4	0.29
(33,1771)	1:9:A:PHE:HZ	1:54:A:ARG:HA	6	0.29
(33,1701)	1:141:A:LYS:HA	1:145:A:PRO:HD3	2	0.29
(33,1678)	1:72:A:PHE:HB2	1:109:A:PRO:HA	4	0.29
(33,1611)	1:149:A:ALA:HB1	1:151:A:PHE:HA	2	0.29
(33,1611)	1:149:A:ALA:HB2	1:151:A:PHE:HA	2	0.29
(33,1611)	1:149:A:ALA:HB3	1:151:A:PHE:HA	2	0.29
(33,1611)	1:149:A:ALA:HB1	1:151:A:PHE:HA	13	0.29
(33,1611)	1:149:A:ALA:HB2	1:151:A:PHE:HA	13	0.29
(33,1611)	1:149:A:ALA:HB3	1:151:A:PHE:HA	13	0.29
(33,1598)	1:73:A:ILE:HG21	1:76:A:ARG:H	18	0.29
(33,1598)	1:73:A:ILE:HG22	1:76:A:ARG:H	18	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1598)	1:73:A:ILE:HG23	1:76:A:ARG:H	18	0.29
(33,1588)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	16	0.29
(33,1588)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	16	0.29
(33,1588)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	16	0.29
(33,1574)	1:98:A:ILE:HG21	1:116:A:GLN:H	10	0.29
(33,1574)	1:98:A:ILE:HG22	1:116:A:GLN:H	10	0.29
(33,1574)	1:98:A:ILE:HG23	1:116:A:GLN:H	10	0.29
(33,1572)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	2	0.29
(33,1572)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	2	0.29
(33,1572)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	2	0.29
(33,1497)	1:43:A:MET:HA	1:43:A:MET:HE1	18	0.29
(33,1497)	1:43:A:MET:HA	1:43:A:MET:HE2	18	0.29
(33,1497)	1:43:A:MET:HA	1:43:A:MET:HE3	18	0.29
(33,1254)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	14	0.29
(33,1254)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	14	0.29
(33,1254)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	14	0.29
(33,1254)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	14	0.29
(33,1254)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	14	0.29
(33,1254)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	14	0.29
(33,1254)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	14	0.29
(33,1254)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	14	0.29
(33,1254)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	14	0.29
(33,1180)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	5	0.29
(33,1180)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	5	0.29
(33,1180)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	5	0.29
(33,1180)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	5	0.29
(33,1180)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	5	0.29
(33,1180)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	5	0.29
(33,1123)	1:40:A:LEU:HA	1:43:A:MET:HG3	9	0.29
(33,1082)	1:45:A:ALA:HA	1:48:A:ARG:HG2	13	0.29
(33,1082)	1:45:A:ALA:HA	1:48:A:ARG:HG3	13	0.29
(33,1066)	1:140:A:LEU:H	1:140:A:LEU:HG	7	0.29
(33,1056)	1:43:A:MET:HB2	1:140:A:LEU:HG	19	0.29
(33,895)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	8	0.29
(33,895)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	8	0.29
(33,895)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	8	0.29
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	19	0.29
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	19	0.29
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	19	0.29
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	19	0.29
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	19	0.29
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	19	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	19	0.29
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	19	0.29
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	19	0.29
(33,760)	1:42:A:GLU:H	1:42:A:GLU:HB3	8	0.29
(33,696)	1:98:A:ILE:H	1:100:A:ALA:H	6	0.29
(33,616)	1:14:A:VAL:HB	1:16:A:SER:H	9	0.29
(33,589)	1:75:A:GLY:H	1:76:A:ARG:HG2	1	0.29
(33,589)	1:75:A:GLY:H	1:76:A:ARG:HG3	1	0.29
(33,519)	1:67:A:PRO:HA	1:71:A:LYS:H	11	0.29
(33,469)	1:48:A:ARG:HA	1:53:A:THR:H	18	0.29
(33,461)	1:14:A:VAL:H	1:14:A:VAL:HB	3	0.29
(33,461)	1:14:A:VAL:H	1:14:A:VAL:HB	4	0.29
(33,461)	1:14:A:VAL:H	1:14:A:VAL:HB	8	0.29
(33,461)	1:14:A:VAL:H	1:14:A:VAL:HB	9	0.29
(33,461)	1:14:A:VAL:H	1:14:A:VAL:HB	19	0.29
(33,388)	1:106:A:ASP:H	1:112:A:GLN:HE21	7	0.29
(33,369)	1:70:A:LYS:H	1:73:A:ILE:HD11	17	0.29
(33,369)	1:70:A:LYS:H	1:73:A:ILE:HD12	17	0.29
(33,369)	1:70:A:LYS:H	1:73:A:ILE:HD13	17	0.29
(33,281)	1:50:A:ALA:H	1:52:A:CYS:H	4	0.29
(33,129)	1:13:A:ALA:HB1	1:80:A:TYR:H	17	0.29
(33,129)	1:13:A:ALA:HB2	1:80:A:TYR:H	17	0.29
(33,129)	1:13:A:ALA:HB3	1:80:A:TYR:H	17	0.29
(33,114)	1:22:A:ASP:H	1:23:A:LEU:HB2	11	0.29
(33,114)	1:22:A:ASP:H	1:23:A:LEU:HB3	11	0.29
(33,80)	1:22:A:ASP:HA	1:23:A:LEU:H	5	0.29
(33,50)	1:44:A:GLU:HG3	1:47:A:ALA:H	8	0.29
(33,21)	1:94:A:ALA:H	1:95:A:ILE:HD11	19	0.29
(33,21)	1:94:A:ALA:H	1:95:A:ILE:HD12	19	0.29
(33,21)	1:94:A:ALA:H	1:95:A:ILE:HD13	19	0.29
(33,13)	1:64:A:LYS:H	1:116:A:GLN:HG3	15	0.29
(32,2321)	1:106:A:ASP:H	1:107:A:LEU:HD11	11	0.29
(32,2321)	1:106:A:ASP:H	1:107:A:LEU:HD12	11	0.29
(32,2321)	1:106:A:ASP:H	1:107:A:LEU:HD13	11	0.29
(32,2321)	1:106:A:ASP:H	1:107:A:LEU:HD21	11	0.29
(32,2321)	1:106:A:ASP:H	1:107:A:LEU:HD22	11	0.29
(32,2321)	1:106:A:ASP:H	1:107:A:LEU:HD23	11	0.29
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD11	7	0.29
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD12	7	0.29
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD13	7	0.29
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD21	7	0.29
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD22	7	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD23	7	0.29
(32,2275)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	19	0.29
(32,2275)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	19	0.29
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG11	13	0.29
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG12	13	0.29
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG13	13	0.29
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG21	13	0.29
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG22	13	0.29
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG23	13	0.29
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG11	13	0.29
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG12	13	0.29
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG13	13	0.29
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG21	13	0.29
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG22	13	0.29
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG23	13	0.29
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG11	13	0.29
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG12	13	0.29
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG13	13	0.29
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG21	13	0.29
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG22	13	0.29
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG23	13	0.29
(32,2235)	1:67:A:PRO:HD2	1:96:A:VAL:HG11	6	0.29
(32,2235)	1:67:A:PRO:HD2	1:96:A:VAL:HG12	6	0.29
(32,2235)	1:67:A:PRO:HD2	1:96:A:VAL:HG13	6	0.29
(32,2235)	1:67:A:PRO:HD2	1:96:A:VAL:HG21	6	0.29
(32,2235)	1:67:A:PRO:HD2	1:96:A:VAL:HG22	6	0.29
(32,2235)	1:67:A:PRO:HD2	1:96:A:VAL:HG23	6	0.29
(32,2232)	1:66:A:THR:HG21	1:98:A:ILE:HG12	6	0.29
(32,2232)	1:66:A:THR:HG21	1:98:A:ILE:HG13	6	0.29
(32,2232)	1:66:A:THR:HG22	1:98:A:ILE:HG12	6	0.29
(32,2232)	1:66:A:THR:HG22	1:98:A:ILE:HG13	6	0.29
(32,2232)	1:66:A:THR:HG23	1:98:A:ILE:HG12	6	0.29
(32,2232)	1:66:A:THR:HG23	1:98:A:ILE:HG13	6	0.29
(32,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	4	0.29
(32,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	4	0.29
(32,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	4	0.29
(32,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	4	0.29
(32,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	10	0.29
(32,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	10	0.29
(32,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	10	0.29
(32,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	10	0.29
(32,2208)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	7	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2208)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	7	0.29
(32,2208)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	7	0.29
(32,2208)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	7	0.29
(32,2208)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	7	0.29
(32,2208)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	7	0.29
(32,2208)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	7	0.29
(32,2208)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	7	0.29
(32,2208)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	7	0.29
(32,2208)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	7	0.29
(32,2208)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	7	0.29
(32,2208)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	7	0.29
(32,2208)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	7	0.29
(32,2208)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	7	0.29
(32,2208)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	7	0.29
(32,2208)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	7	0.29
(32,2208)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	7	0.29
(32,2208)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	7	0.29
(32,2171)	1:53:A:THR:H	1:57:A:LEU:HD11	11	0.29
(32,2171)	1:53:A:THR:H	1:57:A:LEU:HD12	11	0.29
(32,2171)	1:53:A:THR:H	1:57:A:LEU:HD13	11	0.29
(32,2171)	1:53:A:THR:H	1:57:A:LEU:HD21	11	0.29
(32,2171)	1:53:A:THR:H	1:57:A:LEU:HD22	11	0.29
(32,2171)	1:53:A:THR:H	1:57:A:LEU:HD23	11	0.29
(32,2128)	1:43:A:MET:HA	1:134:A:VAL:HG11	7	0.29
(32,2128)	1:43:A:MET:HA	1:134:A:VAL:HG12	7	0.29
(32,2128)	1:43:A:MET:HA	1:134:A:VAL:HG13	7	0.29
(32,2128)	1:43:A:MET:HA	1:134:A:VAL:HG21	7	0.29
(32,2128)	1:43:A:MET:HA	1:134:A:VAL:HG22	7	0.29
(32,2128)	1:43:A:MET:HA	1:134:A:VAL:HG23	7	0.29
(32,2102)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	2	0.29
(32,2102)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	2	0.29
(32,2102)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	2	0.29
(32,2102)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	2	0.29
(32,2102)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	2	0.29
(32,2102)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	2	0.29
(32,2074)	1:38:A:GLU:H	1:41:A:LYS:HG2	4	0.29
(32,2074)	1:38:A:GLU:H	1:41:A:LYS:HG3	4	0.29
(32,2056)	1:35:A:LEU:HD11	1:39:A:VAL:HB	14	0.29
(32,2056)	1:35:A:LEU:HD12	1:39:A:VAL:HB	14	0.29
(32,2056)	1:35:A:LEU:HD13	1:39:A:VAL:HB	14	0.29
(32,2056)	1:35:A:LEU:HD21	1:39:A:VAL:HB	14	0.29
(32,2056)	1:35:A:LEU:HD22	1:39:A:VAL:HB	14	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2056)	1:35:A:LEU:HD23	1:39:A:VAL:HB	14	0.29
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD11	4	0.29
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD12	4	0.29
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD13	4	0.29
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD21	4	0.29
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD22	4	0.29
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD23	4	0.29
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD11	4	0.29
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD12	4	0.29
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD13	4	0.29
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD21	4	0.29
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD22	4	0.29
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD23	4	0.29
(32,1889)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	11	0.29
(32,1889)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	11	0.29
(32,1857)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	12	0.29
(32,1857)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	12	0.29
(32,1857)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	12	0.29
(32,1852)	1:104:A:PHE:HE1	1:115:A:ALA:H	14	0.29
(32,1852)	1:104:A:PHE:HE2	1:115:A:ALA:H	14	0.29
(32,1851)	1:104:A:PHE:HE1	1:105:A:LYS:H	8	0.29
(32,1851)	1:104:A:PHE:HE2	1:105:A:LYS:H	8	0.29
(32,1851)	1:104:A:PHE:HE1	1:105:A:LYS:H	15	0.29
(32,1851)	1:104:A:PHE:HE2	1:105:A:LYS:H	15	0.29
(32,1801)	1:143:A:TRP:HA	1:143:A:TRP:HE3	19	0.29
(32,1770)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	8	0.29
(32,1770)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	8	0.29
(32,1770)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	8	0.29
(32,1770)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	8	0.29
(32,1770)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	8	0.29
(32,1770)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	8	0.29
(32,1768)	1:104:A:PHE:HE1	1:105:A:LYS:HA	4	0.29
(32,1768)	1:104:A:PHE:HE2	1:105:A:LYS:HA	4	0.29
(32,1746)	1:80:A:TYR:HD1	1:81:A:GLU:HA	16	0.29
(32,1746)	1:80:A:TYR:HD2	1:81:A:GLU:HA	16	0.29
(32,1744)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	15	0.29
(32,1744)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	15	0.29
(32,1617)	1:69:A:MET:H	1:69:A:MET:HE1	1	0.29
(32,1617)	1:69:A:MET:H	1:69:A:MET:HE2	1	0.29
(32,1617)	1:69:A:MET:H	1:69:A:MET:HE3	1	0.29
(32,1571)	1:73:A:ILE:HG21	1:76:A:ARG:H	18	0.29
(32,1571)	1:73:A:ILE:HG22	1:76:A:ARG:H	18	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1571)	1:73:A:ILE:HG23	1:76:A:ARG:H	18	0.29
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	7	0.29
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	7	0.29
(32,1549)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	7	0.29
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	7	0.29
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	7	0.29
(32,1549)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	7	0.29
(32,1525)	1:11:A:ILE:HD11	1:43:A:MET:H	12	0.29
(32,1525)	1:11:A:ILE:HD12	1:43:A:MET:H	12	0.29
(32,1525)	1:11:A:ILE:HD13	1:43:A:MET:H	12	0.29
(32,1440)	1:101:A:ILE:HG21	1:116:A:GLN:H	10	0.29
(32,1440)	1:101:A:ILE:HG22	1:116:A:GLN:H	10	0.29
(32,1440)	1:101:A:ILE:HG23	1:116:A:GLN:H	10	0.29
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD11	2	0.29
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD12	2	0.29
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD13	2	0.29
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD11	10	0.29
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD12	10	0.29
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD13	10	0.29
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD11	14	0.29
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD12	14	0.29
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD13	14	0.29
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD11	16	0.29
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD12	16	0.29
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD13	16	0.29
(32,1214)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	7	0.29
(32,1214)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	7	0.29
(32,1214)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	7	0.29
(32,1214)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	7	0.29
(32,1214)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	7	0.29
(32,1214)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	7	0.29
(32,1177)	1:69:A:MET:HE1	1:110:A:MET:HA	1	0.29
(32,1177)	1:69:A:MET:HE2	1:110:A:MET:HA	1	0.29
(32,1177)	1:69:A:MET:HE3	1:110:A:MET:HA	1	0.29
(32,1157)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	6	0.29
(32,1157)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	6	0.29
(32,1157)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	6	0.29
(32,1157)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	6	0.29
(32,1157)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	6	0.29
(32,1157)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	6	0.29
(32,1091)	1:40:A:LEU:HA	1:44:A:GLU:HB2	16	0.29
(32,1091)	1:40:A:LEU:HA	1:44:A:GLU:HB3	16	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1038)	1:140:A:LEU:H	1:140:A:LEU:HG	7	0.29
(32,917)	1:11:A:ILE:HD11	1:12:A:VAL:HA	10	0.29
(32,917)	1:11:A:ILE:HD12	1:12:A:VAL:HA	10	0.29
(32,917)	1:11:A:ILE:HD13	1:12:A:VAL:HA	10	0.29
(32,869)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	8	0.29
(32,869)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	8	0.29
(32,869)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	8	0.29
(32,797)	1:98:A:ILE:HD11	1:99:A:PRO:HD2	16	0.29
(32,797)	1:98:A:ILE:HD12	1:99:A:PRO:HD2	16	0.29
(32,797)	1:98:A:ILE:HD13	1:99:A:PRO:HD2	16	0.29
(32,760)	1:101:A:ILE:HD11	1:119:A:LEU:HG	15	0.29
(32,760)	1:101:A:ILE:HD12	1:119:A:LEU:HG	15	0.29
(32,760)	1:101:A:ILE:HD13	1:119:A:LEU:HG	15	0.29
(32,711)	1:50:A:ALA:H	1:130:A:GLY:HA3	19	0.29
(32,616)	1:9:A:PHE:HD1	1:58:A:ILE:H	6	0.29
(32,616)	1:9:A:PHE:HD2	1:58:A:ILE:H	6	0.29
(32,616)	1:9:A:PHE:HD1	1:58:A:ILE:H	15	0.29
(32,616)	1:9:A:PHE:HD2	1:58:A:ILE:H	15	0.29
(32,575)	1:75:A:GLY:H	1:76:A:ARG:HG2	1	0.29
(32,575)	1:75:A:GLY:H	1:76:A:ARG:HG3	1	0.29
(32,458)	1:48:A:ARG:HA	1:53:A:THR:H	18	0.29
(32,446)	1:18:A:PHE:H	1:113:A:PHE:HE1	7	0.29
(32,446)	1:18:A:PHE:H	1:113:A:PHE:HE2	7	0.29
(32,377)	1:106:A:ASP:H	1:112:A:GLN:HE21	7	0.29
(32,358)	1:70:A:LYS:H	1:73:A:ILE:HD11	17	0.29
(32,358)	1:70:A:LYS:H	1:73:A:ILE:HD12	17	0.29
(32,358)	1:70:A:LYS:H	1:73:A:ILE:HD13	17	0.29
(32,344)	1:104:A:PHE:H	1:104:A:PHE:HD1	14	0.29
(32,344)	1:104:A:PHE:H	1:104:A:PHE:HD2	14	0.29
(32,277)	1:50:A:ALA:H	1:52:A:CYS:H	4	0.29
(32,180)	1:44:A:GLU:H	1:44:A:GLU:HG3	15	0.29
(32,128)	1:13:A:ALA:HB1	1:80:A:TYR:H	17	0.29
(32,128)	1:13:A:ALA:HB2	1:80:A:TYR:H	17	0.29
(32,128)	1:13:A:ALA:HB3	1:80:A:TYR:H	17	0.29
(32,112)	1:22:A:ASP:H	1:23:A:LEU:HB2	11	0.29
(32,112)	1:22:A:ASP:H	1:23:A:LEU:HB3	11	0.29
(32,70)	1:22:A:ASP:HA	1:23:A:LEU:H	5	0.29
(32,46)	1:47:A:ALA:H	1:48:A:ARG:HB2	17	0.29
(32,46)	1:47:A:ALA:H	1:48:A:ARG:HB3	17	0.29
(32,26)	1:35:A:LEU:H	1:35:A:LEU:HG	17	0.29
(30,2456)	1:140:A:LEU:HD11	1:143:A:TRP:HD1	9	0.29
(30,2456)	1:140:A:LEU:HD12	1:143:A:TRP:HD1	9	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2456)	1:140:A:LEU:HD13	1:143:A:TRP:HD1	9	0.29
(30,2456)	1:140:A:LEU:HD21	1:143:A:TRP:HD1	9	0.29
(30,2456)	1:140:A:LEU:HD22	1:143:A:TRP:HD1	9	0.29
(30,2456)	1:140:A:LEU:HD23	1:143:A:TRP:HD1	9	0.29
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	10	0.29
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	10	0.29
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	10	0.29
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	10	0.29
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	10	0.29
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	10	0.29
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	10	0.29
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	10	0.29
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	10	0.29
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	10	0.29
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	10	0.29
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	10	0.29
(30,2320)	1:103:A:ARG:HE	1:107:A:LEU:HD11	12	0.29
(30,2320)	1:103:A:ARG:HE	1:107:A:LEU:HD12	12	0.29
(30,2320)	1:103:A:ARG:HE	1:107:A:LEU:HD13	12	0.29
(30,2320)	1:103:A:ARG:HE	1:107:A:LEU:HD21	12	0.29
(30,2320)	1:103:A:ARG:HE	1:107:A:LEU:HD22	12	0.29
(30,2320)	1:103:A:ARG:HE	1:107:A:LEU:HD23	12	0.29
(30,2301)	1:97:A:ASP:HA	1:105:A:LYS:HG2	16	0.29
(30,2301)	1:97:A:ASP:HA	1:105:A:LYS:HG3	16	0.29
(30,2287)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	6	0.29
(30,2287)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	6	0.29
(30,2286)	1:79:A:THR:HG21	1:81:A:GLU:HB2	6	0.29
(30,2286)	1:79:A:THR:HG21	1:81:A:GLU:HB3	6	0.29
(30,2286)	1:79:A:THR:HG22	1:81:A:GLU:HB2	6	0.29
(30,2286)	1:79:A:THR:HG22	1:81:A:GLU:HB3	6	0.29
(30,2286)	1:79:A:THR:HG23	1:81:A:GLU:HB2	6	0.29
(30,2286)	1:79:A:THR:HG23	1:81:A:GLU:HB3	6	0.29
(30,2257)	1:70:A:LYS:HG2	1:71:A:LYS:H	11	0.29
(30,2257)	1:70:A:LYS:HG3	1:71:A:LYS:H	11	0.29
(30,2241)	1:67:A:PRO:HD2	1:96:A:VAL:HG11	6	0.29
(30,2241)	1:67:A:PRO:HD2	1:96:A:VAL:HG12	6	0.29
(30,2241)	1:67:A:PRO:HD2	1:96:A:VAL:HG13	6	0.29
(30,2241)	1:67:A:PRO:HD2	1:96:A:VAL:HG21	6	0.29
(30,2241)	1:67:A:PRO:HD2	1:96:A:VAL:HG22	6	0.29
(30,2241)	1:67:A:PRO:HD2	1:96:A:VAL:HG23	6	0.29
(30,2220)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	3	0.29
(30,2220)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	3	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2220)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	3	0.29
(30,2220)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	3	0.29
(30,2220)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	3	0.29
(30,2220)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	3	0.29
(30,2210)	1:57:A:LEU:HD11	1:60:A:LEU:HG	8	0.29
(30,2210)	1:57:A:LEU:HD12	1:60:A:LEU:HG	8	0.29
(30,2210)	1:57:A:LEU:HD13	1:60:A:LEU:HG	8	0.29
(30,2210)	1:57:A:LEU:HD21	1:60:A:LEU:HG	8	0.29
(30,2210)	1:57:A:LEU:HD22	1:60:A:LEU:HG	8	0.29
(30,2210)	1:57:A:LEU:HD23	1:60:A:LEU:HG	8	0.29
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD11	1	0.29
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD12	1	0.29
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD13	1	0.29
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD21	1	0.29
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD22	1	0.29
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD23	1	0.29
(30,2184)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	1	0.29
(30,2184)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	1	0.29
(30,2184)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	1	0.29
(30,2184)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	1	0.29
(30,2184)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	1	0.29
(30,2184)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	1	0.29
(30,2184)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	1	0.29
(30,2184)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	1	0.29
(30,2184)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	1	0.29
(30,2184)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	1	0.29
(30,2184)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	1	0.29
(30,2184)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	1	0.29
(30,2114)	1:39:A:VAL:HA	1:140:A:LEU:HD11	9	0.29
(30,2114)	1:39:A:VAL:HA	1:140:A:LEU:HD12	9	0.29
(30,2114)	1:39:A:VAL:HA	1:140:A:LEU:HD13	9	0.29
(30,2114)	1:39:A:VAL:HA	1:140:A:LEU:HD21	9	0.29
(30,2114)	1:39:A:VAL:HA	1:140:A:LEU:HD22	9	0.29
(30,2114)	1:39:A:VAL:HA	1:140:A:LEU:HD23	9	0.29
(30,2085)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	19	0.29
(30,2085)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	19	0.29
(30,2085)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	19	0.29
(30,2085)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	19	0.29
(30,2085)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	19	0.29
(30,2085)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	19	0.29
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD11	16	0.29
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD12	16	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD13	16	0.29
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD21	16	0.29
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD22	16	0.29
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD23	16	0.29
(30,2000)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	7	0.29
(30,2000)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	7	0.29
(30,2000)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	7	0.29
(30,2000)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	7	0.29
(30,2000)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	7	0.29
(30,2000)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	7	0.29
(30,2000)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	7	0.29
(30,2000)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	7	0.29
(30,2000)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	7	0.29
(30,2000)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	7	0.29
(30,2000)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	7	0.29
(30,2000)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	7	0.29
(30,2000)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	7	0.29
(30,2000)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	7	0.29
(30,2000)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	7	0.29
(30,2000)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	7	0.29
(30,2000)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	7	0.29
(30,2000)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	7	0.29
(30,2000)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	7	0.29
(30,2000)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	7	0.29
(30,2000)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	7	0.29
(30,2000)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	7	0.29
(30,2000)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	7	0.29
(30,2000)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	7	0.29
(30,2000)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	7	0.29
(30,2000)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	7	0.29
(30,2000)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	7	0.29
(30,2000)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	7	0.29
(30,2000)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	7	0.29
(30,2000)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	7	0.29
(30,2000)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	7	0.29
(30,2000)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	7	0.29
(30,2000)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	7	0.29
(30,2000)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	7	0.29
(30,2000)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	7	0.29
(30,2000)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	7	0.29
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	2	0.29
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	2	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	2	0.29
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	2	0.29
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	2	0.29
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	2	0.29
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	2	0.29
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	2	0.29
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	2	0.29
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	2	0.29
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	2	0.29
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	2	0.29
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	2	0.29
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	2	0.29
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	2	0.29
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	2	0.29
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	2	0.29
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	2	0.29
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD11	18	0.29
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD12	18	0.29
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD13	18	0.29
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD21	18	0.29
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD22	18	0.29
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD23	18	0.29
(30,1948)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	10	0.29
(30,1948)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	10	0.29
(30,1948)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	10	0.29
(30,1948)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	10	0.29
(30,1948)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	10	0.29
(30,1948)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	10	0.29
(30,1929)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	11	0.29
(30,1929)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	11	0.29
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	6	0.29
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	6	0.29
(30,1861)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	6	0.29
(30,1857)	1:9:A:PHE:HZ	1:11:A:ILE:HA	14	0.29
(30,1826)	1:9:A:PHE:HZ	1:54:A:ARG:HA	6	0.29
(30,1819)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	19	0.29
(30,1819)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	19	0.29
(30,1809)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	8	0.29
(30,1809)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	8	0.29
(30,1809)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	8	0.29
(30,1809)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	8	0.29
(30,1809)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	8	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1809)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	8	0.29
(30,1769)	1:97:A:ASP:HA	1:105:A:LYS:HA	7	0.29
(30,1766)	1:39:A:VAL:HG21	1:144:A:LEU:H	13	0.29
(30,1766)	1:39:A:VAL:HG22	1:144:A:LEU:H	13	0.29
(30,1766)	1:39:A:VAL:HG23	1:144:A:LEU:H	13	0.29
(30,1664)	1:69:A:MET:H	1:69:A:MET:HE1	1	0.29
(30,1664)	1:69:A:MET:H	1:69:A:MET:HE2	1	0.29
(30,1664)	1:69:A:MET:H	1:69:A:MET:HE3	1	0.29
(30,1622)	1:149:A:ALA:HB1	1:151:A:PHE:HA	2	0.29
(30,1622)	1:149:A:ALA:HB2	1:151:A:PHE:HA	2	0.29
(30,1622)	1:149:A:ALA:HB3	1:151:A:PHE:HA	2	0.29
(30,1622)	1:149:A:ALA:HB1	1:151:A:PHE:HA	13	0.29
(30,1622)	1:149:A:ALA:HB2	1:151:A:PHE:HA	13	0.29
(30,1622)	1:149:A:ALA:HB3	1:151:A:PHE:HA	13	0.29
(30,1610)	1:73:A:ILE:HG21	1:76:A:ARG:H	18	0.29
(30,1610)	1:73:A:ILE:HG22	1:76:A:ARG:H	18	0.29
(30,1610)	1:73:A:ILE:HG23	1:76:A:ARG:H	18	0.29
(30,1601)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	16	0.29
(30,1601)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	16	0.29
(30,1601)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	16	0.29
(30,1588)	1:98:A:ILE:HG21	1:116:A:GLN:H	10	0.29
(30,1588)	1:98:A:ILE:HG22	1:116:A:GLN:H	10	0.29
(30,1588)	1:98:A:ILE:HG23	1:116:A:GLN:H	10	0.29
(30,1584)	1:101:A:ILE:HD11	1:112:A:GLN:HA	1	0.29
(30,1584)	1:101:A:ILE:HD12	1:112:A:GLN:HA	1	0.29
(30,1584)	1:101:A:ILE:HD13	1:112:A:GLN:HA	1	0.29
(30,1575)	1:61:A:SER:HA	1:63:A:ILE:HD11	3	0.29
(30,1575)	1:61:A:SER:HA	1:63:A:ILE:HD12	3	0.29
(30,1575)	1:61:A:SER:HA	1:63:A:ILE:HD13	3	0.29
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG11	15	0.29
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG12	15	0.29
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG13	15	0.29
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG11	16	0.29
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG12	16	0.29
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG13	16	0.29
(30,1294)	1:59:A:CYS:HA	1:60:A:LEU:HD21	5	0.29
(30,1294)	1:59:A:CYS:HA	1:60:A:LEU:HD22	5	0.29
(30,1294)	1:59:A:CYS:HA	1:60:A:LEU:HD23	5	0.29
(30,1256)	1:39:A:VAL:H	1:39:A:VAL:HG21	18	0.29
(30,1256)	1:39:A:VAL:H	1:39:A:VAL:HG22	18	0.29
(30,1256)	1:39:A:VAL:H	1:39:A:VAL:HG23	18	0.29
(30,1245)	1:37:A:LEU:HD11	1:38:A:GLU:HA	11	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1245)	1:37:A:LEU:HD12	1:38:A:GLU:HA	11	0.29
(30,1245)	1:37:A:LEU:HD13	1:38:A:GLU:HA	11	0.29
(30,1212)	1:11:A:ILE:HD11	1:131:A:LEU:HA	17	0.29
(30,1212)	1:11:A:ILE:HD12	1:131:A:LEU:HA	17	0.29
(30,1212)	1:11:A:ILE:HD13	1:131:A:LEU:HA	17	0.29
(30,1207)	1:69:A:MET:HE1	1:110:A:MET:HA	1	0.29
(30,1207)	1:69:A:MET:HE2	1:110:A:MET:HA	1	0.29
(30,1207)	1:69:A:MET:HE3	1:110:A:MET:HA	1	0.29
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD11	19	0.29
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD12	19	0.29
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD13	19	0.29
(30,1056)	1:134:A:VAL:HG21	1:140:A:LEU:HG	19	0.29
(30,1056)	1:134:A:VAL:HG22	1:140:A:LEU:HG	19	0.29
(30,1056)	1:134:A:VAL:HG23	1:140:A:LEU:HG	19	0.29
(30,807)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	9	0.29
(30,807)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	9	0.29
(30,807)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	9	0.29
(30,807)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	9	0.29
(30,807)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	9	0.29
(30,807)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	9	0.29
(30,807)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	9	0.29
(30,807)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	9	0.29
(30,807)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	9	0.29
(30,769)	1:101:A:ILE:HD11	1:115:A:ALA:H	15	0.29
(30,769)	1:101:A:ILE:HD12	1:115:A:ALA:H	15	0.29
(30,769)	1:101:A:ILE:HD13	1:115:A:ALA:H	15	0.29
(30,723)	1:50:A:ALA:H	1:130:A:GLY:HA3	19	0.29
(30,589)	1:75:A:GLY:H	1:76:A:ARG:HG2	1	0.29
(30,589)	1:75:A:GLY:H	1:76:A:ARG:HG3	1	0.29
(30,518)	1:67:A:PRO:HA	1:71:A:LYS:H	11	0.29
(30,461)	1:18:A:PHE:H	1:113:A:PHE:HE1	7	0.29
(30,461)	1:18:A:PHE:H	1:113:A:PHE:HE2	7	0.29
(30,224)	1:9:A:PHE:HE1	1:10:A:ASN:H	16	0.29
(30,224)	1:9:A:PHE:HE2	1:10:A:ASN:H	16	0.29
(30,133)	1:13:A:ALA:HB1	1:80:A:TYR:H	17	0.29
(30,133)	1:13:A:ALA:HB2	1:80:A:TYR:H	17	0.29
(30,133)	1:13:A:ALA:HB3	1:80:A:TYR:H	17	0.29
(30,92)	1:96:A:VAL:H	1:97:A:ASP:H	15	0.29
(29,2424)	1:140:A:LEU:HD11	1:144:A:LEU:H	14	0.29
(29,2424)	1:140:A:LEU:HD12	1:144:A:LEU:H	14	0.29
(29,2424)	1:140:A:LEU:HD13	1:144:A:LEU:H	14	0.29
(29,2424)	1:140:A:LEU:HD21	1:144:A:LEU:H	14	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2424)	1:140:A:LEU:HD22	1:144:A:LEU:H	14	0.29
(29,2424)	1:140:A:LEU:HD23	1:144:A:LEU:H	14	0.29
(29,2310)	1:107:A:LEU:H	1:107:A:LEU:HD11	11	0.29
(29,2310)	1:107:A:LEU:H	1:107:A:LEU:HD12	11	0.29
(29,2310)	1:107:A:LEU:H	1:107:A:LEU:HD13	11	0.29
(29,2310)	1:107:A:LEU:H	1:107:A:LEU:HD21	11	0.29
(29,2310)	1:107:A:LEU:H	1:107:A:LEU:HD22	11	0.29
(29,2310)	1:107:A:LEU:H	1:107:A:LEU:HD23	11	0.29
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD11	16	0.29
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD12	16	0.29
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD13	16	0.29
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD21	16	0.29
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD22	16	0.29
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD23	16	0.29
(29,2287)	1:97:A:ASP:HA	1:105:A:LYS:HG2	16	0.29
(29,2287)	1:97:A:ASP:HA	1:105:A:LYS:HG3	16	0.29
(29,2271)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	6	0.29
(29,2271)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	6	0.29
(29,2214)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	7	0.29
(29,2214)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	7	0.29
(29,2214)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	7	0.29
(29,2214)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	7	0.29
(29,2214)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	7	0.29
(29,2214)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	7	0.29
(29,2214)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	7	0.29
(29,2214)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	7	0.29
(29,2214)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	7	0.29
(29,2214)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	7	0.29
(29,2214)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	7	0.29
(29,2214)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	7	0.29
(29,2214)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	7	0.29
(29,2214)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	7	0.29
(29,2214)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	7	0.29
(29,2214)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	7	0.29
(29,2214)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	7	0.29
(29,2214)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	7	0.29
(29,2144)	1:40:A:LEU:HD11	1:44:A:GLU:HG2	13	0.29
(29,2144)	1:40:A:LEU:HD12	1:44:A:GLU:HG2	13	0.29
(29,2144)	1:40:A:LEU:HD13	1:44:A:GLU:HG2	13	0.29
(29,2144)	1:40:A:LEU:HD21	1:44:A:GLU:HG2	13	0.29
(29,2144)	1:40:A:LEU:HD22	1:44:A:GLU:HG2	13	0.29
(29,2144)	1:40:A:LEU:HD23	1:44:A:GLU:HG2	13	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2130)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	2	0.29
(29,2130)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	2	0.29
(29,2130)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	2	0.29
(29,2130)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	2	0.29
(29,2130)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	2	0.29
(29,2130)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	2	0.29
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD11	12	0.29
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD12	12	0.29
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD13	12	0.29
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD21	12	0.29
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD22	12	0.29
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD23	12	0.29
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	2	0.29
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	2	0.29
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	2	0.29
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	2	0.29
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	2	0.29
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	2	0.29
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	2	0.29
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	2	0.29
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	2	0.29
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	2	0.29
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	2	0.29
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	2	0.29
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	2	0.29
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	2	0.29
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	2	0.29
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	2	0.29
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	2	0.29
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	2	0.29
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG21	16	0.29
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG22	16	0.29
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG23	16	0.29
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG21	16	0.29
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG22	16	0.29
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG23	16	0.29
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG21	16	0.29
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG22	16	0.29
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG23	16	0.29
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG21	16	0.29
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG22	16	0.29
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG23	16	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG21	16	0.29
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG22	16	0.29
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG23	16	0.29
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG21	16	0.29
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG22	16	0.29
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG23	16	0.29
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	9	0.29
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	9	0.29
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	9	0.29
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	9	0.29
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	9	0.29
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	9	0.29
(29,1920)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	2	0.29
(29,1920)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	2	0.29
(29,1909)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	12	0.29
(29,1909)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	12	0.29
(29,1909)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	12	0.29
(29,1901)	1:104:A:PHE:HE1	1:105:A:LYS:H	8	0.29
(29,1901)	1:104:A:PHE:HE2	1:105:A:LYS:H	8	0.29
(29,1901)	1:104:A:PHE:HE1	1:105:A:LYS:H	15	0.29
(29,1901)	1:104:A:PHE:HE2	1:105:A:LYS:H	15	0.29
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	13	0.29
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	13	0.29
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	13	0.29
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	13	0.29
(29,1860)	1:59:A:CYS:HA	1:62:A:HIS:HD2	16	0.29
(29,1826)	1:104:A:PHE:HE1	1:105:A:LYS:HA	4	0.29
(29,1826)	1:104:A:PHE:HE2	1:105:A:LYS:HA	4	0.29
(29,1797)	1:9:A:PHE:HZ	1:54:A:ARG:HA	6	0.29
(29,1784)	1:39:A:VAL:HG21	1:144:A:LEU:H	13	0.29
(29,1784)	1:39:A:VAL:HG22	1:144:A:LEU:H	13	0.29
(29,1784)	1:39:A:VAL:HG23	1:144:A:LEU:H	13	0.29
(29,1634)	1:149:A:ALA:HB1	1:151:A:PHE:HA	2	0.29
(29,1634)	1:149:A:ALA:HB2	1:151:A:PHE:HA	2	0.29
(29,1634)	1:149:A:ALA:HB3	1:151:A:PHE:HA	2	0.29
(29,1634)	1:149:A:ALA:HB1	1:151:A:PHE:HA	13	0.29
(29,1634)	1:149:A:ALA:HB2	1:151:A:PHE:HA	13	0.29
(29,1634)	1:149:A:ALA:HB3	1:151:A:PHE:HA	13	0.29
(29,1625)	1:123:A:CYS:H	1:128:A:LEU:HD21	19	0.29
(29,1625)	1:123:A:CYS:H	1:128:A:LEU:HD22	19	0.29
(29,1625)	1:123:A:CYS:H	1:128:A:LEU:HD23	19	0.29
(29,1599)	1:98:A:ILE:HG21	1:116:A:GLN:H	10	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1599)	1:98:A:ILE:HG22	1:116:A:GLN:H	10	0.29
(29,1599)	1:98:A:ILE:HG23	1:116:A:GLN:H	10	0.29
(29,1233)	1:131:A:LEU:HA	1:134:A:VAL:HG21	11	0.29
(29,1233)	1:131:A:LEU:HA	1:134:A:VAL:HG22	11	0.29
(29,1233)	1:131:A:LEU:HA	1:134:A:VAL:HG23	11	0.29
(29,1219)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	8	0.29
(29,1219)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	8	0.29
(29,1219)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	8	0.29
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD21	14	0.29
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD22	14	0.29
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD23	14	0.29
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD21	18	0.29
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD22	18	0.29
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD23	18	0.29
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD21	19	0.29
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD22	19	0.29
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD23	19	0.29
(29,1063)	1:110:A:MET:HE1	1:114:A:ILE:HG12	13	0.29
(29,1063)	1:110:A:MET:HE2	1:114:A:ILE:HG12	13	0.29
(29,1063)	1:110:A:MET:HE3	1:114:A:ILE:HG12	13	0.29
(29,1045)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	3	0.29
(29,1040)	1:8:A:ASP:H	1:58:A:ILE:HG12	16	0.29
(29,1029)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	9	0.29
(29,1029)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	9	0.29
(29,966)	1:66:A:THR:H	1:96:A:VAL:HB	2	0.29
(29,773)	1:37:A:LEU:H	1:40:A:LEU:HB3	6	0.29
(29,706)	1:46:A:ASN:HB3	1:134:A:VAL:H	6	0.29
(29,595)	1:75:A:GLY:H	1:76:A:ARG:HG2	7	0.29
(29,595)	1:75:A:GLY:H	1:76:A:ARG:HG3	7	0.29
(29,476)	1:48:A:ARG:HA	1:53:A:THR:H	18	0.29
(29,464)	1:18:A:PHE:H	1:113:A:PHE:HE1	7	0.29
(29,464)	1:18:A:PHE:H	1:113:A:PHE:HE2	7	0.29
(29,427)	1:100:A:ALA:H	1:101:A:ILE:HG12	9	0.29
(29,413)	1:125:A:THR:H	1:128:A:LEU:HG	3	0.29
(29,389)	1:106:A:ASP:H	1:112:A:GLN:HE21	7	0.29
(29,351)	1:104:A:PHE:H	1:104:A:PHE:HD1	14	0.29
(29,351)	1:104:A:PHE:H	1:104:A:PHE:HD2	14	0.29
(29,346)	1:123:A:CYS:H	1:128:A:LEU:HD11	6	0.29
(29,346)	1:123:A:CYS:H	1:128:A:LEU:HD12	6	0.29
(29,346)	1:123:A:CYS:H	1:128:A:LEU:HD13	6	0.29
(29,131)	1:46:A:ASN:HB3	1:49:A:LYS:H	13	0.29
(29,122)	1:79:A:THR:H	1:80:A:TYR:H	2	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,122)	1:79:A:THR:H	1:80:A:TYR:H	11	0.29
(29,118)	1:80:A:TYR:H	1:81:A:GLU:HG2	8	0.29
(29,118)	1:80:A:TYR:H	1:81:A:GLU:HG3	8	0.29
(29,118)	1:80:A:TYR:H	1:81:A:GLU:HG2	15	0.29
(29,118)	1:80:A:TYR:H	1:81:A:GLU:HG3	15	0.29
(29,49)	1:44:A:GLU:HG3	1:47:A:ALA:H	8	0.29
(29,20)	1:94:A:ALA:H	1:95:A:ILE:HD11	19	0.29
(29,20)	1:94:A:ALA:H	1:95:A:ILE:HD12	19	0.29
(29,20)	1:94:A:ALA:H	1:95:A:ILE:HD13	19	0.29
(24,23)	1:101:A:ILE:H	1:98:A:ILE:O	6	0.29
(23,17)	1:118:A:ASP:N	1:114:A:ILE:O	18	0.29
(23,6)	1:59:A:CYS:N	1:55:A:GLY:O	3	0.29
(23,6)	1:59:A:CYS:N	1:55:A:GLY:O	18	0.29
(23,4)	1:45:A:ALA:N	1:41:A:LYS:O	14	0.29
(23,2)	1:39:A:VAL:N	1:36:A:PRO:O	5	0.29
(23,2)	1:39:A:VAL:N	1:36:A:PRO:O	19	0.29
(22,28)	1:115:A:ALA:N	1:111:A:GLU:C	7	0.29
(22,28)	1:115:A:ALA:N	1:111:A:GLU:C	17	0.29
(22,27)	1:115:A:ALA:H	1:111:A:GLU:C	18	0.29
(22,19)	1:101:A:ILE:H	1:98:A:ILE:C	19	0.29
(22,18)	1:73:A:ILE:N	1:69:A:MET:C	9	0.29
(22,18)	1:73:A:ILE:N	1:69:A:MET:C	15	0.29
(22,18)	1:73:A:ILE:N	1:69:A:MET:C	17	0.29
(22,17)	1:73:A:ILE:H	1:69:A:MET:C	2	0.29
(22,17)	1:73:A:ILE:H	1:69:A:MET:C	19	0.29
(22,4)	1:39:A:VAL:N	1:36:A:PRO:C	3	0.29
(18,2450)	1:140:A:LEU:HD11	1:144:A:LEU:H	13	0.29
(18,2450)	1:140:A:LEU:HD12	1:144:A:LEU:H	13	0.29
(18,2450)	1:140:A:LEU:HD13	1:144:A:LEU:H	13	0.29
(18,2450)	1:140:A:LEU:HD21	1:144:A:LEU:H	13	0.29
(18,2450)	1:140:A:LEU:HD22	1:144:A:LEU:H	13	0.29
(18,2450)	1:140:A:LEU:HD23	1:144:A:LEU:H	13	0.29
(18,2417)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	8	0.29
(18,2417)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	8	0.29
(18,2417)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	8	0.29
(18,2417)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	8	0.29
(18,2417)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	8	0.29
(18,2417)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	8	0.29
(18,2417)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	8	0.29
(18,2417)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	8	0.29
(18,2417)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	8	0.29
(18,2417)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	8	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2417)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	8	0.29
(18,2417)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	8	0.29
(18,2415)	1:134:A:VAL:HG11	1:137:A:SER:H	2	0.29
(18,2415)	1:134:A:VAL:HG12	1:137:A:SER:H	2	0.29
(18,2415)	1:134:A:VAL:HG13	1:137:A:SER:H	2	0.29
(18,2415)	1:134:A:VAL:HG21	1:137:A:SER:H	2	0.29
(18,2415)	1:134:A:VAL:HG22	1:137:A:SER:H	2	0.29
(18,2415)	1:134:A:VAL:HG23	1:137:A:SER:H	2	0.29
(18,2348)	1:116:A:GLN:HG2	1:119:A:LEU:HD11	17	0.29
(18,2348)	1:116:A:GLN:HG2	1:119:A:LEU:HD12	17	0.29
(18,2348)	1:116:A:GLN:HG2	1:119:A:LEU:HD13	17	0.29
(18,2348)	1:116:A:GLN:HG2	1:119:A:LEU:HD21	17	0.29
(18,2348)	1:116:A:GLN:HG2	1:119:A:LEU:HD22	17	0.29
(18,2348)	1:116:A:GLN:HG2	1:119:A:LEU:HD23	17	0.29
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD11	17	0.29
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD12	17	0.29
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD13	17	0.29
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD21	17	0.29
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD22	17	0.29
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD23	17	0.29
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	10	0.29
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	10	0.29
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	10	0.29
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	10	0.29
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	10	0.29
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	10	0.29
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	10	0.29
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	10	0.29
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	10	0.29
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	10	0.29
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	10	0.29
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	10	0.29
(18,2300)	1:103:A:ARG:HE	1:107:A:LEU:HD11	12	0.29
(18,2300)	1:103:A:ARG:HE	1:107:A:LEU:HD12	12	0.29
(18,2300)	1:103:A:ARG:HE	1:107:A:LEU:HD13	12	0.29
(18,2300)	1:103:A:ARG:HE	1:107:A:LEU:HD21	12	0.29
(18,2300)	1:103:A:ARG:HE	1:107:A:LEU:HD22	12	0.29
(18,2300)	1:103:A:ARG:HE	1:107:A:LEU:HD23	12	0.29
(18,2284)	1:97:A:ASP:HA	1:105:A:LYS:HG2	16	0.29
(18,2284)	1:97:A:ASP:HA	1:105:A:LYS:HG3	16	0.29
(18,2230)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	7	0.29
(18,2230)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	7	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2230)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	7	0.29
(18,2230)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	7	0.29
(18,2230)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	7	0.29
(18,2230)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	7	0.29
(18,2230)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	7	0.29
(18,2230)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	7	0.29
(18,2230)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	7	0.29
(18,2230)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	7	0.29
(18,2230)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	7	0.29
(18,2230)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	7	0.29
(18,2230)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	7	0.29
(18,2230)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	7	0.29
(18,2230)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	7	0.29
(18,2230)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	7	0.29
(18,2230)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	7	0.29
(18,2230)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	7	0.29
(18,2181)	1:53:A:THR:H	1:57:A:LEU:HD11	11	0.29
(18,2181)	1:53:A:THR:H	1:57:A:LEU:HD12	11	0.29
(18,2181)	1:53:A:THR:H	1:57:A:LEU:HD13	11	0.29
(18,2181)	1:53:A:THR:H	1:57:A:LEU:HD21	11	0.29
(18,2181)	1:53:A:THR:H	1:57:A:LEU:HD22	11	0.29
(18,2181)	1:53:A:THR:H	1:57:A:LEU:HD23	11	0.29
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG11	18	0.29
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG12	18	0.29
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG13	18	0.29
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG21	18	0.29
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG22	18	0.29
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG23	18	0.29
(18,2141)	1:43:A:MET:HA	1:134:A:VAL:HG11	7	0.29
(18,2141)	1:43:A:MET:HA	1:134:A:VAL:HG12	7	0.29
(18,2141)	1:43:A:MET:HA	1:134:A:VAL:HG13	7	0.29
(18,2141)	1:43:A:MET:HA	1:134:A:VAL:HG21	7	0.29
(18,2141)	1:43:A:MET:HA	1:134:A:VAL:HG22	7	0.29
(18,2141)	1:43:A:MET:HA	1:134:A:VAL:HG23	7	0.29
(18,2088)	1:38:A:GLU:H	1:41:A:LYS:HG2	4	0.29
(18,2088)	1:38:A:GLU:H	1:41:A:LYS:HG3	4	0.29
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD11	16	0.29
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD12	16	0.29
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD13	16	0.29
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD21	16	0.29
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD22	16	0.29
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD23	16	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD11	3	0.29
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD12	3	0.29
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD13	3	0.29
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD21	3	0.29
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD22	3	0.29
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD23	3	0.29
(18,1892)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	2	0.29
(18,1892)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	2	0.29
(18,1887)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	14	0.29
(18,1887)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	14	0.29
(18,1887)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	14	0.29
(18,1887)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	14	0.29
(18,1887)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	14	0.29
(18,1887)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	14	0.29
(18,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	18	0.29
(18,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	18	0.29
(18,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	18	0.29
(18,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	18	0.29
(18,1843)	1:9:A:PHE:HZ	1:11:A:ILE:HA	14	0.29
(18,1817)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	4	0.29
(18,1817)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	12	0.29
(18,1804)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	16	0.29
(18,1804)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	16	0.29
(18,1804)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	16	0.29
(18,1804)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	16	0.29
(18,1804)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	16	0.29
(18,1804)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	16	0.29
(18,1789)	1:104:A:PHE:HE1	1:105:A:LYS:HA	4	0.29
(18,1789)	1:104:A:PHE:HE2	1:105:A:LYS:HA	4	0.29
(18,1717)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	16	0.29
(18,1717)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	16	0.29
(18,1717)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	16	0.29
(18,1672)	1:72:A:PHE:HB2	1:109:A:PRO:HA	4	0.29
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	11	0.29
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	11	0.29
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	11	0.29
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	11	0.29
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	15	0.29
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	15	0.29
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	15	0.29
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	15	0.29
(18,1635)	1:12:A:VAL:HG11	1:15:A:ALA:HB1	10	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1635)	1:12:A:VAL:HG11	1:15:A:ALA:HB2	10	0.29
(18,1635)	1:12:A:VAL:HG11	1:15:A:ALA:HB3	10	0.29
(18,1635)	1:12:A:VAL:HG12	1:15:A:ALA:HB1	10	0.29
(18,1635)	1:12:A:VAL:HG12	1:15:A:ALA:HB2	10	0.29
(18,1635)	1:12:A:VAL:HG12	1:15:A:ALA:HB3	10	0.29
(18,1635)	1:12:A:VAL:HG13	1:15:A:ALA:HB1	10	0.29
(18,1635)	1:12:A:VAL:HG13	1:15:A:ALA:HB2	10	0.29
(18,1635)	1:12:A:VAL:HG13	1:15:A:ALA:HB3	10	0.29
(18,1591)	1:73:A:ILE:HG21	1:76:A:ARG:H	18	0.29
(18,1591)	1:73:A:ILE:HG22	1:76:A:ARG:H	18	0.29
(18,1591)	1:73:A:ILE:HG23	1:76:A:ARG:H	18	0.29
(18,1575)	1:98:A:ILE:HG21	1:104:A:PHE:HE1	13	0.29
(18,1575)	1:98:A:ILE:HG21	1:104:A:PHE:HE2	13	0.29
(18,1575)	1:98:A:ILE:HG22	1:104:A:PHE:HE1	13	0.29
(18,1575)	1:98:A:ILE:HG22	1:104:A:PHE:HE2	13	0.29
(18,1575)	1:98:A:ILE:HG23	1:104:A:PHE:HE1	13	0.29
(18,1575)	1:98:A:ILE:HG23	1:104:A:PHE:HE2	13	0.29
(18,1571)	1:98:A:ILE:HG21	1:116:A:GLN:H	10	0.29
(18,1571)	1:98:A:ILE:HG22	1:116:A:GLN:H	10	0.29
(18,1571)	1:98:A:ILE:HG23	1:116:A:GLN:H	10	0.29
(18,1569)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	2	0.29
(18,1569)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	2	0.29
(18,1569)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	2	0.29
(18,1506)	1:69:A:MET:HE1	1:114:A:ILE:H	5	0.29
(18,1506)	1:69:A:MET:HE2	1:114:A:ILE:H	5	0.29
(18,1506)	1:69:A:MET:HE3	1:114:A:ILE:H	5	0.29
(18,1408)	1:73:A:ILE:HG21	1:110:A:MET:H	4	0.29
(18,1408)	1:73:A:ILE:HG22	1:110:A:MET:H	4	0.29
(18,1408)	1:73:A:ILE:HG23	1:110:A:MET:H	4	0.29
(18,1081)	1:140:A:LEU:H	1:140:A:LEU:HG	7	0.29
(18,1045)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	3	0.29
(18,1031)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	9	0.29
(18,1031)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	9	0.29
(18,979)	1:110:A:MET:HG2	1:114:A:ILE:HD11	13	0.29
(18,979)	1:110:A:MET:HG2	1:114:A:ILE:HD12	13	0.29
(18,979)	1:110:A:MET:HG2	1:114:A:ILE:HD13	13	0.29
(18,979)	1:110:A:MET:HG3	1:114:A:ILE:HD11	13	0.29
(18,979)	1:110:A:MET:HG3	1:114:A:ILE:HD12	13	0.29
(18,979)	1:110:A:MET:HG3	1:114:A:ILE:HD13	13	0.29
(18,832)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	13	0.29
(18,832)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	13	0.29
(18,832)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	13	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,832)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	13	0.29
(18,832)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	13	0.29
(18,832)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	13	0.29
(18,818)	1:95:A:ILE:HA	1:95:A:ILE:HD11	6	0.29
(18,818)	1:95:A:ILE:HA	1:95:A:ILE:HD12	6	0.29
(18,818)	1:95:A:ILE:HA	1:95:A:ILE:HD13	6	0.29
(18,739)	1:16:A:SER:H	1:17:A:ASN:HD21	16	0.29
(18,711)	1:98:A:ILE:H	1:100:A:ALA:H	6	0.29
(18,603)	1:75:A:GLY:H	1:76:A:ARG:HG2	1	0.29
(18,603)	1:75:A:GLY:H	1:76:A:ARG:HG3	1	0.29
(18,534)	1:67:A:PRO:HA	1:71:A:LYS:H	11	0.29
(18,500)	1:79:A:THR:H	1:79:A:THR:HG21	6	0.29
(18,500)	1:79:A:THR:H	1:79:A:THR:HG22	6	0.29
(18,500)	1:79:A:THR:H	1:79:A:THR:HG23	6	0.29
(18,382)	1:40:A:LEU:HB2	1:41:A:LYS:H	12	0.29
(18,305)	1:43:A:MET:H	1:43:A:MET:HG3	16	0.29
(18,292)	1:50:A:ALA:H	1:52:A:CYS:H	4	0.29
(18,228)	1:9:A:PHE:HE1	1:10:A:ASN:H	16	0.29
(18,228)	1:9:A:PHE:HE2	1:10:A:ASN:H	16	0.29
(18,211)	1:101:A:ILE:H	1:104:A:PHE:HB2	1	0.29
(18,194)	1:44:A:GLU:H	1:44:A:GLU:HG3	15	0.29
(18,118)	1:22:A:ASP:H	1:23:A:LEU:HB2	11	0.29
(18,118)	1:22:A:ASP:H	1:23:A:LEU:HB3	11	0.29
(18,78)	1:22:A:ASP:HA	1:23:A:LEU:H	5	0.29
(18,30)	1:35:A:LEU:H	1:35:A:LEU:HG	17	0.29
(17,2458)	1:140:A:LEU:HD11	1:144:A:LEU:H	17	0.29
(17,2458)	1:140:A:LEU:HD12	1:144:A:LEU:H	17	0.29
(17,2458)	1:140:A:LEU:HD13	1:144:A:LEU:H	17	0.29
(17,2458)	1:140:A:LEU:HD21	1:144:A:LEU:H	17	0.29
(17,2458)	1:140:A:LEU:HD22	1:144:A:LEU:H	17	0.29
(17,2458)	1:140:A:LEU:HD23	1:144:A:LEU:H	17	0.29
(17,2335)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	1	0.29
(17,2335)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	1	0.29
(17,2335)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	1	0.29
(17,2335)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	1	0.29
(17,2335)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	1	0.29
(17,2335)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	1	0.29
(17,2335)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	1	0.29
(17,2335)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	1	0.29
(17,2335)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	1	0.29
(17,2335)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	1	0.29
(17,2335)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	1	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2335)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	1	0.29
(17,2329)	1:106:A:ASP:H	1:107:A:LEU:HD11	11	0.29
(17,2329)	1:106:A:ASP:H	1:107:A:LEU:HD12	11	0.29
(17,2329)	1:106:A:ASP:H	1:107:A:LEU:HD13	11	0.29
(17,2329)	1:106:A:ASP:H	1:107:A:LEU:HD21	11	0.29
(17,2329)	1:106:A:ASP:H	1:107:A:LEU:HD22	11	0.29
(17,2329)	1:106:A:ASP:H	1:107:A:LEU:HD23	11	0.29
(17,2298)	1:97:A:ASP:HA	1:105:A:LYS:HG2	16	0.29
(17,2298)	1:97:A:ASP:HA	1:105:A:LYS:HG3	16	0.29
(17,2284)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	19	0.29
(17,2284)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	19	0.29
(17,2227)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	7	0.29
(17,2227)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	7	0.29
(17,2227)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	7	0.29
(17,2227)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	7	0.29
(17,2227)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	7	0.29
(17,2227)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	7	0.29
(17,2227)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	7	0.29
(17,2227)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	7	0.29
(17,2227)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	7	0.29
(17,2227)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	7	0.29
(17,2227)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	7	0.29
(17,2227)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	7	0.29
(17,2227)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	7	0.29
(17,2227)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	7	0.29
(17,2227)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	7	0.29
(17,2227)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	7	0.29
(17,2227)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	7	0.29
(17,2227)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	7	0.29
(17,2134)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	2	0.29
(17,2134)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	2	0.29
(17,2134)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	2	0.29
(17,2134)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	2	0.29
(17,2134)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	2	0.29
(17,2134)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	2	0.29
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD11	8	0.29
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD12	8	0.29
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD13	8	0.29
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD21	8	0.29
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD22	8	0.29
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD23	8	0.29
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD11	2	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD12	2	0.29
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD13	2	0.29
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD21	2	0.29
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD22	2	0.29
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD23	2	0.29
(17,2012)	1:14:A:VAL:HG11	1:62:A:HIS:H	17	0.29
(17,2012)	1:14:A:VAL:HG12	1:62:A:HIS:H	17	0.29
(17,2012)	1:14:A:VAL:HG13	1:62:A:HIS:H	17	0.29
(17,2012)	1:14:A:VAL:HG21	1:62:A:HIS:H	17	0.29
(17,2012)	1:14:A:VAL:HG22	1:62:A:HIS:H	17	0.29
(17,2012)	1:14:A:VAL:HG23	1:62:A:HIS:H	17	0.29
(17,2007)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	2	0.29
(17,2007)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	2	0.29
(17,2007)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	2	0.29
(17,2007)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	2	0.29
(17,2007)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	2	0.29
(17,2007)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	2	0.29
(17,1964)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	10	0.29
(17,1964)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	10	0.29
(17,1964)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	10	0.29
(17,1964)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	10	0.29
(17,1964)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	10	0.29
(17,1964)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	10	0.29
(17,1945)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	11	0.29
(17,1945)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	11	0.29
(17,1935)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	16	0.29
(17,1935)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	16	0.29
(17,1935)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	16	0.29
(17,1931)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	3	0.29
(17,1931)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	3	0.29
(17,1931)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	7	0.29
(17,1931)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	7	0.29
(17,1923)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	15	0.29
(17,1923)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	15	0.29
(17,1923)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	15	0.29
(17,1923)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	15	0.29
(17,1913)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	14	0.29
(17,1913)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	14	0.29
(17,1913)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	14	0.29
(17,1913)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	14	0.29
(17,1913)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	14	0.29
(17,1913)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	14	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1872)	1:9:A:PHE:HZ	1:11:A:ILE:HA	12	0.29
(17,1840)	1:9:A:PHE:HZ	1:54:A:ARG:HA	6	0.29
(17,1819)	1:104:A:PHE:HE1	1:105:A:LYS:HA	4	0.29
(17,1819)	1:104:A:PHE:HE2	1:105:A:LYS:HA	4	0.29
(17,1787)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	13	0.29
(17,1787)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	13	0.29
(17,1778)	1:39:A:VAL:HG21	1:144:A:LEU:H	13	0.29
(17,1778)	1:39:A:VAL:HG22	1:144:A:LEU:H	13	0.29
(17,1778)	1:39:A:VAL:HG23	1:144:A:LEU:H	13	0.29
(17,1682)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	14	0.29
(17,1682)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	14	0.29
(17,1602)	1:98:A:ILE:HG21	1:116:A:GLN:H	10	0.29
(17,1602)	1:98:A:ILE:HG22	1:116:A:GLN:H	10	0.29
(17,1602)	1:98:A:ILE:HG23	1:116:A:GLN:H	10	0.29
(17,1434)	1:73:A:ILE:HG21	1:110:A:MET:H	4	0.29
(17,1434)	1:73:A:ILE:HG22	1:110:A:MET:H	4	0.29
(17,1434)	1:73:A:ILE:HG23	1:110:A:MET:H	4	0.29
(17,1256)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	14	0.29
(17,1256)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	14	0.29
(17,1256)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	14	0.29
(17,1256)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	14	0.29
(17,1256)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	14	0.29
(17,1256)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	14	0.29
(17,1256)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	14	0.29
(17,1256)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	14	0.29
(17,1256)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	14	0.29
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD21	9	0.29
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD22	9	0.29
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD23	9	0.29
(17,1218)	1:41:A:LYS:HG3	1:44:A:GLU:HG2	17	0.29
(17,1177)	1:140:A:LEU:HD21	1:144:A:LEU:H	19	0.29
(17,1177)	1:140:A:LEU:HD22	1:144:A:LEU:H	19	0.29
(17,1177)	1:140:A:LEU:HD23	1:144:A:LEU:H	19	0.29
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	15	0.29
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	15	0.29
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	15	0.29
(17,1039)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	3	0.29
(17,1032)	1:8:A:ASP:H	1:58:A:ILE:HG13	13	0.29
(17,1021)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	9	0.29
(17,1021)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	9	0.29
(17,997)	1:12:A:VAL:HB	1:43:A:MET:HE1	8	0.29
(17,997)	1:12:A:VAL:HB	1:43:A:MET:HE2	8	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,997)	1:12:A:VAL:HB	1:43:A:MET:HE3	8	0.29
(17,918)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	5	0.29
(17,918)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	5	0.29
(17,918)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	5	0.29
(17,869)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	11	0.29
(17,869)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	11	0.29
(17,869)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	11	0.29
(17,820)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	9	0.29
(17,820)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	9	0.29
(17,820)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	9	0.29
(17,820)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	9	0.29
(17,820)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	9	0.29
(17,820)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	9	0.29
(17,820)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	9	0.29
(17,820)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	9	0.29
(17,820)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	9	0.29
(17,815)	1:95:A:ILE:HA	1:95:A:ILE:HD11	6	0.29
(17,815)	1:95:A:ILE:HA	1:95:A:ILE:HD12	6	0.29
(17,815)	1:95:A:ILE:HA	1:95:A:ILE:HD13	6	0.29
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	13	0.29
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	13	0.29
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	13	0.29
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	13	0.29
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	13	0.29
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	13	0.29
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	13	0.29
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	13	0.29
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	13	0.29
(17,697)	1:98:A:ILE:H	1:100:A:ALA:H	6	0.29
(17,641)	1:66:A:THR:H	1:70:A:LYS:H	14	0.29
(17,586)	1:75:A:GLY:H	1:76:A:ARG:HG2	1	0.29
(17,586)	1:75:A:GLY:H	1:76:A:ARG:HG3	1	0.29
(17,573)	1:69:A:MET:HE1	1:116:A:GLN:HE22	6	0.29
(17,573)	1:69:A:MET:HE2	1:116:A:GLN:HE22	6	0.29
(17,573)	1:69:A:MET:HE3	1:116:A:GLN:HE22	6	0.29
(17,550)	1:124:A:THR:H	1:128:A:LEU:HD21	3	0.29
(17,550)	1:124:A:THR:H	1:128:A:LEU:HD22	3	0.29
(17,550)	1:124:A:THR:H	1:128:A:LEU:HD23	3	0.29
(17,514)	1:67:A:PRO:HA	1:71:A:LYS:H	11	0.29
(17,481)	1:79:A:THR:H	1:79:A:THR:HG21	6	0.29
(17,481)	1:79:A:THR:H	1:79:A:THR:HG22	6	0.29
(17,481)	1:79:A:THR:H	1:79:A:THR:HG23	6	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,454)	1:18:A:PHE:H	1:113:A:PHE:HE1	7	0.29
(17,454)	1:18:A:PHE:H	1:113:A:PHE:HE2	7	0.29
(17,405)	1:125:A:THR:H	1:128:A:LEU:HG	3	0.29
(17,364)	1:70:A:LYS:H	1:73:A:ILE:HD11	17	0.29
(17,364)	1:70:A:LYS:H	1:73:A:ILE:HD12	17	0.29
(17,364)	1:70:A:LYS:H	1:73:A:ILE:HD13	17	0.29
(17,219)	1:9:A:PHE:HE1	1:10:A:ASN:H	16	0.29
(17,219)	1:9:A:PHE:HE2	1:10:A:ASN:H	16	0.29
(17,132)	1:13:A:ALA:HB1	1:80:A:TYR:H	17	0.29
(17,132)	1:13:A:ALA:HB2	1:80:A:TYR:H	17	0.29
(17,132)	1:13:A:ALA:HB3	1:80:A:TYR:H	17	0.29
(17,126)	1:46:A:ASN:HB3	1:49:A:LYS:H	13	0.29
(17,118)	1:79:A:THR:H	1:80:A:TYR:H	2	0.29
(17,118)	1:79:A:THR:H	1:80:A:TYR:H	11	0.29
(17,114)	1:80:A:TYR:H	1:81:A:GLU:HG2	8	0.29
(17,114)	1:80:A:TYR:H	1:81:A:GLU:HG3	8	0.29
(17,114)	1:80:A:TYR:H	1:81:A:GLU:HG2	15	0.29
(17,114)	1:80:A:TYR:H	1:81:A:GLU:HG3	15	0.29
(17,74)	1:22:A:ASP:HA	1:23:A:LEU:H	5	0.29
(17,45)	1:44:A:GLU:HG3	1:47:A:ALA:H	8	0.29
(16,2464)	1:140:A:LEU:HD11	1:144:A:LEU:H	13	0.29
(16,2464)	1:140:A:LEU:HD12	1:144:A:LEU:H	13	0.29
(16,2464)	1:140:A:LEU:HD13	1:144:A:LEU:H	13	0.29
(16,2464)	1:140:A:LEU:HD21	1:144:A:LEU:H	13	0.29
(16,2464)	1:140:A:LEU:HD22	1:144:A:LEU:H	13	0.29
(16,2464)	1:140:A:LEU:HD23	1:144:A:LEU:H	13	0.29
(16,2434)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	8	0.29
(16,2434)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	8	0.29
(16,2434)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	8	0.29
(16,2434)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	8	0.29
(16,2434)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	8	0.29
(16,2434)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	8	0.29
(16,2434)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	8	0.29
(16,2434)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	8	0.29
(16,2434)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	8	0.29
(16,2434)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	8	0.29
(16,2434)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	8	0.29
(16,2434)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	8	0.29
(16,2286)	1:97:A:ASP:HA	1:105:A:LYS:HG2	16	0.29
(16,2286)	1:97:A:ASP:HA	1:105:A:LYS:HG3	16	0.29
(16,2174)	1:53:A:THR:H	1:57:A:LEU:HD11	11	0.29
(16,2174)	1:53:A:THR:H	1:57:A:LEU:HD12	11	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2174)	1:53:A:THR:H	1:57:A:LEU:HD13	11	0.29
(16,2174)	1:53:A:THR:H	1:57:A:LEU:HD21	11	0.29
(16,2174)	1:53:A:THR:H	1:57:A:LEU:HD22	11	0.29
(16,2174)	1:53:A:THR:H	1:57:A:LEU:HD23	11	0.29
(16,2093)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	19	0.29
(16,2093)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	19	0.29
(16,2093)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	19	0.29
(16,2093)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	19	0.29
(16,2093)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	19	0.29
(16,2093)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	19	0.29
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD11	1	0.29
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD12	1	0.29
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD13	1	0.29
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD21	1	0.29
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD22	1	0.29
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD23	1	0.29
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD11	5	0.29
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD12	5	0.29
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD13	5	0.29
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD21	5	0.29
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD22	5	0.29
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD23	5	0.29
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD11	5	0.29
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD12	5	0.29
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD13	5	0.29
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD21	5	0.29
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD22	5	0.29
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD23	5	0.29
(16,1984)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	1	0.29
(16,1984)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	1	0.29
(16,1984)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	1	0.29
(16,1984)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	1	0.29
(16,1984)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	1	0.29
(16,1984)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	1	0.29
(16,1984)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	1	0.29
(16,1984)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	1	0.29
(16,1984)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	1	0.29
(16,1984)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	1	0.29
(16,1984)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	1	0.29
(16,1984)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	1	0.29
(16,1980)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	15	0.29
(16,1980)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	15	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1980)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	15	0.29
(16,1980)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	15	0.29
(16,1980)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	15	0.29
(16,1980)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	15	0.29
(16,1980)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	15	0.29
(16,1980)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	15	0.29
(16,1980)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	15	0.29
(16,1980)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	15	0.29
(16,1980)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	15	0.29
(16,1980)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	15	0.29
(16,1980)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	15	0.29
(16,1980)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	15	0.29
(16,1980)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	15	0.29
(16,1980)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	15	0.29
(16,1980)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	15	0.29
(16,1980)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	15	0.29
(16,1933)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	10	0.29
(16,1933)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	10	0.29
(16,1933)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	10	0.29
(16,1933)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	10	0.29
(16,1933)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	10	0.29
(16,1933)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	10	0.29
(16,1920)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	1	0.29
(16,1920)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	1	0.29
(16,1911)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	11	0.29
(16,1911)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	11	0.29
(16,1800)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	8	0.29
(16,1800)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	8	0.29
(16,1800)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	8	0.29
(16,1800)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	8	0.29
(16,1800)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	8	0.29
(16,1800)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	8	0.29
(16,1775)	1:80:A:TYR:HD1	1:81:A:GLU:HA	16	0.29
(16,1775)	1:80:A:TYR:HD2	1:81:A:GLU:HA	16	0.29
(16,1768)	1:9:A:PHE:HZ	1:54:A:ARG:HA	6	0.29
(16,1760)	1:97:A:ASP:HA	1:105:A:LYS:HA	16	0.29
(16,1756)	1:39:A:VAL:HG21	1:144:A:LEU:H	13	0.29
(16,1756)	1:39:A:VAL:HG22	1:144:A:LEU:H	13	0.29
(16,1756)	1:39:A:VAL:HG23	1:144:A:LEU:H	13	0.29
(16,1716)	1:21:A:THR:HG21	1:147:A:ARG:HE	11	0.29
(16,1716)	1:21:A:THR:HG22	1:147:A:ARG:HE	11	0.29
(16,1716)	1:21:A:THR:HG23	1:147:A:ARG:HE	11	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1589)	1:121:A:VAL:HG11	1:123:A:CYS:H	15	0.29
(16,1589)	1:121:A:VAL:HG12	1:123:A:CYS:H	15	0.29
(16,1589)	1:121:A:VAL:HG13	1:123:A:CYS:H	15	0.29
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG21	2	0.29
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG22	2	0.29
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG23	2	0.29
(16,1572)	1:98:A:ILE:HG21	1:116:A:GLN:H	10	0.29
(16,1572)	1:98:A:ILE:HG22	1:116:A:GLN:H	10	0.29
(16,1572)	1:98:A:ILE:HG23	1:116:A:GLN:H	10	0.29
(16,1567)	1:101:A:ILE:HD11	1:112:A:GLN:HA	1	0.29
(16,1567)	1:101:A:ILE:HD12	1:112:A:GLN:HA	1	0.29
(16,1567)	1:101:A:ILE:HD13	1:112:A:GLN:HA	1	0.29
(16,1446)	1:50:A:ALA:HB1	1:130:A:GLY:H	6	0.29
(16,1446)	1:50:A:ALA:HB2	1:130:A:GLY:H	6	0.29
(16,1446)	1:50:A:ALA:HB3	1:130:A:GLY:H	6	0.29
(16,1446)	1:50:A:ALA:HB1	1:130:A:GLY:H	15	0.29
(16,1446)	1:50:A:ALA:HB2	1:130:A:GLY:H	15	0.29
(16,1446)	1:50:A:ALA:HB3	1:130:A:GLY:H	15	0.29
(16,1415)	1:73:A:ILE:HG21	1:110:A:MET:H	4	0.29
(16,1415)	1:73:A:ILE:HG22	1:110:A:MET:H	4	0.29
(16,1415)	1:73:A:ILE:HG23	1:110:A:MET:H	4	0.29
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD11	2	0.29
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD12	2	0.29
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD13	2	0.29
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD11	10	0.29
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD12	10	0.29
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD13	10	0.29
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD11	14	0.29
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD12	14	0.29
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD13	14	0.29
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD11	16	0.29
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD12	16	0.29
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD13	16	0.29
(16,1317)	1:66:A:THR:HG21	1:98:A:ILE:HD11	19	0.29
(16,1317)	1:66:A:THR:HG21	1:98:A:ILE:HD12	19	0.29
(16,1317)	1:66:A:THR:HG21	1:98:A:ILE:HD13	19	0.29
(16,1317)	1:66:A:THR:HG22	1:98:A:ILE:HD11	19	0.29
(16,1317)	1:66:A:THR:HG22	1:98:A:ILE:HD12	19	0.29
(16,1317)	1:66:A:THR:HG22	1:98:A:ILE:HD13	19	0.29
(16,1317)	1:66:A:THR:HG23	1:98:A:ILE:HD11	19	0.29
(16,1317)	1:66:A:THR:HG23	1:98:A:ILE:HD12	19	0.29
(16,1317)	1:66:A:THR:HG23	1:98:A:ILE:HD13	19	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1309)	1:66:A:THR:HG21	1:96:A:VAL:HB	16	0.29
(16,1309)	1:66:A:THR:HG22	1:96:A:VAL:HB	16	0.29
(16,1309)	1:66:A:THR:HG23	1:96:A:VAL:HB	16	0.29
(16,1303)	1:11:A:ILE:HA	1:14:A:VAL:HG11	13	0.29
(16,1303)	1:11:A:ILE:HA	1:14:A:VAL:HG12	13	0.29
(16,1303)	1:11:A:ILE:HA	1:14:A:VAL:HG13	13	0.29
(16,1302)	1:66:A:THR:HG21	1:96:A:VAL:HA	13	0.29
(16,1302)	1:66:A:THR:HG22	1:96:A:VAL:HA	13	0.29
(16,1302)	1:66:A:THR:HG23	1:96:A:VAL:HA	13	0.29
(16,1270)	1:113:A:PHE:HE1	1:117:A:VAL:HG11	7	0.29
(16,1270)	1:113:A:PHE:HE1	1:117:A:VAL:HG12	7	0.29
(16,1270)	1:113:A:PHE:HE1	1:117:A:VAL:HG13	7	0.29
(16,1270)	1:113:A:PHE:HE2	1:117:A:VAL:HG11	7	0.29
(16,1270)	1:113:A:PHE:HE2	1:117:A:VAL:HG12	7	0.29
(16,1270)	1:113:A:PHE:HE2	1:117:A:VAL:HG13	7	0.29
(16,1225)	1:131:A:LEU:HA	1:134:A:VAL:HG21	11	0.29
(16,1225)	1:131:A:LEU:HA	1:134:A:VAL:HG22	11	0.29
(16,1225)	1:131:A:LEU:HA	1:134:A:VAL:HG23	11	0.29
(16,1167)	1:150:A:THR:HG21	1:151:A:PHE:HA	14	0.29
(16,1167)	1:150:A:THR:HG22	1:151:A:PHE:HA	14	0.29
(16,1167)	1:150:A:THR:HG23	1:151:A:PHE:HA	14	0.29
(16,968)	1:39:A:VAL:HA	1:43:A:MET:HG2	2	0.29
(16,945)	1:79:A:THR:HG21	1:81:A:GLU:HG2	18	0.29
(16,945)	1:79:A:THR:HG21	1:81:A:GLU:HG3	18	0.29
(16,945)	1:79:A:THR:HG22	1:81:A:GLU:HG2	18	0.29
(16,945)	1:79:A:THR:HG22	1:81:A:GLU:HG3	18	0.29
(16,945)	1:79:A:THR:HG23	1:81:A:GLU:HG2	18	0.29
(16,945)	1:79:A:THR:HG23	1:81:A:GLU:HG3	18	0.29
(16,908)	1:94:A:ALA:HA	1:95:A:ILE:HB	15	0.29
(16,814)	1:95:A:ILE:HA	1:95:A:ILE:HD11	6	0.29
(16,814)	1:95:A:ILE:HA	1:95:A:ILE:HD12	6	0.29
(16,814)	1:95:A:ILE:HA	1:95:A:ILE:HD13	6	0.29
(16,793)	1:63:A:ILE:HD11	1:64:A:LYS:H	4	0.29
(16,793)	1:63:A:ILE:HD12	1:64:A:LYS:H	4	0.29
(16,793)	1:63:A:ILE:HD13	1:64:A:LYS:H	4	0.29
(16,793)	1:63:A:ILE:HD11	1:64:A:LYS:H	5	0.29
(16,793)	1:63:A:ILE:HD12	1:64:A:LYS:H	5	0.29
(16,793)	1:63:A:ILE:HD13	1:64:A:LYS:H	5	0.29
(16,782)	1:101:A:ILE:HD11	1:115:A:ALA:H	15	0.29
(16,782)	1:101:A:ILE:HD12	1:115:A:ALA:H	15	0.29
(16,782)	1:101:A:ILE:HD13	1:115:A:ALA:H	15	0.29
(16,708)	1:46:A:ASN:HB3	1:134:A:VAL:H	6	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,660)	1:98:A:ILE:H	1:100:A:ALA:H	6	0.29
(16,595)	1:75:A:GLY:H	1:76:A:ARG:HG2	7	0.29
(16,595)	1:75:A:GLY:H	1:76:A:ARG:HG3	7	0.29
(16,587)	1:126:A:GLY:H	1:128:A:LEU:HG	7	0.29
(16,524)	1:67:A:PRO:HA	1:71:A:LYS:H	11	0.29
(16,489)	1:79:A:THR:H	1:79:A:THR:HG21	6	0.29
(16,489)	1:79:A:THR:H	1:79:A:THR:HG22	6	0.29
(16,489)	1:79:A:THR:H	1:79:A:THR:HG23	6	0.29
(16,475)	1:48:A:ARG:HA	1:53:A:THR:H	18	0.29
(16,414)	1:125:A:THR:H	1:128:A:LEU:HG	3	0.29
(16,391)	1:106:A:ASP:H	1:112:A:GLN:HE21	7	0.29
(16,127)	1:46:A:ASN:HB3	1:49:A:LYS:H	13	0.29
(16,115)	1:22:A:ASP:H	1:23:A:LEU:HB2	11	0.29
(16,115)	1:22:A:ASP:H	1:23:A:LEU:HB3	11	0.29
(16,88)	1:151:A:PHE:H	1:151:A:PHE:HB3	7	0.29
(16,71)	1:22:A:ASP:HA	1:23:A:LEU:H	5	0.29
(16,20)	1:94:A:ALA:H	1:95:A:ILE:HD11	19	0.29
(16,20)	1:94:A:ALA:H	1:95:A:ILE:HD12	19	0.29
(16,20)	1:94:A:ALA:H	1:95:A:ILE:HD13	19	0.29
(16,9)	1:63:A:ILE:HG13	1:64:A:LYS:H	18	0.29
(15,2496)	1:144:A:LEU:HD11	1:148:A:CYS:H	2	0.29
(15,2496)	1:144:A:LEU:HD12	1:148:A:CYS:H	2	0.29
(15,2496)	1:144:A:LEU:HD13	1:148:A:CYS:H	2	0.29
(15,2496)	1:144:A:LEU:HD21	1:148:A:CYS:H	2	0.29
(15,2496)	1:144:A:LEU:HD22	1:148:A:CYS:H	2	0.29
(15,2496)	1:144:A:LEU:HD23	1:148:A:CYS:H	2	0.29
(15,2467)	1:140:A:LEU:HD11	1:144:A:LEU:H	13	0.29
(15,2467)	1:140:A:LEU:HD12	1:144:A:LEU:H	13	0.29
(15,2467)	1:140:A:LEU:HD13	1:144:A:LEU:H	13	0.29
(15,2467)	1:140:A:LEU:HD21	1:144:A:LEU:H	13	0.29
(15,2467)	1:140:A:LEU:HD22	1:144:A:LEU:H	13	0.29
(15,2467)	1:140:A:LEU:HD23	1:144:A:LEU:H	13	0.29
(15,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	8	0.29
(15,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	8	0.29
(15,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	8	0.29
(15,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	8	0.29
(15,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	8	0.29
(15,2432)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	8	0.29
(15,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	8	0.29
(15,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	8	0.29
(15,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	8	0.29
(15,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	8	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	8	0.29
(15,2432)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	8	0.29
(15,2332)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	3	0.29
(15,2332)	1:108:A:GLU:HB2	1:111:A:GLU:HG3	3	0.29
(15,2332)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	3	0.29
(15,2332)	1:108:A:GLU:HB3	1:111:A:GLU:HG3	3	0.29
(15,2311)	1:105:A:LYS:HG2	1:112:A:GLN:HE21	17	0.29
(15,2311)	1:105:A:LYS:HG3	1:112:A:GLN:HE21	17	0.29
(15,2311)	1:105:A:LYS:HG2	1:112:A:GLN:HE22	17	0.29
(15,2311)	1:105:A:LYS:HG3	1:112:A:GLN:HE22	17	0.29
(15,2298)	1:103:A:ARG:HE	1:107:A:LEU:HD11	12	0.29
(15,2298)	1:103:A:ARG:HE	1:107:A:LEU:HD12	12	0.29
(15,2298)	1:103:A:ARG:HE	1:107:A:LEU:HD13	12	0.29
(15,2298)	1:103:A:ARG:HE	1:107:A:LEU:HD21	12	0.29
(15,2298)	1:103:A:ARG:HE	1:107:A:LEU:HD22	12	0.29
(15,2298)	1:103:A:ARG:HE	1:107:A:LEU:HD23	12	0.29
(15,2264)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	6	0.29
(15,2264)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	6	0.29
(15,2238)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	2	0.29
(15,2238)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	2	0.29
(15,2238)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	2	0.29
(15,2238)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	2	0.29
(15,2219)	1:67:A:PRO:HD2	1:96:A:VAL:HG11	6	0.29
(15,2219)	1:67:A:PRO:HD2	1:96:A:VAL:HG12	6	0.29
(15,2219)	1:67:A:PRO:HD2	1:96:A:VAL:HG13	6	0.29
(15,2219)	1:67:A:PRO:HD2	1:96:A:VAL:HG21	6	0.29
(15,2219)	1:67:A:PRO:HD2	1:96:A:VAL:HG22	6	0.29
(15,2219)	1:67:A:PRO:HD2	1:96:A:VAL:HG23	6	0.29
(15,2196)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	3	0.29
(15,2196)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	3	0.29
(15,2196)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	3	0.29
(15,2196)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	3	0.29
(15,2196)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	3	0.29
(15,2196)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	3	0.29
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	12	0.29
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	12	0.29
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	12	0.29
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	12	0.29
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	12	0.29
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	12	0.29
(15,2194)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	7	0.29
(15,2194)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	7	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2194)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	7	0.29
(15,2194)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	7	0.29
(15,2194)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	7	0.29
(15,2194)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	7	0.29
(15,2194)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	7	0.29
(15,2194)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	7	0.29
(15,2194)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	7	0.29
(15,2194)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	7	0.29
(15,2194)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	7	0.29
(15,2194)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	7	0.29
(15,2194)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	7	0.29
(15,2194)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	7	0.29
(15,2194)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	7	0.29
(15,2194)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	7	0.29
(15,2194)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	7	0.29
(15,2194)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	7	0.29
(15,2118)	1:43:A:MET:HA	1:134:A:VAL:HG11	7	0.29
(15,2118)	1:43:A:MET:HA	1:134:A:VAL:HG12	7	0.29
(15,2118)	1:43:A:MET:HA	1:134:A:VAL:HG13	7	0.29
(15,2118)	1:43:A:MET:HA	1:134:A:VAL:HG21	7	0.29
(15,2118)	1:43:A:MET:HA	1:134:A:VAL:HG22	7	0.29
(15,2118)	1:43:A:MET:HA	1:134:A:VAL:HG23	7	0.29
(15,2115)	1:43:A:MET:H	1:43:A:MET:HG2	1	0.29
(15,2115)	1:43:A:MET:H	1:43:A:MET:HG3	1	0.29
(15,2093)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	2	0.29
(15,2093)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	2	0.29
(15,2093)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	2	0.29
(15,2093)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	2	0.29
(15,2093)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	2	0.29
(15,2093)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	2	0.29
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	13	0.29
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	13	0.29
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	13	0.29
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	13	0.29
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	13	0.29
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	13	0.29
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	13	0.29
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	13	0.29
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	13	0.29
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	13	0.29
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	13	0.29
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	13	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	13	0.29
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	13	0.29
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	13	0.29
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	13	0.29
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	13	0.29
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	13	0.29
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	13	0.29
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	13	0.29
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	13	0.29
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	13	0.29
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	13	0.29
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	13	0.29
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	13	0.29
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	13	0.29
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	13	0.29
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	13	0.29
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	13	0.29
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	13	0.29
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	13	0.29
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	13	0.29
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	13	0.29
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	13	0.29
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	13	0.29
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	13	0.29
(15,1926)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	10	0.29
(15,1926)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	10	0.29
(15,1926)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	10	0.29
(15,1926)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	10	0.29
(15,1926)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	10	0.29
(15,1926)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	10	0.29
(15,1904)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	9	0.29
(15,1904)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	9	0.29
(15,1901)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	7	0.29
(15,1901)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	7	0.29
(15,1901)	1:8:A:ASP:HB3	1:9:A:PHE:HD1	7	0.29
(15,1901)	1:8:A:ASP:HB3	1:9:A:PHE:HD2	7	0.29
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	3	0.29
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	3	0.29
(15,1875)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	3	0.29
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	3	0.29
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	3	0.29
(15,1875)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	3	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1864)	1:104:A:PHE:HE1	1:105:A:LYS:H	8	0.29
(15,1864)	1:104:A:PHE:HE2	1:105:A:LYS:H	8	0.29
(15,1864)	1:104:A:PHE:HE1	1:105:A:LYS:H	15	0.29
(15,1864)	1:104:A:PHE:HE2	1:105:A:LYS:H	15	0.29
(15,1803)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	10	0.29
(15,1803)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	10	0.29
(15,1803)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	10	0.29
(15,1803)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	10	0.29
(15,1803)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	10	0.29
(15,1803)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	10	0.29
(15,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	8	0.29
(15,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	8	0.29
(15,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	8	0.29
(15,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	8	0.29
(15,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	8	0.29
(15,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	8	0.29
(15,1791)	1:104:A:PHE:HE1	1:105:A:LYS:HA	4	0.29
(15,1791)	1:104:A:PHE:HE2	1:105:A:LYS:HA	4	0.29
(15,1682)	1:72:A:PHE:HB2	1:109:A:PRO:HA	4	0.29
(15,1599)	1:73:A:ILE:HG21	1:76:A:ARG:H	18	0.29
(15,1599)	1:73:A:ILE:HG22	1:76:A:ARG:H	18	0.29
(15,1599)	1:73:A:ILE:HG23	1:76:A:ARG:H	18	0.29
(15,1565)	1:61:A:SER:HA	1:63:A:ILE:HD11	3	0.29
(15,1565)	1:61:A:SER:HA	1:63:A:ILE:HD12	3	0.29
(15,1565)	1:61:A:SER:HA	1:63:A:ILE:HD13	3	0.29
(15,1522)	1:69:A:MET:HE1	1:76:A:ARG:HG2	10	0.29
(15,1522)	1:69:A:MET:HE1	1:76:A:ARG:HG3	10	0.29
(15,1522)	1:69:A:MET:HE2	1:76:A:ARG:HG2	10	0.29
(15,1522)	1:69:A:MET:HE2	1:76:A:ARG:HG3	10	0.29
(15,1522)	1:69:A:MET:HE3	1:76:A:ARG:HG2	10	0.29
(15,1522)	1:69:A:MET:HE3	1:76:A:ARG:HG3	10	0.29
(15,1405)	1:94:A:ALA:H	1:94:A:ALA:HB1	18	0.29
(15,1405)	1:94:A:ALA:H	1:94:A:ALA:HB2	18	0.29
(15,1405)	1:94:A:ALA:H	1:94:A:ALA:HB3	18	0.29
(15,1313)	1:66:A:THR:HG21	1:98:A:ILE:HD11	19	0.29
(15,1313)	1:66:A:THR:HG21	1:98:A:ILE:HD12	19	0.29
(15,1313)	1:66:A:THR:HG21	1:98:A:ILE:HD13	19	0.29
(15,1313)	1:66:A:THR:HG22	1:98:A:ILE:HD11	19	0.29
(15,1313)	1:66:A:THR:HG22	1:98:A:ILE:HD12	19	0.29
(15,1313)	1:66:A:THR:HG22	1:98:A:ILE:HD13	19	0.29
(15,1313)	1:66:A:THR:HG23	1:98:A:ILE:HD11	19	0.29
(15,1313)	1:66:A:THR:HG23	1:98:A:ILE:HD12	19	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1313)	1:66:A:THR:HG23	1:98:A:ILE:HD13	19	0.29
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	11	0.29
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	11	0.29
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	11	0.29
(15,1237)	1:39:A:VAL:H	1:139:A:LEU:HD21	3	0.29
(15,1237)	1:39:A:VAL:H	1:139:A:LEU:HD22	3	0.29
(15,1237)	1:39:A:VAL:H	1:139:A:LEU:HD23	3	0.29
(15,1160)	1:150:A:THR:HG21	1:151:A:PHE:HA	14	0.29
(15,1160)	1:150:A:THR:HG22	1:151:A:PHE:HA	14	0.29
(15,1160)	1:150:A:THR:HG23	1:151:A:PHE:HA	14	0.29
(15,1071)	1:140:A:LEU:H	1:140:A:LEU:HG	7	0.29
(15,1060)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	3	0.29
(15,1060)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	3	0.29
(15,1060)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	7	0.29
(15,1060)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	7	0.29
(15,961)	1:11:A:ILE:HD11	1:43:A:MET:HB3	15	0.29
(15,961)	1:11:A:ILE:HD12	1:43:A:MET:HB3	15	0.29
(15,961)	1:11:A:ILE:HD13	1:43:A:MET:HB3	15	0.29
(15,892)	1:94:A:ALA:HA	1:95:A:ILE:HB	15	0.29
(15,840)	1:45:A:ALA:HA	1:48:A:ARG:HD2	11	0.29
(15,840)	1:45:A:ALA:HA	1:48:A:ARG:HD3	11	0.29
(15,813)	1:98:A:ILE:HD11	1:104:A:PHE:HD1	19	0.29
(15,813)	1:98:A:ILE:HD11	1:104:A:PHE:HD2	19	0.29
(15,813)	1:98:A:ILE:HD12	1:104:A:PHE:HD1	19	0.29
(15,813)	1:98:A:ILE:HD12	1:104:A:PHE:HD2	19	0.29
(15,813)	1:98:A:ILE:HD13	1:104:A:PHE:HD1	19	0.29
(15,813)	1:98:A:ILE:HD13	1:104:A:PHE:HD2	19	0.29
(15,697)	1:98:A:ILE:H	1:100:A:ALA:H	6	0.29
(15,588)	1:126:A:GLY:H	1:128:A:LEU:HG	8	0.29
(15,477)	1:48:A:ARG:HA	1:53:A:THR:H	18	0.29
(15,470)	1:14:A:VAL:H	1:14:A:VAL:HB	3	0.29
(15,470)	1:14:A:VAL:H	1:14:A:VAL:HB	4	0.29
(15,470)	1:14:A:VAL:H	1:14:A:VAL:HB	8	0.29
(15,470)	1:14:A:VAL:H	1:14:A:VAL:HB	9	0.29
(15,470)	1:14:A:VAL:H	1:14:A:VAL:HB	19	0.29
(15,448)	1:76:A:ARG:H	1:77:A:CYS:HB2	19	0.29
(15,412)	1:125:A:THR:H	1:128:A:LEU:HG	3	0.29
(15,390)	1:106:A:ASP:H	1:112:A:GLN:HE21	7	0.29
(15,356)	1:104:A:PHE:H	1:104:A:PHE:HD1	14	0.29
(15,356)	1:104:A:PHE:H	1:104:A:PHE:HD2	14	0.29
(15,139)	1:13:A:ALA:HB1	1:80:A:TYR:H	17	0.29
(15,139)	1:13:A:ALA:HB2	1:80:A:TYR:H	17	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,139)	1:13:A:ALA:HB3	1:80:A:TYR:H	17	0.29
(15,133)	1:46:A:ASN:HB3	1:49:A:LYS:H	13	0.29
(15,78)	1:22:A:ASP:HA	1:23:A:LEU:H	5	0.29
(13,2420)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	8	0.29
(13,2420)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	8	0.29
(13,2420)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	8	0.29
(13,2420)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	8	0.29
(13,2420)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	8	0.29
(13,2420)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	8	0.29
(13,2420)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	8	0.29
(13,2420)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	8	0.29
(13,2420)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	8	0.29
(13,2420)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	8	0.29
(13,2420)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	8	0.29
(13,2420)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	8	0.29
(13,2310)	1:107:A:LEU:HD11	1:112:A:GLN:H	3	0.29
(13,2310)	1:107:A:LEU:HD12	1:112:A:GLN:H	3	0.29
(13,2310)	1:107:A:LEU:HD13	1:112:A:GLN:H	3	0.29
(13,2310)	1:107:A:LEU:HD21	1:112:A:GLN:H	3	0.29
(13,2310)	1:107:A:LEU:HD22	1:112:A:GLN:H	3	0.29
(13,2310)	1:107:A:LEU:HD23	1:112:A:GLN:H	3	0.29
(13,2301)	1:106:A:ASP:H	1:107:A:LEU:HD11	11	0.29
(13,2301)	1:106:A:ASP:H	1:107:A:LEU:HD12	11	0.29
(13,2301)	1:106:A:ASP:H	1:107:A:LEU:HD13	11	0.29
(13,2301)	1:106:A:ASP:H	1:107:A:LEU:HD21	11	0.29
(13,2301)	1:106:A:ASP:H	1:107:A:LEU:HD22	11	0.29
(13,2301)	1:106:A:ASP:H	1:107:A:LEU:HD23	11	0.29
(13,2250)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	19	0.29
(13,2250)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	19	0.29
(13,2249)	1:79:A:THR:HG21	1:81:A:GLU:HB2	3	0.29
(13,2249)	1:79:A:THR:HG21	1:81:A:GLU:HB3	3	0.29
(13,2249)	1:79:A:THR:HG22	1:81:A:GLU:HB2	3	0.29
(13,2249)	1:79:A:THR:HG22	1:81:A:GLU:HB3	3	0.29
(13,2249)	1:79:A:THR:HG23	1:81:A:GLU:HB2	3	0.29
(13,2249)	1:79:A:THR:HG23	1:81:A:GLU:HB3	3	0.29
(13,2207)	1:67:A:PRO:HD2	1:96:A:VAL:HG11	6	0.29
(13,2207)	1:67:A:PRO:HD2	1:96:A:VAL:HG12	6	0.29
(13,2207)	1:67:A:PRO:HD2	1:96:A:VAL:HG13	6	0.29
(13,2207)	1:67:A:PRO:HD2	1:96:A:VAL:HG21	6	0.29
(13,2207)	1:67:A:PRO:HD2	1:96:A:VAL:HG22	6	0.29
(13,2207)	1:67:A:PRO:HD2	1:96:A:VAL:HG23	6	0.29
(13,2180)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	7	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2180)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	7	0.29
(13,2180)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	7	0.29
(13,2180)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	7	0.29
(13,2180)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	7	0.29
(13,2180)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	7	0.29
(13,2180)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	7	0.29
(13,2180)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	7	0.29
(13,2180)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	7	0.29
(13,2180)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	7	0.29
(13,2180)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	7	0.29
(13,2180)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	7	0.29
(13,2180)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	7	0.29
(13,2180)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	7	0.29
(13,2180)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	7	0.29
(13,2180)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	7	0.29
(13,2180)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	7	0.29
(13,2180)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	7	0.29
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD11	7	0.29
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD12	7	0.29
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD13	7	0.29
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD21	7	0.29
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD22	7	0.29
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD23	7	0.29
(13,2133)	1:53:A:THR:H	1:57:A:LEU:HD11	11	0.29
(13,2133)	1:53:A:THR:H	1:57:A:LEU:HD12	11	0.29
(13,2133)	1:53:A:THR:H	1:57:A:LEU:HD13	11	0.29
(13,2133)	1:53:A:THR:H	1:57:A:LEU:HD21	11	0.29
(13,2133)	1:53:A:THR:H	1:57:A:LEU:HD22	11	0.29
(13,2133)	1:53:A:THR:H	1:57:A:LEU:HD23	11	0.29
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD11	18	0.29
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD12	18	0.29
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD13	18	0.29
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD21	18	0.29
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD22	18	0.29
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD23	18	0.29
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD11	14	0.29
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD12	14	0.29
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD13	14	0.29
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD21	14	0.29
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD22	14	0.29
(13,2111)	1:46:A:ASN:H	1:131:A:LEU:HD23	14	0.29
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD11	16	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD12	16	0.29
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD13	16	0.29
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD21	16	0.29
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD22	16	0.29
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD23	16	0.29
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD11	15	0.29
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD12	15	0.29
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD13	15	0.29
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD21	15	0.29
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD22	15	0.29
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD23	15	0.29
(13,1957)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	2	0.29
(13,1957)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	2	0.29
(13,1957)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	2	0.29
(13,1957)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	2	0.29
(13,1957)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	2	0.29
(13,1957)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	2	0.29
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG21	16	0.29
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG22	16	0.29
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG23	16	0.29
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG21	16	0.29
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG22	16	0.29
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG23	16	0.29
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG21	16	0.29
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG22	16	0.29
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG23	16	0.29
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG21	16	0.29
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG22	16	0.29
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG23	16	0.29
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG21	16	0.29
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG22	16	0.29
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG23	16	0.29
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG21	16	0.29
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG22	16	0.29
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG23	16	0.29
(13,1908)	1:10:A:ASN:HD21	1:80:A:TYR:HB3	18	0.29
(13,1908)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	18	0.29
(13,1872)	1:58:A:ILE:HA	1:62:A:HIS:HE1	19	0.29
(13,1768)	1:104:A:PHE:HE1	1:105:A:LYS:HA	4	0.29
(13,1768)	1:104:A:PHE:HE2	1:105:A:LYS:HA	4	0.29
(13,1627)	1:69:A:MET:H	1:69:A:MET:HE1	1	0.29
(13,1627)	1:69:A:MET:H	1:69:A:MET:HE2	1	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1627)	1:69:A:MET:H	1:69:A:MET:HE3	1	0.29
(13,1612)	1:47:A:ALA:H	1:134:A:VAL:HG11	1	0.29
(13,1612)	1:47:A:ALA:H	1:134:A:VAL:HG12	1	0.29
(13,1612)	1:47:A:ALA:H	1:134:A:VAL:HG13	1	0.29
(13,1575)	1:73:A:ILE:HG21	1:76:A:ARG:H	18	0.29
(13,1575)	1:73:A:ILE:HG22	1:76:A:ARG:H	18	0.29
(13,1575)	1:73:A:ILE:HG23	1:76:A:ARG:H	18	0.29
(13,1551)	1:101:A:ILE:HD11	1:112:A:GLN:HA	1	0.29
(13,1551)	1:101:A:ILE:HD12	1:112:A:GLN:HA	1	0.29
(13,1551)	1:101:A:ILE:HD13	1:112:A:GLN:HA	1	0.29
(13,1496)	1:69:A:MET:HE1	1:110:A:MET:HA	10	0.29
(13,1496)	1:69:A:MET:HE2	1:110:A:MET:HA	10	0.29
(13,1496)	1:69:A:MET:HE3	1:110:A:MET:HA	10	0.29
(13,1431)	1:13:A:ALA:HB1	1:61:A:SER:HA	8	0.29
(13,1431)	1:13:A:ALA:HB2	1:61:A:SER:HA	8	0.29
(13,1431)	1:13:A:ALA:HB3	1:61:A:SER:HA	8	0.29
(13,1267)	1:128:A:LEU:H	1:128:A:LEU:HD21	3	0.29
(13,1267)	1:128:A:LEU:H	1:128:A:LEU:HD22	3	0.29
(13,1267)	1:128:A:LEU:H	1:128:A:LEU:HD23	3	0.29
(13,1222)	1:37:A:LEU:HD11	1:38:A:GLU:HA	8	0.29
(13,1222)	1:37:A:LEU:HD12	1:38:A:GLU:HA	8	0.29
(13,1222)	1:37:A:LEU:HD13	1:38:A:GLU:HA	8	0.29
(13,1222)	1:37:A:LEU:HD11	1:38:A:GLU:HA	15	0.29
(13,1222)	1:37:A:LEU:HD12	1:38:A:GLU:HA	15	0.29
(13,1222)	1:37:A:LEU:HD13	1:38:A:GLU:HA	15	0.29
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD11	3	0.29
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD12	3	0.29
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD13	3	0.29
(13,1138)	1:150:A:THR:HG21	1:151:A:PHE:HA	14	0.29
(13,1138)	1:150:A:THR:HG22	1:151:A:PHE:HA	14	0.29
(13,1138)	1:150:A:THR:HG23	1:151:A:PHE:HA	14	0.29
(13,1068)	1:45:A:ALA:HA	1:48:A:ARG:HG2	5	0.29
(13,1068)	1:45:A:ALA:HA	1:48:A:ARG:HG3	5	0.29
(13,1051)	1:140:A:LEU:H	1:140:A:LEU:HG	7	0.29
(13,1002)	1:34:A:LYS:H	1:81:A:GLU:HB3	12	0.29
(13,990)	1:27:A:ARG:HB2	1:28:A:GLY:H	11	0.29
(13,948)	1:11:A:ILE:HD11	1:43:A:MET:HB2	18	0.29
(13,948)	1:11:A:ILE:HD12	1:43:A:MET:HB2	18	0.29
(13,948)	1:11:A:ILE:HD13	1:43:A:MET:HB2	18	0.29
(13,946)	1:11:A:ILE:HD11	1:43:A:MET:HB3	15	0.29
(13,946)	1:11:A:ILE:HD12	1:43:A:MET:HB3	15	0.29
(13,946)	1:11:A:ILE:HD13	1:43:A:MET:HB3	15	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,881)	1:94:A:ALA:HA	1:95:A:ILE:HB	15	0.29
(13,846)	1:60:A:LEU:HB3	1:63:A:ILE:H	19	0.29
(13,796)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	9	0.29
(13,796)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	9	0.29
(13,796)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	9	0.29
(13,796)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	9	0.29
(13,796)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	9	0.29
(13,796)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	9	0.29
(13,796)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	9	0.29
(13,796)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	9	0.29
(13,796)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	9	0.29
(13,792)	1:95:A:ILE:HA	1:95:A:ILE:HD11	6	0.29
(13,792)	1:95:A:ILE:HA	1:95:A:ILE:HD12	6	0.29
(13,792)	1:95:A:ILE:HA	1:95:A:ILE:HD13	6	0.29
(13,760)	1:101:A:ILE:HD11	1:115:A:ALA:H	15	0.29
(13,760)	1:101:A:ILE:HD12	1:115:A:ALA:H	15	0.29
(13,760)	1:101:A:ILE:HD13	1:115:A:ALA:H	15	0.29
(13,746)	1:37:A:LEU:H	1:40:A:LEU:HB2	17	0.29
(13,698)	1:44:A:GLU:HB2	1:48:A:ARG:HE	8	0.29
(13,698)	1:44:A:GLU:HB3	1:48:A:ARG:HE	8	0.29
(13,583)	1:75:A:GLY:H	1:76:A:ARG:HG2	1	0.29
(13,583)	1:75:A:GLY:H	1:76:A:ARG:HG3	1	0.29
(13,568)	1:11:A:ILE:HD11	1:16:A:SER:H	2	0.29
(13,568)	1:11:A:ILE:HD12	1:16:A:SER:H	2	0.29
(13,568)	1:11:A:ILE:HD13	1:16:A:SER:H	2	0.29
(13,549)	1:124:A:THR:H	1:128:A:LEU:HD21	3	0.29
(13,549)	1:124:A:THR:H	1:128:A:LEU:HD22	3	0.29
(13,549)	1:124:A:THR:H	1:128:A:LEU:HD23	3	0.29
(13,461)	1:14:A:VAL:H	1:14:A:VAL:HB	3	0.29
(13,461)	1:14:A:VAL:H	1:14:A:VAL:HB	4	0.29
(13,461)	1:14:A:VAL:H	1:14:A:VAL:HB	8	0.29
(13,461)	1:14:A:VAL:H	1:14:A:VAL:HB	9	0.29
(13,461)	1:14:A:VAL:H	1:14:A:VAL:HB	19	0.29
(13,405)	1:125:A:THR:H	1:128:A:LEU:HG	3	0.29
(13,390)	1:105:A:LYS:HD2	1:106:A:ASP:H	15	0.29
(13,390)	1:105:A:LYS:HD3	1:106:A:ASP:H	15	0.29
(13,383)	1:106:A:ASP:H	1:112:A:GLN:HE21	7	0.29
(13,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	1	0.29
(13,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	1	0.29
(13,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	1	0.29
(13,130)	1:13:A:ALA:HB1	1:80:A:TYR:H	17	0.29
(13,130)	1:13:A:ALA:HB2	1:80:A:TYR:H	17	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,130)	1:13:A:ALA:HB3	1:80:A:TYR:H	17	0.29
(13,114)	1:22:A:ASP:H	1:23:A:LEU:HB2	11	0.29
(13,114)	1:22:A:ASP:H	1:23:A:LEU:HB3	11	0.29
(13,113)	1:80:A:TYR:H	1:81:A:GLU:HG2	8	0.29
(13,113)	1:80:A:TYR:H	1:81:A:GLU:HG3	8	0.29
(13,113)	1:80:A:TYR:H	1:81:A:GLU:HG2	15	0.29
(13,113)	1:80:A:TYR:H	1:81:A:GLU:HG3	15	0.29
(13,71)	1:22:A:ASP:HA	1:23:A:LEU:H	5	0.29
(13,18)	1:94:A:ALA:H	1:95:A:ILE:HD11	19	0.29
(13,18)	1:94:A:ALA:H	1:95:A:ILE:HD12	19	0.29
(13,18)	1:94:A:ALA:H	1:95:A:ILE:HD13	19	0.29
(11,2341)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	1	0.29
(11,2341)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	1	0.29
(11,2341)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	1	0.29
(11,2341)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	1	0.29
(11,2341)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	1	0.29
(11,2341)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	1	0.29
(11,2341)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	1	0.29
(11,2341)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	1	0.29
(11,2341)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	1	0.29
(11,2341)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	1	0.29
(11,2341)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	1	0.29
(11,2341)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	1	0.29
(11,2244)	1:67:A:PRO:HD2	1:96:A:VAL:HG11	6	0.29
(11,2244)	1:67:A:PRO:HD2	1:96:A:VAL:HG12	6	0.29
(11,2244)	1:67:A:PRO:HD2	1:96:A:VAL:HG13	6	0.29
(11,2244)	1:67:A:PRO:HD2	1:96:A:VAL:HG21	6	0.29
(11,2244)	1:67:A:PRO:HD2	1:96:A:VAL:HG22	6	0.29
(11,2244)	1:67:A:PRO:HD2	1:96:A:VAL:HG23	6	0.29
(11,2225)	1:64:A:LYS:H	1:116:A:GLN:HE21	3	0.29
(11,2225)	1:64:A:LYS:H	1:116:A:GLN:HE22	3	0.29
(11,2218)	1:60:A:LEU:HD11	1:61:A:SER:HB2	16	0.29
(11,2218)	1:60:A:LEU:HD11	1:61:A:SER:HB3	16	0.29
(11,2218)	1:60:A:LEU:HD12	1:61:A:SER:HB2	16	0.29
(11,2218)	1:60:A:LEU:HD12	1:61:A:SER:HB3	16	0.29
(11,2218)	1:60:A:LEU:HD13	1:61:A:SER:HB2	16	0.29
(11,2218)	1:60:A:LEU:HD13	1:61:A:SER:HB3	16	0.29
(11,2211)	1:57:A:LEU:HD11	1:60:A:LEU:HG	8	0.29
(11,2211)	1:57:A:LEU:HD12	1:60:A:LEU:HG	8	0.29
(11,2211)	1:57:A:LEU:HD13	1:60:A:LEU:HG	8	0.29
(11,2211)	1:57:A:LEU:HD21	1:60:A:LEU:HG	8	0.29
(11,2211)	1:57:A:LEU:HD22	1:60:A:LEU:HG	8	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2211)	1:57:A:LEU:HD23	1:60:A:LEU:HG	8	0.29
(11,2191)	1:53:A:THR:H	1:57:A:LEU:HD11	11	0.29
(11,2191)	1:53:A:THR:H	1:57:A:LEU:HD12	11	0.29
(11,2191)	1:53:A:THR:H	1:57:A:LEU:HD13	11	0.29
(11,2191)	1:53:A:THR:H	1:57:A:LEU:HD21	11	0.29
(11,2191)	1:53:A:THR:H	1:57:A:LEU:HD22	11	0.29
(11,2191)	1:53:A:THR:H	1:57:A:LEU:HD23	11	0.29
(11,2097)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	19	0.29
(11,2097)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	19	0.29
(11,2097)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	19	0.29
(11,2097)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	19	0.29
(11,2097)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	19	0.29
(11,2097)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	19	0.29
(11,1939)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	16	0.29
(11,1939)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	16	0.29
(11,1939)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	16	0.29
(11,1933)	1:58:A:ILE:HA	1:62:A:HIS:HE1	19	0.29
(11,1835)	1:104:A:PHE:HE1	1:105:A:LYS:HA	4	0.29
(11,1835)	1:104:A:PHE:HE2	1:105:A:LYS:HA	4	0.29
(11,1802)	1:97:A:ASP:HA	1:105:A:LYS:HA	7	0.29
(11,1798)	1:39:A:VAL:HG21	1:144:A:LEU:H	13	0.29
(11,1798)	1:39:A:VAL:HG22	1:144:A:LEU:H	13	0.29
(11,1798)	1:39:A:VAL:HG23	1:144:A:LEU:H	13	0.29
(11,1693)	1:69:A:MET:H	1:69:A:MET:HE1	1	0.29
(11,1693)	1:69:A:MET:H	1:69:A:MET:HE2	1	0.29
(11,1693)	1:69:A:MET:H	1:69:A:MET:HE3	1	0.29
(11,1681)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	8	0.29
(11,1681)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	8	0.29
(11,1681)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	8	0.29
(11,1638)	1:73:A:ILE:HG21	1:76:A:ARG:H	18	0.29
(11,1638)	1:73:A:ILE:HG22	1:76:A:ARG:H	18	0.29
(11,1638)	1:73:A:ILE:HG23	1:76:A:ARG:H	18	0.29
(11,1615)	1:98:A:ILE:HG21	1:116:A:GLN:H	10	0.29
(11,1615)	1:98:A:ILE:HG22	1:116:A:GLN:H	10	0.29
(11,1615)	1:98:A:ILE:HG23	1:116:A:GLN:H	10	0.29
(11,1554)	1:69:A:MET:HE1	1:76:A:ARG:HG2	16	0.29
(11,1554)	1:69:A:MET:HE1	1:76:A:ARG:HG3	16	0.29
(11,1554)	1:69:A:MET:HE2	1:76:A:ARG:HG2	16	0.29
(11,1554)	1:69:A:MET:HE2	1:76:A:ARG:HG3	16	0.29
(11,1554)	1:69:A:MET:HE3	1:76:A:ARG:HG2	16	0.29
(11,1554)	1:69:A:MET:HE3	1:76:A:ARG:HG3	16	0.29
(11,1552)	1:69:A:MET:HE1	1:109:A:PRO:HB2	17	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1552)	1:69:A:MET:HE1	1:109:A:PRO:HB3	17	0.29
(11,1552)	1:69:A:MET:HE2	1:109:A:PRO:HB2	17	0.29
(11,1552)	1:69:A:MET:HE2	1:109:A:PRO:HB3	17	0.29
(11,1552)	1:69:A:MET:HE3	1:109:A:PRO:HB2	17	0.29
(11,1552)	1:69:A:MET:HE3	1:109:A:PRO:HB3	17	0.29
(11,1434)	1:73:A:ILE:HG21	1:110:A:MET:H	4	0.29
(11,1434)	1:73:A:ILE:HG22	1:110:A:MET:H	4	0.29
(11,1434)	1:73:A:ILE:HG23	1:110:A:MET:H	4	0.29
(11,1427)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	5	0.29
(11,1427)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	5	0.29
(11,1427)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	5	0.29
(11,1371)	1:113:A:PHE:HE1	1:117:A:VAL:HG11	7	0.29
(11,1371)	1:113:A:PHE:HE1	1:117:A:VAL:HG12	7	0.29
(11,1371)	1:113:A:PHE:HE1	1:117:A:VAL:HG13	7	0.29
(11,1371)	1:113:A:PHE:HE2	1:117:A:VAL:HG11	7	0.29
(11,1371)	1:113:A:PHE:HE2	1:117:A:VAL:HG12	7	0.29
(11,1371)	1:113:A:PHE:HE2	1:117:A:VAL:HG13	7	0.29
(11,1278)	1:23:A:LEU:HA	1:23:A:LEU:HD11	8	0.29
(11,1278)	1:23:A:LEU:HA	1:23:A:LEU:HD12	8	0.29
(11,1278)	1:23:A:LEU:HA	1:23:A:LEU:HD13	8	0.29
(11,1266)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	14	0.29
(11,1266)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	14	0.29
(11,1266)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	14	0.29
(11,1266)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	14	0.29
(11,1266)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	14	0.29
(11,1266)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	14	0.29
(11,1266)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	14	0.29
(11,1266)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	14	0.29
(11,1266)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	14	0.29
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD11	3	0.29
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD12	3	0.29
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD13	3	0.29
(11,1228)	1:69:A:MET:HE1	1:110:A:MET:HA	1	0.29
(11,1228)	1:69:A:MET:HE2	1:110:A:MET:HA	1	0.29
(11,1228)	1:69:A:MET:HE3	1:110:A:MET:HA	1	0.29
(11,1179)	1:140:A:LEU:HD21	1:144:A:LEU:H	19	0.29
(11,1179)	1:140:A:LEU:HD22	1:144:A:LEU:H	19	0.29
(11,1179)	1:140:A:LEU:HD23	1:144:A:LEU:H	19	0.29
(11,1172)	1:150:A:THR:HG21	1:151:A:PHE:HA	14	0.29
(11,1172)	1:150:A:THR:HG22	1:151:A:PHE:HA	14	0.29
(11,1172)	1:150:A:THR:HG23	1:151:A:PHE:HA	14	0.29
(11,1066)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	3	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1066)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	3	0.29
(11,1066)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	7	0.29
(11,1066)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	7	0.29
(11,1027)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	9	0.29
(11,1027)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	9	0.29
(11,964)	1:15:A:ALA:HB1	1:43:A:MET:HB2	1	0.29
(11,964)	1:15:A:ALA:HB2	1:43:A:MET:HB2	1	0.29
(11,964)	1:15:A:ALA:HB3	1:43:A:MET:HB2	1	0.29
(11,835)	1:45:A:ALA:HA	1:48:A:ARG:HD2	11	0.29
(11,835)	1:45:A:ALA:HA	1:48:A:ARG:HD3	11	0.29
(11,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	9	0.29
(11,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	9	0.29
(11,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	9	0.29
(11,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	9	0.29
(11,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	9	0.29
(11,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	9	0.29
(11,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	9	0.29
(11,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	9	0.29
(11,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	9	0.29
(11,771)	1:101:A:ILE:HD11	1:115:A:ALA:H	15	0.29
(11,771)	1:101:A:ILE:HD12	1:115:A:ALA:H	15	0.29
(11,771)	1:101:A:ILE:HD13	1:115:A:ALA:H	15	0.29
(11,631)	1:9:A:PHE:HD1	1:58:A:ILE:H	6	0.29
(11,631)	1:9:A:PHE:HD2	1:58:A:ILE:H	6	0.29
(11,631)	1:9:A:PHE:HD1	1:58:A:ILE:H	15	0.29
(11,631)	1:9:A:PHE:HD2	1:58:A:ILE:H	15	0.29
(11,591)	1:75:A:GLY:H	1:76:A:ARG:HG2	1	0.29
(11,591)	1:75:A:GLY:H	1:76:A:ARG:HG3	1	0.29
(11,487)	1:79:A:THR:H	1:79:A:THR:HG21	6	0.29
(11,487)	1:79:A:THR:H	1:79:A:THR:HG22	6	0.29
(11,487)	1:79:A:THR:H	1:79:A:THR:HG23	6	0.29
(11,472)	1:48:A:ARG:HA	1:53:A:THR:H	18	0.29
(11,392)	1:106:A:ASP:H	1:112:A:GLN:HE21	7	0.29
(11,264)	1:39:A:VAL:H	1:40:A:LEU:HB2	4	0.29
(11,133)	1:13:A:ALA:HB1	1:80:A:TYR:H	17	0.29
(11,133)	1:13:A:ALA:HB2	1:80:A:TYR:H	17	0.29
(11,133)	1:13:A:ALA:HB3	1:80:A:TYR:H	17	0.29
(11,115)	1:80:A:TYR:H	1:81:A:GLU:HG2	8	0.29
(11,115)	1:80:A:TYR:H	1:81:A:GLU:HG3	8	0.29
(11,115)	1:80:A:TYR:H	1:81:A:GLU:HG2	15	0.29
(11,115)	1:80:A:TYR:H	1:81:A:GLU:HG3	15	0.29
(11,77)	1:22:A:ASP:HA	1:23:A:LEU:H	5	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,52)	1:47:A:ALA:H	1:48:A:ARG:HB2	17	0.29
(11,52)	1:47:A:ALA:H	1:48:A:ARG:HB3	17	0.29
(11,49)	1:44:A:GLU:HG3	1:47:A:ALA:H	8	0.29
(11,31)	1:35:A:LEU:H	1:35:A:LEU:HG	17	0.29
(9,2411)	1:141:A:LYS:H	1:148:A:CYS:HB2	4	0.29
(9,2411)	1:141:A:LYS:H	1:148:A:CYS:HB3	4	0.29
(9,2411)	1:141:A:LYS:H	1:148:A:CYS:HB2	12	0.29
(9,2411)	1:141:A:LYS:H	1:148:A:CYS:HB3	12	0.29
(9,2382)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	8	0.29
(9,2382)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	8	0.29
(9,2382)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	8	0.29
(9,2382)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	8	0.29
(9,2382)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	8	0.29
(9,2382)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	8	0.29
(9,2382)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	8	0.29
(9,2382)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	8	0.29
(9,2382)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	8	0.29
(9,2382)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	8	0.29
(9,2382)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	8	0.29
(9,2382)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	8	0.29
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD11	8	0.29
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD12	8	0.29
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD13	8	0.29
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD21	8	0.29
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD22	8	0.29
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD23	8	0.29
(9,2326)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	3	0.29
(9,2326)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	3	0.29
(9,2326)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	3	0.29
(9,2326)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	3	0.29
(9,2326)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	3	0.29
(9,2326)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	3	0.29
(9,2272)	1:107:A:LEU:HD11	1:112:A:GLN:H	3	0.29
(9,2272)	1:107:A:LEU:HD12	1:112:A:GLN:H	3	0.29
(9,2272)	1:107:A:LEU:HD13	1:112:A:GLN:H	3	0.29
(9,2272)	1:107:A:LEU:HD21	1:112:A:GLN:H	3	0.29
(9,2272)	1:107:A:LEU:HD22	1:112:A:GLN:H	3	0.29
(9,2272)	1:107:A:LEU:HD23	1:112:A:GLN:H	3	0.29
(9,2205)	1:70:A:LYS:H	1:70:A:LYS:HD2	5	0.29
(9,2205)	1:70:A:LYS:H	1:70:A:LYS:HD3	5	0.29
(9,2142)	1:53:A:THR:H	1:57:A:LEU:HD11	11	0.29
(9,2142)	1:53:A:THR:H	1:57:A:LEU:HD12	11	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2142)	1:53:A:THR:H	1:57:A:LEU:HD13	11	0.29
(9,2142)	1:53:A:THR:H	1:57:A:LEU:HD21	11	0.29
(9,2142)	1:53:A:THR:H	1:57:A:LEU:HD22	11	0.29
(9,2142)	1:53:A:THR:H	1:57:A:LEU:HD23	11	0.29
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	19	0.29
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	19	0.29
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	19	0.29
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG21	19	0.29
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG22	19	0.29
(9,2136)	1:47:A:ALA:HB1	1:134:A:VAL:HG23	19	0.29
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	19	0.29
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	19	0.29
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	19	0.29
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG21	19	0.29
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG22	19	0.29
(9,2136)	1:47:A:ALA:HB2	1:134:A:VAL:HG23	19	0.29
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	19	0.29
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	19	0.29
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	19	0.29
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG21	19	0.29
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG22	19	0.29
(9,2136)	1:47:A:ALA:HB3	1:134:A:VAL:HG23	19	0.29
(9,2093)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	1	0.29
(9,2093)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	1	0.29
(9,2093)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	1	0.29
(9,2093)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	1	0.29
(9,2093)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	1	0.29
(9,2093)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	1	0.29
(9,2093)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	1	0.29
(9,2093)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	1	0.29
(9,2093)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	1	0.29
(9,2093)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	1	0.29
(9,2093)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	1	0.29
(9,2093)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	1	0.29
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD11	2	0.29
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD12	2	0.29
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD13	2	0.29
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD21	2	0.29
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD22	2	0.29
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD23	2	0.29
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	12	0.29
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	12	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	12	0.29
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	12	0.29
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	12	0.29
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	12	0.29
(9,1943)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	7	0.29
(9,1943)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	7	0.29
(9,1943)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	7	0.29
(9,1943)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	7	0.29
(9,1910)	1:58:A:ILE:HA	1:62:A:HIS:HE1	19	0.29
(9,1884)	1:104:A:PHE:HE1	1:113:A:PHE:HA	3	0.29
(9,1884)	1:104:A:PHE:HE2	1:113:A:PHE:HA	3	0.29
(9,1882)	1:104:A:PHE:HE1	1:105:A:LYS:H	18	0.29
(9,1882)	1:104:A:PHE:HE2	1:105:A:LYS:H	18	0.29
(9,1858)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	10	0.29
(9,1858)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	10	0.29
(9,1847)	1:9:A:PHE:HZ	1:11:A:ILE:HA	12	0.29
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB1	13	0.29
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB2	13	0.29
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB3	13	0.29
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB1	13	0.29
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB2	13	0.29
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB3	13	0.29
(9,1798)	1:104:A:PHE:HE1	1:105:A:LYS:HA	4	0.29
(9,1798)	1:104:A:PHE:HE2	1:105:A:LYS:HA	4	0.29
(9,1759)	1:97:A:ASP:HA	1:105:A:LYS:HA	16	0.29
(9,1650)	1:69:A:MET:HE1	1:116:A:GLN:HE22	18	0.29
(9,1650)	1:69:A:MET:HE2	1:116:A:GLN:HE22	18	0.29
(9,1650)	1:69:A:MET:HE3	1:116:A:GLN:HE22	18	0.29
(9,1611)	1:149:A:ALA:HB1	1:151:A:PHE:HA	2	0.29
(9,1611)	1:149:A:ALA:HB2	1:151:A:PHE:HA	2	0.29
(9,1611)	1:149:A:ALA:HB3	1:151:A:PHE:HA	2	0.29
(9,1611)	1:149:A:ALA:HB1	1:151:A:PHE:HA	13	0.29
(9,1611)	1:149:A:ALA:HB2	1:151:A:PHE:HA	13	0.29
(9,1611)	1:149:A:ALA:HB3	1:151:A:PHE:HA	13	0.29
(9,1600)	1:73:A:ILE:HG21	1:76:A:ARG:H	18	0.29
(9,1600)	1:73:A:ILE:HG22	1:76:A:ARG:H	18	0.29
(9,1600)	1:73:A:ILE:HG23	1:76:A:ARG:H	18	0.29
(9,1581)	1:98:A:ILE:HG21	1:116:A:GLN:H	10	0.29
(9,1581)	1:98:A:ILE:HG22	1:116:A:GLN:H	10	0.29
(9,1581)	1:98:A:ILE:HG23	1:116:A:GLN:H	10	0.29
(9,1548)	1:39:A:VAL:H	1:139:A:LEU:HD11	12	0.29
(9,1548)	1:39:A:VAL:H	1:139:A:LEU:HD12	12	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1548)	1:39:A:VAL:H	1:139:A:LEU:HD13	12	0.29
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE1	9	0.29
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE2	9	0.29
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE3	9	0.29
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE1	9	0.29
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE2	9	0.29
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE3	9	0.29
(9,1515)	1:69:A:MET:HE1	1:116:A:GLN:HE21	13	0.29
(9,1515)	1:69:A:MET:HE2	1:116:A:GLN:HE21	13	0.29
(9,1515)	1:69:A:MET:HE3	1:116:A:GLN:HE21	13	0.29
(9,1512)	1:69:A:MET:HE1	1:114:A:ILE:H	5	0.29
(9,1512)	1:69:A:MET:HE2	1:114:A:ILE:H	5	0.29
(9,1512)	1:69:A:MET:HE3	1:114:A:ILE:H	5	0.29
(9,1409)	1:73:A:ILE:HG21	1:110:A:MET:H	4	0.29
(9,1409)	1:73:A:ILE:HG22	1:110:A:MET:H	4	0.29
(9,1409)	1:73:A:ILE:HG23	1:110:A:MET:H	4	0.29
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG11	9	0.29
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG12	9	0.29
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG13	9	0.29
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG11	17	0.29
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG12	17	0.29
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG13	17	0.29
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG11	19	0.29
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG12	19	0.29
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG13	19	0.29
(9,1251)	1:37:A:LEU:HD11	1:38:A:GLU:HA	8	0.29
(9,1251)	1:37:A:LEU:HD12	1:38:A:GLU:HA	8	0.29
(9,1251)	1:37:A:LEU:HD13	1:38:A:GLU:HA	8	0.29
(9,1251)	1:37:A:LEU:HD11	1:38:A:GLU:HA	15	0.29
(9,1251)	1:37:A:LEU:HD12	1:38:A:GLU:HA	15	0.29
(9,1251)	1:37:A:LEU:HD13	1:38:A:GLU:HA	15	0.29
(9,1216)	1:69:A:MET:HE1	1:110:A:MET:HA	1	0.29
(9,1216)	1:69:A:MET:HE2	1:110:A:MET:HA	1	0.29
(9,1216)	1:69:A:MET:HE3	1:110:A:MET:HA	1	0.29
(9,1173)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	6	0.29
(9,1173)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	6	0.29
(9,1173)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	6	0.29
(9,1173)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	6	0.29
(9,1173)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	6	0.29
(9,1173)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	6	0.29
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD21	17	0.29
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD22	17	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD23	17	0.29
(9,1065)	1:140:A:LEU:H	1:140:A:LEU:HG	7	0.29
(9,1045)	1:110:A:MET:HE1	1:114:A:ILE:HG12	13	0.29
(9,1045)	1:110:A:MET:HE2	1:114:A:ILE:HG12	13	0.29
(9,1045)	1:110:A:MET:HE3	1:114:A:ILE:HG12	13	0.29
(9,910)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	1	0.29
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	2	0.29
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	2	0.29
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	2	0.29
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	2	0.29
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	2	0.29
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	2	0.29
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	2	0.29
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	2	0.29
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	2	0.29
(9,798)	1:55:A:GLY:H	1:58:A:ILE:HD11	10	0.29
(9,798)	1:55:A:GLY:H	1:58:A:ILE:HD12	10	0.29
(9,798)	1:55:A:GLY:H	1:58:A:ILE:HD13	10	0.29
(9,691)	1:98:A:ILE:H	1:100:A:ALA:H	6	0.29
(9,589)	1:75:A:GLY:H	1:76:A:ARG:HG2	1	0.29
(9,589)	1:75:A:GLY:H	1:76:A:ARG:HG3	1	0.29
(9,486)	1:147:A:ARG:HD2	1:148:A:CYS:H	9	0.29
(9,486)	1:147:A:ARG:HD3	1:148:A:CYS:H	9	0.29
(9,478)	1:14:A:VAL:H	1:61:A:SER:HA	19	0.29
(9,396)	1:106:A:ASP:H	1:112:A:GLN:HE21	7	0.29
(9,378)	1:70:A:LYS:H	1:73:A:ILE:HD11	17	0.29
(9,378)	1:70:A:LYS:H	1:73:A:ILE:HD12	17	0.29
(9,378)	1:70:A:LYS:H	1:73:A:ILE:HD13	17	0.29
(9,304)	1:43:A:MET:H	1:43:A:MET:HG3	16	0.29
(9,131)	1:13:A:ALA:HB1	1:80:A:TYR:H	17	0.29
(9,131)	1:13:A:ALA:HB2	1:80:A:TYR:H	17	0.29
(9,131)	1:13:A:ALA:HB3	1:80:A:TYR:H	17	0.29
(9,125)	1:46:A:ASN:HB3	1:49:A:LYS:H	13	0.29
(9,115)	1:22:A:ASP:H	1:23:A:LEU:HB2	11	0.29
(9,115)	1:22:A:ASP:H	1:23:A:LEU:HB3	11	0.29
(9,74)	1:22:A:ASP:HA	1:23:A:LEU:H	5	0.29
(9,48)	1:44:A:GLU:HG3	1:47:A:ALA:H	8	0.29
(9,18)	1:94:A:ALA:H	1:95:A:ILE:HD11	19	0.29
(9,18)	1:94:A:ALA:H	1:95:A:ILE:HD12	19	0.29
(9,18)	1:94:A:ALA:H	1:95:A:ILE:HD13	19	0.29
(7,2424)	1:134:A:VAL:HG11	1:137:A:SER:HB2	13	0.29
(7,2424)	1:134:A:VAL:HG11	1:137:A:SER:HB3	13	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2424)	1:134:A:VAL:HG12	1:137:A:SER:HB2	13	0.29
(7,2424)	1:134:A:VAL:HG12	1:137:A:SER:HB3	13	0.29
(7,2424)	1:134:A:VAL:HG13	1:137:A:SER:HB2	13	0.29
(7,2424)	1:134:A:VAL:HG13	1:137:A:SER:HB3	13	0.29
(7,2424)	1:134:A:VAL:HG21	1:137:A:SER:HB2	13	0.29
(7,2424)	1:134:A:VAL:HG21	1:137:A:SER:HB3	13	0.29
(7,2424)	1:134:A:VAL:HG22	1:137:A:SER:HB2	13	0.29
(7,2424)	1:134:A:VAL:HG22	1:137:A:SER:HB3	13	0.29
(7,2424)	1:134:A:VAL:HG23	1:137:A:SER:HB2	13	0.29
(7,2424)	1:134:A:VAL:HG23	1:137:A:SER:HB3	13	0.29
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	10	0.29
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	10	0.29
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	10	0.29
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	10	0.29
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	10	0.29
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	10	0.29
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	10	0.29
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	10	0.29
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	10	0.29
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	10	0.29
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	10	0.29
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	10	0.29
(7,2290)	1:103:A:ARG:HE	1:107:A:LEU:HD11	12	0.29
(7,2290)	1:103:A:ARG:HE	1:107:A:LEU:HD12	12	0.29
(7,2290)	1:103:A:ARG:HE	1:107:A:LEU:HD13	12	0.29
(7,2290)	1:103:A:ARG:HE	1:107:A:LEU:HD21	12	0.29
(7,2290)	1:103:A:ARG:HE	1:107:A:LEU:HD22	12	0.29
(7,2290)	1:103:A:ARG:HE	1:107:A:LEU:HD23	12	0.29
(7,2268)	1:97:A:ASP:HA	1:105:A:LYS:HG2	16	0.29
(7,2268)	1:97:A:ASP:HA	1:105:A:LYS:HG3	16	0.29
(7,2221)	1:67:A:PRO:HD2	1:96:A:VAL:HG11	6	0.29
(7,2221)	1:67:A:PRO:HD2	1:96:A:VAL:HG12	6	0.29
(7,2221)	1:67:A:PRO:HD2	1:96:A:VAL:HG13	6	0.29
(7,2221)	1:67:A:PRO:HD2	1:96:A:VAL:HG21	6	0.29
(7,2221)	1:67:A:PRO:HD2	1:96:A:VAL:HG22	6	0.29
(7,2221)	1:67:A:PRO:HD2	1:96:A:VAL:HG23	6	0.29
(7,2221)	1:67:A:PRO:HD3	1:96:A:VAL:HG11	6	0.29
(7,2221)	1:67:A:PRO:HD3	1:96:A:VAL:HG12	6	0.29
(7,2221)	1:67:A:PRO:HD3	1:96:A:VAL:HG13	6	0.29
(7,2221)	1:67:A:PRO:HD3	1:96:A:VAL:HG21	6	0.29
(7,2221)	1:67:A:PRO:HD3	1:96:A:VAL:HG22	6	0.29
(7,2221)	1:67:A:PRO:HD3	1:96:A:VAL:HG23	6	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2197)	1:63:A:ILE:HG12	1:117:A:VAL:H	5	0.29
(7,2197)	1:63:A:ILE:HG13	1:117:A:VAL:H	5	0.29
(7,2191)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	7	0.29
(7,2191)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	7	0.29
(7,2191)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	7	0.29
(7,2191)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	7	0.29
(7,2191)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	7	0.29
(7,2191)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	7	0.29
(7,2191)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	7	0.29
(7,2191)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	7	0.29
(7,2191)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	7	0.29
(7,2191)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	7	0.29
(7,2191)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	7	0.29
(7,2191)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	7	0.29
(7,2191)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	7	0.29
(7,2191)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	7	0.29
(7,2191)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	7	0.29
(7,2191)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	7	0.29
(7,2191)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	7	0.29
(7,2191)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	7	0.29
(7,2184)	1:60:A:LEU:HD11	1:123:A:CYS:H	18	0.29
(7,2184)	1:60:A:LEU:HD12	1:123:A:CYS:H	18	0.29
(7,2184)	1:60:A:LEU:HD13	1:123:A:CYS:H	18	0.29
(7,2184)	1:60:A:LEU:HD21	1:123:A:CYS:H	18	0.29
(7,2184)	1:60:A:LEU:HD22	1:123:A:CYS:H	18	0.29
(7,2184)	1:60:A:LEU:HD23	1:123:A:CYS:H	18	0.29
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD11	10	0.29
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD12	10	0.29
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD13	10	0.29
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD21	10	0.29
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD22	10	0.29
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD23	10	0.29
(7,2093)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	9	0.29
(7,2093)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	9	0.29
(7,2093)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	9	0.29
(7,2093)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	9	0.29
(7,2093)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	9	0.29
(7,2093)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	9	0.29
(7,2057)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	12	0.29
(7,2057)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	12	0.29
(7,2057)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	12	0.29
(7,2057)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	12	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2057)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	12	0.29
(7,2057)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	12	0.29
(7,2051)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	19	0.29
(7,2051)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	19	0.29
(7,2051)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	19	0.29
(7,2051)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	19	0.29
(7,2051)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	19	0.29
(7,2051)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	19	0.29
(7,1997)	1:23:A:LEU:HD11	1:27:A:ARG:HA	1	0.29
(7,1997)	1:23:A:LEU:HD12	1:27:A:ARG:HA	1	0.29
(7,1997)	1:23:A:LEU:HD13	1:27:A:ARG:HA	1	0.29
(7,1997)	1:23:A:LEU:HD21	1:27:A:ARG:HA	1	0.29
(7,1997)	1:23:A:LEU:HD22	1:27:A:ARG:HA	1	0.29
(7,1997)	1:23:A:LEU:HD23	1:27:A:ARG:HA	1	0.29
(7,1997)	1:23:A:LEU:HD11	1:27:A:ARG:HA	12	0.29
(7,1997)	1:23:A:LEU:HD12	1:27:A:ARG:HA	12	0.29
(7,1997)	1:23:A:LEU:HD13	1:27:A:ARG:HA	12	0.29
(7,1997)	1:23:A:LEU:HD21	1:27:A:ARG:HA	12	0.29
(7,1997)	1:23:A:LEU:HD22	1:27:A:ARG:HA	12	0.29
(7,1997)	1:23:A:LEU:HD23	1:27:A:ARG:HA	12	0.29
(7,1971)	1:18:A:PHE:HB2	1:132:A:ALA:HA	5	0.29
(7,1971)	1:18:A:PHE:HB3	1:132:A:ALA:HA	5	0.29
(7,1951)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	7	0.29
(7,1951)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	7	0.29
(7,1951)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	7	0.29
(7,1951)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	7	0.29
(7,1951)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	7	0.29
(7,1951)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	7	0.29
(7,1951)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	7	0.29
(7,1951)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	7	0.29
(7,1951)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	7	0.29
(7,1951)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	7	0.29
(7,1951)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	7	0.29
(7,1951)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	7	0.29
(7,1951)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	7	0.29
(7,1951)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	7	0.29
(7,1951)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	7	0.29
(7,1951)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	7	0.29
(7,1951)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	7	0.29
(7,1951)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	7	0.29
(7,1951)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	7	0.29
(7,1951)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	7	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1951)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	7	0.29
(7,1951)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	7	0.29
(7,1951)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	7	0.29
(7,1951)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	7	0.29
(7,1951)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	7	0.29
(7,1951)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	7	0.29
(7,1951)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	7	0.29
(7,1951)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	7	0.29
(7,1951)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	7	0.29
(7,1951)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	7	0.29
(7,1951)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	7	0.29
(7,1951)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	7	0.29
(7,1951)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	7	0.29
(7,1951)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	7	0.29
(7,1951)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	7	0.29
(7,1951)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	7	0.29
(7,1947)	1:14:A:VAL:HG11	1:61:A:SER:H	12	0.29
(7,1947)	1:14:A:VAL:HG12	1:61:A:SER:H	12	0.29
(7,1947)	1:14:A:VAL:HG13	1:61:A:SER:H	12	0.29
(7,1947)	1:14:A:VAL:HG21	1:61:A:SER:H	12	0.29
(7,1947)	1:14:A:VAL:HG22	1:61:A:SER:H	12	0.29
(7,1947)	1:14:A:VAL:HG23	1:61:A:SER:H	12	0.29
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD11	17	0.29
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD12	17	0.29
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD13	17	0.29
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD21	17	0.29
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD22	17	0.29
(7,1924)	1:11:A:ILE:HD11	1:60:A:LEU:HD23	17	0.29
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD11	17	0.29
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD12	17	0.29
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD13	17	0.29
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD21	17	0.29
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD22	17	0.29
(7,1924)	1:11:A:ILE:HD12	1:60:A:LEU:HD23	17	0.29
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD11	17	0.29
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD12	17	0.29
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD13	17	0.29
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD21	17	0.29
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD22	17	0.29
(7,1924)	1:11:A:ILE:HD13	1:60:A:LEU:HD23	17	0.29
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD11	4	0.29
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD12	4	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD13	4	0.29
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD21	4	0.29
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD22	4	0.29
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD23	4	0.29
(7,1883)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	16	0.29
(7,1883)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	16	0.29
(7,1883)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	16	0.29
(7,1775)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	8	0.29
(7,1775)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	8	0.29
(7,1775)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	8	0.29
(7,1775)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	8	0.29
(7,1775)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	8	0.29
(7,1775)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	8	0.29
(7,1759)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	15	0.29
(7,1759)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	15	0.29
(7,1759)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	15	0.29
(7,1759)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	15	0.29
(7,1759)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	15	0.29
(7,1759)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	15	0.29
(7,1749)	1:80:A:TYR:HD1	1:81:A:GLU:HA	16	0.29
(7,1749)	1:80:A:TYR:HD2	1:81:A:GLU:HA	16	0.29
(7,1729)	1:97:A:ASP:HA	1:105:A:LYS:HA	7	0.29
(7,1726)	1:39:A:VAL:HG21	1:144:A:LEU:H	13	0.29
(7,1726)	1:39:A:VAL:HG22	1:144:A:LEU:H	13	0.29
(7,1726)	1:39:A:VAL:HG23	1:144:A:LEU:H	13	0.29
(7,1714)	1:36:A:PRO:HA	1:37:A:LEU:HD21	4	0.29
(7,1714)	1:36:A:PRO:HA	1:37:A:LEU:HD22	4	0.29
(7,1714)	1:36:A:PRO:HA	1:37:A:LEU:HD23	4	0.29
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD2	17	0.29
(7,1692)	1:21:A:THR:HG21	1:147:A:ARG:HD3	17	0.29
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD2	17	0.29
(7,1692)	1:21:A:THR:HG22	1:147:A:ARG:HD3	17	0.29
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD2	17	0.29
(7,1692)	1:21:A:THR:HG23	1:147:A:ARG:HD3	17	0.29
(7,1630)	1:69:A:MET:H	1:69:A:MET:HE1	1	0.29
(7,1630)	1:69:A:MET:H	1:69:A:MET:HE2	1	0.29
(7,1630)	1:69:A:MET:H	1:69:A:MET:HE3	1	0.29
(7,1593)	1:149:A:ALA:HB1	1:151:A:PHE:HA	2	0.29
(7,1593)	1:149:A:ALA:HB2	1:151:A:PHE:HA	2	0.29
(7,1593)	1:149:A:ALA:HB3	1:151:A:PHE:HA	2	0.29
(7,1593)	1:149:A:ALA:HB1	1:151:A:PHE:HA	13	0.29
(7,1593)	1:149:A:ALA:HB2	1:151:A:PHE:HA	13	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1593)	1:149:A:ALA:HB3	1:151:A:PHE:HA	13	0.29
(7,1580)	1:73:A:ILE:HG21	1:76:A:ARG:H	18	0.29
(7,1580)	1:73:A:ILE:HG22	1:76:A:ARG:H	18	0.29
(7,1580)	1:73:A:ILE:HG23	1:76:A:ARG:H	18	0.29
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	5	0.29
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	5	0.29
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	5	0.29
(7,1567)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	1	0.29
(7,1567)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	1	0.29
(7,1567)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	1	0.29
(7,1567)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	1	0.29
(7,1567)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	1	0.29
(7,1567)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	1	0.29
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE1	10	0.29
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE2	10	0.29
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE3	10	0.29
(7,1426)	1:50:A:ALA:HB1	1:130:A:GLY:H	6	0.29
(7,1426)	1:50:A:ALA:HB2	1:130:A:GLY:H	6	0.29
(7,1426)	1:50:A:ALA:HB3	1:130:A:GLY:H	6	0.29
(7,1426)	1:50:A:ALA:HB1	1:130:A:GLY:H	15	0.29
(7,1426)	1:50:A:ALA:HB2	1:130:A:GLY:H	15	0.29
(7,1426)	1:50:A:ALA:HB3	1:130:A:GLY:H	15	0.29
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG21	2	0.29
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG22	2	0.29
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG23	2	0.29
(7,1360)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	19	0.29
(7,1360)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	19	0.29
(7,1360)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	19	0.29
(7,1360)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	19	0.29
(7,1360)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	19	0.29
(7,1360)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	19	0.29
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	10	0.29
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	10	0.29
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	10	0.29
(7,1197)	1:11:A:ILE:HD11	1:131:A:LEU:HA	17	0.29
(7,1197)	1:11:A:ILE:HD12	1:131:A:LEU:HA	17	0.29
(7,1197)	1:11:A:ILE:HD13	1:131:A:LEU:HA	17	0.29
(7,1192)	1:69:A:MET:HE1	1:110:A:MET:HA	1	0.29
(7,1192)	1:69:A:MET:HE2	1:110:A:MET:HA	1	0.29
(7,1192)	1:69:A:MET:HE3	1:110:A:MET:HA	1	0.29
(7,1046)	1:140:A:LEU:H	1:140:A:LEU:HG	7	0.29
(7,1027)	1:110:A:MET:HE1	1:114:A:ILE:HG12	13	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1027)	1:110:A:MET:HE2	1:114:A:ILE:HG12	13	0.29
(7,1027)	1:110:A:MET:HE3	1:114:A:ILE:HG12	13	0.29
(7,951)	1:110:A:MET:HG2	1:114:A:ILE:HD11	17	0.29
(7,951)	1:110:A:MET:HG2	1:114:A:ILE:HD12	17	0.29
(7,951)	1:110:A:MET:HG2	1:114:A:ILE:HD13	17	0.29
(7,951)	1:110:A:MET:HG3	1:114:A:ILE:HD11	17	0.29
(7,951)	1:110:A:MET:HG3	1:114:A:ILE:HD12	17	0.29
(7,951)	1:110:A:MET:HG3	1:114:A:ILE:HD13	17	0.29
(7,883)	1:94:A:ALA:HA	1:95:A:ILE:HB	15	0.29
(7,857)	1:56:A:CYS:H	1:122:A:ASP:HB3	16	0.29
(7,802)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	9	0.29
(7,802)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	9	0.29
(7,802)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	9	0.29
(7,802)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	9	0.29
(7,802)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	9	0.29
(7,802)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	9	0.29
(7,802)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	9	0.29
(7,802)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	9	0.29
(7,802)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	9	0.29
(7,798)	1:95:A:ILE:HA	1:95:A:ILE:HD11	6	0.29
(7,798)	1:95:A:ILE:HA	1:95:A:ILE:HD12	6	0.29
(7,798)	1:95:A:ILE:HA	1:95:A:ILE:HD13	6	0.29
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD11	5	0.29
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD12	5	0.29
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD13	5	0.29
(7,765)	1:101:A:ILE:HD11	1:115:A:ALA:H	15	0.29
(7,765)	1:101:A:ILE:HD12	1:115:A:ALA:H	15	0.29
(7,765)	1:101:A:ILE:HD13	1:115:A:ALA:H	15	0.29
(7,751)	1:37:A:LEU:H	1:40:A:LEU:HB2	17	0.29
(7,718)	1:73:A:ILE:HG21	1:76:A:ARG:HE	18	0.29
(7,718)	1:73:A:ILE:HG22	1:76:A:ARG:HE	18	0.29
(7,718)	1:73:A:ILE:HG23	1:76:A:ARG:HE	18	0.29
(7,652)	1:98:A:ILE:H	1:100:A:ALA:H	6	0.29
(7,589)	1:75:A:GLY:H	1:76:A:ARG:HG2	1	0.29
(7,589)	1:75:A:GLY:H	1:76:A:ARG:HG3	1	0.29
(7,584)	1:126:A:GLY:H	1:128:A:LEU:HB2	9	0.29
(7,489)	1:79:A:THR:H	1:79:A:THR:HG21	6	0.29
(7,489)	1:79:A:THR:H	1:79:A:THR:HG22	6	0.29
(7,489)	1:79:A:THR:H	1:79:A:THR:HG23	6	0.29
(7,474)	1:48:A:ARG:HA	1:53:A:THR:H	18	0.29
(7,466)	1:14:A:VAL:H	1:14:A:VAL:HB	3	0.29
(7,466)	1:14:A:VAL:H	1:14:A:VAL:HB	4	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,466)	1:14:A:VAL:H	1:14:A:VAL:HB	8	0.29
(7,466)	1:14:A:VAL:H	1:14:A:VAL:HB	9	0.29
(7,466)	1:14:A:VAL:H	1:14:A:VAL:HB	19	0.29
(7,460)	1:18:A:PHE:H	1:113:A:PHE:HE1	7	0.29
(7,460)	1:18:A:PHE:H	1:113:A:PHE:HE2	7	0.29
(7,442)	1:68:A:LYS:H	1:70:A:LYS:HG3	1	0.29
(7,366)	1:70:A:LYS:H	1:73:A:ILE:HD11	17	0.29
(7,366)	1:70:A:LYS:H	1:73:A:ILE:HD12	17	0.29
(7,366)	1:70:A:LYS:H	1:73:A:ILE:HD13	17	0.29
(7,297)	1:128:A:LEU:HB3	1:129:A:LYS:H	18	0.29
(7,131)	1:13:A:ALA:HB1	1:80:A:TYR:H	17	0.29
(7,131)	1:13:A:ALA:HB2	1:80:A:TYR:H	17	0.29
(7,131)	1:13:A:ALA:HB3	1:80:A:TYR:H	17	0.29
(7,107)	1:69:A:MET:H	1:70:A:LYS:HG3	17	0.29
(7,89)	1:96:A:VAL:H	1:97:A:ASP:H	15	0.29
(7,73)	1:22:A:ASP:HA	1:23:A:LEU:H	5	0.29
(7,17)	1:94:A:ALA:H	1:95:A:ILE:HD11	19	0.29
(7,17)	1:94:A:ALA:H	1:95:A:ILE:HD12	19	0.29
(7,17)	1:94:A:ALA:H	1:95:A:ILE:HD13	19	0.29
(6,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	8	0.29
(6,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	8	0.29
(6,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	8	0.29
(6,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	8	0.29
(6,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	8	0.29
(6,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	8	0.29
(6,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	8	0.29
(6,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	8	0.29
(6,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	8	0.29
(6,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	8	0.29
(6,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	8	0.29
(6,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	8	0.29
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD11	8	0.29
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD12	8	0.29
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD13	8	0.29
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD21	8	0.29
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD22	8	0.29
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD23	8	0.29
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG2	16	0.29
(6,2344)	1:110:A:MET:H	1:111:A:GLU:HG3	16	0.29
(6,2333)	1:107:A:LEU:HD11	1:112:A:GLN:H	3	0.29
(6,2333)	1:107:A:LEU:HD12	1:112:A:GLN:H	3	0.29
(6,2333)	1:107:A:LEU:HD13	1:112:A:GLN:H	3	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2333)	1:107:A:LEU:HD21	1:112:A:GLN:H	3	0.29
(6,2333)	1:107:A:LEU:HD22	1:112:A:GLN:H	3	0.29
(6,2333)	1:107:A:LEU:HD23	1:112:A:GLN:H	3	0.29
(6,2311)	1:103:A:ARG:HE	1:107:A:LEU:HD11	12	0.29
(6,2311)	1:103:A:ARG:HE	1:107:A:LEU:HD12	12	0.29
(6,2311)	1:103:A:ARG:HE	1:107:A:LEU:HD13	12	0.29
(6,2311)	1:103:A:ARG:HE	1:107:A:LEU:HD21	12	0.29
(6,2311)	1:103:A:ARG:HE	1:107:A:LEU:HD22	12	0.29
(6,2311)	1:103:A:ARG:HE	1:107:A:LEU:HD23	12	0.29
(6,2293)	1:97:A:ASP:HA	1:105:A:LYS:HG2	16	0.29
(6,2293)	1:97:A:ASP:HA	1:105:A:LYS:HG3	16	0.29
(6,2279)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	19	0.29
(6,2279)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	19	0.29
(6,2278)	1:79:A:THR:HG21	1:81:A:GLU:HB2	3	0.29
(6,2278)	1:79:A:THR:HG21	1:81:A:GLU:HB3	3	0.29
(6,2278)	1:79:A:THR:HG22	1:81:A:GLU:HB2	3	0.29
(6,2278)	1:79:A:THR:HG22	1:81:A:GLU:HB3	3	0.29
(6,2278)	1:79:A:THR:HG23	1:81:A:GLU:HB2	3	0.29
(6,2278)	1:79:A:THR:HG23	1:81:A:GLU:HB3	3	0.29
(6,2222)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	7	0.29
(6,2222)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	7	0.29
(6,2222)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	7	0.29
(6,2222)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	7	0.29
(6,2222)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	7	0.29
(6,2222)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	7	0.29
(6,2222)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	7	0.29
(6,2222)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	7	0.29
(6,2222)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	7	0.29
(6,2222)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	7	0.29
(6,2222)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	7	0.29
(6,2222)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	7	0.29
(6,2222)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	7	0.29
(6,2222)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	7	0.29
(6,2222)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	7	0.29
(6,2222)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	7	0.29
(6,2222)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	7	0.29
(6,2222)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	7	0.29
(6,2202)	1:57:A:LEU:HD11	1:60:A:LEU:HG	8	0.29
(6,2202)	1:57:A:LEU:HD12	1:60:A:LEU:HG	8	0.29
(6,2202)	1:57:A:LEU:HD13	1:60:A:LEU:HG	8	0.29
(6,2202)	1:57:A:LEU:HD21	1:60:A:LEU:HG	8	0.29
(6,2202)	1:57:A:LEU:HD22	1:60:A:LEU:HG	8	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2202)	1:57:A:LEU:HD23	1:60:A:LEU:HG	8	0.29
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG11	6	0.29
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG12	6	0.29
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG13	6	0.29
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG21	6	0.29
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG22	6	0.29
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG23	6	0.29
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG11	6	0.29
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG12	6	0.29
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG13	6	0.29
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG21	6	0.29
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG22	6	0.29
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG23	6	0.29
(6,2141)	1:43:A:MET:HA	1:134:A:VAL:HG11	7	0.29
(6,2141)	1:43:A:MET:HA	1:134:A:VAL:HG12	7	0.29
(6,2141)	1:43:A:MET:HA	1:134:A:VAL:HG13	7	0.29
(6,2141)	1:43:A:MET:HA	1:134:A:VAL:HG21	7	0.29
(6,2141)	1:43:A:MET:HA	1:134:A:VAL:HG22	7	0.29
(6,2141)	1:43:A:MET:HA	1:134:A:VAL:HG23	7	0.29
(6,2116)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	9	0.29
(6,2116)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	9	0.29
(6,2116)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	9	0.29
(6,2116)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	9	0.29
(6,2116)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	9	0.29
(6,2116)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	9	0.29
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD11	16	0.29
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD12	16	0.29
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD13	16	0.29
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD21	16	0.29
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD22	16	0.29
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD23	16	0.29
(6,1929)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	16	0.29
(6,1929)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	16	0.29
(6,1929)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	16	0.29
(6,1925)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	3	0.29
(6,1925)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	7	0.29
(6,1923)	1:58:A:ILE:HA	1:62:A:HIS:HE1	19	0.29
(6,1912)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	7	0.29
(6,1912)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	7	0.29
(6,1912)	1:113:A:PHE:HE1	1:114:A:ILE:HG12	7	0.29
(6,1912)	1:113:A:PHE:HE2	1:114:A:ILE:HG12	7	0.29
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	3	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	3	0.29
(6,1905)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	3	0.29
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	3	0.29
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	3	0.29
(6,1905)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	3	0.29
(6,1860)	1:9:A:PHE:HZ	1:11:A:ILE:HA	12	0.29
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB1	13	0.29
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB2	13	0.29
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB3	13	0.29
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB1	13	0.29
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB2	13	0.29
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB3	13	0.29
(6,1829)	1:9:A:PHE:HZ	1:54:A:ARG:HA	6	0.29
(6,1809)	1:104:A:PHE:HE1	1:105:A:LYS:HA	4	0.29
(6,1809)	1:104:A:PHE:HE2	1:105:A:LYS:HA	4	0.29
(6,1606)	1:73:A:ILE:HG21	1:76:A:ARG:H	18	0.29
(6,1606)	1:73:A:ILE:HG22	1:76:A:ARG:H	18	0.29
(6,1606)	1:73:A:ILE:HG23	1:76:A:ARG:H	18	0.29
(6,1595)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	1	0.29
(6,1595)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	1	0.29
(6,1595)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	1	0.29
(6,1595)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	1	0.29
(6,1595)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	1	0.29
(6,1595)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	1	0.29
(6,1585)	1:98:A:ILE:HG21	1:116:A:GLN:H	10	0.29
(6,1585)	1:98:A:ILE:HG22	1:116:A:GLN:H	10	0.29
(6,1585)	1:98:A:ILE:HG23	1:116:A:GLN:H	10	0.29
(6,1578)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	8	0.29
(6,1578)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	8	0.29
(6,1578)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	8	0.29
(6,1520)	1:69:A:MET:HE1	1:110:A:MET:HA	10	0.29
(6,1520)	1:69:A:MET:HE2	1:110:A:MET:HA	10	0.29
(6,1520)	1:69:A:MET:HE3	1:110:A:MET:HA	10	0.29
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD11	2	0.29
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD12	2	0.29
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD13	2	0.29
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD11	10	0.29
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD12	10	0.29
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD13	10	0.29
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD11	14	0.29
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD12	14	0.29
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD13	14	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD11	16	0.29
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD12	16	0.29
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD13	16	0.29
(6,1348)	1:73:A:ILE:HB	1:76:A:ARG:HA	13	0.29
(6,1277)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	6	0.29
(6,1277)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	6	0.29
(6,1277)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	6	0.29
(6,1277)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	6	0.29
(6,1277)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	6	0.29
(6,1277)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	6	0.29
(6,1277)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	6	0.29
(6,1277)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	6	0.29
(6,1277)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	6	0.29
(6,1259)	1:113:A:PHE:HE1	1:117:A:VAL:HG11	7	0.29
(6,1259)	1:113:A:PHE:HE1	1:117:A:VAL:HG12	7	0.29
(6,1259)	1:113:A:PHE:HE1	1:117:A:VAL:HG13	7	0.29
(6,1259)	1:113:A:PHE:HE2	1:117:A:VAL:HG11	7	0.29
(6,1259)	1:113:A:PHE:HE2	1:117:A:VAL:HG12	7	0.29
(6,1259)	1:113:A:PHE:HE2	1:117:A:VAL:HG13	7	0.29
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG11	1	0.29
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG12	1	0.29
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG13	1	0.29
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG11	5	0.29
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG12	5	0.29
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG13	5	0.29
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG11	7	0.29
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG12	7	0.29
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG13	7	0.29
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG11	11	0.29
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG12	11	0.29
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG13	11	0.29
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG11	16	0.29
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG12	16	0.29
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG13	16	0.29
(6,1256)	1:15:A:ALA:HA	1:131:A:LEU:HB2	4	0.29
(6,1196)	1:140:A:LEU:HA	1:140:A:LEU:HD21	10	0.29
(6,1196)	1:140:A:LEU:HA	1:140:A:LEU:HD22	10	0.29
(6,1196)	1:140:A:LEU:HA	1:140:A:LEU:HD23	10	0.29
(6,1190)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	17	0.29
(6,1190)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	17	0.29
(6,1190)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	17	0.29
(6,1190)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	17	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1190)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	17	0.29
(6,1190)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	17	0.29
(6,1190)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	19	0.29
(6,1190)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	19	0.29
(6,1190)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	19	0.29
(6,1190)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	19	0.29
(6,1190)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	19	0.29
(6,1190)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	19	0.29
(6,1150)	1:150:A:THR:HG21	1:151:A:PHE:HA	14	0.29
(6,1150)	1:150:A:THR:HG22	1:151:A:PHE:HA	14	0.29
(6,1150)	1:150:A:THR:HG23	1:151:A:PHE:HA	14	0.29
(6,1052)	1:140:A:LEU:H	1:140:A:LEU:HG	7	0.29
(6,1034)	1:110:A:MET:HE1	1:114:A:ILE:HG12	13	0.29
(6,1034)	1:110:A:MET:HE2	1:114:A:ILE:HG12	13	0.29
(6,1034)	1:110:A:MET:HE3	1:114:A:ILE:HG12	13	0.29
(6,1029)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	1	0.29
(6,1029)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	1	0.29
(6,1029)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	1	0.29
(6,1029)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	1	0.29
(6,1029)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	1	0.29
(6,1029)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	1	0.29
(6,1029)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	9	0.29
(6,1029)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	9	0.29
(6,1029)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	9	0.29
(6,1029)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	9	0.29
(6,1029)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	9	0.29
(6,1029)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	9	0.29
(6,946)	1:66:A:THR:H	1:96:A:VAL:HB	4	0.29
(6,868)	1:123:A:CYS:HB3	1:128:A:LEU:HD11	4	0.29
(6,868)	1:123:A:CYS:HB3	1:128:A:LEU:HD12	4	0.29
(6,868)	1:123:A:CYS:HB3	1:128:A:LEU:HD13	4	0.29
(6,854)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	8	0.29
(6,854)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	8	0.29
(6,828)	1:48:A:ARG:HD2	1:49:A:LYS:HA	16	0.29
(6,828)	1:48:A:ARG:HD3	1:49:A:LYS:HA	16	0.29
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	2	0.29
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	2	0.29
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	2	0.29
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	2	0.29
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	2	0.29
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	2	0.29
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	2	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	2	0.29
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	2	0.29
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	13	0.29
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	13	0.29
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	13	0.29
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	13	0.29
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	13	0.29
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	13	0.29
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	13	0.29
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	13	0.29
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	13	0.29
(6,752)	1:37:A:LEU:H	1:40:A:LEU:HB2	17	0.29
(6,691)	1:98:A:ILE:H	1:100:A:ALA:H	6	0.29
(6,662)	1:63:A:ILE:HD11	1:116:A:GLN:H	14	0.29
(6,662)	1:63:A:ILE:HD12	1:116:A:GLN:H	14	0.29
(6,662)	1:63:A:ILE:HD13	1:116:A:GLN:H	14	0.29
(6,635)	1:66:A:THR:H	1:70:A:LYS:H	14	0.29
(6,583)	1:75:A:GLY:H	1:76:A:ARG:HG2	1	0.29
(6,583)	1:75:A:GLY:H	1:76:A:ARG:HG3	1	0.29
(6,468)	1:48:A:ARG:HA	1:53:A:THR:H	18	0.29
(6,461)	1:14:A:VAL:H	1:14:A:VAL:HB	3	0.29
(6,461)	1:14:A:VAL:H	1:14:A:VAL:HB	4	0.29
(6,461)	1:14:A:VAL:H	1:14:A:VAL:HB	8	0.29
(6,461)	1:14:A:VAL:H	1:14:A:VAL:HB	9	0.29
(6,461)	1:14:A:VAL:H	1:14:A:VAL:HB	19	0.29
(6,455)	1:18:A:PHE:H	1:113:A:PHE:HE1	7	0.29
(6,455)	1:18:A:PHE:H	1:113:A:PHE:HE2	7	0.29
(6,385)	1:106:A:ASP:H	1:112:A:GLN:HE21	7	0.29
(6,364)	1:70:A:LYS:H	1:73:A:ILE:HD11	17	0.29
(6,364)	1:70:A:LYS:H	1:73:A:ILE:HD12	17	0.29
(6,364)	1:70:A:LYS:H	1:73:A:ILE:HD13	17	0.29
(6,280)	1:50:A:ALA:H	1:52:A:CYS:H	4	0.29
(6,130)	1:13:A:ALA:HB1	1:80:A:TYR:H	17	0.29
(6,130)	1:13:A:ALA:HB2	1:80:A:TYR:H	17	0.29
(6,130)	1:13:A:ALA:HB3	1:80:A:TYR:H	17	0.29
(6,125)	1:46:A:ASN:HB3	1:49:A:LYS:H	13	0.29
(6,74)	1:22:A:ASP:HA	1:23:A:LEU:H	5	0.29
(6,43)	1:44:A:GLU:HG3	1:47:A:ALA:H	8	0.29
(5,2479)	1:146:A:GLN:HG2	1:148:A:CYS:H	4	0.29
(5,2479)	1:146:A:GLN:HG3	1:148:A:CYS:H	4	0.29
(5,2451)	1:141:A:LYS:H	1:148:A:CYS:HB2	4	0.29
(5,2451)	1:141:A:LYS:H	1:148:A:CYS:HB3	4	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2451)	1:141:A:LYS:H	1:148:A:CYS:HB2	12	0.29
(5,2451)	1:141:A:LYS:H	1:148:A:CYS:HB3	12	0.29
(5,2312)	1:103:A:ARG:HE	1:107:A:LEU:HD11	12	0.29
(5,2312)	1:103:A:ARG:HE	1:107:A:LEU:HD12	12	0.29
(5,2312)	1:103:A:ARG:HE	1:107:A:LEU:HD13	12	0.29
(5,2312)	1:103:A:ARG:HE	1:107:A:LEU:HD21	12	0.29
(5,2312)	1:103:A:ARG:HE	1:107:A:LEU:HD22	12	0.29
(5,2312)	1:103:A:ARG:HE	1:107:A:LEU:HD23	12	0.29
(5,2278)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	6	0.29
(5,2278)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	6	0.29
(5,2251)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	2	0.29
(5,2251)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	2	0.29
(5,2251)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	2	0.29
(5,2251)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	2	0.29
(5,2233)	1:67:A:PRO:HD2	1:96:A:VAL:HG11	6	0.29
(5,2233)	1:67:A:PRO:HD2	1:96:A:VAL:HG12	6	0.29
(5,2233)	1:67:A:PRO:HD2	1:96:A:VAL:HG13	6	0.29
(5,2233)	1:67:A:PRO:HD2	1:96:A:VAL:HG21	6	0.29
(5,2233)	1:67:A:PRO:HD2	1:96:A:VAL:HG22	6	0.29
(5,2233)	1:67:A:PRO:HD2	1:96:A:VAL:HG23	6	0.29
(5,2214)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	3	0.29
(5,2214)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	3	0.29
(5,2214)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	3	0.29
(5,2214)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	3	0.29
(5,2214)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	3	0.29
(5,2214)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	3	0.29
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	12	0.29
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	12	0.29
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	12	0.29
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	12	0.29
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	12	0.29
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	12	0.29
(5,2212)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	7	0.29
(5,2212)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	7	0.29
(5,2212)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	7	0.29
(5,2212)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	7	0.29
(5,2212)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	7	0.29
(5,2212)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	7	0.29
(5,2212)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	7	0.29
(5,2212)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	7	0.29
(5,2212)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	7	0.29
(5,2212)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	7	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2212)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	7	0.29
(5,2212)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	7	0.29
(5,2212)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	7	0.29
(5,2212)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	7	0.29
(5,2212)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	7	0.29
(5,2212)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	7	0.29
(5,2212)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	7	0.29
(5,2212)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	7	0.29
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD11	7	0.29
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD12	7	0.29
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD13	7	0.29
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD21	7	0.29
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD22	7	0.29
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD23	7	0.29
(5,2135)	1:43:A:MET:H	1:43:A:MET:HG2	1	0.29
(5,2135)	1:43:A:MET:H	1:43:A:MET:HG3	1	0.29
(5,2066)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	19	0.29
(5,2066)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	19	0.29
(5,2066)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	19	0.29
(5,2066)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	19	0.29
(5,2066)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	19	0.29
(5,2066)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	19	0.29
(5,1907)	1:104:A:PHE:HE1	1:105:A:LYS:H	18	0.29
(5,1907)	1:104:A:PHE:HE2	1:105:A:LYS:H	18	0.29
(5,1893)	1:9:A:PHE:HE1	1:14:A:VAL:HB	11	0.29
(5,1893)	1:9:A:PHE:HE2	1:14:A:VAL:HB	11	0.29
(5,1882)	1:9:A:PHE:HZ	1:11:A:ILE:HA	14	0.29
(5,1831)	1:104:A:PHE:HE1	1:105:A:LYS:HA	4	0.29
(5,1831)	1:104:A:PHE:HE2	1:105:A:LYS:HA	4	0.29
(5,1792)	1:97:A:ASP:HA	1:105:A:LYS:HA	16	0.29
(5,1788)	1:39:A:VAL:HG21	1:144:A:LEU:H	13	0.29
(5,1788)	1:39:A:VAL:HG22	1:144:A:LEU:H	13	0.29
(5,1788)	1:39:A:VAL:HG23	1:144:A:LEU:H	13	0.29
(5,1708)	1:72:A:PHE:HB2	1:109:A:PRO:HA	4	0.29
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	11	0.29
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	11	0.29
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	11	0.29
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	11	0.29
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	15	0.29
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	15	0.29
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	15	0.29
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	15	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1678)	1:69:A:MET:H	1:69:A:MET:HE1	1	0.29
(5,1678)	1:69:A:MET:H	1:69:A:MET:HE2	1	0.29
(5,1678)	1:69:A:MET:H	1:69:A:MET:HE3	1	0.29
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD11	2	0.29
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD12	2	0.29
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD13	2	0.29
(5,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	18	0.29
(5,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	18	0.29
(5,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	18	0.29
(5,1611)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	16	0.29
(5,1611)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	16	0.29
(5,1611)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	16	0.29
(5,1534)	1:69:A:MET:HE1	1:116:A:GLN:HE22	18	0.29
(5,1534)	1:69:A:MET:HE2	1:116:A:GLN:HE22	18	0.29
(5,1534)	1:69:A:MET:HE3	1:116:A:GLN:HE22	18	0.29
(5,1433)	1:73:A:ILE:HG21	1:110:A:MET:H	4	0.29
(5,1433)	1:73:A:ILE:HG22	1:110:A:MET:H	4	0.29
(5,1433)	1:73:A:ILE:HG23	1:110:A:MET:H	4	0.29
(5,1296)	1:14:A:VAL:HG21	1:60:A:LEU:H	7	0.29
(5,1296)	1:14:A:VAL:HG22	1:60:A:LEU:H	7	0.29
(5,1296)	1:14:A:VAL:HG23	1:60:A:LEU:H	7	0.29
(5,1229)	1:131:A:LEU:HA	1:134:A:VAL:HG21	11	0.29
(5,1229)	1:131:A:LEU:HA	1:134:A:VAL:HG22	11	0.29
(5,1229)	1:131:A:LEU:HA	1:134:A:VAL:HG23	11	0.29
(5,1182)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	6	0.29
(5,1182)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	6	0.29
(5,1182)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	6	0.29
(5,1182)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	6	0.29
(5,1182)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	6	0.29
(5,1182)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	6	0.29
(5,1178)	1:140:A:LEU:HD21	1:144:A:LEU:H	19	0.29
(5,1178)	1:140:A:LEU:HD22	1:144:A:LEU:H	19	0.29
(5,1178)	1:140:A:LEU:HD23	1:144:A:LEU:H	19	0.29
(5,1109)	1:41:A:LYS:HG3	1:42:A:GLU:HA	18	0.29
(5,1058)	1:110:A:MET:HE1	1:114:A:ILE:HG12	13	0.29
(5,1058)	1:110:A:MET:HE2	1:114:A:ILE:HG12	13	0.29
(5,1058)	1:110:A:MET:HE3	1:114:A:ILE:HG12	13	0.29
(5,1039)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	3	0.29
(5,1000)	1:95:A:ILE:HG21	1:105:A:LYS:HB2	14	0.29
(5,1000)	1:95:A:ILE:HG21	1:105:A:LYS:HB3	14	0.29
(5,1000)	1:95:A:ILE:HG22	1:105:A:LYS:HB2	14	0.29
(5,1000)	1:95:A:ILE:HG22	1:105:A:LYS:HB3	14	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1000)	1:95:A:ILE:HG23	1:105:A:LYS:HB2	14	0.29
(5,1000)	1:95:A:ILE:HG23	1:105:A:LYS:HB3	14	0.29
(5,909)	1:19:A:ALA:HB1	1:20:A:THR:HB	3	0.29
(5,909)	1:19:A:ALA:HB2	1:20:A:THR:HB	3	0.29
(5,909)	1:19:A:ALA:HB3	1:20:A:THR:HB	3	0.29
(5,909)	1:19:A:ALA:HB1	1:20:A:THR:HB	5	0.29
(5,909)	1:19:A:ALA:HB2	1:20:A:THR:HB	5	0.29
(5,909)	1:19:A:ALA:HB3	1:20:A:THR:HB	5	0.29
(5,811)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	9	0.29
(5,811)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	9	0.29
(5,811)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	9	0.29
(5,811)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	9	0.29
(5,811)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	9	0.29
(5,811)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	9	0.29
(5,811)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	9	0.29
(5,811)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	9	0.29
(5,811)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	9	0.29
(5,807)	1:95:A:ILE:HA	1:95:A:ILE:HD11	6	0.29
(5,807)	1:95:A:ILE:HA	1:95:A:ILE:HD12	6	0.29
(5,807)	1:95:A:ILE:HA	1:95:A:ILE:HD13	6	0.29
(5,747)	1:147:A:ARG:HA	1:147:A:ARG:HE	2	0.29
(5,697)	1:98:A:ILE:H	1:100:A:ALA:H	6	0.29
(5,640)	1:66:A:THR:H	1:68:A:LYS:H	14	0.29
(5,611)	1:14:A:VAL:HB	1:16:A:SER:H	9	0.29
(5,586)	1:75:A:GLY:H	1:76:A:ARG:HG2	1	0.29
(5,586)	1:75:A:GLY:H	1:76:A:ARG:HG3	1	0.29
(5,569)	1:11:A:ILE:HD11	1:16:A:SER:H	2	0.29
(5,569)	1:11:A:ILE:HD12	1:16:A:SER:H	2	0.29
(5,569)	1:11:A:ILE:HD13	1:16:A:SER:H	2	0.29
(5,511)	1:67:A:PRO:HA	1:71:A:LYS:H	11	0.29
(5,463)	1:48:A:ARG:HA	1:53:A:THR:H	18	0.29
(5,456)	1:14:A:VAL:H	1:14:A:VAL:HB	3	0.29
(5,456)	1:14:A:VAL:H	1:14:A:VAL:HB	4	0.29
(5,456)	1:14:A:VAL:H	1:14:A:VAL:HB	8	0.29
(5,456)	1:14:A:VAL:H	1:14:A:VAL:HB	9	0.29
(5,456)	1:14:A:VAL:H	1:14:A:VAL:HB	19	0.29
(5,387)	1:105:A:LYS:HD2	1:106:A:ASP:H	15	0.29
(5,387)	1:105:A:LYS:HD3	1:106:A:ASP:H	15	0.29
(5,360)	1:70:A:LYS:H	1:73:A:ILE:HD11	17	0.29
(5,360)	1:70:A:LYS:H	1:73:A:ILE:HD12	17	0.29
(5,360)	1:70:A:LYS:H	1:73:A:ILE:HD13	17	0.29
(5,280)	1:50:A:ALA:H	1:52:A:CYS:H	4	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,266)	1:112:A:GLN:H	1:112:A:GLN:HE21	5	0.29
(5,217)	1:9:A:PHE:HE1	1:10:A:ASN:H	16	0.29
(5,217)	1:9:A:PHE:HE2	1:10:A:ASN:H	16	0.29
(5,127)	1:13:A:ALA:HB1	1:80:A:TYR:H	17	0.29
(5,127)	1:13:A:ALA:HB2	1:80:A:TYR:H	17	0.29
(5,127)	1:13:A:ALA:HB3	1:80:A:TYR:H	17	0.29
(5,110)	1:80:A:TYR:H	1:81:A:GLU:HG2	8	0.29
(5,110)	1:80:A:TYR:H	1:81:A:GLU:HG3	8	0.29
(5,110)	1:80:A:TYR:H	1:81:A:GLU:HG2	15	0.29
(5,110)	1:80:A:TYR:H	1:81:A:GLU:HG3	15	0.29
(4,2430)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	8	0.29
(4,2430)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	8	0.29
(4,2430)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	8	0.29
(4,2430)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	8	0.29
(4,2430)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	8	0.29
(4,2430)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	8	0.29
(4,2430)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	8	0.29
(4,2430)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	8	0.29
(4,2430)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	8	0.29
(4,2430)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	8	0.29
(4,2430)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	8	0.29
(4,2430)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	8	0.29
(4,2331)	1:107:A:LEU:HD11	1:112:A:GLN:H	3	0.29
(4,2331)	1:107:A:LEU:HD12	1:112:A:GLN:H	3	0.29
(4,2331)	1:107:A:LEU:HD13	1:112:A:GLN:H	3	0.29
(4,2331)	1:107:A:LEU:HD21	1:112:A:GLN:H	3	0.29
(4,2331)	1:107:A:LEU:HD22	1:112:A:GLN:H	3	0.29
(4,2331)	1:107:A:LEU:HD23	1:112:A:GLN:H	3	0.29
(4,2328)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	16	0.29
(4,2328)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	16	0.29
(4,2328)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	16	0.29
(4,2328)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	16	0.29
(4,2328)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	16	0.29
(4,2328)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	16	0.29
(4,2328)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	16	0.29
(4,2328)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	16	0.29
(4,2328)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	16	0.29
(4,2328)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	16	0.29
(4,2328)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	16	0.29
(4,2328)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	16	0.29
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	10	0.29
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	10	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	10	0.29
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	10	0.29
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	10	0.29
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	10	0.29
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	10	0.29
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	10	0.29
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	10	0.29
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	10	0.29
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	10	0.29
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	10	0.29
(4,2309)	1:103:A:ARG:HE	1:107:A:LEU:HD11	12	0.29
(4,2309)	1:103:A:ARG:HE	1:107:A:LEU:HD12	12	0.29
(4,2309)	1:103:A:ARG:HE	1:107:A:LEU:HD13	12	0.29
(4,2309)	1:103:A:ARG:HE	1:107:A:LEU:HD21	12	0.29
(4,2309)	1:103:A:ARG:HE	1:107:A:LEU:HD22	12	0.29
(4,2309)	1:103:A:ARG:HE	1:107:A:LEU:HD23	12	0.29
(4,2287)	1:97:A:ASP:HA	1:105:A:LYS:HG2	16	0.29
(4,2287)	1:97:A:ASP:HA	1:105:A:LYS:HG3	16	0.29
(4,2244)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	2	0.29
(4,2244)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	2	0.29
(4,2244)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	2	0.29
(4,2244)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	2	0.29
(4,2242)	1:70:A:LYS:H	1:70:A:LYS:HD2	6	0.29
(4,2242)	1:70:A:LYS:H	1:70:A:LYS:HD3	6	0.29
(4,2222)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	4	0.29
(4,2222)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	4	0.29
(4,2222)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	4	0.29
(4,2222)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	4	0.29
(4,2222)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	10	0.29
(4,2222)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	10	0.29
(4,2222)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	10	0.29
(4,2222)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	10	0.29
(4,2210)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	7	0.29
(4,2210)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	7	0.29
(4,2210)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	7	0.29
(4,2210)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	7	0.29
(4,2210)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	7	0.29
(4,2210)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	7	0.29
(4,2210)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	7	0.29
(4,2210)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	7	0.29
(4,2210)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	7	0.29
(4,2210)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	7	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2210)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	7	0.29
(4,2210)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	7	0.29
(4,2210)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	7	0.29
(4,2210)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	7	0.29
(4,2210)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	7	0.29
(4,2210)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	7	0.29
(4,2210)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	7	0.29
(4,2210)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	7	0.29
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD11	18	0.29
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD12	18	0.29
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD13	18	0.29
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD21	18	0.29
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD22	18	0.29
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD23	18	0.29
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD11	14	0.29
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD12	14	0.29
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD13	14	0.29
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD21	14	0.29
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD22	14	0.29
(4,2152)	1:46:A:ASN:H	1:131:A:LEU:HD23	14	0.29
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD11	1	0.29
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD12	1	0.29
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD13	1	0.29
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD21	1	0.29
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD22	1	0.29
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD23	1	0.29
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	1	0.29
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	1	0.29
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	1	0.29
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	1	0.29
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	1	0.29
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	1	0.29
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD11	19	0.29
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD12	19	0.29
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD13	19	0.29
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD21	19	0.29
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD22	19	0.29
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD23	19	0.29
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD11	4	0.29
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD12	4	0.29
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD13	4	0.29
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD21	4	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD22	4	0.29
(4,1969)	1:14:A:VAL:H	1:57:A:LEU:HD23	4	0.29
(4,1891)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	3	0.29
(4,1891)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	3	0.29
(4,1891)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	7	0.29
(4,1891)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	7	0.29
(4,1887)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	19	0.29
(4,1887)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	19	0.29
(4,1887)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	19	0.29
(4,1887)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	19	0.29
(4,1887)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	19	0.29
(4,1887)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	19	0.29
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	3	0.29
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	3	0.29
(4,1870)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	3	0.29
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	3	0.29
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	3	0.29
(4,1870)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	3	0.29
(4,1866)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	12	0.29
(4,1866)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	12	0.29
(4,1866)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	12	0.29
(4,1860)	1:104:A:PHE:HE1	1:115:A:ALA:H	14	0.29
(4,1860)	1:104:A:PHE:HE2	1:115:A:ALA:H	14	0.29
(4,1831)	1:9:A:PHE:HZ	1:11:A:ILE:HA	12	0.29
(4,1798)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	19	0.29
(4,1798)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	19	0.29
(4,1788)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	8	0.29
(4,1788)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	8	0.29
(4,1788)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	8	0.29
(4,1788)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	8	0.29
(4,1788)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	8	0.29
(4,1788)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	8	0.29
(4,1747)	1:97:A:ASP:HA	1:105:A:LYS:HA	16	0.29
(4,1643)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	16	0.29
(4,1643)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	16	0.29
(4,1643)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	16	0.29
(4,1643)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	16	0.29
(4,1637)	1:69:A:MET:H	1:69:A:MET:HE1	1	0.29
(4,1637)	1:69:A:MET:H	1:69:A:MET:HE2	1	0.29
(4,1637)	1:69:A:MET:H	1:69:A:MET:HE3	1	0.29
(4,1566)	1:98:A:ILE:HG21	1:116:A:GLN:H	10	0.29
(4,1566)	1:98:A:ILE:HG22	1:116:A:GLN:H	10	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1566)	1:98:A:ILE:HG23	1:116:A:GLN:H	10	0.29
(4,1562)	1:101:A:ILE:HD11	1:112:A:GLN:HA	1	0.29
(4,1562)	1:101:A:ILE:HD12	1:112:A:GLN:HA	1	0.29
(4,1562)	1:101:A:ILE:HD13	1:112:A:GLN:HA	1	0.29
(4,1560)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	8	0.29
(4,1560)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	8	0.29
(4,1560)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	8	0.29
(4,1460)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	8	0.29
(4,1460)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	8	0.29
(4,1460)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	8	0.29
(4,1460)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	8	0.29
(4,1460)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	8	0.29
(4,1460)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	8	0.29
(4,1460)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	14	0.29
(4,1460)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	14	0.29
(4,1460)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	14	0.29
(4,1460)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	14	0.29
(4,1460)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	14	0.29
(4,1460)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	14	0.29
(4,1436)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	5	0.29
(4,1436)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	5	0.29
(4,1436)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	5	0.29
(4,1295)	1:66:A:THR:HG21	1:98:A:ILE:HD11	19	0.29
(4,1295)	1:66:A:THR:HG21	1:98:A:ILE:HD12	19	0.29
(4,1295)	1:66:A:THR:HG21	1:98:A:ILE:HD13	19	0.29
(4,1295)	1:66:A:THR:HG22	1:98:A:ILE:HD11	19	0.29
(4,1295)	1:66:A:THR:HG22	1:98:A:ILE:HD12	19	0.29
(4,1295)	1:66:A:THR:HG22	1:98:A:ILE:HD13	19	0.29
(4,1295)	1:66:A:THR:HG23	1:98:A:ILE:HD11	19	0.29
(4,1295)	1:66:A:THR:HG23	1:98:A:ILE:HD12	19	0.29
(4,1295)	1:66:A:THR:HG23	1:98:A:ILE:HD13	19	0.29
(4,1271)	1:128:A:LEU:H	1:128:A:LEU:HD21	3	0.29
(4,1271)	1:128:A:LEU:H	1:128:A:LEU:HD22	3	0.29
(4,1271)	1:128:A:LEU:H	1:128:A:LEU:HD23	3	0.29
(4,1224)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	14	0.29
(4,1224)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	14	0.29
(4,1224)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	14	0.29
(4,1224)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	14	0.29
(4,1224)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	14	0.29
(4,1224)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	14	0.29
(4,1224)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	14	0.29
(4,1224)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	14	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1224)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	14	0.29
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD11	15	0.29
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD12	15	0.29
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD13	15	0.29
(4,1195)	1:11:A:ILE:HD11	1:131:A:LEU:HA	12	0.29
(4,1195)	1:11:A:ILE:HD12	1:131:A:LEU:HA	12	0.29
(4,1195)	1:11:A:ILE:HD13	1:131:A:LEU:HA	12	0.29
(4,1190)	1:69:A:MET:HE1	1:110:A:MET:HA	1	0.29
(4,1190)	1:69:A:MET:HE2	1:110:A:MET:HA	1	0.29
(4,1190)	1:69:A:MET:HE3	1:110:A:MET:HA	1	0.29
(4,951)	1:70:A:LYS:HB2	1:74:A:PRO:HA	6	0.29
(4,951)	1:70:A:LYS:HB3	1:74:A:PRO:HA	6	0.29
(4,924)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	16	0.29
(4,924)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	16	0.29
(4,924)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	16	0.29
(4,924)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	16	0.29
(4,914)	1:125:A:THR:HB	1:129:A:LYS:HB2	1	0.29
(4,914)	1:125:A:THR:HB	1:129:A:LYS:HB3	1	0.29
(4,689)	1:98:A:ILE:H	1:100:A:ALA:H	6	0.29
(4,546)	1:124:A:THR:H	1:128:A:LEU:HD21	3	0.29
(4,546)	1:124:A:THR:H	1:128:A:LEU:HD22	3	0.29
(4,546)	1:124:A:THR:H	1:128:A:LEU:HD23	3	0.29
(4,463)	1:48:A:ARG:HA	1:53:A:THR:H	18	0.29
(4,451)	1:18:A:PHE:H	1:113:A:PHE:HE1	7	0.29
(4,451)	1:18:A:PHE:H	1:113:A:PHE:HE2	7	0.29
(4,401)	1:125:A:THR:H	1:128:A:LEU:HG	3	0.29
(4,377)	1:106:A:ASP:H	1:112:A:GLN:HE21	7	0.29
(4,356)	1:70:A:LYS:H	1:73:A:ILE:HD11	17	0.29
(4,356)	1:70:A:LYS:H	1:73:A:ILE:HD12	17	0.29
(4,356)	1:70:A:LYS:H	1:73:A:ILE:HD13	17	0.29
(4,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	7	0.29
(4,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	7	0.29
(4,260)	1:39:A:VAL:H	1:40:A:LEU:HB2	4	0.29
(4,118)	1:79:A:THR:H	1:80:A:TYR:H	2	0.29
(4,118)	1:79:A:THR:H	1:80:A:TYR:H	11	0.29
(4,115)	1:22:A:ASP:H	1:23:A:LEU:HB2	11	0.29
(4,115)	1:22:A:ASP:H	1:23:A:LEU:HB3	11	0.29
(4,76)	1:22:A:ASP:HA	1:23:A:LEU:H	5	0.29
(4,43)	1:98:A:ILE:H	1:104:A:PHE:HB2	11	0.29
(4,19)	1:94:A:ALA:H	1:95:A:ILE:HD11	19	0.29
(4,19)	1:94:A:ALA:H	1:95:A:ILE:HD12	19	0.29
(4,19)	1:94:A:ALA:H	1:95:A:ILE:HD13	19	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD11	17	0.29
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD12	17	0.29
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD13	17	0.29
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD21	17	0.29
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD22	17	0.29
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD23	17	0.29
(3,2344)	1:103:A:ARG:HE	1:107:A:LEU:HD11	12	0.29
(3,2344)	1:103:A:ARG:HE	1:107:A:LEU:HD12	12	0.29
(3,2344)	1:103:A:ARG:HE	1:107:A:LEU:HD13	12	0.29
(3,2344)	1:103:A:ARG:HE	1:107:A:LEU:HD21	12	0.29
(3,2344)	1:103:A:ARG:HE	1:107:A:LEU:HD22	12	0.29
(3,2344)	1:103:A:ARG:HE	1:107:A:LEU:HD23	12	0.29
(3,2324)	1:97:A:ASP:HA	1:105:A:LYS:HG2	16	0.29
(3,2324)	1:97:A:ASP:HA	1:105:A:LYS:HG3	16	0.29
(3,2306)	1:79:A:THR:HG21	1:81:A:GLU:HB2	12	0.29
(3,2306)	1:79:A:THR:HG21	1:81:A:GLU:HB3	12	0.29
(3,2306)	1:79:A:THR:HG22	1:81:A:GLU:HB2	12	0.29
(3,2306)	1:79:A:THR:HG22	1:81:A:GLU:HB3	12	0.29
(3,2306)	1:79:A:THR:HG23	1:81:A:GLU:HB2	12	0.29
(3,2306)	1:79:A:THR:HG23	1:81:A:GLU:HB3	12	0.29
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD11	7	0.29
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD12	7	0.29
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD13	7	0.29
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD11	7	0.29
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD12	7	0.29
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD13	7	0.29
(3,2201)	1:53:A:THR:H	1:57:A:LEU:HD11	11	0.29
(3,2201)	1:53:A:THR:H	1:57:A:LEU:HD12	11	0.29
(3,2201)	1:53:A:THR:H	1:57:A:LEU:HD13	11	0.29
(3,2201)	1:53:A:THR:H	1:57:A:LEU:HD21	11	0.29
(3,2201)	1:53:A:THR:H	1:57:A:LEU:HD22	11	0.29
(3,2201)	1:53:A:THR:H	1:57:A:LEU:HD23	11	0.29
(3,2143)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	2	0.29
(3,2143)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	2	0.29
(3,2143)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	2	0.29
(3,2143)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	2	0.29
(3,2143)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	2	0.29
(3,2143)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	2	0.29
(3,2142)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	9	0.29
(3,2142)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	9	0.29
(3,2142)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	9	0.29
(3,2142)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	9	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2142)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	9	0.29
(3,2142)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	9	0.29
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD11	12	0.29
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD12	12	0.29
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD13	12	0.29
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD21	12	0.29
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD22	12	0.29
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD23	12	0.29
(3,2108)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	19	0.29
(3,2108)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	19	0.29
(3,2108)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	19	0.29
(3,2108)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	19	0.29
(3,2108)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	19	0.29
(3,2108)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	19	0.29
(3,2045)	1:17:A:ASN:HD21	1:79:A:THR:H	18	0.29
(3,2045)	1:17:A:ASN:HD22	1:79:A:THR:H	18	0.29
(3,2021)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	12	0.29
(3,2021)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	12	0.29
(3,2021)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	12	0.29
(3,2021)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	12	0.29
(3,2021)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	12	0.29
(3,2021)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	12	0.29
(3,1982)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	18	0.29
(3,1982)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	18	0.29
(3,1982)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	18	0.29
(3,1982)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	18	0.29
(3,1982)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	18	0.29
(3,1982)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	18	0.29
(3,1976)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	7	0.29
(3,1976)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	7	0.29
(3,1976)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	7	0.29
(3,1976)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	7	0.29
(3,1942)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	3	0.29
(3,1942)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	3	0.29
(3,1942)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	7	0.29
(3,1942)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	7	0.29
(3,1928)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	2	0.29
(3,1928)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	2	0.29
(3,1883)	1:9:A:PHE:HZ	1:11:A:ILE:HA	14	0.29
(3,1853)	1:9:A:PHE:HZ	1:54:A:ARG:HA	6	0.29
(3,1833)	1:104:A:PHE:HE1	1:105:A:LYS:HA	4	0.29
(3,1833)	1:104:A:PHE:HE2	1:105:A:LYS:HA	4	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1795)	1:39:A:VAL:HG21	1:144:A:LEU:H	13	0.29
(3,1795)	1:39:A:VAL:HG22	1:144:A:LEU:H	13	0.29
(3,1795)	1:39:A:VAL:HG23	1:144:A:LEU:H	13	0.29
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD21	10	0.29
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD22	10	0.29
(3,1763)	1:39:A:VAL:HB	1:144:A:LEU:HD23	10	0.29
(3,1715)	1:72:A:PHE:HB2	1:109:A:PRO:HA	4	0.29
(3,1657)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	4	0.29
(3,1639)	1:73:A:ILE:HG21	1:76:A:ARG:H	18	0.29
(3,1639)	1:73:A:ILE:HG22	1:76:A:ARG:H	18	0.29
(3,1639)	1:73:A:ILE:HG23	1:76:A:ARG:H	18	0.29
(3,1627)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	1	0.29
(3,1627)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	1	0.29
(3,1627)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	1	0.29
(3,1627)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	1	0.29
(3,1627)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	1	0.29
(3,1627)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	1	0.29
(3,1618)	1:98:A:ILE:HG21	1:116:A:GLN:H	10	0.29
(3,1618)	1:98:A:ILE:HG22	1:116:A:GLN:H	10	0.29
(3,1618)	1:98:A:ILE:HG23	1:116:A:GLN:H	10	0.29
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE1	9	0.29
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE2	9	0.29
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE3	9	0.29
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE1	9	0.29
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE2	9	0.29
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE3	9	0.29
(3,1549)	1:69:A:MET:HE1	1:110:A:MET:HA	10	0.29
(3,1549)	1:69:A:MET:HE2	1:110:A:MET:HA	10	0.29
(3,1549)	1:69:A:MET:HE3	1:110:A:MET:HA	10	0.29
(3,1540)	1:69:A:MET:HE1	1:114:A:ILE:H	5	0.29
(3,1540)	1:69:A:MET:HE2	1:114:A:ILE:H	5	0.29
(3,1540)	1:69:A:MET:HE3	1:114:A:ILE:H	5	0.29
(3,1534)	1:98:A:ILE:HG21	1:119:A:LEU:HG	15	0.29
(3,1534)	1:98:A:ILE:HG22	1:119:A:LEU:HG	15	0.29
(3,1534)	1:98:A:ILE:HG23	1:119:A:LEU:HG	15	0.29
(3,1437)	1:73:A:ILE:HG21	1:110:A:MET:H	4	0.29
(3,1437)	1:73:A:ILE:HG22	1:110:A:MET:H	4	0.29
(3,1437)	1:73:A:ILE:HG23	1:110:A:MET:H	4	0.29
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD11	4	0.29
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD12	4	0.29
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD13	4	0.29
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD11	4	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD12	4	0.29
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD13	4	0.29
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD11	4	0.29
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD12	4	0.29
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD13	4	0.29
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG11	1	0.29
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG12	1	0.29
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG13	1	0.29
(3,1340)	1:66:A:THR:HG21	1:98:A:ILE:HD11	19	0.29
(3,1340)	1:66:A:THR:HG21	1:98:A:ILE:HD12	19	0.29
(3,1340)	1:66:A:THR:HG21	1:98:A:ILE:HD13	19	0.29
(3,1340)	1:66:A:THR:HG22	1:98:A:ILE:HD11	19	0.29
(3,1340)	1:66:A:THR:HG22	1:98:A:ILE:HD12	19	0.29
(3,1340)	1:66:A:THR:HG22	1:98:A:ILE:HD13	19	0.29
(3,1340)	1:66:A:THR:HG23	1:98:A:ILE:HD11	19	0.29
(3,1340)	1:66:A:THR:HG23	1:98:A:ILE:HD12	19	0.29
(3,1340)	1:66:A:THR:HG23	1:98:A:ILE:HD13	19	0.29
(3,1278)	1:9:A:PHE:HD1	1:40:A:LEU:HD21	7	0.29
(3,1278)	1:9:A:PHE:HD1	1:40:A:LEU:HD22	7	0.29
(3,1278)	1:9:A:PHE:HD1	1:40:A:LEU:HD23	7	0.29
(3,1278)	1:9:A:PHE:HD2	1:40:A:LEU:HD21	7	0.29
(3,1278)	1:9:A:PHE:HD2	1:40:A:LEU:HD22	7	0.29
(3,1278)	1:9:A:PHE:HD2	1:40:A:LEU:HD23	7	0.29
(3,1273)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	17	0.29
(3,1273)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	17	0.29
(3,1273)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	17	0.29
(3,1273)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	17	0.29
(3,1273)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	17	0.29
(3,1273)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	17	0.29
(3,1273)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	19	0.29
(3,1273)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	19	0.29
(3,1273)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	19	0.29
(3,1273)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	19	0.29
(3,1273)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	19	0.29
(3,1273)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	19	0.29
(3,1261)	1:39:A:VAL:H	1:139:A:LEU:HD21	3	0.29
(3,1261)	1:39:A:VAL:H	1:139:A:LEU:HD22	3	0.29
(3,1261)	1:39:A:VAL:H	1:139:A:LEU:HD23	3	0.29
(3,1239)	1:11:A:ILE:HD11	1:131:A:LEU:HA	12	0.29
(3,1239)	1:11:A:ILE:HD12	1:131:A:LEU:HA	12	0.29
(3,1239)	1:11:A:ILE:HD13	1:131:A:LEU:HA	12	0.29
(3,1218)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	14	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1218)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	14	0.29
(3,1218)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	14	0.29
(3,1218)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	14	0.29
(3,1218)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	14	0.29
(3,1218)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	14	0.29
(3,1218)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	14	0.29
(3,1218)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	14	0.29
(3,1218)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	14	0.29
(3,1188)	1:140:A:LEU:HD21	1:144:A:LEU:H	19	0.29
(3,1188)	1:140:A:LEU:HD22	1:144:A:LEU:H	19	0.29
(3,1188)	1:140:A:LEU:HD23	1:144:A:LEU:H	19	0.29
(3,1066)	1:110:A:MET:HE1	1:114:A:ILE:HG12	13	0.29
(3,1066)	1:110:A:MET:HE2	1:114:A:ILE:HG12	13	0.29
(3,1066)	1:110:A:MET:HE3	1:114:A:ILE:HG12	13	0.29
(3,1049)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	3	0.29
(3,983)	1:11:A:ILE:HG12	1:14:A:VAL:HB	9	0.29
(3,983)	1:11:A:ILE:HG12	1:14:A:VAL:HB	19	0.29
(3,947)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	17	0.29
(3,947)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	17	0.29
(3,947)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	17	0.29
(3,947)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	17	0.29
(3,938)	1:125:A:THR:HB	1:128:A:LEU:HB2	7	0.29
(3,912)	1:94:A:ALA:HA	1:95:A:ILE:HB	15	0.29
(3,848)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	16	0.29
(3,848)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	16	0.29
(3,848)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	16	0.29
(3,848)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	16	0.29
(3,848)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	16	0.29
(3,848)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	16	0.29
(3,811)	1:11:A:ILE:HD11	1:43:A:MET:HG2	9	0.29
(3,811)	1:11:A:ILE:HD12	1:43:A:MET:HG2	9	0.29
(3,811)	1:11:A:ILE:HD13	1:43:A:MET:HG2	9	0.29
(3,703)	1:98:A:ILE:H	1:100:A:ALA:H	6	0.29
(3,636)	1:9:A:PHE:HD1	1:58:A:ILE:H	6	0.29
(3,636)	1:9:A:PHE:HD2	1:58:A:ILE:H	6	0.29
(3,636)	1:9:A:PHE:HD1	1:58:A:ILE:H	15	0.29
(3,636)	1:9:A:PHE:HD2	1:58:A:ILE:H	15	0.29
(3,595)	1:75:A:GLY:H	1:76:A:ARG:HG2	1	0.29
(3,595)	1:75:A:GLY:H	1:76:A:ARG:HG3	1	0.29
(3,586)	1:126:A:GLY:H	1:128:A:LEU:HG	7	0.29
(3,522)	1:67:A:PRO:HA	1:71:A:LYS:H	11	0.29
(3,506)	1:68:A:LYS:H	1:71:A:LYS:H	13	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,491)	1:79:A:THR:H	1:79:A:THR:HG21	6	0.29
(3,491)	1:79:A:THR:H	1:79:A:THR:HG22	6	0.29
(3,491)	1:79:A:THR:H	1:79:A:THR:HG23	6	0.29
(3,475)	1:48:A:ARG:HA	1:53:A:THR:H	18	0.29
(3,462)	1:18:A:PHE:H	1:113:A:PHE:HE1	7	0.29
(3,462)	1:18:A:PHE:H	1:113:A:PHE:HE2	7	0.29
(3,413)	1:125:A:THR:H	1:128:A:LEU:HG	3	0.29
(3,390)	1:106:A:ASP:H	1:112:A:GLN:HE21	7	0.29
(3,285)	1:50:A:ALA:H	1:52:A:CYS:H	4	0.29
(3,131)	1:13:A:ALA:HB1	1:80:A:TYR:H	17	0.29
(3,131)	1:13:A:ALA:HB2	1:80:A:TYR:H	17	0.29
(3,131)	1:13:A:ALA:HB3	1:80:A:TYR:H	17	0.29
(2,2463)	1:140:A:LEU:HD11	1:144:A:LEU:H	17	0.29
(2,2463)	1:140:A:LEU:HD12	1:144:A:LEU:H	17	0.29
(2,2463)	1:140:A:LEU:HD13	1:144:A:LEU:H	17	0.29
(2,2463)	1:140:A:LEU:HD21	1:144:A:LEU:H	17	0.29
(2,2463)	1:140:A:LEU:HD22	1:144:A:LEU:H	17	0.29
(2,2463)	1:140:A:LEU:HD23	1:144:A:LEU:H	17	0.29
(2,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	8	0.29
(2,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	8	0.29
(2,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	8	0.29
(2,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	8	0.29
(2,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	8	0.29
(2,2433)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	8	0.29
(2,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	8	0.29
(2,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	8	0.29
(2,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	8	0.29
(2,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	8	0.29
(2,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	8	0.29
(2,2433)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	8	0.29
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD11	2	0.29
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD12	2	0.29
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD13	2	0.29
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD21	2	0.29
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD22	2	0.29
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD23	2	0.29
(2,2418)	1:131:A:LEU:HD11	1:134:A:VAL:HB	10	0.29
(2,2418)	1:131:A:LEU:HD12	1:134:A:VAL:HB	10	0.29
(2,2418)	1:131:A:LEU:HD13	1:134:A:VAL:HB	10	0.29
(2,2418)	1:131:A:LEU:HD21	1:134:A:VAL:HB	10	0.29
(2,2418)	1:131:A:LEU:HD22	1:134:A:VAL:HB	10	0.29
(2,2418)	1:131:A:LEU:HD23	1:134:A:VAL:HB	10	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	10	0.29
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	10	0.29
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	10	0.29
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	10	0.29
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	10	0.29
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	10	0.29
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	10	0.29
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	10	0.29
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	10	0.29
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	10	0.29
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	10	0.29
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	10	0.29
(2,2329)	1:103:A:ARG:HE	1:107:A:LEU:HD11	12	0.29
(2,2329)	1:103:A:ARG:HE	1:107:A:LEU:HD12	12	0.29
(2,2329)	1:103:A:ARG:HE	1:107:A:LEU:HD13	12	0.29
(2,2329)	1:103:A:ARG:HE	1:107:A:LEU:HD21	12	0.29
(2,2329)	1:103:A:ARG:HE	1:107:A:LEU:HD22	12	0.29
(2,2329)	1:103:A:ARG:HE	1:107:A:LEU:HD23	12	0.29
(2,2312)	1:97:A:ASP:HA	1:105:A:LYS:HG2	16	0.29
(2,2312)	1:97:A:ASP:HA	1:105:A:LYS:HG3	16	0.29
(2,2297)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	6	0.29
(2,2297)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	6	0.29
(2,2294)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	16	0.29
(2,2294)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	16	0.29
(2,2276)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	2	0.29
(2,2276)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	2	0.29
(2,2276)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	2	0.29
(2,2276)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	2	0.29
(2,2273)	1:70:A:LYS:H	1:70:A:LYS:HD2	5	0.29
(2,2273)	1:70:A:LYS:H	1:70:A:LYS:HD3	5	0.29
(2,2261)	1:67:A:PRO:HD2	1:96:A:VAL:HG11	6	0.29
(2,2261)	1:67:A:PRO:HD2	1:96:A:VAL:HG12	6	0.29
(2,2261)	1:67:A:PRO:HD2	1:96:A:VAL:HG13	6	0.29
(2,2261)	1:67:A:PRO:HD2	1:96:A:VAL:HG21	6	0.29
(2,2261)	1:67:A:PRO:HD2	1:96:A:VAL:HG22	6	0.29
(2,2261)	1:67:A:PRO:HD2	1:96:A:VAL:HG23	6	0.29
(2,2132)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	2	0.29
(2,2132)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	2	0.29
(2,2132)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	2	0.29
(2,2132)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	2	0.29
(2,2132)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	2	0.29
(2,2132)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	2	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2110)	1:38:A:GLU:HA	1:139:A:LEU:HD11	17	0.29
(2,2110)	1:38:A:GLU:HA	1:139:A:LEU:HD12	17	0.29
(2,2110)	1:38:A:GLU:HA	1:139:A:LEU:HD13	17	0.29
(2,2110)	1:38:A:GLU:HA	1:139:A:LEU:HD21	17	0.29
(2,2110)	1:38:A:GLU:HA	1:139:A:LEU:HD22	17	0.29
(2,2110)	1:38:A:GLU:HA	1:139:A:LEU:HD23	17	0.29
(2,2008)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	13	0.29
(2,2008)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	13	0.29
(2,2008)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	13	0.29
(2,2008)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	13	0.29
(2,2008)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	13	0.29
(2,2008)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	13	0.29
(2,2008)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	13	0.29
(2,2008)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	13	0.29
(2,2008)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	13	0.29
(2,2008)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	13	0.29
(2,2008)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	13	0.29
(2,2008)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	13	0.29
(2,2008)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	13	0.29
(2,2008)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	13	0.29
(2,2008)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	13	0.29
(2,2008)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	13	0.29
(2,2008)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	13	0.29
(2,2008)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	13	0.29
(2,1940)	1:58:A:ILE:HA	1:62:A:HIS:HE1	19	0.29
(2,1937)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	17	0.29
(2,1937)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	17	0.29
(2,1937)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	17	0.29
(2,1937)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	17	0.29
(2,1937)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	17	0.29
(2,1937)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	17	0.29
(2,1862)	1:143:A:TRP:HA	1:143:A:TRP:HE3	19	0.29
(2,1806)	1:80:A:TYR:HD1	1:81:A:GLU:HA	16	0.29
(2,1806)	1:80:A:TYR:HD2	1:81:A:GLU:HA	16	0.29
(2,1786)	1:97:A:ASP:HA	1:105:A:LYS:HA	16	0.29
(2,1683)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	16	0.29
(2,1683)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	16	0.29
(2,1683)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	16	0.29
(2,1683)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	16	0.29
(2,1675)	1:69:A:MET:HE1	1:116:A:GLN:HE22	18	0.29
(2,1675)	1:69:A:MET:HE2	1:116:A:GLN:HE22	18	0.29
(2,1675)	1:69:A:MET:HE3	1:116:A:GLN:HE22	18	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	18	0.29
(2,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	18	0.29
(2,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	18	0.29
(2,1600)	1:98:A:ILE:HG21	1:116:A:GLN:H	10	0.29
(2,1600)	1:98:A:ILE:HG22	1:116:A:GLN:H	10	0.29
(2,1600)	1:98:A:ILE:HG23	1:116:A:GLN:H	10	0.29
(2,1586)	1:61:A:SER:HA	1:63:A:ILE:HD11	3	0.29
(2,1586)	1:61:A:SER:HA	1:63:A:ILE:HD12	3	0.29
(2,1586)	1:61:A:SER:HA	1:63:A:ILE:HD13	3	0.29
(2,1520)	1:69:A:MET:HE1	1:116:A:GLN:HE21	13	0.29
(2,1520)	1:69:A:MET:HE2	1:116:A:GLN:HE21	13	0.29
(2,1520)	1:69:A:MET:HE3	1:116:A:GLN:HE21	13	0.29
(2,1517)	1:69:A:MET:HE1	1:114:A:ILE:H	5	0.29
(2,1517)	1:69:A:MET:HE2	1:114:A:ILE:H	5	0.29
(2,1517)	1:69:A:MET:HE3	1:114:A:ILE:H	5	0.29
(2,1470)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	5	0.29
(2,1470)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	5	0.29
(2,1470)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	5	0.29
(2,1365)	1:118:A:ASP:HA	1:121:A:VAL:HG11	5	0.29
(2,1365)	1:118:A:ASP:HA	1:121:A:VAL:HG12	5	0.29
(2,1365)	1:118:A:ASP:HA	1:121:A:VAL:HG13	5	0.29
(2,1354)	1:73:A:ILE:HB	1:76:A:ARG:HA	13	0.29
(2,1290)	1:128:A:LEU:H	1:128:A:LEU:HD21	3	0.29
(2,1290)	1:128:A:LEU:H	1:128:A:LEU:HD22	3	0.29
(2,1290)	1:128:A:LEU:H	1:128:A:LEU:HD23	3	0.29
(2,1249)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	15	0.29
(2,1249)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	15	0.29
(2,1249)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	15	0.29
(2,1245)	1:37:A:LEU:HD11	1:38:A:GLU:HA	8	0.29
(2,1245)	1:37:A:LEU:HD12	1:38:A:GLU:HA	8	0.29
(2,1245)	1:37:A:LEU:HD13	1:38:A:GLU:HA	8	0.29
(2,1245)	1:37:A:LEU:HD11	1:38:A:GLU:HA	15	0.29
(2,1245)	1:37:A:LEU:HD12	1:38:A:GLU:HA	15	0.29
(2,1245)	1:37:A:LEU:HD13	1:38:A:GLU:HA	15	0.29
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD11	15	0.29
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD12	15	0.29
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD13	15	0.29
(2,1207)	1:69:A:MET:HE1	1:110:A:MET:HA	1	0.29
(2,1207)	1:69:A:MET:HE2	1:110:A:MET:HA	1	0.29
(2,1207)	1:69:A:MET:HE3	1:110:A:MET:HA	1	0.29
(2,1161)	1:140:A:LEU:HD21	1:144:A:LEU:H	19	0.29
(2,1161)	1:140:A:LEU:HD22	1:144:A:LEU:H	19	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1161)	1:140:A:LEU:HD23	1:144:A:LEU:H	19	0.29
(2,1152)	1:150:A:THR:HG21	1:151:A:PHE:HA	14	0.29
(2,1152)	1:150:A:THR:HG22	1:151:A:PHE:HA	14	0.29
(2,1152)	1:150:A:THR:HG23	1:151:A:PHE:HA	14	0.29
(2,1038)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	1	0.29
(2,1038)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	1	0.29
(2,1038)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	1	0.29
(2,1038)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	1	0.29
(2,1038)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	1	0.29
(2,1038)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	1	0.29
(2,1038)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	9	0.29
(2,1038)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	9	0.29
(2,1038)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	9	0.29
(2,1038)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	9	0.29
(2,1038)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	9	0.29
(2,1038)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	9	0.29
(2,1013)	1:34:A:LYS:H	1:81:A:GLU:HB3	12	0.29
(2,1010)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	9	0.29
(2,1010)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	9	0.29
(2,951)	1:15:A:ALA:HB1	1:43:A:MET:HB2	1	0.29
(2,951)	1:15:A:ALA:HB2	1:43:A:MET:HB2	1	0.29
(2,951)	1:15:A:ALA:HB3	1:43:A:MET:HB2	1	0.29
(2,942)	1:39:A:VAL:HA	1:43:A:MET:HG2	2	0.29
(2,887)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	1	0.29
(2,887)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	1	0.29
(2,887)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	1	0.29
(2,694)	1:98:A:ILE:H	1:100:A:ALA:H	6	0.29
(2,640)	1:66:A:THR:H	1:70:A:LYS:H	14	0.29
(2,630)	1:9:A:PHE:HD1	1:58:A:ILE:H	6	0.29
(2,630)	1:9:A:PHE:HD2	1:58:A:ILE:H	6	0.29
(2,630)	1:9:A:PHE:HD1	1:58:A:ILE:H	15	0.29
(2,630)	1:9:A:PHE:HD2	1:58:A:ILE:H	15	0.29
(2,589)	1:75:A:GLY:H	1:76:A:ARG:HG2	1	0.29
(2,589)	1:75:A:GLY:H	1:76:A:ARG:HG3	1	0.29
(2,554)	1:124:A:THR:H	1:128:A:LEU:HD21	3	0.29
(2,554)	1:124:A:THR:H	1:128:A:LEU:HD22	3	0.29
(2,554)	1:124:A:THR:H	1:128:A:LEU:HD23	3	0.29
(2,552)	1:124:A:THR:H	1:128:A:LEU:HD11	6	0.29
(2,552)	1:124:A:THR:H	1:128:A:LEU:HD12	6	0.29
(2,552)	1:124:A:THR:H	1:128:A:LEU:HD13	6	0.29
(2,519)	1:67:A:PRO:HA	1:71:A:LYS:H	11	0.29
(2,366)	1:70:A:LYS:H	1:73:A:ILE:HD11	17	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,366)	1:70:A:LYS:H	1:73:A:ILE:HD12	17	0.29
(2,366)	1:70:A:LYS:H	1:73:A:ILE:HD13	17	0.29
(2,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	1	0.29
(2,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	1	0.29
(2,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	1	0.29
(2,282)	1:50:A:ALA:H	1:52:A:CYS:H	4	0.29
(2,236)	1:47:A:ALA:HB1	1:50:A:ALA:H	16	0.29
(2,236)	1:47:A:ALA:HB2	1:50:A:ALA:H	16	0.29
(2,236)	1:47:A:ALA:HB3	1:50:A:ALA:H	16	0.29
(2,130)	1:13:A:ALA:HB1	1:80:A:TYR:H	17	0.29
(2,130)	1:13:A:ALA:HB2	1:80:A:TYR:H	17	0.29
(2,130)	1:13:A:ALA:HB3	1:80:A:TYR:H	17	0.29
(2,111)	1:80:A:TYR:H	1:81:A:GLU:HG2	8	0.29
(2,111)	1:80:A:TYR:H	1:81:A:GLU:HG3	8	0.29
(2,111)	1:80:A:TYR:H	1:81:A:GLU:HG2	15	0.29
(2,111)	1:80:A:TYR:H	1:81:A:GLU:HG3	15	0.29
(2,73)	1:22:A:ASP:HA	1:23:A:LEU:H	5	0.29
(2,72)	1:54:A:ARG:H	1:54:A:ARG:HE	5	0.29
(2,17)	1:94:A:ALA:H	1:95:A:ILE:HD11	19	0.29
(2,17)	1:94:A:ALA:H	1:95:A:ILE:HD12	19	0.29
(2,17)	1:94:A:ALA:H	1:95:A:ILE:HD13	19	0.29
(1,2405)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	8	0.29
(1,2405)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	8	0.29
(1,2405)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	8	0.29
(1,2405)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	8	0.29
(1,2405)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	8	0.29
(1,2405)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	8	0.29
(1,2405)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	8	0.29
(1,2405)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	8	0.29
(1,2405)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	8	0.29
(1,2405)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	8	0.29
(1,2405)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	8	0.29
(1,2405)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	8	0.29
(1,2404)	1:136:A:CYS:HA	1:140:A:LEU:HD11	3	0.29
(1,2404)	1:136:A:CYS:HA	1:140:A:LEU:HD12	3	0.29
(1,2404)	1:136:A:CYS:HA	1:140:A:LEU:HD13	3	0.29
(1,2404)	1:136:A:CYS:HA	1:140:A:LEU:HD21	3	0.29
(1,2404)	1:136:A:CYS:HA	1:140:A:LEU:HD22	3	0.29
(1,2404)	1:136:A:CYS:HA	1:140:A:LEU:HD23	3	0.29
(1,2403)	1:134:A:VAL:HG11	1:137:A:SER:HB2	13	0.29
(1,2403)	1:134:A:VAL:HG11	1:137:A:SER:HB3	13	0.29
(1,2403)	1:134:A:VAL:HG12	1:137:A:SER:HB2	13	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2403)	1:134:A:VAL:HG12	1:137:A:SER:HB3	13	0.29
(1,2403)	1:134:A:VAL:HG13	1:137:A:SER:HB2	13	0.29
(1,2403)	1:134:A:VAL:HG13	1:137:A:SER:HB3	13	0.29
(1,2403)	1:134:A:VAL:HG21	1:137:A:SER:HB2	13	0.29
(1,2403)	1:134:A:VAL:HG21	1:137:A:SER:HB3	13	0.29
(1,2403)	1:134:A:VAL:HG22	1:137:A:SER:HB2	13	0.29
(1,2403)	1:134:A:VAL:HG22	1:137:A:SER:HB3	13	0.29
(1,2403)	1:134:A:VAL:HG23	1:137:A:SER:HB2	13	0.29
(1,2403)	1:134:A:VAL:HG23	1:137:A:SER:HB3	13	0.29
(1,2402)	1:134:A:VAL:HG11	1:137:A:SER:H	2	0.29
(1,2402)	1:134:A:VAL:HG12	1:137:A:SER:H	2	0.29
(1,2402)	1:134:A:VAL:HG13	1:137:A:SER:H	2	0.29
(1,2402)	1:134:A:VAL:HG21	1:137:A:SER:H	2	0.29
(1,2402)	1:134:A:VAL:HG22	1:137:A:SER:H	2	0.29
(1,2402)	1:134:A:VAL:HG23	1:137:A:SER:H	2	0.29
(1,2298)	1:106:A:ASP:H	1:107:A:LEU:HD11	11	0.29
(1,2298)	1:106:A:ASP:H	1:107:A:LEU:HD12	11	0.29
(1,2298)	1:106:A:ASP:H	1:107:A:LEU:HD13	11	0.29
(1,2298)	1:106:A:ASP:H	1:107:A:LEU:HD21	11	0.29
(1,2298)	1:106:A:ASP:H	1:107:A:LEU:HD22	11	0.29
(1,2298)	1:106:A:ASP:H	1:107:A:LEU:HD23	11	0.29
(1,2288)	1:103:A:ARG:HE	1:107:A:LEU:HD11	12	0.29
(1,2288)	1:103:A:ARG:HE	1:107:A:LEU:HD12	12	0.29
(1,2288)	1:103:A:ARG:HE	1:107:A:LEU:HD13	12	0.29
(1,2288)	1:103:A:ARG:HE	1:107:A:LEU:HD21	12	0.29
(1,2288)	1:103:A:ARG:HE	1:107:A:LEU:HD22	12	0.29
(1,2288)	1:103:A:ARG:HE	1:107:A:LEU:HD23	12	0.29
(1,2271)	1:97:A:ASP:HA	1:105:A:LYS:HG2	16	0.29
(1,2271)	1:97:A:ASP:HA	1:105:A:LYS:HG3	16	0.29
(1,2249)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	10	0.29
(1,2249)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	10	0.29
(1,2249)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	10	0.29
(1,2249)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	10	0.29
(1,2208)	1:65:A:CYS:HB2	1:69:A:MET:HE1	17	0.29
(1,2208)	1:65:A:CYS:HB2	1:69:A:MET:HE2	17	0.29
(1,2208)	1:65:A:CYS:HB2	1:69:A:MET:HE3	17	0.29
(1,2208)	1:65:A:CYS:HB3	1:69:A:MET:HE1	17	0.29
(1,2208)	1:65:A:CYS:HB3	1:69:A:MET:HE2	17	0.29
(1,2208)	1:65:A:CYS:HB3	1:69:A:MET:HE3	17	0.29
(1,2197)	1:63:A:ILE:HG21	1:117:A:VAL:HG11	7	0.29
(1,2197)	1:63:A:ILE:HG21	1:117:A:VAL:HG12	7	0.29
(1,2197)	1:63:A:ILE:HG21	1:117:A:VAL:HG13	7	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2197)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	7	0.29
(1,2197)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	7	0.29
(1,2197)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	7	0.29
(1,2197)	1:63:A:ILE:HG22	1:117:A:VAL:HG11	7	0.29
(1,2197)	1:63:A:ILE:HG22	1:117:A:VAL:HG12	7	0.29
(1,2197)	1:63:A:ILE:HG22	1:117:A:VAL:HG13	7	0.29
(1,2197)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	7	0.29
(1,2197)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	7	0.29
(1,2197)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	7	0.29
(1,2197)	1:63:A:ILE:HG23	1:117:A:VAL:HG11	7	0.29
(1,2197)	1:63:A:ILE:HG23	1:117:A:VAL:HG12	7	0.29
(1,2197)	1:63:A:ILE:HG23	1:117:A:VAL:HG13	7	0.29
(1,2197)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	7	0.29
(1,2197)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	7	0.29
(1,2197)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	7	0.29
(1,2155)	1:53:A:THR:H	1:57:A:LEU:HD11	11	0.29
(1,2155)	1:53:A:THR:H	1:57:A:LEU:HD12	11	0.29
(1,2155)	1:53:A:THR:H	1:57:A:LEU:HD13	11	0.29
(1,2155)	1:53:A:THR:H	1:57:A:LEU:HD21	11	0.29
(1,2155)	1:53:A:THR:H	1:57:A:LEU:HD22	11	0.29
(1,2155)	1:53:A:THR:H	1:57:A:LEU:HD23	11	0.29
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD11	2	0.29
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD12	2	0.29
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD13	2	0.29
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD21	2	0.29
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD22	2	0.29
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD23	2	0.29
(1,2120)	1:40:A:LEU:HD11	1:41:A:LYS:H	13	0.29
(1,2120)	1:40:A:LEU:HD12	1:41:A:LYS:H	13	0.29
(1,2120)	1:40:A:LEU:HD13	1:41:A:LYS:H	13	0.29
(1,2120)	1:40:A:LEU:HD21	1:41:A:LYS:H	13	0.29
(1,2120)	1:40:A:LEU:HD22	1:41:A:LYS:H	13	0.29
(1,2120)	1:40:A:LEU:HD23	1:41:A:LYS:H	13	0.29
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD11	3	0.29
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD12	3	0.29
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD13	3	0.29
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD21	3	0.29
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD22	3	0.29
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD23	3	0.29
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD11	13	0.29
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD12	13	0.29
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD13	13	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD21	13	0.29
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD22	13	0.29
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD23	13	0.29
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD11	16	0.29
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD12	16	0.29
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD13	16	0.29
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD21	16	0.29
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD22	16	0.29
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD23	16	0.29
(1,2037)	1:27:A:ARG:HB2	1:27:A:ARG:HE	18	0.29
(1,2037)	1:27:A:ARG:HB3	1:27:A:ARG:HE	18	0.29
(1,2024)	1:23:A:LEU:HD11	1:24:A:ASP:H	16	0.29
(1,2024)	1:23:A:LEU:HD12	1:24:A:ASP:H	16	0.29
(1,2024)	1:23:A:LEU:HD13	1:24:A:ASP:H	16	0.29
(1,2024)	1:23:A:LEU:HD21	1:24:A:ASP:H	16	0.29
(1,2024)	1:23:A:LEU:HD22	1:24:A:ASP:H	16	0.29
(1,2024)	1:23:A:LEU:HD23	1:24:A:ASP:H	16	0.29
(1,1968)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	13	0.29
(1,1968)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	13	0.29
(1,1968)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	13	0.29
(1,1968)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	13	0.29
(1,1968)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	13	0.29
(1,1968)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	13	0.29
(1,1968)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	13	0.29
(1,1968)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	13	0.29
(1,1968)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	13	0.29
(1,1968)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	13	0.29
(1,1968)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	13	0.29
(1,1968)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	13	0.29
(1,1968)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	13	0.29
(1,1968)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	13	0.29
(1,1968)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	13	0.29
(1,1968)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	13	0.29
(1,1968)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	13	0.29
(1,1968)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	13	0.29
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE1	8	0.29
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE2	8	0.29
(1,1898)	1:104:A:PHE:HE1	1:105:A:LYS:H	18	0.29
(1,1898)	1:104:A:PHE:HE2	1:105:A:LYS:H	18	0.29
(1,1870)	1:9:A:PHE:HZ	1:11:A:ILE:HA	12	0.29
(1,1864)	1:80:A:TYR:HE1	1:81:A:GLU:HB2	7	0.29
(1,1864)	1:80:A:TYR:HE2	1:81:A:GLU:HB2	7	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1864)	1:80:A:TYR:HE1	1:81:A:GLU:HB2	11	0.29
(1,1864)	1:80:A:TYR:HE2	1:81:A:GLU:HB2	11	0.29
(1,1818)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	8	0.29
(1,1818)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	8	0.29
(1,1818)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	8	0.29
(1,1818)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	8	0.29
(1,1818)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	8	0.29
(1,1818)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	8	0.29
(1,1816)	1:104:A:PHE:HE1	1:105:A:LYS:HA	4	0.29
(1,1816)	1:104:A:PHE:HE2	1:105:A:LYS:HA	4	0.29
(1,1779)	1:97:A:ASP:HA	1:105:A:LYS:HA	7	0.29
(1,1620)	1:73:A:ILE:HG21	1:76:A:ARG:H	18	0.29
(1,1620)	1:73:A:ILE:HG22	1:76:A:ARG:H	18	0.29
(1,1620)	1:73:A:ILE:HG23	1:76:A:ARG:H	18	0.29
(1,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	2	0.29
(1,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	2	0.29
(1,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	2	0.29
(1,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	2	0.29
(1,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	2	0.29
(1,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	2	0.29
(1,1603)	1:98:A:ILE:HG21	1:104:A:PHE:HE1	13	0.29
(1,1603)	1:98:A:ILE:HG21	1:104:A:PHE:HE2	13	0.29
(1,1603)	1:98:A:ILE:HG22	1:104:A:PHE:HE1	13	0.29
(1,1603)	1:98:A:ILE:HG22	1:104:A:PHE:HE2	13	0.29
(1,1603)	1:98:A:ILE:HG23	1:104:A:PHE:HE1	13	0.29
(1,1603)	1:98:A:ILE:HG23	1:104:A:PHE:HE2	13	0.29
(1,1573)	1:9:A:PHE:HE1	1:14:A:VAL:HG21	5	0.29
(1,1573)	1:9:A:PHE:HE1	1:14:A:VAL:HG22	5	0.29
(1,1573)	1:9:A:PHE:HE1	1:14:A:VAL:HG23	5	0.29
(1,1573)	1:9:A:PHE:HE2	1:14:A:VAL:HG21	5	0.29
(1,1573)	1:9:A:PHE:HE2	1:14:A:VAL:HG22	5	0.29
(1,1573)	1:9:A:PHE:HE2	1:14:A:VAL:HG23	5	0.29
(1,1545)	1:69:A:MET:HE1	1:109:A:PRO:HB2	17	0.29
(1,1545)	1:69:A:MET:HE1	1:109:A:PRO:HB3	17	0.29
(1,1545)	1:69:A:MET:HE2	1:109:A:PRO:HB2	17	0.29
(1,1545)	1:69:A:MET:HE2	1:109:A:PRO:HB3	17	0.29
(1,1545)	1:69:A:MET:HE3	1:109:A:PRO:HB2	17	0.29
(1,1545)	1:69:A:MET:HE3	1:109:A:PRO:HB3	17	0.29
(1,1538)	1:69:A:MET:HE1	1:110:A:MET:HA	10	0.29
(1,1538)	1:69:A:MET:HE2	1:110:A:MET:HA	10	0.29
(1,1538)	1:69:A:MET:HE3	1:110:A:MET:HA	10	0.29
(1,1523)	1:98:A:ILE:HG21	1:101:A:ILE:HB	3	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1523)	1:98:A:ILE:HG22	1:101:A:ILE:HB	3	0.29
(1,1523)	1:98:A:ILE:HG23	1:101:A:ILE:HB	3	0.29
(1,1420)	1:73:A:ILE:HG21	1:110:A:MET:H	4	0.29
(1,1420)	1:73:A:ILE:HG22	1:110:A:MET:H	4	0.29
(1,1420)	1:73:A:ILE:HG23	1:110:A:MET:H	4	0.29
(1,1395)	1:19:A:ALA:HB1	1:20:A:THR:HG21	19	0.29
(1,1395)	1:19:A:ALA:HB1	1:20:A:THR:HG22	19	0.29
(1,1395)	1:19:A:ALA:HB1	1:20:A:THR:HG23	19	0.29
(1,1395)	1:19:A:ALA:HB2	1:20:A:THR:HG21	19	0.29
(1,1395)	1:19:A:ALA:HB2	1:20:A:THR:HG22	19	0.29
(1,1395)	1:19:A:ALA:HB2	1:20:A:THR:HG23	19	0.29
(1,1395)	1:19:A:ALA:HB3	1:20:A:THR:HG21	19	0.29
(1,1395)	1:19:A:ALA:HB3	1:20:A:THR:HG22	19	0.29
(1,1395)	1:19:A:ALA:HB3	1:20:A:THR:HG23	19	0.29
(1,1272)	1:15:A:ALA:HA	1:131:A:LEU:HB2	4	0.29
(1,1250)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	14	0.29
(1,1250)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	14	0.29
(1,1250)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	14	0.29
(1,1250)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	14	0.29
(1,1250)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	14	0.29
(1,1250)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	14	0.29
(1,1250)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	14	0.29
(1,1250)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	14	0.29
(1,1250)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	14	0.29
(1,1078)	1:140:A:LEU:H	1:140:A:LEU:HG	7	0.29
(1,1042)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	3	0.29
(1,978)	1:66:A:THR:H	1:96:A:VAL:HB	4	0.29
(1,973)	1:12:A:VAL:HA	1:43:A:MET:HG2	14	0.29
(1,935)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	7	0.29
(1,834)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	13	0.29
(1,834)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	13	0.29
(1,834)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	13	0.29
(1,834)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	13	0.29
(1,834)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	13	0.29
(1,834)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	13	0.29
(1,619)	1:14:A:VAL:HB	1:16:A:SER:H	9	0.29
(1,596)	1:75:A:GLY:H	1:76:A:ARG:HG2	1	0.29
(1,596)	1:75:A:GLY:H	1:76:A:ARG:HG3	1	0.29
(1,587)	1:126:A:GLY:H	1:128:A:LEU:HG	7	0.29
(1,579)	1:11:A:ILE:HD11	1:16:A:SER:H	2	0.29
(1,579)	1:11:A:ILE:HD12	1:16:A:SER:H	2	0.29
(1,579)	1:11:A:ILE:HD13	1:16:A:SER:H	2	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,475)	1:48:A:ARG:HA	1:53:A:THR:H	18	0.29
(1,467)	1:14:A:VAL:H	1:14:A:VAL:HB	3	0.29
(1,467)	1:14:A:VAL:H	1:14:A:VAL:HB	4	0.29
(1,467)	1:14:A:VAL:H	1:14:A:VAL:HB	8	0.29
(1,467)	1:14:A:VAL:H	1:14:A:VAL:HB	9	0.29
(1,467)	1:14:A:VAL:H	1:14:A:VAL:HB	19	0.29
(1,461)	1:18:A:PHE:H	1:113:A:PHE:HE1	7	0.29
(1,461)	1:18:A:PHE:H	1:113:A:PHE:HE2	7	0.29
(1,391)	1:106:A:ASP:H	1:112:A:GLN:HE21	7	0.29
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD1	1	0.29
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD2	1	0.29
(1,135)	1:46:A:ASN:HB3	1:49:A:LYS:H	13	0.29
(1,127)	1:79:A:THR:H	1:80:A:TYR:H	10	0.29
(1,82)	1:23:A:LEU:H	1:26:A:ASP:HB2	11	0.29
(1,82)	1:23:A:LEU:H	1:26:A:ASP:HB3	11	0.29
(1,32)	1:35:A:LEU:H	1:35:A:LEU:HG	17	0.29
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD11	5	0.28
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD12	5	0.28
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD13	5	0.28
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD21	5	0.28
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD22	5	0.28
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD23	5	0.28
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD11	17	0.28
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD12	17	0.28
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD13	17	0.28
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD21	17	0.28
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD22	17	0.28
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD23	17	0.28
(34,2432)	1:131:A:LEU:H	1:134:A:VAL:HG11	8	0.28
(34,2432)	1:131:A:LEU:H	1:134:A:VAL:HG12	8	0.28
(34,2432)	1:131:A:LEU:H	1:134:A:VAL:HG13	8	0.28
(34,2432)	1:131:A:LEU:H	1:134:A:VAL:HG21	8	0.28
(34,2432)	1:131:A:LEU:H	1:134:A:VAL:HG22	8	0.28
(34,2432)	1:131:A:LEU:H	1:134:A:VAL:HG23	8	0.28
(34,2396)	1:122:A:ASP:H	1:123:A:CYS:HB2	17	0.28
(34,2396)	1:122:A:ASP:H	1:123:A:CYS:HB3	17	0.28
(34,2330)	1:107:A:LEU:HA	1:108:A:GLU:HG2	1	0.28
(34,2330)	1:107:A:LEU:HA	1:108:A:GLU:HG3	1	0.28
(34,2330)	1:107:A:LEU:HA	1:108:A:GLU:HG2	3	0.28
(34,2330)	1:107:A:LEU:HA	1:108:A:GLU:HG3	3	0.28
(34,2246)	1:70:A:LYS:H	1:70:A:LYS:HD2	6	0.28
(34,2246)	1:70:A:LYS:H	1:70:A:LYS:HD3	6	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2138)	1:40:A:LEU:HD11	1:43:A:MET:HB3	7	0.28
(34,2138)	1:40:A:LEU:HD12	1:43:A:MET:HB3	7	0.28
(34,2138)	1:40:A:LEU:HD13	1:43:A:MET:HB3	7	0.28
(34,2138)	1:40:A:LEU:HD21	1:43:A:MET:HB3	7	0.28
(34,2138)	1:40:A:LEU:HD22	1:43:A:MET:HB3	7	0.28
(34,2138)	1:40:A:LEU:HD23	1:43:A:MET:HB3	7	0.28
(34,2135)	1:40:A:LEU:HD11	1:41:A:LYS:HA	16	0.28
(34,2135)	1:40:A:LEU:HD12	1:41:A:LYS:HA	16	0.28
(34,2135)	1:40:A:LEU:HD13	1:41:A:LYS:HA	16	0.28
(34,2135)	1:40:A:LEU:HD21	1:41:A:LYS:HA	16	0.28
(34,2135)	1:40:A:LEU:HD22	1:41:A:LYS:HA	16	0.28
(34,2135)	1:40:A:LEU:HD23	1:41:A:LYS:HA	16	0.28
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD11	3	0.28
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD12	3	0.28
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD13	3	0.28
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD21	3	0.28
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD22	3	0.28
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD23	3	0.28
(34,2000)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	4	0.28
(34,2000)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	4	0.28
(34,2000)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	4	0.28
(34,2000)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	4	0.28
(34,2000)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	4	0.28
(34,2000)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	4	0.28
(34,2000)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	4	0.28
(34,2000)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	4	0.28
(34,2000)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	4	0.28
(34,2000)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	4	0.28
(34,2000)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	4	0.28
(34,2000)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	4	0.28
(34,2000)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	4	0.28
(34,2000)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	4	0.28
(34,2000)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	4	0.28
(34,2000)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	4	0.28
(34,2000)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	4	0.28
(34,2000)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	4	0.28
(34,1991)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	10	0.28
(34,1991)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	10	0.28
(34,1991)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	10	0.28
(34,1991)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	10	0.28
(34,1991)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	10	0.28
(34,1991)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	10	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1991)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	10	0.28
(34,1991)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	10	0.28
(34,1991)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	10	0.28
(34,1991)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	10	0.28
(34,1991)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	10	0.28
(34,1991)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	10	0.28
(34,1991)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	10	0.28
(34,1991)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	10	0.28
(34,1991)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	10	0.28
(34,1991)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	10	0.28
(34,1991)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	10	0.28
(34,1991)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	10	0.28
(34,1975)	1:12:A:VAL:HG11	1:43:A:MET:HB3	6	0.28
(34,1975)	1:12:A:VAL:HG12	1:43:A:MET:HB3	6	0.28
(34,1975)	1:12:A:VAL:HG13	1:43:A:MET:HB3	6	0.28
(34,1975)	1:12:A:VAL:HG21	1:43:A:MET:HB3	6	0.28
(34,1975)	1:12:A:VAL:HG22	1:43:A:MET:HB3	6	0.28
(34,1975)	1:12:A:VAL:HG23	1:43:A:MET:HB3	6	0.28
(34,1921)	1:58:A:ILE:HA	1:62:A:HIS:HE1	11	0.28
(34,1893)	1:104:A:PHE:HE1	1:113:A:PHE:HA	5	0.28
(34,1893)	1:104:A:PHE:HE2	1:113:A:PHE:HA	5	0.28
(34,1807)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	16	0.28
(34,1807)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	16	0.28
(34,1807)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	16	0.28
(34,1807)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	16	0.28
(34,1807)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	16	0.28
(34,1807)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	16	0.28
(34,1777)	1:97:A:ASP:HA	1:105:A:LYS:HG2	19	0.28
(34,1772)	1:141:A:LYS:HA	1:144:A:LEU:HD21	8	0.28
(34,1772)	1:141:A:LYS:HA	1:144:A:LEU:HD22	8	0.28
(34,1772)	1:141:A:LYS:HA	1:144:A:LEU:HD23	8	0.28
(34,1650)	1:26:A:ASP:HA	1:27:A:ARG:HB2	11	0.28
(34,1617)	1:119:A:LEU:H	1:121:A:VAL:HG11	18	0.28
(34,1617)	1:119:A:LEU:H	1:121:A:VAL:HG12	18	0.28
(34,1617)	1:119:A:LEU:H	1:121:A:VAL:HG13	18	0.28
(34,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE1	3	0.28
(34,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE2	3	0.28
(34,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE3	3	0.28
(34,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE1	3	0.28
(34,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE2	3	0.28
(34,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE3	3	0.28
(34,1445)	1:119:A:LEU:HA	1:121:A:VAL:HG21	18	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1445)	1:119:A:LEU:HA	1:121:A:VAL:HG22	18	0.28
(34,1445)	1:119:A:LEU:HA	1:121:A:VAL:HG23	18	0.28
(34,1441)	1:69:A:MET:HE1	1:73:A:ILE:HG21	5	0.28
(34,1441)	1:69:A:MET:HE1	1:73:A:ILE:HG22	5	0.28
(34,1441)	1:69:A:MET:HE1	1:73:A:ILE:HG23	5	0.28
(34,1441)	1:69:A:MET:HE2	1:73:A:ILE:HG21	5	0.28
(34,1441)	1:69:A:MET:HE2	1:73:A:ILE:HG22	5	0.28
(34,1441)	1:69:A:MET:HE2	1:73:A:ILE:HG23	5	0.28
(34,1441)	1:69:A:MET:HE3	1:73:A:ILE:HG21	5	0.28
(34,1441)	1:69:A:MET:HE3	1:73:A:ILE:HG22	5	0.28
(34,1441)	1:69:A:MET:HE3	1:73:A:ILE:HG23	5	0.28
(34,1429)	1:73:A:ILE:HG21	1:110:A:MET:H	11	0.28
(34,1429)	1:73:A:ILE:HG22	1:110:A:MET:H	11	0.28
(34,1429)	1:73:A:ILE:HG23	1:110:A:MET:H	11	0.28
(34,1372)	1:13:A:ALA:H	1:79:A:THR:HG21	18	0.28
(34,1372)	1:13:A:ALA:H	1:79:A:THR:HG22	18	0.28
(34,1372)	1:13:A:ALA:H	1:79:A:THR:HG23	18	0.28
(34,1364)	1:125:A:THR:HG21	1:128:A:LEU:HB2	8	0.28
(34,1364)	1:125:A:THR:HG22	1:128:A:LEU:HB2	8	0.28
(34,1364)	1:125:A:THR:HG23	1:128:A:LEU:HB2	8	0.28
(34,1364)	1:125:A:THR:HG21	1:128:A:LEU:HB2	14	0.28
(34,1364)	1:125:A:THR:HG22	1:128:A:LEU:HB2	14	0.28
(34,1364)	1:125:A:THR:HG23	1:128:A:LEU:HB2	14	0.28
(34,1364)	1:125:A:THR:HG21	1:128:A:LEU:HB2	15	0.28
(34,1364)	1:125:A:THR:HG22	1:128:A:LEU:HB2	15	0.28
(34,1364)	1:125:A:THR:HG23	1:128:A:LEU:HB2	15	0.28
(34,1349)	1:64:A:LYS:HA	1:64:A:LYS:HD2	10	0.28
(34,1349)	1:64:A:LYS:HA	1:64:A:LYS:HD3	10	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG11	3	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG12	3	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG13	3	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG11	4	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG12	4	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG13	4	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG11	6	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG12	6	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG13	6	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG11	8	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG12	8	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG13	8	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG11	10	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG12	10	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG13	10	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG11	12	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG12	12	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG13	12	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG11	13	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG12	13	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG13	13	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG11	14	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG12	14	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG13	14	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG11	17	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG12	17	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG13	17	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG11	18	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG12	18	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG13	18	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG11	19	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG12	19	0.28
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG13	19	0.28
(34,1282)	1:23:A:LEU:HD11	1:24:A:ASP:H	18	0.28
(34,1282)	1:23:A:LEU:HD12	1:24:A:ASP:H	18	0.28
(34,1282)	1:23:A:LEU:HD13	1:24:A:ASP:H	18	0.28
(34,1281)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	3	0.28
(34,1281)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	3	0.28
(34,1281)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	3	0.28
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD21	11	0.28
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD22	11	0.28
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD23	11	0.28
(34,1260)	1:140:A:LEU:HA	1:140:A:LEU:HD11	5	0.28
(34,1260)	1:140:A:LEU:HA	1:140:A:LEU:HD12	5	0.28
(34,1260)	1:140:A:LEU:HA	1:140:A:LEU:HD13	5	0.28
(34,1259)	1:136:A:CYS:HA	1:140:A:LEU:HD11	3	0.28
(34,1259)	1:136:A:CYS:HA	1:140:A:LEU:HD12	3	0.28
(34,1259)	1:136:A:CYS:HA	1:140:A:LEU:HD13	3	0.28
(34,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD21	5	0.28
(34,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD22	5	0.28
(34,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD23	5	0.28
(34,1204)	1:106:A:ASP:H	1:107:A:LEU:HD21	17	0.28
(34,1204)	1:106:A:ASP:H	1:107:A:LEU:HD22	17	0.28
(34,1204)	1:106:A:ASP:H	1:107:A:LEU:HD23	17	0.28
(34,1199)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	9	0.28
(34,1199)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	9	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1199)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	9	0.28
(34,1199)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	9	0.28
(34,1199)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	9	0.28
(34,1199)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	9	0.28
(34,1186)	1:150:A:THR:HG21	1:151:A:PHE:HA	18	0.28
(34,1186)	1:150:A:THR:HG22	1:151:A:PHE:HA	18	0.28
(34,1186)	1:150:A:THR:HG23	1:151:A:PHE:HA	18	0.28
(34,1180)	1:13:A:ALA:HB1	1:80:A:TYR:HA	1	0.28
(34,1180)	1:13:A:ALA:HB2	1:80:A:TYR:HA	1	0.28
(34,1180)	1:13:A:ALA:HB3	1:80:A:TYR:HA	1	0.28
(34,1177)	1:145:A:PRO:HB2	1:146:A:GLN:HA	4	0.28
(34,1121)	1:68:A:LYS:HA	1:72:A:PHE:HD1	16	0.28
(34,1121)	1:68:A:LYS:HA	1:72:A:PHE:HD2	16	0.28
(34,1114)	1:138:A:ASP:HA	1:141:A:LYS:HA	11	0.28
(34,1041)	1:34:A:LYS:H	1:81:A:GLU:HB2	18	0.28
(34,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	19	0.28
(34,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	19	0.28
(34,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	19	0.28
(34,792)	1:60:A:LEU:H	1:63:A:ILE:HD11	8	0.28
(34,792)	1:60:A:LEU:H	1:63:A:ILE:HD12	8	0.28
(34,792)	1:60:A:LEU:H	1:63:A:ILE:HD13	8	0.28
(34,649)	1:66:A:THR:H	1:69:A:MET:HA	10	0.28
(34,637)	1:9:A:PHE:HD1	1:58:A:ILE:H	10	0.28
(34,637)	1:9:A:PHE:HD2	1:58:A:ILE:H	10	0.28
(34,303)	1:128:A:LEU:HB3	1:129:A:LYS:H	17	0.28
(34,136)	1:13:A:ALA:HB1	1:80:A:TYR:H	5	0.28
(34,136)	1:13:A:ALA:HB2	1:80:A:TYR:H	5	0.28
(34,136)	1:13:A:ALA:HB3	1:80:A:TYR:H	5	0.28
(34,130)	1:46:A:ASN:HB3	1:49:A:LYS:H	3	0.28
(34,130)	1:46:A:ASN:HB3	1:49:A:LYS:H	16	0.28
(34,118)	1:80:A:TYR:H	1:81:A:GLU:HG2	6	0.28
(34,118)	1:80:A:TYR:H	1:81:A:GLU:HG3	6	0.28
(34,64)	1:81:A:GLU:H	1:81:A:GLU:HG2	19	0.28
(34,64)	1:81:A:GLU:H	1:81:A:GLU:HG3	19	0.28
(34,17)	1:94:A:ALA:H	1:94:A:ALA:HB1	6	0.28
(34,17)	1:94:A:ALA:H	1:94:A:ALA:HB2	6	0.28
(34,17)	1:94:A:ALA:H	1:94:A:ALA:HB3	6	0.28
(33,2367)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	6	0.28
(33,2367)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	6	0.28
(33,2367)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	6	0.28
(33,2367)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	6	0.28
(33,2367)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	6	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2367)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	6	0.28
(33,2367)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	6	0.28
(33,2367)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	6	0.28
(33,2367)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	6	0.28
(33,2367)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	6	0.28
(33,2367)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	6	0.28
(33,2367)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	6	0.28
(33,2367)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	6	0.28
(33,2367)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	6	0.28
(33,2367)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	6	0.28
(33,2367)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	6	0.28
(33,2367)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	6	0.28
(33,2367)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	6	0.28
(33,2292)	1:81:A:GLU:H	1:81:A:GLU:HB2	12	0.28
(33,2292)	1:81:A:GLU:H	1:81:A:GLU:HB3	12	0.28
(33,2251)	1:69:A:MET:HG2	1:70:A:LYS:HG2	9	0.28
(33,2251)	1:69:A:MET:HG2	1:70:A:LYS:HG3	9	0.28
(33,2251)	1:69:A:MET:HG3	1:70:A:LYS:HG2	9	0.28
(33,2251)	1:69:A:MET:HG3	1:70:A:LYS:HG3	9	0.28
(33,2236)	1:66:A:THR:HB	1:96:A:VAL:HG11	6	0.28
(33,2236)	1:66:A:THR:HB	1:96:A:VAL:HG12	6	0.28
(33,2236)	1:66:A:THR:HB	1:96:A:VAL:HG13	6	0.28
(33,2236)	1:66:A:THR:HB	1:96:A:VAL:HG21	6	0.28
(33,2236)	1:66:A:THR:HB	1:96:A:VAL:HG22	6	0.28
(33,2236)	1:66:A:THR:HB	1:96:A:VAL:HG23	6	0.28
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD11	15	0.28
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD12	15	0.28
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD13	15	0.28
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD21	15	0.28
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD22	15	0.28
(33,2176)	1:48:A:ARG:H	1:131:A:LEU:HD23	15	0.28
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD11	2	0.28
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD12	2	0.28
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD13	2	0.28
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD21	2	0.28
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD22	2	0.28
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD23	2	0.28
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD11	3	0.28
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD12	3	0.28
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD13	3	0.28
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD21	3	0.28
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD22	3	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD23	3	0.28
(33,2070)	1:34:A:LYS:HG2	1:81:A:GLU:HB2	10	0.28
(33,2070)	1:34:A:LYS:HG2	1:81:A:GLU:HB3	10	0.28
(33,2070)	1:34:A:LYS:HG3	1:81:A:GLU:HB2	10	0.28
(33,2070)	1:34:A:LYS:HG3	1:81:A:GLU:HB3	10	0.28
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG11	18	0.28
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG12	18	0.28
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG13	18	0.28
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG21	18	0.28
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG22	18	0.28
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG23	18	0.28
(33,1988)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	6	0.28
(33,1988)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	6	0.28
(33,1988)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	6	0.28
(33,1988)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	6	0.28
(33,1988)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	6	0.28
(33,1988)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	6	0.28
(33,1988)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	6	0.28
(33,1988)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	6	0.28
(33,1988)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	6	0.28
(33,1988)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	6	0.28
(33,1988)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	6	0.28
(33,1988)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	6	0.28
(33,1963)	1:12:A:VAL:HA	1:43:A:MET:HG2	5	0.28
(33,1963)	1:12:A:VAL:HA	1:43:A:MET:HG3	5	0.28
(33,1910)	1:12:A:VAL:HG11	1:80:A:TYR:HE1	19	0.28
(33,1910)	1:12:A:VAL:HG11	1:80:A:TYR:HE2	19	0.28
(33,1910)	1:12:A:VAL:HG12	1:80:A:TYR:HE1	19	0.28
(33,1910)	1:12:A:VAL:HG12	1:80:A:TYR:HE2	19	0.28
(33,1910)	1:12:A:VAL:HG13	1:80:A:TYR:HE1	19	0.28
(33,1910)	1:12:A:VAL:HG13	1:80:A:TYR:HE2	19	0.28
(33,1880)	1:68:A:LYS:HA	1:72:A:PHE:HE1	16	0.28
(33,1880)	1:68:A:LYS:HA	1:72:A:PHE:HE2	16	0.28
(33,1791)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	6	0.28
(33,1791)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	6	0.28
(33,1791)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	6	0.28
(33,1791)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	6	0.28
(33,1791)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	6	0.28
(33,1791)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	6	0.28
(33,1757)	1:140:A:LEU:HD11	1:143:A:TRP:HD1	17	0.28
(33,1757)	1:140:A:LEU:HD12	1:143:A:TRP:HD1	17	0.28
(33,1757)	1:140:A:LEU:HD13	1:143:A:TRP:HD1	17	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1749)	1:36:A:PRO:HG2	1:37:A:LEU:HG	4	0.28
(33,1699)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	10	0.28
(33,1697)	1:34:A:LYS:HA	1:35:A:LEU:HB3	6	0.28
(33,1636)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	8	0.28
(33,1636)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	8	0.28
(33,1636)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	8	0.28
(33,1611)	1:149:A:ALA:HB1	1:151:A:PHE:HA	3	0.28
(33,1611)	1:149:A:ALA:HB2	1:151:A:PHE:HA	3	0.28
(33,1611)	1:149:A:ALA:HB3	1:151:A:PHE:HA	3	0.28
(33,1593)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	9	0.28
(33,1593)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	9	0.28
(33,1593)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	9	0.28
(33,1592)	1:119:A:LEU:H	1:121:A:VAL:HG11	18	0.28
(33,1592)	1:119:A:LEU:H	1:121:A:VAL:HG12	18	0.28
(33,1592)	1:119:A:LEU:H	1:121:A:VAL:HG13	18	0.28
(33,1572)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	9	0.28
(33,1572)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	9	0.28
(33,1572)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	9	0.28
(33,1554)	1:11:A:ILE:HD11	1:43:A:MET:H	18	0.28
(33,1554)	1:11:A:ILE:HD12	1:43:A:MET:H	18	0.28
(33,1554)	1:11:A:ILE:HD13	1:43:A:MET:H	18	0.28
(33,1526)	1:76:A:ARG:HG2	1:110:A:MET:HE1	3	0.28
(33,1526)	1:76:A:ARG:HG2	1:110:A:MET:HE2	3	0.28
(33,1526)	1:76:A:ARG:HG2	1:110:A:MET:HE3	3	0.28
(33,1526)	1:76:A:ARG:HG3	1:110:A:MET:HE1	3	0.28
(33,1526)	1:76:A:ARG:HG3	1:110:A:MET:HE2	3	0.28
(33,1526)	1:76:A:ARG:HG3	1:110:A:MET:HE3	3	0.28
(33,1517)	1:110:A:MET:HE1	1:113:A:PHE:HA	6	0.28
(33,1517)	1:110:A:MET:HE2	1:113:A:PHE:HA	6	0.28
(33,1517)	1:110:A:MET:HE3	1:113:A:PHE:HA	6	0.28
(33,1508)	1:69:A:MET:HE1	1:114:A:ILE:H	4	0.28
(33,1508)	1:69:A:MET:HE2	1:114:A:ILE:H	4	0.28
(33,1508)	1:69:A:MET:HE3	1:114:A:ILE:H	4	0.28
(33,1473)	1:101:A:ILE:HG21	1:115:A:ALA:HA	15	0.28
(33,1473)	1:101:A:ILE:HG22	1:115:A:ALA:HA	15	0.28
(33,1473)	1:101:A:ILE:HG23	1:115:A:ALA:HA	15	0.28
(33,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG21	18	0.28
(33,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG22	18	0.28
(33,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG23	18	0.28
(33,1423)	1:69:A:MET:HE1	1:73:A:ILE:HG21	5	0.28
(33,1423)	1:69:A:MET:HE1	1:73:A:ILE:HG22	5	0.28
(33,1423)	1:69:A:MET:HE1	1:73:A:ILE:HG23	5	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1423)	1:69:A:MET:HE2	1:73:A:ILE:HG21	5	0.28
(33,1423)	1:69:A:MET:HE2	1:73:A:ILE:HG22	5	0.28
(33,1423)	1:69:A:MET:HE2	1:73:A:ILE:HG23	5	0.28
(33,1423)	1:69:A:MET:HE3	1:73:A:ILE:HG21	5	0.28
(33,1423)	1:69:A:MET:HE3	1:73:A:ILE:HG22	5	0.28
(33,1423)	1:69:A:MET:HE3	1:73:A:ILE:HG23	5	0.28
(33,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	2	0.28
(33,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	2	0.28
(33,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	2	0.28
(33,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	2	0.28
(33,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	2	0.28
(33,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	2	0.28
(33,1331)	1:64:A:LYS:HA	1:64:A:LYS:HD2	10	0.28
(33,1331)	1:64:A:LYS:HA	1:64:A:LYS:HD3	10	0.28
(33,1175)	1:140:A:LEU:HA	1:140:A:LEU:HD11	5	0.28
(33,1175)	1:140:A:LEU:HA	1:140:A:LEU:HD12	5	0.28
(33,1175)	1:140:A:LEU:HA	1:140:A:LEU:HD13	5	0.28
(33,1154)	1:145:A:PRO:HB2	1:146:A:GLN:HA	4	0.28
(33,1131)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	2	0.28
(33,1131)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	2	0.28
(33,1131)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	2	0.28
(33,1131)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	2	0.28
(33,1131)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	2	0.28
(33,1131)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	2	0.28
(33,982)	1:31:A:PRO:HB2	1:33:A:LYS:H	13	0.28
(33,982)	1:31:A:PRO:HB3	1:33:A:LYS:H	13	0.28
(33,968)	1:96:A:VAL:H	1:96:A:VAL:HB	5	0.28
(33,968)	1:96:A:VAL:H	1:96:A:VAL:HB	16	0.28
(33,956)	1:40:A:LEU:HA	1:43:A:MET:HG2	19	0.28
(33,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	11	0.28
(33,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	11	0.28
(33,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	11	0.28
(33,814)	1:64:A:LYS:H	1:98:A:ILE:HD11	2	0.28
(33,814)	1:64:A:LYS:H	1:98:A:ILE:HD12	2	0.28
(33,814)	1:64:A:LYS:H	1:98:A:ILE:HD13	2	0.28
(33,642)	1:66:A:THR:H	1:69:A:MET:HA	10	0.28
(33,594)	1:28:A:GLY:H	1:29:A:LYS:HG2	12	0.28
(33,594)	1:28:A:GLY:H	1:29:A:LYS:HG3	12	0.28
(33,519)	1:67:A:PRO:HA	1:71:A:LYS:H	13	0.28
(33,377)	1:40:A:LEU:HB3	1:41:A:LYS:H	15	0.28
(33,355)	1:104:A:PHE:H	1:104:A:PHE:HD1	7	0.28
(33,355)	1:104:A:PHE:H	1:104:A:PHE:HD2	7	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,355)	1:104:A:PHE:H	1:104:A:PHE:HD1	9	0.28
(33,355)	1:104:A:PHE:H	1:104:A:PHE:HD2	9	0.28
(33,317)	1:121:A:VAL:H	1:122:A:ASP:HA	11	0.28
(33,129)	1:13:A:ALA:HB1	1:80:A:TYR:H	5	0.28
(33,129)	1:13:A:ALA:HB2	1:80:A:TYR:H	5	0.28
(33,129)	1:13:A:ALA:HB3	1:80:A:TYR:H	5	0.28
(33,113)	1:80:A:TYR:H	1:81:A:GLU:HG2	4	0.28
(33,113)	1:80:A:TYR:H	1:81:A:GLU:HG3	4	0.28
(33,70)	1:81:A:GLU:H	1:81:A:GLU:HG2	19	0.28
(33,70)	1:81:A:GLU:H	1:81:A:GLU:HG3	19	0.28
(33,58)	1:98:A:ILE:H	1:101:A:ILE:HG13	2	0.28
(33,45)	1:98:A:ILE:H	1:105:A:LYS:HA	13	0.28
(33,36)	1:95:A:ILE:HB	1:96:A:VAL:H	6	0.28
(32,2470)	1:140:A:LEU:HD11	1:144:A:LEU:H	10	0.28
(32,2470)	1:140:A:LEU:HD12	1:144:A:LEU:H	10	0.28
(32,2470)	1:140:A:LEU:HD13	1:144:A:LEU:H	10	0.28
(32,2470)	1:140:A:LEU:HD21	1:144:A:LEU:H	10	0.28
(32,2470)	1:140:A:LEU:HD22	1:144:A:LEU:H	10	0.28
(32,2470)	1:140:A:LEU:HD23	1:144:A:LEU:H	10	0.28
(32,2470)	1:140:A:LEU:HD11	1:144:A:LEU:H	16	0.28
(32,2470)	1:140:A:LEU:HD12	1:144:A:LEU:H	16	0.28
(32,2470)	1:140:A:LEU:HD13	1:144:A:LEU:H	16	0.28
(32,2470)	1:140:A:LEU:HD21	1:144:A:LEU:H	16	0.28
(32,2470)	1:140:A:LEU:HD22	1:144:A:LEU:H	16	0.28
(32,2470)	1:140:A:LEU:HD23	1:144:A:LEU:H	16	0.28
(32,2461)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	7	0.28
(32,2461)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	7	0.28
(32,2461)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	7	0.28
(32,2461)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	7	0.28
(32,2461)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	7	0.28
(32,2461)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	7	0.28
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD11	5	0.28
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD12	5	0.28
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD13	5	0.28
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD21	5	0.28
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD22	5	0.28
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD23	5	0.28
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD11	17	0.28
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD12	17	0.28
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD13	17	0.28
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD21	17	0.28
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD22	17	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD23	17	0.28
(32,2414)	1:129:A:LYS:HG2	1:130:A:GLY:H	8	0.28
(32,2414)	1:129:A:LYS:HG3	1:130:A:GLY:H	8	0.28
(32,2365)	1:116:A:GLN:HG2	1:117:A:VAL:HA	18	0.28
(32,2365)	1:116:A:GLN:HG3	1:117:A:VAL:HA	18	0.28
(32,2322)	1:107:A:LEU:H	1:107:A:LEU:HD11	17	0.28
(32,2322)	1:107:A:LEU:H	1:107:A:LEU:HD12	17	0.28
(32,2322)	1:107:A:LEU:H	1:107:A:LEU:HD13	17	0.28
(32,2322)	1:107:A:LEU:H	1:107:A:LEU:HD21	17	0.28
(32,2322)	1:107:A:LEU:H	1:107:A:LEU:HD22	17	0.28
(32,2322)	1:107:A:LEU:H	1:107:A:LEU:HD23	17	0.28
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD11	3	0.28
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD12	3	0.28
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD13	3	0.28
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD21	3	0.28
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD22	3	0.28
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD23	3	0.28
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD11	4	0.28
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD12	4	0.28
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD13	4	0.28
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD21	4	0.28
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD22	4	0.28
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD23	4	0.28
(32,2289)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	4	0.28
(32,2289)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	4	0.28
(32,2289)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	4	0.28
(32,2289)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	4	0.28
(32,2289)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	4	0.28
(32,2289)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	4	0.28
(32,2289)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	4	0.28
(32,2289)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	4	0.28
(32,2289)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	4	0.28
(32,2289)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	4	0.28
(32,2289)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	4	0.28
(32,2289)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	4	0.28
(32,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	16	0.28
(32,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	16	0.28
(32,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	16	0.28
(32,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	16	0.28
(32,2195)	1:60:A:LEU:HD11	1:120:A:CYS:HA	6	0.28
(32,2195)	1:60:A:LEU:HD12	1:120:A:CYS:HA	6	0.28
(32,2195)	1:60:A:LEU:HD13	1:120:A:CYS:HA	6	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2195)	1:60:A:LEU:HD21	1:120:A:CYS:HA	6	0.28
(32,2195)	1:60:A:LEU:HD22	1:120:A:CYS:HA	6	0.28
(32,2195)	1:60:A:LEU:HD23	1:120:A:CYS:HA	6	0.28
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD11	15	0.28
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD12	15	0.28
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD13	15	0.28
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD21	15	0.28
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD22	15	0.28
(32,2167)	1:48:A:ARG:H	1:131:A:LEU:HD23	15	0.28
(32,2142)	1:44:A:GLU:HG2	1:45:A:ALA:H	11	0.28
(32,2142)	1:44:A:GLU:HG3	1:45:A:ALA:H	11	0.28
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD11	16	0.28
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD12	16	0.28
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD13	16	0.28
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD21	16	0.28
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD22	16	0.28
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD23	16	0.28
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD11	16	0.28
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD12	16	0.28
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD13	16	0.28
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD21	16	0.28
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD22	16	0.28
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD23	16	0.28
(32,2097)	1:39:A:VAL:HG11	1:140:A:LEU:HG	14	0.28
(32,2097)	1:39:A:VAL:HG12	1:140:A:LEU:HG	14	0.28
(32,2097)	1:39:A:VAL:HG13	1:140:A:LEU:HG	14	0.28
(32,2097)	1:39:A:VAL:HG21	1:140:A:LEU:HG	14	0.28
(32,2097)	1:39:A:VAL:HG22	1:140:A:LEU:HG	14	0.28
(32,2097)	1:39:A:VAL:HG23	1:140:A:LEU:HG	14	0.28
(32,2006)	1:23:A:LEU:HD11	1:25:A:ALA:H	10	0.28
(32,2006)	1:23:A:LEU:HD12	1:25:A:ALA:H	10	0.28
(32,2006)	1:23:A:LEU:HD13	1:25:A:ALA:H	10	0.28
(32,2006)	1:23:A:LEU:HD21	1:25:A:ALA:H	10	0.28
(32,2006)	1:23:A:LEU:HD22	1:25:A:ALA:H	10	0.28
(32,2006)	1:23:A:LEU:HD23	1:25:A:ALA:H	10	0.28
(32,1906)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	1	0.28
(32,1906)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	1	0.28
(32,1906)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	1	0.28
(32,1906)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	1	0.28
(32,1906)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	1	0.28
(32,1906)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	1	0.28
(32,1887)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	7	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1887)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	7	0.28
(32,1887)	1:8:A:ASP:HB3	1:9:A:PHE:HD1	7	0.28
(32,1887)	1:8:A:ASP:HB3	1:9:A:PHE:HD2	7	0.28
(32,1881)	1:140:A:LEU:HD11	1:143:A:TRP:HD1	17	0.28
(32,1881)	1:140:A:LEU:HD12	1:143:A:TRP:HD1	17	0.28
(32,1881)	1:140:A:LEU:HD13	1:143:A:TRP:HD1	17	0.28
(32,1853)	1:104:A:PHE:HE1	1:113:A:PHE:HA	5	0.28
(32,1853)	1:104:A:PHE:HE2	1:113:A:PHE:HA	5	0.28
(32,1770)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	12	0.28
(32,1770)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	12	0.28
(32,1770)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	12	0.28
(32,1770)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	12	0.28
(32,1770)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	12	0.28
(32,1770)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	12	0.28
(32,1714)	1:36:A:PRO:HG2	1:37:A:LEU:HG	4	0.28
(32,1659)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	10	0.28
(32,1658)	1:34:A:LYS:HA	1:35:A:LEU:HB3	6	0.28
(32,1654)	1:43:A:MET:HG2	1:43:A:MET:HE1	7	0.28
(32,1654)	1:43:A:MET:HG2	1:43:A:MET:HE2	7	0.28
(32,1654)	1:43:A:MET:HG2	1:43:A:MET:HE3	7	0.28
(32,1654)	1:43:A:MET:HG2	1:43:A:MET:HE1	8	0.28
(32,1654)	1:43:A:MET:HG2	1:43:A:MET:HE2	8	0.28
(32,1654)	1:43:A:MET:HG2	1:43:A:MET:HE3	8	0.28
(32,1566)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	9	0.28
(32,1566)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	9	0.28
(32,1566)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	9	0.28
(32,1512)	1:38:A:GLU:HA	1:139:A:LEU:HD21	8	0.28
(32,1512)	1:38:A:GLU:HA	1:139:A:LEU:HD22	8	0.28
(32,1512)	1:38:A:GLU:HA	1:139:A:LEU:HD23	8	0.28
(32,1495)	1:76:A:ARG:HG2	1:110:A:MET:HE1	16	0.28
(32,1495)	1:76:A:ARG:HG2	1:110:A:MET:HE2	16	0.28
(32,1495)	1:76:A:ARG:HG2	1:110:A:MET:HE3	16	0.28
(32,1495)	1:76:A:ARG:HG3	1:110:A:MET:HE1	16	0.28
(32,1495)	1:76:A:ARG:HG3	1:110:A:MET:HE2	16	0.28
(32,1495)	1:76:A:ARG:HG3	1:110:A:MET:HE3	16	0.28
(32,1493)	1:69:A:MET:HE1	1:76:A:ARG:HG2	10	0.28
(32,1493)	1:69:A:MET:HE1	1:76:A:ARG:HG3	10	0.28
(32,1493)	1:69:A:MET:HE2	1:76:A:ARG:HG2	10	0.28
(32,1493)	1:69:A:MET:HE2	1:76:A:ARG:HG3	10	0.28
(32,1493)	1:69:A:MET:HE3	1:76:A:ARG:HG2	10	0.28
(32,1493)	1:69:A:MET:HE3	1:76:A:ARG:HG3	10	0.28
(32,1486)	1:110:A:MET:HE1	1:113:A:PHE:HA	6	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1486)	1:110:A:MET:HE2	1:113:A:PHE:HA	6	0.28
(32,1486)	1:110:A:MET:HE3	1:113:A:PHE:HA	6	0.28
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE1	5	0.28
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE2	5	0.28
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE3	5	0.28
(32,1441)	1:101:A:ILE:HG21	1:115:A:ALA:HA	15	0.28
(32,1441)	1:101:A:ILE:HG22	1:115:A:ALA:HA	15	0.28
(32,1441)	1:101:A:ILE:HG23	1:115:A:ALA:HA	15	0.28
(32,1440)	1:101:A:ILE:HG21	1:116:A:GLN:H	4	0.28
(32,1440)	1:101:A:ILE:HG22	1:116:A:GLN:H	4	0.28
(32,1440)	1:101:A:ILE:HG23	1:116:A:GLN:H	4	0.28
(32,1440)	1:101:A:ILE:HG21	1:116:A:GLN:H	9	0.28
(32,1440)	1:101:A:ILE:HG22	1:116:A:GLN:H	9	0.28
(32,1440)	1:101:A:ILE:HG23	1:116:A:GLN:H	9	0.28
(32,1440)	1:101:A:ILE:HG21	1:116:A:GLN:H	13	0.28
(32,1440)	1:101:A:ILE:HG22	1:116:A:GLN:H	13	0.28
(32,1440)	1:101:A:ILE:HG23	1:116:A:GLN:H	13	0.28
(32,1422)	1:13:A:ALA:HB1	1:79:A:THR:HB	10	0.28
(32,1422)	1:13:A:ALA:HB2	1:79:A:THR:HB	10	0.28
(32,1422)	1:13:A:ALA:HB3	1:79:A:THR:HB	10	0.28
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD11	12	0.28
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD12	12	0.28
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD13	12	0.28
(32,1321)	1:13:A:ALA:H	1:79:A:THR:HG21	18	0.28
(32,1321)	1:13:A:ALA:H	1:79:A:THR:HG22	18	0.28
(32,1321)	1:13:A:ALA:H	1:79:A:THR:HG23	18	0.28
(32,1316)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	2	0.28
(32,1316)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	2	0.28
(32,1316)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	2	0.28
(32,1316)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	2	0.28
(32,1316)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	2	0.28
(32,1316)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	2	0.28
(32,1299)	1:64:A:LYS:HA	1:64:A:LYS:HD2	10	0.28
(32,1299)	1:64:A:LYS:HA	1:64:A:LYS:HD3	10	0.28
(32,1237)	1:15:A:ALA:HA	1:131:A:LEU:HB2	15	0.28
(32,1198)	1:140:A:LEU:HA	1:140:A:LEU:HD11	5	0.28
(32,1198)	1:140:A:LEU:HA	1:140:A:LEU:HD12	5	0.28
(32,1198)	1:140:A:LEU:HA	1:140:A:LEU:HD13	5	0.28
(32,1116)	1:13:A:ALA:HB1	1:80:A:TYR:HA	1	0.28
(32,1116)	1:13:A:ALA:HB2	1:80:A:TYR:HA	1	0.28
(32,1116)	1:13:A:ALA:HB3	1:80:A:TYR:HA	1	0.28
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD11	15	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD12	15	0.28
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD13	15	0.28
(32,986)	1:81:A:GLU:H	1:81:A:GLU:HB2	13	0.28
(32,900)	1:81:A:GLU:HA	1:81:A:GLU:HG2	13	0.28
(32,900)	1:81:A:GLU:HA	1:81:A:GLU:HG3	13	0.28
(32,824)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	16	0.28
(32,824)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	16	0.28
(32,824)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	16	0.28
(32,793)	1:64:A:LYS:H	1:98:A:ILE:HD11	2	0.28
(32,793)	1:64:A:LYS:H	1:98:A:ILE:HD12	2	0.28
(32,793)	1:64:A:LYS:H	1:98:A:ILE:HD13	2	0.28
(32,628)	1:66:A:THR:H	1:69:A:MET:HA	10	0.28
(32,616)	1:9:A:PHE:HD1	1:58:A:ILE:H	10	0.28
(32,616)	1:9:A:PHE:HD2	1:58:A:ILE:H	10	0.28
(32,579)	1:28:A:GLY:H	1:29:A:LYS:HG2	12	0.28
(32,579)	1:28:A:GLY:H	1:29:A:LYS:HG3	12	0.28
(32,548)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	1	0.28
(32,548)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	1	0.28
(32,548)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	1	0.28
(32,306)	1:121:A:VAL:H	1:122:A:ASP:HA	11	0.28
(32,128)	1:13:A:ALA:HB1	1:80:A:TYR:H	5	0.28
(32,128)	1:13:A:ALA:HB2	1:80:A:TYR:H	5	0.28
(32,128)	1:13:A:ALA:HB3	1:80:A:TYR:H	5	0.28
(32,74)	1:28:A:GLY:HA2	1:30:A:LEU:H	15	0.28
(32,74)	1:28:A:GLY:HA3	1:30:A:LEU:H	15	0.28
(32,49)	1:98:A:ILE:H	1:101:A:ILE:HG13	15	0.28
(32,15)	1:94:A:ALA:H	1:94:A:ALA:HB1	6	0.28
(32,15)	1:94:A:ALA:H	1:94:A:ALA:HB2	6	0.28
(32,15)	1:94:A:ALA:H	1:94:A:ALA:HB3	6	0.28
(30,2458)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	3	0.28
(30,2458)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	3	0.28
(30,2458)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	3	0.28
(30,2458)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	3	0.28
(30,2458)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	3	0.28
(30,2458)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	3	0.28
(30,2458)	1:140:A:LEU:HD11	1:144:A:LEU:HB3	3	0.28
(30,2458)	1:140:A:LEU:HD12	1:144:A:LEU:HB3	3	0.28
(30,2458)	1:140:A:LEU:HD13	1:144:A:LEU:HB3	3	0.28
(30,2458)	1:140:A:LEU:HD21	1:144:A:LEU:HB3	3	0.28
(30,2458)	1:140:A:LEU:HD22	1:144:A:LEU:HB3	3	0.28
(30,2458)	1:140:A:LEU:HD23	1:144:A:LEU:HB3	3	0.28
(30,2457)	1:140:A:LEU:HD11	1:144:A:LEU:H	5	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2457)	1:140:A:LEU:HD12	1:144:A:LEU:H	5	0.28
(30,2457)	1:140:A:LEU:HD13	1:144:A:LEU:H	5	0.28
(30,2457)	1:140:A:LEU:HD21	1:144:A:LEU:H	5	0.28
(30,2457)	1:140:A:LEU:HD22	1:144:A:LEU:H	5	0.28
(30,2457)	1:140:A:LEU:HD23	1:144:A:LEU:H	5	0.28
(30,2449)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	7	0.28
(30,2449)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	7	0.28
(30,2449)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	7	0.28
(30,2449)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	7	0.28
(30,2449)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	7	0.28
(30,2449)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	7	0.28
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD11	8	0.28
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD12	8	0.28
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD13	8	0.28
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD21	8	0.28
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD22	8	0.28
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD23	8	0.28
(30,2339)	1:107:A:LEU:HA	1:108:A:GLU:HG2	1	0.28
(30,2339)	1:107:A:LEU:HA	1:108:A:GLU:HG3	1	0.28
(30,2339)	1:107:A:LEU:HA	1:108:A:GLU:HG2	3	0.28
(30,2339)	1:107:A:LEU:HA	1:108:A:GLU:HG3	3	0.28
(30,2286)	1:79:A:THR:HG21	1:81:A:GLU:HB2	10	0.28
(30,2286)	1:79:A:THR:HG21	1:81:A:GLU:HB3	10	0.28
(30,2286)	1:79:A:THR:HG22	1:81:A:GLU:HB2	10	0.28
(30,2286)	1:79:A:THR:HG22	1:81:A:GLU:HB3	10	0.28
(30,2286)	1:79:A:THR:HG23	1:81:A:GLU:HB2	10	0.28
(30,2286)	1:79:A:THR:HG23	1:81:A:GLU:HB3	10	0.28
(30,2277)	1:75:A:GLY:HA2	1:77:A:CYS:HB2	2	0.28
(30,2277)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	2	0.28
(30,2236)	1:66:A:THR:HB	1:96:A:VAL:HG11	6	0.28
(30,2236)	1:66:A:THR:HB	1:96:A:VAL:HG12	6	0.28
(30,2236)	1:66:A:THR:HB	1:96:A:VAL:HG13	6	0.28
(30,2236)	1:66:A:THR:HB	1:96:A:VAL:HG21	6	0.28
(30,2236)	1:66:A:THR:HB	1:96:A:VAL:HG22	6	0.28
(30,2236)	1:66:A:THR:HB	1:96:A:VAL:HG23	6	0.28
(30,2198)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	17	0.28
(30,2198)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	17	0.28
(30,2198)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	17	0.28
(30,2198)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	17	0.28
(30,2198)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	17	0.28
(30,2198)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	17	0.28
(30,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	10	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	10	0.28
(30,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	10	0.28
(30,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD21	10	0.28
(30,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD22	10	0.28
(30,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD23	10	0.28
(30,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	10	0.28
(30,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	10	0.28
(30,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	10	0.28
(30,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD21	10	0.28
(30,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD22	10	0.28
(30,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD23	10	0.28
(30,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	10	0.28
(30,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	10	0.28
(30,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	10	0.28
(30,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD21	10	0.28
(30,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD22	10	0.28
(30,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD23	10	0.28
(30,2114)	1:39:A:VAL:HA	1:140:A:LEU:HD11	13	0.28
(30,2114)	1:39:A:VAL:HA	1:140:A:LEU:HD12	13	0.28
(30,2114)	1:39:A:VAL:HA	1:140:A:LEU:HD13	13	0.28
(30,2114)	1:39:A:VAL:HA	1:140:A:LEU:HD21	13	0.28
(30,2114)	1:39:A:VAL:HA	1:140:A:LEU:HD22	13	0.28
(30,2114)	1:39:A:VAL:HA	1:140:A:LEU:HD23	13	0.28
(30,1946)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	1	0.28
(30,1946)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	1	0.28
(30,1946)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	1	0.28
(30,1946)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	1	0.28
(30,1946)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	1	0.28
(30,1946)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	1	0.28
(30,1915)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	5	0.28
(30,1886)	1:104:A:PHE:HE1	1:113:A:PHE:HA	5	0.28
(30,1886)	1:104:A:PHE:HE2	1:113:A:PHE:HA	5	0.28
(30,1809)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	12	0.28
(30,1809)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	12	0.28
(30,1809)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	12	0.28
(30,1809)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	12	0.28
(30,1809)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	12	0.28
(30,1809)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	12	0.28
(30,1746)	1:31:A:PRO:HB2	1:35:A:LEU:HA	2	0.28
(30,1746)	1:31:A:PRO:HB3	1:35:A:LEU:HA	2	0.28
(30,1653)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	8	0.28
(30,1653)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	8	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1653)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	8	0.28
(30,1622)	1:149:A:ALA:HB1	1:151:A:PHE:HA	3	0.28
(30,1622)	1:149:A:ALA:HB2	1:151:A:PHE:HA	3	0.28
(30,1622)	1:149:A:ALA:HB3	1:151:A:PHE:HA	3	0.28
(30,1606)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	9	0.28
(30,1606)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	9	0.28
(30,1606)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	9	0.28
(30,1566)	1:11:A:ILE:HD11	1:43:A:MET:H	18	0.28
(30,1566)	1:11:A:ILE:HD12	1:43:A:MET:H	18	0.28
(30,1566)	1:11:A:ILE:HD13	1:43:A:MET:H	18	0.28
(30,1523)	1:110:A:MET:HE1	1:113:A:PHE:HA	6	0.28
(30,1523)	1:110:A:MET:HE2	1:113:A:PHE:HA	6	0.28
(30,1523)	1:110:A:MET:HE3	1:113:A:PHE:HA	6	0.28
(30,1490)	1:114:A:ILE:HG21	1:117:A:VAL:H	2	0.28
(30,1490)	1:114:A:ILE:HG22	1:117:A:VAL:H	2	0.28
(30,1490)	1:114:A:ILE:HG23	1:117:A:VAL:H	2	0.28
(30,1438)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	6	0.28
(30,1438)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	6	0.28
(30,1438)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	6	0.28
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG11	9	0.28
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG12	9	0.28
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG13	9	0.28
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG11	17	0.28
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG12	17	0.28
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG13	17	0.28
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG11	19	0.28
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG12	19	0.28
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG13	19	0.28
(30,1350)	1:13:A:ALA:H	1:79:A:THR:HG21	18	0.28
(30,1350)	1:13:A:ALA:H	1:79:A:THR:HG22	18	0.28
(30,1350)	1:13:A:ALA:H	1:79:A:THR:HG23	18	0.28
(30,1347)	1:141:A:LYS:HB2	1:149:A:ALA:HA	11	0.28
(30,1347)	1:141:A:LYS:HB3	1:149:A:ALA:HA	11	0.28
(30,1177)	1:129:A:LYS:HA	1:129:A:LYS:HG2	3	0.28
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD11	6	0.28
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD12	6	0.28
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD13	6	0.28
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD11	16	0.28
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD12	16	0.28
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD13	16	0.28
(30,1123)	1:140:A:LEU:HA	1:144:A:LEU:HD21	17	0.28
(30,1123)	1:140:A:LEU:HA	1:144:A:LEU:HD22	17	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1123)	1:140:A:LEU:HA	1:144:A:LEU:HD23	17	0.28
(30,1043)	1:70:A:LYS:H	1:70:A:LYS:HD2	6	0.28
(30,1031)	1:11:A:ILE:HA	1:11:A:ILE:HD11	11	0.28
(30,1031)	1:11:A:ILE:HA	1:11:A:ILE:HD12	11	0.28
(30,1031)	1:11:A:ILE:HA	1:11:A:ILE:HD13	11	0.28
(30,970)	1:31:A:PRO:HB2	1:33:A:LYS:H	13	0.28
(30,970)	1:31:A:PRO:HB3	1:33:A:LYS:H	13	0.28
(30,924)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	2	0.28
(30,924)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	2	0.28
(30,922)	1:34:A:LYS:H	1:81:A:GLU:HG2	5	0.28
(30,922)	1:34:A:LYS:H	1:81:A:GLU:HG3	5	0.28
(30,808)	1:64:A:LYS:H	1:98:A:ILE:HD11	2	0.28
(30,808)	1:64:A:LYS:H	1:98:A:ILE:HD12	2	0.28
(30,808)	1:64:A:LYS:H	1:98:A:ILE:HD13	2	0.28
(30,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	8	0.28
(30,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	8	0.28
(30,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	8	0.28
(30,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	8	0.28
(30,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	8	0.28
(30,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	8	0.28
(30,640)	1:66:A:THR:H	1:69:A:MET:HA	10	0.28
(30,560)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	1	0.28
(30,560)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	1	0.28
(30,560)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	1	0.28
(30,518)	1:67:A:PRO:HA	1:71:A:LYS:H	13	0.28
(30,133)	1:13:A:ALA:HB1	1:80:A:TYR:H	5	0.28
(30,133)	1:13:A:ALA:HB2	1:80:A:TYR:H	5	0.28
(30,133)	1:13:A:ALA:HB3	1:80:A:TYR:H	5	0.28
(30,92)	1:96:A:VAL:H	1:97:A:ASP:H	10	0.28
(30,12)	1:64:A:LYS:H	1:116:A:GLN:HG2	10	0.28
(29,2229)	1:66:A:THR:HB	1:96:A:VAL:HG11	6	0.28
(29,2229)	1:66:A:THR:HB	1:96:A:VAL:HG12	6	0.28
(29,2229)	1:66:A:THR:HB	1:96:A:VAL:HG13	6	0.28
(29,2229)	1:66:A:THR:HB	1:96:A:VAL:HG21	6	0.28
(29,2229)	1:66:A:THR:HB	1:96:A:VAL:HG22	6	0.28
(29,2229)	1:66:A:THR:HB	1:96:A:VAL:HG23	6	0.28
(29,2166)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	10	0.28
(29,2166)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	10	0.28
(29,2166)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	10	0.28
(29,2166)	1:47:A:ALA:HB1	1:57:A:LEU:HD21	10	0.28
(29,2166)	1:47:A:ALA:HB1	1:57:A:LEU:HD22	10	0.28
(29,2166)	1:47:A:ALA:HB1	1:57:A:LEU:HD23	10	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2166)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	10	0.28
(29,2166)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	10	0.28
(29,2166)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	10	0.28
(29,2166)	1:47:A:ALA:HB2	1:57:A:LEU:HD21	10	0.28
(29,2166)	1:47:A:ALA:HB2	1:57:A:LEU:HD22	10	0.28
(29,2166)	1:47:A:ALA:HB2	1:57:A:LEU:HD23	10	0.28
(29,2166)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	10	0.28
(29,2166)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	10	0.28
(29,2166)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	10	0.28
(29,2166)	1:47:A:ALA:HB3	1:57:A:LEU:HD21	10	0.28
(29,2166)	1:47:A:ALA:HB3	1:57:A:LEU:HD22	10	0.28
(29,2166)	1:47:A:ALA:HB3	1:57:A:LEU:HD23	10	0.28
(29,2144)	1:40:A:LEU:HD11	1:44:A:GLU:HG2	19	0.28
(29,2144)	1:40:A:LEU:HD12	1:44:A:GLU:HG2	19	0.28
(29,2144)	1:40:A:LEU:HD13	1:44:A:GLU:HG2	19	0.28
(29,2144)	1:40:A:LEU:HD21	1:44:A:GLU:HG2	19	0.28
(29,2144)	1:40:A:LEU:HD22	1:44:A:GLU:HG2	19	0.28
(29,2144)	1:40:A:LEU:HD23	1:44:A:GLU:HG2	19	0.28
(29,2120)	1:39:A:VAL:HG11	1:42:A:GLU:HB2	1	0.28
(29,2120)	1:39:A:VAL:HG11	1:42:A:GLU:HB3	1	0.28
(29,2120)	1:39:A:VAL:HG12	1:42:A:GLU:HB2	1	0.28
(29,2120)	1:39:A:VAL:HG12	1:42:A:GLU:HB3	1	0.28
(29,2120)	1:39:A:VAL:HG13	1:42:A:GLU:HB2	1	0.28
(29,2120)	1:39:A:VAL:HG13	1:42:A:GLU:HB3	1	0.28
(29,2120)	1:39:A:VAL:HG21	1:42:A:GLU:HB2	1	0.28
(29,2120)	1:39:A:VAL:HG21	1:42:A:GLU:HB3	1	0.28
(29,2120)	1:39:A:VAL:HG22	1:42:A:GLU:HB2	1	0.28
(29,2120)	1:39:A:VAL:HG22	1:42:A:GLU:HB3	1	0.28
(29,2120)	1:39:A:VAL:HG23	1:42:A:GLU:HB2	1	0.28
(29,2120)	1:39:A:VAL:HG23	1:42:A:GLU:HB3	1	0.28
(29,2120)	1:39:A:VAL:HG11	1:42:A:GLU:HB2	7	0.28
(29,2120)	1:39:A:VAL:HG11	1:42:A:GLU:HB3	7	0.28
(29,2120)	1:39:A:VAL:HG12	1:42:A:GLU:HB2	7	0.28
(29,2120)	1:39:A:VAL:HG12	1:42:A:GLU:HB3	7	0.28
(29,2120)	1:39:A:VAL:HG13	1:42:A:GLU:HB2	7	0.28
(29,2120)	1:39:A:VAL:HG13	1:42:A:GLU:HB3	7	0.28
(29,2120)	1:39:A:VAL:HG21	1:42:A:GLU:HB2	7	0.28
(29,2120)	1:39:A:VAL:HG21	1:42:A:GLU:HB3	7	0.28
(29,2120)	1:39:A:VAL:HG22	1:42:A:GLU:HB2	7	0.28
(29,2120)	1:39:A:VAL:HG22	1:42:A:GLU:HB3	7	0.28
(29,2120)	1:39:A:VAL:HG23	1:42:A:GLU:HB2	7	0.28
(29,2120)	1:39:A:VAL:HG23	1:42:A:GLU:HB3	7	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2067)	1:29:A:LYS:HA	1:30:A:LEU:HD11	2	0.28
(29,2067)	1:29:A:LYS:HA	1:30:A:LEU:HD12	2	0.28
(29,2067)	1:29:A:LYS:HA	1:30:A:LEU:HD13	2	0.28
(29,2067)	1:29:A:LYS:HA	1:30:A:LEU:HD21	2	0.28
(29,2067)	1:29:A:LYS:HA	1:30:A:LEU:HD22	2	0.28
(29,2067)	1:29:A:LYS:HA	1:30:A:LEU:HD23	2	0.28
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	18	0.28
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	18	0.28
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	18	0.28
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	18	0.28
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	18	0.28
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	18	0.28
(29,1925)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	2	0.28
(29,1925)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	2	0.28
(29,1925)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	2	0.28
(29,1925)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	2	0.28
(29,1925)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	2	0.28
(29,1925)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	2	0.28
(29,1918)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	17	0.28
(29,1918)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	17	0.28
(29,1918)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	17	0.28
(29,1918)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	17	0.28
(29,1852)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	16	0.28
(29,1852)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	16	0.28
(29,1852)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	17	0.28
(29,1852)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	17	0.28
(29,1775)	1:36:A:PRO:HG2	1:37:A:LEU:HG	4	0.28
(29,1724)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	10	0.28
(29,1722)	1:34:A:LYS:HA	1:35:A:LEU:HB3	6	0.28
(29,1718)	1:43:A:MET:HG2	1:43:A:MET:HE1	7	0.28
(29,1718)	1:43:A:MET:HG2	1:43:A:MET:HE2	7	0.28
(29,1718)	1:43:A:MET:HG2	1:43:A:MET:HE3	7	0.28
(29,1718)	1:43:A:MET:HG2	1:43:A:MET:HE1	8	0.28
(29,1718)	1:43:A:MET:HG2	1:43:A:MET:HE2	8	0.28
(29,1718)	1:43:A:MET:HG2	1:43:A:MET:HE3	8	0.28
(29,1680)	1:69:A:MET:HE1	1:116:A:GLN:HG3	17	0.28
(29,1680)	1:69:A:MET:HE2	1:116:A:GLN:HG3	17	0.28
(29,1680)	1:69:A:MET:HE3	1:116:A:GLN:HG3	17	0.28
(29,1651)	1:26:A:ASP:HA	1:27:A:ARG:HB2	11	0.28
(29,1634)	1:149:A:ALA:HB1	1:151:A:PHE:HA	3	0.28
(29,1634)	1:149:A:ALA:HB2	1:151:A:PHE:HA	3	0.28
(29,1634)	1:149:A:ALA:HB3	1:151:A:PHE:HA	3	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	9	0.28
(29,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	9	0.28
(29,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	9	0.28
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	18	0.28
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	18	0.28
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	18	0.28
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	18	0.28
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	18	0.28
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	18	0.28
(29,1577)	1:11:A:ILE:HD11	1:43:A:MET:H	18	0.28
(29,1577)	1:11:A:ILE:HD12	1:43:A:MET:H	18	0.28
(29,1577)	1:11:A:ILE:HD13	1:43:A:MET:H	18	0.28
(29,1548)	1:76:A:ARG:HG2	1:110:A:MET:HE1	16	0.28
(29,1548)	1:76:A:ARG:HG2	1:110:A:MET:HE2	16	0.28
(29,1548)	1:76:A:ARG:HG2	1:110:A:MET:HE3	16	0.28
(29,1548)	1:76:A:ARG:HG3	1:110:A:MET:HE1	16	0.28
(29,1548)	1:76:A:ARG:HG3	1:110:A:MET:HE2	16	0.28
(29,1548)	1:76:A:ARG:HG3	1:110:A:MET:HE3	16	0.28
(29,1538)	1:110:A:MET:HE1	1:113:A:PHE:HA	6	0.28
(29,1538)	1:110:A:MET:HE2	1:113:A:PHE:HA	6	0.28
(29,1538)	1:110:A:MET:HE3	1:113:A:PHE:HA	6	0.28
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE1	9	0.28
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE2	9	0.28
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE3	9	0.28
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE1	10	0.28
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE2	10	0.28
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE3	10	0.28
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE1	3	0.28
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE2	3	0.28
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE3	3	0.28
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE1	7	0.28
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE2	7	0.28
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE3	7	0.28
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE1	19	0.28
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE2	19	0.28
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE3	19	0.28
(29,1489)	1:101:A:ILE:HG21	1:115:A:ALA:HA	15	0.28
(29,1489)	1:101:A:ILE:HG22	1:115:A:ALA:HA	15	0.28
(29,1489)	1:101:A:ILE:HG23	1:115:A:ALA:HA	15	0.28
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB2	18	0.28
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB3	18	0.28
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB2	18	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB3	18	0.28
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB2	18	0.28
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB3	18	0.28
(29,1359)	1:13:A:ALA:H	1:79:A:THR:HG21	18	0.28
(29,1359)	1:13:A:ALA:H	1:79:A:THR:HG22	18	0.28
(29,1359)	1:13:A:ALA:H	1:79:A:THR:HG23	18	0.28
(29,1353)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	2	0.28
(29,1353)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	2	0.28
(29,1353)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	2	0.28
(29,1353)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	2	0.28
(29,1353)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	2	0.28
(29,1353)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	2	0.28
(29,1338)	1:64:A:LYS:HA	1:64:A:LYS:HD2	10	0.28
(29,1338)	1:64:A:LYS:HA	1:64:A:LYS:HD3	10	0.28
(29,1245)	1:136:A:CYS:HA	1:140:A:LEU:HD11	3	0.28
(29,1245)	1:136:A:CYS:HA	1:140:A:LEU:HD12	3	0.28
(29,1245)	1:136:A:CYS:HA	1:140:A:LEU:HD13	3	0.28
(29,1243)	1:140:A:LEU:HA	1:144:A:LEU:HD21	17	0.28
(29,1243)	1:140:A:LEU:HA	1:144:A:LEU:HD22	17	0.28
(29,1243)	1:140:A:LEU:HA	1:144:A:LEU:HD23	17	0.28
(29,1236)	1:110:A:MET:HA	1:113:A:PHE:HB2	19	0.28
(29,1193)	1:129:A:LYS:HA	1:129:A:LYS:HG2	3	0.28
(29,1166)	1:13:A:ALA:HB1	1:80:A:TYR:HA	1	0.28
(29,1166)	1:13:A:ALA:HB2	1:80:A:TYR:HA	1	0.28
(29,1166)	1:13:A:ALA:HB3	1:80:A:TYR:HA	1	0.28
(29,1163)	1:145:A:PRO:HB2	1:146:A:GLN:HA	4	0.28
(29,1112)	1:116:A:GLN:HA	1:119:A:LEU:HD11	8	0.28
(29,1112)	1:116:A:GLN:HA	1:119:A:LEU:HD12	8	0.28
(29,1112)	1:116:A:GLN:HA	1:119:A:LEU:HD13	8	0.28
(29,1100)	1:70:A:LYS:HA	1:70:A:LYS:HE2	3	0.28
(29,1100)	1:70:A:LYS:HA	1:70:A:LYS:HE3	3	0.28
(29,1068)	1:70:A:LYS:H	1:70:A:LYS:HD2	6	0.28
(29,989)	1:31:A:PRO:HB2	1:33:A:LYS:H	13	0.28
(29,989)	1:31:A:PRO:HB3	1:33:A:LYS:H	13	0.28
(29,926)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	9	0.28
(29,926)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	9	0.28
(29,926)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	9	0.28
(29,847)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	8	0.28
(29,847)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	8	0.28
(29,847)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	8	0.28
(29,847)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	8	0.28
(29,847)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	8	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,847)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	8	0.28
(29,827)	1:64:A:LYS:H	1:98:A:ILE:HD11	2	0.28
(29,827)	1:64:A:LYS:H	1:98:A:ILE:HD12	2	0.28
(29,827)	1:64:A:LYS:H	1:98:A:ILE:HD13	2	0.28
(29,798)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	8	0.28
(29,798)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	8	0.28
(29,798)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	8	0.28
(29,798)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	8	0.28
(29,798)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	8	0.28
(29,798)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	8	0.28
(29,591)	1:126:A:GLY:H	1:128:A:LEU:HB2	16	0.28
(29,563)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	1	0.28
(29,563)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	1	0.28
(29,563)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	1	0.28
(29,374)	1:40:A:LEU:HB3	1:41:A:LYS:H	19	0.28
(29,296)	1:43:A:MET:H	1:43:A:MET:HG3	3	0.28
(29,296)	1:43:A:MET:H	1:43:A:MET:HG3	14	0.28
(29,263)	1:27:A:ARG:HB3	1:29:A:LYS:H	16	0.28
(29,150)	1:58:A:ILE:HG13	1:59:A:CYS:H	10	0.28
(29,118)	1:80:A:TYR:H	1:81:A:GLU:HG2	6	0.28
(29,118)	1:80:A:TYR:H	1:81:A:GLU:HG3	6	0.28
(29,108)	1:69:A:MET:H	1:69:A:MET:HE1	7	0.28
(29,108)	1:69:A:MET:H	1:69:A:MET:HE2	7	0.28
(29,108)	1:69:A:MET:H	1:69:A:MET:HE3	7	0.28
(29,67)	1:81:A:GLU:H	1:81:A:GLU:HG2	19	0.28
(29,67)	1:81:A:GLU:H	1:81:A:GLU:HG3	19	0.28
(22,28)	1:115:A:ALA:N	1:111:A:GLU:C	1	0.28
(22,28)	1:115:A:ALA:N	1:111:A:GLU:C	10	0.28
(22,28)	1:115:A:ALA:N	1:111:A:GLU:C	16	0.28
(22,28)	1:115:A:ALA:N	1:111:A:GLU:C	19	0.28
(22,22)	1:107:A:LEU:N	1:103:A:ARG:C	10	0.28
(22,22)	1:107:A:LEU:N	1:103:A:ARG:C	12	0.28
(22,17)	1:73:A:ILE:H	1:69:A:MET:C	5	0.28
(22,12)	1:59:A:CYS:N	1:55:A:GLY:C	12	0.28
(22,8)	1:45:A:ALA:N	1:41:A:LYS:C	14	0.28
(22,7)	1:45:A:ALA:H	1:41:A:LYS:C	4	0.28
(19,18)	1:56:A:CYS:SG	1:123:A:CYS:CB	16	0.28
(18,2440)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	7	0.28
(18,2440)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	7	0.28
(18,2440)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	7	0.28
(18,2440)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	7	0.28
(18,2440)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	7	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2440)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	7	0.28
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD11	1	0.28
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD12	1	0.28
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD13	1	0.28
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD21	1	0.28
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD22	1	0.28
(18,2295)	1:101:A:ILE:HG21	1:119:A:LEU:HD23	1	0.28
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD11	1	0.28
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD12	1	0.28
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD13	1	0.28
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD21	1	0.28
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD22	1	0.28
(18,2295)	1:101:A:ILE:HG22	1:119:A:LEU:HD23	1	0.28
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD11	1	0.28
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD12	1	0.28
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD13	1	0.28
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD21	1	0.28
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD22	1	0.28
(18,2295)	1:101:A:ILE:HG23	1:119:A:LEU:HD23	1	0.28
(18,2277)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	11	0.28
(18,2277)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	11	0.28
(18,2277)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	11	0.28
(18,2277)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	11	0.28
(18,2277)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	11	0.28
(18,2277)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	11	0.28
(18,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB2	12	0.28
(18,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB3	12	0.28
(18,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB2	12	0.28
(18,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB3	12	0.28
(18,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB2	12	0.28
(18,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB3	12	0.28
(18,2226)	1:60:A:LEU:HD11	1:123:A:CYS:H	17	0.28
(18,2226)	1:60:A:LEU:HD12	1:123:A:CYS:H	17	0.28
(18,2226)	1:60:A:LEU:HD13	1:123:A:CYS:H	17	0.28
(18,2226)	1:60:A:LEU:HD21	1:123:A:CYS:H	17	0.28
(18,2226)	1:60:A:LEU:HD22	1:123:A:CYS:H	17	0.28
(18,2226)	1:60:A:LEU:HD23	1:123:A:CYS:H	17	0.28
(18,2225)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	12	0.28
(18,2225)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	12	0.28
(18,2225)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	12	0.28
(18,2225)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	12	0.28
(18,2225)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	12	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2225)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	12	0.28
(18,2225)	1:60:A:LEU:HD11	1:122:A:ASP:HB3	12	0.28
(18,2225)	1:60:A:LEU:HD12	1:122:A:ASP:HB3	12	0.28
(18,2225)	1:60:A:LEU:HD13	1:122:A:ASP:HB3	12	0.28
(18,2225)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	12	0.28
(18,2225)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	12	0.28
(18,2225)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	12	0.28
(18,2222)	1:60:A:LEU:HD11	1:120:A:CYS:HA	6	0.28
(18,2222)	1:60:A:LEU:HD12	1:120:A:CYS:HA	6	0.28
(18,2222)	1:60:A:LEU:HD13	1:120:A:CYS:HA	6	0.28
(18,2222)	1:60:A:LEU:HD21	1:120:A:CYS:HA	6	0.28
(18,2222)	1:60:A:LEU:HD22	1:120:A:CYS:HA	6	0.28
(18,2222)	1:60:A:LEU:HD23	1:120:A:CYS:HA	6	0.28
(18,2151)	1:44:A:GLU:HG2	1:45:A:ALA:H	11	0.28
(18,2151)	1:44:A:GLU:HG3	1:45:A:ALA:H	11	0.28
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD11	16	0.28
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD12	16	0.28
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD13	16	0.28
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD21	16	0.28
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD22	16	0.28
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD23	16	0.28
(18,1943)	1:10:A:ASN:HD21	1:80:A:TYR:H	4	0.28
(18,1943)	1:10:A:ASN:HD22	1:80:A:TYR:H	4	0.28
(18,1934)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	1	0.28
(18,1934)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	1	0.28
(18,1934)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	1	0.28
(18,1934)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	1	0.28
(18,1934)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	1	0.28
(18,1934)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	1	0.28
(18,1925)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	13	0.28
(18,1925)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	13	0.28
(18,1886)	1:18:A:PHE:HE1	1:128:A:LEU:HG	16	0.28
(18,1886)	1:18:A:PHE:HE2	1:128:A:LEU:HG	16	0.28
(18,1873)	1:104:A:PHE:HE1	1:113:A:PHE:HA	5	0.28
(18,1873)	1:104:A:PHE:HE2	1:113:A:PHE:HA	5	0.28
(18,1778)	1:68:A:LYS:HA	1:72:A:PHE:HD1	13	0.28
(18,1778)	1:68:A:LYS:HA	1:72:A:PHE:HD2	13	0.28
(18,1770)	1:13:A:ALA:HA	1:80:A:TYR:HD1	9	0.28
(18,1770)	1:13:A:ALA:HA	1:80:A:TYR:HD2	9	0.28
(18,1737)	1:36:A:PRO:HG2	1:37:A:LEU:HG	4	0.28
(18,1721)	1:18:A:PHE:HB3	1:132:A:ALA:HA	7	0.28
(18,1721)	1:18:A:PHE:HB2	1:132:A:ALA:HA	7	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1689)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	10	0.28
(18,1683)	1:43:A:MET:HG2	1:43:A:MET:HE1	7	0.28
(18,1683)	1:43:A:MET:HG2	1:43:A:MET:HE2	7	0.28
(18,1683)	1:43:A:MET:HG2	1:43:A:MET:HE3	7	0.28
(18,1683)	1:43:A:MET:HG2	1:43:A:MET:HE1	8	0.28
(18,1683)	1:43:A:MET:HG2	1:43:A:MET:HE2	8	0.28
(18,1683)	1:43:A:MET:HG2	1:43:A:MET:HE3	8	0.28
(18,1659)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.28
(18,1659)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.28
(18,1624)	1:26:A:ASP:HA	1:27:A:ARG:HB2	11	0.28
(18,1619)	1:111:A:GLU:HA	1:114:A:ILE:HG21	16	0.28
(18,1619)	1:111:A:GLU:HA	1:114:A:ILE:HG22	16	0.28
(18,1619)	1:111:A:GLU:HA	1:114:A:ILE:HG23	16	0.28
(18,1586)	1:119:A:LEU:H	1:121:A:VAL:HG11	18	0.28
(18,1586)	1:119:A:LEU:H	1:121:A:VAL:HG12	18	0.28
(18,1586)	1:119:A:LEU:H	1:121:A:VAL:HG13	18	0.28
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	18	0.28
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	18	0.28
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	18	0.28
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	18	0.28
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	18	0.28
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	18	0.28
(18,1569)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	9	0.28
(18,1569)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	9	0.28
(18,1569)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	9	0.28
(18,1540)	1:38:A:GLU:HA	1:139:A:LEU:HD21	8	0.28
(18,1540)	1:38:A:GLU:HA	1:139:A:LEU:HD22	8	0.28
(18,1540)	1:38:A:GLU:HA	1:139:A:LEU:HD23	8	0.28
(18,1524)	1:76:A:ARG:HG2	1:110:A:MET:HE1	3	0.28
(18,1524)	1:76:A:ARG:HG2	1:110:A:MET:HE2	3	0.28
(18,1524)	1:76:A:ARG:HG2	1:110:A:MET:HE3	3	0.28
(18,1524)	1:76:A:ARG:HG3	1:110:A:MET:HE1	3	0.28
(18,1524)	1:76:A:ARG:HG3	1:110:A:MET:HE2	3	0.28
(18,1524)	1:76:A:ARG:HG3	1:110:A:MET:HE3	3	0.28
(18,1424)	1:119:A:LEU:HA	1:121:A:VAL:HG21	18	0.28
(18,1424)	1:119:A:LEU:HA	1:121:A:VAL:HG22	18	0.28
(18,1424)	1:119:A:LEU:HA	1:121:A:VAL:HG23	18	0.28
(18,1408)	1:73:A:ILE:HG21	1:110:A:MET:H	11	0.28
(18,1408)	1:73:A:ILE:HG22	1:110:A:MET:H	11	0.28
(18,1408)	1:73:A:ILE:HG23	1:110:A:MET:H	11	0.28
(18,1352)	1:118:A:ASP:HA	1:121:A:VAL:HG11	5	0.28
(18,1352)	1:118:A:ASP:HA	1:121:A:VAL:HG12	5	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1352)	1:118:A:ASP:HA	1:121:A:VAL:HG13	5	0.28
(18,1345)	1:13:A:ALA:H	1:79:A:THR:HG21	18	0.28
(18,1345)	1:13:A:ALA:H	1:79:A:THR:HG22	18	0.28
(18,1345)	1:13:A:ALA:H	1:79:A:THR:HG23	18	0.28
(18,1322)	1:64:A:LYS:HA	1:64:A:LYS:HD2	10	0.28
(18,1322)	1:64:A:LYS:HA	1:64:A:LYS:HD3	10	0.28
(18,1316)	1:107:A:LEU:HA	1:108:A:GLU:HG2	5	0.28
(18,1316)	1:107:A:LEU:HA	1:108:A:GLU:HG2	16	0.28
(18,1289)	1:9:A:PHE:HE1	1:14:A:VAL:HG11	5	0.28
(18,1289)	1:9:A:PHE:HE1	1:14:A:VAL:HG12	5	0.28
(18,1289)	1:9:A:PHE:HE1	1:14:A:VAL:HG13	5	0.28
(18,1289)	1:9:A:PHE:HE2	1:14:A:VAL:HG11	5	0.28
(18,1289)	1:9:A:PHE:HE2	1:14:A:VAL:HG12	5	0.28
(18,1289)	1:9:A:PHE:HE2	1:14:A:VAL:HG13	5	0.28
(18,1269)	1:15:A:ALA:HA	1:131:A:LEU:HB2	15	0.28
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	17	0.28
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	17	0.28
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	17	0.28
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	17	0.28
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	17	0.28
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	17	0.28
(18,1237)	1:140:A:LEU:HA	1:140:A:LEU:HD11	5	0.28
(18,1237)	1:140:A:LEU:HA	1:140:A:LEU:HD12	5	0.28
(18,1237)	1:140:A:LEU:HA	1:140:A:LEU:HD13	5	0.28
(18,1236)	1:136:A:CYS:HA	1:140:A:LEU:HD11	3	0.28
(18,1236)	1:136:A:CYS:HA	1:140:A:LEU:HD12	3	0.28
(18,1236)	1:136:A:CYS:HA	1:140:A:LEU:HD13	3	0.28
(18,1099)	1:138:A:ASP:HA	1:141:A:LYS:HA	11	0.28
(18,1072)	1:13:A:ALA:HB1	1:79:A:THR:HA	14	0.28
(18,1072)	1:13:A:ALA:HB2	1:79:A:THR:HA	14	0.28
(18,1072)	1:13:A:ALA:HB3	1:79:A:THR:HA	14	0.28
(18,1029)	1:81:A:GLU:H	1:81:A:GLU:HB2	13	0.28
(18,989)	1:31:A:PRO:HB2	1:33:A:LYS:H	13	0.28
(18,989)	1:31:A:PRO:HB3	1:33:A:LYS:H	13	0.28
(18,936)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	2	0.28
(18,936)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	2	0.28
(18,853)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	16	0.28
(18,853)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	16	0.28
(18,853)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	16	0.28
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB2	6	0.28
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB3	6	0.28
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB2	7	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB3	7	0.28
(18,597)	1:126:A:GLY:H	1:128:A:LEU:HB2	16	0.28
(18,576)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	1	0.28
(18,576)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	1	0.28
(18,576)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	1	0.28
(18,534)	1:67:A:PRO:HA	1:71:A:LYS:H	13	0.28
(18,166)	1:95:A:ILE:H	1:95:A:ILE:HB	14	0.28
(18,117)	1:80:A:TYR:H	1:81:A:GLU:HG2	4	0.28
(18,117)	1:80:A:TYR:H	1:81:A:GLU:HG3	4	0.28
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD11	4	0.28
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD12	4	0.28
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD13	4	0.28
(18,45)	1:98:A:ILE:H	1:105:A:LYS:HA	13	0.28
(18,16)	1:94:A:ALA:H	1:94:A:ALA:HB1	6	0.28
(18,16)	1:94:A:ALA:H	1:94:A:ALA:HB2	6	0.28
(18,16)	1:94:A:ALA:H	1:94:A:ALA:HB3	6	0.28
(17,2458)	1:140:A:LEU:HD11	1:144:A:LEU:H	14	0.28
(17,2458)	1:140:A:LEU:HD12	1:144:A:LEU:H	14	0.28
(17,2458)	1:140:A:LEU:HD13	1:144:A:LEU:H	14	0.28
(17,2458)	1:140:A:LEU:HD21	1:144:A:LEU:H	14	0.28
(17,2458)	1:140:A:LEU:HD22	1:144:A:LEU:H	14	0.28
(17,2458)	1:140:A:LEU:HD23	1:144:A:LEU:H	14	0.28
(17,2436)	1:137:A:SER:HB2	1:139:A:LEU:H	12	0.28
(17,2436)	1:137:A:SER:HB3	1:139:A:LEU:H	12	0.28
(17,2358)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	12	0.28
(17,2358)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	12	0.28
(17,2358)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	12	0.28
(17,2358)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	12	0.28
(17,2358)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	12	0.28
(17,2358)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	12	0.28
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	9	0.28
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	9	0.28
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	9	0.28
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	9	0.28
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	9	0.28
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	9	0.28
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	9	0.28
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	9	0.28
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	9	0.28
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	9	0.28
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	9	0.28
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	9	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	9	0.28
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	9	0.28
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	9	0.28
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	9	0.28
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	9	0.28
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	9	0.28
(17,2177)	1:46:A:ASN:HD21	1:137:A:SER:HB2	8	0.28
(17,2177)	1:46:A:ASN:HD21	1:137:A:SER:HB3	8	0.28
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD11	17	0.28
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD12	17	0.28
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD13	17	0.28
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD21	17	0.28
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD22	17	0.28
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD23	17	0.28
(17,2074)	1:31:A:PRO:HD2	1:143:A:TRP:HA	14	0.28
(17,2074)	1:31:A:PRO:HD3	1:143:A:TRP:HA	14	0.28
(17,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	2	0.28
(17,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	2	0.28
(17,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	2	0.28
(17,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	2	0.28
(17,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	2	0.28
(17,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	2	0.28
(17,1916)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	17	0.28
(17,1916)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	17	0.28
(17,1916)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	17	0.28
(17,1916)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	17	0.28
(17,1902)	1:104:A:PHE:HE1	1:113:A:PHE:HA	5	0.28
(17,1902)	1:104:A:PHE:HE2	1:113:A:PHE:HA	5	0.28
(17,1897)	1:68:A:LYS:HA	1:72:A:PHE:HE1	16	0.28
(17,1897)	1:68:A:LYS:HA	1:72:A:PHE:HE2	16	0.28
(17,1858)	1:59:A:CYS:HA	1:62:A:HIS:HD2	11	0.28
(17,1770)	1:36:A:PRO:HG2	1:37:A:LEU:HG	4	0.28
(17,1754)	1:31:A:PRO:HB2	1:35:A:LEU:HA	6	0.28
(17,1754)	1:31:A:PRO:HB3	1:35:A:LEU:HA	6	0.28
(17,1720)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	10	0.28
(17,1718)	1:34:A:LYS:HA	1:35:A:LEU:HB3	6	0.28
(17,1689)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.28
(17,1689)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.28
(17,1682)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	12	0.28
(17,1682)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	12	0.28
(17,1654)	1:26:A:ASP:HA	1:27:A:ARG:HB2	11	0.28
(17,1649)	1:111:A:GLU:HA	1:114:A:ILE:HG21	16	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1649)	1:111:A:GLU:HA	1:114:A:ILE:HG22	16	0.28
(17,1649)	1:111:A:GLU:HA	1:114:A:ILE:HG23	16	0.28
(17,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	9	0.28
(17,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	9	0.28
(17,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	9	0.28
(17,1554)	1:76:A:ARG:HG2	1:110:A:MET:HE1	16	0.28
(17,1554)	1:76:A:ARG:HG2	1:110:A:MET:HE2	16	0.28
(17,1554)	1:76:A:ARG:HG2	1:110:A:MET:HE3	16	0.28
(17,1554)	1:76:A:ARG:HG3	1:110:A:MET:HE1	16	0.28
(17,1554)	1:76:A:ARG:HG3	1:110:A:MET:HE2	16	0.28
(17,1554)	1:76:A:ARG:HG3	1:110:A:MET:HE3	16	0.28
(17,1434)	1:73:A:ILE:HG21	1:110:A:MET:H	11	0.28
(17,1434)	1:73:A:ILE:HG22	1:110:A:MET:H	11	0.28
(17,1434)	1:73:A:ILE:HG23	1:110:A:MET:H	11	0.28
(17,1399)	1:100:A:ALA:HA	1:119:A:LEU:HD11	6	0.28
(17,1399)	1:100:A:ALA:HA	1:119:A:LEU:HD12	6	0.28
(17,1399)	1:100:A:ALA:HA	1:119:A:LEU:HD13	6	0.28
(17,1361)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	2	0.28
(17,1361)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	2	0.28
(17,1361)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	2	0.28
(17,1361)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	2	0.28
(17,1361)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	2	0.28
(17,1361)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	2	0.28
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD21	2	0.28
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD22	2	0.28
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD23	2	0.28
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD21	3	0.28
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD22	3	0.28
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD23	3	0.28
(17,1342)	1:64:A:LYS:HA	1:64:A:LYS:HD2	10	0.28
(17,1342)	1:64:A:LYS:HA	1:64:A:LYS:HD3	10	0.28
(17,1337)	1:107:A:LEU:HA	1:108:A:GLU:HG2	5	0.28
(17,1337)	1:107:A:LEU:HA	1:108:A:GLU:HG2	16	0.28
(17,1299)	1:128:A:LEU:HD21	1:129:A:LYS:H	7	0.28
(17,1299)	1:128:A:LEU:HD22	1:129:A:LYS:H	7	0.28
(17,1299)	1:128:A:LEU:HD23	1:129:A:LYS:H	7	0.28
(17,1177)	1:140:A:LEU:HD21	1:144:A:LEU:H	1	0.28
(17,1177)	1:140:A:LEU:HD22	1:144:A:LEU:H	1	0.28
(17,1177)	1:140:A:LEU:HD23	1:144:A:LEU:H	1	0.28
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	12	0.28
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	12	0.28
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	12	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1100)	1:68:A:LYS:HA	1:72:A:PHE:HD1	16	0.28
(17,1100)	1:68:A:LYS:HA	1:72:A:PHE:HD2	16	0.28
(17,1048)	1:11:A:ILE:HA	1:11:A:ILE:HD11	11	0.28
(17,1048)	1:11:A:ILE:HA	1:11:A:ILE:HD12	11	0.28
(17,1048)	1:11:A:ILE:HA	1:11:A:ILE:HD13	11	0.28
(17,983)	1:31:A:PRO:HB2	1:33:A:LYS:H	13	0.28
(17,983)	1:31:A:PRO:HB3	1:33:A:LYS:H	13	0.28
(17,922)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	16	0.28
(17,922)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	16	0.28
(17,922)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	16	0.28
(17,869)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	19	0.28
(17,869)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	19	0.28
(17,869)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	19	0.28
(17,821)	1:64:A:LYS:H	1:98:A:ILE:HD11	2	0.28
(17,821)	1:64:A:LYS:H	1:98:A:ILE:HD12	2	0.28
(17,821)	1:64:A:LYS:H	1:98:A:ILE:HD13	2	0.28
(17,714)	1:44:A:GLU:HB2	1:48:A:ARG:HE	8	0.28
(17,714)	1:44:A:GLU:HB3	1:48:A:ARG:HE	8	0.28
(17,643)	1:66:A:THR:H	1:69:A:MET:HA	10	0.28
(17,582)	1:126:A:GLY:H	1:128:A:LEU:HB2	16	0.28
(17,514)	1:67:A:PRO:HA	1:71:A:LYS:H	13	0.28
(17,504)	1:70:A:LYS:HE2	1:71:A:LYS:H	5	0.28
(17,504)	1:70:A:LYS:HE3	1:71:A:LYS:H	5	0.28
(17,132)	1:13:A:ALA:HB1	1:80:A:TYR:H	5	0.28
(17,132)	1:13:A:ALA:HB2	1:80:A:TYR:H	5	0.28
(17,132)	1:13:A:ALA:HB3	1:80:A:TYR:H	5	0.28
(17,114)	1:80:A:TYR:H	1:81:A:GLU:HG2	6	0.28
(17,114)	1:80:A:TYR:H	1:81:A:GLU:HG3	6	0.28
(17,64)	1:81:A:GLU:H	1:81:A:GLU:HG2	19	0.28
(17,64)	1:81:A:GLU:H	1:81:A:GLU:HG3	19	0.28
(17,42)	1:98:A:ILE:H	1:105:A:LYS:HA	13	0.28
(16,2466)	1:141:A:LYS:HA	1:145:A:PRO:HD2	6	0.28
(16,2466)	1:141:A:LYS:HA	1:145:A:PRO:HD3	6	0.28
(16,2371)	1:116:A:GLN:HG2	1:117:A:VAL:HA	18	0.28
(16,2371)	1:116:A:GLN:HG3	1:117:A:VAL:HA	18	0.28
(16,2331)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	19	0.28
(16,2331)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	19	0.28
(16,2331)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	19	0.28
(16,2331)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	19	0.28
(16,2331)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	19	0.28
(16,2331)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	19	0.28
(16,2229)	1:66:A:THR:HB	1:96:A:VAL:HG11	6	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2229)	1:66:A:THR:HB	1:96:A:VAL:HG12	6	0.28
(16,2229)	1:66:A:THR:HB	1:96:A:VAL:HG13	6	0.28
(16,2229)	1:66:A:THR:HB	1:96:A:VAL:HG21	6	0.28
(16,2229)	1:66:A:THR:HB	1:96:A:VAL:HG22	6	0.28
(16,2229)	1:66:A:THR:HB	1:96:A:VAL:HG23	6	0.28
(16,2213)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	11	0.28
(16,2213)	1:63:A:ILE:HG12	1:116:A:GLN:HG3	11	0.28
(16,2202)	1:60:A:LEU:HD11	1:120:A:CYS:HA	6	0.28
(16,2202)	1:60:A:LEU:HD12	1:120:A:CYS:HA	6	0.28
(16,2202)	1:60:A:LEU:HD13	1:120:A:CYS:HA	6	0.28
(16,2202)	1:60:A:LEU:HD21	1:120:A:CYS:HA	6	0.28
(16,2202)	1:60:A:LEU:HD22	1:120:A:CYS:HA	6	0.28
(16,2202)	1:60:A:LEU:HD23	1:120:A:CYS:HA	6	0.28
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD11	15	0.28
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD12	15	0.28
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD13	15	0.28
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD21	15	0.28
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD22	15	0.28
(16,2169)	1:48:A:ARG:H	1:131:A:LEU:HD23	15	0.28
(16,2166)	1:47:A:ALA:HA	1:131:A:LEU:HD11	10	0.28
(16,2166)	1:47:A:ALA:HA	1:131:A:LEU:HD12	10	0.28
(16,2166)	1:47:A:ALA:HA	1:131:A:LEU:HD13	10	0.28
(16,2166)	1:47:A:ALA:HA	1:131:A:LEU:HD21	10	0.28
(16,2166)	1:47:A:ALA:HA	1:131:A:LEU:HD22	10	0.28
(16,2166)	1:47:A:ALA:HA	1:131:A:LEU:HD23	10	0.28
(16,2157)	1:44:A:GLU:HG2	1:45:A:ALA:H	11	0.28
(16,2157)	1:44:A:GLU:HG3	1:45:A:ALA:H	11	0.28
(16,2037)	1:23:A:LEU:HD11	1:25:A:ALA:H	10	0.28
(16,2037)	1:23:A:LEU:HD12	1:25:A:ALA:H	10	0.28
(16,2037)	1:23:A:LEU:HD13	1:25:A:ALA:H	10	0.28
(16,2037)	1:23:A:LEU:HD21	1:25:A:ALA:H	10	0.28
(16,2037)	1:23:A:LEU:HD22	1:25:A:ALA:H	10	0.28
(16,2037)	1:23:A:LEU:HD23	1:25:A:ALA:H	10	0.28
(16,1985)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	4	0.28
(16,1985)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	4	0.28
(16,1985)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	4	0.28
(16,1985)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	4	0.28
(16,1985)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	4	0.28
(16,1985)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	4	0.28
(16,1960)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	12	0.28
(16,1960)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	12	0.28
(16,1960)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	12	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1960)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	12	0.28
(16,1960)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	12	0.28
(16,1960)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	12	0.28
(16,1960)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	12	0.28
(16,1960)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	12	0.28
(16,1960)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	12	0.28
(16,1960)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	12	0.28
(16,1960)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	12	0.28
(16,1960)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	12	0.28
(16,1960)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	12	0.28
(16,1960)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	12	0.28
(16,1960)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	12	0.28
(16,1960)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	12	0.28
(16,1960)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	12	0.28
(16,1960)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	12	0.28
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	4	0.28
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	4	0.28
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	4	0.28
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	4	0.28
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	4	0.28
(16,1944)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	4	0.28
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	4	0.28
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	4	0.28
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	4	0.28
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	4	0.28
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	4	0.28
(16,1944)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	4	0.28
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	4	0.28
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	4	0.28
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	4	0.28
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	4	0.28
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	4	0.28
(16,1944)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	4	0.28
(16,1871)	1:104:A:PHE:HE1	1:113:A:PHE:HA	6	0.28
(16,1871)	1:104:A:PHE:HE2	1:113:A:PHE:HA	6	0.28
(16,1868)	1:68:A:LYS:HA	1:72:A:PHE:HE1	16	0.28
(16,1868)	1:68:A:LYS:HA	1:72:A:PHE:HE2	16	0.28
(16,1813)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	13	0.28
(16,1813)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	13	0.28
(16,1813)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	13	0.28
(16,1813)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	13	0.28
(16,1813)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	13	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1813)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	13	0.28
(16,1800)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	12	0.28
(16,1800)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	12	0.28
(16,1800)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	12	0.28
(16,1800)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	12	0.28
(16,1800)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	12	0.28
(16,1800)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	12	0.28
(16,1695)	1:34:A:LYS:HA	1:35:A:LEU:HB3	6	0.28
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	1	0.28
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	1	0.28
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	6	0.28
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	6	0.28
(16,1590)	1:119:A:LEU:H	1:121:A:VAL:HG11	18	0.28
(16,1590)	1:119:A:LEU:H	1:121:A:VAL:HG12	18	0.28
(16,1590)	1:119:A:LEU:H	1:121:A:VAL:HG13	18	0.28
(16,1564)	1:63:A:ILE:HD11	1:113:A:PHE:HA	15	0.28
(16,1564)	1:63:A:ILE:HD12	1:113:A:PHE:HA	15	0.28
(16,1564)	1:63:A:ILE:HD13	1:113:A:PHE:HA	15	0.28
(16,1532)	1:76:A:ARG:HG2	1:110:A:MET:HE1	3	0.28
(16,1532)	1:76:A:ARG:HG2	1:110:A:MET:HE2	3	0.28
(16,1532)	1:76:A:ARG:HG2	1:110:A:MET:HE3	3	0.28
(16,1532)	1:76:A:ARG:HG3	1:110:A:MET:HE1	3	0.28
(16,1532)	1:76:A:ARG:HG3	1:110:A:MET:HE2	3	0.28
(16,1532)	1:76:A:ARG:HG3	1:110:A:MET:HE3	3	0.28
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE1	9	0.28
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE2	9	0.28
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE3	9	0.28
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE1	10	0.28
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE2	10	0.28
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE3	10	0.28
(16,1475)	1:95:A:ILE:HG21	1:97:A:ASP:H	13	0.28
(16,1475)	1:95:A:ILE:HG22	1:97:A:ASP:H	13	0.28
(16,1475)	1:95:A:ILE:HG23	1:97:A:ASP:H	13	0.28
(16,1458)	1:13:A:ALA:HB1	1:79:A:THR:HA	12	0.28
(16,1458)	1:13:A:ALA:HB2	1:79:A:THR:HA	12	0.28
(16,1458)	1:13:A:ALA:HB3	1:79:A:THR:HA	12	0.28
(16,1432)	1:119:A:LEU:HA	1:121:A:VAL:HG21	18	0.28
(16,1432)	1:119:A:LEU:HA	1:121:A:VAL:HG22	18	0.28
(16,1432)	1:119:A:LEU:HA	1:121:A:VAL:HG23	18	0.28
(16,1427)	1:69:A:MET:HE1	1:73:A:ILE:HG21	5	0.28
(16,1427)	1:69:A:MET:HE1	1:73:A:ILE:HG22	5	0.28
(16,1427)	1:69:A:MET:HE1	1:73:A:ILE:HG23	5	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1427)	1:69:A:MET:HE2	1:73:A:ILE:HG21	5	0.28
(16,1427)	1:69:A:MET:HE2	1:73:A:ILE:HG22	5	0.28
(16,1427)	1:69:A:MET:HE2	1:73:A:ILE:HG23	5	0.28
(16,1427)	1:69:A:MET:HE3	1:73:A:ILE:HG21	5	0.28
(16,1427)	1:69:A:MET:HE3	1:73:A:ILE:HG22	5	0.28
(16,1427)	1:69:A:MET:HE3	1:73:A:ILE:HG23	5	0.28
(16,1415)	1:73:A:ILE:HG21	1:110:A:MET:H	11	0.28
(16,1415)	1:73:A:ILE:HG22	1:110:A:MET:H	11	0.28
(16,1415)	1:73:A:ILE:HG23	1:110:A:MET:H	11	0.28
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD11	12	0.28
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD12	12	0.28
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD13	12	0.28
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG11	4	0.28
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG12	4	0.28
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG13	4	0.28
(16,1356)	1:13:A:ALA:H	1:79:A:THR:HG21	18	0.28
(16,1356)	1:13:A:ALA:H	1:79:A:THR:HG22	18	0.28
(16,1356)	1:13:A:ALA:H	1:79:A:THR:HG23	18	0.28
(16,1340)	1:22:A:ASP:HA	1:24:A:ASP:H	10	0.28
(16,1258)	1:23:A:LEU:HD11	1:24:A:ASP:H	12	0.28
(16,1258)	1:23:A:LEU:HD12	1:24:A:ASP:H	12	0.28
(16,1258)	1:23:A:LEU:HD13	1:24:A:ASP:H	12	0.28
(16,1238)	1:140:A:LEU:HA	1:140:A:LEU:HD11	5	0.28
(16,1238)	1:140:A:LEU:HA	1:140:A:LEU:HD12	5	0.28
(16,1238)	1:140:A:LEU:HA	1:140:A:LEU:HD13	5	0.28
(16,1167)	1:150:A:THR:HG21	1:151:A:PHE:HA	18	0.28
(16,1167)	1:150:A:THR:HG22	1:151:A:PHE:HA	18	0.28
(16,1167)	1:150:A:THR:HG23	1:151:A:PHE:HA	18	0.28
(16,1103)	1:68:A:LYS:HA	1:72:A:PHE:HD1	16	0.28
(16,1103)	1:68:A:LYS:HA	1:72:A:PHE:HD2	16	0.28
(16,1058)	1:11:A:ILE:HA	1:11:A:ILE:HD11	11	0.28
(16,1058)	1:11:A:ILE:HA	1:11:A:ILE:HD12	11	0.28
(16,1058)	1:11:A:ILE:HA	1:11:A:ILE:HD13	11	0.28
(16,1013)	1:35:A:LEU:HG	1:143:A:TRP:HB3	11	0.28
(16,997)	1:31:A:PRO:HB2	1:33:A:LYS:H	13	0.28
(16,997)	1:31:A:PRO:HB3	1:33:A:LYS:H	13	0.28
(16,942)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	6	0.28
(16,942)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	6	0.28
(16,942)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	6	0.28
(16,942)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	6	0.28
(16,941)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	2	0.28
(16,941)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	2	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,930)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	2	0.28
(16,930)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	2	0.28
(16,930)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	2	0.28
(16,930)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	16	0.28
(16,930)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	16	0.28
(16,930)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	16	0.28
(16,874)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	11	0.28
(16,874)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	11	0.28
(16,874)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	11	0.28
(16,820)	1:64:A:LYS:H	1:98:A:ILE:HD11	2	0.28
(16,820)	1:64:A:LYS:H	1:98:A:ILE:HD12	2	0.28
(16,820)	1:64:A:LYS:H	1:98:A:ILE:HD13	2	0.28
(16,793)	1:63:A:ILE:HD11	1:64:A:LYS:H	6	0.28
(16,793)	1:63:A:ILE:HD12	1:64:A:LYS:H	6	0.28
(16,793)	1:63:A:ILE:HD13	1:64:A:LYS:H	6	0.28
(16,645)	1:66:A:THR:H	1:69:A:MET:HA	10	0.28
(16,601)	1:28:A:GLY:H	1:29:A:LYS:HG2	12	0.28
(16,601)	1:28:A:GLY:H	1:29:A:LYS:HG3	12	0.28
(16,591)	1:126:A:GLY:H	1:128:A:LEU:HB2	16	0.28
(16,524)	1:67:A:PRO:HA	1:71:A:LYS:H	13	0.28
(16,222)	1:44:A:GLU:HB2	1:48:A:ARG:H	19	0.28
(16,222)	1:44:A:GLU:HB3	1:48:A:ARG:H	19	0.28
(16,193)	1:58:A:ILE:HG21	1:60:A:LEU:H	15	0.28
(16,193)	1:58:A:ILE:HG22	1:60:A:LEU:H	15	0.28
(16,193)	1:58:A:ILE:HG23	1:60:A:LEU:H	15	0.28
(16,114)	1:80:A:TYR:H	1:81:A:GLU:HG2	4	0.28
(16,114)	1:80:A:TYR:H	1:81:A:GLU:HG3	4	0.28
(16,63)	1:81:A:GLU:H	1:81:A:GLU:HG2	19	0.28
(16,63)	1:81:A:GLU:H	1:81:A:GLU:HG3	19	0.28
(16,17)	1:94:A:ALA:H	1:94:A:ALA:HB1	6	0.28
(16,17)	1:94:A:ALA:H	1:94:A:ALA:HB2	6	0.28
(16,17)	1:94:A:ALA:H	1:94:A:ALA:HB3	6	0.28
(15,2498)	1:145:A:PRO:HD2	1:147:A:ARG:H	12	0.28
(15,2498)	1:145:A:PRO:HD3	1:147:A:ARG:H	12	0.28
(15,2457)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	7	0.28
(15,2457)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	7	0.28
(15,2457)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	7	0.28
(15,2457)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	7	0.28
(15,2457)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	7	0.28
(15,2457)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	7	0.28
(15,2412)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	13	0.28
(15,2412)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	13	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2362)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	6	0.28
(15,2362)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	6	0.28
(15,2362)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	6	0.28
(15,2362)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	6	0.28
(15,2362)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	6	0.28
(15,2362)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	6	0.28
(15,2362)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	6	0.28
(15,2362)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	6	0.28
(15,2362)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	6	0.28
(15,2362)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	6	0.28
(15,2362)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	6	0.28
(15,2362)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	6	0.28
(15,2362)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	6	0.28
(15,2362)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	6	0.28
(15,2362)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	6	0.28
(15,2362)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	6	0.28
(15,2362)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	6	0.28
(15,2362)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	6	0.28
(15,2214)	1:66:A:THR:HB	1:96:A:VAL:HG11	6	0.28
(15,2214)	1:66:A:THR:HB	1:96:A:VAL:HG12	6	0.28
(15,2214)	1:66:A:THR:HB	1:96:A:VAL:HG13	6	0.28
(15,2214)	1:66:A:THR:HB	1:96:A:VAL:HG21	6	0.28
(15,2214)	1:66:A:THR:HB	1:96:A:VAL:HG22	6	0.28
(15,2214)	1:66:A:THR:HB	1:96:A:VAL:HG23	6	0.28
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD11	15	0.28
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD12	15	0.28
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD13	15	0.28
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD21	15	0.28
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD22	15	0.28
(15,2146)	1:48:A:ARG:H	1:131:A:LEU:HD23	15	0.28
(15,2135)	1:46:A:ASN:HD21	1:137:A:SER:HB2	8	0.28
(15,2135)	1:46:A:ASN:HD21	1:137:A:SER:HB3	8	0.28
(15,2128)	1:44:A:GLU:HG2	1:45:A:ALA:H	11	0.28
(15,2128)	1:44:A:GLU:HG3	1:45:A:ALA:H	11	0.28
(15,2053)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	3	0.28
(15,2053)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	3	0.28
(15,2053)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	3	0.28
(15,2053)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	3	0.28
(15,2053)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	3	0.28
(15,2053)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	3	0.28
(15,2035)	1:31:A:PRO:HD2	1:144:A:LEU:HB2	14	0.28
(15,2035)	1:31:A:PRO:HD2	1:144:A:LEU:HB3	14	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2035)	1:31:A:PRO:HD3	1:144:A:LEU:HB2	14	0.28
(15,2035)	1:31:A:PRO:HD3	1:144:A:LEU:HB3	14	0.28
(15,1965)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	2	0.28
(15,1965)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	2	0.28
(15,1965)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	2	0.28
(15,1965)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	2	0.28
(15,1965)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	2	0.28
(15,1965)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	2	0.28
(15,1891)	1:58:A:ILE:HA	1:62:A:HIS:HE1	11	0.28
(15,1882)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	2	0.28
(15,1882)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	2	0.28
(15,1882)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	2	0.28
(15,1882)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	2	0.28
(15,1882)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	2	0.28
(15,1882)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	2	0.28
(15,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	12	0.28
(15,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	12	0.28
(15,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	12	0.28
(15,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	12	0.28
(15,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	12	0.28
(15,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	12	0.28
(15,1768)	1:80:A:TYR:H	1:80:A:TYR:HD1	6	0.28
(15,1768)	1:80:A:TYR:H	1:80:A:TYR:HD2	6	0.28
(15,1768)	1:80:A:TYR:H	1:80:A:TYR:HD1	9	0.28
(15,1768)	1:80:A:TYR:H	1:80:A:TYR:HD2	9	0.28
(15,1743)	1:36:A:PRO:HG2	1:37:A:LEU:HG	4	0.28
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG21	17	0.28
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG22	17	0.28
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG23	17	0.28
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG21	17	0.28
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG22	17	0.28
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG23	17	0.28
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG21	17	0.28
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG22	17	0.28
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG23	17	0.28
(15,1696)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	10	0.28
(15,1631)	1:26:A:ASP:HA	1:27:A:ARG:HB2	11	0.28
(15,1594)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	9	0.28
(15,1594)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	9	0.28
(15,1594)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	9	0.28
(15,1557)	1:11:A:ILE:HD11	1:43:A:MET:H	18	0.28
(15,1557)	1:11:A:ILE:HD12	1:43:A:MET:H	18	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1557)	1:11:A:ILE:HD13	1:43:A:MET:H	18	0.28
(15,1540)	1:38:A:GLU:HA	1:139:A:LEU:HD21	8	0.28
(15,1540)	1:38:A:GLU:HA	1:139:A:LEU:HD22	8	0.28
(15,1540)	1:38:A:GLU:HA	1:139:A:LEU:HD23	8	0.28
(15,1516)	1:110:A:MET:HE1	1:113:A:PHE:HA	6	0.28
(15,1516)	1:110:A:MET:HE2	1:113:A:PHE:HA	6	0.28
(15,1516)	1:110:A:MET:HE3	1:113:A:PHE:HA	6	0.28
(15,1484)	1:114:A:ILE:HG21	1:117:A:VAL:H	2	0.28
(15,1484)	1:114:A:ILE:HG22	1:117:A:VAL:H	2	0.28
(15,1484)	1:114:A:ILE:HG23	1:117:A:VAL:H	2	0.28
(15,1473)	1:101:A:ILE:HG21	1:115:A:ALA:HA	15	0.28
(15,1473)	1:101:A:ILE:HG22	1:115:A:ALA:HA	15	0.28
(15,1473)	1:101:A:ILE:HG23	1:115:A:ALA:HA	15	0.28
(15,1424)	1:69:A:MET:HE1	1:73:A:ILE:HG21	18	0.28
(15,1424)	1:69:A:MET:HE1	1:73:A:ILE:HG22	18	0.28
(15,1424)	1:69:A:MET:HE1	1:73:A:ILE:HG23	18	0.28
(15,1424)	1:69:A:MET:HE2	1:73:A:ILE:HG21	18	0.28
(15,1424)	1:69:A:MET:HE2	1:73:A:ILE:HG22	18	0.28
(15,1424)	1:69:A:MET:HE2	1:73:A:ILE:HG23	18	0.28
(15,1424)	1:69:A:MET:HE3	1:73:A:ILE:HG21	18	0.28
(15,1424)	1:69:A:MET:HE3	1:73:A:ILE:HG22	18	0.28
(15,1424)	1:69:A:MET:HE3	1:73:A:ILE:HG23	18	0.28
(15,1352)	1:13:A:ALA:H	1:79:A:THR:HG21	18	0.28
(15,1352)	1:13:A:ALA:H	1:79:A:THR:HG22	18	0.28
(15,1352)	1:13:A:ALA:H	1:79:A:THR:HG23	18	0.28
(15,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	2	0.28
(15,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	2	0.28
(15,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	2	0.28
(15,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	2	0.28
(15,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	2	0.28
(15,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	2	0.28
(15,1329)	1:64:A:LYS:HA	1:64:A:LYS:HD2	10	0.28
(15,1329)	1:64:A:LYS:HA	1:64:A:LYS:HD3	10	0.28
(15,1312)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	9	0.28
(15,1312)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	9	0.28
(15,1312)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	9	0.28
(15,1312)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	9	0.28
(15,1312)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	9	0.28
(15,1312)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	9	0.28
(15,1312)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	9	0.28
(15,1312)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	9	0.28
(15,1312)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	9	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1160)	1:150:A:THR:HG21	1:151:A:PHE:HA	18	0.28
(15,1160)	1:150:A:THR:HG22	1:151:A:PHE:HA	18	0.28
(15,1160)	1:150:A:THR:HG23	1:151:A:PHE:HA	18	0.28
(15,1150)	1:145:A:PRO:HB2	1:146:A:GLN:HA	17	0.28
(15,1060)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	14	0.28
(15,1060)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	14	0.28
(15,994)	1:98:A:ILE:H	1:105:A:LYS:HD2	13	0.28
(15,994)	1:98:A:ILE:H	1:105:A:LYS:HD3	13	0.28
(15,981)	1:31:A:PRO:HB2	1:33:A:LYS:H	13	0.28
(15,981)	1:31:A:PRO:HB3	1:33:A:LYS:H	13	0.28
(15,925)	1:81:A:GLU:HA	1:81:A:GLU:HG2	1	0.28
(15,925)	1:81:A:GLU:HA	1:81:A:GLU:HG3	1	0.28
(15,925)	1:81:A:GLU:HA	1:81:A:GLU:HG2	5	0.28
(15,925)	1:81:A:GLU:HA	1:81:A:GLU:HG3	5	0.28
(15,925)	1:81:A:GLU:HA	1:81:A:GLU:HG2	7	0.28
(15,925)	1:81:A:GLU:HA	1:81:A:GLU:HG3	7	0.28
(15,925)	1:81:A:GLU:HA	1:81:A:GLU:HG2	10	0.28
(15,925)	1:81:A:GLU:HA	1:81:A:GLU:HG3	10	0.28
(15,925)	1:81:A:GLU:HA	1:81:A:GLU:HG2	11	0.28
(15,925)	1:81:A:GLU:HA	1:81:A:GLU:HG3	11	0.28
(15,788)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	8	0.28
(15,788)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	8	0.28
(15,788)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	8	0.28
(15,788)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	8	0.28
(15,788)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	8	0.28
(15,788)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	8	0.28
(15,786)	1:101:A:ILE:HD11	1:119:A:LEU:HG	15	0.28
(15,786)	1:101:A:ILE:HD12	1:119:A:LEU:HG	15	0.28
(15,786)	1:101:A:ILE:HD13	1:119:A:LEU:HG	15	0.28
(15,763)	1:37:A:LEU:H	1:40:A:LEU:HB2	4	0.28
(15,698)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	10	0.28
(15,698)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	10	0.28
(15,648)	1:66:A:THR:H	1:69:A:MET:HA	10	0.28
(15,595)	1:70:A:LYS:HB2	1:75:A:GLY:H	8	0.28
(15,595)	1:70:A:LYS:HB3	1:75:A:GLY:H	8	0.28
(15,568)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	1	0.28
(15,568)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	1	0.28
(15,568)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	1	0.28
(15,223)	1:44:A:GLU:HB2	1:48:A:ARG:H	19	0.28
(15,223)	1:44:A:GLU:HB3	1:48:A:ARG:H	19	0.28
(15,139)	1:13:A:ALA:HB1	1:80:A:TYR:H	5	0.28
(15,139)	1:13:A:ALA:HB2	1:80:A:TYR:H	5	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,139)	1:13:A:ALA:HB3	1:80:A:TYR:H	5	0.28
(15,55)	1:98:A:ILE:H	1:101:A:ILE:HG13	15	0.28
(13,2443)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	7	0.28
(13,2443)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	7	0.28
(13,2443)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	7	0.28
(13,2443)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	7	0.28
(13,2443)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	7	0.28
(13,2443)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	7	0.28
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD11	8	0.28
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD12	8	0.28
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD13	8	0.28
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD21	8	0.28
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD22	8	0.28
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD23	8	0.28
(13,2398)	1:131:A:LEU:H	1:134:A:VAL:HG11	8	0.28
(13,2398)	1:131:A:LEU:H	1:134:A:VAL:HG12	8	0.28
(13,2398)	1:131:A:LEU:H	1:134:A:VAL:HG13	8	0.28
(13,2398)	1:131:A:LEU:H	1:134:A:VAL:HG21	8	0.28
(13,2398)	1:131:A:LEU:H	1:134:A:VAL:HG22	8	0.28
(13,2398)	1:131:A:LEU:H	1:134:A:VAL:HG23	8	0.28
(13,2305)	1:107:A:LEU:HA	1:108:A:GLU:HG2	1	0.28
(13,2305)	1:107:A:LEU:HA	1:108:A:GLU:HG3	1	0.28
(13,2305)	1:107:A:LEU:HA	1:108:A:GLU:HG2	3	0.28
(13,2305)	1:107:A:LEU:HA	1:108:A:GLU:HG3	3	0.28
(13,2202)	1:66:A:THR:HB	1:96:A:VAL:HG11	6	0.28
(13,2202)	1:66:A:THR:HB	1:96:A:VAL:HG12	6	0.28
(13,2202)	1:66:A:THR:HB	1:96:A:VAL:HG13	6	0.28
(13,2202)	1:66:A:THR:HB	1:96:A:VAL:HG21	6	0.28
(13,2202)	1:66:A:THR:HB	1:96:A:VAL:HG22	6	0.28
(13,2202)	1:66:A:THR:HB	1:96:A:VAL:HG23	6	0.28
(13,2169)	1:60:A:LEU:HD11	1:120:A:CYS:HA	6	0.28
(13,2169)	1:60:A:LEU:HD12	1:120:A:CYS:HA	6	0.28
(13,2169)	1:60:A:LEU:HD13	1:120:A:CYS:HA	6	0.28
(13,2169)	1:60:A:LEU:HD21	1:120:A:CYS:HA	6	0.28
(13,2169)	1:60:A:LEU:HD22	1:120:A:CYS:HA	6	0.28
(13,2169)	1:60:A:LEU:HD23	1:120:A:CYS:HA	6	0.28
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD11	14	0.28
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD12	14	0.28
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD13	14	0.28
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD21	14	0.28
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD22	14	0.28
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD23	14	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD11	15	0.28
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD12	15	0.28
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD13	15	0.28
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD21	15	0.28
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD22	15	0.28
(13,2127)	1:48:A:ARG:H	1:131:A:LEU:HD23	15	0.28
(13,2102)	1:44:A:GLU:HG2	1:45:A:ALA:H	11	0.28
(13,2102)	1:44:A:GLU:HG3	1:45:A:ALA:H	11	0.28
(13,2080)	1:40:A:LEU:HD11	1:43:A:MET:HB3	7	0.28
(13,2080)	1:40:A:LEU:HD12	1:43:A:MET:HB3	7	0.28
(13,2080)	1:40:A:LEU:HD13	1:43:A:MET:HB3	7	0.28
(13,2080)	1:40:A:LEU:HD21	1:43:A:MET:HB3	7	0.28
(13,2080)	1:40:A:LEU:HD22	1:43:A:MET:HB3	7	0.28
(13,2080)	1:40:A:LEU:HD23	1:43:A:MET:HB3	7	0.28
(13,2065)	1:39:A:VAL:HG11	1:140:A:LEU:HG	14	0.28
(13,2065)	1:39:A:VAL:HG12	1:140:A:LEU:HG	14	0.28
(13,2065)	1:39:A:VAL:HG13	1:140:A:LEU:HG	14	0.28
(13,2065)	1:39:A:VAL:HG21	1:140:A:LEU:HG	14	0.28
(13,2065)	1:39:A:VAL:HG22	1:140:A:LEU:HG	14	0.28
(13,2065)	1:39:A:VAL:HG23	1:140:A:LEU:HG	14	0.28
(13,2017)	1:31:A:PRO:HB2	1:35:A:LEU:HD11	3	0.28
(13,2017)	1:31:A:PRO:HB2	1:35:A:LEU:HD12	3	0.28
(13,2017)	1:31:A:PRO:HB2	1:35:A:LEU:HD13	3	0.28
(13,2017)	1:31:A:PRO:HB2	1:35:A:LEU:HD21	3	0.28
(13,2017)	1:31:A:PRO:HB2	1:35:A:LEU:HD22	3	0.28
(13,2017)	1:31:A:PRO:HB2	1:35:A:LEU:HD23	3	0.28
(13,2017)	1:31:A:PRO:HB3	1:35:A:LEU:HD11	3	0.28
(13,2017)	1:31:A:PRO:HB3	1:35:A:LEU:HD12	3	0.28
(13,2017)	1:31:A:PRO:HB3	1:35:A:LEU:HD13	3	0.28
(13,2017)	1:31:A:PRO:HB3	1:35:A:LEU:HD21	3	0.28
(13,2017)	1:31:A:PRO:HB3	1:35:A:LEU:HD22	3	0.28
(13,2017)	1:31:A:PRO:HB3	1:35:A:LEU:HD23	3	0.28
(13,1919)	1:11:A:ILE:HG12	1:57:A:LEU:HD11	14	0.28
(13,1919)	1:11:A:ILE:HG12	1:57:A:LEU:HD12	14	0.28
(13,1919)	1:11:A:ILE:HG12	1:57:A:LEU:HD13	14	0.28
(13,1919)	1:11:A:ILE:HG12	1:57:A:LEU:HD21	14	0.28
(13,1919)	1:11:A:ILE:HG12	1:57:A:LEU:HD22	14	0.28
(13,1919)	1:11:A:ILE:HG12	1:57:A:LEU:HD23	14	0.28
(13,1919)	1:11:A:ILE:HG13	1:57:A:LEU:HD11	14	0.28
(13,1919)	1:11:A:ILE:HG13	1:57:A:LEU:HD12	14	0.28
(13,1919)	1:11:A:ILE:HG13	1:57:A:LEU:HD13	14	0.28
(13,1919)	1:11:A:ILE:HG13	1:57:A:LEU:HD21	14	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1919)	1:11:A:ILE:HG13	1:57:A:LEU:HD22	14	0.28
(13,1919)	1:11:A:ILE:HG13	1:57:A:LEU:HD23	14	0.28
(13,1907)	1:10:A:ASN:HD21	1:80:A:TYR:H	4	0.28
(13,1907)	1:10:A:ASN:HD22	1:80:A:TYR:H	4	0.28
(13,1856)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	17	0.28
(13,1856)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	17	0.28
(13,1856)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	17	0.28
(13,1856)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	17	0.28
(13,1853)	1:18:A:PHE:HE1	1:128:A:LEU:HG	16	0.28
(13,1853)	1:18:A:PHE:HE2	1:128:A:LEU:HG	16	0.28
(13,1843)	1:104:A:PHE:HE1	1:113:A:PHE:HA	5	0.28
(13,1843)	1:104:A:PHE:HE2	1:113:A:PHE:HA	5	0.28
(13,1783)	1:9:A:PHE:HZ	1:54:A:ARG:HA	8	0.28
(13,1720)	1:36:A:PRO:HG2	1:37:A:LEU:HG	4	0.28
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG21	17	0.28
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG22	17	0.28
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG23	17	0.28
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG21	17	0.28
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG22	17	0.28
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG23	17	0.28
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG21	17	0.28
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG22	17	0.28
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG23	17	0.28
(13,1675)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	10	0.28
(13,1670)	1:43:A:MET:HG2	1:43:A:MET:HE1	7	0.28
(13,1670)	1:43:A:MET:HG2	1:43:A:MET:HE2	7	0.28
(13,1670)	1:43:A:MET:HG2	1:43:A:MET:HE3	7	0.28
(13,1670)	1:43:A:MET:HG2	1:43:A:MET:HE1	8	0.28
(13,1670)	1:43:A:MET:HG2	1:43:A:MET:HE2	8	0.28
(13,1670)	1:43:A:MET:HG2	1:43:A:MET:HE3	8	0.28
(13,1606)	1:26:A:ASP:HA	1:27:A:ARG:HB2	11	0.28
(13,1571)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	9	0.28
(13,1571)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	9	0.28
(13,1571)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	9	0.28
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	18	0.28
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	18	0.28
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	18	0.28
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	18	0.28
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	18	0.28
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	18	0.28
(13,1555)	1:98:A:ILE:HG21	1:116:A:GLN:H	7	0.28
(13,1555)	1:98:A:ILE:HG22	1:116:A:GLN:H	7	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1555)	1:98:A:ILE:HG23	1:116:A:GLN:H	7	0.28
(13,1535)	1:11:A:ILE:HD11	1:43:A:MET:H	18	0.28
(13,1535)	1:11:A:ILE:HD12	1:43:A:MET:H	18	0.28
(13,1535)	1:11:A:ILE:HD13	1:43:A:MET:H	18	0.28
(13,1505)	1:76:A:ARG:HG2	1:110:A:MET:HE1	16	0.28
(13,1505)	1:76:A:ARG:HG2	1:110:A:MET:HE2	16	0.28
(13,1505)	1:76:A:ARG:HG2	1:110:A:MET:HE3	16	0.28
(13,1505)	1:76:A:ARG:HG3	1:110:A:MET:HE1	16	0.28
(13,1505)	1:76:A:ARG:HG3	1:110:A:MET:HE2	16	0.28
(13,1505)	1:76:A:ARG:HG3	1:110:A:MET:HE3	16	0.28
(13,1490)	1:69:A:MET:HE1	1:116:A:GLN:HE21	2	0.28
(13,1490)	1:69:A:MET:HE2	1:116:A:GLN:HE21	2	0.28
(13,1490)	1:69:A:MET:HE3	1:116:A:GLN:HE21	2	0.28
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE1	5	0.28
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE2	5	0.28
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE3	5	0.28
(13,1400)	1:69:A:MET:HE1	1:73:A:ILE:HG21	18	0.28
(13,1400)	1:69:A:MET:HE1	1:73:A:ILE:HG22	18	0.28
(13,1400)	1:69:A:MET:HE1	1:73:A:ILE:HG23	18	0.28
(13,1400)	1:69:A:MET:HE2	1:73:A:ILE:HG21	18	0.28
(13,1400)	1:69:A:MET:HE2	1:73:A:ILE:HG22	18	0.28
(13,1400)	1:69:A:MET:HE2	1:73:A:ILE:HG23	18	0.28
(13,1400)	1:69:A:MET:HE3	1:73:A:ILE:HG21	18	0.28
(13,1400)	1:69:A:MET:HE3	1:73:A:ILE:HG22	18	0.28
(13,1400)	1:69:A:MET:HE3	1:73:A:ILE:HG23	18	0.28
(13,1326)	1:13:A:ALA:H	1:79:A:THR:HG21	18	0.28
(13,1326)	1:13:A:ALA:H	1:79:A:THR:HG22	18	0.28
(13,1326)	1:13:A:ALA:H	1:79:A:THR:HG23	18	0.28
(13,1265)	1:128:A:LEU:HD21	1:129:A:LYS:H	7	0.28
(13,1265)	1:128:A:LEU:HD22	1:129:A:LYS:H	7	0.28
(13,1265)	1:128:A:LEU:HD23	1:129:A:LYS:H	7	0.28
(13,1229)	1:23:A:LEU:HD11	1:24:A:ASP:H	5	0.28
(13,1229)	1:23:A:LEU:HD12	1:24:A:ASP:H	5	0.28
(13,1229)	1:23:A:LEU:HD13	1:24:A:ASP:H	5	0.28
(13,1229)	1:23:A:LEU:HD11	1:24:A:ASP:H	10	0.28
(13,1229)	1:23:A:LEU:HD12	1:24:A:ASP:H	10	0.28
(13,1229)	1:23:A:LEU:HD13	1:24:A:ASP:H	10	0.28
(13,1213)	1:39:A:VAL:H	1:139:A:LEU:HD21	3	0.28
(13,1213)	1:39:A:VAL:H	1:139:A:LEU:HD22	3	0.28
(13,1213)	1:39:A:VAL:H	1:139:A:LEU:HD23	3	0.28
(13,1196)	1:110:A:MET:HA	1:113:A:PHE:HB2	19	0.28
(13,1138)	1:150:A:THR:HG21	1:151:A:PHE:HA	18	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1138)	1:150:A:THR:HG22	1:151:A:PHE:HA	18	0.28
(13,1138)	1:150:A:THR:HG23	1:151:A:PHE:HA	18	0.28
(13,1128)	1:145:A:PRO:HB2	1:146:A:GLN:HA	4	0.28
(13,1107)	1:140:A:LEU:HA	1:144:A:LEU:HD21	17	0.28
(13,1107)	1:140:A:LEU:HA	1:144:A:LEU:HD22	17	0.28
(13,1107)	1:140:A:LEU:HA	1:144:A:LEU:HD23	17	0.28
(13,1073)	1:68:A:LYS:HA	1:72:A:PHE:HD1	16	0.28
(13,1073)	1:68:A:LYS:HA	1:72:A:PHE:HD2	16	0.28
(13,1068)	1:45:A:ALA:HA	1:48:A:ARG:HG2	12	0.28
(13,1068)	1:45:A:ALA:HA	1:48:A:ARG:HG3	12	0.28
(13,997)	1:34:A:LYS:H	1:81:A:GLU:HB2	18	0.28
(13,909)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	2	0.28
(13,909)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	2	0.28
(13,908)	1:34:A:LYS:H	1:81:A:GLU:HG2	5	0.28
(13,908)	1:34:A:LYS:H	1:81:A:GLU:HG3	5	0.28
(13,854)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	4	0.28
(13,854)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	4	0.28
(13,774)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	11	0.28
(13,774)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	11	0.28
(13,774)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	11	0.28
(13,774)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	11	0.28
(13,774)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	11	0.28
(13,774)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	11	0.28
(13,635)	1:66:A:THR:H	1:69:A:MET:HA	10	0.28
(13,579)	1:126:A:GLY:H	1:128:A:LEU:HB2	16	0.28
(13,574)	1:126:A:GLY:H	1:128:A:LEU:HG	10	0.28
(13,574)	1:126:A:GLY:H	1:128:A:LEU:HG	14	0.28
(13,315)	1:121:A:VAL:H	1:122:A:ASP:HA	11	0.28
(13,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	11	0.28
(13,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	11	0.28
(13,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	11	0.28
(13,262)	1:27:A:ARG:HB3	1:29:A:LYS:H	16	0.28
(13,246)	1:58:A:ILE:H	1:58:A:ILE:HG13	10	0.28
(13,130)	1:13:A:ALA:HB1	1:80:A:TYR:H	5	0.28
(13,130)	1:13:A:ALA:HB2	1:80:A:TYR:H	5	0.28
(13,130)	1:13:A:ALA:HB3	1:80:A:TYR:H	5	0.28
(13,113)	1:80:A:TYR:H	1:81:A:GLU:HG2	6	0.28
(13,113)	1:80:A:TYR:H	1:81:A:GLU:HG3	6	0.28
(13,62)	1:81:A:GLU:H	1:81:A:GLU:HG2	19	0.28
(13,62)	1:81:A:GLU:H	1:81:A:GLU:HG3	19	0.28
(13,15)	1:94:A:ALA:H	1:94:A:ALA:HB1	6	0.28
(13,15)	1:94:A:ALA:H	1:94:A:ALA:HB2	6	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,15)	1:94:A:ALA:H	1:94:A:ALA:HB3	6	0.28
(11,2417)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	4	0.28
(11,2417)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	4	0.28
(11,2417)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	4	0.28
(11,2417)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	4	0.28
(11,2417)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	4	0.28
(11,2417)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	4	0.28
(11,2417)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	4	0.28
(11,2417)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	4	0.28
(11,2417)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	4	0.28
(11,2417)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	4	0.28
(11,2417)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	4	0.28
(11,2417)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	4	0.28
(11,2384)	1:122:A:ASP:H	1:123:A:CYS:HB2	17	0.28
(11,2384)	1:122:A:ASP:H	1:123:A:CYS:HB3	17	0.28
(11,2303)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	4	0.28
(11,2303)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	4	0.28
(11,2303)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	4	0.28
(11,2303)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	4	0.28
(11,2303)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	4	0.28
(11,2303)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	4	0.28
(11,2303)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	4	0.28
(11,2303)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	4	0.28
(11,2303)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	4	0.28
(11,2303)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	4	0.28
(11,2303)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	4	0.28
(11,2303)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	4	0.28
(11,2286)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	8	0.28
(11,2286)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	8	0.28
(11,2286)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	8	0.28
(11,2286)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	8	0.28
(11,2253)	1:69:A:MET:HG2	1:70:A:LYS:HG2	9	0.28
(11,2253)	1:69:A:MET:HG2	1:70:A:LYS:HG3	9	0.28
(11,2253)	1:69:A:MET:HG3	1:70:A:LYS:HG2	9	0.28
(11,2253)	1:69:A:MET:HG3	1:70:A:LYS:HG3	9	0.28
(11,2240)	1:66:A:THR:HB	1:96:A:VAL:HG11	6	0.28
(11,2240)	1:66:A:THR:HB	1:96:A:VAL:HG12	6	0.28
(11,2240)	1:66:A:THR:HB	1:96:A:VAL:HG13	6	0.28
(11,2240)	1:66:A:THR:HB	1:96:A:VAL:HG21	6	0.28
(11,2240)	1:66:A:THR:HB	1:96:A:VAL:HG22	6	0.28
(11,2240)	1:66:A:THR:HB	1:96:A:VAL:HG23	6	0.28
(11,2218)	1:60:A:LEU:HD11	1:61:A:SER:HB2	8	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2218)	1:60:A:LEU:HD11	1:61:A:SER:HB3	8	0.28
(11,2218)	1:60:A:LEU:HD12	1:61:A:SER:HB2	8	0.28
(11,2218)	1:60:A:LEU:HD12	1:61:A:SER:HB3	8	0.28
(11,2218)	1:60:A:LEU:HD13	1:61:A:SER:HB2	8	0.28
(11,2218)	1:60:A:LEU:HD13	1:61:A:SER:HB3	8	0.28
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD11	6	0.28
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD12	6	0.28
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD13	6	0.28
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD21	6	0.28
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD22	6	0.28
(11,2178)	1:46:A:ASN:HD21	1:131:A:LEU:HD23	6	0.28
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD11	6	0.28
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD12	6	0.28
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD13	6	0.28
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD21	6	0.28
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD22	6	0.28
(11,2178)	1:46:A:ASN:HD22	1:131:A:LEU:HD23	6	0.28
(11,2142)	1:40:A:LEU:HD11	1:41:A:LYS:H	13	0.28
(11,2142)	1:40:A:LEU:HD12	1:41:A:LYS:H	13	0.28
(11,2142)	1:40:A:LEU:HD13	1:41:A:LYS:H	13	0.28
(11,2142)	1:40:A:LEU:HD21	1:41:A:LYS:H	13	0.28
(11,2142)	1:40:A:LEU:HD22	1:41:A:LYS:H	13	0.28
(11,2142)	1:40:A:LEU:HD23	1:41:A:LYS:H	13	0.28
(11,1958)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	1	0.28
(11,1958)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	1	0.28
(11,1958)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	1	0.28
(11,1958)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	1	0.28
(11,1958)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	1	0.28
(11,1958)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	1	0.28
(11,1918)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	17	0.28
(11,1918)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	17	0.28
(11,1918)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	17	0.28
(11,1918)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	17	0.28
(11,1904)	1:104:A:PHE:HE1	1:113:A:PHE:HA	6	0.28
(11,1904)	1:104:A:PHE:HE2	1:113:A:PHE:HA	6	0.28
(11,1886)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	18	0.28
(11,1886)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	18	0.28
(11,1853)	1:9:A:PHE:HZ	1:54:A:ARG:HA	14	0.28
(11,1844)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	6	0.28
(11,1844)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	6	0.28
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	6	0.28
(11,1829)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	6	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1814)	1:80:A:TYR:H	1:80:A:TYR:HD1	6	0.28
(11,1814)	1:80:A:TYR:H	1:80:A:TYR:HD2	6	0.28
(11,1814)	1:80:A:TYR:H	1:80:A:TYR:HD1	9	0.28
(11,1814)	1:80:A:TYR:H	1:80:A:TYR:HD2	9	0.28
(11,1788)	1:36:A:PRO:HG2	1:37:A:LEU:HG	4	0.28
(11,1740)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	10	0.28
(11,1738)	1:34:A:LYS:HA	1:35:A:LEU:HB3	6	0.28
(11,1707)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.28
(11,1707)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.28
(11,1672)	1:26:A:ASP:HA	1:27:A:ARG:HB2	11	0.28
(11,1635)	1:119:A:LEU:H	1:121:A:VAL:HG11	18	0.28
(11,1635)	1:119:A:LEU:H	1:121:A:VAL:HG12	18	0.28
(11,1635)	1:119:A:LEU:H	1:121:A:VAL:HG13	18	0.28
(11,1593)	1:11:A:ILE:HD11	1:43:A:MET:H	18	0.28
(11,1593)	1:11:A:ILE:HD12	1:43:A:MET:H	18	0.28
(11,1593)	1:11:A:ILE:HD13	1:43:A:MET:H	18	0.28
(11,1547)	1:69:A:MET:HE1	1:113:A:PHE:HB3	5	0.28
(11,1547)	1:69:A:MET:HE2	1:113:A:PHE:HB3	5	0.28
(11,1547)	1:69:A:MET:HE3	1:113:A:PHE:HB3	5	0.28
(11,1546)	1:110:A:MET:HE1	1:113:A:PHE:HA	6	0.28
(11,1546)	1:110:A:MET:HE2	1:113:A:PHE:HA	6	0.28
(11,1546)	1:110:A:MET:HE3	1:113:A:PHE:HA	6	0.28
(11,1450)	1:119:A:LEU:HA	1:121:A:VAL:HG21	18	0.28
(11,1450)	1:119:A:LEU:HA	1:121:A:VAL:HG22	18	0.28
(11,1450)	1:119:A:LEU:HA	1:121:A:VAL:HG23	18	0.28
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG21	17	0.28
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG22	17	0.28
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG23	17	0.28
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG21	17	0.28
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG22	17	0.28
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG23	17	0.28
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG21	17	0.28
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG22	17	0.28
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG23	17	0.28
(11,1434)	1:73:A:ILE:HG21	1:110:A:MET:H	11	0.28
(11,1434)	1:73:A:ILE:HG22	1:110:A:MET:H	11	0.28
(11,1434)	1:73:A:ILE:HG23	1:110:A:MET:H	11	0.28
(11,1426)	1:132:A:ALA:HB1	1:133:A:ASN:HB2	19	0.28
(11,1426)	1:132:A:ALA:HB2	1:133:A:ASN:HB2	19	0.28
(11,1426)	1:132:A:ALA:HB3	1:133:A:ASN:HB2	19	0.28
(11,1349)	1:64:A:LYS:HA	1:64:A:LYS:HD2	10	0.28
(11,1349)	1:64:A:LYS:HA	1:64:A:LYS:HD3	10	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1343)	1:107:A:LEU:HA	1:108:A:GLU:HG2	5	0.28
(11,1343)	1:107:A:LEU:HA	1:108:A:GLU:HG2	16	0.28
(11,1317)	1:11:A:ILE:HA	1:14:A:VAL:HG11	15	0.28
(11,1317)	1:11:A:ILE:HA	1:14:A:VAL:HG12	15	0.28
(11,1317)	1:11:A:ILE:HA	1:14:A:VAL:HG13	15	0.28
(11,1307)	1:68:A:LYS:HG2	1:70:A:LYS:H	7	0.28
(11,1307)	1:68:A:LYS:HG3	1:70:A:LYS:H	7	0.28
(11,1236)	1:110:A:MET:HA	1:113:A:PHE:HB2	19	0.28
(11,1179)	1:140:A:LEU:HD21	1:144:A:LEU:H	1	0.28
(11,1179)	1:140:A:LEU:HD22	1:144:A:LEU:H	1	0.28
(11,1179)	1:140:A:LEU:HD23	1:144:A:LEU:H	1	0.28
(11,1172)	1:150:A:THR:HG21	1:151:A:PHE:HA	18	0.28
(11,1172)	1:150:A:THR:HG22	1:151:A:PHE:HA	18	0.28
(11,1172)	1:150:A:THR:HG23	1:151:A:PHE:HA	18	0.28
(11,1066)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	14	0.28
(11,1066)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	14	0.28
(11,981)	1:31:A:PRO:HB2	1:33:A:LYS:H	13	0.28
(11,981)	1:31:A:PRO:HB3	1:33:A:LYS:H	13	0.28
(11,964)	1:15:A:ALA:HB1	1:43:A:MET:HB2	6	0.28
(11,964)	1:15:A:ALA:HB2	1:43:A:MET:HB2	6	0.28
(11,964)	1:15:A:ALA:HB3	1:43:A:MET:HB2	6	0.28
(11,810)	1:64:A:LYS:H	1:98:A:ILE:HD11	2	0.28
(11,810)	1:64:A:LYS:H	1:98:A:ILE:HD12	2	0.28
(11,810)	1:64:A:LYS:H	1:98:A:ILE:HD13	2	0.28
(11,780)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	8	0.28
(11,780)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	8	0.28
(11,780)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	8	0.28
(11,780)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	8	0.28
(11,780)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	8	0.28
(11,780)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	8	0.28
(11,643)	1:66:A:THR:H	1:69:A:MET:HA	10	0.28
(11,631)	1:9:A:PHE:HD1	1:58:A:ILE:H	10	0.28
(11,631)	1:9:A:PHE:HD2	1:58:A:ILE:H	10	0.28
(11,587)	1:126:A:GLY:H	1:128:A:LEU:HB2	16	0.28
(11,564)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	1	0.28
(11,564)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	1	0.28
(11,564)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	1	0.28
(11,436)	1:68:A:LYS:H	1:68:A:LYS:HE2	17	0.28
(11,436)	1:68:A:LYS:H	1:68:A:LYS:HE3	17	0.28
(11,133)	1:13:A:ALA:HB1	1:80:A:TYR:H	5	0.28
(11,133)	1:13:A:ALA:HB2	1:80:A:TYR:H	5	0.28
(11,133)	1:13:A:ALA:HB3	1:80:A:TYR:H	5	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,115)	1:80:A:TYR:H	1:81:A:GLU:HG2	6	0.28
(11,115)	1:80:A:TYR:H	1:81:A:GLU:HG3	6	0.28
(11,55)	1:98:A:ILE:H	1:101:A:ILE:HG21	5	0.28
(11,55)	1:98:A:ILE:H	1:101:A:ILE:HG22	5	0.28
(11,55)	1:98:A:ILE:H	1:101:A:ILE:HG23	5	0.28
(11,18)	1:94:A:ALA:H	1:94:A:ALA:HB1	6	0.28
(11,18)	1:94:A:ALA:H	1:94:A:ALA:HB2	6	0.28
(11,18)	1:94:A:ALA:H	1:94:A:ALA:HB3	6	0.28
(9,2328)	1:122:A:ASP:H	1:123:A:CYS:HB2	17	0.28
(9,2328)	1:122:A:ASP:H	1:123:A:CYS:HB3	17	0.28
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD11	15	0.28
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD12	15	0.28
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD13	15	0.28
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD21	15	0.28
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD22	15	0.28
(9,2137)	1:48:A:ARG:H	1:131:A:LEU:HD23	15	0.28
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD11	2	0.28
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD12	2	0.28
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD13	2	0.28
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD21	2	0.28
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD22	2	0.28
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD23	2	0.28
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	18	0.28
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	18	0.28
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	18	0.28
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	18	0.28
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	18	0.28
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	18	0.28
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	18	0.28
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	18	0.28
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	18	0.28
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	18	0.28
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	18	0.28
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	18	0.28
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	18	0.28
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	18	0.28
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	18	0.28
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	18	0.28
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	18	0.28
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	18	0.28
(9,1934)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	1	0.28
(9,1934)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	1	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1934)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	1	0.28
(9,1934)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	1	0.28
(9,1934)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	1	0.28
(9,1934)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	1	0.28
(9,1926)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	7	0.28
(9,1926)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	7	0.28
(9,1926)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	7	0.28
(9,1926)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	7	0.28
(9,1926)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	7	0.28
(9,1926)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	7	0.28
(9,1926)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	7	0.28
(9,1926)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	7	0.28
(9,1926)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	7	0.28
(9,1926)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	7	0.28
(9,1926)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	7	0.28
(9,1926)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	7	0.28
(9,1903)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	2	0.28
(9,1903)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	2	0.28
(9,1903)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	2	0.28
(9,1903)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	2	0.28
(9,1903)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	2	0.28
(9,1903)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	2	0.28
(9,1875)	1:72:A:PHE:HD1	1:109:A:PRO:HD2	7	0.28
(9,1875)	1:72:A:PHE:HD2	1:109:A:PRO:HD2	7	0.28
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB1	3	0.28
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB2	3	0.28
(9,1844)	1:9:A:PHE:HD1	1:13:A:ALA:HB3	3	0.28
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB1	3	0.28
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB2	3	0.28
(9,1844)	1:9:A:PHE:HD2	1:13:A:ALA:HB3	3	0.28
(9,1731)	1:31:A:PRO:HB2	1:35:A:LEU:HA	2	0.28
(9,1731)	1:31:A:PRO:HB3	1:35:A:LEU:HA	2	0.28
(9,1697)	1:34:A:LYS:HA	1:35:A:LEU:HB3	6	0.28
(9,1693)	1:43:A:MET:HG2	1:43:A:MET:HE1	7	0.28
(9,1693)	1:43:A:MET:HG2	1:43:A:MET:HE2	7	0.28
(9,1693)	1:43:A:MET:HG2	1:43:A:MET:HE3	7	0.28
(9,1693)	1:43:A:MET:HG2	1:43:A:MET:HE1	8	0.28
(9,1693)	1:43:A:MET:HG2	1:43:A:MET:HE2	8	0.28
(9,1693)	1:43:A:MET:HG2	1:43:A:MET:HE3	8	0.28
(9,1664)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.28
(9,1664)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.28
(9,1628)	1:26:A:ASP:HA	1:27:A:ARG:HB2	11	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1611)	1:149:A:ALA:HB1	1:151:A:PHE:HA	3	0.28
(9,1611)	1:149:A:ALA:HB2	1:151:A:PHE:HA	3	0.28
(9,1611)	1:149:A:ALA:HB3	1:151:A:PHE:HA	3	0.28
(9,1596)	1:119:A:LEU:H	1:121:A:VAL:HG11	18	0.28
(9,1596)	1:119:A:LEU:H	1:121:A:VAL:HG12	18	0.28
(9,1596)	1:119:A:LEU:H	1:121:A:VAL:HG13	18	0.28
(9,1546)	1:38:A:GLU:HA	1:139:A:LEU:HD21	8	0.28
(9,1546)	1:38:A:GLU:HA	1:139:A:LEU:HD22	8	0.28
(9,1546)	1:38:A:GLU:HA	1:139:A:LEU:HD23	8	0.28
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE1	5	0.28
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE2	5	0.28
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE3	5	0.28
(9,1486)	1:114:A:ILE:HG21	1:117:A:VAL:H	2	0.28
(9,1486)	1:114:A:ILE:HG22	1:117:A:VAL:H	2	0.28
(9,1486)	1:114:A:ILE:HG23	1:117:A:VAL:H	2	0.28
(9,1463)	1:67:A:PRO:HD3	1:95:A:ILE:HA	5	0.28
(9,1432)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	6	0.28
(9,1432)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	6	0.28
(9,1432)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	6	0.28
(9,1426)	1:119:A:LEU:HA	1:121:A:VAL:HG21	18	0.28
(9,1426)	1:119:A:LEU:HA	1:121:A:VAL:HG22	18	0.28
(9,1426)	1:119:A:LEU:HA	1:121:A:VAL:HG23	18	0.28
(9,1409)	1:73:A:ILE:HG21	1:110:A:MET:H	11	0.28
(9,1409)	1:73:A:ILE:HG22	1:110:A:MET:H	11	0.28
(9,1409)	1:73:A:ILE:HG23	1:110:A:MET:H	11	0.28
(9,1398)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	12	0.28
(9,1398)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	12	0.28
(9,1398)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	12	0.28
(9,1347)	1:13:A:ALA:H	1:79:A:THR:HG21	18	0.28
(9,1347)	1:13:A:ALA:H	1:79:A:THR:HG22	18	0.28
(9,1347)	1:13:A:ALA:H	1:79:A:THR:HG23	18	0.28
(9,1329)	1:101:A:ILE:H	1:119:A:LEU:HD11	8	0.28
(9,1329)	1:101:A:ILE:H	1:119:A:LEU:HD12	8	0.28
(9,1329)	1:101:A:ILE:H	1:119:A:LEU:HD13	8	0.28
(9,1321)	1:107:A:LEU:HA	1:108:A:GLU:HG2	5	0.28
(9,1321)	1:107:A:LEU:HA	1:108:A:GLU:HG2	16	0.28
(9,1230)	1:140:A:LEU:HA	1:144:A:LEU:HD21	17	0.28
(9,1230)	1:140:A:LEU:HA	1:144:A:LEU:HD22	17	0.28
(9,1230)	1:140:A:LEU:HA	1:144:A:LEU:HD23	17	0.28
(9,1152)	1:71:A:LYS:HA	1:71:A:LYS:HE2	1	0.28
(9,1152)	1:71:A:LYS:HA	1:71:A:LYS:HE3	1	0.28
(9,1120)	1:105:A:LYS:HA	1:105:A:LYS:HG2	7	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1094)	1:141:A:LYS:HA	1:148:A:CYS:HB2	12	0.28
(9,1037)	1:11:A:ILE:HA	1:11:A:ILE:HD11	11	0.28
(9,1037)	1:11:A:ILE:HA	1:11:A:ILE:HD12	11	0.28
(9,1037)	1:11:A:ILE:HA	1:11:A:ILE:HD13	11	0.28
(9,975)	1:31:A:PRO:HB2	1:33:A:LYS:H	13	0.28
(9,975)	1:31:A:PRO:HB3	1:33:A:LYS:H	13	0.28
(9,915)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	16	0.28
(9,915)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	16	0.28
(9,915)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	16	0.28
(9,810)	1:64:A:LYS:H	1:98:A:ILE:HD11	2	0.28
(9,810)	1:64:A:LYS:H	1:98:A:ILE:HD12	2	0.28
(9,810)	1:64:A:LYS:H	1:98:A:ILE:HD13	2	0.28
(9,692)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	12	0.28
(9,692)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	12	0.28
(9,692)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	12	0.28
(9,534)	1:70:A:LYS:HB2	1:72:A:PHE:H	12	0.28
(9,534)	1:70:A:LYS:HB3	1:72:A:PHE:H	12	0.28
(9,534)	1:70:A:LYS:HB2	1:72:A:PHE:H	16	0.28
(9,534)	1:70:A:LYS:HB3	1:72:A:PHE:H	16	0.28
(9,504)	1:105:A:LYS:H	1:105:A:LYS:HG2	10	0.28
(9,504)	1:105:A:LYS:H	1:105:A:LYS:HG3	10	0.28
(9,269)	1:27:A:ARG:HB3	1:29:A:LYS:H	16	0.28
(9,131)	1:13:A:ALA:HB1	1:80:A:TYR:H	5	0.28
(9,131)	1:13:A:ALA:HB2	1:80:A:TYR:H	5	0.28
(9,131)	1:13:A:ALA:HB3	1:80:A:TYR:H	5	0.28
(9,43)	1:98:A:ILE:H	1:105:A:LYS:HA	13	0.28
(9,34)	1:95:A:ILE:HB	1:96:A:VAL:H	6	0.28
(9,15)	1:94:A:ALA:H	1:94:A:ALA:HB1	6	0.28
(9,15)	1:94:A:ALA:H	1:94:A:ALA:HB2	6	0.28
(9,15)	1:94:A:ALA:H	1:94:A:ALA:HB3	6	0.28
(7,2454)	1:141:A:LYS:HA	1:145:A:PRO:HD2	6	0.28
(7,2454)	1:141:A:LYS:HA	1:145:A:PRO:HD3	6	0.28
(7,2447)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	7	0.28
(7,2447)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	7	0.28
(7,2447)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	7	0.28
(7,2447)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	7	0.28
(7,2447)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	7	0.28
(7,2447)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	7	0.28
(7,2313)	1:107:A:LEU:HA	1:108:A:GLU:HG2	1	0.28
(7,2313)	1:107:A:LEU:HA	1:108:A:GLU:HG3	1	0.28
(7,2313)	1:107:A:LEU:HA	1:108:A:GLU:HG2	3	0.28
(7,2313)	1:107:A:LEU:HA	1:108:A:GLU:HG3	3	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2254)	1:81:A:GLU:H	1:81:A:GLU:HB2	12	0.28
(7,2254)	1:81:A:GLU:H	1:81:A:GLU:HB3	12	0.28
(7,2247)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	8	0.28
(7,2247)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	8	0.28
(7,2247)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	8	0.28
(7,2247)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	8	0.28
(7,2218)	1:66:A:THR:HB	1:96:A:VAL:HG11	6	0.28
(7,2218)	1:66:A:THR:HB	1:96:A:VAL:HG12	6	0.28
(7,2218)	1:66:A:THR:HB	1:96:A:VAL:HG13	6	0.28
(7,2218)	1:66:A:THR:HB	1:96:A:VAL:HG21	6	0.28
(7,2218)	1:66:A:THR:HB	1:96:A:VAL:HG22	6	0.28
(7,2218)	1:66:A:THR:HB	1:96:A:VAL:HG23	6	0.28
(7,2184)	1:60:A:LEU:HD11	1:123:A:CYS:H	12	0.28
(7,2184)	1:60:A:LEU:HD12	1:123:A:CYS:H	12	0.28
(7,2184)	1:60:A:LEU:HD13	1:123:A:CYS:H	12	0.28
(7,2184)	1:60:A:LEU:HD21	1:123:A:CYS:H	12	0.28
(7,2184)	1:60:A:LEU:HD22	1:123:A:CYS:H	12	0.28
(7,2184)	1:60:A:LEU:HD23	1:123:A:CYS:H	12	0.28
(7,2145)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	10	0.28
(7,2145)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	10	0.28
(7,2145)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	10	0.28
(7,2145)	1:47:A:ALA:HB1	1:57:A:LEU:HD21	10	0.28
(7,2145)	1:47:A:ALA:HB1	1:57:A:LEU:HD22	10	0.28
(7,2145)	1:47:A:ALA:HB1	1:57:A:LEU:HD23	10	0.28
(7,2145)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	10	0.28
(7,2145)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	10	0.28
(7,2145)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	10	0.28
(7,2145)	1:47:A:ALA:HB2	1:57:A:LEU:HD21	10	0.28
(7,2145)	1:47:A:ALA:HB2	1:57:A:LEU:HD22	10	0.28
(7,2145)	1:47:A:ALA:HB2	1:57:A:LEU:HD23	10	0.28
(7,2145)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	10	0.28
(7,2145)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	10	0.28
(7,2145)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	10	0.28
(7,2145)	1:47:A:ALA:HB3	1:57:A:LEU:HD21	10	0.28
(7,2145)	1:47:A:ALA:HB3	1:57:A:LEU:HD22	10	0.28
(7,2145)	1:47:A:ALA:HB3	1:57:A:LEU:HD23	10	0.28
(7,2104)	1:40:A:LEU:HD11	1:43:A:MET:HB3	7	0.28
(7,2104)	1:40:A:LEU:HD12	1:43:A:MET:HB3	7	0.28
(7,2104)	1:40:A:LEU:HD13	1:43:A:MET:HB3	7	0.28
(7,2104)	1:40:A:LEU:HD21	1:43:A:MET:HB3	7	0.28
(7,2104)	1:40:A:LEU:HD22	1:43:A:MET:HB3	7	0.28
(7,2104)	1:40:A:LEU:HD23	1:43:A:MET:HB3	7	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD11	7	0.28
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD12	7	0.28
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD13	7	0.28
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD21	7	0.28
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD22	7	0.28
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD23	7	0.28
(7,2083)	1:39:A:VAL:HG11	1:42:A:GLU:HB2	1	0.28
(7,2083)	1:39:A:VAL:HG11	1:42:A:GLU:HB3	1	0.28
(7,2083)	1:39:A:VAL:HG12	1:42:A:GLU:HB2	1	0.28
(7,2083)	1:39:A:VAL:HG12	1:42:A:GLU:HB3	1	0.28
(7,2083)	1:39:A:VAL:HG13	1:42:A:GLU:HB2	1	0.28
(7,2083)	1:39:A:VAL:HG13	1:42:A:GLU:HB3	1	0.28
(7,2083)	1:39:A:VAL:HG21	1:42:A:GLU:HB2	1	0.28
(7,2083)	1:39:A:VAL:HG21	1:42:A:GLU:HB3	1	0.28
(7,2083)	1:39:A:VAL:HG22	1:42:A:GLU:HB2	1	0.28
(7,2083)	1:39:A:VAL:HG22	1:42:A:GLU:HB3	1	0.28
(7,2083)	1:39:A:VAL:HG23	1:42:A:GLU:HB2	1	0.28
(7,2083)	1:39:A:VAL:HG23	1:42:A:GLU:HB3	1	0.28
(7,2083)	1:39:A:VAL:HG11	1:42:A:GLU:HB2	7	0.28
(7,2083)	1:39:A:VAL:HG11	1:42:A:GLU:HB3	7	0.28
(7,2083)	1:39:A:VAL:HG12	1:42:A:GLU:HB2	7	0.28
(7,2083)	1:39:A:VAL:HG12	1:42:A:GLU:HB3	7	0.28
(7,2083)	1:39:A:VAL:HG13	1:42:A:GLU:HB2	7	0.28
(7,2083)	1:39:A:VAL:HG13	1:42:A:GLU:HB3	7	0.28
(7,2083)	1:39:A:VAL:HG21	1:42:A:GLU:HB2	7	0.28
(7,2083)	1:39:A:VAL:HG21	1:42:A:GLU:HB3	7	0.28
(7,2083)	1:39:A:VAL:HG22	1:42:A:GLU:HB2	7	0.28
(7,2083)	1:39:A:VAL:HG22	1:42:A:GLU:HB3	7	0.28
(7,2083)	1:39:A:VAL:HG23	1:42:A:GLU:HB2	7	0.28
(7,2083)	1:39:A:VAL:HG23	1:42:A:GLU:HB3	7	0.28
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD11	8	0.28
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD12	8	0.28
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD13	8	0.28
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD21	8	0.28
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD22	8	0.28
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD23	8	0.28
(7,1995)	1:23:A:LEU:HD11	1:24:A:ASP:H	1	0.28
(7,1995)	1:23:A:LEU:HD12	1:24:A:ASP:H	1	0.28
(7,1995)	1:23:A:LEU:HD13	1:24:A:ASP:H	1	0.28
(7,1995)	1:23:A:LEU:HD21	1:24:A:ASP:H	1	0.28
(7,1995)	1:23:A:LEU:HD22	1:24:A:ASP:H	1	0.28
(7,1995)	1:23:A:LEU:HD23	1:24:A:ASP:H	1	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1971)	1:18:A:PHE:HB2	1:132:A:ALA:HA	18	0.28
(7,1971)	1:18:A:PHE:HB3	1:132:A:ALA:HA	18	0.28
(7,1928)	1:12:A:VAL:HA	1:43:A:MET:HG2	5	0.28
(7,1928)	1:12:A:VAL:HA	1:43:A:MET:HG3	5	0.28
(7,1910)	1:10:A:ASN:HD21	1:80:A:TYR:H	4	0.28
(7,1910)	1:10:A:ASN:HD22	1:80:A:TYR:H	4	0.28
(7,1888)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	7	0.28
(7,1888)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	7	0.28
(7,1888)	1:8:A:ASP:HB3	1:9:A:PHE:HD1	7	0.28
(7,1888)	1:8:A:ASP:HB3	1:9:A:PHE:HD2	7	0.28
(7,1865)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	4	0.28
(7,1865)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	4	0.28
(7,1865)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	4	0.28
(7,1865)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	4	0.28
(7,1865)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	4	0.28
(7,1865)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	4	0.28
(7,1865)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	10	0.28
(7,1865)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	10	0.28
(7,1865)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	10	0.28
(7,1865)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	10	0.28
(7,1865)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	10	0.28
(7,1865)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	10	0.28
(7,1865)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	13	0.28
(7,1865)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	13	0.28
(7,1865)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	13	0.28
(7,1865)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	13	0.28
(7,1865)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	13	0.28
(7,1865)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	13	0.28
(7,1857)	1:104:A:PHE:HE1	1:113:A:PHE:HA	5	0.28
(7,1857)	1:104:A:PHE:HE2	1:113:A:PHE:HA	5	0.28
(7,1837)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	18	0.28
(7,1837)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	18	0.28
(7,1782)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	6	0.28
(7,1782)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	6	0.28
(7,1775)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	12	0.28
(7,1775)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	12	0.28
(7,1775)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	12	0.28
(7,1775)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	12	0.28
(7,1775)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	12	0.28
(7,1775)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	12	0.28
(7,1761)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	6	0.28
(7,1761)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	6	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1761)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	6	0.28
(7,1761)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	6	0.28
(7,1761)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	6	0.28
(7,1761)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	6	0.28
(7,1672)	1:34:A:LYS:HA	1:35:A:LEU:HB3	6	0.28
(7,1663)	1:57:A:LEU:HB3	1:58:A:ILE:HD11	14	0.28
(7,1663)	1:57:A:LEU:HB3	1:58:A:ILE:HD12	14	0.28
(7,1663)	1:57:A:LEU:HB3	1:58:A:ILE:HD13	14	0.28
(7,1593)	1:149:A:ALA:HB1	1:151:A:PHE:HA	3	0.28
(7,1593)	1:149:A:ALA:HB2	1:151:A:PHE:HA	3	0.28
(7,1593)	1:149:A:ALA:HB3	1:151:A:PHE:HA	3	0.28
(7,1574)	1:119:A:LEU:H	1:121:A:VAL:HG11	18	0.28
(7,1574)	1:119:A:LEU:H	1:121:A:VAL:HG12	18	0.28
(7,1574)	1:119:A:LEU:H	1:121:A:VAL:HG13	18	0.28
(7,1558)	1:98:A:ILE:HG21	1:116:A:GLN:H	7	0.28
(7,1558)	1:98:A:ILE:HG22	1:116:A:GLN:H	7	0.28
(7,1558)	1:98:A:ILE:HG23	1:116:A:GLN:H	7	0.28
(7,1540)	1:11:A:ILE:HD11	1:43:A:MET:H	18	0.28
(7,1540)	1:11:A:ILE:HD12	1:43:A:MET:H	18	0.28
(7,1540)	1:11:A:ILE:HD13	1:43:A:MET:H	18	0.28
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE1	7	0.28
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE2	7	0.28
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE3	7	0.28
(7,1471)	1:114:A:ILE:HG21	1:117:A:VAL:H	2	0.28
(7,1471)	1:114:A:ILE:HG22	1:117:A:VAL:H	2	0.28
(7,1471)	1:114:A:ILE:HG23	1:117:A:VAL:H	2	0.28
(7,1414)	1:119:A:LEU:HA	1:121:A:VAL:HG21	18	0.28
(7,1414)	1:119:A:LEU:HA	1:121:A:VAL:HG22	18	0.28
(7,1414)	1:119:A:LEU:HA	1:121:A:VAL:HG23	18	0.28
(7,1409)	1:69:A:MET:HE1	1:73:A:ILE:HG21	5	0.28
(7,1409)	1:69:A:MET:HE1	1:73:A:ILE:HG22	5	0.28
(7,1409)	1:69:A:MET:HE1	1:73:A:ILE:HG23	5	0.28
(7,1409)	1:69:A:MET:HE2	1:73:A:ILE:HG21	5	0.28
(7,1409)	1:69:A:MET:HE2	1:73:A:ILE:HG22	5	0.28
(7,1409)	1:69:A:MET:HE2	1:73:A:ILE:HG23	5	0.28
(7,1409)	1:69:A:MET:HE3	1:73:A:ILE:HG21	5	0.28
(7,1409)	1:69:A:MET:HE3	1:73:A:ILE:HG22	5	0.28
(7,1409)	1:69:A:MET:HE3	1:73:A:ILE:HG23	5	0.28
(7,1388)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	10	0.28
(7,1388)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	10	0.28
(7,1388)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	10	0.28
(7,1327)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	2	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1327)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	2	0.28
(7,1327)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	2	0.28
(7,1327)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	2	0.28
(7,1327)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	2	0.28
(7,1327)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	2	0.28
(7,1311)	1:64:A:LYS:HA	1:64:A:LYS:HD2	10	0.28
(7,1311)	1:64:A:LYS:HA	1:64:A:LYS:HD3	10	0.28
(7,1248)	1:15:A:ALA:HA	1:131:A:LEU:HB2	15	0.28
(7,961)	1:31:A:PRO:HB2	1:33:A:LYS:H	13	0.28
(7,961)	1:31:A:PRO:HB3	1:33:A:LYS:H	13	0.28
(7,945)	1:70:A:LYS:HB2	1:74:A:PRO:HA	6	0.28
(7,945)	1:70:A:LYS:HB3	1:74:A:PRO:HA	6	0.28
(7,914)	1:34:A:LYS:H	1:81:A:GLU:HG2	5	0.28
(7,914)	1:34:A:LYS:H	1:81:A:GLU:HG3	5	0.28
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB2	17	0.28
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB3	17	0.28
(7,836)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	16	0.28
(7,836)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	16	0.28
(7,836)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	16	0.28
(7,732)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	19	0.28
(7,642)	1:66:A:THR:H	1:69:A:MET:HA	10	0.28
(7,593)	1:28:A:GLY:H	1:29:A:LYS:HG2	12	0.28
(7,593)	1:28:A:GLY:H	1:29:A:LYS:HG3	12	0.28
(7,559)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	1	0.28
(7,559)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	1	0.28
(7,559)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	1	0.28
(7,297)	1:128:A:LEU:HB3	1:129:A:LYS:H	17	0.28
(7,131)	1:13:A:ALA:HB1	1:80:A:TYR:H	5	0.28
(7,131)	1:13:A:ALA:HB2	1:80:A:TYR:H	5	0.28
(7,131)	1:13:A:ALA:HB3	1:80:A:TYR:H	5	0.28
(7,114)	1:80:A:TYR:H	1:81:A:GLU:HG2	4	0.28
(7,114)	1:80:A:TYR:H	1:81:A:GLU:HG3	4	0.28
(7,89)	1:96:A:VAL:H	1:97:A:ASP:H	10	0.28
(7,62)	1:81:A:GLU:H	1:81:A:GLU:HG2	19	0.28
(7,62)	1:81:A:GLU:H	1:81:A:GLU:HG3	19	0.28
(7,14)	1:94:A:ALA:H	1:94:A:ALA:HB1	6	0.28
(7,14)	1:94:A:ALA:H	1:94:A:ALA:HB2	6	0.28
(7,14)	1:94:A:ALA:H	1:94:A:ALA:HB3	6	0.28
(6,2455)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	7	0.28
(6,2455)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	7	0.28
(6,2455)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	7	0.28
(6,2455)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	7	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2455)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	7	0.28
(6,2455)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	7	0.28
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG11	4	0.28
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG12	4	0.28
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG13	4	0.28
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG21	4	0.28
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG22	4	0.28
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG23	4	0.28
(6,2361)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	6	0.28
(6,2361)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	6	0.28
(6,2361)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	6	0.28
(6,2361)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	6	0.28
(6,2361)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	6	0.28
(6,2361)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	6	0.28
(6,2361)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	6	0.28
(6,2361)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	6	0.28
(6,2361)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	6	0.28
(6,2361)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	6	0.28
(6,2361)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	6	0.28
(6,2361)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	6	0.28
(6,2361)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	6	0.28
(6,2361)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	6	0.28
(6,2361)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	6	0.28
(6,2361)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	6	0.28
(6,2361)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	6	0.28
(6,2361)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	6	0.28
(6,2350)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	12	0.28
(6,2350)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	12	0.28
(6,2350)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	12	0.28
(6,2350)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	12	0.28
(6,2350)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	12	0.28
(6,2350)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	12	0.28
(6,2322)	1:105:A:LYS:HG2	1:112:A:GLN:HE21	17	0.28
(6,2322)	1:105:A:LYS:HG3	1:112:A:GLN:HE21	17	0.28
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	14	0.28
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	14	0.28
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	14	0.28
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	14	0.28
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	14	0.28
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	14	0.28
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG11	17	0.28
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG12	17	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG13	17	0.28
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG21	17	0.28
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG22	17	0.28
(6,2151)	1:43:A:MET:HE1	1:134:A:VAL:HG23	17	0.28
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG11	17	0.28
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG12	17	0.28
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG13	17	0.28
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG21	17	0.28
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG22	17	0.28
(6,2151)	1:43:A:MET:HE2	1:134:A:VAL:HG23	17	0.28
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG11	17	0.28
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG12	17	0.28
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG13	17	0.28
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG21	17	0.28
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG22	17	0.28
(6,2151)	1:43:A:MET:HE3	1:134:A:VAL:HG23	17	0.28
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG11	18	0.28
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG12	18	0.28
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG13	18	0.28
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG21	18	0.28
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG22	18	0.28
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG23	18	0.28
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	13	0.28
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	13	0.28
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	13	0.28
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	13	0.28
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	13	0.28
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	13	0.28
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	13	0.28
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	13	0.28
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	13	0.28
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	13	0.28
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	13	0.28
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	13	0.28
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	13	0.28
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	13	0.28
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	13	0.28
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	13	0.28
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	13	0.28
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	13	0.28
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	13	0.28
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	13	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	13	0.28
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	13	0.28
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	13	0.28
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	13	0.28
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	13	0.28
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	13	0.28
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	13	0.28
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	13	0.28
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	13	0.28
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	13	0.28
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	13	0.28
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	13	0.28
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	13	0.28
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	13	0.28
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	13	0.28
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	13	0.28
(6,1985)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	19	0.28
(6,1985)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	19	0.28
(6,1985)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	19	0.28
(6,1985)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	19	0.28
(6,1985)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	19	0.28
(6,1985)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	19	0.28
(6,1985)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	19	0.28
(6,1985)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	19	0.28
(6,1985)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	19	0.28
(6,1985)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	19	0.28
(6,1985)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	19	0.28
(6,1985)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	19	0.28
(6,1984)	1:12:A:VAL:HG11	1:43:A:MET:HB2	4	0.28
(6,1984)	1:12:A:VAL:HG11	1:43:A:MET:HB3	4	0.28
(6,1984)	1:12:A:VAL:HG12	1:43:A:MET:HB2	4	0.28
(6,1984)	1:12:A:VAL:HG12	1:43:A:MET:HB3	4	0.28
(6,1984)	1:12:A:VAL:HG13	1:43:A:MET:HB2	4	0.28
(6,1984)	1:12:A:VAL:HG13	1:43:A:MET:HB3	4	0.28
(6,1984)	1:12:A:VAL:HG21	1:43:A:MET:HB2	4	0.28
(6,1984)	1:12:A:VAL:HG21	1:43:A:MET:HB3	4	0.28
(6,1984)	1:12:A:VAL:HG22	1:43:A:MET:HB2	4	0.28
(6,1984)	1:12:A:VAL:HG22	1:43:A:MET:HB3	4	0.28
(6,1984)	1:12:A:VAL:HG23	1:43:A:MET:HB2	4	0.28
(6,1984)	1:12:A:VAL:HG23	1:43:A:MET:HB3	4	0.28
(6,1975)	1:12:A:VAL:HA	1:43:A:MET:HG2	5	0.28
(6,1975)	1:12:A:VAL:HA	1:43:A:MET:HG3	5	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1955)	1:10:A:ASN:HD21	1:80:A:TYR:H	4	0.28
(6,1955)	1:10:A:ASN:HD22	1:80:A:TYR:H	4	0.28
(6,1951)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	1	0.28
(6,1951)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	1	0.28
(6,1951)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	1	0.28
(6,1951)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	1	0.28
(6,1951)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	1	0.28
(6,1951)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	1	0.28
(6,1909)	1:113:A:PHE:HD1	1:114:A:ILE:HB	7	0.28
(6,1909)	1:113:A:PHE:HD2	1:114:A:ILE:HB	7	0.28
(6,1908)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	17	0.28
(6,1908)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	17	0.28
(6,1908)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	17	0.28
(6,1908)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	17	0.28
(6,1895)	1:104:A:PHE:HE1	1:113:A:PHE:HA	5	0.28
(6,1895)	1:104:A:PHE:HE2	1:113:A:PHE:HA	5	0.28
(6,1890)	1:68:A:LYS:HA	1:72:A:PHE:HE1	16	0.28
(6,1890)	1:68:A:LYS:HA	1:72:A:PHE:HE2	16	0.28
(6,1871)	1:9:A:PHE:HE1	1:14:A:VAL:HB	16	0.28
(6,1871)	1:9:A:PHE:HE2	1:14:A:VAL:HB	16	0.28
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB1	3	0.28
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB2	3	0.28
(6,1858)	1:9:A:PHE:HD1	1:13:A:ALA:HB3	3	0.28
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB1	3	0.28
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB2	3	0.28
(6,1858)	1:9:A:PHE:HD2	1:13:A:ALA:HB3	3	0.28
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	12	0.28
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	12	0.28
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	12	0.28
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	12	0.28
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	12	0.28
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	12	0.28
(6,1759)	1:36:A:PRO:HG2	1:37:A:LEU:HG	4	0.28
(6,1705)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	10	0.28
(6,1703)	1:34:A:LYS:HA	1:35:A:LEU:HB3	6	0.28
(6,1674)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.28
(6,1674)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.28
(6,1650)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	8	0.28
(6,1650)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	8	0.28
(6,1650)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	8	0.28
(6,1638)	1:26:A:ASP:HA	1:27:A:ARG:HB2	11	0.28
(6,1551)	1:38:A:GLU:HA	1:139:A:LEU:HD21	8	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1551)	1:38:A:GLU:HA	1:139:A:LEU:HD22	8	0.28
(6,1551)	1:38:A:GLU:HA	1:139:A:LEU:HD23	8	0.28
(6,1523)	1:69:A:MET:HE1	1:113:A:PHE:HB3	5	0.28
(6,1523)	1:69:A:MET:HE2	1:113:A:PHE:HB3	5	0.28
(6,1523)	1:69:A:MET:HE3	1:113:A:PHE:HB3	5	0.28
(6,1522)	1:110:A:MET:HE1	1:113:A:PHE:HA	6	0.28
(6,1522)	1:110:A:MET:HE2	1:113:A:PHE:HA	6	0.28
(6,1522)	1:110:A:MET:HE3	1:113:A:PHE:HA	6	0.28
(6,1433)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	6	0.28
(6,1433)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	6	0.28
(6,1433)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	6	0.28
(6,1422)	1:69:A:MET:HE1	1:73:A:ILE:HG21	5	0.28
(6,1422)	1:69:A:MET:HE1	1:73:A:ILE:HG22	5	0.28
(6,1422)	1:69:A:MET:HE1	1:73:A:ILE:HG23	5	0.28
(6,1422)	1:69:A:MET:HE2	1:73:A:ILE:HG21	5	0.28
(6,1422)	1:69:A:MET:HE2	1:73:A:ILE:HG22	5	0.28
(6,1422)	1:69:A:MET:HE2	1:73:A:ILE:HG23	5	0.28
(6,1422)	1:69:A:MET:HE3	1:73:A:ILE:HG21	5	0.28
(6,1422)	1:69:A:MET:HE3	1:73:A:ILE:HG22	5	0.28
(6,1422)	1:69:A:MET:HE3	1:73:A:ILE:HG23	5	0.28
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD11	12	0.28
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD12	12	0.28
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD13	12	0.28
(6,1350)	1:13:A:ALA:H	1:79:A:THR:HG21	18	0.28
(6,1350)	1:13:A:ALA:H	1:79:A:THR:HG22	18	0.28
(6,1350)	1:13:A:ALA:H	1:79:A:THR:HG23	18	0.28
(6,1325)	1:64:A:LYS:HA	1:64:A:LYS:HD2	10	0.28
(6,1325)	1:64:A:LYS:HA	1:64:A:LYS:HD3	10	0.28
(6,1319)	1:107:A:LEU:HA	1:108:A:GLU:HG2	5	0.28
(6,1319)	1:107:A:LEU:HA	1:108:A:GLU:HG2	16	0.28
(6,1289)	1:14:A:VAL:HG11	1:61:A:SER:HA	2	0.28
(6,1289)	1:14:A:VAL:HG12	1:61:A:SER:HA	2	0.28
(6,1289)	1:14:A:VAL:HG13	1:61:A:SER:HA	2	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG11	3	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG12	3	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG13	3	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG11	4	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG12	4	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG13	4	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG11	6	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG12	6	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG13	6	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG11	8	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG12	8	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG13	8	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG11	10	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG12	10	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG13	10	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG11	12	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG12	12	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG13	12	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG11	13	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG12	13	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG13	13	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG11	14	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG12	14	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG13	14	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG11	17	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG12	17	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG13	17	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG11	18	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG12	18	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG13	18	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG11	19	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG12	19	0.28
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG13	19	0.28
(6,1213)	1:110:A:MET:HA	1:113:A:PHE:HB2	19	0.28
(6,1168)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	17	0.28
(6,1168)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	17	0.28
(6,1168)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	17	0.28
(6,1150)	1:150:A:THR:HG21	1:151:A:PHE:HA	18	0.28
(6,1150)	1:150:A:THR:HG22	1:151:A:PHE:HA	18	0.28
(6,1150)	1:150:A:THR:HG23	1:151:A:PHE:HA	18	0.28
(6,1145)	1:37:A:LEU:HA	1:37:A:LEU:HD21	4	0.28
(6,1145)	1:37:A:LEU:HA	1:37:A:LEU:HD22	4	0.28
(6,1145)	1:37:A:LEU:HA	1:37:A:LEU:HD23	4	0.28
(6,1117)	1:140:A:LEU:HA	1:144:A:LEU:HD21	17	0.28
(6,1117)	1:140:A:LEU:HA	1:144:A:LEU:HD22	17	0.28
(6,1117)	1:140:A:LEU:HA	1:144:A:LEU:HD23	17	0.28
(6,1094)	1:41:A:LYS:HA	1:44:A:GLU:HG2	10	0.28
(6,1076)	1:68:A:LYS:HA	1:72:A:PHE:HD1	16	0.28
(6,1076)	1:68:A:LYS:HA	1:72:A:PHE:HD2	16	0.28
(6,980)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	10	0.28
(6,980)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	10	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,980)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	10	0.28
(6,964)	1:31:A:PRO:HB2	1:33:A:LYS:H	13	0.28
(6,964)	1:31:A:PRO:HB3	1:33:A:LYS:H	13	0.28
(6,837)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	16	0.28
(6,837)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	16	0.28
(6,837)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	16	0.28
(6,807)	1:64:A:LYS:H	1:98:A:ILE:HD11	2	0.28
(6,807)	1:64:A:LYS:H	1:98:A:ILE:HD12	2	0.28
(6,807)	1:64:A:LYS:H	1:98:A:ILE:HD13	2	0.28
(6,776)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	14	0.28
(6,776)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	14	0.28
(6,776)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	14	0.28
(6,772)	1:101:A:ILE:HD11	1:119:A:LEU:HG	1	0.28
(6,772)	1:101:A:ILE:HD12	1:119:A:LEU:HG	1	0.28
(6,772)	1:101:A:ILE:HD13	1:119:A:LEU:HG	1	0.28
(6,637)	1:66:A:THR:H	1:69:A:MET:HA	10	0.28
(6,555)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	1	0.28
(6,555)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	1	0.28
(6,555)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	1	0.28
(6,371)	1:40:A:LEU:HB2	1:41:A:LYS:H	6	0.28
(6,130)	1:13:A:ALA:HB1	1:80:A:TYR:H	5	0.28
(6,130)	1:13:A:ALA:HB2	1:80:A:TYR:H	5	0.28
(6,130)	1:13:A:ALA:HB3	1:80:A:TYR:H	5	0.28
(6,31)	1:95:A:ILE:HB	1:96:A:VAL:H	6	0.28
(5,2250)	1:70:A:LYS:HG2	1:71:A:LYS:H	11	0.28
(5,2250)	1:70:A:LYS:HG3	1:71:A:LYS:H	11	0.28
(5,2202)	1:60:A:LEU:HD11	1:120:A:CYS:HA	6	0.28
(5,2202)	1:60:A:LEU:HD12	1:120:A:CYS:HA	6	0.28
(5,2202)	1:60:A:LEU:HD13	1:120:A:CYS:HA	6	0.28
(5,2202)	1:60:A:LEU:HD21	1:120:A:CYS:HA	6	0.28
(5,2202)	1:60:A:LEU:HD22	1:120:A:CYS:HA	6	0.28
(5,2202)	1:60:A:LEU:HD23	1:120:A:CYS:HA	6	0.28
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD11	14	0.28
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD12	14	0.28
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD13	14	0.28
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD21	14	0.28
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD22	14	0.28
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD23	14	0.28
(5,2127)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	5	0.28
(5,2127)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	5	0.28
(5,2127)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	5	0.28
(5,2127)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	5	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2127)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	5	0.28
(5,2127)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	5	0.28
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD11	7	0.28
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD12	7	0.28
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD13	7	0.28
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD21	7	0.28
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD22	7	0.28
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD23	7	0.28
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD11	16	0.28
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD12	16	0.28
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD13	16	0.28
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD21	16	0.28
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD22	16	0.28
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD23	16	0.28
(5,2038)	1:29:A:LYS:HA	1:30:A:LEU:HD11	2	0.28
(5,2038)	1:29:A:LYS:HA	1:30:A:LEU:HD12	2	0.28
(5,2038)	1:29:A:LYS:HA	1:30:A:LEU:HD13	2	0.28
(5,2038)	1:29:A:LYS:HA	1:30:A:LEU:HD21	2	0.28
(5,2038)	1:29:A:LYS:HA	1:30:A:LEU:HD22	2	0.28
(5,2038)	1:29:A:LYS:HA	1:30:A:LEU:HD23	2	0.28
(5,2010)	1:18:A:PHE:HB2	1:132:A:ALA:HA	2	0.28
(5,2010)	1:18:A:PHE:HB3	1:132:A:ALA:HA	2	0.28
(5,1985)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	19	0.28
(5,1985)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	19	0.28
(5,1985)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	19	0.28
(5,1985)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	19	0.28
(5,1985)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	19	0.28
(5,1985)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	19	0.28
(5,1970)	1:11:A:ILE:HG12	1:57:A:LEU:HD11	14	0.28
(5,1970)	1:11:A:ILE:HG12	1:57:A:LEU:HD12	14	0.28
(5,1970)	1:11:A:ILE:HG12	1:57:A:LEU:HD13	14	0.28
(5,1970)	1:11:A:ILE:HG12	1:57:A:LEU:HD21	14	0.28
(5,1970)	1:11:A:ILE:HG12	1:57:A:LEU:HD22	14	0.28
(5,1970)	1:11:A:ILE:HG12	1:57:A:LEU:HD23	14	0.28
(5,1970)	1:11:A:ILE:HG13	1:57:A:LEU:HD11	14	0.28
(5,1970)	1:11:A:ILE:HG13	1:57:A:LEU:HD12	14	0.28
(5,1970)	1:11:A:ILE:HG13	1:57:A:LEU:HD13	14	0.28
(5,1970)	1:11:A:ILE:HG13	1:57:A:LEU:HD21	14	0.28
(5,1970)	1:11:A:ILE:HG13	1:57:A:LEU:HD22	14	0.28
(5,1970)	1:11:A:ILE:HG13	1:57:A:LEU:HD23	14	0.28
(5,1933)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	13	0.28
(5,1933)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	13	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1933)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	13	0.28
(5,1933)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	13	0.28
(5,1933)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	13	0.28
(5,1933)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	13	0.28
(5,1927)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	2	0.28
(5,1927)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	2	0.28
(5,1927)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	2	0.28
(5,1927)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	2	0.28
(5,1927)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	2	0.28
(5,1927)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	2	0.28
(5,1906)	1:68:A:LYS:HA	1:72:A:PHE:HE1	16	0.28
(5,1906)	1:68:A:LYS:HA	1:72:A:PHE:HE2	16	0.28
(5,1779)	1:36:A:PRO:HG2	1:37:A:LEU:HG	4	0.28
(5,1752)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	13	0.28
(5,1752)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	13	0.28
(5,1752)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	13	0.28
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG21	17	0.28
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG22	17	0.28
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG23	17	0.28
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG21	17	0.28
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG22	17	0.28
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG23	17	0.28
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG21	17	0.28
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG22	17	0.28
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG23	17	0.28
(5,1724)	1:34:A:LYS:HA	1:35:A:LEU:HB3	6	0.28
(5,1693)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.28
(5,1693)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.28
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	1	0.28
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	1	0.28
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	6	0.28
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	6	0.28
(5,1652)	1:26:A:ASP:HA	1:27:A:ARG:HB2	11	0.28
(5,1647)	1:111:A:GLU:HA	1:114:A:ILE:HG21	16	0.28
(5,1647)	1:111:A:GLU:HA	1:114:A:ILE:HG22	16	0.28
(5,1647)	1:111:A:GLU:HA	1:114:A:ILE:HG23	16	0.28
(5,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	9	0.28
(5,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	9	0.28
(5,1617)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	9	0.28
(5,1609)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	1	0.28
(5,1609)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	1	0.28
(5,1609)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	1	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1581)	1:11:A:ILE:HD11	1:43:A:MET:H	18	0.28
(5,1581)	1:11:A:ILE:HD12	1:43:A:MET:H	18	0.28
(5,1581)	1:11:A:ILE:HD13	1:43:A:MET:H	18	0.28
(5,1564)	1:38:A:GLU:HA	1:139:A:LEU:HD21	8	0.28
(5,1564)	1:38:A:GLU:HA	1:139:A:LEU:HD22	8	0.28
(5,1564)	1:38:A:GLU:HA	1:139:A:LEU:HD23	8	0.28
(5,1536)	1:69:A:MET:HE1	1:113:A:PHE:HE1	15	0.28
(5,1536)	1:69:A:MET:HE1	1:113:A:PHE:HE2	15	0.28
(5,1536)	1:69:A:MET:HE2	1:113:A:PHE:HE1	15	0.28
(5,1536)	1:69:A:MET:HE2	1:113:A:PHE:HE2	15	0.28
(5,1536)	1:69:A:MET:HE3	1:113:A:PHE:HE1	15	0.28
(5,1536)	1:69:A:MET:HE3	1:113:A:PHE:HE2	15	0.28
(5,1509)	1:114:A:ILE:HG21	1:117:A:VAL:H	2	0.28
(5,1509)	1:114:A:ILE:HG22	1:117:A:VAL:H	2	0.28
(5,1509)	1:114:A:ILE:HG23	1:117:A:VAL:H	2	0.28
(5,1455)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	6	0.28
(5,1455)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	6	0.28
(5,1455)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	6	0.28
(5,1433)	1:73:A:ILE:HG21	1:110:A:MET:H	11	0.28
(5,1433)	1:73:A:ILE:HG22	1:110:A:MET:H	11	0.28
(5,1433)	1:73:A:ILE:HG23	1:110:A:MET:H	11	0.28
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG11	14	0.28
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG12	14	0.28
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG13	14	0.28
(5,1343)	1:107:A:LEU:HA	1:108:A:GLU:HG2	5	0.28
(5,1343)	1:107:A:LEU:HA	1:108:A:GLU:HG2	16	0.28
(5,1239)	1:140:A:LEU:HA	1:140:A:LEU:HD11	5	0.28
(5,1239)	1:140:A:LEU:HA	1:140:A:LEU:HD12	5	0.28
(5,1239)	1:140:A:LEU:HA	1:140:A:LEU:HD13	5	0.28
(5,1237)	1:140:A:LEU:HA	1:144:A:LEU:HD21	17	0.28
(5,1237)	1:140:A:LEU:HA	1:144:A:LEU:HD22	17	0.28
(5,1237)	1:140:A:LEU:HA	1:144:A:LEU:HD23	17	0.28
(5,1232)	1:110:A:MET:HA	1:113:A:PHE:HB2	19	0.28
(5,1178)	1:140:A:LEU:HD21	1:144:A:LEU:H	1	0.28
(5,1178)	1:140:A:LEU:HD22	1:144:A:LEU:H	1	0.28
(5,1178)	1:140:A:LEU:HD23	1:144:A:LEU:H	1	0.28
(5,1167)	1:37:A:LEU:HA	1:37:A:LEU:HD21	4	0.28
(5,1167)	1:37:A:LEU:HA	1:37:A:LEU:HD22	4	0.28
(5,1167)	1:37:A:LEU:HA	1:37:A:LEU:HD23	4	0.28
(5,1165)	1:13:A:ALA:HB1	1:80:A:TYR:HA	1	0.28
(5,1165)	1:13:A:ALA:HB2	1:80:A:TYR:HA	1	0.28
(5,1165)	1:13:A:ALA:HB3	1:80:A:TYR:HA	1	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1163)	1:145:A:PRO:HB2	1:146:A:GLN:HA	17	0.28
(5,1000)	1:95:A:ILE:HG21	1:105:A:LYS:HB2	8	0.28
(5,1000)	1:95:A:ILE:HG21	1:105:A:LYS:HB3	8	0.28
(5,1000)	1:95:A:ILE:HG22	1:105:A:LYS:HB2	8	0.28
(5,1000)	1:95:A:ILE:HG22	1:105:A:LYS:HB3	8	0.28
(5,1000)	1:95:A:ILE:HG23	1:105:A:LYS:HB2	8	0.28
(5,1000)	1:95:A:ILE:HG23	1:105:A:LYS:HB3	8	0.28
(5,988)	1:105:A:LYS:HD2	1:107:A:LEU:H	9	0.28
(5,988)	1:105:A:LYS:HD3	1:107:A:LEU:H	9	0.28
(5,978)	1:31:A:PRO:HB2	1:33:A:LYS:H	13	0.28
(5,978)	1:31:A:PRO:HB3	1:33:A:LYS:H	13	0.28
(5,936)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	15	0.28
(5,936)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	15	0.28
(5,925)	1:34:A:LYS:H	1:81:A:GLU:HG2	5	0.28
(5,925)	1:34:A:LYS:H	1:81:A:GLU:HG3	5	0.28
(5,836)	1:45:A:ALA:HA	1:48:A:ARG:HD2	11	0.28
(5,836)	1:45:A:ALA:HA	1:48:A:ARG:HD3	11	0.28
(5,781)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	8	0.28
(5,781)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	8	0.28
(5,781)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	8	0.28
(5,781)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	8	0.28
(5,781)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	8	0.28
(5,781)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	8	0.28
(5,670)	1:63:A:ILE:HG12	1:117:A:VAL:H	1	0.28
(5,643)	1:66:A:THR:H	1:69:A:MET:HA	10	0.28
(5,640)	1:66:A:THR:H	1:68:A:LYS:H	1	0.28
(5,511)	1:67:A:PRO:HA	1:71:A:LYS:H	13	0.28
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD11	11	0.28
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD12	11	0.28
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD13	11	0.28
(5,127)	1:13:A:ALA:HB1	1:80:A:TYR:H	5	0.28
(5,127)	1:13:A:ALA:HB2	1:80:A:TYR:H	5	0.28
(5,127)	1:13:A:ALA:HB3	1:80:A:TYR:H	5	0.28
(5,110)	1:80:A:TYR:H	1:81:A:GLU:HG2	6	0.28
(5,110)	1:80:A:TYR:H	1:81:A:GLU:HG3	6	0.28
(5,60)	1:81:A:GLU:H	1:81:A:GLU:HG2	19	0.28
(5,60)	1:81:A:GLU:H	1:81:A:GLU:HG3	19	0.28
(5,34)	1:95:A:ILE:HB	1:96:A:VAL:H	6	0.28
(5,16)	1:94:A:ALA:H	1:94:A:ALA:HB1	6	0.28
(5,16)	1:94:A:ALA:H	1:94:A:ALA:HB2	6	0.28
(5,16)	1:94:A:ALA:H	1:94:A:ALA:HB3	6	0.28
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD21	10	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD22	10	0.28
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD23	10	0.28
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD21	10	0.28
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD22	10	0.28
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD23	10	0.28
(4,2455)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	7	0.28
(4,2455)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	7	0.28
(4,2455)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	7	0.28
(4,2455)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	7	0.28
(4,2455)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	7	0.28
(4,2455)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	7	0.28
(4,2332)	1:107:A:LEU:HD11	1:112:A:GLN:HA	1	0.28
(4,2332)	1:107:A:LEU:HD12	1:112:A:GLN:HA	1	0.28
(4,2332)	1:107:A:LEU:HD13	1:112:A:GLN:HA	1	0.28
(4,2332)	1:107:A:LEU:HD21	1:112:A:GLN:HA	1	0.28
(4,2332)	1:107:A:LEU:HD22	1:112:A:GLN:HA	1	0.28
(4,2332)	1:107:A:LEU:HD23	1:112:A:GLN:HA	1	0.28
(4,2263)	1:76:A:ARG:HB3	1:113:A:PHE:HB2	1	0.28
(4,2263)	1:76:A:ARG:HB3	1:113:A:PHE:HB3	1	0.28
(4,2225)	1:66:A:THR:HB	1:96:A:VAL:HG11	6	0.28
(4,2225)	1:66:A:THR:HB	1:96:A:VAL:HG12	6	0.28
(4,2225)	1:66:A:THR:HB	1:96:A:VAL:HG13	6	0.28
(4,2225)	1:66:A:THR:HB	1:96:A:VAL:HG21	6	0.28
(4,2225)	1:66:A:THR:HB	1:96:A:VAL:HG22	6	0.28
(4,2225)	1:66:A:THR:HB	1:96:A:VAL:HG23	6	0.28
(4,2222)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	16	0.28
(4,2222)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	16	0.28
(4,2222)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	16	0.28
(4,2222)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	16	0.28
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD11	15	0.28
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD12	15	0.28
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD13	15	0.28
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD21	15	0.28
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD22	15	0.28
(4,2165)	1:48:A:ARG:H	1:131:A:LEU:HD23	15	0.28
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD11	14	0.28
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD12	14	0.28
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD13	14	0.28
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD21	14	0.28
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD22	14	0.28
(4,2149)	1:44:A:GLU:HG2	1:57:A:LEU:HD23	14	0.28
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	14	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	14	0.28
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	14	0.28
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	14	0.28
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	14	0.28
(4,2149)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	14	0.28
(4,2073)	1:35:A:LEU:HD11	1:39:A:VAL:HB	14	0.28
(4,2073)	1:35:A:LEU:HD12	1:39:A:VAL:HB	14	0.28
(4,2073)	1:35:A:LEU:HD13	1:39:A:VAL:HB	14	0.28
(4,2073)	1:35:A:LEU:HD21	1:39:A:VAL:HB	14	0.28
(4,2073)	1:35:A:LEU:HD22	1:39:A:VAL:HB	14	0.28
(4,2073)	1:35:A:LEU:HD23	1:39:A:VAL:HB	14	0.28
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG11	18	0.28
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG12	18	0.28
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG13	18	0.28
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG21	18	0.28
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG22	18	0.28
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG23	18	0.28
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	18	0.28
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	18	0.28
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	18	0.28
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	18	0.28
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	18	0.28
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	18	0.28
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	18	0.28
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	18	0.28
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	18	0.28
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	18	0.28
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	18	0.28
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	18	0.28
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	18	0.28
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	18	0.28
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	18	0.28
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	18	0.28
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	18	0.28
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	18	0.28
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	18	0.28
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	18	0.28
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	18	0.28
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	18	0.28
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	18	0.28
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	18	0.28
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	18	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	18	0.28
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	18	0.28
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	18	0.28
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	18	0.28
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	18	0.28
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	18	0.28
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	18	0.28
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	18	0.28
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	18	0.28
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	18	0.28
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	18	0.28
(4,1980)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	1	0.28
(4,1980)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	1	0.28
(4,1980)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	1	0.28
(4,1980)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	1	0.28
(4,1980)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	1	0.28
(4,1980)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	1	0.28
(4,1980)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	1	0.28
(4,1980)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	1	0.28
(4,1980)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	1	0.28
(4,1980)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	1	0.28
(4,1980)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	1	0.28
(4,1980)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	1	0.28
(4,1972)	1:14:A:VAL:HB	1:57:A:LEU:HD11	3	0.28
(4,1972)	1:14:A:VAL:HB	1:57:A:LEU:HD12	3	0.28
(4,1972)	1:14:A:VAL:HB	1:57:A:LEU:HD13	3	0.28
(4,1972)	1:14:A:VAL:HB	1:57:A:LEU:HD21	3	0.28
(4,1972)	1:14:A:VAL:HB	1:57:A:LEU:HD22	3	0.28
(4,1972)	1:14:A:VAL:HB	1:57:A:LEU:HD23	3	0.28
(4,1954)	1:12:A:VAL:HA	1:43:A:MET:HG2	5	0.28
(4,1954)	1:12:A:VAL:HA	1:43:A:MET:HG3	5	0.28
(4,1930)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	4	0.28
(4,1930)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	4	0.28
(4,1930)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	4	0.28
(4,1930)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	4	0.28
(4,1926)	1:10:A:ASN:HD21	1:80:A:TYR:H	4	0.28
(4,1926)	1:10:A:ASN:HD22	1:80:A:TYR:H	4	0.28
(4,1920)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	1	0.28
(4,1920)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	1	0.28
(4,1920)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	1	0.28
(4,1920)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	1	0.28
(4,1920)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	1	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1920)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	1	0.28
(4,1826)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	10	0.28
(4,1826)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	10	0.28
(4,1826)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	10	0.28
(4,1826)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	10	0.28
(4,1826)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	10	0.28
(4,1826)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	10	0.28
(4,1788)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	12	0.28
(4,1788)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	12	0.28
(4,1788)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	12	0.28
(4,1788)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	12	0.28
(4,1788)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	12	0.28
(4,1788)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	12	0.28
(4,1738)	1:145:A:PRO:HB2	1:146:A:GLN:HA	8	0.28
(4,1735)	1:36:A:PRO:HG2	1:37:A:LEU:HG	4	0.28
(4,1683)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	10	0.28
(4,1681)	1:34:A:LYS:HA	1:35:A:LEU:HB3	6	0.28
(4,1650)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.28
(4,1650)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.28
(4,1582)	1:119:A:LEU:H	1:121:A:VAL:HG11	18	0.28
(4,1582)	1:119:A:LEU:H	1:121:A:VAL:HG12	18	0.28
(4,1582)	1:119:A:LEU:H	1:121:A:VAL:HG13	18	0.28
(4,1547)	1:11:A:ILE:HD11	1:43:A:MET:H	18	0.28
(4,1547)	1:11:A:ILE:HD12	1:43:A:MET:H	18	0.28
(4,1547)	1:11:A:ILE:HD13	1:43:A:MET:H	18	0.28
(4,1545)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	19	0.28
(4,1545)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	19	0.28
(4,1545)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	19	0.28
(4,1535)	1:38:A:GLU:HA	1:139:A:LEU:HD21	8	0.28
(4,1535)	1:38:A:GLU:HA	1:139:A:LEU:HD22	8	0.28
(4,1535)	1:38:A:GLU:HA	1:139:A:LEU:HD23	8	0.28
(4,1517)	1:76:A:ARG:HG2	1:110:A:MET:HE1	16	0.28
(4,1517)	1:76:A:ARG:HG2	1:110:A:MET:HE2	16	0.28
(4,1517)	1:76:A:ARG:HG2	1:110:A:MET:HE3	16	0.28
(4,1517)	1:76:A:ARG:HG3	1:110:A:MET:HE1	16	0.28
(4,1517)	1:76:A:ARG:HG3	1:110:A:MET:HE2	16	0.28
(4,1517)	1:76:A:ARG:HG3	1:110:A:MET:HE3	16	0.28
(4,1507)	1:110:A:MET:HE1	1:113:A:PHE:HA	6	0.28
(4,1507)	1:110:A:MET:HE2	1:113:A:PHE:HA	6	0.28
(4,1507)	1:110:A:MET:HE3	1:113:A:PHE:HA	6	0.28
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE1	5	0.28
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE2	5	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE3	5	0.28
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE1	5	0.28
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE2	5	0.28
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE3	5	0.28
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE1	5	0.28
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE2	5	0.28
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE3	5	0.28
(4,1472)	1:114:A:ILE:HG21	1:117:A:VAL:H	2	0.28
(4,1472)	1:114:A:ILE:HG22	1:117:A:VAL:H	2	0.28
(4,1472)	1:114:A:ILE:HG23	1:117:A:VAL:H	2	0.28
(4,1462)	1:101:A:ILE:HG21	1:115:A:ALA:HA	15	0.28
(4,1462)	1:101:A:ILE:HG22	1:115:A:ALA:HA	15	0.28
(4,1462)	1:101:A:ILE:HG23	1:115:A:ALA:HA	15	0.28
(4,1419)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	6	0.28
(4,1419)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	6	0.28
(4,1419)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	6	0.28
(4,1413)	1:119:A:LEU:HA	1:121:A:VAL:HG21	18	0.28
(4,1413)	1:119:A:LEU:HA	1:121:A:VAL:HG22	18	0.28
(4,1413)	1:119:A:LEU:HA	1:121:A:VAL:HG23	18	0.28
(4,1407)	1:69:A:MET:HE1	1:73:A:ILE:HG21	5	0.28
(4,1407)	1:69:A:MET:HE1	1:73:A:ILE:HG22	5	0.28
(4,1407)	1:69:A:MET:HE1	1:73:A:ILE:HG23	5	0.28
(4,1407)	1:69:A:MET:HE2	1:73:A:ILE:HG21	5	0.28
(4,1407)	1:69:A:MET:HE2	1:73:A:ILE:HG22	5	0.28
(4,1407)	1:69:A:MET:HE2	1:73:A:ILE:HG23	5	0.28
(4,1407)	1:69:A:MET:HE3	1:73:A:ILE:HG21	5	0.28
(4,1407)	1:69:A:MET:HE3	1:73:A:ILE:HG22	5	0.28
(4,1407)	1:69:A:MET:HE3	1:73:A:ILE:HG23	5	0.28
(4,1336)	1:13:A:ALA:H	1:79:A:THR:HG21	18	0.28
(4,1336)	1:13:A:ALA:H	1:79:A:THR:HG22	18	0.28
(4,1336)	1:13:A:ALA:H	1:79:A:THR:HG23	18	0.28
(4,1329)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	2	0.28
(4,1329)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	2	0.28
(4,1329)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	2	0.28
(4,1329)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	2	0.28
(4,1329)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	2	0.28
(4,1329)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	2	0.28
(4,1313)	1:64:A:LYS:HA	1:64:A:LYS:HD2	10	0.28
(4,1313)	1:64:A:LYS:HA	1:64:A:LYS:HD3	10	0.28
(4,1306)	1:107:A:LEU:HA	1:108:A:GLU:HG2	5	0.28
(4,1306)	1:107:A:LEU:HA	1:108:A:GLU:HG2	16	0.28
(4,1269)	1:128:A:LEU:HD21	1:129:A:LYS:H	7	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1269)	1:128:A:LEU:HD22	1:129:A:LYS:H	7	0.28
(4,1269)	1:128:A:LEU:HD23	1:129:A:LYS:H	7	0.28
(4,1243)	1:15:A:ALA:HA	1:131:A:LEU:HB2	15	0.28
(4,1230)	1:23:A:LEU:HD11	1:24:A:ASP:H	12	0.28
(4,1230)	1:23:A:LEU:HD12	1:24:A:ASP:H	12	0.28
(4,1230)	1:23:A:LEU:HD13	1:24:A:ASP:H	12	0.28
(4,1219)	1:38:A:GLU:HB2	1:139:A:LEU:HD21	4	0.28
(4,1219)	1:38:A:GLU:HB2	1:139:A:LEU:HD22	4	0.28
(4,1219)	1:38:A:GLU:HB2	1:139:A:LEU:HD23	4	0.28
(4,1208)	1:140:A:LEU:HA	1:140:A:LEU:HD11	5	0.28
(4,1208)	1:140:A:LEU:HA	1:140:A:LEU:HD12	5	0.28
(4,1208)	1:140:A:LEU:HA	1:140:A:LEU:HD13	5	0.28
(4,1195)	1:11:A:ILE:HD11	1:131:A:LEU:HA	17	0.28
(4,1195)	1:11:A:ILE:HD12	1:131:A:LEU:HA	17	0.28
(4,1195)	1:11:A:ILE:HD13	1:131:A:LEU:HA	17	0.28
(4,1151)	1:136:A:CYS:HA	1:140:A:LEU:HD21	18	0.28
(4,1151)	1:136:A:CYS:HA	1:140:A:LEU:HD22	18	0.28
(4,1151)	1:136:A:CYS:HA	1:140:A:LEU:HD23	18	0.28
(4,1138)	1:37:A:LEU:HA	1:37:A:LEU:HD21	4	0.28
(4,1138)	1:37:A:LEU:HA	1:37:A:LEU:HD22	4	0.28
(4,1138)	1:37:A:LEU:HA	1:37:A:LEU:HD23	4	0.28
(4,1114)	1:140:A:LEU:HA	1:144:A:LEU:HD21	17	0.28
(4,1114)	1:140:A:LEU:HA	1:144:A:LEU:HD22	17	0.28
(4,1114)	1:140:A:LEU:HA	1:144:A:LEU:HD23	17	0.28
(4,966)	1:31:A:PRO:HB2	1:33:A:LYS:H	13	0.28
(4,966)	1:31:A:PRO:HB3	1:33:A:LYS:H	13	0.28
(4,951)	1:70:A:LYS:HB2	1:74:A:PRO:HA	8	0.28
(4,951)	1:70:A:LYS:HB3	1:74:A:PRO:HA	8	0.28
(4,940)	1:11:A:ILE:HD11	1:12:A:VAL:HA	16	0.28
(4,940)	1:11:A:ILE:HD12	1:12:A:VAL:HA	16	0.28
(4,940)	1:11:A:ILE:HD13	1:12:A:VAL:HA	16	0.28
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	12	0.28
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	12	0.28
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	12	0.28
(4,864)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	11	0.28
(4,864)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	11	0.28
(4,864)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	11	0.28
(4,842)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	16	0.28
(4,842)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	16	0.28
(4,842)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	16	0.28
(4,807)	1:64:A:LYS:H	1:98:A:ILE:HD11	2	0.28
(4,807)	1:64:A:LYS:H	1:98:A:ILE:HD12	2	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,807)	1:64:A:LYS:H	1:98:A:ILE:HD13	2	0.28
(4,776)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	14	0.28
(4,776)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	14	0.28
(4,776)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	14	0.28
(4,729)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	19	0.28
(4,632)	1:66:A:THR:H	1:69:A:MET:HA	10	0.28
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB2	6	0.28
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB3	6	0.28
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB2	7	0.28
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB3	7	0.28
(4,552)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	1	0.28
(4,552)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	1	0.28
(4,552)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	1	0.28
(4,114)	1:80:A:TYR:H	1:81:A:GLU:HG2	4	0.28
(4,114)	1:80:A:TYR:H	1:81:A:GLU:HG3	4	0.28
(4,69)	1:13:A:ALA:HB1	1:81:A:GLU:H	1	0.28
(4,69)	1:13:A:ALA:HB2	1:81:A:GLU:H	1	0.28
(4,69)	1:13:A:ALA:HB3	1:81:A:GLU:H	1	0.28
(4,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	2	0.28
(4,16)	1:94:A:ALA:H	1:94:A:ALA:HB1	6	0.28
(4,16)	1:94:A:ALA:H	1:94:A:ALA:HB2	6	0.28
(4,16)	1:94:A:ALA:H	1:94:A:ALA:HB3	6	0.28
(3,2418)	1:122:A:ASP:H	1:123:A:CYS:HB2	17	0.28
(3,2418)	1:122:A:ASP:H	1:123:A:CYS:HB3	17	0.28
(3,2398)	1:116:A:GLN:HG2	1:119:A:LEU:HD11	17	0.28
(3,2398)	1:116:A:GLN:HG2	1:119:A:LEU:HD12	17	0.28
(3,2398)	1:116:A:GLN:HG2	1:119:A:LEU:HD13	17	0.28
(3,2398)	1:116:A:GLN:HG2	1:119:A:LEU:HD21	17	0.28
(3,2398)	1:116:A:GLN:HG2	1:119:A:LEU:HD22	17	0.28
(3,2398)	1:116:A:GLN:HG2	1:119:A:LEU:HD23	17	0.28
(3,2392)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	6	0.28
(3,2392)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	6	0.28
(3,2392)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	6	0.28
(3,2392)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	6	0.28
(3,2392)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	6	0.28
(3,2392)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	6	0.28
(3,2392)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	6	0.28
(3,2392)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	6	0.28
(3,2392)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	6	0.28
(3,2392)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	6	0.28
(3,2392)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	6	0.28
(3,2392)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	6	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2392)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	6	0.28
(3,2392)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	6	0.28
(3,2392)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	6	0.28
(3,2392)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	6	0.28
(3,2392)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	6	0.28
(3,2392)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	6	0.28
(3,2317)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	11	0.28
(3,2317)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	11	0.28
(3,2317)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	11	0.28
(3,2317)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	11	0.28
(3,2317)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	11	0.28
(3,2317)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	11	0.28
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD11	14	0.28
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD12	14	0.28
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD13	14	0.28
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD11	14	0.28
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD12	14	0.28
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD13	14	0.28
(3,2264)	1:69:A:MET:HG2	1:70:A:LYS:HG2	9	0.28
(3,2264)	1:69:A:MET:HG2	1:70:A:LYS:HG3	9	0.28
(3,2264)	1:69:A:MET:HG3	1:70:A:LYS:HG2	9	0.28
(3,2264)	1:69:A:MET:HG3	1:70:A:LYS:HG3	9	0.28
(3,2194)	1:47:A:ALA:HA	1:131:A:LEU:HD11	10	0.28
(3,2194)	1:47:A:ALA:HA	1:131:A:LEU:HD12	10	0.28
(3,2194)	1:47:A:ALA:HA	1:131:A:LEU:HD13	10	0.28
(3,2194)	1:47:A:ALA:HA	1:131:A:LEU:HD21	10	0.28
(3,2194)	1:47:A:ALA:HA	1:131:A:LEU:HD22	10	0.28
(3,2194)	1:47:A:ALA:HA	1:131:A:LEU:HD23	10	0.28
(3,2134)	1:39:A:VAL:HG11	1:42:A:GLU:HB2	1	0.28
(3,2134)	1:39:A:VAL:HG11	1:42:A:GLU:HB3	1	0.28
(3,2134)	1:39:A:VAL:HG12	1:42:A:GLU:HB2	1	0.28
(3,2134)	1:39:A:VAL:HG12	1:42:A:GLU:HB3	1	0.28
(3,2134)	1:39:A:VAL:HG13	1:42:A:GLU:HB2	1	0.28
(3,2134)	1:39:A:VAL:HG13	1:42:A:GLU:HB3	1	0.28
(3,2134)	1:39:A:VAL:HG21	1:42:A:GLU:HB2	1	0.28
(3,2134)	1:39:A:VAL:HG21	1:42:A:GLU:HB3	1	0.28
(3,2134)	1:39:A:VAL:HG22	1:42:A:GLU:HB2	1	0.28
(3,2134)	1:39:A:VAL:HG22	1:42:A:GLU:HB3	1	0.28
(3,2134)	1:39:A:VAL:HG23	1:42:A:GLU:HB2	1	0.28
(3,2134)	1:39:A:VAL:HG23	1:42:A:GLU:HB3	1	0.28
(3,2134)	1:39:A:VAL:HG11	1:42:A:GLU:HB2	7	0.28
(3,2134)	1:39:A:VAL:HG11	1:42:A:GLU:HB3	7	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2134)	1:39:A:VAL:HG12	1:42:A:GLU:HB2	7	0.28
(3,2134)	1:39:A:VAL:HG12	1:42:A:GLU:HB3	7	0.28
(3,2134)	1:39:A:VAL:HG13	1:42:A:GLU:HB2	7	0.28
(3,2134)	1:39:A:VAL:HG13	1:42:A:GLU:HB3	7	0.28
(3,2134)	1:39:A:VAL:HG21	1:42:A:GLU:HB2	7	0.28
(3,2134)	1:39:A:VAL:HG21	1:42:A:GLU:HB3	7	0.28
(3,2134)	1:39:A:VAL:HG22	1:42:A:GLU:HB2	7	0.28
(3,2134)	1:39:A:VAL:HG22	1:42:A:GLU:HB3	7	0.28
(3,2134)	1:39:A:VAL:HG23	1:42:A:GLU:HB2	7	0.28
(3,2134)	1:39:A:VAL:HG23	1:42:A:GLU:HB3	7	0.28
(3,2075)	1:29:A:LYS:HA	1:30:A:LEU:HD11	2	0.28
(3,2075)	1:29:A:LYS:HA	1:30:A:LEU:HD12	2	0.28
(3,2075)	1:29:A:LYS:HA	1:30:A:LEU:HD13	2	0.28
(3,2075)	1:29:A:LYS:HA	1:30:A:LEU:HD21	2	0.28
(3,2075)	1:29:A:LYS:HA	1:30:A:LEU:HD22	2	0.28
(3,2075)	1:29:A:LYS:HA	1:30:A:LEU:HD23	2	0.28
(3,2000)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	19	0.28
(3,2000)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	19	0.28
(3,2000)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	19	0.28
(3,2000)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	19	0.28
(3,2000)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	19	0.28
(3,2000)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	19	0.28
(3,2000)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	19	0.28
(3,2000)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	19	0.28
(3,2000)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	19	0.28
(3,2000)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	19	0.28
(3,2000)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	19	0.28
(3,2000)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	19	0.28
(3,1994)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	12	0.28
(3,1994)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	12	0.28
(3,1994)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	12	0.28
(3,1994)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	12	0.28
(3,1994)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	12	0.28
(3,1994)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	12	0.28
(3,1994)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	12	0.28
(3,1994)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	12	0.28
(3,1994)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	12	0.28
(3,1994)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	12	0.28
(3,1994)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	12	0.28
(3,1994)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	12	0.28
(3,1994)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	12	0.28
(3,1994)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	12	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1994)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	12	0.28
(3,1994)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	12	0.28
(3,1994)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	12	0.28
(3,1994)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	12	0.28
(3,1991)	1:12:A:VAL:HA	1:43:A:MET:HG2	5	0.28
(3,1991)	1:12:A:VAL:HA	1:43:A:MET:HG3	5	0.28
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	18	0.28
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	18	0.28
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	18	0.28
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	18	0.28
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	18	0.28
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	18	0.28
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	18	0.28
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	18	0.28
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	18	0.28
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	18	0.28
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	18	0.28
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	18	0.28
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	18	0.28
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	18	0.28
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	18	0.28
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	18	0.28
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	18	0.28
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	18	0.28
(3,1972)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	10	0.28
(3,1972)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	10	0.28
(3,1972)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	10	0.28
(3,1972)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	10	0.28
(3,1971)	1:10:A:ASN:HD21	1:80:A:TYR:H	4	0.28
(3,1971)	1:10:A:ASN:HD22	1:80:A:TYR:H	4	0.28
(3,1963)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	1	0.28
(3,1963)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	1	0.28
(3,1963)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	1	0.28
(3,1963)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	1	0.28
(3,1963)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	1	0.28
(3,1963)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	1	0.28
(3,1947)	1:140:A:LEU:HD11	1:143:A:TRP:HD1	17	0.28
(3,1947)	1:140:A:LEU:HD12	1:143:A:TRP:HD1	17	0.28
(3,1947)	1:140:A:LEU:HD13	1:143:A:TRP:HD1	17	0.28
(3,1932)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	2	0.28
(3,1932)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	2	0.28
(3,1932)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	2	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1932)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	2	0.28
(3,1932)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	2	0.28
(3,1932)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	2	0.28
(3,1913)	1:104:A:PHE:HE1	1:113:A:PHE:HA	5	0.28
(3,1913)	1:104:A:PHE:HE2	1:113:A:PHE:HA	5	0.28
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE1	3	0.28
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE2	3	0.28
(3,1786)	1:36:A:PRO:HG2	1:37:A:LEU:HG	4	0.28
(3,1773)	1:31:A:PRO:HB2	1:35:A:LEU:HA	2	0.28
(3,1773)	1:31:A:PRO:HB3	1:35:A:LEU:HA	2	0.28
(3,1758)	1:19:A:ALA:HB1	1:21:A:THR:HG21	16	0.28
(3,1758)	1:19:A:ALA:HB1	1:21:A:THR:HG22	16	0.28
(3,1758)	1:19:A:ALA:HB1	1:21:A:THR:HG23	16	0.28
(3,1758)	1:19:A:ALA:HB2	1:21:A:THR:HG21	16	0.28
(3,1758)	1:19:A:ALA:HB2	1:21:A:THR:HG22	16	0.28
(3,1758)	1:19:A:ALA:HB2	1:21:A:THR:HG23	16	0.28
(3,1758)	1:19:A:ALA:HB3	1:21:A:THR:HG21	16	0.28
(3,1758)	1:19:A:ALA:HB3	1:21:A:THR:HG22	16	0.28
(3,1758)	1:19:A:ALA:HB3	1:21:A:THR:HG23	16	0.28
(3,1734)	1:34:A:LYS:HA	1:35:A:LEU:HB3	6	0.28
(3,1696)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	18	0.28
(3,1696)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	18	0.28
(3,1668)	1:26:A:ASP:HA	1:27:A:ARG:HB2	11	0.28
(3,1635)	1:119:A:LEU:H	1:121:A:VAL:HG11	18	0.28
(3,1635)	1:119:A:LEU:H	1:121:A:VAL:HG12	18	0.28
(3,1635)	1:119:A:LEU:H	1:121:A:VAL:HG13	18	0.28
(3,1580)	1:40:A:LEU:HD11	1:43:A:MET:H	19	0.28
(3,1580)	1:40:A:LEU:HD12	1:43:A:MET:H	19	0.28
(3,1580)	1:40:A:LEU:HD13	1:43:A:MET:H	19	0.28
(3,1552)	1:69:A:MET:HE1	1:113:A:PHE:HB3	5	0.28
(3,1552)	1:69:A:MET:HE2	1:113:A:PHE:HB3	5	0.28
(3,1552)	1:69:A:MET:HE3	1:113:A:PHE:HB3	5	0.28
(3,1525)	1:12:A:VAL:H	1:43:A:MET:HE1	4	0.28
(3,1525)	1:12:A:VAL:H	1:43:A:MET:HE2	4	0.28
(3,1525)	1:12:A:VAL:H	1:43:A:MET:HE3	4	0.28
(3,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG21	18	0.28
(3,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG22	18	0.28
(3,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG23	18	0.28
(3,1437)	1:73:A:ILE:HG21	1:110:A:MET:H	11	0.28
(3,1437)	1:73:A:ILE:HG22	1:110:A:MET:H	11	0.28
(3,1437)	1:73:A:ILE:HG23	1:110:A:MET:H	11	0.28
(3,1357)	1:64:A:LYS:HA	1:64:A:LYS:HD2	10	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1357)	1:64:A:LYS:HA	1:64:A:LYS:HD3	10	0.28
(3,1256)	1:140:A:LEU:HA	1:140:A:LEU:HD11	5	0.28
(3,1256)	1:140:A:LEU:HA	1:140:A:LEU:HD12	5	0.28
(3,1256)	1:140:A:LEU:HA	1:140:A:LEU:HD13	5	0.28
(3,1242)	1:110:A:MET:HA	1:113:A:PHE:HB2	19	0.28
(3,1239)	1:11:A:ILE:HD11	1:131:A:LEU:HA	17	0.28
(3,1239)	1:11:A:ILE:HD12	1:131:A:LEU:HA	17	0.28
(3,1239)	1:11:A:ILE:HD13	1:131:A:LEU:HA	17	0.28
(3,1188)	1:140:A:LEU:HD21	1:144:A:LEU:H	1	0.28
(3,1188)	1:140:A:LEU:HD22	1:144:A:LEU:H	1	0.28
(3,1188)	1:140:A:LEU:HD23	1:144:A:LEU:H	1	0.28
(3,1092)	1:44:A:GLU:HA	1:48:A:ARG:HB2	4	0.28
(3,1092)	1:44:A:GLU:HA	1:48:A:ARG:HB3	4	0.28
(3,1090)	1:38:A:GLU:HA	1:42:A:GLU:H	6	0.28
(3,1040)	1:113:A:PHE:HA	1:116:A:GLN:HG3	3	0.28
(3,991)	1:31:A:PRO:HB2	1:33:A:LYS:H	13	0.28
(3,991)	1:31:A:PRO:HB3	1:33:A:LYS:H	13	0.28
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB1	13	0.28
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB2	13	0.28
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB3	13	0.28
(3,944)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	2	0.28
(3,944)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	2	0.28
(3,943)	1:34:A:LYS:H	1:81:A:GLU:HG2	5	0.28
(3,943)	1:34:A:LYS:H	1:81:A:GLU:HG3	5	0.28
(3,936)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	9	0.28
(3,936)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	9	0.28
(3,936)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	9	0.28
(3,935)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	16	0.28
(3,935)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	16	0.28
(3,935)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	16	0.28
(3,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	10	0.28
(3,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	10	0.28
(3,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	10	0.28
(3,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	10	0.28
(3,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	10	0.28
(3,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	10	0.28
(3,793)	1:101:A:ILE:HD11	1:119:A:LEU:HG	1	0.28
(3,793)	1:101:A:ILE:HD12	1:119:A:LEU:HG	1	0.28
(3,793)	1:101:A:ILE:HD13	1:119:A:LEU:HG	1	0.28
(3,755)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	19	0.28
(3,636)	1:9:A:PHE:HD1	1:58:A:ILE:H	10	0.28
(3,636)	1:9:A:PHE:HD2	1:58:A:ILE:H	10	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB2	6	0.28
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB3	6	0.28
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB2	7	0.28
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB3	7	0.28
(3,590)	1:126:A:GLY:H	1:128:A:LEU:HB2	16	0.28
(3,563)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	1	0.28
(3,563)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	1	0.28
(3,563)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	1	0.28
(3,522)	1:67:A:PRO:HA	1:71:A:LYS:H	13	0.28
(3,343)	1:123:A:CYS:H	1:123:A:CYS:HB3	3	0.28
(3,319)	1:121:A:VAL:H	1:122:A:ASP:HA	11	0.28
(3,262)	1:27:A:ARG:HB3	1:29:A:LYS:H	16	0.28
(3,188)	1:58:A:ILE:HG21	1:60:A:LEU:H	15	0.28
(3,188)	1:58:A:ILE:HG22	1:60:A:LEU:H	15	0.28
(3,188)	1:58:A:ILE:HG23	1:60:A:LEU:H	15	0.28
(3,131)	1:13:A:ALA:HB1	1:80:A:TYR:H	5	0.28
(3,131)	1:13:A:ALA:HB2	1:80:A:TYR:H	5	0.28
(3,131)	1:13:A:ALA:HB3	1:80:A:TYR:H	5	0.28
(3,114)	1:80:A:TYR:H	1:81:A:GLU:HG2	4	0.28
(3,114)	1:80:A:TYR:H	1:81:A:GLU:HG3	4	0.28
(3,111)	1:21:A:THR:HB	1:22:A:ASP:H	4	0.28
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD11	4	0.28
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD12	4	0.28
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD13	4	0.28
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD11	5	0.28
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD12	5	0.28
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD13	5	0.28
(3,45)	1:98:A:ILE:H	1:105:A:LYS:HA	13	0.28
(3,18)	1:94:A:ALA:H	1:94:A:ALA:HB1	6	0.28
(3,18)	1:94:A:ALA:H	1:94:A:ALA:HB2	6	0.28
(3,18)	1:94:A:ALA:H	1:94:A:ALA:HB3	6	0.28
(2,2463)	1:140:A:LEU:HD11	1:144:A:LEU:H	14	0.28
(2,2463)	1:140:A:LEU:HD12	1:144:A:LEU:H	14	0.28
(2,2463)	1:140:A:LEU:HD13	1:144:A:LEU:H	14	0.28
(2,2463)	1:140:A:LEU:HD21	1:144:A:LEU:H	14	0.28
(2,2463)	1:140:A:LEU:HD22	1:144:A:LEU:H	14	0.28
(2,2463)	1:140:A:LEU:HD23	1:144:A:LEU:H	14	0.28
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD11	15	0.28
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD12	15	0.28
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD13	15	0.28
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD21	15	0.28
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD22	15	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD23	15	0.28
(2,2398)	1:122:A:ASP:H	1:123:A:CYS:HB2	17	0.28
(2,2398)	1:122:A:ASP:H	1:123:A:CYS:HB3	17	0.28
(2,2347)	1:107:A:LEU:HA	1:108:A:GLU:HG2	1	0.28
(2,2347)	1:107:A:LEU:HA	1:108:A:GLU:HG3	1	0.28
(2,2347)	1:107:A:LEU:HA	1:108:A:GLU:HG2	3	0.28
(2,2347)	1:107:A:LEU:HA	1:108:A:GLU:HG3	3	0.28
(2,2256)	1:66:A:THR:HB	1:96:A:VAL:HG11	6	0.28
(2,2256)	1:66:A:THR:HB	1:96:A:VAL:HG12	6	0.28
(2,2256)	1:66:A:THR:HB	1:96:A:VAL:HG13	6	0.28
(2,2256)	1:66:A:THR:HB	1:96:A:VAL:HG21	6	0.28
(2,2256)	1:66:A:THR:HB	1:96:A:VAL:HG22	6	0.28
(2,2256)	1:66:A:THR:HB	1:96:A:VAL:HG23	6	0.28
(2,2191)	1:47:A:ALA:HA	1:131:A:LEU:HD11	10	0.28
(2,2191)	1:47:A:ALA:HA	1:131:A:LEU:HD12	10	0.28
(2,2191)	1:47:A:ALA:HA	1:131:A:LEU:HD13	10	0.28
(2,2191)	1:47:A:ALA:HA	1:131:A:LEU:HD21	10	0.28
(2,2191)	1:47:A:ALA:HA	1:131:A:LEU:HD22	10	0.28
(2,2191)	1:47:A:ALA:HA	1:131:A:LEU:HD23	10	0.28
(2,2170)	1:44:A:GLU:HG2	1:45:A:ALA:H	11	0.28
(2,2170)	1:44:A:GLU:HG3	1:45:A:ALA:H	11	0.28
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD11	16	0.28
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD12	16	0.28
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD13	16	0.28
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD21	16	0.28
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD22	16	0.28
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD23	16	0.28
(2,2129)	1:39:A:VAL:HG11	1:143:A:TRP:H	9	0.28
(2,2129)	1:39:A:VAL:HG12	1:143:A:TRP:H	9	0.28
(2,2129)	1:39:A:VAL:HG13	1:143:A:TRP:H	9	0.28
(2,2129)	1:39:A:VAL:HG21	1:143:A:TRP:H	9	0.28
(2,2129)	1:39:A:VAL:HG22	1:143:A:TRP:H	9	0.28
(2,2129)	1:39:A:VAL:HG23	1:143:A:TRP:H	9	0.28
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD11	3	0.28
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD12	3	0.28
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD13	3	0.28
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD21	3	0.28
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD22	3	0.28
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD23	3	0.28
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD11	1	0.28
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD12	1	0.28
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD13	1	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD21	1	0.28
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD22	1	0.28
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD23	1	0.28
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE1	8	0.28
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE2	8	0.28
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE3	8	0.28
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE1	8	0.28
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE2	8	0.28
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE3	8	0.28
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE1	8	0.28
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE2	8	0.28
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE3	8	0.28
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE1	8	0.28
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE2	8	0.28
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE3	8	0.28
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE1	8	0.28
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE2	8	0.28
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE3	8	0.28
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE1	8	0.28
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE2	8	0.28
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE3	8	0.28
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	18	0.28
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	18	0.28
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	18	0.28
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	18	0.28
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	18	0.28
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	18	0.28
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	18	0.28
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	18	0.28
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	18	0.28
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	18	0.28
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	18	0.28
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	18	0.28
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	18	0.28
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	18	0.28
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	18	0.28
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	18	0.28
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	18	0.28
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	18	0.28
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	3	0.28
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	3	0.28
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	3	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	3	0.28
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	3	0.28
(2,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	3	0.28
(2,1912)	1:104:A:PHE:HE1	1:113:A:PHE:HA	5	0.28
(2,1912)	1:104:A:PHE:HE2	1:113:A:PHE:HA	5	0.28
(2,1772)	1:36:A:PRO:HG2	1:37:A:LEU:HG	4	0.28
(2,1756)	1:31:A:PRO:HB2	1:35:A:LEU:HA	6	0.28
(2,1756)	1:31:A:PRO:HB3	1:35:A:LEU:HA	6	0.28
(2,1722)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	10	0.28
(2,1720)	1:34:A:LYS:HA	1:35:A:LEU:HB3	6	0.28
(2,1655)	1:26:A:ASP:HA	1:27:A:ARG:HB2	11	0.28
(2,1616)	1:119:A:LEU:H	1:121:A:VAL:HG11	18	0.28
(2,1616)	1:119:A:LEU:H	1:121:A:VAL:HG12	18	0.28
(2,1616)	1:119:A:LEU:H	1:121:A:VAL:HG13	18	0.28
(2,1578)	1:11:A:ILE:HD11	1:43:A:MET:H	18	0.28
(2,1578)	1:11:A:ILE:HD12	1:43:A:MET:H	18	0.28
(2,1578)	1:11:A:ILE:HD13	1:43:A:MET:H	18	0.28
(2,1495)	1:114:A:ILE:HG21	1:117:A:VAL:H	2	0.28
(2,1495)	1:114:A:ILE:HG22	1:117:A:VAL:H	2	0.28
(2,1495)	1:114:A:ILE:HG23	1:117:A:VAL:H	2	0.28
(2,1438)	1:119:A:LEU:HA	1:121:A:VAL:HG21	18	0.28
(2,1438)	1:119:A:LEU:HA	1:121:A:VAL:HG22	18	0.28
(2,1438)	1:119:A:LEU:HA	1:121:A:VAL:HG23	18	0.28
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG21	17	0.28
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG22	17	0.28
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG23	17	0.28
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG21	17	0.28
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG22	17	0.28
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG23	17	0.28
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG21	17	0.28
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG22	17	0.28
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG23	17	0.28
(2,1357)	1:13:A:ALA:H	1:79:A:THR:HG21	18	0.28
(2,1357)	1:13:A:ALA:H	1:79:A:THR:HG22	18	0.28
(2,1357)	1:13:A:ALA:H	1:79:A:THR:HG23	18	0.28
(2,1329)	1:64:A:LYS:HA	1:64:A:LYS:HD2	10	0.28
(2,1329)	1:64:A:LYS:HA	1:64:A:LYS:HD3	10	0.28
(2,1249)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	3	0.28
(2,1249)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	3	0.28
(2,1249)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	3	0.28
(2,1236)	1:38:A:GLU:HB2	1:139:A:LEU:HD21	4	0.28
(2,1236)	1:38:A:GLU:HB2	1:139:A:LEU:HD22	4	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1236)	1:38:A:GLU:HB2	1:139:A:LEU:HD23	4	0.28
(2,1225)	1:140:A:LEU:HA	1:140:A:LEU:HD11	5	0.28
(2,1225)	1:140:A:LEU:HA	1:140:A:LEU:HD12	5	0.28
(2,1225)	1:140:A:LEU:HA	1:140:A:LEU:HD13	5	0.28
(2,1215)	1:110:A:MET:HA	1:113:A:PHE:HB2	19	0.28
(2,1174)	1:129:A:LYS:HA	1:129:A:LYS:HG2	3	0.28
(2,1163)	1:136:A:CYS:HA	1:140:A:LEU:HD21	18	0.28
(2,1163)	1:136:A:CYS:HA	1:140:A:LEU:HD22	18	0.28
(2,1163)	1:136:A:CYS:HA	1:140:A:LEU:HD23	18	0.28
(2,1161)	1:140:A:LEU:HD21	1:144:A:LEU:H	1	0.28
(2,1161)	1:140:A:LEU:HD22	1:144:A:LEU:H	1	0.28
(2,1161)	1:140:A:LEU:HD23	1:144:A:LEU:H	1	0.28
(2,1152)	1:150:A:THR:HG21	1:151:A:PHE:HA	18	0.28
(2,1152)	1:150:A:THR:HG22	1:151:A:PHE:HA	18	0.28
(2,1152)	1:150:A:THR:HG23	1:151:A:PHE:HA	18	0.28
(2,1008)	1:34:A:LYS:H	1:81:A:GLU:HB2	18	0.28
(2,987)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	10	0.28
(2,987)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	10	0.28
(2,987)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	10	0.28
(2,969)	1:31:A:PRO:HB2	1:33:A:LYS:H	13	0.28
(2,969)	1:31:A:PRO:HB3	1:33:A:LYS:H	13	0.28
(2,951)	1:15:A:ALA:HB1	1:43:A:MET:HB2	6	0.28
(2,951)	1:15:A:ALA:HB2	1:43:A:MET:HB2	6	0.28
(2,951)	1:15:A:ALA:HB3	1:43:A:MET:HB2	6	0.28
(2,918)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	2	0.28
(2,918)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	2	0.28
(2,917)	1:34:A:LYS:H	1:81:A:GLU:HG2	5	0.28
(2,917)	1:34:A:LYS:H	1:81:A:GLU:HG3	5	0.28
(2,914)	1:125:A:THR:HB	1:129:A:LYS:HG2	2	0.28
(2,834)	1:103:A:ARG:HA	1:103:A:ARG:HD2	3	0.28
(2,834)	1:103:A:ARG:HA	1:103:A:ARG:HD3	3	0.28
(2,834)	1:103:A:ARG:HA	1:103:A:ARG:HD2	16	0.28
(2,834)	1:103:A:ARG:HA	1:103:A:ARG:HD3	16	0.28
(2,808)	1:64:A:LYS:H	1:98:A:ILE:HD11	2	0.28
(2,808)	1:64:A:LYS:H	1:98:A:ILE:HD12	2	0.28
(2,808)	1:64:A:LYS:H	1:98:A:ILE:HD13	2	0.28
(2,642)	1:66:A:THR:H	1:69:A:MET:HA	10	0.28
(2,630)	1:9:A:PHE:HD1	1:58:A:ILE:H	10	0.28
(2,630)	1:9:A:PHE:HD2	1:58:A:ILE:H	10	0.28
(2,519)	1:67:A:PRO:HA	1:71:A:LYS:H	13	0.28
(2,338)	1:123:A:CYS:H	1:123:A:CYS:HB3	3	0.28
(2,315)	1:121:A:VAL:H	1:122:A:ASP:HA	11	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	11	0.28
(2,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	11	0.28
(2,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	11	0.28
(2,236)	1:47:A:ALA:HB1	1:50:A:ALA:H	6	0.28
(2,236)	1:47:A:ALA:HB2	1:50:A:ALA:H	6	0.28
(2,236)	1:47:A:ALA:HB3	1:50:A:ALA:H	6	0.28
(2,226)	1:10:A:ASN:H	1:10:A:ASN:HB3	14	0.28
(2,130)	1:13:A:ALA:HB1	1:80:A:TYR:H	5	0.28
(2,130)	1:13:A:ALA:HB2	1:80:A:TYR:H	5	0.28
(2,130)	1:13:A:ALA:HB3	1:80:A:TYR:H	5	0.28
(2,111)	1:80:A:TYR:H	1:81:A:GLU:HG2	6	0.28
(2,111)	1:80:A:TYR:H	1:81:A:GLU:HG3	6	0.28
(2,72)	1:54:A:ARG:H	1:54:A:ARG:HE	10	0.28
(2,63)	1:81:A:GLU:H	1:81:A:GLU:HG2	19	0.28
(2,63)	1:81:A:GLU:H	1:81:A:GLU:HG3	19	0.28
(2,33)	1:95:A:ILE:HB	1:96:A:VAL:H	6	0.28
(2,14)	1:94:A:ALA:H	1:94:A:ALA:HB1	6	0.28
(2,14)	1:94:A:ALA:H	1:94:A:ALA:HB2	6	0.28
(2,14)	1:94:A:ALA:H	1:94:A:ALA:HB3	6	0.28
(1,2426)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	7	0.28
(1,2426)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	7	0.28
(1,2426)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	7	0.28
(1,2426)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	7	0.28
(1,2426)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	7	0.28
(1,2426)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	7	0.28
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD11	19	0.28
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD12	19	0.28
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD13	19	0.28
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD21	19	0.28
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD22	19	0.28
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD23	19	0.28
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD11	19	0.28
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD12	19	0.28
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD13	19	0.28
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD21	19	0.28
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD22	19	0.28
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD23	19	0.28
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD11	19	0.28
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD12	19	0.28
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD13	19	0.28
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD21	19	0.28
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD22	19	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD23	19	0.28
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD11	19	0.28
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD12	19	0.28
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD13	19	0.28
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD21	19	0.28
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD22	19	0.28
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD23	19	0.28
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD11	19	0.28
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD12	19	0.28
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD13	19	0.28
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD21	19	0.28
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD22	19	0.28
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD23	19	0.28
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD11	19	0.28
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD12	19	0.28
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD13	19	0.28
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD21	19	0.28
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD22	19	0.28
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD23	19	0.28
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	11	0.28
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	11	0.28
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	11	0.28
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	11	0.28
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	11	0.28
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	11	0.28
(1,2123)	1:40:A:LEU:HD11	1:43:A:MET:HB3	7	0.28
(1,2123)	1:40:A:LEU:HD12	1:43:A:MET:HB3	7	0.28
(1,2123)	1:40:A:LEU:HD13	1:43:A:MET:HB3	7	0.28
(1,2123)	1:40:A:LEU:HD21	1:43:A:MET:HB3	7	0.28
(1,2123)	1:40:A:LEU:HD22	1:43:A:MET:HB3	7	0.28
(1,2123)	1:40:A:LEU:HD23	1:43:A:MET:HB3	7	0.28
(1,2108)	1:39:A:VAL:HG11	1:140:A:LEU:HG	14	0.28
(1,2108)	1:39:A:VAL:HG12	1:140:A:LEU:HG	14	0.28
(1,2108)	1:39:A:VAL:HG13	1:140:A:LEU:HG	14	0.28
(1,2108)	1:39:A:VAL:HG21	1:140:A:LEU:HG	14	0.28
(1,2108)	1:39:A:VAL:HG22	1:140:A:LEU:HG	14	0.28
(1,2108)	1:39:A:VAL:HG23	1:140:A:LEU:HG	14	0.28
(1,2005)	1:18:A:PHE:HB2	1:132:A:ALA:HA	2	0.28
(1,2005)	1:18:A:PHE:HB3	1:132:A:ALA:HA	2	0.28
(1,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	2	0.28
(1,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	2	0.28
(1,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	2	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	2	0.28
(1,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	2	0.28
(1,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	2	0.28
(1,1917)	1:63:A:ILE:HB	1:113:A:PHE:HD1	8	0.28
(1,1917)	1:63:A:ILE:HB	1:113:A:PHE:HD2	8	0.28
(1,1916)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	17	0.28
(1,1916)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	17	0.28
(1,1916)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	17	0.28
(1,1916)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	17	0.28
(1,1912)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	4	0.28
(1,1912)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	4	0.28
(1,1912)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	4	0.28
(1,1912)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	4	0.28
(1,1912)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	4	0.28
(1,1912)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	4	0.28
(1,1912)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	10	0.28
(1,1912)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	10	0.28
(1,1912)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	10	0.28
(1,1912)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	10	0.28
(1,1912)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	10	0.28
(1,1912)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	10	0.28
(1,1912)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	13	0.28
(1,1912)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	13	0.28
(1,1912)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	13	0.28
(1,1912)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	13	0.28
(1,1912)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	13	0.28
(1,1912)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	13	0.28
(1,1848)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	16	0.28
(1,1848)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	16	0.28
(1,1848)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	17	0.28
(1,1848)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	17	0.28
(1,1831)	1:18:A:PHE:HE1	1:131:A:LEU:HB2	13	0.28
(1,1831)	1:18:A:PHE:HE2	1:131:A:LEU:HB2	13	0.28
(1,1828)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	13	0.28
(1,1828)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	13	0.28
(1,1828)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	13	0.28
(1,1828)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	13	0.28
(1,1828)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	13	0.28
(1,1828)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	13	0.28
(1,1818)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	12	0.28
(1,1818)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	12	0.28
(1,1818)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	12	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1818)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	12	0.28
(1,1818)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	12	0.28
(1,1818)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	12	0.28
(1,1801)	1:13:A:ALA:HA	1:80:A:TYR:HD1	9	0.28
(1,1801)	1:13:A:ALA:HA	1:80:A:TYR:HD2	9	0.28
(1,1769)	1:36:A:PRO:HG2	1:37:A:LEU:HG	4	0.28
(1,1717)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	10	0.28
(1,1616)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	9	0.28
(1,1616)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	9	0.28
(1,1616)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	9	0.28
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	18	0.28
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	18	0.28
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	18	0.28
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	18	0.28
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	18	0.28
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	18	0.28
(1,1577)	1:11:A:ILE:HD11	1:43:A:MET:H	18	0.28
(1,1577)	1:11:A:ILE:HD12	1:43:A:MET:H	18	0.28
(1,1577)	1:11:A:ILE:HD13	1:43:A:MET:H	18	0.28
(1,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD21	8	0.28
(1,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD22	8	0.28
(1,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD23	8	0.28
(1,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE1	16	0.28
(1,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE2	16	0.28
(1,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE3	16	0.28
(1,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE1	16	0.28
(1,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE2	16	0.28
(1,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE3	16	0.28
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE1	9	0.28
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE2	9	0.28
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE3	9	0.28
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE1	10	0.28
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE2	10	0.28
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE3	10	0.28
(1,1500)	1:114:A:ILE:HG21	1:117:A:VAL:H	2	0.28
(1,1500)	1:114:A:ILE:HG22	1:117:A:VAL:H	2	0.28
(1,1500)	1:114:A:ILE:HG23	1:117:A:VAL:H	2	0.28
(1,1489)	1:101:A:ILE:HG21	1:115:A:ALA:HA	15	0.28
(1,1489)	1:101:A:ILE:HG22	1:115:A:ALA:HA	15	0.28
(1,1489)	1:101:A:ILE:HG23	1:115:A:ALA:HA	15	0.28
(1,1477)	1:67:A:PRO:HD3	1:95:A:ILE:HA	5	0.28
(1,1420)	1:73:A:ILE:HG21	1:110:A:MET:H	11	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1420)	1:73:A:ILE:HG22	1:110:A:MET:H	11	0.28
(1,1420)	1:73:A:ILE:HG23	1:110:A:MET:H	11	0.28
(1,1395)	1:19:A:ALA:HB1	1:20:A:THR:HG21	12	0.28
(1,1395)	1:19:A:ALA:HB1	1:20:A:THR:HG22	12	0.28
(1,1395)	1:19:A:ALA:HB1	1:20:A:THR:HG23	12	0.28
(1,1395)	1:19:A:ALA:HB2	1:20:A:THR:HG21	12	0.28
(1,1395)	1:19:A:ALA:HB2	1:20:A:THR:HG22	12	0.28
(1,1395)	1:19:A:ALA:HB2	1:20:A:THR:HG23	12	0.28
(1,1395)	1:19:A:ALA:HB3	1:20:A:THR:HG21	12	0.28
(1,1395)	1:19:A:ALA:HB3	1:20:A:THR:HG22	12	0.28
(1,1395)	1:19:A:ALA:HB3	1:20:A:THR:HG23	12	0.28
(1,1355)	1:13:A:ALA:H	1:79:A:THR:HG21	18	0.28
(1,1355)	1:13:A:ALA:H	1:79:A:THR:HG22	18	0.28
(1,1355)	1:13:A:ALA:H	1:79:A:THR:HG23	18	0.28
(1,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	2	0.28
(1,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	2	0.28
(1,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	2	0.28
(1,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	2	0.28
(1,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	2	0.28
(1,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	2	0.28
(1,1334)	1:64:A:LYS:HA	1:64:A:LYS:HD2	10	0.28
(1,1334)	1:64:A:LYS:HA	1:64:A:LYS:HD3	10	0.28
(1,1292)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	14	0.28
(1,1292)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	14	0.28
(1,1292)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	14	0.28
(1,1222)	1:110:A:MET:HA	1:113:A:PHE:HB2	19	0.28
(1,1177)	1:140:A:LEU:HA	1:140:A:LEU:HD21	4	0.28
(1,1177)	1:140:A:LEU:HA	1:140:A:LEU:HD22	4	0.28
(1,1177)	1:140:A:LEU:HA	1:140:A:LEU:HD23	4	0.28
(1,989)	1:43:A:MET:HB2	1:140:A:LEU:HD11	3	0.28
(1,989)	1:43:A:MET:HB2	1:140:A:LEU:HD12	3	0.28
(1,989)	1:43:A:MET:HB2	1:140:A:LEU:HD13	3	0.28
(1,972)	1:40:A:LEU:HA	1:43:A:MET:HG2	1	0.28
(1,881)	1:8:A:ASP:HB2	1:54:A:ARG:HE	19	0.28
(1,862)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	16	0.28
(1,862)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	16	0.28
(1,862)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	16	0.28
(1,849)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	8	0.28
(1,849)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	8	0.28
(1,849)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	8	0.28
(1,849)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	8	0.28
(1,849)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	8	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,849)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	8	0.28
(1,825)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	7	0.28
(1,825)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	7	0.28
(1,825)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	7	0.28
(1,650)	1:66:A:THR:H	1:69:A:MET:HA	10	0.28
(1,592)	1:126:A:GLY:H	1:128:A:LEU:HB2	16	0.28
(1,563)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	1	0.28
(1,563)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	1	0.28
(1,563)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	1	0.28
(1,357)	1:104:A:PHE:H	1:104:A:PHE:HD1	7	0.28
(1,357)	1:104:A:PHE:H	1:104:A:PHE:HD2	7	0.28
(1,357)	1:104:A:PHE:H	1:104:A:PHE:HD1	9	0.28
(1,357)	1:104:A:PHE:H	1:104:A:PHE:HD2	9	0.28
(1,346)	1:123:A:CYS:H	1:123:A:CYS:HB3	3	0.28
(1,321)	1:121:A:VAL:H	1:122:A:ASP:HA	11	0.28
(1,238)	1:10:A:ASN:H	1:10:A:ASN:HB3	14	0.28
(1,201)	1:44:A:GLU:H	1:44:A:GLU:HG3	2	0.28
(1,113)	1:69:A:MET:H	1:69:A:MET:HE1	7	0.28
(1,113)	1:69:A:MET:H	1:69:A:MET:HE2	7	0.28
(1,113)	1:69:A:MET:H	1:69:A:MET:HE3	7	0.28
(1,58)	1:98:A:ILE:H	1:101:A:ILE:HG13	2	0.28
(1,47)	1:98:A:ILE:H	1:105:A:LYS:HA	13	0.28
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD11	6	0.27
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD12	6	0.27
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD13	6	0.27
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD21	6	0.27
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD22	6	0.27
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD23	6	0.27
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG11	4	0.27
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG12	4	0.27
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG13	4	0.27
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG21	4	0.27
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG22	4	0.27
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG23	4	0.27
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	13	0.27
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	13	0.27
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	13	0.27
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	13	0.27
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	13	0.27
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	13	0.27
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	13	0.27
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	13	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	13	0.27
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	13	0.27
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	13	0.27
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	13	0.27
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	13	0.27
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	13	0.27
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	13	0.27
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	13	0.27
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	13	0.27
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	13	0.27
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	14	0.27
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	14	0.27
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	14	0.27
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	14	0.27
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	14	0.27
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	14	0.27
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	14	0.27
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	14	0.27
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	14	0.27
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	14	0.27
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	14	0.27
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	14	0.27
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	14	0.27
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	14	0.27
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	14	0.27
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	14	0.27
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	14	0.27
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	14	0.27
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	19	0.27
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	19	0.27
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	19	0.27
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	19	0.27
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	19	0.27
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	19	0.27
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	19	0.27
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	19	0.27
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	19	0.27
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	19	0.27
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	19	0.27
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	19	0.27
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	19	0.27
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	19	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	19	0.27
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	19	0.27
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	19	0.27
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	19	0.27
(34,2148)	1:42:A:GLU:HB2	1:139:A:LEU:HD11	6	0.27
(34,2148)	1:42:A:GLU:HB2	1:139:A:LEU:HD12	6	0.27
(34,2148)	1:42:A:GLU:HB2	1:139:A:LEU:HD13	6	0.27
(34,2148)	1:42:A:GLU:HB2	1:139:A:LEU:HD21	6	0.27
(34,2148)	1:42:A:GLU:HB2	1:139:A:LEU:HD22	6	0.27
(34,2148)	1:42:A:GLU:HB2	1:139:A:LEU:HD23	6	0.27
(34,2148)	1:42:A:GLU:HB3	1:139:A:LEU:HD11	6	0.27
(34,2148)	1:42:A:GLU:HB3	1:139:A:LEU:HD12	6	0.27
(34,2148)	1:42:A:GLU:HB3	1:139:A:LEU:HD13	6	0.27
(34,2148)	1:42:A:GLU:HB3	1:139:A:LEU:HD21	6	0.27
(34,2148)	1:42:A:GLU:HB3	1:139:A:LEU:HD22	6	0.27
(34,2148)	1:42:A:GLU:HB3	1:139:A:LEU:HD23	6	0.27
(34,2138)	1:40:A:LEU:HD11	1:43:A:MET:HB3	3	0.27
(34,2138)	1:40:A:LEU:HD12	1:43:A:MET:HB3	3	0.27
(34,2138)	1:40:A:LEU:HD13	1:43:A:MET:HB3	3	0.27
(34,2138)	1:40:A:LEU:HD21	1:43:A:MET:HB3	3	0.27
(34,2138)	1:40:A:LEU:HD22	1:43:A:MET:HB3	3	0.27
(34,2138)	1:40:A:LEU:HD23	1:43:A:MET:HB3	3	0.27
(34,2137)	1:40:A:LEU:HD11	1:43:A:MET:H	18	0.27
(34,2137)	1:40:A:LEU:HD12	1:43:A:MET:H	18	0.27
(34,2137)	1:40:A:LEU:HD13	1:43:A:MET:H	18	0.27
(34,2137)	1:40:A:LEU:HD21	1:43:A:MET:H	18	0.27
(34,2137)	1:40:A:LEU:HD22	1:43:A:MET:H	18	0.27
(34,2137)	1:40:A:LEU:HD23	1:43:A:MET:H	18	0.27
(34,2008)	1:15:A:ALA:HB1	1:16:A:SER:HB2	15	0.27
(34,2008)	1:15:A:ALA:HB1	1:16:A:SER:HB3	15	0.27
(34,2008)	1:15:A:ALA:HB2	1:16:A:SER:HB2	15	0.27
(34,2008)	1:15:A:ALA:HB2	1:16:A:SER:HB3	15	0.27
(34,2008)	1:15:A:ALA:HB3	1:16:A:SER:HB2	15	0.27
(34,2008)	1:15:A:ALA:HB3	1:16:A:SER:HB3	15	0.27
(34,1979)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	1	0.27
(34,1979)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	1	0.27
(34,1979)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	1	0.27
(34,1979)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	1	0.27
(34,1979)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	1	0.27
(34,1979)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	1	0.27
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	18	0.27
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	18	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	18	0.27
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	18	0.27
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	18	0.27
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	18	0.27
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	18	0.27
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	18	0.27
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	18	0.27
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	18	0.27
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	18	0.27
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	18	0.27
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	18	0.27
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	18	0.27
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	18	0.27
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	18	0.27
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	18	0.27
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	18	0.27
(34,1916)	1:80:A:TYR:HE1	1:81:A:GLU:H	12	0.27
(34,1916)	1:80:A:TYR:HE2	1:81:A:GLU:H	12	0.27
(34,1911)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	14	0.27
(34,1911)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	14	0.27
(34,1893)	1:104:A:PHE:HE1	1:113:A:PHE:HA	16	0.27
(34,1893)	1:104:A:PHE:HE2	1:113:A:PHE:HA	16	0.27
(34,1859)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	13	0.27
(34,1859)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	13	0.27
(34,1859)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	13	0.27
(34,1859)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	13	0.27
(34,1859)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	13	0.27
(34,1859)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	13	0.27
(34,1843)	1:139:A:LEU:HA	1:143:A:TRP:HD1	17	0.27
(34,1830)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	8	0.27
(34,1830)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	8	0.27
(34,1819)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	5	0.27
(34,1819)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	5	0.27
(34,1735)	1:19:A:ALA:HB1	1:21:A:THR:HG21	16	0.27
(34,1735)	1:19:A:ALA:HB1	1:21:A:THR:HG22	16	0.27
(34,1735)	1:19:A:ALA:HB1	1:21:A:THR:HG23	16	0.27
(34,1735)	1:19:A:ALA:HB2	1:21:A:THR:HG21	16	0.27
(34,1735)	1:19:A:ALA:HB2	1:21:A:THR:HG22	16	0.27
(34,1735)	1:19:A:ALA:HB2	1:21:A:THR:HG23	16	0.27
(34,1735)	1:19:A:ALA:HB3	1:21:A:THR:HG21	16	0.27
(34,1735)	1:19:A:ALA:HB3	1:21:A:THR:HG22	16	0.27
(34,1735)	1:19:A:ALA:HB3	1:21:A:THR:HG23	16	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1704)	1:124:A:THR:HB	1:126:A:GLY:HA3	11	0.27
(34,1640)	1:13:A:ALA:HA	1:80:A:TYR:HB3	14	0.27
(34,1619)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	15	0.27
(34,1619)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	15	0.27
(34,1619)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	15	0.27
(34,1598)	1:101:A:ILE:HD11	1:112:A:GLN:HA	10	0.27
(34,1598)	1:101:A:ILE:HD12	1:112:A:GLN:HA	10	0.27
(34,1598)	1:101:A:ILE:HD13	1:112:A:GLN:HA	10	0.27
(34,1585)	1:11:A:ILE:HD11	1:12:A:VAL:H	17	0.27
(34,1585)	1:11:A:ILE:HD12	1:12:A:VAL:H	17	0.27
(34,1585)	1:11:A:ILE:HD13	1:12:A:VAL:H	17	0.27
(34,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE1	3	0.27
(34,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE2	3	0.27
(34,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE3	3	0.27
(34,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE1	3	0.27
(34,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE2	3	0.27
(34,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE3	3	0.27
(34,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE1	3	0.27
(34,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE2	3	0.27
(34,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE3	3	0.27
(34,1535)	1:110:A:MET:HE1	1:113:A:PHE:HE1	7	0.27
(34,1535)	1:110:A:MET:HE1	1:113:A:PHE:HE2	7	0.27
(34,1535)	1:110:A:MET:HE2	1:113:A:PHE:HE1	7	0.27
(34,1535)	1:110:A:MET:HE2	1:113:A:PHE:HE2	7	0.27
(34,1535)	1:110:A:MET:HE3	1:113:A:PHE:HE1	7	0.27
(34,1535)	1:110:A:MET:HE3	1:113:A:PHE:HE2	7	0.27
(34,1535)	1:110:A:MET:HE1	1:113:A:PHE:HE1	17	0.27
(34,1535)	1:110:A:MET:HE1	1:113:A:PHE:HE2	17	0.27
(34,1535)	1:110:A:MET:HE2	1:113:A:PHE:HE1	17	0.27
(34,1535)	1:110:A:MET:HE2	1:113:A:PHE:HE2	17	0.27
(34,1535)	1:110:A:MET:HE3	1:113:A:PHE:HE1	17	0.27
(34,1535)	1:110:A:MET:HE3	1:113:A:PHE:HE2	17	0.27
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE1	8	0.27
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE2	8	0.27
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE3	8	0.27
(34,1497)	1:101:A:ILE:HG21	1:115:A:ALA:HA	12	0.27
(34,1497)	1:101:A:ILE:HG22	1:115:A:ALA:HA	12	0.27
(34,1497)	1:101:A:ILE:HG23	1:115:A:ALA:HA	12	0.27
(34,1491)	1:101:A:ILE:HG21	1:115:A:ALA:H	10	0.27
(34,1491)	1:101:A:ILE:HG22	1:115:A:ALA:H	10	0.27
(34,1491)	1:101:A:ILE:HG23	1:115:A:ALA:H	10	0.27
(34,1474)	1:13:A:ALA:HB1	1:61:A:SER:HA	17	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1474)	1:13:A:ALA:HB2	1:61:A:SER:HA	17	0.27
(34,1474)	1:13:A:ALA:HB3	1:61:A:SER:HA	17	0.27
(34,1457)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	18	0.27
(34,1457)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	18	0.27
(34,1445)	1:119:A:LEU:HA	1:121:A:VAL:HG21	4	0.27
(34,1445)	1:119:A:LEU:HA	1:121:A:VAL:HG22	4	0.27
(34,1445)	1:119:A:LEU:HA	1:121:A:VAL:HG23	4	0.27
(34,1429)	1:73:A:ILE:HG21	1:110:A:MET:H	13	0.27
(34,1429)	1:73:A:ILE:HG22	1:110:A:MET:H	13	0.27
(34,1429)	1:73:A:ILE:HG23	1:110:A:MET:H	13	0.27
(34,1422)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	13	0.27
(34,1422)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	13	0.27
(34,1422)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	13	0.27
(34,1415)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	9	0.27
(34,1415)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	9	0.27
(34,1415)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	9	0.27
(34,1415)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	9	0.27
(34,1415)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	9	0.27
(34,1415)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	9	0.27
(34,1415)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	9	0.27
(34,1415)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	9	0.27
(34,1415)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	9	0.27
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG11	9	0.27
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG12	9	0.27
(34,1296)	1:117:A:VAL:H	1:117:A:VAL:HG13	9	0.27
(34,1282)	1:23:A:LEU:HD11	1:24:A:ASP:H	15	0.27
(34,1282)	1:23:A:LEU:HD12	1:24:A:ASP:H	15	0.27
(34,1282)	1:23:A:LEU:HD13	1:24:A:ASP:H	15	0.27
(34,1277)	1:37:A:LEU:HD11	1:38:A:GLU:HA	3	0.27
(34,1277)	1:37:A:LEU:HD12	1:38:A:GLU:HA	3	0.27
(34,1277)	1:37:A:LEU:HD13	1:38:A:GLU:HA	3	0.27
(34,1277)	1:37:A:LEU:HD11	1:38:A:GLU:HA	5	0.27
(34,1277)	1:37:A:LEU:HD12	1:38:A:GLU:HA	5	0.27
(34,1277)	1:37:A:LEU:HD13	1:38:A:GLU:HA	5	0.27
(34,1180)	1:13:A:ALA:HB1	1:80:A:TYR:HA	12	0.27
(34,1180)	1:13:A:ALA:HB2	1:80:A:TYR:HA	12	0.27
(34,1180)	1:13:A:ALA:HB3	1:80:A:TYR:HA	12	0.27
(34,1177)	1:145:A:PRO:HB2	1:146:A:GLN:HA	7	0.27
(34,1121)	1:68:A:LYS:HA	1:72:A:PHE:HD1	6	0.27
(34,1121)	1:68:A:LYS:HA	1:72:A:PHE:HD2	6	0.27
(34,1114)	1:138:A:ASP:HA	1:141:A:LYS:HA	7	0.27
(34,1021)	1:114:A:ILE:HA	1:117:A:VAL:HG11	13	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1021)	1:114:A:ILE:HA	1:117:A:VAL:HG12	13	0.27
(34,1021)	1:114:A:ILE:HA	1:117:A:VAL:HG13	13	0.27
(34,1018)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	14	0.27
(34,1018)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	14	0.27
(34,955)	1:60:A:LEU:HB3	1:117:A:VAL:HA	3	0.27
(34,940)	1:125:A:THR:HB	1:128:A:LEU:HB2	4	0.27
(34,844)	1:48:A:ARG:H	1:48:A:ARG:HD2	11	0.27
(34,844)	1:48:A:ARG:H	1:48:A:ARG:HD3	11	0.27
(34,835)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	16	0.27
(34,835)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	16	0.27
(34,835)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	16	0.27
(34,835)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	16	0.27
(34,835)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	16	0.27
(34,835)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	16	0.27
(34,806)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	7	0.27
(34,806)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	7	0.27
(34,806)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	7	0.27
(34,801)	1:63:A:ILE:HD11	1:117:A:VAL:HB	8	0.27
(34,801)	1:63:A:ILE:HD12	1:117:A:VAL:HB	8	0.27
(34,801)	1:63:A:ILE:HD13	1:117:A:VAL:HB	8	0.27
(34,771)	1:69:A:MET:HG2	1:73:A:ILE:HD11	7	0.27
(34,771)	1:69:A:MET:HG2	1:73:A:ILE:HD12	7	0.27
(34,771)	1:69:A:MET:HG2	1:73:A:ILE:HD13	7	0.27
(34,705)	1:98:A:ILE:H	1:104:A:PHE:H	14	0.27
(34,632)	1:44:A:GLU:HA	1:48:A:ARG:H	15	0.27
(34,509)	1:105:A:LYS:H	1:105:A:LYS:HD2	1	0.27
(34,509)	1:105:A:LYS:H	1:105:A:LYS:HD3	1	0.27
(34,382)	1:40:A:LEU:HB3	1:41:A:LYS:H	11	0.27
(34,115)	1:21:A:THR:HB	1:22:A:ASP:H	16	0.27
(33,2288)	1:79:A:THR:HG21	1:81:A:GLU:HB2	14	0.27
(33,2288)	1:79:A:THR:HG21	1:81:A:GLU:HB3	14	0.27
(33,2288)	1:79:A:THR:HG22	1:81:A:GLU:HB2	14	0.27
(33,2288)	1:79:A:THR:HG22	1:81:A:GLU:HB3	14	0.27
(33,2288)	1:79:A:THR:HG23	1:81:A:GLU:HB2	14	0.27
(33,2288)	1:79:A:THR:HG23	1:81:A:GLU:HB3	14	0.27
(33,2261)	1:70:A:LYS:H	1:70:A:LYS:HD2	6	0.27
(33,2261)	1:70:A:LYS:H	1:70:A:LYS:HD3	6	0.27
(33,2205)	1:60:A:LEU:HD11	1:120:A:CYS:HA	11	0.27
(33,2205)	1:60:A:LEU:HD12	1:120:A:CYS:HA	11	0.27
(33,2205)	1:60:A:LEU:HD13	1:120:A:CYS:HA	11	0.27
(33,2205)	1:60:A:LEU:HD21	1:120:A:CYS:HA	11	0.27
(33,2205)	1:60:A:LEU:HD22	1:120:A:CYS:HA	11	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2205)	1:60:A:LEU:HD23	1:120:A:CYS:HA	11	0.27
(33,2132)	1:40:A:LEU:HD11	1:41:A:LYS:H	13	0.27
(33,2132)	1:40:A:LEU:HD12	1:41:A:LYS:H	13	0.27
(33,2132)	1:40:A:LEU:HD13	1:41:A:LYS:H	13	0.27
(33,2132)	1:40:A:LEU:HD21	1:41:A:LYS:H	13	0.27
(33,2132)	1:40:A:LEU:HD22	1:41:A:LYS:H	13	0.27
(33,2132)	1:40:A:LEU:HD23	1:41:A:LYS:H	13	0.27
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD11	7	0.27
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD12	7	0.27
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD13	7	0.27
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD21	7	0.27
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD22	7	0.27
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD23	7	0.27
(33,2065)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	4	0.27
(33,2065)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	4	0.27
(33,2065)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	4	0.27
(33,2065)	1:31:A:PRO:HD2	1:144:A:LEU:HD21	4	0.27
(33,2065)	1:31:A:PRO:HD2	1:144:A:LEU:HD22	4	0.27
(33,2065)	1:31:A:PRO:HD2	1:144:A:LEU:HD23	4	0.27
(33,2065)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	4	0.27
(33,2065)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	4	0.27
(33,2065)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	4	0.27
(33,2065)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	4	0.27
(33,2065)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	4	0.27
(33,2065)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	4	0.27
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	7	0.27
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	7	0.27
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	7	0.27
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	7	0.27
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	7	0.27
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	7	0.27
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	7	0.27
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	7	0.27
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	7	0.27
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	7	0.27
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	7	0.27
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	7	0.27
(33,2017)	1:18:A:PHE:HB2	1:132:A:ALA:H	5	0.27
(33,2017)	1:18:A:PHE:HB3	1:132:A:ALA:H	5	0.27
(33,1997)	1:15:A:ALA:H	1:17:A:ASN:HD21	4	0.27
(33,1997)	1:15:A:ALA:H	1:17:A:ASN:HD22	4	0.27
(33,1991)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	2	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1991)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	2	0.27
(33,1991)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	2	0.27
(33,1991)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	2	0.27
(33,1991)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	2	0.27
(33,1991)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	2	0.27
(33,1914)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	7	0.27
(33,1909)	1:35:A:LEU:HG	1:80:A:TYR:HE1	11	0.27
(33,1909)	1:35:A:LEU:HG	1:80:A:TYR:HE2	11	0.27
(33,1907)	1:80:A:TYR:HE1	1:81:A:GLU:H	12	0.27
(33,1907)	1:80:A:TYR:HE2	1:81:A:GLU:H	12	0.27
(33,1883)	1:104:A:PHE:HE1	1:105:A:LYS:H	11	0.27
(33,1883)	1:104:A:PHE:HE2	1:105:A:LYS:H	11	0.27
(33,1848)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	19	0.27
(33,1848)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	19	0.27
(33,1846)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	10	0.27
(33,1846)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	10	0.27
(33,1846)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	10	0.27
(33,1846)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	10	0.27
(33,1846)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	10	0.27
(33,1846)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	10	0.27
(33,1844)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	7	0.27
(33,1844)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	7	0.27
(33,1829)	1:139:A:LEU:HA	1:143:A:TRP:HD1	17	0.27
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	15	0.27
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	15	0.27
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	15	0.27
(33,1815)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	8	0.27
(33,1815)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	8	0.27
(33,1697)	1:34:A:LYS:HA	1:35:A:LEU:HB3	2	0.27
(33,1697)	1:34:A:LYS:HA	1:35:A:LEU:HB3	19	0.27
(33,1676)	1:69:A:MET:HA	1:109:A:PRO:HA	13	0.27
(33,1662)	1:110:A:MET:HB3	1:111:A:GLU:HB2	17	0.27
(33,1662)	1:110:A:MET:HB3	1:111:A:GLU:HB3	17	0.27
(33,1638)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	15	0.27
(33,1638)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	15	0.27
(33,1638)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	15	0.27
(33,1638)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	15	0.27
(33,1638)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	15	0.27
(33,1638)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	15	0.27
(33,1588)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	12	0.27
(33,1588)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	12	0.27
(33,1588)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	12	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1586)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	6	0.27
(33,1586)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	6	0.27
(33,1586)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	6	0.27
(33,1572)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	8	0.27
(33,1572)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	8	0.27
(33,1572)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	8	0.27
(33,1568)	1:101:A:ILE:HD11	1:112:A:GLN:HA	10	0.27
(33,1568)	1:101:A:ILE:HD12	1:112:A:GLN:HA	10	0.27
(33,1568)	1:101:A:ILE:HD13	1:112:A:GLN:HA	10	0.27
(33,1557)	1:11:A:ILE:HD11	1:12:A:VAL:H	17	0.27
(33,1557)	1:11:A:ILE:HD12	1:12:A:VAL:H	17	0.27
(33,1557)	1:11:A:ILE:HD13	1:12:A:VAL:H	17	0.27
(33,1509)	1:69:A:MET:HE1	1:115:A:ALA:H	12	0.27
(33,1509)	1:69:A:MET:HE2	1:115:A:ALA:H	12	0.27
(33,1509)	1:69:A:MET:HE3	1:115:A:ALA:H	12	0.27
(33,1509)	1:69:A:MET:HE1	1:115:A:ALA:H	18	0.27
(33,1509)	1:69:A:MET:HE2	1:115:A:ALA:H	18	0.27
(33,1509)	1:69:A:MET:HE3	1:115:A:ALA:H	18	0.27
(33,1504)	1:15:A:ALA:HB1	1:43:A:MET:HE1	18	0.27
(33,1504)	1:15:A:ALA:HB1	1:43:A:MET:HE2	18	0.27
(33,1504)	1:15:A:ALA:HB1	1:43:A:MET:HE3	18	0.27
(33,1504)	1:15:A:ALA:HB2	1:43:A:MET:HE1	18	0.27
(33,1504)	1:15:A:ALA:HB2	1:43:A:MET:HE2	18	0.27
(33,1504)	1:15:A:ALA:HB2	1:43:A:MET:HE3	18	0.27
(33,1504)	1:15:A:ALA:HB3	1:43:A:MET:HE1	18	0.27
(33,1504)	1:15:A:ALA:HB3	1:43:A:MET:HE2	18	0.27
(33,1504)	1:15:A:ALA:HB3	1:43:A:MET:HE3	18	0.27
(33,1469)	1:101:A:ILE:HG21	1:115:A:ALA:H	10	0.27
(33,1469)	1:101:A:ILE:HG22	1:115:A:ALA:H	10	0.27
(33,1469)	1:101:A:ILE:HG23	1:115:A:ALA:H	10	0.27
(33,1467)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	4	0.27
(33,1467)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	4	0.27
(33,1467)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	4	0.27
(33,1467)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	4	0.27
(33,1467)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	4	0.27
(33,1467)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	4	0.27
(33,1442)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	18	0.27
(33,1442)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	18	0.27
(33,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG21	4	0.27
(33,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG22	4	0.27
(33,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG23	4	0.27
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	3	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	3	0.27
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	3	0.27
(33,1398)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	9	0.27
(33,1398)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	9	0.27
(33,1398)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	9	0.27
(33,1398)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	9	0.27
(33,1398)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	9	0.27
(33,1398)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	9	0.27
(33,1398)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	9	0.27
(33,1398)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	9	0.27
(33,1398)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	9	0.27
(33,1384)	1:94:A:ALA:HA	1:95:A:ILE:HB	6	0.27
(33,1338)	1:131:A:LEU:H	1:131:A:LEU:HD21	4	0.27
(33,1338)	1:131:A:LEU:H	1:131:A:LEU:HD22	4	0.27
(33,1338)	1:131:A:LEU:H	1:131:A:LEU:HD23	4	0.27
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	2	0.27
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	2	0.27
(33,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	2	0.27
(33,1229)	1:110:A:MET:HA	1:113:A:PHE:HB2	19	0.27
(33,1173)	1:140:A:LEU:H	1:140:A:LEU:HD11	8	0.27
(33,1173)	1:140:A:LEU:H	1:140:A:LEU:HD12	8	0.27
(33,1173)	1:140:A:LEU:H	1:140:A:LEU:HD13	8	0.27
(33,1154)	1:145:A:PRO:HB2	1:146:A:GLN:HA	7	0.27
(33,1097)	1:116:A:GLN:HA	1:119:A:LEU:HD21	9	0.27
(33,1097)	1:116:A:GLN:HA	1:119:A:LEU:HD22	9	0.27
(33,1097)	1:116:A:GLN:HA	1:119:A:LEU:HD23	9	0.27
(33,971)	1:141:A:LYS:HB2	1:149:A:ALA:HA	3	0.27
(33,971)	1:141:A:LYS:HB3	1:149:A:ALA:HA	3	0.27
(33,964)	1:70:A:LYS:HB2	1:74:A:PRO:HA	6	0.27
(33,964)	1:70:A:LYS:HB3	1:74:A:PRO:HA	6	0.27
(33,936)	1:79:A:THR:HG21	1:81:A:GLU:HG2	15	0.27
(33,936)	1:79:A:THR:HG21	1:81:A:GLU:HG3	15	0.27
(33,936)	1:79:A:THR:HG22	1:81:A:GLU:HG2	15	0.27
(33,936)	1:79:A:THR:HG22	1:81:A:GLU:HG3	15	0.27
(33,936)	1:79:A:THR:HG23	1:81:A:GLU:HG2	15	0.27
(33,936)	1:79:A:THR:HG23	1:81:A:GLU:HG3	15	0.27
(33,935)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	19	0.27
(33,935)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	19	0.27
(33,935)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	19	0.27
(33,935)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	19	0.27
(33,928)	1:125:A:THR:HB	1:128:A:LEU:HB2	7	0.27
(33,901)	1:73:A:ILE:HB	1:76:A:ARG:HA	18	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	19	0.27
(33,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	19	0.27
(33,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	19	0.27
(33,835)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	16	0.27
(33,835)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	16	0.27
(33,835)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	16	0.27
(33,835)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	16	0.27
(33,835)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	16	0.27
(33,835)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	16	0.27
(33,817)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	19	0.27
(33,817)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	19	0.27
(33,817)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	19	0.27
(33,801)	1:54:A:ARG:HE	1:58:A:ILE:HD11	7	0.27
(33,801)	1:54:A:ARG:HE	1:58:A:ILE:HD12	7	0.27
(33,801)	1:54:A:ARG:HE	1:58:A:ILE:HD13	7	0.27
(33,762)	1:126:A:GLY:HA2	1:129:A:LYS:HB2	2	0.27
(33,762)	1:126:A:GLY:HA2	1:129:A:LYS:HB3	2	0.27
(33,758)	1:53:A:THR:H	1:53:A:THR:HG21	11	0.27
(33,758)	1:53:A:THR:H	1:53:A:THR:HG22	11	0.27
(33,758)	1:53:A:THR:H	1:53:A:THR:HG23	11	0.27
(33,720)	1:76:A:ARG:HA	1:76:A:ARG:HE	3	0.27
(33,670)	1:120:A:CYS:H	1:121:A:VAL:HG11	6	0.27
(33,670)	1:120:A:CYS:H	1:121:A:VAL:HG12	6	0.27
(33,670)	1:120:A:CYS:H	1:121:A:VAL:HG13	6	0.27
(33,670)	1:120:A:CYS:H	1:121:A:VAL:HG11	10	0.27
(33,670)	1:120:A:CYS:H	1:121:A:VAL:HG12	10	0.27
(33,670)	1:120:A:CYS:H	1:121:A:VAL:HG13	10	0.27
(33,624)	1:44:A:GLU:HA	1:48:A:ARG:H	15	0.27
(33,361)	1:23:A:LEU:HB2	1:26:A:ASP:H	10	0.27
(33,361)	1:23:A:LEU:HB3	1:26:A:ASP:H	10	0.27
(33,355)	1:104:A:PHE:H	1:104:A:PHE:HD1	4	0.27
(33,355)	1:104:A:PHE:H	1:104:A:PHE:HD2	4	0.27
(33,313)	1:43:A:MET:H	1:140:A:LEU:HD21	10	0.27
(33,313)	1:43:A:MET:H	1:140:A:LEU:HD22	10	0.27
(33,313)	1:43:A:MET:H	1:140:A:LEU:HD23	10	0.27
(33,294)	1:128:A:LEU:HB3	1:129:A:LYS:H	16	0.27
(33,58)	1:98:A:ILE:H	1:101:A:ILE:HG13	10	0.27
(32,2469)	1:140:A:LEU:HD11	1:143:A:TRP:HD1	7	0.27
(32,2469)	1:140:A:LEU:HD12	1:143:A:TRP:HD1	7	0.27
(32,2469)	1:140:A:LEU:HD13	1:143:A:TRP:HD1	7	0.27
(32,2469)	1:140:A:LEU:HD21	1:143:A:TRP:HD1	7	0.27
(32,2469)	1:140:A:LEU:HD22	1:143:A:TRP:HD1	7	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2469)	1:140:A:LEU:HD23	1:143:A:TRP:HD1	7	0.27
(32,2461)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	14	0.27
(32,2461)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	14	0.27
(32,2461)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	14	0.27
(32,2461)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	14	0.27
(32,2461)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	14	0.27
(32,2461)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	14	0.27
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD11	15	0.27
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD12	15	0.27
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD13	15	0.27
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD21	15	0.27
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD22	15	0.27
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD23	15	0.27
(32,2292)	1:97:A:ASP:HA	1:105:A:LYS:HG2	1	0.27
(32,2292)	1:97:A:ASP:HA	1:105:A:LYS:HG3	1	0.27
(32,2289)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	2	0.27
(32,2289)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	2	0.27
(32,2289)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	2	0.27
(32,2289)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	2	0.27
(32,2289)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	2	0.27
(32,2289)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	2	0.27
(32,2289)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	2	0.27
(32,2289)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	2	0.27
(32,2289)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	2	0.27
(32,2289)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	2	0.27
(32,2289)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	2	0.27
(32,2289)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	2	0.27
(32,2189)	1:59:A:CYS:HA	1:60:A:LEU:HD11	5	0.27
(32,2189)	1:59:A:CYS:HA	1:60:A:LEU:HD12	5	0.27
(32,2189)	1:59:A:CYS:HA	1:60:A:LEU:HD13	5	0.27
(32,2189)	1:59:A:CYS:HA	1:60:A:LEU:HD21	5	0.27
(32,2189)	1:59:A:CYS:HA	1:60:A:LEU:HD22	5	0.27
(32,2189)	1:59:A:CYS:HA	1:60:A:LEU:HD23	5	0.27
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD11	1	0.27
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD12	1	0.27
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD13	1	0.27
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD21	1	0.27
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD22	1	0.27
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD23	1	0.27
(32,1964)	1:15:A:ALA:H	1:17:A:ASN:HD21	4	0.27
(32,1964)	1:15:A:ALA:H	1:17:A:ASN:HD22	4	0.27
(32,1918)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	5	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1918)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	5	0.27
(32,1918)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	5	0.27
(32,1918)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	5	0.27
(32,1918)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	5	0.27
(32,1918)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	5	0.27
(32,1918)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	5	0.27
(32,1918)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	5	0.27
(32,1918)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	5	0.27
(32,1918)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	5	0.27
(32,1918)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	5	0.27
(32,1918)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	5	0.27
(32,1918)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	5	0.27
(32,1918)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	5	0.27
(32,1918)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	5	0.27
(32,1918)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	5	0.27
(32,1918)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	5	0.27
(32,1918)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	5	0.27
(32,1871)	1:80:A:TYR:HE1	1:81:A:GLU:H	12	0.27
(32,1871)	1:80:A:TYR:HE2	1:81:A:GLU:H	12	0.27
(32,1853)	1:104:A:PHE:HE1	1:113:A:PHE:HA	16	0.27
(32,1853)	1:104:A:PHE:HE2	1:113:A:PHE:HA	16	0.27
(32,1830)	1:18:A:PHE:HA	1:113:A:PHE:HE1	6	0.27
(32,1830)	1:18:A:PHE:HA	1:113:A:PHE:HE2	6	0.27
(32,1811)	1:13:A:ALA:HA	1:80:A:TYR:HE1	19	0.27
(32,1811)	1:13:A:ALA:HA	1:80:A:TYR:HE2	19	0.27
(32,1795)	1:139:A:LEU:HA	1:143:A:TRP:HD1	17	0.27
(32,1784)	1:9:A:PHE:HZ	1:54:A:ARG:HE	10	0.27
(32,1744)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	4	0.27
(32,1744)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	4	0.27
(32,1658)	1:34:A:LYS:HA	1:35:A:LEU:HB3	2	0.27
(32,1658)	1:34:A:LYS:HA	1:35:A:LEU:HB3	19	0.27
(32,1628)	1:110:A:MET:HB3	1:111:A:GLU:HB2	17	0.27
(32,1628)	1:110:A:MET:HB3	1:111:A:GLU:HB3	17	0.27
(32,1606)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	15	0.27
(32,1606)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	15	0.27
(32,1606)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	15	0.27
(32,1606)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	15	0.27
(32,1606)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	15	0.27
(32,1606)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	15	0.27
(32,1529)	1:11:A:ILE:HD11	1:12:A:VAL:H	17	0.27
(32,1529)	1:11:A:ILE:HD12	1:12:A:VAL:H	17	0.27
(32,1529)	1:11:A:ILE:HD13	1:12:A:VAL:H	17	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1495)	1:76:A:ARG:HG2	1:110:A:MET:HE1	4	0.27
(32,1495)	1:76:A:ARG:HG2	1:110:A:MET:HE2	4	0.27
(32,1495)	1:76:A:ARG:HG2	1:110:A:MET:HE3	4	0.27
(32,1495)	1:76:A:ARG:HG3	1:110:A:MET:HE1	4	0.27
(32,1495)	1:76:A:ARG:HG3	1:110:A:MET:HE2	4	0.27
(32,1495)	1:76:A:ARG:HG3	1:110:A:MET:HE3	4	0.27
(32,1481)	1:110:A:MET:HE1	1:113:A:PHE:HE1	7	0.27
(32,1481)	1:110:A:MET:HE1	1:113:A:PHE:HE2	7	0.27
(32,1481)	1:110:A:MET:HE2	1:113:A:PHE:HE1	7	0.27
(32,1481)	1:110:A:MET:HE2	1:113:A:PHE:HE2	7	0.27
(32,1481)	1:110:A:MET:HE3	1:113:A:PHE:HE1	7	0.27
(32,1481)	1:110:A:MET:HE3	1:113:A:PHE:HE2	7	0.27
(32,1481)	1:110:A:MET:HE1	1:113:A:PHE:HE1	17	0.27
(32,1481)	1:110:A:MET:HE1	1:113:A:PHE:HE2	17	0.27
(32,1481)	1:110:A:MET:HE2	1:113:A:PHE:HE1	17	0.27
(32,1481)	1:110:A:MET:HE2	1:113:A:PHE:HE2	17	0.27
(32,1481)	1:110:A:MET:HE3	1:113:A:PHE:HE1	17	0.27
(32,1481)	1:110:A:MET:HE3	1:113:A:PHE:HE2	17	0.27
(32,1471)	1:15:A:ALA:HB1	1:43:A:MET:HE1	18	0.27
(32,1471)	1:15:A:ALA:HB1	1:43:A:MET:HE2	18	0.27
(32,1471)	1:15:A:ALA:HB1	1:43:A:MET:HE3	18	0.27
(32,1471)	1:15:A:ALA:HB2	1:43:A:MET:HE1	18	0.27
(32,1471)	1:15:A:ALA:HB2	1:43:A:MET:HE2	18	0.27
(32,1471)	1:15:A:ALA:HB2	1:43:A:MET:HE3	18	0.27
(32,1471)	1:15:A:ALA:HB3	1:43:A:MET:HE1	18	0.27
(32,1471)	1:15:A:ALA:HB3	1:43:A:MET:HE2	18	0.27
(32,1471)	1:15:A:ALA:HB3	1:43:A:MET:HE3	18	0.27
(32,1440)	1:101:A:ILE:HG21	1:116:A:GLN:H	2	0.27
(32,1440)	1:101:A:ILE:HG22	1:116:A:GLN:H	2	0.27
(32,1440)	1:101:A:ILE:HG23	1:116:A:GLN:H	2	0.27
(32,1440)	1:101:A:ILE:HG21	1:116:A:GLN:H	18	0.27
(32,1440)	1:101:A:ILE:HG22	1:116:A:GLN:H	18	0.27
(32,1440)	1:101:A:ILE:HG23	1:116:A:GLN:H	18	0.27
(32,1436)	1:101:A:ILE:HG21	1:115:A:ALA:H	10	0.27
(32,1436)	1:101:A:ILE:HG22	1:115:A:ALA:H	10	0.27
(32,1436)	1:101:A:ILE:HG23	1:115:A:ALA:H	10	0.27
(32,1352)	1:94:A:ALA:HA	1:95:A:ILE:HB	6	0.27
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD11	4	0.27
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD12	4	0.27
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD13	4	0.27
(32,1305)	1:131:A:LEU:H	1:131:A:LEU:HD21	4	0.27
(32,1305)	1:131:A:LEU:H	1:131:A:LEU:HD22	4	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1305)	1:131:A:LEU:H	1:131:A:LEU:HD23	4	0.27
(32,1261)	1:18:A:PHE:HD1	1:131:A:LEU:HD21	1	0.27
(32,1261)	1:18:A:PHE:HD1	1:131:A:LEU:HD22	1	0.27
(32,1261)	1:18:A:PHE:HD1	1:131:A:LEU:HD23	1	0.27
(32,1261)	1:18:A:PHE:HD2	1:131:A:LEU:HD21	1	0.27
(32,1261)	1:18:A:PHE:HD2	1:131:A:LEU:HD22	1	0.27
(32,1261)	1:18:A:PHE:HD2	1:131:A:LEU:HD23	1	0.27
(32,1240)	1:114:A:ILE:HA	1:117:A:VAL:HG11	13	0.27
(32,1240)	1:114:A:ILE:HA	1:117:A:VAL:HG12	13	0.27
(32,1240)	1:114:A:ILE:HA	1:117:A:VAL:HG13	13	0.27
(32,1186)	1:110:A:MET:HA	1:113:A:PHE:HB2	19	0.27
(32,1177)	1:69:A:MET:HE1	1:110:A:MET:HA	17	0.27
(32,1177)	1:69:A:MET:HE2	1:110:A:MET:HA	17	0.27
(32,1177)	1:69:A:MET:HE3	1:110:A:MET:HA	17	0.27
(32,1116)	1:13:A:ALA:HB1	1:80:A:TYR:HA	12	0.27
(32,1116)	1:13:A:ALA:HB2	1:80:A:TYR:HA	12	0.27
(32,1116)	1:13:A:ALA:HB3	1:80:A:TYR:HA	12	0.27
(32,1042)	1:11:A:ILE:HG12	1:44:A:GLU:HA	10	0.27
(32,986)	1:81:A:GLU:H	1:81:A:GLU:HB2	7	0.27
(32,933)	1:11:A:ILE:HG13	1:43:A:MET:HB2	9	0.27
(32,929)	1:66:A:THR:H	1:96:A:VAL:HB	11	0.27
(32,902)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	19	0.27
(32,902)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	19	0.27
(32,902)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	19	0.27
(32,902)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	19	0.27
(32,847)	1:56:A:CYS:H	1:122:A:ASP:HB2	6	0.27
(32,820)	1:48:A:ARG:HA	1:48:A:ARG:HD2	6	0.27
(32,820)	1:48:A:ARG:HA	1:48:A:ARG:HD3	6	0.27
(32,812)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	16	0.27
(32,812)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	16	0.27
(32,812)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	16	0.27
(32,812)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	16	0.27
(32,812)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	16	0.27
(32,812)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	16	0.27
(32,795)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	19	0.27
(32,795)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	19	0.27
(32,795)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	19	0.27
(32,776)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	7	0.27
(32,776)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	7	0.27
(32,776)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	7	0.27
(32,773)	1:63:A:ILE:HD11	1:117:A:VAL:HB	8	0.27
(32,773)	1:63:A:ILE:HD12	1:117:A:VAL:HB	8	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,773)	1:63:A:ILE:HD13	1:117:A:VAL:HB	8	0.27
(32,640)	1:98:A:ILE:H	1:100:A:ALA:H	13	0.27
(32,639)	1:66:A:THR:H	1:116:A:GLN:HE22	19	0.27
(32,611)	1:44:A:GLU:HA	1:48:A:ARG:H	15	0.27
(32,350)	1:23:A:LEU:HB2	1:26:A:ASP:H	5	0.27
(32,350)	1:23:A:LEU:HB3	1:26:A:ASP:H	5	0.27
(32,290)	1:128:A:LEU:HB3	1:129:A:LYS:H	16	0.27
(32,192)	1:101:A:ILE:H	1:104:A:PHE:HD1	15	0.27
(32,192)	1:101:A:ILE:H	1:104:A:PHE:HD2	15	0.27
(30,2458)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	13	0.27
(30,2458)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	13	0.27
(30,2458)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	13	0.27
(30,2458)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	13	0.27
(30,2458)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	13	0.27
(30,2458)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	13	0.27
(30,2458)	1:140:A:LEU:HD11	1:144:A:LEU:HB3	13	0.27
(30,2458)	1:140:A:LEU:HD12	1:144:A:LEU:HB3	13	0.27
(30,2458)	1:140:A:LEU:HD13	1:144:A:LEU:HB3	13	0.27
(30,2458)	1:140:A:LEU:HD21	1:144:A:LEU:HB3	13	0.27
(30,2458)	1:140:A:LEU:HD22	1:144:A:LEU:HB3	13	0.27
(30,2458)	1:140:A:LEU:HD23	1:144:A:LEU:HB3	13	0.27
(30,2449)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	14	0.27
(30,2449)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	14	0.27
(30,2449)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	14	0.27
(30,2449)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	14	0.27
(30,2449)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	14	0.27
(30,2449)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	14	0.27
(30,2279)	1:76:A:ARG:H	1:77:A:CYS:HB2	8	0.27
(30,2279)	1:76:A:ARG:H	1:77:A:CYS:HB3	8	0.27
(30,2255)	1:70:A:LYS:H	1:70:A:LYS:HD2	6	0.27
(30,2255)	1:70:A:LYS:H	1:70:A:LYS:HD3	6	0.27
(30,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	7	0.27
(30,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	7	0.27
(30,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	7	0.27
(30,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	7	0.27
(30,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	7	0.27
(30,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	7	0.27
(30,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	7	0.27
(30,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	7	0.27
(30,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	7	0.27
(30,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	7	0.27
(30,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	7	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	7	0.27
(30,2141)	1:40:A:LEU:HD11	1:41:A:LYS:H	13	0.27
(30,2141)	1:40:A:LEU:HD12	1:41:A:LYS:H	13	0.27
(30,2141)	1:40:A:LEU:HD13	1:41:A:LYS:H	13	0.27
(30,2141)	1:40:A:LEU:HD21	1:41:A:LYS:H	13	0.27
(30,2141)	1:40:A:LEU:HD22	1:41:A:LYS:H	13	0.27
(30,2141)	1:40:A:LEU:HD23	1:41:A:LYS:H	13	0.27
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD11	17	0.27
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD12	17	0.27
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD13	17	0.27
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD21	17	0.27
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD22	17	0.27
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD23	17	0.27
(30,2056)	1:30:A:LEU:HD11	1:31:A:PRO:HG2	7	0.27
(30,2056)	1:30:A:LEU:HD11	1:31:A:PRO:HG3	7	0.27
(30,2056)	1:30:A:LEU:HD12	1:31:A:PRO:HG2	7	0.27
(30,2056)	1:30:A:LEU:HD12	1:31:A:PRO:HG3	7	0.27
(30,2056)	1:30:A:LEU:HD13	1:31:A:PRO:HG2	7	0.27
(30,2056)	1:30:A:LEU:HD13	1:31:A:PRO:HG3	7	0.27
(30,2056)	1:30:A:LEU:HD21	1:31:A:PRO:HG2	7	0.27
(30,2056)	1:30:A:LEU:HD21	1:31:A:PRO:HG3	7	0.27
(30,2056)	1:30:A:LEU:HD22	1:31:A:PRO:HG2	7	0.27
(30,2056)	1:30:A:LEU:HD22	1:31:A:PRO:HG3	7	0.27
(30,2056)	1:30:A:LEU:HD23	1:31:A:PRO:HG2	7	0.27
(30,2056)	1:30:A:LEU:HD23	1:31:A:PRO:HG3	7	0.27
(30,2002)	1:15:A:ALA:HA	1:131:A:LEU:HB2	13	0.27
(30,2002)	1:15:A:ALA:HA	1:131:A:LEU:HB3	13	0.27
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	1	0.27
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	1	0.27
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	1	0.27
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	1	0.27
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	1	0.27
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	1	0.27
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	1	0.27
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	1	0.27
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	1	0.27
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	1	0.27
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	1	0.27
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	1	0.27
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	1	0.27
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	1	0.27
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	1	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	1	0.27
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	1	0.27
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	1	0.27
(30,1936)	1:9:A:PHE:HE1	1:14:A:VAL:HG11	5	0.27
(30,1936)	1:9:A:PHE:HE1	1:14:A:VAL:HG12	5	0.27
(30,1936)	1:9:A:PHE:HE1	1:14:A:VAL:HG13	5	0.27
(30,1936)	1:9:A:PHE:HE1	1:14:A:VAL:HG21	5	0.27
(30,1936)	1:9:A:PHE:HE1	1:14:A:VAL:HG22	5	0.27
(30,1936)	1:9:A:PHE:HE1	1:14:A:VAL:HG23	5	0.27
(30,1936)	1:9:A:PHE:HE2	1:14:A:VAL:HG11	5	0.27
(30,1936)	1:9:A:PHE:HE2	1:14:A:VAL:HG12	5	0.27
(30,1936)	1:9:A:PHE:HE2	1:14:A:VAL:HG13	5	0.27
(30,1936)	1:9:A:PHE:HE2	1:14:A:VAL:HG21	5	0.27
(30,1936)	1:9:A:PHE:HE2	1:14:A:VAL:HG22	5	0.27
(30,1936)	1:9:A:PHE:HE2	1:14:A:VAL:HG23	5	0.27
(30,1901)	1:63:A:ILE:HB	1:113:A:PHE:HD1	8	0.27
(30,1901)	1:63:A:ILE:HB	1:113:A:PHE:HD2	8	0.27
(30,1886)	1:104:A:PHE:HE1	1:113:A:PHE:HA	16	0.27
(30,1886)	1:104:A:PHE:HE2	1:113:A:PHE:HA	16	0.27
(30,1868)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	2	0.27
(30,1868)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	2	0.27
(30,1851)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	19	0.27
(30,1851)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	19	0.27
(30,1846)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	7	0.27
(30,1846)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	7	0.27
(30,1819)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	8	0.27
(30,1819)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	8	0.27
(30,1771)	1:63:A:ILE:HG21	1:116:A:GLN:HG2	11	0.27
(30,1771)	1:63:A:ILE:HG22	1:116:A:GLN:HG2	11	0.27
(30,1771)	1:63:A:ILE:HG23	1:116:A:GLN:HG2	11	0.27
(30,1766)	1:39:A:VAL:HG21	1:144:A:LEU:H	2	0.27
(30,1766)	1:39:A:VAL:HG22	1:144:A:LEU:H	2	0.27
(30,1766)	1:39:A:VAL:HG23	1:144:A:LEU:H	2	0.27
(30,1690)	1:69:A:MET:HA	1:109:A:PRO:HA	13	0.27
(30,1657)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	6	0.27
(30,1657)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	6	0.27
(30,1657)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	6	0.27
(30,1649)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	11	0.27
(30,1649)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	11	0.27
(30,1649)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	11	0.27
(30,1649)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	11	0.27
(30,1649)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	11	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1649)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	11	0.27
(30,1601)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	12	0.27
(30,1601)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	12	0.27
(30,1601)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	12	0.27
(30,1570)	1:11:A:ILE:HD11	1:12:A:VAL:H	17	0.27
(30,1570)	1:11:A:ILE:HD12	1:12:A:VAL:H	17	0.27
(30,1570)	1:11:A:ILE:HD13	1:12:A:VAL:H	17	0.27
(30,1510)	1:15:A:ALA:HB1	1:43:A:MET:HE1	18	0.27
(30,1510)	1:15:A:ALA:HB1	1:43:A:MET:HE2	18	0.27
(30,1510)	1:15:A:ALA:HB1	1:43:A:MET:HE3	18	0.27
(30,1510)	1:15:A:ALA:HB2	1:43:A:MET:HE1	18	0.27
(30,1510)	1:15:A:ALA:HB2	1:43:A:MET:HE2	18	0.27
(30,1510)	1:15:A:ALA:HB2	1:43:A:MET:HE3	18	0.27
(30,1510)	1:15:A:ALA:HB3	1:43:A:MET:HE1	18	0.27
(30,1510)	1:15:A:ALA:HB3	1:43:A:MET:HE2	18	0.27
(30,1510)	1:15:A:ALA:HB3	1:43:A:MET:HE3	18	0.27
(30,1490)	1:114:A:ILE:HG21	1:117:A:VAL:H	17	0.27
(30,1490)	1:114:A:ILE:HG22	1:117:A:VAL:H	17	0.27
(30,1490)	1:114:A:ILE:HG23	1:117:A:VAL:H	17	0.27
(30,1480)	1:101:A:ILE:HG21	1:115:A:ALA:HA	12	0.27
(30,1480)	1:101:A:ILE:HG22	1:115:A:ALA:HA	12	0.27
(30,1480)	1:101:A:ILE:HG23	1:115:A:ALA:HA	12	0.27
(30,1474)	1:101:A:ILE:HG21	1:115:A:ALA:H	10	0.27
(30,1474)	1:101:A:ILE:HG22	1:115:A:ALA:H	10	0.27
(30,1474)	1:101:A:ILE:HG23	1:115:A:ALA:H	10	0.27
(30,1384)	1:94:A:ALA:HA	1:95:A:ILE:HB	6	0.27
(30,1363)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	8	0.27
(30,1363)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	8	0.27
(30,1363)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	8	0.27
(30,1344)	1:114:A:ILE:HA	1:117:A:VAL:HG11	13	0.27
(30,1344)	1:114:A:ILE:HA	1:117:A:VAL:HG12	13	0.27
(30,1344)	1:114:A:ILE:HA	1:117:A:VAL:HG13	13	0.27
(30,1287)	1:18:A:PHE:HD1	1:131:A:LEU:HD21	1	0.27
(30,1287)	1:18:A:PHE:HD1	1:131:A:LEU:HD22	1	0.27
(30,1287)	1:18:A:PHE:HD1	1:131:A:LEU:HD23	1	0.27
(30,1287)	1:18:A:PHE:HD2	1:131:A:LEU:HD21	1	0.27
(30,1287)	1:18:A:PHE:HD2	1:131:A:LEU:HD22	1	0.27
(30,1287)	1:18:A:PHE:HD2	1:131:A:LEU:HD23	1	0.27
(30,1245)	1:37:A:LEU:HD11	1:38:A:GLU:HA	3	0.27
(30,1245)	1:37:A:LEU:HD12	1:38:A:GLU:HA	3	0.27
(30,1245)	1:37:A:LEU:HD13	1:38:A:GLU:HA	3	0.27
(30,1245)	1:37:A:LEU:HD11	1:38:A:GLU:HA	5	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1245)	1:37:A:LEU:HD12	1:38:A:GLU:HA	5	0.27
(30,1245)	1:37:A:LEU:HD13	1:38:A:GLU:HA	5	0.27
(30,1207)	1:69:A:MET:HE1	1:110:A:MET:HA	17	0.27
(30,1207)	1:69:A:MET:HE2	1:110:A:MET:HA	17	0.27
(30,1207)	1:69:A:MET:HE3	1:110:A:MET:HA	17	0.27
(30,1099)	1:18:A:PHE:HA	1:113:A:PHE:HZ	6	0.27
(30,1094)	1:116:A:GLN:HA	1:119:A:LEU:HD21	9	0.27
(30,1094)	1:116:A:GLN:HA	1:119:A:LEU:HD22	9	0.27
(30,1094)	1:116:A:GLN:HA	1:119:A:LEU:HD23	9	0.27
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB1	11	0.27
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB2	11	0.27
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB3	11	0.27
(30,990)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	10	0.27
(30,990)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	10	0.27
(30,990)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	10	0.27
(30,946)	1:40:A:LEU:HA	1:43:A:MET:HG2	11	0.27
(30,927)	1:79:A:THR:HG21	1:81:A:GLU:HG2	15	0.27
(30,927)	1:79:A:THR:HG21	1:81:A:GLU:HG3	15	0.27
(30,927)	1:79:A:THR:HG22	1:81:A:GLU:HG2	15	0.27
(30,927)	1:79:A:THR:HG22	1:81:A:GLU:HG3	15	0.27
(30,927)	1:79:A:THR:HG23	1:81:A:GLU:HG2	15	0.27
(30,927)	1:79:A:THR:HG23	1:81:A:GLU:HG3	15	0.27
(30,926)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	19	0.27
(30,926)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	19	0.27
(30,926)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	19	0.27
(30,926)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	19	0.27
(30,902)	1:150:A:THR:H	1:150:A:THR:HB	10	0.27
(30,902)	1:150:A:THR:H	1:150:A:THR:HB	12	0.27
(30,839)	1:48:A:ARG:HA	1:48:A:ARG:HD2	6	0.27
(30,839)	1:48:A:ARG:HA	1:48:A:ARG:HD3	6	0.27
(30,827)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	16	0.27
(30,827)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	16	0.27
(30,827)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	16	0.27
(30,827)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	16	0.27
(30,827)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	16	0.27
(30,827)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	16	0.27
(30,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	1	0.27
(30,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	1	0.27
(30,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	1	0.27
(30,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	1	0.27
(30,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	1	0.27
(30,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	1	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,756)	1:53:A:THR:H	1:53:A:THR:HG21	11	0.27
(30,756)	1:53:A:THR:H	1:53:A:THR:HG22	11	0.27
(30,756)	1:53:A:THR:H	1:53:A:THR:HG23	11	0.27
(30,715)	1:54:A:ARG:HE	1:58:A:ILE:HD11	3	0.27
(30,715)	1:54:A:ARG:HE	1:58:A:ILE:HD12	3	0.27
(30,715)	1:54:A:ARG:HE	1:58:A:ILE:HD13	3	0.27
(30,698)	1:98:A:ILE:H	1:104:A:PHE:H	14	0.27
(30,650)	1:66:A:THR:H	1:70:A:LYS:H	13	0.27
(30,581)	1:129:A:LYS:HG2	1:130:A:GLY:H	13	0.27
(30,361)	1:23:A:LEU:HB2	1:26:A:ASP:H	10	0.27
(30,361)	1:23:A:LEU:HB3	1:26:A:ASP:H	10	0.27
(30,298)	1:128:A:LEU:HB3	1:129:A:LYS:H	16	0.27
(30,249)	1:58:A:ILE:H	1:58:A:ILE:HG13	10	0.27
(30,173)	1:8:A:ASP:H	1:58:A:ILE:HG13	6	0.27
(30,39)	1:43:A:MET:HA	1:47:A:ALA:H	6	0.27
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD11	6	0.27
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD12	6	0.27
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD13	6	0.27
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD21	6	0.27
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD22	6	0.27
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD23	6	0.27
(29,2358)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	17	0.27
(29,2358)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	17	0.27
(29,2358)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	17	0.27
(29,2358)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	17	0.27
(29,2358)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	17	0.27
(29,2358)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	17	0.27
(29,2243)	1:70:A:LYS:H	1:70:A:LYS:HD2	6	0.27
(29,2243)	1:70:A:LYS:H	1:70:A:LYS:HD3	6	0.27
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG11	4	0.27
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG12	4	0.27
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG13	4	0.27
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG21	4	0.27
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG22	4	0.27
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG23	4	0.27
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG11	4	0.27
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG12	4	0.27
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG13	4	0.27
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG21	4	0.27
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG22	4	0.27
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG23	4	0.27
(29,2026)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	8	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2026)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	8	0.27
(29,2026)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	8	0.27
(29,2026)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	8	0.27
(29,2026)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	8	0.27
(29,2026)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	8	0.27
(29,2026)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	8	0.27
(29,2026)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	8	0.27
(29,2026)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	8	0.27
(29,2026)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	8	0.27
(29,2026)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	8	0.27
(29,2026)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	8	0.27
(29,2026)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	8	0.27
(29,2026)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	8	0.27
(29,2026)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	8	0.27
(29,2026)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	8	0.27
(29,2026)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	8	0.27
(29,2026)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	8	0.27
(29,2026)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	18	0.27
(29,2026)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	18	0.27
(29,2026)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	18	0.27
(29,2026)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	18	0.27
(29,2026)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	18	0.27
(29,2026)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	18	0.27
(29,2026)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	18	0.27
(29,2026)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	18	0.27
(29,2026)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	18	0.27
(29,2026)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	18	0.27
(29,2026)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	18	0.27
(29,2026)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	18	0.27
(29,2026)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	18	0.27
(29,2026)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	18	0.27
(29,2026)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	18	0.27
(29,2026)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	18	0.27
(29,2026)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	18	0.27
(29,2026)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	18	0.27
(29,2022)	1:15:A:ALA:H	1:17:A:ASN:HD21	4	0.27
(29,2022)	1:15:A:ALA:H	1:17:A:ASN:HD22	4	0.27
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	1	0.27
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	1	0.27
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	1	0.27
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	1	0.27
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	1	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	1	0.27
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	1	0.27
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	1	0.27
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	1	0.27
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	1	0.27
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	1	0.27
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	1	0.27
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	1	0.27
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	1	0.27
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	1	0.27
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	1	0.27
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	1	0.27
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	1	0.27
(29,1963)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	6	0.27
(29,1963)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	6	0.27
(29,1963)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	6	0.27
(29,1963)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	6	0.27
(29,1963)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	6	0.27
(29,1963)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	6	0.27
(29,1928)	1:80:A:TYR:HE1	1:81:A:GLU:H	12	0.27
(29,1928)	1:80:A:TYR:HE2	1:81:A:GLU:H	12	0.27
(29,1922)	1:151:A:PHE:H	1:151:A:PHE:HD1	15	0.27
(29,1922)	1:151:A:PHE:H	1:151:A:PHE:HD2	15	0.27
(29,1884)	1:9:A:PHE:HE1	1:58:A:ILE:HG12	9	0.27
(29,1884)	1:9:A:PHE:HE2	1:58:A:ILE:HG12	9	0.27
(29,1882)	1:18:A:PHE:HA	1:113:A:PHE:HE1	6	0.27
(29,1882)	1:18:A:PHE:HA	1:113:A:PHE:HE2	6	0.27
(29,1849)	1:139:A:LEU:HA	1:143:A:TRP:HD1	17	0.27
(29,1828)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	7	0.27
(29,1828)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	7	0.27
(29,1828)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	7	0.27
(29,1828)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	7	0.27
(29,1828)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	7	0.27
(29,1828)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	7	0.27
(29,1816)	1:71:A:LYS:HE2	1:72:A:PHE:HD1	9	0.27
(29,1816)	1:71:A:LYS:HE2	1:72:A:PHE:HD2	9	0.27
(29,1816)	1:71:A:LYS:HE3	1:72:A:PHE:HD1	9	0.27
(29,1816)	1:71:A:LYS:HE3	1:72:A:PHE:HD2	9	0.27
(29,1807)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	16	0.27
(29,1807)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	16	0.27
(29,1807)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	16	0.27
(29,1807)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	16	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1784)	1:39:A:VAL:HG21	1:144:A:LEU:H	2	0.27
(29,1784)	1:39:A:VAL:HG22	1:144:A:LEU:H	2	0.27
(29,1784)	1:39:A:VAL:HG23	1:144:A:LEU:H	2	0.27
(29,1722)	1:34:A:LYS:HA	1:35:A:LEU:HB3	2	0.27
(29,1722)	1:34:A:LYS:HA	1:35:A:LEU:HB3	19	0.27
(29,1675)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	8	0.27
(29,1675)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	8	0.27
(29,1675)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	8	0.27
(29,1668)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	14	0.27
(29,1668)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	14	0.27
(29,1668)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	14	0.27
(29,1668)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	14	0.27
(29,1668)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	14	0.27
(29,1668)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	14	0.27
(29,1668)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	14	0.27
(29,1668)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	14	0.27
(29,1668)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	14	0.27
(29,1594)	1:101:A:ILE:HD11	1:112:A:GLN:HA	10	0.27
(29,1594)	1:101:A:ILE:HD12	1:112:A:GLN:HA	10	0.27
(29,1594)	1:101:A:ILE:HD13	1:112:A:GLN:HA	10	0.27
(29,1581)	1:11:A:ILE:HD11	1:12:A:VAL:H	17	0.27
(29,1581)	1:11:A:ILE:HD12	1:12:A:VAL:H	17	0.27
(29,1581)	1:11:A:ILE:HD13	1:12:A:VAL:H	17	0.27
(29,1548)	1:76:A:ARG:HG2	1:110:A:MET:HE1	4	0.27
(29,1548)	1:76:A:ARG:HG2	1:110:A:MET:HE2	4	0.27
(29,1548)	1:76:A:ARG:HG2	1:110:A:MET:HE3	4	0.27
(29,1548)	1:76:A:ARG:HG3	1:110:A:MET:HE1	4	0.27
(29,1548)	1:76:A:ARG:HG3	1:110:A:MET:HE2	4	0.27
(29,1548)	1:76:A:ARG:HG3	1:110:A:MET:HE3	4	0.27
(29,1525)	1:15:A:ALA:HB1	1:43:A:MET:HE1	18	0.27
(29,1525)	1:15:A:ALA:HB1	1:43:A:MET:HE2	18	0.27
(29,1525)	1:15:A:ALA:HB1	1:43:A:MET:HE3	18	0.27
(29,1525)	1:15:A:ALA:HB2	1:43:A:MET:HE1	18	0.27
(29,1525)	1:15:A:ALA:HB2	1:43:A:MET:HE2	18	0.27
(29,1525)	1:15:A:ALA:HB2	1:43:A:MET:HE3	18	0.27
(29,1525)	1:15:A:ALA:HB3	1:43:A:MET:HE1	18	0.27
(29,1525)	1:15:A:ALA:HB3	1:43:A:MET:HE2	18	0.27
(29,1525)	1:15:A:ALA:HB3	1:43:A:MET:HE3	18	0.27
(29,1484)	1:101:A:ILE:HG21	1:115:A:ALA:H	10	0.27
(29,1484)	1:101:A:ILE:HG22	1:115:A:ALA:H	10	0.27
(29,1484)	1:101:A:ILE:HG23	1:115:A:ALA:H	10	0.27
(29,1450)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	18	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1450)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	18	0.27
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD11	7	0.27
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD12	7	0.27
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD13	7	0.27
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD11	7	0.27
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD12	7	0.27
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD13	7	0.27
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD11	7	0.27
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD12	7	0.27
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD13	7	0.27
(29,1304)	1:18:A:PHE:HD1	1:131:A:LEU:HD21	1	0.27
(29,1304)	1:18:A:PHE:HD1	1:131:A:LEU:HD22	1	0.27
(29,1304)	1:18:A:PHE:HD1	1:131:A:LEU:HD23	1	0.27
(29,1304)	1:18:A:PHE:HD2	1:131:A:LEU:HD21	1	0.27
(29,1304)	1:18:A:PHE:HD2	1:131:A:LEU:HD22	1	0.27
(29,1304)	1:18:A:PHE:HD2	1:131:A:LEU:HD23	1	0.27
(29,1282)	1:114:A:ILE:HA	1:117:A:VAL:HG11	13	0.27
(29,1282)	1:114:A:ILE:HA	1:117:A:VAL:HG12	13	0.27
(29,1282)	1:114:A:ILE:HA	1:117:A:VAL:HG13	13	0.27
(29,1200)	1:100:A:ALA:HB1	1:119:A:LEU:HD21	8	0.27
(29,1200)	1:100:A:ALA:HB1	1:119:A:LEU:HD22	8	0.27
(29,1200)	1:100:A:ALA:HB1	1:119:A:LEU:HD23	8	0.27
(29,1200)	1:100:A:ALA:HB2	1:119:A:LEU:HD21	8	0.27
(29,1200)	1:100:A:ALA:HB2	1:119:A:LEU:HD22	8	0.27
(29,1200)	1:100:A:ALA:HB2	1:119:A:LEU:HD23	8	0.27
(29,1200)	1:100:A:ALA:HB3	1:119:A:LEU:HD21	8	0.27
(29,1200)	1:100:A:ALA:HB3	1:119:A:LEU:HD22	8	0.27
(29,1200)	1:100:A:ALA:HB3	1:119:A:LEU:HD23	8	0.27
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD21	12	0.27
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD22	12	0.27
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD23	12	0.27
(29,1166)	1:13:A:ALA:HB1	1:80:A:TYR:HA	12	0.27
(29,1166)	1:13:A:ALA:HB2	1:80:A:TYR:HA	12	0.27
(29,1166)	1:13:A:ALA:HB3	1:80:A:TYR:HA	12	0.27
(29,1163)	1:145:A:PRO:HB2	1:146:A:GLN:HA	7	0.27
(29,940)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	19	0.27
(29,940)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	19	0.27
(29,940)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	19	0.27
(29,940)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	19	0.27
(29,853)	1:48:A:ARG:HA	1:48:A:ARG:HD2	6	0.27
(29,853)	1:48:A:ARG:HA	1:48:A:ARG:HD3	6	0.27
(29,843)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	16	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,843)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	16	0.27
(29,843)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	16	0.27
(29,843)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	16	0.27
(29,843)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	16	0.27
(29,843)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	16	0.27
(29,829)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	19	0.27
(29,829)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	19	0.27
(29,829)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	19	0.27
(29,815)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	7	0.27
(29,815)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	7	0.27
(29,815)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	7	0.27
(29,798)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	1	0.27
(29,798)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	1	0.27
(29,798)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	1	0.27
(29,798)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	1	0.27
(29,798)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	1	0.27
(29,798)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	1	0.27
(29,739)	1:46:A:ASN:HA	1:50:A:ALA:H	17	0.27
(29,725)	1:54:A:ARG:HE	1:58:A:ILE:HD11	3	0.27
(29,725)	1:54:A:ARG:HE	1:58:A:ILE:HD12	3	0.27
(29,725)	1:54:A:ARG:HE	1:58:A:ILE:HD13	3	0.27
(29,723)	1:48:A:ARG:HE	1:49:A:LYS:H	7	0.27
(29,713)	1:27:A:ARG:HB3	1:27:A:ARG:HE	12	0.27
(29,713)	1:27:A:ARG:HB2	1:27:A:ARG:HE	12	0.27
(29,679)	1:120:A:CYS:H	1:121:A:VAL:HG11	6	0.27
(29,679)	1:120:A:CYS:H	1:121:A:VAL:HG12	6	0.27
(29,679)	1:120:A:CYS:H	1:121:A:VAL:HG13	6	0.27
(29,679)	1:120:A:CYS:H	1:121:A:VAL:HG11	10	0.27
(29,679)	1:120:A:CYS:H	1:121:A:VAL:HG12	10	0.27
(29,679)	1:120:A:CYS:H	1:121:A:VAL:HG13	10	0.27
(29,634)	1:57:A:LEU:H	1:58:A:ILE:HG13	16	0.27
(29,532)	1:71:A:LYS:HG3	1:72:A:PHE:H	10	0.27
(29,357)	1:23:A:LEU:HB2	1:26:A:ASP:H	10	0.27
(29,357)	1:23:A:LEU:HB3	1:26:A:ASP:H	10	0.27
(29,238)	1:50:A:ALA:H	1:52:A:CYS:H	12	0.27
(29,206)	1:101:A:ILE:H	1:104:A:PHE:HD1	15	0.27
(29,206)	1:101:A:ILE:H	1:104:A:PHE:HD2	15	0.27
(29,159)	1:67:A:PRO:HD3	1:95:A:ILE:H	8	0.27
(29,122)	1:79:A:THR:H	1:80:A:TYR:H	1	0.27
(29,122)	1:79:A:THR:H	1:80:A:TYR:H	3	0.27
(29,122)	1:79:A:THR:H	1:80:A:TYR:H	15	0.27
(29,108)	1:69:A:MET:H	1:69:A:MET:HE1	6	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,108)	1:69:A:MET:H	1:69:A:MET:HE2	6	0.27
(29,108)	1:69:A:MET:H	1:69:A:MET:HE3	6	0.27
(29,83)	1:43:A:MET:HB2	1:45:A:ALA:H	11	0.27
(29,37)	1:95:A:ILE:HB	1:96:A:VAL:H	1	0.27
(23,4)	1:45:A:ALA:N	1:41:A:LYS:O	1	0.27
(23,3)	1:44:A:GLU:N	1:40:A:LEU:O	13	0.27
(22,27)	1:115:A:ALA:H	1:111:A:GLU:C	5	0.27
(22,18)	1:73:A:ILE:N	1:69:A:MET:C	12	0.27
(22,12)	1:59:A:CYS:N	1:55:A:GLY:C	6	0.27
(22,12)	1:59:A:CYS:N	1:55:A:GLY:C	19	0.27
(22,8)	1:45:A:ALA:N	1:41:A:LYS:C	1	0.27
(22,8)	1:45:A:ALA:N	1:41:A:LYS:C	15	0.27
(22,4)	1:39:A:VAL:N	1:36:A:PRO:C	10	0.27
(18,2452)	1:141:A:LYS:HA	1:144:A:LEU:HD11	5	0.27
(18,2452)	1:141:A:LYS:HA	1:144:A:LEU:HD12	5	0.27
(18,2452)	1:141:A:LYS:HA	1:144:A:LEU:HD13	5	0.27
(18,2452)	1:141:A:LYS:HA	1:144:A:LEU:HD21	5	0.27
(18,2452)	1:141:A:LYS:HA	1:144:A:LEU:HD22	5	0.27
(18,2452)	1:141:A:LYS:HA	1:144:A:LEU:HD23	5	0.27
(18,2440)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	14	0.27
(18,2440)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	14	0.27
(18,2440)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	14	0.27
(18,2440)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	14	0.27
(18,2440)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	14	0.27
(18,2440)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	14	0.27
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD11	5	0.27
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD12	5	0.27
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD13	5	0.27
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD21	5	0.27
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD22	5	0.27
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD23	5	0.27
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD11	17	0.27
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD12	17	0.27
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD13	17	0.27
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD21	17	0.27
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD22	17	0.27
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD23	17	0.27
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD11	6	0.27
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD12	6	0.27
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD13	6	0.27
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD21	6	0.27
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD22	6	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD23	6	0.27
(18,2325)	1:107:A:LEU:HD11	1:115:A:ALA:H	1	0.27
(18,2325)	1:107:A:LEU:HD12	1:115:A:ALA:H	1	0.27
(18,2325)	1:107:A:LEU:HD13	1:115:A:ALA:H	1	0.27
(18,2325)	1:107:A:LEU:HD21	1:115:A:ALA:H	1	0.27
(18,2325)	1:107:A:LEU:HD22	1:115:A:ALA:H	1	0.27
(18,2325)	1:107:A:LEU:HD23	1:115:A:ALA:H	1	0.27
(18,2317)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	8	0.27
(18,2317)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	8	0.27
(18,2317)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	8	0.27
(18,2317)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	8	0.27
(18,2317)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	8	0.27
(18,2317)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	8	0.27
(18,2317)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	8	0.27
(18,2317)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	8	0.27
(18,2317)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	8	0.27
(18,2317)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	8	0.27
(18,2317)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	8	0.27
(18,2317)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	8	0.27
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	9	0.27
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	9	0.27
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	9	0.27
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	9	0.27
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	9	0.27
(18,2057)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	9	0.27
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	9	0.27
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	9	0.27
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	9	0.27
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	9	0.27
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	9	0.27
(18,2057)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	9	0.27
(18,2026)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	8	0.27
(18,2026)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	8	0.27
(18,2026)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	8	0.27
(18,2026)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	8	0.27
(18,2026)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	8	0.27
(18,2026)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	8	0.27
(18,2014)	1:18:A:PHE:HB2	1:132:A:ALA:H	5	0.27
(18,2014)	1:18:A:PHE:HB3	1:132:A:ALA:H	5	0.27
(18,2002)	1:15:A:ALA:HB1	1:16:A:SER:HB2	15	0.27
(18,2002)	1:15:A:ALA:HB1	1:16:A:SER:HB3	15	0.27
(18,2002)	1:15:A:ALA:HB2	1:16:A:SER:HB2	15	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2002)	1:15:A:ALA:HB2	1:16:A:SER:HB3	15	0.27
(18,2002)	1:15:A:ALA:HB3	1:16:A:SER:HB2	15	0.27
(18,2002)	1:15:A:ALA:HB3	1:16:A:SER:HB3	15	0.27
(18,1999)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	7	0.27
(18,1999)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	7	0.27
(18,1999)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	7	0.27
(18,1999)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	7	0.27
(18,1999)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	7	0.27
(18,1999)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	7	0.27
(18,1999)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	7	0.27
(18,1999)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	7	0.27
(18,1999)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	7	0.27
(18,1999)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	7	0.27
(18,1999)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	7	0.27
(18,1999)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	7	0.27
(18,1999)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	7	0.27
(18,1999)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	7	0.27
(18,1999)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	7	0.27
(18,1999)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	7	0.27
(18,1999)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	7	0.27
(18,1999)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	7	0.27
(18,1999)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	7	0.27
(18,1999)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	7	0.27
(18,1999)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	7	0.27
(18,1999)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	7	0.27
(18,1999)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	7	0.27
(18,1999)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	7	0.27
(18,1999)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	7	0.27
(18,1999)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	7	0.27
(18,1999)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	7	0.27
(18,1999)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	7	0.27
(18,1999)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	7	0.27
(18,1999)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	7	0.27
(18,1999)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	7	0.27
(18,1999)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	7	0.27
(18,1999)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	7	0.27
(18,1999)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	7	0.27
(18,1999)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	7	0.27
(18,1999)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	7	0.27
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG11	2	0.27
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG12	2	0.27
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG13	2	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG21	2	0.27
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG22	2	0.27
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG23	2	0.27
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	18	0.27
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	18	0.27
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	18	0.27
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	18	0.27
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	18	0.27
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	18	0.27
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	18	0.27
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	18	0.27
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	18	0.27
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	18	0.27
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	18	0.27
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	18	0.27
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	18	0.27
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	18	0.27
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	18	0.27
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	18	0.27
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	18	0.27
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	18	0.27
(18,1943)	1:10:A:ASN:HD21	1:80:A:TYR:H	16	0.27
(18,1943)	1:10:A:ASN:HD22	1:80:A:TYR:H	16	0.27
(18,1900)	1:80:A:TYR:HE1	1:81:A:GLU:H	12	0.27
(18,1900)	1:80:A:TYR:HE2	1:81:A:GLU:H	12	0.27
(18,1898)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	5	0.27
(18,1898)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	5	0.27
(18,1887)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	5	0.27
(18,1887)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	5	0.27
(18,1887)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	5	0.27
(18,1887)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	5	0.27
(18,1887)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	5	0.27
(18,1887)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	5	0.27
(18,1873)	1:104:A:PHE:HE1	1:113:A:PHE:HA	16	0.27
(18,1873)	1:104:A:PHE:HE2	1:113:A:PHE:HA	16	0.27
(18,1851)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	2	0.27
(18,1851)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	2	0.27
(18,1832)	1:13:A:ALA:HA	1:80:A:TYR:HE1	4	0.27
(18,1832)	1:13:A:ALA:HA	1:80:A:TYR:HE2	4	0.27
(18,1820)	1:139:A:LEU:HA	1:143:A:TRP:HD1	17	0.27
(18,1817)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	18	0.27
(18,1778)	1:68:A:LYS:HA	1:72:A:PHE:HD1	15	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1778)	1:68:A:LYS:HA	1:72:A:PHE:HD2	15	0.27
(18,1767)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	16	0.27
(18,1767)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	16	0.27
(18,1767)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	16	0.27
(18,1767)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	16	0.27
(18,1749)	1:97:A:ASP:HA	1:105:A:LYS:HA	4	0.27
(18,1588)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	15	0.27
(18,1588)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	15	0.27
(18,1588)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	15	0.27
(18,1569)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	8	0.27
(18,1569)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	8	0.27
(18,1569)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	8	0.27
(18,1565)	1:101:A:ILE:HD11	1:112:A:GLN:HA	10	0.27
(18,1565)	1:101:A:ILE:HD12	1:112:A:GLN:HA	10	0.27
(18,1565)	1:101:A:ILE:HD13	1:112:A:GLN:HA	10	0.27
(18,1552)	1:11:A:ILE:HD11	1:12:A:VAL:H	17	0.27
(18,1552)	1:11:A:ILE:HD12	1:12:A:VAL:H	17	0.27
(18,1552)	1:11:A:ILE:HD13	1:12:A:VAL:H	17	0.27
(18,1511)	1:110:A:MET:HE1	1:113:A:PHE:HE1	10	0.27
(18,1511)	1:110:A:MET:HE1	1:113:A:PHE:HE2	10	0.27
(18,1511)	1:110:A:MET:HE2	1:113:A:PHE:HE1	10	0.27
(18,1511)	1:110:A:MET:HE2	1:113:A:PHE:HE2	10	0.27
(18,1511)	1:110:A:MET:HE3	1:113:A:PHE:HE1	10	0.27
(18,1511)	1:110:A:MET:HE3	1:113:A:PHE:HE2	10	0.27
(18,1502)	1:15:A:ALA:HB1	1:43:A:MET:HE1	18	0.27
(18,1502)	1:15:A:ALA:HB1	1:43:A:MET:HE2	18	0.27
(18,1502)	1:15:A:ALA:HB1	1:43:A:MET:HE3	18	0.27
(18,1502)	1:15:A:ALA:HB2	1:43:A:MET:HE1	18	0.27
(18,1502)	1:15:A:ALA:HB2	1:43:A:MET:HE2	18	0.27
(18,1502)	1:15:A:ALA:HB2	1:43:A:MET:HE3	18	0.27
(18,1502)	1:15:A:ALA:HB3	1:43:A:MET:HE1	18	0.27
(18,1502)	1:15:A:ALA:HB3	1:43:A:MET:HE2	18	0.27
(18,1502)	1:15:A:ALA:HB3	1:43:A:MET:HE3	18	0.27
(18,1464)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	4	0.27
(18,1464)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	4	0.27
(18,1464)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	4	0.27
(18,1464)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	4	0.27
(18,1464)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	4	0.27
(18,1464)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	4	0.27
(18,1438)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	18	0.27
(18,1438)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	18	0.27
(18,1424)	1:119:A:LEU:HA	1:121:A:VAL:HG21	4	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1424)	1:119:A:LEU:HA	1:121:A:VAL:HG22	4	0.27
(18,1424)	1:119:A:LEU:HA	1:121:A:VAL:HG23	4	0.27
(18,1408)	1:73:A:ILE:HG21	1:110:A:MET:H	13	0.27
(18,1408)	1:73:A:ILE:HG22	1:110:A:MET:H	13	0.27
(18,1408)	1:73:A:ILE:HG23	1:110:A:MET:H	13	0.27
(18,1400)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	12	0.27
(18,1400)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	12	0.27
(18,1400)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	12	0.27
(18,1400)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	12	0.27
(18,1400)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	12	0.27
(18,1400)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	12	0.27
(18,1380)	1:94:A:ALA:HA	1:95:A:ILE:HB	6	0.27
(18,1268)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	8	0.27
(18,1268)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	8	0.27
(18,1268)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	8	0.27
(18,1268)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	8	0.27
(18,1268)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	8	0.27
(18,1268)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	8	0.27
(18,1235)	1:79:A:THR:HG21	1:81:A:GLU:HA	13	0.27
(18,1235)	1:79:A:THR:HG22	1:81:A:GLU:HA	13	0.27
(18,1235)	1:79:A:THR:HG23	1:81:A:GLU:HA	13	0.27
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB1	11	0.27
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB2	11	0.27
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB3	11	0.27
(18,1099)	1:138:A:ASP:HA	1:141:A:LYS:HA	7	0.27
(18,1029)	1:81:A:GLU:H	1:81:A:GLU:HB2	7	0.27
(18,970)	1:66:A:THR:H	1:96:A:VAL:HB	13	0.27
(18,811)	1:54:A:ARG:HE	1:58:A:ILE:HD11	7	0.27
(18,811)	1:54:A:ARG:HE	1:58:A:ILE:HD12	7	0.27
(18,811)	1:54:A:ARG:HE	1:58:A:ILE:HD13	7	0.27
(18,780)	1:126:A:GLY:HA2	1:129:A:LYS:HB2	2	0.27
(18,780)	1:126:A:GLY:HA2	1:129:A:LYS:HB3	2	0.27
(18,744)	1:46:A:ASN:HA	1:50:A:ALA:H	17	0.27
(18,720)	1:23:A:LEU:HD21	1:27:A:ARG:HE	18	0.27
(18,720)	1:23:A:LEU:HD22	1:27:A:ARG:HE	18	0.27
(18,720)	1:23:A:LEU:HD23	1:27:A:ARG:HE	18	0.27
(18,686)	1:120:A:CYS:H	1:121:A:VAL:HG11	6	0.27
(18,686)	1:120:A:CYS:H	1:121:A:VAL:HG12	6	0.27
(18,686)	1:120:A:CYS:H	1:121:A:VAL:HG13	6	0.27
(18,686)	1:120:A:CYS:H	1:121:A:VAL:HG11	10	0.27
(18,686)	1:120:A:CYS:H	1:121:A:VAL:HG12	10	0.27
(18,686)	1:120:A:CYS:H	1:121:A:VAL:HG13	10	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,636)	1:44:A:GLU:HA	1:48:A:ARG:H	15	0.27
(18,544)	1:71:A:LYS:HG3	1:72:A:PHE:H	10	0.27
(18,529)	1:67:A:PRO:HB2	1:71:A:LYS:H	11	0.27
(18,529)	1:67:A:PRO:HB3	1:71:A:LYS:H	11	0.27
(18,500)	1:79:A:THR:H	1:79:A:THR:HG21	16	0.27
(18,500)	1:79:A:THR:H	1:79:A:THR:HG22	16	0.27
(18,500)	1:79:A:THR:H	1:79:A:THR:HG23	16	0.27
(18,369)	1:23:A:LEU:HB2	1:26:A:ASP:H	10	0.27
(18,369)	1:23:A:LEU:HB3	1:26:A:ASP:H	10	0.27
(18,306)	1:128:A:LEU:HB3	1:129:A:LYS:H	16	0.27
(18,289)	1:73:A:ILE:HD11	1:112:A:GLN:H	11	0.27
(18,289)	1:73:A:ILE:HD12	1:112:A:GLN:H	11	0.27
(18,289)	1:73:A:ILE:HD13	1:112:A:GLN:H	11	0.27
(18,250)	1:58:A:ILE:H	1:58:A:ILE:HG13	10	0.27
(18,207)	1:101:A:ILE:H	1:104:A:PHE:HD1	15	0.27
(18,207)	1:101:A:ILE:H	1:104:A:PHE:HD2	15	0.27
(18,179)	1:8:A:ASP:H	1:58:A:ILE:HG13	6	0.27
(18,169)	1:131:A:LEU:H	1:131:A:LEU:HD21	4	0.27
(18,169)	1:131:A:LEU:H	1:131:A:LEU:HD22	4	0.27
(18,169)	1:131:A:LEU:H	1:131:A:LEU:HD23	4	0.27
(18,114)	1:21:A:THR:HB	1:22:A:ASP:H	16	0.27
(17,2293)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	5	0.27
(17,2293)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	5	0.27
(17,2293)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	5	0.27
(17,2293)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	5	0.27
(17,2293)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	5	0.27
(17,2293)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	5	0.27
(17,2144)	1:40:A:LEU:HD11	1:41:A:LYS:H	13	0.27
(17,2144)	1:40:A:LEU:HD12	1:41:A:LYS:H	13	0.27
(17,2144)	1:40:A:LEU:HD13	1:41:A:LYS:H	13	0.27
(17,2144)	1:40:A:LEU:HD21	1:41:A:LYS:H	13	0.27
(17,2144)	1:40:A:LEU:HD22	1:41:A:LYS:H	13	0.27
(17,2144)	1:40:A:LEU:HD23	1:41:A:LYS:H	13	0.27
(17,1969)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	5	0.27
(17,1969)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	5	0.27
(17,1969)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	5	0.27
(17,1969)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	5	0.27
(17,1925)	1:80:A:TYR:HE1	1:81:A:GLU:H	12	0.27
(17,1925)	1:80:A:TYR:HE2	1:81:A:GLU:H	12	0.27
(17,1913)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	5	0.27
(17,1913)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	5	0.27
(17,1913)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	5	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1913)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	5	0.27
(17,1913)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	5	0.27
(17,1913)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	5	0.27
(17,1902)	1:104:A:PHE:HE1	1:113:A:PHE:HA	16	0.27
(17,1902)	1:104:A:PHE:HE2	1:113:A:PHE:HA	16	0.27
(17,1848)	1:139:A:LEU:HA	1:143:A:TRP:HD1	17	0.27
(17,1802)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	15	0.27
(17,1802)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	15	0.27
(17,1802)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	15	0.27
(17,1802)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	15	0.27
(17,1802)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	15	0.27
(17,1802)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	15	0.27
(17,1802)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	15	0.27
(17,1802)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	15	0.27
(17,1802)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	15	0.27
(17,1802)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	15	0.27
(17,1802)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	15	0.27
(17,1802)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	15	0.27
(17,1800)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	16	0.27
(17,1800)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	16	0.27
(17,1800)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	16	0.27
(17,1800)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	16	0.27
(17,1781)	1:97:A:ASP:HA	1:105:A:LYS:HA	4	0.27
(17,1778)	1:39:A:VAL:HG21	1:144:A:LEU:H	2	0.27
(17,1778)	1:39:A:VAL:HG22	1:144:A:LEU:H	2	0.27
(17,1778)	1:39:A:VAL:HG23	1:144:A:LEU:H	2	0.27
(17,1741)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	8	0.27
(17,1741)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	8	0.27
(17,1741)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	8	0.27
(17,1718)	1:34:A:LYS:HA	1:35:A:LEU:HB3	2	0.27
(17,1718)	1:34:A:LYS:HA	1:35:A:LEU:HB3	19	0.27
(17,1664)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	15	0.27
(17,1664)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	15	0.27
(17,1664)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	15	0.27
(17,1664)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	15	0.27
(17,1664)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	15	0.27
(17,1664)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	15	0.27
(17,1608)	1:63:A:ILE:HG21	1:116:A:GLN:HE21	17	0.27
(17,1608)	1:63:A:ILE:HG22	1:116:A:GLN:HE21	17	0.27
(17,1608)	1:63:A:ILE:HG23	1:116:A:GLN:HE21	17	0.27
(17,1554)	1:76:A:ARG:HG2	1:110:A:MET:HE1	4	0.27
(17,1554)	1:76:A:ARG:HG2	1:110:A:MET:HE2	4	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1554)	1:76:A:ARG:HG2	1:110:A:MET:HE3	4	0.27
(17,1554)	1:76:A:ARG:HG3	1:110:A:MET:HE1	4	0.27
(17,1554)	1:76:A:ARG:HG3	1:110:A:MET:HE2	4	0.27
(17,1554)	1:76:A:ARG:HG3	1:110:A:MET:HE3	4	0.27
(17,1504)	1:101:A:ILE:HG21	1:115:A:ALA:HA	12	0.27
(17,1504)	1:101:A:ILE:HG22	1:115:A:ALA:HA	12	0.27
(17,1504)	1:101:A:ILE:HG23	1:115:A:ALA:HA	12	0.27
(17,1498)	1:101:A:ILE:HG21	1:115:A:ALA:H	10	0.27
(17,1498)	1:101:A:ILE:HG22	1:115:A:ALA:H	10	0.27
(17,1498)	1:101:A:ILE:HG23	1:115:A:ALA:H	10	0.27
(17,1434)	1:73:A:ILE:HG21	1:110:A:MET:H	13	0.27
(17,1434)	1:73:A:ILE:HG22	1:110:A:MET:H	13	0.27
(17,1434)	1:73:A:ILE:HG23	1:110:A:MET:H	13	0.27
(17,1404)	1:94:A:ALA:HA	1:95:A:ILE:HB	6	0.27
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD21	6	0.27
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD22	6	0.27
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD23	6	0.27
(17,1308)	1:59:A:CYS:HA	1:60:A:LEU:HD21	2	0.27
(17,1308)	1:59:A:CYS:HA	1:60:A:LEU:HD22	2	0.27
(17,1308)	1:59:A:CYS:HA	1:60:A:LEU:HD23	2	0.27
(17,1301)	1:18:A:PHE:HD1	1:131:A:LEU:HD21	1	0.27
(17,1301)	1:18:A:PHE:HD1	1:131:A:LEU:HD22	1	0.27
(17,1301)	1:18:A:PHE:HD1	1:131:A:LEU:HD23	1	0.27
(17,1301)	1:18:A:PHE:HD2	1:131:A:LEU:HD21	1	0.27
(17,1301)	1:18:A:PHE:HD2	1:131:A:LEU:HD22	1	0.27
(17,1301)	1:18:A:PHE:HD2	1:131:A:LEU:HD23	1	0.27
(17,1299)	1:128:A:LEU:HD21	1:129:A:LYS:H	15	0.27
(17,1299)	1:128:A:LEU:HD22	1:129:A:LYS:H	15	0.27
(17,1299)	1:128:A:LEU:HD23	1:129:A:LYS:H	15	0.27
(17,1218)	1:41:A:LYS:HG3	1:44:A:GLU:HG2	3	0.27
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	19	0.27
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	19	0.27
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	19	0.27
(17,1110)	1:116:A:GLN:HA	1:119:A:LEU:HD21	9	0.27
(17,1110)	1:116:A:GLN:HA	1:119:A:LEU:HD22	9	0.27
(17,1110)	1:116:A:GLN:HA	1:119:A:LEU:HD23	9	0.27
(17,1100)	1:68:A:LYS:HA	1:72:A:PHE:HD1	6	0.27
(17,1100)	1:68:A:LYS:HA	1:72:A:PHE:HD2	6	0.27
(17,982)	1:47:A:ALA:HB1	1:134:A:VAL:HB	10	0.27
(17,982)	1:47:A:ALA:HB2	1:134:A:VAL:HB	10	0.27
(17,982)	1:47:A:ALA:HB3	1:134:A:VAL:HB	10	0.27
(17,848)	1:48:A:ARG:H	1:48:A:ARG:HD2	11	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,848)	1:48:A:ARG:H	1:48:A:ARG:HD3	11	0.27
(17,838)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	16	0.27
(17,838)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	16	0.27
(17,838)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	16	0.27
(17,838)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	16	0.27
(17,838)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	16	0.27
(17,838)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	16	0.27
(17,824)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	19	0.27
(17,824)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	19	0.27
(17,824)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	19	0.27
(17,769)	1:126:A:GLY:HA2	1:129:A:LYS:HB2	2	0.27
(17,769)	1:126:A:GLY:HA2	1:129:A:LYS:HB3	2	0.27
(17,732)	1:46:A:ASN:HA	1:50:A:ALA:H	17	0.27
(17,728)	1:76:A:ARG:HA	1:76:A:ARG:HE	3	0.27
(17,721)	1:54:A:ARG:HE	1:58:A:ILE:HD11	2	0.27
(17,721)	1:54:A:ARG:HE	1:58:A:ILE:HD12	2	0.27
(17,721)	1:54:A:ARG:HE	1:58:A:ILE:HD13	2	0.27
(17,709)	1:23:A:LEU:HD21	1:27:A:ARG:HE	11	0.27
(17,709)	1:23:A:LEU:HD22	1:27:A:ARG:HE	11	0.27
(17,709)	1:23:A:LEU:HD23	1:27:A:ARG:HE	11	0.27
(17,625)	1:44:A:GLU:HA	1:48:A:ARG:H	15	0.27
(17,550)	1:124:A:THR:H	1:128:A:LEU:HD21	2	0.27
(17,550)	1:124:A:THR:H	1:128:A:LEU:HD22	2	0.27
(17,550)	1:124:A:THR:H	1:128:A:LEU:HD23	2	0.27
(17,481)	1:79:A:THR:H	1:79:A:THR:HG21	16	0.27
(17,481)	1:79:A:THR:H	1:79:A:THR:HG22	16	0.27
(17,481)	1:79:A:THR:H	1:79:A:THR:HG23	16	0.27
(17,475)	1:147:A:ARG:HD2	1:148:A:CYS:H	9	0.27
(17,475)	1:147:A:ARG:HD3	1:148:A:CYS:H	9	0.27
(17,355)	1:23:A:LEU:HB2	1:26:A:ASP:H	10	0.27
(17,355)	1:23:A:LEU:HB3	1:26:A:ASP:H	10	0.27
(17,233)	1:50:A:ALA:H	1:52:A:CYS:H	12	0.27
(17,160)	1:127:A:CYS:H	1:128:A:LEU:HG	10	0.27
(17,118)	1:79:A:THR:H	1:80:A:TYR:H	1	0.27
(17,118)	1:79:A:THR:H	1:80:A:TYR:H	3	0.27
(17,118)	1:79:A:THR:H	1:80:A:TYR:H	15	0.27
(17,16)	1:64:A:LYS:H	1:64:A:LYS:HD2	3	0.27
(17,16)	1:64:A:LYS:H	1:64:A:LYS:HD3	3	0.27
(17,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	1	0.27
(17,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	1	0.27
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD11	12	0.27
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD12	12	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD13	12	0.27
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD21	12	0.27
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD22	12	0.27
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD23	12	0.27
(16,2130)	1:39:A:VAL:HG11	1:143:A:TRP:H	3	0.27
(16,2130)	1:39:A:VAL:HG12	1:143:A:TRP:H	3	0.27
(16,2130)	1:39:A:VAL:HG13	1:143:A:TRP:H	3	0.27
(16,2130)	1:39:A:VAL:HG21	1:143:A:TRP:H	3	0.27
(16,2130)	1:39:A:VAL:HG22	1:143:A:TRP:H	3	0.27
(16,2130)	1:39:A:VAL:HG23	1:143:A:TRP:H	3	0.27
(16,2057)	1:30:A:LEU:HD11	1:31:A:PRO:HG2	7	0.27
(16,2057)	1:30:A:LEU:HD11	1:31:A:PRO:HG3	7	0.27
(16,2057)	1:30:A:LEU:HD12	1:31:A:PRO:HG2	7	0.27
(16,2057)	1:30:A:LEU:HD12	1:31:A:PRO:HG3	7	0.27
(16,2057)	1:30:A:LEU:HD13	1:31:A:PRO:HG2	7	0.27
(16,2057)	1:30:A:LEU:HD13	1:31:A:PRO:HG3	7	0.27
(16,2057)	1:30:A:LEU:HD21	1:31:A:PRO:HG2	7	0.27
(16,2057)	1:30:A:LEU:HD21	1:31:A:PRO:HG3	7	0.27
(16,2057)	1:30:A:LEU:HD22	1:31:A:PRO:HG2	7	0.27
(16,2057)	1:30:A:LEU:HD22	1:31:A:PRO:HG3	7	0.27
(16,2057)	1:30:A:LEU:HD23	1:31:A:PRO:HG2	7	0.27
(16,2057)	1:30:A:LEU:HD23	1:31:A:PRO:HG3	7	0.27
(16,1993)	1:15:A:ALA:H	1:17:A:ASN:HD21	4	0.27
(16,1993)	1:15:A:ALA:H	1:17:A:ASN:HD22	4	0.27
(16,1918)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	13	0.27
(16,1918)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	13	0.27
(16,1918)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	13	0.27
(16,1918)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	13	0.27
(16,1897)	1:35:A:LEU:HG	1:80:A:TYR:HE1	3	0.27
(16,1897)	1:35:A:LEU:HG	1:80:A:TYR:HE2	3	0.27
(16,1891)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	15	0.27
(16,1891)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	15	0.27
(16,1891)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	15	0.27
(16,1891)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	15	0.27
(16,1891)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	15	0.27
(16,1891)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	15	0.27
(16,1884)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	1	0.27
(16,1884)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	1	0.27
(16,1884)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	1	0.27
(16,1884)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	1	0.27
(16,1884)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	1	0.27
(16,1884)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	1	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1871)	1:104:A:PHE:HE1	1:113:A:PHE:HA	4	0.27
(16,1871)	1:104:A:PHE:HE2	1:113:A:PHE:HA	4	0.27
(16,1838)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	19	0.27
(16,1838)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	19	0.27
(16,1835)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	7	0.27
(16,1835)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	7	0.27
(16,1756)	1:39:A:VAL:HG21	1:144:A:LEU:H	2	0.27
(16,1756)	1:39:A:VAL:HG22	1:144:A:LEU:H	2	0.27
(16,1756)	1:39:A:VAL:HG23	1:144:A:LEU:H	2	0.27
(16,1695)	1:34:A:LYS:HA	1:35:A:LEU:HB3	2	0.27
(16,1695)	1:34:A:LYS:HA	1:35:A:LEU:HB3	19	0.27
(16,1678)	1:69:A:MET:HA	1:109:A:PRO:HA	13	0.27
(16,1645)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	8	0.27
(16,1645)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	8	0.27
(16,1645)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	8	0.27
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG21	3	0.27
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG22	3	0.27
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG23	3	0.27
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG21	16	0.27
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG22	16	0.27
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG23	16	0.27
(16,1558)	1:11:A:ILE:HD11	1:43:A:MET:HB2	14	0.27
(16,1558)	1:11:A:ILE:HD12	1:43:A:MET:HB2	14	0.27
(16,1558)	1:11:A:ILE:HD13	1:43:A:MET:HB2	14	0.27
(16,1519)	1:110:A:MET:HE1	1:113:A:PHE:HE1	10	0.27
(16,1519)	1:110:A:MET:HE1	1:113:A:PHE:HE2	10	0.27
(16,1519)	1:110:A:MET:HE2	1:113:A:PHE:HE1	10	0.27
(16,1519)	1:110:A:MET:HE2	1:113:A:PHE:HE2	10	0.27
(16,1519)	1:110:A:MET:HE3	1:113:A:PHE:HE1	10	0.27
(16,1519)	1:110:A:MET:HE3	1:113:A:PHE:HE2	10	0.27
(16,1512)	1:15:A:ALA:HB1	1:43:A:MET:HE1	18	0.27
(16,1512)	1:15:A:ALA:HB1	1:43:A:MET:HE2	18	0.27
(16,1512)	1:15:A:ALA:HB1	1:43:A:MET:HE3	18	0.27
(16,1512)	1:15:A:ALA:HB2	1:43:A:MET:HE1	18	0.27
(16,1512)	1:15:A:ALA:HB2	1:43:A:MET:HE2	18	0.27
(16,1512)	1:15:A:ALA:HB2	1:43:A:MET:HE3	18	0.27
(16,1512)	1:15:A:ALA:HB3	1:43:A:MET:HE1	18	0.27
(16,1512)	1:15:A:ALA:HB3	1:43:A:MET:HE2	18	0.27
(16,1512)	1:15:A:ALA:HB3	1:43:A:MET:HE3	18	0.27
(16,1474)	1:101:A:ILE:HG21	1:115:A:ALA:H	10	0.27
(16,1474)	1:101:A:ILE:HG22	1:115:A:ALA:H	10	0.27
(16,1474)	1:101:A:ILE:HG23	1:115:A:ALA:H	10	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1432)	1:119:A:LEU:HA	1:121:A:VAL:HG21	4	0.27
(16,1432)	1:119:A:LEU:HA	1:121:A:VAL:HG22	4	0.27
(16,1432)	1:119:A:LEU:HA	1:121:A:VAL:HG23	4	0.27
(16,1415)	1:73:A:ILE:HG21	1:110:A:MET:H	13	0.27
(16,1415)	1:73:A:ILE:HG22	1:110:A:MET:H	13	0.27
(16,1415)	1:73:A:ILE:HG23	1:110:A:MET:H	13	0.27
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD11	4	0.27
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD12	4	0.27
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD13	4	0.27
(16,1278)	1:45:A:ALA:HA	1:48:A:ARG:HB2	1	0.27
(16,1278)	1:45:A:ALA:HA	1:48:A:ARG:HB3	1	0.27
(16,1185)	1:116:A:GLN:HA	1:119:A:LEU:HD21	9	0.27
(16,1185)	1:116:A:GLN:HA	1:119:A:LEU:HD22	9	0.27
(16,1185)	1:116:A:GLN:HA	1:119:A:LEU:HD23	9	0.27
(16,1103)	1:68:A:LYS:HA	1:72:A:PHE:HD1	6	0.27
(16,1103)	1:68:A:LYS:HA	1:72:A:PHE:HD2	6	0.27
(16,933)	1:125:A:THR:HB	1:128:A:LEU:HB2	7	0.27
(16,874)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	19	0.27
(16,874)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	19	0.27
(16,874)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	19	0.27
(16,846)	1:45:A:ALA:HA	1:48:A:ARG:HD2	12	0.27
(16,846)	1:45:A:ALA:HA	1:48:A:ARG:HD3	12	0.27
(16,842)	1:69:A:MET:HE1	1:114:A:ILE:HD11	6	0.27
(16,842)	1:69:A:MET:HE1	1:114:A:ILE:HD12	6	0.27
(16,842)	1:69:A:MET:HE1	1:114:A:ILE:HD13	6	0.27
(16,842)	1:69:A:MET:HE2	1:114:A:ILE:HD11	6	0.27
(16,842)	1:69:A:MET:HE2	1:114:A:ILE:HD12	6	0.27
(16,842)	1:69:A:MET:HE2	1:114:A:ILE:HD13	6	0.27
(16,842)	1:69:A:MET:HE3	1:114:A:ILE:HD11	6	0.27
(16,842)	1:69:A:MET:HE3	1:114:A:ILE:HD12	6	0.27
(16,842)	1:69:A:MET:HE3	1:114:A:ILE:HD13	6	0.27
(16,838)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	16	0.27
(16,838)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	16	0.27
(16,838)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	16	0.27
(16,838)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	16	0.27
(16,838)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	16	0.27
(16,838)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	16	0.27
(16,808)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	7	0.27
(16,808)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	7	0.27
(16,808)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	7	0.27
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	13	0.27
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	13	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,795)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	13	0.27
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	13	0.27
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	13	0.27
(16,795)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	13	0.27
(16,793)	1:63:A:ILE:HD11	1:64:A:LYS:H	15	0.27
(16,793)	1:63:A:ILE:HD12	1:64:A:LYS:H	15	0.27
(16,793)	1:63:A:ILE:HD13	1:64:A:LYS:H	15	0.27
(16,792)	1:11:A:ILE:HD11	1:52:A:CYS:HB2	5	0.27
(16,792)	1:11:A:ILE:HD11	1:52:A:CYS:HB3	5	0.27
(16,792)	1:11:A:ILE:HD12	1:52:A:CYS:HB2	5	0.27
(16,792)	1:11:A:ILE:HD12	1:52:A:CYS:HB3	5	0.27
(16,792)	1:11:A:ILE:HD13	1:52:A:CYS:HB2	5	0.27
(16,792)	1:11:A:ILE:HD13	1:52:A:CYS:HB3	5	0.27
(16,773)	1:126:A:GLY:HA2	1:129:A:LYS:HB2	2	0.27
(16,773)	1:126:A:GLY:HA2	1:129:A:LYS:HB3	2	0.27
(16,769)	1:53:A:THR:H	1:53:A:THR:HG21	11	0.27
(16,769)	1:53:A:THR:H	1:53:A:THR:HG22	11	0.27
(16,769)	1:53:A:THR:H	1:53:A:THR:HG23	11	0.27
(16,735)	1:73:A:ILE:HG21	1:76:A:ARG:HE	13	0.27
(16,735)	1:73:A:ILE:HG22	1:76:A:ARG:HE	13	0.27
(16,735)	1:73:A:ILE:HG23	1:76:A:ARG:HE	13	0.27
(16,732)	1:76:A:ARG:HA	1:76:A:ARG:HE	3	0.27
(16,726)	1:54:A:ARG:HE	1:58:A:ILE:HD11	2	0.27
(16,726)	1:54:A:ARG:HE	1:58:A:ILE:HD12	2	0.27
(16,726)	1:54:A:ARG:HE	1:58:A:ILE:HD13	2	0.27
(16,705)	1:98:A:ILE:H	1:104:A:PHE:H	14	0.27
(16,681)	1:120:A:CYS:H	1:121:A:VAL:HG11	6	0.27
(16,681)	1:120:A:CYS:H	1:121:A:VAL:HG12	6	0.27
(16,681)	1:120:A:CYS:H	1:121:A:VAL:HG13	6	0.27
(16,681)	1:120:A:CYS:H	1:121:A:VAL:HG11	10	0.27
(16,681)	1:120:A:CYS:H	1:121:A:VAL:HG12	10	0.27
(16,681)	1:120:A:CYS:H	1:121:A:VAL:HG13	10	0.27
(16,671)	1:108:A:GLU:H	1:112:A:GLN:H	16	0.27
(16,631)	1:44:A:GLU:HA	1:48:A:ARG:H	15	0.27
(16,489)	1:79:A:THR:H	1:79:A:THR:HG21	16	0.27
(16,489)	1:79:A:THR:H	1:79:A:THR:HG22	16	0.27
(16,489)	1:79:A:THR:H	1:79:A:THR:HG23	16	0.27
(16,366)	1:23:A:LEU:HB2	1:26:A:ASP:H	5	0.27
(16,366)	1:23:A:LEU:HB3	1:26:A:ASP:H	5	0.27
(16,303)	1:43:A:MET:H	1:43:A:MET:HG2	7	0.27
(16,251)	1:23:A:LEU:HD21	1:24:A:ASP:H	1	0.27
(16,251)	1:23:A:LEU:HD22	1:24:A:ASP:H	1	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,251)	1:23:A:LEU:HD23	1:24:A:ASP:H	1	0.27
(16,241)	1:50:A:ALA:H	1:52:A:CYS:H	12	0.27
(16,111)	1:21:A:THR:HB	1:22:A:ASP:H	16	0.27
(16,35)	1:95:A:ILE:HB	1:96:A:VAL:H	1	0.27
(15,2457)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	14	0.27
(15,2457)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	14	0.27
(15,2457)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	14	0.27
(15,2457)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	14	0.27
(15,2457)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	14	0.27
(15,2457)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	14	0.27
(15,2431)	1:134:A:VAL:HG11	1:137:A:SER:H	13	0.27
(15,2431)	1:134:A:VAL:HG12	1:137:A:SER:H	13	0.27
(15,2431)	1:134:A:VAL:HG13	1:137:A:SER:H	13	0.27
(15,2431)	1:134:A:VAL:HG21	1:137:A:SER:H	13	0.27
(15,2431)	1:134:A:VAL:HG22	1:137:A:SER:H	13	0.27
(15,2431)	1:134:A:VAL:HG23	1:137:A:SER:H	13	0.27
(15,2315)	1:107:A:LEU:H	1:107:A:LEU:HD11	11	0.27
(15,2315)	1:107:A:LEU:H	1:107:A:LEU:HD12	11	0.27
(15,2315)	1:107:A:LEU:H	1:107:A:LEU:HD13	11	0.27
(15,2315)	1:107:A:LEU:H	1:107:A:LEU:HD21	11	0.27
(15,2315)	1:107:A:LEU:H	1:107:A:LEU:HD22	11	0.27
(15,2315)	1:107:A:LEU:H	1:107:A:LEU:HD23	11	0.27
(15,2278)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	15	0.27
(15,2278)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	15	0.27
(15,2278)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	15	0.27
(15,2278)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	15	0.27
(15,2278)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	15	0.27
(15,2278)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	15	0.27
(15,2278)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	15	0.27
(15,2278)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	15	0.27
(15,2278)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	15	0.27
(15,2278)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	15	0.27
(15,2278)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	15	0.27
(15,2278)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	15	0.27
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	1	0.27
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	1	0.27
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	1	0.27
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	1	0.27
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	1	0.27
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	1	0.27
(15,2056)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	7	0.27
(15,2056)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	7	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2056)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	7	0.27
(15,2056)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	7	0.27
(15,2056)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	7	0.27
(15,2056)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	7	0.27
(15,2056)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	14	0.27
(15,2056)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	14	0.27
(15,2056)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	14	0.27
(15,2056)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	14	0.27
(15,2056)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	14	0.27
(15,2056)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	14	0.27
(15,2014)	1:23:A:LEU:HD11	1:25:A:ALA:H	8	0.27
(15,2014)	1:23:A:LEU:HD12	1:25:A:ALA:H	8	0.27
(15,2014)	1:23:A:LEU:HD13	1:25:A:ALA:H	8	0.27
(15,2014)	1:23:A:LEU:HD21	1:25:A:ALA:H	8	0.27
(15,2014)	1:23:A:LEU:HD22	1:25:A:ALA:H	8	0.27
(15,2014)	1:23:A:LEU:HD23	1:25:A:ALA:H	8	0.27
(15,1998)	1:18:A:PHE:HE1	1:57:A:LEU:HD11	15	0.27
(15,1998)	1:18:A:PHE:HE1	1:57:A:LEU:HD12	15	0.27
(15,1998)	1:18:A:PHE:HE1	1:57:A:LEU:HD13	15	0.27
(15,1998)	1:18:A:PHE:HE1	1:57:A:LEU:HD21	15	0.27
(15,1998)	1:18:A:PHE:HE1	1:57:A:LEU:HD22	15	0.27
(15,1998)	1:18:A:PHE:HE1	1:57:A:LEU:HD23	15	0.27
(15,1998)	1:18:A:PHE:HE2	1:57:A:LEU:HD11	15	0.27
(15,1998)	1:18:A:PHE:HE2	1:57:A:LEU:HD12	15	0.27
(15,1998)	1:18:A:PHE:HE2	1:57:A:LEU:HD13	15	0.27
(15,1998)	1:18:A:PHE:HE2	1:57:A:LEU:HD21	15	0.27
(15,1998)	1:18:A:PHE:HE2	1:57:A:LEU:HD22	15	0.27
(15,1998)	1:18:A:PHE:HE2	1:57:A:LEU:HD23	15	0.27
(15,1993)	1:18:A:PHE:HB2	1:132:A:ALA:H	5	0.27
(15,1993)	1:18:A:PHE:HB3	1:132:A:ALA:H	5	0.27
(15,1971)	1:15:A:ALA:H	1:17:A:ASN:HD21	4	0.27
(15,1971)	1:15:A:ALA:H	1:17:A:ASN:HD22	4	0.27
(15,1959)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	12	0.27
(15,1959)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	12	0.27
(15,1959)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	12	0.27
(15,1959)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	12	0.27
(15,1959)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	12	0.27
(15,1959)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	12	0.27
(15,1959)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	12	0.27
(15,1959)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	12	0.27
(15,1959)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	12	0.27
(15,1959)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	12	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1959)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	12	0.27
(15,1959)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	12	0.27
(15,1831)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	7	0.27
(15,1831)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	7	0.27
(15,1749)	1:141:A:LYS:HA	1:148:A:CYS:H	11	0.27
(15,1680)	1:69:A:MET:HA	1:109:A:PRO:HA	13	0.27
(15,1645)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	15	0.27
(15,1645)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	15	0.27
(15,1645)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	15	0.27
(15,1645)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	15	0.27
(15,1645)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	15	0.27
(15,1645)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	15	0.27
(15,1573)	1:101:A:ILE:HD11	1:112:A:GLN:HA	10	0.27
(15,1573)	1:101:A:ILE:HD12	1:112:A:GLN:HA	10	0.27
(15,1573)	1:101:A:ILE:HD13	1:112:A:GLN:HA	10	0.27
(15,1561)	1:11:A:ILE:HD11	1:12:A:VAL:H	17	0.27
(15,1561)	1:11:A:ILE:HD12	1:12:A:VAL:H	17	0.27
(15,1561)	1:11:A:ILE:HD13	1:12:A:VAL:H	17	0.27
(15,1525)	1:63:A:ILE:HG21	1:69:A:MET:HE1	3	0.27
(15,1525)	1:63:A:ILE:HG21	1:69:A:MET:HE2	3	0.27
(15,1525)	1:63:A:ILE:HG21	1:69:A:MET:HE3	3	0.27
(15,1525)	1:63:A:ILE:HG22	1:69:A:MET:HE1	3	0.27
(15,1525)	1:63:A:ILE:HG22	1:69:A:MET:HE2	3	0.27
(15,1525)	1:63:A:ILE:HG22	1:69:A:MET:HE3	3	0.27
(15,1525)	1:63:A:ILE:HG23	1:69:A:MET:HE1	3	0.27
(15,1525)	1:63:A:ILE:HG23	1:69:A:MET:HE2	3	0.27
(15,1525)	1:63:A:ILE:HG23	1:69:A:MET:HE3	3	0.27
(15,1511)	1:110:A:MET:HE1	1:113:A:PHE:HE1	10	0.27
(15,1511)	1:110:A:MET:HE1	1:113:A:PHE:HE2	10	0.27
(15,1511)	1:110:A:MET:HE2	1:113:A:PHE:HE1	10	0.27
(15,1511)	1:110:A:MET:HE2	1:113:A:PHE:HE2	10	0.27
(15,1511)	1:110:A:MET:HE3	1:113:A:PHE:HE1	10	0.27
(15,1511)	1:110:A:MET:HE3	1:113:A:PHE:HE2	10	0.27
(15,1503)	1:15:A:ALA:HB1	1:43:A:MET:HE1	18	0.27
(15,1503)	1:15:A:ALA:HB1	1:43:A:MET:HE2	18	0.27
(15,1503)	1:15:A:ALA:HB1	1:43:A:MET:HE3	18	0.27
(15,1503)	1:15:A:ALA:HB2	1:43:A:MET:HE1	18	0.27
(15,1503)	1:15:A:ALA:HB2	1:43:A:MET:HE2	18	0.27
(15,1503)	1:15:A:ALA:HB2	1:43:A:MET:HE3	18	0.27
(15,1503)	1:15:A:ALA:HB3	1:43:A:MET:HE1	18	0.27
(15,1503)	1:15:A:ALA:HB3	1:43:A:MET:HE2	18	0.27
(15,1503)	1:15:A:ALA:HB3	1:43:A:MET:HE3	18	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1484)	1:114:A:ILE:HG21	1:117:A:VAL:H	17	0.27
(15,1484)	1:114:A:ILE:HG22	1:117:A:VAL:H	17	0.27
(15,1484)	1:114:A:ILE:HG23	1:117:A:VAL:H	17	0.27
(15,1467)	1:101:A:ILE:HG21	1:115:A:ALA:H	10	0.27
(15,1467)	1:101:A:ILE:HG22	1:115:A:ALA:H	10	0.27
(15,1467)	1:101:A:ILE:HG23	1:115:A:ALA:H	10	0.27
(15,1451)	1:15:A:ALA:HB1	1:132:A:ALA:HA	6	0.27
(15,1451)	1:15:A:ALA:HB2	1:132:A:ALA:HA	6	0.27
(15,1451)	1:15:A:ALA:HB3	1:132:A:ALA:HA	6	0.27
(15,1440)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	18	0.27
(15,1440)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	18	0.27
(15,1388)	1:19:A:ALA:HB1	1:21:A:THR:HG21	5	0.27
(15,1388)	1:19:A:ALA:HB1	1:21:A:THR:HG22	5	0.27
(15,1388)	1:19:A:ALA:HB1	1:21:A:THR:HG23	5	0.27
(15,1388)	1:19:A:ALA:HB2	1:21:A:THR:HG21	5	0.27
(15,1388)	1:19:A:ALA:HB2	1:21:A:THR:HG22	5	0.27
(15,1388)	1:19:A:ALA:HB2	1:21:A:THR:HG23	5	0.27
(15,1388)	1:19:A:ALA:HB3	1:21:A:THR:HG21	5	0.27
(15,1388)	1:19:A:ALA:HB3	1:21:A:THR:HG22	5	0.27
(15,1388)	1:19:A:ALA:HB3	1:21:A:THR:HG23	5	0.27
(15,1346)	1:125:A:THR:HG21	1:128:A:LEU:HG	6	0.27
(15,1346)	1:125:A:THR:HG22	1:128:A:LEU:HG	6	0.27
(15,1346)	1:125:A:THR:HG23	1:128:A:LEU:HG	6	0.27
(15,1269)	1:114:A:ILE:HA	1:117:A:VAL:HG11	13	0.27
(15,1269)	1:114:A:ILE:HA	1:117:A:VAL:HG12	13	0.27
(15,1269)	1:114:A:ILE:HA	1:117:A:VAL:HG13	13	0.27
(15,1218)	1:11:A:ILE:HD11	1:131:A:LEU:HA	12	0.27
(15,1218)	1:11:A:ILE:HD12	1:131:A:LEU:HA	12	0.27
(15,1218)	1:11:A:ILE:HD13	1:131:A:LEU:HA	12	0.27
(15,1179)	1:116:A:GLN:HA	1:119:A:LEU:HD21	9	0.27
(15,1179)	1:116:A:GLN:HA	1:119:A:LEU:HD22	9	0.27
(15,1179)	1:116:A:GLN:HA	1:119:A:LEU:HD23	9	0.27
(15,1177)	1:128:A:LEU:HD21	1:129:A:LYS:H	1	0.27
(15,1177)	1:128:A:LEU:HD22	1:129:A:LYS:H	1	0.27
(15,1177)	1:128:A:LEU:HD23	1:129:A:LYS:H	1	0.27
(15,1143)	1:78:A:HIS:HA	1:79:A:THR:HB	18	0.27
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD11	15	0.27
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD12	15	0.27
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD13	15	0.27
(15,1073)	1:11:A:ILE:HG12	1:44:A:GLU:HA	10	0.27
(15,1030)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	12	0.27
(15,967)	1:33:A:LYS:HB2	1:80:A:TYR:HB2	14	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,967)	1:33:A:LYS:HB3	1:80:A:TYR:HB2	14	0.27
(15,958)	1:11:A:ILE:HG13	1:43:A:MET:HB2	9	0.27
(15,948)	1:40:A:LEU:HA	1:43:A:MET:HG2	3	0.27
(15,883)	1:151:A:PHE:H	1:151:A:PHE:HB3	1	0.27
(15,883)	1:151:A:PHE:H	1:151:A:PHE:HB3	10	0.27
(15,843)	1:48:A:ARG:HA	1:48:A:ARG:HD2	6	0.27
(15,843)	1:48:A:ARG:HA	1:48:A:ARG:HD3	6	0.27
(15,815)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	19	0.27
(15,815)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	19	0.27
(15,815)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	19	0.27
(15,788)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	1	0.27
(15,788)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	1	0.27
(15,788)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	1	0.27
(15,788)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	1	0.27
(15,788)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	1	0.27
(15,788)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	1	0.27
(15,769)	1:126:A:GLY:HA2	1:129:A:LYS:HB2	2	0.27
(15,769)	1:126:A:GLY:HA2	1:129:A:LYS:HB3	2	0.27
(15,763)	1:37:A:LEU:H	1:40:A:LEU:HB2	12	0.27
(15,720)	1:54:A:ARG:HE	1:58:A:ILE:HD11	2	0.27
(15,720)	1:54:A:ARG:HE	1:58:A:ILE:HD12	2	0.27
(15,720)	1:54:A:ARG:HE	1:58:A:ILE:HD13	2	0.27
(15,631)	1:44:A:GLU:HA	1:48:A:ARG:H	15	0.27
(15,594)	1:75:A:GLY:H	1:77:A:CYS:HB3	2	0.27
(15,362)	1:23:A:LEU:HB2	1:26:A:ASP:H	5	0.27
(15,362)	1:23:A:LEU:HB3	1:26:A:ASP:H	5	0.27
(15,241)	1:50:A:ALA:H	1:52:A:CYS:H	12	0.27
(15,206)	1:101:A:ILE:H	1:104:A:PHE:HD1	15	0.27
(15,206)	1:101:A:ILE:H	1:104:A:PHE:HD2	15	0.27
(15,164)	1:127:A:CYS:H	1:128:A:LEU:HG	10	0.27
(15,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	1	0.27
(15,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	1	0.27
(13,2443)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	14	0.27
(13,2443)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	14	0.27
(13,2443)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	14	0.27
(13,2443)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	14	0.27
(13,2443)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	14	0.27
(13,2443)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	14	0.27
(13,2422)	1:136:A:CYS:HB2	1:149:A:ALA:H	3	0.27
(13,2422)	1:136:A:CYS:HB3	1:149:A:ALA:H	3	0.27
(13,2261)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	5	0.27
(13,2261)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	5	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2261)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	5	0.27
(13,2261)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	5	0.27
(13,2261)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	5	0.27
(13,2261)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	5	0.27
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG11	4	0.27
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG12	4	0.27
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG13	4	0.27
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG21	4	0.27
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG22	4	0.27
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG23	4	0.27
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG11	4	0.27
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG12	4	0.27
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG13	4	0.27
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG21	4	0.27
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG22	4	0.27
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG23	4	0.27
(13,2080)	1:40:A:LEU:HD11	1:43:A:MET:HB3	3	0.27
(13,2080)	1:40:A:LEU:HD12	1:43:A:MET:HB3	3	0.27
(13,2080)	1:40:A:LEU:HD13	1:43:A:MET:HB3	3	0.27
(13,2080)	1:40:A:LEU:HD21	1:43:A:MET:HB3	3	0.27
(13,2080)	1:40:A:LEU:HD22	1:43:A:MET:HB3	3	0.27
(13,2080)	1:40:A:LEU:HD23	1:43:A:MET:HB3	3	0.27
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD11	3	0.27
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD12	3	0.27
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD13	3	0.27
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD21	3	0.27
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD22	3	0.27
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD23	3	0.27
(13,1963)	1:15:A:ALA:H	1:17:A:ASN:HD21	4	0.27
(13,1963)	1:15:A:ALA:H	1:17:A:ASN:HD22	4	0.27
(13,1907)	1:10:A:ASN:HD21	1:80:A:TYR:H	16	0.27
(13,1907)	1:10:A:ASN:HD22	1:80:A:TYR:H	16	0.27
(13,1873)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	7	0.27
(13,1867)	1:80:A:TYR:HE1	1:81:A:GLU:H	12	0.27
(13,1867)	1:80:A:TYR:HE2	1:81:A:GLU:H	12	0.27
(13,1843)	1:104:A:PHE:HE1	1:113:A:PHE:HA	16	0.27
(13,1843)	1:104:A:PHE:HE2	1:113:A:PHE:HA	16	0.27
(13,1831)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	15	0.27
(13,1831)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	15	0.27
(13,1831)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	15	0.27
(13,1831)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	15	0.27
(13,1831)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	15	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1831)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	15	0.27
(13,1826)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	2	0.27
(13,1826)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	2	0.27
(13,1752)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	15	0.27
(13,1752)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	15	0.27
(13,1752)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	15	0.27
(13,1752)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	15	0.27
(13,1752)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	15	0.27
(13,1752)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	15	0.27
(13,1752)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	15	0.27
(13,1752)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	15	0.27
(13,1752)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	15	0.27
(13,1752)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	15	0.27
(13,1752)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	15	0.27
(13,1752)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	15	0.27
(13,1744)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	16	0.27
(13,1744)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	16	0.27
(13,1660)	1:124:A:THR:HB	1:126:A:GLY:HA3	11	0.27
(13,1539)	1:11:A:ILE:HD11	1:12:A:VAL:H	17	0.27
(13,1539)	1:11:A:ILE:HD12	1:12:A:VAL:H	17	0.27
(13,1539)	1:11:A:ILE:HD13	1:12:A:VAL:H	17	0.27
(13,1505)	1:76:A:ARG:HG2	1:110:A:MET:HE1	4	0.27
(13,1505)	1:76:A:ARG:HG2	1:110:A:MET:HE2	4	0.27
(13,1505)	1:76:A:ARG:HG2	1:110:A:MET:HE3	4	0.27
(13,1505)	1:76:A:ARG:HG3	1:110:A:MET:HE1	4	0.27
(13,1505)	1:76:A:ARG:HG3	1:110:A:MET:HE2	4	0.27
(13,1505)	1:76:A:ARG:HG3	1:110:A:MET:HE3	4	0.27
(13,1503)	1:69:A:MET:HE1	1:76:A:ARG:HG2	5	0.27
(13,1503)	1:69:A:MET:HE1	1:76:A:ARG:HG3	5	0.27
(13,1503)	1:69:A:MET:HE2	1:76:A:ARG:HG2	5	0.27
(13,1503)	1:69:A:MET:HE2	1:76:A:ARG:HG3	5	0.27
(13,1503)	1:69:A:MET:HE3	1:76:A:ARG:HG2	5	0.27
(13,1503)	1:69:A:MET:HE3	1:76:A:ARG:HG3	5	0.27
(13,1492)	1:110:A:MET:HE1	1:113:A:PHE:HE1	10	0.27
(13,1492)	1:110:A:MET:HE1	1:113:A:PHE:HE2	10	0.27
(13,1492)	1:110:A:MET:HE2	1:113:A:PHE:HE1	10	0.27
(13,1492)	1:110:A:MET:HE2	1:113:A:PHE:HE2	10	0.27
(13,1492)	1:110:A:MET:HE3	1:113:A:PHE:HE1	10	0.27
(13,1492)	1:110:A:MET:HE3	1:113:A:PHE:HE2	10	0.27
(13,1485)	1:15:A:ALA:HB1	1:43:A:MET:HE1	18	0.27
(13,1485)	1:15:A:ALA:HB1	1:43:A:MET:HE2	18	0.27
(13,1485)	1:15:A:ALA:HB1	1:43:A:MET:HE3	18	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1485)	1:15:A:ALA:HB2	1:43:A:MET:HE1	18	0.27
(13,1485)	1:15:A:ALA:HB2	1:43:A:MET:HE2	18	0.27
(13,1485)	1:15:A:ALA:HB2	1:43:A:MET:HE3	18	0.27
(13,1485)	1:15:A:ALA:HB3	1:43:A:MET:HE1	18	0.27
(13,1485)	1:15:A:ALA:HB3	1:43:A:MET:HE2	18	0.27
(13,1485)	1:15:A:ALA:HB3	1:43:A:MET:HE3	18	0.27
(13,1448)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	4	0.27
(13,1448)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	4	0.27
(13,1448)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	4	0.27
(13,1448)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	4	0.27
(13,1448)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	4	0.27
(13,1448)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	4	0.27
(13,1378)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	15	0.27
(13,1378)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	15	0.27
(13,1378)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	15	0.27
(13,1378)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	15	0.27
(13,1378)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	15	0.27
(13,1378)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	15	0.27
(13,1378)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	15	0.27
(13,1378)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	15	0.27
(13,1378)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	15	0.27
(13,1265)	1:128:A:LEU:HD21	1:129:A:LYS:H	15	0.27
(13,1265)	1:128:A:LEU:HD22	1:129:A:LYS:H	15	0.27
(13,1265)	1:128:A:LEU:HD23	1:129:A:LYS:H	15	0.27
(13,1222)	1:37:A:LEU:HD11	1:38:A:GLU:HA	12	0.27
(13,1222)	1:37:A:LEU:HD12	1:38:A:GLU:HA	12	0.27
(13,1222)	1:37:A:LEU:HD13	1:38:A:GLU:HA	12	0.27
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD11	6	0.27
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD12	6	0.27
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD13	6	0.27
(13,1156)	1:116:A:GLN:HA	1:119:A:LEU:HD21	9	0.27
(13,1156)	1:116:A:GLN:HA	1:119:A:LEU:HD22	9	0.27
(13,1156)	1:116:A:GLN:HA	1:119:A:LEU:HD23	9	0.27
(13,1128)	1:145:A:PRO:HB2	1:146:A:GLN:HA	7	0.27
(13,1073)	1:68:A:LYS:HA	1:72:A:PHE:HD1	6	0.27
(13,1073)	1:68:A:LYS:HA	1:72:A:PHE:HD2	6	0.27
(13,970)	1:105:A:LYS:HD2	1:107:A:LEU:H	9	0.27
(13,970)	1:105:A:LYS:HD3	1:107:A:LEU:H	9	0.27
(13,912)	1:79:A:THR:HG21	1:81:A:GLU:HG2	15	0.27
(13,912)	1:79:A:THR:HG21	1:81:A:GLU:HG3	15	0.27
(13,912)	1:79:A:THR:HG22	1:81:A:GLU:HG2	15	0.27
(13,912)	1:79:A:THR:HG22	1:81:A:GLU:HG3	15	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,912)	1:79:A:THR:HG23	1:81:A:GLU:HG2	15	0.27
(13,912)	1:79:A:THR:HG23	1:81:A:GLU:HG3	15	0.27
(13,911)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	19	0.27
(13,911)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	19	0.27
(13,911)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	19	0.27
(13,911)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	19	0.27
(13,826)	1:48:A:ARG:HA	1:48:A:ARG:HD2	6	0.27
(13,826)	1:48:A:ARG:HA	1:48:A:ARG:HD3	6	0.27
(13,816)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	16	0.27
(13,816)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	16	0.27
(13,816)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	16	0.27
(13,816)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	16	0.27
(13,816)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	16	0.27
(13,816)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	16	0.27
(13,783)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	7	0.27
(13,783)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	7	0.27
(13,783)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	7	0.27
(13,751)	1:126:A:GLY:HA2	1:129:A:LYS:HB2	2	0.27
(13,751)	1:126:A:GLY:HA2	1:129:A:LYS:HB3	2	0.27
(13,748)	1:53:A:THR:H	1:53:A:THR:HG21	11	0.27
(13,748)	1:53:A:THR:H	1:53:A:THR:HG22	11	0.27
(13,748)	1:53:A:THR:H	1:53:A:THR:HG23	11	0.27
(13,703)	1:54:A:ARG:HE	1:58:A:ILE:HD11	2	0.27
(13,703)	1:54:A:ARG:HE	1:58:A:ILE:HD12	2	0.27
(13,703)	1:54:A:ARG:HE	1:58:A:ILE:HD13	2	0.27
(13,691)	1:27:A:ARG:HB3	1:27:A:ARG:HE	12	0.27
(13,691)	1:27:A:ARG:HB2	1:27:A:ARG:HE	12	0.27
(13,682)	1:98:A:ILE:H	1:104:A:PHE:H	14	0.27
(13,549)	1:124:A:THR:H	1:128:A:LEU:HD21	2	0.27
(13,549)	1:124:A:THR:H	1:128:A:LEU:HD22	2	0.27
(13,549)	1:124:A:THR:H	1:128:A:LEU:HD23	2	0.27
(13,355)	1:23:A:LEU:HB2	1:26:A:ASP:H	5	0.27
(13,355)	1:23:A:LEU:HB3	1:26:A:ASP:H	5	0.27
(13,234)	1:50:A:ALA:H	1:52:A:CYS:H	12	0.27
(13,156)	1:127:A:CYS:H	1:128:A:LEU:HG	4	0.27
(13,110)	1:21:A:THR:HB	1:22:A:ASP:H	16	0.27
(13,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	1	0.27
(13,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	1	0.27
(11,2463)	1:150:A:THR:H	1:151:A:PHE:HB2	11	0.27
(11,2463)	1:150:A:THR:H	1:151:A:PHE:HB3	11	0.27
(11,2419)	1:134:A:VAL:HG11	1:137:A:SER:HB2	2	0.27
(11,2419)	1:134:A:VAL:HG11	1:137:A:SER:HB3	2	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2419)	1:134:A:VAL:HG12	1:137:A:SER:HB2	2	0.27
(11,2419)	1:134:A:VAL:HG12	1:137:A:SER:HB3	2	0.27
(11,2419)	1:134:A:VAL:HG13	1:137:A:SER:HB2	2	0.27
(11,2419)	1:134:A:VAL:HG13	1:137:A:SER:HB3	2	0.27
(11,2419)	1:134:A:VAL:HG21	1:137:A:SER:HB2	2	0.27
(11,2419)	1:134:A:VAL:HG21	1:137:A:SER:HB3	2	0.27
(11,2419)	1:134:A:VAL:HG22	1:137:A:SER:HB2	2	0.27
(11,2419)	1:134:A:VAL:HG22	1:137:A:SER:HB3	2	0.27
(11,2419)	1:134:A:VAL:HG23	1:137:A:SER:HB2	2	0.27
(11,2419)	1:134:A:VAL:HG23	1:137:A:SER:HB3	2	0.27
(11,2303)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	2	0.27
(11,2303)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	2	0.27
(11,2303)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	2	0.27
(11,2303)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	2	0.27
(11,2303)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	2	0.27
(11,2303)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	2	0.27
(11,2303)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	2	0.27
(11,2303)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	2	0.27
(11,2303)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	2	0.27
(11,2303)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	2	0.27
(11,2303)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	2	0.27
(11,2303)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	2	0.27
(11,2290)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	14	0.27
(11,2290)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	14	0.27
(11,2283)	1:76:A:ARG:H	1:77:A:CYS:HB2	8	0.27
(11,2283)	1:76:A:ARG:H	1:77:A:CYS:HB3	8	0.27
(11,2216)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	15	0.27
(11,2216)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	15	0.27
(11,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	19	0.27
(11,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	19	0.27
(11,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	19	0.27
(11,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	19	0.27
(11,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	19	0.27
(11,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	19	0.27
(11,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	19	0.27
(11,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	19	0.27
(11,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	19	0.27
(11,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	19	0.27
(11,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	19	0.27
(11,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	19	0.27
(11,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	19	0.27
(11,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	19	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	19	0.27
(11,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	19	0.27
(11,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	19	0.27
(11,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	19	0.27
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	18	0.27
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	18	0.27
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	18	0.27
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	18	0.27
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	18	0.27
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	18	0.27
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	18	0.27
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	18	0.27
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	18	0.27
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	18	0.27
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	18	0.27
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	18	0.27
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	18	0.27
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	18	0.27
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	18	0.27
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	18	0.27
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	18	0.27
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	18	0.27
(11,1965)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	5	0.27
(11,1965)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	5	0.27
(11,1965)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	5	0.27
(11,1965)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	5	0.27
(11,1934)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	7	0.27
(11,1931)	1:35:A:LEU:HG	1:80:A:TYR:HE1	11	0.27
(11,1931)	1:35:A:LEU:HG	1:80:A:TYR:HE2	11	0.27
(11,1923)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	14	0.27
(11,1923)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	14	0.27
(11,1904)	1:104:A:PHE:HE1	1:113:A:PHE:HA	4	0.27
(11,1904)	1:104:A:PHE:HE2	1:113:A:PHE:HA	4	0.27
(11,1873)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	19	0.27
(11,1873)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	19	0.27
(11,1871)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	7	0.27
(11,1871)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	7	0.27
(11,1860)	1:139:A:LEU:HA	1:143:A:TRP:HD1	17	0.27
(11,1837)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	5	0.27
(11,1837)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	5	0.27
(11,1798)	1:39:A:VAL:HG21	1:144:A:LEU:H	2	0.27
(11,1798)	1:39:A:VAL:HG22	1:144:A:LEU:H	2	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1798)	1:39:A:VAL:HG23	1:144:A:LEU:H	2	0.27
(11,1738)	1:34:A:LYS:HA	1:35:A:LEU:HB3	2	0.27
(11,1738)	1:34:A:LYS:HA	1:35:A:LEU:HB3	19	0.27
(11,1611)	1:101:A:ILE:HD11	1:112:A:GLN:HA	10	0.27
(11,1611)	1:101:A:ILE:HD12	1:112:A:GLN:HA	10	0.27
(11,1611)	1:101:A:ILE:HD13	1:112:A:GLN:HA	10	0.27
(11,1597)	1:11:A:ILE:HD11	1:18:A:PHE:HD1	18	0.27
(11,1597)	1:11:A:ILE:HD11	1:18:A:PHE:HD2	18	0.27
(11,1597)	1:11:A:ILE:HD12	1:18:A:PHE:HD1	18	0.27
(11,1597)	1:11:A:ILE:HD12	1:18:A:PHE:HD2	18	0.27
(11,1597)	1:11:A:ILE:HD13	1:18:A:PHE:HD1	18	0.27
(11,1597)	1:11:A:ILE:HD13	1:18:A:PHE:HD2	18	0.27
(11,1549)	1:110:A:MET:HE1	1:114:A:ILE:HA	7	0.27
(11,1549)	1:110:A:MET:HE2	1:114:A:ILE:HA	7	0.27
(11,1549)	1:110:A:MET:HE3	1:114:A:ILE:HA	7	0.27
(11,1549)	1:110:A:MET:HE1	1:114:A:ILE:HA	9	0.27
(11,1549)	1:110:A:MET:HE2	1:114:A:ILE:HA	9	0.27
(11,1549)	1:110:A:MET:HE3	1:114:A:ILE:HA	9	0.27
(11,1549)	1:110:A:MET:HE1	1:114:A:ILE:HA	18	0.27
(11,1549)	1:110:A:MET:HE2	1:114:A:ILE:HA	18	0.27
(11,1549)	1:110:A:MET:HE3	1:114:A:ILE:HA	18	0.27
(11,1532)	1:15:A:ALA:HB1	1:43:A:MET:HE1	18	0.27
(11,1532)	1:15:A:ALA:HB1	1:43:A:MET:HE2	18	0.27
(11,1532)	1:15:A:ALA:HB1	1:43:A:MET:HE3	18	0.27
(11,1532)	1:15:A:ALA:HB2	1:43:A:MET:HE1	18	0.27
(11,1532)	1:15:A:ALA:HB2	1:43:A:MET:HE2	18	0.27
(11,1532)	1:15:A:ALA:HB2	1:43:A:MET:HE3	18	0.27
(11,1532)	1:15:A:ALA:HB3	1:43:A:MET:HE1	18	0.27
(11,1532)	1:15:A:ALA:HB3	1:43:A:MET:HE2	18	0.27
(11,1532)	1:15:A:ALA:HB3	1:43:A:MET:HE3	18	0.27
(11,1493)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	4	0.27
(11,1493)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	4	0.27
(11,1493)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	4	0.27
(11,1493)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	4	0.27
(11,1493)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	4	0.27
(11,1493)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	4	0.27
(11,1450)	1:119:A:LEU:HA	1:121:A:VAL:HG21	4	0.27
(11,1450)	1:119:A:LEU:HA	1:121:A:VAL:HG22	4	0.27
(11,1450)	1:119:A:LEU:HA	1:121:A:VAL:HG23	4	0.27
(11,1434)	1:73:A:ILE:HG21	1:110:A:MET:H	13	0.27
(11,1434)	1:73:A:ILE:HG22	1:110:A:MET:H	13	0.27
(11,1434)	1:73:A:ILE:HG23	1:110:A:MET:H	13	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1405)	1:94:A:ALA:HA	1:95:A:ILE:HB	6	0.27
(11,1310)	1:18:A:PHE:HD1	1:131:A:LEU:HD21	1	0.27
(11,1310)	1:18:A:PHE:HD1	1:131:A:LEU:HD22	1	0.27
(11,1310)	1:18:A:PHE:HD1	1:131:A:LEU:HD23	1	0.27
(11,1310)	1:18:A:PHE:HD2	1:131:A:LEU:HD21	1	0.27
(11,1310)	1:18:A:PHE:HD2	1:131:A:LEU:HD22	1	0.27
(11,1310)	1:18:A:PHE:HD2	1:131:A:LEU:HD23	1	0.27
(11,1255)	1:39:A:VAL:H	1:139:A:LEU:HD21	3	0.27
(11,1255)	1:39:A:VAL:H	1:139:A:LEU:HD22	3	0.27
(11,1255)	1:39:A:VAL:H	1:139:A:LEU:HD23	3	0.27
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD11	6	0.27
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD12	6	0.27
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD13	6	0.27
(11,1228)	1:69:A:MET:HE1	1:110:A:MET:HA	17	0.27
(11,1228)	1:69:A:MET:HE2	1:110:A:MET:HA	17	0.27
(11,1228)	1:69:A:MET:HE3	1:110:A:MET:HA	17	0.27
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD11	11	0.27
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD12	11	0.27
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD13	11	0.27
(11,1109)	1:116:A:GLN:HA	1:119:A:LEU:HD21	9	0.27
(11,1109)	1:116:A:GLN:HA	1:119:A:LEU:HD22	9	0.27
(11,1109)	1:116:A:GLN:HA	1:119:A:LEU:HD23	9	0.27
(11,936)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	16	0.27
(11,936)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	16	0.27
(11,936)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	16	0.27
(11,936)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	16	0.27
(11,840)	1:48:A:ARG:HA	1:48:A:ARG:HD2	6	0.27
(11,840)	1:48:A:ARG:HA	1:48:A:ARG:HD3	6	0.27
(11,831)	1:69:A:MET:HE1	1:114:A:ILE:HD11	6	0.27
(11,831)	1:69:A:MET:HE1	1:114:A:ILE:HD12	6	0.27
(11,831)	1:69:A:MET:HE1	1:114:A:ILE:HD13	6	0.27
(11,831)	1:69:A:MET:HE2	1:114:A:ILE:HD11	6	0.27
(11,831)	1:69:A:MET:HE2	1:114:A:ILE:HD12	6	0.27
(11,831)	1:69:A:MET:HE2	1:114:A:ILE:HD13	6	0.27
(11,831)	1:69:A:MET:HE3	1:114:A:ILE:HD11	6	0.27
(11,831)	1:69:A:MET:HE3	1:114:A:ILE:HD12	6	0.27
(11,831)	1:69:A:MET:HE3	1:114:A:ILE:HD13	6	0.27
(11,827)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	16	0.27
(11,827)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	16	0.27
(11,827)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	16	0.27
(11,827)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	16	0.27
(11,827)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	16	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,827)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	16	0.27
(11,780)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	1	0.27
(11,780)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	1	0.27
(11,780)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	1	0.27
(11,780)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	1	0.27
(11,780)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	1	0.27
(11,780)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	1	0.27
(11,725)	1:73:A:ILE:HG21	1:76:A:ARG:HE	13	0.27
(11,725)	1:73:A:ILE:HG22	1:76:A:ARG:HE	13	0.27
(11,725)	1:73:A:ILE:HG23	1:76:A:ARG:HE	13	0.27
(11,723)	1:76:A:ARG:HA	1:76:A:ARG:HE	3	0.27
(11,720)	1:54:A:ARG:HE	1:58:A:ILE:HD11	2	0.27
(11,720)	1:54:A:ARG:HE	1:58:A:ILE:HD12	2	0.27
(11,720)	1:54:A:ARG:HE	1:58:A:ILE:HD13	2	0.27
(11,698)	1:98:A:ILE:H	1:104:A:PHE:H	14	0.27
(11,673)	1:120:A:CYS:H	1:121:A:VAL:HG11	6	0.27
(11,673)	1:120:A:CYS:H	1:121:A:VAL:HG12	6	0.27
(11,673)	1:120:A:CYS:H	1:121:A:VAL:HG13	6	0.27
(11,673)	1:120:A:CYS:H	1:121:A:VAL:HG11	10	0.27
(11,673)	1:120:A:CYS:H	1:121:A:VAL:HG12	10	0.27
(11,673)	1:120:A:CYS:H	1:121:A:VAL:HG13	10	0.27
(11,625)	1:44:A:GLU:HA	1:48:A:ARG:H	15	0.27
(11,498)	1:105:A:LYS:H	1:105:A:LYS:HD2	1	0.27
(11,498)	1:105:A:LYS:H	1:105:A:LYS:HD3	1	0.27
(11,487)	1:79:A:THR:H	1:79:A:THR:HG21	16	0.27
(11,487)	1:79:A:THR:H	1:79:A:THR:HG22	16	0.27
(11,487)	1:79:A:THR:H	1:79:A:THR:HG23	16	0.27
(11,363)	1:23:A:LEU:HB2	1:26:A:ASP:H	10	0.27
(11,363)	1:23:A:LEU:HB3	1:26:A:ASP:H	10	0.27
(11,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	7	0.27
(11,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	7	0.27
(11,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	7	0.27
(11,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	10	0.27
(11,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	10	0.27
(11,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	10	0.27
(11,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	18	0.27
(11,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	18	0.27
(11,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	18	0.27
(11,43)	1:43:A:MET:HA	1:47:A:ALA:H	19	0.27
(9,2380)	1:134:A:VAL:HG11	1:137:A:SER:H	13	0.27
(9,2380)	1:134:A:VAL:HG12	1:137:A:SER:H	13	0.27
(9,2380)	1:134:A:VAL:HG13	1:137:A:SER:H	13	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2380)	1:134:A:VAL:HG21	1:137:A:SER:H	13	0.27
(9,2380)	1:134:A:VAL:HG22	1:137:A:SER:H	13	0.27
(9,2380)	1:134:A:VAL:HG23	1:137:A:SER:H	13	0.27
(9,2269)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	17	0.27
(9,2269)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	17	0.27
(9,2269)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	17	0.27
(9,2269)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	17	0.27
(9,2269)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	17	0.27
(9,2269)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	17	0.27
(9,2269)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	17	0.27
(9,2269)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	17	0.27
(9,2269)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	17	0.27
(9,2269)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	17	0.27
(9,2269)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	17	0.27
(9,2269)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	17	0.27
(9,2238)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	5	0.27
(9,2238)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	5	0.27
(9,2238)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	5	0.27
(9,2238)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	5	0.27
(9,2238)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	5	0.27
(9,2238)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	5	0.27
(9,2220)	1:76:A:ARG:H	1:77:A:CYS:HB2	8	0.27
(9,2220)	1:76:A:ARG:H	1:77:A:CYS:HB3	8	0.27
(9,2090)	1:39:A:VAL:HG11	1:41:A:LYS:H	15	0.27
(9,2090)	1:39:A:VAL:HG12	1:41:A:LYS:H	15	0.27
(9,2090)	1:39:A:VAL:HG13	1:41:A:LYS:H	15	0.27
(9,2090)	1:39:A:VAL:HG21	1:41:A:LYS:H	15	0.27
(9,2090)	1:39:A:VAL:HG22	1:41:A:LYS:H	15	0.27
(9,2090)	1:39:A:VAL:HG23	1:41:A:LYS:H	15	0.27
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD11	9	0.27
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD12	9	0.27
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD13	9	0.27
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD21	9	0.27
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD22	9	0.27
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD23	9	0.27
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	12	0.27
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	12	0.27
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	12	0.27
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	12	0.27
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	12	0.27
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	12	0.27
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	12	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	12	0.27
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	12	0.27
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	12	0.27
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	12	0.27
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	12	0.27
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	12	0.27
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	12	0.27
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	12	0.27
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	12	0.27
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	12	0.27
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	12	0.27
(9,1906)	1:80:A:TYR:HE1	1:81:A:GLU:H	12	0.27
(9,1906)	1:80:A:TYR:HE2	1:81:A:GLU:H	12	0.27
(9,1904)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	5	0.27
(9,1904)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	5	0.27
(9,1904)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	5	0.27
(9,1904)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	5	0.27
(9,1882)	1:104:A:PHE:HE1	1:105:A:LYS:H	11	0.27
(9,1882)	1:104:A:PHE:HE2	1:105:A:LYS:H	11	0.27
(9,1823)	1:139:A:LEU:HA	1:143:A:TRP:HD1	17	0.27
(9,1719)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	8	0.27
(9,1719)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	8	0.27
(9,1719)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	8	0.27
(9,1697)	1:34:A:LYS:HA	1:35:A:LEU:HB3	2	0.27
(9,1697)	1:34:A:LYS:HA	1:35:A:LEU:HB3	19	0.27
(9,1678)	1:69:A:MET:HA	1:109:A:PRO:HA	13	0.27
(9,1657)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	16	0.27
(9,1657)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	16	0.27
(9,1657)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	16	0.27
(9,1657)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	16	0.27
(9,1639)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	11	0.27
(9,1639)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	11	0.27
(9,1639)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	11	0.27
(9,1639)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	11	0.27
(9,1639)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	11	0.27
(9,1639)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	11	0.27
(9,1508)	1:15:A:ALA:HB1	1:43:A:MET:HE1	18	0.27
(9,1508)	1:15:A:ALA:HB1	1:43:A:MET:HE2	18	0.27
(9,1508)	1:15:A:ALA:HB1	1:43:A:MET:HE3	18	0.27
(9,1508)	1:15:A:ALA:HB2	1:43:A:MET:HE1	18	0.27
(9,1508)	1:15:A:ALA:HB2	1:43:A:MET:HE2	18	0.27
(9,1508)	1:15:A:ALA:HB2	1:43:A:MET:HE3	18	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1508)	1:15:A:ALA:HB3	1:43:A:MET:HE1	18	0.27
(9,1508)	1:15:A:ALA:HB3	1:43:A:MET:HE2	18	0.27
(9,1508)	1:15:A:ALA:HB3	1:43:A:MET:HE3	18	0.27
(9,1486)	1:114:A:ILE:HG21	1:117:A:VAL:H	17	0.27
(9,1486)	1:114:A:ILE:HG22	1:117:A:VAL:H	17	0.27
(9,1486)	1:114:A:ILE:HG23	1:117:A:VAL:H	17	0.27
(9,1476)	1:101:A:ILE:HG21	1:115:A:ALA:HA	12	0.27
(9,1476)	1:101:A:ILE:HG22	1:115:A:ALA:HA	12	0.27
(9,1476)	1:101:A:ILE:HG23	1:115:A:ALA:HA	12	0.27
(9,1469)	1:101:A:ILE:HG21	1:115:A:ALA:H	10	0.27
(9,1469)	1:101:A:ILE:HG22	1:115:A:ALA:H	10	0.27
(9,1469)	1:101:A:ILE:HG23	1:115:A:ALA:H	10	0.27
(9,1426)	1:119:A:LEU:HA	1:121:A:VAL:HG21	4	0.27
(9,1426)	1:119:A:LEU:HA	1:121:A:VAL:HG22	4	0.27
(9,1426)	1:119:A:LEU:HA	1:121:A:VAL:HG23	4	0.27
(9,1409)	1:73:A:ILE:HG21	1:110:A:MET:H	13	0.27
(9,1409)	1:73:A:ILE:HG22	1:110:A:MET:H	13	0.27
(9,1409)	1:73:A:ILE:HG23	1:110:A:MET:H	13	0.27
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	3	0.27
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	3	0.27
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	3	0.27
(9,1402)	1:60:A:LEU:HD21	1:120:A:CYS:HA	3	0.27
(9,1402)	1:60:A:LEU:HD22	1:120:A:CYS:HA	3	0.27
(9,1402)	1:60:A:LEU:HD23	1:120:A:CYS:HA	3	0.27
(9,1379)	1:94:A:ALA:HA	1:95:A:ILE:HB	6	0.27
(9,1267)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	8	0.27
(9,1267)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	8	0.27
(9,1267)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	8	0.27
(9,1267)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	8	0.27
(9,1267)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	8	0.27
(9,1267)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	8	0.27
(9,1251)	1:37:A:LEU:HD11	1:38:A:GLU:HA	12	0.27
(9,1251)	1:37:A:LEU:HD12	1:38:A:GLU:HA	12	0.27
(9,1251)	1:37:A:LEU:HD13	1:38:A:GLU:HA	12	0.27
(9,1223)	1:110:A:MET:HA	1:113:A:PHE:HB2	19	0.27
(9,1216)	1:69:A:MET:HE1	1:110:A:MET:HA	17	0.27
(9,1216)	1:69:A:MET:HE2	1:110:A:MET:HA	17	0.27
(9,1216)	1:69:A:MET:HE3	1:110:A:MET:HA	17	0.27
(9,1101)	1:116:A:GLN:HA	1:119:A:LEU:HD21	9	0.27
(9,1101)	1:116:A:GLN:HA	1:119:A:LEU:HD22	9	0.27
(9,1101)	1:116:A:GLN:HA	1:119:A:LEU:HD23	9	0.27
(9,858)	1:18:A:PHE:HZ	1:60:A:LEU:HB2	10	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,839)	1:48:A:ARG:HA	1:48:A:ARG:HD2	6	0.27
(9,839)	1:48:A:ARG:HA	1:48:A:ARG:HD3	6	0.27
(9,827)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	16	0.27
(9,827)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	16	0.27
(9,827)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	16	0.27
(9,827)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	16	0.27
(9,827)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	16	0.27
(9,827)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	16	0.27
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	4	0.27
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	4	0.27
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	4	0.27
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	4	0.27
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	4	0.27
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	4	0.27
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	4	0.27
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	4	0.27
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	4	0.27
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	13	0.27
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	13	0.27
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	13	0.27
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	13	0.27
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	13	0.27
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	13	0.27
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	13	0.27
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	13	0.27
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	13	0.27
(9,799)	1:54:A:ARG:HE	1:58:A:ILE:HD11	7	0.27
(9,799)	1:54:A:ARG:HE	1:58:A:ILE:HD12	7	0.27
(9,799)	1:54:A:ARG:HE	1:58:A:ILE:HD13	7	0.27
(9,797)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	7	0.27
(9,797)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	7	0.27
(9,797)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	7	0.27
(9,780)	1:11:A:ILE:HD11	1:52:A:CYS:HB2	5	0.27
(9,780)	1:11:A:ILE:HD11	1:52:A:CYS:HB3	5	0.27
(9,780)	1:11:A:ILE:HD12	1:52:A:CYS:HB2	5	0.27
(9,780)	1:11:A:ILE:HD12	1:52:A:CYS:HB3	5	0.27
(9,780)	1:11:A:ILE:HD13	1:52:A:CYS:HB2	5	0.27
(9,780)	1:11:A:ILE:HD13	1:52:A:CYS:HB3	5	0.27
(9,758)	1:53:A:THR:H	1:53:A:THR:HG21	11	0.27
(9,758)	1:53:A:THR:H	1:53:A:THR:HG22	11	0.27
(9,758)	1:53:A:THR:H	1:53:A:THR:HG23	11	0.27
(9,714)	1:76:A:ARG:HA	1:76:A:ARG:HE	3	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,624)	1:44:A:GLU:HA	1:48:A:ARG:H	15	0.27
(9,534)	1:70:A:LYS:HB2	1:72:A:PHE:H	5	0.27
(9,534)	1:70:A:LYS:HB3	1:72:A:PHE:H	5	0.27
(9,534)	1:70:A:LYS:HB2	1:72:A:PHE:H	19	0.27
(9,534)	1:70:A:LYS:HB3	1:72:A:PHE:H	19	0.27
(9,370)	1:23:A:LEU:HB2	1:26:A:ASP:H	5	0.27
(9,370)	1:23:A:LEU:HB3	1:26:A:ASP:H	5	0.27
(9,253)	1:58:A:ILE:H	1:58:A:ILE:HG13	10	0.27
(9,168)	1:131:A:LEU:H	1:131:A:LEU:HD21	4	0.27
(9,168)	1:131:A:LEU:H	1:131:A:LEU:HD22	4	0.27
(9,168)	1:131:A:LEU:H	1:131:A:LEU:HD23	4	0.27
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB1	5	0.27
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB2	5	0.27
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB3	5	0.27
(7,2447)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	14	0.27
(7,2447)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	14	0.27
(7,2447)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	14	0.27
(7,2447)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	14	0.27
(7,2447)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	14	0.27
(7,2447)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	14	0.27
(7,2336)	1:111:A:GLU:H	1:111:A:GLU:HG2	6	0.27
(7,2336)	1:111:A:GLU:H	1:111:A:GLU:HG3	6	0.27
(7,2244)	1:76:A:ARG:H	1:77:A:CYS:HB2	8	0.27
(7,2244)	1:76:A:ARG:H	1:77:A:CYS:HB3	8	0.27
(7,2197)	1:63:A:ILE:HG12	1:117:A:VAL:H	18	0.27
(7,2197)	1:63:A:ILE:HG13	1:117:A:VAL:H	18	0.27
(7,2104)	1:40:A:LEU:HD11	1:43:A:MET:HB3	3	0.27
(7,2104)	1:40:A:LEU:HD12	1:43:A:MET:HB3	3	0.27
(7,2104)	1:40:A:LEU:HD13	1:43:A:MET:HB3	3	0.27
(7,2104)	1:40:A:LEU:HD21	1:43:A:MET:HB3	3	0.27
(7,2104)	1:40:A:LEU:HD22	1:43:A:MET:HB3	3	0.27
(7,2104)	1:40:A:LEU:HD23	1:43:A:MET:HB3	3	0.27
(7,2082)	1:39:A:VAL:HG11	1:40:A:LEU:HD11	12	0.27
(7,2082)	1:39:A:VAL:HG11	1:40:A:LEU:HD12	12	0.27
(7,2082)	1:39:A:VAL:HG11	1:40:A:LEU:HD13	12	0.27
(7,2082)	1:39:A:VAL:HG11	1:40:A:LEU:HD21	12	0.27
(7,2082)	1:39:A:VAL:HG11	1:40:A:LEU:HD22	12	0.27
(7,2082)	1:39:A:VAL:HG11	1:40:A:LEU:HD23	12	0.27
(7,2082)	1:39:A:VAL:HG12	1:40:A:LEU:HD11	12	0.27
(7,2082)	1:39:A:VAL:HG12	1:40:A:LEU:HD12	12	0.27
(7,2082)	1:39:A:VAL:HG12	1:40:A:LEU:HD13	12	0.27
(7,2082)	1:39:A:VAL:HG12	1:40:A:LEU:HD21	12	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2082)	1:39:A:VAL:HG12	1:40:A:LEU:HD22	12	0.27
(7,2082)	1:39:A:VAL:HG12	1:40:A:LEU:HD23	12	0.27
(7,2082)	1:39:A:VAL:HG13	1:40:A:LEU:HD11	12	0.27
(7,2082)	1:39:A:VAL:HG13	1:40:A:LEU:HD12	12	0.27
(7,2082)	1:39:A:VAL:HG13	1:40:A:LEU:HD13	12	0.27
(7,2082)	1:39:A:VAL:HG13	1:40:A:LEU:HD21	12	0.27
(7,2082)	1:39:A:VAL:HG13	1:40:A:LEU:HD22	12	0.27
(7,2082)	1:39:A:VAL:HG13	1:40:A:LEU:HD23	12	0.27
(7,2082)	1:39:A:VAL:HG21	1:40:A:LEU:HD11	12	0.27
(7,2082)	1:39:A:VAL:HG21	1:40:A:LEU:HD12	12	0.27
(7,2082)	1:39:A:VAL:HG21	1:40:A:LEU:HD13	12	0.27
(7,2082)	1:39:A:VAL:HG21	1:40:A:LEU:HD21	12	0.27
(7,2082)	1:39:A:VAL:HG21	1:40:A:LEU:HD22	12	0.27
(7,2082)	1:39:A:VAL:HG21	1:40:A:LEU:HD23	12	0.27
(7,2082)	1:39:A:VAL:HG22	1:40:A:LEU:HD11	12	0.27
(7,2082)	1:39:A:VAL:HG22	1:40:A:LEU:HD12	12	0.27
(7,2082)	1:39:A:VAL:HG22	1:40:A:LEU:HD13	12	0.27
(7,2082)	1:39:A:VAL:HG22	1:40:A:LEU:HD21	12	0.27
(7,2082)	1:39:A:VAL:HG22	1:40:A:LEU:HD22	12	0.27
(7,2082)	1:39:A:VAL:HG22	1:40:A:LEU:HD23	12	0.27
(7,2082)	1:39:A:VAL:HG23	1:40:A:LEU:HD11	12	0.27
(7,2082)	1:39:A:VAL:HG23	1:40:A:LEU:HD12	12	0.27
(7,2082)	1:39:A:VAL:HG23	1:40:A:LEU:HD13	12	0.27
(7,2082)	1:39:A:VAL:HG23	1:40:A:LEU:HD21	12	0.27
(7,2082)	1:39:A:VAL:HG23	1:40:A:LEU:HD22	12	0.27
(7,2082)	1:39:A:VAL:HG23	1:40:A:LEU:HD23	12	0.27
(7,2029)	1:34:A:LYS:H	1:81:A:GLU:HB2	4	0.27
(7,2029)	1:34:A:LYS:H	1:81:A:GLU:HB3	4	0.27
(7,2021)	1:30:A:LEU:HD11	1:31:A:PRO:HG2	5	0.27
(7,2021)	1:30:A:LEU:HD11	1:31:A:PRO:HG3	5	0.27
(7,2021)	1:30:A:LEU:HD12	1:31:A:PRO:HG2	5	0.27
(7,2021)	1:30:A:LEU:HD12	1:31:A:PRO:HG3	5	0.27
(7,2021)	1:30:A:LEU:HD13	1:31:A:PRO:HG2	5	0.27
(7,2021)	1:30:A:LEU:HD13	1:31:A:PRO:HG3	5	0.27
(7,2021)	1:30:A:LEU:HD21	1:31:A:PRO:HG2	5	0.27
(7,2021)	1:30:A:LEU:HD21	1:31:A:PRO:HG3	5	0.27
(7,2021)	1:30:A:LEU:HD22	1:31:A:PRO:HG2	5	0.27
(7,2021)	1:30:A:LEU:HD22	1:31:A:PRO:HG3	5	0.27
(7,2021)	1:30:A:LEU:HD23	1:31:A:PRO:HG2	5	0.27
(7,2021)	1:30:A:LEU:HD23	1:31:A:PRO:HG3	5	0.27
(7,1954)	1:15:A:ALA:HB1	1:16:A:SER:HB2	15	0.27
(7,1954)	1:15:A:ALA:HB1	1:16:A:SER:HB3	15	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1954)	1:15:A:ALA:HB2	1:16:A:SER:HB2	15	0.27
(7,1954)	1:15:A:ALA:HB2	1:16:A:SER:HB3	15	0.27
(7,1954)	1:15:A:ALA:HB3	1:16:A:SER:HB2	15	0.27
(7,1954)	1:15:A:ALA:HB3	1:16:A:SER:HB3	15	0.27
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD11	15	0.27
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD12	15	0.27
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD13	15	0.27
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD21	15	0.27
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD22	15	0.27
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD23	15	0.27
(7,1910)	1:10:A:ASN:HD21	1:80:A:TYR:H	16	0.27
(7,1910)	1:10:A:ASN:HD22	1:80:A:TYR:H	16	0.27
(7,1875)	1:80:A:TYR:HE1	1:81:A:GLU:H	12	0.27
(7,1875)	1:80:A:TYR:HE2	1:81:A:GLU:H	12	0.27
(7,1857)	1:104:A:PHE:HE1	1:113:A:PHE:HA	16	0.27
(7,1857)	1:104:A:PHE:HE2	1:113:A:PHE:HA	16	0.27
(7,1838)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	2	0.27
(7,1838)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	2	0.27
(7,1831)	1:18:A:PHE:HD1	1:113:A:PHE:HE1	4	0.27
(7,1831)	1:18:A:PHE:HD1	1:113:A:PHE:HE2	4	0.27
(7,1831)	1:18:A:PHE:HD2	1:113:A:PHE:HE1	4	0.27
(7,1831)	1:18:A:PHE:HD2	1:113:A:PHE:HE2	4	0.27
(7,1826)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	15	0.27
(7,1826)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	18	0.27
(7,1800)	1:139:A:LEU:HA	1:143:A:TRP:HD1	17	0.27
(7,1796)	1:71:A:LYS:HD2	1:72:A:PHE:HZ	14	0.27
(7,1796)	1:71:A:LYS:HD3	1:72:A:PHE:HZ	14	0.27
(7,1795)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	6	0.27
(7,1795)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	6	0.27
(7,1754)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	15	0.27
(7,1754)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	15	0.27
(7,1754)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	15	0.27
(7,1754)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	15	0.27
(7,1754)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	15	0.27
(7,1754)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	15	0.27
(7,1754)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	15	0.27
(7,1754)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	15	0.27
(7,1754)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	15	0.27
(7,1754)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	15	0.27
(7,1754)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	15	0.27
(7,1754)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	15	0.27
(7,1726)	1:39:A:VAL:HG21	1:144:A:LEU:H	2	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1726)	1:39:A:VAL:HG22	1:144:A:LEU:H	2	0.27
(7,1726)	1:39:A:VAL:HG23	1:144:A:LEU:H	2	0.27
(7,1672)	1:34:A:LYS:HA	1:35:A:LEU:HB3	2	0.27
(7,1672)	1:34:A:LYS:HA	1:35:A:LEU:HB3	19	0.27
(7,1619)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	15	0.27
(7,1619)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	15	0.27
(7,1619)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	15	0.27
(7,1619)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	15	0.27
(7,1619)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	15	0.27
(7,1619)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	15	0.27
(7,1577)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	15	0.27
(7,1577)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	15	0.27
(7,1577)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	15	0.27
(7,1543)	1:11:A:ILE:HD11	1:12:A:VAL:H	17	0.27
(7,1543)	1:11:A:ILE:HD12	1:12:A:VAL:H	17	0.27
(7,1543)	1:11:A:ILE:HD13	1:12:A:VAL:H	17	0.27
(7,1531)	1:143:A:TRP:H	1:144:A:LEU:HD11	17	0.27
(7,1531)	1:143:A:TRP:H	1:144:A:LEU:HD12	17	0.27
(7,1531)	1:143:A:TRP:H	1:144:A:LEU:HD13	17	0.27
(7,1530)	1:39:A:VAL:H	1:139:A:LEU:HD11	13	0.27
(7,1530)	1:39:A:VAL:H	1:139:A:LEU:HD12	13	0.27
(7,1530)	1:39:A:VAL:H	1:139:A:LEU:HD13	13	0.27
(7,1517)	1:63:A:ILE:HG21	1:69:A:MET:HE1	3	0.27
(7,1517)	1:63:A:ILE:HG21	1:69:A:MET:HE2	3	0.27
(7,1517)	1:63:A:ILE:HG21	1:69:A:MET:HE3	3	0.27
(7,1517)	1:63:A:ILE:HG22	1:69:A:MET:HE1	3	0.27
(7,1517)	1:63:A:ILE:HG22	1:69:A:MET:HE2	3	0.27
(7,1517)	1:63:A:ILE:HG22	1:69:A:MET:HE3	3	0.27
(7,1517)	1:63:A:ILE:HG23	1:69:A:MET:HE1	3	0.27
(7,1517)	1:63:A:ILE:HG23	1:69:A:MET:HE2	3	0.27
(7,1517)	1:63:A:ILE:HG23	1:69:A:MET:HE3	3	0.27
(7,1510)	1:110:A:MET:HE1	1:114:A:ILE:HA	7	0.27
(7,1510)	1:110:A:MET:HE2	1:114:A:ILE:HA	7	0.27
(7,1510)	1:110:A:MET:HE3	1:114:A:ILE:HA	7	0.27
(7,1510)	1:110:A:MET:HE1	1:114:A:ILE:HA	9	0.27
(7,1510)	1:110:A:MET:HE2	1:114:A:ILE:HA	9	0.27
(7,1510)	1:110:A:MET:HE3	1:114:A:ILE:HA	9	0.27
(7,1510)	1:110:A:MET:HE1	1:114:A:ILE:HA	18	0.27
(7,1510)	1:110:A:MET:HE2	1:114:A:ILE:HA	18	0.27
(7,1510)	1:110:A:MET:HE3	1:114:A:ILE:HA	18	0.27
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE1	4	0.27
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE2	4	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1498)	1:65:A:CYS:H	1:69:A:MET:HE3	4	0.27
(7,1493)	1:15:A:ALA:HB1	1:43:A:MET:HE1	18	0.27
(7,1493)	1:15:A:ALA:HB1	1:43:A:MET:HE2	18	0.27
(7,1493)	1:15:A:ALA:HB1	1:43:A:MET:HE3	18	0.27
(7,1493)	1:15:A:ALA:HB2	1:43:A:MET:HE1	18	0.27
(7,1493)	1:15:A:ALA:HB2	1:43:A:MET:HE2	18	0.27
(7,1493)	1:15:A:ALA:HB2	1:43:A:MET:HE3	18	0.27
(7,1493)	1:15:A:ALA:HB3	1:43:A:MET:HE1	18	0.27
(7,1493)	1:15:A:ALA:HB3	1:43:A:MET:HE2	18	0.27
(7,1493)	1:15:A:ALA:HB3	1:43:A:MET:HE3	18	0.27
(7,1471)	1:114:A:ILE:HG21	1:117:A:VAL:H	17	0.27
(7,1471)	1:114:A:ILE:HG22	1:117:A:VAL:H	17	0.27
(7,1471)	1:114:A:ILE:HG23	1:117:A:VAL:H	17	0.27
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	5	0.27
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	5	0.27
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	5	0.27
(7,1459)	1:101:A:ILE:HG21	1:115:A:ALA:HA	12	0.27
(7,1459)	1:101:A:ILE:HG22	1:115:A:ALA:HA	12	0.27
(7,1459)	1:101:A:ILE:HG23	1:115:A:ALA:HA	12	0.27
(7,1453)	1:101:A:ILE:HG21	1:115:A:ALA:H	10	0.27
(7,1453)	1:101:A:ILE:HG22	1:115:A:ALA:H	10	0.27
(7,1453)	1:101:A:ILE:HG23	1:115:A:ALA:H	10	0.27
(7,1414)	1:119:A:LEU:HA	1:121:A:VAL:HG21	4	0.27
(7,1414)	1:119:A:LEU:HA	1:121:A:VAL:HG22	4	0.27
(7,1414)	1:119:A:LEU:HA	1:121:A:VAL:HG23	4	0.27
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG21	14	0.27
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG22	14	0.27
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG23	14	0.27
(7,1317)	1:131:A:LEU:H	1:131:A:LEU:HD21	4	0.27
(7,1317)	1:131:A:LEU:H	1:131:A:LEU:HD22	4	0.27
(7,1317)	1:131:A:LEU:H	1:131:A:LEU:HD23	4	0.27
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD11	7	0.27
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD12	7	0.27
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD13	7	0.27
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD11	7	0.27
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD12	7	0.27
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD13	7	0.27
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD11	7	0.27
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD12	7	0.27
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD13	7	0.27
(7,1275)	1:18:A:PHE:HD1	1:131:A:LEU:HD21	1	0.27
(7,1275)	1:18:A:PHE:HD1	1:131:A:LEU:HD22	1	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1275)	1:18:A:PHE:HD1	1:131:A:LEU:HD23	1	0.27
(7,1275)	1:18:A:PHE:HD2	1:131:A:LEU:HD21	1	0.27
(7,1275)	1:18:A:PHE:HD2	1:131:A:LEU:HD22	1	0.27
(7,1275)	1:18:A:PHE:HD2	1:131:A:LEU:HD23	1	0.27
(7,1252)	1:114:A:ILE:HA	1:117:A:VAL:HG11	13	0.27
(7,1252)	1:114:A:ILE:HA	1:117:A:VAL:HG12	13	0.27
(7,1252)	1:114:A:ILE:HA	1:117:A:VAL:HG13	13	0.27
(7,1200)	1:110:A:MET:HA	1:113:A:PHE:HB2	10	0.27
(7,1192)	1:69:A:MET:HE1	1:110:A:MET:HA	17	0.27
(7,1192)	1:69:A:MET:HE2	1:110:A:MET:HA	17	0.27
(7,1192)	1:69:A:MET:HE3	1:110:A:MET:HA	17	0.27
(7,1159)	1:116:A:GLN:HA	1:119:A:LEU:HD21	9	0.27
(7,1159)	1:116:A:GLN:HA	1:119:A:LEU:HD22	9	0.27
(7,1159)	1:116:A:GLN:HA	1:119:A:LEU:HD23	9	0.27
(7,954)	1:11:A:ILE:HG12	1:14:A:VAL:HB	18	0.27
(7,952)	1:43:A:MET:HB2	1:140:A:LEU:HD11	12	0.27
(7,952)	1:43:A:MET:HB2	1:140:A:LEU:HD12	12	0.27
(7,952)	1:43:A:MET:HB2	1:140:A:LEU:HD13	12	0.27
(7,945)	1:70:A:LYS:HB2	1:74:A:PRO:HA	8	0.27
(7,945)	1:70:A:LYS:HB3	1:74:A:PRO:HA	8	0.27
(7,919)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	19	0.27
(7,919)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	19	0.27
(7,919)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	19	0.27
(7,919)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	19	0.27
(7,916)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	1	0.27
(7,916)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	1	0.27
(7,831)	1:48:A:ARG:HA	1:48:A:ARG:HD2	6	0.27
(7,831)	1:48:A:ARG:HA	1:48:A:ARG:HD3	6	0.27
(7,822)	1:69:A:MET:HE1	1:114:A:ILE:HD11	6	0.27
(7,822)	1:69:A:MET:HE1	1:114:A:ILE:HD12	6	0.27
(7,822)	1:69:A:MET:HE1	1:114:A:ILE:HD13	6	0.27
(7,822)	1:69:A:MET:HE2	1:114:A:ILE:HD11	6	0.27
(7,822)	1:69:A:MET:HE2	1:114:A:ILE:HD12	6	0.27
(7,822)	1:69:A:MET:HE2	1:114:A:ILE:HD13	6	0.27
(7,822)	1:69:A:MET:HE3	1:114:A:ILE:HD11	6	0.27
(7,822)	1:69:A:MET:HE3	1:114:A:ILE:HD12	6	0.27
(7,822)	1:69:A:MET:HE3	1:114:A:ILE:HD13	6	0.27
(7,795)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	10	0.27
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD11	18	0.27
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD12	18	0.27
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD13	18	0.27
(7,732)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	12	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,715)	1:76:A:ARG:HA	1:76:A:ARG:HE	3	0.27
(7,713)	1:54:A:ARG:HE	1:58:A:ILE:HD11	2	0.27
(7,713)	1:54:A:ARG:HE	1:58:A:ILE:HD12	2	0.27
(7,713)	1:54:A:ARG:HE	1:58:A:ILE:HD13	2	0.27
(7,693)	1:98:A:ILE:H	1:104:A:PHE:H	14	0.27
(7,623)	1:44:A:GLU:HA	1:48:A:ARG:H	15	0.27
(7,489)	1:79:A:THR:H	1:79:A:THR:HG21	16	0.27
(7,489)	1:79:A:THR:H	1:79:A:THR:HG22	16	0.27
(7,489)	1:79:A:THR:H	1:79:A:THR:HG23	16	0.27
(7,372)	1:41:A:LYS:H	1:44:A:GLU:HB2	16	0.27
(7,372)	1:41:A:LYS:H	1:44:A:GLU:HB3	16	0.27
(7,357)	1:23:A:LEU:HB2	1:26:A:ASP:H	5	0.27
(7,357)	1:23:A:LEU:HB3	1:26:A:ASP:H	5	0.27
(7,175)	1:8:A:ASP:H	1:58:A:ILE:HG13	6	0.27
(7,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	19	0.27
(7,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	19	0.27
(7,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	19	0.27
(7,111)	1:21:A:THR:HB	1:22:A:ASP:H	16	0.27
(6,2479)	1:150:A:THR:H	1:151:A:PHE:HB2	11	0.27
(6,2479)	1:150:A:THR:H	1:151:A:PHE:HB3	11	0.27
(6,2457)	1:140:A:LEU:H	1:140:A:LEU:HD11	4	0.27
(6,2457)	1:140:A:LEU:H	1:140:A:LEU:HD12	4	0.27
(6,2457)	1:140:A:LEU:H	1:140:A:LEU:HD13	4	0.27
(6,2457)	1:140:A:LEU:H	1:140:A:LEU:HD21	4	0.27
(6,2457)	1:140:A:LEU:H	1:140:A:LEU:HD22	4	0.27
(6,2457)	1:140:A:LEU:H	1:140:A:LEU:HD23	4	0.27
(6,2455)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	14	0.27
(6,2455)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	14	0.27
(6,2455)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	14	0.27
(6,2455)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	14	0.27
(6,2455)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	14	0.27
(6,2455)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	14	0.27
(6,1956)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	5	0.27
(6,1956)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	5	0.27
(6,1956)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	5	0.27
(6,1956)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	5	0.27
(6,1955)	1:10:A:ASN:HD21	1:80:A:TYR:H	16	0.27
(6,1955)	1:10:A:ASN:HD22	1:80:A:TYR:H	16	0.27
(6,1920)	1:35:A:LEU:HG	1:80:A:TYR:HE1	11	0.27
(6,1920)	1:35:A:LEU:HG	1:80:A:TYR:HE2	11	0.27
(6,1918)	1:80:A:TYR:HE1	1:81:A:GLU:H	12	0.27
(6,1918)	1:80:A:TYR:HE2	1:81:A:GLU:H	12	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1915)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	5	0.27
(6,1915)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	5	0.27
(6,1912)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	13	0.27
(6,1912)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	13	0.27
(6,1912)	1:113:A:PHE:HE1	1:114:A:ILE:HG12	13	0.27
(6,1912)	1:113:A:PHE:HE2	1:114:A:ILE:HG12	13	0.27
(6,1895)	1:104:A:PHE:HE1	1:113:A:PHE:HA	16	0.27
(6,1895)	1:104:A:PHE:HE2	1:113:A:PHE:HA	16	0.27
(6,1872)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	2	0.27
(6,1872)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	2	0.27
(6,1850)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	7	0.27
(6,1850)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	7	0.27
(6,1848)	1:13:A:ALA:HA	1:80:A:TYR:HE1	19	0.27
(6,1848)	1:13:A:ALA:HA	1:80:A:TYR:HE2	19	0.27
(6,1836)	1:139:A:LEU:HA	1:143:A:TRP:HD1	17	0.27
(6,1823)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	1	0.27
(6,1823)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	1	0.27
(6,1823)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	2	0.27
(6,1823)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	2	0.27
(6,1771)	1:97:A:ASP:HA	1:105:A:LYS:HA	4	0.27
(6,1727)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	8	0.27
(6,1727)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	8	0.27
(6,1727)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	8	0.27
(6,1703)	1:34:A:LYS:HA	1:35:A:LEU:HB3	2	0.27
(6,1703)	1:34:A:LYS:HA	1:35:A:LEU:HB3	19	0.27
(6,1580)	1:101:A:ILE:HD11	1:112:A:GLN:HA	10	0.27
(6,1580)	1:101:A:ILE:HD12	1:112:A:GLN:HA	10	0.27
(6,1580)	1:101:A:ILE:HD13	1:112:A:GLN:HA	10	0.27
(6,1566)	1:11:A:ILE:HD11	1:45:A:ALA:H	16	0.27
(6,1566)	1:11:A:ILE:HD12	1:45:A:ALA:H	16	0.27
(6,1566)	1:11:A:ILE:HD13	1:45:A:ALA:H	16	0.27
(6,1532)	1:63:A:ILE:HG21	1:69:A:MET:HE1	3	0.27
(6,1532)	1:63:A:ILE:HG21	1:69:A:MET:HE2	3	0.27
(6,1532)	1:63:A:ILE:HG21	1:69:A:MET:HE3	3	0.27
(6,1532)	1:63:A:ILE:HG22	1:69:A:MET:HE1	3	0.27
(6,1532)	1:63:A:ILE:HG22	1:69:A:MET:HE2	3	0.27
(6,1532)	1:63:A:ILE:HG22	1:69:A:MET:HE3	3	0.27
(6,1532)	1:63:A:ILE:HG23	1:69:A:MET:HE1	3	0.27
(6,1532)	1:63:A:ILE:HG23	1:69:A:MET:HE2	3	0.27
(6,1532)	1:63:A:ILE:HG23	1:69:A:MET:HE3	3	0.27
(6,1516)	1:110:A:MET:HE1	1:113:A:PHE:HE1	10	0.27
(6,1516)	1:110:A:MET:HE1	1:113:A:PHE:HE2	10	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1516)	1:110:A:MET:HE2	1:113:A:PHE:HE1	10	0.27
(6,1516)	1:110:A:MET:HE2	1:113:A:PHE:HE2	10	0.27
(6,1516)	1:110:A:MET:HE3	1:113:A:PHE:HE1	10	0.27
(6,1516)	1:110:A:MET:HE3	1:113:A:PHE:HE2	10	0.27
(6,1508)	1:15:A:ALA:HB1	1:43:A:MET:HE1	18	0.27
(6,1508)	1:15:A:ALA:HB1	1:43:A:MET:HE2	18	0.27
(6,1508)	1:15:A:ALA:HB1	1:43:A:MET:HE3	18	0.27
(6,1508)	1:15:A:ALA:HB2	1:43:A:MET:HE1	18	0.27
(6,1508)	1:15:A:ALA:HB2	1:43:A:MET:HE2	18	0.27
(6,1508)	1:15:A:ALA:HB2	1:43:A:MET:HE3	18	0.27
(6,1508)	1:15:A:ALA:HB3	1:43:A:MET:HE1	18	0.27
(6,1508)	1:15:A:ALA:HB3	1:43:A:MET:HE2	18	0.27
(6,1508)	1:15:A:ALA:HB3	1:43:A:MET:HE3	18	0.27
(6,1485)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	10	0.27
(6,1485)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	10	0.27
(6,1485)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	10	0.27
(6,1485)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	10	0.27
(6,1485)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	10	0.27
(6,1485)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	10	0.27
(6,1485)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	10	0.27
(6,1485)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	10	0.27
(6,1485)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	10	0.27
(6,1474)	1:101:A:ILE:HG21	1:115:A:ALA:HA	12	0.27
(6,1474)	1:101:A:ILE:HG22	1:115:A:ALA:HA	12	0.27
(6,1474)	1:101:A:ILE:HG23	1:115:A:ALA:HA	12	0.27
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD11	4	0.27
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD12	4	0.27
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD13	4	0.27
(6,1260)	1:114:A:ILE:HA	1:117:A:VAL:HG11	13	0.27
(6,1260)	1:114:A:ILE:HA	1:117:A:VAL:HG12	13	0.27
(6,1260)	1:114:A:ILE:HA	1:117:A:VAL:HG13	13	0.27
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG11	9	0.27
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG12	9	0.27
(6,1257)	1:117:A:VAL:H	1:117:A:VAL:HG13	9	0.27
(6,1225)	1:140:A:LEU:HA	1:140:A:LEU:HD11	17	0.27
(6,1225)	1:140:A:LEU:HA	1:140:A:LEU:HD12	17	0.27
(6,1225)	1:140:A:LEU:HA	1:140:A:LEU:HD13	17	0.27
(6,1076)	1:68:A:LYS:HA	1:72:A:PHE:HD1	6	0.27
(6,1076)	1:68:A:LYS:HA	1:72:A:PHE:HD2	6	0.27
(6,1056)	1:11:A:ILE:HG12	1:44:A:GLU:HA	10	0.27
(6,833)	1:48:A:ARG:HA	1:48:A:ARG:HD2	6	0.27
(6,833)	1:48:A:ARG:HA	1:48:A:ARG:HD3	6	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,822)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	16	0.27
(6,822)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	16	0.27
(6,822)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	16	0.27
(6,822)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	16	0.27
(6,822)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	16	0.27
(6,822)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	16	0.27
(6,814)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	8	0.27
(6,814)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	8	0.27
(6,814)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	8	0.27
(6,809)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	19	0.27
(6,809)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	19	0.27
(6,809)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	19	0.27
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	4	0.27
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	4	0.27
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	4	0.27
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	4	0.27
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	4	0.27
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	4	0.27
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	4	0.27
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	4	0.27
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	4	0.27
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	13	0.27
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	13	0.27
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	13	0.27
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	13	0.27
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	13	0.27
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	13	0.27
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	13	0.27
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	13	0.27
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	13	0.27
(6,794)	1:54:A:ARG:HE	1:58:A:ILE:HD11	7	0.27
(6,794)	1:54:A:ARG:HE	1:58:A:ILE:HD12	7	0.27
(6,794)	1:54:A:ARG:HE	1:58:A:ILE:HD13	7	0.27
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	4	0.27
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	4	0.27
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	4	0.27
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	4	0.27
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	4	0.27
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	4	0.27
(6,718)	1:46:A:ASN:HA	1:50:A:ALA:H	17	0.27
(6,700)	1:27:A:ARG:HB3	1:27:A:ARG:HE	12	0.27
(6,700)	1:27:A:ARG:HB2	1:27:A:ARG:HE	12	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,370)	1:41:A:LYS:H	1:44:A:GLU:HB2	16	0.27
(6,370)	1:41:A:LYS:H	1:44:A:GLU:HB3	16	0.27
(6,356)	1:23:A:LEU:HB2	1:26:A:ASP:H	10	0.27
(6,356)	1:23:A:LEU:HB3	1:26:A:ASP:H	10	0.27
(6,292)	1:128:A:LEU:HB3	1:129:A:LYS:H	16	0.27
(6,245)	1:58:A:ILE:H	1:58:A:ILE:HG13	10	0.27
(6,152)	1:67:A:PRO:HD3	1:95:A:ILE:H	8	0.27
(6,38)	1:98:A:ILE:H	1:105:A:LYS:HA	18	0.27
(6,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	1	0.27
(6,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	1	0.27
(5,2482)	1:150:A:THR:H	1:151:A:PHE:HB2	11	0.27
(5,2482)	1:150:A:THR:H	1:151:A:PHE:HB3	11	0.27
(5,2270)	1:76:A:ARG:H	1:77:A:CYS:HB2	8	0.27
(5,2270)	1:76:A:ARG:H	1:77:A:CYS:HB3	8	0.27
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	1	0.27
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	1	0.27
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	1	0.27
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	1	0.27
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	1	0.27
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	1	0.27
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD11	1	0.27
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD12	1	0.27
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD13	1	0.27
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD21	1	0.27
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD22	1	0.27
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD23	1	0.27
(5,2030)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	3	0.27
(5,2030)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	3	0.27
(5,2030)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	3	0.27
(5,2030)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	3	0.27
(5,2030)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	3	0.27
(5,2030)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	3	0.27
(5,2030)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	3	0.27
(5,2030)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	3	0.27
(5,2030)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	3	0.27
(5,2030)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	3	0.27
(5,2030)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	3	0.27
(5,2030)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	3	0.27
(5,1989)	1:15:A:ALA:H	1:17:A:ASN:HD21	4	0.27
(5,1989)	1:15:A:ALA:H	1:17:A:ASN:HD22	4	0.27
(5,1968)	1:11:A:ILE:HG21	1:43:A:MET:HG2	5	0.27
(5,1968)	1:11:A:ILE:HG21	1:43:A:MET:HG3	5	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1968)	1:11:A:ILE:HG22	1:43:A:MET:HG2	5	0.27
(5,1968)	1:11:A:ILE:HG22	1:43:A:MET:HG3	5	0.27
(5,1968)	1:11:A:ILE:HG23	1:43:A:MET:HG2	5	0.27
(5,1968)	1:11:A:ILE:HG23	1:43:A:MET:HG3	5	0.27
(5,1935)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	7	0.27
(5,1931)	1:80:A:TYR:HE1	1:81:A:GLU:H	12	0.27
(5,1931)	1:80:A:TYR:HE2	1:81:A:GLU:H	12	0.27
(5,1928)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	5	0.27
(5,1928)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	5	0.27
(5,1907)	1:104:A:PHE:HE1	1:105:A:LYS:H	11	0.27
(5,1907)	1:104:A:PHE:HE2	1:105:A:LYS:H	11	0.27
(5,1889)	1:9:A:PHE:HE1	1:54:A:ARG:HE	14	0.27
(5,1889)	1:9:A:PHE:HE2	1:54:A:ARG:HE	14	0.27
(5,1857)	1:139:A:LEU:HA	1:143:A:TRP:HD1	17	0.27
(5,1814)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	15	0.27
(5,1814)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	15	0.27
(5,1814)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	15	0.27
(5,1814)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	15	0.27
(5,1814)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	15	0.27
(5,1814)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	15	0.27
(5,1814)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	15	0.27
(5,1814)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	15	0.27
(5,1814)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	15	0.27
(5,1814)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	15	0.27
(5,1814)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	15	0.27
(5,1814)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	15	0.27
(5,1812)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	16	0.27
(5,1812)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	16	0.27
(5,1812)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	16	0.27
(5,1812)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	16	0.27
(5,1788)	1:39:A:VAL:HG21	1:144:A:LEU:H	2	0.27
(5,1788)	1:39:A:VAL:HG22	1:144:A:LEU:H	2	0.27
(5,1788)	1:39:A:VAL:HG23	1:144:A:LEU:H	2	0.27
(5,1752)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	17	0.27
(5,1752)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	17	0.27
(5,1752)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	17	0.27
(5,1724)	1:34:A:LYS:HA	1:35:A:LEU:HB3	2	0.27
(5,1724)	1:34:A:LYS:HA	1:35:A:LEU:HB3	19	0.27
(5,1706)	1:69:A:MET:HA	1:109:A:PRO:HA	13	0.27
(5,1671)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	6	0.27
(5,1671)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	6	0.27
(5,1671)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	6	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1611)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	12	0.27
(5,1611)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	12	0.27
(5,1611)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	12	0.27
(5,1609)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	8	0.27
(5,1609)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	8	0.27
(5,1609)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	8	0.27
(5,1584)	1:11:A:ILE:HD11	1:12:A:VAL:H	17	0.27
(5,1584)	1:11:A:ILE:HD12	1:12:A:VAL:H	17	0.27
(5,1584)	1:11:A:ILE:HD13	1:12:A:VAL:H	17	0.27
(5,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE1	3	0.27
(5,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE2	3	0.27
(5,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE3	3	0.27
(5,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE1	3	0.27
(5,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE2	3	0.27
(5,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE3	3	0.27
(5,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE1	3	0.27
(5,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE2	3	0.27
(5,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE3	3	0.27
(5,1544)	1:110:A:MET:HE1	1:114:A:ILE:HA	7	0.27
(5,1544)	1:110:A:MET:HE2	1:114:A:ILE:HA	7	0.27
(5,1544)	1:110:A:MET:HE3	1:114:A:ILE:HA	7	0.27
(5,1544)	1:110:A:MET:HE1	1:114:A:ILE:HA	9	0.27
(5,1544)	1:110:A:MET:HE2	1:114:A:ILE:HA	9	0.27
(5,1544)	1:110:A:MET:HE3	1:114:A:ILE:HA	9	0.27
(5,1544)	1:110:A:MET:HE1	1:114:A:ILE:HA	18	0.27
(5,1544)	1:110:A:MET:HE2	1:114:A:ILE:HA	18	0.27
(5,1544)	1:110:A:MET:HE3	1:114:A:ILE:HA	18	0.27
(5,1529)	1:15:A:ALA:HB1	1:43:A:MET:HE1	18	0.27
(5,1529)	1:15:A:ALA:HB1	1:43:A:MET:HE2	18	0.27
(5,1529)	1:15:A:ALA:HB1	1:43:A:MET:HE3	18	0.27
(5,1529)	1:15:A:ALA:HB2	1:43:A:MET:HE1	18	0.27
(5,1529)	1:15:A:ALA:HB2	1:43:A:MET:HE2	18	0.27
(5,1529)	1:15:A:ALA:HB2	1:43:A:MET:HE3	18	0.27
(5,1529)	1:15:A:ALA:HB3	1:43:A:MET:HE1	18	0.27
(5,1529)	1:15:A:ALA:HB3	1:43:A:MET:HE2	18	0.27
(5,1529)	1:15:A:ALA:HB3	1:43:A:MET:HE3	18	0.27
(5,1509)	1:114:A:ILE:HG21	1:117:A:VAL:H	17	0.27
(5,1509)	1:114:A:ILE:HG22	1:117:A:VAL:H	17	0.27
(5,1509)	1:114:A:ILE:HG23	1:117:A:VAL:H	17	0.27
(5,1492)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	4	0.27
(5,1492)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	4	0.27
(5,1492)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	4	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1492)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	4	0.27
(5,1492)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	4	0.27
(5,1492)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	4	0.27
(5,1433)	1:73:A:ILE:HG21	1:110:A:MET:H	13	0.27
(5,1433)	1:73:A:ILE:HG22	1:110:A:MET:H	13	0.27
(5,1433)	1:73:A:ILE:HG23	1:110:A:MET:H	13	0.27
(5,1405)	1:94:A:ALA:HA	1:95:A:ILE:HB	6	0.27
(5,1385)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	8	0.27
(5,1385)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	8	0.27
(5,1385)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	8	0.27
(5,1313)	1:18:A:PHE:HD1	1:131:A:LEU:HD21	1	0.27
(5,1313)	1:18:A:PHE:HD1	1:131:A:LEU:HD22	1	0.27
(5,1313)	1:18:A:PHE:HD1	1:131:A:LEU:HD23	1	0.27
(5,1313)	1:18:A:PHE:HD2	1:131:A:LEU:HD21	1	0.27
(5,1313)	1:18:A:PHE:HD2	1:131:A:LEU:HD22	1	0.27
(5,1313)	1:18:A:PHE:HD2	1:131:A:LEU:HD23	1	0.27
(5,1290)	1:44:A:GLU:HB2	1:45:A:ALA:HA	8	0.27
(5,1290)	1:44:A:GLU:HB3	1:45:A:ALA:HA	8	0.27
(5,1281)	1:114:A:ILE:HA	1:117:A:VAL:HG11	13	0.27
(5,1281)	1:114:A:ILE:HA	1:117:A:VAL:HG12	13	0.27
(5,1281)	1:114:A:ILE:HA	1:117:A:VAL:HG13	13	0.27
(5,1165)	1:13:A:ALA:HB1	1:80:A:TYR:HA	12	0.27
(5,1165)	1:13:A:ALA:HB2	1:80:A:TYR:HA	12	0.27
(5,1165)	1:13:A:ALA:HB3	1:80:A:TYR:HA	12	0.27
(5,1111)	1:116:A:GLN:HA	1:119:A:LEU:HD21	9	0.27
(5,1111)	1:116:A:GLN:HA	1:119:A:LEU:HD22	9	0.27
(5,1111)	1:116:A:GLN:HA	1:119:A:LEU:HD23	9	0.27
(5,1075)	1:54:A:ARG:HA	1:58:A:ILE:HB	9	0.27
(5,994)	1:35:A:LEU:HG	1:143:A:TRP:HB3	11	0.27
(5,933)	1:79:A:THR:HG21	1:81:A:GLU:HG2	15	0.27
(5,933)	1:79:A:THR:HG21	1:81:A:GLU:HG3	15	0.27
(5,933)	1:79:A:THR:HG22	1:81:A:GLU:HG2	15	0.27
(5,933)	1:79:A:THR:HG22	1:81:A:GLU:HG3	15	0.27
(5,933)	1:79:A:THR:HG23	1:81:A:GLU:HG2	15	0.27
(5,933)	1:79:A:THR:HG23	1:81:A:GLU:HG3	15	0.27
(5,932)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	19	0.27
(5,932)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	19	0.27
(5,932)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	19	0.27
(5,932)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	19	0.27
(5,840)	1:48:A:ARG:HA	1:48:A:ARG:HD2	6	0.27
(5,840)	1:48:A:ARG:HA	1:48:A:ARG:HD3	6	0.27
(5,781)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	1	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,781)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	1	0.27
(5,781)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	1	0.27
(5,781)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	1	0.27
(5,781)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	1	0.27
(5,781)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	1	0.27
(5,755)	1:32:A:GLY:HA2	1:34:A:LYS:H	9	0.27
(5,724)	1:76:A:ARG:HA	1:76:A:ARG:HE	3	0.27
(5,718)	1:54:A:ARG:HE	1:58:A:ILE:HD11	2	0.27
(5,718)	1:54:A:ARG:HE	1:58:A:ILE:HD12	2	0.27
(5,718)	1:54:A:ARG:HE	1:58:A:ILE:HD13	2	0.27
(5,694)	1:56:A:CYS:H	1:122:A:ASP:HB2	6	0.27
(5,670)	1:63:A:ILE:HG12	1:117:A:VAL:H	4	0.27
(5,624)	1:44:A:GLU:HA	1:48:A:ARG:H	15	0.27
(5,292)	1:128:A:LEU:HB3	1:129:A:LYS:H	16	0.27
(5,185)	1:44:A:GLU:H	1:44:A:GLU:HG3	2	0.27
(5,147)	1:67:A:PRO:HD3	1:95:A:ILE:H	8	0.27
(5,67)	1:44:A:GLU:HB2	1:45:A:ALA:H	16	0.27
(5,67)	1:44:A:GLU:HB3	1:45:A:ALA:H	16	0.27
(4,2455)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	14	0.27
(4,2455)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	14	0.27
(4,2455)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	14	0.27
(4,2455)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	14	0.27
(4,2455)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	14	0.27
(4,2455)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	14	0.27
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD11	5	0.27
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD12	5	0.27
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD13	5	0.27
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD21	5	0.27
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD22	5	0.27
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD23	5	0.27
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD11	17	0.27
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD12	17	0.27
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD13	17	0.27
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD21	17	0.27
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD22	17	0.27
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD23	17	0.27
(4,2391)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	4	0.27
(4,2391)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	4	0.27
(4,2391)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	4	0.27
(4,2391)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	4	0.27
(4,2391)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	4	0.27
(4,2391)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	4	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2332)	1:107:A:LEU:HD11	1:112:A:GLN:HA	6	0.27
(4,2332)	1:107:A:LEU:HD12	1:112:A:GLN:HA	6	0.27
(4,2332)	1:107:A:LEU:HD13	1:112:A:GLN:HA	6	0.27
(4,2332)	1:107:A:LEU:HD21	1:112:A:GLN:HA	6	0.27
(4,2332)	1:107:A:LEU:HD22	1:112:A:GLN:HA	6	0.27
(4,2332)	1:107:A:LEU:HD23	1:112:A:GLN:HA	6	0.27
(4,2289)	1:98:A:ILE:H	1:104:A:PHE:HB2	1	0.27
(4,2289)	1:98:A:ILE:H	1:104:A:PHE:HB3	1	0.27
(4,2280)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	7	0.27
(4,2280)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	7	0.27
(4,2280)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	7	0.27
(4,2280)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	7	0.27
(4,2280)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	7	0.27
(4,2280)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	7	0.27
(4,2280)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	7	0.27
(4,2280)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	7	0.27
(4,2280)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	7	0.27
(4,2280)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	7	0.27
(4,2280)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	7	0.27
(4,2280)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	7	0.27
(4,2261)	1:76:A:ARG:H	1:77:A:CYS:HB2	8	0.27
(4,2261)	1:76:A:ARG:H	1:77:A:CYS:HB3	8	0.27
(4,2199)	1:60:A:LEU:HD11	1:120:A:CYS:HA	19	0.27
(4,2199)	1:60:A:LEU:HD12	1:120:A:CYS:HA	19	0.27
(4,2199)	1:60:A:LEU:HD13	1:120:A:CYS:HA	19	0.27
(4,2199)	1:60:A:LEU:HD21	1:120:A:CYS:HA	19	0.27
(4,2199)	1:60:A:LEU:HD22	1:120:A:CYS:HA	19	0.27
(4,2199)	1:60:A:LEU:HD23	1:120:A:CYS:HA	19	0.27
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD11	3	0.27
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD12	3	0.27
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD13	3	0.27
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD21	3	0.27
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD22	3	0.27
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD23	3	0.27
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG11	6	0.27
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG12	6	0.27
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG13	6	0.27
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG21	6	0.27
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG22	6	0.27
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG23	6	0.27
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG11	6	0.27
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG12	6	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG13	6	0.27
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG21	6	0.27
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG22	6	0.27
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG23	6	0.27
(4,2104)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	8	0.27
(4,2104)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	8	0.27
(4,2104)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	8	0.27
(4,2104)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	8	0.27
(4,2104)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	8	0.27
(4,2104)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	8	0.27
(4,2104)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	8	0.27
(4,2104)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	8	0.27
(4,2104)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	8	0.27
(4,2104)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	8	0.27
(4,2104)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	8	0.27
(4,2104)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	8	0.27
(4,2079)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	4	0.27
(4,2079)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	4	0.27
(4,2079)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	4	0.27
(4,2079)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	4	0.27
(4,2079)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	4	0.27
(4,2079)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	4	0.27
(4,2012)	1:18:A:PHE:HB2	1:132:A:ALA:H	5	0.27
(4,2012)	1:18:A:PHE:HB3	1:132:A:ALA:H	5	0.27
(4,1926)	1:10:A:ASN:HD21	1:80:A:TYR:H	16	0.27
(4,1926)	1:10:A:ASN:HD22	1:80:A:TYR:H	16	0.27
(4,1886)	1:35:A:LEU:HG	1:80:A:TYR:HE1	3	0.27
(4,1886)	1:35:A:LEU:HG	1:80:A:TYR:HE2	3	0.27
(4,1884)	1:80:A:TYR:HE1	1:81:A:GLU:H	12	0.27
(4,1884)	1:80:A:TYR:HE2	1:81:A:GLU:H	12	0.27
(4,1854)	1:14:A:VAL:HA	1:18:A:PHE:HD1	14	0.27
(4,1854)	1:14:A:VAL:HA	1:18:A:PHE:HD2	14	0.27
(4,1843)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	2	0.27
(4,1843)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	2	0.27
(4,1838)	1:9:A:PHE:HE1	1:54:A:ARG:HE	14	0.27
(4,1838)	1:9:A:PHE:HE2	1:54:A:ARG:HE	14	0.27
(4,1833)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	15	0.27
(4,1833)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	18	0.27
(4,1824)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	7	0.27
(4,1824)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	7	0.27
(4,1806)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	6	0.27
(4,1806)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	6	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1798)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	8	0.27
(4,1798)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	8	0.27
(4,1681)	1:34:A:LYS:HA	1:35:A:LEU:HB3	2	0.27
(4,1681)	1:34:A:LYS:HA	1:35:A:LEU:HB3	19	0.27
(4,1625)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	15	0.27
(4,1625)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	15	0.27
(4,1625)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	15	0.27
(4,1625)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	15	0.27
(4,1625)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	15	0.27
(4,1625)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	15	0.27
(4,1550)	1:11:A:ILE:HD11	1:12:A:VAL:H	17	0.27
(4,1550)	1:11:A:ILE:HD12	1:12:A:VAL:H	17	0.27
(4,1550)	1:11:A:ILE:HD13	1:12:A:VAL:H	17	0.27
(4,1517)	1:76:A:ARG:HG2	1:110:A:MET:HE1	4	0.27
(4,1517)	1:76:A:ARG:HG2	1:110:A:MET:HE2	4	0.27
(4,1517)	1:76:A:ARG:HG2	1:110:A:MET:HE3	4	0.27
(4,1517)	1:76:A:ARG:HG3	1:110:A:MET:HE1	4	0.27
(4,1517)	1:76:A:ARG:HG3	1:110:A:MET:HE2	4	0.27
(4,1517)	1:76:A:ARG:HG3	1:110:A:MET:HE3	4	0.27
(4,1502)	1:110:A:MET:HE1	1:113:A:PHE:HE1	7	0.27
(4,1502)	1:110:A:MET:HE1	1:113:A:PHE:HE2	7	0.27
(4,1502)	1:110:A:MET:HE2	1:113:A:PHE:HE1	7	0.27
(4,1502)	1:110:A:MET:HE2	1:113:A:PHE:HE2	7	0.27
(4,1502)	1:110:A:MET:HE3	1:113:A:PHE:HE1	7	0.27
(4,1502)	1:110:A:MET:HE3	1:113:A:PHE:HE2	7	0.27
(4,1502)	1:110:A:MET:HE1	1:113:A:PHE:HE1	17	0.27
(4,1502)	1:110:A:MET:HE1	1:113:A:PHE:HE2	17	0.27
(4,1502)	1:110:A:MET:HE2	1:113:A:PHE:HE1	17	0.27
(4,1502)	1:110:A:MET:HE2	1:113:A:PHE:HE2	17	0.27
(4,1502)	1:110:A:MET:HE3	1:113:A:PHE:HE1	17	0.27
(4,1502)	1:110:A:MET:HE3	1:113:A:PHE:HE2	17	0.27
(4,1492)	1:15:A:ALA:HB1	1:43:A:MET:HE1	18	0.27
(4,1492)	1:15:A:ALA:HB1	1:43:A:MET:HE2	18	0.27
(4,1492)	1:15:A:ALA:HB1	1:43:A:MET:HE3	18	0.27
(4,1492)	1:15:A:ALA:HB2	1:43:A:MET:HE1	18	0.27
(4,1492)	1:15:A:ALA:HB2	1:43:A:MET:HE2	18	0.27
(4,1492)	1:15:A:ALA:HB2	1:43:A:MET:HE3	18	0.27
(4,1492)	1:15:A:ALA:HB3	1:43:A:MET:HE1	18	0.27
(4,1492)	1:15:A:ALA:HB3	1:43:A:MET:HE2	18	0.27
(4,1492)	1:15:A:ALA:HB3	1:43:A:MET:HE3	18	0.27
(4,1472)	1:114:A:ILE:HG21	1:117:A:VAL:H	17	0.27
(4,1472)	1:114:A:ILE:HG22	1:117:A:VAL:H	17	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1472)	1:114:A:ILE:HG23	1:117:A:VAL:H	17	0.27
(4,1457)	1:101:A:ILE:HG21	1:115:A:ALA:H	10	0.27
(4,1457)	1:101:A:ILE:HG22	1:115:A:ALA:H	10	0.27
(4,1457)	1:101:A:ILE:HG23	1:115:A:ALA:H	10	0.27
(4,1426)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	18	0.27
(4,1426)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	18	0.27
(4,1413)	1:119:A:LEU:HA	1:121:A:VAL:HG21	4	0.27
(4,1413)	1:119:A:LEU:HA	1:121:A:VAL:HG22	4	0.27
(4,1413)	1:119:A:LEU:HA	1:121:A:VAL:HG23	4	0.27
(4,1366)	1:94:A:ALA:HA	1:95:A:ILE:HB	6	0.27
(4,1318)	1:131:A:LEU:H	1:131:A:LEU:HD21	4	0.27
(4,1318)	1:131:A:LEU:H	1:131:A:LEU:HD22	4	0.27
(4,1318)	1:131:A:LEU:H	1:131:A:LEU:HD23	4	0.27
(4,1269)	1:128:A:LEU:HD21	1:129:A:LYS:H	15	0.27
(4,1269)	1:128:A:LEU:HD22	1:129:A:LYS:H	15	0.27
(4,1269)	1:128:A:LEU:HD23	1:129:A:LYS:H	15	0.27
(4,1247)	1:114:A:ILE:HA	1:117:A:VAL:HG11	13	0.27
(4,1247)	1:114:A:ILE:HA	1:117:A:VAL:HG12	13	0.27
(4,1247)	1:114:A:ILE:HA	1:117:A:VAL:HG13	13	0.27
(4,1190)	1:69:A:MET:HE1	1:110:A:MET:HA	17	0.27
(4,1190)	1:69:A:MET:HE2	1:110:A:MET:HA	17	0.27
(4,1190)	1:69:A:MET:HE3	1:110:A:MET:HA	17	0.27
(4,1168)	1:23:A:LEU:HD21	1:24:A:ASP:H	1	0.27
(4,1168)	1:23:A:LEU:HD22	1:24:A:ASP:H	1	0.27
(4,1168)	1:23:A:LEU:HD23	1:24:A:ASP:H	1	0.27
(4,1095)	1:116:A:GLN:HA	1:116:A:GLN:HG3	8	0.27
(4,1095)	1:116:A:GLN:HA	1:116:A:GLN:HG3	19	0.27
(4,1065)	1:48:A:ARG:HG2	1:49:A:LYS:HA	13	0.27
(4,1065)	1:48:A:ARG:HG3	1:49:A:LYS:HA	13	0.27
(4,1047)	1:140:A:LEU:H	1:140:A:LEU:HG	13	0.27
(4,982)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	10	0.27
(4,982)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	10	0.27
(4,982)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	10	0.27
(4,926)	1:79:A:THR:HG21	1:81:A:GLU:HG2	15	0.27
(4,926)	1:79:A:THR:HG21	1:81:A:GLU:HG3	15	0.27
(4,926)	1:79:A:THR:HG22	1:81:A:GLU:HG2	15	0.27
(4,926)	1:79:A:THR:HG22	1:81:A:GLU:HG3	15	0.27
(4,926)	1:79:A:THR:HG23	1:81:A:GLU:HG2	15	0.27
(4,926)	1:79:A:THR:HG23	1:81:A:GLU:HG3	15	0.27
(4,864)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	19	0.27
(4,864)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	19	0.27
(4,864)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	19	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,825)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	16	0.27
(4,825)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	16	0.27
(4,825)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	16	0.27
(4,825)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	16	0.27
(4,825)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	16	0.27
(4,825)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	16	0.27
(4,810)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	19	0.27
(4,810)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	19	0.27
(4,810)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	19	0.27
(4,808)	1:98:A:ILE:HD11	1:104:A:PHE:HD1	19	0.27
(4,808)	1:98:A:ILE:HD11	1:104:A:PHE:HD2	19	0.27
(4,808)	1:98:A:ILE:HD12	1:104:A:PHE:HD1	19	0.27
(4,808)	1:98:A:ILE:HD12	1:104:A:PHE:HD2	19	0.27
(4,808)	1:98:A:ILE:HD13	1:104:A:PHE:HD1	19	0.27
(4,808)	1:98:A:ILE:HD13	1:104:A:PHE:HD2	19	0.27
(4,793)	1:54:A:ARG:HE	1:58:A:ILE:HD11	7	0.27
(4,793)	1:54:A:ARG:HE	1:58:A:ILE:HD12	7	0.27
(4,793)	1:54:A:ARG:HE	1:58:A:ILE:HD13	7	0.27
(4,792)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	7	0.27
(4,792)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	7	0.27
(4,792)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	7	0.27
(4,788)	1:63:A:ILE:HD11	1:117:A:VAL:HB	8	0.27
(4,788)	1:63:A:ILE:HD12	1:117:A:VAL:HB	8	0.27
(4,788)	1:63:A:ILE:HD13	1:117:A:VAL:HB	8	0.27
(4,754)	1:126:A:GLY:HA2	1:129:A:LYS:HB2	2	0.27
(4,754)	1:126:A:GLY:HA2	1:129:A:LYS:HB3	2	0.27
(4,729)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	12	0.27
(4,616)	1:44:A:GLU:HA	1:48:A:ARG:H	15	0.27
(4,546)	1:124:A:THR:H	1:128:A:LEU:HD21	2	0.27
(4,546)	1:124:A:THR:H	1:128:A:LEU:HD22	2	0.27
(4,546)	1:124:A:THR:H	1:128:A:LEU:HD23	2	0.27
(4,347)	1:23:A:LEU:HB2	1:26:A:ASP:H	10	0.27
(4,347)	1:23:A:LEU:HB3	1:26:A:ASP:H	10	0.27
(4,171)	1:8:A:ASP:H	1:58:A:ILE:HG13	6	0.27
(4,118)	1:79:A:THR:H	1:80:A:TYR:H	1	0.27
(4,118)	1:79:A:THR:H	1:80:A:TYR:H	3	0.27
(4,118)	1:79:A:THR:H	1:80:A:TYR:H	15	0.27
(4,111)	1:21:A:THR:HB	1:22:A:ASP:H	16	0.27
(4,72)	1:44:A:GLU:HB2	1:45:A:ALA:H	16	0.27
(4,72)	1:44:A:GLU:HB3	1:45:A:ALA:H	16	0.27
(4,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	10	0.27
(3,2499)	1:140:A:LEU:HD11	1:144:A:LEU:H	15	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2499)	1:140:A:LEU:HD12	1:144:A:LEU:H	15	0.27
(3,2499)	1:140:A:LEU:HD13	1:144:A:LEU:H	15	0.27
(3,2499)	1:140:A:LEU:HD21	1:144:A:LEU:H	15	0.27
(3,2499)	1:140:A:LEU:HD22	1:144:A:LEU:H	15	0.27
(3,2499)	1:140:A:LEU:HD23	1:144:A:LEU:H	15	0.27
(3,2481)	1:139:A:LEU:HB2	1:140:A:LEU:HD11	4	0.27
(3,2481)	1:139:A:LEU:HB2	1:140:A:LEU:HD12	4	0.27
(3,2481)	1:139:A:LEU:HB2	1:140:A:LEU:HD13	4	0.27
(3,2481)	1:139:A:LEU:HB2	1:140:A:LEU:HD21	4	0.27
(3,2481)	1:139:A:LEU:HB2	1:140:A:LEU:HD22	4	0.27
(3,2481)	1:139:A:LEU:HB2	1:140:A:LEU:HD23	4	0.27
(3,2481)	1:139:A:LEU:HB3	1:140:A:LEU:HD11	4	0.27
(3,2481)	1:139:A:LEU:HB3	1:140:A:LEU:HD12	4	0.27
(3,2481)	1:139:A:LEU:HB3	1:140:A:LEU:HD13	4	0.27
(3,2481)	1:139:A:LEU:HB3	1:140:A:LEU:HD21	4	0.27
(3,2481)	1:139:A:LEU:HB3	1:140:A:LEU:HD22	4	0.27
(3,2481)	1:139:A:LEU:HB3	1:140:A:LEU:HD23	4	0.27
(3,2103)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	5	0.27
(3,2103)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	5	0.27
(3,2103)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	5	0.27
(3,2103)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	5	0.27
(3,2103)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	5	0.27
(3,2103)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	5	0.27
(3,2103)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	5	0.27
(3,2103)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	5	0.27
(3,2103)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	5	0.27
(3,2103)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	5	0.27
(3,2103)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	5	0.27
(3,2103)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	5	0.27
(3,2061)	1:22:A:ASP:H	1:23:A:LEU:HD11	3	0.27
(3,2061)	1:22:A:ASP:H	1:23:A:LEU:HD12	3	0.27
(3,2061)	1:22:A:ASP:H	1:23:A:LEU:HD13	3	0.27
(3,2061)	1:22:A:ASP:H	1:23:A:LEU:HD21	3	0.27
(3,2061)	1:22:A:ASP:H	1:23:A:LEU:HD22	3	0.27
(3,2061)	1:22:A:ASP:H	1:23:A:LEU:HD23	3	0.27
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG2	3	0.27
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG3	3	0.27
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG2	3	0.27
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG3	3	0.27
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG2	3	0.27
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG3	3	0.27
(3,1971)	1:10:A:ASN:HD21	1:80:A:TYR:H	16	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1971)	1:10:A:ASN:HD22	1:80:A:TYR:H	16	0.27
(3,1968)	1:10:A:ASN:HD21	1:12:A:VAL:HG11	5	0.27
(3,1968)	1:10:A:ASN:HD21	1:12:A:VAL:HG12	5	0.27
(3,1968)	1:10:A:ASN:HD21	1:12:A:VAL:HG13	5	0.27
(3,1968)	1:10:A:ASN:HD21	1:12:A:VAL:HG21	5	0.27
(3,1968)	1:10:A:ASN:HD21	1:12:A:VAL:HG22	5	0.27
(3,1968)	1:10:A:ASN:HD21	1:12:A:VAL:HG23	5	0.27
(3,1968)	1:10:A:ASN:HD22	1:12:A:VAL:HG11	5	0.27
(3,1968)	1:10:A:ASN:HD22	1:12:A:VAL:HG12	5	0.27
(3,1968)	1:10:A:ASN:HD22	1:12:A:VAL:HG13	5	0.27
(3,1968)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	5	0.27
(3,1968)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	5	0.27
(3,1968)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	5	0.27
(3,1946)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	16	0.27
(3,1946)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	16	0.27
(3,1946)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	16	0.27
(3,1937)	1:35:A:LEU:HG	1:80:A:TYR:HE1	11	0.27
(3,1937)	1:35:A:LEU:HG	1:80:A:TYR:HE2	11	0.27
(3,1929)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	13	0.27
(3,1929)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	13	0.27
(3,1929)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	13	0.27
(3,1929)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	13	0.27
(3,1913)	1:104:A:PHE:HE1	1:113:A:PHE:HA	16	0.27
(3,1913)	1:104:A:PHE:HE2	1:113:A:PHE:HA	16	0.27
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE1	1	0.27
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE2	1	0.27
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE1	17	0.27
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE2	17	0.27
(3,1895)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	2	0.27
(3,1895)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	2	0.27
(3,1878)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	19	0.27
(3,1878)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	19	0.27
(3,1876)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	7	0.27
(3,1876)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	7	0.27
(3,1873)	1:13:A:ALA:HA	1:80:A:TYR:HE1	19	0.27
(3,1873)	1:13:A:ALA:HA	1:80:A:TYR:HE2	19	0.27
(3,1847)	1:9:A:PHE:HZ	1:54:A:ARG:HE	10	0.27
(3,1819)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	1	0.27
(3,1819)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	1	0.27
(3,1819)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	1	0.27
(3,1819)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	1	0.27
(3,1819)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	1	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1819)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	1	0.27
(3,1798)	1:97:A:ASP:HA	1:105:A:LYS:HA	4	0.27
(3,1795)	1:39:A:VAL:HG21	1:144:A:LEU:H	2	0.27
(3,1795)	1:39:A:VAL:HG22	1:144:A:LEU:H	2	0.27
(3,1795)	1:39:A:VAL:HG23	1:144:A:LEU:H	2	0.27
(3,1734)	1:34:A:LYS:HA	1:35:A:LEU:HB3	2	0.27
(3,1734)	1:34:A:LYS:HA	1:35:A:LEU:HB3	19	0.27
(3,1701)	1:110:A:MET:HB3	1:111:A:GLU:HB2	17	0.27
(3,1701)	1:110:A:MET:HB3	1:111:A:GLU:HB3	17	0.27
(3,1681)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	15	0.27
(3,1681)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	15	0.27
(3,1681)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	15	0.27
(3,1681)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	15	0.27
(3,1681)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	15	0.27
(3,1681)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	15	0.27
(3,1623)	1:63:A:ILE:HG21	1:116:A:GLN:HE21	17	0.27
(3,1623)	1:63:A:ILE:HG22	1:116:A:GLN:HE21	17	0.27
(3,1623)	1:63:A:ILE:HG23	1:116:A:GLN:HE21	17	0.27
(3,1613)	1:101:A:ILE:HD11	1:112:A:GLN:HA	10	0.27
(3,1613)	1:101:A:ILE:HD12	1:112:A:GLN:HA	10	0.27
(3,1613)	1:101:A:ILE:HD13	1:112:A:GLN:HA	10	0.27
(3,1601)	1:11:A:ILE:HD11	1:12:A:VAL:H	17	0.27
(3,1601)	1:11:A:ILE:HD12	1:12:A:VAL:H	17	0.27
(3,1601)	1:11:A:ILE:HD13	1:12:A:VAL:H	17	0.27
(3,1598)	1:11:A:ILE:HD11	1:43:A:MET:H	7	0.27
(3,1598)	1:11:A:ILE:HD12	1:43:A:MET:H	7	0.27
(3,1598)	1:11:A:ILE:HD13	1:43:A:MET:H	7	0.27
(3,1598)	1:11:A:ILE:HD11	1:43:A:MET:H	16	0.27
(3,1598)	1:11:A:ILE:HD12	1:43:A:MET:H	16	0.27
(3,1598)	1:11:A:ILE:HD13	1:43:A:MET:H	16	0.27
(3,1580)	1:40:A:LEU:HD11	1:43:A:MET:H	14	0.27
(3,1580)	1:40:A:LEU:HD12	1:43:A:MET:H	14	0.27
(3,1580)	1:40:A:LEU:HD13	1:43:A:MET:H	14	0.27
(3,1535)	1:15:A:ALA:HB1	1:43:A:MET:HE1	18	0.27
(3,1535)	1:15:A:ALA:HB1	1:43:A:MET:HE2	18	0.27
(3,1535)	1:15:A:ALA:HB1	1:43:A:MET:HE3	18	0.27
(3,1535)	1:15:A:ALA:HB2	1:43:A:MET:HE1	18	0.27
(3,1535)	1:15:A:ALA:HB2	1:43:A:MET:HE2	18	0.27
(3,1535)	1:15:A:ALA:HB2	1:43:A:MET:HE3	18	0.27
(3,1535)	1:15:A:ALA:HB3	1:43:A:MET:HE1	18	0.27
(3,1535)	1:15:A:ALA:HB3	1:43:A:MET:HE2	18	0.27
(3,1535)	1:15:A:ALA:HB3	1:43:A:MET:HE3	18	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1506)	1:101:A:ILE:HG21	1:115:A:ALA:HA	12	0.27
(3,1506)	1:101:A:ILE:HG22	1:115:A:ALA:HA	12	0.27
(3,1506)	1:101:A:ILE:HG23	1:115:A:ALA:HA	12	0.27
(3,1502)	1:101:A:ILE:HG21	1:115:A:ALA:H	10	0.27
(3,1502)	1:101:A:ILE:HG22	1:115:A:ALA:H	10	0.27
(3,1502)	1:101:A:ILE:HG23	1:115:A:ALA:H	10	0.27
(3,1500)	1:45:A:ALA:HB1	1:48:A:ARG:HB2	1	0.27
(3,1500)	1:45:A:ALA:HB1	1:48:A:ARG:HB3	1	0.27
(3,1500)	1:45:A:ALA:HB2	1:48:A:ARG:HB2	1	0.27
(3,1500)	1:45:A:ALA:HB2	1:48:A:ARG:HB3	1	0.27
(3,1500)	1:45:A:ALA:HB3	1:48:A:ARG:HB2	1	0.27
(3,1500)	1:45:A:ALA:HB3	1:48:A:ARG:HB3	1	0.27
(3,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG21	4	0.27
(3,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG22	4	0.27
(3,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG23	4	0.27
(3,1437)	1:73:A:ILE:HG21	1:110:A:MET:H	13	0.27
(3,1437)	1:73:A:ILE:HG22	1:110:A:MET:H	13	0.27
(3,1437)	1:73:A:ILE:HG23	1:110:A:MET:H	13	0.27
(3,1362)	1:131:A:LEU:H	1:131:A:LEU:HD21	4	0.27
(3,1362)	1:131:A:LEU:H	1:131:A:LEU:HD22	4	0.27
(3,1362)	1:131:A:LEU:H	1:131:A:LEU:HD23	4	0.27
(3,1248)	1:144:A:LEU:HD21	1:145:A:PRO:HD2	4	0.27
(3,1248)	1:144:A:LEU:HD22	1:145:A:PRO:HD2	4	0.27
(3,1248)	1:144:A:LEU:HD23	1:145:A:PRO:HD2	4	0.27
(3,1248)	1:144:A:LEU:HD21	1:145:A:PRO:HD2	19	0.27
(3,1248)	1:144:A:LEU:HD22	1:145:A:PRO:HD2	19	0.27
(3,1248)	1:144:A:LEU:HD23	1:145:A:PRO:HD2	19	0.27
(3,1207)	1:23:A:LEU:H	1:23:A:LEU:HD21	10	0.27
(3,1207)	1:23:A:LEU:H	1:23:A:LEU:HD22	10	0.27
(3,1207)	1:23:A:LEU:H	1:23:A:LEU:HD23	10	0.27
(3,1132)	1:41:A:LYS:HA	1:44:A:GLU:HG2	9	0.27
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD11	4	0.27
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD12	4	0.27
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD13	4	0.27
(3,1028)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	1	0.27
(3,1028)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	1	0.27
(3,1028)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	1	0.27
(3,990)	1:47:A:ALA:HB1	1:134:A:VAL:HB	6	0.27
(3,990)	1:47:A:ALA:HB2	1:134:A:VAL:HB	6	0.27
(3,990)	1:47:A:ALA:HB3	1:134:A:VAL:HB	6	0.27
(3,990)	1:47:A:ALA:HB1	1:134:A:VAL:HB	7	0.27
(3,990)	1:47:A:ALA:HB2	1:134:A:VAL:HB	7	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,990)	1:47:A:ALA:HB3	1:134:A:VAL:HB	7	0.27
(3,969)	1:40:A:LEU:HA	1:43:A:MET:HG2	11	0.27
(3,948)	1:79:A:THR:HG21	1:81:A:GLU:HG2	15	0.27
(3,948)	1:79:A:THR:HG21	1:81:A:GLU:HG3	15	0.27
(3,948)	1:79:A:THR:HG22	1:81:A:GLU:HG2	15	0.27
(3,948)	1:79:A:THR:HG22	1:81:A:GLU:HG3	15	0.27
(3,948)	1:79:A:THR:HG23	1:81:A:GLU:HG2	15	0.27
(3,948)	1:79:A:THR:HG23	1:81:A:GLU:HG3	15	0.27
(3,911)	1:95:A:ILE:H	1:95:A:ILE:HB	10	0.27
(3,856)	1:48:A:ARG:H	1:48:A:ARG:HD2	11	0.27
(3,856)	1:48:A:ARG:H	1:48:A:ARG:HD3	11	0.27
(3,851)	1:45:A:ALA:HA	1:48:A:ARG:HD2	11	0.27
(3,851)	1:45:A:ALA:HA	1:48:A:ARG:HD3	11	0.27
(3,848)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	12	0.27
(3,848)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	12	0.27
(3,848)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	12	0.27
(3,848)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	12	0.27
(3,848)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	12	0.27
(3,848)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	12	0.27
(3,847)	1:69:A:MET:HE1	1:114:A:ILE:HD11	6	0.27
(3,847)	1:69:A:MET:HE1	1:114:A:ILE:HD12	6	0.27
(3,847)	1:69:A:MET:HE1	1:114:A:ILE:HD13	6	0.27
(3,847)	1:69:A:MET:HE2	1:114:A:ILE:HD11	6	0.27
(3,847)	1:69:A:MET:HE2	1:114:A:ILE:HD12	6	0.27
(3,847)	1:69:A:MET:HE2	1:114:A:ILE:HD13	6	0.27
(3,847)	1:69:A:MET:HE3	1:114:A:ILE:HD11	6	0.27
(3,847)	1:69:A:MET:HE3	1:114:A:ILE:HD12	6	0.27
(3,847)	1:69:A:MET:HE3	1:114:A:ILE:HD13	6	0.27
(3,844)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	16	0.27
(3,844)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	16	0.27
(3,844)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	16	0.27
(3,844)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	16	0.27
(3,844)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	16	0.27
(3,844)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	16	0.27
(3,777)	1:126:A:GLY:HA2	1:129:A:LYS:HB2	2	0.27
(3,777)	1:126:A:GLY:HA2	1:129:A:LYS:HB3	2	0.27
(3,755)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	12	0.27
(3,729)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	4	0.27
(3,729)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	4	0.27
(3,729)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	4	0.27
(3,727)	1:54:A:ARG:HE	1:58:A:ILE:HD11	2	0.27
(3,727)	1:54:A:ARG:HE	1:58:A:ILE:HD12	2	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,727)	1:54:A:ARG:HE	1:58:A:ILE:HD13	2	0.27
(3,715)	1:23:A:LEU:HD21	1:27:A:ARG:HE	18	0.27
(3,715)	1:23:A:LEU:HD22	1:27:A:ARG:HE	18	0.27
(3,715)	1:23:A:LEU:HD23	1:27:A:ARG:HE	18	0.27
(3,660)	1:66:A:THR:H	1:116:A:GLN:HE22	19	0.27
(3,657)	1:66:A:THR:H	1:70:A:LYS:H	13	0.27
(3,630)	1:44:A:GLU:HA	1:48:A:ARG:H	15	0.27
(3,491)	1:79:A:THR:H	1:79:A:THR:HG21	16	0.27
(3,491)	1:79:A:THR:H	1:79:A:THR:HG22	16	0.27
(3,491)	1:79:A:THR:H	1:79:A:THR:HG23	16	0.27
(3,362)	1:23:A:LEU:HB2	1:26:A:ASP:H	5	0.27
(3,362)	1:23:A:LEU:HB3	1:26:A:ASP:H	5	0.27
(3,343)	1:123:A:CYS:H	1:123:A:CYS:HB3	5	0.27
(2,2446)	1:139:A:LEU:HB2	1:140:A:LEU:HD11	4	0.27
(2,2446)	1:139:A:LEU:HB2	1:140:A:LEU:HD12	4	0.27
(2,2446)	1:139:A:LEU:HB2	1:140:A:LEU:HD13	4	0.27
(2,2446)	1:139:A:LEU:HB2	1:140:A:LEU:HD21	4	0.27
(2,2446)	1:139:A:LEU:HB2	1:140:A:LEU:HD22	4	0.27
(2,2446)	1:139:A:LEU:HB2	1:140:A:LEU:HD23	4	0.27
(2,2446)	1:139:A:LEU:HB3	1:140:A:LEU:HD11	4	0.27
(2,2446)	1:139:A:LEU:HB3	1:140:A:LEU:HD12	4	0.27
(2,2446)	1:139:A:LEU:HB3	1:140:A:LEU:HD13	4	0.27
(2,2446)	1:139:A:LEU:HB3	1:140:A:LEU:HD21	4	0.27
(2,2446)	1:139:A:LEU:HB3	1:140:A:LEU:HD22	4	0.27
(2,2446)	1:139:A:LEU:HB3	1:140:A:LEU:HD23	4	0.27
(2,2146)	1:40:A:LEU:HD11	1:44:A:GLU:HG2	15	0.27
(2,2146)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	15	0.27
(2,2146)	1:40:A:LEU:HD12	1:44:A:GLU:HG2	15	0.27
(2,2146)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	15	0.27
(2,2146)	1:40:A:LEU:HD13	1:44:A:GLU:HG2	15	0.27
(2,2146)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	15	0.27
(2,2146)	1:40:A:LEU:HD21	1:44:A:GLU:HG2	15	0.27
(2,2146)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	15	0.27
(2,2146)	1:40:A:LEU:HD22	1:44:A:GLU:HG2	15	0.27
(2,2146)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	15	0.27
(2,2146)	1:40:A:LEU:HD23	1:44:A:GLU:HG2	15	0.27
(2,2146)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	15	0.27
(2,2077)	1:31:A:PRO:HD2	1:143:A:TRP:HA	18	0.27
(2,2077)	1:31:A:PRO:HD3	1:143:A:TRP:HA	18	0.27
(2,2022)	1:15:A:ALA:H	1:17:A:ASN:HD21	4	0.27
(2,2022)	1:15:A:ALA:H	1:17:A:ASN:HD22	4	0.27
(2,1976)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	4	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1976)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	4	0.27
(2,1976)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	4	0.27
(2,1976)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	4	0.27
(2,1976)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	4	0.27
(2,1976)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	4	0.27
(2,1934)	1:80:A:TYR:HE1	1:81:A:GLU:H	12	0.27
(2,1934)	1:80:A:TYR:HE2	1:81:A:GLU:H	12	0.27
(2,1926)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	13	0.27
(2,1926)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	13	0.27
(2,1926)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	13	0.27
(2,1926)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	13	0.27
(2,1912)	1:104:A:PHE:HE1	1:113:A:PHE:HA	16	0.27
(2,1912)	1:104:A:PHE:HE2	1:113:A:PHE:HA	16	0.27
(2,1877)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	4	0.27
(2,1877)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	4	0.27
(2,1877)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	4	0.27
(2,1877)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	4	0.27
(2,1856)	1:139:A:LEU:HA	1:143:A:TRP:HD1	17	0.27
(2,1720)	1:34:A:LYS:HA	1:35:A:LEU:HB3	2	0.27
(2,1720)	1:34:A:LYS:HA	1:35:A:LEU:HB3	19	0.27
(2,1701)	1:69:A:MET:HA	1:109:A:PRO:HA	13	0.27
(2,1689)	1:110:A:MET:HB3	1:111:A:GLU:HB2	17	0.27
(2,1689)	1:110:A:MET:HB3	1:111:A:GLU:HB3	17	0.27
(2,1665)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	11	0.27
(2,1665)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	11	0.27
(2,1665)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	11	0.27
(2,1665)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	11	0.27
(2,1665)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	11	0.27
(2,1665)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	11	0.27
(2,1594)	1:101:A:ILE:HD11	1:112:A:GLN:HA	10	0.27
(2,1594)	1:101:A:ILE:HD12	1:112:A:GLN:HA	10	0.27
(2,1594)	1:101:A:ILE:HD13	1:112:A:GLN:HA	10	0.27
(2,1581)	1:11:A:ILE:HD11	1:12:A:VAL:H	17	0.27
(2,1581)	1:11:A:ILE:HD12	1:12:A:VAL:H	17	0.27
(2,1581)	1:11:A:ILE:HD13	1:12:A:VAL:H	17	0.27
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD11	18	0.27
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD12	18	0.27
(2,1553)	1:43:A:MET:HG3	1:144:A:LEU:HD13	18	0.27
(2,1522)	1:110:A:MET:HE1	1:113:A:PHE:HE1	10	0.27
(2,1522)	1:110:A:MET:HE1	1:113:A:PHE:HE2	10	0.27
(2,1522)	1:110:A:MET:HE2	1:113:A:PHE:HE1	10	0.27
(2,1522)	1:110:A:MET:HE2	1:113:A:PHE:HE2	10	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1522)	1:110:A:MET:HE3	1:113:A:PHE:HE1	10	0.27
(2,1522)	1:110:A:MET:HE3	1:113:A:PHE:HE2	10	0.27
(2,1513)	1:15:A:ALA:HB1	1:43:A:MET:HE1	18	0.27
(2,1513)	1:15:A:ALA:HB1	1:43:A:MET:HE2	18	0.27
(2,1513)	1:15:A:ALA:HB1	1:43:A:MET:HE3	18	0.27
(2,1513)	1:15:A:ALA:HB2	1:43:A:MET:HE1	18	0.27
(2,1513)	1:15:A:ALA:HB2	1:43:A:MET:HE2	18	0.27
(2,1513)	1:15:A:ALA:HB2	1:43:A:MET:HE3	18	0.27
(2,1513)	1:15:A:ALA:HB3	1:43:A:MET:HE1	18	0.27
(2,1513)	1:15:A:ALA:HB3	1:43:A:MET:HE2	18	0.27
(2,1513)	1:15:A:ALA:HB3	1:43:A:MET:HE3	18	0.27
(2,1495)	1:114:A:ILE:HG21	1:117:A:VAL:H	17	0.27
(2,1495)	1:114:A:ILE:HG22	1:117:A:VAL:H	17	0.27
(2,1495)	1:114:A:ILE:HG23	1:117:A:VAL:H	17	0.27
(2,1486)	1:101:A:ILE:HG21	1:115:A:ALA:HA	12	0.27
(2,1486)	1:101:A:ILE:HG22	1:115:A:ALA:HA	12	0.27
(2,1486)	1:101:A:ILE:HG23	1:115:A:ALA:HA	12	0.27
(2,1482)	1:101:A:ILE:HG21	1:115:A:ALA:H	10	0.27
(2,1482)	1:101:A:ILE:HG22	1:115:A:ALA:H	10	0.27
(2,1482)	1:101:A:ILE:HG23	1:115:A:ALA:H	10	0.27
(2,1438)	1:119:A:LEU:HA	1:121:A:VAL:HG21	4	0.27
(2,1438)	1:119:A:LEU:HA	1:121:A:VAL:HG22	4	0.27
(2,1438)	1:119:A:LEU:HA	1:121:A:VAL:HG23	4	0.27
(2,1401)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	18	0.27
(2,1401)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	18	0.27
(2,1401)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	18	0.27
(2,1389)	1:94:A:ALA:HA	1:95:A:ILE:HB	6	0.27
(2,1365)	1:118:A:ASP:HA	1:121:A:VAL:HG11	3	0.27
(2,1365)	1:118:A:ASP:HA	1:121:A:VAL:HG12	3	0.27
(2,1365)	1:118:A:ASP:HA	1:121:A:VAL:HG13	3	0.27
(2,1348)	1:125:A:THR:HG21	1:129:A:LYS:HB2	18	0.27
(2,1348)	1:125:A:THR:HG21	1:129:A:LYS:HB3	18	0.27
(2,1348)	1:125:A:THR:HG22	1:129:A:LYS:HB2	18	0.27
(2,1348)	1:125:A:THR:HG22	1:129:A:LYS:HB3	18	0.27
(2,1348)	1:125:A:THR:HG23	1:129:A:LYS:HB2	18	0.27
(2,1348)	1:125:A:THR:HG23	1:129:A:LYS:HB3	18	0.27
(2,1245)	1:37:A:LEU:HD11	1:38:A:GLU:HA	12	0.27
(2,1245)	1:37:A:LEU:HD12	1:38:A:GLU:HA	12	0.27
(2,1245)	1:37:A:LEU:HD13	1:38:A:GLU:HA	12	0.27
(2,1207)	1:69:A:MET:HE1	1:110:A:MET:HA	17	0.27
(2,1207)	1:69:A:MET:HE2	1:110:A:MET:HA	17	0.27
(2,1207)	1:69:A:MET:HE3	1:110:A:MET:HA	17	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1093)	1:116:A:GLN:HA	1:119:A:LEU:HD21	9	0.27
(2,1093)	1:116:A:GLN:HA	1:119:A:LEU:HD22	9	0.27
(2,1093)	1:116:A:GLN:HA	1:119:A:LEU:HD23	9	0.27
(2,940)	1:40:A:LEU:HA	1:43:A:MET:HG2	11	0.27
(2,919)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	19	0.27
(2,919)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	19	0.27
(2,919)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	19	0.27
(2,919)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	19	0.27
(2,836)	1:48:A:ARG:H	1:48:A:ARG:HD2	11	0.27
(2,836)	1:48:A:ARG:H	1:48:A:ARG:HD3	11	0.27
(2,825)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	16	0.27
(2,825)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	16	0.27
(2,825)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	16	0.27
(2,825)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	16	0.27
(2,825)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	16	0.27
(2,825)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	16	0.27
(2,759)	1:126:A:GLY:HA2	1:129:A:LYS:HB2	2	0.27
(2,759)	1:126:A:GLY:HA2	1:129:A:LYS:HB3	2	0.27
(2,756)	1:53:A:THR:H	1:53:A:THR:HG21	11	0.27
(2,756)	1:53:A:THR:H	1:53:A:THR:HG22	11	0.27
(2,756)	1:53:A:THR:H	1:53:A:THR:HG23	11	0.27
(2,716)	1:76:A:ARG:HA	1:76:A:ARG:HE	3	0.27
(2,622)	1:40:A:LEU:H	1:43:A:MET:HG3	17	0.27
(2,554)	1:124:A:THR:H	1:128:A:LEU:HD21	2	0.27
(2,554)	1:124:A:THR:H	1:128:A:LEU:HD22	2	0.27
(2,554)	1:124:A:THR:H	1:128:A:LEU:HD23	2	0.27
(2,431)	1:68:A:LYS:H	1:68:A:LYS:HE2	17	0.27
(2,431)	1:68:A:LYS:H	1:68:A:LYS:HE3	17	0.27
(2,368)	1:132:A:ALA:H	1:133:A:ASN:HD22	9	0.27
(2,357)	1:23:A:LEU:HB2	1:26:A:ASP:H	5	0.27
(2,357)	1:23:A:LEU:HB3	1:26:A:ASP:H	5	0.27
(2,338)	1:123:A:CYS:H	1:123:A:CYS:HB3	5	0.27
(2,236)	1:47:A:ALA:HB1	1:50:A:ALA:H	12	0.27
(2,236)	1:47:A:ALA:HB2	1:50:A:ALA:H	12	0.27
(2,236)	1:47:A:ALA:HB3	1:50:A:ALA:H	12	0.27
(2,155)	1:127:A:CYS:H	1:128:A:LEU:HG	10	0.27
(2,72)	1:54:A:ARG:H	1:54:A:ARG:HE	14	0.27
(2,13)	1:64:A:LYS:H	1:64:A:LYS:HD2	3	0.27
(2,13)	1:64:A:LYS:H	1:64:A:LYS:HD3	3	0.27
(1,2426)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	14	0.27
(1,2426)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	14	0.27
(1,2426)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	14	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2426)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	14	0.27
(1,2426)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	14	0.27
(1,2426)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	14	0.27
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG11	1	0.27
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG12	1	0.27
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG13	1	0.27
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG21	1	0.27
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG22	1	0.27
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG23	1	0.27
(1,2328)	1:113:A:PHE:HE1	1:114:A:ILE:HG12	13	0.27
(1,2328)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	13	0.27
(1,2328)	1:113:A:PHE:HE2	1:114:A:ILE:HG12	13	0.27
(1,2328)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	13	0.27
(1,2328)	1:113:A:PHE:HE1	1:114:A:ILE:HG12	14	0.27
(1,2328)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	14	0.27
(1,2328)	1:113:A:PHE:HE2	1:114:A:ILE:HG12	14	0.27
(1,2328)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	14	0.27
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	18	0.27
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	18	0.27
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	18	0.27
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	18	0.27
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	18	0.27
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	18	0.27
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD11	12	0.27
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD12	12	0.27
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD13	12	0.27
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD21	12	0.27
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD22	12	0.27
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD23	12	0.27
(1,2246)	1:76:A:ARG:H	1:77:A:CYS:HB2	8	0.27
(1,2246)	1:76:A:ARG:H	1:77:A:CYS:HB3	8	0.27
(1,2123)	1:40:A:LEU:HD11	1:43:A:MET:HB3	3	0.27
(1,2123)	1:40:A:LEU:HD12	1:43:A:MET:HB3	3	0.27
(1,2123)	1:40:A:LEU:HD13	1:43:A:MET:HB3	3	0.27
(1,2123)	1:40:A:LEU:HD21	1:43:A:MET:HB3	3	0.27
(1,2123)	1:40:A:LEU:HD22	1:43:A:MET:HB3	3	0.27
(1,2123)	1:40:A:LEU:HD23	1:43:A:MET:HB3	3	0.27
(1,2074)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	19	0.27
(1,2074)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	19	0.27
(1,2074)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	19	0.27
(1,2074)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	19	0.27
(1,2074)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	19	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2074)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	19	0.27
(1,2056)	1:31:A:PRO:HD2	1:143:A:TRP:HA	16	0.27
(1,2056)	1:31:A:PRO:HD3	1:143:A:TRP:HA	16	0.27
(1,2026)	1:23:A:LEU:HD11	1:25:A:ALA:H	4	0.27
(1,2026)	1:23:A:LEU:HD12	1:25:A:ALA:H	4	0.27
(1,2026)	1:23:A:LEU:HD13	1:25:A:ALA:H	4	0.27
(1,2026)	1:23:A:LEU:HD21	1:25:A:ALA:H	4	0.27
(1,2026)	1:23:A:LEU:HD22	1:25:A:ALA:H	4	0.27
(1,2026)	1:23:A:LEU:HD23	1:25:A:ALA:H	4	0.27
(1,2026)	1:23:A:LEU:HD11	1:25:A:ALA:H	15	0.27
(1,2026)	1:23:A:LEU:HD12	1:25:A:ALA:H	15	0.27
(1,2026)	1:23:A:LEU:HD13	1:25:A:ALA:H	15	0.27
(1,2026)	1:23:A:LEU:HD21	1:25:A:ALA:H	15	0.27
(1,2026)	1:23:A:LEU:HD22	1:25:A:ALA:H	15	0.27
(1,2026)	1:23:A:LEU:HD23	1:25:A:ALA:H	15	0.27
(1,1925)	1:80:A:TYR:HE1	1:81:A:GLU:H	12	0.27
(1,1925)	1:80:A:TYR:HE2	1:81:A:GLU:H	12	0.27
(1,1920)	1:150:A:THR:H	1:151:A:PHE:HD1	18	0.27
(1,1920)	1:150:A:THR:H	1:151:A:PHE:HD2	18	0.27
(1,1898)	1:104:A:PHE:HE1	1:105:A:LYS:H	11	0.27
(1,1898)	1:104:A:PHE:HE2	1:105:A:LYS:H	11	0.27
(1,1889)	1:18:A:PHE:HD1	1:131:A:LEU:HD21	1	0.27
(1,1889)	1:18:A:PHE:HD1	1:131:A:LEU:HD22	1	0.27
(1,1889)	1:18:A:PHE:HD1	1:131:A:LEU:HD23	1	0.27
(1,1889)	1:18:A:PHE:HD2	1:131:A:LEU:HD21	1	0.27
(1,1889)	1:18:A:PHE:HD2	1:131:A:LEU:HD22	1	0.27
(1,1889)	1:18:A:PHE:HD2	1:131:A:LEU:HD23	1	0.27
(1,1876)	1:18:A:PHE:HD1	1:113:A:PHE:HE1	14	0.27
(1,1876)	1:18:A:PHE:HD1	1:113:A:PHE:HE2	14	0.27
(1,1876)	1:18:A:PHE:HD2	1:113:A:PHE:HE1	14	0.27
(1,1876)	1:18:A:PHE:HD2	1:113:A:PHE:HE2	14	0.27
(1,1865)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	19	0.27
(1,1865)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	19	0.27
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	15	0.27
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	15	0.27
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	15	0.27
(1,1798)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	16	0.27
(1,1798)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	16	0.27
(1,1798)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	16	0.27
(1,1798)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	16	0.27
(1,1709)	1:43:A:MET:HE1	1:131:A:LEU:HA	17	0.27
(1,1709)	1:43:A:MET:HE2	1:131:A:LEU:HA	17	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1709)	1:43:A:MET:HE3	1:131:A:LEU:HA	17	0.27
(1,1659)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	15	0.27
(1,1659)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	15	0.27
(1,1659)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	15	0.27
(1,1659)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	15	0.27
(1,1659)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	15	0.27
(1,1659)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	15	0.27
(1,1640)	1:79:A:THR:H	1:80:A:TYR:HA	10	0.27
(1,1639)	1:13:A:ALA:HA	1:80:A:TYR:HB3	14	0.27
(1,1581)	1:11:A:ILE:HD11	1:12:A:VAL:H	17	0.27
(1,1581)	1:11:A:ILE:HD12	1:12:A:VAL:H	17	0.27
(1,1581)	1:11:A:ILE:HD13	1:12:A:VAL:H	17	0.27
(1,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE1	4	0.27
(1,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE2	4	0.27
(1,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE3	4	0.27
(1,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE1	4	0.27
(1,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE2	4	0.27
(1,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE3	4	0.27
(1,1542)	1:110:A:MET:HE1	1:114:A:ILE:HA	7	0.27
(1,1542)	1:110:A:MET:HE2	1:114:A:ILE:HA	7	0.27
(1,1542)	1:110:A:MET:HE3	1:114:A:ILE:HA	7	0.27
(1,1542)	1:110:A:MET:HE1	1:114:A:ILE:HA	9	0.27
(1,1542)	1:110:A:MET:HE2	1:114:A:ILE:HA	9	0.27
(1,1542)	1:110:A:MET:HE3	1:114:A:ILE:HA	9	0.27
(1,1542)	1:110:A:MET:HE1	1:114:A:ILE:HA	18	0.27
(1,1542)	1:110:A:MET:HE2	1:114:A:ILE:HA	18	0.27
(1,1542)	1:110:A:MET:HE3	1:114:A:ILE:HA	18	0.27
(1,1534)	1:110:A:MET:HE1	1:113:A:PHE:HE1	7	0.27
(1,1534)	1:110:A:MET:HE1	1:113:A:PHE:HE2	7	0.27
(1,1534)	1:110:A:MET:HE2	1:113:A:PHE:HE1	7	0.27
(1,1534)	1:110:A:MET:HE2	1:113:A:PHE:HE2	7	0.27
(1,1534)	1:110:A:MET:HE3	1:113:A:PHE:HE1	7	0.27
(1,1534)	1:110:A:MET:HE3	1:113:A:PHE:HE2	7	0.27
(1,1534)	1:110:A:MET:HE1	1:113:A:PHE:HE1	17	0.27
(1,1534)	1:110:A:MET:HE1	1:113:A:PHE:HE2	17	0.27
(1,1534)	1:110:A:MET:HE2	1:113:A:PHE:HE1	17	0.27
(1,1534)	1:110:A:MET:HE2	1:113:A:PHE:HE2	17	0.27
(1,1534)	1:110:A:MET:HE3	1:113:A:PHE:HE1	17	0.27
(1,1534)	1:110:A:MET:HE3	1:113:A:PHE:HE2	17	0.27
(1,1525)	1:15:A:ALA:HB1	1:43:A:MET:HE1	18	0.27
(1,1525)	1:15:A:ALA:HB1	1:43:A:MET:HE2	18	0.27
(1,1525)	1:15:A:ALA:HB1	1:43:A:MET:HE3	18	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1525)	1:15:A:ALA:HB2	1:43:A:MET:HE1	18	0.27
(1,1525)	1:15:A:ALA:HB2	1:43:A:MET:HE2	18	0.27
(1,1525)	1:15:A:ALA:HB2	1:43:A:MET:HE3	18	0.27
(1,1525)	1:15:A:ALA:HB3	1:43:A:MET:HE1	18	0.27
(1,1525)	1:15:A:ALA:HB3	1:43:A:MET:HE2	18	0.27
(1,1525)	1:15:A:ALA:HB3	1:43:A:MET:HE3	18	0.27
(1,1524)	1:98:A:ILE:HG21	1:119:A:LEU:HG	15	0.27
(1,1524)	1:98:A:ILE:HG22	1:119:A:LEU:HG	15	0.27
(1,1524)	1:98:A:ILE:HG23	1:119:A:LEU:HG	15	0.27
(1,1500)	1:114:A:ILE:HG21	1:117:A:VAL:H	17	0.27
(1,1500)	1:114:A:ILE:HG22	1:117:A:VAL:H	17	0.27
(1,1500)	1:114:A:ILE:HG23	1:117:A:VAL:H	17	0.27
(1,1484)	1:101:A:ILE:HG21	1:115:A:ALA:H	10	0.27
(1,1484)	1:101:A:ILE:HG22	1:115:A:ALA:H	10	0.27
(1,1484)	1:101:A:ILE:HG23	1:115:A:ALA:H	10	0.27
(1,1420)	1:73:A:ILE:HG21	1:110:A:MET:H	13	0.27
(1,1420)	1:73:A:ILE:HG22	1:110:A:MET:H	13	0.27
(1,1420)	1:73:A:ILE:HG23	1:110:A:MET:H	13	0.27
(1,1345)	1:125:A:THR:HG21	1:128:A:LEU:HB2	3	0.27
(1,1345)	1:125:A:THR:HG22	1:128:A:LEU:HB2	3	0.27
(1,1345)	1:125:A:THR:HG23	1:128:A:LEU:HB2	3	0.27
(1,1275)	1:114:A:ILE:HA	1:117:A:VAL:HG11	13	0.27
(1,1275)	1:114:A:ILE:HA	1:117:A:VAL:HG12	13	0.27
(1,1275)	1:114:A:ILE:HA	1:117:A:VAL:HG13	13	0.27
(1,1248)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	13	0.27
(1,1248)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	13	0.27
(1,1248)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	13	0.27
(1,1248)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	13	0.27
(1,1248)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	13	0.27
(1,1248)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	13	0.27
(1,1239)	1:39:A:VAL:H	1:139:A:LEU:HD21	16	0.27
(1,1239)	1:39:A:VAL:H	1:139:A:LEU:HD22	16	0.27
(1,1239)	1:39:A:VAL:H	1:139:A:LEU:HD23	16	0.27
(1,1219)	1:11:A:ILE:HD11	1:131:A:LEU:HA	11	0.27
(1,1219)	1:11:A:ILE:HD12	1:131:A:LEU:HA	11	0.27
(1,1219)	1:11:A:ILE:HD13	1:131:A:LEU:HA	11	0.27
(1,1112)	1:116:A:GLN:HA	1:119:A:LEU:HD21	9	0.27
(1,1112)	1:116:A:GLN:HA	1:119:A:LEU:HD22	9	0.27
(1,1112)	1:116:A:GLN:HA	1:119:A:LEU:HD23	9	0.27
(1,1013)	1:12:A:VAL:HB	1:43:A:MET:HE1	14	0.27
(1,1013)	1:12:A:VAL:HB	1:43:A:MET:HE2	14	0.27
(1,1013)	1:12:A:VAL:HB	1:43:A:MET:HE3	14	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,973)	1:12:A:VAL:HA	1:43:A:MET:HG2	18	0.27
(1,952)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	19	0.27
(1,952)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	19	0.27
(1,952)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	19	0.27
(1,952)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	19	0.27
(1,939)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	18	0.27
(1,939)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	18	0.27
(1,939)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	18	0.27
(1,938)	1:41:A:LYS:HA	1:44:A:GLU:HG3	9	0.27
(1,856)	1:48:A:ARG:H	1:48:A:ARG:HD2	11	0.27
(1,856)	1:48:A:ARG:H	1:48:A:ARG:HD3	11	0.27
(1,813)	1:8:A:ASP:H	1:58:A:ILE:HD11	12	0.27
(1,813)	1:8:A:ASP:H	1:58:A:ILE:HD12	12	0.27
(1,813)	1:8:A:ASP:H	1:58:A:ILE:HD13	12	0.27
(1,809)	1:63:A:ILE:HD11	1:117:A:VAL:HB	8	0.27
(1,809)	1:63:A:ILE:HD12	1:117:A:VAL:HB	8	0.27
(1,809)	1:63:A:ILE:HD13	1:117:A:VAL:HB	8	0.27
(1,778)	1:126:A:GLY:HA2	1:129:A:LYS:HB2	2	0.27
(1,778)	1:126:A:GLY:HA2	1:129:A:LYS:HB3	2	0.27
(1,774)	1:53:A:THR:H	1:53:A:THR:HG21	11	0.27
(1,774)	1:53:A:THR:H	1:53:A:THR:HG22	11	0.27
(1,774)	1:53:A:THR:H	1:53:A:THR:HG23	11	0.27
(1,737)	1:46:A:ASN:HA	1:50:A:ALA:H	17	0.27
(1,732)	1:76:A:ARG:HA	1:76:A:ARG:HE	3	0.27
(1,725)	1:54:A:ARG:HE	1:58:A:ILE:HD11	2	0.27
(1,725)	1:54:A:ARG:HE	1:58:A:ILE:HD12	2	0.27
(1,725)	1:54:A:ARG:HE	1:58:A:ILE:HD13	2	0.27
(1,621)	1:23:A:LEU:HD21	1:25:A:ALA:H	3	0.27
(1,621)	1:23:A:LEU:HD22	1:25:A:ALA:H	3	0.27
(1,621)	1:23:A:LEU:HD23	1:25:A:ALA:H	3	0.27
(1,357)	1:104:A:PHE:H	1:104:A:PHE:HD1	4	0.27
(1,357)	1:104:A:PHE:H	1:104:A:PHE:HD2	4	0.27
(1,346)	1:123:A:CYS:H	1:123:A:CYS:HB3	5	0.27
(1,169)	1:50:A:ALA:HB1	1:127:A:CYS:H	7	0.27
(1,169)	1:50:A:ALA:HB2	1:127:A:CYS:H	7	0.27
(1,169)	1:50:A:ALA:HB3	1:127:A:CYS:H	7	0.27
(1,169)	1:50:A:ALA:HB1	1:127:A:CYS:H	10	0.27
(1,169)	1:50:A:ALA:HB2	1:127:A:CYS:H	10	0.27
(1,169)	1:50:A:ALA:HB3	1:127:A:CYS:H	10	0.27
(1,169)	1:50:A:ALA:HB1	1:127:A:CYS:H	18	0.27
(1,169)	1:50:A:ALA:HB2	1:127:A:CYS:H	18	0.27
(1,169)	1:50:A:ALA:HB3	1:127:A:CYS:H	18	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,113)	1:69:A:MET:H	1:69:A:MET:HE1	6	0.27
(1,113)	1:69:A:MET:H	1:69:A:MET:HE2	6	0.27
(1,113)	1:69:A:MET:H	1:69:A:MET:HE3	6	0.27
(1,58)	1:98:A:ILE:H	1:101:A:ILE:HG13	10	0.27
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	6	0.26
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	6	0.26
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	6	0.26
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	6	0.26
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	6	0.26
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	6	0.26
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	6	0.26
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	6	0.26
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	6	0.26
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	6	0.26
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	6	0.26
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	6	0.26
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	6	0.26
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	6	0.26
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	6	0.26
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	6	0.26
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	6	0.26
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	6	0.26
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG11	3	0.26
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG12	3	0.26
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG13	3	0.26
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG21	3	0.26
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG22	3	0.26
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG23	3	0.26
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD11	3	0.26
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD12	3	0.26
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD13	3	0.26
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD21	3	0.26
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD22	3	0.26
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD23	3	0.26
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	11	0.26
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	11	0.26
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	11	0.26
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	11	0.26
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	11	0.26
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	11	0.26
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	11	0.26
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	11	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	11	0.26
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	11	0.26
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	11	0.26
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	11	0.26
(34,2135)	1:40:A:LEU:HD11	1:41:A:LYS:HA	18	0.26
(34,2135)	1:40:A:LEU:HD12	1:41:A:LYS:HA	18	0.26
(34,2135)	1:40:A:LEU:HD13	1:41:A:LYS:HA	18	0.26
(34,2135)	1:40:A:LEU:HD21	1:41:A:LYS:HA	18	0.26
(34,2135)	1:40:A:LEU:HD22	1:41:A:LYS:HA	18	0.26
(34,2135)	1:40:A:LEU:HD23	1:41:A:LYS:HA	18	0.26
(34,2109)	1:39:A:VAL:HA	1:139:A:LEU:HD11	4	0.26
(34,2109)	1:39:A:VAL:HA	1:139:A:LEU:HD12	4	0.26
(34,2109)	1:39:A:VAL:HA	1:139:A:LEU:HD13	4	0.26
(34,2109)	1:39:A:VAL:HA	1:139:A:LEU:HD21	4	0.26
(34,2109)	1:39:A:VAL:HA	1:139:A:LEU:HD22	4	0.26
(34,2109)	1:39:A:VAL:HA	1:139:A:LEU:HD23	4	0.26
(34,2026)	1:18:A:PHE:HB2	1:132:A:ALA:HA	12	0.26
(34,2026)	1:18:A:PHE:HB3	1:132:A:ALA:HA	12	0.26
(34,1980)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	1	0.26
(34,1980)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	1	0.26
(34,1980)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	1	0.26
(34,1980)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	1	0.26
(34,1980)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	1	0.26
(34,1980)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	1	0.26
(34,1980)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	1	0.26
(34,1980)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	1	0.26
(34,1980)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	1	0.26
(34,1980)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	1	0.26
(34,1980)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	1	0.26
(34,1980)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	1	0.26
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	12	0.26
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	12	0.26
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	12	0.26
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	12	0.26
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	12	0.26
(34,1955)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	12	0.26
(34,1935)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	14	0.26
(34,1935)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	14	0.26
(34,1923)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	11	0.26
(34,1911)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	3	0.26
(34,1911)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	3	0.26
(34,1911)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	13	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1911)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	13	0.26
(34,1863)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	3	0.26
(34,1863)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	3	0.26
(34,1827)	1:71:A:LYS:HD2	1:72:A:PHE:HE1	5	0.26
(34,1827)	1:71:A:LYS:HD2	1:72:A:PHE:HE2	5	0.26
(34,1827)	1:71:A:LYS:HD3	1:72:A:PHE:HE1	5	0.26
(34,1827)	1:71:A:LYS:HD3	1:72:A:PHE:HE2	5	0.26
(34,1813)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	12	0.26
(34,1813)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	12	0.26
(34,1813)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	12	0.26
(34,1813)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	12	0.26
(34,1808)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	6	0.26
(34,1808)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	6	0.26
(34,1808)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	6	0.26
(34,1808)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	6	0.26
(34,1804)	1:13:A:ALA:HA	1:80:A:TYR:HD1	19	0.26
(34,1804)	1:13:A:ALA:HA	1:80:A:TYR:HD2	19	0.26
(34,1798)	1:80:A:TYR:HD1	1:81:A:GLU:HA	12	0.26
(34,1798)	1:80:A:TYR:HD2	1:81:A:GLU:HA	12	0.26
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE1	19	0.26
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE2	19	0.26
(34,1709)	1:31:A:PRO:HD2	1:43:A:MET:HE3	19	0.26
(34,1595)	1:54:A:ARG:HE	1:58:A:ILE:HD11	4	0.26
(34,1595)	1:54:A:ARG:HE	1:58:A:ILE:HD12	4	0.26
(34,1595)	1:54:A:ARG:HE	1:58:A:ILE:HD13	4	0.26
(34,1554)	1:110:A:MET:HE1	1:114:A:ILE:HG12	13	0.26
(34,1554)	1:110:A:MET:HE2	1:114:A:ILE:HG12	13	0.26
(34,1554)	1:110:A:MET:HE3	1:114:A:ILE:HG12	13	0.26
(34,1526)	1:98:A:ILE:HG21	1:101:A:ILE:HB	5	0.26
(34,1526)	1:98:A:ILE:HG22	1:101:A:ILE:HB	5	0.26
(34,1526)	1:98:A:ILE:HG23	1:101:A:ILE:HB	5	0.26
(34,1503)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	4	0.26
(34,1503)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	4	0.26
(34,1503)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	4	0.26
(34,1503)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	4	0.26
(34,1503)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	4	0.26
(34,1503)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	4	0.26
(34,1495)	1:101:A:ILE:HG21	1:116:A:GLN:H	8	0.26
(34,1495)	1:101:A:ILE:HG22	1:116:A:GLN:H	8	0.26
(34,1495)	1:101:A:ILE:HG23	1:116:A:GLN:H	8	0.26
(34,1484)	1:67:A:PRO:HD3	1:95:A:ILE:HA	5	0.26
(34,1306)	1:45:A:ALA:HA	1:48:A:ARG:HB2	17	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1306)	1:45:A:ALA:HA	1:48:A:ARG:HB3	17	0.26
(34,1246)	1:110:A:MET:HA	1:113:A:PHE:HB2	10	0.26
(34,1238)	1:69:A:MET:HE1	1:110:A:MET:HA	3	0.26
(34,1238)	1:69:A:MET:HE2	1:110:A:MET:HA	3	0.26
(34,1238)	1:69:A:MET:HE3	1:110:A:MET:HA	3	0.26
(34,1202)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	1	0.26
(34,1202)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	1	0.26
(34,1202)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	1	0.26
(34,1186)	1:150:A:THR:HG21	1:151:A:PHE:HA	11	0.26
(34,1186)	1:150:A:THR:HG22	1:151:A:PHE:HA	11	0.26
(34,1186)	1:150:A:THR:HG23	1:151:A:PHE:HA	11	0.26
(34,1166)	1:70:A:LYS:HA	1:70:A:LYS:HG2	3	0.26
(34,1166)	1:70:A:LYS:HA	1:70:A:LYS:HG2	10	0.26
(34,1155)	1:57:A:LEU:HG	1:60:A:LEU:HD11	13	0.26
(34,1155)	1:57:A:LEU:HG	1:60:A:LEU:HD12	13	0.26
(34,1155)	1:57:A:LEU:HG	1:60:A:LEU:HD13	13	0.26
(34,1121)	1:68:A:LYS:HA	1:72:A:PHE:HD1	5	0.26
(34,1121)	1:68:A:LYS:HA	1:72:A:PHE:HD2	5	0.26
(34,1044)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	6	0.26
(34,1044)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	6	0.26
(34,1044)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	6	0.26
(34,1044)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	6	0.26
(34,1044)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	9	0.26
(34,1044)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	9	0.26
(34,1044)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	9	0.26
(34,1044)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	9	0.26
(34,1041)	1:34:A:LYS:H	1:81:A:GLU:HB2	10	0.26
(34,1019)	1:143:A:TRP:HB3	1:144:A:LEU:HD21	10	0.26
(34,1019)	1:143:A:TRP:HB3	1:144:A:LEU:HD22	10	0.26
(34,1019)	1:143:A:TRP:HB3	1:144:A:LEU:HD23	10	0.26
(34,1019)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	10	0.26
(34,1019)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	10	0.26
(34,1019)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	10	0.26
(34,1002)	1:47:A:ALA:HB1	1:134:A:VAL:HB	5	0.26
(34,1002)	1:47:A:ALA:HB2	1:134:A:VAL:HB	5	0.26
(34,1002)	1:47:A:ALA:HB3	1:134:A:VAL:HB	5	0.26
(34,939)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	5	0.26
(34,939)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	5	0.26
(34,939)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	5	0.26
(34,911)	1:94:A:ALA:HA	1:95:A:ILE:HB	7	0.26
(34,911)	1:94:A:ALA:HA	1:95:A:ILE:HB	12	0.26
(34,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	3	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	3	0.26
(34,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	3	0.26
(34,851)	1:68:A:LYS:HA	1:68:A:LYS:HE2	6	0.26
(34,851)	1:68:A:LYS:HA	1:68:A:LYS:HE3	6	0.26
(34,834)	1:114:A:ILE:HD11	1:115:A:ALA:H	15	0.26
(34,834)	1:114:A:ILE:HD12	1:115:A:ALA:H	15	0.26
(34,834)	1:114:A:ILE:HD13	1:115:A:ALA:H	15	0.26
(34,784)	1:101:A:ILE:HD11	1:116:A:GLN:HA	19	0.26
(34,784)	1:101:A:ILE:HD12	1:116:A:GLN:HA	19	0.26
(34,784)	1:101:A:ILE:HD13	1:116:A:GLN:HA	19	0.26
(34,771)	1:69:A:MET:HG2	1:73:A:ILE:HD11	17	0.26
(34,771)	1:69:A:MET:HG2	1:73:A:ILE:HD12	17	0.26
(34,771)	1:69:A:MET:HG2	1:73:A:ILE:HD13	17	0.26
(34,727)	1:9:A:PHE:HD1	1:54:A:ARG:HE	17	0.26
(34,727)	1:9:A:PHE:HD2	1:54:A:ARG:HE	17	0.26
(34,722)	1:44:A:GLU:HG2	1:48:A:ARG:HE	9	0.26
(34,722)	1:44:A:GLU:HG3	1:48:A:ARG:HE	9	0.26
(34,599)	1:70:A:LYS:HB2	1:75:A:GLY:H	8	0.26
(34,599)	1:70:A:LYS:HB3	1:75:A:GLY:H	8	0.26
(34,565)	1:73:A:ILE:HD11	1:110:A:MET:H	3	0.26
(34,565)	1:73:A:ILE:HD12	1:110:A:MET:H	3	0.26
(34,565)	1:73:A:ILE:HD13	1:110:A:MET:H	3	0.26
(34,552)	1:60:A:LEU:HD21	1:61:A:SER:H	19	0.26
(34,552)	1:60:A:LEU:HD22	1:61:A:SER:H	19	0.26
(34,552)	1:60:A:LEU:HD23	1:61:A:SER:H	19	0.26
(34,354)	1:122:A:ASP:HB3	1:123:A:CYS:H	10	0.26
(34,242)	1:50:A:ALA:H	1:52:A:CYS:H	14	0.26
(34,239)	1:11:A:ILE:HB	1:44:A:GLU:H	16	0.26
(34,162)	1:50:A:ALA:HB1	1:127:A:CYS:H	13	0.26
(34,162)	1:50:A:ALA:HB2	1:127:A:CYS:H	13	0.26
(34,162)	1:50:A:ALA:HB3	1:127:A:CYS:H	13	0.26
(34,130)	1:46:A:ASN:HB3	1:49:A:LYS:H	9	0.26
(34,111)	1:69:A:MET:H	1:70:A:LYS:HG2	11	0.26
(34,48)	1:44:A:GLU:HG3	1:47:A:ALA:H	16	0.26
(33,2496)	1:144:A:LEU:HD11	1:147:A:ARG:H	2	0.26
(33,2496)	1:144:A:LEU:HD12	1:147:A:ARG:H	2	0.26
(33,2496)	1:144:A:LEU:HD13	1:147:A:ARG:H	2	0.26
(33,2496)	1:144:A:LEU:HD21	1:147:A:ARG:H	2	0.26
(33,2496)	1:144:A:LEU:HD22	1:147:A:ARG:H	2	0.26
(33,2496)	1:144:A:LEU:HD23	1:147:A:ARG:H	2	0.26
(33,2403)	1:123:A:CYS:H	1:128:A:LEU:HD11	19	0.26
(33,2403)	1:123:A:CYS:H	1:128:A:LEU:HD12	19	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2403)	1:123:A:CYS:H	1:128:A:LEU:HD13	19	0.26
(33,2403)	1:123:A:CYS:H	1:128:A:LEU:HD21	19	0.26
(33,2403)	1:123:A:CYS:H	1:128:A:LEU:HD22	19	0.26
(33,2403)	1:123:A:CYS:H	1:128:A:LEU:HD23	19	0.26
(33,2255)	1:69:A:MET:HG2	1:109:A:PRO:HA	17	0.26
(33,2255)	1:69:A:MET:HG3	1:109:A:PRO:HA	17	0.26
(33,2248)	1:69:A:MET:H	1:70:A:LYS:HG2	14	0.26
(33,2248)	1:69:A:MET:H	1:70:A:LYS:HG3	14	0.26
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG11	6	0.26
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG12	6	0.26
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG13	6	0.26
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG21	6	0.26
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG22	6	0.26
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG23	6	0.26
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG11	6	0.26
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG12	6	0.26
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG13	6	0.26
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG21	6	0.26
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG22	6	0.26
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG23	6	0.26
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG11	6	0.26
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG12	6	0.26
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG13	6	0.26
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG21	6	0.26
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG22	6	0.26
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG23	6	0.26
(33,2040)	1:23:A:LEU:HD11	1:26:A:ASP:HA	9	0.26
(33,2040)	1:23:A:LEU:HD12	1:26:A:ASP:HA	9	0.26
(33,2040)	1:23:A:LEU:HD13	1:26:A:ASP:HA	9	0.26
(33,2040)	1:23:A:LEU:HD21	1:26:A:ASP:HA	9	0.26
(33,2040)	1:23:A:LEU:HD22	1:26:A:ASP:HA	9	0.26
(33,2040)	1:23:A:LEU:HD23	1:26:A:ASP:HA	9	0.26
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	18	0.26
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	18	0.26
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	18	0.26
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD21	18	0.26
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD22	18	0.26
(33,1954)	1:11:A:ILE:HG13	1:40:A:LEU:HD23	18	0.26
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	10	0.26
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	10	0.26
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	10	0.26
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	10	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	10	0.26
(33,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	10	0.26
(33,1921)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	3	0.26
(33,1921)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	3	0.26
(33,1916)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	11	0.26
(33,1916)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	11	0.26
(33,1901)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	11	0.26
(33,1901)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	11	0.26
(33,1853)	1:9:A:PHE:HZ	1:11:A:ILE:HA	16	0.26
(33,1851)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	3	0.26
(33,1851)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	3	0.26
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	8	0.26
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	8	0.26
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	8	0.26
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	11	0.26
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	11	0.26
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	11	0.26
(33,1813)	1:71:A:LYS:HD2	1:72:A:PHE:HE1	5	0.26
(33,1813)	1:71:A:LYS:HD2	1:72:A:PHE:HE2	5	0.26
(33,1813)	1:71:A:LYS:HD3	1:72:A:PHE:HE1	5	0.26
(33,1813)	1:71:A:LYS:HD3	1:72:A:PHE:HE2	5	0.26
(33,1796)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	12	0.26
(33,1796)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	12	0.26
(33,1795)	1:9:A:PHE:HD1	1:11:A:ILE:HB	12	0.26
(33,1795)	1:9:A:PHE:HD2	1:11:A:ILE:HB	12	0.26
(33,1733)	1:31:A:PRO:HB2	1:35:A:LEU:HA	4	0.26
(33,1733)	1:31:A:PRO:HB3	1:35:A:LEU:HA	4	0.26
(33,1678)	1:72:A:PHE:HB2	1:109:A:PRO:HA	9	0.26
(33,1588)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	2	0.26
(33,1588)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	2	0.26
(33,1588)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	2	0.26
(33,1572)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	11	0.26
(33,1572)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	11	0.26
(33,1572)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	11	0.26
(33,1572)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	17	0.26
(33,1572)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	17	0.26
(33,1572)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	17	0.26
(33,1530)	1:110:A:MET:HE1	1:114:A:ILE:HG12	13	0.26
(33,1530)	1:110:A:MET:HE2	1:114:A:ILE:HG12	13	0.26
(33,1530)	1:110:A:MET:HE3	1:114:A:ILE:HG12	13	0.26
(33,1510)	1:69:A:MET:HE1	1:116:A:GLN:HE21	6	0.26
(33,1510)	1:69:A:MET:HE2	1:116:A:GLN:HE21	6	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1510)	1:69:A:MET:HE3	1:116:A:GLN:HE21	6	0.26
(33,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	4	0.26
(33,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	4	0.26
(33,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	4	0.26
(33,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	4	0.26
(33,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	4	0.26
(33,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	4	0.26
(33,1473)	1:101:A:ILE:HG21	1:115:A:ALA:HA	7	0.26
(33,1473)	1:101:A:ILE:HG22	1:115:A:ALA:HA	7	0.26
(33,1473)	1:101:A:ILE:HG23	1:115:A:ALA:HA	7	0.26
(33,1378)	1:103:A:ARG:HD2	1:107:A:LEU:HD11	3	0.26
(33,1378)	1:103:A:ARG:HD2	1:107:A:LEU:HD12	3	0.26
(33,1378)	1:103:A:ARG:HD2	1:107:A:LEU:HD13	3	0.26
(33,1378)	1:103:A:ARG:HD3	1:107:A:LEU:HD11	3	0.26
(33,1378)	1:103:A:ARG:HD3	1:107:A:LEU:HD12	3	0.26
(33,1378)	1:103:A:ARG:HD3	1:107:A:LEU:HD13	3	0.26
(33,1243)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	2	0.26
(33,1243)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	2	0.26
(33,1243)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	2	0.26
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB1	9	0.26
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB2	9	0.26
(33,1103)	1:18:A:PHE:HA	1:132:A:ALA:HB3	9	0.26
(33,972)	1:140:A:LEU:HD21	1:141:A:LYS:HB2	18	0.26
(33,972)	1:140:A:LEU:HD21	1:141:A:LYS:HB3	18	0.26
(33,972)	1:140:A:LEU:HD22	1:141:A:LYS:HB2	18	0.26
(33,972)	1:140:A:LEU:HD22	1:141:A:LYS:HB3	18	0.26
(33,972)	1:140:A:LEU:HD23	1:141:A:LYS:HB2	18	0.26
(33,972)	1:140:A:LEU:HD23	1:141:A:LYS:HB3	18	0.26
(33,964)	1:70:A:LYS:HB2	1:74:A:PRO:HA	8	0.26
(33,964)	1:70:A:LYS:HB3	1:74:A:PRO:HA	8	0.26
(33,906)	1:20:A:THR:H	1:21:A:THR:HB	5	0.26
(33,905)	1:21:A:THR:HB	1:22:A:ASP:H	7	0.26
(33,800)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	14	0.26
(33,800)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	14	0.26
(33,800)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	14	0.26
(33,780)	1:101:A:ILE:HD11	1:119:A:LEU:HG	1	0.26
(33,780)	1:101:A:ILE:HD12	1:119:A:LEU:HG	1	0.26
(33,780)	1:101:A:ILE:HD13	1:119:A:LEU:HG	1	0.26
(33,778)	1:101:A:ILE:HD11	1:116:A:GLN:HA	19	0.26
(33,778)	1:101:A:ILE:HD12	1:116:A:GLN:HA	19	0.26
(33,778)	1:101:A:ILE:HD13	1:116:A:GLN:HA	19	0.26
(33,772)	1:69:A:MET:HG3	1:73:A:ILE:HD11	7	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,772)	1:69:A:MET:HG3	1:73:A:ILE:HD12	7	0.26
(33,772)	1:69:A:MET:HG3	1:73:A:ILE:HD13	7	0.26
(33,620)	1:96:A:VAL:H	1:97:A:ASP:H	18	0.26
(33,377)	1:40:A:LEU:HB3	1:41:A:LYS:H	19	0.26
(33,355)	1:104:A:PHE:H	1:104:A:PHE:HD1	17	0.26
(33,355)	1:104:A:PHE:H	1:104:A:PHE:HD2	17	0.26
(33,355)	1:104:A:PHE:H	1:104:A:PHE:HD1	19	0.26
(33,355)	1:104:A:PHE:H	1:104:A:PHE:HD2	19	0.26
(33,331)	1:121:A:VAL:H	1:122:A:ASP:H	2	0.26
(33,281)	1:50:A:ALA:H	1:52:A:CYS:H	9	0.26
(33,50)	1:44:A:GLU:HG3	1:47:A:ALA:H	16	0.26
(33,45)	1:98:A:ILE:H	1:105:A:LYS:HA	3	0.26
(33,20)	1:93:A:GLU:HG2	1:94:A:ALA:H	14	0.26
(33,20)	1:93:A:GLU:HG3	1:94:A:ALA:H	14	0.26
(32,2479)	1:143:A:TRP:H	1:144:A:LEU:HD11	1	0.26
(32,2479)	1:143:A:TRP:H	1:144:A:LEU:HD12	1	0.26
(32,2479)	1:143:A:TRP:H	1:144:A:LEU:HD13	1	0.26
(32,2479)	1:143:A:TRP:H	1:144:A:LEU:HD21	1	0.26
(32,2479)	1:143:A:TRP:H	1:144:A:LEU:HD22	1	0.26
(32,2479)	1:143:A:TRP:H	1:144:A:LEU:HD23	1	0.26
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD11	4	0.26
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD12	4	0.26
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD13	4	0.26
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD21	4	0.26
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD22	4	0.26
(32,2472)	1:141:A:LYS:HA	1:144:A:LEU:HD23	4	0.26
(32,2469)	1:140:A:LEU:HD11	1:143:A:TRP:HD1	18	0.26
(32,2469)	1:140:A:LEU:HD12	1:143:A:TRP:HD1	18	0.26
(32,2469)	1:140:A:LEU:HD13	1:143:A:TRP:HD1	18	0.26
(32,2469)	1:140:A:LEU:HD21	1:143:A:TRP:HD1	18	0.26
(32,2469)	1:140:A:LEU:HD22	1:143:A:TRP:HD1	18	0.26
(32,2469)	1:140:A:LEU:HD23	1:143:A:TRP:HD1	18	0.26
(32,2437)	1:136:A:CYS:HB2	1:141:A:LYS:H	2	0.26
(32,2437)	1:136:A:CYS:HB3	1:141:A:LYS:H	2	0.26
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD11	18	0.26
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD12	18	0.26
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD13	18	0.26
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD21	18	0.26
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD22	18	0.26
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD23	18	0.26
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG2	19	0.26
(32,2349)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	19	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG2	19	0.26
(32,2349)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	19	0.26
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG2	5	0.26
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG3	5	0.26
(32,2252)	1:70:A:LYS:HG2	1:71:A:LYS:H	13	0.26
(32,2252)	1:70:A:LYS:HG3	1:71:A:LYS:H	13	0.26
(32,2250)	1:70:A:LYS:H	1:70:A:LYS:HD2	6	0.26
(32,2250)	1:70:A:LYS:H	1:70:A:LYS:HD3	6	0.26
(32,2242)	1:69:A:MET:H	1:70:A:LYS:HG2	14	0.26
(32,2242)	1:69:A:MET:H	1:70:A:LYS:HG3	14	0.26
(32,2195)	1:60:A:LEU:HD11	1:120:A:CYS:HA	16	0.26
(32,2195)	1:60:A:LEU:HD12	1:120:A:CYS:HA	16	0.26
(32,2195)	1:60:A:LEU:HD13	1:120:A:CYS:HA	16	0.26
(32,2195)	1:60:A:LEU:HD21	1:120:A:CYS:HA	16	0.26
(32,2195)	1:60:A:LEU:HD22	1:120:A:CYS:HA	16	0.26
(32,2195)	1:60:A:LEU:HD23	1:120:A:CYS:HA	16	0.26
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	15	0.26
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	15	0.26
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	15	0.26
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	15	0.26
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	15	0.26
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	15	0.26
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	15	0.26
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	15	0.26
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	15	0.26
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	15	0.26
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	15	0.26
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	15	0.26
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD11	9	0.26
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD12	9	0.26
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD13	9	0.26
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD21	9	0.26
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD22	9	0.26
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD23	9	0.26
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD11	11	0.26
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD12	11	0.26
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD13	11	0.26
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD21	11	0.26
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD22	11	0.26
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD23	11	0.26
(32,2093)	1:39:A:VAL:HG11	1:44:A:GLU:H	16	0.26
(32,2093)	1:39:A:VAL:HG12	1:44:A:GLU:H	16	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2093)	1:39:A:VAL:HG13	1:44:A:GLU:H	16	0.26
(32,2093)	1:39:A:VAL:HG21	1:44:A:GLU:H	16	0.26
(32,2093)	1:39:A:VAL:HG22	1:44:A:GLU:H	16	0.26
(32,2093)	1:39:A:VAL:HG23	1:44:A:GLU:H	16	0.26
(32,2044)	1:34:A:LYS:H	1:81:A:GLU:HB2	8	0.26
(32,2044)	1:34:A:LYS:H	1:81:A:GLU:HB3	8	0.26
(32,2007)	1:23:A:LEU:HD11	1:26:A:ASP:HA	9	0.26
(32,2007)	1:23:A:LEU:HD12	1:26:A:ASP:HA	9	0.26
(32,2007)	1:23:A:LEU:HD13	1:26:A:ASP:HA	9	0.26
(32,2007)	1:23:A:LEU:HD21	1:26:A:ASP:HA	9	0.26
(32,2007)	1:23:A:LEU:HD22	1:26:A:ASP:HA	9	0.26
(32,2007)	1:23:A:LEU:HD23	1:26:A:ASP:HA	9	0.26
(32,2006)	1:23:A:LEU:HD11	1:25:A:ALA:H	5	0.26
(32,2006)	1:23:A:LEU:HD12	1:25:A:ALA:H	5	0.26
(32,2006)	1:23:A:LEU:HD13	1:25:A:ALA:H	5	0.26
(32,2006)	1:23:A:LEU:HD21	1:25:A:ALA:H	5	0.26
(32,2006)	1:23:A:LEU:HD22	1:25:A:ALA:H	5	0.26
(32,2006)	1:23:A:LEU:HD23	1:25:A:ALA:H	5	0.26
(32,2004)	1:23:A:LEU:HD11	1:24:A:ASP:H	1	0.26
(32,2004)	1:23:A:LEU:HD12	1:24:A:ASP:H	1	0.26
(32,2004)	1:23:A:LEU:HD13	1:24:A:ASP:H	1	0.26
(32,2004)	1:23:A:LEU:HD21	1:24:A:ASP:H	1	0.26
(32,2004)	1:23:A:LEU:HD22	1:24:A:ASP:H	1	0.26
(32,2004)	1:23:A:LEU:HD23	1:24:A:ASP:H	1	0.26
(32,1969)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	8	0.26
(32,1969)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	8	0.26
(32,1969)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	8	0.26
(32,1969)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	8	0.26
(32,1969)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	8	0.26
(32,1969)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	8	0.26
(32,1969)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	8	0.26
(32,1969)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	8	0.26
(32,1969)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	8	0.26
(32,1969)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	8	0.26
(32,1969)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	8	0.26
(32,1969)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	8	0.26
(32,1969)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	8	0.26
(32,1969)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	8	0.26
(32,1969)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	8	0.26
(32,1969)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	8	0.26
(32,1969)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	8	0.26
(32,1969)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	8	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1969)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	18	0.26
(32,1969)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	18	0.26
(32,1969)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	18	0.26
(32,1969)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	18	0.26
(32,1969)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	18	0.26
(32,1969)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	18	0.26
(32,1969)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	18	0.26
(32,1969)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	18	0.26
(32,1969)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	18	0.26
(32,1969)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	18	0.26
(32,1969)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	18	0.26
(32,1969)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	18	0.26
(32,1969)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	18	0.26
(32,1969)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	18	0.26
(32,1969)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	18	0.26
(32,1969)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	18	0.26
(32,1969)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	18	0.26
(32,1969)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	18	0.26
(32,1921)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	8	0.26
(32,1921)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	8	0.26
(32,1921)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	8	0.26
(32,1921)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	8	0.26
(32,1921)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	8	0.26
(32,1921)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	8	0.26
(32,1874)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	6	0.26
(32,1867)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	11	0.26
(32,1867)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	11	0.26
(32,1851)	1:104:A:PHE:HE1	1:105:A:LYS:H	14	0.26
(32,1851)	1:104:A:PHE:HE2	1:105:A:LYS:H	14	0.26
(32,1823)	1:9:A:PHE:HZ	1:11:A:ILE:HA	16	0.26
(32,1810)	1:79:A:THR:HB	1:80:A:TYR:HE1	9	0.26
(32,1810)	1:79:A:THR:HB	1:80:A:TYR:HE2	9	0.26
(32,1779)	1:71:A:LYS:HD2	1:72:A:PHE:HE1	5	0.26
(32,1779)	1:71:A:LYS:HD2	1:72:A:PHE:HE2	5	0.26
(32,1779)	1:71:A:LYS:HD3	1:72:A:PHE:HE1	5	0.26
(32,1779)	1:71:A:LYS:HD3	1:72:A:PHE:HE2	5	0.26
(32,1762)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	12	0.26
(32,1762)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	12	0.26
(32,1762)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	12	0.26
(32,1762)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	12	0.26
(32,1751)	1:13:A:ALA:HA	1:80:A:TYR:HD1	19	0.26
(32,1751)	1:13:A:ALA:HA	1:80:A:TYR:HD2	19	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1746)	1:80:A:TYR:HD1	1:81:A:GLU:HA	12	0.26
(32,1746)	1:80:A:TYR:HD2	1:81:A:GLU:HA	12	0.26
(32,1499)	1:110:A:MET:HE1	1:114:A:ILE:HG12	13	0.26
(32,1499)	1:110:A:MET:HE2	1:114:A:ILE:HG12	13	0.26
(32,1499)	1:110:A:MET:HE3	1:114:A:ILE:HG12	13	0.26
(32,1441)	1:101:A:ILE:HG21	1:115:A:ALA:HA	7	0.26
(32,1441)	1:101:A:ILE:HG22	1:115:A:ALA:HA	7	0.26
(32,1441)	1:101:A:ILE:HG23	1:115:A:ALA:HA	7	0.26
(32,1422)	1:13:A:ALA:HB1	1:79:A:THR:HB	13	0.26
(32,1422)	1:13:A:ALA:HB2	1:79:A:THR:HB	13	0.26
(32,1422)	1:13:A:ALA:HB3	1:79:A:THR:HB	13	0.26
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD11	5	0.26
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD12	5	0.26
(32,1348)	1:100:A:ALA:HA	1:119:A:LEU:HD13	5	0.26
(32,1259)	1:66:A:THR:HG21	1:96:A:VAL:H	7	0.26
(32,1259)	1:66:A:THR:HG22	1:96:A:VAL:H	7	0.26
(32,1259)	1:66:A:THR:HG23	1:96:A:VAL:H	7	0.26
(32,1246)	1:45:A:ALA:HA	1:48:A:ARG:HB2	17	0.26
(32,1246)	1:45:A:ALA:HA	1:48:A:ARG:HB3	17	0.26
(32,1224)	1:23:A:LEU:HD11	1:24:A:ASP:H	16	0.26
(32,1224)	1:23:A:LEU:HD12	1:24:A:ASP:H	16	0.26
(32,1224)	1:23:A:LEU:HD13	1:24:A:ASP:H	16	0.26
(32,1204)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	2	0.26
(32,1204)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	2	0.26
(32,1204)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	2	0.26
(32,1020)	1:70:A:LYS:H	1:70:A:LYS:HD2	6	0.26
(32,987)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	6	0.26
(32,987)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	6	0.26
(32,987)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	6	0.26
(32,987)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	6	0.26
(32,987)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	9	0.26
(32,987)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	9	0.26
(32,987)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	9	0.26
(32,987)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	9	0.26
(32,986)	1:81:A:GLU:H	1:81:A:GLU:HB2	11	0.26
(32,962)	1:102:A:PRO:HA	1:105:A:LYS:HB2	15	0.26
(32,962)	1:102:A:PRO:HA	1:105:A:LYS:HB3	15	0.26
(32,910)	1:69:A:MET:HG2	1:109:A:PRO:HA	17	0.26
(32,825)	1:68:A:LYS:HA	1:68:A:LYS:HE2	6	0.26
(32,825)	1:68:A:LYS:HA	1:68:A:LYS:HE3	6	0.26
(32,824)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	2	0.26
(32,824)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	2	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,824)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	2	0.26
(32,823)	1:43:A:MET:HE1	1:131:A:LEU:HB3	14	0.26
(32,823)	1:43:A:MET:HE2	1:131:A:LEU:HB3	14	0.26
(32,823)	1:43:A:MET:HE3	1:131:A:LEU:HB3	14	0.26
(32,792)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	5	0.26
(32,792)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	5	0.26
(32,792)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	5	0.26
(32,772)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	1	0.26
(32,772)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	1	0.26
(32,772)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	1	0.26
(32,772)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	1	0.26
(32,772)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	1	0.26
(32,772)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	1	0.26
(32,758)	1:101:A:ILE:HD11	1:116:A:GLN:HA	19	0.26
(32,758)	1:101:A:ILE:HD12	1:116:A:GLN:HA	19	0.26
(32,758)	1:101:A:ILE:HD13	1:116:A:GLN:HA	19	0.26
(32,702)	1:64:A:LYS:H	1:116:A:GLN:HE22	7	0.26
(32,692)	1:45:A:ALA:HB1	1:48:A:ARG:HE	18	0.26
(32,692)	1:45:A:ALA:HB2	1:48:A:ARG:HE	18	0.26
(32,692)	1:45:A:ALA:HB3	1:48:A:ARG:HE	18	0.26
(32,350)	1:23:A:LEU:HB2	1:26:A:ASP:H	6	0.26
(32,350)	1:23:A:LEU:HB3	1:26:A:ASP:H	6	0.26
(32,321)	1:121:A:VAL:H	1:122:A:ASP:H	2	0.26
(32,277)	1:50:A:ALA:H	1:52:A:CYS:H	9	0.26
(32,16)	1:93:A:GLU:HG2	1:94:A:ALA:H	14	0.26
(32,16)	1:93:A:GLU:HG3	1:94:A:ALA:H	14	0.26
(30,2346)	1:107:A:LEU:HD11	1:112:A:GLN:HA	14	0.26
(30,2346)	1:107:A:LEU:HD12	1:112:A:GLN:HA	14	0.26
(30,2346)	1:107:A:LEU:HD13	1:112:A:GLN:HA	14	0.26
(30,2346)	1:107:A:LEU:HD21	1:112:A:GLN:HA	14	0.26
(30,2346)	1:107:A:LEU:HD22	1:112:A:GLN:HA	14	0.26
(30,2346)	1:107:A:LEU:HD23	1:112:A:GLN:HA	14	0.26
(30,2250)	1:69:A:MET:HG2	1:73:A:ILE:HD11	7	0.26
(30,2250)	1:69:A:MET:HG2	1:73:A:ILE:HD12	7	0.26
(30,2250)	1:69:A:MET:HG2	1:73:A:ILE:HD13	7	0.26
(30,2250)	1:69:A:MET:HG3	1:73:A:ILE:HD11	7	0.26
(30,2250)	1:69:A:MET:HG3	1:73:A:ILE:HD12	7	0.26
(30,2250)	1:69:A:MET:HG3	1:73:A:ILE:HD13	7	0.26
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	9	0.26
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	9	0.26
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	9	0.26
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	9	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	9	0.26
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	9	0.26
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	9	0.26
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	9	0.26
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	9	0.26
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	9	0.26
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	9	0.26
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	9	0.26
(30,1928)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	10	0.26
(30,1928)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	10	0.26
(30,1928)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	10	0.26
(30,1928)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	10	0.26
(30,1928)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	10	0.26
(30,1928)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	10	0.26
(30,1928)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	19	0.26
(30,1928)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	19	0.26
(30,1928)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	19	0.26
(30,1928)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	19	0.26
(30,1928)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	19	0.26
(30,1928)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	19	0.26
(30,1905)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	11	0.26
(30,1905)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	11	0.26
(30,1868)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	3	0.26
(30,1868)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	3	0.26
(30,1855)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	3	0.26
(30,1855)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	3	0.26
(30,1817)	1:71:A:LYS:HD2	1:72:A:PHE:HE1	5	0.26
(30,1817)	1:71:A:LYS:HD2	1:72:A:PHE:HE2	5	0.26
(30,1817)	1:71:A:LYS:HD3	1:72:A:PHE:HE1	5	0.26
(30,1817)	1:71:A:LYS:HD3	1:72:A:PHE:HE2	5	0.26
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	1	0.26
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	1	0.26
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	1	0.26
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	1	0.26
(30,1800)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	12	0.26
(30,1800)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	12	0.26
(30,1800)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	12	0.26
(30,1800)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	12	0.26
(30,1790)	1:13:A:ALA:HA	1:80:A:TYR:HD1	19	0.26
(30,1790)	1:13:A:ALA:HA	1:80:A:TYR:HD2	19	0.26
(30,1670)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	12	0.26
(30,1670)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	12	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1670)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	12	0.26
(30,1670)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	12	0.26
(30,1637)	1:121:A:VAL:H	1:122:A:ASP:HA	11	0.26
(30,1636)	1:114:A:ILE:HG21	1:117:A:VAL:HG21	17	0.26
(30,1636)	1:114:A:ILE:HG21	1:117:A:VAL:HG22	17	0.26
(30,1636)	1:114:A:ILE:HG21	1:117:A:VAL:HG23	17	0.26
(30,1636)	1:114:A:ILE:HG22	1:117:A:VAL:HG21	17	0.26
(30,1636)	1:114:A:ILE:HG22	1:117:A:VAL:HG22	17	0.26
(30,1636)	1:114:A:ILE:HG22	1:117:A:VAL:HG23	17	0.26
(30,1636)	1:114:A:ILE:HG23	1:117:A:VAL:HG21	17	0.26
(30,1636)	1:114:A:ILE:HG23	1:117:A:VAL:HG22	17	0.26
(30,1636)	1:114:A:ILE:HG23	1:117:A:VAL:HG23	17	0.26
(30,1601)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	2	0.26
(30,1601)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	2	0.26
(30,1601)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	2	0.26
(30,1584)	1:101:A:ILE:HD11	1:112:A:GLN:HA	14	0.26
(30,1584)	1:101:A:ILE:HD12	1:112:A:GLN:HA	14	0.26
(30,1584)	1:101:A:ILE:HD13	1:112:A:GLN:HA	14	0.26
(30,1536)	1:110:A:MET:HE1	1:114:A:ILE:HG12	13	0.26
(30,1536)	1:110:A:MET:HE2	1:114:A:ILE:HG12	13	0.26
(30,1536)	1:110:A:MET:HE3	1:114:A:ILE:HG12	13	0.26
(30,1509)	1:98:A:ILE:HG21	1:101:A:ILE:HB	5	0.26
(30,1509)	1:98:A:ILE:HG22	1:101:A:ILE:HB	5	0.26
(30,1509)	1:98:A:ILE:HG23	1:101:A:ILE:HB	5	0.26
(30,1496)	1:114:A:ILE:HG21	1:117:A:VAL:HB	8	0.26
(30,1496)	1:114:A:ILE:HG22	1:117:A:VAL:HB	8	0.26
(30,1496)	1:114:A:ILE:HG23	1:117:A:VAL:HB	8	0.26
(30,1486)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	8	0.26
(30,1486)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	8	0.26
(30,1486)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	8	0.26
(30,1486)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	8	0.26
(30,1486)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	8	0.26
(30,1486)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	8	0.26
(30,1482)	1:101:A:ILE:HG21	1:102:A:PRO:HD3	5	0.26
(30,1482)	1:101:A:ILE:HG22	1:102:A:PRO:HD3	5	0.26
(30,1482)	1:101:A:ILE:HG23	1:102:A:PRO:HD3	5	0.26
(30,1482)	1:101:A:ILE:HG21	1:102:A:PRO:HD3	16	0.26
(30,1482)	1:101:A:ILE:HG22	1:102:A:PRO:HD3	16	0.26
(30,1482)	1:101:A:ILE:HG23	1:102:A:PRO:HD3	16	0.26
(30,1478)	1:101:A:ILE:HG21	1:116:A:GLN:H	8	0.26
(30,1478)	1:101:A:ILE:HG22	1:116:A:GLN:H	8	0.26
(30,1478)	1:101:A:ILE:HG23	1:116:A:GLN:H	8	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1457)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	16	0.26
(30,1457)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	16	0.26
(30,1457)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	16	0.26
(30,1444)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	2	0.26
(30,1444)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	2	0.26
(30,1272)	1:45:A:ALA:HA	1:48:A:ARG:HB2	17	0.26
(30,1272)	1:45:A:ALA:HA	1:48:A:ARG:HB3	17	0.26
(30,1232)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	2	0.26
(30,1232)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	2	0.26
(30,1232)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	2	0.26
(30,1215)	1:110:A:MET:HA	1:113:A:PHE:HB2	10	0.26
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD21	18	0.26
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD22	18	0.26
(30,1128)	1:38:A:GLU:HG2	1:144:A:LEU:HD23	18	0.26
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD21	18	0.26
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD22	18	0.26
(30,1128)	1:38:A:GLU:HG3	1:144:A:LEU:HD23	18	0.26
(30,1083)	1:68:A:LYS:HA	1:72:A:PHE:HD1	11	0.26
(30,1083)	1:68:A:LYS:HA	1:72:A:PHE:HD2	11	0.26
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB1	5	0.26
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB2	5	0.26
(30,1080)	1:141:A:LYS:HA	1:149:A:ALA:HB3	5	0.26
(30,1031)	1:11:A:ILE:HA	1:11:A:ILE:HD11	8	0.26
(30,1031)	1:11:A:ILE:HA	1:11:A:ILE:HD12	8	0.26
(30,1031)	1:11:A:ILE:HA	1:11:A:ILE:HD13	8	0.26
(30,1007)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	6	0.26
(30,1007)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	6	0.26
(30,1007)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	6	0.26
(30,1007)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	6	0.26
(30,1007)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	9	0.26
(30,1007)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	9	0.26
(30,1007)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	9	0.26
(30,1007)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	9	0.26
(30,985)	1:12:A:VAL:HB	1:43:A:MET:HE1	1	0.26
(30,985)	1:12:A:VAL:HB	1:43:A:MET:HE2	1	0.26
(30,985)	1:12:A:VAL:HB	1:43:A:MET:HE3	1	0.26
(30,934)	1:69:A:MET:HG2	1:109:A:PRO:HA	17	0.26
(30,913)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	5	0.26
(30,913)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	5	0.26
(30,913)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	5	0.26
(30,795)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	14	0.26
(30,795)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	14	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,795)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	14	0.26
(30,772)	1:101:A:ILE:HD11	1:116:A:GLN:HA	19	0.26
(30,772)	1:101:A:ILE:HD12	1:116:A:GLN:HA	19	0.26
(30,772)	1:101:A:ILE:HD13	1:116:A:GLN:HA	19	0.26
(30,677)	1:18:A:PHE:HB3	1:132:A:ALA:H	6	0.26
(30,592)	1:27:A:ARG:HB2	1:28:A:GLY:H	17	0.26
(30,552)	1:73:A:ILE:HD11	1:110:A:MET:H	3	0.26
(30,552)	1:73:A:ILE:HD12	1:110:A:MET:H	3	0.26
(30,552)	1:73:A:ILE:HD13	1:110:A:MET:H	3	0.26
(30,377)	1:40:A:LEU:HB3	1:41:A:LYS:H	11	0.26
(30,332)	1:121:A:VAL:H	1:122:A:ASP:H	2	0.26
(29,2442)	1:144:A:LEU:HD11	1:147:A:ARG:H	2	0.26
(29,2442)	1:144:A:LEU:HD12	1:147:A:ARG:H	2	0.26
(29,2442)	1:144:A:LEU:HD13	1:147:A:ARG:H	2	0.26
(29,2442)	1:144:A:LEU:HD21	1:147:A:ARG:H	2	0.26
(29,2442)	1:144:A:LEU:HD22	1:147:A:ARG:H	2	0.26
(29,2442)	1:144:A:LEU:HD23	1:147:A:ARG:H	2	0.26
(29,2299)	1:103:A:ARG:HE	1:107:A:LEU:HD11	12	0.26
(29,2299)	1:103:A:ARG:HE	1:107:A:LEU:HD12	12	0.26
(29,2299)	1:103:A:ARG:HE	1:107:A:LEU:HD13	12	0.26
(29,2299)	1:103:A:ARG:HE	1:107:A:LEU:HD21	12	0.26
(29,2299)	1:103:A:ARG:HE	1:107:A:LEU:HD22	12	0.26
(29,2299)	1:103:A:ARG:HE	1:107:A:LEU:HD23	12	0.26
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD11	15	0.26
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD12	15	0.26
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD13	15	0.26
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD21	15	0.26
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD22	15	0.26
(29,2059)	1:25:A:ALA:HA	1:30:A:LEU:HD23	15	0.26
(29,2056)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	7	0.26
(29,2056)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	7	0.26
(29,2056)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	7	0.26
(29,2056)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	7	0.26
(29,2056)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	7	0.26
(29,2056)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	7	0.26
(29,2056)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	7	0.26
(29,2056)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	7	0.26
(29,2056)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	7	0.26
(29,2056)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	7	0.26
(29,2056)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	7	0.26
(29,2056)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	7	0.26
(29,2016)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	12	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2016)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	12	0.26
(29,2016)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	12	0.26
(29,2016)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	12	0.26
(29,2016)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	12	0.26
(29,2016)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	12	0.26
(29,1979)	1:11:A:ILE:HG12	1:40:A:LEU:HD11	13	0.26
(29,1979)	1:11:A:ILE:HG12	1:40:A:LEU:HD12	13	0.26
(29,1979)	1:11:A:ILE:HG12	1:40:A:LEU:HD13	13	0.26
(29,1979)	1:11:A:ILE:HG12	1:40:A:LEU:HD21	13	0.26
(29,1979)	1:11:A:ILE:HG12	1:40:A:LEU:HD22	13	0.26
(29,1979)	1:11:A:ILE:HG12	1:40:A:LEU:HD23	13	0.26
(29,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	13	0.26
(29,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	13	0.26
(29,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	13	0.26
(29,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD21	13	0.26
(29,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD22	13	0.26
(29,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD23	13	0.26
(29,1965)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	2	0.26
(29,1965)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	2	0.26
(29,1965)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	2	0.26
(29,1965)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	2	0.26
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	8	0.26
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	8	0.26
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	8	0.26
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	8	0.26
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	8	0.26
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	8	0.26
(29,1937)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	3	0.26
(29,1937)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	3	0.26
(29,1931)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	6	0.26
(29,1923)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	11	0.26
(29,1923)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	11	0.26
(29,1901)	1:104:A:PHE:HE1	1:105:A:LYS:H	14	0.26
(29,1901)	1:104:A:PHE:HE2	1:105:A:LYS:H	14	0.26
(29,1881)	1:9:A:PHE:HE1	1:54:A:ARG:HE	14	0.26
(29,1881)	1:9:A:PHE:HE2	1:54:A:ARG:HE	14	0.26
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	17	0.26
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	17	0.26
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	17	0.26
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	17	0.26
(29,1810)	1:13:A:ALA:HA	1:80:A:TYR:HD1	19	0.26
(29,1810)	1:13:A:ALA:HA	1:80:A:TYR:HD2	19	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1748)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	7	0.26
(29,1748)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	7	0.26
(29,1748)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	7	0.26
(29,1681)	1:69:A:MET:HE1	1:116:A:GLN:HE21	6	0.26
(29,1681)	1:69:A:MET:HE2	1:116:A:GLN:HE21	6	0.26
(29,1681)	1:69:A:MET:HE3	1:116:A:GLN:HE21	6	0.26
(29,1586)	1:61:A:SER:HA	1:63:A:ILE:HD11	11	0.26
(29,1586)	1:61:A:SER:HA	1:63:A:ILE:HD12	11	0.26
(29,1586)	1:61:A:SER:HA	1:63:A:ILE:HD13	11	0.26
(29,1507)	1:114:A:ILE:HG21	1:117:A:VAL:HB	8	0.26
(29,1507)	1:114:A:ILE:HG22	1:117:A:VAL:HB	8	0.26
(29,1507)	1:114:A:ILE:HG23	1:117:A:VAL:HB	8	0.26
(29,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	8	0.26
(29,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	8	0.26
(29,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	8	0.26
(29,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	8	0.26
(29,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	8	0.26
(29,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	8	0.26
(29,1489)	1:101:A:ILE:HG21	1:115:A:ALA:HA	7	0.26
(29,1489)	1:101:A:ILE:HG22	1:115:A:ALA:HA	7	0.26
(29,1489)	1:101:A:ILE:HG23	1:115:A:ALA:HA	7	0.26
(29,1488)	1:101:A:ILE:HG21	1:116:A:GLN:H	8	0.26
(29,1488)	1:101:A:ILE:HG22	1:116:A:GLN:H	8	0.26
(29,1488)	1:101:A:ILE:HG23	1:116:A:GLN:H	8	0.26
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG21	10	0.26
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG22	10	0.26
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG23	10	0.26
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG21	11	0.26
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG22	11	0.26
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG23	11	0.26
(29,1408)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	9	0.26
(29,1408)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	9	0.26
(29,1408)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	9	0.26
(29,1408)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	9	0.26
(29,1408)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	9	0.26
(29,1408)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	9	0.26
(29,1408)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	9	0.26
(29,1408)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	9	0.26
(29,1408)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	9	0.26
(29,1288)	1:45:A:ALA:HA	1:48:A:ARG:HB2	17	0.26
(29,1288)	1:45:A:ALA:HA	1:48:A:ARG:HB3	17	0.26
(29,1250)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	2	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1250)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	2	0.26
(29,1250)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	2	0.26
(29,1182)	1:140:A:LEU:H	1:140:A:LEU:HD21	17	0.26
(29,1182)	1:140:A:LEU:H	1:140:A:LEU:HD22	17	0.26
(29,1182)	1:140:A:LEU:H	1:140:A:LEU:HD23	17	0.26
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG11	16	0.26
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG12	16	0.26
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG13	16	0.26
(29,970)	1:15:A:ALA:HB1	1:43:A:MET:HB2	16	0.26
(29,970)	1:15:A:ALA:HB2	1:43:A:MET:HB2	16	0.26
(29,970)	1:15:A:ALA:HB3	1:43:A:MET:HB2	16	0.26
(29,966)	1:66:A:THR:H	1:96:A:VAL:HB	13	0.26
(29,939)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	6	0.26
(29,939)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	6	0.26
(29,939)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	6	0.26
(29,939)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	6	0.26
(29,857)	1:68:A:LYS:HA	1:68:A:LYS:HE2	6	0.26
(29,857)	1:68:A:LYS:HA	1:68:A:LYS:HE3	6	0.26
(29,810)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	1	0.26
(29,810)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	1	0.26
(29,810)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	1	0.26
(29,810)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	1	0.26
(29,810)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	1	0.26
(29,810)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	1	0.26
(29,793)	1:101:A:ILE:HD11	1:116:A:GLN:HA	19	0.26
(29,793)	1:101:A:ILE:HD12	1:116:A:GLN:HA	19	0.26
(29,793)	1:101:A:ILE:HD13	1:116:A:GLN:HA	19	0.26
(29,689)	1:141:A:LYS:H	1:144:A:LEU:H	3	0.26
(29,677)	1:116:A:GLN:HG3	1:117:A:VAL:H	11	0.26
(29,595)	1:75:A:GLY:H	1:76:A:ARG:HG2	13	0.26
(29,595)	1:75:A:GLY:H	1:76:A:ARG:HG3	13	0.26
(29,572)	1:63:A:ILE:HG21	1:116:A:GLN:H	12	0.26
(29,572)	1:63:A:ILE:HG22	1:116:A:GLN:H	12	0.26
(29,572)	1:63:A:ILE:HG23	1:116:A:GLN:H	12	0.26
(29,555)	1:73:A:ILE:HD11	1:110:A:MET:H	3	0.26
(29,555)	1:73:A:ILE:HD12	1:110:A:MET:H	3	0.26
(29,555)	1:73:A:ILE:HD13	1:110:A:MET:H	3	0.26
(29,427)	1:100:A:ALA:H	1:101:A:ILE:HG12	1	0.26
(29,330)	1:121:A:VAL:H	1:122:A:ASP:H	2	0.26
(29,238)	1:50:A:ALA:H	1:52:A:CYS:H	11	0.26
(29,83)	1:43:A:MET:HB2	1:45:A:ALA:H	4	0.26
(29,83)	1:43:A:MET:HB2	1:45:A:ALA:H	8	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,83)	1:43:A:MET:HB2	1:45:A:ALA:H	16	0.26
(29,49)	1:44:A:GLU:HG3	1:47:A:ALA:H	16	0.26
(24,23)	1:101:A:ILE:H	1:98:A:ILE:O	12	0.26
(23,17)	1:118:A:ASP:N	1:114:A:ILE:O	2	0.26
(23,17)	1:118:A:ASP:N	1:114:A:ILE:O	5	0.26
(23,8)	1:61:A:SER:N	1:57:A:LEU:O	14	0.26
(23,3)	1:44:A:GLU:N	1:40:A:LEU:O	14	0.26
(22,34)	1:118:A:ASP:N	1:114:A:ILE:C	9	0.26
(22,20)	1:101:A:ILE:N	1:98:A:ILE:C	19	0.26
(22,17)	1:73:A:ILE:H	1:69:A:MET:C	8	0.26
(22,4)	1:39:A:VAL:N	1:36:A:PRO:C	12	0.26
(20,2)	1:123:A:CYS:SG	1:127:A:CYS:SG	15	0.26
(18,2459)	1:143:A:TRP:H	1:144:A:LEU:HD11	1	0.26
(18,2459)	1:143:A:TRP:H	1:144:A:LEU:HD12	1	0.26
(18,2459)	1:143:A:TRP:H	1:144:A:LEU:HD13	1	0.26
(18,2459)	1:143:A:TRP:H	1:144:A:LEU:HD21	1	0.26
(18,2459)	1:143:A:TRP:H	1:144:A:LEU:HD22	1	0.26
(18,2459)	1:143:A:TRP:H	1:144:A:LEU:HD23	1	0.26
(18,2277)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	13	0.26
(18,2277)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	13	0.26
(18,2277)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	13	0.26
(18,2277)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	13	0.26
(18,2277)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	13	0.26
(18,2277)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	13	0.26
(18,2226)	1:60:A:LEU:HD11	1:123:A:CYS:H	13	0.26
(18,2226)	1:60:A:LEU:HD12	1:123:A:CYS:H	13	0.26
(18,2226)	1:60:A:LEU:HD13	1:123:A:CYS:H	13	0.26
(18,2226)	1:60:A:LEU:HD21	1:123:A:CYS:H	13	0.26
(18,2226)	1:60:A:LEU:HD22	1:123:A:CYS:H	13	0.26
(18,2226)	1:60:A:LEU:HD23	1:123:A:CYS:H	13	0.26
(18,2222)	1:60:A:LEU:HD11	1:120:A:CYS:HA	16	0.26
(18,2222)	1:60:A:LEU:HD12	1:120:A:CYS:HA	16	0.26
(18,2222)	1:60:A:LEU:HD13	1:120:A:CYS:HA	16	0.26
(18,2222)	1:60:A:LEU:HD21	1:120:A:CYS:HA	16	0.26
(18,2222)	1:60:A:LEU:HD22	1:120:A:CYS:HA	16	0.26
(18,2222)	1:60:A:LEU:HD23	1:120:A:CYS:HA	16	0.26
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD11	9	0.26
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD12	9	0.26
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD13	9	0.26
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD21	9	0.26
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD22	9	0.26
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD23	9	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1923)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	15	0.26
(18,1923)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	15	0.26
(18,1923)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	15	0.26
(18,1923)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	15	0.26
(18,1886)	1:18:A:PHE:HE1	1:128:A:LEU:HG	5	0.26
(18,1886)	1:18:A:PHE:HE2	1:128:A:LEU:HG	5	0.26
(18,1851)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	3	0.26
(18,1851)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	3	0.26
(18,1817)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	5	0.26
(18,1817)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	6	0.26
(18,1803)	1:71:A:LYS:HD2	1:72:A:PHE:HE1	5	0.26
(18,1803)	1:71:A:LYS:HD2	1:72:A:PHE:HE2	5	0.26
(18,1803)	1:71:A:LYS:HD3	1:72:A:PHE:HE1	5	0.26
(18,1803)	1:71:A:LYS:HD3	1:72:A:PHE:HE2	5	0.26
(18,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	12	0.26
(18,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	12	0.26
(18,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	12	0.26
(18,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	12	0.26
(18,1721)	1:18:A:PHE:HB3	1:132:A:ALA:HA	13	0.26
(18,1721)	1:18:A:PHE:HB2	1:132:A:ALA:HA	13	0.26
(18,1672)	1:72:A:PHE:HB2	1:109:A:PRO:HA	9	0.26
(18,1659)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	6	0.26
(18,1659)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	6	0.26
(18,1644)	1:69:A:MET:HE1	1:116:A:GLN:HE21	6	0.26
(18,1644)	1:69:A:MET:HE2	1:116:A:GLN:HE21	6	0.26
(18,1644)	1:69:A:MET:HE3	1:116:A:GLN:HE21	6	0.26
(18,1621)	1:121:A:VAL:H	1:122:A:ASP:HA	11	0.26
(18,1575)	1:98:A:ILE:HG21	1:104:A:PHE:HE1	9	0.26
(18,1575)	1:98:A:ILE:HG21	1:104:A:PHE:HE2	9	0.26
(18,1575)	1:98:A:ILE:HG22	1:104:A:PHE:HE1	9	0.26
(18,1575)	1:98:A:ILE:HG22	1:104:A:PHE:HE2	9	0.26
(18,1575)	1:98:A:ILE:HG23	1:104:A:PHE:HE1	9	0.26
(18,1575)	1:98:A:ILE:HG23	1:104:A:PHE:HE2	9	0.26
(18,1569)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	11	0.26
(18,1569)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	11	0.26
(18,1569)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	11	0.26
(18,1569)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	17	0.26
(18,1569)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	17	0.26
(18,1569)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	17	0.26
(18,1475)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	4	0.26
(18,1475)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	4	0.26
(18,1475)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	4	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1475)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	4	0.26
(18,1475)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	4	0.26
(18,1475)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	4	0.26
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG21	10	0.26
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG22	10	0.26
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG23	10	0.26
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG21	11	0.26
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG22	11	0.26
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG23	11	0.26
(18,1352)	1:118:A:ASP:HA	1:121:A:VAL:HG11	3	0.26
(18,1352)	1:118:A:ASP:HA	1:121:A:VAL:HG12	3	0.26
(18,1352)	1:118:A:ASP:HA	1:121:A:VAL:HG13	3	0.26
(18,1286)	1:66:A:THR:HG21	1:96:A:VAL:H	7	0.26
(18,1286)	1:66:A:THR:HG22	1:96:A:VAL:H	7	0.26
(18,1286)	1:66:A:THR:HG23	1:96:A:VAL:H	7	0.26
(18,1183)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	1	0.26
(18,1183)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	1	0.26
(18,1183)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	1	0.26
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB1	5	0.26
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB2	5	0.26
(18,1104)	1:141:A:LYS:HA	1:149:A:ALA:HB3	5	0.26
(18,1103)	1:70:A:LYS:HA	1:70:A:LYS:HE2	4	0.26
(18,1103)	1:70:A:LYS:HA	1:70:A:LYS:HE3	4	0.26
(18,1029)	1:81:A:GLU:H	1:81:A:GLU:HB2	11	0.26
(18,962)	1:39:A:VAL:HA	1:140:A:LEU:HD11	18	0.26
(18,962)	1:39:A:VAL:HA	1:140:A:LEU:HD12	18	0.26
(18,962)	1:39:A:VAL:HA	1:140:A:LEU:HD13	18	0.26
(18,854)	1:68:A:LYS:HA	1:68:A:LYS:HE2	6	0.26
(18,854)	1:68:A:LYS:HA	1:68:A:LYS:HE3	6	0.26
(18,853)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	2	0.26
(18,853)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	2	0.26
(18,853)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	2	0.26
(18,809)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	14	0.26
(18,809)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	14	0.26
(18,809)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	14	0.26
(18,806)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	1	0.26
(18,806)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	1	0.26
(18,806)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	1	0.26
(18,806)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	1	0.26
(18,806)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	1	0.26
(18,806)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	1	0.26
(18,783)	1:101:A:ILE:HD11	1:104:A:PHE:H	8	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,783)	1:101:A:ILE:HD12	1:104:A:PHE:H	8	0.26
(18,783)	1:101:A:ILE:HD13	1:104:A:PHE:H	8	0.26
(18,739)	1:16:A:SER:H	1:17:A:ASN:HD21	14	0.26
(18,712)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	16	0.26
(18,712)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	16	0.26
(18,712)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	16	0.26
(18,634)	1:96:A:VAL:H	1:97:A:ASP:H	18	0.26
(18,568)	1:73:A:ILE:HD11	1:110:A:MET:H	5	0.26
(18,568)	1:73:A:ILE:HD12	1:110:A:MET:H	5	0.26
(18,568)	1:73:A:ILE:HD13	1:110:A:MET:H	5	0.26
(18,568)	1:73:A:ILE:HD11	1:110:A:MET:H	7	0.26
(18,568)	1:73:A:ILE:HD12	1:110:A:MET:H	7	0.26
(18,568)	1:73:A:ILE:HD13	1:110:A:MET:H	7	0.26
(18,500)	1:79:A:THR:H	1:79:A:THR:HG21	5	0.26
(18,500)	1:79:A:THR:H	1:79:A:THR:HG22	5	0.26
(18,500)	1:79:A:THR:H	1:79:A:THR:HG23	5	0.26
(18,382)	1:40:A:LEU:HB2	1:41:A:LYS:H	6	0.26
(18,355)	1:122:A:ASP:HB3	1:123:A:CYS:H	10	0.26
(18,341)	1:121:A:VAL:H	1:122:A:ASP:H	2	0.26
(18,292)	1:50:A:ALA:H	1:52:A:CYS:H	9	0.26
(18,285)	1:113:A:PHE:H	1:114:A:ILE:HB	4	0.26
(18,274)	1:108:A:GLU:H	1:112:A:GLN:H	16	0.26
(18,166)	1:95:A:ILE:H	1:95:A:ILE:HB	8	0.26
(18,73)	1:13:A:ALA:HB1	1:81:A:GLU:H	4	0.26
(18,73)	1:13:A:ALA:HB2	1:81:A:GLU:H	4	0.26
(18,73)	1:13:A:ALA:HB3	1:81:A:GLU:H	4	0.26
(18,45)	1:98:A:ILE:H	1:105:A:LYS:HA	3	0.26
(17,2480)	1:144:A:LEU:HD11	1:147:A:ARG:H	2	0.26
(17,2480)	1:144:A:LEU:HD12	1:147:A:ARG:H	2	0.26
(17,2480)	1:144:A:LEU:HD13	1:147:A:ARG:H	2	0.26
(17,2480)	1:144:A:LEU:HD21	1:147:A:ARG:H	2	0.26
(17,2480)	1:144:A:LEU:HD22	1:147:A:ARG:H	2	0.26
(17,2480)	1:144:A:LEU:HD23	1:147:A:ARG:H	2	0.26
(17,2297)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	10	0.26
(17,2297)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	10	0.26
(17,2297)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	10	0.26
(17,2297)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	10	0.26
(17,2297)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	10	0.26
(17,2297)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	10	0.26
(17,2297)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	10	0.26
(17,2297)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	10	0.26
(17,2297)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	10	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2297)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	10	0.26
(17,2297)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	10	0.26
(17,2297)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	10	0.26
(17,2293)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	6	0.26
(17,2293)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	6	0.26
(17,2293)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	6	0.26
(17,2293)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	6	0.26
(17,2293)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	6	0.26
(17,2293)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	6	0.26
(17,2254)	1:70:A:LYS:H	1:70:A:LYS:HD2	6	0.26
(17,2254)	1:70:A:LYS:H	1:70:A:LYS:HD3	6	0.26
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	14	0.26
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	14	0.26
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	14	0.26
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	14	0.26
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	14	0.26
(17,2178)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	14	0.26
(17,2163)	1:43:A:MET:HB3	1:134:A:VAL:HG11	7	0.26
(17,2163)	1:43:A:MET:HB3	1:134:A:VAL:HG12	7	0.26
(17,2163)	1:43:A:MET:HB3	1:134:A:VAL:HG13	7	0.26
(17,2163)	1:43:A:MET:HB3	1:134:A:VAL:HG21	7	0.26
(17,2163)	1:43:A:MET:HB3	1:134:A:VAL:HG22	7	0.26
(17,2163)	1:43:A:MET:HB3	1:134:A:VAL:HG23	7	0.26
(17,2132)	1:39:A:VAL:HG11	1:143:A:TRP:H	3	0.26
(17,2132)	1:39:A:VAL:HG12	1:143:A:TRP:H	3	0.26
(17,2132)	1:39:A:VAL:HG13	1:143:A:TRP:H	3	0.26
(17,2132)	1:39:A:VAL:HG21	1:143:A:TRP:H	3	0.26
(17,2132)	1:39:A:VAL:HG22	1:143:A:TRP:H	3	0.26
(17,2132)	1:39:A:VAL:HG23	1:143:A:TRP:H	3	0.26
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD11	8	0.26
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD12	8	0.26
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD13	8	0.26
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD21	8	0.26
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD22	8	0.26
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD23	8	0.26
(17,2029)	1:17:A:ASN:HB2	1:117:A:VAL:HG11	19	0.26
(17,2029)	1:17:A:ASN:HB2	1:117:A:VAL:HG12	19	0.26
(17,2029)	1:17:A:ASN:HB2	1:117:A:VAL:HG13	19	0.26
(17,2029)	1:17:A:ASN:HB2	1:117:A:VAL:HG21	19	0.26
(17,2029)	1:17:A:ASN:HB2	1:117:A:VAL:HG22	19	0.26
(17,2029)	1:17:A:ASN:HB2	1:117:A:VAL:HG23	19	0.26
(17,2029)	1:17:A:ASN:HB3	1:117:A:VAL:HG11	19	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2029)	1:17:A:ASN:HB3	1:117:A:VAL:HG12	19	0.26
(17,2029)	1:17:A:ASN:HB3	1:117:A:VAL:HG13	19	0.26
(17,2029)	1:17:A:ASN:HB3	1:117:A:VAL:HG21	19	0.26
(17,2029)	1:17:A:ASN:HB3	1:117:A:VAL:HG22	19	0.26
(17,2029)	1:17:A:ASN:HB3	1:117:A:VAL:HG23	19	0.26
(17,1937)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	3	0.26
(17,1937)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	3	0.26
(17,1931)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	11	0.26
(17,1931)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	11	0.26
(17,1920)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	11	0.26
(17,1920)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	11	0.26
(17,1858)	1:59:A:CYS:HA	1:62:A:HIS:HD2	9	0.26
(17,1831)	1:71:A:LYS:HD2	1:72:A:PHE:HE1	5	0.26
(17,1831)	1:71:A:LYS:HD2	1:72:A:PHE:HE2	5	0.26
(17,1831)	1:71:A:LYS:HD3	1:72:A:PHE:HE1	5	0.26
(17,1831)	1:71:A:LYS:HD3	1:72:A:PHE:HE2	5	0.26
(17,1813)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	12	0.26
(17,1813)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	12	0.26
(17,1803)	1:13:A:ALA:HA	1:80:A:TYR:HD1	19	0.26
(17,1803)	1:13:A:ALA:HA	1:80:A:TYR:HD2	19	0.26
(17,1689)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	6	0.26
(17,1689)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	6	0.26
(17,1651)	1:121:A:VAL:H	1:122:A:ASP:HA	11	0.26
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	4	0.26
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	4	0.26
(17,1639)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	4	0.26
(17,1591)	1:61:A:SER:HA	1:63:A:ILE:HD11	11	0.26
(17,1591)	1:61:A:SER:HA	1:63:A:ILE:HD12	11	0.26
(17,1591)	1:61:A:SER:HA	1:63:A:ILE:HD13	11	0.26
(17,1534)	1:98:A:ILE:HG21	1:101:A:ILE:HB	5	0.26
(17,1534)	1:98:A:ILE:HG22	1:101:A:ILE:HB	5	0.26
(17,1534)	1:98:A:ILE:HG23	1:101:A:ILE:HB	5	0.26
(17,1509)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	4	0.26
(17,1509)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	4	0.26
(17,1509)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	4	0.26
(17,1509)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	4	0.26
(17,1509)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	4	0.26
(17,1509)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	4	0.26
(17,1502)	1:101:A:ILE:HG21	1:116:A:GLN:H	8	0.26
(17,1502)	1:101:A:ILE:HG22	1:116:A:GLN:H	8	0.26
(17,1502)	1:101:A:ILE:HG23	1:116:A:GLN:H	8	0.26
(17,1299)	1:128:A:LEU:HD21	1:129:A:LYS:H	10	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1299)	1:128:A:LEU:HD22	1:129:A:LYS:H	10	0.26
(17,1299)	1:128:A:LEU:HD23	1:129:A:LYS:H	10	0.26
(17,1288)	1:45:A:ALA:HA	1:48:A:ARG:HB2	17	0.26
(17,1288)	1:45:A:ALA:HA	1:48:A:ARG:HB3	17	0.26
(17,1251)	1:38:A:GLU:HB2	1:139:A:LEU:HD21	17	0.26
(17,1251)	1:38:A:GLU:HB2	1:139:A:LEU:HD22	17	0.26
(17,1251)	1:38:A:GLU:HB2	1:139:A:LEU:HD23	17	0.26
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD21	14	0.26
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD22	14	0.26
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD23	14	0.26
(17,1147)	1:70:A:LYS:HA	1:70:A:LYS:HG2	3	0.26
(17,1147)	1:70:A:LYS:HA	1:70:A:LYS:HG2	10	0.26
(17,1104)	1:141:A:LYS:HA	1:148:A:CYS:HB2	19	0.26
(17,1100)	1:68:A:LYS:HA	1:72:A:PHE:HD1	5	0.26
(17,1100)	1:68:A:LYS:HA	1:72:A:PHE:HD2	5	0.26
(17,1095)	1:141:A:LYS:HA	1:148:A:CYS:HB3	4	0.26
(17,1048)	1:11:A:ILE:HA	1:11:A:ILE:HD11	8	0.26
(17,1048)	1:11:A:ILE:HA	1:11:A:ILE:HD12	8	0.26
(17,1048)	1:11:A:ILE:HA	1:11:A:ILE:HD13	8	0.26
(17,1026)	1:113:A:PHE:HA	1:116:A:GLN:HG3	10	0.26
(17,999)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	11	0.26
(17,999)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	11	0.26
(17,982)	1:47:A:ALA:HB1	1:134:A:VAL:HB	19	0.26
(17,982)	1:47:A:ALA:HB2	1:134:A:VAL:HB	19	0.26
(17,982)	1:47:A:ALA:HB3	1:134:A:VAL:HB	19	0.26
(17,869)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	3	0.26
(17,869)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	3	0.26
(17,869)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	3	0.26
(17,854)	1:68:A:LYS:HA	1:68:A:LYS:HE2	6	0.26
(17,854)	1:68:A:LYS:HA	1:68:A:LYS:HE3	6	0.26
(17,845)	1:48:A:ARG:HD2	1:49:A:LYS:HA	11	0.26
(17,845)	1:48:A:ARG:HD3	1:49:A:LYS:HA	11	0.26
(17,808)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	14	0.26
(17,808)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	14	0.26
(17,808)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	14	0.26
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	4	0.26
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	4	0.26
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	4	0.26
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	7	0.26
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	7	0.26
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	7	0.26
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	12	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	12	0.26
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	12	0.26
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	16	0.26
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	16	0.26
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	16	0.26
(17,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	1	0.26
(17,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	1	0.26
(17,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	1	0.26
(17,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	1	0.26
(17,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	1	0.26
(17,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	1	0.26
(17,786)	1:101:A:ILE:HD11	1:116:A:GLN:HA	19	0.26
(17,786)	1:101:A:ILE:HD12	1:116:A:GLN:HA	19	0.26
(17,786)	1:101:A:ILE:HD13	1:116:A:GLN:HA	19	0.26
(17,720)	1:9:A:PHE:HD1	1:54:A:ARG:HE	17	0.26
(17,720)	1:9:A:PHE:HD2	1:54:A:ARG:HE	17	0.26
(17,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	1	0.26
(17,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	6	0.26
(17,682)	1:141:A:LYS:H	1:144:A:LEU:H	3	0.26
(17,671)	1:116:A:GLN:HG3	1:117:A:VAL:H	11	0.26
(17,578)	1:128:A:LEU:HD21	1:130:A:GLY:H	11	0.26
(17,578)	1:128:A:LEU:HD22	1:130:A:GLY:H	11	0.26
(17,578)	1:128:A:LEU:HD23	1:130:A:GLY:H	11	0.26
(17,578)	1:128:A:LEU:HD21	1:130:A:GLY:H	12	0.26
(17,578)	1:128:A:LEU:HD22	1:130:A:GLY:H	12	0.26
(17,578)	1:128:A:LEU:HD23	1:130:A:GLY:H	12	0.26
(17,577)	1:126:A:GLY:H	1:128:A:LEU:HG	1	0.26
(17,547)	1:73:A:ILE:HD11	1:110:A:MET:H	3	0.26
(17,547)	1:73:A:ILE:HD12	1:110:A:MET:H	3	0.26
(17,547)	1:73:A:ILE:HD13	1:110:A:MET:H	3	0.26
(17,504)	1:70:A:LYS:HE2	1:71:A:LYS:H	14	0.26
(17,504)	1:70:A:LYS:HE3	1:71:A:LYS:H	14	0.26
(17,481)	1:79:A:THR:H	1:79:A:THR:HG21	5	0.26
(17,481)	1:79:A:THR:H	1:79:A:THR:HG22	5	0.26
(17,481)	1:79:A:THR:H	1:79:A:THR:HG23	5	0.26
(17,328)	1:121:A:VAL:H	1:122:A:ASP:H	2	0.26
(17,233)	1:50:A:ALA:H	1:52:A:CYS:H	11	0.26
(17,230)	1:11:A:ILE:HB	1:44:A:GLU:H	16	0.26
(17,154)	1:67:A:PRO:HD3	1:95:A:ILE:H	14	0.26
(17,107)	1:69:A:MET:H	1:70:A:LYS:HG2	11	0.26
(17,45)	1:44:A:GLU:HG3	1:47:A:ALA:H	16	0.26
(17,42)	1:98:A:ILE:H	1:105:A:LYS:HA	3	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	5	0.26
(17,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	5	0.26
(17,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	10	0.26
(17,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	10	0.26
(16,2329)	1:107:A:LEU:HD11	1:112:A:GLN:HA	14	0.26
(16,2329)	1:107:A:LEU:HD12	1:112:A:GLN:HA	14	0.26
(16,2329)	1:107:A:LEU:HD13	1:112:A:GLN:HA	14	0.26
(16,2329)	1:107:A:LEU:HD21	1:112:A:GLN:HA	14	0.26
(16,2329)	1:107:A:LEU:HD22	1:112:A:GLN:HA	14	0.26
(16,2329)	1:107:A:LEU:HD23	1:112:A:GLN:HA	14	0.26
(16,2202)	1:60:A:LEU:HD11	1:120:A:CYS:HA	16	0.26
(16,2202)	1:60:A:LEU:HD12	1:120:A:CYS:HA	16	0.26
(16,2202)	1:60:A:LEU:HD13	1:120:A:CYS:HA	16	0.26
(16,2202)	1:60:A:LEU:HD21	1:120:A:CYS:HA	16	0.26
(16,2202)	1:60:A:LEU:HD22	1:120:A:CYS:HA	16	0.26
(16,2202)	1:60:A:LEU:HD23	1:120:A:CYS:HA	16	0.26
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD11	3	0.26
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD12	3	0.26
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD13	3	0.26
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD21	3	0.26
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD22	3	0.26
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD23	3	0.26
(16,2081)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	15	0.26
(16,2081)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	15	0.26
(16,2081)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	15	0.26
(16,2081)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	15	0.26
(16,2081)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	15	0.26
(16,2081)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	15	0.26
(16,2037)	1:23:A:LEU:HD11	1:25:A:ALA:H	5	0.26
(16,2037)	1:23:A:LEU:HD12	1:25:A:ALA:H	5	0.26
(16,2037)	1:23:A:LEU:HD13	1:25:A:ALA:H	5	0.26
(16,2037)	1:23:A:LEU:HD21	1:25:A:ALA:H	5	0.26
(16,2037)	1:23:A:LEU:HD22	1:25:A:ALA:H	5	0.26
(16,2037)	1:23:A:LEU:HD23	1:25:A:ALA:H	5	0.26
(16,2029)	1:21:A:THR:HB	1:23:A:LEU:HD11	6	0.26
(16,2029)	1:21:A:THR:HB	1:23:A:LEU:HD12	6	0.26
(16,2029)	1:21:A:THR:HB	1:23:A:LEU:HD13	6	0.26
(16,2029)	1:21:A:THR:HB	1:23:A:LEU:HD21	6	0.26
(16,2029)	1:21:A:THR:HB	1:23:A:LEU:HD22	6	0.26
(16,2029)	1:21:A:THR:HB	1:23:A:LEU:HD23	6	0.26
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD11	8	0.26
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD12	8	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD13	8	0.26
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD21	8	0.26
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD22	8	0.26
(16,2028)	1:20:A:THR:HG21	1:23:A:LEU:HD23	8	0.26
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD11	8	0.26
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD12	8	0.26
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD13	8	0.26
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD21	8	0.26
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD22	8	0.26
(16,2028)	1:20:A:THR:HG22	1:23:A:LEU:HD23	8	0.26
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD11	8	0.26
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD12	8	0.26
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD13	8	0.26
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD21	8	0.26
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD22	8	0.26
(16,2028)	1:20:A:THR:HG23	1:23:A:LEU:HD23	8	0.26
(16,1992)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	12	0.26
(16,1992)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	12	0.26
(16,1992)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	12	0.26
(16,1992)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	12	0.26
(16,1992)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	12	0.26
(16,1992)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	12	0.26
(16,1992)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	12	0.26
(16,1992)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	12	0.26
(16,1992)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	12	0.26
(16,1992)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	12	0.26
(16,1992)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	12	0.26
(16,1992)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	12	0.26
(16,1992)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	12	0.26
(16,1992)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	12	0.26
(16,1992)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	12	0.26
(16,1992)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	12	0.26
(16,1992)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	12	0.26
(16,1992)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	12	0.26
(16,1992)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	12	0.26
(16,1992)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	12	0.26
(16,1992)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	12	0.26
(16,1992)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	12	0.26
(16,1992)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	12	0.26
(16,1992)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	12	0.26
(16,1992)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	12	0.26
(16,1992)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	12	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1992)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	12	0.26
(16,1992)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	12	0.26
(16,1992)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	12	0.26
(16,1992)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	12	0.26
(16,1992)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	12	0.26
(16,1992)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	12	0.26
(16,1992)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	12	0.26
(16,1992)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	12	0.26
(16,1992)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	12	0.26
(16,1992)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	12	0.26
(16,1946)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	8	0.26
(16,1946)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	8	0.26
(16,1946)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	8	0.26
(16,1946)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	8	0.26
(16,1946)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	8	0.26
(16,1946)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	8	0.26
(16,1940)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	5	0.26
(16,1940)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	5	0.26
(16,1940)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	5	0.26
(16,1940)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	5	0.26
(16,1918)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	7	0.26
(16,1918)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	7	0.26
(16,1918)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	7	0.26
(16,1918)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	7	0.26
(16,1906)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	1	0.26
(16,1906)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	1	0.26
(16,1890)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	11	0.26
(16,1890)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	11	0.26
(16,1871)	1:104:A:PHE:HE1	1:113:A:PHE:HA	9	0.26
(16,1871)	1:104:A:PHE:HE2	1:113:A:PHE:HA	9	0.26
(16,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	16	0.26
(16,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	16	0.26
(16,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	16	0.26
(16,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	16	0.26
(16,1853)	1:76:A:ARG:HB3	1:113:A:PHE:HE1	9	0.26
(16,1853)	1:76:A:ARG:HB3	1:113:A:PHE:HE2	9	0.26
(16,1810)	1:71:A:LYS:HD2	1:72:A:PHE:HE1	5	0.26
(16,1810)	1:71:A:LYS:HD2	1:72:A:PHE:HE2	5	0.26
(16,1810)	1:71:A:LYS:HD3	1:72:A:PHE:HE1	5	0.26
(16,1810)	1:71:A:LYS:HD3	1:72:A:PHE:HE2	5	0.26
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	1	0.26
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	1	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	1	0.26
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	1	0.26
(16,1788)	1:9:A:PHE:HD1	1:11:A:ILE:HB	12	0.26
(16,1788)	1:9:A:PHE:HD2	1:11:A:ILE:HB	12	0.26
(16,1775)	1:80:A:TYR:HD1	1:81:A:GLU:HA	12	0.26
(16,1775)	1:80:A:TYR:HD2	1:81:A:GLU:HA	12	0.26
(16,1758)	1:95:A:ILE:HG21	1:97:A:ASP:HA	12	0.26
(16,1758)	1:95:A:ILE:HG22	1:97:A:ASP:HA	12	0.26
(16,1758)	1:95:A:ILE:HG23	1:97:A:ASP:HA	12	0.26
(16,1722)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	7	0.26
(16,1722)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	7	0.26
(16,1722)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	7	0.26
(16,1650)	1:69:A:MET:HA	1:69:A:MET:HE1	5	0.26
(16,1650)	1:69:A:MET:HA	1:69:A:MET:HE2	5	0.26
(16,1650)	1:69:A:MET:HA	1:69:A:MET:HE3	5	0.26
(16,1567)	1:101:A:ILE:HD11	1:112:A:GLN:HA	14	0.26
(16,1567)	1:101:A:ILE:HD12	1:112:A:GLN:HA	14	0.26
(16,1567)	1:101:A:ILE:HD13	1:112:A:GLN:HA	14	0.26
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD11	18	0.26
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD12	18	0.26
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD13	18	0.26
(16,1537)	1:110:A:MET:HE1	1:114:A:ILE:HG12	13	0.26
(16,1537)	1:110:A:MET:HE2	1:114:A:ILE:HG12	13	0.26
(16,1537)	1:110:A:MET:HE3	1:114:A:ILE:HG12	13	0.26
(16,1511)	1:98:A:ILE:HG21	1:101:A:ILE:HB	5	0.26
(16,1511)	1:98:A:ILE:HG22	1:101:A:ILE:HB	5	0.26
(16,1511)	1:98:A:ILE:HG23	1:101:A:ILE:HB	5	0.26
(16,1487)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	4	0.26
(16,1487)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	4	0.26
(16,1487)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	4	0.26
(16,1487)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	4	0.26
(16,1487)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	4	0.26
(16,1487)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	4	0.26
(16,1479)	1:101:A:ILE:HG21	1:116:A:GLN:H	8	0.26
(16,1479)	1:101:A:ILE:HG22	1:116:A:GLN:H	8	0.26
(16,1479)	1:101:A:ILE:HG23	1:116:A:GLN:H	8	0.26
(16,1459)	1:13:A:ALA:HB1	1:79:A:THR:HB	2	0.26
(16,1459)	1:13:A:ALA:HB2	1:79:A:THR:HB	2	0.26
(16,1459)	1:13:A:ALA:HB3	1:79:A:THR:HB	2	0.26
(16,1446)	1:50:A:ALA:HB1	1:130:A:GLY:H	16	0.26
(16,1446)	1:50:A:ALA:HB2	1:130:A:GLY:H	16	0.26
(16,1446)	1:50:A:ALA:HB3	1:130:A:GLY:H	16	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1420)	1:73:A:ILE:HG21	1:110:A:MET:HG2	7	0.26
(16,1420)	1:73:A:ILE:HG21	1:110:A:MET:HG3	7	0.26
(16,1420)	1:73:A:ILE:HG22	1:110:A:MET:HG2	7	0.26
(16,1420)	1:73:A:ILE:HG22	1:110:A:MET:HG3	7	0.26
(16,1420)	1:73:A:ILE:HG23	1:110:A:MET:HG2	7	0.26
(16,1420)	1:73:A:ILE:HG23	1:110:A:MET:HG3	7	0.26
(16,1420)	1:73:A:ILE:HG21	1:110:A:MET:HG2	9	0.26
(16,1420)	1:73:A:ILE:HG21	1:110:A:MET:HG3	9	0.26
(16,1420)	1:73:A:ILE:HG22	1:110:A:MET:HG2	9	0.26
(16,1420)	1:73:A:ILE:HG22	1:110:A:MET:HG3	9	0.26
(16,1420)	1:73:A:ILE:HG23	1:110:A:MET:HG2	9	0.26
(16,1420)	1:73:A:ILE:HG23	1:110:A:MET:HG3	9	0.26
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD11	5	0.26
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD12	5	0.26
(16,1384)	1:100:A:ALA:HA	1:119:A:LEU:HD13	5	0.26
(16,1249)	1:40:A:LEU:H	1:40:A:LEU:HD11	4	0.26
(16,1249)	1:40:A:LEU:H	1:40:A:LEU:HD12	4	0.26
(16,1249)	1:40:A:LEU:H	1:40:A:LEU:HD13	4	0.26
(16,1249)	1:40:A:LEU:H	1:40:A:LEU:HD11	6	0.26
(16,1249)	1:40:A:LEU:H	1:40:A:LEU:HD12	6	0.26
(16,1249)	1:40:A:LEU:H	1:40:A:LEU:HD13	6	0.26
(16,1242)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	2	0.26
(16,1242)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	2	0.26
(16,1242)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	2	0.26
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD11	11	0.26
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD12	11	0.26
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD13	11	0.26
(16,1167)	1:150:A:THR:HG21	1:151:A:PHE:HA	11	0.26
(16,1167)	1:150:A:THR:HG22	1:151:A:PHE:HA	11	0.26
(16,1167)	1:150:A:THR:HG23	1:151:A:PHE:HA	11	0.26
(16,1144)	1:70:A:LYS:HA	1:70:A:LYS:HG2	3	0.26
(16,1144)	1:70:A:LYS:HA	1:70:A:LYS:HG2	10	0.26
(16,1103)	1:68:A:LYS:HA	1:72:A:PHE:HD1	5	0.26
(16,1103)	1:68:A:LYS:HA	1:72:A:PHE:HD2	5	0.26
(16,1058)	1:11:A:ILE:HA	1:11:A:ILE:HD11	8	0.26
(16,1058)	1:11:A:ILE:HA	1:11:A:ILE:HD12	8	0.26
(16,1058)	1:11:A:ILE:HA	1:11:A:ILE:HD13	8	0.26
(16,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	6	0.26
(16,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	6	0.26
(16,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	6	0.26
(16,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	6	0.26
(16,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	9	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	9	0.26
(16,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	9	0.26
(16,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	9	0.26
(16,996)	1:47:A:ALA:HB1	1:134:A:VAL:HB	5	0.26
(16,996)	1:47:A:ALA:HB2	1:134:A:VAL:HB	5	0.26
(16,996)	1:47:A:ALA:HB3	1:134:A:VAL:HB	5	0.26
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	4	0.26
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	4	0.26
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	4	0.26
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	7	0.26
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	7	0.26
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	7	0.26
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	12	0.26
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	12	0.26
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	12	0.26
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	16	0.26
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	16	0.26
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	16	0.26
(16,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	1	0.26
(16,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	1	0.26
(16,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	1	0.26
(16,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	1	0.26
(16,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	1	0.26
(16,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	1	0.26
(16,785)	1:101:A:ILE:HD11	1:116:A:GLN:HA	19	0.26
(16,785)	1:101:A:ILE:HD12	1:116:A:GLN:HA	19	0.26
(16,785)	1:101:A:ILE:HD13	1:116:A:GLN:HA	19	0.26
(16,736)	1:50:A:ALA:H	1:130:A:GLY:HA3	13	0.26
(16,595)	1:75:A:GLY:H	1:76:A:ARG:HG2	13	0.26
(16,595)	1:75:A:GLY:H	1:76:A:ARG:HG3	13	0.26
(16,557)	1:73:A:ILE:HD11	1:110:A:MET:H	5	0.26
(16,557)	1:73:A:ILE:HD12	1:110:A:MET:H	5	0.26
(16,557)	1:73:A:ILE:HD13	1:110:A:MET:H	5	0.26
(16,557)	1:73:A:ILE:HD11	1:110:A:MET:H	7	0.26
(16,557)	1:73:A:ILE:HD12	1:110:A:MET:H	7	0.26
(16,557)	1:73:A:ILE:HD13	1:110:A:MET:H	7	0.26
(16,489)	1:79:A:THR:H	1:79:A:THR:HG21	5	0.26
(16,489)	1:79:A:THR:H	1:79:A:THR:HG22	5	0.26
(16,489)	1:79:A:THR:H	1:79:A:THR:HG23	5	0.26
(16,366)	1:23:A:LEU:HB2	1:26:A:ASP:H	6	0.26
(16,366)	1:23:A:LEU:HB3	1:26:A:ASP:H	6	0.26
(16,336)	1:121:A:VAL:H	1:122:A:ASP:H	2	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,287)	1:73:A:ILE:HD11	1:112:A:GLN:H	15	0.26
(16,287)	1:73:A:ILE:HD12	1:112:A:GLN:H	15	0.26
(16,287)	1:73:A:ILE:HD13	1:112:A:GLN:H	15	0.26
(16,241)	1:50:A:ALA:H	1:52:A:CYS:H	11	0.26
(16,107)	1:69:A:MET:H	1:70:A:LYS:HG2	11	0.26
(16,9)	1:63:A:ILE:HG13	1:64:A:LYS:H	2	0.26
(15,2492)	1:144:A:LEU:HD11	1:147:A:ARG:H	2	0.26
(15,2492)	1:144:A:LEU:HD12	1:147:A:ARG:H	2	0.26
(15,2492)	1:144:A:LEU:HD13	1:147:A:ARG:H	2	0.26
(15,2492)	1:144:A:LEU:HD21	1:147:A:ARG:H	2	0.26
(15,2492)	1:144:A:LEU:HD22	1:147:A:ARG:H	2	0.26
(15,2492)	1:144:A:LEU:HD23	1:147:A:ARG:H	2	0.26
(15,2433)	1:136:A:CYS:HB2	1:141:A:LYS:H	2	0.26
(15,2433)	1:136:A:CYS:HB3	1:141:A:LYS:H	2	0.26
(15,2226)	1:69:A:MET:H	1:70:A:LYS:HG2	14	0.26
(15,2226)	1:69:A:MET:H	1:70:A:LYS:HG3	14	0.26
(15,2212)	1:66:A:THR:H	1:96:A:VAL:HG11	2	0.26
(15,2212)	1:66:A:THR:H	1:96:A:VAL:HG12	2	0.26
(15,2212)	1:66:A:THR:H	1:96:A:VAL:HG13	2	0.26
(15,2212)	1:66:A:THR:H	1:96:A:VAL:HG21	2	0.26
(15,2212)	1:66:A:THR:H	1:96:A:VAL:HG22	2	0.26
(15,2212)	1:66:A:THR:H	1:96:A:VAL:HG23	2	0.26
(15,2139)	1:47:A:ALA:H	1:131:A:LEU:HD11	4	0.26
(15,2139)	1:47:A:ALA:H	1:131:A:LEU:HD12	4	0.26
(15,2139)	1:47:A:ALA:H	1:131:A:LEU:HD13	4	0.26
(15,2139)	1:47:A:ALA:H	1:131:A:LEU:HD21	4	0.26
(15,2139)	1:47:A:ALA:H	1:131:A:LEU:HD22	4	0.26
(15,2139)	1:47:A:ALA:H	1:131:A:LEU:HD23	4	0.26
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	14	0.26
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	14	0.26
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	14	0.26
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	14	0.26
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	14	0.26
(15,2136)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	14	0.26
(15,2105)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	17	0.26
(15,2105)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	17	0.26
(15,2105)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	17	0.26
(15,2105)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	17	0.26
(15,2105)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	17	0.26
(15,2105)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	17	0.26
(15,2105)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	17	0.26
(15,2105)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	17	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2105)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	17	0.26
(15,2105)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	17	0.26
(15,2105)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	17	0.26
(15,2105)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	17	0.26
(15,2038)	1:34:A:LYS:H	1:81:A:GLU:HB2	8	0.26
(15,2038)	1:34:A:LYS:H	1:81:A:GLU:HB3	8	0.26
(15,1939)	1:11:A:ILE:HG13	1:44:A:GLU:HG2	8	0.26
(15,1939)	1:11:A:ILE:HG13	1:44:A:GLU:HG3	8	0.26
(15,1923)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	6	0.26
(15,1923)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	6	0.26
(15,1923)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	6	0.26
(15,1923)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	6	0.26
(15,1923)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	6	0.26
(15,1923)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	6	0.26
(15,1904)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	14	0.26
(15,1904)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	14	0.26
(15,1898)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	3	0.26
(15,1898)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	3	0.26
(15,1864)	1:104:A:PHE:HE1	1:105:A:LYS:H	14	0.26
(15,1864)	1:104:A:PHE:HE2	1:105:A:LYS:H	14	0.26
(15,1801)	1:71:A:LYS:HD2	1:72:A:PHE:HE1	5	0.26
(15,1801)	1:71:A:LYS:HD2	1:72:A:PHE:HE2	5	0.26
(15,1801)	1:71:A:LYS:HD3	1:72:A:PHE:HE1	5	0.26
(15,1801)	1:71:A:LYS:HD3	1:72:A:PHE:HE2	5	0.26
(15,1780)	1:72:A:PHE:HD1	1:109:A:PRO:HB2	8	0.26
(15,1780)	1:72:A:PHE:HD1	1:109:A:PRO:HB3	8	0.26
(15,1780)	1:72:A:PHE:HD2	1:109:A:PRO:HB2	8	0.26
(15,1780)	1:72:A:PHE:HD2	1:109:A:PRO:HB3	8	0.26
(15,1777)	1:13:A:ALA:HA	1:80:A:TYR:HD1	19	0.26
(15,1777)	1:13:A:ALA:HA	1:80:A:TYR:HD2	19	0.26
(15,1768)	1:80:A:TYR:H	1:80:A:TYR:HD1	5	0.26
(15,1768)	1:80:A:TYR:H	1:80:A:TYR:HD2	5	0.26
(15,1682)	1:72:A:PHE:HB2	1:109:A:PRO:HA	9	0.26
(15,1628)	1:121:A:VAL:H	1:122:A:ASP:HA	11	0.26
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	4	0.26
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	4	0.26
(15,1615)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	4	0.26
(15,1590)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	15	0.26
(15,1590)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	15	0.26
(15,1590)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	15	0.26
(15,1490)	1:114:A:ILE:HG21	1:117:A:VAL:HB	8	0.26
(15,1490)	1:114:A:ILE:HG22	1:117:A:VAL:HB	8	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1490)	1:114:A:ILE:HG23	1:117:A:VAL:HB	8	0.26
(15,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	8	0.26
(15,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	8	0.26
(15,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	8	0.26
(15,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	8	0.26
(15,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	8	0.26
(15,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	8	0.26
(15,1473)	1:101:A:ILE:HG21	1:115:A:ALA:HA	7	0.26
(15,1473)	1:101:A:ILE:HG22	1:115:A:ALA:HA	7	0.26
(15,1473)	1:101:A:ILE:HG23	1:115:A:ALA:HA	7	0.26
(15,1472)	1:101:A:ILE:HG21	1:116:A:GLN:H	8	0.26
(15,1472)	1:101:A:ILE:HG22	1:116:A:GLN:H	8	0.26
(15,1472)	1:101:A:ILE:HG23	1:116:A:GLN:H	8	0.26
(15,1277)	1:45:A:ALA:HA	1:48:A:ARG:HB2	17	0.26
(15,1277)	1:45:A:ALA:HA	1:48:A:ARG:HB3	17	0.26
(15,1236)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	2	0.26
(15,1236)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	2	0.26
(15,1236)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	2	0.26
(15,1221)	1:110:A:MET:HA	1:113:A:PHE:HB2	10	0.26
(15,1218)	1:11:A:ILE:HD11	1:131:A:LEU:HA	17	0.26
(15,1218)	1:11:A:ILE:HD12	1:131:A:LEU:HA	17	0.26
(15,1218)	1:11:A:ILE:HD13	1:131:A:LEU:HA	17	0.26
(15,1212)	1:69:A:MET:HE1	1:110:A:MET:HA	3	0.26
(15,1212)	1:69:A:MET:HE2	1:110:A:MET:HA	3	0.26
(15,1212)	1:69:A:MET:HE3	1:110:A:MET:HA	3	0.26
(15,1160)	1:150:A:THR:HG21	1:151:A:PHE:HA	11	0.26
(15,1160)	1:150:A:THR:HG22	1:151:A:PHE:HA	11	0.26
(15,1160)	1:150:A:THR:HG23	1:151:A:PHE:HA	11	0.26
(15,1143)	1:78:A:HIS:HA	1:79:A:THR:HB	8	0.26
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD11	12	0.26
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD12	12	0.26
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD13	12	0.26
(15,1097)	1:141:A:LYS:HA	1:148:A:CYS:HB2	19	0.26
(15,1093)	1:68:A:LYS:HA	1:72:A:PHE:HD1	11	0.26
(15,1093)	1:68:A:LYS:HA	1:72:A:PHE:HD2	11	0.26
(15,1089)	1:141:A:LYS:HA	1:148:A:CYS:HB3	4	0.26
(15,1035)	1:63:A:ILE:HG12	1:116:A:GLN:HG3	4	0.26
(15,1030)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	17	0.26
(15,980)	1:47:A:ALA:HB1	1:134:A:VAL:HB	5	0.26
(15,980)	1:47:A:ALA:HB2	1:134:A:VAL:HB	5	0.26
(15,980)	1:47:A:ALA:HB3	1:134:A:VAL:HB	5	0.26
(15,940)	1:67:A:PRO:HA	1:70:A:LYS:HB2	2	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,940)	1:67:A:PRO:HA	1:70:A:LYS:HB3	2	0.26
(15,928)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	2	0.26
(15,928)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	2	0.26
(15,928)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	2	0.26
(15,928)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	2	0.26
(15,894)	1:69:A:MET:HE1	1:73:A:ILE:HB	1	0.26
(15,894)	1:69:A:MET:HE2	1:73:A:ILE:HB	1	0.26
(15,894)	1:69:A:MET:HE3	1:73:A:ILE:HB	1	0.26
(15,848)	1:68:A:LYS:HA	1:68:A:LYS:HE2	6	0.26
(15,848)	1:68:A:LYS:HA	1:68:A:LYS:HE3	6	0.26
(15,803)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	14	0.26
(15,803)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	14	0.26
(15,803)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	14	0.26
(15,799)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	1	0.26
(15,799)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	1	0.26
(15,799)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	1	0.26
(15,799)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	1	0.26
(15,799)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	1	0.26
(15,799)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	1	0.26
(15,784)	1:101:A:ILE:HD11	1:116:A:GLN:HA	19	0.26
(15,784)	1:101:A:ILE:HD12	1:116:A:GLN:HA	19	0.26
(15,784)	1:101:A:ILE:HD13	1:116:A:GLN:HA	19	0.26
(15,719)	1:9:A:PHE:HD1	1:54:A:ARG:HE	17	0.26
(15,719)	1:9:A:PHE:HD2	1:54:A:ARG:HE	17	0.26
(15,717)	1:45:A:ALA:H	1:48:A:ARG:HE	9	0.26
(15,620)	1:55:A:GLY:H	1:58:A:ILE:HB	11	0.26
(15,561)	1:124:A:THR:H	1:128:A:LEU:HD21	15	0.26
(15,561)	1:124:A:THR:H	1:128:A:LEU:HD22	15	0.26
(15,561)	1:124:A:THR:H	1:128:A:LEU:HD23	15	0.26
(15,377)	1:40:A:LEU:HB2	1:41:A:LYS:H	12	0.26
(15,362)	1:23:A:LEU:HB2	1:26:A:ASP:H	6	0.26
(15,362)	1:23:A:LEU:HB3	1:26:A:ASP:H	6	0.26
(15,335)	1:121:A:VAL:H	1:122:A:ASP:H	2	0.26
(15,241)	1:50:A:ALA:H	1:52:A:CYS:H	11	0.26
(15,129)	1:79:A:THR:HB	1:80:A:TYR:H	9	0.26
(15,72)	1:13:A:ALA:HB1	1:81:A:GLU:H	4	0.26
(15,72)	1:13:A:ALA:HB2	1:81:A:GLU:H	4	0.26
(15,72)	1:13:A:ALA:HB3	1:81:A:GLU:H	4	0.26
(15,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	5	0.26
(15,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	5	0.26
(15,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	10	0.26
(15,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	10	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2422)	1:136:A:CYS:HB2	1:149:A:ALA:H	11	0.26
(13,2422)	1:136:A:CYS:HB3	1:149:A:ALA:H	11	0.26
(13,2421)	1:136:A:CYS:HB2	1:141:A:LYS:H	2	0.26
(13,2421)	1:136:A:CYS:HB3	1:141:A:LYS:H	2	0.26
(13,2311)	1:107:A:LEU:HD11	1:112:A:GLN:HA	14	0.26
(13,2311)	1:107:A:LEU:HD12	1:112:A:GLN:HA	14	0.26
(13,2311)	1:107:A:LEU:HD13	1:112:A:GLN:HA	14	0.26
(13,2311)	1:107:A:LEU:HD21	1:112:A:GLN:HA	14	0.26
(13,2311)	1:107:A:LEU:HD22	1:112:A:GLN:HA	14	0.26
(13,2311)	1:107:A:LEU:HD23	1:112:A:GLN:HA	14	0.26
(13,2307)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	5	0.26
(13,2307)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	5	0.26
(13,2307)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	5	0.26
(13,2307)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	5	0.26
(13,2307)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	5	0.26
(13,2307)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	5	0.26
(13,2307)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	5	0.26
(13,2307)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	5	0.26
(13,2307)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	5	0.26
(13,2307)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	5	0.26
(13,2307)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	5	0.26
(13,2307)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	5	0.26
(13,2261)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	6	0.26
(13,2261)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	6	0.26
(13,2261)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	6	0.26
(13,2261)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	6	0.26
(13,2261)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	6	0.26
(13,2261)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	6	0.26
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG11	9	0.26
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG12	9	0.26
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG13	9	0.26
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG21	9	0.26
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG22	9	0.26
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG23	9	0.26
(13,2213)	1:69:A:MET:H	1:70:A:LYS:HG2	14	0.26
(13,2213)	1:69:A:MET:H	1:70:A:LYS:HG3	14	0.26
(13,2169)	1:60:A:LEU:HD11	1:120:A:CYS:HA	16	0.26
(13,2169)	1:60:A:LEU:HD12	1:120:A:CYS:HA	16	0.26
(13,2169)	1:60:A:LEU:HD13	1:120:A:CYS:HA	16	0.26
(13,2169)	1:60:A:LEU:HD21	1:120:A:CYS:HA	16	0.26
(13,2169)	1:60:A:LEU:HD22	1:120:A:CYS:HA	16	0.26
(13,2169)	1:60:A:LEU:HD23	1:120:A:CYS:HA	16	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2122)	1:47:A:ALA:H	1:131:A:LEU:HD11	4	0.26
(13,2122)	1:47:A:ALA:H	1:131:A:LEU:HD12	4	0.26
(13,2122)	1:47:A:ALA:H	1:131:A:LEU:HD13	4	0.26
(13,2122)	1:47:A:ALA:H	1:131:A:LEU:HD21	4	0.26
(13,2122)	1:47:A:ALA:H	1:131:A:LEU:HD22	4	0.26
(13,2122)	1:47:A:ALA:H	1:131:A:LEU:HD23	4	0.26
(13,2087)	1:42:A:GLU:H	1:139:A:LEU:HD11	4	0.26
(13,2087)	1:42:A:GLU:H	1:139:A:LEU:HD12	4	0.26
(13,2087)	1:42:A:GLU:H	1:139:A:LEU:HD13	4	0.26
(13,2087)	1:42:A:GLU:H	1:139:A:LEU:HD21	4	0.26
(13,2087)	1:42:A:GLU:H	1:139:A:LEU:HD22	4	0.26
(13,2087)	1:42:A:GLU:H	1:139:A:LEU:HD23	4	0.26
(13,1981)	1:18:A:PHE:HB2	1:132:A:ALA:HA	12	0.26
(13,1981)	1:18:A:PHE:HB3	1:132:A:ALA:HA	12	0.26
(13,1976)	1:17:A:ASN:HB2	1:117:A:VAL:HG11	19	0.26
(13,1976)	1:17:A:ASN:HB2	1:117:A:VAL:HG12	19	0.26
(13,1976)	1:17:A:ASN:HB2	1:117:A:VAL:HG13	19	0.26
(13,1976)	1:17:A:ASN:HB2	1:117:A:VAL:HG21	19	0.26
(13,1976)	1:17:A:ASN:HB2	1:117:A:VAL:HG22	19	0.26
(13,1976)	1:17:A:ASN:HB2	1:117:A:VAL:HG23	19	0.26
(13,1976)	1:17:A:ASN:HB3	1:117:A:VAL:HG11	19	0.26
(13,1976)	1:17:A:ASN:HB3	1:117:A:VAL:HG12	19	0.26
(13,1976)	1:17:A:ASN:HB3	1:117:A:VAL:HG13	19	0.26
(13,1976)	1:17:A:ASN:HB3	1:117:A:VAL:HG21	19	0.26
(13,1976)	1:17:A:ASN:HB3	1:117:A:VAL:HG22	19	0.26
(13,1976)	1:17:A:ASN:HB3	1:117:A:VAL:HG23	19	0.26
(13,1972)	1:16:A:SER:HB2	1:43:A:MET:HE1	8	0.26
(13,1972)	1:16:A:SER:HB2	1:43:A:MET:HE2	8	0.26
(13,1972)	1:16:A:SER:HB2	1:43:A:MET:HE3	8	0.26
(13,1972)	1:16:A:SER:HB3	1:43:A:MET:HE1	8	0.26
(13,1972)	1:16:A:SER:HB3	1:43:A:MET:HE2	8	0.26
(13,1972)	1:16:A:SER:HB3	1:43:A:MET:HE3	8	0.26
(13,1916)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	8	0.26
(13,1916)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	8	0.26
(13,1916)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	8	0.26
(13,1916)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	8	0.26
(13,1916)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	8	0.26
(13,1916)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	8	0.26
(13,1908)	1:10:A:ASN:HD21	1:80:A:TYR:HB3	1	0.26
(13,1908)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	1	0.26
(13,1903)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	2	0.26
(13,1903)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	2	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1903)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	2	0.26
(13,1903)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	2	0.26
(13,1880)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	3	0.26
(13,1880)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	3	0.26
(13,1853)	1:18:A:PHE:HE1	1:128:A:LEU:HG	5	0.26
(13,1853)	1:18:A:PHE:HE2	1:128:A:LEU:HG	5	0.26
(13,1831)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	8	0.26
(13,1831)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	8	0.26
(13,1831)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	8	0.26
(13,1831)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	8	0.26
(13,1831)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	8	0.26
(13,1831)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	8	0.26
(13,1826)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	3	0.26
(13,1826)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	3	0.26
(13,1818)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	15	0.26
(13,1818)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	15	0.26
(13,1817)	1:9:A:PHE:HZ	1:58:A:ILE:HG13	4	0.26
(13,1815)	1:9:A:PHE:HZ	1:11:A:ILE:HA	16	0.26
(13,1778)	1:71:A:LYS:HD2	1:72:A:PHE:HE1	5	0.26
(13,1778)	1:71:A:LYS:HD2	1:72:A:PHE:HE2	5	0.26
(13,1778)	1:71:A:LYS:HD3	1:72:A:PHE:HE1	5	0.26
(13,1778)	1:71:A:LYS:HD3	1:72:A:PHE:HE2	5	0.26
(13,1763)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	12	0.26
(13,1763)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	12	0.26
(13,1763)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	12	0.26
(13,1763)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	12	0.26
(13,1762)	1:9:A:PHE:HD1	1:11:A:ILE:HB	12	0.26
(13,1762)	1:9:A:PHE:HD2	1:11:A:ILE:HB	12	0.26
(13,1753)	1:13:A:ALA:HA	1:80:A:TYR:HD1	17	0.26
(13,1753)	1:13:A:ALA:HA	1:80:A:TYR:HD2	17	0.26
(13,1616)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	17	0.26
(13,1616)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	17	0.26
(13,1616)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	17	0.26
(13,1616)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	17	0.26
(13,1616)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	17	0.26
(13,1616)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	17	0.26
(13,1616)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	17	0.26
(13,1616)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	17	0.26
(13,1616)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	17	0.26
(13,1555)	1:98:A:ILE:HG21	1:116:A:GLN:H	1	0.26
(13,1555)	1:98:A:ILE:HG22	1:116:A:GLN:H	1	0.26
(13,1555)	1:98:A:ILE:HG23	1:116:A:GLN:H	1	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1551)	1:101:A:ILE:HD11	1:112:A:GLN:HA	14	0.26
(13,1551)	1:101:A:ILE:HD12	1:112:A:GLN:HA	14	0.26
(13,1551)	1:101:A:ILE:HD13	1:112:A:GLN:HA	14	0.26
(13,1543)	1:61:A:SER:HA	1:63:A:ILE:HD11	11	0.26
(13,1543)	1:61:A:SER:HA	1:63:A:ILE:HD12	11	0.26
(13,1543)	1:61:A:SER:HA	1:63:A:ILE:HD13	11	0.26
(13,1508)	1:76:A:ARG:HE	1:110:A:MET:HE1	11	0.26
(13,1508)	1:76:A:ARG:HE	1:110:A:MET:HE2	11	0.26
(13,1508)	1:76:A:ARG:HE	1:110:A:MET:HE3	11	0.26
(13,1484)	1:98:A:ILE:HG21	1:101:A:ILE:HB	5	0.26
(13,1484)	1:98:A:ILE:HG22	1:101:A:ILE:HB	5	0.26
(13,1484)	1:98:A:ILE:HG23	1:101:A:ILE:HB	5	0.26
(13,1461)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	4	0.26
(13,1461)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	4	0.26
(13,1461)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	4	0.26
(13,1461)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	4	0.26
(13,1461)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	4	0.26
(13,1461)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	4	0.26
(13,1453)	1:101:A:ILE:HG21	1:116:A:GLN:H	8	0.26
(13,1453)	1:101:A:ILE:HG22	1:116:A:GLN:H	8	0.26
(13,1453)	1:101:A:ILE:HG23	1:116:A:GLN:H	8	0.26
(13,1415)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	2	0.26
(13,1415)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	2	0.26
(13,1265)	1:128:A:LEU:HD21	1:129:A:LYS:H	10	0.26
(13,1265)	1:128:A:LEU:HD22	1:129:A:LYS:H	10	0.26
(13,1265)	1:128:A:LEU:HD23	1:129:A:LYS:H	10	0.26
(13,1250)	1:45:A:ALA:HA	1:48:A:ARG:HB2	17	0.26
(13,1250)	1:45:A:ALA:HA	1:48:A:ARG:HB3	17	0.26
(13,1216)	1:38:A:GLU:HG2	1:139:A:LEU:HD21	3	0.26
(13,1216)	1:38:A:GLU:HG2	1:139:A:LEU:HD22	3	0.26
(13,1216)	1:38:A:GLU:HG2	1:139:A:LEU:HD23	3	0.26
(13,1216)	1:38:A:GLU:HG3	1:139:A:LEU:HD21	3	0.26
(13,1216)	1:38:A:GLU:HG3	1:139:A:LEU:HD22	3	0.26
(13,1216)	1:38:A:GLU:HG3	1:139:A:LEU:HD23	3	0.26
(13,1212)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	2	0.26
(13,1212)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	2	0.26
(13,1212)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	2	0.26
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	1	0.26
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	1	0.26
(13,1166)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	1	0.26
(13,1152)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	1	0.26
(13,1152)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	1	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1152)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	1	0.26
(13,1138)	1:150:A:THR:HG21	1:151:A:PHE:HA	11	0.26
(13,1138)	1:150:A:THR:HG22	1:151:A:PHE:HA	11	0.26
(13,1138)	1:150:A:THR:HG23	1:151:A:PHE:HA	11	0.26
(13,1073)	1:68:A:LYS:HA	1:72:A:PHE:HD1	5	0.26
(13,1073)	1:68:A:LYS:HA	1:72:A:PHE:HD2	5	0.26
(13,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	6	0.26
(13,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	6	0.26
(13,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	6	0.26
(13,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	6	0.26
(13,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	9	0.26
(13,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	9	0.26
(13,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	9	0.26
(13,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	9	0.26
(13,997)	1:34:A:LYS:H	1:81:A:GLU:HB2	10	0.26
(13,920)	1:69:A:MET:HG2	1:109:A:PRO:HA	17	0.26
(13,831)	1:68:A:LYS:HA	1:68:A:LYS:HE2	6	0.26
(13,831)	1:68:A:LYS:HA	1:68:A:LYS:HE3	6	0.26
(13,763)	1:101:A:ILE:HD11	1:116:A:GLN:HA	19	0.26
(13,763)	1:101:A:ILE:HD12	1:116:A:GLN:HA	19	0.26
(13,763)	1:101:A:ILE:HD13	1:116:A:GLN:HA	19	0.26
(13,737)	1:147:A:ARG:HA	1:147:A:ARG:HE	18	0.26
(13,701)	1:45:A:ALA:H	1:48:A:ARG:HE	3	0.26
(13,697)	1:45:A:ALA:HB1	1:48:A:ARG:HE	18	0.26
(13,697)	1:45:A:ALA:HB2	1:48:A:ARG:HE	18	0.26
(13,697)	1:45:A:ALA:HB3	1:48:A:ARG:HE	18	0.26
(13,575)	1:128:A:LEU:HD21	1:130:A:GLY:H	11	0.26
(13,575)	1:128:A:LEU:HD22	1:130:A:GLY:H	11	0.26
(13,575)	1:128:A:LEU:HD23	1:130:A:GLY:H	11	0.26
(13,575)	1:128:A:LEU:HD21	1:130:A:GLY:H	12	0.26
(13,575)	1:128:A:LEU:HD22	1:130:A:GLY:H	12	0.26
(13,575)	1:128:A:LEU:HD23	1:130:A:GLY:H	12	0.26
(13,568)	1:11:A:ILE:HD11	1:16:A:SER:H	4	0.26
(13,568)	1:11:A:ILE:HD12	1:16:A:SER:H	4	0.26
(13,568)	1:11:A:ILE:HD13	1:16:A:SER:H	4	0.26
(13,355)	1:23:A:LEU:HB2	1:26:A:ASP:H	6	0.26
(13,355)	1:23:A:LEU:HB3	1:26:A:ASP:H	6	0.26
(13,327)	1:121:A:VAL:H	1:122:A:ASP:H	2	0.26
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE1	18	0.26
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE2	18	0.26
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE3	18	0.26
(13,234)	1:50:A:ALA:H	1:52:A:CYS:H	11	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,66)	1:13:A:ALA:HB1	1:81:A:GLU:H	4	0.26
(13,66)	1:13:A:ALA:HB2	1:81:A:GLU:H	4	0.26
(13,66)	1:13:A:ALA:HB3	1:81:A:GLU:H	4	0.26
(13,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	5	0.26
(13,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	5	0.26
(13,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	10	0.26
(13,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	10	0.26
(11,2417)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	19	0.26
(11,2417)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	19	0.26
(11,2417)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	19	0.26
(11,2417)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	19	0.26
(11,2417)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	19	0.26
(11,2417)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	19	0.26
(11,2417)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	19	0.26
(11,2417)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	19	0.26
(11,2417)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	19	0.26
(11,2417)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	19	0.26
(11,2417)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	19	0.26
(11,2417)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	19	0.26
(11,2216)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	2	0.26
(11,2216)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	2	0.26
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD11	3	0.26
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD12	3	0.26
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD13	3	0.26
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD21	3	0.26
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD22	3	0.26
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD23	3	0.26
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG11	18	0.26
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG12	18	0.26
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG13	18	0.26
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG21	18	0.26
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG22	18	0.26
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG23	18	0.26
(11,2055)	1:23:A:LEU:HD11	1:26:A:ASP:HA	9	0.26
(11,2055)	1:23:A:LEU:HD12	1:26:A:ASP:HA	9	0.26
(11,2055)	1:23:A:LEU:HD13	1:26:A:ASP:HA	9	0.26
(11,2055)	1:23:A:LEU:HD21	1:26:A:ASP:HA	9	0.26
(11,2055)	1:23:A:LEU:HD22	1:26:A:ASP:HA	9	0.26
(11,2055)	1:23:A:LEU:HD23	1:26:A:ASP:HA	9	0.26
(11,2048)	1:21:A:THR:HB	1:23:A:LEU:HD11	6	0.26
(11,2048)	1:21:A:THR:HB	1:23:A:LEU:HD12	6	0.26
(11,2048)	1:21:A:THR:HB	1:23:A:LEU:HD13	6	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2048)	1:21:A:THR:HB	1:23:A:LEU:HD21	6	0.26
(11,2048)	1:21:A:THR:HB	1:23:A:LEU:HD22	6	0.26
(11,2048)	1:21:A:THR:HB	1:23:A:LEU:HD23	6	0.26
(11,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	4	0.26
(11,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	4	0.26
(11,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	4	0.26
(11,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	4	0.26
(11,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	4	0.26
(11,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	4	0.26
(11,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	4	0.26
(11,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	4	0.26
(11,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	4	0.26
(11,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	4	0.26
(11,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	4	0.26
(11,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	4	0.26
(11,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	4	0.26
(11,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	4	0.26
(11,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	4	0.26
(11,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	4	0.26
(11,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	4	0.26
(11,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	4	0.26
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	3	0.26
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	3	0.26
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	3	0.26
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD21	3	0.26
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD22	3	0.26
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD23	3	0.26
(11,1978)	1:11:A:ILE:HG12	1:57:A:LEU:HD11	17	0.26
(11,1978)	1:11:A:ILE:HG12	1:57:A:LEU:HD12	17	0.26
(11,1978)	1:11:A:ILE:HG12	1:57:A:LEU:HD13	17	0.26
(11,1978)	1:11:A:ILE:HG12	1:57:A:LEU:HD21	17	0.26
(11,1978)	1:11:A:ILE:HG12	1:57:A:LEU:HD22	17	0.26
(11,1978)	1:11:A:ILE:HG12	1:57:A:LEU:HD23	17	0.26
(11,1962)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	2	0.26
(11,1962)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	2	0.26
(11,1962)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	2	0.26
(11,1962)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	2	0.26
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	9	0.26
(11,1926)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	9	0.26
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	9	0.26
(11,1926)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	9	0.26
(11,1924)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	5	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1924)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	5	0.26
(11,1924)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	5	0.26
(11,1924)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	5	0.26
(11,1924)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	5	0.26
(11,1924)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	5	0.26
(11,1923)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	3	0.26
(11,1923)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	3	0.26
(11,1923)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	13	0.26
(11,1923)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	13	0.26
(11,1904)	1:104:A:PHE:HE1	1:113:A:PHE:HA	9	0.26
(11,1904)	1:104:A:PHE:HE2	1:113:A:PHE:HA	9	0.26
(11,1877)	1:9:A:PHE:HZ	1:11:A:ILE:HA	16	0.26
(11,1875)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	3	0.26
(11,1875)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	3	0.26
(11,1846)	1:71:A:LYS:HD2	1:72:A:PHE:HE1	5	0.26
(11,1846)	1:71:A:LYS:HD2	1:72:A:PHE:HE2	5	0.26
(11,1846)	1:71:A:LYS:HD3	1:72:A:PHE:HE1	5	0.26
(11,1846)	1:71:A:LYS:HD3	1:72:A:PHE:HE2	5	0.26
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	1	0.26
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	1	0.26
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	1	0.26
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	1	0.26
(11,1814)	1:80:A:TYR:H	1:80:A:TYR:HD1	5	0.26
(11,1814)	1:80:A:TYR:H	1:80:A:TYR:HD2	5	0.26
(11,1707)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	6	0.26
(11,1707)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	6	0.26
(11,1668)	1:114:A:ILE:HG21	1:117:A:VAL:HG21	17	0.26
(11,1668)	1:114:A:ILE:HG21	1:117:A:VAL:HG22	17	0.26
(11,1668)	1:114:A:ILE:HG21	1:117:A:VAL:HG23	17	0.26
(11,1668)	1:114:A:ILE:HG22	1:117:A:VAL:HG21	17	0.26
(11,1668)	1:114:A:ILE:HG22	1:117:A:VAL:HG22	17	0.26
(11,1668)	1:114:A:ILE:HG22	1:117:A:VAL:HG23	17	0.26
(11,1668)	1:114:A:ILE:HG23	1:117:A:VAL:HG21	17	0.26
(11,1668)	1:114:A:ILE:HG23	1:117:A:VAL:HG22	17	0.26
(11,1668)	1:114:A:ILE:HG23	1:117:A:VAL:HG23	17	0.26
(11,1642)	1:128:A:LEU:HD21	1:130:A:GLY:H	11	0.26
(11,1642)	1:128:A:LEU:HD22	1:130:A:GLY:H	11	0.26
(11,1642)	1:128:A:LEU:HD23	1:130:A:GLY:H	11	0.26
(11,1642)	1:128:A:LEU:HD21	1:130:A:GLY:H	12	0.26
(11,1642)	1:128:A:LEU:HD22	1:130:A:GLY:H	12	0.26
(11,1642)	1:128:A:LEU:HD23	1:130:A:GLY:H	12	0.26
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD11	18	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD12	18	0.26
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD13	18	0.26
(11,1531)	1:98:A:ILE:HG21	1:101:A:ILE:HB	5	0.26
(11,1531)	1:98:A:ILE:HG22	1:101:A:ILE:HB	5	0.26
(11,1531)	1:98:A:ILE:HG23	1:101:A:ILE:HB	5	0.26
(11,1508)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	8	0.26
(11,1508)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	8	0.26
(11,1508)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	8	0.26
(11,1508)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	8	0.26
(11,1508)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	8	0.26
(11,1508)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	8	0.26
(11,1479)	1:13:A:ALA:HB1	1:79:A:THR:HB	2	0.26
(11,1479)	1:13:A:ALA:HB2	1:79:A:THR:HB	2	0.26
(11,1479)	1:13:A:ALA:HB3	1:79:A:THR:HB	2	0.26
(11,1383)	1:21:A:THR:HG21	1:23:A:LEU:HD11	6	0.26
(11,1383)	1:21:A:THR:HG21	1:23:A:LEU:HD12	6	0.26
(11,1383)	1:21:A:THR:HG21	1:23:A:LEU:HD13	6	0.26
(11,1383)	1:21:A:THR:HG22	1:23:A:LEU:HD11	6	0.26
(11,1383)	1:21:A:THR:HG22	1:23:A:LEU:HD12	6	0.26
(11,1383)	1:21:A:THR:HG22	1:23:A:LEU:HD13	6	0.26
(11,1383)	1:21:A:THR:HG23	1:23:A:LEU:HD11	6	0.26
(11,1383)	1:21:A:THR:HG23	1:23:A:LEU:HD12	6	0.26
(11,1383)	1:21:A:THR:HG23	1:23:A:LEU:HD13	6	0.26
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	2	0.26
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	2	0.26
(11,1324)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	2	0.26
(11,1307)	1:68:A:LYS:HG2	1:70:A:LYS:H	2	0.26
(11,1307)	1:68:A:LYS:HG3	1:70:A:LYS:H	2	0.26
(11,1295)	1:45:A:ALA:HA	1:48:A:ARG:HB2	17	0.26
(11,1295)	1:45:A:ALA:HA	1:48:A:ARG:HB3	17	0.26
(11,1253)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	2	0.26
(11,1253)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	2	0.26
(11,1253)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	2	0.26
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD11	10	0.26
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD12	10	0.26
(11,1244)	1:43:A:MET:HE1	1:144:A:LEU:HD13	10	0.26
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD11	10	0.26
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD12	10	0.26
(11,1244)	1:43:A:MET:HE2	1:144:A:LEU:HD13	10	0.26
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD11	10	0.26
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD12	10	0.26
(11,1244)	1:43:A:MET:HE3	1:144:A:LEU:HD13	10	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1241)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	13	0.26
(11,1241)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	13	0.26
(11,1241)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	13	0.26
(11,1203)	1:23:A:LEU:HA	1:23:A:LEU:HD21	3	0.26
(11,1203)	1:23:A:LEU:HA	1:23:A:LEU:HD22	3	0.26
(11,1203)	1:23:A:LEU:HA	1:23:A:LEU:HD23	3	0.26
(11,1172)	1:150:A:THR:HG21	1:151:A:PHE:HA	11	0.26
(11,1172)	1:150:A:THR:HG22	1:151:A:PHE:HA	11	0.26
(11,1172)	1:150:A:THR:HG23	1:151:A:PHE:HA	11	0.26
(11,1098)	1:70:A:LYS:HA	1:70:A:LYS:HE2	4	0.26
(11,1098)	1:70:A:LYS:HA	1:70:A:LYS:HE3	4	0.26
(11,994)	1:105:A:LYS:HD2	1:107:A:LEU:H	9	0.26
(11,994)	1:105:A:LYS:HD3	1:107:A:LEU:H	9	0.26
(11,956)	1:40:A:LEU:HA	1:43:A:MET:HG2	3	0.26
(11,799)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	14	0.26
(11,799)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	14	0.26
(11,799)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	14	0.26
(11,775)	1:101:A:ILE:HD11	1:116:A:GLN:HA	19	0.26
(11,775)	1:101:A:ILE:HD12	1:116:A:GLN:HA	19	0.26
(11,775)	1:101:A:ILE:HD13	1:116:A:GLN:HA	19	0.26
(11,671)	1:116:A:GLN:HG3	1:117:A:VAL:H	11	0.26
(11,621)	1:96:A:VAL:H	1:97:A:ASP:H	15	0.26
(11,555)	1:73:A:ILE:HD11	1:110:A:MET:H	5	0.26
(11,555)	1:73:A:ILE:HD12	1:110:A:MET:H	5	0.26
(11,555)	1:73:A:ILE:HD13	1:110:A:MET:H	5	0.26
(11,555)	1:73:A:ILE:HD11	1:110:A:MET:H	7	0.26
(11,555)	1:73:A:ILE:HD12	1:110:A:MET:H	7	0.26
(11,555)	1:73:A:ILE:HD13	1:110:A:MET:H	7	0.26
(11,540)	1:60:A:LEU:HD21	1:61:A:SER:H	19	0.26
(11,540)	1:60:A:LEU:HD22	1:61:A:SER:H	19	0.26
(11,540)	1:60:A:LEU:HD23	1:61:A:SER:H	19	0.26
(11,487)	1:79:A:THR:H	1:79:A:THR:HG21	5	0.26
(11,487)	1:79:A:THR:H	1:79:A:THR:HG22	5	0.26
(11,487)	1:79:A:THR:H	1:79:A:THR:HG23	5	0.26
(11,379)	1:40:A:LEU:HB3	1:41:A:LYS:H	11	0.26
(11,334)	1:121:A:VAL:H	1:122:A:ASP:H	2	0.26
(11,233)	1:50:A:ALA:H	1:52:A:CYS:H	14	0.26
(11,55)	1:98:A:ILE:H	1:101:A:ILE:HG21	6	0.26
(11,55)	1:98:A:ILE:H	1:101:A:ILE:HG22	6	0.26
(11,55)	1:98:A:ILE:H	1:101:A:ILE:HG23	6	0.26
(11,49)	1:44:A:GLU:HG3	1:47:A:ALA:H	16	0.26
(11,43)	1:43:A:MET:HA	1:47:A:ALA:H	14	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2430)	1:144:A:LEU:HD11	1:147:A:ARG:H	2	0.26
(9,2430)	1:144:A:LEU:HD12	1:147:A:ARG:H	2	0.26
(9,2430)	1:144:A:LEU:HD13	1:147:A:ARG:H	2	0.26
(9,2430)	1:144:A:LEU:HD21	1:147:A:ARG:H	2	0.26
(9,2430)	1:144:A:LEU:HD22	1:147:A:ARG:H	2	0.26
(9,2430)	1:144:A:LEU:HD23	1:147:A:ARG:H	2	0.26
(9,2269)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	1	0.26
(9,2269)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	1	0.26
(9,2269)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	1	0.26
(9,2269)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	1	0.26
(9,2269)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	1	0.26
(9,2269)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	1	0.26
(9,2269)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	1	0.26
(9,2269)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	1	0.26
(9,2269)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	1	0.26
(9,2269)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	1	0.26
(9,2269)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	1	0.26
(9,2269)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	1	0.26
(9,2238)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	6	0.26
(9,2238)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	6	0.26
(9,2238)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	6	0.26
(9,2238)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	6	0.26
(9,2238)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	6	0.26
(9,2238)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	6	0.26
(9,2200)	1:69:A:MET:HG2	1:109:A:PRO:HA	7	0.26
(9,2200)	1:69:A:MET:HG3	1:109:A:PRO:HA	7	0.26
(9,2131)	1:47:A:ALA:H	1:131:A:LEU:HD11	4	0.26
(9,2131)	1:47:A:ALA:H	1:131:A:LEU:HD12	4	0.26
(9,2131)	1:47:A:ALA:H	1:131:A:LEU:HD13	4	0.26
(9,2131)	1:47:A:ALA:H	1:131:A:LEU:HD21	4	0.26
(9,2131)	1:47:A:ALA:H	1:131:A:LEU:HD22	4	0.26
(9,2131)	1:47:A:ALA:H	1:131:A:LEU:HD23	4	0.26
(9,2118)	1:42:A:GLU:HB2	1:139:A:LEU:HD11	17	0.26
(9,2118)	1:42:A:GLU:HB2	1:139:A:LEU:HD12	17	0.26
(9,2118)	1:42:A:GLU:HB2	1:139:A:LEU:HD13	17	0.26
(9,2118)	1:42:A:GLU:HB2	1:139:A:LEU:HD21	17	0.26
(9,2118)	1:42:A:GLU:HB2	1:139:A:LEU:HD22	17	0.26
(9,2118)	1:42:A:GLU:HB2	1:139:A:LEU:HD23	17	0.26
(9,2118)	1:42:A:GLU:HB3	1:139:A:LEU:HD11	17	0.26
(9,2118)	1:42:A:GLU:HB3	1:139:A:LEU:HD12	17	0.26
(9,2118)	1:42:A:GLU:HB3	1:139:A:LEU:HD13	17	0.26
(9,2118)	1:42:A:GLU:HB3	1:139:A:LEU:HD21	17	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2118)	1:42:A:GLU:HB3	1:139:A:LEU:HD22	17	0.26
(9,2118)	1:42:A:GLU:HB3	1:139:A:LEU:HD23	17	0.26
(9,2084)	1:39:A:VAL:HA	1:139:A:LEU:HD11	4	0.26
(9,2084)	1:39:A:VAL:HA	1:139:A:LEU:HD12	4	0.26
(9,2084)	1:39:A:VAL:HA	1:139:A:LEU:HD13	4	0.26
(9,2084)	1:39:A:VAL:HA	1:139:A:LEU:HD21	4	0.26
(9,2084)	1:39:A:VAL:HA	1:139:A:LEU:HD22	4	0.26
(9,2084)	1:39:A:VAL:HA	1:139:A:LEU:HD23	4	0.26
(9,2023)	1:23:A:LEU:HD11	1:147:A:ARG:H	18	0.26
(9,2023)	1:23:A:LEU:HD12	1:147:A:ARG:H	18	0.26
(9,2023)	1:23:A:LEU:HD13	1:147:A:ARG:H	18	0.26
(9,2023)	1:23:A:LEU:HD21	1:147:A:ARG:H	18	0.26
(9,2023)	1:23:A:LEU:HD22	1:147:A:ARG:H	18	0.26
(9,2023)	1:23:A:LEU:HD23	1:147:A:ARG:H	18	0.26
(9,2005)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	6	0.26
(9,2005)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	6	0.26
(9,2005)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	6	0.26
(9,2005)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	6	0.26
(9,2005)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	6	0.26
(9,2005)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	6	0.26
(9,2005)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	6	0.26
(9,2005)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	6	0.26
(9,2005)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	6	0.26
(9,2005)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	6	0.26
(9,2005)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	6	0.26
(9,2005)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	6	0.26
(9,1908)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	6	0.26
(9,1901)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	11	0.26
(9,1901)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	11	0.26
(9,1810)	1:71:A:LYS:HD2	1:72:A:PHE:HE1	5	0.26
(9,1810)	1:71:A:LYS:HD2	1:72:A:PHE:HE2	5	0.26
(9,1810)	1:71:A:LYS:HD3	1:72:A:PHE:HE1	5	0.26
(9,1810)	1:71:A:LYS:HD3	1:72:A:PHE:HE2	5	0.26
(9,1792)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	12	0.26
(9,1792)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	12	0.26
(9,1781)	1:13:A:ALA:HA	1:80:A:TYR:HD1	19	0.26
(9,1781)	1:13:A:ALA:HA	1:80:A:TYR:HD2	19	0.26
(9,1664)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	6	0.26
(9,1664)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	6	0.26
(9,1625)	1:121:A:VAL:H	1:122:A:ASP:HA	11	0.26
(9,1568)	1:61:A:SER:HA	1:63:A:ILE:HD11	11	0.26
(9,1568)	1:61:A:SER:HA	1:63:A:ILE:HD12	11	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1568)	1:61:A:SER:HA	1:63:A:ILE:HD13	11	0.26
(9,1507)	1:98:A:ILE:HG21	1:101:A:ILE:HB	5	0.26
(9,1507)	1:98:A:ILE:HG22	1:101:A:ILE:HB	5	0.26
(9,1507)	1:98:A:ILE:HG23	1:101:A:ILE:HB	5	0.26
(9,1482)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	4	0.26
(9,1482)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	4	0.26
(9,1482)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	4	0.26
(9,1482)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	4	0.26
(9,1482)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	4	0.26
(9,1482)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	4	0.26
(9,1474)	1:101:A:ILE:HG21	1:116:A:GLN:H	8	0.26
(9,1474)	1:101:A:ILE:HG22	1:116:A:GLN:H	8	0.26
(9,1474)	1:101:A:ILE:HG23	1:116:A:GLN:H	8	0.26
(9,1438)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	2	0.26
(9,1438)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	2	0.26
(9,1276)	1:45:A:ALA:HA	1:48:A:ARG:HB2	17	0.26
(9,1276)	1:45:A:ALA:HA	1:48:A:ARG:HB3	17	0.26
(9,1248)	1:21:A:THR:HG21	1:23:A:LEU:HA	5	0.26
(9,1248)	1:21:A:THR:HG22	1:23:A:LEU:HA	5	0.26
(9,1248)	1:21:A:THR:HG23	1:23:A:LEU:HA	5	0.26
(9,1152)	1:71:A:LYS:HA	1:71:A:LYS:HE2	19	0.26
(9,1152)	1:71:A:LYS:HA	1:71:A:LYS:HE3	19	0.26
(9,1087)	1:70:A:LYS:HA	1:70:A:LYS:HE2	4	0.26
(9,1087)	1:70:A:LYS:HA	1:70:A:LYS:HE3	4	0.26
(9,1066)	1:54:A:ARG:HA	1:58:A:ILE:HG13	9	0.26
(9,1055)	1:43:A:MET:HB2	1:140:A:LEU:HG	18	0.26
(9,1037)	1:11:A:ILE:HA	1:11:A:ILE:HD11	8	0.26
(9,1037)	1:11:A:ILE:HA	1:11:A:ILE:HD12	8	0.26
(9,1037)	1:11:A:ILE:HA	1:11:A:ILE:HD13	8	0.26
(9,1029)	1:11:A:ILE:HG12	1:43:A:MET:HB3	1	0.26
(9,974)	1:47:A:ALA:HB1	1:134:A:VAL:HB	5	0.26
(9,974)	1:47:A:ALA:HB2	1:134:A:VAL:HB	5	0.26
(9,974)	1:47:A:ALA:HB3	1:134:A:VAL:HB	5	0.26
(9,921)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	7	0.26
(9,921)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	7	0.26
(9,921)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	7	0.26
(9,921)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	7	0.26
(9,890)	1:73:A:ILE:HB	1:76:A:ARG:HA	9	0.26
(9,890)	1:73:A:ILE:HB	1:76:A:ARG:HA	10	0.26
(9,858)	1:18:A:PHE:HZ	1:60:A:LEU:HB2	12	0.26
(9,843)	1:68:A:LYS:HA	1:68:A:LYS:HE2	6	0.26
(9,843)	1:68:A:LYS:HA	1:68:A:LYS:HE3	6	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	6	0.26
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	6	0.26
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	6	0.26
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	6	0.26
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	6	0.26
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	6	0.26
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	6	0.26
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	6	0.26
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	6	0.26
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD11	4	0.26
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD12	4	0.26
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD13	4	0.26
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD11	7	0.26
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD12	7	0.26
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD13	7	0.26
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD11	12	0.26
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD12	12	0.26
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD13	12	0.26
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD11	16	0.26
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD12	16	0.26
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD13	16	0.26
(9,792)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	1	0.26
(9,792)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	1	0.26
(9,792)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	1	0.26
(9,792)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	1	0.26
(9,792)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	1	0.26
(9,792)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	1	0.26
(9,775)	1:101:A:ILE:HD11	1:116:A:GLN:HA	19	0.26
(9,775)	1:101:A:ILE:HD12	1:116:A:GLN:HA	19	0.26
(9,775)	1:101:A:ILE:HD13	1:116:A:GLN:HA	19	0.26
(9,708)	1:44:A:GLU:HG2	1:48:A:ARG:HE	9	0.26
(9,708)	1:44:A:GLU:HG3	1:48:A:ARG:HE	9	0.26
(9,706)	1:45:A:ALA:HB1	1:48:A:ARG:HE	18	0.26
(9,706)	1:45:A:ALA:HB2	1:48:A:ARG:HE	18	0.26
(9,706)	1:45:A:ALA:HB3	1:48:A:ARG:HE	18	0.26
(9,674)	1:18:A:PHE:HB3	1:132:A:ALA:H	6	0.26
(9,545)	1:60:A:LEU:HD21	1:61:A:SER:H	19	0.26
(9,545)	1:60:A:LEU:HD22	1:61:A:SER:H	19	0.26
(9,545)	1:60:A:LEU:HD23	1:61:A:SER:H	19	0.26
(9,370)	1:23:A:LEU:HB2	1:26:A:ASP:H	6	0.26
(9,370)	1:23:A:LEU:HB3	1:26:A:ASP:H	6	0.26
(9,341)	1:121:A:VAL:H	1:122:A:ASP:H	2	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,236)	1:11:A:ILE:HB	1:44:A:GLU:H	16	0.26
(9,69)	1:13:A:ALA:HB1	1:81:A:GLU:H	4	0.26
(9,69)	1:13:A:ALA:HB2	1:81:A:GLU:H	4	0.26
(9,69)	1:13:A:ALA:HB3	1:81:A:GLU:H	4	0.26
(9,48)	1:44:A:GLU:HG3	1:47:A:ALA:H	16	0.26
(9,43)	1:98:A:ILE:H	1:105:A:LYS:HA	3	0.26
(7,2425)	1:136:A:CYS:HB2	1:141:A:LYS:H	2	0.26
(7,2425)	1:136:A:CYS:HB3	1:141:A:LYS:H	2	0.26
(7,2336)	1:111:A:GLU:H	1:111:A:GLU:HG2	5	0.26
(7,2336)	1:111:A:GLU:H	1:111:A:GLU:HG3	5	0.26
(7,2336)	1:111:A:GLU:H	1:111:A:GLU:HG2	10	0.26
(7,2336)	1:111:A:GLU:H	1:111:A:GLU:HG3	10	0.26
(7,2184)	1:60:A:LEU:HD11	1:123:A:CYS:H	7	0.26
(7,2184)	1:60:A:LEU:HD12	1:123:A:CYS:H	7	0.26
(7,2184)	1:60:A:LEU:HD13	1:123:A:CYS:H	7	0.26
(7,2184)	1:60:A:LEU:HD21	1:123:A:CYS:H	7	0.26
(7,2184)	1:60:A:LEU:HD22	1:123:A:CYS:H	7	0.26
(7,2184)	1:60:A:LEU:HD23	1:123:A:CYS:H	7	0.26
(7,2175)	1:59:A:CYS:HA	1:60:A:LEU:HD11	5	0.26
(7,2175)	1:59:A:CYS:HA	1:60:A:LEU:HD12	5	0.26
(7,2175)	1:59:A:CYS:HA	1:60:A:LEU:HD13	5	0.26
(7,2175)	1:59:A:CYS:HA	1:60:A:LEU:HD21	5	0.26
(7,2175)	1:59:A:CYS:HA	1:60:A:LEU:HD22	5	0.26
(7,2175)	1:59:A:CYS:HA	1:60:A:LEU:HD23	5	0.26
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	6	0.26
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	6	0.26
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	6	0.26
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	6	0.26
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	6	0.26
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	6	0.26
(7,2093)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	19	0.26
(7,2093)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	19	0.26
(7,2093)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	19	0.26
(7,2093)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	19	0.26
(7,2093)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	19	0.26
(7,2093)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	19	0.26
(7,2077)	1:39:A:VAL:HA	1:139:A:LEU:HD11	4	0.26
(7,2077)	1:39:A:VAL:HA	1:139:A:LEU:HD12	4	0.26
(7,2077)	1:39:A:VAL:HA	1:139:A:LEU:HD13	4	0.26
(7,2077)	1:39:A:VAL:HA	1:139:A:LEU:HD21	4	0.26
(7,2077)	1:39:A:VAL:HA	1:139:A:LEU:HD22	4	0.26
(7,2077)	1:39:A:VAL:HA	1:139:A:LEU:HD23	4	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2040)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	15	0.26
(7,2040)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	15	0.26
(7,2040)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	15	0.26
(7,2040)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	15	0.26
(7,2040)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	15	0.26
(7,2040)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	15	0.26
(7,1995)	1:23:A:LEU:HD11	1:24:A:ASP:H	12	0.26
(7,1995)	1:23:A:LEU:HD12	1:24:A:ASP:H	12	0.26
(7,1995)	1:23:A:LEU:HD13	1:24:A:ASP:H	12	0.26
(7,1995)	1:23:A:LEU:HD21	1:24:A:ASP:H	12	0.26
(7,1995)	1:23:A:LEU:HD22	1:24:A:ASP:H	12	0.26
(7,1995)	1:23:A:LEU:HD23	1:24:A:ASP:H	12	0.26
(7,1963)	1:16:A:SER:HB2	1:43:A:MET:HE1	8	0.26
(7,1963)	1:16:A:SER:HB2	1:43:A:MET:HE2	8	0.26
(7,1963)	1:16:A:SER:HB2	1:43:A:MET:HE3	8	0.26
(7,1963)	1:16:A:SER:HB3	1:43:A:MET:HE1	8	0.26
(7,1963)	1:16:A:SER:HB3	1:43:A:MET:HE2	8	0.26
(7,1963)	1:16:A:SER:HB3	1:43:A:MET:HE3	8	0.26
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	2	0.26
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	2	0.26
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	2	0.26
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	2	0.26
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	2	0.26
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	2	0.26
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	2	0.26
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	2	0.26
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	2	0.26
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	2	0.26
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	2	0.26
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	2	0.26
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	2	0.26
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	2	0.26
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	2	0.26
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	2	0.26
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	2	0.26
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	2	0.26
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD11	19	0.26
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD12	19	0.26
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD13	19	0.26
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD21	19	0.26
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD22	19	0.26
(7,1920)	1:11:A:ILE:HG12	1:60:A:LEU:HD23	19	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1885)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	3	0.26
(7,1885)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	3	0.26
(7,1877)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	6	0.26
(7,1838)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	3	0.26
(7,1838)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	3	0.26
(7,1824)	1:9:A:PHE:HZ	1:11:A:ILE:HA	16	0.26
(7,1796)	1:71:A:LYS:HD2	1:72:A:PHE:HZ	5	0.26
(7,1796)	1:71:A:LYS:HD3	1:72:A:PHE:HZ	5	0.26
(7,1796)	1:71:A:LYS:HD2	1:72:A:PHE:HZ	7	0.26
(7,1796)	1:71:A:LYS:HD3	1:72:A:PHE:HZ	7	0.26
(7,1766)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	12	0.26
(7,1766)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	12	0.26
(7,1766)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	12	0.26
(7,1766)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	12	0.26
(7,1765)	1:9:A:PHE:HD1	1:11:A:ILE:HB	12	0.26
(7,1765)	1:9:A:PHE:HD2	1:11:A:ILE:HB	12	0.26
(7,1751)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	12	0.26
(7,1751)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	12	0.26
(7,1751)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	12	0.26
(7,1751)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	12	0.26
(7,1749)	1:80:A:TYR:HD1	1:81:A:GLU:HA	12	0.26
(7,1749)	1:80:A:TYR:HD2	1:81:A:GLU:HA	12	0.26
(7,1706)	1:31:A:PRO:HB2	1:35:A:LEU:HA	4	0.26
(7,1706)	1:31:A:PRO:HB3	1:35:A:LEU:HA	4	0.26
(7,1636)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	12	0.26
(7,1636)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	12	0.26
(7,1636)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	12	0.26
(7,1636)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	12	0.26
(7,1558)	1:98:A:ILE:HG21	1:116:A:GLN:H	1	0.26
(7,1558)	1:98:A:ILE:HG22	1:116:A:GLN:H	1	0.26
(7,1558)	1:98:A:ILE:HG23	1:116:A:GLN:H	1	0.26
(7,1554)	1:101:A:ILE:HD11	1:112:A:GLN:HA	9	0.26
(7,1554)	1:101:A:ILE:HD12	1:112:A:GLN:HA	9	0.26
(7,1554)	1:101:A:ILE:HD13	1:112:A:GLN:HA	9	0.26
(7,1492)	1:98:A:ILE:HG21	1:101:A:ILE:HB	5	0.26
(7,1492)	1:98:A:ILE:HG22	1:101:A:ILE:HB	5	0.26
(7,1492)	1:98:A:ILE:HG23	1:101:A:ILE:HB	5	0.26
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE1	13	0.26
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE2	13	0.26
(7,1486)	1:43:A:MET:HA	1:43:A:MET:HE3	13	0.26
(7,1479)	1:114:A:ILE:HG21	1:117:A:VAL:HB	8	0.26
(7,1479)	1:114:A:ILE:HG22	1:117:A:VAL:HB	8	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1479)	1:114:A:ILE:HG23	1:117:A:VAL:HB	8	0.26
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	15	0.26
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	15	0.26
(7,1477)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	15	0.26
(7,1461)	1:101:A:ILE:HG21	1:102:A:PRO:HD3	5	0.26
(7,1461)	1:101:A:ILE:HG22	1:102:A:PRO:HD3	5	0.26
(7,1461)	1:101:A:ILE:HG23	1:102:A:PRO:HD3	5	0.26
(7,1461)	1:101:A:ILE:HG21	1:102:A:PRO:HD3	16	0.26
(7,1461)	1:101:A:ILE:HG22	1:102:A:PRO:HD3	16	0.26
(7,1461)	1:101:A:ILE:HG23	1:102:A:PRO:HD3	16	0.26
(7,1457)	1:101:A:ILE:HG21	1:116:A:GLN:H	8	0.26
(7,1457)	1:101:A:ILE:HG22	1:116:A:GLN:H	8	0.26
(7,1457)	1:101:A:ILE:HG23	1:116:A:GLN:H	8	0.26
(7,1426)	1:50:A:ALA:HB1	1:130:A:GLY:H	16	0.26
(7,1426)	1:50:A:ALA:HB2	1:130:A:GLY:H	16	0.26
(7,1426)	1:50:A:ALA:HB3	1:130:A:GLY:H	16	0.26
(7,1424)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	2	0.26
(7,1424)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	2	0.26
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG21	7	0.26
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG22	7	0.26
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG23	7	0.26
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG21	13	0.26
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG22	13	0.26
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG23	13	0.26
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG21	17	0.26
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG22	17	0.26
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG23	17	0.26
(7,1260)	1:45:A:ALA:HA	1:48:A:ARG:HB2	17	0.26
(7,1260)	1:45:A:ALA:HA	1:48:A:ARG:HB3	17	0.26
(7,1220)	1:38:A:GLU:HB2	1:139:A:LEU:HD21	17	0.26
(7,1220)	1:38:A:GLU:HB2	1:139:A:LEU:HD22	17	0.26
(7,1220)	1:38:A:GLU:HB2	1:139:A:LEU:HD23	17	0.26
(7,1214)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	2	0.26
(7,1214)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	2	0.26
(7,1214)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	2	0.26
(7,1204)	1:144:A:LEU:HA	1:144:A:LEU:HD21	10	0.26
(7,1204)	1:144:A:LEU:HA	1:144:A:LEU:HD22	10	0.26
(7,1204)	1:144:A:LEU:HA	1:144:A:LEU:HD23	10	0.26
(7,1204)	1:144:A:LEU:HA	1:144:A:LEU:HD21	14	0.26
(7,1204)	1:144:A:LEU:HA	1:144:A:LEU:HD22	14	0.26
(7,1204)	1:144:A:LEU:HA	1:144:A:LEU:HD23	14	0.26
(7,1200)	1:110:A:MET:HA	1:113:A:PHE:HB2	3	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1200)	1:110:A:MET:HA	1:113:A:PHE:HB2	6	0.26
(7,1200)	1:110:A:MET:HA	1:113:A:PHE:HB2	12	0.26
(7,1148)	1:140:A:LEU:H	1:140:A:LEU:HD21	17	0.26
(7,1148)	1:140:A:LEU:H	1:140:A:LEU:HD22	17	0.26
(7,1148)	1:140:A:LEU:H	1:140:A:LEU:HD23	17	0.26
(7,1070)	1:70:A:LYS:HA	1:70:A:LYS:HE2	4	0.26
(7,1070)	1:70:A:LYS:HA	1:70:A:LYS:HE3	4	0.26
(7,1036)	1:43:A:MET:HB2	1:140:A:LEU:HG	18	0.26
(7,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	6	0.26
(7,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	6	0.26
(7,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	6	0.26
(7,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	6	0.26
(7,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	9	0.26
(7,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	9	0.26
(7,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	9	0.26
(7,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	9	0.26
(7,926)	1:69:A:MET:HG2	1:109:A:PRO:HA	17	0.26
(7,911)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	4	0.26
(7,911)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	4	0.26
(7,911)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	4	0.26
(7,911)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	4	0.26
(7,837)	1:68:A:LYS:HA	1:68:A:LYS:HE2	6	0.26
(7,837)	1:68:A:LYS:HA	1:68:A:LYS:HE3	6	0.26
(7,836)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	2	0.26
(7,836)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	2	0.26
(7,836)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	2	0.26
(7,770)	1:101:A:ILE:HD11	1:119:A:LEU:HG	1	0.26
(7,770)	1:101:A:ILE:HD12	1:119:A:LEU:HG	1	0.26
(7,770)	1:101:A:ILE:HD13	1:119:A:LEU:HG	1	0.26
(7,768)	1:101:A:ILE:HD11	1:116:A:GLN:HA	19	0.26
(7,768)	1:101:A:ILE:HD12	1:116:A:GLN:HA	19	0.26
(7,768)	1:101:A:ILE:HD13	1:116:A:GLN:HA	19	0.26
(7,732)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	1	0.26
(7,732)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	3	0.26
(7,712)	1:9:A:PHE:HD1	1:54:A:ARG:HE	17	0.26
(7,712)	1:9:A:PHE:HD2	1:54:A:ARG:HE	17	0.26
(7,489)	1:79:A:THR:H	1:79:A:THR:HG21	5	0.26
(7,489)	1:79:A:THR:H	1:79:A:THR:HG22	5	0.26
(7,489)	1:79:A:THR:H	1:79:A:THR:HG23	5	0.26
(7,361)	1:70:A:LYS:H	1:70:A:LYS:HE2	3	0.26
(7,361)	1:70:A:LYS:H	1:70:A:LYS:HE3	3	0.26
(7,357)	1:23:A:LEU:HB2	1:26:A:ASP:H	6	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,357)	1:23:A:LEU:HB3	1:26:A:ASP:H	6	0.26
(7,343)	1:122:A:ASP:HB3	1:123:A:CYS:H	10	0.26
(7,329)	1:121:A:VAL:H	1:122:A:ASP:H	2	0.26
(7,237)	1:50:A:ALA:H	1:52:A:CYS:H	14	0.26
(7,233)	1:44:A:GLU:HG3	1:48:A:ARG:H	8	0.26
(6,2434)	1:136:A:CYS:HB2	1:141:A:LYS:H	2	0.26
(6,2434)	1:136:A:CYS:HB3	1:141:A:LYS:H	2	0.26
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD11	13	0.26
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD12	13	0.26
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD13	13	0.26
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD21	13	0.26
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD22	13	0.26
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD23	13	0.26
(6,2213)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	16	0.26
(6,2213)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	16	0.26
(6,2213)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	16	0.26
(6,2213)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	16	0.26
(6,2213)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	16	0.26
(6,2213)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	16	0.26
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	10	0.26
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	10	0.26
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	10	0.26
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	10	0.26
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	10	0.26
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	10	0.26
(6,2116)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	19	0.26
(6,2116)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	19	0.26
(6,2116)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	19	0.26
(6,2116)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	19	0.26
(6,2116)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	19	0.26
(6,2116)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	19	0.26
(6,2078)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	5	0.26
(6,2078)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	5	0.26
(6,2078)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	5	0.26
(6,2078)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	5	0.26
(6,2078)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	5	0.26
(6,2078)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	5	0.26
(6,2078)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	5	0.26
(6,2078)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	5	0.26
(6,2078)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	5	0.26
(6,2078)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	5	0.26
(6,2078)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	5	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2078)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	5	0.26
(6,2039)	1:21:A:THR:HB	1:23:A:LEU:HD11	6	0.26
(6,2039)	1:21:A:THR:HB	1:23:A:LEU:HD12	6	0.26
(6,2039)	1:21:A:THR:HB	1:23:A:LEU:HD13	6	0.26
(6,2039)	1:21:A:THR:HB	1:23:A:LEU:HD21	6	0.26
(6,2039)	1:21:A:THR:HB	1:23:A:LEU:HD22	6	0.26
(6,2039)	1:21:A:THR:HB	1:23:A:LEU:HD23	6	0.26
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD11	5	0.26
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD12	5	0.26
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD13	5	0.26
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD21	5	0.26
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD22	5	0.26
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD23	5	0.26
(6,1957)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	5	0.26
(6,1957)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	5	0.26
(6,1957)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	5	0.26
(6,1957)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	5	0.26
(6,1925)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	11	0.26
(6,1924)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	12	0.26
(6,1904)	1:18:A:PHE:HE1	1:117:A:VAL:HA	7	0.26
(6,1904)	1:18:A:PHE:HE2	1:117:A:VAL:HA	7	0.26
(6,1872)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	3	0.26
(6,1872)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	3	0.26
(6,1869)	1:113:A:PHE:HE1	1:114:A:ILE:HA	7	0.26
(6,1869)	1:113:A:PHE:HE2	1:114:A:ILE:HA	7	0.26
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	16	0.26
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	16	0.26
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	16	0.26
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	16	0.26
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	16	0.26
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	16	0.26
(6,1819)	1:71:A:LYS:HD2	1:72:A:PHE:HE1	5	0.26
(6,1819)	1:71:A:LYS:HD2	1:72:A:PHE:HE2	5	0.26
(6,1819)	1:71:A:LYS:HD3	1:72:A:PHE:HE1	5	0.26
(6,1819)	1:71:A:LYS:HD3	1:72:A:PHE:HE2	5	0.26
(6,1805)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	12	0.26
(6,1805)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	12	0.26
(6,1805)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	12	0.26
(6,1805)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	12	0.26
(6,1804)	1:9:A:PHE:HD1	1:11:A:ILE:HB	12	0.26
(6,1804)	1:9:A:PHE:HD2	1:11:A:ILE:HB	12	0.26
(6,1674)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	6	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1674)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	6	0.26
(6,1659)	1:69:A:MET:HA	1:69:A:MET:HE1	5	0.26
(6,1659)	1:69:A:MET:HA	1:69:A:MET:HE2	5	0.26
(6,1659)	1:69:A:MET:HA	1:69:A:MET:HE3	5	0.26
(6,1572)	1:61:A:SER:HA	1:63:A:ILE:HD11	11	0.26
(6,1572)	1:61:A:SER:HA	1:63:A:ILE:HD12	11	0.26
(6,1572)	1:61:A:SER:HA	1:63:A:ILE:HD13	11	0.26
(6,1535)	1:76:A:ARG:HE	1:110:A:MET:HE1	11	0.26
(6,1535)	1:76:A:ARG:HE	1:110:A:MET:HE2	11	0.26
(6,1535)	1:76:A:ARG:HE	1:110:A:MET:HE3	11	0.26
(6,1514)	1:69:A:MET:HE1	1:116:A:GLN:HE21	6	0.26
(6,1514)	1:69:A:MET:HE2	1:116:A:GLN:HE21	6	0.26
(6,1514)	1:69:A:MET:HE3	1:116:A:GLN:HE21	6	0.26
(6,1507)	1:98:A:ILE:HG21	1:101:A:ILE:HB	5	0.26
(6,1507)	1:98:A:ILE:HG22	1:101:A:ILE:HB	5	0.26
(6,1507)	1:98:A:ILE:HG23	1:101:A:ILE:HB	5	0.26
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE1	13	0.26
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE2	13	0.26
(6,1500)	1:43:A:MET:HA	1:43:A:MET:HE3	13	0.26
(6,1480)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	8	0.26
(6,1480)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	8	0.26
(6,1480)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	8	0.26
(6,1480)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	8	0.26
(6,1480)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	8	0.26
(6,1480)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	8	0.26
(6,1402)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	7	0.26
(6,1402)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	7	0.26
(6,1402)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	7	0.26
(6,1402)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	7	0.26
(6,1402)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	7	0.26
(6,1402)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	7	0.26
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	16	0.26
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	16	0.26
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	16	0.26
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	16	0.26
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	16	0.26
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	16	0.26
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD11	5	0.26
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD12	5	0.26
(6,1376)	1:100:A:ALA:HA	1:119:A:LEU:HD13	5	0.26
(6,1266)	1:45:A:ALA:HA	1:48:A:ARG:HB2	17	0.26
(6,1266)	1:45:A:ALA:HA	1:48:A:ARG:HB3	17	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1230)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	2	0.26
(6,1230)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	2	0.26
(6,1230)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	2	0.26
(6,1150)	1:150:A:THR:HG21	1:151:A:PHE:HA	11	0.26
(6,1150)	1:150:A:THR:HG22	1:151:A:PHE:HA	11	0.26
(6,1150)	1:150:A:THR:HG23	1:151:A:PHE:HA	11	0.26
(6,1076)	1:68:A:LYS:HA	1:72:A:PHE:HD1	5	0.26
(6,1076)	1:68:A:LYS:HA	1:72:A:PHE:HD2	5	0.26
(6,1073)	1:70:A:LYS:HA	1:70:A:LYS:HE2	4	0.26
(6,1073)	1:70:A:LYS:HA	1:70:A:LYS:HE3	4	0.26
(6,1053)	1:54:A:ARG:HA	1:58:A:ILE:HG13	9	0.26
(6,1003)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	6	0.26
(6,1003)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	6	0.26
(6,1003)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	6	0.26
(6,1003)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	6	0.26
(6,1003)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	9	0.26
(6,1003)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	9	0.26
(6,1003)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	9	0.26
(6,1003)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	9	0.26
(6,985)	1:98:A:ILE:HB	1:105:A:LYS:HB2	2	0.26
(6,985)	1:98:A:ILE:HB	1:105:A:LYS:HB3	2	0.26
(6,985)	1:98:A:ILE:HB	1:105:A:LYS:HB2	8	0.26
(6,985)	1:98:A:ILE:HB	1:105:A:LYS:HB3	8	0.26
(6,985)	1:98:A:ILE:HB	1:105:A:LYS:HB2	11	0.26
(6,985)	1:98:A:ILE:HB	1:105:A:LYS:HB3	11	0.26
(6,910)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	5	0.26
(6,910)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	5	0.26
(6,910)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	5	0.26
(6,837)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	2	0.26
(6,837)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	2	0.26
(6,837)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	2	0.26
(6,836)	1:43:A:MET:HE1	1:131:A:LEU:HB3	14	0.26
(6,836)	1:43:A:MET:HE2	1:131:A:LEU:HB3	14	0.26
(6,836)	1:43:A:MET:HE3	1:131:A:LEU:HB3	14	0.26
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	6	0.26
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	6	0.26
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	6	0.26
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	6	0.26
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	6	0.26
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	6	0.26
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	6	0.26
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	6	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	6	0.26
(6,793)	1:55:A:GLY:H	1:58:A:ILE:HD11	13	0.26
(6,793)	1:55:A:GLY:H	1:58:A:ILE:HD12	13	0.26
(6,793)	1:55:A:GLY:H	1:58:A:ILE:HD13	13	0.26
(6,792)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	14	0.26
(6,792)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	14	0.26
(6,792)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	14	0.26
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD11	4	0.26
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD12	4	0.26
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD13	4	0.26
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD11	7	0.26
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD12	7	0.26
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD13	7	0.26
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD11	12	0.26
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD12	12	0.26
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD13	12	0.26
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD11	16	0.26
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD12	16	0.26
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD13	16	0.26
(6,787)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	1	0.26
(6,787)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	1	0.26
(6,787)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	1	0.26
(6,787)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	1	0.26
(6,787)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	1	0.26
(6,787)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	1	0.26
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	12	0.26
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	12	0.26
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	12	0.26
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	12	0.26
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	12	0.26
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	12	0.26
(6,778)	1:63:A:ILE:HD11	1:64:A:LYS:H	14	0.26
(6,778)	1:63:A:ILE:HD12	1:64:A:LYS:H	14	0.26
(6,778)	1:63:A:ILE:HD13	1:64:A:LYS:H	14	0.26
(6,772)	1:101:A:ILE:HD11	1:119:A:LEU:HG	15	0.26
(6,772)	1:101:A:ILE:HD12	1:119:A:LEU:HG	15	0.26
(6,772)	1:101:A:ILE:HD13	1:119:A:LEU:HG	15	0.26
(6,770)	1:101:A:ILE:HD11	1:116:A:GLN:HA	19	0.26
(6,770)	1:101:A:ILE:HD12	1:116:A:GLN:HA	19	0.26
(6,770)	1:101:A:ILE:HD13	1:116:A:GLN:HA	19	0.26
(6,706)	1:45:A:ALA:HB1	1:48:A:ARG:HE	18	0.26
(6,706)	1:45:A:ALA:HB2	1:48:A:ARG:HE	18	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,706)	1:45:A:ALA:HB3	1:48:A:ARG:HE	18	0.26
(6,702)	1:23:A:LEU:HD21	1:27:A:ARG:HE	6	0.26
(6,702)	1:23:A:LEU:HD22	1:27:A:ARG:HE	6	0.26
(6,702)	1:23:A:LEU:HD23	1:27:A:ARG:HE	6	0.26
(6,702)	1:23:A:LEU:HD21	1:27:A:ARG:HE	12	0.26
(6,702)	1:23:A:LEU:HD22	1:27:A:ARG:HE	12	0.26
(6,702)	1:23:A:LEU:HD23	1:27:A:ARG:HE	12	0.26
(6,673)	1:18:A:PHE:HB3	1:132:A:ALA:H	6	0.26
(6,616)	1:96:A:VAL:H	1:97:A:ASP:H	18	0.26
(6,536)	1:60:A:LEU:HD21	1:61:A:SER:H	19	0.26
(6,536)	1:60:A:LEU:HD22	1:61:A:SER:H	19	0.26
(6,536)	1:60:A:LEU:HD23	1:61:A:SER:H	19	0.26
(6,483)	1:98:A:ILE:H	1:105:A:LYS:H	6	0.26
(6,328)	1:121:A:VAL:H	1:122:A:ASP:H	2	0.26
(6,280)	1:50:A:ALA:H	1:52:A:CYS:H	9	0.26
(6,230)	1:44:A:GLU:HG3	1:48:A:ARG:H	8	0.26
(6,43)	1:44:A:GLU:HG3	1:47:A:ALA:H	16	0.26
(6,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	5	0.26
(6,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	5	0.26
(6,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	10	0.26
(6,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	10	0.26
(5,2469)	1:144:A:LEU:HD11	1:147:A:ARG:H	2	0.26
(5,2469)	1:144:A:LEU:HD12	1:147:A:ARG:H	2	0.26
(5,2469)	1:144:A:LEU:HD13	1:147:A:ARG:H	2	0.26
(5,2469)	1:144:A:LEU:HD21	1:147:A:ARG:H	2	0.26
(5,2469)	1:144:A:LEU:HD22	1:147:A:ARG:H	2	0.26
(5,2469)	1:144:A:LEU:HD23	1:147:A:ARG:H	2	0.26
(5,2428)	1:137:A:SER:HB2	1:139:A:LEU:H	12	0.26
(5,2428)	1:137:A:SER:HB3	1:139:A:LEU:H	12	0.26
(5,2330)	1:107:A:LEU:HD11	1:112:A:GLN:H	16	0.26
(5,2330)	1:107:A:LEU:HD12	1:112:A:GLN:H	16	0.26
(5,2330)	1:107:A:LEU:HD13	1:112:A:GLN:H	16	0.26
(5,2330)	1:107:A:LEU:HD21	1:112:A:GLN:H	16	0.26
(5,2330)	1:107:A:LEU:HD22	1:112:A:GLN:H	16	0.26
(5,2330)	1:107:A:LEU:HD23	1:112:A:GLN:H	16	0.26
(5,2293)	1:98:A:ILE:H	1:104:A:PHE:HB2	6	0.26
(5,2293)	1:98:A:ILE:H	1:104:A:PHE:HB3	6	0.26
(5,2240)	1:69:A:MET:H	1:70:A:LYS:HG2	14	0.26
(5,2240)	1:69:A:MET:H	1:70:A:LYS:HG3	14	0.26
(5,2202)	1:60:A:LEU:HD11	1:120:A:CYS:HA	16	0.26
(5,2202)	1:60:A:LEU:HD12	1:120:A:CYS:HA	16	0.26
(5,2202)	1:60:A:LEU:HD13	1:120:A:CYS:HA	16	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2202)	1:60:A:LEU:HD21	1:120:A:CYS:HA	16	0.26
(5,2202)	1:60:A:LEU:HD22	1:120:A:CYS:HA	16	0.26
(5,2202)	1:60:A:LEU:HD23	1:120:A:CYS:HA	16	0.26
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD11	18	0.26
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD12	18	0.26
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD13	18	0.26
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD21	18	0.26
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD22	18	0.26
(5,2147)	1:43:A:MET:HE1	1:144:A:LEU:HD23	18	0.26
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD11	18	0.26
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD12	18	0.26
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD13	18	0.26
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD21	18	0.26
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD22	18	0.26
(5,2147)	1:43:A:MET:HE2	1:144:A:LEU:HD23	18	0.26
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD11	18	0.26
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD12	18	0.26
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD13	18	0.26
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD21	18	0.26
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD22	18	0.26
(5,2147)	1:43:A:MET:HE3	1:144:A:LEU:HD23	18	0.26
(5,2100)	1:39:A:VAL:HG11	1:43:A:MET:HB2	4	0.26
(5,2100)	1:39:A:VAL:HG12	1:43:A:MET:HB2	4	0.26
(5,2100)	1:39:A:VAL:HG13	1:43:A:MET:HB2	4	0.26
(5,2100)	1:39:A:VAL:HG21	1:43:A:MET:HB2	4	0.26
(5,2100)	1:39:A:VAL:HG22	1:43:A:MET:HB2	4	0.26
(5,2100)	1:39:A:VAL:HG23	1:43:A:MET:HB2	4	0.26
(5,2068)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	18	0.26
(5,2068)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	18	0.26
(5,2068)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	18	0.26
(5,2068)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	18	0.26
(5,2068)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	18	0.26
(5,2068)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	18	0.26
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD11	15	0.26
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD12	15	0.26
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD13	15	0.26
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD21	15	0.26
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD22	15	0.26
(5,2033)	1:25:A:ALA:HA	1:30:A:LEU:HD23	15	0.26
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG11	12	0.26
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG12	12	0.26
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG13	12	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG21	12	0.26
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG22	12	0.26
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG23	12	0.26
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG11	12	0.26
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG12	12	0.26
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG13	12	0.26
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG21	12	0.26
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG22	12	0.26
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG23	12	0.26
(5,2003)	1:17:A:ASN:HB2	1:63:A:ILE:HD11	12	0.26
(5,2003)	1:17:A:ASN:HB2	1:63:A:ILE:HD12	12	0.26
(5,2003)	1:17:A:ASN:HB2	1:63:A:ILE:HD13	12	0.26
(5,2003)	1:17:A:ASN:HB3	1:63:A:ILE:HD11	12	0.26
(5,2003)	1:17:A:ASN:HB3	1:63:A:ILE:HD12	12	0.26
(5,2003)	1:17:A:ASN:HB3	1:63:A:ILE:HD13	12	0.26
(5,1999)	1:16:A:SER:HB2	1:19:A:ALA:HB1	6	0.26
(5,1999)	1:16:A:SER:HB2	1:19:A:ALA:HB2	6	0.26
(5,1999)	1:16:A:SER:HB2	1:19:A:ALA:HB3	6	0.26
(5,1999)	1:16:A:SER:HB3	1:19:A:ALA:HB1	6	0.26
(5,1999)	1:16:A:SER:HB3	1:19:A:ALA:HB2	6	0.26
(5,1999)	1:16:A:SER:HB3	1:19:A:ALA:HB3	6	0.26
(5,1985)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	1	0.26
(5,1985)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	1	0.26
(5,1985)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	1	0.26
(5,1985)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	1	0.26
(5,1985)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	1	0.26
(5,1985)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	1	0.26
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	12	0.26
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	12	0.26
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	12	0.26
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	12	0.26
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	12	0.26
(5,1984)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	12	0.26
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	12	0.26
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	12	0.26
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	12	0.26
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	12	0.26
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	12	0.26
(5,1984)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	12	0.26
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	12	0.26
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	12	0.26
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	12	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	12	0.26
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	12	0.26
(5,1984)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	12	0.26
(5,1959)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	2	0.26
(5,1959)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	2	0.26
(5,1959)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	2	0.26
(5,1959)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	2	0.26
(5,1891)	1:113:A:PHE:HE1	1:114:A:ILE:HA	7	0.26
(5,1891)	1:113:A:PHE:HE2	1:114:A:ILE:HA	7	0.26
(5,1880)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	3	0.26
(5,1880)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	3	0.26
(5,1844)	1:71:A:LYS:HD2	1:72:A:PHE:HE1	5	0.26
(5,1844)	1:71:A:LYS:HD2	1:72:A:PHE:HE2	5	0.26
(5,1844)	1:71:A:LYS:HD3	1:72:A:PHE:HE1	5	0.26
(5,1844)	1:71:A:LYS:HD3	1:72:A:PHE:HE2	5	0.26
(5,1708)	1:72:A:PHE:HB2	1:109:A:PRO:HA	9	0.26
(5,1693)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	6	0.26
(5,1693)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	6	0.26
(5,1677)	1:69:A:MET:HE1	1:116:A:GLN:HE21	6	0.26
(5,1677)	1:69:A:MET:HE2	1:116:A:GLN:HE21	6	0.26
(5,1677)	1:69:A:MET:HE3	1:116:A:GLN:HE21	6	0.26
(5,1649)	1:121:A:VAL:H	1:122:A:ASP:HA	11	0.26
(5,1623)	1:73:A:ILE:HG21	1:111:A:GLU:H	17	0.26
(5,1623)	1:73:A:ILE:HG22	1:111:A:GLU:H	17	0.26
(5,1623)	1:73:A:ILE:HG23	1:111:A:GLU:H	17	0.26
(5,1611)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	2	0.26
(5,1611)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	2	0.26
(5,1611)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	2	0.26
(5,1528)	1:98:A:ILE:HG21	1:101:A:ILE:HB	5	0.26
(5,1528)	1:98:A:ILE:HG22	1:101:A:ILE:HB	5	0.26
(5,1528)	1:98:A:ILE:HG23	1:101:A:ILE:HB	5	0.26
(5,1496)	1:101:A:ILE:HG21	1:116:A:GLN:H	8	0.26
(5,1496)	1:101:A:ILE:HG22	1:116:A:GLN:H	8	0.26
(5,1496)	1:101:A:ILE:HG23	1:116:A:GLN:H	8	0.26
(5,1462)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	2	0.26
(5,1462)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	2	0.26
(5,1421)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	9	0.26
(5,1421)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	9	0.26
(5,1421)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	9	0.26
(5,1421)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	9	0.26
(5,1421)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	9	0.26
(5,1421)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	9	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1421)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	9	0.26
(5,1421)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	9	0.26
(5,1421)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	9	0.26
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG11	3	0.26
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG12	3	0.26
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG13	3	0.26
(5,1300)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	9	0.26
(5,1300)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	9	0.26
(5,1300)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	9	0.26
(5,1291)	1:45:A:ALA:HA	1:48:A:ARG:HB2	17	0.26
(5,1291)	1:45:A:ALA:HA	1:48:A:ARG:HB3	17	0.26
(5,1290)	1:44:A:GLU:HB2	1:45:A:ALA:HA	2	0.26
(5,1290)	1:44:A:GLU:HB3	1:45:A:ALA:HA	2	0.26
(5,1103)	1:141:A:LYS:HA	1:148:A:CYS:HB2	19	0.26
(5,1097)	1:141:A:LYS:HA	1:148:A:CYS:HB3	4	0.26
(5,1021)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	4	0.26
(5,1021)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	4	0.26
(5,966)	1:138:A:ASP:HA	1:141:A:LYS:HB2	14	0.26
(5,966)	1:138:A:ASP:HA	1:141:A:LYS:HB3	14	0.26
(5,959)	1:70:A:LYS:HB2	1:74:A:PRO:HA	6	0.26
(5,959)	1:70:A:LYS:HB3	1:74:A:PRO:HA	6	0.26
(5,931)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	6	0.26
(5,931)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	6	0.26
(5,931)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	6	0.26
(5,931)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	6	0.26
(5,914)	1:43:A:MET:HA	1:44:A:GLU:HG2	2	0.26
(5,880)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	15	0.26
(5,880)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	15	0.26
(5,880)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	15	0.26
(5,845)	1:68:A:LYS:HA	1:68:A:LYS:HE2	6	0.26
(5,845)	1:68:A:LYS:HA	1:68:A:LYS:HE3	6	0.26
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD11	7	0.26
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD12	7	0.26
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD13	7	0.26
(5,798)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	14	0.26
(5,798)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	14	0.26
(5,798)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	14	0.26
(5,776)	1:101:A:ILE:HD11	1:116:A:GLN:HA	19	0.26
(5,776)	1:101:A:ILE:HD12	1:116:A:GLN:HA	19	0.26
(5,776)	1:101:A:ILE:HD13	1:116:A:GLN:HA	19	0.26
(5,711)	1:45:A:ALA:HB1	1:48:A:ARG:HE	2	0.26
(5,711)	1:45:A:ALA:HB2	1:48:A:ARG:HE	2	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,711)	1:45:A:ALA:HB3	1:48:A:ARG:HE	2	0.26
(5,707)	1:23:A:LEU:HD21	1:27:A:ARG:HE	6	0.26
(5,707)	1:23:A:LEU:HD22	1:27:A:ARG:HE	6	0.26
(5,707)	1:23:A:LEU:HD23	1:27:A:ARG:HE	6	0.26
(5,707)	1:23:A:LEU:HD21	1:27:A:ARG:HE	12	0.26
(5,707)	1:23:A:LEU:HD22	1:27:A:ARG:HE	12	0.26
(5,707)	1:23:A:LEU:HD23	1:27:A:ARG:HE	12	0.26
(5,705)	1:28:A:GLY:H	1:30:A:LEU:HB2	6	0.26
(5,705)	1:28:A:GLY:H	1:30:A:LEU:HB3	6	0.26
(5,619)	1:96:A:VAL:H	1:97:A:ASP:H	18	0.26
(5,609)	1:55:A:GLY:H	1:58:A:ILE:HB	11	0.26
(5,569)	1:11:A:ILE:HD11	1:16:A:SER:H	4	0.26
(5,569)	1:11:A:ILE:HD12	1:16:A:SER:H	4	0.26
(5,569)	1:11:A:ILE:HD13	1:16:A:SER:H	4	0.26
(5,545)	1:73:A:ILE:HD11	1:110:A:MET:H	3	0.26
(5,545)	1:73:A:ILE:HD12	1:110:A:MET:H	3	0.26
(5,545)	1:73:A:ILE:HD13	1:110:A:MET:H	3	0.26
(5,325)	1:121:A:VAL:H	1:122:A:ASP:H	2	0.26
(5,280)	1:50:A:ALA:H	1:52:A:CYS:H	9	0.26
(5,74)	1:28:A:GLY:HA2	1:30:A:LEU:H	16	0.26
(5,74)	1:28:A:GLY:HA3	1:30:A:LEU:H	16	0.26
(5,74)	1:28:A:GLY:HA2	1:30:A:LEU:H	17	0.26
(5,74)	1:28:A:GLY:HA3	1:30:A:LEU:H	17	0.26
(4,2431)	1:136:A:CYS:HB2	1:141:A:LYS:H	3	0.26
(4,2431)	1:136:A:CYS:HB3	1:141:A:LYS:H	3	0.26
(4,2237)	1:69:A:MET:HG2	1:109:A:PRO:HA	7	0.26
(4,2237)	1:69:A:MET:HG3	1:109:A:PRO:HA	7	0.26
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD11	15	0.26
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD12	15	0.26
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD13	15	0.26
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD21	15	0.26
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD22	15	0.26
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD23	15	0.26
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG11	16	0.26
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG12	16	0.26
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG13	16	0.26
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG21	16	0.26
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG22	16	0.26
(4,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG23	16	0.26
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG11	16	0.26
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG12	16	0.26
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG13	16	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG21	16	0.26
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG22	16	0.26
(4,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG23	16	0.26
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG11	16	0.26
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG12	16	0.26
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG13	16	0.26
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG21	16	0.26
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG22	16	0.26
(4,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG23	16	0.26
(4,2114)	1:39:A:VAL:HG11	1:144:A:LEU:HD21	16	0.26
(4,2114)	1:39:A:VAL:HG11	1:144:A:LEU:HD22	16	0.26
(4,2114)	1:39:A:VAL:HG11	1:144:A:LEU:HD23	16	0.26
(4,2114)	1:39:A:VAL:HG12	1:144:A:LEU:HD21	16	0.26
(4,2114)	1:39:A:VAL:HG12	1:144:A:LEU:HD22	16	0.26
(4,2114)	1:39:A:VAL:HG12	1:144:A:LEU:HD23	16	0.26
(4,2114)	1:39:A:VAL:HG13	1:144:A:LEU:HD21	16	0.26
(4,2114)	1:39:A:VAL:HG13	1:144:A:LEU:HD22	16	0.26
(4,2114)	1:39:A:VAL:HG13	1:144:A:LEU:HD23	16	0.26
(4,2114)	1:39:A:VAL:HG21	1:144:A:LEU:HD21	16	0.26
(4,2114)	1:39:A:VAL:HG21	1:144:A:LEU:HD22	16	0.26
(4,2114)	1:39:A:VAL:HG21	1:144:A:LEU:HD23	16	0.26
(4,2114)	1:39:A:VAL:HG22	1:144:A:LEU:HD21	16	0.26
(4,2114)	1:39:A:VAL:HG22	1:144:A:LEU:HD22	16	0.26
(4,2114)	1:39:A:VAL:HG22	1:144:A:LEU:HD23	16	0.26
(4,2114)	1:39:A:VAL:HG23	1:144:A:LEU:HD21	16	0.26
(4,2114)	1:39:A:VAL:HG23	1:144:A:LEU:HD22	16	0.26
(4,2114)	1:39:A:VAL:HG23	1:144:A:LEU:HD23	16	0.26
(4,2103)	1:39:A:VAL:HG11	1:44:A:GLU:H	16	0.26
(4,2103)	1:39:A:VAL:HG12	1:44:A:GLU:H	16	0.26
(4,2103)	1:39:A:VAL:HG13	1:44:A:GLU:H	16	0.26
(4,2103)	1:39:A:VAL:HG21	1:44:A:GLU:H	16	0.26
(4,2103)	1:39:A:VAL:HG22	1:44:A:GLU:H	16	0.26
(4,2103)	1:39:A:VAL:HG23	1:44:A:GLU:H	16	0.26
(4,2095)	1:39:A:VAL:HA	1:139:A:LEU:HD11	4	0.26
(4,2095)	1:39:A:VAL:HA	1:139:A:LEU:HD12	4	0.26
(4,2095)	1:39:A:VAL:HA	1:139:A:LEU:HD13	4	0.26
(4,2095)	1:39:A:VAL:HA	1:139:A:LEU:HD21	4	0.26
(4,2095)	1:39:A:VAL:HA	1:139:A:LEU:HD22	4	0.26
(4,2095)	1:39:A:VAL:HA	1:139:A:LEU:HD23	4	0.26
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD11	8	0.26
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD12	8	0.26
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD13	8	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD21	8	0.26
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD22	8	0.26
(4,2027)	1:20:A:THR:HG21	1:23:A:LEU:HD23	8	0.26
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD11	8	0.26
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD12	8	0.26
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD13	8	0.26
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD21	8	0.26
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD22	8	0.26
(4,2027)	1:20:A:THR:HG22	1:23:A:LEU:HD23	8	0.26
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD11	8	0.26
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD12	8	0.26
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD13	8	0.26
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD21	8	0.26
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD22	8	0.26
(4,2027)	1:20:A:THR:HG23	1:23:A:LEU:HD23	8	0.26
(4,2002)	1:16:A:SER:HB2	1:43:A:MET:HE1	8	0.26
(4,2002)	1:16:A:SER:HB2	1:43:A:MET:HE2	8	0.26
(4,2002)	1:16:A:SER:HB2	1:43:A:MET:HE3	8	0.26
(4,2002)	1:16:A:SER:HB3	1:43:A:MET:HE1	8	0.26
(4,2002)	1:16:A:SER:HB3	1:43:A:MET:HE2	8	0.26
(4,2002)	1:16:A:SER:HB3	1:43:A:MET:HE3	8	0.26
(4,1891)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	11	0.26
(4,1891)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	11	0.26
(4,1879)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	11	0.26
(4,1879)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	11	0.26
(4,1843)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	12	0.26
(4,1843)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	12	0.26
(4,1826)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	6	0.26
(4,1826)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	6	0.26
(4,1826)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	6	0.26
(4,1826)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	6	0.26
(4,1826)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	6	0.26
(4,1826)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	6	0.26
(4,1796)	1:71:A:LYS:HD2	1:72:A:PHE:HE1	5	0.26
(4,1796)	1:71:A:LYS:HD2	1:72:A:PHE:HE2	5	0.26
(4,1796)	1:71:A:LYS:HD3	1:72:A:PHE:HE1	5	0.26
(4,1796)	1:71:A:LYS:HD3	1:72:A:PHE:HE2	5	0.26
(4,1777)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	12	0.26
(4,1777)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	12	0.26
(4,1771)	1:72:A:PHE:HD1	1:109:A:PRO:HB2	8	0.26
(4,1771)	1:72:A:PHE:HD1	1:109:A:PRO:HB3	8	0.26
(4,1771)	1:72:A:PHE:HD2	1:109:A:PRO:HB2	8	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1771)	1:72:A:PHE:HD2	1:109:A:PRO:HB3	8	0.26
(4,1721)	1:31:A:PRO:HB2	1:35:A:LEU:HA	4	0.26
(4,1721)	1:31:A:PRO:HB3	1:35:A:LEU:HA	4	0.26
(4,1706)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	7	0.26
(4,1706)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	7	0.26
(4,1706)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	7	0.26
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD11	8	0.26
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD12	8	0.26
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD13	8	0.26
(4,1650)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	6	0.26
(4,1650)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	6	0.26
(4,1635)	1:69:A:MET:HA	1:69:A:MET:HE1	5	0.26
(4,1635)	1:69:A:MET:HA	1:69:A:MET:HE2	5	0.26
(4,1635)	1:69:A:MET:HA	1:69:A:MET:HE3	5	0.26
(4,1631)	1:46:A:ASN:HB3	1:134:A:VAL:HG21	4	0.26
(4,1631)	1:46:A:ASN:HB3	1:134:A:VAL:HG22	4	0.26
(4,1631)	1:46:A:ASN:HB3	1:134:A:VAL:HG23	4	0.26
(4,1611)	1:121:A:VAL:H	1:122:A:ASP:HA	11	0.26
(4,1562)	1:101:A:ILE:HD11	1:112:A:GLN:HA	14	0.26
(4,1562)	1:101:A:ILE:HD12	1:112:A:GLN:HA	14	0.26
(4,1562)	1:101:A:ILE:HD13	1:112:A:GLN:HA	14	0.26
(4,1520)	1:76:A:ARG:HE	1:110:A:MET:HE1	11	0.26
(4,1520)	1:76:A:ARG:HE	1:110:A:MET:HE2	11	0.26
(4,1520)	1:76:A:ARG:HE	1:110:A:MET:HE3	11	0.26
(4,1478)	1:114:A:ILE:HG21	1:117:A:VAL:HB	8	0.26
(4,1478)	1:114:A:ILE:HG22	1:117:A:VAL:HB	8	0.26
(4,1478)	1:114:A:ILE:HG23	1:117:A:VAL:HB	8	0.26
(4,1462)	1:101:A:ILE:HG21	1:115:A:ALA:HA	7	0.26
(4,1462)	1:101:A:ILE:HG22	1:115:A:ALA:HA	7	0.26
(4,1462)	1:101:A:ILE:HG23	1:115:A:ALA:HA	7	0.26
(4,1461)	1:101:A:ILE:HG21	1:116:A:GLN:H	8	0.26
(4,1461)	1:101:A:ILE:HG22	1:116:A:GLN:H	8	0.26
(4,1461)	1:101:A:ILE:HG23	1:116:A:GLN:H	8	0.26
(4,1443)	1:14:A:VAL:HB	1:15:A:ALA:HB1	4	0.26
(4,1443)	1:14:A:VAL:HB	1:15:A:ALA:HB2	4	0.26
(4,1443)	1:14:A:VAL:HB	1:15:A:ALA:HB3	4	0.26
(4,1441)	1:13:A:ALA:HB1	1:79:A:THR:HB	2	0.26
(4,1441)	1:13:A:ALA:HB2	1:79:A:THR:HB	2	0.26
(4,1441)	1:13:A:ALA:HB3	1:79:A:THR:HB	2	0.26
(4,1274)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	4	0.26
(4,1274)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	4	0.26
(4,1274)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	4	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1269)	1:128:A:LEU:HD21	1:129:A:LYS:H	10	0.26
(4,1269)	1:128:A:LEU:HD22	1:129:A:LYS:H	10	0.26
(4,1269)	1:128:A:LEU:HD23	1:129:A:LYS:H	10	0.26
(4,1236)	1:23:A:LEU:HD11	1:25:A:ALA:H	12	0.26
(4,1236)	1:23:A:LEU:HD12	1:25:A:ALA:H	12	0.26
(4,1236)	1:23:A:LEU:HD13	1:25:A:ALA:H	12	0.26
(4,1213)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	2	0.26
(4,1213)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	2	0.26
(4,1213)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	2	0.26
(4,1197)	1:110:A:MET:HA	1:113:A:PHE:HB2	10	0.26
(4,1072)	1:68:A:LYS:HA	1:72:A:PHE:HD1	11	0.26
(4,1072)	1:68:A:LYS:HA	1:72:A:PHE:HD2	11	0.26
(4,956)	1:138:A:ASP:HA	1:141:A:LYS:HB2	14	0.26
(4,956)	1:138:A:ASP:HA	1:141:A:LYS:HB3	14	0.26
(4,923)	1:81:A:GLU:HA	1:81:A:GLU:HG2	17	0.26
(4,923)	1:81:A:GLU:HA	1:81:A:GLU:HG3	17	0.26
(4,923)	1:81:A:GLU:HA	1:81:A:GLU:HG2	18	0.26
(4,923)	1:81:A:GLU:HA	1:81:A:GLU:HG3	18	0.26
(4,913)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	5	0.26
(4,913)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	5	0.26
(4,913)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	5	0.26
(4,844)	1:68:A:LYS:HA	1:68:A:LYS:HE2	6	0.26
(4,844)	1:68:A:LYS:HA	1:68:A:LYS:HE3	6	0.26
(4,842)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	2	0.26
(4,842)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	2	0.26
(4,842)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	2	0.26
(4,841)	1:43:A:MET:HE1	1:131:A:LEU:HB3	14	0.26
(4,841)	1:43:A:MET:HE2	1:131:A:LEU:HB3	14	0.26
(4,841)	1:43:A:MET:HE3	1:131:A:LEU:HB3	14	0.26
(4,836)	1:48:A:ARG:H	1:48:A:ARG:HD2	2	0.26
(4,836)	1:48:A:ARG:H	1:48:A:ARG:HD3	2	0.26
(4,836)	1:48:A:ARG:H	1:48:A:ARG:HD2	8	0.26
(4,836)	1:48:A:ARG:H	1:48:A:ARG:HD3	8	0.26
(4,833)	1:48:A:ARG:HD2	1:49:A:LYS:HA	15	0.26
(4,833)	1:48:A:ARG:HD3	1:49:A:LYS:HA	15	0.26
(4,768)	1:101:A:ILE:HD11	1:116:A:GLN:HA	19	0.26
(4,768)	1:101:A:ILE:HD12	1:116:A:GLN:HA	19	0.26
(4,768)	1:101:A:ILE:HD13	1:116:A:GLN:HA	19	0.26
(4,729)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	1	0.26
(4,729)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	3	0.26
(4,586)	1:27:A:ARG:HB2	1:28:A:GLY:H	17	0.26
(4,573)	1:128:A:LEU:HD21	1:130:A:GLY:H	11	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,573)	1:128:A:LEU:HD22	1:130:A:GLY:H	11	0.26
(4,573)	1:128:A:LEU:HD23	1:130:A:GLY:H	11	0.26
(4,573)	1:128:A:LEU:HD21	1:130:A:GLY:H	12	0.26
(4,573)	1:128:A:LEU:HD22	1:130:A:GLY:H	12	0.26
(4,573)	1:128:A:LEU:HD23	1:130:A:GLY:H	12	0.26
(4,543)	1:73:A:ILE:HD11	1:110:A:MET:H	3	0.26
(4,543)	1:73:A:ILE:HD12	1:110:A:MET:H	3	0.26
(4,543)	1:73:A:ILE:HD13	1:110:A:MET:H	3	0.26
(4,320)	1:121:A:VAL:H	1:122:A:ASP:H	2	0.26
(4,225)	1:44:A:GLU:HG3	1:48:A:ARG:H	8	0.26
(4,11)	1:64:A:LYS:H	1:116:A:GLN:HG2	6	0.26
(3,2499)	1:140:A:LEU:HD11	1:144:A:LEU:H	19	0.26
(3,2499)	1:140:A:LEU:HD12	1:144:A:LEU:H	19	0.26
(3,2499)	1:140:A:LEU:HD13	1:144:A:LEU:H	19	0.26
(3,2499)	1:140:A:LEU:HD21	1:144:A:LEU:H	19	0.26
(3,2499)	1:140:A:LEU:HD22	1:144:A:LEU:H	19	0.26
(3,2499)	1:140:A:LEU:HD23	1:144:A:LEU:H	19	0.26
(3,2467)	1:136:A:CYS:HB2	1:141:A:LYS:H	2	0.26
(3,2467)	1:136:A:CYS:HB3	1:141:A:LYS:H	2	0.26
(3,2361)	1:107:A:LEU:HD11	1:108:A:GLU:H	5	0.26
(3,2361)	1:107:A:LEU:HD12	1:108:A:GLU:H	5	0.26
(3,2361)	1:107:A:LEU:HD13	1:108:A:GLU:H	5	0.26
(3,2361)	1:107:A:LEU:HD21	1:108:A:GLU:H	5	0.26
(3,2361)	1:107:A:LEU:HD22	1:108:A:GLU:H	5	0.26
(3,2361)	1:107:A:LEU:HD23	1:108:A:GLU:H	5	0.26
(3,2317)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	13	0.26
(3,2317)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	13	0.26
(3,2317)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	13	0.26
(3,2317)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	13	0.26
(3,2317)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	13	0.26
(3,2317)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	13	0.26
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE1	17	0.26
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE2	17	0.26
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE3	17	0.26
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE1	17	0.26
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE2	17	0.26
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE3	17	0.26
(3,2233)	1:60:A:LEU:HD11	1:123:A:CYS:H	14	0.26
(3,2233)	1:60:A:LEU:HD12	1:123:A:CYS:H	14	0.26
(3,2233)	1:60:A:LEU:HD13	1:123:A:CYS:H	14	0.26
(3,2233)	1:60:A:LEU:HD21	1:123:A:CYS:H	14	0.26
(3,2233)	1:60:A:LEU:HD22	1:123:A:CYS:H	14	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2233)	1:60:A:LEU:HD23	1:123:A:CYS:H	14	0.26
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD11	3	0.26
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD12	3	0.26
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD13	3	0.26
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD21	3	0.26
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD22	3	0.26
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD23	3	0.26
(3,2172)	1:43:A:MET:HE1	1:131:A:LEU:HB2	10	0.26
(3,2172)	1:43:A:MET:HE1	1:131:A:LEU:HB3	10	0.26
(3,2172)	1:43:A:MET:HE2	1:131:A:LEU:HB2	10	0.26
(3,2172)	1:43:A:MET:HE2	1:131:A:LEU:HB3	10	0.26
(3,2172)	1:43:A:MET:HE3	1:131:A:LEU:HB2	10	0.26
(3,2172)	1:43:A:MET:HE3	1:131:A:LEU:HB3	10	0.26
(3,2142)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	19	0.26
(3,2142)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	19	0.26
(3,2142)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	19	0.26
(3,2142)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	19	0.26
(3,2142)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	19	0.26
(3,2142)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	19	0.26
(3,2110)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	19	0.26
(3,2110)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	19	0.26
(3,2110)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	19	0.26
(3,2110)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	19	0.26
(3,2110)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	19	0.26
(3,2110)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	19	0.26
(3,2103)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	19	0.26
(3,2103)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	19	0.26
(3,2103)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	19	0.26
(3,2103)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	19	0.26
(3,2103)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	19	0.26
(3,2103)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	19	0.26
(3,2103)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	19	0.26
(3,2103)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	19	0.26
(3,2103)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	19	0.26
(3,2103)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	19	0.26
(3,2103)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	19	0.26
(3,2103)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	19	0.26
(3,2076)	1:29:A:LYS:HB2	1:30:A:LEU:HD11	9	0.26
(3,2076)	1:29:A:LYS:HB2	1:30:A:LEU:HD12	9	0.26
(3,2076)	1:29:A:LYS:HB2	1:30:A:LEU:HD13	9	0.26
(3,2076)	1:29:A:LYS:HB2	1:30:A:LEU:HD21	9	0.26
(3,2076)	1:29:A:LYS:HB2	1:30:A:LEU:HD22	9	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2076)	1:29:A:LYS:HB2	1:30:A:LEU:HD23	9	0.26
(3,2076)	1:29:A:LYS:HB3	1:30:A:LEU:HD11	9	0.26
(3,2076)	1:29:A:LYS:HB3	1:30:A:LEU:HD12	9	0.26
(3,2076)	1:29:A:LYS:HB3	1:30:A:LEU:HD13	9	0.26
(3,2076)	1:29:A:LYS:HB3	1:30:A:LEU:HD21	9	0.26
(3,2076)	1:29:A:LYS:HB3	1:30:A:LEU:HD22	9	0.26
(3,2076)	1:29:A:LYS:HB3	1:30:A:LEU:HD23	9	0.26
(3,2045)	1:17:A:ASN:HD21	1:79:A:THR:H	11	0.26
(3,2045)	1:17:A:ASN:HD22	1:79:A:THR:H	11	0.26
(3,2026)	1:14:A:VAL:HG11	1:62:A:HIS:H	17	0.26
(3,2026)	1:14:A:VAL:HG12	1:62:A:HIS:H	17	0.26
(3,2026)	1:14:A:VAL:HG13	1:62:A:HIS:H	17	0.26
(3,2026)	1:14:A:VAL:HG21	1:62:A:HIS:H	17	0.26
(3,2026)	1:14:A:VAL:HG22	1:62:A:HIS:H	17	0.26
(3,2026)	1:14:A:VAL:HG23	1:62:A:HIS:H	17	0.26
(3,1985)	1:11:A:ILE:HD11	1:43:A:MET:HB2	14	0.26
(3,1985)	1:11:A:ILE:HD11	1:43:A:MET:HB3	14	0.26
(3,1985)	1:11:A:ILE:HD12	1:43:A:MET:HB2	14	0.26
(3,1985)	1:11:A:ILE:HD12	1:43:A:MET:HB3	14	0.26
(3,1985)	1:11:A:ILE:HD13	1:43:A:MET:HB2	14	0.26
(3,1985)	1:11:A:ILE:HD13	1:43:A:MET:HB3	14	0.26
(3,1942)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	11	0.26
(3,1942)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	11	0.26
(3,1940)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	12	0.26
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE1	6	0.26
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE2	6	0.26
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE1	18	0.26
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE2	18	0.26
(3,1895)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	3	0.26
(3,1895)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	3	0.26
(3,1881)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	3	0.26
(3,1881)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	3	0.26
(3,1843)	1:71:A:LYS:HD2	1:72:A:PHE:HE1	5	0.26
(3,1843)	1:71:A:LYS:HD2	1:72:A:PHE:HE2	5	0.26
(3,1843)	1:71:A:LYS:HD3	1:72:A:PHE:HE1	5	0.26
(3,1843)	1:71:A:LYS:HD3	1:72:A:PHE:HE2	5	0.26
(3,1828)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	12	0.26
(3,1828)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	12	0.26
(3,1828)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	12	0.26
(3,1828)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	12	0.26
(3,1827)	1:9:A:PHE:HD1	1:11:A:ILE:HB	12	0.26
(3,1827)	1:9:A:PHE:HD2	1:11:A:ILE:HB	12	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1761)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	7	0.26
(3,1761)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	7	0.26
(3,1761)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	7	0.26
(3,1715)	1:72:A:PHE:HB2	1:109:A:PRO:HA	9	0.26
(3,1690)	1:69:A:MET:HE1	1:116:A:GLN:HE21	6	0.26
(3,1690)	1:69:A:MET:HE2	1:116:A:GLN:HE21	6	0.26
(3,1690)	1:69:A:MET:HE3	1:116:A:GLN:HE21	6	0.26
(3,1688)	1:69:A:MET:HA	1:69:A:MET:HE1	5	0.26
(3,1688)	1:69:A:MET:HA	1:69:A:MET:HE2	5	0.26
(3,1688)	1:69:A:MET:HA	1:69:A:MET:HE3	5	0.26
(3,1598)	1:11:A:ILE:HD11	1:43:A:MET:H	5	0.26
(3,1598)	1:11:A:ILE:HD12	1:43:A:MET:H	5	0.26
(3,1598)	1:11:A:ILE:HD13	1:43:A:MET:H	5	0.26
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	4	0.26
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	4	0.26
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	4	0.26
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	4	0.26
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	4	0.26
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	4	0.26
(3,1533)	1:98:A:ILE:HG21	1:101:A:ILE:HB	3	0.26
(3,1533)	1:98:A:ILE:HG22	1:101:A:ILE:HB	3	0.26
(3,1533)	1:98:A:ILE:HG23	1:101:A:ILE:HB	3	0.26
(3,1525)	1:12:A:VAL:H	1:43:A:MET:HE1	12	0.26
(3,1525)	1:12:A:VAL:H	1:43:A:MET:HE2	12	0.26
(3,1525)	1:12:A:VAL:H	1:43:A:MET:HE3	12	0.26
(3,1495)	1:67:A:PRO:HD3	1:95:A:ILE:HA	5	0.26
(3,1442)	1:73:A:ILE:HG21	1:110:A:MET:HG2	7	0.26
(3,1442)	1:73:A:ILE:HG21	1:110:A:MET:HG3	7	0.26
(3,1442)	1:73:A:ILE:HG22	1:110:A:MET:HG2	7	0.26
(3,1442)	1:73:A:ILE:HG22	1:110:A:MET:HG3	7	0.26
(3,1442)	1:73:A:ILE:HG23	1:110:A:MET:HG2	7	0.26
(3,1442)	1:73:A:ILE:HG23	1:110:A:MET:HG3	7	0.26
(3,1442)	1:73:A:ILE:HG21	1:110:A:MET:HG2	9	0.26
(3,1442)	1:73:A:ILE:HG21	1:110:A:MET:HG3	9	0.26
(3,1442)	1:73:A:ILE:HG22	1:110:A:MET:HG2	9	0.26
(3,1442)	1:73:A:ILE:HG22	1:110:A:MET:HG3	9	0.26
(3,1442)	1:73:A:ILE:HG23	1:110:A:MET:HG2	9	0.26
(3,1442)	1:73:A:ILE:HG23	1:110:A:MET:HG3	9	0.26
(3,1430)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	7	0.26
(3,1430)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	7	0.26
(3,1430)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	7	0.26
(3,1430)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	7	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1430)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	7	0.26
(3,1430)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	7	0.26
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD21	13	0.26
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD22	13	0.26
(3,1270)	1:40:A:LEU:H	1:40:A:LEU:HD23	13	0.26
(3,1254)	1:140:A:LEU:HA	1:144:A:LEU:HD21	1	0.26
(3,1254)	1:140:A:LEU:HA	1:144:A:LEU:HD22	1	0.26
(3,1254)	1:140:A:LEU:HA	1:144:A:LEU:HD23	1	0.26
(3,1247)	1:144:A:LEU:HA	1:144:A:LEU:HD21	10	0.26
(3,1247)	1:144:A:LEU:HA	1:144:A:LEU:HD22	10	0.26
(3,1247)	1:144:A:LEU:HA	1:144:A:LEU:HD23	10	0.26
(3,1247)	1:144:A:LEU:HA	1:144:A:LEU:HD21	14	0.26
(3,1247)	1:144:A:LEU:HA	1:144:A:LEU:HD22	14	0.26
(3,1247)	1:144:A:LEU:HA	1:144:A:LEU:HD23	14	0.26
(3,1113)	1:136:A:CYS:HB3	1:141:A:LYS:HA	2	0.26
(3,1107)	1:70:A:LYS:HA	1:70:A:LYS:HE2	4	0.26
(3,1107)	1:70:A:LYS:HA	1:70:A:LYS:HE3	4	0.26
(3,1040)	1:113:A:PHE:HA	1:116:A:GLN:HG3	5	0.26
(3,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	6	0.26
(3,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	6	0.26
(3,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	6	0.26
(3,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	6	0.26
(3,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	9	0.26
(3,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	9	0.26
(3,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	9	0.26
(3,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	9	0.26
(3,1033)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	4	0.26
(3,1033)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	4	0.26
(3,1032)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	13	0.26
(3,966)	1:39:A:VAL:HA	1:140:A:LEU:HD11	18	0.26
(3,966)	1:39:A:VAL:HA	1:140:A:LEU:HD12	18	0.26
(3,966)	1:39:A:VAL:HA	1:140:A:LEU:HD13	18	0.26
(3,946)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	6	0.26
(3,946)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	6	0.26
(3,946)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	6	0.26
(3,946)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	6	0.26
(3,890)	1:72:A:PHE:HB3	1:73:A:ILE:HD11	11	0.26
(3,890)	1:72:A:PHE:HB3	1:73:A:ILE:HD12	11	0.26
(3,890)	1:72:A:PHE:HB3	1:73:A:ILE:HD13	11	0.26
(3,864)	1:68:A:LYS:HA	1:68:A:LYS:HE2	6	0.26
(3,864)	1:68:A:LYS:HA	1:68:A:LYS:HE3	6	0.26
(3,813)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	14	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,813)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	14	0.26
(3,813)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	14	0.26
(3,799)	1:63:A:ILE:HD11	1:64:A:LYS:H	14	0.26
(3,799)	1:63:A:ILE:HD12	1:64:A:LYS:H	14	0.26
(3,799)	1:63:A:ILE:HD13	1:64:A:LYS:H	14	0.26
(3,793)	1:101:A:ILE:HD11	1:119:A:LEU:HG	15	0.26
(3,793)	1:101:A:ILE:HD12	1:119:A:LEU:HG	15	0.26
(3,793)	1:101:A:ILE:HD13	1:119:A:LEU:HG	15	0.26
(3,778)	1:101:A:ILE:HD11	1:118:A:ASP:HB3	18	0.26
(3,778)	1:101:A:ILE:HD12	1:118:A:ASP:HB3	18	0.26
(3,778)	1:101:A:ILE:HD13	1:118:A:ASP:HB3	18	0.26
(3,755)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	1	0.26
(3,755)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	3	0.26
(3,739)	1:50:A:ALA:H	1:130:A:GLY:HA3	13	0.26
(3,721)	1:44:A:GLU:HG2	1:48:A:ARG:HE	9	0.26
(3,721)	1:44:A:GLU:HG3	1:48:A:ARG:HE	9	0.26
(3,719)	1:45:A:ALA:HB1	1:48:A:ARG:HE	18	0.26
(3,719)	1:45:A:ALA:HB2	1:48:A:ARG:HE	18	0.26
(3,719)	1:45:A:ALA:HB3	1:48:A:ARG:HE	18	0.26
(3,678)	1:116:A:GLN:HG3	1:117:A:VAL:H	11	0.26
(3,619)	1:55:A:GLY:H	1:58:A:ILE:HB	11	0.26
(3,572)	1:98:A:ILE:HG13	1:116:A:GLN:H	7	0.26
(3,555)	1:73:A:ILE:HD11	1:110:A:MET:H	5	0.26
(3,555)	1:73:A:ILE:HD12	1:110:A:MET:H	5	0.26
(3,555)	1:73:A:ILE:HD13	1:110:A:MET:H	5	0.26
(3,555)	1:73:A:ILE:HD11	1:110:A:MET:H	7	0.26
(3,555)	1:73:A:ILE:HD12	1:110:A:MET:H	7	0.26
(3,555)	1:73:A:ILE:HD13	1:110:A:MET:H	7	0.26
(3,506)	1:68:A:LYS:H	1:71:A:LYS:H	11	0.26
(3,491)	1:79:A:THR:H	1:79:A:THR:HG21	5	0.26
(3,491)	1:79:A:THR:H	1:79:A:THR:HG22	5	0.26
(3,491)	1:79:A:THR:H	1:79:A:THR:HG23	5	0.26
(3,362)	1:23:A:LEU:HB2	1:26:A:ASP:H	6	0.26
(3,362)	1:23:A:LEU:HB3	1:26:A:ASP:H	6	0.26
(3,343)	1:123:A:CYS:H	1:123:A:CYS:HB3	2	0.26
(3,333)	1:121:A:VAL:H	1:122:A:ASP:H	2	0.26
(3,285)	1:50:A:ALA:H	1:52:A:CYS:H	9	0.26
(3,242)	1:23:A:LEU:HD11	1:24:A:ASP:H	16	0.26
(3,242)	1:23:A:LEU:HD12	1:24:A:ASP:H	16	0.26
(3,242)	1:23:A:LEU:HD13	1:24:A:ASP:H	16	0.26
(3,175)	1:8:A:ASP:H	1:58:A:ILE:HG13	2	0.26
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD11	12	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD12	12	0.26
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD13	12	0.26
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD11	16	0.26
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD12	16	0.26
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD13	16	0.26
(3,45)	1:98:A:ILE:H	1:105:A:LYS:HA	3	0.26
(2,2434)	1:136:A:CYS:HB2	1:141:A:LYS:H	2	0.26
(2,2434)	1:136:A:CYS:HB3	1:141:A:LYS:H	2	0.26
(2,2267)	1:69:A:MET:H	1:70:A:LYS:HG2	14	0.26
(2,2267)	1:69:A:MET:H	1:70:A:LYS:HG3	14	0.26
(2,2230)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	16	0.26
(2,2230)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	16	0.26
(2,2230)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	16	0.26
(2,2230)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	16	0.26
(2,2230)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	16	0.26
(2,2230)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	16	0.26
(2,2189)	1:47:A:ALA:H	1:131:A:LEU:HD11	4	0.26
(2,2189)	1:47:A:ALA:H	1:131:A:LEU:HD12	4	0.26
(2,2189)	1:47:A:ALA:H	1:131:A:LEU:HD13	4	0.26
(2,2189)	1:47:A:ALA:H	1:131:A:LEU:HD21	4	0.26
(2,2189)	1:47:A:ALA:H	1:131:A:LEU:HD22	4	0.26
(2,2189)	1:47:A:ALA:H	1:131:A:LEU:HD23	4	0.26
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD11	9	0.26
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD12	9	0.26
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD13	9	0.26
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD21	9	0.26
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD22	9	0.26
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD23	9	0.26
(2,2057)	1:23:A:LEU:HD11	1:26:A:ASP:HA	9	0.26
(2,2057)	1:23:A:LEU:HD12	1:26:A:ASP:HA	9	0.26
(2,2057)	1:23:A:LEU:HD13	1:26:A:ASP:HA	9	0.26
(2,2057)	1:23:A:LEU:HD21	1:26:A:ASP:HA	9	0.26
(2,2057)	1:23:A:LEU:HD22	1:26:A:ASP:HA	9	0.26
(2,2057)	1:23:A:LEU:HD23	1:26:A:ASP:HA	9	0.26
(2,2054)	1:23:A:LEU:HD11	1:24:A:ASP:H	10	0.26
(2,2054)	1:23:A:LEU:HD12	1:24:A:ASP:H	10	0.26
(2,2054)	1:23:A:LEU:HD13	1:24:A:ASP:H	10	0.26
(2,2054)	1:23:A:LEU:HD21	1:24:A:ASP:H	10	0.26
(2,2054)	1:23:A:LEU:HD22	1:24:A:ASP:H	10	0.26
(2,2054)	1:23:A:LEU:HD23	1:24:A:ASP:H	10	0.26
(2,2049)	1:21:A:THR:HB	1:23:A:LEU:HD11	6	0.26
(2,2049)	1:21:A:THR:HB	1:23:A:LEU:HD12	6	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2049)	1:21:A:THR:HB	1:23:A:LEU:HD13	6	0.26
(2,2049)	1:21:A:THR:HB	1:23:A:LEU:HD21	6	0.26
(2,2049)	1:21:A:THR:HB	1:23:A:LEU:HD22	6	0.26
(2,2049)	1:21:A:THR:HB	1:23:A:LEU:HD23	6	0.26
(2,2042)	1:18:A:PHE:HB2	1:132:A:ALA:HA	12	0.26
(2,2042)	1:18:A:PHE:HB3	1:132:A:ALA:HA	12	0.26
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	16	0.26
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	16	0.26
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	16	0.26
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	16	0.26
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	16	0.26
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	16	0.26
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	16	0.26
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	16	0.26
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	16	0.26
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	16	0.26
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	16	0.26
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	16	0.26
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	16	0.26
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	16	0.26
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	16	0.26
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	16	0.26
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	16	0.26
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	16	0.26
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	16	0.26
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	16	0.26
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	16	0.26
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	16	0.26
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	16	0.26
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	16	0.26
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	16	0.26
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	16	0.26
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	16	0.26
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	16	0.26
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	16	0.26
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	16	0.26
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	16	0.26
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	16	0.26
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	16	0.26
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	16	0.26
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	16	0.26
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	16	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1976)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	5	0.26
(2,1976)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	5	0.26
(2,1976)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	5	0.26
(2,1976)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	5	0.26
(2,1976)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	5	0.26
(2,1976)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	5	0.26
(2,1969)	1:10:A:ASN:HD21	1:12:A:VAL:HG11	5	0.26
(2,1969)	1:10:A:ASN:HD21	1:12:A:VAL:HG12	5	0.26
(2,1969)	1:10:A:ASN:HD21	1:12:A:VAL:HG13	5	0.26
(2,1969)	1:10:A:ASN:HD21	1:12:A:VAL:HG21	5	0.26
(2,1969)	1:10:A:ASN:HD21	1:12:A:VAL:HG22	5	0.26
(2,1969)	1:10:A:ASN:HD21	1:12:A:VAL:HG23	5	0.26
(2,1969)	1:10:A:ASN:HD22	1:12:A:VAL:HG11	5	0.26
(2,1969)	1:10:A:ASN:HD22	1:12:A:VAL:HG12	5	0.26
(2,1969)	1:10:A:ASN:HD22	1:12:A:VAL:HG13	5	0.26
(2,1969)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	5	0.26
(2,1969)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	5	0.26
(2,1969)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	5	0.26
(2,1955)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	10	0.26
(2,1955)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	10	0.26
(2,1955)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	10	0.26
(2,1955)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	10	0.26
(2,1955)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	10	0.26
(2,1955)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	10	0.26
(2,1955)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	19	0.26
(2,1955)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	19	0.26
(2,1955)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	19	0.26
(2,1955)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	19	0.26
(2,1955)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	19	0.26
(2,1955)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	19	0.26
(2,1948)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	1	0.26
(2,1948)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	1	0.26
(2,1880)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	3	0.26
(2,1880)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	3	0.26
(2,1871)	1:79:A:THR:HB	1:80:A:TYR:HE1	19	0.26
(2,1871)	1:79:A:THR:HB	1:80:A:TYR:HE2	19	0.26
(2,1843)	1:71:A:LYS:HD2	1:72:A:PHE:HE1	5	0.26
(2,1843)	1:71:A:LYS:HD2	1:72:A:PHE:HE2	5	0.26
(2,1843)	1:71:A:LYS:HD3	1:72:A:PHE:HE1	5	0.26
(2,1843)	1:71:A:LYS:HD3	1:72:A:PHE:HE2	5	0.26
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	1	0.26
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	1	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	1	0.26
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	1	0.26
(2,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	12	0.26
(2,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	12	0.26
(2,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	12	0.26
(2,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	12	0.26
(2,1814)	1:13:A:ALA:HA	1:80:A:TYR:HD1	19	0.26
(2,1814)	1:13:A:ALA:HA	1:80:A:TYR:HD2	19	0.26
(2,1812)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	6	0.26
(2,1812)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	6	0.26
(2,1812)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	6	0.26
(2,1812)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	6	0.26
(2,1808)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	4	0.26
(2,1808)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	4	0.26
(2,1808)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	4	0.26
(2,1808)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	4	0.26
(2,1806)	1:80:A:TYR:HD1	1:81:A:GLU:HA	12	0.26
(2,1806)	1:80:A:TYR:HD2	1:81:A:GLU:HA	12	0.26
(2,1668)	1:46:A:ASN:HB3	1:134:A:VAL:HG21	4	0.26
(2,1668)	1:46:A:ASN:HB3	1:134:A:VAL:HG22	4	0.26
(2,1668)	1:46:A:ASN:HB3	1:134:A:VAL:HG23	4	0.26
(2,1652)	1:114:A:ILE:HG21	1:117:A:VAL:HG21	17	0.26
(2,1652)	1:114:A:ILE:HG21	1:117:A:VAL:HG22	17	0.26
(2,1652)	1:114:A:ILE:HG21	1:117:A:VAL:HG23	17	0.26
(2,1652)	1:114:A:ILE:HG22	1:117:A:VAL:HG21	17	0.26
(2,1652)	1:114:A:ILE:HG22	1:117:A:VAL:HG22	17	0.26
(2,1652)	1:114:A:ILE:HG22	1:117:A:VAL:HG23	17	0.26
(2,1652)	1:114:A:ILE:HG23	1:117:A:VAL:HG21	17	0.26
(2,1652)	1:114:A:ILE:HG23	1:117:A:VAL:HG22	17	0.26
(2,1652)	1:114:A:ILE:HG23	1:117:A:VAL:HG23	17	0.26
(2,1539)	1:110:A:MET:HE1	1:114:A:ILE:HG12	13	0.26
(2,1539)	1:110:A:MET:HE2	1:114:A:ILE:HG12	13	0.26
(2,1539)	1:110:A:MET:HE3	1:114:A:ILE:HG12	13	0.26
(2,1538)	1:76:A:ARG:HE	1:110:A:MET:HE1	11	0.26
(2,1538)	1:76:A:ARG:HE	1:110:A:MET:HE2	11	0.26
(2,1538)	1:76:A:ARG:HE	1:110:A:MET:HE3	11	0.26
(2,1512)	1:98:A:ILE:HG21	1:101:A:ILE:HB	5	0.26
(2,1512)	1:98:A:ILE:HG22	1:101:A:ILE:HB	5	0.26
(2,1512)	1:98:A:ILE:HG23	1:101:A:ILE:HB	5	0.26
(2,1500)	1:114:A:ILE:HG21	1:117:A:VAL:HB	8	0.26
(2,1500)	1:114:A:ILE:HG22	1:117:A:VAL:HB	8	0.26
(2,1500)	1:114:A:ILE:HG23	1:117:A:VAL:HB	8	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1492)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	4	0.26
(2,1492)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	4	0.26
(2,1492)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	4	0.26
(2,1492)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	4	0.26
(2,1492)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	4	0.26
(2,1492)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	4	0.26
(2,1485)	1:101:A:ILE:HG21	1:116:A:GLN:H	8	0.26
(2,1485)	1:101:A:ILE:HG22	1:116:A:GLN:H	8	0.26
(2,1485)	1:101:A:ILE:HG23	1:116:A:GLN:H	8	0.26
(2,1470)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	6	0.26
(2,1470)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	6	0.26
(2,1470)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	6	0.26
(2,1467)	1:13:A:ALA:HB1	1:79:A:THR:HB	2	0.26
(2,1467)	1:13:A:ALA:HB2	1:79:A:THR:HB	2	0.26
(2,1467)	1:13:A:ALA:HB3	1:79:A:THR:HB	2	0.26
(2,1449)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	2	0.26
(2,1449)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	2	0.26
(2,1404)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	9	0.26
(2,1404)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	9	0.26
(2,1404)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	9	0.26
(2,1404)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	9	0.26
(2,1404)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	9	0.26
(2,1404)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	9	0.26
(2,1404)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	9	0.26
(2,1404)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	9	0.26
(2,1404)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	9	0.26
(2,1256)	1:23:A:LEU:HD11	1:25:A:ALA:H	12	0.26
(2,1256)	1:23:A:LEU:HD12	1:25:A:ALA:H	12	0.26
(2,1256)	1:23:A:LEU:HD13	1:25:A:ALA:H	12	0.26
(2,1230)	1:139:A:LEU:HD21	1:143:A:TRP:HE1	2	0.26
(2,1230)	1:139:A:LEU:HD22	1:143:A:TRP:HE1	2	0.26
(2,1230)	1:139:A:LEU:HD23	1:143:A:TRP:HE1	2	0.26
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD21	11	0.26
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD22	11	0.26
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD23	11	0.26
(2,1152)	1:150:A:THR:HG21	1:151:A:PHE:HA	11	0.26
(2,1152)	1:150:A:THR:HG22	1:151:A:PHE:HA	11	0.26
(2,1152)	1:150:A:THR:HG23	1:151:A:PHE:HA	11	0.26
(2,1119)	1:57:A:LEU:HG	1:60:A:LEU:HD11	13	0.26
(2,1119)	1:57:A:LEU:HG	1:60:A:LEU:HD12	13	0.26
(2,1119)	1:57:A:LEU:HG	1:60:A:LEU:HD13	13	0.26
(2,1086)	1:141:A:LYS:HA	1:148:A:CYS:HB2	19	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1080)	1:141:A:LYS:HA	1:148:A:CYS:HB3	4	0.26
(2,1062)	1:54:A:ARG:HA	1:58:A:ILE:HG13	9	0.26
(2,1008)	1:34:A:LYS:H	1:81:A:GLU:HB2	10	0.26
(2,956)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	8	0.26
(2,956)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	8	0.26
(2,956)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	12	0.26
(2,956)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	12	0.26
(2,953)	1:11:A:ILE:HD11	1:43:A:MET:HB3	15	0.26
(2,953)	1:11:A:ILE:HD12	1:43:A:MET:HB3	15	0.26
(2,953)	1:11:A:ILE:HD13	1:43:A:MET:HB3	15	0.26
(2,927)	1:69:A:MET:HG2	1:109:A:PRO:HA	17	0.26
(2,842)	1:68:A:LYS:HA	1:68:A:LYS:HE2	6	0.26
(2,842)	1:68:A:LYS:HA	1:68:A:LYS:HE3	6	0.26
(2,772)	1:101:A:ILE:HD11	1:116:A:GLN:HA	19	0.26
(2,772)	1:101:A:ILE:HD12	1:116:A:GLN:HA	19	0.26
(2,772)	1:101:A:ILE:HD13	1:116:A:GLN:HA	19	0.26
(2,613)	1:55:A:GLY:H	1:58:A:ILE:HB	11	0.26
(2,552)	1:124:A:THR:H	1:128:A:LEU:HD11	17	0.26
(2,552)	1:124:A:THR:H	1:128:A:LEU:HD12	17	0.26
(2,552)	1:124:A:THR:H	1:128:A:LEU:HD13	17	0.26
(2,551)	1:73:A:ILE:HD11	1:110:A:MET:H	3	0.26
(2,551)	1:73:A:ILE:HD12	1:110:A:MET:H	3	0.26
(2,551)	1:73:A:ILE:HD13	1:110:A:MET:H	3	0.26
(2,538)	1:60:A:LEU:HD21	1:61:A:SER:H	19	0.26
(2,538)	1:60:A:LEU:HD22	1:61:A:SER:H	19	0.26
(2,538)	1:60:A:LEU:HD23	1:61:A:SER:H	19	0.26
(2,357)	1:23:A:LEU:HB2	1:26:A:ASP:H	6	0.26
(2,357)	1:23:A:LEU:HB3	1:26:A:ASP:H	6	0.26
(2,338)	1:123:A:CYS:H	1:123:A:CYS:HB3	2	0.26
(2,327)	1:121:A:VAL:H	1:122:A:ASP:H	2	0.26
(2,282)	1:50:A:ALA:H	1:52:A:CYS:H	9	0.26
(2,236)	1:47:A:ALA:HB1	1:50:A:ALA:H	18	0.26
(2,236)	1:47:A:ALA:HB2	1:50:A:ALA:H	18	0.26
(2,236)	1:47:A:ALA:HB3	1:50:A:ALA:H	18	0.26
(2,226)	1:10:A:ASN:H	1:10:A:ASN:HB3	19	0.26
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD11	2	0.26
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD12	2	0.26
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD13	2	0.26
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD11	9	0.26
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD12	9	0.26
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD13	9	0.26
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD11	14	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD12	14	0.26
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD13	14	0.26
(2,174)	1:8:A:ASP:H	1:58:A:ILE:HG13	2	0.26
(2,72)	1:54:A:ARG:H	1:54:A:ARG:HE	3	0.26
(2,67)	1:13:A:ALA:HB1	1:81:A:GLU:H	4	0.26
(2,67)	1:13:A:ALA:HB2	1:81:A:GLU:H	4	0.26
(2,67)	1:13:A:ALA:HB3	1:81:A:GLU:H	4	0.26
(2,38)	1:43:A:MET:HA	1:47:A:ALA:H	9	0.26
(1,2443)	1:143:A:TRP:H	1:144:A:LEU:HD11	1	0.26
(1,2443)	1:143:A:TRP:H	1:144:A:LEU:HD12	1	0.26
(1,2443)	1:143:A:TRP:H	1:144:A:LEU:HD13	1	0.26
(1,2443)	1:143:A:TRP:H	1:144:A:LEU:HD21	1	0.26
(1,2443)	1:143:A:TRP:H	1:144:A:LEU:HD22	1	0.26
(1,2443)	1:143:A:TRP:H	1:144:A:LEU:HD23	1	0.26
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD11	4	0.26
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD12	4	0.26
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD13	4	0.26
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD21	4	0.26
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD22	4	0.26
(1,2436)	1:141:A:LYS:HA	1:144:A:LEU:HD23	4	0.26
(1,2406)	1:136:A:CYS:HB2	1:141:A:LYS:H	2	0.26
(1,2406)	1:136:A:CYS:HB3	1:141:A:LYS:H	2	0.26
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	12	0.26
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	12	0.26
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	12	0.26
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	12	0.26
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	12	0.26
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	12	0.26
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	12	0.26
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	12	0.26
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	12	0.26
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	12	0.26
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	12	0.26
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	12	0.26
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD11	4	0.26
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD12	4	0.26
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD13	4	0.26
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD21	4	0.26
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD22	4	0.26
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD23	4	0.26
(1,2187)	1:60:A:LEU:HG	1:131:A:LEU:HD11	13	0.26
(1,2187)	1:60:A:LEU:HG	1:131:A:LEU:HD12	13	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2187)	1:60:A:LEU:HG	1:131:A:LEU:HD13	13	0.26
(1,2187)	1:60:A:LEU:HG	1:131:A:LEU:HD21	13	0.26
(1,2187)	1:60:A:LEU:HG	1:131:A:LEU:HD22	13	0.26
(1,2187)	1:60:A:LEU:HG	1:131:A:LEU:HD23	13	0.26
(1,2149)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	10	0.26
(1,2149)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	10	0.26
(1,2149)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	10	0.26
(1,2149)	1:47:A:ALA:HB1	1:57:A:LEU:HD21	10	0.26
(1,2149)	1:47:A:ALA:HB1	1:57:A:LEU:HD22	10	0.26
(1,2149)	1:47:A:ALA:HB1	1:57:A:LEU:HD23	10	0.26
(1,2149)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	10	0.26
(1,2149)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	10	0.26
(1,2149)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	10	0.26
(1,2149)	1:47:A:ALA:HB2	1:57:A:LEU:HD21	10	0.26
(1,2149)	1:47:A:ALA:HB2	1:57:A:LEU:HD22	10	0.26
(1,2149)	1:47:A:ALA:HB2	1:57:A:LEU:HD23	10	0.26
(1,2149)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	10	0.26
(1,2149)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	10	0.26
(1,2149)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	10	0.26
(1,2149)	1:47:A:ALA:HB3	1:57:A:LEU:HD21	10	0.26
(1,2149)	1:47:A:ALA:HB3	1:57:A:LEU:HD22	10	0.26
(1,2149)	1:47:A:ALA:HB3	1:57:A:LEU:HD23	10	0.26
(1,2101)	1:39:A:VAL:HG11	1:41:A:LYS:H	8	0.26
(1,2101)	1:39:A:VAL:HG12	1:41:A:LYS:H	8	0.26
(1,2101)	1:39:A:VAL:HG13	1:41:A:LYS:H	8	0.26
(1,2101)	1:39:A:VAL:HG21	1:41:A:LYS:H	8	0.26
(1,2101)	1:39:A:VAL:HG22	1:41:A:LYS:H	8	0.26
(1,2101)	1:39:A:VAL:HG23	1:41:A:LYS:H	8	0.26
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD11	4	0.26
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD12	4	0.26
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD13	4	0.26
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD21	4	0.26
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD22	4	0.26
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD23	4	0.26
(1,2072)	1:35:A:LEU:HD11	1:143:A:TRP:HB2	2	0.26
(1,2072)	1:35:A:LEU:HD12	1:143:A:TRP:HB2	2	0.26
(1,2072)	1:35:A:LEU:HD13	1:143:A:TRP:HB2	2	0.26
(1,2072)	1:35:A:LEU:HD21	1:143:A:TRP:HB2	2	0.26
(1,2072)	1:35:A:LEU:HD22	1:143:A:TRP:HB2	2	0.26
(1,2072)	1:35:A:LEU:HD23	1:143:A:TRP:HB2	2	0.26
(1,2029)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	7	0.26
(1,2029)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	7	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2029)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	7	0.26
(1,2029)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	7	0.26
(1,2029)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	7	0.26
(1,2029)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	7	0.26
(1,2029)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	7	0.26
(1,2029)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	7	0.26
(1,2029)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	7	0.26
(1,2029)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	7	0.26
(1,2029)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	7	0.26
(1,2029)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	7	0.26
(1,2000)	1:17:A:ASN:HD21	1:113:A:PHE:HE1	8	0.26
(1,2000)	1:17:A:ASN:HD21	1:113:A:PHE:HE2	8	0.26
(1,2000)	1:17:A:ASN:HD22	1:113:A:PHE:HE1	8	0.26
(1,2000)	1:17:A:ASN:HD22	1:113:A:PHE:HE2	8	0.26
(1,1998)	1:17:A:ASN:HB2	1:117:A:VAL:HG11	19	0.26
(1,1998)	1:17:A:ASN:HB2	1:117:A:VAL:HG12	19	0.26
(1,1998)	1:17:A:ASN:HB2	1:117:A:VAL:HG13	19	0.26
(1,1998)	1:17:A:ASN:HB2	1:117:A:VAL:HG21	19	0.26
(1,1998)	1:17:A:ASN:HB2	1:117:A:VAL:HG22	19	0.26
(1,1998)	1:17:A:ASN:HB2	1:117:A:VAL:HG23	19	0.26
(1,1998)	1:17:A:ASN:HB3	1:117:A:VAL:HG11	19	0.26
(1,1998)	1:17:A:ASN:HB3	1:117:A:VAL:HG12	19	0.26
(1,1998)	1:17:A:ASN:HB3	1:117:A:VAL:HG13	19	0.26
(1,1998)	1:17:A:ASN:HB3	1:117:A:VAL:HG21	19	0.26
(1,1998)	1:17:A:ASN:HB3	1:117:A:VAL:HG22	19	0.26
(1,1998)	1:17:A:ASN:HB3	1:117:A:VAL:HG23	19	0.26
(1,1879)	1:113:A:PHE:HE1	1:114:A:ILE:HA	7	0.26
(1,1879)	1:113:A:PHE:HE2	1:114:A:ILE:HA	7	0.26
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	8	0.26
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	8	0.26
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	8	0.26
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	11	0.26
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	11	0.26
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	11	0.26
(1,1830)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	12	0.26
(1,1830)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	12	0.26
(1,1827)	1:71:A:LYS:HD2	1:72:A:PHE:HE1	5	0.26
(1,1827)	1:71:A:LYS:HD2	1:72:A:PHE:HE2	5	0.26
(1,1827)	1:71:A:LYS:HD3	1:72:A:PHE:HE1	5	0.26
(1,1827)	1:71:A:LYS:HD3	1:72:A:PHE:HE2	5	0.26
(1,1810)	1:9:A:PHE:HD1	1:11:A:ILE:HB	12	0.26
(1,1810)	1:9:A:PHE:HD2	1:11:A:ILE:HB	12	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1603)	1:98:A:ILE:HG21	1:104:A:PHE:HE1	9	0.26
(1,1603)	1:98:A:ILE:HG21	1:104:A:PHE:HE2	9	0.26
(1,1603)	1:98:A:ILE:HG22	1:104:A:PHE:HE1	9	0.26
(1,1603)	1:98:A:ILE:HG22	1:104:A:PHE:HE2	9	0.26
(1,1603)	1:98:A:ILE:HG23	1:104:A:PHE:HE1	9	0.26
(1,1603)	1:98:A:ILE:HG23	1:104:A:PHE:HE2	9	0.26
(1,1552)	1:76:A:ARG:HE	1:110:A:MET:HE1	11	0.26
(1,1552)	1:76:A:ARG:HE	1:110:A:MET:HE2	11	0.26
(1,1552)	1:76:A:ARG:HE	1:110:A:MET:HE3	11	0.26
(1,1507)	1:114:A:ILE:HG21	1:117:A:VAL:HB	8	0.26
(1,1507)	1:114:A:ILE:HG22	1:117:A:VAL:HB	8	0.26
(1,1507)	1:114:A:ILE:HG23	1:117:A:VAL:HB	8	0.26
(1,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	4	0.26
(1,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	4	0.26
(1,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	4	0.26
(1,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	4	0.26
(1,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	4	0.26
(1,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	4	0.26
(1,1489)	1:101:A:ILE:HG21	1:115:A:ALA:HA	7	0.26
(1,1489)	1:101:A:ILE:HG22	1:115:A:ALA:HA	7	0.26
(1,1489)	1:101:A:ILE:HG23	1:115:A:ALA:HA	7	0.26
(1,1426)	1:73:A:ILE:HG21	1:110:A:MET:HG2	7	0.26
(1,1426)	1:73:A:ILE:HG21	1:110:A:MET:HG3	7	0.26
(1,1426)	1:73:A:ILE:HG22	1:110:A:MET:HG2	7	0.26
(1,1426)	1:73:A:ILE:HG22	1:110:A:MET:HG3	7	0.26
(1,1426)	1:73:A:ILE:HG23	1:110:A:MET:HG2	7	0.26
(1,1426)	1:73:A:ILE:HG23	1:110:A:MET:HG3	7	0.26
(1,1426)	1:73:A:ILE:HG21	1:110:A:MET:HG2	9	0.26
(1,1426)	1:73:A:ILE:HG21	1:110:A:MET:HG3	9	0.26
(1,1426)	1:73:A:ILE:HG22	1:110:A:MET:HG2	9	0.26
(1,1426)	1:73:A:ILE:HG22	1:110:A:MET:HG3	9	0.26
(1,1426)	1:73:A:ILE:HG23	1:110:A:MET:HG2	9	0.26
(1,1426)	1:73:A:ILE:HG23	1:110:A:MET:HG3	9	0.26
(1,1175)	1:140:A:LEU:H	1:140:A:LEU:HD21	17	0.26
(1,1175)	1:140:A:LEU:H	1:140:A:LEU:HD22	17	0.26
(1,1175)	1:140:A:LEU:H	1:140:A:LEU:HD23	17	0.26
(1,1106)	1:136:A:CYS:HB3	1:141:A:LYS:HA	2	0.26
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB2	3	0.26
(1,1034)	1:68:A:LYS:HG2	1:93:A:GLU:HB3	3	0.26
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB2	3	0.26
(1,1034)	1:68:A:LYS:HG3	1:93:A:GLU:HB3	3	0.26
(1,1028)	1:66:A:THR:HG21	1:96:A:VAL:HA	3	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1028)	1:66:A:THR:HG22	1:96:A:VAL:HA	3	0.26
(1,1028)	1:66:A:THR:HG23	1:96:A:VAL:HA	3	0.26
(1,1028)	1:66:A:THR:HG21	1:96:A:VAL:HA	12	0.26
(1,1028)	1:66:A:THR:HG22	1:96:A:VAL:HA	12	0.26
(1,1028)	1:66:A:THR:HG23	1:96:A:VAL:HA	12	0.26
(1,1010)	1:102:A:PRO:HA	1:105:A:LYS:HB2	15	0.26
(1,1010)	1:102:A:PRO:HA	1:105:A:LYS:HB3	15	0.26
(1,940)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	9	0.26
(1,940)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	9	0.26
(1,940)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	9	0.26
(1,940)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	13	0.26
(1,940)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	13	0.26
(1,940)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	13	0.26
(1,936)	1:43:A:MET:HA	1:44:A:GLU:HG2	2	0.26
(1,862)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	2	0.26
(1,862)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	2	0.26
(1,862)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	2	0.26
(1,811)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	14	0.26
(1,811)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	14	0.26
(1,811)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	14	0.26
(1,794)	1:101:A:ILE:HD11	1:116:A:GLN:HA	19	0.26
(1,794)	1:101:A:ILE:HD12	1:116:A:GLN:HA	19	0.26
(1,794)	1:101:A:ILE:HD13	1:116:A:GLN:HA	19	0.26
(1,735)	1:50:A:ALA:H	1:130:A:GLY:HA3	13	0.26
(1,724)	1:9:A:PHE:HD1	1:54:A:ARG:HE	17	0.26
(1,724)	1:9:A:PHE:HD2	1:54:A:ARG:HE	17	0.26
(1,719)	1:45:A:ALA:HB1	1:48:A:ARG:HE	18	0.26
(1,719)	1:45:A:ALA:HB2	1:48:A:ARG:HE	18	0.26
(1,719)	1:45:A:ALA:HB3	1:48:A:ARG:HE	18	0.26
(1,679)	1:116:A:GLN:HG3	1:117:A:VAL:H	11	0.26
(1,579)	1:11:A:ILE:HD11	1:16:A:SER:H	4	0.26
(1,579)	1:11:A:ILE:HD12	1:16:A:SER:H	4	0.26
(1,579)	1:11:A:ILE:HD13	1:16:A:SER:H	4	0.26
(1,554)	1:73:A:ILE:HD11	1:110:A:MET:H	5	0.26
(1,554)	1:73:A:ILE:HD12	1:110:A:MET:H	5	0.26
(1,554)	1:73:A:ILE:HD13	1:110:A:MET:H	5	0.26
(1,554)	1:73:A:ILE:HD11	1:110:A:MET:H	7	0.26
(1,554)	1:73:A:ILE:HD12	1:110:A:MET:H	7	0.26
(1,554)	1:73:A:ILE:HD13	1:110:A:MET:H	7	0.26
(1,357)	1:104:A:PHE:H	1:104:A:PHE:HD1	17	0.26
(1,357)	1:104:A:PHE:H	1:104:A:PHE:HD2	17	0.26
(1,357)	1:104:A:PHE:H	1:104:A:PHE:HD1	19	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,357)	1:104:A:PHE:H	1:104:A:PHE:HD2	19	0.26
(1,346)	1:123:A:CYS:H	1:123:A:CYS:HB3	2	0.26
(1,336)	1:121:A:VAL:H	1:122:A:ASP:H	2	0.26
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE1	18	0.26
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE2	18	0.26
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE3	18	0.26
(1,299)	1:43:A:MET:H	1:43:A:MET:HG2	15	0.26
(1,238)	1:10:A:ASN:H	1:10:A:ASN:HB3	19	0.26
(1,162)	1:67:A:PRO:HD3	1:95:A:ILE:H	14	0.26
(1,127)	1:79:A:THR:H	1:80:A:TYR:H	4	0.26
(1,47)	1:98:A:ILE:H	1:105:A:LYS:HA	3	0.26
(34,2443)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	17	0.25
(34,2443)	1:132:A:ALA:HB1	1:133:A:ASN:HD22	17	0.25
(34,2443)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	17	0.25
(34,2443)	1:132:A:ALA:HB2	1:133:A:ASN:HD22	17	0.25
(34,2443)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	17	0.25
(34,2443)	1:132:A:ALA:HB3	1:133:A:ASN:HD22	17	0.25
(34,2415)	1:127:A:CYS:H	1:129:A:LYS:HG2	8	0.25
(34,2415)	1:127:A:CYS:H	1:129:A:LYS:HG3	8	0.25
(34,2330)	1:107:A:LEU:HA	1:108:A:GLU:HG2	8	0.25
(34,2330)	1:107:A:LEU:HA	1:108:A:GLU:HG3	8	0.25
(34,2292)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	10	0.25
(34,2292)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	10	0.25
(34,2292)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	10	0.25
(34,2292)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	10	0.25
(34,2292)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	10	0.25
(34,2292)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	10	0.25
(34,2292)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	10	0.25
(34,2292)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	10	0.25
(34,2292)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	10	0.25
(34,2292)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	10	0.25
(34,2292)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	10	0.25
(34,2292)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	10	0.25
(34,2284)	1:96:A:VAL:HG11	1:97:A:ASP:H	17	0.25
(34,2284)	1:96:A:VAL:HG12	1:97:A:ASP:H	17	0.25
(34,2284)	1:96:A:VAL:HG13	1:97:A:ASP:H	17	0.25
(34,2284)	1:96:A:VAL:HG21	1:97:A:ASP:H	17	0.25
(34,2284)	1:96:A:VAL:HG22	1:97:A:ASP:H	17	0.25
(34,2284)	1:96:A:VAL:HG23	1:97:A:ASP:H	17	0.25
(34,2244)	1:69:A:MET:HE1	1:116:A:GLN:HE21	6	0.25
(34,2244)	1:69:A:MET:HE1	1:116:A:GLN:HE22	6	0.25
(34,2244)	1:69:A:MET:HE2	1:116:A:GLN:HE21	6	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2244)	1:69:A:MET:HE2	1:116:A:GLN:HE22	6	0.25
(34,2244)	1:69:A:MET:HE3	1:116:A:GLN:HE21	6	0.25
(34,2244)	1:69:A:MET:HE3	1:116:A:GLN:HE22	6	0.25
(34,2241)	1:69:A:MET:HG2	1:109:A:PRO:HA	16	0.25
(34,2241)	1:69:A:MET:HG3	1:109:A:PRO:HA	16	0.25
(34,2180)	1:53:A:THR:H	1:57:A:LEU:HD11	5	0.25
(34,2180)	1:53:A:THR:H	1:57:A:LEU:HD12	5	0.25
(34,2180)	1:53:A:THR:H	1:57:A:LEU:HD13	5	0.25
(34,2180)	1:53:A:THR:H	1:57:A:LEU:HD21	5	0.25
(34,2180)	1:53:A:THR:H	1:57:A:LEU:HD22	5	0.25
(34,2180)	1:53:A:THR:H	1:57:A:LEU:HD23	5	0.25
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD11	15	0.25
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD12	15	0.25
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD13	15	0.25
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD21	15	0.25
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD22	15	0.25
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD23	15	0.25
(34,2162)	1:46:A:ASN:HD21	1:137:A:SER:HA	7	0.25
(34,2162)	1:46:A:ASN:HD22	1:137:A:SER:HA	7	0.25
(34,2153)	1:43:A:MET:HE1	1:46:A:ASN:HD21	18	0.25
(34,2153)	1:43:A:MET:HE1	1:46:A:ASN:HD22	18	0.25
(34,2153)	1:43:A:MET:HE2	1:46:A:ASN:HD21	18	0.25
(34,2153)	1:43:A:MET:HE2	1:46:A:ASN:HD22	18	0.25
(34,2153)	1:43:A:MET:HE3	1:46:A:ASN:HD21	18	0.25
(34,2153)	1:43:A:MET:HE3	1:46:A:ASN:HD22	18	0.25
(34,2148)	1:42:A:GLU:HB2	1:139:A:LEU:HD11	14	0.25
(34,2148)	1:42:A:GLU:HB2	1:139:A:LEU:HD12	14	0.25
(34,2148)	1:42:A:GLU:HB2	1:139:A:LEU:HD13	14	0.25
(34,2148)	1:42:A:GLU:HB2	1:139:A:LEU:HD21	14	0.25
(34,2148)	1:42:A:GLU:HB2	1:139:A:LEU:HD22	14	0.25
(34,2148)	1:42:A:GLU:HB2	1:139:A:LEU:HD23	14	0.25
(34,2148)	1:42:A:GLU:HB3	1:139:A:LEU:HD11	14	0.25
(34,2148)	1:42:A:GLU:HB3	1:139:A:LEU:HD12	14	0.25
(34,2148)	1:42:A:GLU:HB3	1:139:A:LEU:HD13	14	0.25
(34,2148)	1:42:A:GLU:HB3	1:139:A:LEU:HD21	14	0.25
(34,2148)	1:42:A:GLU:HB3	1:139:A:LEU:HD22	14	0.25
(34,2148)	1:42:A:GLU:HB3	1:139:A:LEU:HD23	14	0.25
(34,2134)	1:40:A:LEU:HD11	1:41:A:LYS:H	15	0.25
(34,2134)	1:40:A:LEU:HD12	1:41:A:LYS:H	15	0.25
(34,2134)	1:40:A:LEU:HD13	1:41:A:LYS:H	15	0.25
(34,2134)	1:40:A:LEU:HD21	1:41:A:LYS:H	15	0.25
(34,2134)	1:40:A:LEU:HD22	1:41:A:LYS:H	15	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2134)	1:40:A:LEU:HD23	1:41:A:LYS:H	15	0.25
(34,2118)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	13	0.25
(34,2118)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	13	0.25
(34,2118)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	13	0.25
(34,2118)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	13	0.25
(34,2118)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	13	0.25
(34,2118)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	13	0.25
(34,2118)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	13	0.25
(34,2118)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	13	0.25
(34,2118)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	13	0.25
(34,2118)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	13	0.25
(34,2118)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	13	0.25
(34,2118)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	13	0.25
(34,2115)	1:39:A:VAL:HG11	1:43:A:MET:H	4	0.25
(34,2115)	1:39:A:VAL:HG12	1:43:A:MET:H	4	0.25
(34,2115)	1:39:A:VAL:HG13	1:43:A:MET:H	4	0.25
(34,2115)	1:39:A:VAL:HG21	1:43:A:MET:H	4	0.25
(34,2115)	1:39:A:VAL:HG22	1:43:A:MET:H	4	0.25
(34,2115)	1:39:A:VAL:HG23	1:43:A:MET:H	4	0.25
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	11	0.25
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	11	0.25
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	11	0.25
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	11	0.25
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	11	0.25
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	11	0.25
(34,1991)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	12	0.25
(34,1991)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	12	0.25
(34,1991)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	12	0.25
(34,1991)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	12	0.25
(34,1991)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	12	0.25
(34,1991)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	12	0.25
(34,1991)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	12	0.25
(34,1991)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	12	0.25
(34,1991)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	12	0.25
(34,1991)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	12	0.25
(34,1991)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	12	0.25
(34,1991)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	12	0.25
(34,1991)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	12	0.25
(34,1991)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	12	0.25
(34,1991)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	12	0.25
(34,1991)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	12	0.25
(34,1991)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	12	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1991)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	12	0.25
(34,1922)	1:58:A:ILE:HB	1:62:A:HIS:HE1	17	0.25
(34,1921)	1:58:A:ILE:HA	1:62:A:HIS:HE1	4	0.25
(34,1911)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	5	0.25
(34,1911)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	5	0.25
(34,1911)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	17	0.25
(34,1911)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	17	0.25
(34,1841)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	7	0.25
(34,1815)	1:97:A:ASP:HA	1:104:A:PHE:HE1	17	0.25
(34,1815)	1:97:A:ASP:HA	1:104:A:PHE:HE2	17	0.25
(34,1804)	1:13:A:ALA:HA	1:80:A:TYR:HD1	6	0.25
(34,1804)	1:13:A:ALA:HA	1:80:A:TYR:HD2	6	0.25
(34,1571)	1:38:A:GLU:HB2	1:139:A:LEU:HD11	1	0.25
(34,1571)	1:38:A:GLU:HB2	1:139:A:LEU:HD12	1	0.25
(34,1571)	1:38:A:GLU:HB2	1:139:A:LEU:HD13	1	0.25
(34,1553)	1:76:A:ARG:HE	1:110:A:MET:HE1	13	0.25
(34,1553)	1:76:A:ARG:HE	1:110:A:MET:HE2	13	0.25
(34,1553)	1:76:A:ARG:HE	1:110:A:MET:HE3	13	0.25
(34,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE1	5	0.25
(34,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE2	5	0.25
(34,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE3	5	0.25
(34,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE1	5	0.25
(34,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE2	5	0.25
(34,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE3	5	0.25
(34,1526)	1:98:A:ILE:HG21	1:101:A:ILE:HB	16	0.25
(34,1526)	1:98:A:ILE:HG22	1:101:A:ILE:HB	16	0.25
(34,1526)	1:98:A:ILE:HG23	1:101:A:ILE:HB	16	0.25
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD21	15	0.25
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD22	15	0.25
(34,1331)	1:57:A:LEU:HG	1:60:A:LEU:HD23	15	0.25
(34,1298)	1:113:A:PHE:HE1	1:117:A:VAL:HG11	13	0.25
(34,1298)	1:113:A:PHE:HE1	1:117:A:VAL:HG12	13	0.25
(34,1298)	1:113:A:PHE:HE1	1:117:A:VAL:HG13	13	0.25
(34,1298)	1:113:A:PHE:HE2	1:117:A:VAL:HG11	13	0.25
(34,1298)	1:113:A:PHE:HE2	1:117:A:VAL:HG12	13	0.25
(34,1298)	1:113:A:PHE:HE2	1:117:A:VAL:HG13	13	0.25
(34,1298)	1:113:A:PHE:HE1	1:117:A:VAL:HG11	19	0.25
(34,1298)	1:113:A:PHE:HE1	1:117:A:VAL:HG12	19	0.25
(34,1298)	1:113:A:PHE:HE1	1:117:A:VAL:HG13	19	0.25
(34,1298)	1:113:A:PHE:HE2	1:117:A:VAL:HG11	19	0.25
(34,1298)	1:113:A:PHE:HE2	1:117:A:VAL:HG12	19	0.25
(34,1298)	1:113:A:PHE:HE2	1:117:A:VAL:HG13	19	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1246)	1:110:A:MET:HA	1:113:A:PHE:HB2	3	0.25
(34,1246)	1:110:A:MET:HA	1:113:A:PHE:HB2	6	0.25
(34,1246)	1:110:A:MET:HA	1:113:A:PHE:HB2	12	0.25
(34,1121)	1:68:A:LYS:HA	1:72:A:PHE:HD1	7	0.25
(34,1121)	1:68:A:LYS:HA	1:72:A:PHE:HD2	7	0.25
(34,1043)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	6	0.25
(34,1043)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	6	0.25
(34,1043)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	13	0.25
(34,1043)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	13	0.25
(34,1025)	1:31:A:PRO:HA	1:32:A:GLY:H	3	0.25
(34,979)	1:96:A:VAL:HB	1:97:A:ASP:H	17	0.25
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD11	6	0.25
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD12	6	0.25
(34,948)	1:66:A:THR:HB	1:95:A:ILE:HD13	6	0.25
(34,940)	1:125:A:THR:HB	1:128:A:LEU:HB2	17	0.25
(34,937)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	8	0.25
(34,937)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	8	0.25
(34,937)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	8	0.25
(34,937)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	17	0.25
(34,937)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	17	0.25
(34,937)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	17	0.25
(34,879)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	5	0.25
(34,879)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	5	0.25
(34,879)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	5	0.25
(34,842)	1:48:A:ARG:HD2	1:49:A:LYS:HA	1	0.25
(34,842)	1:48:A:ARG:HD3	1:49:A:LYS:HA	1	0.25
(34,837)	1:114:A:ILE:HA	1:114:A:ILE:HD11	16	0.25
(34,837)	1:114:A:ILE:HA	1:114:A:ILE:HD12	16	0.25
(34,837)	1:114:A:ILE:HA	1:114:A:ILE:HD13	16	0.25
(34,792)	1:60:A:LEU:H	1:63:A:ILE:HD11	5	0.25
(34,792)	1:60:A:LEU:H	1:63:A:ILE:HD12	5	0.25
(34,792)	1:60:A:LEU:H	1:63:A:ILE:HD13	5	0.25
(34,788)	1:11:A:ILE:HD11	1:15:A:ALA:H	15	0.25
(34,788)	1:11:A:ILE:HD12	1:15:A:ALA:H	15	0.25
(34,788)	1:11:A:ILE:HD13	1:15:A:ALA:H	15	0.25
(34,638)	1:9:A:PHE:HE1	1:58:A:ILE:H	7	0.25
(34,638)	1:9:A:PHE:HE2	1:58:A:ILE:H	7	0.25
(34,630)	1:35:A:LEU:H	1:80:A:TYR:HB2	12	0.25
(34,566)	1:124:A:THR:H	1:128:A:LEU:HD21	4	0.25
(34,566)	1:124:A:THR:H	1:128:A:LEU:HD22	4	0.25
(34,566)	1:124:A:THR:H	1:128:A:LEU:HD23	4	0.25
(34,542)	1:70:A:LYS:HB2	1:72:A:PHE:H	9	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,542)	1:70:A:LYS:HB3	1:72:A:PHE:H	9	0.25
(34,497)	1:98:A:ILE:H	1:105:A:LYS:H	6	0.25
(34,444)	1:143:A:TRP:H	1:144:A:LEU:HD21	1	0.25
(34,444)	1:143:A:TRP:H	1:144:A:LEU:HD22	1	0.25
(34,444)	1:143:A:TRP:H	1:144:A:LEU:HD23	1	0.25
(34,417)	1:125:A:THR:H	1:128:A:LEU:HG	4	0.25
(34,303)	1:128:A:LEU:HB3	1:129:A:LYS:H	13	0.25
(34,180)	1:8:A:ASP:H	1:58:A:ILE:HG13	4	0.25
(34,180)	1:8:A:ASP:H	1:58:A:ILE:HG13	11	0.25
(34,149)	1:59:A:CYS:H	1:60:A:LEU:HD21	11	0.25
(34,149)	1:59:A:CYS:H	1:60:A:LEU:HD22	11	0.25
(34,149)	1:59:A:CYS:H	1:60:A:LEU:HD23	11	0.25
(34,68)	1:79:A:THR:HG21	1:81:A:GLU:H	12	0.25
(34,68)	1:79:A:THR:HG22	1:81:A:GLU:H	12	0.25
(34,68)	1:79:A:THR:HG23	1:81:A:GLU:H	12	0.25
(33,2428)	1:129:A:LYS:HG2	1:130:A:GLY:H	8	0.25
(33,2428)	1:129:A:LYS:HG3	1:130:A:GLY:H	8	0.25
(33,2424)	1:128:A:LEU:HD11	1:131:A:LEU:HD11	7	0.25
(33,2424)	1:128:A:LEU:HD11	1:131:A:LEU:HD12	7	0.25
(33,2424)	1:128:A:LEU:HD11	1:131:A:LEU:HD13	7	0.25
(33,2424)	1:128:A:LEU:HD11	1:131:A:LEU:HD21	7	0.25
(33,2424)	1:128:A:LEU:HD11	1:131:A:LEU:HD22	7	0.25
(33,2424)	1:128:A:LEU:HD11	1:131:A:LEU:HD23	7	0.25
(33,2424)	1:128:A:LEU:HD12	1:131:A:LEU:HD11	7	0.25
(33,2424)	1:128:A:LEU:HD12	1:131:A:LEU:HD12	7	0.25
(33,2424)	1:128:A:LEU:HD12	1:131:A:LEU:HD13	7	0.25
(33,2424)	1:128:A:LEU:HD12	1:131:A:LEU:HD21	7	0.25
(33,2424)	1:128:A:LEU:HD12	1:131:A:LEU:HD22	7	0.25
(33,2424)	1:128:A:LEU:HD12	1:131:A:LEU:HD23	7	0.25
(33,2424)	1:128:A:LEU:HD13	1:131:A:LEU:HD11	7	0.25
(33,2424)	1:128:A:LEU:HD13	1:131:A:LEU:HD12	7	0.25
(33,2424)	1:128:A:LEU:HD13	1:131:A:LEU:HD13	7	0.25
(33,2424)	1:128:A:LEU:HD13	1:131:A:LEU:HD21	7	0.25
(33,2424)	1:128:A:LEU:HD13	1:131:A:LEU:HD22	7	0.25
(33,2424)	1:128:A:LEU:HD13	1:131:A:LEU:HD23	7	0.25
(33,2424)	1:128:A:LEU:HD21	1:131:A:LEU:HD11	7	0.25
(33,2424)	1:128:A:LEU:HD21	1:131:A:LEU:HD12	7	0.25
(33,2424)	1:128:A:LEU:HD21	1:131:A:LEU:HD13	7	0.25
(33,2424)	1:128:A:LEU:HD21	1:131:A:LEU:HD21	7	0.25
(33,2424)	1:128:A:LEU:HD21	1:131:A:LEU:HD22	7	0.25
(33,2424)	1:128:A:LEU:HD21	1:131:A:LEU:HD23	7	0.25
(33,2424)	1:128:A:LEU:HD22	1:131:A:LEU:HD11	7	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2424)	1:128:A:LEU:HD22	1:131:A:LEU:HD12	7	0.25
(33,2424)	1:128:A:LEU:HD22	1:131:A:LEU:HD13	7	0.25
(33,2424)	1:128:A:LEU:HD22	1:131:A:LEU:HD21	7	0.25
(33,2424)	1:128:A:LEU:HD22	1:131:A:LEU:HD22	7	0.25
(33,2424)	1:128:A:LEU:HD22	1:131:A:LEU:HD23	7	0.25
(33,2424)	1:128:A:LEU:HD23	1:131:A:LEU:HD11	7	0.25
(33,2424)	1:128:A:LEU:HD23	1:131:A:LEU:HD12	7	0.25
(33,2424)	1:128:A:LEU:HD23	1:131:A:LEU:HD13	7	0.25
(33,2424)	1:128:A:LEU:HD23	1:131:A:LEU:HD21	7	0.25
(33,2424)	1:128:A:LEU:HD23	1:131:A:LEU:HD22	7	0.25
(33,2424)	1:128:A:LEU:HD23	1:131:A:LEU:HD23	7	0.25
(33,2410)	1:125:A:THR:HB	1:128:A:LEU:HD11	5	0.25
(33,2410)	1:125:A:THR:HB	1:128:A:LEU:HD12	5	0.25
(33,2410)	1:125:A:THR:HB	1:128:A:LEU:HD13	5	0.25
(33,2410)	1:125:A:THR:HB	1:128:A:LEU:HD21	5	0.25
(33,2410)	1:125:A:THR:HB	1:128:A:LEU:HD22	5	0.25
(33,2410)	1:125:A:THR:HB	1:128:A:LEU:HD23	5	0.25
(33,2284)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	10	0.25
(33,2284)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	10	0.25
(33,2284)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	10	0.25
(33,2284)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	10	0.25
(33,2228)	1:65:A:CYS:HB2	1:66:A:THR:HG21	8	0.25
(33,2228)	1:65:A:CYS:HB2	1:66:A:THR:HG22	8	0.25
(33,2228)	1:65:A:CYS:HB2	1:66:A:THR:HG23	8	0.25
(33,2228)	1:65:A:CYS:HB3	1:66:A:THR:HG21	8	0.25
(33,2228)	1:65:A:CYS:HB3	1:66:A:THR:HG22	8	0.25
(33,2228)	1:65:A:CYS:HB3	1:66:A:THR:HG23	8	0.25
(33,2220)	1:64:A:LYS:H	1:116:A:GLN:HG2	8	0.25
(33,2220)	1:64:A:LYS:H	1:116:A:GLN:HG3	8	0.25
(33,2180)	1:53:A:THR:H	1:57:A:LEU:HD11	5	0.25
(33,2180)	1:53:A:THR:H	1:57:A:LEU:HD12	5	0.25
(33,2180)	1:53:A:THR:H	1:57:A:LEU:HD13	5	0.25
(33,2180)	1:53:A:THR:H	1:57:A:LEU:HD21	5	0.25
(33,2180)	1:53:A:THR:H	1:57:A:LEU:HD22	5	0.25
(33,2180)	1:53:A:THR:H	1:57:A:LEU:HD23	5	0.25
(33,2139)	1:41:A:LYS:HG2	1:42:A:GLU:H	19	0.25
(33,2139)	1:41:A:LYS:HG3	1:42:A:GLU:H	19	0.25
(33,2123)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	14	0.25
(33,2123)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	14	0.25
(33,2123)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	14	0.25
(33,2123)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	14	0.25
(33,2123)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	14	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2123)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	14	0.25
(33,2114)	1:39:A:VAL:HG11	1:43:A:MET:H	4	0.25
(33,2114)	1:39:A:VAL:HG12	1:43:A:MET:H	4	0.25
(33,2114)	1:39:A:VAL:HG13	1:43:A:MET:H	4	0.25
(33,2114)	1:39:A:VAL:HG21	1:43:A:MET:H	4	0.25
(33,2114)	1:39:A:VAL:HG22	1:43:A:MET:H	4	0.25
(33,2114)	1:39:A:VAL:HG23	1:43:A:MET:H	4	0.25
(33,2085)	1:35:A:LEU:HD11	1:143:A:TRP:HB2	9	0.25
(33,2085)	1:35:A:LEU:HD12	1:143:A:TRP:HB2	9	0.25
(33,2085)	1:35:A:LEU:HD13	1:143:A:TRP:HB2	9	0.25
(33,2085)	1:35:A:LEU:HD21	1:143:A:TRP:HB2	9	0.25
(33,2085)	1:35:A:LEU:HD22	1:143:A:TRP:HB2	9	0.25
(33,2085)	1:35:A:LEU:HD23	1:143:A:TRP:HB2	9	0.25
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD11	1	0.25
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD12	1	0.25
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD13	1	0.25
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD21	1	0.25
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD22	1	0.25
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD23	1	0.25
(33,1970)	1:12:A:VAL:HG11	1:43:A:MET:HB2	6	0.25
(33,1970)	1:12:A:VAL:HG12	1:43:A:MET:HB2	6	0.25
(33,1970)	1:12:A:VAL:HG13	1:43:A:MET:HB2	6	0.25
(33,1970)	1:12:A:VAL:HG21	1:43:A:MET:HB2	6	0.25
(33,1970)	1:12:A:VAL:HG22	1:43:A:MET:HB2	6	0.25
(33,1970)	1:12:A:VAL:HG23	1:43:A:MET:HB2	6	0.25
(33,1968)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	5	0.25
(33,1968)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	5	0.25
(33,1968)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	5	0.25
(33,1968)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	5	0.25
(33,1968)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	5	0.25
(33,1968)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	5	0.25
(33,1944)	1:10:A:ASN:HD21	1:81:A:GLU:H	12	0.25
(33,1944)	1:10:A:ASN:HD22	1:81:A:GLU:H	12	0.25
(33,1915)	1:58:A:ILE:HB	1:62:A:HIS:HE1	17	0.25
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	11	0.25
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	11	0.25
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	11	0.25
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	11	0.25
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	11	0.25
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	11	0.25
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	11	0.25
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	11	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	11	0.25
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	11	0.25
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	11	0.25
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	11	0.25
(33,1848)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	3	0.25
(33,1848)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	3	0.25
(33,1848)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	7	0.25
(33,1848)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	7	0.25
(33,1846)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	6	0.25
(33,1846)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	6	0.25
(33,1846)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	6	0.25
(33,1846)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	6	0.25
(33,1846)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	6	0.25
(33,1846)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	6	0.25
(33,1819)	1:9:A:PHE:HZ	1:11:A:ILE:HB	5	0.25
(33,1799)	1:97:A:ASP:HA	1:104:A:PHE:HE1	17	0.25
(33,1799)	1:97:A:ASP:HA	1:104:A:PHE:HE2	17	0.25
(33,1791)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	15	0.25
(33,1791)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	15	0.25
(33,1791)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	15	0.25
(33,1791)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	15	0.25
(33,1791)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	15	0.25
(33,1791)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	15	0.25
(33,1734)	1:105:A:LYS:H	1:105:A:LYS:HG3	10	0.25
(33,1733)	1:31:A:PRO:HB2	1:35:A:LEU:HA	10	0.25
(33,1733)	1:31:A:PRO:HB3	1:35:A:LEU:HA	10	0.25
(33,1701)	1:141:A:LYS:HA	1:145:A:PRO:HD3	3	0.25
(33,1572)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	14	0.25
(33,1572)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	14	0.25
(33,1572)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	14	0.25
(33,1572)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	18	0.25
(33,1572)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	18	0.25
(33,1572)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	18	0.25
(33,1534)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	17	0.25
(33,1534)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	17	0.25
(33,1534)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	17	0.25
(33,1534)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	17	0.25
(33,1534)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	17	0.25
(33,1534)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	17	0.25
(33,1529)	1:76:A:ARG:HE	1:110:A:MET:HE1	13	0.25
(33,1529)	1:76:A:ARG:HE	1:110:A:MET:HE2	13	0.25
(33,1529)	1:76:A:ARG:HE	1:110:A:MET:HE3	13	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1526)	1:76:A:ARG:HG2	1:110:A:MET:HE1	5	0.25
(33,1526)	1:76:A:ARG:HG2	1:110:A:MET:HE2	5	0.25
(33,1526)	1:76:A:ARG:HG2	1:110:A:MET:HE3	5	0.25
(33,1526)	1:76:A:ARG:HG3	1:110:A:MET:HE1	5	0.25
(33,1526)	1:76:A:ARG:HG3	1:110:A:MET:HE2	5	0.25
(33,1526)	1:76:A:ARG:HG3	1:110:A:MET:HE3	5	0.25
(33,1508)	1:69:A:MET:HE1	1:114:A:ILE:H	8	0.25
(33,1508)	1:69:A:MET:HE2	1:114:A:ILE:H	8	0.25
(33,1508)	1:69:A:MET:HE3	1:114:A:ILE:H	8	0.25
(33,1508)	1:69:A:MET:HE1	1:114:A:ILE:H	19	0.25
(33,1508)	1:69:A:MET:HE2	1:114:A:ILE:H	19	0.25
(33,1508)	1:69:A:MET:HE3	1:114:A:ILE:H	19	0.25
(33,1296)	1:66:A:THR:HG21	1:70:A:LYS:H	14	0.25
(33,1296)	1:66:A:THR:HG22	1:70:A:LYS:H	14	0.25
(33,1296)	1:66:A:THR:HG23	1:70:A:LYS:H	14	0.25
(33,1237)	1:136:A:CYS:HA	1:140:A:LEU:HD21	11	0.25
(33,1237)	1:136:A:CYS:HA	1:140:A:LEU:HD22	11	0.25
(33,1237)	1:136:A:CYS:HA	1:140:A:LEU:HD23	11	0.25
(33,1228)	1:37:A:LEU:HA	1:37:A:LEU:HD21	4	0.25
(33,1228)	1:37:A:LEU:HA	1:37:A:LEU:HD22	4	0.25
(33,1228)	1:37:A:LEU:HA	1:37:A:LEU:HD23	4	0.25
(33,1170)	1:30:A:LEU:H	1:30:A:LEU:HD21	13	0.25
(33,1170)	1:30:A:LEU:H	1:30:A:LEU:HD22	13	0.25
(33,1170)	1:30:A:LEU:H	1:30:A:LEU:HD23	13	0.25
(33,1115)	1:105:A:LYS:HA	1:105:A:LYS:HG3	10	0.25
(33,1056)	1:43:A:MET:HB2	1:140:A:LEU:HG	17	0.25
(33,971)	1:141:A:LYS:HB2	1:149:A:ALA:HA	16	0.25
(33,971)	1:141:A:LYS:HB3	1:149:A:ALA:HA	16	0.25
(33,935)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	18	0.25
(33,935)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	18	0.25
(33,935)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	18	0.25
(33,935)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	18	0.25
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB1	4	0.25
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB2	4	0.25
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB3	4	0.25
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB1	4	0.25
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB2	4	0.25
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB3	4	0.25
(33,926)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	4	0.25
(33,926)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	4	0.25
(33,926)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	4	0.25
(33,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	8	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	8	0.25
(33,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	8	0.25
(33,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	17	0.25
(33,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	17	0.25
(33,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	17	0.25
(33,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	3	0.25
(33,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	3	0.25
(33,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	3	0.25
(33,866)	1:37:A:LEU:HB2	1:39:A:VAL:H	4	0.25
(33,837)	1:114:A:ILE:HA	1:114:A:ILE:HD11	16	0.25
(33,837)	1:114:A:ILE:HA	1:114:A:ILE:HD12	16	0.25
(33,837)	1:114:A:ILE:HA	1:114:A:ILE:HD13	16	0.25
(33,782)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	3	0.25
(33,782)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	3	0.25
(33,782)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	3	0.25
(33,782)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	3	0.25
(33,782)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	3	0.25
(33,782)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	3	0.25
(33,781)	1:11:A:ILE:HD11	1:15:A:ALA:H	15	0.25
(33,781)	1:11:A:ILE:HD12	1:15:A:ALA:H	15	0.25
(33,781)	1:11:A:ILE:HD13	1:15:A:ALA:H	15	0.25
(33,758)	1:53:A:THR:H	1:53:A:THR:HG21	19	0.25
(33,758)	1:53:A:THR:H	1:53:A:THR:HG22	19	0.25
(33,758)	1:53:A:THR:H	1:53:A:THR:HG23	19	0.25
(33,703)	1:23:A:LEU:HB2	1:25:A:ALA:H	7	0.25
(33,703)	1:23:A:LEU:HB3	1:25:A:ALA:H	7	0.25
(33,627)	1:57:A:LEU:H	1:58:A:ILE:HD11	6	0.25
(33,627)	1:57:A:LEU:H	1:58:A:ILE:HD12	6	0.25
(33,627)	1:57:A:LEU:H	1:58:A:ILE:HD13	6	0.25
(33,172)	1:8:A:ASP:H	1:58:A:ILE:HG13	4	0.25
(33,172)	1:8:A:ASP:H	1:58:A:ILE:HG13	11	0.25
(33,35)	1:96:A:VAL:H	1:97:A:ASP:HB2	11	0.25
(33,35)	1:96:A:VAL:H	1:97:A:ASP:HB3	11	0.25
(32,2468)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	7	0.25
(32,2468)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	7	0.25
(32,2468)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	7	0.25
(32,2468)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	7	0.25
(32,2468)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	7	0.25
(32,2468)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	7	0.25
(32,2461)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	1	0.25
(32,2461)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	1	0.25
(32,2461)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	1	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2461)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	1	0.25
(32,2461)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	1	0.25
(32,2461)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	1	0.25
(32,2443)	1:137:A:SER:HB2	1:140:A:LEU:HB2	5	0.25
(32,2443)	1:137:A:SER:HB3	1:140:A:LEU:HB2	5	0.25
(32,2393)	1:125:A:THR:HB	1:128:A:LEU:HD11	5	0.25
(32,2393)	1:125:A:THR:HB	1:128:A:LEU:HD12	5	0.25
(32,2393)	1:125:A:THR:HB	1:128:A:LEU:HD13	5	0.25
(32,2393)	1:125:A:THR:HB	1:128:A:LEU:HD21	5	0.25
(32,2393)	1:125:A:THR:HB	1:128:A:LEU:HD22	5	0.25
(32,2393)	1:125:A:THR:HB	1:128:A:LEU:HD23	5	0.25
(32,2365)	1:116:A:GLN:HG2	1:117:A:VAL:HA	6	0.25
(32,2365)	1:116:A:GLN:HG3	1:117:A:VAL:HA	6	0.25
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD11	1	0.25
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD12	1	0.25
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD13	1	0.25
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD21	1	0.25
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD22	1	0.25
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD23	1	0.25
(32,2309)	1:103:A:ARG:HE	1:107:A:LEU:HD11	12	0.25
(32,2309)	1:103:A:ARG:HE	1:107:A:LEU:HD12	12	0.25
(32,2309)	1:103:A:ARG:HE	1:107:A:LEU:HD13	12	0.25
(32,2309)	1:103:A:ARG:HE	1:107:A:LEU:HD21	12	0.25
(32,2309)	1:103:A:ARG:HE	1:107:A:LEU:HD22	12	0.25
(32,2309)	1:103:A:ARG:HE	1:107:A:LEU:HD23	12	0.25
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD11	8	0.25
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD12	8	0.25
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD13	8	0.25
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD21	8	0.25
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD22	8	0.25
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD23	8	0.25
(32,2282)	1:96:A:VAL:HG11	1:97:A:ASP:H	17	0.25
(32,2282)	1:96:A:VAL:HG12	1:97:A:ASP:H	17	0.25
(32,2282)	1:96:A:VAL:HG13	1:97:A:ASP:H	17	0.25
(32,2282)	1:96:A:VAL:HG21	1:97:A:ASP:H	17	0.25
(32,2282)	1:96:A:VAL:HG22	1:97:A:ASP:H	17	0.25
(32,2282)	1:96:A:VAL:HG23	1:97:A:ASP:H	17	0.25
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG11	5	0.25
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG12	5	0.25
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG13	5	0.25
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG21	5	0.25
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG22	5	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG23	5	0.25
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG11	5	0.25
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG12	5	0.25
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG13	5	0.25
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG21	5	0.25
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG22	5	0.25
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG23	5	0.25
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG11	5	0.25
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG12	5	0.25
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG13	5	0.25
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG21	5	0.25
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG22	5	0.25
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG23	5	0.25
(32,2225)	1:65:A:CYS:HB2	1:70:A:LYS:H	8	0.25
(32,2225)	1:65:A:CYS:HB3	1:70:A:LYS:H	8	0.25
(32,2203)	1:62:A:HIS:H	1:63:A:ILE:HG12	17	0.25
(32,2203)	1:62:A:HIS:H	1:63:A:ILE:HG13	17	0.25
(32,2171)	1:53:A:THR:H	1:57:A:LEU:HD11	5	0.25
(32,2171)	1:53:A:THR:H	1:57:A:LEU:HD12	5	0.25
(32,2171)	1:53:A:THR:H	1:57:A:LEU:HD13	5	0.25
(32,2171)	1:53:A:THR:H	1:57:A:LEU:HD21	5	0.25
(32,2171)	1:53:A:THR:H	1:57:A:LEU:HD22	5	0.25
(32,2171)	1:53:A:THR:H	1:57:A:LEU:HD23	5	0.25
(32,2091)	1:39:A:VAL:HG11	1:43:A:MET:HB2	14	0.25
(32,2091)	1:39:A:VAL:HG12	1:43:A:MET:HB2	14	0.25
(32,2091)	1:39:A:VAL:HG13	1:43:A:MET:HB2	14	0.25
(32,2091)	1:39:A:VAL:HG21	1:43:A:MET:HB2	14	0.25
(32,2091)	1:39:A:VAL:HG22	1:43:A:MET:HB2	14	0.25
(32,2091)	1:39:A:VAL:HG23	1:43:A:MET:HB2	14	0.25
(32,2090)	1:39:A:VAL:HG11	1:43:A:MET:H	6	0.25
(32,2090)	1:39:A:VAL:HG12	1:43:A:MET:H	6	0.25
(32,2090)	1:39:A:VAL:HG13	1:43:A:MET:H	6	0.25
(32,2090)	1:39:A:VAL:HG21	1:43:A:MET:H	6	0.25
(32,2090)	1:39:A:VAL:HG22	1:43:A:MET:H	6	0.25
(32,2090)	1:39:A:VAL:HG23	1:43:A:MET:H	6	0.25
(32,2072)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	5	0.25
(32,2072)	1:37:A:LEU:HD11	1:41:A:LYS:HG3	5	0.25
(32,2072)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	5	0.25
(32,2072)	1:37:A:LEU:HD12	1:41:A:LYS:HG3	5	0.25
(32,2072)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	5	0.25
(32,2072)	1:37:A:LEU:HD13	1:41:A:LYS:HG3	5	0.25
(32,2072)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	10	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2072)	1:37:A:LEU:HD11	1:41:A:LYS:HG3	10	0.25
(32,2072)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	10	0.25
(32,2072)	1:37:A:LEU:HD12	1:41:A:LYS:HG3	10	0.25
(32,2072)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	10	0.25
(32,2072)	1:37:A:LEU:HD13	1:41:A:LYS:HG3	10	0.25
(32,2021)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	2	0.25
(32,2021)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	2	0.25
(32,2021)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	2	0.25
(32,2021)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	2	0.25
(32,2021)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	2	0.25
(32,2021)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	2	0.25
(32,2021)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	2	0.25
(32,2021)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	2	0.25
(32,2021)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	2	0.25
(32,2021)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	2	0.25
(32,2021)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	2	0.25
(32,2021)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	2	0.25
(32,2021)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	14	0.25
(32,2021)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	14	0.25
(32,2021)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	14	0.25
(32,2021)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	14	0.25
(32,2021)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	14	0.25
(32,2021)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	14	0.25
(32,2021)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	14	0.25
(32,2021)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	14	0.25
(32,2021)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	14	0.25
(32,2021)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	14	0.25
(32,2021)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	14	0.25
(32,2021)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	14	0.25
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD11	17	0.25
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD12	17	0.25
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD13	17	0.25
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD21	17	0.25
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD22	17	0.25
(32,2013)	1:26:A:ASP:HB2	1:144:A:LEU:HD23	17	0.25
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD11	17	0.25
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD12	17	0.25
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD13	17	0.25
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD21	17	0.25
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD22	17	0.25
(32,2013)	1:26:A:ASP:HB3	1:144:A:LEU:HD23	17	0.25
(32,2010)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	15	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2010)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	15	0.25
(32,2010)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	15	0.25
(32,2010)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	15	0.25
(32,1926)	1:11:A:ILE:HG13	1:57:A:LEU:HD11	18	0.25
(32,1926)	1:11:A:ILE:HG13	1:57:A:LEU:HD12	18	0.25
(32,1926)	1:11:A:ILE:HG13	1:57:A:LEU:HD13	18	0.25
(32,1926)	1:11:A:ILE:HG13	1:57:A:LEU:HD21	18	0.25
(32,1926)	1:11:A:ILE:HG13	1:57:A:LEU:HD22	18	0.25
(32,1926)	1:11:A:ILE:HG13	1:57:A:LEU:HD23	18	0.25
(32,1918)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	6	0.25
(32,1918)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	6	0.25
(32,1918)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	6	0.25
(32,1918)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	6	0.25
(32,1918)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	6	0.25
(32,1918)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	6	0.25
(32,1918)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	6	0.25
(32,1918)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	6	0.25
(32,1918)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	6	0.25
(32,1918)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	6	0.25
(32,1918)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	6	0.25
(32,1918)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	6	0.25
(32,1918)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	6	0.25
(32,1918)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	6	0.25
(32,1918)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	6	0.25
(32,1918)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	6	0.25
(32,1918)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	6	0.25
(32,1918)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	6	0.25
(32,1913)	1:10:A:ASN:HD21	1:81:A:GLU:H	12	0.25
(32,1913)	1:10:A:ASN:HD22	1:81:A:GLU:H	12	0.25
(32,1876)	1:58:A:ILE:HB	1:62:A:HIS:HE1	17	0.25
(32,1874)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	10	0.25
(32,1869)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	15	0.25
(32,1869)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	15	0.25
(32,1869)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	15	0.25
(32,1869)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	15	0.25
(32,1786)	1:9:A:PHE:HZ	1:11:A:ILE:HB	5	0.25
(32,1770)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	2	0.25
(32,1770)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	2	0.25
(32,1770)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	2	0.25
(32,1770)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	2	0.25
(32,1770)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	2	0.25
(32,1770)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	2	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1765)	1:97:A:ASP:HA	1:104:A:PHE:HE1	17	0.25
(32,1765)	1:97:A:ASP:HA	1:104:A:PHE:HE2	17	0.25
(32,1751)	1:13:A:ALA:HA	1:80:A:TYR:HD1	6	0.25
(32,1751)	1:13:A:ALA:HA	1:80:A:TYR:HD2	6	0.25
(32,1654)	1:43:A:MET:HG2	1:43:A:MET:HE1	4	0.25
(32,1654)	1:43:A:MET:HG2	1:43:A:MET:HE2	4	0.25
(32,1654)	1:43:A:MET:HG2	1:43:A:MET:HE3	4	0.25
(32,1641)	1:69:A:MET:HG3	1:109:A:PRO:HA	5	0.25
(32,1607)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	17	0.25
(32,1607)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	17	0.25
(32,1607)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	17	0.25
(32,1607)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	17	0.25
(32,1607)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	17	0.25
(32,1607)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	17	0.25
(32,1525)	1:11:A:ILE:HD11	1:43:A:MET:H	7	0.25
(32,1525)	1:11:A:ILE:HD12	1:43:A:MET:H	7	0.25
(32,1525)	1:11:A:ILE:HD13	1:43:A:MET:H	7	0.25
(32,1525)	1:11:A:ILE:HD11	1:43:A:MET:H	16	0.25
(32,1525)	1:11:A:ILE:HD12	1:43:A:MET:H	16	0.25
(32,1525)	1:11:A:ILE:HD13	1:43:A:MET:H	16	0.25
(32,1502)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	17	0.25
(32,1502)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	17	0.25
(32,1502)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	17	0.25
(32,1502)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	17	0.25
(32,1502)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	17	0.25
(32,1502)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	17	0.25
(32,1498)	1:76:A:ARG:HE	1:110:A:MET:HE1	13	0.25
(32,1498)	1:76:A:ARG:HE	1:110:A:MET:HE2	13	0.25
(32,1498)	1:76:A:ARG:HE	1:110:A:MET:HE3	13	0.25
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	5	0.25
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	5	0.25
(32,1467)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	5	0.25
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	5	0.25
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	5	0.25
(32,1467)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	5	0.25
(32,1440)	1:101:A:ILE:HG21	1:116:A:GLN:H	11	0.25
(32,1440)	1:101:A:ILE:HG22	1:116:A:GLN:H	11	0.25
(32,1440)	1:101:A:ILE:HG23	1:116:A:GLN:H	11	0.25
(32,1196)	1:140:A:LEU:HD11	1:143:A:TRP:H	10	0.25
(32,1196)	1:140:A:LEU:HD12	1:143:A:TRP:H	10	0.25
(32,1196)	1:140:A:LEU:HD13	1:143:A:TRP:H	10	0.25
(32,1192)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	16	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1192)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	16	0.25
(32,1192)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	16	0.25
(32,1155)	1:100:A:ALA:HA	1:119:A:LEU:HD21	5	0.25
(32,1155)	1:100:A:ALA:HA	1:119:A:LEU:HD22	5	0.25
(32,1155)	1:100:A:ALA:HA	1:119:A:LEU:HD23	5	0.25
(32,1128)	1:30:A:LEU:H	1:30:A:LEU:HD21	13	0.25
(32,1128)	1:30:A:LEU:H	1:30:A:LEU:HD22	13	0.25
(32,1128)	1:30:A:LEU:H	1:30:A:LEU:HD23	13	0.25
(32,961)	1:105:A:LYS:HD2	1:107:A:LEU:H	9	0.25
(32,961)	1:105:A:LYS:HD3	1:107:A:LEU:H	9	0.25
(32,902)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	18	0.25
(32,902)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	18	0.25
(32,902)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	18	0.25
(32,902)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	18	0.25
(32,840)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	2	0.25
(32,838)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	5	0.25
(32,838)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	5	0.25
(32,814)	1:114:A:ILE:HA	1:114:A:ILE:HD11	16	0.25
(32,814)	1:114:A:ILE:HA	1:114:A:ILE:HD12	16	0.25
(32,814)	1:114:A:ILE:HA	1:114:A:ILE:HD13	16	0.25
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	4	0.25
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	4	0.25
(32,801)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	4	0.25
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	4	0.25
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	4	0.25
(32,801)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	4	0.25
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	4	0.25
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	4	0.25
(32,801)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	4	0.25
(32,761)	1:11:A:ILE:HD11	1:15:A:ALA:H	15	0.25
(32,761)	1:11:A:ILE:HD12	1:15:A:ALA:H	15	0.25
(32,761)	1:11:A:ILE:HD13	1:15:A:ALA:H	15	0.25
(32,699)	1:9:A:PHE:HD1	1:54:A:ARG:HE	11	0.25
(32,699)	1:9:A:PHE:HD2	1:54:A:ARG:HE	11	0.25
(32,685)	1:23:A:LEU:HB2	1:25:A:ALA:H	7	0.25
(32,685)	1:23:A:LEU:HB3	1:25:A:ALA:H	7	0.25
(32,515)	1:70:A:LYS:HB2	1:72:A:PHE:H	9	0.25
(32,515)	1:70:A:LYS:HB3	1:72:A:PHE:H	9	0.25
(32,239)	1:58:A:ILE:H	1:58:A:ILE:HG13	10	0.25
(32,201)	1:98:A:ILE:HD11	1:101:A:ILE:H	5	0.25
(32,201)	1:98:A:ILE:HD12	1:101:A:ILE:H	5	0.25
(32,201)	1:98:A:ILE:HD13	1:101:A:ILE:H	5	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,31)	1:96:A:VAL:H	1:97:A:ASP:HB2	11	0.25
(32,31)	1:96:A:VAL:H	1:97:A:ASP:HB3	11	0.25
(32,26)	1:35:A:LEU:H	1:35:A:LEU:HG	13	0.25
(30,2449)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	1	0.25
(30,2449)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	1	0.25
(30,2449)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	1	0.25
(30,2449)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	1	0.25
(30,2449)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	1	0.25
(30,2449)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	1	0.25
(30,2396)	1:125:A:THR:HB	1:128:A:LEU:HD11	5	0.25
(30,2396)	1:125:A:THR:HB	1:128:A:LEU:HD12	5	0.25
(30,2396)	1:125:A:THR:HB	1:128:A:LEU:HD13	5	0.25
(30,2396)	1:125:A:THR:HB	1:128:A:LEU:HD21	5	0.25
(30,2396)	1:125:A:THR:HB	1:128:A:LEU:HD22	5	0.25
(30,2396)	1:125:A:THR:HB	1:128:A:LEU:HD23	5	0.25
(30,2339)	1:107:A:LEU:HA	1:108:A:GLU:HG2	8	0.25
(30,2339)	1:107:A:LEU:HA	1:108:A:GLU:HG3	8	0.25
(30,2293)	1:96:A:VAL:HG11	1:97:A:ASP:H	17	0.25
(30,2293)	1:96:A:VAL:HG12	1:97:A:ASP:H	17	0.25
(30,2293)	1:96:A:VAL:HG13	1:97:A:ASP:H	17	0.25
(30,2293)	1:96:A:VAL:HG21	1:97:A:ASP:H	17	0.25
(30,2293)	1:96:A:VAL:HG22	1:97:A:ASP:H	17	0.25
(30,2293)	1:96:A:VAL:HG23	1:97:A:ASP:H	17	0.25
(30,2287)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	15	0.25
(30,2287)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	15	0.25
(30,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	17	0.25
(30,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	17	0.25
(30,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	17	0.25
(30,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD21	17	0.25
(30,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD22	17	0.25
(30,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD23	17	0.25
(30,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	17	0.25
(30,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	17	0.25
(30,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	17	0.25
(30,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD21	17	0.25
(30,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD22	17	0.25
(30,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD23	17	0.25
(30,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	17	0.25
(30,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	17	0.25
(30,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	17	0.25
(30,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD21	17	0.25
(30,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD22	17	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD23	17	0.25
(30,2157)	1:43:A:MET:H	1:43:A:MET:HG2	3	0.25
(30,2157)	1:43:A:MET:H	1:43:A:MET:HG3	3	0.25
(30,2152)	1:41:A:LYS:HG2	1:42:A:GLU:H	19	0.25
(30,2152)	1:41:A:LYS:HG3	1:42:A:GLU:H	19	0.25
(30,2087)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	6	0.25
(30,2087)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	6	0.25
(30,2087)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	6	0.25
(30,2087)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	6	0.25
(30,2087)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	6	0.25
(30,2087)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	6	0.25
(30,2085)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	2	0.25
(30,2085)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	2	0.25
(30,2085)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	2	0.25
(30,2085)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	2	0.25
(30,2085)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	2	0.25
(30,2085)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	2	0.25
(30,2077)	1:35:A:LEU:HD11	1:39:A:VAL:HB	14	0.25
(30,2077)	1:35:A:LEU:HD12	1:39:A:VAL:HB	14	0.25
(30,2077)	1:35:A:LEU:HD13	1:39:A:VAL:HB	14	0.25
(30,2077)	1:35:A:LEU:HD21	1:39:A:VAL:HB	14	0.25
(30,2077)	1:35:A:LEU:HD22	1:39:A:VAL:HB	14	0.25
(30,2077)	1:35:A:LEU:HD23	1:39:A:VAL:HB	14	0.25
(30,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	9	0.25
(30,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	9	0.25
(30,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	9	0.25
(30,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	9	0.25
(30,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	9	0.25
(30,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	9	0.25
(30,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	9	0.25
(30,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	9	0.25
(30,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	9	0.25
(30,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	9	0.25
(30,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	9	0.25
(30,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	9	0.25
(30,2005)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	7	0.25
(30,2005)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	7	0.25
(30,2005)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	7	0.25
(30,2005)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	7	0.25
(30,2005)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	7	0.25
(30,2005)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	7	0.25
(30,1949)	1:10:A:ASN:HD21	1:13:A:ALA:HB1	16	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1949)	1:10:A:ASN:HD21	1:13:A:ALA:HB2	16	0.25
(30,1949)	1:10:A:ASN:HD21	1:13:A:ALA:HB3	16	0.25
(30,1949)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	16	0.25
(30,1949)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	16	0.25
(30,1949)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	16	0.25
(30,1920)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	17	0.25
(30,1920)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	17	0.25
(30,1914)	1:58:A:ILE:HB	1:62:A:HIS:HE1	17	0.25
(30,1851)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	3	0.25
(30,1851)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	3	0.25
(30,1851)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	7	0.25
(30,1851)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	7	0.25
(30,1822)	1:9:A:PHE:HZ	1:11:A:ILE:HB	5	0.25
(30,1809)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	2	0.25
(30,1809)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	2	0.25
(30,1809)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	2	0.25
(30,1809)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	2	0.25
(30,1809)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	2	0.25
(30,1809)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	2	0.25
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	9	0.25
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	9	0.25
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	9	0.25
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	9	0.25
(30,1803)	1:97:A:ASP:HA	1:104:A:PHE:HE1	17	0.25
(30,1803)	1:97:A:ASP:HA	1:104:A:PHE:HE2	17	0.25
(30,1790)	1:13:A:ALA:HA	1:80:A:TYR:HD1	6	0.25
(30,1790)	1:13:A:ALA:HA	1:80:A:TYR:HD2	6	0.25
(30,1691)	1:69:A:MET:HG3	1:109:A:PRO:HA	5	0.25
(30,1670)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	18	0.25
(30,1670)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	18	0.25
(30,1670)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	18	0.25
(30,1670)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	18	0.25
(30,1584)	1:101:A:ILE:HD11	1:112:A:GLN:HA	15	0.25
(30,1584)	1:101:A:ILE:HD12	1:112:A:GLN:HA	15	0.25
(30,1584)	1:101:A:ILE:HD13	1:112:A:GLN:HA	15	0.25
(30,1509)	1:98:A:ILE:HG21	1:101:A:ILE:HB	16	0.25
(30,1509)	1:98:A:ILE:HG22	1:101:A:ILE:HB	16	0.25
(30,1509)	1:98:A:ILE:HG23	1:101:A:ILE:HB	16	0.25
(30,1438)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	5	0.25
(30,1438)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	5	0.25
(30,1438)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	5	0.25
(30,1403)	1:132:A:ALA:HB1	1:133:A:ASN:HD22	19	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1403)	1:132:A:ALA:HB2	1:133:A:ASN:HD22	19	0.25
(30,1403)	1:132:A:ALA:HB3	1:133:A:ASN:HD22	19	0.25
(30,1400)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	9	0.25
(30,1400)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	9	0.25
(30,1400)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	9	0.25
(30,1400)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	9	0.25
(30,1400)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	9	0.25
(30,1400)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	9	0.25
(30,1400)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	9	0.25
(30,1400)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	9	0.25
(30,1400)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	9	0.25
(30,1215)	1:110:A:MET:HA	1:113:A:PHE:HB2	3	0.25
(30,1215)	1:110:A:MET:HA	1:113:A:PHE:HB2	6	0.25
(30,1215)	1:110:A:MET:HA	1:113:A:PHE:HB2	12	0.25
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD11	8	0.25
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD12	8	0.25
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD13	8	0.25
(30,1139)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	15	0.25
(30,1139)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	15	0.25
(30,1139)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	15	0.25
(30,1139)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	15	0.25
(30,1139)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	15	0.25
(30,1139)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	15	0.25
(30,1139)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	15	0.25
(30,1139)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	15	0.25
(30,1139)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	15	0.25
(30,926)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	18	0.25
(30,926)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	18	0.25
(30,926)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	18	0.25
(30,926)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	18	0.25
(30,854)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	2	0.25
(30,829)	1:114:A:ILE:HA	1:114:A:ILE:HD11	16	0.25
(30,829)	1:114:A:ILE:HA	1:114:A:ILE:HD12	16	0.25
(30,829)	1:114:A:ILE:HA	1:114:A:ILE:HD13	16	0.25
(30,777)	1:11:A:ILE:HD11	1:15:A:ALA:H	15	0.25
(30,777)	1:11:A:ILE:HD12	1:15:A:ALA:H	15	0.25
(30,777)	1:11:A:ILE:HD13	1:15:A:ALA:H	15	0.25
(30,756)	1:53:A:THR:H	1:53:A:THR:HG21	19	0.25
(30,756)	1:53:A:THR:H	1:53:A:THR:HG22	19	0.25
(30,756)	1:53:A:THR:H	1:53:A:THR:HG23	19	0.25
(30,714)	1:9:A:PHE:HD1	1:54:A:ARG:HE	11	0.25
(30,714)	1:9:A:PHE:HD2	1:54:A:ARG:HE	11	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,650)	1:66:A:THR:H	1:70:A:LYS:H	9	0.25
(30,526)	1:70:A:LYS:HB2	1:72:A:PHE:H	9	0.25
(30,526)	1:70:A:LYS:HB3	1:72:A:PHE:H	9	0.25
(30,441)	1:143:A:TRP:H	1:144:A:LEU:HD21	1	0.25
(30,441)	1:143:A:TRP:H	1:144:A:LEU:HD22	1	0.25
(30,441)	1:143:A:TRP:H	1:144:A:LEU:HD23	1	0.25
(30,224)	1:9:A:PHE:HE1	1:10:A:ASN:H	6	0.25
(30,224)	1:9:A:PHE:HE2	1:10:A:ASN:H	6	0.25
(30,224)	1:9:A:PHE:HE1	1:10:A:ASN:H	17	0.25
(30,224)	1:9:A:PHE:HE2	1:10:A:ASN:H	17	0.25
(30,145)	1:59:A:CYS:H	1:60:A:LEU:HD21	11	0.25
(30,145)	1:59:A:CYS:H	1:60:A:LEU:HD22	11	0.25
(30,145)	1:59:A:CYS:H	1:60:A:LEU:HD23	11	0.25
(30,32)	1:96:A:VAL:H	1:97:A:ASP:HB2	11	0.25
(30,32)	1:96:A:VAL:H	1:97:A:ASP:HB3	11	0.25
(29,2315)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	1	0.25
(29,2315)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	1	0.25
(29,2315)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	1	0.25
(29,2315)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	1	0.25
(29,2315)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	1	0.25
(29,2315)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	1	0.25
(29,2315)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	1	0.25
(29,2315)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	1	0.25
(29,2315)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	1	0.25
(29,2315)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	1	0.25
(29,2315)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	1	0.25
(29,2315)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	1	0.25
(29,2315)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	17	0.25
(29,2315)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	17	0.25
(29,2315)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	17	0.25
(29,2315)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	17	0.25
(29,2315)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	17	0.25
(29,2315)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	17	0.25
(29,2315)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	17	0.25
(29,2315)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	17	0.25
(29,2315)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	17	0.25
(29,2315)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	17	0.25
(29,2315)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	17	0.25
(29,2315)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	17	0.25
(29,2271)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	15	0.25
(29,2271)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	15	0.25
(29,2166)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	17	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2166)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	17	0.25
(29,2166)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	17	0.25
(29,2166)	1:47:A:ALA:HB1	1:57:A:LEU:HD21	17	0.25
(29,2166)	1:47:A:ALA:HB1	1:57:A:LEU:HD22	17	0.25
(29,2166)	1:47:A:ALA:HB1	1:57:A:LEU:HD23	17	0.25
(29,2166)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	17	0.25
(29,2166)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	17	0.25
(29,2166)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	17	0.25
(29,2166)	1:47:A:ALA:HB2	1:57:A:LEU:HD21	17	0.25
(29,2166)	1:47:A:ALA:HB2	1:57:A:LEU:HD22	17	0.25
(29,2166)	1:47:A:ALA:HB2	1:57:A:LEU:HD23	17	0.25
(29,2166)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	17	0.25
(29,2166)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	17	0.25
(29,2166)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	17	0.25
(29,2166)	1:47:A:ALA:HB3	1:57:A:LEU:HD21	17	0.25
(29,2166)	1:47:A:ALA:HB3	1:57:A:LEU:HD22	17	0.25
(29,2166)	1:47:A:ALA:HB3	1:57:A:LEU:HD23	17	0.25
(29,2138)	1:40:A:LEU:HD11	1:41:A:LYS:HA	16	0.25
(29,2138)	1:40:A:LEU:HD12	1:41:A:LYS:HA	16	0.25
(29,2138)	1:40:A:LEU:HD13	1:41:A:LYS:HA	16	0.25
(29,2138)	1:40:A:LEU:HD21	1:41:A:LYS:HA	16	0.25
(29,2138)	1:40:A:LEU:HD22	1:41:A:LYS:HA	16	0.25
(29,2138)	1:40:A:LEU:HD23	1:41:A:LYS:HA	16	0.25
(29,2137)	1:40:A:LEU:HD11	1:41:A:LYS:H	13	0.25
(29,2137)	1:40:A:LEU:HD12	1:41:A:LYS:H	13	0.25
(29,2137)	1:40:A:LEU:HD13	1:41:A:LYS:H	13	0.25
(29,2137)	1:40:A:LEU:HD21	1:41:A:LYS:H	13	0.25
(29,2137)	1:40:A:LEU:HD22	1:41:A:LYS:H	13	0.25
(29,2137)	1:40:A:LEU:HD23	1:41:A:LYS:H	13	0.25
(29,2121)	1:39:A:VAL:HG11	1:43:A:MET:H	6	0.25
(29,2121)	1:39:A:VAL:HG12	1:43:A:MET:H	6	0.25
(29,2121)	1:39:A:VAL:HG13	1:43:A:MET:H	6	0.25
(29,2121)	1:39:A:VAL:HG21	1:43:A:MET:H	6	0.25
(29,2121)	1:39:A:VAL:HG22	1:43:A:MET:H	6	0.25
(29,2121)	1:39:A:VAL:HG23	1:43:A:MET:H	6	0.25
(29,2090)	1:35:A:LEU:HD11	1:39:A:VAL:HB	14	0.25
(29,2090)	1:35:A:LEU:HD12	1:39:A:VAL:HB	14	0.25
(29,2090)	1:35:A:LEU:HD13	1:39:A:VAL:HB	14	0.25
(29,2090)	1:35:A:LEU:HD21	1:39:A:VAL:HB	14	0.25
(29,2090)	1:35:A:LEU:HD22	1:39:A:VAL:HB	14	0.25
(29,2090)	1:35:A:LEU:HD23	1:39:A:VAL:HB	14	0.25
(29,2013)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	14	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2013)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	14	0.25
(29,2013)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	14	0.25
(29,2013)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	14	0.25
(29,2013)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	14	0.25
(29,2013)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	14	0.25
(29,2013)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	14	0.25
(29,2013)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	14	0.25
(29,2013)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	14	0.25
(29,2013)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	14	0.25
(29,2013)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	14	0.25
(29,2013)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	14	0.25
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD11	18	0.25
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD12	18	0.25
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD13	18	0.25
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD21	18	0.25
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD22	18	0.25
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD23	18	0.25
(29,1931)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	10	0.25
(29,1925)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	4	0.25
(29,1925)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	4	0.25
(29,1925)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	4	0.25
(29,1925)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	4	0.25
(29,1925)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	4	0.25
(29,1925)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	4	0.25
(29,1920)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	7	0.25
(29,1920)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	7	0.25
(29,1918)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	11	0.25
(29,1918)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	11	0.25
(29,1918)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	11	0.25
(29,1918)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	11	0.25
(29,1860)	1:59:A:CYS:HA	1:62:A:HIS:HD2	7	0.25
(29,1860)	1:59:A:CYS:HA	1:62:A:HIS:HD2	14	0.25
(29,1852)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	12	0.25
(29,1852)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	12	0.25
(29,1847)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	7	0.25
(29,1824)	1:97:A:ASP:HA	1:104:A:PHE:HE1	17	0.25
(29,1824)	1:97:A:ASP:HA	1:104:A:PHE:HE2	17	0.25
(29,1810)	1:13:A:ALA:HA	1:80:A:TYR:HD1	6	0.25
(29,1810)	1:13:A:ALA:HA	1:80:A:TYR:HD2	6	0.25
(29,1805)	1:80:A:TYR:HD1	1:81:A:GLU:HA	13	0.25
(29,1805)	1:80:A:TYR:HD2	1:81:A:GLU:HA	13	0.25
(29,1718)	1:43:A:MET:HG2	1:43:A:MET:HE1	4	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1718)	1:43:A:MET:HG2	1:43:A:MET:HE2	4	0.25
(29,1718)	1:43:A:MET:HG2	1:43:A:MET:HE3	4	0.25
(29,1465)	1:13:A:ALA:HB1	1:61:A:SER:HA	6	0.25
(29,1465)	1:13:A:ALA:HB2	1:61:A:SER:HA	6	0.25
(29,1465)	1:13:A:ALA:HB3	1:61:A:SER:HA	6	0.25
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG21	4	0.25
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG22	4	0.25
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG23	4	0.25
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG21	14	0.25
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG22	14	0.25
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG23	14	0.25
(29,1411)	1:132:A:ALA:HB1	1:133:A:ASN:HD22	19	0.25
(29,1411)	1:132:A:ALA:HB2	1:133:A:ASN:HD22	19	0.25
(29,1411)	1:132:A:ALA:HB3	1:133:A:ASN:HD22	19	0.25
(29,1382)	1:47:A:ALA:H	1:134:A:VAL:HG11	9	0.25
(29,1382)	1:47:A:ALA:H	1:134:A:VAL:HG12	9	0.25
(29,1382)	1:47:A:ALA:H	1:134:A:VAL:HG13	9	0.25
(29,1311)	1:11:A:ILE:HA	1:14:A:VAL:HG11	16	0.25
(29,1311)	1:11:A:ILE:HA	1:14:A:VAL:HG12	16	0.25
(29,1311)	1:11:A:ILE:HA	1:14:A:VAL:HG13	16	0.25
(29,1301)	1:66:A:THR:HG21	1:70:A:LYS:H	14	0.25
(29,1301)	1:66:A:THR:HG22	1:70:A:LYS:H	14	0.25
(29,1301)	1:66:A:THR:HG23	1:70:A:LYS:H	14	0.25
(29,1238)	1:37:A:LEU:H	1:37:A:LEU:HD11	4	0.25
(29,1238)	1:37:A:LEU:H	1:37:A:LEU:HD12	4	0.25
(29,1238)	1:37:A:LEU:H	1:37:A:LEU:HD13	4	0.25
(29,1123)	1:43:A:MET:HA	1:43:A:MET:HG3	4	0.25
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB1	9	0.25
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB2	9	0.25
(29,1101)	1:141:A:LYS:HA	1:149:A:ALA:HB3	9	0.25
(29,1029)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	6	0.25
(29,1029)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	6	0.25
(29,1029)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	13	0.25
(29,1029)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	13	0.25
(29,1010)	1:31:A:PRO:HA	1:32:A:GLY:H	3	0.25
(29,940)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	18	0.25
(29,940)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	18	0.25
(29,940)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	18	0.25
(29,940)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	18	0.25
(29,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	8	0.25
(29,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	8	0.25
(29,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	8	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	17	0.25
(29,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	17	0.25
(29,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	17	0.25
(29,871)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	2	0.25
(29,845)	1:114:A:ILE:HA	1:114:A:ILE:HD11	16	0.25
(29,845)	1:114:A:ILE:HA	1:114:A:ILE:HD12	16	0.25
(29,845)	1:114:A:ILE:HA	1:114:A:ILE:HD13	16	0.25
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD11	14	0.25
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD12	14	0.25
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD13	14	0.25
(29,797)	1:11:A:ILE:HD11	1:15:A:ALA:H	15	0.25
(29,797)	1:11:A:ILE:HD12	1:15:A:ALA:H	15	0.25
(29,797)	1:11:A:ILE:HD13	1:15:A:ALA:H	15	0.25
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	11	0.25
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	11	0.25
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	11	0.25
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	11	0.25
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	11	0.25
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	11	0.25
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	11	0.25
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	11	0.25
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	11	0.25
(29,739)	1:46:A:ASN:HA	1:50:A:ALA:H	10	0.25
(29,677)	1:116:A:GLN:HG3	1:117:A:VAL:H	16	0.25
(29,595)	1:75:A:GLY:H	1:76:A:ARG:HG2	4	0.25
(29,595)	1:75:A:GLY:H	1:76:A:ARG:HG3	4	0.25
(29,530)	1:70:A:LYS:HB2	1:72:A:PHE:H	9	0.25
(29,530)	1:70:A:LYS:HB3	1:72:A:PHE:H	9	0.25
(29,486)	1:147:A:ARG:HG2	1:148:A:CYS:H	11	0.25
(29,486)	1:147:A:ARG:HG3	1:148:A:CYS:H	11	0.25
(29,413)	1:125:A:THR:H	1:128:A:LEU:HG	4	0.25
(29,346)	1:123:A:CYS:H	1:128:A:LEU:HD11	12	0.25
(29,346)	1:123:A:CYS:H	1:128:A:LEU:HD12	12	0.25
(29,346)	1:123:A:CYS:H	1:128:A:LEU:HD13	12	0.25
(29,346)	1:123:A:CYS:H	1:128:A:LEU:HD11	13	0.25
(29,346)	1:123:A:CYS:H	1:128:A:LEU:HD12	13	0.25
(29,346)	1:123:A:CYS:H	1:128:A:LEU:HD13	13	0.25
(29,183)	1:8:A:ASP:H	1:58:A:ILE:HD11	19	0.25
(29,183)	1:8:A:ASP:H	1:58:A:ILE:HD12	19	0.25
(29,183)	1:8:A:ASP:H	1:58:A:ILE:HD13	19	0.25
(29,83)	1:43:A:MET:HB2	1:45:A:ALA:H	19	0.25
(29,37)	1:95:A:ILE:HB	1:96:A:VAL:H	10	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,32)	1:96:A:VAL:H	1:97:A:ASP:H	1	0.25
(23,8)	1:61:A:SER:N	1:57:A:LEU:O	7	0.25
(23,4)	1:45:A:ALA:N	1:41:A:LYS:O	10	0.25
(23,2)	1:39:A:VAL:N	1:36:A:PRO:O	16	0.25
(22,28)	1:115:A:ALA:N	1:111:A:GLU:C	12	0.25
(22,22)	1:107:A:LEU:N	1:103:A:ARG:C	1	0.25
(22,12)	1:59:A:CYS:N	1:55:A:GLY:C	8	0.25
(22,8)	1:45:A:ALA:N	1:41:A:LYS:C	18	0.25
(22,3)	1:39:A:VAL:H	1:36:A:PRO:C	17	0.25
(19,10)	1:127:A:CYS:SG	1:52:A:CYS:CB	4	0.25
(18,2448)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	7	0.25
(18,2448)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	7	0.25
(18,2448)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	7	0.25
(18,2448)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	7	0.25
(18,2448)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	7	0.25
(18,2448)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	7	0.25
(18,2440)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	1	0.25
(18,2440)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	1	0.25
(18,2440)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	1	0.25
(18,2440)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	1	0.25
(18,2440)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	1	0.25
(18,2440)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	1	0.25
(18,2375)	1:125:A:THR:HB	1:128:A:LEU:HD11	5	0.25
(18,2375)	1:125:A:THR:HB	1:128:A:LEU:HD12	5	0.25
(18,2375)	1:125:A:THR:HB	1:128:A:LEU:HD13	5	0.25
(18,2375)	1:125:A:THR:HB	1:128:A:LEU:HD21	5	0.25
(18,2375)	1:125:A:THR:HB	1:128:A:LEU:HD22	5	0.25
(18,2375)	1:125:A:THR:HB	1:128:A:LEU:HD23	5	0.25
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD11	7	0.25
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD12	7	0.25
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD13	7	0.25
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD21	7	0.25
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD22	7	0.25
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD23	7	0.25
(18,2264)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	10	0.25
(18,2264)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	10	0.25
(18,2181)	1:53:A:THR:H	1:57:A:LEU:HD11	5	0.25
(18,2181)	1:53:A:THR:H	1:57:A:LEU:HD12	5	0.25
(18,2181)	1:53:A:THR:H	1:57:A:LEU:HD13	5	0.25
(18,2181)	1:53:A:THR:H	1:57:A:LEU:HD21	5	0.25
(18,2181)	1:53:A:THR:H	1:57:A:LEU:HD22	5	0.25
(18,2181)	1:53:A:THR:H	1:57:A:LEU:HD23	5	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2145)	1:43:A:MET:HE1	1:46:A:ASN:HD21	18	0.25
(18,2145)	1:43:A:MET:HE1	1:46:A:ASN:HD22	18	0.25
(18,2145)	1:43:A:MET:HE2	1:46:A:ASN:HD21	18	0.25
(18,2145)	1:43:A:MET:HE2	1:46:A:ASN:HD22	18	0.25
(18,2145)	1:43:A:MET:HE3	1:46:A:ASN:HD21	18	0.25
(18,2145)	1:43:A:MET:HE3	1:46:A:ASN:HD22	18	0.25
(18,2118)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	14	0.25
(18,2118)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	14	0.25
(18,2118)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	14	0.25
(18,2118)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	14	0.25
(18,2118)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	14	0.25
(18,2118)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	14	0.25
(18,2108)	1:39:A:VAL:HG11	1:43:A:MET:H	4	0.25
(18,2108)	1:39:A:VAL:HG12	1:43:A:MET:H	4	0.25
(18,2108)	1:39:A:VAL:HG13	1:43:A:MET:H	4	0.25
(18,2108)	1:39:A:VAL:HG21	1:43:A:MET:H	4	0.25
(18,2108)	1:39:A:VAL:HG22	1:43:A:MET:H	4	0.25
(18,2108)	1:39:A:VAL:HG23	1:43:A:MET:H	4	0.25
(18,2077)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	1	0.25
(18,2077)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	1	0.25
(18,2077)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	1	0.25
(18,2077)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	1	0.25
(18,2077)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	1	0.25
(18,2077)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	1	0.25
(18,2072)	1:35:A:LEU:HD11	1:39:A:VAL:HB	14	0.25
(18,2072)	1:35:A:LEU:HD12	1:39:A:VAL:HB	14	0.25
(18,2072)	1:35:A:LEU:HD13	1:39:A:VAL:HB	14	0.25
(18,2072)	1:35:A:LEU:HD21	1:39:A:VAL:HB	14	0.25
(18,2072)	1:35:A:LEU:HD22	1:39:A:VAL:HB	14	0.25
(18,2072)	1:35:A:LEU:HD23	1:39:A:VAL:HB	14	0.25
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	8	0.25
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	8	0.25
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	8	0.25
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	8	0.25
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	8	0.25
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	8	0.25
(18,1946)	1:10:A:ASN:HD21	1:81:A:GLU:H	12	0.25
(18,1946)	1:10:A:ASN:HD22	1:81:A:GLU:H	12	0.25
(18,1904)	1:58:A:ILE:HB	1:62:A:HIS:HE1	17	0.25
(18,1892)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	7	0.25
(18,1892)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	7	0.25
(18,1867)	1:72:A:PHE:H	1:72:A:PHE:HE1	14	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1867)	1:72:A:PHE:H	1:72:A:PHE:HE2	14	0.25
(18,1817)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	14	0.25
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	12	0.25
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	12	0.25
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	12	0.25
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	14	0.25
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	14	0.25
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	14	0.25
(18,1809)	1:9:A:PHE:HZ	1:11:A:ILE:HB	5	0.25
(18,1801)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	3	0.25
(18,1801)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	3	0.25
(18,1786)	1:97:A:ASP:HA	1:104:A:PHE:HE1	17	0.25
(18,1786)	1:97:A:ASP:HA	1:104:A:PHE:HE2	17	0.25
(18,1765)	1:80:A:TYR:HD1	1:81:A:GLU:HA	13	0.25
(18,1765)	1:80:A:TYR:HD2	1:81:A:GLU:HA	13	0.25
(18,1712)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	1	0.25
(18,1712)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	1	0.25
(18,1712)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	1	0.25
(18,1683)	1:43:A:MET:HG2	1:43:A:MET:HE1	4	0.25
(18,1683)	1:43:A:MET:HG2	1:43:A:MET:HE2	4	0.25
(18,1683)	1:43:A:MET:HG2	1:43:A:MET:HE3	4	0.25
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	8	0.25
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	8	0.25
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	8	0.25
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	8	0.25
(18,1575)	1:98:A:ILE:HG21	1:104:A:PHE:HE1	7	0.25
(18,1575)	1:98:A:ILE:HG21	1:104:A:PHE:HE2	7	0.25
(18,1575)	1:98:A:ILE:HG22	1:104:A:PHE:HE1	7	0.25
(18,1575)	1:98:A:ILE:HG22	1:104:A:PHE:HE2	7	0.25
(18,1575)	1:98:A:ILE:HG23	1:104:A:PHE:HE1	7	0.25
(18,1575)	1:98:A:ILE:HG23	1:104:A:PHE:HE2	7	0.25
(18,1569)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	14	0.25
(18,1569)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	14	0.25
(18,1569)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	14	0.25
(18,1569)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	18	0.25
(18,1569)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	18	0.25
(18,1569)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	18	0.25
(18,1527)	1:76:A:ARG:HE	1:110:A:MET:HE1	13	0.25
(18,1527)	1:76:A:ARG:HE	1:110:A:MET:HE2	13	0.25
(18,1527)	1:76:A:ARG:HE	1:110:A:MET:HE3	13	0.25
(18,1524)	1:76:A:ARG:HG2	1:110:A:MET:HE1	5	0.25
(18,1524)	1:76:A:ARG:HG2	1:110:A:MET:HE2	5	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1524)	1:76:A:ARG:HG2	1:110:A:MET:HE3	5	0.25
(18,1524)	1:76:A:ARG:HG3	1:110:A:MET:HE1	5	0.25
(18,1524)	1:76:A:ARG:HG3	1:110:A:MET:HE2	5	0.25
(18,1524)	1:76:A:ARG:HG3	1:110:A:MET:HE3	5	0.25
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG21	4	0.25
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG22	4	0.25
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG23	4	0.25
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG21	14	0.25
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG22	14	0.25
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG23	14	0.25
(18,1407)	1:101:A:ILE:HG21	1:102:A:PRO:HD3	2	0.25
(18,1407)	1:101:A:ILE:HG22	1:102:A:PRO:HD3	2	0.25
(18,1407)	1:101:A:ILE:HG23	1:102:A:PRO:HD3	2	0.25
(18,1365)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	1	0.25
(18,1365)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	1	0.25
(18,1365)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	1	0.25
(18,1031)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	6	0.25
(18,1031)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	6	0.25
(18,1031)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	13	0.25
(18,1031)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	13	0.25
(18,1011)	1:31:A:PRO:HA	1:32:A:GLY:H	3	0.25
(18,982)	1:68:A:LYS:HG2	1:109:A:PRO:HB2	17	0.25
(18,982)	1:68:A:LYS:HG2	1:109:A:PRO:HB3	17	0.25
(18,982)	1:68:A:LYS:HG3	1:109:A:PRO:HB2	17	0.25
(18,982)	1:68:A:LYS:HG3	1:109:A:PRO:HB3	17	0.25
(18,976)	1:11:A:ILE:HD11	1:43:A:MET:HB3	15	0.25
(18,976)	1:11:A:ILE:HD12	1:43:A:MET:HB3	15	0.25
(18,976)	1:11:A:ILE:HD13	1:43:A:MET:HB3	15	0.25
(18,942)	1:112:A:GLN:HG2	1:116:A:GLN:HG3	15	0.25
(18,942)	1:112:A:GLN:HG3	1:116:A:GLN:HG3	15	0.25
(18,908)	1:67:A:PRO:HD3	1:95:A:ILE:HB	19	0.25
(18,841)	1:114:A:ILE:HA	1:114:A:ILE:HD11	16	0.25
(18,841)	1:114:A:ILE:HA	1:114:A:ILE:HD12	16	0.25
(18,841)	1:114:A:ILE:HA	1:114:A:ILE:HD13	16	0.25
(18,795)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	3	0.25
(18,795)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	3	0.25
(18,795)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	3	0.25
(18,795)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	3	0.25
(18,795)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	3	0.25
(18,795)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	3	0.25
(18,794)	1:11:A:ILE:HD11	1:15:A:ALA:H	15	0.25
(18,794)	1:11:A:ILE:HD12	1:15:A:ALA:H	15	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,794)	1:11:A:ILE:HD13	1:15:A:ALA:H	15	0.25
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	11	0.25
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	11	0.25
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	11	0.25
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	11	0.25
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	11	0.25
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	11	0.25
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	11	0.25
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	11	0.25
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	11	0.25
(18,744)	1:46:A:ASN:HA	1:50:A:ALA:H	10	0.25
(18,739)	1:16:A:SER:H	1:17:A:ASN:HD21	6	0.25
(18,722)	1:23:A:LEU:HD11	1:27:A:ARG:HE	7	0.25
(18,722)	1:23:A:LEU:HD12	1:27:A:ARG:HE	7	0.25
(18,722)	1:23:A:LEU:HD13	1:27:A:ARG:HE	7	0.25
(18,663)	1:70:A:LYS:H	1:71:A:LYS:HB3	1	0.25
(18,663)	1:70:A:LYS:H	1:71:A:LYS:HB3	15	0.25
(18,642)	1:9:A:PHE:HE1	1:58:A:ILE:H	7	0.25
(18,642)	1:9:A:PHE:HE2	1:58:A:ILE:H	7	0.25
(18,542)	1:70:A:LYS:HB2	1:72:A:PHE:H	9	0.25
(18,542)	1:70:A:LYS:HB3	1:72:A:PHE:H	9	0.25
(18,501)	1:98:A:ILE:H	1:105:A:LYS:H	6	0.25
(18,228)	1:9:A:PHE:HE1	1:10:A:ASN:H	6	0.25
(18,228)	1:9:A:PHE:HE2	1:10:A:ASN:H	6	0.25
(18,228)	1:9:A:PHE:HE1	1:10:A:ASN:H	17	0.25
(18,228)	1:9:A:PHE:HE2	1:10:A:ASN:H	17	0.25
(18,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	16	0.25
(18,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	16	0.25
(18,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	16	0.25
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD11	13	0.25
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD12	13	0.25
(18,111)	1:69:A:MET:H	1:73:A:ILE:HD13	13	0.25
(18,73)	1:13:A:ALA:HB1	1:81:A:GLU:H	3	0.25
(18,73)	1:13:A:ALA:HB2	1:81:A:GLU:H	3	0.25
(18,73)	1:13:A:ALA:HB3	1:81:A:GLU:H	3	0.25
(18,44)	1:98:A:ILE:H	1:104:A:PHE:HB2	1	0.25
(18,41)	1:43:A:MET:HA	1:47:A:ALA:H	6	0.25
(18,30)	1:35:A:LEU:H	1:35:A:LEU:HG	13	0.25
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD11	1	0.25
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD12	1	0.25
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD13	1	0.25
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD21	1	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD22	1	0.25
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD23	1	0.25
(17,2293)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	4	0.25
(17,2293)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	4	0.25
(17,2293)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	4	0.25
(17,2293)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	4	0.25
(17,2293)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	4	0.25
(17,2293)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	4	0.25
(17,2290)	1:96:A:VAL:HG11	1:97:A:ASP:H	17	0.25
(17,2290)	1:96:A:VAL:HG12	1:97:A:ASP:H	17	0.25
(17,2290)	1:96:A:VAL:HG13	1:97:A:ASP:H	17	0.25
(17,2290)	1:96:A:VAL:HG21	1:97:A:ASP:H	17	0.25
(17,2290)	1:96:A:VAL:HG22	1:97:A:ASP:H	17	0.25
(17,2290)	1:96:A:VAL:HG23	1:97:A:ASP:H	17	0.25
(17,2183)	1:47:A:ALA:H	1:134:A:VAL:HG11	15	0.25
(17,2183)	1:47:A:ALA:H	1:134:A:VAL:HG12	15	0.25
(17,2183)	1:47:A:ALA:H	1:134:A:VAL:HG13	15	0.25
(17,2183)	1:47:A:ALA:H	1:134:A:VAL:HG21	15	0.25
(17,2183)	1:47:A:ALA:H	1:134:A:VAL:HG22	15	0.25
(17,2183)	1:47:A:ALA:H	1:134:A:VAL:HG23	15	0.25
(17,2125)	1:39:A:VAL:HG11	1:43:A:MET:H	7	0.25
(17,2125)	1:39:A:VAL:HG12	1:43:A:MET:H	7	0.25
(17,2125)	1:39:A:VAL:HG13	1:43:A:MET:H	7	0.25
(17,2125)	1:39:A:VAL:HG21	1:43:A:MET:H	7	0.25
(17,2125)	1:39:A:VAL:HG22	1:43:A:MET:H	7	0.25
(17,2125)	1:39:A:VAL:HG23	1:43:A:MET:H	7	0.25
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD11	6	0.25
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD12	6	0.25
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD13	6	0.25
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD21	6	0.25
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD22	6	0.25
(17,2105)	1:37:A:LEU:HA	1:40:A:LEU:HD23	6	0.25
(17,2075)	1:31:A:PRO:HD2	1:144:A:LEU:HA	4	0.25
(17,2075)	1:31:A:PRO:HD3	1:144:A:LEU:HA	4	0.25
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	19	0.25
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	19	0.25
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	19	0.25
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	19	0.25
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	19	0.25
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	19	0.25
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	19	0.25
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	19	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	19	0.25
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	19	0.25
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	19	0.25
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	19	0.25
(17,1942)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	7	0.25
(17,1942)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	7	0.25
(17,1942)	1:8:A:ASP:HB3	1:9:A:PHE:HD1	7	0.25
(17,1942)	1:8:A:ASP:HB3	1:9:A:PHE:HD2	7	0.25
(17,1930)	1:58:A:ILE:HB	1:62:A:HIS:HE1	17	0.25
(17,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	4	0.25
(17,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	4	0.25
(17,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	4	0.25
(17,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	4	0.25
(17,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	4	0.25
(17,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	4	0.25
(17,1916)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	11	0.25
(17,1916)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	11	0.25
(17,1916)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	11	0.25
(17,1916)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	11	0.25
(17,1858)	1:59:A:CYS:HA	1:62:A:HIS:HD2	16	0.25
(17,1851)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	6	0.25
(17,1851)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	6	0.25
(17,1851)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	19	0.25
(17,1851)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	19	0.25
(17,1846)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	7	0.25
(17,1836)	1:9:A:PHE:HZ	1:11:A:ILE:HB	5	0.25
(17,1817)	1:97:A:ASP:HA	1:104:A:PHE:HE1	17	0.25
(17,1817)	1:97:A:ASP:HA	1:104:A:PHE:HE2	17	0.25
(17,1808)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	7	0.25
(17,1808)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	7	0.25
(17,1808)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	7	0.25
(17,1808)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	7	0.25
(17,1808)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	7	0.25
(17,1808)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	7	0.25
(17,1803)	1:13:A:ALA:HA	1:80:A:TYR:HD1	6	0.25
(17,1803)	1:13:A:ALA:HA	1:80:A:TYR:HD2	6	0.25
(17,1787)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	4	0.25
(17,1787)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	4	0.25
(17,1787)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	7	0.25
(17,1787)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	7	0.25
(17,1787)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	12	0.25
(17,1787)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	12	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1741)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	5	0.25
(17,1741)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	5	0.25
(17,1741)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	5	0.25
(17,1725)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	1	0.25
(17,1675)	1:69:A:MET:HE1	1:116:A:GLN:HE21	4	0.25
(17,1675)	1:69:A:MET:HE2	1:116:A:GLN:HE21	4	0.25
(17,1675)	1:69:A:MET:HE3	1:116:A:GLN:HE21	4	0.25
(17,1626)	1:126:A:GLY:H	1:128:A:LEU:HD11	9	0.25
(17,1626)	1:126:A:GLY:H	1:128:A:LEU:HD12	9	0.25
(17,1626)	1:126:A:GLY:H	1:128:A:LEU:HD13	9	0.25
(17,1574)	1:138:A:ASP:HB2	1:139:A:LEU:HD11	9	0.25
(17,1574)	1:138:A:ASP:HB2	1:139:A:LEU:HD12	9	0.25
(17,1574)	1:138:A:ASP:HB2	1:139:A:LEU:HD13	9	0.25
(17,1574)	1:138:A:ASP:HB3	1:139:A:LEU:HD11	9	0.25
(17,1574)	1:138:A:ASP:HB3	1:139:A:LEU:HD12	9	0.25
(17,1574)	1:138:A:ASP:HB3	1:139:A:LEU:HD13	9	0.25
(17,1561)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	17	0.25
(17,1561)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	17	0.25
(17,1561)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	17	0.25
(17,1561)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	17	0.25
(17,1561)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	17	0.25
(17,1561)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	17	0.25
(17,1534)	1:98:A:ILE:HG21	1:101:A:ILE:HB	16	0.25
(17,1534)	1:98:A:ILE:HG22	1:101:A:ILE:HB	16	0.25
(17,1534)	1:98:A:ILE:HG23	1:101:A:ILE:HB	16	0.25
(17,1485)	1:45:A:ALA:HB1	1:47:A:ALA:H	16	0.25
(17,1485)	1:45:A:ALA:HB2	1:47:A:ALA:H	16	0.25
(17,1485)	1:45:A:ALA:HB3	1:47:A:ALA:H	16	0.25
(17,1420)	1:132:A:ALA:HB1	1:133:A:ASN:HD22	19	0.25
(17,1420)	1:132:A:ALA:HB2	1:133:A:ASN:HD22	19	0.25
(17,1420)	1:132:A:ALA:HB3	1:133:A:ASN:HD22	19	0.25
(17,1299)	1:128:A:LEU:HD21	1:129:A:LYS:H	3	0.25
(17,1299)	1:128:A:LEU:HD22	1:129:A:LYS:H	3	0.25
(17,1299)	1:128:A:LEU:HD23	1:129:A:LYS:H	3	0.25
(17,1299)	1:128:A:LEU:HD21	1:129:A:LYS:H	4	0.25
(17,1299)	1:128:A:LEU:HD22	1:129:A:LYS:H	4	0.25
(17,1299)	1:128:A:LEU:HD23	1:129:A:LYS:H	4	0.25
(17,1230)	1:37:A:LEU:HA	1:37:A:LEU:HD21	4	0.25
(17,1230)	1:37:A:LEU:HA	1:37:A:LEU:HD22	4	0.25
(17,1230)	1:37:A:LEU:HA	1:37:A:LEU:HD23	4	0.25
(17,1179)	1:136:A:CYS:HA	1:140:A:LEU:HD21	11	0.25
(17,1179)	1:136:A:CYS:HA	1:140:A:LEU:HD22	11	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1179)	1:136:A:CYS:HA	1:140:A:LEU:HD23	11	0.25
(17,1100)	1:68:A:LYS:HA	1:72:A:PHE:HD1	7	0.25
(17,1100)	1:68:A:LYS:HA	1:72:A:PHE:HD2	7	0.25
(17,1092)	1:45:A:ALA:HA	1:48:A:ARG:HG2	9	0.25
(17,1092)	1:45:A:ALA:HA	1:48:A:ARG:HG3	9	0.25
(17,1062)	1:70:A:LYS:H	1:70:A:LYS:HD2	6	0.25
(17,1021)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	6	0.25
(17,1021)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	6	0.25
(17,1021)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	13	0.25
(17,1021)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	13	0.25
(17,1005)	1:31:A:PRO:HA	1:32:A:GLY:H	3	0.25
(17,961)	1:96:A:VAL:HB	1:97:A:ASP:H	17	0.25
(17,937)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	6	0.25
(17,937)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	6	0.25
(17,937)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	6	0.25
(17,937)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	6	0.25
(17,923)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	4	0.25
(17,923)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	4	0.25
(17,923)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	4	0.25
(17,840)	1:114:A:ILE:HA	1:114:A:ILE:HD11	16	0.25
(17,840)	1:114:A:ILE:HA	1:114:A:ILE:HD12	16	0.25
(17,840)	1:114:A:ILE:HA	1:114:A:ILE:HD13	16	0.25
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	10	0.25
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	10	0.25
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	10	0.25
(17,803)	1:63:A:ILE:HD11	1:117:A:VAL:HB	7	0.25
(17,803)	1:63:A:ILE:HD12	1:117:A:VAL:HB	7	0.25
(17,803)	1:63:A:ILE:HD13	1:117:A:VAL:HB	7	0.25
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	11	0.25
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	11	0.25
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	11	0.25
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	11	0.25
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	11	0.25
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	11	0.25
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	11	0.25
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	11	0.25
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	11	0.25
(17,732)	1:46:A:ASN:HA	1:50:A:ALA:H	10	0.25
(17,705)	1:23:A:LEU:HB2	1:25:A:ALA:H	7	0.25
(17,705)	1:23:A:LEU:HB3	1:25:A:ALA:H	7	0.25
(17,694)	1:56:A:CYS:H	1:122:A:ASP:HB2	16	0.25
(17,671)	1:116:A:GLN:HG3	1:117:A:VAL:H	16	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,631)	1:9:A:PHE:HE1	1:58:A:ILE:H	7	0.25
(17,631)	1:9:A:PHE:HE2	1:58:A:ILE:H	7	0.25
(17,628)	1:57:A:LEU:H	1:58:A:ILE:HD11	6	0.25
(17,628)	1:57:A:LEU:H	1:58:A:ILE:HD12	6	0.25
(17,628)	1:57:A:LEU:H	1:58:A:ILE:HD13	6	0.25
(17,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	12	0.25
(17,578)	1:128:A:LEU:HD21	1:130:A:GLY:H	14	0.25
(17,578)	1:128:A:LEU:HD22	1:130:A:GLY:H	14	0.25
(17,578)	1:128:A:LEU:HD23	1:130:A:GLY:H	14	0.25
(17,522)	1:70:A:LYS:HB2	1:72:A:PHE:H	9	0.25
(17,522)	1:70:A:LYS:HB3	1:72:A:PHE:H	9	0.25
(17,476)	1:147:A:ARG:HG2	1:148:A:CYS:H	11	0.25
(17,476)	1:147:A:ARG:HG3	1:148:A:CYS:H	11	0.25
(17,405)	1:125:A:THR:H	1:128:A:LEU:HG	4	0.25
(17,219)	1:9:A:PHE:HE1	1:10:A:ASN:H	6	0.25
(17,219)	1:9:A:PHE:HE2	1:10:A:ASN:H	6	0.25
(17,219)	1:9:A:PHE:HE1	1:10:A:ASN:H	17	0.25
(17,219)	1:9:A:PHE:HE2	1:10:A:ASN:H	17	0.25
(17,176)	1:8:A:ASP:H	1:58:A:ILE:HD11	19	0.25
(17,176)	1:8:A:ASP:H	1:58:A:ILE:HD12	19	0.25
(17,176)	1:8:A:ASP:H	1:58:A:ILE:HD13	19	0.25
(17,144)	1:59:A:CYS:H	1:60:A:LEU:HD21	11	0.25
(17,144)	1:59:A:CYS:H	1:60:A:LEU:HD22	11	0.25
(17,144)	1:59:A:CYS:H	1:60:A:LEU:HD23	11	0.25
(16,2398)	1:125:A:THR:HB	1:128:A:LEU:HD11	5	0.25
(16,2398)	1:125:A:THR:HB	1:128:A:LEU:HD12	5	0.25
(16,2398)	1:125:A:THR:HB	1:128:A:LEU:HD13	5	0.25
(16,2398)	1:125:A:THR:HB	1:128:A:LEU:HD21	5	0.25
(16,2398)	1:125:A:THR:HB	1:128:A:LEU:HD22	5	0.25
(16,2398)	1:125:A:THR:HB	1:128:A:LEU:HD23	5	0.25
(16,2371)	1:116:A:GLN:HG2	1:117:A:VAL:HA	6	0.25
(16,2371)	1:116:A:GLN:HG3	1:117:A:VAL:HA	6	0.25
(16,2331)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	9	0.25
(16,2331)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	9	0.25
(16,2331)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	9	0.25
(16,2331)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	9	0.25
(16,2331)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	9	0.25
(16,2331)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	9	0.25
(16,2264)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	10	0.25
(16,2264)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	10	0.25
(16,2213)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	10	0.25
(16,2213)	1:63:A:ILE:HG12	1:116:A:GLN:HG3	10	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2174)	1:53:A:THR:H	1:57:A:LEU:HD11	5	0.25
(16,2174)	1:53:A:THR:H	1:57:A:LEU:HD12	5	0.25
(16,2174)	1:53:A:THR:H	1:57:A:LEU:HD13	5	0.25
(16,2174)	1:53:A:THR:H	1:57:A:LEU:HD21	5	0.25
(16,2174)	1:53:A:THR:H	1:57:A:LEU:HD22	5	0.25
(16,2174)	1:53:A:THR:H	1:57:A:LEU:HD23	5	0.25
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD11	15	0.25
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD12	15	0.25
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD13	15	0.25
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD21	15	0.25
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD22	15	0.25
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD23	15	0.25
(16,2151)	1:43:A:MET:HE1	1:131:A:LEU:HB2	12	0.25
(16,2151)	1:43:A:MET:HE1	1:131:A:LEU:HB3	12	0.25
(16,2151)	1:43:A:MET:HE2	1:131:A:LEU:HB2	12	0.25
(16,2151)	1:43:A:MET:HE2	1:131:A:LEU:HB3	12	0.25
(16,2151)	1:43:A:MET:HE3	1:131:A:LEU:HB2	12	0.25
(16,2151)	1:43:A:MET:HE3	1:131:A:LEU:HB3	12	0.25
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD11	18	0.25
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD12	18	0.25
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD13	18	0.25
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD21	18	0.25
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD22	18	0.25
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD23	18	0.25
(16,2133)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	14	0.25
(16,2133)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	14	0.25
(16,2133)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	14	0.25
(16,2133)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	14	0.25
(16,2133)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	14	0.25
(16,2133)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	14	0.25
(16,2124)	1:39:A:VAL:HG11	1:43:A:MET:HG3	1	0.25
(16,2124)	1:39:A:VAL:HG12	1:43:A:MET:HG3	1	0.25
(16,2124)	1:39:A:VAL:HG13	1:43:A:MET:HG3	1	0.25
(16,2124)	1:39:A:VAL:HG21	1:43:A:MET:HG3	1	0.25
(16,2124)	1:39:A:VAL:HG22	1:43:A:MET:HG3	1	0.25
(16,2124)	1:39:A:VAL:HG23	1:43:A:MET:HG3	1	0.25
(16,2122)	1:39:A:VAL:HG11	1:43:A:MET:H	7	0.25
(16,2122)	1:39:A:VAL:HG12	1:43:A:MET:H	7	0.25
(16,2122)	1:39:A:VAL:HG13	1:43:A:MET:H	7	0.25
(16,2122)	1:39:A:VAL:HG21	1:43:A:MET:H	7	0.25
(16,2122)	1:39:A:VAL:HG22	1:43:A:MET:H	7	0.25
(16,2122)	1:39:A:VAL:HG23	1:43:A:MET:H	7	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2093)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	2	0.25
(16,2093)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	2	0.25
(16,2093)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	2	0.25
(16,2093)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	2	0.25
(16,2093)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	2	0.25
(16,2093)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	2	0.25
(16,2088)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	11	0.25
(16,2088)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	11	0.25
(16,2088)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	11	0.25
(16,2088)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	11	0.25
(16,2088)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	11	0.25
(16,2088)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	11	0.25
(16,2088)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	11	0.25
(16,2088)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	11	0.25
(16,2088)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	11	0.25
(16,2088)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	11	0.25
(16,2088)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	11	0.25
(16,2088)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	11	0.25
(16,2085)	1:35:A:LEU:HD11	1:39:A:VAL:HB	14	0.25
(16,2085)	1:35:A:LEU:HD12	1:39:A:VAL:HB	14	0.25
(16,2085)	1:35:A:LEU:HD13	1:39:A:VAL:HB	14	0.25
(16,2085)	1:35:A:LEU:HD21	1:39:A:VAL:HB	14	0.25
(16,2085)	1:35:A:LEU:HD22	1:39:A:VAL:HB	14	0.25
(16,2085)	1:35:A:LEU:HD23	1:39:A:VAL:HB	14	0.25
(16,2081)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	9	0.25
(16,2081)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	9	0.25
(16,2081)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	9	0.25
(16,2081)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	9	0.25
(16,2081)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	9	0.25
(16,2081)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	9	0.25
(16,2081)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	14	0.25
(16,2081)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	14	0.25
(16,2081)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	14	0.25
(16,2081)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	14	0.25
(16,2081)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	14	0.25
(16,2081)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	14	0.25
(16,2060)	1:30:A:LEU:HD11	1:79:A:THR:HB	9	0.25
(16,2060)	1:30:A:LEU:HD12	1:79:A:THR:HB	9	0.25
(16,2060)	1:30:A:LEU:HD13	1:79:A:THR:HB	9	0.25
(16,2060)	1:30:A:LEU:HD21	1:79:A:THR:HB	9	0.25
(16,2060)	1:30:A:LEU:HD22	1:79:A:THR:HB	9	0.25
(16,2060)	1:30:A:LEU:HD23	1:79:A:THR:HB	9	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	14	0.25
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	14	0.25
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	14	0.25
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	14	0.25
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	14	0.25
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	14	0.25
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	14	0.25
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	14	0.25
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	14	0.25
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	14	0.25
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	14	0.25
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	14	0.25
(16,1998)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	7	0.25
(16,1998)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	7	0.25
(16,1998)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	7	0.25
(16,1998)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	7	0.25
(16,1998)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	7	0.25
(16,1998)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	7	0.25
(16,1983)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	14	0.25
(16,1983)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	14	0.25
(16,1983)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	14	0.25
(16,1983)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	14	0.25
(16,1983)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	14	0.25
(16,1983)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	14	0.25
(16,1983)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	14	0.25
(16,1983)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	14	0.25
(16,1983)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	14	0.25
(16,1983)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	14	0.25
(16,1983)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	14	0.25
(16,1983)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	14	0.25
(16,1966)	1:12:A:VAL:HG11	1:43:A:MET:HB3	10	0.25
(16,1966)	1:12:A:VAL:HG12	1:43:A:MET:HB3	10	0.25
(16,1966)	1:12:A:VAL:HG13	1:43:A:MET:HB3	10	0.25
(16,1966)	1:12:A:VAL:HG21	1:43:A:MET:HB3	10	0.25
(16,1966)	1:12:A:VAL:HG22	1:43:A:MET:HB3	10	0.25
(16,1966)	1:12:A:VAL:HG23	1:43:A:MET:HB3	10	0.25
(16,1963)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	5	0.25
(16,1963)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	5	0.25
(16,1963)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	5	0.25
(16,1963)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	5	0.25
(16,1963)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	5	0.25
(16,1963)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	5	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1940)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	10	0.25
(16,1940)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	10	0.25
(16,1940)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	10	0.25
(16,1940)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	10	0.25
(16,1918)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	3	0.25
(16,1918)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	3	0.25
(16,1918)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	3	0.25
(16,1918)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	3	0.25
(16,1838)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	3	0.25
(16,1838)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	3	0.25
(16,1838)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	7	0.25
(16,1838)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	7	0.25
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	12	0.25
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	12	0.25
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	12	0.25
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	14	0.25
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	14	0.25
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	14	0.25
(16,1815)	1:9:A:PHE:HZ	1:11:A:ILE:HB	5	0.25
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	10	0.25
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	10	0.25
(16,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	10	0.25
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	10	0.25
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	10	0.25
(16,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	10	0.25
(16,1800)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	2	0.25
(16,1800)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	2	0.25
(16,1800)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	2	0.25
(16,1800)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	2	0.25
(16,1800)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	2	0.25
(16,1800)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	2	0.25
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	9	0.25
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	9	0.25
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	9	0.25
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	9	0.25
(16,1784)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	7	0.25
(16,1784)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	7	0.25
(16,1784)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	7	0.25
(16,1784)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	7	0.25
(16,1784)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	7	0.25
(16,1784)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	7	0.25
(16,1782)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	10	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1782)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	10	0.25
(16,1782)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	10	0.25
(16,1782)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	10	0.25
(16,1760)	1:97:A:ASP:HA	1:105:A:LYS:HA	13	0.25
(16,1701)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	1	0.25
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	2	0.25
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	2	0.25
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	5	0.25
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	5	0.25
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	13	0.25
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	13	0.25
(16,1567)	1:101:A:ILE:HD11	1:112:A:GLN:HA	15	0.25
(16,1567)	1:101:A:ILE:HD12	1:112:A:GLN:HA	15	0.25
(16,1567)	1:101:A:ILE:HD13	1:112:A:GLN:HA	15	0.25
(16,1564)	1:63:A:ILE:HD11	1:113:A:PHE:HA	9	0.25
(16,1564)	1:63:A:ILE:HD12	1:113:A:PHE:HA	9	0.25
(16,1564)	1:63:A:ILE:HD13	1:113:A:PHE:HA	9	0.25
(16,1557)	1:11:A:ILE:HD11	1:18:A:PHE:HD1	18	0.25
(16,1557)	1:11:A:ILE:HD11	1:18:A:PHE:HD2	18	0.25
(16,1557)	1:11:A:ILE:HD12	1:18:A:PHE:HD1	18	0.25
(16,1557)	1:11:A:ILE:HD12	1:18:A:PHE:HD2	18	0.25
(16,1557)	1:11:A:ILE:HD13	1:18:A:PHE:HD1	18	0.25
(16,1557)	1:11:A:ILE:HD13	1:18:A:PHE:HD2	18	0.25
(16,1545)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	4	0.25
(16,1545)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	4	0.25
(16,1545)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	4	0.25
(16,1545)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	4	0.25
(16,1545)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	4	0.25
(16,1545)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	4	0.25
(16,1536)	1:76:A:ARG:HE	1:110:A:MET:HE1	13	0.25
(16,1536)	1:76:A:ARG:HE	1:110:A:MET:HE2	13	0.25
(16,1536)	1:76:A:ARG:HE	1:110:A:MET:HE3	13	0.25
(16,1532)	1:76:A:ARG:HG2	1:110:A:MET:HE1	5	0.25
(16,1532)	1:76:A:ARG:HG2	1:110:A:MET:HE2	5	0.25
(16,1532)	1:76:A:ARG:HG2	1:110:A:MET:HE3	5	0.25
(16,1532)	1:76:A:ARG:HG3	1:110:A:MET:HE1	5	0.25
(16,1532)	1:76:A:ARG:HG3	1:110:A:MET:HE2	5	0.25
(16,1532)	1:76:A:ARG:HG3	1:110:A:MET:HE3	5	0.25
(16,1530)	1:69:A:MET:HE1	1:76:A:ARG:HB3	16	0.25
(16,1530)	1:69:A:MET:HE2	1:76:A:ARG:HB3	16	0.25
(16,1530)	1:69:A:MET:HE3	1:76:A:ARG:HB3	16	0.25
(16,1511)	1:98:A:ILE:HG21	1:101:A:ILE:HB	16	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1511)	1:98:A:ILE:HG22	1:101:A:ILE:HB	16	0.25
(16,1511)	1:98:A:ILE:HG23	1:101:A:ILE:HB	16	0.25
(16,1446)	1:50:A:ALA:HB1	1:130:A:GLY:H	2	0.25
(16,1446)	1:50:A:ALA:HB2	1:130:A:GLY:H	2	0.25
(16,1446)	1:50:A:ALA:HB3	1:130:A:GLY:H	2	0.25
(16,1270)	1:113:A:PHE:HE1	1:117:A:VAL:HG11	13	0.25
(16,1270)	1:113:A:PHE:HE1	1:117:A:VAL:HG12	13	0.25
(16,1270)	1:113:A:PHE:HE1	1:117:A:VAL:HG13	13	0.25
(16,1270)	1:113:A:PHE:HE2	1:117:A:VAL:HG11	13	0.25
(16,1270)	1:113:A:PHE:HE2	1:117:A:VAL:HG12	13	0.25
(16,1270)	1:113:A:PHE:HE2	1:117:A:VAL:HG13	13	0.25
(16,1270)	1:113:A:PHE:HE1	1:117:A:VAL:HG11	19	0.25
(16,1270)	1:113:A:PHE:HE1	1:117:A:VAL:HG12	19	0.25
(16,1270)	1:113:A:PHE:HE1	1:117:A:VAL:HG13	19	0.25
(16,1270)	1:113:A:PHE:HE2	1:117:A:VAL:HG11	19	0.25
(16,1270)	1:113:A:PHE:HE2	1:117:A:VAL:HG12	19	0.25
(16,1270)	1:113:A:PHE:HE2	1:117:A:VAL:HG13	19	0.25
(16,1249)	1:40:A:LEU:H	1:40:A:LEU:HD11	1	0.25
(16,1249)	1:40:A:LEU:H	1:40:A:LEU:HD12	1	0.25
(16,1249)	1:40:A:LEU:H	1:40:A:LEU:HD13	1	0.25
(16,1249)	1:40:A:LEU:H	1:40:A:LEU:HD11	9	0.25
(16,1249)	1:40:A:LEU:H	1:40:A:LEU:HD12	9	0.25
(16,1249)	1:40:A:LEU:H	1:40:A:LEU:HD13	9	0.25
(16,1201)	1:100:A:ALA:HA	1:119:A:LEU:HD21	5	0.25
(16,1201)	1:100:A:ALA:HA	1:119:A:LEU:HD22	5	0.25
(16,1201)	1:100:A:ALA:HA	1:119:A:LEU:HD23	5	0.25
(16,1103)	1:68:A:LYS:HA	1:72:A:PHE:HD1	7	0.25
(16,1103)	1:68:A:LYS:HA	1:72:A:PHE:HD2	7	0.25
(16,1019)	1:31:A:PRO:HA	1:32:A:GLY:H	3	0.25
(16,968)	1:39:A:VAL:HA	1:43:A:MET:HG2	1	0.25
(16,902)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	19	0.25
(16,902)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	19	0.25
(16,902)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	19	0.25
(16,874)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	3	0.25
(16,874)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	3	0.25
(16,874)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	3	0.25
(16,870)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	2	0.25
(16,840)	1:114:A:ILE:HA	1:114:A:ILE:HD11	16	0.25
(16,840)	1:114:A:ILE:HA	1:114:A:ILE:HD12	16	0.25
(16,840)	1:114:A:ILE:HA	1:114:A:ILE:HD13	16	0.25
(16,807)	1:58:A:ILE:HD11	1:59:A:CYS:H	3	0.25
(16,807)	1:58:A:ILE:HD12	1:59:A:CYS:H	3	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,807)	1:58:A:ILE:HD13	1:59:A:CYS:H	3	0.25
(16,807)	1:58:A:ILE:HD11	1:59:A:CYS:H	14	0.25
(16,807)	1:58:A:ILE:HD12	1:59:A:CYS:H	14	0.25
(16,807)	1:58:A:ILE:HD13	1:59:A:CYS:H	14	0.25
(16,807)	1:58:A:ILE:HD11	1:59:A:CYS:H	15	0.25
(16,807)	1:58:A:ILE:HD12	1:59:A:CYS:H	15	0.25
(16,807)	1:58:A:ILE:HD13	1:59:A:CYS:H	15	0.25
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	10	0.25
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	10	0.25
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	10	0.25
(16,793)	1:63:A:ILE:HD11	1:64:A:LYS:H	9	0.25
(16,793)	1:63:A:ILE:HD12	1:64:A:LYS:H	9	0.25
(16,793)	1:63:A:ILE:HD13	1:64:A:LYS:H	9	0.25
(16,769)	1:53:A:THR:H	1:53:A:THR:HG21	19	0.25
(16,769)	1:53:A:THR:H	1:53:A:THR:HG22	19	0.25
(16,769)	1:53:A:THR:H	1:53:A:THR:HG23	19	0.25
(16,712)	1:23:A:LEU:HB2	1:25:A:ALA:H	7	0.25
(16,712)	1:23:A:LEU:HB3	1:25:A:ALA:H	7	0.25
(16,702)	1:56:A:CYS:H	1:122:A:ASP:HB2	16	0.25
(16,633)	1:57:A:LEU:H	1:58:A:ILE:HD11	6	0.25
(16,633)	1:57:A:LEU:H	1:58:A:ILE:HD12	6	0.25
(16,633)	1:57:A:LEU:H	1:58:A:ILE:HD13	6	0.25
(16,595)	1:75:A:GLY:H	1:76:A:ARG:HG2	4	0.25
(16,595)	1:75:A:GLY:H	1:76:A:ARG:HG3	4	0.25
(16,414)	1:125:A:THR:H	1:128:A:LEU:HG	4	0.25
(16,179)	1:8:A:ASP:H	1:58:A:ILE:HG13	4	0.25
(16,179)	1:8:A:ASP:H	1:58:A:ILE:HG13	11	0.25
(16,35)	1:95:A:ILE:HB	1:96:A:VAL:H	10	0.25
(16,9)	1:63:A:ILE:HG13	1:64:A:LYS:H	12	0.25
(15,2465)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	7	0.25
(15,2465)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	7	0.25
(15,2465)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	7	0.25
(15,2465)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	7	0.25
(15,2465)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	7	0.25
(15,2465)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	7	0.25
(15,2457)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	1	0.25
(15,2457)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	1	0.25
(15,2457)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	1	0.25
(15,2457)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	1	0.25
(15,2457)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	1	0.25
(15,2457)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	1	0.25
(15,2439)	1:137:A:SER:HB2	1:140:A:LEU:HB2	5	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2439)	1:137:A:SER:HB3	1:140:A:LEU:HB2	5	0.25
(15,2311)	1:105:A:LYS:HG2	1:112:A:GLN:HE21	4	0.25
(15,2311)	1:105:A:LYS:HG3	1:112:A:GLN:HE21	4	0.25
(15,2311)	1:105:A:LYS:HG2	1:112:A:GLN:HE22	4	0.25
(15,2311)	1:105:A:LYS:HG3	1:112:A:GLN:HE22	4	0.25
(15,2264)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	15	0.25
(15,2264)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	15	0.25
(15,2082)	1:39:A:VAL:HG11	1:43:A:MET:H	6	0.25
(15,2082)	1:39:A:VAL:HG12	1:43:A:MET:H	6	0.25
(15,2082)	1:39:A:VAL:HG13	1:43:A:MET:H	6	0.25
(15,2082)	1:39:A:VAL:HG21	1:43:A:MET:H	6	0.25
(15,2082)	1:39:A:VAL:HG22	1:43:A:MET:H	6	0.25
(15,2082)	1:39:A:VAL:HG23	1:43:A:MET:H	6	0.25
(15,2049)	1:35:A:LEU:HD11	1:39:A:VAL:HB	14	0.25
(15,2049)	1:35:A:LEU:HD12	1:39:A:VAL:HB	14	0.25
(15,2049)	1:35:A:LEU:HD13	1:39:A:VAL:HB	14	0.25
(15,2049)	1:35:A:LEU:HD21	1:39:A:VAL:HB	14	0.25
(15,2049)	1:35:A:LEU:HD22	1:39:A:VAL:HB	14	0.25
(15,2049)	1:35:A:LEU:HD23	1:39:A:VAL:HB	14	0.25
(15,2034)	1:31:A:PRO:HD2	1:144:A:LEU:HA	4	0.25
(15,2034)	1:31:A:PRO:HD3	1:144:A:LEU:HA	4	0.25
(15,1972)	1:15:A:ALA:H	1:131:A:LEU:HD11	18	0.25
(15,1972)	1:15:A:ALA:H	1:131:A:LEU:HD12	18	0.25
(15,1972)	1:15:A:ALA:H	1:131:A:LEU:HD13	18	0.25
(15,1972)	1:15:A:ALA:H	1:131:A:LEU:HD21	18	0.25
(15,1972)	1:15:A:ALA:H	1:131:A:LEU:HD22	18	0.25
(15,1972)	1:15:A:ALA:H	1:131:A:LEU:HD23	18	0.25
(15,1961)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	4	0.25
(15,1961)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	4	0.25
(15,1961)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	4	0.25
(15,1961)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	4	0.25
(15,1961)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	4	0.25
(15,1961)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	4	0.25
(15,1961)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	4	0.25
(15,1961)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	4	0.25
(15,1961)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	4	0.25
(15,1961)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	4	0.25
(15,1961)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	4	0.25
(15,1961)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	4	0.25
(15,1940)	1:11:A:ILE:HG13	1:57:A:LEU:HD11	18	0.25
(15,1940)	1:11:A:ILE:HG13	1:57:A:LEU:HD12	18	0.25
(15,1940)	1:11:A:ILE:HG13	1:57:A:LEU:HD13	18	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1940)	1:11:A:ILE:HG13	1:57:A:LEU:HD21	18	0.25
(15,1940)	1:11:A:ILE:HG13	1:57:A:LEU:HD22	18	0.25
(15,1940)	1:11:A:ILE:HG13	1:57:A:LEU:HD23	18	0.25
(15,1891)	1:58:A:ILE:HA	1:62:A:HIS:HE1	4	0.25
(15,1882)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	4	0.25
(15,1882)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	4	0.25
(15,1882)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	4	0.25
(15,1882)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	4	0.25
(15,1882)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	4	0.25
(15,1882)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	4	0.25
(15,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	2	0.25
(15,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	2	0.25
(15,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	2	0.25
(15,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	2	0.25
(15,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	2	0.25
(15,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	2	0.25
(15,1789)	1:97:A:ASP:HA	1:104:A:PHE:HE1	17	0.25
(15,1789)	1:97:A:ASP:HA	1:104:A:PHE:HE2	17	0.25
(15,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	7	0.25
(15,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	7	0.25
(15,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	7	0.25
(15,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	7	0.25
(15,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	7	0.25
(15,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	7	0.25
(15,1777)	1:13:A:ALA:HA	1:80:A:TYR:HD1	6	0.25
(15,1777)	1:13:A:ALA:HA	1:80:A:TYR:HD2	6	0.25
(15,1754)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	19	0.25
(15,1754)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	19	0.25
(15,1754)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	19	0.25
(15,1726)	1:105:A:LYS:H	1:105:A:LYS:HG3	10	0.25
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD21	6	0.25
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD22	6	0.25
(15,1603)	1:126:A:GLY:H	1:128:A:LEU:HD23	6	0.25
(15,1590)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	4	0.25
(15,1590)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	4	0.25
(15,1590)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	4	0.25
(15,1468)	1:95:A:ILE:HG21	1:97:A:ASP:H	14	0.25
(15,1468)	1:95:A:ILE:HG22	1:97:A:ASP:H	14	0.25
(15,1468)	1:95:A:ILE:HG23	1:97:A:ASP:H	14	0.25
(15,1400)	1:132:A:ALA:HB1	1:133:A:ASN:HD22	19	0.25
(15,1400)	1:132:A:ALA:HB2	1:133:A:ASN:HD22	19	0.25
(15,1400)	1:132:A:ALA:HB3	1:133:A:ASN:HD22	19	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1290)	1:66:A:THR:HG21	1:70:A:LYS:H	14	0.25
(15,1290)	1:66:A:THR:HG22	1:70:A:LYS:H	14	0.25
(15,1290)	1:66:A:THR:HG23	1:70:A:LYS:H	14	0.25
(15,1246)	1:21:A:THR:HG21	1:23:A:LEU:HA	8	0.25
(15,1246)	1:21:A:THR:HG22	1:23:A:LEU:HA	8	0.25
(15,1246)	1:21:A:THR:HG23	1:23:A:LEU:HA	8	0.25
(15,1221)	1:110:A:MET:HA	1:113:A:PHE:HB2	3	0.25
(15,1221)	1:110:A:MET:HA	1:113:A:PHE:HB2	6	0.25
(15,1221)	1:110:A:MET:HA	1:113:A:PHE:HB2	12	0.25
(15,1220)	1:37:A:LEU:HA	1:37:A:LEU:HD21	4	0.25
(15,1220)	1:37:A:LEU:HA	1:37:A:LEU:HD22	4	0.25
(15,1220)	1:37:A:LEU:HA	1:37:A:LEU:HD23	4	0.25
(15,1177)	1:128:A:LEU:HD21	1:129:A:LYS:H	7	0.25
(15,1177)	1:128:A:LEU:HD22	1:129:A:LYS:H	7	0.25
(15,1177)	1:128:A:LEU:HD23	1:129:A:LYS:H	7	0.25
(15,1169)	1:136:A:CYS:HA	1:140:A:LEU:HD21	11	0.25
(15,1169)	1:136:A:CYS:HA	1:140:A:LEU:HD22	11	0.25
(15,1169)	1:136:A:CYS:HA	1:140:A:LEU:HD23	11	0.25
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD11	19	0.25
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD12	19	0.25
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD13	19	0.25
(15,1035)	1:63:A:ILE:HG12	1:116:A:GLN:HG3	10	0.25
(15,1004)	1:31:A:PRO:HA	1:32:A:GLY:H	3	0.25
(15,957)	1:70:A:LYS:HB2	1:74:A:PRO:HA	6	0.25
(15,957)	1:70:A:LYS:HB3	1:74:A:PRO:HA	6	0.25
(15,912)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	18	0.25
(15,912)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	18	0.25
(15,912)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	18	0.25
(15,862)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	2	0.25
(15,840)	1:45:A:ALA:HA	1:48:A:ARG:HD2	4	0.25
(15,840)	1:45:A:ALA:HA	1:48:A:ARG:HD3	4	0.25
(15,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	2	0.25
(15,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	2	0.25
(15,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	2	0.25
(15,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	2	0.25
(15,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	2	0.25
(15,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	2	0.25
(15,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	2	0.25
(15,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	2	0.25
(15,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	2	0.25
(15,787)	1:11:A:ILE:HD11	1:15:A:ALA:H	15	0.25
(15,787)	1:11:A:ILE:HD12	1:15:A:ALA:H	15	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,787)	1:11:A:ILE:HD13	1:15:A:ALA:H	15	0.25
(15,675)	1:63:A:ILE:HG12	1:117:A:VAL:H	10	0.25
(15,634)	1:57:A:LEU:H	1:58:A:ILE:HD11	6	0.25
(15,634)	1:57:A:LEU:H	1:58:A:ILE:HD12	6	0.25
(15,634)	1:57:A:LEU:H	1:58:A:ILE:HD13	6	0.25
(15,570)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	10	0.25
(15,570)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	10	0.25
(15,570)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	10	0.25
(15,570)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	10	0.25
(15,570)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	10	0.25
(15,570)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	10	0.25
(15,561)	1:124:A:THR:H	1:128:A:LEU:HD21	19	0.25
(15,561)	1:124:A:THR:H	1:128:A:LEU:HD22	19	0.25
(15,561)	1:124:A:THR:H	1:128:A:LEU:HD23	19	0.25
(15,535)	1:70:A:LYS:HB2	1:72:A:PHE:H	9	0.25
(15,535)	1:70:A:LYS:HB3	1:72:A:PHE:H	9	0.25
(15,412)	1:125:A:THR:H	1:128:A:LEU:HG	4	0.25
(15,215)	1:98:A:ILE:HD11	1:101:A:ILE:H	5	0.25
(15,215)	1:98:A:ILE:HD12	1:101:A:ILE:H	5	0.25
(15,215)	1:98:A:ILE:HD13	1:101:A:ILE:H	5	0.25
(15,182)	1:8:A:ASP:H	1:58:A:ILE:HD11	19	0.25
(15,182)	1:8:A:ASP:H	1:58:A:ILE:HD12	19	0.25
(15,182)	1:8:A:ASP:H	1:58:A:ILE:HD13	19	0.25
(15,180)	1:8:A:ASP:H	1:58:A:ILE:HG13	4	0.25
(15,180)	1:8:A:ASP:H	1:58:A:ILE:HG13	11	0.25
(15,72)	1:13:A:ALA:HB1	1:81:A:GLU:H	3	0.25
(15,72)	1:13:A:ALA:HB2	1:81:A:GLU:H	3	0.25
(15,72)	1:13:A:ALA:HB3	1:81:A:GLU:H	3	0.25
(15,35)	1:96:A:VAL:H	1:97:A:ASP:HB2	11	0.25
(15,35)	1:96:A:VAL:H	1:97:A:ASP:HB3	11	0.25
(13,2443)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	1	0.25
(13,2443)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	1	0.25
(13,2443)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	1	0.25
(13,2443)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	1	0.25
(13,2443)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	1	0.25
(13,2443)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	1	0.25
(13,2305)	1:107:A:LEU:HA	1:108:A:GLU:HG2	8	0.25
(13,2305)	1:107:A:LEU:HA	1:108:A:GLU:HG3	8	0.25
(13,2261)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	4	0.25
(13,2261)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	4	0.25
(13,2261)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	4	0.25
(13,2261)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	4	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2261)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	4	0.25
(13,2261)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	4	0.25
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD11	1	0.25
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD12	1	0.25
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD13	1	0.25
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD21	1	0.25
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD22	1	0.25
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD23	1	0.25
(13,2133)	1:53:A:THR:H	1:57:A:LEU:HD11	5	0.25
(13,2133)	1:53:A:THR:H	1:57:A:LEU:HD12	5	0.25
(13,2133)	1:53:A:THR:H	1:57:A:LEU:HD13	5	0.25
(13,2133)	1:53:A:THR:H	1:57:A:LEU:HD21	5	0.25
(13,2133)	1:53:A:THR:H	1:57:A:LEU:HD22	5	0.25
(13,2133)	1:53:A:THR:H	1:57:A:LEU:HD23	5	0.25
(13,2119)	1:46:A:ASN:HD21	1:137:A:SER:HA	7	0.25
(13,2119)	1:46:A:ASN:HD22	1:137:A:SER:HA	7	0.25
(13,2104)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	11	0.25
(13,2104)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	11	0.25
(13,2104)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	11	0.25
(13,2104)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	11	0.25
(13,2104)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	11	0.25
(13,2104)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	11	0.25
(13,2061)	1:39:A:VAL:HG11	1:43:A:MET:H	7	0.25
(13,2061)	1:39:A:VAL:HG12	1:43:A:MET:H	7	0.25
(13,2061)	1:39:A:VAL:HG13	1:43:A:MET:H	7	0.25
(13,2061)	1:39:A:VAL:HG21	1:43:A:MET:H	7	0.25
(13,2061)	1:39:A:VAL:HG22	1:43:A:MET:H	7	0.25
(13,2061)	1:39:A:VAL:HG23	1:43:A:MET:H	7	0.25
(13,2033)	1:35:A:LEU:HD11	1:39:A:VAL:HB	14	0.25
(13,2033)	1:35:A:LEU:HD12	1:39:A:VAL:HB	14	0.25
(13,2033)	1:35:A:LEU:HD13	1:39:A:VAL:HB	14	0.25
(13,2033)	1:35:A:LEU:HD21	1:39:A:VAL:HB	14	0.25
(13,2033)	1:35:A:LEU:HD22	1:39:A:VAL:HB	14	0.25
(13,2033)	1:35:A:LEU:HD23	1:39:A:VAL:HB	14	0.25
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	18	0.25
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	18	0.25
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	18	0.25
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	18	0.25
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	18	0.25
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	18	0.25
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	18	0.25
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	18	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	18	0.25
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	18	0.25
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	18	0.25
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	18	0.25
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	18	0.25
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	18	0.25
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	18	0.25
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	18	0.25
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	18	0.25
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	18	0.25
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	18	0.25
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	18	0.25
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	18	0.25
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	18	0.25
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	18	0.25
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	18	0.25
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	18	0.25
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	18	0.25
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	18	0.25
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	18	0.25
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	18	0.25
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	18	0.25
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	18	0.25
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	18	0.25
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	18	0.25
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	18	0.25
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	18	0.25
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	18	0.25
(13,1874)	1:58:A:ILE:HB	1:62:A:HIS:HE1	17	0.25
(13,1856)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	11	0.25
(13,1856)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	11	0.25
(13,1856)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	11	0.25
(13,1856)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	11	0.25
(13,1835)	1:14:A:VAL:HA	1:18:A:PHE:HD1	11	0.25
(13,1835)	1:14:A:VAL:HA	1:18:A:PHE:HD2	11	0.25
(13,1781)	1:9:A:PHE:HZ	1:11:A:ILE:HB	5	0.25
(13,1766)	1:97:A:ASP:HA	1:104:A:PHE:HE1	17	0.25
(13,1766)	1:97:A:ASP:HA	1:104:A:PHE:HE2	17	0.25
(13,1758)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	7	0.25
(13,1758)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	7	0.25
(13,1758)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	7	0.25
(13,1758)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	7	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1758)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	7	0.25
(13,1758)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	7	0.25
(13,1756)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	4	0.25
(13,1756)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	4	0.25
(13,1756)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	4	0.25
(13,1756)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	4	0.25
(13,1749)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	14	0.25
(13,1749)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	14	0.25
(13,1749)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	14	0.25
(13,1749)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	14	0.25
(13,1734)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	19	0.25
(13,1734)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	19	0.25
(13,1734)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	19	0.25
(13,1670)	1:43:A:MET:HG2	1:43:A:MET:HE1	4	0.25
(13,1670)	1:43:A:MET:HG2	1:43:A:MET:HE2	4	0.25
(13,1670)	1:43:A:MET:HG2	1:43:A:MET:HE3	4	0.25
(13,1653)	1:69:A:MET:HG3	1:109:A:PRO:HA	5	0.25
(13,1626)	1:69:A:MET:HE1	1:116:A:GLN:HE22	19	0.25
(13,1626)	1:69:A:MET:HE2	1:116:A:GLN:HE22	19	0.25
(13,1626)	1:69:A:MET:HE3	1:116:A:GLN:HE22	19	0.25
(13,1595)	1:13:A:ALA:HA	1:80:A:TYR:HB3	14	0.25
(13,1551)	1:101:A:ILE:HD11	1:112:A:GLN:HA	15	0.25
(13,1551)	1:101:A:ILE:HD12	1:112:A:GLN:HA	15	0.25
(13,1551)	1:101:A:ILE:HD13	1:112:A:GLN:HA	15	0.25
(13,1511)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	17	0.25
(13,1511)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	17	0.25
(13,1511)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	17	0.25
(13,1511)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	17	0.25
(13,1511)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	17	0.25
(13,1511)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	17	0.25
(13,1484)	1:98:A:ILE:HG21	1:101:A:ILE:HB	16	0.25
(13,1484)	1:98:A:ILE:HG22	1:101:A:ILE:HB	16	0.25
(13,1484)	1:98:A:ILE:HG23	1:101:A:ILE:HB	16	0.25
(13,1443)	1:45:A:ALA:HB1	1:47:A:ALA:H	16	0.25
(13,1443)	1:45:A:ALA:HB2	1:47:A:ALA:H	16	0.25
(13,1443)	1:45:A:ALA:HB3	1:47:A:ALA:H	16	0.25
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG11	13	0.25
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG12	13	0.25
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG13	13	0.25
(13,1343)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	1	0.25
(13,1343)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	1	0.25
(13,1343)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	1	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1267)	1:128:A:LEU:H	1:128:A:LEU:HD21	15	0.25
(13,1267)	1:128:A:LEU:H	1:128:A:LEU:HD22	15	0.25
(13,1267)	1:128:A:LEU:H	1:128:A:LEU:HD23	15	0.25
(13,1265)	1:128:A:LEU:HD21	1:129:A:LYS:H	3	0.25
(13,1265)	1:128:A:LEU:HD22	1:129:A:LYS:H	3	0.25
(13,1265)	1:128:A:LEU:HD23	1:129:A:LYS:H	3	0.25
(13,1265)	1:128:A:LEU:HD21	1:129:A:LYS:H	4	0.25
(13,1265)	1:128:A:LEU:HD22	1:129:A:LYS:H	4	0.25
(13,1265)	1:128:A:LEU:HD23	1:129:A:LYS:H	4	0.25
(13,1263)	1:66:A:THR:HG21	1:70:A:LYS:H	14	0.25
(13,1263)	1:66:A:THR:HG22	1:70:A:LYS:H	14	0.25
(13,1263)	1:66:A:THR:HG23	1:70:A:LYS:H	14	0.25
(13,1227)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	15	0.25
(13,1227)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	15	0.25
(13,1227)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	15	0.25
(13,1227)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	15	0.25
(13,1227)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	15	0.25
(13,1227)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	15	0.25
(13,1227)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	15	0.25
(13,1227)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	15	0.25
(13,1227)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	15	0.25
(13,1222)	1:37:A:LEU:HD11	1:38:A:GLU:HA	10	0.25
(13,1222)	1:37:A:LEU:HD12	1:38:A:GLU:HA	10	0.25
(13,1222)	1:37:A:LEU:HD13	1:38:A:GLU:HA	10	0.25
(13,1103)	1:40:A:LEU:HA	1:43:A:MET:HG2	3	0.25
(13,1073)	1:68:A:LYS:HA	1:72:A:PHE:HD1	7	0.25
(13,1073)	1:68:A:LYS:HA	1:72:A:PHE:HD2	7	0.25
(13,1068)	1:45:A:ALA:HA	1:48:A:ARG:HG2	2	0.25
(13,1068)	1:45:A:ALA:HA	1:48:A:ARG:HG3	2	0.25
(13,979)	1:31:A:PRO:HA	1:32:A:GLY:H	3	0.25
(13,911)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	18	0.25
(13,911)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	18	0.25
(13,911)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	18	0.25
(13,911)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	18	0.25
(13,873)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	4	0.25
(13,873)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	4	0.25
(13,873)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	4	0.25
(13,818)	1:114:A:ILE:HA	1:114:A:ILE:HD11	16	0.25
(13,818)	1:114:A:ILE:HA	1:114:A:ILE:HD12	16	0.25
(13,818)	1:114:A:ILE:HA	1:114:A:ILE:HD13	16	0.25
(13,766)	1:11:A:ILE:HD11	1:15:A:ALA:H	15	0.25
(13,766)	1:11:A:ILE:HD12	1:15:A:ALA:H	15	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,766)	1:11:A:ILE:HD13	1:15:A:ALA:H	15	0.25
(13,748)	1:53:A:THR:H	1:53:A:THR:HG21	19	0.25
(13,748)	1:53:A:THR:H	1:53:A:THR:HG22	19	0.25
(13,748)	1:53:A:THR:H	1:53:A:THR:HG23	19	0.25
(13,702)	1:9:A:PHE:HD1	1:54:A:ARG:HE	4	0.25
(13,702)	1:9:A:PHE:HD2	1:54:A:ARG:HE	4	0.25
(13,701)	1:45:A:ALA:H	1:48:A:ARG:HE	8	0.25
(13,575)	1:128:A:LEU:HD21	1:130:A:GLY:H	14	0.25
(13,575)	1:128:A:LEU:HD22	1:130:A:GLY:H	14	0.25
(13,575)	1:128:A:LEU:HD23	1:130:A:GLY:H	14	0.25
(13,522)	1:70:A:LYS:HB2	1:72:A:PHE:H	9	0.25
(13,522)	1:70:A:LYS:HB3	1:72:A:PHE:H	9	0.25
(13,434)	1:143:A:TRP:H	1:144:A:LEU:HD21	1	0.25
(13,434)	1:143:A:TRP:H	1:144:A:LEU:HD22	1	0.25
(13,434)	1:143:A:TRP:H	1:144:A:LEU:HD23	1	0.25
(13,405)	1:125:A:THR:H	1:128:A:LEU:HG	4	0.25
(13,66)	1:13:A:ALA:HB1	1:81:A:GLU:H	3	0.25
(13,66)	1:13:A:ALA:HB2	1:81:A:GLU:H	3	0.25
(13,66)	1:13:A:ALA:HB3	1:81:A:GLU:H	3	0.25
(13,32)	1:96:A:VAL:H	1:97:A:ASP:HB2	11	0.25
(13,32)	1:96:A:VAL:H	1:97:A:ASP:HB3	11	0.25
(11,2392)	1:125:A:THR:HB	1:129:A:LYS:HG2	2	0.25
(11,2392)	1:125:A:THR:HB	1:129:A:LYS:HG3	2	0.25
(11,2391)	1:125:A:THR:HB	1:128:A:LEU:HD11	5	0.25
(11,2391)	1:125:A:THR:HB	1:128:A:LEU:HD12	5	0.25
(11,2391)	1:125:A:THR:HB	1:128:A:LEU:HD13	5	0.25
(11,2391)	1:125:A:THR:HB	1:128:A:LEU:HD21	5	0.25
(11,2391)	1:125:A:THR:HB	1:128:A:LEU:HD22	5	0.25
(11,2391)	1:125:A:THR:HB	1:128:A:LEU:HD23	5	0.25
(11,2257)	1:69:A:MET:HE1	1:116:A:GLN:HE21	6	0.25
(11,2257)	1:69:A:MET:HE1	1:116:A:GLN:HE22	6	0.25
(11,2257)	1:69:A:MET:HE2	1:116:A:GLN:HE21	6	0.25
(11,2257)	1:69:A:MET:HE2	1:116:A:GLN:HE22	6	0.25
(11,2257)	1:69:A:MET:HE3	1:116:A:GLN:HE21	6	0.25
(11,2257)	1:69:A:MET:HE3	1:116:A:GLN:HE22	6	0.25
(11,2254)	1:69:A:MET:HG2	1:70:A:LYS:HE2	7	0.25
(11,2254)	1:69:A:MET:HG2	1:70:A:LYS:HE3	7	0.25
(11,2254)	1:69:A:MET:HG3	1:70:A:LYS:HE2	7	0.25
(11,2254)	1:69:A:MET:HG3	1:70:A:LYS:HE3	7	0.25
(11,2191)	1:53:A:THR:H	1:57:A:LEU:HD11	5	0.25
(11,2191)	1:53:A:THR:H	1:57:A:LEU:HD12	5	0.25
(11,2191)	1:53:A:THR:H	1:57:A:LEU:HD13	5	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2191)	1:53:A:THR:H	1:57:A:LEU:HD21	5	0.25
(11,2191)	1:53:A:THR:H	1:57:A:LEU:HD22	5	0.25
(11,2191)	1:53:A:THR:H	1:57:A:LEU:HD23	5	0.25
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD11	15	0.25
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD12	15	0.25
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD13	15	0.25
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD21	15	0.25
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD22	15	0.25
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD23	15	0.25
(11,2162)	1:43:A:MET:HE1	1:46:A:ASN:HD21	18	0.25
(11,2162)	1:43:A:MET:HE1	1:46:A:ASN:HD22	18	0.25
(11,2162)	1:43:A:MET:HE2	1:46:A:ASN:HD21	18	0.25
(11,2162)	1:43:A:MET:HE2	1:46:A:ASN:HD22	18	0.25
(11,2162)	1:43:A:MET:HE3	1:46:A:ASN:HD21	18	0.25
(11,2162)	1:43:A:MET:HE3	1:46:A:ASN:HD22	18	0.25
(11,2133)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	14	0.25
(11,2133)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	14	0.25
(11,2133)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	14	0.25
(11,2133)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	14	0.25
(11,2133)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	14	0.25
(11,2133)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	14	0.25
(11,2122)	1:39:A:VAL:HG11	1:43:A:MET:H	6	0.25
(11,2122)	1:39:A:VAL:HG12	1:43:A:MET:H	6	0.25
(11,2122)	1:39:A:VAL:HG13	1:43:A:MET:H	6	0.25
(11,2122)	1:39:A:VAL:HG21	1:43:A:MET:H	6	0.25
(11,2122)	1:39:A:VAL:HG22	1:43:A:MET:H	6	0.25
(11,2122)	1:39:A:VAL:HG23	1:43:A:MET:H	6	0.25
(11,2099)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	1	0.25
(11,2099)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	1	0.25
(11,2099)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	1	0.25
(11,2099)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	1	0.25
(11,2099)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	1	0.25
(11,2099)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	1	0.25
(11,2097)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	2	0.25
(11,2097)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	2	0.25
(11,2097)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	2	0.25
(11,2097)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	2	0.25
(11,2097)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	2	0.25
(11,2097)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	2	0.25
(11,2095)	1:35:A:LEU:HD11	1:143:A:TRP:HB2	9	0.25
(11,2095)	1:35:A:LEU:HD12	1:143:A:TRP:HB2	9	0.25
(11,2095)	1:35:A:LEU:HD13	1:143:A:TRP:HB2	9	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2095)	1:35:A:LEU:HD21	1:143:A:TRP:HB2	9	0.25
(11,2095)	1:35:A:LEU:HD22	1:143:A:TRP:HB2	9	0.25
(11,2095)	1:35:A:LEU:HD23	1:143:A:TRP:HB2	9	0.25
(11,2092)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	11	0.25
(11,2092)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	11	0.25
(11,2092)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	11	0.25
(11,2092)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	11	0.25
(11,2092)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	11	0.25
(11,2092)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	11	0.25
(11,2092)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	11	0.25
(11,2092)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	11	0.25
(11,2092)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	11	0.25
(11,2092)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	11	0.25
(11,2092)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	11	0.25
(11,2092)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	11	0.25
(11,2089)	1:35:A:LEU:HD11	1:39:A:VAL:HB	14	0.25
(11,2089)	1:35:A:LEU:HD12	1:39:A:VAL:HB	14	0.25
(11,2089)	1:35:A:LEU:HD13	1:39:A:VAL:HB	14	0.25
(11,2089)	1:35:A:LEU:HD21	1:39:A:VAL:HB	14	0.25
(11,2089)	1:35:A:LEU:HD22	1:39:A:VAL:HB	14	0.25
(11,2089)	1:35:A:LEU:HD23	1:39:A:VAL:HB	14	0.25
(11,2085)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	19	0.25
(11,2085)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	19	0.25
(11,2085)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	19	0.25
(11,2085)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	19	0.25
(11,2085)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	19	0.25
(11,2085)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	19	0.25
(11,2026)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	7	0.25
(11,2026)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	7	0.25
(11,2026)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	7	0.25
(11,2026)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	7	0.25
(11,2026)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	7	0.25
(11,2026)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	7	0.25
(11,1941)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	17	0.25
(11,1941)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	17	0.25
(11,1923)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	5	0.25
(11,1923)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	5	0.25
(11,1923)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	17	0.25
(11,1923)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	17	0.25
(11,1921)	1:150:A:THR:H	1:151:A:PHE:HD1	6	0.25
(11,1921)	1:150:A:THR:H	1:151:A:PHE:HD2	6	0.25
(11,1918)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	11	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1918)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	11	0.25
(11,1918)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	11	0.25
(11,1918)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	11	0.25
(11,1899)	1:72:A:PHE:H	1:72:A:PHE:HE1	14	0.25
(11,1899)	1:72:A:PHE:H	1:72:A:PHE:HE2	14	0.25
(11,1873)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	3	0.25
(11,1873)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	3	0.25
(11,1873)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	7	0.25
(11,1873)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	7	0.25
(11,1849)	1:9:A:PHE:HZ	1:11:A:ILE:HB	5	0.25
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	9	0.25
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	9	0.25
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	9	0.25
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	9	0.25
(11,1832)	1:97:A:ASP:HA	1:104:A:PHE:HE1	17	0.25
(11,1832)	1:97:A:ASP:HA	1:104:A:PHE:HE2	17	0.25
(11,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	7	0.25
(11,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	7	0.25
(11,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	7	0.25
(11,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	7	0.25
(11,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	7	0.25
(11,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	7	0.25
(11,1669)	1:121:A:VAL:H	1:122:A:ASP:HA	2	0.25
(11,1642)	1:128:A:LEU:HD21	1:130:A:GLY:H	14	0.25
(11,1642)	1:128:A:LEU:HD22	1:130:A:GLY:H	14	0.25
(11,1642)	1:128:A:LEU:HD23	1:130:A:GLY:H	14	0.25
(11,1558)	1:76:A:ARG:HE	1:110:A:MET:HE1	13	0.25
(11,1558)	1:76:A:ARG:HE	1:110:A:MET:HE2	13	0.25
(11,1558)	1:76:A:ARG:HE	1:110:A:MET:HE3	13	0.25
(11,1555)	1:76:A:ARG:HG2	1:110:A:MET:HE1	2	0.25
(11,1555)	1:76:A:ARG:HG2	1:110:A:MET:HE2	2	0.25
(11,1555)	1:76:A:ARG:HG2	1:110:A:MET:HE3	2	0.25
(11,1555)	1:76:A:ARG:HG3	1:110:A:MET:HE1	2	0.25
(11,1555)	1:76:A:ARG:HG3	1:110:A:MET:HE2	2	0.25
(11,1555)	1:76:A:ARG:HG3	1:110:A:MET:HE3	2	0.25
(11,1555)	1:76:A:ARG:HG2	1:110:A:MET:HE1	17	0.25
(11,1555)	1:76:A:ARG:HG2	1:110:A:MET:HE2	17	0.25
(11,1555)	1:76:A:ARG:HG2	1:110:A:MET:HE3	17	0.25
(11,1555)	1:76:A:ARG:HG3	1:110:A:MET:HE1	17	0.25
(11,1555)	1:76:A:ARG:HG3	1:110:A:MET:HE2	17	0.25
(11,1555)	1:76:A:ARG:HG3	1:110:A:MET:HE3	17	0.25
(11,1552)	1:69:A:MET:HE1	1:109:A:PRO:HB2	19	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1552)	1:69:A:MET:HE1	1:109:A:PRO:HB3	19	0.25
(11,1552)	1:69:A:MET:HE2	1:109:A:PRO:HB2	19	0.25
(11,1552)	1:69:A:MET:HE2	1:109:A:PRO:HB3	19	0.25
(11,1552)	1:69:A:MET:HE3	1:109:A:PRO:HB2	19	0.25
(11,1552)	1:69:A:MET:HE3	1:109:A:PRO:HB3	19	0.25
(11,1549)	1:110:A:MET:HE1	1:114:A:ILE:HA	4	0.25
(11,1549)	1:110:A:MET:HE2	1:114:A:ILE:HA	4	0.25
(11,1549)	1:110:A:MET:HE3	1:114:A:ILE:HA	4	0.25
(11,1531)	1:98:A:ILE:HG21	1:101:A:ILE:HB	16	0.25
(11,1531)	1:98:A:ILE:HG22	1:101:A:ILE:HB	16	0.25
(11,1531)	1:98:A:ILE:HG23	1:101:A:ILE:HB	16	0.25
(11,1488)	1:45:A:ALA:HB1	1:47:A:ALA:H	16	0.25
(11,1488)	1:45:A:ALA:HB2	1:47:A:ALA:H	16	0.25
(11,1488)	1:45:A:ALA:HB3	1:47:A:ALA:H	16	0.25
(11,1411)	1:19:A:ALA:HB1	1:21:A:THR:HG21	8	0.25
(11,1411)	1:19:A:ALA:HB1	1:21:A:THR:HG22	8	0.25
(11,1411)	1:19:A:ALA:HB1	1:21:A:THR:HG23	8	0.25
(11,1411)	1:19:A:ALA:HB2	1:21:A:THR:HG21	8	0.25
(11,1411)	1:19:A:ALA:HB2	1:21:A:THR:HG22	8	0.25
(11,1411)	1:19:A:ALA:HB2	1:21:A:THR:HG23	8	0.25
(11,1411)	1:19:A:ALA:HB3	1:21:A:THR:HG21	8	0.25
(11,1411)	1:19:A:ALA:HB3	1:21:A:THR:HG22	8	0.25
(11,1411)	1:19:A:ALA:HB3	1:21:A:THR:HG23	8	0.25
(11,1371)	1:113:A:PHE:HE1	1:117:A:VAL:HG11	13	0.25
(11,1371)	1:113:A:PHE:HE1	1:117:A:VAL:HG12	13	0.25
(11,1371)	1:113:A:PHE:HE1	1:117:A:VAL:HG13	13	0.25
(11,1371)	1:113:A:PHE:HE2	1:117:A:VAL:HG11	13	0.25
(11,1371)	1:113:A:PHE:HE2	1:117:A:VAL:HG12	13	0.25
(11,1371)	1:113:A:PHE:HE2	1:117:A:VAL:HG13	13	0.25
(11,1371)	1:113:A:PHE:HE1	1:117:A:VAL:HG11	19	0.25
(11,1371)	1:113:A:PHE:HE1	1:117:A:VAL:HG12	19	0.25
(11,1371)	1:113:A:PHE:HE1	1:117:A:VAL:HG13	19	0.25
(11,1371)	1:113:A:PHE:HE2	1:117:A:VAL:HG11	19	0.25
(11,1371)	1:113:A:PHE:HE2	1:117:A:VAL:HG12	19	0.25
(11,1371)	1:113:A:PHE:HE2	1:117:A:VAL:HG13	19	0.25
(11,1306)	1:66:A:THR:HG21	1:70:A:LYS:H	14	0.25
(11,1306)	1:66:A:THR:HG22	1:70:A:LYS:H	14	0.25
(11,1306)	1:66:A:THR:HG23	1:70:A:LYS:H	14	0.25
(11,1235)	1:37:A:LEU:HA	1:37:A:LEU:HD21	4	0.25
(11,1235)	1:37:A:LEU:HA	1:37:A:LEU:HD22	4	0.25
(11,1235)	1:37:A:LEU:HA	1:37:A:LEU:HD23	4	0.25
(11,1027)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	6	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1027)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	6	0.25
(11,1027)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	13	0.25
(11,1027)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	13	0.25
(11,1007)	1:31:A:PRO:HA	1:32:A:GLY:H	3	0.25
(11,1002)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	10	0.25
(11,1002)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	10	0.25
(11,1002)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	10	0.25
(11,1001)	1:35:A:LEU:HG	1:143:A:TRP:HB3	11	0.25
(11,934)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	3	0.25
(11,934)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	3	0.25
(11,922)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	4	0.25
(11,922)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	4	0.25
(11,922)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	4	0.25
(11,921)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	8	0.25
(11,921)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	8	0.25
(11,921)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	8	0.25
(11,921)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	17	0.25
(11,921)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	17	0.25
(11,921)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	17	0.25
(11,900)	1:54:A:ARG:HA	1:58:A:ILE:HB	19	0.25
(11,861)	1:37:A:LEU:HB2	1:39:A:VAL:H	4	0.25
(11,835)	1:45:A:ALA:HA	1:48:A:ARG:HD2	4	0.25
(11,835)	1:45:A:ALA:HA	1:48:A:ARG:HD3	4	0.25
(11,829)	1:114:A:ILE:HA	1:114:A:ILE:HD11	16	0.25
(11,829)	1:114:A:ILE:HA	1:114:A:ILE:HD12	16	0.25
(11,829)	1:114:A:ILE:HA	1:114:A:ILE:HD13	16	0.25
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	4	0.25
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	4	0.25
(11,819)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	4	0.25
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	4	0.25
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	4	0.25
(11,819)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	4	0.25
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	4	0.25
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	4	0.25
(11,819)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	4	0.25
(11,779)	1:11:A:ILE:HD11	1:15:A:ALA:H	15	0.25
(11,779)	1:11:A:ILE:HD12	1:15:A:ALA:H	15	0.25
(11,779)	1:11:A:ILE:HD13	1:15:A:ALA:H	15	0.25
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	11	0.25
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	11	0.25
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	11	0.25
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	11	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	11	0.25
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	11	0.25
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	11	0.25
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	11	0.25
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	11	0.25
(11,704)	1:23:A:LEU:HB2	1:25:A:ALA:H	7	0.25
(11,704)	1:23:A:LEU:HB3	1:25:A:ALA:H	7	0.25
(11,686)	1:145:A:PRO:HB3	1:148:A:CYS:H	18	0.25
(11,671)	1:116:A:GLN:HG3	1:117:A:VAL:H	16	0.25
(11,632)	1:9:A:PHE:HE1	1:58:A:ILE:H	7	0.25
(11,632)	1:9:A:PHE:HE2	1:58:A:ILE:H	7	0.25
(11,628)	1:57:A:LEU:H	1:58:A:ILE:HD11	6	0.25
(11,628)	1:57:A:LEU:H	1:58:A:ILE:HD12	6	0.25
(11,628)	1:57:A:LEU:H	1:58:A:ILE:HD13	6	0.25
(11,621)	1:96:A:VAL:H	1:97:A:ASP:H	10	0.25
(11,529)	1:70:A:LYS:HB2	1:72:A:PHE:H	9	0.25
(11,529)	1:70:A:LYS:HB3	1:72:A:PHE:H	9	0.25
(11,493)	1:8:A:ASP:HB2	1:9:A:PHE:H	2	0.25
(11,493)	1:8:A:ASP:HB2	1:9:A:PHE:H	5	0.25
(11,493)	1:8:A:ASP:HB2	1:9:A:PHE:H	18	0.25
(11,488)	1:98:A:ILE:H	1:105:A:LYS:H	6	0.25
(11,440)	1:143:A:TRP:H	1:144:A:LEU:HD21	1	0.25
(11,440)	1:143:A:TRP:H	1:144:A:LEU:HD22	1	0.25
(11,440)	1:143:A:TRP:H	1:144:A:LEU:HD23	1	0.25
(11,264)	1:39:A:VAL:H	1:40:A:LEU:HB2	2	0.25
(11,145)	1:59:A:CYS:H	1:60:A:LEU:HD21	11	0.25
(11,145)	1:59:A:CYS:H	1:60:A:LEU:HD22	11	0.25
(11,145)	1:59:A:CYS:H	1:60:A:LEU:HD23	11	0.25
(11,36)	1:96:A:VAL:H	1:97:A:ASP:HB2	11	0.25
(11,36)	1:96:A:VAL:H	1:97:A:ASP:HB3	11	0.25
(11,31)	1:35:A:LEU:H	1:35:A:LEU:HG	13	0.25
(9,2404)	1:140:A:LEU:H	1:140:A:LEU:HD11	4	0.25
(9,2404)	1:140:A:LEU:H	1:140:A:LEU:HD12	4	0.25
(9,2404)	1:140:A:LEU:H	1:140:A:LEU:HD13	4	0.25
(9,2404)	1:140:A:LEU:H	1:140:A:LEU:HD21	4	0.25
(9,2404)	1:140:A:LEU:H	1:140:A:LEU:HD22	4	0.25
(9,2404)	1:140:A:LEU:H	1:140:A:LEU:HD23	4	0.25
(9,2337)	1:125:A:THR:HB	1:128:A:LEU:HD11	5	0.25
(9,2337)	1:125:A:THR:HB	1:128:A:LEU:HD12	5	0.25
(9,2337)	1:125:A:THR:HB	1:128:A:LEU:HD13	5	0.25
(9,2337)	1:125:A:THR:HB	1:128:A:LEU:HD21	5	0.25
(9,2337)	1:125:A:THR:HB	1:128:A:LEU:HD22	5	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2337)	1:125:A:THR:HB	1:128:A:LEU:HD23	5	0.25
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	11	0.25
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	11	0.25
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	11	0.25
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	11	0.25
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	11	0.25
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	11	0.25
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD11	5	0.25
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD12	5	0.25
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD13	5	0.25
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD21	5	0.25
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD22	5	0.25
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD23	5	0.25
(9,2238)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	4	0.25
(9,2238)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	4	0.25
(9,2238)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	4	0.25
(9,2238)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	4	0.25
(9,2238)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	4	0.25
(9,2238)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	4	0.25
(9,2142)	1:53:A:THR:H	1:57:A:LEU:HD11	5	0.25
(9,2142)	1:53:A:THR:H	1:57:A:LEU:HD12	5	0.25
(9,2142)	1:53:A:THR:H	1:57:A:LEU:HD13	5	0.25
(9,2142)	1:53:A:THR:H	1:57:A:LEU:HD21	5	0.25
(9,2142)	1:53:A:THR:H	1:57:A:LEU:HD22	5	0.25
(9,2142)	1:53:A:THR:H	1:57:A:LEU:HD23	5	0.25
(9,2116)	1:42:A:GLU:H	1:139:A:LEU:HD11	4	0.25
(9,2116)	1:42:A:GLU:H	1:139:A:LEU:HD12	4	0.25
(9,2116)	1:42:A:GLU:H	1:139:A:LEU:HD13	4	0.25
(9,2116)	1:42:A:GLU:H	1:139:A:LEU:HD21	4	0.25
(9,2116)	1:42:A:GLU:H	1:139:A:LEU:HD22	4	0.25
(9,2116)	1:42:A:GLU:H	1:139:A:LEU:HD23	4	0.25
(9,2090)	1:39:A:VAL:HG11	1:41:A:LYS:H	17	0.25
(9,2090)	1:39:A:VAL:HG12	1:41:A:LYS:H	17	0.25
(9,2090)	1:39:A:VAL:HG13	1:41:A:LYS:H	17	0.25
(9,2090)	1:39:A:VAL:HG21	1:41:A:LYS:H	17	0.25
(9,2090)	1:39:A:VAL:HG22	1:41:A:LYS:H	17	0.25
(9,2090)	1:39:A:VAL:HG23	1:41:A:LYS:H	17	0.25
(9,2066)	1:36:A:PRO:HB3	1:39:A:VAL:HG11	2	0.25
(9,2066)	1:36:A:PRO:HB3	1:39:A:VAL:HG12	2	0.25
(9,2066)	1:36:A:PRO:HB3	1:39:A:VAL:HG13	2	0.25
(9,2066)	1:36:A:PRO:HB3	1:39:A:VAL:HG21	2	0.25
(9,2066)	1:36:A:PRO:HB3	1:39:A:VAL:HG22	2	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2066)	1:36:A:PRO:HB3	1:39:A:VAL:HG23	2	0.25
(9,2059)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	12	0.25
(9,2059)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	12	0.25
(9,2059)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	12	0.25
(9,2059)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	12	0.25
(9,2059)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	12	0.25
(9,2059)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	12	0.25
(9,2040)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	2	0.25
(9,2040)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	2	0.25
(9,2040)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	2	0.25
(9,2040)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	2	0.25
(9,2040)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	2	0.25
(9,2040)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	2	0.25
(9,2040)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	2	0.25
(9,2040)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	2	0.25
(9,2040)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	2	0.25
(9,2040)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	2	0.25
(9,2040)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	2	0.25
(9,2040)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	2	0.25
(9,1991)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	7	0.25
(9,1991)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	7	0.25
(9,1991)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	7	0.25
(9,1991)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	7	0.25
(9,1991)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	7	0.25
(9,1991)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	7	0.25
(9,1986)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	13	0.25
(9,1986)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	13	0.25
(9,1986)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	13	0.25
(9,1986)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	13	0.25
(9,1986)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	13	0.25
(9,1986)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	13	0.25
(9,1986)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	13	0.25
(9,1986)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	13	0.25
(9,1986)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	13	0.25
(9,1986)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	13	0.25
(9,1986)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	13	0.25
(9,1986)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	13	0.25
(9,1986)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	13	0.25
(9,1986)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	13	0.25
(9,1986)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	13	0.25
(9,1986)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	13	0.25
(9,1986)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	13	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1986)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	13	0.25
(9,1986)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	13	0.25
(9,1986)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	13	0.25
(9,1986)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	13	0.25
(9,1986)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	13	0.25
(9,1986)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	13	0.25
(9,1986)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	13	0.25
(9,1986)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	13	0.25
(9,1986)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	13	0.25
(9,1986)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	13	0.25
(9,1986)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	13	0.25
(9,1986)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	13	0.25
(9,1986)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	13	0.25
(9,1986)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	13	0.25
(9,1986)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	13	0.25
(9,1986)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	13	0.25
(9,1986)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	13	0.25
(9,1986)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	13	0.25
(9,1986)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	13	0.25
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	10	0.25
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	10	0.25
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	10	0.25
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	10	0.25
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	10	0.25
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	10	0.25
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	10	0.25
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	10	0.25
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	10	0.25
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	10	0.25
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	10	0.25
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	10	0.25
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	10	0.25
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	10	0.25
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	10	0.25
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	10	0.25
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	10	0.25
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	10	0.25
(9,1912)	1:58:A:ILE:HB	1:62:A:HIS:HE1	17	0.25
(9,1911)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	1	0.25
(9,1908)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	10	0.25
(9,1903)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	4	0.25
(9,1903)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	4	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1903)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	4	0.25
(9,1903)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	4	0.25
(9,1903)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	4	0.25
(9,1903)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	4	0.25
(9,1838)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	5	0.25
(9,1838)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	5	0.25
(9,1821)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	7	0.25
(9,1814)	1:9:A:PHE:HZ	1:11:A:ILE:HB	5	0.25
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	10	0.25
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	10	0.25
(9,1811)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	10	0.25
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	10	0.25
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	10	0.25
(9,1811)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	10	0.25
(9,1796)	1:97:A:ASP:HA	1:104:A:PHE:HE1	17	0.25
(9,1796)	1:97:A:ASP:HA	1:104:A:PHE:HE2	17	0.25
(9,1791)	1:9:A:PHE:HD1	1:11:A:ILE:HB	10	0.25
(9,1791)	1:9:A:PHE:HD2	1:11:A:ILE:HB	10	0.25
(9,1781)	1:13:A:ALA:HA	1:80:A:TYR:HD1	6	0.25
(9,1781)	1:13:A:ALA:HA	1:80:A:TYR:HD2	6	0.25
(9,1759)	1:97:A:ASP:HA	1:105:A:LYS:HA	13	0.25
(9,1719)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	5	0.25
(9,1719)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	5	0.25
(9,1719)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	5	0.25
(9,1717)	1:19:A:ALA:HB1	1:21:A:THR:HG21	16	0.25
(9,1717)	1:19:A:ALA:HB1	1:21:A:THR:HG22	16	0.25
(9,1717)	1:19:A:ALA:HB1	1:21:A:THR:HG23	16	0.25
(9,1717)	1:19:A:ALA:HB2	1:21:A:THR:HG21	16	0.25
(9,1717)	1:19:A:ALA:HB2	1:21:A:THR:HG22	16	0.25
(9,1717)	1:19:A:ALA:HB2	1:21:A:THR:HG23	16	0.25
(9,1717)	1:19:A:ALA:HB3	1:21:A:THR:HG21	16	0.25
(9,1717)	1:19:A:ALA:HB3	1:21:A:THR:HG22	16	0.25
(9,1717)	1:19:A:ALA:HB3	1:21:A:THR:HG23	16	0.25
(9,1693)	1:43:A:MET:HG2	1:43:A:MET:HE1	4	0.25
(9,1693)	1:43:A:MET:HG2	1:43:A:MET:HE2	4	0.25
(9,1693)	1:43:A:MET:HG2	1:43:A:MET:HE3	4	0.25
(9,1534)	1:76:A:ARG:HE	1:110:A:MET:HE1	13	0.25
(9,1534)	1:76:A:ARG:HE	1:110:A:MET:HE2	13	0.25
(9,1534)	1:76:A:ARG:HE	1:110:A:MET:HE3	13	0.25
(9,1515)	1:69:A:MET:HE1	1:116:A:GLN:HE21	12	0.25
(9,1515)	1:69:A:MET:HE2	1:116:A:GLN:HE21	12	0.25
(9,1515)	1:69:A:MET:HE3	1:116:A:GLN:HE21	12	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1507)	1:98:A:ILE:HG21	1:101:A:ILE:HB	16	0.25
(9,1507)	1:98:A:ILE:HG22	1:101:A:ILE:HB	16	0.25
(9,1507)	1:98:A:ILE:HG23	1:101:A:ILE:HB	16	0.25
(9,1432)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	5	0.25
(9,1432)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	5	0.25
(9,1432)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	5	0.25
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG11	11	0.25
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG12	11	0.25
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG13	11	0.25
(9,1251)	1:37:A:LEU:HD11	1:38:A:GLU:HA	10	0.25
(9,1251)	1:37:A:LEU:HD12	1:38:A:GLU:HA	10	0.25
(9,1251)	1:37:A:LEU:HD13	1:38:A:GLU:HA	10	0.25
(9,1243)	1:38:A:GLU:HB2	1:139:A:LEU:HD21	4	0.25
(9,1243)	1:38:A:GLU:HB2	1:139:A:LEU:HD22	4	0.25
(9,1243)	1:38:A:GLU:HB2	1:139:A:LEU:HD23	4	0.25
(9,1173)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	18	0.25
(9,1173)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	18	0.25
(9,1173)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	18	0.25
(9,1173)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	18	0.25
(9,1173)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	18	0.25
(9,1173)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	18	0.25
(9,998)	1:31:A:PRO:HA	1:32:A:GLY:H	3	0.25
(9,916)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	4	0.25
(9,916)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	4	0.25
(9,916)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	4	0.25
(9,829)	1:114:A:ILE:HA	1:114:A:ILE:HD11	16	0.25
(9,829)	1:114:A:ILE:HA	1:114:A:ILE:HD12	16	0.25
(9,829)	1:114:A:ILE:HA	1:114:A:ILE:HD13	16	0.25
(9,798)	1:55:A:GLY:H	1:58:A:ILE:HD11	13	0.25
(9,798)	1:55:A:GLY:H	1:58:A:ILE:HD12	13	0.25
(9,798)	1:55:A:GLY:H	1:58:A:ILE:HD13	13	0.25
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD11	10	0.25
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD12	10	0.25
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD13	10	0.25
(9,758)	1:53:A:THR:H	1:53:A:THR:HG21	19	0.25
(9,758)	1:53:A:THR:H	1:53:A:THR:HG22	19	0.25
(9,758)	1:53:A:THR:H	1:53:A:THR:HG23	19	0.25
(9,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	12	0.25
(9,534)	1:70:A:LYS:HB2	1:72:A:PHE:H	2	0.25
(9,534)	1:70:A:LYS:HB3	1:72:A:PHE:H	2	0.25
(9,180)	1:8:A:ASP:H	1:58:A:ILE:HD11	19	0.25
(9,180)	1:8:A:ASP:H	1:58:A:ILE:HD12	19	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,180)	1:8:A:ASP:H	1:58:A:ILE:HD13	19	0.25
(9,177)	1:8:A:ASP:H	1:58:A:ILE:HG13	4	0.25
(9,177)	1:8:A:ASP:H	1:58:A:ILE:HG13	11	0.25
(9,143)	1:59:A:CYS:H	1:60:A:LEU:HD21	11	0.25
(9,143)	1:59:A:CYS:H	1:60:A:LEU:HD22	11	0.25
(9,143)	1:59:A:CYS:H	1:60:A:LEU:HD23	11	0.25
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB1	8	0.25
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB2	8	0.25
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB3	8	0.25
(9,69)	1:13:A:ALA:HB1	1:81:A:GLU:H	3	0.25
(9,69)	1:13:A:ALA:HB2	1:81:A:GLU:H	3	0.25
(9,69)	1:13:A:ALA:HB3	1:81:A:GLU:H	3	0.25
(9,30)	1:96:A:VAL:H	1:97:A:ASP:H	1	0.25
(7,2447)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	1	0.25
(7,2447)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	1	0.25
(7,2447)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	1	0.25
(7,2447)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	1	0.25
(7,2447)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	1	0.25
(7,2447)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	1	0.25
(7,2384)	1:125:A:THR:HB	1:128:A:LEU:HD11	5	0.25
(7,2384)	1:125:A:THR:HB	1:128:A:LEU:HD12	5	0.25
(7,2384)	1:125:A:THR:HB	1:128:A:LEU:HD13	5	0.25
(7,2384)	1:125:A:THR:HB	1:128:A:LEU:HD21	5	0.25
(7,2384)	1:125:A:THR:HB	1:128:A:LEU:HD22	5	0.25
(7,2384)	1:125:A:THR:HB	1:128:A:LEU:HD23	5	0.25
(7,2313)	1:107:A:LEU:HA	1:108:A:GLU:HG2	8	0.25
(7,2313)	1:107:A:LEU:HA	1:108:A:GLU:HG3	8	0.25
(7,2202)	1:64:A:LYS:H	1:116:A:GLN:HG2	8	0.25
(7,2202)	1:64:A:LYS:H	1:116:A:GLN:HG3	8	0.25
(7,2173)	1:57:A:LEU:HD11	1:60:A:LEU:HG	19	0.25
(7,2173)	1:57:A:LEU:HD12	1:60:A:LEU:HG	19	0.25
(7,2173)	1:57:A:LEU:HD13	1:60:A:LEU:HG	19	0.25
(7,2173)	1:57:A:LEU:HD21	1:60:A:LEU:HG	19	0.25
(7,2173)	1:57:A:LEU:HD22	1:60:A:LEU:HG	19	0.25
(7,2173)	1:57:A:LEU:HD23	1:60:A:LEU:HG	19	0.25
(7,2145)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	17	0.25
(7,2145)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	17	0.25
(7,2145)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	17	0.25
(7,2145)	1:47:A:ALA:HB1	1:57:A:LEU:HD21	17	0.25
(7,2145)	1:47:A:ALA:HB1	1:57:A:LEU:HD22	17	0.25
(7,2145)	1:47:A:ALA:HB1	1:57:A:LEU:HD23	17	0.25
(7,2145)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	17	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2145)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	17	0.25
(7,2145)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	17	0.25
(7,2145)	1:47:A:ALA:HB2	1:57:A:LEU:HD21	17	0.25
(7,2145)	1:47:A:ALA:HB2	1:57:A:LEU:HD22	17	0.25
(7,2145)	1:47:A:ALA:HB2	1:57:A:LEU:HD23	17	0.25
(7,2145)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	17	0.25
(7,2145)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	17	0.25
(7,2145)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	17	0.25
(7,2145)	1:47:A:ALA:HB3	1:57:A:LEU:HD21	17	0.25
(7,2145)	1:47:A:ALA:HB3	1:57:A:LEU:HD22	17	0.25
(7,2145)	1:47:A:ALA:HB3	1:57:A:LEU:HD23	17	0.25
(7,2085)	1:39:A:VAL:HG11	1:43:A:MET:HB2	14	0.25
(7,2085)	1:39:A:VAL:HG12	1:43:A:MET:HB2	14	0.25
(7,2085)	1:39:A:VAL:HG13	1:43:A:MET:HB2	14	0.25
(7,2085)	1:39:A:VAL:HG21	1:43:A:MET:HB2	14	0.25
(7,2085)	1:39:A:VAL:HG22	1:43:A:MET:HB2	14	0.25
(7,2085)	1:39:A:VAL:HG23	1:43:A:MET:HB2	14	0.25
(7,2084)	1:39:A:VAL:HG11	1:43:A:MET:H	4	0.25
(7,2084)	1:39:A:VAL:HG12	1:43:A:MET:H	4	0.25
(7,2084)	1:39:A:VAL:HG13	1:43:A:MET:H	4	0.25
(7,2084)	1:39:A:VAL:HG21	1:43:A:MET:H	4	0.25
(7,2084)	1:39:A:VAL:HG22	1:43:A:MET:H	4	0.25
(7,2084)	1:39:A:VAL:HG23	1:43:A:MET:H	4	0.25
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD11	17	0.25
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD12	17	0.25
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD13	17	0.25
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD21	17	0.25
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD22	17	0.25
(7,2075)	1:39:A:VAL:H	1:40:A:LEU:HD23	17	0.25
(7,2051)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	2	0.25
(7,2051)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	2	0.25
(7,2051)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	2	0.25
(7,2051)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	2	0.25
(7,2051)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	2	0.25
(7,2051)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	2	0.25
(7,2050)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	12	0.25
(7,2050)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	12	0.25
(7,2050)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	12	0.25
(7,2050)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	12	0.25
(7,2050)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	12	0.25
(7,2050)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	12	0.25
(7,2044)	1:35:A:LEU:HD11	1:39:A:VAL:HB	14	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2044)	1:35:A:LEU:HD12	1:39:A:VAL:HB	14	0.25
(7,2044)	1:35:A:LEU:HD13	1:39:A:VAL:HB	14	0.25
(7,2044)	1:35:A:LEU:HD21	1:39:A:VAL:HB	14	0.25
(7,2044)	1:35:A:LEU:HD22	1:39:A:VAL:HB	14	0.25
(7,2044)	1:35:A:LEU:HD23	1:39:A:VAL:HB	14	0.25
(7,2040)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	9	0.25
(7,2040)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	9	0.25
(7,2040)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	9	0.25
(7,2040)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	9	0.25
(7,2040)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	9	0.25
(7,2040)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	9	0.25
(7,2040)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	14	0.25
(7,2040)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	14	0.25
(7,2040)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	14	0.25
(7,2040)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	14	0.25
(7,2040)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	14	0.25
(7,2040)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	14	0.25
(7,2026)	1:31:A:PRO:HD2	1:144:A:LEU:HA	4	0.25
(7,2026)	1:31:A:PRO:HD3	1:144:A:LEU:HA	4	0.25
(7,2000)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	15	0.25
(7,2000)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	15	0.25
(7,2000)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	15	0.25
(7,2000)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	15	0.25
(7,1995)	1:23:A:LEU:HD11	1:24:A:ASP:H	18	0.25
(7,1995)	1:23:A:LEU:HD12	1:24:A:ASP:H	18	0.25
(7,1995)	1:23:A:LEU:HD13	1:24:A:ASP:H	18	0.25
(7,1995)	1:23:A:LEU:HD21	1:24:A:ASP:H	18	0.25
(7,1995)	1:23:A:LEU:HD22	1:24:A:ASP:H	18	0.25
(7,1995)	1:23:A:LEU:HD23	1:24:A:ASP:H	18	0.25
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD11	9	0.25
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD12	9	0.25
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD13	9	0.25
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD21	9	0.25
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD22	9	0.25
(7,1964)	1:16:A:SER:HB2	1:140:A:LEU:HD23	9	0.25
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD11	9	0.25
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD12	9	0.25
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD13	9	0.25
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD21	9	0.25
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD22	9	0.25
(7,1964)	1:16:A:SER:HB3	1:140:A:LEU:HD23	9	0.25
(7,1877)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	10	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1850)	1:72:A:PHE:H	1:72:A:PHE:HE1	14	0.25
(7,1850)	1:72:A:PHE:H	1:72:A:PHE:HE2	14	0.25
(7,1803)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	6	0.25
(7,1803)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	6	0.25
(7,1803)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	19	0.25
(7,1803)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	19	0.25
(7,1796)	1:71:A:LYS:HD2	1:72:A:PHE:HZ	3	0.25
(7,1796)	1:71:A:LYS:HD3	1:72:A:PHE:HZ	3	0.25
(7,1796)	1:71:A:LYS:HD2	1:72:A:PHE:HZ	6	0.25
(7,1796)	1:71:A:LYS:HD3	1:72:A:PHE:HZ	6	0.25
(7,1796)	1:71:A:LYS:HD2	1:72:A:PHE:HZ	15	0.25
(7,1796)	1:71:A:LYS:HD3	1:72:A:PHE:HZ	15	0.25
(7,1796)	1:71:A:LYS:HD2	1:72:A:PHE:HZ	18	0.25
(7,1796)	1:71:A:LYS:HD3	1:72:A:PHE:HZ	18	0.25
(7,1795)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	12	0.25
(7,1795)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	12	0.25
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	12	0.25
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	12	0.25
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	12	0.25
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	14	0.25
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	14	0.25
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	14	0.25
(7,1789)	1:9:A:PHE:HZ	1:11:A:ILE:HB	5	0.25
(7,1775)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	2	0.25
(7,1775)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	2	0.25
(7,1775)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	2	0.25
(7,1775)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	2	0.25
(7,1775)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	2	0.25
(7,1775)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	2	0.25
(7,1769)	1:97:A:ASP:HA	1:104:A:PHE:HE1	17	0.25
(7,1769)	1:97:A:ASP:HA	1:104:A:PHE:HE2	17	0.25
(7,1761)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	15	0.25
(7,1761)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	15	0.25
(7,1761)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	15	0.25
(7,1761)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	15	0.25
(7,1761)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	15	0.25
(7,1761)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	15	0.25
(7,1730)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	19	0.25
(7,1730)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	19	0.25
(7,1730)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	19	0.25
(7,1706)	1:31:A:PRO:HB2	1:35:A:LEU:HA	10	0.25
(7,1706)	1:31:A:PRO:HB3	1:35:A:LEU:HA	10	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1685)	1:79:A:THR:HG21	1:81:A:GLU:HB3	13	0.25
(7,1685)	1:79:A:THR:HG22	1:81:A:GLU:HB3	13	0.25
(7,1685)	1:79:A:THR:HG23	1:81:A:GLU:HB3	13	0.25
(7,1654)	1:69:A:MET:HG3	1:109:A:PRO:HA	5	0.25
(7,1653)	1:69:A:MET:HA	1:109:A:PRO:HA	14	0.25
(7,1636)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	18	0.25
(7,1636)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	18	0.25
(7,1636)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	18	0.25
(7,1636)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	18	0.25
(7,1625)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	8	0.25
(7,1625)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	8	0.25
(7,1625)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	8	0.25
(7,1625)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	8	0.25
(7,1625)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	8	0.25
(7,1625)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	8	0.25
(7,1625)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	8	0.25
(7,1625)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	8	0.25
(7,1625)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	8	0.25
(7,1620)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	17	0.25
(7,1620)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	17	0.25
(7,1620)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	17	0.25
(7,1620)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	17	0.25
(7,1620)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	17	0.25
(7,1620)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	17	0.25
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG21	7	0.25
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG22	7	0.25
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG23	7	0.25
(7,1530)	1:39:A:VAL:H	1:139:A:LEU:HD11	1	0.25
(7,1530)	1:39:A:VAL:H	1:139:A:LEU:HD12	1	0.25
(7,1530)	1:39:A:VAL:H	1:139:A:LEU:HD13	1	0.25
(7,1510)	1:110:A:MET:HE1	1:114:A:ILE:HA	4	0.25
(7,1510)	1:110:A:MET:HE2	1:114:A:ILE:HA	4	0.25
(7,1510)	1:110:A:MET:HE3	1:114:A:ILE:HA	4	0.25
(7,1492)	1:98:A:ILE:HG21	1:101:A:ILE:HB	16	0.25
(7,1492)	1:98:A:ILE:HG22	1:101:A:ILE:HB	16	0.25
(7,1492)	1:98:A:ILE:HG23	1:101:A:ILE:HB	16	0.25
(7,1426)	1:50:A:ALA:HB1	1:130:A:GLY:H	2	0.25
(7,1426)	1:50:A:ALA:HB2	1:130:A:GLY:H	2	0.25
(7,1426)	1:50:A:ALA:HB3	1:130:A:GLY:H	2	0.25
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG21	19	0.25
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG22	19	0.25
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG23	19	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1388)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	5	0.25
(7,1388)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	5	0.25
(7,1388)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	5	0.25
(7,1383)	1:132:A:ALA:HB1	1:133:A:ASN:HD22	19	0.25
(7,1383)	1:132:A:ALA:HB2	1:133:A:ASN:HD22	19	0.25
(7,1383)	1:132:A:ALA:HB3	1:133:A:ASN:HD22	19	0.25
(7,1363)	1:107:A:LEU:HD11	1:111:A:GLU:HB2	2	0.25
(7,1363)	1:107:A:LEU:HD11	1:111:A:GLU:HB3	2	0.25
(7,1363)	1:107:A:LEU:HD12	1:111:A:GLU:HB2	2	0.25
(7,1363)	1:107:A:LEU:HD12	1:111:A:GLU:HB3	2	0.25
(7,1363)	1:107:A:LEU:HD13	1:111:A:GLU:HB2	2	0.25
(7,1363)	1:107:A:LEU:HD13	1:111:A:GLU:HB3	2	0.25
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG11	13	0.25
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG12	13	0.25
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG13	13	0.25
(7,1271)	1:66:A:THR:HG21	1:70:A:LYS:H	14	0.25
(7,1271)	1:66:A:THR:HG22	1:70:A:LYS:H	14	0.25
(7,1271)	1:66:A:THR:HG23	1:70:A:LYS:H	14	0.25
(7,1204)	1:144:A:LEU:HA	1:144:A:LEU:HD21	16	0.25
(7,1204)	1:144:A:LEU:HA	1:144:A:LEU:HD22	16	0.25
(7,1204)	1:144:A:LEU:HA	1:144:A:LEU:HD23	16	0.25
(7,1092)	1:41:A:LYS:HA	1:44:A:GLU:HB2	3	0.25
(7,1092)	1:41:A:LYS:HA	1:44:A:GLU:HB3	3	0.25
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB1	9	0.25
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB2	9	0.25
(7,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB3	9	0.25
(7,1053)	1:54:A:ARG:HA	1:57:A:LEU:HD21	17	0.25
(7,1053)	1:54:A:ARG:HA	1:57:A:LEU:HD22	17	0.25
(7,1053)	1:54:A:ARG:HA	1:57:A:LEU:HD23	17	0.25
(7,919)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	18	0.25
(7,919)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	18	0.25
(7,919)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	18	0.25
(7,919)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	18	0.25
(7,903)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	18	0.25
(7,903)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	18	0.25
(7,903)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	18	0.25
(7,835)	1:43:A:MET:HE1	1:131:A:LEU:HB3	9	0.25
(7,835)	1:43:A:MET:HE2	1:131:A:LEU:HB3	9	0.25
(7,835)	1:43:A:MET:HE3	1:131:A:LEU:HB3	9	0.25
(7,821)	1:114:A:ILE:HA	1:114:A:ILE:HD11	16	0.25
(7,821)	1:114:A:ILE:HA	1:114:A:ILE:HD12	16	0.25
(7,821)	1:114:A:ILE:HA	1:114:A:ILE:HD13	16	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,783)	1:63:A:ILE:HD11	1:117:A:VAL:HB	7	0.25
(7,783)	1:63:A:ILE:HD12	1:117:A:VAL:HB	7	0.25
(7,783)	1:63:A:ILE:HD13	1:117:A:VAL:HB	7	0.25
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD11	14	0.25
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD12	14	0.25
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD13	14	0.25
(7,776)	1:63:A:ILE:HD11	1:64:A:LYS:H	3	0.25
(7,776)	1:63:A:ILE:HD12	1:64:A:LYS:H	3	0.25
(7,776)	1:63:A:ILE:HD13	1:64:A:LYS:H	3	0.25
(7,772)	1:11:A:ILE:HD11	1:15:A:ALA:H	15	0.25
(7,772)	1:11:A:ILE:HD12	1:15:A:ALA:H	15	0.25
(7,772)	1:11:A:ILE:HD13	1:15:A:ALA:H	15	0.25
(7,626)	1:57:A:LEU:H	1:58:A:ILE:HD11	6	0.25
(7,626)	1:57:A:LEU:H	1:58:A:ILE:HD12	6	0.25
(7,626)	1:57:A:LEU:H	1:58:A:ILE:HD13	6	0.25
(7,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	12	0.25
(7,528)	1:70:A:LYS:HB2	1:72:A:PHE:H	9	0.25
(7,528)	1:70:A:LYS:HB3	1:72:A:PHE:H	9	0.25
(7,442)	1:68:A:LYS:H	1:70:A:LYS:HG3	4	0.25
(7,297)	1:128:A:LEU:HB3	1:129:A:LYS:H	13	0.25
(6,2455)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	1	0.25
(6,2455)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	1	0.25
(6,2455)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	1	0.25
(6,2455)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	1	0.25
(6,2455)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	1	0.25
(6,2455)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	1	0.25
(6,2397)	1:125:A:THR:HB	1:128:A:LEU:HD11	5	0.25
(6,2397)	1:125:A:THR:HB	1:128:A:LEU:HD12	5	0.25
(6,2397)	1:125:A:THR:HB	1:128:A:LEU:HD13	5	0.25
(6,2397)	1:125:A:THR:HB	1:128:A:LEU:HD21	5	0.25
(6,2397)	1:125:A:THR:HB	1:128:A:LEU:HD22	5	0.25
(6,2397)	1:125:A:THR:HB	1:128:A:LEU:HD23	5	0.25
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG11	6	0.25
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG12	6	0.25
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG13	6	0.25
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG21	6	0.25
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG22	6	0.25
(6,2366)	1:116:A:GLN:H	1:117:A:VAL:HG23	6	0.25
(6,2286)	1:96:A:VAL:HG11	1:97:A:ASP:H	17	0.25
(6,2286)	1:96:A:VAL:HG12	1:97:A:ASP:H	17	0.25
(6,2286)	1:96:A:VAL:HG13	1:97:A:ASP:H	17	0.25
(6,2286)	1:96:A:VAL:HG21	1:97:A:ASP:H	17	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2286)	1:96:A:VAL:HG22	1:97:A:ASP:H	17	0.25
(6,2286)	1:96:A:VAL:HG23	1:97:A:ASP:H	17	0.25
(6,2275)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	10	0.25
(6,2275)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	10	0.25
(6,2210)	1:60:A:LEU:HD11	1:61:A:SER:HB2	11	0.25
(6,2210)	1:60:A:LEU:HD11	1:61:A:SER:HB3	11	0.25
(6,2210)	1:60:A:LEU:HD12	1:61:A:SER:HB2	11	0.25
(6,2210)	1:60:A:LEU:HD12	1:61:A:SER:HB3	11	0.25
(6,2210)	1:60:A:LEU:HD13	1:61:A:SER:HB2	11	0.25
(6,2210)	1:60:A:LEU:HD13	1:61:A:SER:HB3	11	0.25
(6,2182)	1:54:A:ARG:HB2	1:58:A:ILE:HD11	12	0.25
(6,2182)	1:54:A:ARG:HB2	1:58:A:ILE:HD12	12	0.25
(6,2182)	1:54:A:ARG:HB2	1:58:A:ILE:HD13	12	0.25
(6,2182)	1:54:A:ARG:HB3	1:58:A:ILE:HD11	12	0.25
(6,2182)	1:54:A:ARG:HB3	1:58:A:ILE:HD12	12	0.25
(6,2182)	1:54:A:ARG:HB3	1:58:A:ILE:HD13	12	0.25
(6,2135)	1:42:A:GLU:H	1:139:A:LEU:HD11	4	0.25
(6,2135)	1:42:A:GLU:H	1:139:A:LEU:HD12	4	0.25
(6,2135)	1:42:A:GLU:H	1:139:A:LEU:HD13	4	0.25
(6,2135)	1:42:A:GLU:H	1:139:A:LEU:HD21	4	0.25
(6,2135)	1:42:A:GLU:H	1:139:A:LEU:HD22	4	0.25
(6,2135)	1:42:A:GLU:H	1:139:A:LEU:HD23	4	0.25
(6,2117)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	14	0.25
(6,2117)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	14	0.25
(6,2117)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	14	0.25
(6,2117)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	14	0.25
(6,2117)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	14	0.25
(6,2117)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	14	0.25
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD11	18	0.25
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD12	18	0.25
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD13	18	0.25
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD21	18	0.25
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD22	18	0.25
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD23	18	0.25
(6,2004)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	13	0.25
(6,2004)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	13	0.25
(6,2004)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	13	0.25
(6,2004)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	13	0.25
(6,2004)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	13	0.25
(6,2004)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	13	0.25
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD11	18	0.25
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD12	18	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD13	18	0.25
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD21	18	0.25
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD22	18	0.25
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD23	18	0.25
(6,1982)	1:12:A:VAL:HG11	1:31:A:PRO:HD2	5	0.25
(6,1982)	1:12:A:VAL:HG12	1:31:A:PRO:HD2	5	0.25
(6,1982)	1:12:A:VAL:HG13	1:31:A:PRO:HD2	5	0.25
(6,1982)	1:12:A:VAL:HG21	1:31:A:PRO:HD2	5	0.25
(6,1982)	1:12:A:VAL:HG22	1:31:A:PRO:HD2	5	0.25
(6,1982)	1:12:A:VAL:HG23	1:31:A:PRO:HD2	5	0.25
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	8	0.25
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	8	0.25
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	8	0.25
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG21	8	0.25
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG22	8	0.25
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG23	8	0.25
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD11	13	0.25
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD12	13	0.25
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD13	13	0.25
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD21	13	0.25
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD22	13	0.25
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD23	13	0.25
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	18	0.25
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	18	0.25
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	18	0.25
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	18	0.25
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	18	0.25
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	18	0.25
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	18	0.25
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	18	0.25
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	18	0.25
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	18	0.25
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	18	0.25
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	18	0.25
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	18	0.25
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	18	0.25
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	18	0.25
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	18	0.25
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	18	0.25
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	18	0.25
(6,1958)	1:10:A:ASN:HD21	1:81:A:GLU:H	12	0.25
(6,1958)	1:10:A:ASN:HD22	1:81:A:GLU:H	12	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1957)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	10	0.25
(6,1957)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	10	0.25
(6,1957)	1:10:A:ASN:HD22	1:80:A:TYR:HE1	10	0.25
(6,1957)	1:10:A:ASN:HD22	1:80:A:TYR:HE2	10	0.25
(6,1909)	1:113:A:PHE:HD1	1:114:A:ILE:HB	8	0.25
(6,1909)	1:113:A:PHE:HD2	1:114:A:ILE:HB	8	0.25
(6,1909)	1:113:A:PHE:HD1	1:114:A:ILE:HB	19	0.25
(6,1909)	1:113:A:PHE:HD2	1:114:A:ILE:HB	19	0.25
(6,1908)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	11	0.25
(6,1908)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	11	0.25
(6,1908)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	11	0.25
(6,1908)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	11	0.25
(6,1869)	1:113:A:PHE:HE1	1:114:A:ILE:HA	5	0.25
(6,1869)	1:113:A:PHE:HE2	1:114:A:ILE:HA	5	0.25
(6,1834)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	7	0.25
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	12	0.25
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	12	0.25
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	12	0.25
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	14	0.25
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	14	0.25
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	14	0.25
(6,1826)	1:9:A:PHE:HZ	1:11:A:ILE:HB	5	0.25
(6,1823)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	9	0.25
(6,1823)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	9	0.25
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	10	0.25
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	10	0.25
(6,1820)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	10	0.25
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	10	0.25
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	10	0.25
(6,1820)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	10	0.25
(6,1807)	1:97:A:ASP:HA	1:104:A:PHE:HE1	17	0.25
(6,1807)	1:97:A:ASP:HA	1:104:A:PHE:HE2	17	0.25
(6,1791)	1:80:A:TYR:HD1	1:81:A:GLU:HA	13	0.25
(6,1791)	1:80:A:TYR:HD2	1:81:A:GLU:HA	13	0.25
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD21	16	0.25
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD22	16	0.25
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD23	16	0.25
(6,1743)	1:105:A:LYS:H	1:105:A:LYS:HG3	10	0.25
(6,1727)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	5	0.25
(6,1727)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	5	0.25
(6,1727)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	5	0.25
(6,1635)	1:121:A:VAL:H	1:122:A:ASP:HA	2	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE1	2	0.25
(6,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE2	2	0.25
(6,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE3	2	0.25
(6,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE1	2	0.25
(6,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE2	2	0.25
(6,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE3	2	0.25
(6,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE1	17	0.25
(6,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE2	17	0.25
(6,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE3	17	0.25
(6,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE1	17	0.25
(6,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE2	17	0.25
(6,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE3	17	0.25
(6,1507)	1:98:A:ILE:HG21	1:101:A:ILE:HB	16	0.25
(6,1507)	1:98:A:ILE:HG22	1:101:A:ILE:HB	16	0.25
(6,1507)	1:98:A:ILE:HG23	1:101:A:ILE:HB	16	0.25
(6,1433)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	5	0.25
(6,1433)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	5	0.25
(6,1433)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	5	0.25
(6,1387)	1:19:A:ALA:HB1	1:21:A:THR:HG21	8	0.25
(6,1387)	1:19:A:ALA:HB1	1:21:A:THR:HG22	8	0.25
(6,1387)	1:19:A:ALA:HB1	1:21:A:THR:HG23	8	0.25
(6,1387)	1:19:A:ALA:HB2	1:21:A:THR:HG21	8	0.25
(6,1387)	1:19:A:ALA:HB2	1:21:A:THR:HG22	8	0.25
(6,1387)	1:19:A:ALA:HB2	1:21:A:THR:HG23	8	0.25
(6,1387)	1:19:A:ALA:HB3	1:21:A:THR:HG21	8	0.25
(6,1387)	1:19:A:ALA:HB3	1:21:A:THR:HG22	8	0.25
(6,1387)	1:19:A:ALA:HB3	1:21:A:THR:HG23	8	0.25
(6,1259)	1:113:A:PHE:HE1	1:117:A:VAL:HG11	13	0.25
(6,1259)	1:113:A:PHE:HE1	1:117:A:VAL:HG12	13	0.25
(6,1259)	1:113:A:PHE:HE1	1:117:A:VAL:HG13	13	0.25
(6,1259)	1:113:A:PHE:HE2	1:117:A:VAL:HG11	13	0.25
(6,1259)	1:113:A:PHE:HE2	1:117:A:VAL:HG12	13	0.25
(6,1259)	1:113:A:PHE:HE2	1:117:A:VAL:HG13	13	0.25
(6,1259)	1:113:A:PHE:HE1	1:117:A:VAL:HG11	19	0.25
(6,1259)	1:113:A:PHE:HE1	1:117:A:VAL:HG12	19	0.25
(6,1259)	1:113:A:PHE:HE1	1:117:A:VAL:HG13	19	0.25
(6,1259)	1:113:A:PHE:HE2	1:117:A:VAL:HG11	19	0.25
(6,1259)	1:113:A:PHE:HE2	1:117:A:VAL:HG12	19	0.25
(6,1259)	1:113:A:PHE:HE2	1:117:A:VAL:HG13	19	0.25
(6,1256)	1:15:A:ALA:HA	1:131:A:LEU:HB2	16	0.25
(6,1187)	1:100:A:ALA:HA	1:119:A:LEU:HD21	5	0.25
(6,1187)	1:100:A:ALA:HA	1:119:A:LEU:HD22	5	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1187)	1:100:A:ALA:HA	1:119:A:LEU:HD23	5	0.25
(6,1145)	1:37:A:LEU:HA	1:37:A:LEU:HD21	14	0.25
(6,1145)	1:37:A:LEU:HA	1:37:A:LEU:HD22	14	0.25
(6,1145)	1:37:A:LEU:HA	1:37:A:LEU:HD23	14	0.25
(6,1076)	1:68:A:LYS:HA	1:72:A:PHE:HD1	7	0.25
(6,1076)	1:68:A:LYS:HA	1:72:A:PHE:HD2	7	0.25
(6,986)	1:31:A:PRO:HA	1:32:A:GLY:H	3	0.25
(6,946)	1:66:A:THR:H	1:96:A:VAL:HB	16	0.25
(6,854)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	19	0.25
(6,854)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	19	0.25
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD11	10	0.25
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD12	10	0.25
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD13	10	0.25
(6,788)	1:63:A:ILE:HD11	1:117:A:VAL:HB	9	0.25
(6,788)	1:63:A:ILE:HD12	1:117:A:VAL:HB	9	0.25
(6,788)	1:63:A:ILE:HD13	1:117:A:VAL:HB	9	0.25
(6,776)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	10	0.25
(6,776)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	10	0.25
(6,776)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	10	0.25
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	11	0.25
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	11	0.25
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	11	0.25
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	11	0.25
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	11	0.25
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	11	0.25
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	11	0.25
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	11	0.25
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	11	0.25
(6,718)	1:46:A:ASN:HA	1:50:A:ALA:H	10	0.25
(6,662)	1:63:A:ILE:HD11	1:116:A:GLN:H	4	0.25
(6,662)	1:63:A:ILE:HD12	1:116:A:GLN:H	4	0.25
(6,662)	1:63:A:ILE:HD13	1:116:A:GLN:H	4	0.25
(6,625)	1:9:A:PHE:HE1	1:58:A:ILE:H	7	0.25
(6,625)	1:9:A:PHE:HE2	1:58:A:ILE:H	7	0.25
(6,623)	1:57:A:LEU:H	1:58:A:ILE:HD11	6	0.25
(6,623)	1:57:A:LEU:H	1:58:A:ILE:HD12	6	0.25
(6,623)	1:57:A:LEU:H	1:58:A:ILE:HD13	6	0.25
(6,557)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	10	0.25
(6,557)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	10	0.25
(6,557)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	10	0.25
(6,557)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	10	0.25
(6,557)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	10	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,557)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	10	0.25
(6,525)	1:70:A:LYS:HB2	1:72:A:PHE:H	9	0.25
(6,525)	1:70:A:LYS:HB3	1:72:A:PHE:H	9	0.25
(6,434)	1:143:A:TRP:H	1:144:A:LEU:HD21	1	0.25
(6,434)	1:143:A:TRP:H	1:144:A:LEU:HD22	1	0.25
(6,434)	1:143:A:TRP:H	1:144:A:LEU:HD23	1	0.25
(6,173)	1:8:A:ASP:H	1:58:A:ILE:HG13	4	0.25
(6,173)	1:8:A:ASP:H	1:58:A:ILE:HG13	11	0.25
(6,142)	1:59:A:CYS:H	1:60:A:LEU:HD21	11	0.25
(6,142)	1:59:A:CYS:H	1:60:A:LEU:HD22	11	0.25
(6,142)	1:59:A:CYS:H	1:60:A:LEU:HD23	11	0.25
(6,62)	1:32:A:GLY:HA2	1:81:A:GLU:H	9	0.25
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD11	8	0.25
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD12	8	0.25
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD13	8	0.25
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD21	8	0.25
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD22	8	0.25
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD23	8	0.25
(5,2388)	1:125:A:THR:HB	1:129:A:LYS:HG2	2	0.25
(5,2388)	1:125:A:THR:HB	1:129:A:LYS:HG3	2	0.25
(5,2387)	1:125:A:THR:HB	1:128:A:LEU:HD11	5	0.25
(5,2387)	1:125:A:THR:HB	1:128:A:LEU:HD12	5	0.25
(5,2387)	1:125:A:THR:HB	1:128:A:LEU:HD13	5	0.25
(5,2387)	1:125:A:THR:HB	1:128:A:LEU:HD21	5	0.25
(5,2387)	1:125:A:THR:HB	1:128:A:LEU:HD22	5	0.25
(5,2387)	1:125:A:THR:HB	1:128:A:LEU:HD23	5	0.25
(5,2284)	1:96:A:VAL:HG11	1:97:A:ASP:H	17	0.25
(5,2284)	1:96:A:VAL:HG12	1:97:A:ASP:H	17	0.25
(5,2284)	1:96:A:VAL:HG13	1:97:A:ASP:H	17	0.25
(5,2284)	1:96:A:VAL:HG21	1:97:A:ASP:H	17	0.25
(5,2284)	1:96:A:VAL:HG22	1:97:A:ASP:H	17	0.25
(5,2284)	1:96:A:VAL:HG23	1:97:A:ASP:H	17	0.25
(5,2278)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	15	0.25
(5,2278)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	15	0.25
(5,2264)	1:73:A:ILE:HG21	1:109:A:PRO:HD2	6	0.25
(5,2264)	1:73:A:ILE:HG21	1:109:A:PRO:HD3	6	0.25
(5,2264)	1:73:A:ILE:HG22	1:109:A:PRO:HD2	6	0.25
(5,2264)	1:73:A:ILE:HG22	1:109:A:PRO:HD3	6	0.25
(5,2264)	1:73:A:ILE:HG23	1:109:A:PRO:HD2	6	0.25
(5,2264)	1:73:A:ILE:HG23	1:109:A:PRO:HD3	6	0.25
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD11	1	0.25
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD12	1	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD13	1	0.25
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD21	1	0.25
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD22	1	0.25
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD23	1	0.25
(5,2124)	1:40:A:LEU:HD11	1:43:A:MET:H	13	0.25
(5,2124)	1:40:A:LEU:HD12	1:43:A:MET:H	13	0.25
(5,2124)	1:40:A:LEU:HD13	1:43:A:MET:H	13	0.25
(5,2124)	1:40:A:LEU:HD21	1:43:A:MET:H	13	0.25
(5,2124)	1:40:A:LEU:HD22	1:43:A:MET:H	13	0.25
(5,2124)	1:40:A:LEU:HD23	1:43:A:MET:H	13	0.25
(5,2099)	1:39:A:VAL:HG11	1:43:A:MET:H	7	0.25
(5,2099)	1:39:A:VAL:HG12	1:43:A:MET:H	7	0.25
(5,2099)	1:39:A:VAL:HG13	1:43:A:MET:H	7	0.25
(5,2099)	1:39:A:VAL:HG21	1:43:A:MET:H	7	0.25
(5,2099)	1:39:A:VAL:HG22	1:43:A:MET:H	7	0.25
(5,2099)	1:39:A:VAL:HG23	1:43:A:MET:H	7	0.25
(5,2093)	1:39:A:VAL:HB	1:139:A:LEU:HD11	5	0.25
(5,2093)	1:39:A:VAL:HB	1:139:A:LEU:HD12	5	0.25
(5,2093)	1:39:A:VAL:HB	1:139:A:LEU:HD13	5	0.25
(5,2093)	1:39:A:VAL:HB	1:139:A:LEU:HD21	5	0.25
(5,2093)	1:39:A:VAL:HB	1:139:A:LEU:HD22	5	0.25
(5,2093)	1:39:A:VAL:HB	1:139:A:LEU:HD23	5	0.25
(5,2066)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	2	0.25
(5,2066)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	2	0.25
(5,2066)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	2	0.25
(5,2066)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	2	0.25
(5,2066)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	2	0.25
(5,2066)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	2	0.25
(5,2061)	1:35:A:LEU:HD11	1:39:A:VAL:HB	14	0.25
(5,2061)	1:35:A:LEU:HD12	1:39:A:VAL:HB	14	0.25
(5,2061)	1:35:A:LEU:HD13	1:39:A:VAL:HB	14	0.25
(5,2061)	1:35:A:LEU:HD21	1:39:A:VAL:HB	14	0.25
(5,2061)	1:35:A:LEU:HD22	1:39:A:VAL:HB	14	0.25
(5,2061)	1:35:A:LEU:HD23	1:39:A:VAL:HB	14	0.25
(5,2027)	1:23:A:LEU:HD11	1:24:A:ASP:H	15	0.25
(5,2027)	1:23:A:LEU:HD12	1:24:A:ASP:H	15	0.25
(5,2027)	1:23:A:LEU:HD13	1:24:A:ASP:H	15	0.25
(5,2027)	1:23:A:LEU:HD21	1:24:A:ASP:H	15	0.25
(5,2027)	1:23:A:LEU:HD22	1:24:A:ASP:H	15	0.25
(5,2027)	1:23:A:LEU:HD23	1:24:A:ASP:H	15	0.25
(5,2019)	1:18:A:PHE:HE1	1:131:A:LEU:HB2	16	0.25
(5,2019)	1:18:A:PHE:HE1	1:131:A:LEU:HB3	16	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2019)	1:18:A:PHE:HE2	1:131:A:LEU:HB2	16	0.25
(5,2019)	1:18:A:PHE:HE2	1:131:A:LEU:HB3	16	0.25
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	3	0.25
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	3	0.25
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	3	0.25
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	3	0.25
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	3	0.25
(5,2018)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	3	0.25
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	3	0.25
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	3	0.25
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	3	0.25
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	3	0.25
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	3	0.25
(5,2018)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	3	0.25
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD11	8	0.25
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD12	8	0.25
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD13	8	0.25
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD21	8	0.25
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD22	8	0.25
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD23	8	0.25
(5,1927)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	4	0.25
(5,1927)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	4	0.25
(5,1927)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	4	0.25
(5,1927)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	4	0.25
(5,1927)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	4	0.25
(5,1927)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	4	0.25
(5,1891)	1:113:A:PHE:HE1	1:114:A:ILE:HA	5	0.25
(5,1891)	1:113:A:PHE:HE2	1:114:A:ILE:HA	5	0.25
(5,1848)	1:9:A:PHE:HZ	1:11:A:ILE:HB	5	0.25
(5,1829)	1:97:A:ASP:HA	1:104:A:PHE:HE1	17	0.25
(5,1829)	1:97:A:ASP:HA	1:104:A:PHE:HE2	17	0.25
(5,1821)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	7	0.25
(5,1821)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	7	0.25
(5,1821)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	7	0.25
(5,1821)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	7	0.25
(5,1821)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	7	0.25
(5,1821)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	7	0.25
(5,1815)	1:13:A:ALA:HA	1:80:A:TYR:HD1	12	0.25
(5,1815)	1:13:A:ALA:HA	1:80:A:TYR:HD2	12	0.25
(5,1792)	1:97:A:ASP:HA	1:105:A:LYS:HA	13	0.25
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	2	0.25
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	2	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	5	0.25
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	5	0.25
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	13	0.25
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	13	0.25
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	8	0.25
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	8	0.25
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	8	0.25
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	8	0.25
(5,1591)	1:61:A:SER:HA	1:63:A:ILE:HD11	8	0.25
(5,1591)	1:61:A:SER:HA	1:63:A:ILE:HD12	8	0.25
(5,1591)	1:61:A:SER:HA	1:63:A:ILE:HD13	8	0.25
(5,1553)	1:76:A:ARG:HE	1:110:A:MET:HE1	13	0.25
(5,1553)	1:76:A:ARG:HE	1:110:A:MET:HE2	13	0.25
(5,1553)	1:76:A:ARG:HE	1:110:A:MET:HE3	13	0.25
(5,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE1	2	0.25
(5,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE2	2	0.25
(5,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE3	2	0.25
(5,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE1	2	0.25
(5,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE2	2	0.25
(5,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE3	2	0.25
(5,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE1	17	0.25
(5,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE2	17	0.25
(5,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE3	17	0.25
(5,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE1	17	0.25
(5,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE2	17	0.25
(5,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE3	17	0.25
(5,1544)	1:110:A:MET:HE1	1:114:A:ILE:HA	4	0.25
(5,1544)	1:110:A:MET:HE2	1:114:A:ILE:HA	4	0.25
(5,1544)	1:110:A:MET:HE3	1:114:A:ILE:HA	4	0.25
(5,1528)	1:98:A:ILE:HG21	1:101:A:ILE:HB	16	0.25
(5,1528)	1:98:A:ILE:HG22	1:101:A:ILE:HB	16	0.25
(5,1528)	1:98:A:ILE:HG23	1:101:A:ILE:HB	16	0.25
(5,1455)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	5	0.25
(5,1455)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	5	0.25
(5,1455)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	5	0.25
(5,1329)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	15	0.25
(5,1329)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	15	0.25
(5,1329)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	15	0.25
(5,1329)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	15	0.25
(5,1329)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	15	0.25
(5,1329)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	15	0.25
(5,1329)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	15	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1329)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	15	0.25
(5,1329)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	15	0.25
(5,1234)	1:37:A:LEU:H	1:37:A:LEU:HD11	4	0.25
(5,1234)	1:37:A:LEU:H	1:37:A:LEU:HD12	4	0.25
(5,1234)	1:37:A:LEU:H	1:37:A:LEU:HD13	4	0.25
(5,1182)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	18	0.25
(5,1182)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	18	0.25
(5,1182)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	18	0.25
(5,1182)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	18	0.25
(5,1182)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	18	0.25
(5,1182)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	18	0.25
(5,1167)	1:37:A:LEU:HA	1:37:A:LEU:HD21	14	0.25
(5,1167)	1:37:A:LEU:HA	1:37:A:LEU:HD22	14	0.25
(5,1167)	1:37:A:LEU:HA	1:37:A:LEU:HD23	14	0.25
(5,1109)	1:41:A:LYS:HG3	1:42:A:GLU:HA	16	0.25
(5,1005)	1:14:A:VAL:HG21	1:61:A:SER:HB3	17	0.25
(5,1005)	1:14:A:VAL:HG22	1:61:A:SER:HB3	17	0.25
(5,1005)	1:14:A:VAL:HG23	1:61:A:SER:HB3	17	0.25
(5,1002)	1:31:A:PRO:HA	1:32:A:GLY:H	3	0.25
(5,959)	1:70:A:LYS:HB2	1:74:A:PRO:HA	8	0.25
(5,959)	1:70:A:LYS:HB3	1:74:A:PRO:HA	8	0.25
(5,957)	1:96:A:VAL:HB	1:97:A:ASP:H	17	0.25
(5,932)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	18	0.25
(5,932)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	18	0.25
(5,932)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	18	0.25
(5,932)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	18	0.25
(5,928)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	3	0.25
(5,928)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	3	0.25
(5,831)	1:114:A:ILE:HA	1:114:A:ILE:HD11	16	0.25
(5,831)	1:114:A:ILE:HA	1:114:A:ILE:HD12	16	0.25
(5,831)	1:114:A:ILE:HA	1:114:A:ILE:HD13	16	0.25
(5,797)	1:58:A:ILE:HD11	1:59:A:CYS:H	3	0.25
(5,797)	1:58:A:ILE:HD12	1:59:A:CYS:H	3	0.25
(5,797)	1:58:A:ILE:HD13	1:59:A:CYS:H	3	0.25
(5,797)	1:58:A:ILE:HD11	1:59:A:CYS:H	14	0.25
(5,797)	1:58:A:ILE:HD12	1:59:A:CYS:H	14	0.25
(5,797)	1:58:A:ILE:HD13	1:59:A:CYS:H	14	0.25
(5,797)	1:58:A:ILE:HD11	1:59:A:CYS:H	15	0.25
(5,797)	1:58:A:ILE:HD12	1:59:A:CYS:H	15	0.25
(5,797)	1:58:A:ILE:HD13	1:59:A:CYS:H	15	0.25
(5,780)	1:11:A:ILE:HD11	1:15:A:ALA:H	15	0.25
(5,780)	1:11:A:ILE:HD12	1:15:A:ALA:H	15	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,780)	1:11:A:ILE:HD13	1:15:A:ALA:H	15	0.25
(5,711)	1:45:A:ALA:HB1	1:48:A:ARG:HE	12	0.25
(5,711)	1:45:A:ALA:HB2	1:48:A:ARG:HE	12	0.25
(5,711)	1:45:A:ALA:HB3	1:48:A:ARG:HE	12	0.25
(5,703)	1:23:A:LEU:HB2	1:25:A:ALA:H	7	0.25
(5,703)	1:23:A:LEU:HB3	1:25:A:ALA:H	7	0.25
(5,627)	1:57:A:LEU:H	1:58:A:ILE:HD11	6	0.25
(5,627)	1:57:A:LEU:H	1:58:A:ILE:HD12	6	0.25
(5,627)	1:57:A:LEU:H	1:58:A:ILE:HD13	6	0.25
(5,519)	1:70:A:LYS:HB2	1:72:A:PHE:H	9	0.25
(5,519)	1:70:A:LYS:HB3	1:72:A:PHE:H	9	0.25
(5,217)	1:9:A:PHE:HE1	1:10:A:ASN:H	6	0.25
(5,217)	1:9:A:PHE:HE2	1:10:A:ASN:H	6	0.25
(5,217)	1:9:A:PHE:HE1	1:10:A:ASN:H	17	0.25
(5,217)	1:9:A:PHE:HE2	1:10:A:ASN:H	17	0.25
(5,161)	1:94:A:ALA:HB1	1:95:A:ILE:H	9	0.25
(5,161)	1:94:A:ALA:HB2	1:95:A:ILE:H	9	0.25
(5,161)	1:94:A:ALA:HB3	1:95:A:ILE:H	9	0.25
(4,2455)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	1	0.25
(4,2455)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	1	0.25
(4,2455)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	1	0.25
(4,2455)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	1	0.25
(4,2455)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	1	0.25
(4,2455)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	1	0.25
(4,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB2	2	0.25
(4,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB3	2	0.25
(4,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB2	2	0.25
(4,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB3	2	0.25
(4,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB2	2	0.25
(4,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB3	2	0.25
(4,2265)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	10	0.25
(4,2265)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	10	0.25
(4,2101)	1:39:A:VAL:HG11	1:43:A:MET:H	6	0.25
(4,2101)	1:39:A:VAL:HG12	1:43:A:MET:H	6	0.25
(4,2101)	1:39:A:VAL:HG13	1:43:A:MET:H	6	0.25
(4,2101)	1:39:A:VAL:HG21	1:43:A:MET:H	6	0.25
(4,2101)	1:39:A:VAL:HG22	1:43:A:MET:H	6	0.25
(4,2101)	1:39:A:VAL:HG23	1:43:A:MET:H	6	0.25
(4,2079)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	5	0.25
(4,2079)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	5	0.25
(4,2079)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	5	0.25
(4,2079)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	5	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2079)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	5	0.25
(4,2079)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	5	0.25
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD11	2	0.25
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD12	2	0.25
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD13	2	0.25
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD21	2	0.25
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD22	2	0.25
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD23	2	0.25
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD11	4	0.25
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD12	4	0.25
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD13	4	0.25
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD21	4	0.25
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD22	4	0.25
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD23	4	0.25
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD11	13	0.25
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD12	13	0.25
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD13	13	0.25
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD21	13	0.25
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD22	13	0.25
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD23	13	0.25
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD11	19	0.25
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD12	19	0.25
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD13	19	0.25
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD21	19	0.25
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD22	19	0.25
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD23	19	0.25
(4,1984)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	12	0.25
(4,1984)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	12	0.25
(4,1984)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	12	0.25
(4,1984)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	12	0.25
(4,1984)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	12	0.25
(4,1984)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	12	0.25
(4,1981)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	4	0.25
(4,1981)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	4	0.25
(4,1981)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	4	0.25
(4,1981)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	4	0.25
(4,1981)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	4	0.25
(4,1981)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	4	0.25
(4,1979)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	14	0.25
(4,1979)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	14	0.25
(4,1979)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	14	0.25
(4,1979)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	14	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1979)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	14	0.25
(4,1979)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	14	0.25
(4,1979)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	14	0.25
(4,1979)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	14	0.25
(4,1979)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	14	0.25
(4,1979)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	14	0.25
(4,1979)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	14	0.25
(4,1979)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	14	0.25
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD11	18	0.25
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD12	18	0.25
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD13	18	0.25
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD21	18	0.25
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD22	18	0.25
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD23	18	0.25
(4,1929)	1:10:A:ASN:HD21	1:81:A:GLU:H	12	0.25
(4,1929)	1:10:A:ASN:HD22	1:81:A:GLU:H	12	0.25
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	17	0.25
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	17	0.25
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	17	0.25
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	17	0.25
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	17	0.25
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	17	0.25
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	17	0.25
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	17	0.25
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	17	0.25
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	17	0.25
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	17	0.25
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	17	0.25
(4,1890)	1:58:A:ILE:HB	1:62:A:HIS:HE1	17	0.25
(4,1856)	1:72:A:PHE:H	1:72:A:PHE:HE1	14	0.25
(4,1856)	1:72:A:PHE:H	1:72:A:PHE:HE2	14	0.25
(4,1806)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	12	0.25
(4,1806)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	12	0.25
(4,1802)	1:9:A:PHE:HZ	1:11:A:ILE:HB	5	0.25
(4,1794)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	8	0.25
(4,1794)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	8	0.25
(4,1788)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	2	0.25
(4,1788)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	2	0.25
(4,1788)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	2	0.25
(4,1788)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	2	0.25
(4,1788)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	2	0.25
(4,1788)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	2	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1781)	1:97:A:ASP:HA	1:104:A:PHE:HE1	17	0.25
(4,1781)	1:97:A:ASP:HA	1:104:A:PHE:HE2	17	0.25
(4,1773)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	7	0.25
(4,1773)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	7	0.25
(4,1773)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	7	0.25
(4,1773)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	7	0.25
(4,1773)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	7	0.25
(4,1773)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	7	0.25
(4,1764)	1:80:A:TYR:HD1	1:81:A:GLU:HA	13	0.25
(4,1764)	1:80:A:TYR:HD2	1:81:A:GLU:HA	13	0.25
(4,1749)	1:63:A:ILE:HG21	1:116:A:GLN:HG2	17	0.25
(4,1749)	1:63:A:ILE:HG22	1:116:A:GLN:HG2	17	0.25
(4,1749)	1:63:A:ILE:HG23	1:116:A:GLN:HG2	17	0.25
(4,1747)	1:97:A:ASP:HA	1:105:A:LYS:HA	13	0.25
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD21	16	0.25
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD22	16	0.25
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD23	16	0.25
(4,1721)	1:31:A:PRO:HB2	1:35:A:LEU:HA	10	0.25
(4,1721)	1:31:A:PRO:HB3	1:35:A:LEU:HA	10	0.25
(4,1663)	1:69:A:MET:HA	1:109:A:PRO:HA	14	0.25
(4,1626)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	17	0.25
(4,1626)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	17	0.25
(4,1626)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	17	0.25
(4,1626)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	17	0.25
(4,1626)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	17	0.25
(4,1626)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	17	0.25
(4,1562)	1:101:A:ILE:HD11	1:112:A:GLN:HA	15	0.25
(4,1562)	1:101:A:ILE:HD12	1:112:A:GLN:HA	15	0.25
(4,1562)	1:101:A:ILE:HD13	1:112:A:GLN:HA	15	0.25
(4,1525)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	17	0.25
(4,1525)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	17	0.25
(4,1525)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	17	0.25
(4,1525)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	17	0.25
(4,1525)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	17	0.25
(4,1525)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	17	0.25
(4,1483)	1:43:A:MET:HE1	1:46:A:ASN:HD22	12	0.25
(4,1483)	1:43:A:MET:HE2	1:46:A:ASN:HD22	12	0.25
(4,1483)	1:43:A:MET:HE3	1:46:A:ASN:HD22	12	0.25
(4,1460)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	2	0.25
(4,1460)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	2	0.25
(4,1460)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	2	0.25
(4,1460)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	2	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1460)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	2	0.25
(4,1460)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	2	0.25
(4,1419)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	5	0.25
(4,1419)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	5	0.25
(4,1419)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	5	0.25
(4,1383)	1:132:A:ALA:HB1	1:133:A:ASN:HD22	19	0.25
(4,1383)	1:132:A:ALA:HB2	1:133:A:ASN:HD22	19	0.25
(4,1383)	1:132:A:ALA:HB3	1:133:A:ASN:HD22	19	0.25
(4,1271)	1:128:A:LEU:H	1:128:A:LEU:HD21	15	0.25
(4,1271)	1:128:A:LEU:H	1:128:A:LEU:HD22	15	0.25
(4,1271)	1:128:A:LEU:H	1:128:A:LEU:HD23	15	0.25
(4,1269)	1:128:A:LEU:HD21	1:129:A:LYS:H	3	0.25
(4,1269)	1:128:A:LEU:HD22	1:129:A:LYS:H	3	0.25
(4,1269)	1:128:A:LEU:HD23	1:129:A:LYS:H	3	0.25
(4,1269)	1:128:A:LEU:HD21	1:129:A:LYS:H	4	0.25
(4,1269)	1:128:A:LEU:HD22	1:129:A:LYS:H	4	0.25
(4,1269)	1:128:A:LEU:HD23	1:129:A:LYS:H	4	0.25
(4,1267)	1:66:A:THR:HG21	1:70:A:LYS:H	14	0.25
(4,1267)	1:66:A:THR:HG22	1:70:A:LYS:H	14	0.25
(4,1267)	1:66:A:THR:HG23	1:70:A:LYS:H	14	0.25
(4,1236)	1:23:A:LEU:HD11	1:25:A:ALA:H	3	0.25
(4,1236)	1:23:A:LEU:HD12	1:25:A:ALA:H	3	0.25
(4,1236)	1:23:A:LEU:HD13	1:25:A:ALA:H	3	0.25
(4,1197)	1:110:A:MET:HA	1:113:A:PHE:HB2	3	0.25
(4,1197)	1:110:A:MET:HA	1:113:A:PHE:HB2	6	0.25
(4,1197)	1:110:A:MET:HA	1:113:A:PHE:HB2	12	0.25
(4,1149)	1:30:A:LEU:H	1:30:A:LEU:HD21	13	0.25
(4,1149)	1:30:A:LEU:H	1:30:A:LEU:HD22	13	0.25
(4,1149)	1:30:A:LEU:H	1:30:A:LEU:HD23	13	0.25
(4,1138)	1:37:A:LEU:HA	1:37:A:LEU:HD21	14	0.25
(4,1138)	1:37:A:LEU:HA	1:37:A:LEU:HD22	14	0.25
(4,1138)	1:37:A:LEU:HA	1:37:A:LEU:HD23	14	0.25
(4,986)	1:31:A:PRO:HA	1:32:A:GLY:H	3	0.25
(4,923)	1:81:A:GLU:HA	1:81:A:GLU:HG2	2	0.25
(4,923)	1:81:A:GLU:HA	1:81:A:GLU:HG3	2	0.25
(4,923)	1:81:A:GLU:HA	1:81:A:GLU:HG2	3	0.25
(4,923)	1:81:A:GLU:HA	1:81:A:GLU:HG3	3	0.25
(4,923)	1:81:A:GLU:HA	1:81:A:GLU:HG2	14	0.25
(4,923)	1:81:A:GLU:HA	1:81:A:GLU:HG3	14	0.25
(4,917)	1:125:A:THR:HB	1:128:A:LEU:HD11	6	0.25
(4,917)	1:125:A:THR:HB	1:128:A:LEU:HD12	6	0.25
(4,917)	1:125:A:THR:HB	1:128:A:LEU:HD13	6	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,864)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	3	0.25
(4,864)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	3	0.25
(4,864)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	3	0.25
(4,860)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	2	0.25
(4,847)	1:142:A:LYS:HE2	1:143:A:TRP:HD1	17	0.25
(4,847)	1:142:A:LYS:HE3	1:143:A:TRP:HD1	17	0.25
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD11	11	0.25
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD12	11	0.25
(4,781)	1:18:A:PHE:HZ	1:63:A:ILE:HD13	11	0.25
(4,776)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	10	0.25
(4,776)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	10	0.25
(4,776)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	10	0.25
(4,773)	1:11:A:ILE:HD11	1:15:A:ALA:H	15	0.25
(4,773)	1:11:A:ILE:HD12	1:15:A:ALA:H	15	0.25
(4,773)	1:11:A:ILE:HD13	1:15:A:ALA:H	15	0.25
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	11	0.25
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	11	0.25
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	11	0.25
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	11	0.25
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	11	0.25
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	11	0.25
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	11	0.25
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	11	0.25
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	11	0.25
(4,762)	1:69:A:MET:HG3	1:73:A:ILE:HD11	3	0.25
(4,762)	1:69:A:MET:HG3	1:73:A:ILE:HD12	3	0.25
(4,762)	1:69:A:MET:HG3	1:73:A:ILE:HD13	3	0.25
(4,573)	1:128:A:LEU:HD21	1:130:A:GLY:H	14	0.25
(4,573)	1:128:A:LEU:HD22	1:130:A:GLY:H	14	0.25
(4,573)	1:128:A:LEU:HD23	1:130:A:GLY:H	14	0.25
(4,429)	1:143:A:TRP:H	1:144:A:LEU:HD21	1	0.25
(4,429)	1:143:A:TRP:H	1:144:A:LEU:HD22	1	0.25
(4,429)	1:143:A:TRP:H	1:144:A:LEU:HD23	1	0.25
(4,401)	1:125:A:THR:H	1:128:A:LEU:HG	4	0.25
(4,363)	1:40:A:LEU:HB3	1:41:A:LYS:H	11	0.25
(4,260)	1:39:A:VAL:H	1:40:A:LEU:HB2	2	0.25
(4,34)	1:96:A:VAL:H	1:97:A:ASP:HB2	11	0.25
(4,34)	1:96:A:VAL:H	1:97:A:ASP:HB3	11	0.25
(4,31)	1:96:A:VAL:H	1:97:A:ASP:H	1	0.25
(3,2427)	1:125:A:THR:HB	1:128:A:LEU:HD11	5	0.25
(3,2427)	1:125:A:THR:HB	1:128:A:LEU:HD12	5	0.25
(3,2427)	1:125:A:THR:HB	1:128:A:LEU:HD13	5	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2427)	1:125:A:THR:HB	1:128:A:LEU:HD21	5	0.25
(3,2427)	1:125:A:THR:HB	1:128:A:LEU:HD22	5	0.25
(3,2427)	1:125:A:THR:HB	1:128:A:LEU:HD23	5	0.25
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	11	0.25
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	11	0.25
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	11	0.25
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	11	0.25
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	11	0.25
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	11	0.25
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD11	7	0.25
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD12	7	0.25
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD13	7	0.25
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD21	7	0.25
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD22	7	0.25
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD23	7	0.25
(3,2314)	1:96:A:VAL:HG11	1:97:A:ASP:H	17	0.25
(3,2314)	1:96:A:VAL:HG12	1:97:A:ASP:H	17	0.25
(3,2314)	1:96:A:VAL:HG13	1:97:A:ASP:H	17	0.25
(3,2314)	1:96:A:VAL:HG21	1:97:A:ASP:H	17	0.25
(3,2314)	1:96:A:VAL:HG22	1:97:A:ASP:H	17	0.25
(3,2314)	1:96:A:VAL:HG23	1:97:A:ASP:H	17	0.25
(3,2201)	1:53:A:THR:H	1:57:A:LEU:HD11	5	0.25
(3,2201)	1:53:A:THR:H	1:57:A:LEU:HD12	5	0.25
(3,2201)	1:53:A:THR:H	1:57:A:LEU:HD13	5	0.25
(3,2201)	1:53:A:THR:H	1:57:A:LEU:HD21	5	0.25
(3,2201)	1:53:A:THR:H	1:57:A:LEU:HD22	5	0.25
(3,2201)	1:53:A:THR:H	1:57:A:LEU:HD23	5	0.25
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD11	15	0.25
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD12	15	0.25
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD13	15	0.25
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD21	15	0.25
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD22	15	0.25
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD23	15	0.25
(3,2119)	1:38:A:GLU:H	1:139:A:LEU:HD11	13	0.25
(3,2119)	1:38:A:GLU:H	1:139:A:LEU:HD12	13	0.25
(3,2119)	1:38:A:GLU:H	1:139:A:LEU:HD13	13	0.25
(3,2119)	1:38:A:GLU:H	1:139:A:LEU:HD21	13	0.25
(3,2119)	1:38:A:GLU:H	1:139:A:LEU:HD22	13	0.25
(3,2119)	1:38:A:GLU:H	1:139:A:LEU:HD23	13	0.25
(3,2114)	1:36:A:PRO:HB3	1:39:A:VAL:HG11	2	0.25
(3,2114)	1:36:A:PRO:HB3	1:39:A:VAL:HG12	2	0.25
(3,2114)	1:36:A:PRO:HB3	1:39:A:VAL:HG13	2	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2114)	1:36:A:PRO:HB3	1:39:A:VAL:HG21	2	0.25
(3,2114)	1:36:A:PRO:HB3	1:39:A:VAL:HG22	2	0.25
(3,2114)	1:36:A:PRO:HB3	1:39:A:VAL:HG23	2	0.25
(3,2108)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	2	0.25
(3,2108)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	2	0.25
(3,2108)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	2	0.25
(3,2108)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	2	0.25
(3,2108)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	2	0.25
(3,2108)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	2	0.25
(3,2064)	1:23:A:LEU:HD11	1:24:A:ASP:H	1	0.25
(3,2064)	1:23:A:LEU:HD12	1:24:A:ASP:H	1	0.25
(3,2064)	1:23:A:LEU:HD13	1:24:A:ASP:H	1	0.25
(3,2064)	1:23:A:LEU:HD21	1:24:A:ASP:H	1	0.25
(3,2064)	1:23:A:LEU:HD22	1:24:A:ASP:H	1	0.25
(3,2064)	1:23:A:LEU:HD23	1:24:A:ASP:H	1	0.25
(3,2032)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	7	0.25
(3,2032)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	7	0.25
(3,2032)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	7	0.25
(3,2032)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	7	0.25
(3,2032)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	7	0.25
(3,2032)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	7	0.25
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	10	0.25
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	10	0.25
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	10	0.25
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	10	0.25
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	10	0.25
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	10	0.25
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	10	0.25
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	10	0.25
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	10	0.25
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	10	0.25
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	10	0.25
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	10	0.25
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	10	0.25
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	10	0.25
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	10	0.25
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	10	0.25
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	10	0.25
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	10	0.25
(3,1974)	1:10:A:ASN:HD21	1:81:A:GLU:H	12	0.25
(3,1974)	1:10:A:ASN:HD22	1:81:A:GLU:H	12	0.25
(3,1949)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	17	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1949)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	17	0.25
(3,1941)	1:58:A:ILE:HB	1:62:A:HIS:HE1	17	0.25
(3,1932)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	4	0.25
(3,1932)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	4	0.25
(3,1932)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	4	0.25
(3,1932)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	4	0.25
(3,1932)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	4	0.25
(3,1932)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	4	0.25
(3,1928)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	7	0.25
(3,1928)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	7	0.25
(3,1908)	1:72:A:PHE:H	1:72:A:PHE:HE1	14	0.25
(3,1908)	1:72:A:PHE:H	1:72:A:PHE:HE2	14	0.25
(3,1878)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	3	0.25
(3,1878)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	3	0.25
(3,1878)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	7	0.25
(3,1878)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	7	0.25
(3,1859)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	7	0.25
(3,1849)	1:9:A:PHE:HZ	1:11:A:ILE:HB	5	0.25
(3,1831)	1:97:A:ASP:HA	1:104:A:PHE:HE1	17	0.25
(3,1831)	1:97:A:ASP:HA	1:104:A:PHE:HE2	17	0.25
(3,1823)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	7	0.25
(3,1823)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	7	0.25
(3,1823)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	7	0.25
(3,1823)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	7	0.25
(3,1823)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	7	0.25
(3,1823)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	7	0.25
(3,1820)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	10	0.25
(3,1820)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	10	0.25
(3,1820)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	10	0.25
(3,1820)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	10	0.25
(3,1813)	1:80:A:TYR:HD1	1:81:A:GLU:HA	13	0.25
(3,1813)	1:80:A:TYR:HD2	1:81:A:GLU:HA	13	0.25
(3,1563)	1:76:A:ARG:HE	1:110:A:MET:HE1	13	0.25
(3,1563)	1:76:A:ARG:HE	1:110:A:MET:HE2	13	0.25
(3,1563)	1:76:A:ARG:HE	1:110:A:MET:HE3	13	0.25
(3,1543)	1:69:A:MET:HE1	1:116:A:GLN:HE22	19	0.25
(3,1543)	1:69:A:MET:HE2	1:116:A:GLN:HE22	19	0.25
(3,1543)	1:69:A:MET:HE3	1:116:A:GLN:HE22	19	0.25
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD11	19	0.25
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD12	19	0.25
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD13	19	0.25
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD11	19	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD12	19	0.25
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD13	19	0.25
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD11	19	0.25
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD12	19	0.25
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD13	19	0.25
(3,1327)	1:11:A:ILE:HA	1:14:A:VAL:HG11	13	0.25
(3,1327)	1:11:A:ILE:HA	1:14:A:VAL:HG12	13	0.25
(3,1327)	1:11:A:ILE:HA	1:14:A:VAL:HG13	13	0.25
(3,1260)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	2	0.25
(3,1260)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	2	0.25
(3,1260)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	2	0.25
(3,1247)	1:144:A:LEU:HA	1:144:A:LEU:HD21	16	0.25
(3,1247)	1:144:A:LEU:HA	1:144:A:LEU:HD22	16	0.25
(3,1247)	1:144:A:LEU:HA	1:144:A:LEU:HD23	16	0.25
(3,1224)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	12	0.25
(3,1224)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	12	0.25
(3,1224)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	12	0.25
(3,1215)	1:40:A:LEU:HB3	1:40:A:LEU:HD11	13	0.25
(3,1215)	1:40:A:LEU:HB3	1:40:A:LEU:HD12	13	0.25
(3,1215)	1:40:A:LEU:HB3	1:40:A:LEU:HD13	13	0.25
(3,1215)	1:40:A:LEU:HB3	1:40:A:LEU:HD11	19	0.25
(3,1215)	1:40:A:LEU:HB3	1:40:A:LEU:HD12	19	0.25
(3,1215)	1:40:A:LEU:HB3	1:40:A:LEU:HD13	19	0.25
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD11	10	0.25
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD12	10	0.25
(3,1158)	1:43:A:MET:HE1	1:144:A:LEU:HD13	10	0.25
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD11	10	0.25
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD12	10	0.25
(3,1158)	1:43:A:MET:HE2	1:144:A:LEU:HD13	10	0.25
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD11	10	0.25
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD12	10	0.25
(3,1158)	1:43:A:MET:HE3	1:144:A:LEU:HD13	10	0.25
(3,1053)	1:63:A:ILE:H	1:63:A:ILE:HG12	17	0.25
(3,1016)	1:31:A:PRO:HA	1:32:A:GLY:H	3	0.25
(3,973)	1:96:A:VAL:HB	1:97:A:ASP:H	17	0.25
(3,916)	1:21:A:THR:HB	1:23:A:LEU:H	11	0.25
(3,878)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	2	0.25
(3,846)	1:114:A:ILE:HA	1:114:A:ILE:HD11	16	0.25
(3,846)	1:114:A:ILE:HA	1:114:A:ILE:HD12	16	0.25
(3,846)	1:114:A:ILE:HA	1:114:A:ILE:HD13	16	0.25
(3,836)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	2	0.25
(3,836)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	2	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,836)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	2	0.25
(3,836)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	2	0.25
(3,836)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	2	0.25
(3,836)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	2	0.25
(3,836)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	2	0.25
(3,836)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	2	0.25
(3,836)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	2	0.25
(3,809)	1:63:A:ILE:HD11	1:117:A:VAL:HB	7	0.25
(3,809)	1:63:A:ILE:HD12	1:117:A:VAL:HB	7	0.25
(3,809)	1:63:A:ILE:HD13	1:117:A:VAL:HB	7	0.25
(3,796)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	3	0.25
(3,796)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	3	0.25
(3,796)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	3	0.25
(3,796)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	3	0.25
(3,796)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	3	0.25
(3,796)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	3	0.25
(3,795)	1:11:A:ILE:HD11	1:15:A:ALA:H	15	0.25
(3,795)	1:11:A:ILE:HD12	1:15:A:ALA:H	15	0.25
(3,795)	1:11:A:ILE:HD13	1:15:A:ALA:H	15	0.25
(3,717)	1:23:A:LEU:HD11	1:27:A:ARG:HE	7	0.25
(3,717)	1:23:A:LEU:HD12	1:27:A:ARG:HE	7	0.25
(3,717)	1:23:A:LEU:HD13	1:27:A:ARG:HE	7	0.25
(3,678)	1:116:A:GLN:HG3	1:117:A:VAL:H	16	0.25
(3,657)	1:66:A:THR:H	1:70:A:LYS:H	9	0.25
(3,633)	1:57:A:LEU:H	1:58:A:ILE:HD11	6	0.25
(3,633)	1:57:A:LEU:H	1:58:A:ILE:HD12	6	0.25
(3,633)	1:57:A:LEU:H	1:58:A:ILE:HD13	6	0.25
(3,530)	1:70:A:LYS:HB2	1:72:A:PHE:H	9	0.25
(3,530)	1:70:A:LYS:HB3	1:72:A:PHE:H	9	0.25
(3,441)	1:143:A:TRP:H	1:144:A:LEU:HD21	1	0.25
(3,441)	1:143:A:TRP:H	1:144:A:LEU:HD22	1	0.25
(3,441)	1:143:A:TRP:H	1:144:A:LEU:HD23	1	0.25
(3,413)	1:125:A:THR:H	1:128:A:LEU:HG	4	0.25
(3,264)	1:39:A:VAL:H	1:40:A:LEU:HB2	12	0.25
(3,178)	1:8:A:ASP:H	1:58:A:ILE:HD11	19	0.25
(3,178)	1:8:A:ASP:H	1:58:A:ILE:HD12	19	0.25
(3,178)	1:8:A:ASP:H	1:58:A:ILE:HD13	19	0.25
(3,175)	1:8:A:ASP:H	1:58:A:ILE:HG13	9	0.25
(3,175)	1:8:A:ASP:H	1:58:A:ILE:HG13	15	0.25
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD11	13	0.25
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD12	13	0.25
(3,108)	1:69:A:MET:H	1:73:A:ILE:HD13	13	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,7)	1:39:A:VAL:HG11	1:143:A:TRP:HE1	12	0.25
(3,7)	1:39:A:VAL:HG12	1:143:A:TRP:HE1	12	0.25
(3,7)	1:39:A:VAL:HG13	1:143:A:TRP:HE1	12	0.25
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG11	12	0.25
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG12	12	0.25
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG13	12	0.25
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG21	12	0.25
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG22	12	0.25
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG23	12	0.25
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG11	12	0.25
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG12	12	0.25
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG13	12	0.25
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG21	12	0.25
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG22	12	0.25
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG23	12	0.25
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG11	12	0.25
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG12	12	0.25
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG13	12	0.25
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG21	12	0.25
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG22	12	0.25
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG23	12	0.25
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG11	12	0.25
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG12	12	0.25
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG13	12	0.25
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG21	12	0.25
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG22	12	0.25
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG23	12	0.25
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG11	12	0.25
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG12	12	0.25
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG13	12	0.25
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG21	12	0.25
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG22	12	0.25
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG23	12	0.25
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG11	12	0.25
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG12	12	0.25
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG13	12	0.25
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG21	12	0.25
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG22	12	0.25
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG23	12	0.25
(2,2347)	1:107:A:LEU:HA	1:108:A:GLU:HG2	8	0.25
(2,2347)	1:107:A:LEU:HA	1:108:A:GLU:HG3	8	0.25
(2,2297)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	15	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2297)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	15	0.25
(2,2275)	1:70:A:LYS:HG2	1:71:A:LYS:H	13	0.25
(2,2275)	1:70:A:LYS:HG3	1:71:A:LYS:H	13	0.25
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD11	14	0.25
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD12	14	0.25
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD13	14	0.25
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD11	14	0.25
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD12	14	0.25
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD13	14	0.25
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD11	14	0.25
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD12	14	0.25
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD13	14	0.25
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD11	14	0.25
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD12	14	0.25
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD13	14	0.25
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD11	14	0.25
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD12	14	0.25
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD13	14	0.25
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD11	14	0.25
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD12	14	0.25
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD13	14	0.25
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD21	14	0.25
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD22	14	0.25
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD23	14	0.25
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD21	14	0.25
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD22	14	0.25
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD23	14	0.25
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD21	14	0.25
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD22	14	0.25
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD23	14	0.25
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD21	14	0.25
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD22	14	0.25
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD23	14	0.25
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD21	14	0.25
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD22	14	0.25
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD23	14	0.25
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD21	14	0.25
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD22	14	0.25
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD23	14	0.25
(2,2123)	1:39:A:VAL:HG11	1:43:A:MET:H	4	0.25
(2,2123)	1:39:A:VAL:HG12	1:43:A:MET:H	4	0.25
(2,2123)	1:39:A:VAL:HG13	1:43:A:MET:H	4	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2123)	1:39:A:VAL:HG21	1:43:A:MET:H	4	0.25
(2,2123)	1:39:A:VAL:HG22	1:43:A:MET:H	4	0.25
(2,2123)	1:39:A:VAL:HG23	1:43:A:MET:H	4	0.25
(2,2102)	1:36:A:PRO:HB3	1:39:A:VAL:HG11	2	0.25
(2,2102)	1:36:A:PRO:HB3	1:39:A:VAL:HG12	2	0.25
(2,2102)	1:36:A:PRO:HB3	1:39:A:VAL:HG13	2	0.25
(2,2102)	1:36:A:PRO:HB3	1:39:A:VAL:HG21	2	0.25
(2,2102)	1:36:A:PRO:HB3	1:39:A:VAL:HG22	2	0.25
(2,2102)	1:36:A:PRO:HB3	1:39:A:VAL:HG23	2	0.25
(2,2092)	1:35:A:LEU:HD11	1:39:A:VAL:HB	14	0.25
(2,2092)	1:35:A:LEU:HD12	1:39:A:VAL:HB	14	0.25
(2,2092)	1:35:A:LEU:HD13	1:39:A:VAL:HB	14	0.25
(2,2092)	1:35:A:LEU:HD21	1:39:A:VAL:HB	14	0.25
(2,2092)	1:35:A:LEU:HD22	1:39:A:VAL:HB	14	0.25
(2,2092)	1:35:A:LEU:HD23	1:39:A:VAL:HB	14	0.25
(2,2054)	1:23:A:LEU:HD11	1:24:A:ASP:H	5	0.25
(2,2054)	1:23:A:LEU:HD12	1:24:A:ASP:H	5	0.25
(2,2054)	1:23:A:LEU:HD13	1:24:A:ASP:H	5	0.25
(2,2054)	1:23:A:LEU:HD21	1:24:A:ASP:H	5	0.25
(2,2054)	1:23:A:LEU:HD22	1:24:A:ASP:H	5	0.25
(2,2054)	1:23:A:LEU:HD23	1:24:A:ASP:H	5	0.25
(2,2013)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	4	0.25
(2,2013)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	4	0.25
(2,2013)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	4	0.25
(2,2013)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	4	0.25
(2,2013)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	4	0.25
(2,2013)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	4	0.25
(2,2012)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	14	0.25
(2,2012)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	14	0.25
(2,2012)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	14	0.25
(2,2012)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	14	0.25
(2,2012)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	14	0.25
(2,2012)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	14	0.25
(2,2012)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	14	0.25
(2,2012)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	14	0.25
(2,2012)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	14	0.25
(2,2012)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	14	0.25
(2,2012)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	14	0.25
(2,2012)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	14	0.25
(2,2008)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	16	0.25
(2,2008)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	16	0.25
(2,2008)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	16	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2008)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	16	0.25
(2,2008)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	16	0.25
(2,2008)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	16	0.25
(2,2008)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	16	0.25
(2,2008)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	16	0.25
(2,2008)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	16	0.25
(2,2008)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	16	0.25
(2,2008)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	16	0.25
(2,2008)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	16	0.25
(2,2008)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	16	0.25
(2,2008)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	16	0.25
(2,2008)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	16	0.25
(2,2008)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	16	0.25
(2,2008)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	16	0.25
(2,2008)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	16	0.25
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	10	0.25
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	10	0.25
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	10	0.25
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	10	0.25
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	10	0.25
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	10	0.25
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	10	0.25
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	10	0.25
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	10	0.25
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	10	0.25
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	10	0.25
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	10	0.25
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	10	0.25
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	10	0.25
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	10	0.25
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	10	0.25
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	10	0.25
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	10	0.25
(2,1941)	1:58:A:ILE:HB	1:62:A:HIS:HE1	17	0.25
(2,1877)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	12	0.25
(2,1877)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	12	0.25
(2,1877)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	12	0.25
(2,1877)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	12	0.25
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	9	0.25
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	9	0.25
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	9	0.25
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	9	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1828)	1:97:A:ASP:HA	1:104:A:PHE:HE1	17	0.25
(2,1828)	1:97:A:ASP:HA	1:104:A:PHE:HE2	17	0.25
(2,1814)	1:13:A:ALA:HA	1:80:A:TYR:HD1	6	0.25
(2,1814)	1:13:A:ALA:HA	1:80:A:TYR:HD2	6	0.25
(2,1787)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	19	0.25
(2,1787)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	19	0.25
(2,1787)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	19	0.25
(2,1786)	1:97:A:ASP:HA	1:105:A:LYS:HA	13	0.25
(2,1702)	1:69:A:MET:HG3	1:109:A:PRO:HA	5	0.25
(2,1644)	1:13:A:ALA:HA	1:80:A:TYR:HB3	14	0.25
(2,1624)	1:126:A:GLY:H	1:128:A:LEU:HD11	9	0.25
(2,1624)	1:126:A:GLY:H	1:128:A:LEU:HD12	9	0.25
(2,1624)	1:126:A:GLY:H	1:128:A:LEU:HD13	9	0.25
(2,1535)	1:76:A:ARG:HG2	1:110:A:MET:HE1	2	0.25
(2,1535)	1:76:A:ARG:HG2	1:110:A:MET:HE2	2	0.25
(2,1535)	1:76:A:ARG:HG2	1:110:A:MET:HE3	2	0.25
(2,1535)	1:76:A:ARG:HG3	1:110:A:MET:HE1	2	0.25
(2,1535)	1:76:A:ARG:HG3	1:110:A:MET:HE2	2	0.25
(2,1535)	1:76:A:ARG:HG3	1:110:A:MET:HE3	2	0.25
(2,1535)	1:76:A:ARG:HG2	1:110:A:MET:HE1	17	0.25
(2,1535)	1:76:A:ARG:HG2	1:110:A:MET:HE2	17	0.25
(2,1535)	1:76:A:ARG:HG2	1:110:A:MET:HE3	17	0.25
(2,1535)	1:76:A:ARG:HG3	1:110:A:MET:HE1	17	0.25
(2,1535)	1:76:A:ARG:HG3	1:110:A:MET:HE2	17	0.25
(2,1535)	1:76:A:ARG:HG3	1:110:A:MET:HE3	17	0.25
(2,1533)	1:69:A:MET:HE1	1:76:A:ARG:HG2	10	0.25
(2,1533)	1:69:A:MET:HE1	1:76:A:ARG:HG3	10	0.25
(2,1533)	1:69:A:MET:HE2	1:76:A:ARG:HG2	10	0.25
(2,1533)	1:69:A:MET:HE2	1:76:A:ARG:HG3	10	0.25
(2,1533)	1:69:A:MET:HE3	1:76:A:ARG:HG2	10	0.25
(2,1533)	1:69:A:MET:HE3	1:76:A:ARG:HG3	10	0.25
(2,1520)	1:69:A:MET:HE1	1:116:A:GLN:HE21	12	0.25
(2,1520)	1:69:A:MET:HE2	1:116:A:GLN:HE21	12	0.25
(2,1520)	1:69:A:MET:HE3	1:116:A:GLN:HE21	12	0.25
(2,1512)	1:98:A:ILE:HG21	1:101:A:ILE:HB	16	0.25
(2,1512)	1:98:A:ILE:HG22	1:101:A:ILE:HB	16	0.25
(2,1512)	1:98:A:ILE:HG23	1:101:A:ILE:HB	16	0.25
(2,1475)	1:45:A:ALA:HB1	1:47:A:ALA:H	16	0.25
(2,1475)	1:45:A:ALA:HB2	1:47:A:ALA:H	16	0.25
(2,1475)	1:45:A:ALA:HB3	1:47:A:ALA:H	16	0.25
(2,1395)	1:19:A:ALA:HB1	1:21:A:THR:HG21	8	0.25
(2,1395)	1:19:A:ALA:HB1	1:21:A:THR:HG22	8	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1395)	1:19:A:ALA:HB1	1:21:A:THR:HG23	8	0.25
(2,1395)	1:19:A:ALA:HB2	1:21:A:THR:HG21	8	0.25
(2,1395)	1:19:A:ALA:HB2	1:21:A:THR:HG22	8	0.25
(2,1395)	1:19:A:ALA:HB2	1:21:A:THR:HG23	8	0.25
(2,1395)	1:19:A:ALA:HB3	1:21:A:THR:HG21	8	0.25
(2,1395)	1:19:A:ALA:HB3	1:21:A:THR:HG22	8	0.25
(2,1395)	1:19:A:ALA:HB3	1:21:A:THR:HG23	8	0.25
(2,1365)	1:118:A:ASP:HA	1:121:A:VAL:HG11	1	0.25
(2,1365)	1:118:A:ASP:HA	1:121:A:VAL:HG12	1	0.25
(2,1365)	1:118:A:ASP:HA	1:121:A:VAL:HG13	1	0.25
(2,1348)	1:125:A:THR:HG21	1:129:A:LYS:HB2	9	0.25
(2,1348)	1:125:A:THR:HG21	1:129:A:LYS:HB3	9	0.25
(2,1348)	1:125:A:THR:HG22	1:129:A:LYS:HB2	9	0.25
(2,1348)	1:125:A:THR:HG22	1:129:A:LYS:HB3	9	0.25
(2,1348)	1:125:A:THR:HG23	1:129:A:LYS:HB2	9	0.25
(2,1348)	1:125:A:THR:HG23	1:129:A:LYS:HB3	9	0.25
(2,1293)	1:18:A:PHE:HZ	1:60:A:LEU:HD21	13	0.25
(2,1293)	1:18:A:PHE:HZ	1:60:A:LEU:HD22	13	0.25
(2,1293)	1:18:A:PHE:HZ	1:60:A:LEU:HD23	13	0.25
(2,1290)	1:128:A:LEU:H	1:128:A:LEU:HD21	15	0.25
(2,1290)	1:128:A:LEU:H	1:128:A:LEU:HD22	15	0.25
(2,1290)	1:128:A:LEU:H	1:128:A:LEU:HD23	15	0.25
(2,1256)	1:23:A:LEU:HD11	1:25:A:ALA:H	3	0.25
(2,1256)	1:23:A:LEU:HD12	1:25:A:ALA:H	3	0.25
(2,1256)	1:23:A:LEU:HD13	1:25:A:ALA:H	3	0.25
(2,1245)	1:37:A:LEU:HD11	1:38:A:GLU:HA	10	0.25
(2,1245)	1:37:A:LEU:HD12	1:38:A:GLU:HA	10	0.25
(2,1245)	1:37:A:LEU:HD13	1:38:A:GLU:HA	10	0.25
(2,1194)	1:140:A:LEU:HA	1:144:A:LEU:HD21	10	0.25
(2,1194)	1:140:A:LEU:HA	1:144:A:LEU:HD22	10	0.25
(2,1194)	1:140:A:LEU:HA	1:144:A:LEU:HD23	10	0.25
(2,1125)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	4	0.25
(2,1125)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	4	0.25
(2,1125)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	4	0.25
(2,1125)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	4	0.25
(2,1125)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	4	0.25
(2,1125)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	4	0.25
(2,1056)	1:71:A:LYS:HG3	1:72:A:PHE:HA	2	0.25
(2,1010)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	6	0.25
(2,1010)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	6	0.25
(2,1010)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	13	0.25
(2,1010)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	13	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,942)	1:39:A:VAL:HA	1:43:A:MET:HG2	1	0.25
(2,919)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	18	0.25
(2,919)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	18	0.25
(2,919)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	18	0.25
(2,919)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	18	0.25
(2,913)	1:125:A:THR:HB	1:128:A:LEU:HD11	6	0.25
(2,913)	1:125:A:THR:HB	1:128:A:LEU:HD12	6	0.25
(2,913)	1:125:A:THR:HB	1:128:A:LEU:HD13	6	0.25
(2,910)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	4	0.25
(2,910)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	4	0.25
(2,910)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	4	0.25
(2,827)	1:114:A:ILE:HA	1:114:A:ILE:HD11	16	0.25
(2,827)	1:114:A:ILE:HA	1:114:A:ILE:HD12	16	0.25
(2,827)	1:114:A:ILE:HA	1:114:A:ILE:HD13	16	0.25
(2,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	3	0.25
(2,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	3	0.25
(2,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	3	0.25
(2,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	3	0.25
(2,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	3	0.25
(2,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	3	0.25
(2,777)	1:11:A:ILE:HD11	1:15:A:ALA:H	15	0.25
(2,777)	1:11:A:ILE:HD12	1:15:A:ALA:H	15	0.25
(2,777)	1:11:A:ILE:HD13	1:15:A:ALA:H	15	0.25
(2,774)	1:101:A:ILE:HD11	1:119:A:LEU:HG	1	0.25
(2,774)	1:101:A:ILE:HD12	1:119:A:LEU:HG	1	0.25
(2,774)	1:101:A:ILE:HD13	1:119:A:LEU:HG	1	0.25
(2,756)	1:53:A:THR:H	1:53:A:THR:HG21	19	0.25
(2,756)	1:53:A:THR:H	1:53:A:THR:HG22	19	0.25
(2,756)	1:53:A:THR:H	1:53:A:THR:HG23	19	0.25
(2,712)	1:9:A:PHE:HD1	1:54:A:ARG:HE	11	0.25
(2,712)	1:9:A:PHE:HD2	1:54:A:ARG:HE	11	0.25
(2,685)	1:145:A:PRO:HB3	1:148:A:CYS:H	18	0.25
(2,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	12	0.25
(2,552)	1:124:A:THR:H	1:128:A:LEU:HD11	13	0.25
(2,552)	1:124:A:THR:H	1:128:A:LEU:HD12	13	0.25
(2,552)	1:124:A:THR:H	1:128:A:LEU:HD13	13	0.25
(2,527)	1:70:A:LYS:HB2	1:72:A:PHE:H	9	0.25
(2,527)	1:70:A:LYS:HB3	1:72:A:PHE:H	9	0.25
(2,436)	1:143:A:TRP:H	1:144:A:LEU:HD21	1	0.25
(2,436)	1:143:A:TRP:H	1:144:A:LEU:HD22	1	0.25
(2,436)	1:143:A:TRP:H	1:144:A:LEU:HD23	1	0.25
(2,368)	1:132:A:ALA:H	1:133:A:ASN:HD22	11	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,245)	1:58:A:ILE:H	1:58:A:ILE:HG13	10	0.25
(2,236)	1:47:A:ALA:HB1	1:50:A:ALA:H	8	0.25
(2,236)	1:47:A:ALA:HB2	1:50:A:ALA:H	8	0.25
(2,236)	1:47:A:ALA:HB3	1:50:A:ALA:H	8	0.25
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD11	13	0.25
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD12	13	0.25
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD13	13	0.25
(2,174)	1:8:A:ASP:H	1:58:A:ILE:HG13	9	0.25
(2,174)	1:8:A:ASP:H	1:58:A:ILE:HG13	15	0.25
(2,142)	1:59:A:CYS:H	1:60:A:LEU:HD21	11	0.25
(2,142)	1:59:A:CYS:H	1:60:A:LEU:HD22	11	0.25
(2,142)	1:59:A:CYS:H	1:60:A:LEU:HD23	11	0.25
(2,117)	1:10:A:ASN:HD22	1:80:A:TYR:H	15	0.25
(2,67)	1:13:A:ALA:HB1	1:81:A:GLU:H	3	0.25
(2,67)	1:13:A:ALA:HB2	1:81:A:GLU:H	3	0.25
(2,67)	1:13:A:ALA:HB3	1:81:A:GLU:H	3	0.25
(2,31)	1:96:A:VAL:H	1:97:A:ASP:HB2	11	0.25
(2,31)	1:96:A:VAL:H	1:97:A:ASP:HB3	11	0.25
(1,2426)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	1	0.25
(1,2426)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	1	0.25
(1,2426)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	1	0.25
(1,2426)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	1	0.25
(1,2426)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	1	0.25
(1,2426)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	1	0.25
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	16	0.25
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	16	0.25
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	16	0.25
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	16	0.25
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	16	0.25
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	16	0.25
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	16	0.25
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	16	0.25
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	16	0.25
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	16	0.25
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	16	0.25
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	16	0.25
(1,2368)	1:125:A:THR:HB	1:128:A:LEU:HD11	5	0.25
(1,2368)	1:125:A:THR:HB	1:128:A:LEU:HD12	5	0.25
(1,2368)	1:125:A:THR:HB	1:128:A:LEU:HD13	5	0.25
(1,2368)	1:125:A:THR:HB	1:128:A:LEU:HD21	5	0.25
(1,2368)	1:125:A:THR:HB	1:128:A:LEU:HD22	5	0.25
(1,2368)	1:125:A:THR:HB	1:128:A:LEU:HD23	5	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2328)	1:113:A:PHE:HE1	1:114:A:ILE:HG12	3	0.25
(1,2328)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	3	0.25
(1,2328)	1:113:A:PHE:HE2	1:114:A:ILE:HG12	3	0.25
(1,2328)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	3	0.25
(1,2328)	1:113:A:PHE:HE1	1:114:A:ILE:HG12	5	0.25
(1,2328)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	5	0.25
(1,2328)	1:113:A:PHE:HE2	1:114:A:ILE:HG12	5	0.25
(1,2328)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	5	0.25
(1,2328)	1:113:A:PHE:HE1	1:114:A:ILE:HG12	17	0.25
(1,2328)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	17	0.25
(1,2328)	1:113:A:PHE:HE2	1:114:A:ILE:HG12	17	0.25
(1,2328)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	17	0.25
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	10	0.25
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	10	0.25
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	10	0.25
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	10	0.25
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	10	0.25
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	10	0.25
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD11	18	0.25
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD12	18	0.25
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD13	18	0.25
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD21	18	0.25
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD22	18	0.25
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD23	18	0.25
(1,2255)	1:81:A:GLU:H	1:81:A:GLU:HB2	8	0.25
(1,2255)	1:81:A:GLU:H	1:81:A:GLU:HB3	8	0.25
(1,2155)	1:53:A:THR:H	1:57:A:LEU:HD11	5	0.25
(1,2155)	1:53:A:THR:H	1:57:A:LEU:HD12	5	0.25
(1,2155)	1:53:A:THR:H	1:57:A:LEU:HD13	5	0.25
(1,2155)	1:53:A:THR:H	1:57:A:LEU:HD21	5	0.25
(1,2155)	1:53:A:THR:H	1:57:A:LEU:HD22	5	0.25
(1,2155)	1:53:A:THR:H	1:57:A:LEU:HD23	5	0.25
(1,2102)	1:39:A:VAL:HG11	1:43:A:MET:H	7	0.25
(1,2102)	1:39:A:VAL:HG12	1:43:A:MET:H	7	0.25
(1,2102)	1:39:A:VAL:HG13	1:43:A:MET:H	7	0.25
(1,2102)	1:39:A:VAL:HG21	1:43:A:MET:H	7	0.25
(1,2102)	1:39:A:VAL:HG22	1:43:A:MET:H	7	0.25
(1,2102)	1:39:A:VAL:HG23	1:43:A:MET:H	7	0.25
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD11	2	0.25
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD12	2	0.25
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD13	2	0.25
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD21	2	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD22	2	0.25
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD23	2	0.25
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD11	3	0.25
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD12	3	0.25
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD13	3	0.25
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD21	3	0.25
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD22	3	0.25
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD23	3	0.25
(1,2082)	1:36:A:PRO:HB3	1:39:A:VAL:HG11	2	0.25
(1,2082)	1:36:A:PRO:HB3	1:39:A:VAL:HG12	2	0.25
(1,2082)	1:36:A:PRO:HB3	1:39:A:VAL:HG13	2	0.25
(1,2082)	1:36:A:PRO:HB3	1:39:A:VAL:HG21	2	0.25
(1,2082)	1:36:A:PRO:HB3	1:39:A:VAL:HG22	2	0.25
(1,2082)	1:36:A:PRO:HB3	1:39:A:VAL:HG23	2	0.25
(1,2078)	1:35:A:LEU:HD11	1:144:A:LEU:H	2	0.25
(1,2078)	1:35:A:LEU:HD12	1:144:A:LEU:H	2	0.25
(1,2078)	1:35:A:LEU:HD13	1:144:A:LEU:H	2	0.25
(1,2078)	1:35:A:LEU:HD21	1:144:A:LEU:H	2	0.25
(1,2078)	1:35:A:LEU:HD22	1:144:A:LEU:H	2	0.25
(1,2078)	1:35:A:LEU:HD23	1:144:A:LEU:H	2	0.25
(1,2057)	1:31:A:PRO:HD2	1:144:A:LEU:HA	4	0.25
(1,2057)	1:31:A:PRO:HD3	1:144:A:LEU:HA	4	0.25
(1,1968)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	16	0.25
(1,1968)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	16	0.25
(1,1968)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	16	0.25
(1,1968)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	16	0.25
(1,1968)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	16	0.25
(1,1968)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	16	0.25
(1,1968)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	16	0.25
(1,1968)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	16	0.25
(1,1968)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	16	0.25
(1,1968)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	16	0.25
(1,1968)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	16	0.25
(1,1968)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	16	0.25
(1,1968)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	16	0.25
(1,1968)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	16	0.25
(1,1968)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	16	0.25
(1,1968)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	16	0.25
(1,1968)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	16	0.25
(1,1968)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	16	0.25
(1,1940)	1:9:A:PHE:HE1	1:14:A:VAL:HG11	16	0.25
(1,1940)	1:9:A:PHE:HE1	1:14:A:VAL:HG12	16	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1940)	1:9:A:PHE:HE1	1:14:A:VAL:HG13	16	0.25
(1,1940)	1:9:A:PHE:HE1	1:14:A:VAL:HG21	16	0.25
(1,1940)	1:9:A:PHE:HE1	1:14:A:VAL:HG22	16	0.25
(1,1940)	1:9:A:PHE:HE1	1:14:A:VAL:HG23	16	0.25
(1,1940)	1:9:A:PHE:HE2	1:14:A:VAL:HG11	16	0.25
(1,1940)	1:9:A:PHE:HE2	1:14:A:VAL:HG12	16	0.25
(1,1940)	1:9:A:PHE:HE2	1:14:A:VAL:HG13	16	0.25
(1,1940)	1:9:A:PHE:HE2	1:14:A:VAL:HG21	16	0.25
(1,1940)	1:9:A:PHE:HE2	1:14:A:VAL:HG22	16	0.25
(1,1940)	1:9:A:PHE:HE2	1:14:A:VAL:HG23	16	0.25
(1,1934)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	17	0.25
(1,1934)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	17	0.25
(1,1929)	1:58:A:ILE:HB	1:62:A:HIS:HE1	17	0.25
(1,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	4	0.25
(1,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	4	0.25
(1,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	4	0.25
(1,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	4	0.25
(1,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	4	0.25
(1,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	4	0.25
(1,1916)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	11	0.25
(1,1916)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	11	0.25
(1,1916)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	11	0.25
(1,1916)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	11	0.25
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE1	14	0.25
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE2	14	0.25
(1,1895)	1:72:A:PHE:H	1:72:A:PHE:HE1	14	0.25
(1,1895)	1:72:A:PHE:H	1:72:A:PHE:HE2	14	0.25
(1,1881)	1:9:A:PHE:HE1	1:14:A:VAL:HB	12	0.25
(1,1881)	1:9:A:PHE:HE2	1:14:A:VAL:HB	12	0.25
(1,1879)	1:113:A:PHE:HE1	1:114:A:ILE:HA	5	0.25
(1,1879)	1:113:A:PHE:HE2	1:114:A:ILE:HA	5	0.25
(1,1865)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	3	0.25
(1,1865)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	3	0.25
(1,1865)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	7	0.25
(1,1865)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	7	0.25
(1,1861)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	18	0.25
(1,1861)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	18	0.25
(1,1861)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	18	0.25
(1,1861)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	18	0.25
(1,1848)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	12	0.25
(1,1848)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	12	0.25
(1,1842)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	7	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1833)	1:9:A:PHE:HZ	1:11:A:ILE:HB	5	0.25
(1,1818)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	2	0.25
(1,1818)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	2	0.25
(1,1818)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	2	0.25
(1,1818)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	2	0.25
(1,1818)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	2	0.25
(1,1818)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	2	0.25
(1,1814)	1:97:A:ASP:HA	1:104:A:PHE:HE1	17	0.25
(1,1814)	1:97:A:ASP:HA	1:104:A:PHE:HE2	17	0.25
(1,1796)	1:80:A:TYR:HD1	1:81:A:GLU:HA	13	0.25
(1,1796)	1:80:A:TYR:HD2	1:81:A:GLU:HA	13	0.25
(1,1670)	1:69:A:MET:HE1	1:116:A:GLN:HE21	4	0.25
(1,1670)	1:69:A:MET:HE2	1:116:A:GLN:HE21	4	0.25
(1,1670)	1:69:A:MET:HE3	1:116:A:GLN:HE21	4	0.25
(1,1660)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	17	0.25
(1,1660)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	17	0.25
(1,1660)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	17	0.25
(1,1660)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	17	0.25
(1,1660)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	17	0.25
(1,1660)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	17	0.25
(1,1640)	1:79:A:THR:H	1:80:A:TYR:HA	16	0.25
(1,1603)	1:98:A:ILE:HG21	1:104:A:PHE:HE1	7	0.25
(1,1603)	1:98:A:ILE:HG21	1:104:A:PHE:HE2	7	0.25
(1,1603)	1:98:A:ILE:HG22	1:104:A:PHE:HE1	7	0.25
(1,1603)	1:98:A:ILE:HG22	1:104:A:PHE:HE2	7	0.25
(1,1603)	1:98:A:ILE:HG23	1:104:A:PHE:HE1	7	0.25
(1,1603)	1:98:A:ILE:HG23	1:104:A:PHE:HE2	7	0.25
(1,1545)	1:69:A:MET:HE1	1:109:A:PRO:HB2	19	0.25
(1,1545)	1:69:A:MET:HE1	1:109:A:PRO:HB3	19	0.25
(1,1545)	1:69:A:MET:HE2	1:109:A:PRO:HB2	19	0.25
(1,1545)	1:69:A:MET:HE2	1:109:A:PRO:HB3	19	0.25
(1,1545)	1:69:A:MET:HE3	1:109:A:PRO:HB2	19	0.25
(1,1545)	1:69:A:MET:HE3	1:109:A:PRO:HB3	19	0.25
(1,1542)	1:110:A:MET:HE1	1:114:A:ILE:HA	4	0.25
(1,1542)	1:110:A:MET:HE2	1:114:A:ILE:HA	4	0.25
(1,1542)	1:110:A:MET:HE3	1:114:A:ILE:HA	4	0.25
(1,1515)	1:40:A:LEU:HA	1:43:A:MET:HE1	1	0.25
(1,1515)	1:40:A:LEU:HA	1:43:A:MET:HE2	1	0.25
(1,1515)	1:40:A:LEU:HA	1:43:A:MET:HE3	1	0.25
(1,1406)	1:132:A:ALA:HB1	1:133:A:ASN:HD22	19	0.25
(1,1406)	1:132:A:ALA:HB2	1:133:A:ASN:HD22	19	0.25
(1,1406)	1:132:A:ALA:HB3	1:133:A:ASN:HD22	19	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1272)	1:15:A:ALA:HA	1:131:A:LEU:HB2	16	0.25
(1,1095)	1:45:A:ALA:HA	1:48:A:ARG:HG2	14	0.25
(1,1095)	1:45:A:ALA:HA	1:48:A:ARG:HG3	14	0.25
(1,1095)	1:45:A:ALA:HA	1:48:A:ARG:HG2	19	0.25
(1,1095)	1:45:A:ALA:HA	1:48:A:ARG:HG3	19	0.25
(1,1028)	1:66:A:THR:HG21	1:96:A:VAL:HA	16	0.25
(1,1028)	1:66:A:THR:HG22	1:96:A:VAL:HA	16	0.25
(1,1028)	1:66:A:THR:HG23	1:96:A:VAL:HA	16	0.25
(1,1013)	1:12:A:VAL:HB	1:43:A:MET:HE1	3	0.25
(1,1013)	1:12:A:VAL:HB	1:43:A:MET:HE2	3	0.25
(1,1013)	1:12:A:VAL:HB	1:43:A:MET:HE3	3	0.25
(1,984)	1:11:A:ILE:HD11	1:43:A:MET:HB3	15	0.25
(1,984)	1:11:A:ILE:HD12	1:43:A:MET:HB3	15	0.25
(1,984)	1:11:A:ILE:HD13	1:43:A:MET:HB3	15	0.25
(1,978)	1:66:A:THR:H	1:96:A:VAL:HB	16	0.25
(1,972)	1:40:A:LEU:HA	1:43:A:MET:HG2	18	0.25
(1,952)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	18	0.25
(1,952)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	18	0.25
(1,952)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	18	0.25
(1,952)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	18	0.25
(1,837)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	2	0.25
(1,837)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	2	0.25
(1,837)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	2	0.25
(1,837)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	2	0.25
(1,837)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	2	0.25
(1,837)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	2	0.25
(1,837)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	2	0.25
(1,837)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	2	0.25
(1,837)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	2	0.25
(1,825)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	2	0.25
(1,825)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	2	0.25
(1,825)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	2	0.25
(1,797)	1:11:A:ILE:HD11	1:15:A:ALA:H	15	0.25
(1,797)	1:11:A:ILE:HD12	1:15:A:ALA:H	15	0.25
(1,797)	1:11:A:ILE:HD13	1:15:A:ALA:H	15	0.25
(1,774)	1:53:A:THR:H	1:53:A:THR:HG21	19	0.25
(1,774)	1:53:A:THR:H	1:53:A:THR:HG22	19	0.25
(1,774)	1:53:A:THR:H	1:53:A:THR:HG23	19	0.25
(1,737)	1:46:A:ASN:HA	1:50:A:ALA:H	10	0.25
(1,712)	1:23:A:LEU:HB2	1:25:A:ALA:H	7	0.25
(1,712)	1:23:A:LEU:HB3	1:25:A:ALA:H	7	0.25
(1,679)	1:116:A:GLN:HG3	1:117:A:VAL:H	16	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,637)	1:9:A:PHE:HE1	1:58:A:ILE:H	7	0.25
(1,637)	1:9:A:PHE:HE2	1:58:A:ILE:H	7	0.25
(1,530)	1:70:A:LYS:HB2	1:72:A:PHE:H	9	0.25
(1,530)	1:70:A:LYS:HB3	1:72:A:PHE:H	9	0.25
(1,434)	1:68:A:LYS:H	1:68:A:LYS:HE2	17	0.25
(1,434)	1:68:A:LYS:H	1:68:A:LYS:HE3	17	0.25
(1,396)	1:105:A:LYS:HD2	1:106:A:ASP:H	15	0.25
(1,396)	1:105:A:LYS:HD3	1:106:A:ASP:H	15	0.25
(1,253)	1:58:A:ILE:H	1:58:A:ILE:HG13	10	0.25
(1,221)	1:98:A:ILE:HD11	1:101:A:ILE:H	5	0.25
(1,221)	1:98:A:ILE:HD12	1:101:A:ILE:H	5	0.25
(1,221)	1:98:A:ILE:HD13	1:101:A:ILE:H	5	0.25
(1,32)	1:35:A:LEU:H	1:35:A:LEU:HG	13	0.25
(1,1)	1:39:A:VAL:HG21	1:143:A:TRP:HE1	4	0.25
(1,1)	1:39:A:VAL:HG22	1:143:A:TRP:HE1	4	0.25
(1,1)	1:39:A:VAL:HG23	1:143:A:TRP:HE1	4	0.25
(34,2492)	1:150:A:THR:H	1:151:A:PHE:HB2	11	0.24
(34,2492)	1:150:A:THR:H	1:151:A:PHE:HB3	11	0.24
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG11	6	0.24
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG12	6	0.24
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG13	6	0.24
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG21	6	0.24
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG22	6	0.24
(34,2373)	1:116:A:GLN:H	1:117:A:VAL:HG23	6	0.24
(34,2340)	1:107:A:LEU:HD11	1:115:A:ALA:H	1	0.24
(34,2340)	1:107:A:LEU:HD12	1:115:A:ALA:H	1	0.24
(34,2340)	1:107:A:LEU:HD13	1:115:A:ALA:H	1	0.24
(34,2340)	1:107:A:LEU:HD21	1:115:A:ALA:H	1	0.24
(34,2340)	1:107:A:LEU:HD22	1:115:A:ALA:H	1	0.24
(34,2340)	1:107:A:LEU:HD23	1:115:A:ALA:H	1	0.24
(34,2154)	1:43:A:MET:HE1	1:131:A:LEU:HD11	4	0.24
(34,2154)	1:43:A:MET:HE1	1:131:A:LEU:HD12	4	0.24
(34,2154)	1:43:A:MET:HE1	1:131:A:LEU:HD13	4	0.24
(34,2154)	1:43:A:MET:HE1	1:131:A:LEU:HD21	4	0.24
(34,2154)	1:43:A:MET:HE1	1:131:A:LEU:HD22	4	0.24
(34,2154)	1:43:A:MET:HE1	1:131:A:LEU:HD23	4	0.24
(34,2154)	1:43:A:MET:HE2	1:131:A:LEU:HD11	4	0.24
(34,2154)	1:43:A:MET:HE2	1:131:A:LEU:HD12	4	0.24
(34,2154)	1:43:A:MET:HE2	1:131:A:LEU:HD13	4	0.24
(34,2154)	1:43:A:MET:HE2	1:131:A:LEU:HD21	4	0.24
(34,2154)	1:43:A:MET:HE2	1:131:A:LEU:HD22	4	0.24
(34,2154)	1:43:A:MET:HE2	1:131:A:LEU:HD23	4	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2154)	1:43:A:MET:HE3	1:131:A:LEU:HD11	4	0.24
(34,2154)	1:43:A:MET:HE3	1:131:A:LEU:HD12	4	0.24
(34,2154)	1:43:A:MET:HE3	1:131:A:LEU:HD13	4	0.24
(34,2154)	1:43:A:MET:HE3	1:131:A:LEU:HD21	4	0.24
(34,2154)	1:43:A:MET:HE3	1:131:A:LEU:HD22	4	0.24
(34,2154)	1:43:A:MET:HE3	1:131:A:LEU:HD23	4	0.24
(34,2118)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	1	0.24
(34,2118)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	1	0.24
(34,2118)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	1	0.24
(34,2118)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	1	0.24
(34,2118)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	1	0.24
(34,2118)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	1	0.24
(34,2118)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	1	0.24
(34,2118)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	1	0.24
(34,2118)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	1	0.24
(34,2118)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	1	0.24
(34,2118)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	1	0.24
(34,2118)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	1	0.24
(34,2112)	1:39:A:VAL:HB	1:140:A:LEU:HD11	5	0.24
(34,2112)	1:39:A:VAL:HB	1:140:A:LEU:HD12	5	0.24
(34,2112)	1:39:A:VAL:HB	1:140:A:LEU:HD13	5	0.24
(34,2112)	1:39:A:VAL:HB	1:140:A:LEU:HD21	5	0.24
(34,2112)	1:39:A:VAL:HB	1:140:A:LEU:HD22	5	0.24
(34,2112)	1:39:A:VAL:HB	1:140:A:LEU:HD23	5	0.24
(34,2069)	1:34:A:LYS:H	1:81:A:GLU:HB2	4	0.24
(34,2069)	1:34:A:LYS:H	1:81:A:GLU:HB3	4	0.24
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD11	15	0.24
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD12	15	0.24
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD13	15	0.24
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD21	15	0.24
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD22	15	0.24
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD23	15	0.24
(34,1997)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	13	0.24
(34,1997)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	13	0.24
(34,1997)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	13	0.24
(34,1997)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	13	0.24
(34,1997)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	13	0.24
(34,1997)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	13	0.24
(34,1996)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	4	0.24
(34,1996)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	4	0.24
(34,1996)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	4	0.24
(34,1996)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	4	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1996)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	4	0.24
(34,1996)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	4	0.24
(34,1996)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	4	0.24
(34,1996)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	4	0.24
(34,1996)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	4	0.24
(34,1996)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	4	0.24
(34,1996)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	4	0.24
(34,1996)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	4	0.24
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	10	0.24
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	10	0.24
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	10	0.24
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	10	0.24
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	10	0.24
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	10	0.24
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	10	0.24
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	10	0.24
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	10	0.24
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	10	0.24
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	10	0.24
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	10	0.24
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	10	0.24
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	10	0.24
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	10	0.24
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	10	0.24
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	10	0.24
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	10	0.24
(34,1922)	1:58:A:ILE:HB	1:62:A:HIS:HE1	12	0.24
(34,1912)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	14	0.24
(34,1912)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	14	0.24
(34,1912)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	14	0.24
(34,1912)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	14	0.24
(34,1912)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	14	0.24
(34,1912)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	14	0.24
(34,1813)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	10	0.24
(34,1813)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	10	0.24
(34,1813)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	10	0.24
(34,1813)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	10	0.24
(34,1806)	1:15:A:ALA:HA	1:18:A:PHE:HD1	16	0.24
(34,1806)	1:15:A:ALA:HA	1:18:A:PHE:HD2	16	0.24
(34,1779)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	17	0.24
(34,1779)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	17	0.24
(34,1779)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	17	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1717)	1:141:A:LYS:HA	1:145:A:PRO:HD3	6	0.24
(34,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	8	0.24
(34,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	8	0.24
(34,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	8	0.24
(34,1611)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	12	0.24
(34,1611)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	12	0.24
(34,1611)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	12	0.24
(34,1611)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	12	0.24
(34,1611)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	12	0.24
(34,1611)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	12	0.24
(34,1590)	1:61:A:SER:HA	1:63:A:ILE:HD11	19	0.24
(34,1590)	1:61:A:SER:HA	1:63:A:ILE:HD12	19	0.24
(34,1590)	1:61:A:SER:HA	1:63:A:ILE:HD13	19	0.24
(34,1563)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	8	0.24
(34,1563)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	8	0.24
(34,1563)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	8	0.24
(34,1535)	1:110:A:MET:HE1	1:113:A:PHE:HE1	12	0.24
(34,1535)	1:110:A:MET:HE1	1:113:A:PHE:HE2	12	0.24
(34,1535)	1:110:A:MET:HE2	1:113:A:PHE:HE1	12	0.24
(34,1535)	1:110:A:MET:HE2	1:113:A:PHE:HE2	12	0.24
(34,1535)	1:110:A:MET:HE3	1:113:A:PHE:HE1	12	0.24
(34,1535)	1:110:A:MET:HE3	1:113:A:PHE:HE2	12	0.24
(34,1503)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	16	0.24
(34,1503)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	16	0.24
(34,1503)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	16	0.24
(34,1503)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	16	0.24
(34,1503)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	16	0.24
(34,1503)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	16	0.24
(34,1491)	1:101:A:ILE:HG21	1:115:A:ALA:H	15	0.24
(34,1491)	1:101:A:ILE:HG22	1:115:A:ALA:H	15	0.24
(34,1491)	1:101:A:ILE:HG23	1:115:A:ALA:H	15	0.24
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	4	0.24
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	4	0.24
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	4	0.24
(34,1435)	1:73:A:ILE:HG21	1:110:A:MET:HG2	4	0.24
(34,1435)	1:73:A:ILE:HG21	1:110:A:MET:HG3	4	0.24
(34,1435)	1:73:A:ILE:HG22	1:110:A:MET:HG2	4	0.24
(34,1435)	1:73:A:ILE:HG22	1:110:A:MET:HG3	4	0.24
(34,1435)	1:73:A:ILE:HG23	1:110:A:MET:HG2	4	0.24
(34,1435)	1:73:A:ILE:HG23	1:110:A:MET:HG3	4	0.24
(34,1435)	1:73:A:ILE:HG21	1:110:A:MET:HG2	11	0.24
(34,1435)	1:73:A:ILE:HG21	1:110:A:MET:HG3	11	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1435)	1:73:A:ILE:HG22	1:110:A:MET:HG2	11	0.24
(34,1435)	1:73:A:ILE:HG22	1:110:A:MET:HG3	11	0.24
(34,1435)	1:73:A:ILE:HG23	1:110:A:MET:HG2	11	0.24
(34,1435)	1:73:A:ILE:HG23	1:110:A:MET:HG3	11	0.24
(34,1433)	1:70:A:LYS:HA	1:73:A:ILE:HG21	12	0.24
(34,1433)	1:70:A:LYS:HA	1:73:A:ILE:HG22	12	0.24
(34,1433)	1:70:A:LYS:HA	1:73:A:ILE:HG23	12	0.24
(34,1396)	1:103:A:ARG:HD2	1:107:A:LEU:HD11	12	0.24
(34,1396)	1:103:A:ARG:HD2	1:107:A:LEU:HD12	12	0.24
(34,1396)	1:103:A:ARG:HD2	1:107:A:LEU:HD13	12	0.24
(34,1396)	1:103:A:ARG:HD3	1:107:A:LEU:HD11	12	0.24
(34,1396)	1:103:A:ARG:HD3	1:107:A:LEU:HD12	12	0.24
(34,1396)	1:103:A:ARG:HD3	1:107:A:LEU:HD13	12	0.24
(34,1365)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	17	0.24
(34,1365)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	17	0.24
(34,1365)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	17	0.24
(34,1365)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	17	0.24
(34,1365)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	17	0.24
(34,1365)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	17	0.24
(34,1277)	1:37:A:LEU:HD11	1:38:A:GLU:HA	19	0.24
(34,1277)	1:37:A:LEU:HD12	1:38:A:GLU:HA	19	0.24
(34,1277)	1:37:A:LEU:HD13	1:38:A:GLU:HA	19	0.24
(34,1164)	1:138:A:ASP:HA	1:141:A:LYS:H	6	0.24
(34,1164)	1:138:A:ASP:HA	1:141:A:LYS:H	13	0.24
(34,1147)	1:41:A:LYS:HA	1:44:A:GLU:HG3	9	0.24
(34,942)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	16	0.24
(34,942)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	16	0.24
(34,942)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	16	0.24
(34,942)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	16	0.24
(34,940)	1:125:A:THR:HB	1:128:A:LEU:HB2	14	0.24
(34,933)	1:44:A:GLU:HA	1:44:A:GLU:HG2	7	0.24
(34,933)	1:44:A:GLU:HA	1:44:A:GLU:HG2	17	0.24
(34,933)	1:44:A:GLU:HA	1:44:A:GLU:HG2	19	0.24
(34,846)	1:48:A:ARG:HA	1:48:A:ARG:HD2	16	0.24
(34,846)	1:48:A:ARG:HA	1:48:A:ARG:HD3	16	0.24
(34,827)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	19	0.24
(34,827)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	19	0.24
(34,827)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	19	0.24
(34,827)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	19	0.24
(34,827)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	19	0.24
(34,827)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	19	0.24
(34,816)	1:98:A:ILE:HD11	1:100:A:ALA:H	16	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,816)	1:98:A:ILE:HD12	1:100:A:ALA:H	16	0.24
(34,816)	1:98:A:ILE:HD13	1:100:A:ALA:H	16	0.24
(34,787)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	10	0.24
(34,787)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	10	0.24
(34,787)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	10	0.24
(34,787)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	10	0.24
(34,787)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	10	0.24
(34,787)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	10	0.24
(34,787)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	10	0.24
(34,787)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	10	0.24
(34,787)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	10	0.24
(34,680)	1:63:A:ILE:HG12	1:117:A:VAL:H	3	0.24
(34,632)	1:44:A:GLU:HA	1:48:A:ARG:H	6	0.24
(34,552)	1:60:A:LEU:HD21	1:61:A:SER:H	10	0.24
(34,552)	1:60:A:LEU:HD22	1:61:A:SER:H	10	0.24
(34,552)	1:60:A:LEU:HD23	1:61:A:SER:H	10	0.24
(34,417)	1:125:A:THR:H	1:128:A:LEU:HG	15	0.24
(34,294)	1:50:A:ALA:HB1	1:52:A:CYS:H	15	0.24
(34,294)	1:50:A:ALA:HB2	1:52:A:CYS:H	15	0.24
(34,294)	1:50:A:ALA:HB3	1:52:A:CYS:H	15	0.24
(34,279)	1:112:A:GLN:H	1:112:A:GLN:HE21	15	0.24
(34,180)	1:8:A:ASP:H	1:58:A:ILE:HG13	19	0.24
(34,161)	1:127:A:CYS:H	1:128:A:LEU:HB2	6	0.24
(34,136)	1:13:A:ALA:HB1	1:80:A:TYR:H	9	0.24
(34,136)	1:13:A:ALA:HB2	1:80:A:TYR:H	9	0.24
(34,136)	1:13:A:ALA:HB3	1:80:A:TYR:H	9	0.24
(34,130)	1:46:A:ASN:HB3	1:49:A:LYS:H	18	0.24
(34,72)	1:29:A:LYS:H	1:30:A:LEU:H	18	0.24
(34,42)	1:43:A:MET:HA	1:47:A:ALA:H	9	0.24
(34,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	13	0.24
(33,2507)	1:150:A:THR:H	1:151:A:PHE:HB2	11	0.24
(33,2507)	1:150:A:THR:H	1:151:A:PHE:HB3	11	0.24
(33,2456)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	11	0.24
(33,2456)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	11	0.24
(33,2456)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	11	0.24
(33,2456)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	11	0.24
(33,2456)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	11	0.24
(33,2456)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	11	0.24
(33,2336)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	3	0.24
(33,2336)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	3	0.24
(33,2336)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	3	0.24
(33,2336)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	3	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2336)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	3	0.24
(33,2336)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	3	0.24
(33,2336)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	3	0.24
(33,2336)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	3	0.24
(33,2336)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	3	0.24
(33,2336)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	3	0.24
(33,2336)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	3	0.24
(33,2336)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	3	0.24
(33,2319)	1:103:A:ARG:HE	1:107:A:LEU:HD11	12	0.24
(33,2319)	1:103:A:ARG:HE	1:107:A:LEU:HD12	12	0.24
(33,2319)	1:103:A:ARG:HE	1:107:A:LEU:HD13	12	0.24
(33,2319)	1:103:A:ARG:HE	1:107:A:LEU:HD21	12	0.24
(33,2319)	1:103:A:ARG:HE	1:107:A:LEU:HD22	12	0.24
(33,2319)	1:103:A:ARG:HE	1:107:A:LEU:HD23	12	0.24
(33,2285)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	9	0.24
(33,2285)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	9	0.24
(33,2285)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	17	0.24
(33,2285)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	17	0.24
(33,2264)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	12	0.24
(33,2264)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	12	0.24
(33,2264)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	12	0.24
(33,2264)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	12	0.24
(33,2263)	1:70:A:LYS:HG2	1:71:A:LYS:H	13	0.24
(33,2263)	1:70:A:LYS:HG3	1:71:A:LYS:H	13	0.24
(33,2153)	1:43:A:MET:HE1	1:131:A:LEU:HD11	4	0.24
(33,2153)	1:43:A:MET:HE1	1:131:A:LEU:HD12	4	0.24
(33,2153)	1:43:A:MET:HE1	1:131:A:LEU:HD13	4	0.24
(33,2153)	1:43:A:MET:HE1	1:131:A:LEU:HD21	4	0.24
(33,2153)	1:43:A:MET:HE1	1:131:A:LEU:HD22	4	0.24
(33,2153)	1:43:A:MET:HE1	1:131:A:LEU:HD23	4	0.24
(33,2153)	1:43:A:MET:HE2	1:131:A:LEU:HD11	4	0.24
(33,2153)	1:43:A:MET:HE2	1:131:A:LEU:HD12	4	0.24
(33,2153)	1:43:A:MET:HE2	1:131:A:LEU:HD13	4	0.24
(33,2153)	1:43:A:MET:HE2	1:131:A:LEU:HD21	4	0.24
(33,2153)	1:43:A:MET:HE2	1:131:A:LEU:HD22	4	0.24
(33,2153)	1:43:A:MET:HE2	1:131:A:LEU:HD23	4	0.24
(33,2153)	1:43:A:MET:HE3	1:131:A:LEU:HD11	4	0.24
(33,2153)	1:43:A:MET:HE3	1:131:A:LEU:HD12	4	0.24
(33,2153)	1:43:A:MET:HE3	1:131:A:LEU:HD13	4	0.24
(33,2153)	1:43:A:MET:HE3	1:131:A:LEU:HD21	4	0.24
(33,2153)	1:43:A:MET:HE3	1:131:A:LEU:HD22	4	0.24
(33,2153)	1:43:A:MET:HE3	1:131:A:LEU:HD23	4	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD11	3	0.24
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD12	3	0.24
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD13	3	0.24
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD21	3	0.24
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD22	3	0.24
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD23	3	0.24
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD11	7	0.24
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD12	7	0.24
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD13	7	0.24
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD21	7	0.24
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD22	7	0.24
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD23	7	0.24
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD11	14	0.24
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD12	14	0.24
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD13	14	0.24
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD21	14	0.24
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD22	14	0.24
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD23	14	0.24
(33,2039)	1:23:A:LEU:HD11	1:25:A:ALA:H	4	0.24
(33,2039)	1:23:A:LEU:HD12	1:25:A:ALA:H	4	0.24
(33,2039)	1:23:A:LEU:HD13	1:25:A:ALA:H	4	0.24
(33,2039)	1:23:A:LEU:HD21	1:25:A:ALA:H	4	0.24
(33,2039)	1:23:A:LEU:HD22	1:25:A:ALA:H	4	0.24
(33,2039)	1:23:A:LEU:HD23	1:25:A:ALA:H	4	0.24
(33,2039)	1:23:A:LEU:HD11	1:25:A:ALA:H	15	0.24
(33,2039)	1:23:A:LEU:HD12	1:25:A:ALA:H	15	0.24
(33,2039)	1:23:A:LEU:HD13	1:25:A:ALA:H	15	0.24
(33,2039)	1:23:A:LEU:HD21	1:25:A:ALA:H	15	0.24
(33,2039)	1:23:A:LEU:HD22	1:25:A:ALA:H	15	0.24
(33,2039)	1:23:A:LEU:HD23	1:25:A:ALA:H	15	0.24
(33,2018)	1:18:A:PHE:HB2	1:132:A:ALA:HA	17	0.24
(33,2018)	1:18:A:PHE:HB3	1:132:A:ALA:HA	17	0.24
(33,1997)	1:15:A:ALA:H	1:17:A:ASN:HD21	18	0.24
(33,1997)	1:15:A:ALA:H	1:17:A:ASN:HD22	18	0.24
(33,1915)	1:58:A:ILE:HB	1:62:A:HIS:HE1	12	0.24
(33,1901)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	8	0.24
(33,1901)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	8	0.24
(33,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	2	0.24
(33,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	2	0.24
(33,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	2	0.24
(33,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	14	0.24
(33,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	14	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	14	0.24
(33,1884)	1:104:A:PHE:HE1	1:115:A:ALA:H	10	0.24
(33,1884)	1:104:A:PHE:HE2	1:115:A:ALA:H	10	0.24
(33,1841)	1:13:A:ALA:HA	1:80:A:TYR:HE1	12	0.24
(33,1841)	1:13:A:ALA:HA	1:80:A:TYR:HE2	12	0.24
(33,1825)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	2	0.24
(33,1825)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	2	0.24
(33,1819)	1:9:A:PHE:HZ	1:11:A:ILE:HB	7	0.24
(33,1796)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	10	0.24
(33,1796)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	10	0.24
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG21	15	0.24
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG22	15	0.24
(33,1713)	1:19:A:ALA:H	1:21:A:THR:HG23	15	0.24
(33,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG21	11	0.24
(33,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG22	11	0.24
(33,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG23	11	0.24
(33,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG21	11	0.24
(33,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG22	11	0.24
(33,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG23	11	0.24
(33,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG21	11	0.24
(33,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG22	11	0.24
(33,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG23	11	0.24
(33,1697)	1:34:A:LYS:HA	1:35:A:LEU:HB3	4	0.24
(33,1676)	1:69:A:MET:HA	1:109:A:PRO:HA	15	0.24
(33,1589)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	2	0.24
(33,1589)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	2	0.24
(33,1589)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	2	0.24
(33,1572)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	4	0.24
(33,1572)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	4	0.24
(33,1572)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	4	0.24
(33,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	16	0.24
(33,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	16	0.24
(33,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	16	0.24
(33,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	16	0.24
(33,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	16	0.24
(33,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	16	0.24
(33,1469)	1:101:A:ILE:HG21	1:115:A:ALA:H	15	0.24
(33,1469)	1:101:A:ILE:HG22	1:115:A:ALA:H	15	0.24
(33,1469)	1:101:A:ILE:HG23	1:115:A:ALA:H	15	0.24
(33,1417)	1:73:A:ILE:HG21	1:110:A:MET:HG2	4	0.24
(33,1417)	1:73:A:ILE:HG21	1:110:A:MET:HG3	4	0.24
(33,1417)	1:73:A:ILE:HG22	1:110:A:MET:HG2	4	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1417)	1:73:A:ILE:HG22	1:110:A:MET:HG3	4	0.24
(33,1417)	1:73:A:ILE:HG23	1:110:A:MET:HG2	4	0.24
(33,1417)	1:73:A:ILE:HG23	1:110:A:MET:HG3	4	0.24
(33,1417)	1:73:A:ILE:HG21	1:110:A:MET:HG2	11	0.24
(33,1417)	1:73:A:ILE:HG21	1:110:A:MET:HG3	11	0.24
(33,1417)	1:73:A:ILE:HG22	1:110:A:MET:HG2	11	0.24
(33,1417)	1:73:A:ILE:HG22	1:110:A:MET:HG3	11	0.24
(33,1417)	1:73:A:ILE:HG23	1:110:A:MET:HG2	11	0.24
(33,1417)	1:73:A:ILE:HG23	1:110:A:MET:HG3	11	0.24
(33,1405)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	6	0.24
(33,1405)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	6	0.24
(33,1405)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	6	0.24
(33,1405)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	6	0.24
(33,1405)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	6	0.24
(33,1405)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	6	0.24
(33,1394)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	4	0.24
(33,1394)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	4	0.24
(33,1394)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	4	0.24
(33,1394)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	4	0.24
(33,1394)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	4	0.24
(33,1394)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	4	0.24
(33,1359)	1:120:A:CYS:HA	1:121:A:VAL:HG11	2	0.24
(33,1359)	1:120:A:CYS:HA	1:121:A:VAL:HG12	2	0.24
(33,1359)	1:120:A:CYS:HA	1:121:A:VAL:HG13	2	0.24
(33,1338)	1:131:A:LEU:H	1:131:A:LEU:HD21	2	0.24
(33,1338)	1:131:A:LEU:H	1:131:A:LEU:HD22	2	0.24
(33,1338)	1:131:A:LEU:H	1:131:A:LEU:HD23	2	0.24
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD21	11	0.24
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD22	11	0.24
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD23	11	0.24
(33,1181)	1:43:A:MET:HB2	1:140:A:LEU:HD11	2	0.24
(33,1181)	1:43:A:MET:HB2	1:140:A:LEU:HD12	2	0.24
(33,1181)	1:43:A:MET:HB2	1:140:A:LEU:HD13	2	0.24
(33,1173)	1:140:A:LEU:H	1:140:A:LEU:HD11	18	0.24
(33,1173)	1:140:A:LEU:H	1:140:A:LEU:HD12	18	0.24
(33,1173)	1:140:A:LEU:H	1:140:A:LEU:HD13	18	0.24
(33,1135)	1:138:A:ASP:HA	1:141:A:LYS:H	6	0.24
(33,1135)	1:138:A:ASP:HA	1:141:A:LYS:H	13	0.24
(33,1115)	1:105:A:LYS:HA	1:105:A:LYS:HG3	2	0.24
(33,1114)	1:41:A:LYS:HA	1:44:A:GLU:HG3	9	0.24
(33,920)	1:44:A:GLU:HA	1:44:A:GLU:HG2	7	0.24
(33,920)	1:44:A:GLU:HA	1:44:A:GLU:HG2	17	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,920)	1:44:A:GLU:HA	1:44:A:GLU:HG2	19	0.24
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	15	0.24
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	15	0.24
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	15	0.24
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	15	0.24
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	15	0.24
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	15	0.24
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	15	0.24
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	15	0.24
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	15	0.24
(33,817)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	4	0.24
(33,817)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	4	0.24
(33,817)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	4	0.24
(33,782)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	9	0.24
(33,782)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	9	0.24
(33,782)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	9	0.24
(33,782)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	9	0.24
(33,782)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	9	0.24
(33,782)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	9	0.24
(33,780)	1:101:A:ILE:HD11	1:119:A:LEU:HG	15	0.24
(33,780)	1:101:A:ILE:HD12	1:119:A:LEU:HG	15	0.24
(33,780)	1:101:A:ILE:HD13	1:119:A:LEU:HG	15	0.24
(33,764)	1:69:A:MET:HG2	1:73:A:ILE:HD11	7	0.24
(33,764)	1:69:A:MET:HG2	1:73:A:ILE:HD12	7	0.24
(33,764)	1:69:A:MET:HG2	1:73:A:ILE:HD13	7	0.24
(33,624)	1:44:A:GLU:HA	1:48:A:ARG:H	6	0.24
(33,573)	1:16:A:SER:H	1:131:A:LEU:HB3	17	0.24
(33,355)	1:104:A:PHE:H	1:104:A:PHE:HD1	13	0.24
(33,355)	1:104:A:PHE:H	1:104:A:PHE:HD2	13	0.24
(33,248)	1:58:A:ILE:H	1:58:A:ILE:HD11	6	0.24
(33,248)	1:58:A:ILE:H	1:58:A:ILE:HD12	6	0.24
(33,248)	1:58:A:ILE:H	1:58:A:ILE:HD13	6	0.24
(33,172)	1:8:A:ASP:H	1:58:A:ILE:HG13	19	0.24
(33,155)	1:127:A:CYS:H	1:128:A:LEU:HB2	6	0.24
(33,129)	1:13:A:ALA:HB1	1:80:A:TYR:H	9	0.24
(33,129)	1:13:A:ALA:HB2	1:80:A:TYR:H	9	0.24
(33,129)	1:13:A:ALA:HB3	1:80:A:TYR:H	9	0.24
(33,78)	1:29:A:LYS:H	1:30:A:LEU:H	18	0.24
(33,52)	1:44:A:GLU:HB2	1:47:A:ALA:H	11	0.24
(33,52)	1:44:A:GLU:HB3	1:47:A:ALA:H	11	0.24
(33,20)	1:93:A:GLU:HG2	1:94:A:ALA:H	9	0.24
(33,20)	1:93:A:GLU:HG3	1:94:A:ALA:H	9	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2495)	1:150:A:THR:H	1:151:A:PHE:HB2	11	0.24
(32,2495)	1:150:A:THR:H	1:151:A:PHE:HB3	11	0.24
(32,2467)	1:140:A:LEU:HD11	1:143:A:TRP:H	13	0.24
(32,2467)	1:140:A:LEU:HD12	1:143:A:TRP:H	13	0.24
(32,2467)	1:140:A:LEU:HD13	1:143:A:TRP:H	13	0.24
(32,2467)	1:140:A:LEU:HD21	1:143:A:TRP:H	13	0.24
(32,2467)	1:140:A:LEU:HD22	1:143:A:TRP:H	13	0.24
(32,2467)	1:140:A:LEU:HD23	1:143:A:TRP:H	13	0.24
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD11	10	0.24
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD12	10	0.24
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD13	10	0.24
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD21	10	0.24
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD22	10	0.24
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD23	10	0.24
(32,2365)	1:116:A:GLN:HG2	1:117:A:VAL:HA	5	0.24
(32,2365)	1:116:A:GLN:HG3	1:117:A:VAL:HA	5	0.24
(32,2207)	1:63:A:ILE:HG21	1:116:A:GLN:HG2	11	0.24
(32,2207)	1:63:A:ILE:HG21	1:116:A:GLN:HG3	11	0.24
(32,2207)	1:63:A:ILE:HG22	1:116:A:GLN:HG2	11	0.24
(32,2207)	1:63:A:ILE:HG22	1:116:A:GLN:HG3	11	0.24
(32,2207)	1:63:A:ILE:HG23	1:116:A:GLN:HG2	11	0.24
(32,2207)	1:63:A:ILE:HG23	1:116:A:GLN:HG3	11	0.24
(32,2205)	1:63:A:ILE:H	1:63:A:ILE:HG12	17	0.24
(32,2205)	1:63:A:ILE:H	1:63:A:ILE:HG13	17	0.24
(32,2069)	1:37:A:LEU:H	1:40:A:LEU:HB2	17	0.24
(32,2069)	1:37:A:LEU:H	1:40:A:LEU:HB3	17	0.24
(32,2004)	1:23:A:LEU:HD11	1:24:A:ASP:H	12	0.24
(32,2004)	1:23:A:LEU:HD12	1:24:A:ASP:H	12	0.24
(32,2004)	1:23:A:LEU:HD13	1:24:A:ASP:H	12	0.24
(32,2004)	1:23:A:LEU:HD21	1:24:A:ASP:H	12	0.24
(32,2004)	1:23:A:LEU:HD22	1:24:A:ASP:H	12	0.24
(32,2004)	1:23:A:LEU:HD23	1:24:A:ASP:H	12	0.24
(32,1994)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	6	0.24
(32,1994)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	6	0.24
(32,1994)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	6	0.24
(32,1994)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	6	0.24
(32,1994)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	6	0.24
(32,1994)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	6	0.24
(32,1994)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	6	0.24
(32,1994)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	6	0.24
(32,1994)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	6	0.24
(32,1994)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	6	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1994)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	6	0.24
(32,1994)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	6	0.24
(32,1964)	1:15:A:ALA:H	1:17:A:ASN:HD21	18	0.24
(32,1964)	1:15:A:ALA:H	1:17:A:ASN:HD22	18	0.24
(32,1954)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	4	0.24
(32,1954)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	4	0.24
(32,1954)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	4	0.24
(32,1954)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	4	0.24
(32,1954)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	4	0.24
(32,1954)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	4	0.24
(32,1954)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	4	0.24
(32,1954)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	4	0.24
(32,1954)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	4	0.24
(32,1954)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	4	0.24
(32,1954)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	4	0.24
(32,1954)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	4	0.24
(32,1911)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	4	0.24
(32,1911)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	4	0.24
(32,1911)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	4	0.24
(32,1911)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	4	0.24
(32,1876)	1:58:A:ILE:HB	1:62:A:HIS:HE1	12	0.24
(32,1868)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	14	0.24
(32,1868)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	14	0.24
(32,1868)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	14	0.24
(32,1868)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	14	0.24
(32,1868)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	14	0.24
(32,1868)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	14	0.24
(32,1867)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	8	0.24
(32,1867)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	8	0.24
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	6	0.24
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	6	0.24
(32,1860)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	6	0.24
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	6	0.24
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	6	0.24
(32,1860)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	6	0.24
(32,1857)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	2	0.24
(32,1857)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	2	0.24
(32,1857)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	2	0.24
(32,1857)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	14	0.24
(32,1857)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	14	0.24
(32,1857)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	14	0.24
(32,1852)	1:104:A:PHE:HE1	1:115:A:ALA:H	12	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1852)	1:104:A:PHE:HE2	1:115:A:ALA:H	12	0.24
(32,1801)	1:143:A:TRP:HA	1:143:A:TRP:HE3	2	0.24
(32,1786)	1:9:A:PHE:HZ	1:11:A:ILE:HB	7	0.24
(32,1770)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	14	0.24
(32,1770)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	14	0.24
(32,1770)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	14	0.24
(32,1770)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	14	0.24
(32,1770)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	14	0.24
(32,1770)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	14	0.24
(32,1762)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	10	0.24
(32,1762)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	10	0.24
(32,1762)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	10	0.24
(32,1762)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	10	0.24
(32,1761)	1:9:A:PHE:HD1	1:11:A:ILE:HB	18	0.24
(32,1761)	1:9:A:PHE:HD2	1:11:A:ILE:HB	18	0.24
(32,1757)	1:71:A:LYS:HE2	1:72:A:PHE:HD1	9	0.24
(32,1757)	1:71:A:LYS:HE2	1:72:A:PHE:HD2	9	0.24
(32,1757)	1:71:A:LYS:HE3	1:72:A:PHE:HD1	9	0.24
(32,1757)	1:71:A:LYS:HE3	1:72:A:PHE:HD2	9	0.24
(32,1753)	1:15:A:ALA:HA	1:18:A:PHE:HD1	16	0.24
(32,1753)	1:15:A:ALA:HA	1:18:A:PHE:HD2	16	0.24
(32,1695)	1:31:A:PRO:HB2	1:35:A:LEU:HA	14	0.24
(32,1695)	1:31:A:PRO:HB3	1:35:A:LEU:HA	14	0.24
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG21	15	0.24
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG22	15	0.24
(32,1680)	1:19:A:ALA:H	1:21:A:THR:HG23	15	0.24
(32,1658)	1:34:A:LYS:HA	1:35:A:LEU:HB3	4	0.24
(32,1562)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	2	0.24
(32,1562)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	2	0.24
(32,1562)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	2	0.24
(32,1546)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	19	0.24
(32,1546)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	19	0.24
(32,1546)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	19	0.24
(32,1525)	1:11:A:ILE:HD11	1:43:A:MET:H	5	0.24
(32,1525)	1:11:A:ILE:HD12	1:43:A:MET:H	5	0.24
(32,1525)	1:11:A:ILE:HD13	1:43:A:MET:H	5	0.24
(32,1522)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	11	0.24
(32,1522)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	11	0.24
(32,1522)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	11	0.24
(32,1481)	1:110:A:MET:HE1	1:113:A:PHE:HE1	12	0.24
(32,1481)	1:110:A:MET:HE1	1:113:A:PHE:HE2	12	0.24
(32,1481)	1:110:A:MET:HE2	1:113:A:PHE:HE1	12	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1481)	1:110:A:MET:HE2	1:113:A:PHE:HE2	12	0.24
(32,1481)	1:110:A:MET:HE3	1:113:A:PHE:HE1	12	0.24
(32,1481)	1:110:A:MET:HE3	1:113:A:PHE:HE2	12	0.24
(32,1440)	1:101:A:ILE:HG21	1:116:A:GLN:H	14	0.24
(32,1440)	1:101:A:ILE:HG22	1:116:A:GLN:H	14	0.24
(32,1440)	1:101:A:ILE:HG23	1:116:A:GLN:H	14	0.24
(32,1440)	1:101:A:ILE:HG21	1:116:A:GLN:H	16	0.24
(32,1440)	1:101:A:ILE:HG22	1:116:A:GLN:H	16	0.24
(32,1440)	1:101:A:ILE:HG23	1:116:A:GLN:H	16	0.24
(32,1436)	1:101:A:ILE:HG21	1:115:A:ALA:H	15	0.24
(32,1436)	1:101:A:ILE:HG22	1:115:A:ALA:H	15	0.24
(32,1436)	1:101:A:ILE:HG23	1:115:A:ALA:H	15	0.24
(32,1384)	1:70:A:LYS:HA	1:73:A:ILE:HG21	12	0.24
(32,1384)	1:70:A:LYS:HA	1:73:A:ILE:HG22	12	0.24
(32,1384)	1:70:A:LYS:HA	1:73:A:ILE:HG23	12	0.24
(32,1365)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	1	0.24
(32,1365)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	1	0.24
(32,1365)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	1	0.24
(32,1363)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	4	0.24
(32,1363)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	4	0.24
(32,1363)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	4	0.24
(32,1363)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	4	0.24
(32,1363)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	4	0.24
(32,1363)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	4	0.24
(32,1326)	1:120:A:CYS:HA	1:121:A:VAL:HG11	2	0.24
(32,1326)	1:120:A:CYS:HA	1:121:A:VAL:HG12	2	0.24
(32,1326)	1:120:A:CYS:HA	1:121:A:VAL:HG13	2	0.24
(32,1325)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	19	0.24
(32,1325)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	19	0.24
(32,1325)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	19	0.24
(32,1305)	1:131:A:LEU:H	1:131:A:LEU:HD21	2	0.24
(32,1305)	1:131:A:LEU:H	1:131:A:LEU:HD22	2	0.24
(32,1305)	1:131:A:LEU:H	1:131:A:LEU:HD23	2	0.24
(32,1206)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	11	0.24
(32,1206)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	11	0.24
(32,1206)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	11	0.24
(32,1192)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	14	0.24
(32,1192)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	14	0.24
(32,1192)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	14	0.24
(32,1183)	1:11:A:ILE:HD11	1:131:A:LEU:HA	12	0.24
(32,1183)	1:11:A:ILE:HD12	1:131:A:LEU:HA	12	0.24
(32,1183)	1:11:A:ILE:HD13	1:131:A:LEU:HA	12	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD11	4	0.24
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD12	4	0.24
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD13	4	0.24
(32,967)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	2	0.24
(32,900)	1:81:A:GLU:HA	1:81:A:GLU:HG2	1	0.24
(32,900)	1:81:A:GLU:HA	1:81:A:GLU:HG3	1	0.24
(32,900)	1:81:A:GLU:HA	1:81:A:GLU:HG2	5	0.24
(32,900)	1:81:A:GLU:HA	1:81:A:GLU:HG3	5	0.24
(32,900)	1:81:A:GLU:HA	1:81:A:GLU:HG2	7	0.24
(32,900)	1:81:A:GLU:HA	1:81:A:GLU:HG3	7	0.24
(32,900)	1:81:A:GLU:HA	1:81:A:GLU:HG2	10	0.24
(32,900)	1:81:A:GLU:HA	1:81:A:GLU:HG3	10	0.24
(32,900)	1:81:A:GLU:HA	1:81:A:GLU:HG2	11	0.24
(32,900)	1:81:A:GLU:HA	1:81:A:GLU:HG3	11	0.24
(32,897)	1:93:A:GLU:HG2	1:94:A:ALA:HB1	19	0.24
(32,897)	1:93:A:GLU:HG2	1:94:A:ALA:HB2	19	0.24
(32,897)	1:93:A:GLU:HG2	1:94:A:ALA:HB3	19	0.24
(32,897)	1:93:A:GLU:HG3	1:94:A:ALA:HB1	19	0.24
(32,897)	1:93:A:GLU:HG3	1:94:A:ALA:HB2	19	0.24
(32,897)	1:93:A:GLU:HG3	1:94:A:ALA:HB3	19	0.24
(32,795)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	4	0.24
(32,795)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	4	0.24
(32,795)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	4	0.24
(32,680)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	11	0.24
(32,680)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	11	0.24
(32,611)	1:44:A:GLU:HA	1:48:A:ARG:H	6	0.24
(32,410)	1:98:A:ILE:HB	1:100:A:ALA:H	6	0.24
(32,384)	1:105:A:LYS:HD2	1:106:A:ASP:H	15	0.24
(32,384)	1:105:A:LYS:HD3	1:106:A:ASP:H	15	0.24
(32,282)	1:50:A:ALA:HB1	1:52:A:CYS:H	15	0.24
(32,282)	1:50:A:ALA:HB2	1:52:A:CYS:H	15	0.24
(32,282)	1:50:A:ALA:HB3	1:52:A:CYS:H	15	0.24
(32,265)	1:112:A:GLN:H	1:112:A:GLN:HE21	15	0.24
(32,236)	1:23:A:LEU:HD21	1:24:A:ASP:H	12	0.24
(32,236)	1:23:A:LEU:HD22	1:24:A:ASP:H	12	0.24
(32,236)	1:23:A:LEU:HD23	1:24:A:ASP:H	12	0.24
(32,153)	1:50:A:ALA:HB1	1:127:A:CYS:H	13	0.24
(32,153)	1:50:A:ALA:HB2	1:127:A:CYS:H	13	0.24
(32,153)	1:50:A:ALA:HB3	1:127:A:CYS:H	13	0.24
(32,152)	1:127:A:CYS:H	1:128:A:LEU:HB2	6	0.24
(32,128)	1:13:A:ALA:HB1	1:80:A:TYR:H	9	0.24
(32,128)	1:13:A:ALA:HB2	1:80:A:TYR:H	9	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,128)	1:13:A:ALA:HB3	1:80:A:TYR:H	9	0.24
(32,68)	1:29:A:LYS:H	1:30:A:LEU:H	18	0.24
(32,26)	1:35:A:LEU:H	1:35:A:LEU:HG	4	0.24
(32,16)	1:93:A:GLU:HG2	1:94:A:ALA:H	9	0.24
(32,16)	1:93:A:GLU:HG3	1:94:A:ALA:H	9	0.24
(32,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	13	0.24
(30,2458)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	6	0.24
(30,2458)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	6	0.24
(30,2458)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	6	0.24
(30,2458)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	6	0.24
(30,2458)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	6	0.24
(30,2458)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	6	0.24
(30,2458)	1:140:A:LEU:HD11	1:144:A:LEU:HB3	6	0.24
(30,2458)	1:140:A:LEU:HD12	1:144:A:LEU:HB3	6	0.24
(30,2458)	1:140:A:LEU:HD13	1:144:A:LEU:HB3	6	0.24
(30,2458)	1:140:A:LEU:HD21	1:144:A:LEU:HB3	6	0.24
(30,2458)	1:140:A:LEU:HD22	1:144:A:LEU:HB3	6	0.24
(30,2458)	1:140:A:LEU:HD23	1:144:A:LEU:HB3	6	0.24
(30,2456)	1:140:A:LEU:HD11	1:143:A:TRP:HD1	2	0.24
(30,2456)	1:140:A:LEU:HD12	1:143:A:TRP:HD1	2	0.24
(30,2456)	1:140:A:LEU:HD13	1:143:A:TRP:HD1	2	0.24
(30,2456)	1:140:A:LEU:HD21	1:143:A:TRP:HD1	2	0.24
(30,2456)	1:140:A:LEU:HD22	1:143:A:TRP:HD1	2	0.24
(30,2456)	1:140:A:LEU:HD23	1:143:A:TRP:HD1	2	0.24
(30,2349)	1:107:A:LEU:HD11	1:115:A:ALA:H	1	0.24
(30,2349)	1:107:A:LEU:HD12	1:115:A:ALA:H	1	0.24
(30,2349)	1:107:A:LEU:HD13	1:115:A:ALA:H	1	0.24
(30,2349)	1:107:A:LEU:HD21	1:115:A:ALA:H	1	0.24
(30,2349)	1:107:A:LEU:HD22	1:115:A:ALA:H	1	0.24
(30,2349)	1:107:A:LEU:HD23	1:115:A:ALA:H	1	0.24
(30,2342)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	5	0.24
(30,2342)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	5	0.24
(30,2342)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	5	0.24
(30,2342)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	5	0.24
(30,2342)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	5	0.24
(30,2342)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	5	0.24
(30,2342)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	5	0.24
(30,2342)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	5	0.24
(30,2342)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	5	0.24
(30,2342)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	5	0.24
(30,2342)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	5	0.24
(30,2342)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	5	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	1	0.24
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	1	0.24
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	1	0.24
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	1	0.24
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	1	0.24
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	1	0.24
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	1	0.24
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	1	0.24
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	1	0.24
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	1	0.24
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	1	0.24
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	1	0.24
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	16	0.24
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	16	0.24
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	16	0.24
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	16	0.24
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	16	0.24
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	16	0.24
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	16	0.24
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	16	0.24
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	16	0.24
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	16	0.24
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	16	0.24
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	16	0.24
(30,2286)	1:79:A:THR:HG21	1:81:A:GLU:HB2	12	0.24
(30,2286)	1:79:A:THR:HG21	1:81:A:GLU:HB3	12	0.24
(30,2286)	1:79:A:THR:HG22	1:81:A:GLU:HB2	12	0.24
(30,2286)	1:79:A:THR:HG22	1:81:A:GLU:HB3	12	0.24
(30,2286)	1:79:A:THR:HG23	1:81:A:GLU:HB2	12	0.24
(30,2286)	1:79:A:THR:HG23	1:81:A:GLU:HB3	12	0.24
(30,2159)	1:43:A:MET:H	1:140:A:LEU:HD11	9	0.24
(30,2159)	1:43:A:MET:H	1:140:A:LEU:HD12	9	0.24
(30,2159)	1:43:A:MET:H	1:140:A:LEU:HD13	9	0.24
(30,2159)	1:43:A:MET:H	1:140:A:LEU:HD21	9	0.24
(30,2159)	1:43:A:MET:H	1:140:A:LEU:HD22	9	0.24
(30,2159)	1:43:A:MET:H	1:140:A:LEU:HD23	9	0.24
(30,2146)	1:40:A:LEU:HD11	1:44:A:GLU:H	17	0.24
(30,2146)	1:40:A:LEU:HD12	1:44:A:GLU:H	17	0.24
(30,2146)	1:40:A:LEU:HD13	1:44:A:GLU:H	17	0.24
(30,2146)	1:40:A:LEU:HD21	1:44:A:GLU:H	17	0.24
(30,2146)	1:40:A:LEU:HD22	1:44:A:GLU:H	17	0.24
(30,2146)	1:40:A:LEU:HD23	1:44:A:GLU:H	17	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2085)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	14	0.24
(30,2085)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	14	0.24
(30,2085)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	14	0.24
(30,2085)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	14	0.24
(30,2085)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	14	0.24
(30,2085)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	14	0.24
(30,1914)	1:58:A:ILE:HB	1:62:A:HIS:HE1	12	0.24
(30,1911)	1:13:A:ALA:H	1:80:A:TYR:HE1	16	0.24
(30,1911)	1:13:A:ALA:H	1:80:A:TYR:HE2	16	0.24
(30,1906)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	14	0.24
(30,1906)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	14	0.24
(30,1906)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	14	0.24
(30,1906)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	14	0.24
(30,1906)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	14	0.24
(30,1906)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	14	0.24
(30,1905)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	8	0.24
(30,1905)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	8	0.24
(30,1822)	1:9:A:PHE:HZ	1:11:A:ILE:HB	7	0.24
(30,1809)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	14	0.24
(30,1809)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	14	0.24
(30,1809)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	14	0.24
(30,1809)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	14	0.24
(30,1809)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	14	0.24
(30,1809)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	14	0.24
(30,1807)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	19	0.24
(30,1807)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	19	0.24
(30,1805)	1:104:A:PHE:HE1	1:105:A:LYS:HA	17	0.24
(30,1805)	1:104:A:PHE:HE2	1:105:A:LYS:HA	17	0.24
(30,1800)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	10	0.24
(30,1800)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	10	0.24
(30,1800)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	10	0.24
(30,1800)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	10	0.24
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	3	0.24
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	3	0.24
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	3	0.24
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	3	0.24
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	3	0.24
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	3	0.24
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	7	0.24
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	7	0.24
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	7	0.24
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	7	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	7	0.24
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	7	0.24
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	14	0.24
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	14	0.24
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	14	0.24
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	14	0.24
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	14	0.24
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	14	0.24
(30,1792)	1:15:A:ALA:HA	1:18:A:PHE:HD1	16	0.24
(30,1792)	1:15:A:ALA:HA	1:18:A:PHE:HD2	16	0.24
(30,1770)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	17	0.24
(30,1770)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	17	0.24
(30,1770)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	17	0.24
(30,1690)	1:69:A:MET:HA	1:109:A:PRO:HA	15	0.24
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG11	17	0.24
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG12	17	0.24
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG13	17	0.24
(30,1602)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	2	0.24
(30,1602)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	2	0.24
(30,1602)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	2	0.24
(30,1584)	1:101:A:ILE:HD11	1:112:A:GLN:HA	7	0.24
(30,1584)	1:101:A:ILE:HD12	1:112:A:GLN:HA	7	0.24
(30,1584)	1:101:A:ILE:HD13	1:112:A:GLN:HA	7	0.24
(30,1575)	1:61:A:SER:HA	1:63:A:ILE:HD11	19	0.24
(30,1575)	1:61:A:SER:HA	1:63:A:ILE:HD12	19	0.24
(30,1575)	1:61:A:SER:HA	1:63:A:ILE:HD13	19	0.24
(30,1545)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	8	0.24
(30,1545)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	8	0.24
(30,1545)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	8	0.24
(30,1474)	1:101:A:ILE:HG21	1:115:A:ALA:H	15	0.24
(30,1474)	1:101:A:ILE:HG22	1:115:A:ALA:H	15	0.24
(30,1474)	1:101:A:ILE:HG23	1:115:A:ALA:H	15	0.24
(30,1450)	1:47:A:ALA:HA	1:50:A:ALA:HB1	6	0.24
(30,1450)	1:47:A:ALA:HA	1:50:A:ALA:HB2	6	0.24
(30,1450)	1:47:A:ALA:HA	1:50:A:ALA:HB3	6	0.24
(30,1419)	1:70:A:LYS:HA	1:73:A:ILE:HG21	12	0.24
(30,1419)	1:70:A:LYS:HA	1:73:A:ILE:HG22	12	0.24
(30,1419)	1:70:A:LYS:HA	1:73:A:ILE:HG23	12	0.24
(30,1363)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	15	0.24
(30,1363)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	15	0.24
(30,1363)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	15	0.24
(30,1356)	1:120:A:CYS:HA	1:121:A:VAL:HG11	2	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1356)	1:120:A:CYS:HA	1:121:A:VAL:HG12	2	0.24
(30,1356)	1:120:A:CYS:HA	1:121:A:VAL:HG13	2	0.24
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG11	11	0.24
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG12	11	0.24
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG13	11	0.24
(30,1289)	1:9:A:PHE:HE1	1:14:A:VAL:HG11	5	0.24
(30,1289)	1:9:A:PHE:HE1	1:14:A:VAL:HG12	5	0.24
(30,1289)	1:9:A:PHE:HE1	1:14:A:VAL:HG13	5	0.24
(30,1289)	1:9:A:PHE:HE2	1:14:A:VAL:HG11	5	0.24
(30,1289)	1:9:A:PHE:HE2	1:14:A:VAL:HG12	5	0.24
(30,1289)	1:9:A:PHE:HE2	1:14:A:VAL:HG13	5	0.24
(30,1245)	1:37:A:LEU:HD11	1:38:A:GLU:HA	19	0.24
(30,1245)	1:37:A:LEU:HD12	1:38:A:GLU:HA	19	0.24
(30,1245)	1:37:A:LEU:HD13	1:38:A:GLU:HA	19	0.24
(30,1202)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	9	0.24
(30,1202)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	9	0.24
(30,1202)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	9	0.24
(30,1202)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	9	0.24
(30,1202)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	9	0.24
(30,1202)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	9	0.24
(30,1165)	1:126:A:GLY:HA2	1:129:A:LYS:HG3	2	0.24
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD11	3	0.24
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD12	3	0.24
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD13	3	0.24
(30,1123)	1:140:A:LEU:HA	1:144:A:LEU:HD21	1	0.24
(30,1123)	1:140:A:LEU:HA	1:144:A:LEU:HD22	1	0.24
(30,1123)	1:140:A:LEU:HA	1:144:A:LEU:HD23	1	0.24
(30,1087)	1:136:A:CYS:HB3	1:141:A:LYS:HA	5	0.24
(30,1059)	1:54:A:ARG:HA	1:58:A:ILE:HG13	5	0.24
(30,988)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	2	0.24
(30,832)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	15	0.24
(30,832)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	15	0.24
(30,832)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	15	0.24
(30,832)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	15	0.24
(30,832)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	15	0.24
(30,832)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	15	0.24
(30,832)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	15	0.24
(30,832)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	15	0.24
(30,832)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	15	0.24
(30,805)	1:98:A:ILE:HD11	1:100:A:ALA:H	16	0.24
(30,805)	1:98:A:ILE:HD12	1:100:A:ALA:H	16	0.24
(30,805)	1:98:A:ILE:HD13	1:100:A:ALA:H	16	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,776)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	10	0.24
(30,776)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	10	0.24
(30,776)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	10	0.24
(30,776)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	10	0.24
(30,776)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	10	0.24
(30,776)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	10	0.24
(30,776)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	10	0.24
(30,776)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	10	0.24
(30,776)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	10	0.24
(30,667)	1:63:A:ILE:HG12	1:117:A:VAL:H	3	0.24
(30,650)	1:66:A:THR:H	1:70:A:LYS:H	15	0.24
(30,488)	1:98:A:ILE:H	1:105:A:LYS:H	6	0.24
(30,259)	1:27:A:ARG:HA	1:29:A:LYS:H	6	0.24
(30,158)	1:127:A:CYS:H	1:128:A:LEU:HB2	6	0.24
(30,133)	1:13:A:ALA:HB1	1:80:A:TYR:H	9	0.24
(30,133)	1:13:A:ALA:HB2	1:80:A:TYR:H	9	0.24
(30,133)	1:13:A:ALA:HB3	1:80:A:TYR:H	9	0.24
(30,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	13	0.24
(29,2452)	1:150:A:THR:H	1:151:A:PHE:HB2	11	0.24
(29,2452)	1:150:A:THR:H	1:151:A:PHE:HB3	11	0.24
(29,2358)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	4	0.24
(29,2358)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	4	0.24
(29,2358)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	4	0.24
(29,2358)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	4	0.24
(29,2358)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	4	0.24
(29,2358)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	4	0.24
(29,2142)	1:40:A:LEU:HD11	1:44:A:GLU:H	13	0.24
(29,2142)	1:40:A:LEU:HD12	1:44:A:GLU:H	13	0.24
(29,2142)	1:40:A:LEU:HD13	1:44:A:GLU:H	13	0.24
(29,2142)	1:40:A:LEU:HD21	1:44:A:GLU:H	13	0.24
(29,2142)	1:40:A:LEU:HD22	1:44:A:GLU:H	13	0.24
(29,2142)	1:40:A:LEU:HD23	1:44:A:GLU:H	13	0.24
(29,2022)	1:15:A:ALA:H	1:17:A:ASN:HD21	18	0.24
(29,2022)	1:15:A:ALA:H	1:17:A:ASN:HD22	18	0.24
(29,1996)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	1	0.24
(29,1996)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	1	0.24
(29,1996)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	1	0.24
(29,1996)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	1	0.24
(29,1996)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	1	0.24
(29,1996)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	1	0.24
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	1	0.24
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	1	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1942)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	1	0.24
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	1	0.24
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	1	0.24
(29,1942)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	1	0.24
(29,1932)	1:58:A:ILE:HB	1:62:A:HIS:HE1	10	0.24
(29,1925)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	13	0.24
(29,1925)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	13	0.24
(29,1925)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	13	0.24
(29,1925)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	13	0.24
(29,1925)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	13	0.24
(29,1925)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	13	0.24
(29,1924)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	14	0.24
(29,1924)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	14	0.24
(29,1924)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	14	0.24
(29,1924)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	14	0.24
(29,1924)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	14	0.24
(29,1924)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	14	0.24
(29,1923)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	8	0.24
(29,1923)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	8	0.24
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	6	0.24
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	6	0.24
(29,1913)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	6	0.24
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	6	0.24
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	6	0.24
(29,1913)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	6	0.24
(29,1909)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	2	0.24
(29,1909)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	2	0.24
(29,1909)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	2	0.24
(29,1909)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	14	0.24
(29,1909)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	14	0.24
(29,1909)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	14	0.24
(29,1812)	1:15:A:ALA:HA	1:18:A:PHE:HD1	16	0.24
(29,1812)	1:15:A:ALA:HA	1:18:A:PHE:HD2	16	0.24
(29,1788)	1:63:A:ILE:HG21	1:116:A:GLN:HG2	11	0.24
(29,1788)	1:63:A:ILE:HG22	1:116:A:GLN:HG2	11	0.24
(29,1788)	1:63:A:ILE:HG23	1:116:A:GLN:HG2	11	0.24
(29,1787)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	17	0.24
(29,1787)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	17	0.24
(29,1787)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	17	0.24
(29,1722)	1:34:A:LYS:HA	1:35:A:LEU:HB3	4	0.24
(29,1675)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	15	0.24
(29,1675)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	15	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1675)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	15	0.24
(29,1586)	1:61:A:SER:HA	1:63:A:ILE:HD11	17	0.24
(29,1586)	1:61:A:SER:HA	1:63:A:ILE:HD12	17	0.24
(29,1586)	1:61:A:SER:HA	1:63:A:ILE:HD13	17	0.24
(29,1515)	1:15:A:ALA:HA	1:43:A:MET:HE1	7	0.24
(29,1515)	1:15:A:ALA:HA	1:43:A:MET:HE2	7	0.24
(29,1515)	1:15:A:ALA:HA	1:43:A:MET:HE3	7	0.24
(29,1515)	1:15:A:ALA:HA	1:43:A:MET:HE1	12	0.24
(29,1515)	1:15:A:ALA:HA	1:43:A:MET:HE2	12	0.24
(29,1515)	1:15:A:ALA:HA	1:43:A:MET:HE3	12	0.24
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE1	14	0.24
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE2	14	0.24
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE3	14	0.24
(29,1484)	1:101:A:ILE:HG21	1:115:A:ALA:H	15	0.24
(29,1484)	1:101:A:ILE:HG22	1:115:A:ALA:H	15	0.24
(29,1484)	1:101:A:ILE:HG23	1:115:A:ALA:H	15	0.24
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	4	0.24
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	4	0.24
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	4	0.24
(29,1416)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	6	0.24
(29,1416)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	6	0.24
(29,1416)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	6	0.24
(29,1416)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	6	0.24
(29,1416)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	6	0.24
(29,1416)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	6	0.24
(29,1316)	1:66:A:THR:HG21	1:96:A:VAL:HB	10	0.24
(29,1316)	1:66:A:THR:HG22	1:96:A:VAL:HB	10	0.24
(29,1316)	1:66:A:THR:HG23	1:96:A:VAL:HB	10	0.24
(29,1243)	1:140:A:LEU:HA	1:144:A:LEU:HD21	1	0.24
(29,1243)	1:140:A:LEU:HA	1:144:A:LEU:HD22	1	0.24
(29,1243)	1:140:A:LEU:HA	1:144:A:LEU:HD23	1	0.24
(29,1238)	1:37:A:LEU:H	1:37:A:LEU:HD11	14	0.24
(29,1238)	1:37:A:LEU:H	1:37:A:LEU:HD12	14	0.24
(29,1238)	1:37:A:LEU:H	1:37:A:LEU:HD13	14	0.24
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD21	15	0.24
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD22	15	0.24
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD23	15	0.24
(29,1180)	1:140:A:LEU:HD21	1:144:A:LEU:H	9	0.24
(29,1180)	1:140:A:LEU:HD22	1:144:A:LEU:H	9	0.24
(29,1180)	1:140:A:LEU:HD23	1:144:A:LEU:H	9	0.24
(29,1179)	1:126:A:GLY:HA2	1:129:A:LYS:HG3	2	0.24
(29,1130)	1:41:A:LYS:HA	1:44:A:GLU:HG3	9	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1040)	1:8:A:ASP:H	1:58:A:ILE:HG12	15	0.24
(29,970)	1:15:A:ALA:HB1	1:43:A:MET:HB2	18	0.24
(29,970)	1:15:A:ALA:HB2	1:43:A:MET:HB2	18	0.24
(29,970)	1:15:A:ALA:HB3	1:43:A:MET:HB2	18	0.24
(29,961)	1:39:A:VAL:HA	1:43:A:MET:HG3	18	0.24
(29,929)	1:125:A:THR:HB	1:128:A:LEU:HB2	7	0.24
(29,922)	1:44:A:GLU:HA	1:44:A:GLU:HG2	7	0.24
(29,922)	1:44:A:GLU:HA	1:44:A:GLU:HG2	17	0.24
(29,922)	1:44:A:GLU:HA	1:44:A:GLU:HG2	19	0.24
(29,896)	1:98:A:ILE:HG12	1:101:A:ILE:HB	6	0.24
(29,829)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	4	0.24
(29,829)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	4	0.24
(29,829)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	4	0.24
(29,818)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	17	0.24
(29,818)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	17	0.24
(29,818)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	17	0.24
(29,818)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	17	0.24
(29,818)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	17	0.24
(29,818)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	17	0.24
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD11	12	0.24
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD12	12	0.24
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD13	12	0.24
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	2	0.24
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	2	0.24
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	2	0.24
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	2	0.24
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	2	0.24
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	2	0.24
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	2	0.24
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	2	0.24
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	2	0.24
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	8	0.24
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	8	0.24
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	8	0.24
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	8	0.24
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	8	0.24
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	8	0.24
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	8	0.24
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	8	0.24
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	8	0.24
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	14	0.24
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	14	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	14	0.24
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	14	0.24
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	14	0.24
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	14	0.24
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	14	0.24
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	14	0.24
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	14	0.24
(29,713)	1:27:A:ARG:HB3	1:27:A:ARG:HE	18	0.24
(29,713)	1:27:A:ARG:HB2	1:27:A:ARG:HE	18	0.24
(29,595)	1:75:A:GLY:H	1:76:A:ARG:HG2	11	0.24
(29,595)	1:75:A:GLY:H	1:76:A:ARG:HG3	11	0.24
(29,532)	1:71:A:LYS:HG3	1:72:A:PHE:H	3	0.24
(29,431)	1:39:A:VAL:HG21	1:143:A:TRP:H	6	0.24
(29,431)	1:39:A:VAL:HG22	1:143:A:TRP:H	6	0.24
(29,431)	1:39:A:VAL:HG23	1:143:A:TRP:H	6	0.24
(29,413)	1:125:A:THR:H	1:128:A:LEU:HG	15	0.24
(29,341)	1:110:A:MET:HG2	1:111:A:GLU:H	13	0.24
(29,341)	1:110:A:MET:HG3	1:111:A:GLU:H	13	0.24
(29,289)	1:50:A:ALA:HB1	1:52:A:CYS:H	15	0.24
(29,289)	1:50:A:ALA:HB2	1:52:A:CYS:H	15	0.24
(29,289)	1:50:A:ALA:HB3	1:52:A:CYS:H	15	0.24
(29,263)	1:27:A:ARG:HB3	1:29:A:LYS:H	6	0.24
(29,112)	1:69:A:MET:H	1:73:A:ILE:HD11	10	0.24
(29,112)	1:69:A:MET:H	1:73:A:ILE:HD12	10	0.24
(29,112)	1:69:A:MET:H	1:73:A:ILE:HD13	10	0.24
(29,108)	1:69:A:MET:H	1:69:A:MET:HE1	2	0.24
(29,108)	1:69:A:MET:H	1:69:A:MET:HE2	2	0.24
(29,108)	1:69:A:MET:H	1:69:A:MET:HE3	2	0.24
(29,76)	1:29:A:LYS:H	1:30:A:LEU:H	18	0.24
(29,73)	1:63:A:ILE:HG21	1:117:A:VAL:H	12	0.24
(29,73)	1:63:A:ILE:HG22	1:117:A:VAL:H	12	0.24
(29,73)	1:63:A:ILE:HG23	1:117:A:VAL:H	12	0.24
(29,32)	1:96:A:VAL:H	1:97:A:ASP:H	3	0.24
(29,8)	1:64:A:LYS:H	1:116:A:GLN:HE22	2	0.24
(29,8)	1:64:A:LYS:H	1:116:A:GLN:HE22	16	0.24
(29,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	13	0.24
(24,29)	1:114:A:ILE:H	1:110:A:MET:O	7	0.24
(24,25)	1:107:A:LEU:H	1:103:A:ARG:O	7	0.24
(24,23)	1:101:A:ILE:H	1:98:A:ILE:O	3	0.24
(23,20)	1:128:A:LEU:N	1:124:A:THR:O	3	0.24
(23,17)	1:118:A:ASP:N	1:114:A:ILE:O	16	0.24
(23,2)	1:39:A:VAL:N	1:36:A:PRO:O	17	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(22,28)	1:115:A:ALA:N	1:111:A:GLU:C	11	0.24
(22,22)	1:107:A:LEU:N	1:103:A:ARG:C	17	0.24
(22,22)	1:107:A:LEU:N	1:103:A:ARG:C	18	0.24
(22,18)	1:73:A:ILE:N	1:69:A:MET:C	4	0.24
(22,18)	1:73:A:ILE:N	1:69:A:MET:C	11	0.24
(22,18)	1:73:A:ILE:N	1:69:A:MET:C	13	0.24
(22,12)	1:59:A:CYS:N	1:55:A:GLY:C	13	0.24
(18,2472)	1:150:A:THR:H	1:151:A:PHE:HB2	11	0.24
(18,2472)	1:150:A:THR:H	1:151:A:PHE:HB3	11	0.24
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB1	6	0.24
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB2	6	0.24
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB3	6	0.24
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB1	6	0.24
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB2	6	0.24
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB3	6	0.24
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB1	6	0.24
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB2	6	0.24
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB3	6	0.24
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB1	6	0.24
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB2	6	0.24
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB3	6	0.24
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB1	6	0.24
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB2	6	0.24
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB3	6	0.24
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB1	6	0.24
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB2	6	0.24
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB3	6	0.24
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	1	0.24
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	1	0.24
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	1	0.24
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	1	0.24
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	1	0.24
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	1	0.24
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	1	0.24
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	1	0.24
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	1	0.24
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	1	0.24
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	1	0.24
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	1	0.24
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	16	0.24
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	16	0.24
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	16	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	16	0.24
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	16	0.24
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	16	0.24
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	16	0.24
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	16	0.24
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	16	0.24
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	16	0.24
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	16	0.24
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	16	0.24
(18,2277)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	17	0.24
(18,2277)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	17	0.24
(18,2277)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	17	0.24
(18,2277)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	17	0.24
(18,2277)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	17	0.24
(18,2277)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	17	0.24
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG11	16	0.24
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG12	16	0.24
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG13	16	0.24
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG21	16	0.24
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG22	16	0.24
(18,2147)	1:43:A:MET:HE1	1:134:A:VAL:HG23	16	0.24
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG11	16	0.24
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG12	16	0.24
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG13	16	0.24
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG21	16	0.24
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG22	16	0.24
(18,2147)	1:43:A:MET:HE2	1:134:A:VAL:HG23	16	0.24
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG11	16	0.24
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG12	16	0.24
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG13	16	0.24
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG21	16	0.24
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG22	16	0.24
(18,2147)	1:43:A:MET:HE3	1:134:A:VAL:HG23	16	0.24
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD11	12	0.24
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD12	12	0.24
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD13	12	0.24
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD21	12	0.24
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD22	12	0.24
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD23	12	0.24
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG11	10	0.24
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG12	10	0.24
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG13	10	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG21	10	0.24
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG22	10	0.24
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG23	10	0.24
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	10	0.24
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	10	0.24
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	10	0.24
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	10	0.24
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	10	0.24
(18,1955)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	10	0.24
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	10	0.24
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	10	0.24
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	10	0.24
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	10	0.24
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	10	0.24
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	10	0.24
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	10	0.24
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	10	0.24
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	10	0.24
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	10	0.24
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	10	0.24
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	10	0.24
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	10	0.24
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	10	0.24
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	10	0.24
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	10	0.24
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	10	0.24
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	10	0.24
(18,1947)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	3	0.24
(18,1947)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	3	0.24
(18,1947)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	3	0.24
(18,1947)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	3	0.24
(18,1921)	1:9:A:PHE:HE1	1:14:A:VAL:HG11	16	0.24
(18,1921)	1:9:A:PHE:HE1	1:14:A:VAL:HG12	16	0.24
(18,1921)	1:9:A:PHE:HE1	1:14:A:VAL:HG13	16	0.24
(18,1921)	1:9:A:PHE:HE1	1:14:A:VAL:HG21	16	0.24
(18,1921)	1:9:A:PHE:HE1	1:14:A:VAL:HG22	16	0.24
(18,1921)	1:9:A:PHE:HE1	1:14:A:VAL:HG23	16	0.24
(18,1921)	1:9:A:PHE:HE2	1:14:A:VAL:HG11	16	0.24
(18,1921)	1:9:A:PHE:HE2	1:14:A:VAL:HG12	16	0.24
(18,1921)	1:9:A:PHE:HE2	1:14:A:VAL:HG13	16	0.24
(18,1921)	1:9:A:PHE:HE2	1:14:A:VAL:HG21	16	0.24
(18,1921)	1:9:A:PHE:HE2	1:14:A:VAL:HG22	16	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1921)	1:9:A:PHE:HE2	1:14:A:VAL:HG23	16	0.24
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD11	18	0.24
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD12	18	0.24
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD13	18	0.24
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD21	18	0.24
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD22	18	0.24
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD23	18	0.24
(18,1904)	1:58:A:ILE:HB	1:62:A:HIS:HE1	12	0.24
(18,1897)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	14	0.24
(18,1897)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	14	0.24
(18,1897)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	14	0.24
(18,1897)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	14	0.24
(18,1897)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	14	0.24
(18,1897)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	14	0.24
(18,1814)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	2	0.24
(18,1814)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	2	0.24
(18,1809)	1:9:A:PHE:HZ	1:11:A:ILE:HB	7	0.24
(18,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	10	0.24
(18,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	10	0.24
(18,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	10	0.24
(18,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	10	0.24
(18,1772)	1:15:A:ALA:HA	1:18:A:PHE:HD1	16	0.24
(18,1772)	1:15:A:ALA:HA	1:18:A:PHE:HD2	16	0.24
(18,1770)	1:13:A:ALA:HA	1:80:A:TYR:HD1	1	0.24
(18,1770)	1:13:A:ALA:HA	1:80:A:TYR:HD2	1	0.24
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	18	0.24
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	18	0.24
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	18	0.24
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	18	0.24
(18,1750)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	17	0.24
(18,1750)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	17	0.24
(18,1750)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	17	0.24
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	4	0.24
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	4	0.24
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	4	0.24
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	4	0.24
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	9	0.24
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	9	0.24
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	9	0.24
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	9	0.24
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB2	8	0.24
(18,1645)	1:108:A:GLU:H	1:112:A:GLN:HB3	8	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1634)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	5	0.24
(18,1634)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	5	0.24
(18,1634)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	5	0.24
(18,1634)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	5	0.24
(18,1634)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	5	0.24
(18,1634)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	5	0.24
(18,1619)	1:111:A:GLU:HA	1:114:A:ILE:HG21	6	0.24
(18,1619)	1:111:A:GLU:HA	1:114:A:ILE:HG22	6	0.24
(18,1619)	1:111:A:GLU:HA	1:114:A:ILE:HG23	6	0.24
(18,1603)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	8	0.24
(18,1603)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	8	0.24
(18,1603)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	8	0.24
(18,1575)	1:98:A:ILE:HG21	1:104:A:PHE:HE1	4	0.24
(18,1575)	1:98:A:ILE:HG21	1:104:A:PHE:HE2	4	0.24
(18,1575)	1:98:A:ILE:HG22	1:104:A:PHE:HE1	4	0.24
(18,1575)	1:98:A:ILE:HG22	1:104:A:PHE:HE2	4	0.24
(18,1575)	1:98:A:ILE:HG23	1:104:A:PHE:HE1	4	0.24
(18,1575)	1:98:A:ILE:HG23	1:104:A:PHE:HE2	4	0.24
(18,1569)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	4	0.24
(18,1569)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	4	0.24
(18,1569)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	4	0.24
(18,1475)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	16	0.24
(18,1475)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	16	0.24
(18,1475)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	16	0.24
(18,1475)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	16	0.24
(18,1475)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	16	0.24
(18,1475)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	16	0.24
(18,1461)	1:67:A:PRO:HD3	1:95:A:ILE:HA	1	0.24
(18,1432)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	3	0.24
(18,1432)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	3	0.24
(18,1432)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	3	0.24
(18,1414)	1:73:A:ILE:HG21	1:110:A:MET:HG2	4	0.24
(18,1414)	1:73:A:ILE:HG21	1:110:A:MET:HG3	4	0.24
(18,1414)	1:73:A:ILE:HG22	1:110:A:MET:HG2	4	0.24
(18,1414)	1:73:A:ILE:HG22	1:110:A:MET:HG3	4	0.24
(18,1414)	1:73:A:ILE:HG23	1:110:A:MET:HG2	4	0.24
(18,1414)	1:73:A:ILE:HG23	1:110:A:MET:HG3	4	0.24
(18,1414)	1:73:A:ILE:HG21	1:110:A:MET:HG2	11	0.24
(18,1414)	1:73:A:ILE:HG21	1:110:A:MET:HG3	11	0.24
(18,1414)	1:73:A:ILE:HG22	1:110:A:MET:HG2	11	0.24
(18,1414)	1:73:A:ILE:HG22	1:110:A:MET:HG3	11	0.24
(18,1414)	1:73:A:ILE:HG23	1:110:A:MET:HG2	11	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1414)	1:73:A:ILE:HG23	1:110:A:MET:HG3	11	0.24
(18,1407)	1:101:A:ILE:HG21	1:102:A:PRO:HD3	6	0.24
(18,1407)	1:101:A:ILE:HG22	1:102:A:PRO:HD3	6	0.24
(18,1407)	1:101:A:ILE:HG23	1:102:A:PRO:HD3	6	0.24
(18,1407)	1:101:A:ILE:HG21	1:102:A:PRO:HD3	12	0.24
(18,1407)	1:101:A:ILE:HG22	1:102:A:PRO:HD3	12	0.24
(18,1407)	1:101:A:ILE:HG23	1:102:A:PRO:HD3	12	0.24
(18,1407)	1:101:A:ILE:HG21	1:102:A:PRO:HD3	13	0.24
(18,1407)	1:101:A:ILE:HG22	1:102:A:PRO:HD3	13	0.24
(18,1407)	1:101:A:ILE:HG23	1:102:A:PRO:HD3	13	0.24
(18,1402)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	6	0.24
(18,1402)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	6	0.24
(18,1402)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	6	0.24
(18,1402)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	6	0.24
(18,1402)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	6	0.24
(18,1402)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	6	0.24
(18,1400)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	13	0.24
(18,1400)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	13	0.24
(18,1400)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	13	0.24
(18,1400)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	13	0.24
(18,1400)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	13	0.24
(18,1400)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	13	0.24
(18,1389)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	4	0.24
(18,1389)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	4	0.24
(18,1389)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	4	0.24
(18,1389)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	4	0.24
(18,1389)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	4	0.24
(18,1389)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	4	0.24
(18,1352)	1:118:A:ASP:HA	1:121:A:VAL:HG11	1	0.24
(18,1352)	1:118:A:ASP:HA	1:121:A:VAL:HG12	1	0.24
(18,1352)	1:118:A:ASP:HA	1:121:A:VAL:HG13	1	0.24
(18,1299)	1:66:A:THR:HG21	1:96:A:VAL:HB	10	0.24
(18,1299)	1:66:A:THR:HG22	1:96:A:VAL:HB	10	0.24
(18,1299)	1:66:A:THR:HG23	1:96:A:VAL:HB	10	0.24
(18,1124)	1:43:A:MET:HA	1:43:A:MET:HG3	4	0.24
(18,1004)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	2	0.24
(18,944)	1:73:A:ILE:HD11	1:112:A:GLN:HG2	6	0.24
(18,944)	1:73:A:ILE:HD11	1:112:A:GLN:HG3	6	0.24
(18,944)	1:73:A:ILE:HD12	1:112:A:GLN:HG2	6	0.24
(18,944)	1:73:A:ILE:HD12	1:112:A:GLN:HG3	6	0.24
(18,944)	1:73:A:ILE:HD13	1:112:A:GLN:HG2	6	0.24
(18,944)	1:73:A:ILE:HD13	1:112:A:GLN:HG3	6	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,868)	1:37:A:LEU:HB3	1:40:A:LEU:H	17	0.24
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	3	0.24
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	3	0.24
(18,823)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	3	0.24
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	3	0.24
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	3	0.24
(18,823)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	3	0.24
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	3	0.24
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	3	0.24
(18,823)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	3	0.24
(18,821)	1:98:A:ILE:HD11	1:100:A:ALA:H	16	0.24
(18,821)	1:98:A:ILE:HD12	1:100:A:ALA:H	16	0.24
(18,821)	1:98:A:ILE:HD13	1:100:A:ALA:H	16	0.24
(18,795)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	9	0.24
(18,795)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	9	0.24
(18,795)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	9	0.24
(18,795)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	9	0.24
(18,795)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	9	0.24
(18,795)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	9	0.24
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	2	0.24
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	2	0.24
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	2	0.24
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	2	0.24
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	2	0.24
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	2	0.24
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	2	0.24
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	2	0.24
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	2	0.24
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	8	0.24
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	8	0.24
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	8	0.24
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	8	0.24
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	8	0.24
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	8	0.24
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	8	0.24
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	8	0.24
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	8	0.24
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	14	0.24
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	14	0.24
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	14	0.24
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	14	0.24
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	14	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	14	0.24
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	14	0.24
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	14	0.24
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	14	0.24
(18,663)	1:70:A:LYS:H	1:71:A:LYS:HB3	2	0.24
(18,636)	1:44:A:GLU:HA	1:48:A:ARG:H	6	0.24
(18,593)	1:129:A:LYS:HB2	1:130:A:GLY:H	6	0.24
(18,593)	1:129:A:LYS:HB3	1:130:A:GLY:H	6	0.24
(18,544)	1:71:A:LYS:HG3	1:72:A:PHE:H	3	0.24
(18,500)	1:79:A:THR:H	1:79:A:THR:HG21	14	0.24
(18,500)	1:79:A:THR:H	1:79:A:THR:HG22	14	0.24
(18,500)	1:79:A:THR:H	1:79:A:THR:HG23	14	0.24
(18,285)	1:113:A:PHE:H	1:114:A:ILE:HB	9	0.24
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD11	7	0.24
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD12	7	0.24
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD13	7	0.24
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD11	13	0.24
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD12	13	0.24
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD13	13	0.24
(18,169)	1:131:A:LEU:H	1:131:A:LEU:HD21	2	0.24
(18,169)	1:131:A:LEU:H	1:131:A:LEU:HD22	2	0.24
(18,169)	1:131:A:LEU:H	1:131:A:LEU:HD23	2	0.24
(18,158)	1:127:A:CYS:H	1:128:A:LEU:HB2	6	0.24
(18,51)	1:44:A:GLU:HB2	1:47:A:ALA:H	11	0.24
(18,51)	1:44:A:GLU:HB3	1:47:A:ALA:H	11	0.24
(18,30)	1:35:A:LEU:H	1:35:A:LEU:HG	4	0.24
(18,7)	1:64:A:LYS:H	1:116:A:GLN:HE22	2	0.24
(18,7)	1:64:A:LYS:H	1:116:A:GLN:HE22	16	0.24
(17,2489)	1:150:A:THR:H	1:151:A:PHE:HB2	11	0.24
(17,2489)	1:150:A:THR:H	1:151:A:PHE:HB3	11	0.24
(17,2461)	1:141:A:LYS:HA	1:148:A:CYS:HB2	12	0.24
(17,2461)	1:141:A:LYS:HA	1:148:A:CYS:HB3	12	0.24
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD11	14	0.24
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD12	14	0.24
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD13	14	0.24
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD21	14	0.24
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD22	14	0.24
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD23	14	0.24
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD11	13	0.24
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD12	13	0.24
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD13	13	0.24
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD21	13	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD22	13	0.24
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD23	13	0.24
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD11	13	0.24
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD12	13	0.24
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD13	13	0.24
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD21	13	0.24
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD22	13	0.24
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD23	13	0.24
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD11	13	0.24
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD12	13	0.24
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD13	13	0.24
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD21	13	0.24
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD22	13	0.24
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD23	13	0.24
(17,2342)	1:107:A:LEU:HD11	1:115:A:ALA:H	1	0.24
(17,2342)	1:107:A:LEU:HD12	1:115:A:ALA:H	1	0.24
(17,2342)	1:107:A:LEU:HD13	1:115:A:ALA:H	1	0.24
(17,2342)	1:107:A:LEU:HD21	1:115:A:ALA:H	1	0.24
(17,2342)	1:107:A:LEU:HD22	1:115:A:ALA:H	1	0.24
(17,2342)	1:107:A:LEU:HD23	1:115:A:ALA:H	1	0.24
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG11	5	0.24
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG12	5	0.24
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG13	5	0.24
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG21	5	0.24
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG22	5	0.24
(17,2186)	1:47:A:ALA:HA	1:134:A:VAL:HG23	5	0.24
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD11	7	0.24
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD12	7	0.24
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD13	7	0.24
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD21	7	0.24
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD22	7	0.24
(17,2044)	1:21:A:THR:HB	1:23:A:LEU:HD23	7	0.24
(17,2004)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	4	0.24
(17,2004)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	4	0.24
(17,2004)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	4	0.24
(17,2004)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	4	0.24
(17,2004)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	4	0.24
(17,2004)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	4	0.24
(17,2004)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	4	0.24
(17,2004)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	4	0.24
(17,2004)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	4	0.24
(17,2004)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	4	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2004)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	4	0.24
(17,2004)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	4	0.24
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	19	0.24
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	19	0.24
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	19	0.24
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	19	0.24
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	19	0.24
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	19	0.24
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	19	0.24
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	19	0.24
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	19	0.24
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	19	0.24
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	19	0.24
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	19	0.24
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	19	0.24
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	19	0.24
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	19	0.24
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	19	0.24
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	19	0.24
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	19	0.24
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	3	0.24
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	3	0.24
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	3	0.24
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	3	0.24
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	3	0.24
(17,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	3	0.24
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	3	0.24
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	3	0.24
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	3	0.24
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	3	0.24
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	3	0.24
(17,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	3	0.24
(17,1930)	1:58:A:ILE:HB	1:62:A:HIS:HE1	12	0.24
(17,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	13	0.24
(17,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	13	0.24
(17,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	13	0.24
(17,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	13	0.24
(17,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	13	0.24
(17,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	13	0.24
(17,1920)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	8	0.24
(17,1920)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	8	0.24
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	6	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	6	0.24
(17,1911)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	6	0.24
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	6	0.24
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	6	0.24
(17,1911)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	6	0.24
(17,1836)	1:9:A:PHE:HZ	1:11:A:ILE:HB	7	0.24
(17,1813)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	10	0.24
(17,1813)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	10	0.24
(17,1808)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	19	0.24
(17,1808)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	19	0.24
(17,1808)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	19	0.24
(17,1808)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	19	0.24
(17,1808)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	19	0.24
(17,1808)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	19	0.24
(17,1805)	1:15:A:ALA:HA	1:18:A:PHE:HD1	16	0.24
(17,1805)	1:15:A:ALA:HA	1:18:A:PHE:HD2	16	0.24
(17,1787)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	15	0.24
(17,1787)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	15	0.24
(17,1782)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	17	0.24
(17,1782)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	17	0.24
(17,1782)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	17	0.24
(17,1754)	1:31:A:PRO:HB2	1:35:A:LEU:HA	8	0.24
(17,1754)	1:31:A:PRO:HB3	1:35:A:LEU:HA	8	0.24
(17,1718)	1:34:A:LYS:HA	1:35:A:LEU:HB3	4	0.24
(17,1675)	1:69:A:MET:HE1	1:116:A:GLN:HE21	16	0.24
(17,1675)	1:69:A:MET:HE2	1:116:A:GLN:HE21	16	0.24
(17,1675)	1:69:A:MET:HE3	1:116:A:GLN:HE21	16	0.24
(17,1649)	1:111:A:GLU:HA	1:114:A:ILE:HG21	6	0.24
(17,1649)	1:111:A:GLU:HA	1:114:A:ILE:HG22	6	0.24
(17,1649)	1:111:A:GLU:HA	1:114:A:ILE:HG23	6	0.24
(17,1591)	1:61:A:SER:HA	1:63:A:ILE:HD11	17	0.24
(17,1591)	1:61:A:SER:HA	1:63:A:ILE:HD12	17	0.24
(17,1591)	1:61:A:SER:HA	1:63:A:ILE:HD13	17	0.24
(17,1574)	1:138:A:ASP:HB2	1:139:A:LEU:HD11	13	0.24
(17,1574)	1:138:A:ASP:HB2	1:139:A:LEU:HD12	13	0.24
(17,1574)	1:138:A:ASP:HB2	1:139:A:LEU:HD13	13	0.24
(17,1574)	1:138:A:ASP:HB3	1:139:A:LEU:HD11	13	0.24
(17,1574)	1:138:A:ASP:HB3	1:139:A:LEU:HD12	13	0.24
(17,1574)	1:138:A:ASP:HB3	1:139:A:LEU:HD13	13	0.24
(17,1509)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	16	0.24
(17,1509)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	16	0.24
(17,1509)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	16	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1509)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	16	0.24
(17,1509)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	16	0.24
(17,1509)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	16	0.24
(17,1498)	1:101:A:ILE:HG21	1:115:A:ALA:H	15	0.24
(17,1498)	1:101:A:ILE:HG22	1:115:A:ALA:H	15	0.24
(17,1498)	1:101:A:ILE:HG23	1:115:A:ALA:H	15	0.24
(17,1488)	1:67:A:PRO:HD3	1:95:A:ILE:HA	1	0.24
(17,1439)	1:73:A:ILE:HG21	1:110:A:MET:HG2	4	0.24
(17,1439)	1:73:A:ILE:HG21	1:110:A:MET:HG3	4	0.24
(17,1439)	1:73:A:ILE:HG22	1:110:A:MET:HG2	4	0.24
(17,1439)	1:73:A:ILE:HG22	1:110:A:MET:HG3	4	0.24
(17,1439)	1:73:A:ILE:HG23	1:110:A:MET:HG2	4	0.24
(17,1439)	1:73:A:ILE:HG23	1:110:A:MET:HG3	4	0.24
(17,1439)	1:73:A:ILE:HG21	1:110:A:MET:HG2	11	0.24
(17,1439)	1:73:A:ILE:HG21	1:110:A:MET:HG3	11	0.24
(17,1439)	1:73:A:ILE:HG22	1:110:A:MET:HG2	11	0.24
(17,1439)	1:73:A:ILE:HG22	1:110:A:MET:HG3	11	0.24
(17,1439)	1:73:A:ILE:HG23	1:110:A:MET:HG2	11	0.24
(17,1439)	1:73:A:ILE:HG23	1:110:A:MET:HG3	11	0.24
(17,1374)	1:120:A:CYS:HA	1:121:A:VAL:HG11	2	0.24
(17,1374)	1:120:A:CYS:HA	1:121:A:VAL:HG12	2	0.24
(17,1374)	1:120:A:CYS:HA	1:121:A:VAL:HG13	2	0.24
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD21	17	0.24
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD22	17	0.24
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD23	17	0.24
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD21	13	0.24
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD22	13	0.24
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD23	13	0.24
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	9	0.24
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	9	0.24
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	9	0.24
(17,1128)	1:41:A:LYS:HA	1:44:A:GLU:HG3	9	0.24
(17,1095)	1:141:A:LYS:HA	1:148:A:CYS:HB3	5	0.24
(17,1092)	1:45:A:ALA:HA	1:48:A:ARG:HG2	4	0.24
(17,1092)	1:45:A:ALA:HA	1:48:A:ARG:HG3	4	0.24
(17,926)	1:125:A:THR:HB	1:128:A:LEU:HB2	7	0.24
(17,824)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	4	0.24
(17,824)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	4	0.24
(17,824)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	4	0.24
(17,818)	1:98:A:ILE:HD11	1:100:A:ALA:H	16	0.24
(17,818)	1:98:A:ILE:HD12	1:100:A:ALA:H	16	0.24
(17,818)	1:98:A:ILE:HD13	1:100:A:ALA:H	16	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	2	0.24
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	2	0.24
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	2	0.24
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	5	0.24
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	5	0.24
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	5	0.24
(17,803)	1:63:A:ILE:HD11	1:117:A:VAL:HB	14	0.24
(17,803)	1:63:A:ILE:HD12	1:117:A:VAL:HB	14	0.24
(17,803)	1:63:A:ILE:HD13	1:117:A:VAL:HB	14	0.24
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	2	0.24
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	2	0.24
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	2	0.24
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	2	0.24
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	2	0.24
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	2	0.24
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	2	0.24
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	2	0.24
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	2	0.24
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	8	0.24
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	8	0.24
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	8	0.24
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	8	0.24
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	8	0.24
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	8	0.24
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	8	0.24
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	8	0.24
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	8	0.24
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	14	0.24
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	14	0.24
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	14	0.24
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	14	0.24
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	14	0.24
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	14	0.24
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	14	0.24
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	14	0.24
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	14	0.24
(17,788)	1:101:A:ILE:HD11	1:119:A:LEU:HG	1	0.24
(17,788)	1:101:A:ILE:HD12	1:119:A:LEU:HG	1	0.24
(17,788)	1:101:A:ILE:HD13	1:119:A:LEU:HG	1	0.24
(17,694)	1:56:A:CYS:H	1:122:A:ASP:HB2	5	0.24
(17,625)	1:44:A:GLU:HA	1:48:A:ARG:H	6	0.24
(17,578)	1:128:A:LEU:HD21	1:130:A:GLY:H	5	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,578)	1:128:A:LEU:HD22	1:130:A:GLY:H	5	0.24
(17,578)	1:128:A:LEU:HD23	1:130:A:GLY:H	5	0.24
(17,568)	1:12:A:VAL:HG11	1:16:A:SER:H	13	0.24
(17,568)	1:12:A:VAL:HG12	1:16:A:SER:H	13	0.24
(17,568)	1:12:A:VAL:HG13	1:16:A:SER:H	13	0.24
(17,481)	1:79:A:THR:H	1:79:A:THR:HG21	14	0.24
(17,481)	1:79:A:THR:H	1:79:A:THR:HG22	14	0.24
(17,481)	1:79:A:THR:H	1:79:A:THR:HG23	14	0.24
(17,428)	1:68:A:LYS:H	1:68:A:LYS:HE2	17	0.24
(17,428)	1:68:A:LYS:H	1:68:A:LYS:HE3	17	0.24
(17,405)	1:125:A:THR:H	1:128:A:LEU:HG	15	0.24
(17,311)	1:43:A:MET:H	1:140:A:LEU:HD11	1	0.24
(17,311)	1:43:A:MET:H	1:140:A:LEU:HD12	1	0.24
(17,311)	1:43:A:MET:H	1:140:A:LEU:HD13	1	0.24
(17,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	15	0.24
(17,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	15	0.24
(17,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	15	0.24
(17,254)	1:27:A:ARG:HA	1:29:A:LYS:H	6	0.24
(17,247)	1:58:A:ILE:H	1:58:A:ILE:HD11	6	0.24
(17,247)	1:58:A:ILE:H	1:58:A:ILE:HD12	6	0.24
(17,247)	1:58:A:ILE:H	1:58:A:ILE:HD13	6	0.24
(17,132)	1:13:A:ALA:HB1	1:80:A:TYR:H	9	0.24
(17,132)	1:13:A:ALA:HB2	1:80:A:TYR:H	9	0.24
(17,132)	1:13:A:ALA:HB3	1:80:A:TYR:H	9	0.24
(17,16)	1:64:A:LYS:H	1:64:A:LYS:HD2	1	0.24
(17,16)	1:64:A:LYS:H	1:64:A:LYS:HD3	1	0.24
(17,7)	1:64:A:LYS:H	1:116:A:GLN:HE22	2	0.24
(17,7)	1:64:A:LYS:H	1:116:A:GLN:HE22	16	0.24
(17,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	1	0.24
(16,2494)	1:150:A:THR:H	1:151:A:PHE:HB2	11	0.24
(16,2494)	1:150:A:THR:H	1:151:A:PHE:HB3	11	0.24
(16,2371)	1:116:A:GLN:HG2	1:117:A:VAL:HA	5	0.24
(16,2371)	1:116:A:GLN:HG3	1:117:A:VAL:HA	5	0.24
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG11	8	0.24
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG12	8	0.24
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG13	8	0.24
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG21	8	0.24
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG22	8	0.24
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG23	8	0.24
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG11	6	0.24
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG12	6	0.24
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG13	6	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG21	6	0.24
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG22	6	0.24
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG23	6	0.24
(16,2239)	1:69:A:MET:HG2	1:76:A:ARG:HB3	9	0.24
(16,2239)	1:69:A:MET:HG3	1:76:A:ARG:HB3	9	0.24
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD11	6	0.24
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD12	6	0.24
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD13	6	0.24
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD21	6	0.24
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD22	6	0.24
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD23	6	0.24
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD11	2	0.24
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD12	2	0.24
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD13	2	0.24
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD21	2	0.24
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD22	2	0.24
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD23	2	0.24
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD11	12	0.24
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD12	12	0.24
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD13	12	0.24
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD21	12	0.24
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD22	12	0.24
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD23	12	0.24
(16,2093)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	14	0.24
(16,2093)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	14	0.24
(16,2093)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	14	0.24
(16,2093)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	14	0.24
(16,2093)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	14	0.24
(16,2093)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	14	0.24
(16,2066)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	4	0.24
(16,2066)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	4	0.24
(16,2066)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	4	0.24
(16,2066)	1:31:A:PRO:HD2	1:144:A:LEU:HD21	4	0.24
(16,2066)	1:31:A:PRO:HD2	1:144:A:LEU:HD22	4	0.24
(16,2066)	1:31:A:PRO:HD2	1:144:A:LEU:HD23	4	0.24
(16,2066)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	4	0.24
(16,2066)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	4	0.24
(16,2066)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	4	0.24
(16,2066)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	4	0.24
(16,2066)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	4	0.24
(16,2066)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	4	0.24
(16,2029)	1:21:A:THR:HB	1:23:A:LEU:HD11	11	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2029)	1:21:A:THR:HB	1:23:A:LEU:HD12	11	0.24
(16,2029)	1:21:A:THR:HB	1:23:A:LEU:HD13	11	0.24
(16,2029)	1:21:A:THR:HB	1:23:A:LEU:HD21	11	0.24
(16,2029)	1:21:A:THR:HB	1:23:A:LEU:HD22	11	0.24
(16,2029)	1:21:A:THR:HB	1:23:A:LEU:HD23	11	0.24
(16,1993)	1:15:A:ALA:H	1:17:A:ASN:HD21	18	0.24
(16,1993)	1:15:A:ALA:H	1:17:A:ASN:HD22	18	0.24
(16,1942)	1:11:A:ILE:HA	1:14:A:VAL:HG11	5	0.24
(16,1942)	1:11:A:ILE:HA	1:14:A:VAL:HG12	5	0.24
(16,1942)	1:11:A:ILE:HA	1:14:A:VAL:HG13	5	0.24
(16,1942)	1:11:A:ILE:HA	1:14:A:VAL:HG21	5	0.24
(16,1942)	1:11:A:ILE:HA	1:14:A:VAL:HG22	5	0.24
(16,1942)	1:11:A:ILE:HA	1:14:A:VAL:HG23	5	0.24
(16,1906)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	13	0.24
(16,1906)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	13	0.24
(16,1904)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	19	0.24
(16,1904)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	19	0.24
(16,1904)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	19	0.24
(16,1891)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	18	0.24
(16,1891)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	18	0.24
(16,1891)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	18	0.24
(16,1891)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	18	0.24
(16,1891)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	18	0.24
(16,1891)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	18	0.24
(16,1890)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	8	0.24
(16,1890)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	8	0.24
(16,1851)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	18	0.24
(16,1851)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	18	0.24
(16,1815)	1:9:A:PHE:HZ	1:11:A:ILE:HB	7	0.24
(16,1808)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	6	0.24
(16,1808)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	6	0.24
(16,1800)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	14	0.24
(16,1800)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	14	0.24
(16,1800)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	14	0.24
(16,1800)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	14	0.24
(16,1800)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	14	0.24
(16,1800)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	14	0.24
(16,1784)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	19	0.24
(16,1784)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	19	0.24
(16,1784)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	19	0.24
(16,1784)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	19	0.24
(16,1784)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	19	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1784)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	19	0.24
(16,1780)	1:15:A:ALA:HA	1:18:A:PHE:HD1	16	0.24
(16,1780)	1:15:A:ALA:HA	1:18:A:PHE:HD2	16	0.24
(16,1695)	1:34:A:LYS:HA	1:35:A:LEU:HB3	4	0.24
(16,1678)	1:69:A:MET:HA	1:109:A:PRO:HA	15	0.24
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	8	0.24
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	8	0.24
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	18	0.24
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	18	0.24
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB2	8	0.24
(16,1653)	1:108:A:GLU:H	1:112:A:GLN:HB3	8	0.24
(16,1645)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	15	0.24
(16,1645)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	15	0.24
(16,1645)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	15	0.24
(16,1567)	1:101:A:ILE:HD11	1:112:A:GLN:HA	7	0.24
(16,1567)	1:101:A:ILE:HD12	1:112:A:GLN:HA	7	0.24
(16,1567)	1:101:A:ILE:HD13	1:112:A:GLN:HA	7	0.24
(16,1564)	1:63:A:ILE:HD11	1:113:A:PHE:HA	5	0.24
(16,1564)	1:63:A:ILE:HD12	1:113:A:PHE:HA	5	0.24
(16,1564)	1:63:A:ILE:HD13	1:113:A:PHE:HA	5	0.24
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG21	11	0.24
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG22	11	0.24
(16,1509)	1:64:A:LYS:HE2	1:98:A:ILE:HG23	11	0.24
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG21	11	0.24
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG22	11	0.24
(16,1509)	1:64:A:LYS:HE3	1:98:A:ILE:HG23	11	0.24
(16,1487)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	16	0.24
(16,1487)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	16	0.24
(16,1487)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	16	0.24
(16,1487)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	16	0.24
(16,1487)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	16	0.24
(16,1487)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	16	0.24
(16,1474)	1:101:A:ILE:HG21	1:115:A:ALA:H	15	0.24
(16,1474)	1:101:A:ILE:HG22	1:115:A:ALA:H	15	0.24
(16,1474)	1:101:A:ILE:HG23	1:115:A:ALA:H	15	0.24
(16,1461)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	1	0.24
(16,1461)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	1	0.24
(16,1461)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	1	0.24
(16,1420)	1:73:A:ILE:HG21	1:110:A:MET:HG2	2	0.24
(16,1420)	1:73:A:ILE:HG21	1:110:A:MET:HG3	2	0.24
(16,1420)	1:73:A:ILE:HG22	1:110:A:MET:HG2	2	0.24
(16,1420)	1:73:A:ILE:HG22	1:110:A:MET:HG3	2	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1420)	1:73:A:ILE:HG23	1:110:A:MET:HG2	2	0.24
(16,1420)	1:73:A:ILE:HG23	1:110:A:MET:HG3	2	0.24
(16,1420)	1:73:A:ILE:HG21	1:110:A:MET:HG2	18	0.24
(16,1420)	1:73:A:ILE:HG21	1:110:A:MET:HG3	18	0.24
(16,1420)	1:73:A:ILE:HG22	1:110:A:MET:HG2	18	0.24
(16,1420)	1:73:A:ILE:HG22	1:110:A:MET:HG3	18	0.24
(16,1420)	1:73:A:ILE:HG23	1:110:A:MET:HG2	18	0.24
(16,1420)	1:73:A:ILE:HG23	1:110:A:MET:HG3	18	0.24
(16,1409)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	6	0.24
(16,1409)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	6	0.24
(16,1409)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	6	0.24
(16,1409)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	6	0.24
(16,1409)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	6	0.24
(16,1409)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	6	0.24
(16,1400)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	1	0.24
(16,1400)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	1	0.24
(16,1400)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	1	0.24
(16,1249)	1:40:A:LEU:H	1:40:A:LEU:HD11	8	0.24
(16,1249)	1:40:A:LEU:H	1:40:A:LEU:HD12	8	0.24
(16,1249)	1:40:A:LEU:H	1:40:A:LEU:HD13	8	0.24
(16,989)	1:67:A:PRO:HA	1:70:A:LYS:HB2	2	0.24
(16,989)	1:67:A:PRO:HA	1:70:A:LYS:HB3	2	0.24
(16,912)	1:54:A:ARG:HA	1:58:A:ILE:HB	19	0.24
(16,817)	1:98:A:ILE:HD11	1:100:A:ALA:H	16	0.24
(16,817)	1:98:A:ILE:HD12	1:100:A:ALA:H	16	0.24
(16,817)	1:98:A:ILE:HD13	1:100:A:ALA:H	16	0.24
(16,807)	1:58:A:ILE:HD11	1:59:A:CYS:H	4	0.24
(16,807)	1:58:A:ILE:HD12	1:59:A:CYS:H	4	0.24
(16,807)	1:58:A:ILE:HD13	1:59:A:CYS:H	4	0.24
(16,807)	1:58:A:ILE:HD11	1:59:A:CYS:H	9	0.24
(16,807)	1:58:A:ILE:HD12	1:59:A:CYS:H	9	0.24
(16,807)	1:58:A:ILE:HD13	1:59:A:CYS:H	9	0.24
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	2	0.24
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	2	0.24
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	2	0.24
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	5	0.24
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	5	0.24
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	5	0.24
(16,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	10	0.24
(16,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	10	0.24
(16,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	10	0.24
(16,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	10	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	10	0.24
(16,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	10	0.24
(16,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	10	0.24
(16,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	10	0.24
(16,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	10	0.24
(16,702)	1:56:A:CYS:H	1:122:A:ASP:HB2	5	0.24
(16,631)	1:44:A:GLU:HA	1:48:A:ARG:H	6	0.24
(16,595)	1:75:A:GLY:H	1:76:A:ARG:HG2	11	0.24
(16,595)	1:75:A:GLY:H	1:76:A:ARG:HG3	11	0.24
(16,565)	1:116:A:GLN:H	1:116:A:GLN:HE22	6	0.24
(16,489)	1:79:A:THR:H	1:79:A:THR:HG21	14	0.24
(16,489)	1:79:A:THR:H	1:79:A:THR:HG22	14	0.24
(16,489)	1:79:A:THR:H	1:79:A:THR:HG23	14	0.24
(16,414)	1:125:A:THR:H	1:128:A:LEU:HG	15	0.24
(16,399)	1:105:A:LYS:HD2	1:106:A:ASP:H	15	0.24
(16,399)	1:105:A:LYS:HD3	1:106:A:ASP:H	15	0.24
(16,294)	1:50:A:ALA:HB1	1:52:A:CYS:H	15	0.24
(16,294)	1:50:A:ALA:HB2	1:52:A:CYS:H	15	0.24
(16,294)	1:50:A:ALA:HB3	1:52:A:CYS:H	15	0.24
(16,277)	1:112:A:GLN:H	1:112:A:GLN:HE21	15	0.24
(16,256)	1:58:A:ILE:H	1:58:A:ILE:HD11	6	0.24
(16,256)	1:58:A:ILE:H	1:58:A:ILE:HD12	6	0.24
(16,256)	1:58:A:ILE:H	1:58:A:ILE:HD13	6	0.24
(16,222)	1:44:A:GLU:HB2	1:48:A:ARG:H	6	0.24
(16,222)	1:44:A:GLU:HB3	1:48:A:ARG:H	6	0.24
(16,179)	1:8:A:ASP:H	1:58:A:ILE:HG13	19	0.24
(16,69)	1:29:A:LYS:H	1:30:A:LEU:H	18	0.24
(16,47)	1:44:A:GLU:HB2	1:47:A:ALA:H	11	0.24
(16,47)	1:44:A:GLU:HB3	1:47:A:ALA:H	11	0.24
(16,8)	1:64:A:LYS:H	1:116:A:GLN:HE22	2	0.24
(16,8)	1:64:A:LYS:H	1:116:A:GLN:HE22	16	0.24
(15,2505)	1:150:A:THR:H	1:151:A:PHE:HB2	11	0.24
(15,2505)	1:150:A:THR:H	1:151:A:PHE:HB3	11	0.24
(15,2471)	1:141:A:LYS:HA	1:148:A:CYS:HB2	12	0.24
(15,2471)	1:141:A:LYS:HA	1:148:A:CYS:HB3	12	0.24
(15,2321)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	3	0.24
(15,2321)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	3	0.24
(15,2321)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	3	0.24
(15,2321)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	3	0.24
(15,2321)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	3	0.24
(15,2321)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	3	0.24
(15,2321)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	3	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2321)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	3	0.24
(15,2321)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	3	0.24
(15,2321)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	3	0.24
(15,2321)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	3	0.24
(15,2321)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	3	0.24
(15,2238)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	12	0.24
(15,2238)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	12	0.24
(15,2238)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	12	0.24
(15,2238)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	12	0.24
(15,2209)	1:65:A:CYS:HB2	1:70:A:LYS:HA	14	0.24
(15,2209)	1:65:A:CYS:HB3	1:70:A:LYS:HA	14	0.24
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	8	0.24
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	8	0.24
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	8	0.24
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	8	0.24
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	8	0.24
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	8	0.24
(15,2139)	1:47:A:ALA:H	1:131:A:LEU:HD11	5	0.24
(15,2139)	1:47:A:ALA:H	1:131:A:LEU:HD12	5	0.24
(15,2139)	1:47:A:ALA:H	1:131:A:LEU:HD13	5	0.24
(15,2139)	1:47:A:ALA:H	1:131:A:LEU:HD21	5	0.24
(15,2139)	1:47:A:ALA:H	1:131:A:LEU:HD22	5	0.24
(15,2139)	1:47:A:ALA:H	1:131:A:LEU:HD23	5	0.24
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD11	7	0.24
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD12	7	0.24
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD13	7	0.24
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD21	7	0.24
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD22	7	0.24
(15,2006)	1:21:A:THR:HB	1:23:A:LEU:HD23	7	0.24
(15,1971)	1:15:A:ALA:H	1:17:A:ASN:HD21	18	0.24
(15,1971)	1:15:A:ALA:H	1:17:A:ASN:HD22	18	0.24
(15,1929)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	15	0.24
(15,1929)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	15	0.24
(15,1929)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	15	0.24
(15,1929)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	15	0.24
(15,1882)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	13	0.24
(15,1882)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	13	0.24
(15,1882)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	13	0.24
(15,1882)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	13	0.24
(15,1882)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	13	0.24
(15,1882)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	13	0.24
(15,1810)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	2	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1810)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	2	0.24
(15,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	14	0.24
(15,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	14	0.24
(15,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	14	0.24
(15,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	14	0.24
(15,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	14	0.24
(15,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	14	0.24
(15,1787)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	10	0.24
(15,1787)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	10	0.24
(15,1787)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	10	0.24
(15,1787)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	10	0.24
(15,1787)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	12	0.24
(15,1787)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	12	0.24
(15,1787)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	12	0.24
(15,1787)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	12	0.24
(15,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	19	0.24
(15,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	19	0.24
(15,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	19	0.24
(15,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	19	0.24
(15,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	19	0.24
(15,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	19	0.24
(15,1780)	1:72:A:PHE:HD1	1:109:A:PRO:HB2	12	0.24
(15,1780)	1:72:A:PHE:HD1	1:109:A:PRO:HB3	12	0.24
(15,1780)	1:72:A:PHE:HD2	1:109:A:PRO:HB2	12	0.24
(15,1780)	1:72:A:PHE:HD2	1:109:A:PRO:HB3	12	0.24
(15,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG21	11	0.24
(15,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG22	11	0.24
(15,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG23	11	0.24
(15,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG21	11	0.24
(15,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG22	11	0.24
(15,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG23	11	0.24
(15,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG21	11	0.24
(15,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG22	11	0.24
(15,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG23	11	0.24
(15,1680)	1:69:A:MET:HA	1:109:A:PRO:HA	15	0.24
(15,1619)	1:13:A:ALA:HA	1:80:A:TYR:HB3	14	0.24
(15,1577)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	5	0.24
(15,1577)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	5	0.24
(15,1577)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	5	0.24
(15,1565)	1:61:A:SER:HA	1:63:A:ILE:HD11	19	0.24
(15,1565)	1:61:A:SER:HA	1:63:A:ILE:HD12	19	0.24
(15,1565)	1:61:A:SER:HA	1:63:A:ILE:HD13	19	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1467)	1:101:A:ILE:HG21	1:115:A:ALA:H	15	0.24
(15,1467)	1:101:A:ILE:HG22	1:115:A:ALA:H	15	0.24
(15,1467)	1:101:A:ILE:HG23	1:115:A:ALA:H	15	0.24
(15,1417)	1:70:A:LYS:HA	1:73:A:ILE:HG21	12	0.24
(15,1417)	1:70:A:LYS:HA	1:73:A:ILE:HG22	12	0.24
(15,1417)	1:70:A:LYS:HA	1:73:A:ILE:HG23	12	0.24
(15,1358)	1:120:A:CYS:HA	1:121:A:VAL:HG11	2	0.24
(15,1358)	1:120:A:CYS:HA	1:121:A:VAL:HG12	2	0.24
(15,1358)	1:120:A:CYS:HA	1:121:A:VAL:HG13	2	0.24
(15,1246)	1:21:A:THR:HG21	1:23:A:LEU:HA	7	0.24
(15,1246)	1:21:A:THR:HG22	1:23:A:LEU:HA	7	0.24
(15,1246)	1:21:A:THR:HG23	1:23:A:LEU:HA	7	0.24
(15,1177)	1:128:A:LEU:HD21	1:129:A:LYS:H	15	0.24
(15,1177)	1:128:A:LEU:HD22	1:129:A:LYS:H	15	0.24
(15,1177)	1:128:A:LEU:HD23	1:129:A:LYS:H	15	0.24
(15,1119)	1:66:A:THR:HG21	1:105:A:LYS:HA	18	0.24
(15,1119)	1:66:A:THR:HG22	1:105:A:LYS:HA	18	0.24
(15,1119)	1:66:A:THR:HG23	1:105:A:LYS:HA	18	0.24
(15,1089)	1:141:A:LYS:HA	1:148:A:CYS:HB3	5	0.24
(15,957)	1:70:A:LYS:HB2	1:74:A:PRO:HA	8	0.24
(15,957)	1:70:A:LYS:HB3	1:74:A:PRO:HA	8	0.24
(15,948)	1:40:A:LEU:HA	1:43:A:MET:HG2	14	0.24
(15,916)	1:125:A:THR:HB	1:128:A:LEU:HB2	7	0.24
(15,815)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	4	0.24
(15,815)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	4	0.24
(15,815)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	4	0.24
(15,812)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	19	0.24
(15,812)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	19	0.24
(15,812)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	19	0.24
(15,631)	1:44:A:GLU:HA	1:48:A:ARG:H	6	0.24
(15,412)	1:125:A:THR:H	1:128:A:LEU:HG	15	0.24
(15,294)	1:50:A:ALA:HB1	1:52:A:CYS:H	15	0.24
(15,294)	1:50:A:ALA:HB2	1:52:A:CYS:H	15	0.24
(15,294)	1:50:A:ALA:HB3	1:52:A:CYS:H	15	0.24
(15,278)	1:112:A:GLN:H	1:112:A:GLN:HE21	15	0.24
(15,255)	1:58:A:ILE:H	1:58:A:ILE:HD11	6	0.24
(15,255)	1:58:A:ILE:H	1:58:A:ILE:HD12	6	0.24
(15,255)	1:58:A:ILE:H	1:58:A:ILE:HD13	6	0.24
(15,223)	1:44:A:GLU:HB2	1:48:A:ARG:H	6	0.24
(15,223)	1:44:A:GLU:HB3	1:48:A:ARG:H	6	0.24
(15,180)	1:8:A:ASP:H	1:58:A:ILE:HG13	19	0.24
(15,139)	1:13:A:ALA:HB1	1:80:A:TYR:H	9	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,139)	1:13:A:ALA:HB2	1:80:A:TYR:H	9	0.24
(15,139)	1:13:A:ALA:HB3	1:80:A:TYR:H	9	0.24
(15,76)	1:29:A:LYS:H	1:30:A:LEU:H	18	0.24
(15,32)	1:96:A:VAL:H	1:97:A:ASP:H	7	0.24
(15,32)	1:96:A:VAL:H	1:97:A:ASP:H	13	0.24
(13,2471)	1:150:A:THR:H	1:151:A:PHE:HB2	11	0.24
(13,2471)	1:150:A:THR:H	1:151:A:PHE:HB3	11	0.24
(13,2362)	1:118:A:ASP:H	1:119:A:LEU:HD11	15	0.24
(13,2362)	1:118:A:ASP:H	1:119:A:LEU:HD12	15	0.24
(13,2362)	1:118:A:ASP:H	1:119:A:LEU:HD13	15	0.24
(13,2362)	1:118:A:ASP:H	1:119:A:LEU:HD21	15	0.24
(13,2362)	1:118:A:ASP:H	1:119:A:LEU:HD22	15	0.24
(13,2362)	1:118:A:ASP:H	1:119:A:LEU:HD23	15	0.24
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG11	12	0.24
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG12	12	0.24
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG13	12	0.24
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG21	12	0.24
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG22	12	0.24
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG23	12	0.24
(13,2196)	1:65:A:CYS:HB2	1:70:A:LYS:H	8	0.24
(13,2196)	1:65:A:CYS:HB3	1:70:A:LYS:H	8	0.24
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG11	3	0.24
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG12	3	0.24
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG13	3	0.24
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG21	3	0.24
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG22	3	0.24
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG23	3	0.24
(13,2122)	1:47:A:ALA:H	1:131:A:LEU:HD11	5	0.24
(13,2122)	1:47:A:ALA:H	1:131:A:LEU:HD12	5	0.24
(13,2122)	1:47:A:ALA:H	1:131:A:LEU:HD13	5	0.24
(13,2122)	1:47:A:ALA:H	1:131:A:LEU:HD21	5	0.24
(13,2122)	1:47:A:ALA:H	1:131:A:LEU:HD22	5	0.24
(13,2122)	1:47:A:ALA:H	1:131:A:LEU:HD23	5	0.24
(13,2098)	1:43:A:MET:HE1	1:131:A:LEU:HD11	4	0.24
(13,2098)	1:43:A:MET:HE1	1:131:A:LEU:HD12	4	0.24
(13,2098)	1:43:A:MET:HE1	1:131:A:LEU:HD13	4	0.24
(13,2098)	1:43:A:MET:HE1	1:131:A:LEU:HD21	4	0.24
(13,2098)	1:43:A:MET:HE1	1:131:A:LEU:HD22	4	0.24
(13,2098)	1:43:A:MET:HE1	1:131:A:LEU:HD23	4	0.24
(13,2098)	1:43:A:MET:HE2	1:131:A:LEU:HD11	4	0.24
(13,2098)	1:43:A:MET:HE2	1:131:A:LEU:HD12	4	0.24
(13,2098)	1:43:A:MET:HE2	1:131:A:LEU:HD13	4	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2098)	1:43:A:MET:HE2	1:131:A:LEU:HD21	4	0.24
(13,2098)	1:43:A:MET:HE2	1:131:A:LEU:HD22	4	0.24
(13,2098)	1:43:A:MET:HE2	1:131:A:LEU:HD23	4	0.24
(13,2098)	1:43:A:MET:HE3	1:131:A:LEU:HD11	4	0.24
(13,2098)	1:43:A:MET:HE3	1:131:A:LEU:HD12	4	0.24
(13,2098)	1:43:A:MET:HE3	1:131:A:LEU:HD13	4	0.24
(13,2098)	1:43:A:MET:HE3	1:131:A:LEU:HD21	4	0.24
(13,2098)	1:43:A:MET:HE3	1:131:A:LEU:HD22	4	0.24
(13,2098)	1:43:A:MET:HE3	1:131:A:LEU:HD23	4	0.24
(13,2021)	1:34:A:LYS:H	1:81:A:GLU:HB2	4	0.24
(13,2021)	1:34:A:LYS:H	1:81:A:GLU:HB3	4	0.24
(13,1963)	1:15:A:ALA:H	1:17:A:ASN:HD21	18	0.24
(13,1963)	1:15:A:ALA:H	1:17:A:ASN:HD22	18	0.24
(13,1891)	1:9:A:PHE:HE1	1:54:A:ARG:HB2	5	0.24
(13,1891)	1:9:A:PHE:HE1	1:54:A:ARG:HB3	5	0.24
(13,1891)	1:9:A:PHE:HE2	1:54:A:ARG:HB2	5	0.24
(13,1891)	1:9:A:PHE:HE2	1:54:A:ARG:HB3	5	0.24
(13,1874)	1:58:A:ILE:HB	1:62:A:HIS:HE1	12	0.24
(13,1842)	1:104:A:PHE:HE1	1:115:A:ALA:H	10	0.24
(13,1842)	1:104:A:PHE:HE2	1:115:A:ALA:H	10	0.24
(13,1781)	1:9:A:PHE:HZ	1:11:A:ILE:HB	7	0.24
(13,1763)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	10	0.24
(13,1763)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	10	0.24
(13,1763)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	10	0.24
(13,1763)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	10	0.24
(13,1758)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	19	0.24
(13,1758)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	19	0.24
(13,1758)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	19	0.24
(13,1758)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	19	0.24
(13,1758)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	19	0.24
(13,1758)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	19	0.24
(13,1755)	1:15:A:ALA:HA	1:18:A:PHE:HD1	16	0.24
(13,1755)	1:15:A:ALA:HA	1:18:A:PHE:HD2	16	0.24
(13,1742)	1:80:A:TYR:H	1:80:A:TYR:HD1	6	0.24
(13,1742)	1:80:A:TYR:H	1:80:A:TYR:HD2	6	0.24
(13,1742)	1:80:A:TYR:H	1:80:A:TYR:HD1	9	0.24
(13,1742)	1:80:A:TYR:H	1:80:A:TYR:HD2	9	0.24
(13,1587)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	8	0.24
(13,1587)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	8	0.24
(13,1587)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	8	0.24
(13,1567)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	2	0.24
(13,1567)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	2	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1567)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	2	0.24
(13,1551)	1:101:A:ILE:HD11	1:112:A:GLN:HA	7	0.24
(13,1551)	1:101:A:ILE:HD12	1:112:A:GLN:HA	7	0.24
(13,1551)	1:101:A:ILE:HD13	1:112:A:GLN:HA	7	0.24
(13,1543)	1:61:A:SER:HA	1:63:A:ILE:HD11	17	0.24
(13,1543)	1:61:A:SER:HA	1:63:A:ILE:HD12	17	0.24
(13,1543)	1:61:A:SER:HA	1:63:A:ILE:HD13	17	0.24
(13,1490)	1:69:A:MET:HE1	1:116:A:GLN:HE21	9	0.24
(13,1490)	1:69:A:MET:HE2	1:116:A:GLN:HE21	9	0.24
(13,1490)	1:69:A:MET:HE3	1:116:A:GLN:HE21	9	0.24
(13,1461)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	16	0.24
(13,1461)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	16	0.24
(13,1461)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	16	0.24
(13,1461)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	16	0.24
(13,1461)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	16	0.24
(13,1461)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	16	0.24
(13,1395)	1:73:A:ILE:HG21	1:110:A:MET:HG2	4	0.24
(13,1395)	1:73:A:ILE:HG21	1:110:A:MET:HG3	4	0.24
(13,1395)	1:73:A:ILE:HG22	1:110:A:MET:HG2	4	0.24
(13,1395)	1:73:A:ILE:HG22	1:110:A:MET:HG3	4	0.24
(13,1395)	1:73:A:ILE:HG23	1:110:A:MET:HG2	4	0.24
(13,1395)	1:73:A:ILE:HG23	1:110:A:MET:HG3	4	0.24
(13,1395)	1:73:A:ILE:HG21	1:110:A:MET:HG2	11	0.24
(13,1395)	1:73:A:ILE:HG21	1:110:A:MET:HG3	11	0.24
(13,1395)	1:73:A:ILE:HG22	1:110:A:MET:HG2	11	0.24
(13,1395)	1:73:A:ILE:HG22	1:110:A:MET:HG3	11	0.24
(13,1395)	1:73:A:ILE:HG23	1:110:A:MET:HG2	11	0.24
(13,1395)	1:73:A:ILE:HG23	1:110:A:MET:HG3	11	0.24
(13,1393)	1:70:A:LYS:HA	1:73:A:ILE:HG21	12	0.24
(13,1393)	1:70:A:LYS:HA	1:73:A:ILE:HG22	12	0.24
(13,1393)	1:70:A:LYS:HA	1:73:A:ILE:HG23	12	0.24
(13,1384)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	6	0.24
(13,1384)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	6	0.24
(13,1384)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	6	0.24
(13,1384)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	6	0.24
(13,1384)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	6	0.24
(13,1384)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	6	0.24
(13,1375)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	1	0.24
(13,1375)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	1	0.24
(13,1375)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	1	0.24
(13,1372)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	4	0.24
(13,1372)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	4	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1372)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	4	0.24
(13,1372)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	4	0.24
(13,1372)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	4	0.24
(13,1372)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	4	0.24
(13,1331)	1:120:A:CYS:HA	1:121:A:VAL:HG11	2	0.24
(13,1331)	1:120:A:CYS:HA	1:121:A:VAL:HG12	2	0.24
(13,1331)	1:120:A:CYS:HA	1:121:A:VAL:HG13	2	0.24
(13,1222)	1:37:A:LEU:HD11	1:38:A:GLU:HA	1	0.24
(13,1222)	1:37:A:LEU:HD12	1:38:A:GLU:HA	1	0.24
(13,1222)	1:37:A:LEU:HD13	1:38:A:GLU:HA	1	0.24
(13,1107)	1:140:A:LEU:HA	1:144:A:LEU:HD21	1	0.24
(13,1107)	1:140:A:LEU:HA	1:144:A:LEU:HD22	1	0.24
(13,1107)	1:140:A:LEU:HA	1:144:A:LEU:HD23	1	0.24
(13,974)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	2	0.24
(13,950)	1:11:A:ILE:HG12	1:14:A:VAL:HB	9	0.24
(13,950)	1:11:A:ILE:HG12	1:14:A:VAL:HB	19	0.24
(13,900)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	17	0.24
(13,900)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	17	0.24
(13,900)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	17	0.24
(13,886)	1:21:A:THR:HB	1:23:A:LEU:H	3	0.24
(13,794)	1:98:A:ILE:HD11	1:100:A:ALA:H	16	0.24
(13,794)	1:98:A:ILE:HD12	1:100:A:ALA:H	16	0.24
(13,794)	1:98:A:ILE:HD13	1:100:A:ALA:H	16	0.24
(13,765)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	10	0.24
(13,765)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	10	0.24
(13,765)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	10	0.24
(13,765)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	10	0.24
(13,765)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	10	0.24
(13,765)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	10	0.24
(13,765)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	10	0.24
(13,765)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	10	0.24
(13,765)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	10	0.24
(13,691)	1:27:A:ARG:HB3	1:27:A:ARG:HE	18	0.24
(13,691)	1:27:A:ARG:HB2	1:27:A:ARG:HE	18	0.24
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG2	12	0.24
(13,611)	1:16:A:SER:H	1:31:A:PRO:HG3	12	0.24
(13,575)	1:128:A:LEU:HD21	1:130:A:GLY:H	5	0.24
(13,575)	1:128:A:LEU:HD22	1:130:A:GLY:H	5	0.24
(13,575)	1:128:A:LEU:HD23	1:130:A:GLY:H	5	0.24
(13,405)	1:125:A:THR:H	1:128:A:LEU:HG	15	0.24
(13,271)	1:112:A:GLN:H	1:112:A:GLN:HE21	15	0.24
(13,262)	1:27:A:ARG:HB3	1:29:A:LYS:H	6	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,255)	1:27:A:ARG:HA	1:29:A:LYS:H	6	0.24
(13,156)	1:127:A:CYS:H	1:128:A:LEU:HG	5	0.24
(13,130)	1:13:A:ALA:HB1	1:80:A:TYR:H	9	0.24
(13,130)	1:13:A:ALA:HB2	1:80:A:TYR:H	9	0.24
(13,130)	1:13:A:ALA:HB3	1:80:A:TYR:H	9	0.24
(13,69)	1:29:A:LYS:H	1:30:A:LEU:H	18	0.24
(11,2460)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	5	0.24
(11,2460)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	5	0.24
(11,2460)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	5	0.24
(11,2460)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	5	0.24
(11,2425)	1:137:A:SER:HB2	1:140:A:LEU:HB2	13	0.24
(11,2425)	1:137:A:SER:HB3	1:140:A:LEU:HB2	13	0.24
(11,2304)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	11	0.24
(11,2304)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	11	0.24
(11,2304)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	11	0.24
(11,2304)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	11	0.24
(11,2304)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	11	0.24
(11,2304)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	11	0.24
(11,2304)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	11	0.24
(11,2304)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	11	0.24
(11,2304)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	11	0.24
(11,2304)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	11	0.24
(11,2304)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	11	0.24
(11,2304)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	11	0.24
(11,2286)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	3	0.24
(11,2286)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	3	0.24
(11,2286)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	3	0.24
(11,2286)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	3	0.24
(11,2163)	1:43:A:MET:HE1	1:131:A:LEU:HD11	4	0.24
(11,2163)	1:43:A:MET:HE1	1:131:A:LEU:HD12	4	0.24
(11,2163)	1:43:A:MET:HE1	1:131:A:LEU:HD13	4	0.24
(11,2163)	1:43:A:MET:HE1	1:131:A:LEU:HD21	4	0.24
(11,2163)	1:43:A:MET:HE1	1:131:A:LEU:HD22	4	0.24
(11,2163)	1:43:A:MET:HE1	1:131:A:LEU:HD23	4	0.24
(11,2163)	1:43:A:MET:HE2	1:131:A:LEU:HD11	4	0.24
(11,2163)	1:43:A:MET:HE2	1:131:A:LEU:HD12	4	0.24
(11,2163)	1:43:A:MET:HE2	1:131:A:LEU:HD13	4	0.24
(11,2163)	1:43:A:MET:HE2	1:131:A:LEU:HD21	4	0.24
(11,2163)	1:43:A:MET:HE2	1:131:A:LEU:HD22	4	0.24
(11,2163)	1:43:A:MET:HE2	1:131:A:LEU:HD23	4	0.24
(11,2163)	1:43:A:MET:HE3	1:131:A:LEU:HD11	4	0.24
(11,2163)	1:43:A:MET:HE3	1:131:A:LEU:HD12	4	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2163)	1:43:A:MET:HE3	1:131:A:LEU:HD13	4	0.24
(11,2163)	1:43:A:MET:HE3	1:131:A:LEU:HD21	4	0.24
(11,2163)	1:43:A:MET:HE3	1:131:A:LEU:HD22	4	0.24
(11,2163)	1:43:A:MET:HE3	1:131:A:LEU:HD23	4	0.24
(11,2132)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	9	0.24
(11,2132)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	9	0.24
(11,2132)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	9	0.24
(11,2132)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	9	0.24
(11,2132)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	9	0.24
(11,2132)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	9	0.24
(11,2097)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	14	0.24
(11,2097)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	14	0.24
(11,2097)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	14	0.24
(11,2097)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	14	0.24
(11,2097)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	14	0.24
(11,2097)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	14	0.24
(11,2085)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	7	0.24
(11,2085)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	7	0.24
(11,2085)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	7	0.24
(11,2085)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	7	0.24
(11,2085)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	7	0.24
(11,2085)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	7	0.24
(11,2074)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	10	0.24
(11,2074)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	10	0.24
(11,2074)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	10	0.24
(11,2074)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	10	0.24
(11,2048)	1:21:A:THR:HB	1:23:A:LEU:HD11	11	0.24
(11,2048)	1:21:A:THR:HB	1:23:A:LEU:HD12	11	0.24
(11,2048)	1:21:A:THR:HB	1:23:A:LEU:HD13	11	0.24
(11,2048)	1:21:A:THR:HB	1:23:A:LEU:HD21	11	0.24
(11,2048)	1:21:A:THR:HB	1:23:A:LEU:HD22	11	0.24
(11,2048)	1:21:A:THR:HB	1:23:A:LEU:HD23	11	0.24
(11,1997)	1:12:A:VAL:HG11	1:43:A:MET:HE1	10	0.24
(11,1997)	1:12:A:VAL:HG11	1:43:A:MET:HE2	10	0.24
(11,1997)	1:12:A:VAL:HG11	1:43:A:MET:HE3	10	0.24
(11,1997)	1:12:A:VAL:HG12	1:43:A:MET:HE1	10	0.24
(11,1997)	1:12:A:VAL:HG12	1:43:A:MET:HE2	10	0.24
(11,1997)	1:12:A:VAL:HG12	1:43:A:MET:HE3	10	0.24
(11,1997)	1:12:A:VAL:HG13	1:43:A:MET:HE1	10	0.24
(11,1997)	1:12:A:VAL:HG13	1:43:A:MET:HE2	10	0.24
(11,1997)	1:12:A:VAL:HG13	1:43:A:MET:HE3	10	0.24
(11,1997)	1:12:A:VAL:HG21	1:43:A:MET:HE1	10	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1997)	1:12:A:VAL:HG21	1:43:A:MET:HE2	10	0.24
(11,1997)	1:12:A:VAL:HG21	1:43:A:MET:HE3	10	0.24
(11,1997)	1:12:A:VAL:HG22	1:43:A:MET:HE1	10	0.24
(11,1997)	1:12:A:VAL:HG22	1:43:A:MET:HE2	10	0.24
(11,1997)	1:12:A:VAL:HG22	1:43:A:MET:HE3	10	0.24
(11,1997)	1:12:A:VAL:HG23	1:43:A:MET:HE1	10	0.24
(11,1997)	1:12:A:VAL:HG23	1:43:A:MET:HE2	10	0.24
(11,1997)	1:12:A:VAL:HG23	1:43:A:MET:HE3	10	0.24
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	10	0.24
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	10	0.24
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	10	0.24
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	10	0.24
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	10	0.24
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	10	0.24
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	10	0.24
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	10	0.24
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	10	0.24
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	10	0.24
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	10	0.24
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	10	0.24
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	10	0.24
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	10	0.24
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	10	0.24
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	10	0.24
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	10	0.24
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	10	0.24
(11,1967)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	3	0.24
(11,1967)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	3	0.24
(11,1967)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	3	0.24
(11,1967)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	3	0.24
(11,1930)	1:13:A:ALA:H	1:80:A:TYR:HE1	6	0.24
(11,1930)	1:13:A:ALA:H	1:80:A:TYR:HE2	6	0.24
(11,1896)	1:72:A:PHE:HD1	1:109:A:PRO:HD2	2	0.24
(11,1896)	1:72:A:PHE:HD2	1:109:A:PRO:HD2	2	0.24
(11,1849)	1:9:A:PHE:HZ	1:11:A:ILE:HB	7	0.24
(11,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	19	0.24
(11,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	19	0.24
(11,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	19	0.24
(11,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	19	0.24
(11,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	19	0.24
(11,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	19	0.24
(11,1821)	1:15:A:ALA:HA	1:18:A:PHE:HD1	16	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1821)	1:15:A:ALA:HA	1:18:A:PHE:HD2	16	0.24
(11,1803)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	17	0.24
(11,1803)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	17	0.24
(11,1803)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	17	0.24
(11,1738)	1:34:A:LYS:HA	1:35:A:LEU:HB3	4	0.24
(11,1690)	1:69:A:MET:HA	1:69:A:MET:HE1	7	0.24
(11,1690)	1:69:A:MET:HA	1:69:A:MET:HE2	7	0.24
(11,1690)	1:69:A:MET:HA	1:69:A:MET:HE3	7	0.24
(11,1642)	1:128:A:LEU:HD21	1:130:A:GLY:H	5	0.24
(11,1642)	1:128:A:LEU:HD22	1:130:A:GLY:H	5	0.24
(11,1642)	1:128:A:LEU:HD23	1:130:A:GLY:H	5	0.24
(11,1632)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	2	0.24
(11,1632)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	2	0.24
(11,1632)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	2	0.24
(11,1606)	1:61:A:SER:HA	1:63:A:ILE:HD11	8	0.24
(11,1606)	1:61:A:SER:HA	1:63:A:ILE:HD12	8	0.24
(11,1606)	1:61:A:SER:HA	1:63:A:ILE:HD13	8	0.24
(11,1569)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	8	0.24
(11,1569)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	8	0.24
(11,1569)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	8	0.24
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	4	0.24
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	4	0.24
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	4	0.24
(11,1439)	1:73:A:ILE:HG21	1:110:A:MET:HG2	4	0.24
(11,1439)	1:73:A:ILE:HG21	1:110:A:MET:HG3	4	0.24
(11,1439)	1:73:A:ILE:HG22	1:110:A:MET:HG2	4	0.24
(11,1439)	1:73:A:ILE:HG22	1:110:A:MET:HG3	4	0.24
(11,1439)	1:73:A:ILE:HG23	1:110:A:MET:HG2	4	0.24
(11,1439)	1:73:A:ILE:HG23	1:110:A:MET:HG3	4	0.24
(11,1439)	1:73:A:ILE:HG21	1:110:A:MET:HG2	11	0.24
(11,1439)	1:73:A:ILE:HG21	1:110:A:MET:HG3	11	0.24
(11,1439)	1:73:A:ILE:HG22	1:110:A:MET:HG2	11	0.24
(11,1439)	1:73:A:ILE:HG22	1:110:A:MET:HG3	11	0.24
(11,1439)	1:73:A:ILE:HG23	1:110:A:MET:HG2	11	0.24
(11,1439)	1:73:A:ILE:HG23	1:110:A:MET:HG3	11	0.24
(11,1429)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	6	0.24
(11,1429)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	6	0.24
(11,1429)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	6	0.24
(11,1429)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	6	0.24
(11,1429)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	6	0.24
(11,1429)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	6	0.24
(11,1361)	1:105:A:LYS:HD2	1:106:A:ASP:HA	9	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1361)	1:105:A:LYS:HD3	1:106:A:ASP:HA	9	0.24
(11,1254)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	11	0.24
(11,1254)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	11	0.24
(11,1254)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	11	0.24
(11,1241)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	7	0.24
(11,1241)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	7	0.24
(11,1241)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	7	0.24
(11,1212)	1:140:A:LEU:HA	1:144:A:LEU:HD21	5	0.24
(11,1212)	1:140:A:LEU:HA	1:144:A:LEU:HD22	5	0.24
(11,1212)	1:140:A:LEU:HA	1:144:A:LEU:HD23	5	0.24
(11,1126)	1:41:A:LYS:HA	1:44:A:GLU:HG3	9	0.24
(11,1031)	1:27:A:ARG:HB2	1:28:A:GLY:HA2	9	0.24
(11,1031)	1:27:A:ARG:HB2	1:28:A:GLY:HA3	9	0.24
(11,1017)	1:27:A:ARG:HB2	1:28:A:GLY:H	6	0.24
(11,1000)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	2	0.24
(11,916)	1:44:A:GLU:HA	1:44:A:GLU:HG2	7	0.24
(11,916)	1:44:A:GLU:HA	1:44:A:GLU:HG2	17	0.24
(11,916)	1:44:A:GLU:HA	1:44:A:GLU:HG2	19	0.24
(11,915)	1:44:A:GLU:H	1:44:A:GLU:HG3	11	0.24
(11,915)	1:44:A:GLU:H	1:44:A:GLU:HG2	11	0.24
(11,900)	1:54:A:ARG:HA	1:58:A:ILE:HB	7	0.24
(11,807)	1:98:A:ILE:HD11	1:100:A:ALA:H	16	0.24
(11,807)	1:98:A:ILE:HD12	1:100:A:ALA:H	16	0.24
(11,807)	1:98:A:ILE:HD13	1:100:A:ALA:H	16	0.24
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	2	0.24
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	2	0.24
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	2	0.24
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	2	0.24
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	2	0.24
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	2	0.24
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	2	0.24
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	2	0.24
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	2	0.24
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	8	0.24
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	8	0.24
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	8	0.24
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	8	0.24
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	8	0.24
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	8	0.24
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	8	0.24
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	8	0.24
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	8	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	14	0.24
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	14	0.24
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	14	0.24
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	14	0.24
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	14	0.24
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	14	0.24
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	14	0.24
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	14	0.24
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	14	0.24
(11,625)	1:44:A:GLU:HA	1:48:A:ARG:H	6	0.24
(11,540)	1:60:A:LEU:HD21	1:61:A:SER:H	10	0.24
(11,540)	1:60:A:LEU:HD22	1:61:A:SER:H	10	0.24
(11,540)	1:60:A:LEU:HD23	1:61:A:SER:H	10	0.24
(11,493)	1:8:A:ASP:HB2	1:9:A:PHE:H	3	0.24
(11,493)	1:8:A:ASP:HB2	1:9:A:PHE:H	14	0.24
(11,493)	1:8:A:ASP:HB2	1:9:A:PHE:H	15	0.24
(11,493)	1:8:A:ASP:HB2	1:9:A:PHE:H	16	0.24
(11,493)	1:8:A:ASP:HB2	1:9:A:PHE:H	19	0.24
(11,487)	1:79:A:THR:H	1:79:A:THR:HG21	14	0.24
(11,487)	1:79:A:THR:H	1:79:A:THR:HG22	14	0.24
(11,487)	1:79:A:THR:H	1:79:A:THR:HG23	14	0.24
(11,273)	1:112:A:GLN:H	1:112:A:GLN:HE21	15	0.24
(11,248)	1:58:A:ILE:H	1:58:A:ILE:HD11	6	0.24
(11,248)	1:58:A:ILE:H	1:58:A:ILE:HD12	6	0.24
(11,248)	1:58:A:ILE:H	1:58:A:ILE:HD13	6	0.24
(11,133)	1:13:A:ALA:HB1	1:80:A:TYR:H	9	0.24
(11,133)	1:13:A:ALA:HB2	1:80:A:TYR:H	9	0.24
(11,133)	1:13:A:ALA:HB3	1:80:A:TYR:H	9	0.24
(11,110)	1:69:A:MET:H	1:73:A:ILE:HD11	10	0.24
(11,110)	1:69:A:MET:H	1:73:A:ILE:HD12	10	0.24
(11,110)	1:69:A:MET:H	1:73:A:ILE:HD13	10	0.24
(11,31)	1:35:A:LEU:H	1:35:A:LEU:HG	4	0.24
(11,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	13	0.24
(9,2275)	1:107:A:LEU:HD11	1:115:A:ALA:H	1	0.24
(9,2275)	1:107:A:LEU:HD12	1:115:A:ALA:H	1	0.24
(9,2275)	1:107:A:LEU:HD13	1:115:A:ALA:H	1	0.24
(9,2275)	1:107:A:LEU:HD21	1:115:A:ALA:H	1	0.24
(9,2275)	1:107:A:LEU:HD22	1:115:A:ALA:H	1	0.24
(9,2275)	1:107:A:LEU:HD23	1:115:A:ALA:H	1	0.24
(9,2223)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	2	0.24
(9,2223)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	2	0.24
(9,2223)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	5	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2223)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	5	0.24
(9,2223)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	8	0.24
(9,2223)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	8	0.24
(9,2185)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	1	0.24
(9,2185)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	1	0.24
(9,2185)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	1	0.24
(9,2185)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	1	0.24
(9,2131)	1:47:A:ALA:H	1:131:A:LEU:HD11	5	0.24
(9,2131)	1:47:A:ALA:H	1:131:A:LEU:HD12	5	0.24
(9,2131)	1:47:A:ALA:H	1:131:A:LEU:HD13	5	0.24
(9,2131)	1:47:A:ALA:H	1:131:A:LEU:HD21	5	0.24
(9,2131)	1:47:A:ALA:H	1:131:A:LEU:HD22	5	0.24
(9,2131)	1:47:A:ALA:H	1:131:A:LEU:HD23	5	0.24
(9,2090)	1:39:A:VAL:HG11	1:41:A:LYS:H	5	0.24
(9,2090)	1:39:A:VAL:HG12	1:41:A:LYS:H	5	0.24
(9,2090)	1:39:A:VAL:HG13	1:41:A:LYS:H	5	0.24
(9,2090)	1:39:A:VAL:HG21	1:41:A:LYS:H	5	0.24
(9,2090)	1:39:A:VAL:HG22	1:41:A:LYS:H	5	0.24
(9,2090)	1:39:A:VAL:HG23	1:41:A:LYS:H	5	0.24
(9,2089)	1:39:A:VAL:HG11	1:40:A:LEU:HA	15	0.24
(9,2089)	1:39:A:VAL:HG12	1:40:A:LEU:HA	15	0.24
(9,2089)	1:39:A:VAL:HG13	1:40:A:LEU:HA	15	0.24
(9,2089)	1:39:A:VAL:HG21	1:40:A:LEU:HA	15	0.24
(9,2089)	1:39:A:VAL:HG22	1:40:A:LEU:HA	15	0.24
(9,2089)	1:39:A:VAL:HG23	1:40:A:LEU:HA	15	0.24
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD11	13	0.24
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD12	13	0.24
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD13	13	0.24
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD21	13	0.24
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD22	13	0.24
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD23	13	0.24
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD11	12	0.24
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD12	12	0.24
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD13	12	0.24
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD21	12	0.24
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD22	12	0.24
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD23	12	0.24
(9,2066)	1:36:A:PRO:HB3	1:39:A:VAL:HG11	11	0.24
(9,2066)	1:36:A:PRO:HB3	1:39:A:VAL:HG12	11	0.24
(9,2066)	1:36:A:PRO:HB3	1:39:A:VAL:HG13	11	0.24
(9,2066)	1:36:A:PRO:HB3	1:39:A:VAL:HG21	11	0.24
(9,2066)	1:36:A:PRO:HB3	1:39:A:VAL:HG22	11	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2066)	1:36:A:PRO:HB3	1:39:A:VAL:HG23	11	0.24
(9,2041)	1:31:A:PRO:HD2	1:144:A:LEU:HA	9	0.24
(9,2041)	1:31:A:PRO:HD3	1:144:A:LEU:HA	9	0.24
(9,2002)	1:17:A:ASN:HD21	1:79:A:THR:H	10	0.24
(9,2002)	1:17:A:ASN:HD22	1:79:A:THR:H	10	0.24
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	7	0.24
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	7	0.24
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	7	0.24
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	7	0.24
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	7	0.24
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	7	0.24
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	7	0.24
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	7	0.24
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	7	0.24
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	7	0.24
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	7	0.24
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	7	0.24
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	7	0.24
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	7	0.24
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	7	0.24
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	7	0.24
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	7	0.24
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	7	0.24
(9,1961)	1:12:A:VAL:HG11	1:43:A:MET:HB2	4	0.24
(9,1961)	1:12:A:VAL:HG12	1:43:A:MET:HB2	4	0.24
(9,1961)	1:12:A:VAL:HG13	1:43:A:MET:HB2	4	0.24
(9,1961)	1:12:A:VAL:HG21	1:43:A:MET:HB2	4	0.24
(9,1961)	1:12:A:VAL:HG22	1:43:A:MET:HB2	4	0.24
(9,1961)	1:12:A:VAL:HG23	1:43:A:MET:HB2	4	0.24
(9,1961)	1:12:A:VAL:HG11	1:43:A:MET:HB3	4	0.24
(9,1961)	1:12:A:VAL:HG12	1:43:A:MET:HB3	4	0.24
(9,1961)	1:12:A:VAL:HG13	1:43:A:MET:HB3	4	0.24
(9,1961)	1:12:A:VAL:HG21	1:43:A:MET:HB3	4	0.24
(9,1961)	1:12:A:VAL:HG22	1:43:A:MET:HB3	4	0.24
(9,1961)	1:12:A:VAL:HG23	1:43:A:MET:HB3	4	0.24
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	16	0.24
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	16	0.24
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	16	0.24
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	16	0.24
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	16	0.24
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	16	0.24
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	16	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	16	0.24
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	16	0.24
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	16	0.24
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	16	0.24
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	16	0.24
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	16	0.24
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	16	0.24
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	16	0.24
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	16	0.24
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	16	0.24
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	16	0.24
(9,1942)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	3	0.24
(9,1942)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	3	0.24
(9,1942)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	3	0.24
(9,1942)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	3	0.24
(9,1912)	1:58:A:ILE:HB	1:62:A:HIS:HE1	12	0.24
(9,1903)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	13	0.24
(9,1903)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	13	0.24
(9,1903)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	13	0.24
(9,1903)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	13	0.24
(9,1903)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	13	0.24
(9,1903)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	13	0.24
(9,1901)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	8	0.24
(9,1901)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	8	0.24
(9,1874)	1:14:A:VAL:HA	1:18:A:PHE:HD1	11	0.24
(9,1874)	1:14:A:VAL:HA	1:18:A:PHE:HD2	11	0.24
(9,1836)	1:13:A:ALA:HA	1:80:A:TYR:HE1	12	0.24
(9,1836)	1:13:A:ALA:HA	1:80:A:TYR:HE2	12	0.24
(9,1814)	1:9:A:PHE:HZ	1:11:A:ILE:HB	7	0.24
(9,1792)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	10	0.24
(9,1792)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	10	0.24
(9,1783)	1:15:A:ALA:HA	1:18:A:PHE:HD1	16	0.24
(9,1783)	1:15:A:ALA:HA	1:18:A:PHE:HD2	16	0.24
(9,1713)	1:19:A:ALA:HB1	1:20:A:THR:HG21	11	0.24
(9,1713)	1:19:A:ALA:HB1	1:20:A:THR:HG22	11	0.24
(9,1713)	1:19:A:ALA:HB1	1:20:A:THR:HG23	11	0.24
(9,1713)	1:19:A:ALA:HB2	1:20:A:THR:HG21	11	0.24
(9,1713)	1:19:A:ALA:HB2	1:20:A:THR:HG22	11	0.24
(9,1713)	1:19:A:ALA:HB2	1:20:A:THR:HG23	11	0.24
(9,1713)	1:19:A:ALA:HB3	1:20:A:THR:HG21	11	0.24
(9,1713)	1:19:A:ALA:HB3	1:20:A:THR:HG22	11	0.24
(9,1713)	1:19:A:ALA:HB3	1:20:A:THR:HG23	11	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1697)	1:34:A:LYS:HA	1:35:A:LEU:HB3	4	0.24
(9,1678)	1:69:A:MET:HA	1:109:A:PRO:HA	15	0.24
(9,1640)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	5	0.24
(9,1640)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	5	0.24
(9,1640)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	5	0.24
(9,1640)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	5	0.24
(9,1640)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	5	0.24
(9,1640)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	5	0.24
(9,1593)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	2	0.24
(9,1593)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	2	0.24
(9,1593)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	2	0.24
(9,1568)	1:61:A:SER:HA	1:63:A:ILE:HD11	17	0.24
(9,1568)	1:61:A:SER:HA	1:63:A:ILE:HD12	17	0.24
(9,1568)	1:61:A:SER:HA	1:63:A:ILE:HD13	17	0.24
(9,1482)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	16	0.24
(9,1482)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	16	0.24
(9,1482)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	16	0.24
(9,1482)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	16	0.24
(9,1482)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	16	0.24
(9,1482)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	16	0.24
(9,1469)	1:101:A:ILE:HG21	1:115:A:ALA:H	15	0.24
(9,1469)	1:101:A:ILE:HG22	1:115:A:ALA:H	15	0.24
(9,1469)	1:101:A:ILE:HG23	1:115:A:ALA:H	15	0.24
(9,1452)	1:13:A:ALA:HB1	1:79:A:THR:HB	2	0.24
(9,1452)	1:13:A:ALA:HB2	1:79:A:THR:HB	2	0.24
(9,1452)	1:13:A:ALA:HB3	1:79:A:THR:HB	2	0.24
(9,1415)	1:73:A:ILE:HG21	1:110:A:MET:HG2	4	0.24
(9,1415)	1:73:A:ILE:HG21	1:110:A:MET:HG3	4	0.24
(9,1415)	1:73:A:ILE:HG22	1:110:A:MET:HG2	4	0.24
(9,1415)	1:73:A:ILE:HG22	1:110:A:MET:HG3	4	0.24
(9,1415)	1:73:A:ILE:HG23	1:110:A:MET:HG2	4	0.24
(9,1415)	1:73:A:ILE:HG23	1:110:A:MET:HG3	4	0.24
(9,1415)	1:73:A:ILE:HG21	1:110:A:MET:HG2	11	0.24
(9,1415)	1:73:A:ILE:HG21	1:110:A:MET:HG3	11	0.24
(9,1415)	1:73:A:ILE:HG22	1:110:A:MET:HG2	11	0.24
(9,1415)	1:73:A:ILE:HG22	1:110:A:MET:HG3	11	0.24
(9,1415)	1:73:A:ILE:HG23	1:110:A:MET:HG2	11	0.24
(9,1415)	1:73:A:ILE:HG23	1:110:A:MET:HG3	11	0.24
(9,1413)	1:70:A:LYS:HA	1:73:A:ILE:HG21	12	0.24
(9,1413)	1:70:A:LYS:HA	1:73:A:ILE:HG22	12	0.24
(9,1413)	1:70:A:LYS:HA	1:73:A:ILE:HG23	12	0.24
(9,1403)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	6	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1403)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	6	0.24
(9,1403)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	6	0.24
(9,1403)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	6	0.24
(9,1403)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	6	0.24
(9,1403)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	6	0.24
(9,1388)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	4	0.24
(9,1388)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	4	0.24
(9,1388)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	4	0.24
(9,1388)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	4	0.24
(9,1388)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	4	0.24
(9,1388)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	4	0.24
(9,1272)	1:28:A:GLY:HA2	1:30:A:LEU:HD11	2	0.24
(9,1272)	1:28:A:GLY:HA2	1:30:A:LEU:HD12	2	0.24
(9,1272)	1:28:A:GLY:HA2	1:30:A:LEU:HD13	2	0.24
(9,1272)	1:28:A:GLY:HA3	1:30:A:LEU:HD11	2	0.24
(9,1272)	1:28:A:GLY:HA3	1:30:A:LEU:HD12	2	0.24
(9,1272)	1:28:A:GLY:HA3	1:30:A:LEU:HD13	2	0.24
(9,1255)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	17	0.24
(9,1255)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	17	0.24
(9,1255)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	17	0.24
(9,1251)	1:37:A:LEU:HD11	1:38:A:GLU:HA	1	0.24
(9,1251)	1:37:A:LEU:HD12	1:38:A:GLU:HA	1	0.24
(9,1251)	1:37:A:LEU:HD13	1:38:A:GLU:HA	1	0.24
(9,1230)	1:140:A:LEU:HA	1:144:A:LEU:HD21	1	0.24
(9,1230)	1:140:A:LEU:HA	1:144:A:LEU:HD22	1	0.24
(9,1230)	1:140:A:LEU:HA	1:144:A:LEU:HD23	1	0.24
(9,1119)	1:41:A:LYS:HA	1:44:A:GLU:HG3	9	0.24
(9,1018)	1:27:A:ARG:HB2	1:28:A:GLY:HA2	9	0.24
(9,1018)	1:27:A:ARG:HB2	1:28:A:GLY:HA3	9	0.24
(9,1008)	1:27:A:ARG:HB2	1:28:A:GLY:H	6	0.24
(9,909)	1:44:A:GLU:HA	1:44:A:GLU:HG2	7	0.24
(9,909)	1:44:A:GLU:HA	1:44:A:GLU:HG2	17	0.24
(9,909)	1:44:A:GLU:HA	1:44:A:GLU:HG2	19	0.24
(9,807)	1:98:A:ILE:HD11	1:100:A:ALA:H	16	0.24
(9,807)	1:98:A:ILE:HD12	1:100:A:ALA:H	16	0.24
(9,807)	1:98:A:ILE:HD13	1:100:A:ALA:H	16	0.24
(9,800)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	17	0.24
(9,800)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	17	0.24
(9,800)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	17	0.24
(9,800)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	17	0.24
(9,800)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	17	0.24
(9,800)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	17	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD11	2	0.24
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD12	2	0.24
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD13	2	0.24
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD11	5	0.24
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD12	5	0.24
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD13	5	0.24
(9,777)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	10	0.24
(9,777)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	10	0.24
(9,777)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	10	0.24
(9,777)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	10	0.24
(9,777)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	10	0.24
(9,777)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	10	0.24
(9,777)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	10	0.24
(9,777)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	10	0.24
(9,777)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	10	0.24
(9,624)	1:44:A:GLU:HA	1:48:A:ARG:H	6	0.24
(9,545)	1:60:A:LEU:HD21	1:61:A:SER:H	10	0.24
(9,545)	1:60:A:LEU:HD22	1:61:A:SER:H	10	0.24
(9,545)	1:60:A:LEU:HD23	1:61:A:SER:H	10	0.24
(9,269)	1:27:A:ARG:HB3	1:29:A:LYS:H	6	0.24
(9,262)	1:27:A:ARG:HA	1:29:A:LYS:H	6	0.24
(9,177)	1:8:A:ASP:H	1:58:A:ILE:HG13	19	0.24
(9,168)	1:131:A:LEU:H	1:131:A:LEU:HD21	2	0.24
(9,168)	1:131:A:LEU:H	1:131:A:LEU:HD22	2	0.24
(9,168)	1:131:A:LEU:H	1:131:A:LEU:HD23	2	0.24
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB1	9	0.24
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB2	9	0.24
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB3	9	0.24
(9,131)	1:13:A:ALA:HB1	1:80:A:TYR:H	9	0.24
(9,131)	1:13:A:ALA:HB2	1:80:A:TYR:H	9	0.24
(9,131)	1:13:A:ALA:HB3	1:80:A:TYR:H	9	0.24
(9,49)	1:44:A:GLU:HB2	1:47:A:ALA:H	11	0.24
(9,49)	1:44:A:GLU:HB3	1:47:A:ALA:H	11	0.24
(9,30)	1:96:A:VAL:H	1:97:A:ASP:H	3	0.24
(9,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	13	0.24
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD11	3	0.24
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD12	3	0.24
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD13	3	0.24
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD21	3	0.24
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD22	3	0.24
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD23	3	0.24
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD11	3	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD12	3	0.24
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD13	3	0.24
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD21	3	0.24
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD22	3	0.24
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD23	3	0.24
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD11	3	0.24
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD12	3	0.24
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD13	3	0.24
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD21	3	0.24
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD22	3	0.24
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD23	3	0.24
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD11	3	0.24
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD12	3	0.24
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD13	3	0.24
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD21	3	0.24
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD22	3	0.24
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD23	3	0.24
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD11	3	0.24
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD12	3	0.24
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD13	3	0.24
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD21	3	0.24
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD22	3	0.24
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD23	3	0.24
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD11	3	0.24
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD12	3	0.24
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD13	3	0.24
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD21	3	0.24
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD22	3	0.24
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD23	3	0.24
(7,2322)	1:107:A:LEU:HD11	1:115:A:ALA:H	1	0.24
(7,2322)	1:107:A:LEU:HD12	1:115:A:ALA:H	1	0.24
(7,2322)	1:107:A:LEU:HD13	1:115:A:ALA:H	1	0.24
(7,2322)	1:107:A:LEU:HD21	1:115:A:ALA:H	1	0.24
(7,2322)	1:107:A:LEU:HD22	1:115:A:ALA:H	1	0.24
(7,2322)	1:107:A:LEU:HD23	1:115:A:ALA:H	1	0.24
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	1	0.24
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	1	0.24
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	1	0.24
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	1	0.24
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	1	0.24
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	1	0.24
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	1	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	1	0.24
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	1	0.24
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	1	0.24
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	1	0.24
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	1	0.24
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	16	0.24
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	16	0.24
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	16	0.24
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	16	0.24
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	16	0.24
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	16	0.24
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	16	0.24
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	16	0.24
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	16	0.24
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	16	0.24
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	16	0.24
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	16	0.24
(7,2247)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	3	0.24
(7,2247)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	3	0.24
(7,2247)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	3	0.24
(7,2247)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	3	0.24
(7,2173)	1:57:A:LEU:HD11	1:60:A:LEU:HG	1	0.24
(7,2173)	1:57:A:LEU:HD12	1:60:A:LEU:HG	1	0.24
(7,2173)	1:57:A:LEU:HD13	1:60:A:LEU:HG	1	0.24
(7,2173)	1:57:A:LEU:HD21	1:60:A:LEU:HG	1	0.24
(7,2173)	1:57:A:LEU:HD22	1:60:A:LEU:HG	1	0.24
(7,2173)	1:57:A:LEU:HD23	1:60:A:LEU:HG	1	0.24
(7,2149)	1:50:A:ALA:H	1:130:A:GLY:HA2	1	0.24
(7,2149)	1:50:A:ALA:H	1:130:A:GLY:HA3	1	0.24
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD11	6	0.24
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD12	6	0.24
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD13	6	0.24
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD21	6	0.24
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD22	6	0.24
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD23	6	0.24
(7,2080)	1:39:A:VAL:HB	1:140:A:LEU:HD11	5	0.24
(7,2080)	1:39:A:VAL:HB	1:140:A:LEU:HD12	5	0.24
(7,2080)	1:39:A:VAL:HB	1:140:A:LEU:HD13	5	0.24
(7,2080)	1:39:A:VAL:HB	1:140:A:LEU:HD21	5	0.24
(7,2080)	1:39:A:VAL:HB	1:140:A:LEU:HD22	5	0.24
(7,2080)	1:39:A:VAL:HB	1:140:A:LEU:HD23	5	0.24
(7,2051)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	14	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2051)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	14	0.24
(7,2051)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	14	0.24
(7,2051)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	14	0.24
(7,2051)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	14	0.24
(7,2051)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	14	0.24
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD11	16	0.24
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD12	16	0.24
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD13	16	0.24
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD21	16	0.24
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD22	16	0.24
(7,1991)	1:22:A:ASP:HA	1:23:A:LEU:HD23	16	0.24
(7,1876)	1:13:A:ALA:H	1:80:A:TYR:HE1	6	0.24
(7,1876)	1:13:A:ALA:H	1:80:A:TYR:HE2	6	0.24
(7,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	14	0.24
(7,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	14	0.24
(7,1796)	1:71:A:LYS:HD2	1:72:A:PHE:HZ	4	0.24
(7,1796)	1:71:A:LYS:HD3	1:72:A:PHE:HZ	4	0.24
(7,1796)	1:71:A:LYS:HD2	1:72:A:PHE:HZ	9	0.24
(7,1796)	1:71:A:LYS:HD3	1:72:A:PHE:HZ	9	0.24
(7,1795)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	10	0.24
(7,1795)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	10	0.24
(7,1795)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	18	0.24
(7,1795)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	18	0.24
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	15	0.24
(7,1793)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	15	0.24
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	15	0.24
(7,1793)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	15	0.24
(7,1789)	1:9:A:PHE:HZ	1:11:A:ILE:HB	7	0.24
(7,1775)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	14	0.24
(7,1775)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	14	0.24
(7,1775)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	14	0.24
(7,1775)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	14	0.24
(7,1775)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	14	0.24
(7,1775)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	14	0.24
(7,1772)	1:104:A:PHE:HE1	1:105:A:LYS:HA	17	0.24
(7,1772)	1:104:A:PHE:HE2	1:105:A:LYS:HA	17	0.24
(7,1766)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	10	0.24
(7,1766)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	10	0.24
(7,1766)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	10	0.24
(7,1766)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	10	0.24
(7,1759)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	10	0.24
(7,1759)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	10	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1759)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	10	0.24
(7,1759)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	10	0.24
(7,1759)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	10	0.24
(7,1759)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	10	0.24
(7,1757)	1:15:A:ALA:HA	1:18:A:PHE:HD1	16	0.24
(7,1757)	1:15:A:ALA:HA	1:18:A:PHE:HD2	16	0.24
(7,1672)	1:34:A:LYS:HA	1:35:A:LEU:HB3	4	0.24
(7,1567)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	12	0.24
(7,1567)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	12	0.24
(7,1567)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	12	0.24
(7,1567)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	12	0.24
(7,1567)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	12	0.24
(7,1567)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	12	0.24
(7,1531)	1:143:A:TRP:H	1:144:A:LEU:HD11	1	0.24
(7,1531)	1:143:A:TRP:H	1:144:A:LEU:HD12	1	0.24
(7,1531)	1:143:A:TRP:H	1:144:A:LEU:HD13	1	0.24
(7,1453)	1:101:A:ILE:HG21	1:115:A:ALA:H	15	0.24
(7,1453)	1:101:A:ILE:HG22	1:115:A:ALA:H	15	0.24
(7,1453)	1:101:A:ILE:HG23	1:115:A:ALA:H	15	0.24
(7,1402)	1:70:A:LYS:HA	1:73:A:ILE:HG21	12	0.24
(7,1402)	1:70:A:LYS:HA	1:73:A:ILE:HG22	12	0.24
(7,1402)	1:70:A:LYS:HA	1:73:A:ILE:HG23	12	0.24
(7,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	6	0.24
(7,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	6	0.24
(7,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	6	0.24
(7,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	6	0.24
(7,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	6	0.24
(7,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	6	0.24
(7,1378)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	4	0.24
(7,1378)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	4	0.24
(7,1378)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	4	0.24
(7,1378)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	4	0.24
(7,1378)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	4	0.24
(7,1378)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	4	0.24
(7,1363)	1:107:A:LEU:HD11	1:111:A:GLU:HB2	19	0.24
(7,1363)	1:107:A:LEU:HD11	1:111:A:GLU:HB3	19	0.24
(7,1363)	1:107:A:LEU:HD12	1:111:A:GLU:HB2	19	0.24
(7,1363)	1:107:A:LEU:HD12	1:111:A:GLU:HB3	19	0.24
(7,1363)	1:107:A:LEU:HD13	1:111:A:GLU:HB2	19	0.24
(7,1363)	1:107:A:LEU:HD13	1:111:A:GLU:HB3	19	0.24
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	15	0.24
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	15	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	15	0.24
(7,1317)	1:131:A:LEU:H	1:131:A:LEU:HD21	2	0.24
(7,1317)	1:131:A:LEU:H	1:131:A:LEU:HD22	2	0.24
(7,1317)	1:131:A:LEU:H	1:131:A:LEU:HD23	2	0.24
(7,1215)	1:39:A:VAL:H	1:139:A:LEU:HD21	4	0.24
(7,1215)	1:39:A:VAL:H	1:139:A:LEU:HD22	4	0.24
(7,1215)	1:39:A:VAL:H	1:139:A:LEU:HD23	4	0.24
(7,1108)	1:40:A:LEU:HA	1:40:A:LEU:HD21	18	0.24
(7,1108)	1:40:A:LEU:HA	1:40:A:LEU:HD22	18	0.24
(7,1108)	1:40:A:LEU:HA	1:40:A:LEU:HD23	18	0.24
(7,958)	1:67:A:PRO:HA	1:70:A:LYS:HB2	2	0.24
(7,958)	1:67:A:PRO:HA	1:70:A:LYS:HB3	2	0.24
(7,951)	1:110:A:MET:HG2	1:114:A:ILE:HD11	19	0.24
(7,951)	1:110:A:MET:HG2	1:114:A:ILE:HD12	19	0.24
(7,951)	1:110:A:MET:HG2	1:114:A:ILE:HD13	19	0.24
(7,951)	1:110:A:MET:HG3	1:114:A:ILE:HD11	19	0.24
(7,951)	1:110:A:MET:HG3	1:114:A:ILE:HD12	19	0.24
(7,951)	1:110:A:MET:HG3	1:114:A:ILE:HD13	19	0.24
(7,948)	1:11:A:ILE:HD11	1:43:A:MET:HB3	15	0.24
(7,948)	1:11:A:ILE:HD12	1:43:A:MET:HB3	15	0.24
(7,948)	1:11:A:ILE:HD13	1:43:A:MET:HB3	15	0.24
(7,934)	1:11:A:ILE:HD11	1:12:A:VAL:HA	16	0.24
(7,934)	1:11:A:ILE:HD12	1:12:A:VAL:HA	16	0.24
(7,934)	1:11:A:ILE:HD13	1:12:A:VAL:HA	16	0.24
(7,908)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	17	0.24
(7,908)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	17	0.24
(7,908)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	17	0.24
(7,800)	1:98:A:ILE:HD11	1:100:A:ALA:H	16	0.24
(7,800)	1:98:A:ILE:HD12	1:100:A:ALA:H	16	0.24
(7,800)	1:98:A:ILE:HD13	1:100:A:ALA:H	16	0.24
(7,783)	1:63:A:ILE:HD11	1:117:A:VAL:HB	14	0.24
(7,783)	1:63:A:ILE:HD12	1:117:A:VAL:HB	14	0.24
(7,783)	1:63:A:ILE:HD13	1:117:A:VAL:HB	14	0.24
(7,771)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	10	0.24
(7,771)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	10	0.24
(7,771)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	10	0.24
(7,771)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	10	0.24
(7,771)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	10	0.24
(7,771)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	10	0.24
(7,771)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	10	0.24
(7,771)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	10	0.24
(7,771)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	10	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,770)	1:101:A:ILE:HD11	1:119:A:LEU:HG	15	0.24
(7,770)	1:101:A:ILE:HD12	1:119:A:LEU:HG	15	0.24
(7,770)	1:101:A:ILE:HD13	1:119:A:LEU:HG	15	0.24
(7,623)	1:44:A:GLU:HA	1:48:A:ARG:H	6	0.24
(7,489)	1:79:A:THR:H	1:79:A:THR:HG21	14	0.24
(7,489)	1:79:A:THR:H	1:79:A:THR:HG22	14	0.24
(7,489)	1:79:A:THR:H	1:79:A:THR:HG23	14	0.24
(7,251)	1:58:A:ILE:H	1:58:A:ILE:HD11	6	0.24
(7,251)	1:58:A:ILE:H	1:58:A:ILE:HD12	6	0.24
(7,251)	1:58:A:ILE:H	1:58:A:ILE:HD13	6	0.24
(7,157)	1:127:A:CYS:H	1:128:A:LEU:HB2	6	0.24
(7,131)	1:13:A:ALA:HB1	1:80:A:TYR:H	9	0.24
(7,131)	1:13:A:ALA:HB2	1:80:A:TYR:H	9	0.24
(7,131)	1:13:A:ALA:HB3	1:80:A:TYR:H	9	0.24
(7,71)	1:29:A:LYS:H	1:30:A:LEU:H	18	0.24
(7,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	13	0.24
(6,2337)	1:107:A:LEU:HD11	1:115:A:ALA:H	1	0.24
(6,2337)	1:107:A:LEU:HD12	1:115:A:ALA:H	1	0.24
(6,2337)	1:107:A:LEU:HD13	1:115:A:ALA:H	1	0.24
(6,2337)	1:107:A:LEU:HD21	1:115:A:ALA:H	1	0.24
(6,2337)	1:107:A:LEU:HD22	1:115:A:ALA:H	1	0.24
(6,2337)	1:107:A:LEU:HD23	1:115:A:ALA:H	1	0.24
(6,2322)	1:105:A:LYS:HG2	1:112:A:GLN:HE21	4	0.24
(6,2322)	1:105:A:LYS:HG3	1:112:A:GLN:HE21	4	0.24
(6,2321)	1:105:A:LYS:HG2	1:106:A:ASP:HA	4	0.24
(6,2321)	1:105:A:LYS:HG3	1:106:A:ASP:HA	4	0.24
(6,2249)	1:69:A:MET:HG2	1:109:A:PRO:HA	5	0.24
(6,2249)	1:69:A:MET:HG3	1:109:A:PRO:HA	5	0.24
(6,2213)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	1	0.24
(6,2213)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	1	0.24
(6,2213)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	1	0.24
(6,2213)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	1	0.24
(6,2213)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	1	0.24
(6,2213)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	1	0.24
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG11	18	0.24
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG12	18	0.24
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG13	18	0.24
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG21	18	0.24
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG22	18	0.24
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG23	18	0.24
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG11	18	0.24
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG12	18	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG13	18	0.24
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG21	18	0.24
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG22	18	0.24
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG23	18	0.24
(6,2105)	1:39:A:VAL:HB	1:140:A:LEU:HD11	5	0.24
(6,2105)	1:39:A:VAL:HB	1:140:A:LEU:HD12	5	0.24
(6,2105)	1:39:A:VAL:HB	1:140:A:LEU:HD13	5	0.24
(6,2105)	1:39:A:VAL:HB	1:140:A:LEU:HD21	5	0.24
(6,2105)	1:39:A:VAL:HB	1:140:A:LEU:HD22	5	0.24
(6,2105)	1:39:A:VAL:HB	1:140:A:LEU:HD23	5	0.24
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD11	12	0.24
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD12	12	0.24
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD13	12	0.24
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD21	12	0.24
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD22	12	0.24
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD23	12	0.24
(6,2039)	1:21:A:THR:HB	1:23:A:LEU:HD11	11	0.24
(6,2039)	1:21:A:THR:HB	1:23:A:LEU:HD12	11	0.24
(6,2039)	1:21:A:THR:HB	1:23:A:LEU:HD13	11	0.24
(6,2039)	1:21:A:THR:HB	1:23:A:LEU:HD21	11	0.24
(6,2039)	1:21:A:THR:HB	1:23:A:LEU:HD22	11	0.24
(6,2039)	1:21:A:THR:HB	1:23:A:LEU:HD23	11	0.24
(6,2029)	1:17:A:ASN:HD21	1:79:A:THR:H	16	0.24
(6,2029)	1:17:A:ASN:HD22	1:79:A:THR:H	16	0.24
(6,2000)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	4	0.24
(6,2000)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	4	0.24
(6,2000)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	4	0.24
(6,2000)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	4	0.24
(6,2000)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	4	0.24
(6,2000)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	4	0.24
(6,2000)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	4	0.24
(6,2000)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	4	0.24
(6,2000)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	4	0.24
(6,2000)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	4	0.24
(6,2000)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	4	0.24
(6,2000)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	4	0.24
(6,1941)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	7	0.24
(6,1941)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	7	0.24
(6,1941)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	7	0.24
(6,1941)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	7	0.24
(6,1941)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	7	0.24
(6,1941)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	7	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1941)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	7	0.24
(6,1941)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	7	0.24
(6,1941)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	7	0.24
(6,1941)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	7	0.24
(6,1941)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	7	0.24
(6,1941)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	7	0.24
(6,1924)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	10	0.24
(6,1912)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	14	0.24
(6,1912)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	14	0.24
(6,1912)	1:113:A:PHE:HE1	1:114:A:ILE:HG12	14	0.24
(6,1912)	1:113:A:PHE:HE2	1:114:A:ILE:HG12	14	0.24
(6,1862)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	1	0.24
(6,1832)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	2	0.24
(6,1832)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	2	0.24
(6,1826)	1:9:A:PHE:HZ	1:11:A:ILE:HB	7	0.24
(6,1811)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	19	0.24
(6,1811)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	19	0.24
(6,1805)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	10	0.24
(6,1805)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	10	0.24
(6,1805)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	10	0.24
(6,1805)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	10	0.24
(6,1797)	1:15:A:ALA:HA	1:18:A:PHE:HD1	16	0.24
(6,1797)	1:15:A:ALA:HA	1:18:A:PHE:HD2	16	0.24
(6,1772)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	17	0.24
(6,1772)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	17	0.24
(6,1772)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	17	0.24
(6,1707)	1:141:A:LYS:HA	1:145:A:PRO:HD3	6	0.24
(6,1703)	1:34:A:LYS:HA	1:35:A:LEU:HB3	4	0.24
(6,1595)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	12	0.24
(6,1595)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	12	0.24
(6,1595)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	12	0.24
(6,1595)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	12	0.24
(6,1595)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	12	0.24
(6,1595)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	12	0.24
(6,1577)	1:63:A:ILE:HD11	1:113:A:PHE:HA	3	0.24
(6,1577)	1:63:A:ILE:HD12	1:113:A:PHE:HA	3	0.24
(6,1577)	1:63:A:ILE:HD13	1:113:A:PHE:HA	3	0.24
(6,1572)	1:61:A:SER:HA	1:63:A:ILE:HD11	17	0.24
(6,1572)	1:61:A:SER:HA	1:63:A:ILE:HD12	17	0.24
(6,1572)	1:61:A:SER:HA	1:63:A:ILE:HD13	17	0.24
(6,1548)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	8	0.24
(6,1548)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	8	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1548)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	8	0.24
(6,1483)	1:47:A:ALA:HB1	1:57:A:LEU:HD21	17	0.24
(6,1483)	1:47:A:ALA:HB1	1:57:A:LEU:HD22	17	0.24
(6,1483)	1:47:A:ALA:HB1	1:57:A:LEU:HD23	17	0.24
(6,1483)	1:47:A:ALA:HB2	1:57:A:LEU:HD21	17	0.24
(6,1483)	1:47:A:ALA:HB2	1:57:A:LEU:HD22	17	0.24
(6,1483)	1:47:A:ALA:HB2	1:57:A:LEU:HD23	17	0.24
(6,1483)	1:47:A:ALA:HB3	1:57:A:LEU:HD21	17	0.24
(6,1483)	1:47:A:ALA:HB3	1:57:A:LEU:HD22	17	0.24
(6,1483)	1:47:A:ALA:HB3	1:57:A:LEU:HD23	17	0.24
(6,1416)	1:73:A:ILE:HG21	1:110:A:MET:HG2	4	0.24
(6,1416)	1:73:A:ILE:HG21	1:110:A:MET:HG3	4	0.24
(6,1416)	1:73:A:ILE:HG22	1:110:A:MET:HG2	4	0.24
(6,1416)	1:73:A:ILE:HG22	1:110:A:MET:HG3	4	0.24
(6,1416)	1:73:A:ILE:HG23	1:110:A:MET:HG2	4	0.24
(6,1416)	1:73:A:ILE:HG23	1:110:A:MET:HG3	4	0.24
(6,1416)	1:73:A:ILE:HG21	1:110:A:MET:HG2	11	0.24
(6,1416)	1:73:A:ILE:HG21	1:110:A:MET:HG3	11	0.24
(6,1416)	1:73:A:ILE:HG22	1:110:A:MET:HG2	11	0.24
(6,1416)	1:73:A:ILE:HG22	1:110:A:MET:HG3	11	0.24
(6,1416)	1:73:A:ILE:HG23	1:110:A:MET:HG2	11	0.24
(6,1416)	1:73:A:ILE:HG23	1:110:A:MET:HG3	11	0.24
(6,1414)	1:70:A:LYS:HA	1:73:A:ILE:HG21	12	0.24
(6,1414)	1:70:A:LYS:HA	1:73:A:ILE:HG22	12	0.24
(6,1414)	1:70:A:LYS:HA	1:73:A:ILE:HG23	12	0.24
(6,1356)	1:120:A:CYS:HA	1:121:A:VAL:HG11	2	0.24
(6,1356)	1:120:A:CYS:HA	1:121:A:VAL:HG12	2	0.24
(6,1356)	1:120:A:CYS:HA	1:121:A:VAL:HG13	2	0.24
(6,1117)	1:140:A:LEU:HA	1:144:A:LEU:HD21	1	0.24
(6,1117)	1:140:A:LEU:HA	1:144:A:LEU:HD22	1	0.24
(6,1117)	1:140:A:LEU:HA	1:144:A:LEU:HD23	1	0.24
(6,978)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	2	0.24
(6,927)	1:60:A:LEU:HB3	1:117:A:VAL:HA	17	0.24
(6,809)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	4	0.24
(6,809)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	4	0.24
(6,809)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	4	0.24
(6,804)	1:98:A:ILE:HD11	1:100:A:ALA:H	16	0.24
(6,804)	1:98:A:ILE:HD12	1:100:A:ALA:H	16	0.24
(6,804)	1:98:A:ILE:HD13	1:100:A:ALA:H	16	0.24
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD11	2	0.24
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD12	2	0.24
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD13	2	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD11	5	0.24
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD12	5	0.24
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD13	5	0.24
(6,788)	1:63:A:ILE:HD11	1:117:A:VAL:HB	3	0.24
(6,788)	1:63:A:ILE:HD12	1:117:A:VAL:HB	3	0.24
(6,788)	1:63:A:ILE:HD13	1:117:A:VAL:HB	3	0.24
(6,778)	1:63:A:ILE:HD11	1:64:A:LYS:H	19	0.24
(6,778)	1:63:A:ILE:HD12	1:64:A:LYS:H	19	0.24
(6,778)	1:63:A:ILE:HD13	1:64:A:LYS:H	19	0.24
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	2	0.24
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	2	0.24
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	2	0.24
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	2	0.24
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	2	0.24
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	2	0.24
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	2	0.24
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	2	0.24
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	2	0.24
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	8	0.24
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	8	0.24
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	8	0.24
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	8	0.24
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	8	0.24
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	8	0.24
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	8	0.24
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	8	0.24
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	8	0.24
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	14	0.24
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	14	0.24
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	14	0.24
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	14	0.24
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	14	0.24
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	14	0.24
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	14	0.24
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	14	0.24
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	14	0.24
(6,700)	1:27:A:ARG:HB3	1:27:A:ARG:HE	18	0.24
(6,700)	1:27:A:ARG:HB2	1:27:A:ARG:HE	18	0.24
(6,536)	1:60:A:LEU:HD21	1:61:A:SER:H	10	0.24
(6,536)	1:60:A:LEU:HD22	1:61:A:SER:H	10	0.24
(6,536)	1:60:A:LEU:HD23	1:61:A:SER:H	10	0.24
(6,216)	1:44:A:GLU:HB2	1:48:A:ARG:H	4	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,216)	1:44:A:GLU:HB3	1:48:A:ARG:H	4	0.24
(6,173)	1:8:A:ASP:H	1:58:A:ILE:HG13	19	0.24
(6,157)	1:127:A:CYS:H	1:128:A:LEU:HB2	6	0.24
(6,130)	1:13:A:ALA:HB1	1:80:A:TYR:H	9	0.24
(6,130)	1:13:A:ALA:HB2	1:80:A:TYR:H	9	0.24
(6,130)	1:13:A:ALA:HB3	1:80:A:TYR:H	9	0.24
(6,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	13	0.24
(5,2453)	1:141:A:LYS:HA	1:148:A:CYS:HB2	12	0.24
(5,2453)	1:141:A:LYS:HA	1:148:A:CYS:HB3	12	0.24
(5,2333)	1:107:A:LEU:HD11	1:115:A:ALA:H	1	0.24
(5,2333)	1:107:A:LEU:HD12	1:115:A:ALA:H	1	0.24
(5,2333)	1:107:A:LEU:HD13	1:115:A:ALA:H	1	0.24
(5,2333)	1:107:A:LEU:HD21	1:115:A:ALA:H	1	0.24
(5,2333)	1:107:A:LEU:HD22	1:115:A:ALA:H	1	0.24
(5,2333)	1:107:A:LEU:HD23	1:115:A:ALA:H	1	0.24
(5,2251)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	12	0.24
(5,2251)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	12	0.24
(5,2251)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	12	0.24
(5,2251)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	12	0.24
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	8	0.24
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	8	0.24
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	8	0.24
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	8	0.24
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	8	0.24
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	8	0.24
(5,2173)	1:50:A:ALA:H	1:130:A:GLY:HA2	1	0.24
(5,2173)	1:50:A:ALA:H	1:130:A:GLY:HA3	1	0.24
(5,2145)	1:43:A:MET:HE1	1:131:A:LEU:HD11	4	0.24
(5,2145)	1:43:A:MET:HE1	1:131:A:LEU:HD12	4	0.24
(5,2145)	1:43:A:MET:HE1	1:131:A:LEU:HD13	4	0.24
(5,2145)	1:43:A:MET:HE1	1:131:A:LEU:HD21	4	0.24
(5,2145)	1:43:A:MET:HE1	1:131:A:LEU:HD22	4	0.24
(5,2145)	1:43:A:MET:HE1	1:131:A:LEU:HD23	4	0.24
(5,2145)	1:43:A:MET:HE2	1:131:A:LEU:HD11	4	0.24
(5,2145)	1:43:A:MET:HE2	1:131:A:LEU:HD12	4	0.24
(5,2145)	1:43:A:MET:HE2	1:131:A:LEU:HD13	4	0.24
(5,2145)	1:43:A:MET:HE2	1:131:A:LEU:HD21	4	0.24
(5,2145)	1:43:A:MET:HE2	1:131:A:LEU:HD22	4	0.24
(5,2145)	1:43:A:MET:HE2	1:131:A:LEU:HD23	4	0.24
(5,2145)	1:43:A:MET:HE3	1:131:A:LEU:HD11	4	0.24
(5,2145)	1:43:A:MET:HE3	1:131:A:LEU:HD12	4	0.24
(5,2145)	1:43:A:MET:HE3	1:131:A:LEU:HD13	4	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2145)	1:43:A:MET:HE3	1:131:A:LEU:HD21	4	0.24
(5,2145)	1:43:A:MET:HE3	1:131:A:LEU:HD22	4	0.24
(5,2145)	1:43:A:MET:HE3	1:131:A:LEU:HD23	4	0.24
(5,2088)	1:39:A:VAL:H	1:140:A:LEU:HD11	13	0.24
(5,2088)	1:39:A:VAL:H	1:140:A:LEU:HD12	13	0.24
(5,2088)	1:39:A:VAL:H	1:140:A:LEU:HD13	13	0.24
(5,2088)	1:39:A:VAL:H	1:140:A:LEU:HD21	13	0.24
(5,2088)	1:39:A:VAL:H	1:140:A:LEU:HD22	13	0.24
(5,2088)	1:39:A:VAL:H	1:140:A:LEU:HD23	13	0.24
(5,2066)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	14	0.24
(5,2066)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	14	0.24
(5,2066)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	14	0.24
(5,2066)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	14	0.24
(5,2066)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	14	0.24
(5,2066)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	14	0.24
(5,2065)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	2	0.24
(5,2065)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	2	0.24
(5,2065)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	2	0.24
(5,2065)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	2	0.24
(5,2065)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	2	0.24
(5,2065)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	2	0.24
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG11	1	0.24
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG12	1	0.24
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG13	1	0.24
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG21	1	0.24
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG22	1	0.24
(5,2006)	1:17:A:ASN:HD21	1:117:A:VAL:HG23	1	0.24
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG11	1	0.24
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG12	1	0.24
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG13	1	0.24
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG21	1	0.24
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG22	1	0.24
(5,2006)	1:17:A:ASN:HD22	1:117:A:VAL:HG23	1	0.24
(5,1996)	1:16:A:SER:H	1:17:A:ASN:HD21	19	0.24
(5,1996)	1:16:A:SER:H	1:17:A:ASN:HD22	19	0.24
(5,1989)	1:15:A:ALA:H	1:17:A:ASN:HD21	18	0.24
(5,1989)	1:15:A:ALA:H	1:17:A:ASN:HD22	18	0.24
(5,1927)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	13	0.24
(5,1927)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	13	0.24
(5,1927)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	13	0.24
(5,1927)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	13	0.24
(5,1927)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	13	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1927)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	13	0.24
(5,1925)	1:150:A:THR:H	1:151:A:PHE:HD1	6	0.24
(5,1925)	1:150:A:THR:H	1:151:A:PHE:HD2	6	0.24
(5,1899)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	0.24
(5,1899)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	0.24
(5,1899)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	0.24
(5,1899)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	0.24
(5,1899)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	0.24
(5,1899)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	0.24
(5,1884)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	9	0.24
(5,1848)	1:9:A:PHE:HZ	1:11:A:ILE:HB	7	0.24
(5,1833)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	19	0.24
(5,1833)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	19	0.24
(5,1821)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	19	0.24
(5,1821)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	19	0.24
(5,1821)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	19	0.24
(5,1821)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	19	0.24
(5,1821)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	19	0.24
(5,1821)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	19	0.24
(5,1818)	1:72:A:PHE:HD1	1:109:A:PRO:HG3	7	0.24
(5,1818)	1:72:A:PHE:HD2	1:109:A:PRO:HG3	7	0.24
(5,1817)	1:15:A:ALA:HA	1:18:A:PHE:HD1	16	0.24
(5,1817)	1:15:A:ALA:HA	1:18:A:PHE:HD2	16	0.24
(5,1793)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	17	0.24
(5,1793)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	17	0.24
(5,1793)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	17	0.24
(5,1724)	1:34:A:LYS:HA	1:35:A:LEU:HB3	4	0.24
(5,1706)	1:69:A:MET:HA	1:109:A:PRO:HA	15	0.24
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	8	0.24
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	8	0.24
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	18	0.24
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	18	0.24
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	4	0.24
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	4	0.24
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	4	0.24
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	4	0.24
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	9	0.24
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	9	0.24
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	9	0.24
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	9	0.24
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB2	8	0.24
(5,1679)	1:108:A:GLU:H	1:112:A:GLN:HB3	8	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1647)	1:111:A:GLU:HA	1:114:A:ILE:HG21	6	0.24
(5,1647)	1:111:A:GLU:HA	1:114:A:ILE:HG22	6	0.24
(5,1647)	1:111:A:GLU:HA	1:114:A:ILE:HG23	6	0.24
(5,1613)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	2	0.24
(5,1613)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	2	0.24
(5,1613)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	2	0.24
(5,1565)	1:40:A:LEU:HD21	1:43:A:MET:H	12	0.24
(5,1565)	1:40:A:LEU:HD22	1:43:A:MET:H	12	0.24
(5,1565)	1:40:A:LEU:HD23	1:43:A:MET:H	12	0.24
(5,1437)	1:70:A:LYS:HA	1:73:A:ILE:HG21	12	0.24
(5,1437)	1:70:A:LYS:HA	1:73:A:ILE:HG22	12	0.24
(5,1437)	1:70:A:LYS:HA	1:73:A:ILE:HG23	12	0.24
(5,1419)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	4	0.24
(5,1419)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	4	0.24
(5,1419)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	4	0.24
(5,1385)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	15	0.24
(5,1385)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	15	0.24
(5,1385)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	15	0.24
(5,1377)	1:120:A:CYS:HA	1:121:A:VAL:HG11	2	0.24
(5,1377)	1:120:A:CYS:HA	1:121:A:VAL:HG12	2	0.24
(5,1377)	1:120:A:CYS:HA	1:121:A:VAL:HG13	2	0.24
(5,1303)	1:14:A:VAL:HG21	1:61:A:SER:HB2	17	0.24
(5,1303)	1:14:A:VAL:HG22	1:61:A:SER:HB2	17	0.24
(5,1303)	1:14:A:VAL:HG23	1:61:A:SER:HB2	17	0.24
(5,1286)	1:28:A:GLY:HA2	1:30:A:LEU:HD11	2	0.24
(5,1286)	1:28:A:GLY:HA2	1:30:A:LEU:HD12	2	0.24
(5,1286)	1:28:A:GLY:HA2	1:30:A:LEU:HD13	2	0.24
(5,1286)	1:28:A:GLY:HA3	1:30:A:LEU:HD11	2	0.24
(5,1286)	1:28:A:GLY:HA3	1:30:A:LEU:HD12	2	0.24
(5,1286)	1:28:A:GLY:HA3	1:30:A:LEU:HD13	2	0.24
(5,1247)	1:39:A:VAL:H	1:139:A:LEU:HD21	3	0.24
(5,1247)	1:39:A:VAL:H	1:139:A:LEU:HD22	3	0.24
(5,1247)	1:39:A:VAL:H	1:139:A:LEU:HD23	3	0.24
(5,1246)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	11	0.24
(5,1246)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	11	0.24
(5,1246)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	11	0.24
(5,1237)	1:140:A:LEU:HA	1:144:A:LEU:HD21	1	0.24
(5,1237)	1:140:A:LEU:HA	1:144:A:LEU:HD22	1	0.24
(5,1237)	1:140:A:LEU:HA	1:144:A:LEU:HD23	1	0.24
(5,1234)	1:37:A:LEU:H	1:37:A:LEU:HD11	14	0.24
(5,1234)	1:37:A:LEU:H	1:37:A:LEU:HD12	14	0.24
(5,1234)	1:37:A:LEU:H	1:37:A:LEU:HD13	14	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1097)	1:141:A:LYS:HA	1:148:A:CYS:HB3	5	0.24
(5,973)	1:67:A:PRO:HA	1:70:A:LYS:HB2	2	0.24
(5,973)	1:67:A:PRO:HA	1:70:A:LYS:HB3	2	0.24
(5,836)	1:45:A:ALA:HA	1:48:A:ARG:HD2	4	0.24
(5,836)	1:45:A:ALA:HA	1:48:A:ARG:HD3	4	0.24
(5,809)	1:98:A:ILE:HD11	1:100:A:ALA:H	16	0.24
(5,809)	1:98:A:ILE:HD12	1:100:A:ALA:H	16	0.24
(5,809)	1:98:A:ILE:HD13	1:100:A:ALA:H	16	0.24
(5,797)	1:58:A:ILE:HD11	1:59:A:CYS:H	4	0.24
(5,797)	1:58:A:ILE:HD12	1:59:A:CYS:H	4	0.24
(5,797)	1:58:A:ILE:HD13	1:59:A:CYS:H	4	0.24
(5,797)	1:58:A:ILE:HD11	1:59:A:CYS:H	9	0.24
(5,797)	1:58:A:ILE:HD12	1:59:A:CYS:H	9	0.24
(5,797)	1:58:A:ILE:HD13	1:59:A:CYS:H	9	0.24
(5,624)	1:44:A:GLU:HA	1:48:A:ARG:H	6	0.24
(5,554)	1:116:A:GLN:H	1:116:A:GLN:HE22	6	0.24
(5,420)	1:39:A:VAL:HG21	1:143:A:TRP:H	6	0.24
(5,420)	1:39:A:VAL:HG22	1:143:A:TRP:H	6	0.24
(5,420)	1:39:A:VAL:HG23	1:143:A:TRP:H	6	0.24
(5,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	11	0.24
(5,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	11	0.24
(5,249)	1:27:A:ARG:HA	1:29:A:LYS:H	6	0.24
(5,242)	1:58:A:ILE:H	1:58:A:ILE:HD11	6	0.24
(5,242)	1:58:A:ILE:H	1:58:A:ILE:HD12	6	0.24
(5,242)	1:58:A:ILE:H	1:58:A:ILE:HD13	6	0.24
(5,152)	1:127:A:CYS:H	1:128:A:LEU:HB2	6	0.24
(5,127)	1:13:A:ALA:HB1	1:80:A:TYR:H	9	0.24
(5,127)	1:13:A:ALA:HB2	1:80:A:TYR:H	9	0.24
(5,127)	1:13:A:ALA:HB3	1:80:A:TYR:H	9	0.24
(5,69)	1:29:A:LYS:H	1:30:A:LEU:H	18	0.24
(5,7)	1:64:A:LYS:H	1:116:A:GLN:HE22	2	0.24
(5,7)	1:64:A:LYS:H	1:116:A:GLN:HE22	16	0.24
(4,2477)	1:150:A:THR:H	1:151:A:PHE:HB2	11	0.24
(4,2477)	1:150:A:THR:H	1:151:A:PHE:HB3	11	0.24
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	1	0.24
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	1	0.24
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	1	0.24
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	1	0.24
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	1	0.24
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	1	0.24
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	1	0.24
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	1	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	1	0.24
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	1	0.24
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	1	0.24
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	1	0.24
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	16	0.24
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	16	0.24
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	16	0.24
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	16	0.24
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	16	0.24
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	16	0.24
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	16	0.24
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	16	0.24
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	16	0.24
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	16	0.24
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	16	0.24
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	16	0.24
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG11	10	0.24
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG12	10	0.24
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG13	10	0.24
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG21	10	0.24
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG22	10	0.24
(4,2274)	1:95:A:ILE:H	1:96:A:VAL:HG23	10	0.24
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG11	12	0.24
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG12	12	0.24
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG13	12	0.24
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG21	12	0.24
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG22	12	0.24
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG23	12	0.24
(4,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB2	13	0.24
(4,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB3	13	0.24
(4,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB2	13	0.24
(4,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB3	13	0.24
(4,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB2	13	0.24
(4,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB3	13	0.24
(4,2244)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	12	0.24
(4,2244)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	12	0.24
(4,2244)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	12	0.24
(4,2244)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	12	0.24
(4,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD11	7	0.24
(4,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD12	7	0.24
(4,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD13	7	0.24
(4,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD21	7	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD22	7	0.24
(4,2146)	1:43:A:MET:HE1	1:131:A:LEU:HD23	7	0.24
(4,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD11	7	0.24
(4,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD12	7	0.24
(4,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD13	7	0.24
(4,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD21	7	0.24
(4,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD22	7	0.24
(4,2146)	1:43:A:MET:HE2	1:131:A:LEU:HD23	7	0.24
(4,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD11	7	0.24
(4,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD12	7	0.24
(4,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD13	7	0.24
(4,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD21	7	0.24
(4,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD22	7	0.24
(4,2146)	1:43:A:MET:HE3	1:131:A:LEU:HD23	7	0.24
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD11	17	0.24
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD12	17	0.24
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD13	17	0.24
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD21	17	0.24
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD22	17	0.24
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD23	17	0.24
(4,1998)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	2	0.24
(4,1998)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	2	0.24
(4,1998)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	2	0.24
(4,1998)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	2	0.24
(4,1998)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	2	0.24
(4,1998)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	2	0.24
(4,1998)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	2	0.24
(4,1998)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	2	0.24
(4,1998)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	2	0.24
(4,1998)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	2	0.24
(4,1998)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	2	0.24
(4,1998)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	2	0.24
(4,1998)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	2	0.24
(4,1998)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	2	0.24
(4,1998)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	2	0.24
(4,1998)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	2	0.24
(4,1998)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	2	0.24
(4,1998)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	2	0.24
(4,1890)	1:58:A:ILE:HB	1:62:A:HIS:HE1	12	0.24
(4,1880)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	14	0.24
(4,1880)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	14	0.24
(4,1880)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	14	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1880)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	14	0.24
(4,1880)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	14	0.24
(4,1880)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	14	0.24
(4,1879)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	8	0.24
(4,1879)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	8	0.24
(4,1866)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	2	0.24
(4,1866)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	2	0.24
(4,1866)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	2	0.24
(4,1866)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	14	0.24
(4,1866)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	14	0.24
(4,1866)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	14	0.24
(4,1860)	1:104:A:PHE:HE1	1:115:A:ALA:H	12	0.24
(4,1860)	1:104:A:PHE:HE2	1:115:A:ALA:H	12	0.24
(4,1806)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	10	0.24
(4,1806)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	10	0.24
(4,1806)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	18	0.24
(4,1806)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	18	0.24
(4,1802)	1:9:A:PHE:HZ	1:11:A:ILE:HB	7	0.24
(4,1794)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	7	0.24
(4,1794)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	7	0.24
(4,1788)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	14	0.24
(4,1788)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	14	0.24
(4,1788)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	14	0.24
(4,1788)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	14	0.24
(4,1788)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	14	0.24
(4,1788)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	14	0.24
(4,1786)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	19	0.24
(4,1786)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	19	0.24
(4,1784)	1:104:A:PHE:HE1	1:105:A:LYS:HA	17	0.24
(4,1784)	1:104:A:PHE:HE2	1:105:A:LYS:HA	17	0.24
(4,1777)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	10	0.24
(4,1777)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	10	0.24
(4,1773)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	19	0.24
(4,1773)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	19	0.24
(4,1773)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	19	0.24
(4,1773)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	19	0.24
(4,1773)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	19	0.24
(4,1773)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	19	0.24
(4,1771)	1:72:A:PHE:HD1	1:109:A:PRO:HB2	12	0.24
(4,1771)	1:72:A:PHE:HD1	1:109:A:PRO:HB3	12	0.24
(4,1771)	1:72:A:PHE:HD2	1:109:A:PRO:HB2	12	0.24
(4,1771)	1:72:A:PHE:HD2	1:109:A:PRO:HB3	12	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1770)	1:15:A:ALA:HA	1:18:A:PHE:HD1	16	0.24
(4,1770)	1:15:A:ALA:HA	1:18:A:PHE:HD2	16	0.24
(4,1748)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	17	0.24
(4,1748)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	17	0.24
(4,1748)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	17	0.24
(4,1681)	1:34:A:LYS:HA	1:35:A:LEU:HB3	4	0.24
(4,1562)	1:101:A:ILE:HD11	1:112:A:GLN:HA	7	0.24
(4,1562)	1:101:A:ILE:HD12	1:112:A:GLN:HA	7	0.24
(4,1562)	1:101:A:ILE:HD13	1:112:A:GLN:HA	7	0.24
(4,1532)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	8	0.24
(4,1532)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	8	0.24
(4,1532)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	8	0.24
(4,1515)	1:69:A:MET:HE1	1:76:A:ARG:HG2	16	0.24
(4,1515)	1:69:A:MET:HE1	1:76:A:ARG:HG3	16	0.24
(4,1515)	1:69:A:MET:HE2	1:76:A:ARG:HG2	16	0.24
(4,1515)	1:69:A:MET:HE2	1:76:A:ARG:HG3	16	0.24
(4,1515)	1:69:A:MET:HE3	1:76:A:ARG:HG2	16	0.24
(4,1515)	1:69:A:MET:HE3	1:76:A:ARG:HG3	16	0.24
(4,1502)	1:110:A:MET:HE1	1:113:A:PHE:HE1	12	0.24
(4,1502)	1:110:A:MET:HE1	1:113:A:PHE:HE2	12	0.24
(4,1502)	1:110:A:MET:HE2	1:113:A:PHE:HE1	12	0.24
(4,1502)	1:110:A:MET:HE2	1:113:A:PHE:HE2	12	0.24
(4,1502)	1:110:A:MET:HE3	1:113:A:PHE:HE1	12	0.24
(4,1502)	1:110:A:MET:HE3	1:113:A:PHE:HE2	12	0.24
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE1	2	0.24
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE2	2	0.24
(4,1495)	1:11:A:ILE:HD11	1:43:A:MET:HE3	2	0.24
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE1	2	0.24
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE2	2	0.24
(4,1495)	1:11:A:ILE:HD12	1:43:A:MET:HE3	2	0.24
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE1	2	0.24
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE2	2	0.24
(4,1495)	1:11:A:ILE:HD13	1:43:A:MET:HE3	2	0.24
(4,1460)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	10	0.24
(4,1460)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	10	0.24
(4,1460)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	10	0.24
(4,1460)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	10	0.24
(4,1460)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	10	0.24
(4,1460)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	10	0.24
(4,1457)	1:101:A:ILE:HG21	1:115:A:ALA:H	15	0.24
(4,1457)	1:101:A:ILE:HG22	1:115:A:ALA:H	15	0.24
(4,1457)	1:101:A:ILE:HG23	1:115:A:ALA:H	15	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1401)	1:73:A:ILE:HG21	1:110:A:MET:HG2	4	0.24
(4,1401)	1:73:A:ILE:HG21	1:110:A:MET:HG3	4	0.24
(4,1401)	1:73:A:ILE:HG22	1:110:A:MET:HG2	4	0.24
(4,1401)	1:73:A:ILE:HG22	1:110:A:MET:HG3	4	0.24
(4,1401)	1:73:A:ILE:HG23	1:110:A:MET:HG2	4	0.24
(4,1401)	1:73:A:ILE:HG23	1:110:A:MET:HG3	4	0.24
(4,1401)	1:73:A:ILE:HG21	1:110:A:MET:HG2	11	0.24
(4,1401)	1:73:A:ILE:HG21	1:110:A:MET:HG3	11	0.24
(4,1401)	1:73:A:ILE:HG22	1:110:A:MET:HG2	11	0.24
(4,1401)	1:73:A:ILE:HG22	1:110:A:MET:HG3	11	0.24
(4,1401)	1:73:A:ILE:HG23	1:110:A:MET:HG2	11	0.24
(4,1401)	1:73:A:ILE:HG23	1:110:A:MET:HG3	11	0.24
(4,1318)	1:131:A:LEU:H	1:131:A:LEU:HD21	2	0.24
(4,1318)	1:131:A:LEU:H	1:131:A:LEU:HD22	2	0.24
(4,1318)	1:131:A:LEU:H	1:131:A:LEU:HD23	2	0.24
(4,1286)	1:66:A:THR:HG21	1:96:A:VAL:HB	10	0.24
(4,1286)	1:66:A:THR:HG22	1:96:A:VAL:HB	10	0.24
(4,1286)	1:66:A:THR:HG23	1:96:A:VAL:HB	10	0.24
(4,1235)	1:23:A:LEU:HA	1:23:A:LEU:HD11	8	0.24
(4,1235)	1:23:A:LEU:HA	1:23:A:LEU:HD12	8	0.24
(4,1235)	1:23:A:LEU:HA	1:23:A:LEU:HD13	8	0.24
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD21	7	0.24
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD22	7	0.24
(4,1153)	1:27:A:ARG:HA	1:30:A:LEU:HD23	7	0.24
(4,1114)	1:140:A:LEU:HA	1:144:A:LEU:HD21	1	0.24
(4,1114)	1:140:A:LEU:HA	1:144:A:LEU:HD22	1	0.24
(4,1114)	1:140:A:LEU:HA	1:144:A:LEU:HD23	1	0.24
(4,1093)	1:41:A:LYS:HA	1:44:A:GLU:HB2	14	0.24
(4,1093)	1:41:A:LYS:HA	1:44:A:GLU:HB3	14	0.24
(4,981)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	2	0.24
(4,962)	1:67:A:PRO:HA	1:70:A:LYS:HB2	2	0.24
(4,962)	1:67:A:PRO:HA	1:70:A:LYS:HB3	2	0.24
(4,838)	1:48:A:ARG:HA	1:48:A:ARG:HD2	16	0.24
(4,838)	1:48:A:ARG:HA	1:48:A:ARG:HD3	16	0.24
(4,810)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	4	0.24
(4,810)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	4	0.24
(4,810)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	4	0.24
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	2	0.24
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	2	0.24
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	2	0.24
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	2	0.24
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	2	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	2	0.24
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	2	0.24
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	2	0.24
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	2	0.24
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	8	0.24
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	8	0.24
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	8	0.24
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	8	0.24
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	8	0.24
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	8	0.24
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	8	0.24
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	8	0.24
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	8	0.24
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	14	0.24
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	14	0.24
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	14	0.24
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	14	0.24
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	14	0.24
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	14	0.24
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	14	0.24
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	14	0.24
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	14	0.24
(4,653)	1:108:A:GLU:H	1:112:A:GLN:H	1	0.24
(4,616)	1:44:A:GLU:HA	1:48:A:ARG:H	6	0.24
(4,573)	1:128:A:LEU:HD21	1:130:A:GLY:H	5	0.24
(4,573)	1:128:A:LEU:HD22	1:130:A:GLY:H	5	0.24
(4,573)	1:128:A:LEU:HD23	1:130:A:GLY:H	5	0.24
(4,571)	1:126:A:GLY:H	1:128:A:LEU:HG	8	0.24
(4,401)	1:125:A:THR:H	1:128:A:LEU:HG	15	0.24
(4,154)	1:127:A:CYS:H	1:128:A:LEU:HG	2	0.24
(4,153)	1:50:A:ALA:HB1	1:127:A:CYS:H	3	0.24
(4,153)	1:50:A:ALA:HB2	1:127:A:CYS:H	3	0.24
(4,153)	1:50:A:ALA:HB3	1:127:A:CYS:H	3	0.24
(4,59)	1:11:A:ILE:HD11	1:47:A:ALA:H	6	0.24
(4,59)	1:11:A:ILE:HD12	1:47:A:ALA:H	6	0.24
(4,59)	1:11:A:ILE:HD13	1:47:A:ALA:H	6	0.24
(4,31)	1:96:A:VAL:H	1:97:A:ASP:H	3	0.24
(4,11)	1:64:A:LYS:H	1:116:A:GLN:HG2	5	0.24
(3,2513)	1:150:A:THR:H	1:151:A:PHE:HB2	11	0.24
(3,2513)	1:150:A:THR:H	1:151:A:PHE:HB3	11	0.24
(3,2362)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	3	0.24
(3,2362)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	3	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2362)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	3	0.24
(3,2362)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	3	0.24
(3,2362)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	3	0.24
(3,2362)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	3	0.24
(3,2362)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	3	0.24
(3,2362)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	3	0.24
(3,2362)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	3	0.24
(3,2362)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	3	0.24
(3,2362)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	3	0.24
(3,2362)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	3	0.24
(3,2317)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	17	0.24
(3,2317)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	17	0.24
(3,2317)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	17	0.24
(3,2317)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	17	0.24
(3,2317)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	17	0.24
(3,2317)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	17	0.24
(3,2185)	1:46:A:ASN:HB2	1:134:A:VAL:HB	9	0.24
(3,2185)	1:46:A:ASN:HB3	1:134:A:VAL:HB	9	0.24
(3,2130)	1:39:A:VAL:HB	1:139:A:LEU:HD11	5	0.24
(3,2130)	1:39:A:VAL:HB	1:139:A:LEU:HD12	5	0.24
(3,2130)	1:39:A:VAL:HB	1:139:A:LEU:HD13	5	0.24
(3,2130)	1:39:A:VAL:HB	1:139:A:LEU:HD21	5	0.24
(3,2130)	1:39:A:VAL:HB	1:139:A:LEU:HD22	5	0.24
(3,2130)	1:39:A:VAL:HB	1:139:A:LEU:HD23	5	0.24
(3,2127)	1:39:A:VAL:H	1:140:A:LEU:HD11	13	0.24
(3,2127)	1:39:A:VAL:H	1:140:A:LEU:HD12	13	0.24
(3,2127)	1:39:A:VAL:H	1:140:A:LEU:HD13	13	0.24
(3,2127)	1:39:A:VAL:H	1:140:A:LEU:HD21	13	0.24
(3,2127)	1:39:A:VAL:H	1:140:A:LEU:HD22	13	0.24
(3,2127)	1:39:A:VAL:H	1:140:A:LEU:HD23	13	0.24
(3,2114)	1:36:A:PRO:HB3	1:39:A:VAL:HG11	11	0.24
(3,2114)	1:36:A:PRO:HB3	1:39:A:VAL:HG12	11	0.24
(3,2114)	1:36:A:PRO:HB3	1:39:A:VAL:HG13	11	0.24
(3,2114)	1:36:A:PRO:HB3	1:39:A:VAL:HG21	11	0.24
(3,2114)	1:36:A:PRO:HB3	1:39:A:VAL:HG22	11	0.24
(3,2114)	1:36:A:PRO:HB3	1:39:A:VAL:HG23	11	0.24
(3,2108)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	14	0.24
(3,2108)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	14	0.24
(3,2108)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	14	0.24
(3,2108)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	14	0.24
(3,2108)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	14	0.24
(3,2108)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	14	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD11	18	0.24
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD12	18	0.24
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD13	18	0.24
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD21	18	0.24
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD22	18	0.24
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD23	18	0.24
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD11	7	0.24
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD12	7	0.24
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD13	7	0.24
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD21	7	0.24
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD22	7	0.24
(3,2060)	1:21:A:THR:HB	1:23:A:LEU:HD23	7	0.24
(3,2017)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	4	0.24
(3,2017)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	4	0.24
(3,2017)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	4	0.24
(3,2017)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	4	0.24
(3,2017)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	4	0.24
(3,2017)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	4	0.24
(3,2017)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	4	0.24
(3,2017)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	4	0.24
(3,2017)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	4	0.24
(3,2017)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	4	0.24
(3,2017)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	4	0.24
(3,2017)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	4	0.24
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	16	0.24
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	16	0.24
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	16	0.24
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	16	0.24
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	16	0.24
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	16	0.24
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	16	0.24
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	16	0.24
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	16	0.24
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	16	0.24
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	16	0.24
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	16	0.24
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	16	0.24
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	16	0.24
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	16	0.24
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	16	0.24
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	16	0.24
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	16	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1975)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	3	0.24
(3,1975)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	3	0.24
(3,1975)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	3	0.24
(3,1975)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	3	0.24
(3,1941)	1:58:A:ILE:HB	1:62:A:HIS:HE1	12	0.24
(3,1940)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	10	0.24
(3,1936)	1:13:A:ALA:H	1:80:A:TYR:HE1	16	0.24
(3,1936)	1:13:A:ALA:H	1:80:A:TYR:HE2	16	0.24
(3,1932)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	13	0.24
(3,1932)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	13	0.24
(3,1932)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	13	0.24
(3,1932)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	13	0.24
(3,1932)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	13	0.24
(3,1932)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	13	0.24
(3,1929)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	3	0.24
(3,1929)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	3	0.24
(3,1929)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	3	0.24
(3,1929)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	3	0.24
(3,1929)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	5	0.24
(3,1929)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	5	0.24
(3,1929)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	5	0.24
(3,1929)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	5	0.24
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	6	0.24
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	6	0.24
(3,1922)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	6	0.24
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	6	0.24
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	6	0.24
(3,1922)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	6	0.24
(3,1875)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	15	0.24
(3,1875)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	15	0.24
(3,1875)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	15	0.24
(3,1875)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	15	0.24
(3,1849)	1:9:A:PHE:HZ	1:11:A:ILE:HB	7	0.24
(3,1828)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	10	0.24
(3,1828)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	10	0.24
(3,1828)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	10	0.24
(3,1828)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	10	0.24
(3,1823)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	19	0.24
(3,1823)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	19	0.24
(3,1823)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	19	0.24
(3,1823)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	19	0.24
(3,1823)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	19	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1823)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	19	0.24
(3,1818)	1:15:A:ALA:HA	1:18:A:PHE:HD1	16	0.24
(3,1818)	1:15:A:ALA:HA	1:18:A:PHE:HD2	16	0.24
(3,1799)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	17	0.24
(3,1799)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	17	0.24
(3,1799)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	17	0.24
(3,1753)	1:19:A:ALA:HB1	1:20:A:THR:HG21	11	0.24
(3,1753)	1:19:A:ALA:HB1	1:20:A:THR:HG22	11	0.24
(3,1753)	1:19:A:ALA:HB1	1:20:A:THR:HG23	11	0.24
(3,1753)	1:19:A:ALA:HB2	1:20:A:THR:HG21	11	0.24
(3,1753)	1:19:A:ALA:HB2	1:20:A:THR:HG22	11	0.24
(3,1753)	1:19:A:ALA:HB2	1:20:A:THR:HG23	11	0.24
(3,1753)	1:19:A:ALA:HB3	1:20:A:THR:HG21	11	0.24
(3,1753)	1:19:A:ALA:HB3	1:20:A:THR:HG22	11	0.24
(3,1753)	1:19:A:ALA:HB3	1:20:A:THR:HG23	11	0.24
(3,1737)	1:141:A:LYS:HA	1:145:A:PRO:HD3	6	0.24
(3,1734)	1:34:A:LYS:HA	1:35:A:LEU:HB3	4	0.24
(3,1696)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	15	0.24
(3,1696)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	15	0.24
(3,1632)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	2	0.24
(3,1632)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	2	0.24
(3,1632)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	2	0.24
(3,1627)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	12	0.24
(3,1627)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	12	0.24
(3,1627)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	12	0.24
(3,1627)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	12	0.24
(3,1627)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	12	0.24
(3,1627)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	12	0.24
(3,1502)	1:101:A:ILE:HG21	1:115:A:ALA:H	15	0.24
(3,1502)	1:101:A:ILE:HG22	1:115:A:ALA:H	15	0.24
(3,1502)	1:101:A:ILE:HG23	1:115:A:ALA:H	15	0.24
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	4	0.24
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	4	0.24
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	4	0.24
(3,1442)	1:73:A:ILE:HG21	1:110:A:MET:HG2	2	0.24
(3,1442)	1:73:A:ILE:HG21	1:110:A:MET:HG3	2	0.24
(3,1442)	1:73:A:ILE:HG22	1:110:A:MET:HG2	2	0.24
(3,1442)	1:73:A:ILE:HG22	1:110:A:MET:HG3	2	0.24
(3,1442)	1:73:A:ILE:HG23	1:110:A:MET:HG2	2	0.24
(3,1442)	1:73:A:ILE:HG23	1:110:A:MET:HG3	2	0.24
(3,1442)	1:73:A:ILE:HG21	1:110:A:MET:HG2	18	0.24
(3,1442)	1:73:A:ILE:HG21	1:110:A:MET:HG3	18	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1442)	1:73:A:ILE:HG22	1:110:A:MET:HG2	18	0.24
(3,1442)	1:73:A:ILE:HG22	1:110:A:MET:HG3	18	0.24
(3,1442)	1:73:A:ILE:HG23	1:110:A:MET:HG2	18	0.24
(3,1442)	1:73:A:ILE:HG23	1:110:A:MET:HG3	18	0.24
(3,1431)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	6	0.24
(3,1431)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	6	0.24
(3,1431)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	6	0.24
(3,1431)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	6	0.24
(3,1431)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	6	0.24
(3,1431)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	6	0.24
(3,1419)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	4	0.24
(3,1419)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	4	0.24
(3,1419)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	4	0.24
(3,1419)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	4	0.24
(3,1419)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	4	0.24
(3,1419)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	4	0.24
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD11	15	0.24
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD12	15	0.24
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD13	15	0.24
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD11	15	0.24
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD12	15	0.24
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD13	15	0.24
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD11	15	0.24
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD12	15	0.24
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD13	15	0.24
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD11	18	0.24
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD12	18	0.24
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD13	18	0.24
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD11	18	0.24
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD12	18	0.24
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD13	18	0.24
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD11	18	0.24
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD12	18	0.24
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD13	18	0.24
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG11	4	0.24
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG12	4	0.24
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG13	4	0.24
(3,1376)	1:73:A:ILE:HB	1:76:A:ARG:HA	18	0.24
(3,1362)	1:131:A:LEU:H	1:131:A:LEU:HD21	2	0.24
(3,1362)	1:131:A:LEU:H	1:131:A:LEU:HD22	2	0.24
(3,1362)	1:131:A:LEU:H	1:131:A:LEU:HD23	2	0.24
(3,1248)	1:144:A:LEU:HD21	1:145:A:PRO:HD2	3	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1248)	1:144:A:LEU:HD22	1:145:A:PRO:HD2	3	0.24
(3,1248)	1:144:A:LEU:HD23	1:145:A:PRO:HD2	3	0.24
(3,1208)	1:23:A:LEU:HD21	1:24:A:ASP:H	12	0.24
(3,1208)	1:23:A:LEU:HD22	1:24:A:ASP:H	12	0.24
(3,1208)	1:23:A:LEU:HD23	1:24:A:ASP:H	12	0.24
(3,1194)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	15	0.24
(3,1194)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	15	0.24
(3,1194)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	15	0.24
(3,1194)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	15	0.24
(3,1194)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	15	0.24
(3,1194)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	15	0.24
(3,1140)	1:41:A:LYS:HA	1:44:A:GLU:HG3	9	0.24
(3,1103)	1:45:A:ALA:HA	1:48:A:ARG:HG2	9	0.24
(3,1103)	1:45:A:ALA:HA	1:48:A:ARG:HG3	9	0.24
(3,1092)	1:44:A:GLU:HA	1:48:A:ARG:HB2	11	0.24
(3,1092)	1:44:A:GLU:HA	1:48:A:ARG:HB3	11	0.24
(3,1038)	1:27:A:ARG:HB2	1:28:A:GLY:HA2	9	0.24
(3,1038)	1:27:A:ARG:HB2	1:28:A:GLY:HA3	9	0.24
(3,1032)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	2	0.24
(3,1009)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	2	0.24
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB1	16	0.24
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB2	16	0.24
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB3	16	0.24
(3,931)	1:44:A:GLU:H	1:44:A:GLU:HG3	11	0.24
(3,931)	1:44:A:GLU:H	1:44:A:GLU:HG2	11	0.24
(3,822)	1:98:A:ILE:HD11	1:100:A:ALA:H	16	0.24
(3,822)	1:98:A:ILE:HD12	1:100:A:ALA:H	16	0.24
(3,822)	1:98:A:ILE:HD13	1:100:A:ALA:H	16	0.24
(3,809)	1:63:A:ILE:HD11	1:117:A:VAL:HB	14	0.24
(3,809)	1:63:A:ILE:HD12	1:117:A:VAL:HB	14	0.24
(3,809)	1:63:A:ILE:HD13	1:117:A:VAL:HB	14	0.24
(3,799)	1:63:A:ILE:HD11	1:64:A:LYS:H	19	0.24
(3,799)	1:63:A:ILE:HD12	1:64:A:LYS:H	19	0.24
(3,799)	1:63:A:ILE:HD13	1:64:A:LYS:H	19	0.24
(3,796)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	9	0.24
(3,796)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	9	0.24
(3,796)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	9	0.24
(3,796)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	9	0.24
(3,796)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	9	0.24
(3,796)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	9	0.24
(3,794)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	10	0.24
(3,794)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	10	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,794)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	10	0.24
(3,794)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	10	0.24
(3,794)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	10	0.24
(3,794)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	10	0.24
(3,794)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	10	0.24
(3,794)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	10	0.24
(3,794)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	10	0.24
(3,657)	1:66:A:THR:H	1:70:A:LYS:H	15	0.24
(3,630)	1:44:A:GLU:HA	1:48:A:ARG:H	6	0.24
(3,491)	1:79:A:THR:H	1:79:A:THR:HG21	14	0.24
(3,491)	1:79:A:THR:H	1:79:A:THR:HG22	14	0.24
(3,491)	1:79:A:THR:H	1:79:A:THR:HG23	14	0.24
(3,413)	1:125:A:THR:H	1:128:A:LEU:HG	15	0.24
(3,397)	1:105:A:LYS:HD2	1:106:A:ASP:H	15	0.24
(3,397)	1:105:A:LYS:HD3	1:106:A:ASP:H	15	0.24
(3,377)	1:40:A:LEU:HB3	1:41:A:LYS:H	11	0.24
(3,278)	1:113:A:PHE:H	1:116:A:GLN:HG3	5	0.24
(3,272)	1:112:A:GLN:H	1:112:A:GLN:HE21	15	0.24
(3,262)	1:27:A:ARG:HB3	1:29:A:LYS:H	6	0.24
(3,247)	1:58:A:ILE:H	1:58:A:ILE:HD11	6	0.24
(3,247)	1:58:A:ILE:H	1:58:A:ILE:HD12	6	0.24
(3,247)	1:58:A:ILE:H	1:58:A:ILE:HD13	6	0.24
(3,131)	1:13:A:ALA:HB1	1:80:A:TYR:H	9	0.24
(3,131)	1:13:A:ALA:HB2	1:80:A:TYR:H	9	0.24
(3,131)	1:13:A:ALA:HB3	1:80:A:TYR:H	9	0.24
(3,111)	1:21:A:THR:HB	1:22:A:ASP:H	1	0.24
(3,104)	1:69:A:MET:H	1:69:A:MET:HE1	18	0.24
(3,104)	1:69:A:MET:H	1:69:A:MET:HE2	18	0.24
(3,104)	1:69:A:MET:H	1:69:A:MET:HE3	18	0.24
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD11	17	0.24
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD12	17	0.24
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD13	17	0.24
(3,73)	1:29:A:LYS:H	1:30:A:LEU:H	18	0.24
(3,9)	1:64:A:LYS:H	1:116:A:GLN:HE22	2	0.24
(3,9)	1:64:A:LYS:H	1:116:A:GLN:HE22	16	0.24
(3,1)	1:39:A:VAL:HG21	1:143:A:TRP:HE1	18	0.24
(3,1)	1:39:A:VAL:HG22	1:143:A:TRP:HE1	18	0.24
(3,1)	1:39:A:VAL:HG23	1:143:A:TRP:HE1	18	0.24
(2,2478)	1:150:A:THR:H	1:151:A:PHE:HB2	11	0.24
(2,2478)	1:150:A:THR:H	1:151:A:PHE:HB3	11	0.24
(2,2466)	1:141:A:LYS:HA	1:148:A:CYS:HB2	12	0.24
(2,2466)	1:141:A:LYS:HA	1:148:A:CYS:HB3	12	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2357)	1:107:A:LEU:HD11	1:115:A:ALA:H	1	0.24
(2,2357)	1:107:A:LEU:HD12	1:115:A:ALA:H	1	0.24
(2,2357)	1:107:A:LEU:HD13	1:115:A:ALA:H	1	0.24
(2,2357)	1:107:A:LEU:HD21	1:115:A:ALA:H	1	0.24
(2,2357)	1:107:A:LEU:HD22	1:115:A:ALA:H	1	0.24
(2,2357)	1:107:A:LEU:HD23	1:115:A:ALA:H	1	0.24
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	1	0.24
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	1	0.24
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	1	0.24
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	1	0.24
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	1	0.24
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	1	0.24
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	1	0.24
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	1	0.24
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	1	0.24
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	1	0.24
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	1	0.24
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	1	0.24
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	16	0.24
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	16	0.24
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	16	0.24
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	16	0.24
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	16	0.24
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	16	0.24
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	16	0.24
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	16	0.24
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	16	0.24
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	16	0.24
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	16	0.24
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	16	0.24
(2,2294)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	9	0.24
(2,2294)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	9	0.24
(2,2294)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	17	0.24
(2,2294)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	17	0.24
(2,2276)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	12	0.24
(2,2276)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	12	0.24
(2,2276)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	12	0.24
(2,2276)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	12	0.24
(2,2230)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	1	0.24
(2,2230)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	1	0.24
(2,2230)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	1	0.24
(2,2230)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	1	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2230)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	1	0.24
(2,2230)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	1	0.24
(2,2228)	1:60:A:LEU:HD11	1:61:A:SER:HB2	11	0.24
(2,2228)	1:60:A:LEU:HD11	1:61:A:SER:HB3	11	0.24
(2,2228)	1:60:A:LEU:HD12	1:61:A:SER:HB2	11	0.24
(2,2228)	1:60:A:LEU:HD12	1:61:A:SER:HB3	11	0.24
(2,2228)	1:60:A:LEU:HD13	1:61:A:SER:HB2	11	0.24
(2,2228)	1:60:A:LEU:HD13	1:61:A:SER:HB3	11	0.24
(2,2189)	1:47:A:ALA:H	1:131:A:LEU:HD11	5	0.24
(2,2189)	1:47:A:ALA:H	1:131:A:LEU:HD12	5	0.24
(2,2189)	1:47:A:ALA:H	1:131:A:LEU:HD13	5	0.24
(2,2189)	1:47:A:ALA:H	1:131:A:LEU:HD21	5	0.24
(2,2189)	1:47:A:ALA:H	1:131:A:LEU:HD22	5	0.24
(2,2189)	1:47:A:ALA:H	1:131:A:LEU:HD23	5	0.24
(2,2167)	1:44:A:GLU:H	1:140:A:LEU:HD11	2	0.24
(2,2167)	1:44:A:GLU:H	1:140:A:LEU:HD12	2	0.24
(2,2167)	1:44:A:GLU:H	1:140:A:LEU:HD13	2	0.24
(2,2167)	1:44:A:GLU:H	1:140:A:LEU:HD21	2	0.24
(2,2167)	1:44:A:GLU:H	1:140:A:LEU:HD22	2	0.24
(2,2167)	1:44:A:GLU:H	1:140:A:LEU:HD23	2	0.24
(2,2165)	1:43:A:MET:HE1	1:131:A:LEU:HD11	4	0.24
(2,2165)	1:43:A:MET:HE1	1:131:A:LEU:HD12	4	0.24
(2,2165)	1:43:A:MET:HE1	1:131:A:LEU:HD13	4	0.24
(2,2165)	1:43:A:MET:HE1	1:131:A:LEU:HD21	4	0.24
(2,2165)	1:43:A:MET:HE1	1:131:A:LEU:HD22	4	0.24
(2,2165)	1:43:A:MET:HE1	1:131:A:LEU:HD23	4	0.24
(2,2165)	1:43:A:MET:HE2	1:131:A:LEU:HD11	4	0.24
(2,2165)	1:43:A:MET:HE2	1:131:A:LEU:HD12	4	0.24
(2,2165)	1:43:A:MET:HE2	1:131:A:LEU:HD13	4	0.24
(2,2165)	1:43:A:MET:HE2	1:131:A:LEU:HD21	4	0.24
(2,2165)	1:43:A:MET:HE2	1:131:A:LEU:HD22	4	0.24
(2,2165)	1:43:A:MET:HE2	1:131:A:LEU:HD23	4	0.24
(2,2165)	1:43:A:MET:HE3	1:131:A:LEU:HD11	4	0.24
(2,2165)	1:43:A:MET:HE3	1:131:A:LEU:HD12	4	0.24
(2,2165)	1:43:A:MET:HE3	1:131:A:LEU:HD13	4	0.24
(2,2165)	1:43:A:MET:HE3	1:131:A:LEU:HD21	4	0.24
(2,2165)	1:43:A:MET:HE3	1:131:A:LEU:HD22	4	0.24
(2,2165)	1:43:A:MET:HE3	1:131:A:LEU:HD23	4	0.24
(2,2140)	1:40:A:LEU:HD11	1:41:A:LYS:H	13	0.24
(2,2140)	1:40:A:LEU:HD12	1:41:A:LYS:H	13	0.24
(2,2140)	1:40:A:LEU:HD13	1:41:A:LYS:H	13	0.24
(2,2140)	1:40:A:LEU:HD21	1:41:A:LYS:H	13	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2140)	1:40:A:LEU:HD22	1:41:A:LYS:H	13	0.24
(2,2140)	1:40:A:LEU:HD23	1:41:A:LYS:H	13	0.24
(2,2116)	1:39:A:VAL:H	1:140:A:LEU:HD11	13	0.24
(2,2116)	1:39:A:VAL:H	1:140:A:LEU:HD12	13	0.24
(2,2116)	1:39:A:VAL:H	1:140:A:LEU:HD13	13	0.24
(2,2116)	1:39:A:VAL:H	1:140:A:LEU:HD21	13	0.24
(2,2116)	1:39:A:VAL:H	1:140:A:LEU:HD22	13	0.24
(2,2116)	1:39:A:VAL:H	1:140:A:LEU:HD23	13	0.24
(2,2115)	1:39:A:VAL:H	1:139:A:LEU:HD11	13	0.24
(2,2115)	1:39:A:VAL:H	1:139:A:LEU:HD12	13	0.24
(2,2115)	1:39:A:VAL:H	1:139:A:LEU:HD13	13	0.24
(2,2115)	1:39:A:VAL:H	1:139:A:LEU:HD21	13	0.24
(2,2115)	1:39:A:VAL:H	1:139:A:LEU:HD22	13	0.24
(2,2115)	1:39:A:VAL:H	1:139:A:LEU:HD23	13	0.24
(2,2102)	1:36:A:PRO:HB3	1:39:A:VAL:HG11	11	0.24
(2,2102)	1:36:A:PRO:HB3	1:39:A:VAL:HG12	11	0.24
(2,2102)	1:36:A:PRO:HB3	1:39:A:VAL:HG13	11	0.24
(2,2102)	1:36:A:PRO:HB3	1:39:A:VAL:HG21	11	0.24
(2,2102)	1:36:A:PRO:HB3	1:39:A:VAL:HG22	11	0.24
(2,2102)	1:36:A:PRO:HB3	1:39:A:VAL:HG23	11	0.24
(2,2081)	1:34:A:LYS:H	1:81:A:GLU:HB2	4	0.24
(2,2081)	1:34:A:LYS:H	1:81:A:GLU:HB3	4	0.24
(2,2049)	1:21:A:THR:HB	1:23:A:LEU:HD11	11	0.24
(2,2049)	1:21:A:THR:HB	1:23:A:LEU:HD12	11	0.24
(2,2049)	1:21:A:THR:HB	1:23:A:LEU:HD13	11	0.24
(2,2049)	1:21:A:THR:HB	1:23:A:LEU:HD21	11	0.24
(2,2049)	1:21:A:THR:HB	1:23:A:LEU:HD22	11	0.24
(2,2049)	1:21:A:THR:HB	1:23:A:LEU:HD23	11	0.24
(2,2022)	1:15:A:ALA:H	1:17:A:ASN:HD21	18	0.24
(2,2022)	1:15:A:ALA:H	1:17:A:ASN:HD22	18	0.24
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	16	0.24
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	16	0.24
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	16	0.24
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	16	0.24
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	16	0.24
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	16	0.24
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	16	0.24
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	16	0.24
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	16	0.24
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	16	0.24
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	16	0.24
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	16	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	16	0.24
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	16	0.24
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	16	0.24
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	16	0.24
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	16	0.24
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	16	0.24
(2,1948)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	13	0.24
(2,1948)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	13	0.24
(2,1941)	1:58:A:ILE:HB	1:62:A:HIS:HE1	12	0.24
(2,1936)	1:13:A:ALA:H	1:80:A:TYR:HE1	16	0.24
(2,1936)	1:13:A:ALA:H	1:80:A:TYR:HE2	16	0.24
(2,1926)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	3	0.24
(2,1926)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	3	0.24
(2,1926)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	3	0.24
(2,1926)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	3	0.24
(2,1926)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	5	0.24
(2,1926)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	5	0.24
(2,1926)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	5	0.24
(2,1926)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	5	0.24
(2,1911)	1:104:A:PHE:HE1	1:115:A:ALA:H	10	0.24
(2,1911)	1:104:A:PHE:HE2	1:115:A:ALA:H	10	0.24
(2,1862)	1:143:A:TRP:HA	1:143:A:TRP:HE3	2	0.24
(2,1831)	1:104:A:PHE:HE1	1:105:A:LYS:HA	17	0.24
(2,1831)	1:104:A:PHE:HE2	1:105:A:LYS:HA	17	0.24
(2,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	10	0.24
(2,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	10	0.24
(2,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	10	0.24
(2,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	10	0.24
(2,1816)	1:15:A:ALA:HA	1:18:A:PHE:HD1	16	0.24
(2,1816)	1:15:A:ALA:HA	1:18:A:PHE:HD2	16	0.24
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB2	12	0.24
(2,1789)	1:64:A:LYS:HB2	1:97:A:ASP:HB3	12	0.24
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB2	12	0.24
(2,1789)	1:64:A:LYS:HB3	1:97:A:ASP:HB3	12	0.24
(2,1756)	1:31:A:PRO:HB2	1:35:A:LEU:HA	8	0.24
(2,1756)	1:31:A:PRO:HB3	1:35:A:LEU:HA	8	0.24
(2,1720)	1:34:A:LYS:HA	1:35:A:LEU:HB3	4	0.24
(2,1701)	1:69:A:MET:HA	1:109:A:PRO:HA	15	0.24
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB2	8	0.24
(2,1677)	1:108:A:GLU:H	1:112:A:GLN:HB3	8	0.24
(2,1613)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	2	0.24
(2,1613)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	2	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1613)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	2	0.24
(2,1586)	1:61:A:SER:HA	1:63:A:ILE:HD11	19	0.24
(2,1586)	1:61:A:SER:HA	1:63:A:ILE:HD12	19	0.24
(2,1586)	1:61:A:SER:HA	1:63:A:ILE:HD13	19	0.24
(2,1551)	1:144:A:LEU:HD11	1:145:A:PRO:HD3	8	0.24
(2,1551)	1:144:A:LEU:HD12	1:145:A:PRO:HD3	8	0.24
(2,1551)	1:144:A:LEU:HD13	1:145:A:PRO:HD3	8	0.24
(2,1492)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	16	0.24
(2,1492)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	16	0.24
(2,1492)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	16	0.24
(2,1492)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	16	0.24
(2,1492)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	16	0.24
(2,1492)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	16	0.24
(2,1482)	1:101:A:ILE:HG21	1:115:A:ALA:H	15	0.24
(2,1482)	1:101:A:ILE:HG22	1:115:A:ALA:H	15	0.24
(2,1482)	1:101:A:ILE:HG23	1:115:A:ALA:H	15	0.24
(2,1456)	1:47:A:ALA:HA	1:50:A:ALA:HB1	6	0.24
(2,1456)	1:47:A:ALA:HA	1:50:A:ALA:HB2	6	0.24
(2,1456)	1:47:A:ALA:HA	1:50:A:ALA:HB3	6	0.24
(2,1426)	1:73:A:ILE:HG21	1:110:A:MET:HG2	4	0.24
(2,1426)	1:73:A:ILE:HG21	1:110:A:MET:HG3	4	0.24
(2,1426)	1:73:A:ILE:HG22	1:110:A:MET:HG2	4	0.24
(2,1426)	1:73:A:ILE:HG22	1:110:A:MET:HG3	4	0.24
(2,1426)	1:73:A:ILE:HG23	1:110:A:MET:HG2	4	0.24
(2,1426)	1:73:A:ILE:HG23	1:110:A:MET:HG3	4	0.24
(2,1426)	1:73:A:ILE:HG21	1:110:A:MET:HG2	11	0.24
(2,1426)	1:73:A:ILE:HG21	1:110:A:MET:HG3	11	0.24
(2,1426)	1:73:A:ILE:HG22	1:110:A:MET:HG2	11	0.24
(2,1426)	1:73:A:ILE:HG22	1:110:A:MET:HG3	11	0.24
(2,1426)	1:73:A:ILE:HG23	1:110:A:MET:HG2	11	0.24
(2,1426)	1:73:A:ILE:HG23	1:110:A:MET:HG3	11	0.24
(2,1424)	1:70:A:LYS:HA	1:73:A:ILE:HG21	12	0.24
(2,1424)	1:70:A:LYS:HA	1:73:A:ILE:HG22	12	0.24
(2,1424)	1:70:A:LYS:HA	1:73:A:ILE:HG23	12	0.24
(2,1414)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	6	0.24
(2,1414)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	6	0.24
(2,1414)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	6	0.24
(2,1414)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	6	0.24
(2,1414)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	6	0.24
(2,1414)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	6	0.24
(2,1348)	1:125:A:THR:HG21	1:129:A:LYS:HB2	14	0.24
(2,1348)	1:125:A:THR:HG21	1:129:A:LYS:HB3	14	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1348)	1:125:A:THR:HG22	1:129:A:LYS:HB2	14	0.24
(2,1348)	1:125:A:THR:HG22	1:129:A:LYS:HB3	14	0.24
(2,1348)	1:125:A:THR:HG23	1:129:A:LYS:HB2	14	0.24
(2,1348)	1:125:A:THR:HG23	1:129:A:LYS:HB3	14	0.24
(2,1245)	1:37:A:LEU:HD11	1:38:A:GLU:HA	1	0.24
(2,1245)	1:37:A:LEU:HD12	1:38:A:GLU:HA	1	0.24
(2,1245)	1:37:A:LEU:HD13	1:38:A:GLU:HA	1	0.24
(2,1241)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	15	0.24
(2,1241)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	15	0.24
(2,1241)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	15	0.24
(2,1241)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	15	0.24
(2,1241)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	15	0.24
(2,1241)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	15	0.24
(2,1160)	1:126:A:GLY:HA2	1:129:A:LYS:HG3	2	0.24
(2,1080)	1:141:A:LYS:HA	1:148:A:CYS:HB3	5	0.24
(2,986)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	2	0.24
(2,964)	1:67:A:PRO:HA	1:70:A:LYS:HB2	2	0.24
(2,964)	1:67:A:PRO:HA	1:70:A:LYS:HB3	2	0.24
(2,911)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	17	0.24
(2,911)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	17	0.24
(2,911)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	17	0.24
(2,830)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	15	0.24
(2,830)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	15	0.24
(2,830)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	15	0.24
(2,830)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	15	0.24
(2,830)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	15	0.24
(2,830)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	15	0.24
(2,830)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	15	0.24
(2,830)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	15	0.24
(2,830)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	15	0.24
(2,805)	1:98:A:ILE:HD11	1:100:A:ALA:H	16	0.24
(2,805)	1:98:A:ILE:HD12	1:100:A:ALA:H	16	0.24
(2,805)	1:98:A:ILE:HD13	1:100:A:ALA:H	16	0.24
(2,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	9	0.24
(2,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	9	0.24
(2,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	9	0.24
(2,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	9	0.24
(2,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	9	0.24
(2,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	9	0.24
(2,776)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	10	0.24
(2,776)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	10	0.24
(2,776)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	10	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,776)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	10	0.24
(2,776)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	10	0.24
(2,776)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	10	0.24
(2,776)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	10	0.24
(2,776)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	10	0.24
(2,776)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	10	0.24
(2,552)	1:124:A:THR:H	1:128:A:LEU:HD11	16	0.24
(2,552)	1:124:A:THR:H	1:128:A:LEU:HD12	16	0.24
(2,552)	1:124:A:THR:H	1:128:A:LEU:HD13	16	0.24
(2,538)	1:60:A:LEU:HD21	1:61:A:SER:H	10	0.24
(2,538)	1:60:A:LEU:HD22	1:61:A:SER:H	10	0.24
(2,538)	1:60:A:LEU:HD23	1:61:A:SER:H	10	0.24
(2,412)	1:125:A:THR:H	1:125:A:THR:HB	9	0.24
(2,130)	1:13:A:ALA:HB1	1:80:A:TYR:H	9	0.24
(2,130)	1:13:A:ALA:HB2	1:80:A:TYR:H	9	0.24
(2,130)	1:13:A:ALA:HB3	1:80:A:TYR:H	9	0.24
(2,45)	1:44:A:GLU:HB2	1:47:A:ALA:H	11	0.24
(2,45)	1:44:A:GLU:HB3	1:47:A:ALA:H	11	0.24
(2,13)	1:64:A:LYS:H	1:64:A:LYS:HD2	1	0.24
(2,13)	1:64:A:LYS:H	1:64:A:LYS:HD3	1	0.24
(2,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	13	0.24
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG11	19	0.24
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG12	19	0.24
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG13	19	0.24
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG21	19	0.24
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG22	19	0.24
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG23	19	0.24
(1,2342)	1:116:A:GLN:HG2	1:119:A:LEU:HD11	17	0.24
(1,2342)	1:116:A:GLN:HG2	1:119:A:LEU:HD12	17	0.24
(1,2342)	1:116:A:GLN:HG2	1:119:A:LEU:HD13	17	0.24
(1,2342)	1:116:A:GLN:HG2	1:119:A:LEU:HD21	17	0.24
(1,2342)	1:116:A:GLN:HG2	1:119:A:LEU:HD22	17	0.24
(1,2342)	1:116:A:GLN:HG2	1:119:A:LEU:HD23	17	0.24
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	19	0.24
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	19	0.24
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	19	0.24
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	19	0.24
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	19	0.24
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	19	0.24
(1,2305)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	3	0.24
(1,2305)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	3	0.24
(1,2305)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	3	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2305)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	3	0.24
(1,2305)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	3	0.24
(1,2305)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	3	0.24
(1,2305)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	3	0.24
(1,2305)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	3	0.24
(1,2305)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	3	0.24
(1,2305)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	3	0.24
(1,2305)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	3	0.24
(1,2305)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	3	0.24
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD11	2	0.24
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD12	2	0.24
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD13	2	0.24
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD21	2	0.24
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD22	2	0.24
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD23	2	0.24
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD11	7	0.24
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD12	7	0.24
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD13	7	0.24
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD21	7	0.24
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD22	7	0.24
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD23	7	0.24
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD11	11	0.24
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD12	11	0.24
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD13	11	0.24
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD21	11	0.24
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD22	11	0.24
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD23	11	0.24
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD11	17	0.24
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD12	17	0.24
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD13	17	0.24
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD21	17	0.24
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD22	17	0.24
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD23	17	0.24
(1,2255)	1:81:A:GLU:H	1:81:A:GLU:HB2	4	0.24
(1,2255)	1:81:A:GLU:H	1:81:A:GLU:HB3	4	0.24
(1,2187)	1:60:A:LEU:HG	1:131:A:LEU:HD11	17	0.24
(1,2187)	1:60:A:LEU:HG	1:131:A:LEU:HD12	17	0.24
(1,2187)	1:60:A:LEU:HG	1:131:A:LEU:HD13	17	0.24
(1,2187)	1:60:A:LEU:HG	1:131:A:LEU:HD21	17	0.24
(1,2187)	1:60:A:LEU:HG	1:131:A:LEU:HD22	17	0.24
(1,2187)	1:60:A:LEU:HG	1:131:A:LEU:HD23	17	0.24
(1,2126)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	11	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2126)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	11	0.24
(1,2126)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	11	0.24
(1,2126)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	11	0.24
(1,2126)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	11	0.24
(1,2126)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	11	0.24
(1,2126)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	11	0.24
(1,2126)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	11	0.24
(1,2126)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	11	0.24
(1,2126)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	11	0.24
(1,2126)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	11	0.24
(1,2126)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	11	0.24
(1,2101)	1:39:A:VAL:HG11	1:41:A:LYS:H	9	0.24
(1,2101)	1:39:A:VAL:HG12	1:41:A:LYS:H	9	0.24
(1,2101)	1:39:A:VAL:HG13	1:41:A:LYS:H	9	0.24
(1,2101)	1:39:A:VAL:HG21	1:41:A:LYS:H	9	0.24
(1,2101)	1:39:A:VAL:HG22	1:41:A:LYS:H	9	0.24
(1,2101)	1:39:A:VAL:HG23	1:41:A:LYS:H	9	0.24
(1,2082)	1:36:A:PRO:HB3	1:39:A:VAL:HG11	11	0.24
(1,2082)	1:36:A:PRO:HB3	1:39:A:VAL:HG12	11	0.24
(1,2082)	1:36:A:PRO:HB3	1:39:A:VAL:HG13	11	0.24
(1,2082)	1:36:A:PRO:HB3	1:39:A:VAL:HG21	11	0.24
(1,2082)	1:36:A:PRO:HB3	1:39:A:VAL:HG22	11	0.24
(1,2082)	1:36:A:PRO:HB3	1:39:A:VAL:HG23	11	0.24
(1,2026)	1:23:A:LEU:HD11	1:25:A:ALA:H	2	0.24
(1,2026)	1:23:A:LEU:HD12	1:25:A:ALA:H	2	0.24
(1,2026)	1:23:A:LEU:HD13	1:25:A:ALA:H	2	0.24
(1,2026)	1:23:A:LEU:HD21	1:25:A:ALA:H	2	0.24
(1,2026)	1:23:A:LEU:HD22	1:25:A:ALA:H	2	0.24
(1,2026)	1:23:A:LEU:HD23	1:25:A:ALA:H	2	0.24
(1,2024)	1:23:A:LEU:HD11	1:24:A:ASP:H	15	0.24
(1,2024)	1:23:A:LEU:HD12	1:24:A:ASP:H	15	0.24
(1,2024)	1:23:A:LEU:HD13	1:24:A:ASP:H	15	0.24
(1,2024)	1:23:A:LEU:HD21	1:24:A:ASP:H	15	0.24
(1,2024)	1:23:A:LEU:HD22	1:24:A:ASP:H	15	0.24
(1,2024)	1:23:A:LEU:HD23	1:24:A:ASP:H	15	0.24
(1,2006)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	11	0.24
(1,2006)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	11	0.24
(1,2006)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	11	0.24
(1,2006)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	11	0.24
(1,2006)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	11	0.24
(1,2006)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	11	0.24
(1,1981)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	13	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1981)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	13	0.24
(1,1981)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	13	0.24
(1,1981)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	13	0.24
(1,1981)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	13	0.24
(1,1981)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	13	0.24
(1,1981)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	13	0.24
(1,1981)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	13	0.24
(1,1981)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	13	0.24
(1,1981)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	13	0.24
(1,1981)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	13	0.24
(1,1981)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	13	0.24
(1,1981)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	13	0.24
(1,1981)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	13	0.24
(1,1981)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	13	0.24
(1,1981)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	13	0.24
(1,1981)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	13	0.24
(1,1981)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	13	0.24
(1,1981)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	13	0.24
(1,1981)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	13	0.24
(1,1981)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	13	0.24
(1,1981)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	13	0.24
(1,1981)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	13	0.24
(1,1981)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	13	0.24
(1,1981)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	13	0.24
(1,1981)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	13	0.24
(1,1981)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	13	0.24
(1,1981)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	13	0.24
(1,1981)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	13	0.24
(1,1981)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	13	0.24
(1,1981)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	13	0.24
(1,1981)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	13	0.24
(1,1981)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	13	0.24
(1,1981)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	13	0.24
(1,1981)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	13	0.24
(1,1981)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	13	0.24
(1,1975)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	2	0.24
(1,1975)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	2	0.24
(1,1975)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	2	0.24
(1,1975)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	2	0.24
(1,1975)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	2	0.24
(1,1975)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	2	0.24
(1,1973)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	14	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1973)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	14	0.24
(1,1973)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	14	0.24
(1,1973)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	14	0.24
(1,1973)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	14	0.24
(1,1973)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	14	0.24
(1,1929)	1:58:A:ILE:HB	1:62:A:HIS:HE1	12	0.24
(1,1927)	1:13:A:ALA:H	1:80:A:TYR:HE1	16	0.24
(1,1927)	1:13:A:ALA:H	1:80:A:TYR:HE2	16	0.24
(1,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	13	0.24
(1,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	13	0.24
(1,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	13	0.24
(1,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	13	0.24
(1,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	13	0.24
(1,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	13	0.24
(1,1861)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	19	0.24
(1,1861)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	19	0.24
(1,1861)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	19	0.24
(1,1861)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	19	0.24
(1,1839)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	2	0.24
(1,1839)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	2	0.24
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	5	0.24
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	5	0.24
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	5	0.24
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	5	0.24
(1,1833)	1:9:A:PHE:HZ	1:11:A:ILE:HB	7	0.24
(1,1818)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	14	0.24
(1,1818)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	14	0.24
(1,1818)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	14	0.24
(1,1818)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	14	0.24
(1,1818)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	14	0.24
(1,1818)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	14	0.24
(1,1803)	1:15:A:ALA:HA	1:18:A:PHE:HD1	16	0.24
(1,1803)	1:15:A:ALA:HA	1:18:A:PHE:HD2	16	0.24
(1,1801)	1:13:A:ALA:HA	1:80:A:TYR:HD1	1	0.24
(1,1801)	1:13:A:ALA:HA	1:80:A:TYR:HD2	1	0.24
(1,1800)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	1	0.24
(1,1800)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	1	0.24
(1,1800)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	1	0.24
(1,1800)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	1	0.24
(1,1800)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	1	0.24
(1,1800)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	1	0.24
(1,1800)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	1	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1800)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	1	0.24
(1,1800)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	1	0.24
(1,1800)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	1	0.24
(1,1800)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	1	0.24
(1,1800)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	1	0.24
(1,1780)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	17	0.24
(1,1780)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	17	0.24
(1,1780)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	17	0.24
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	1	0.24
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	1	0.24
(1,1720)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	1	0.24
(1,1670)	1:69:A:MET:HE1	1:116:A:GLN:HE21	16	0.24
(1,1670)	1:69:A:MET:HE2	1:116:A:GLN:HE21	16	0.24
(1,1670)	1:69:A:MET:HE3	1:116:A:GLN:HE21	16	0.24
(1,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	18	0.24
(1,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	18	0.24
(1,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	18	0.24
(1,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	18	0.24
(1,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	18	0.24
(1,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	18	0.24
(1,1603)	1:98:A:ILE:HG21	1:104:A:PHE:HE1	4	0.24
(1,1603)	1:98:A:ILE:HG21	1:104:A:PHE:HE2	4	0.24
(1,1603)	1:98:A:ILE:HG22	1:104:A:PHE:HE1	4	0.24
(1,1603)	1:98:A:ILE:HG22	1:104:A:PHE:HE2	4	0.24
(1,1603)	1:98:A:ILE:HG23	1:104:A:PHE:HE1	4	0.24
(1,1603)	1:98:A:ILE:HG23	1:104:A:PHE:HE2	4	0.24
(1,1598)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	19	0.24
(1,1598)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	19	0.24
(1,1598)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	19	0.24
(1,1575)	1:110:A:MET:HB2	1:114:A:ILE:HD11	19	0.24
(1,1575)	1:110:A:MET:HB2	1:114:A:ILE:HD12	19	0.24
(1,1575)	1:110:A:MET:HB2	1:114:A:ILE:HD13	19	0.24
(1,1534)	1:110:A:MET:HE1	1:113:A:PHE:HE1	12	0.24
(1,1534)	1:110:A:MET:HE1	1:113:A:PHE:HE2	12	0.24
(1,1534)	1:110:A:MET:HE2	1:113:A:PHE:HE1	12	0.24
(1,1534)	1:110:A:MET:HE2	1:113:A:PHE:HE2	12	0.24
(1,1534)	1:110:A:MET:HE3	1:113:A:PHE:HE1	12	0.24
(1,1534)	1:110:A:MET:HE3	1:113:A:PHE:HE2	12	0.24
(1,1515)	1:40:A:LEU:HA	1:43:A:MET:HE1	8	0.24
(1,1515)	1:40:A:LEU:HA	1:43:A:MET:HE2	8	0.24
(1,1515)	1:40:A:LEU:HA	1:43:A:MET:HE3	8	0.24
(1,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	16	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	16	0.24
(1,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	16	0.24
(1,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	16	0.24
(1,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	16	0.24
(1,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	16	0.24
(1,1484)	1:101:A:ILE:HG21	1:115:A:ALA:H	15	0.24
(1,1484)	1:101:A:ILE:HG22	1:115:A:ALA:H	15	0.24
(1,1484)	1:101:A:ILE:HG23	1:115:A:ALA:H	15	0.24
(1,1426)	1:73:A:ILE:HG21	1:110:A:MET:HG2	2	0.24
(1,1426)	1:73:A:ILE:HG21	1:110:A:MET:HG3	2	0.24
(1,1426)	1:73:A:ILE:HG22	1:110:A:MET:HG2	2	0.24
(1,1426)	1:73:A:ILE:HG22	1:110:A:MET:HG3	2	0.24
(1,1426)	1:73:A:ILE:HG23	1:110:A:MET:HG2	2	0.24
(1,1426)	1:73:A:ILE:HG23	1:110:A:MET:HG3	2	0.24
(1,1426)	1:73:A:ILE:HG21	1:110:A:MET:HG2	18	0.24
(1,1426)	1:73:A:ILE:HG21	1:110:A:MET:HG3	18	0.24
(1,1426)	1:73:A:ILE:HG22	1:110:A:MET:HG2	18	0.24
(1,1426)	1:73:A:ILE:HG22	1:110:A:MET:HG3	18	0.24
(1,1426)	1:73:A:ILE:HG23	1:110:A:MET:HG2	18	0.24
(1,1426)	1:73:A:ILE:HG23	1:110:A:MET:HG3	18	0.24
(1,1361)	1:120:A:CYS:HA	1:121:A:VAL:HG11	2	0.24
(1,1361)	1:120:A:CYS:HA	1:121:A:VAL:HG12	2	0.24
(1,1361)	1:120:A:CYS:HA	1:121:A:VAL:HG13	2	0.24
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	15	0.24
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	15	0.24
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	15	0.24
(1,1076)	1:66:A:THR:HG21	1:95:A:ILE:HA	2	0.24
(1,1076)	1:66:A:THR:HG22	1:95:A:ILE:HA	2	0.24
(1,1076)	1:66:A:THR:HG23	1:95:A:ILE:HA	2	0.24
(1,968)	1:11:A:ILE:HD11	1:12:A:VAL:HA	16	0.24
(1,968)	1:11:A:ILE:HD12	1:12:A:VAL:HA	16	0.24
(1,968)	1:11:A:ILE:HD13	1:12:A:VAL:HA	16	0.24
(1,946)	1:93:A:GLU:HG2	1:94:A:ALA:HB1	19	0.24
(1,946)	1:93:A:GLU:HG2	1:94:A:ALA:HB2	19	0.24
(1,946)	1:93:A:GLU:HG2	1:94:A:ALA:HB3	19	0.24
(1,946)	1:93:A:GLU:HG3	1:94:A:ALA:HB1	19	0.24
(1,946)	1:93:A:GLU:HG3	1:94:A:ALA:HB2	19	0.24
(1,946)	1:93:A:GLU:HG3	1:94:A:ALA:HB3	19	0.24
(1,942)	1:125:A:THR:HB	1:128:A:LEU:HB2	7	0.24
(1,827)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	19	0.24
(1,827)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	19	0.24
(1,827)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	19	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,825)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	8	0.24
(1,825)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	8	0.24
(1,825)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	8	0.24
(1,825)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	10	0.24
(1,825)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	10	0.24
(1,825)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	10	0.24
(1,817)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	16	0.24
(1,817)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	16	0.24
(1,817)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	16	0.24
(1,817)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	16	0.24
(1,817)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	16	0.24
(1,817)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	16	0.24
(1,415)	1:125:A:THR:H	1:125:A:THR:HB	9	0.24
(1,377)	1:40:A:LEU:HB3	1:41:A:LYS:H	11	0.24
(1,357)	1:104:A:PHE:H	1:104:A:PHE:HD1	13	0.24
(1,357)	1:104:A:PHE:H	1:104:A:PHE:HD2	13	0.24
(1,299)	1:43:A:MET:H	1:43:A:MET:HG2	5	0.24
(1,272)	1:39:A:VAL:H	1:139:A:LEU:HD11	13	0.24
(1,272)	1:39:A:VAL:H	1:139:A:LEU:HD12	13	0.24
(1,272)	1:39:A:VAL:H	1:139:A:LEU:HD13	13	0.24
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD1	10	0.24
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD2	10	0.24
(1,113)	1:69:A:MET:H	1:69:A:MET:HE1	2	0.24
(1,113)	1:69:A:MET:H	1:69:A:MET:HE2	2	0.24
(1,113)	1:69:A:MET:H	1:69:A:MET:HE3	2	0.24
(1,53)	1:44:A:GLU:HB2	1:47:A:ALA:H	11	0.24
(1,53)	1:44:A:GLU:HB3	1:47:A:ALA:H	11	0.24
(1,32)	1:35:A:LEU:H	1:35:A:LEU:HG	4	0.24
(1,9)	1:64:A:LYS:H	1:116:A:GLN:HE22	2	0.24
(1,9)	1:64:A:LYS:H	1:116:A:GLN:HE22	16	0.24
(34,2455)	1:137:A:SER:HB2	1:139:A:LEU:H	12	0.23
(34,2455)	1:137:A:SER:HB3	1:139:A:LEU:H	12	0.23
(34,2413)	1:126:A:GLY:H	1:129:A:LYS:HG2	19	0.23
(34,2413)	1:126:A:GLY:H	1:129:A:LYS:HG3	19	0.23
(34,2241)	1:69:A:MET:HG2	1:109:A:PRO:HA	12	0.23
(34,2241)	1:69:A:MET:HG3	1:109:A:PRO:HA	12	0.23
(34,2236)	1:69:A:MET:H	1:69:A:MET:HG2	1	0.23
(34,2236)	1:69:A:MET:H	1:69:A:MET:HG3	1	0.23
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG11	14	0.23
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG12	14	0.23
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG13	14	0.23
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG21	14	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG22	14	0.23
(34,2168)	1:47:A:ALA:HA	1:134:A:VAL:HG23	14	0.23
(34,2140)	1:40:A:LEU:HD11	1:44:A:GLU:H	7	0.23
(34,2140)	1:40:A:LEU:HD12	1:44:A:GLU:H	7	0.23
(34,2140)	1:40:A:LEU:HD13	1:44:A:GLU:H	7	0.23
(34,2140)	1:40:A:LEU:HD21	1:44:A:GLU:H	7	0.23
(34,2140)	1:40:A:LEU:HD22	1:44:A:GLU:H	7	0.23
(34,2140)	1:40:A:LEU:HD23	1:44:A:GLU:H	7	0.23
(34,2140)	1:40:A:LEU:HD11	1:44:A:GLU:H	16	0.23
(34,2140)	1:40:A:LEU:HD12	1:44:A:GLU:H	16	0.23
(34,2140)	1:40:A:LEU:HD13	1:44:A:GLU:H	16	0.23
(34,2140)	1:40:A:LEU:HD21	1:44:A:GLU:H	16	0.23
(34,2140)	1:40:A:LEU:HD22	1:44:A:GLU:H	16	0.23
(34,2140)	1:40:A:LEU:HD23	1:44:A:GLU:H	16	0.23
(34,1993)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	11	0.23
(34,1993)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	11	0.23
(34,1993)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	11	0.23
(34,1993)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	11	0.23
(34,1993)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	11	0.23
(34,1993)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	11	0.23
(34,1993)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	11	0.23
(34,1993)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	11	0.23
(34,1993)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	11	0.23
(34,1993)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	11	0.23
(34,1993)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	11	0.23
(34,1993)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	11	0.23
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	16	0.23
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	16	0.23
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	16	0.23
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	16	0.23
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	16	0.23
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	16	0.23
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	16	0.23
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	16	0.23
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	16	0.23
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	16	0.23
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	16	0.23
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	16	0.23
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	16	0.23
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	16	0.23
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	16	0.23
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	16	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	16	0.23
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	16	0.23
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG11	9	0.23
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG12	9	0.23
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG13	9	0.23
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	9	0.23
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	9	0.23
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	9	0.23
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG11	10	0.23
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG12	10	0.23
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG13	10	0.23
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	10	0.23
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	10	0.23
(34,1954)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	10	0.23
(34,1917)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	6	0.23
(34,1917)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	6	0.23
(34,1912)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	11	0.23
(34,1912)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	11	0.23
(34,1912)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	11	0.23
(34,1912)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	11	0.23
(34,1912)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	11	0.23
(34,1912)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	11	0.23
(34,1906)	1:63:A:ILE:HB	1:113:A:PHE:HD1	7	0.23
(34,1906)	1:63:A:ILE:HB	1:113:A:PHE:HD2	7	0.23
(34,1881)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	18	0.23
(34,1881)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	18	0.23
(34,1881)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	18	0.23
(34,1881)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	18	0.23
(34,1881)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	18	0.23
(34,1881)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	18	0.23
(34,1863)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	9	0.23
(34,1863)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	9	0.23
(34,1837)	1:9:A:PHE:HZ	1:54:A:ARG:HA	12	0.23
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	1	0.23
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	1	0.23
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	1	0.23
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	1	0.23
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	1	0.23
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	1	0.23
(34,1737)	1:68:A:LYS:HA	1:71:A:LYS:HB2	5	0.23
(34,1726)	1:66:A:THR:HG1	1:69:A:MET:HG3	17	0.23
(34,1631)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	8	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1631)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	8	0.23
(34,1631)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	8	0.23
(34,1631)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	8	0.23
(34,1631)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	8	0.23
(34,1631)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	8	0.23
(34,1579)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	9	0.23
(34,1579)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	9	0.23
(34,1579)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	9	0.23
(34,1579)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	9	0.23
(34,1579)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	9	0.23
(34,1579)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	9	0.23
(34,1579)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	9	0.23
(34,1579)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	9	0.23
(34,1579)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	9	0.23
(34,1553)	1:76:A:ARG:HE	1:110:A:MET:HE1	7	0.23
(34,1553)	1:76:A:ARG:HE	1:110:A:MET:HE2	7	0.23
(34,1553)	1:76:A:ARG:HE	1:110:A:MET:HE3	7	0.23
(34,1522)	1:12:A:VAL:HA	1:43:A:MET:HE1	15	0.23
(34,1522)	1:12:A:VAL:HA	1:43:A:MET:HE2	15	0.23
(34,1522)	1:12:A:VAL:HA	1:43:A:MET:HE3	15	0.23
(34,1503)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	10	0.23
(34,1503)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	10	0.23
(34,1503)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	10	0.23
(34,1503)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	10	0.23
(34,1503)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	10	0.23
(34,1503)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	10	0.23
(34,1467)	1:30:A:LEU:H	1:31:A:PRO:HD3	9	0.23
(34,1459)	1:50:A:ALA:HB1	1:130:A:GLY:H	1	0.23
(34,1459)	1:50:A:ALA:HB2	1:130:A:GLY:H	1	0.23
(34,1459)	1:50:A:ALA:HB3	1:130:A:GLY:H	1	0.23
(34,1459)	1:50:A:ALA:HB1	1:130:A:GLY:H	8	0.23
(34,1459)	1:50:A:ALA:HB2	1:130:A:GLY:H	8	0.23
(34,1459)	1:50:A:ALA:HB3	1:130:A:GLY:H	8	0.23
(34,1451)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	8	0.23
(34,1451)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	8	0.23
(34,1451)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	8	0.23
(34,1394)	1:132:A:ALA:HA	1:134:A:VAL:HG11	13	0.23
(34,1394)	1:132:A:ALA:HA	1:134:A:VAL:HG12	13	0.23
(34,1394)	1:132:A:ALA:HA	1:134:A:VAL:HG13	13	0.23
(34,1357)	1:103:A:ARG:HG2	1:106:A:ASP:HA	3	0.23
(34,1357)	1:103:A:ARG:HG3	1:106:A:ASP:HA	3	0.23
(34,1252)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	11	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1252)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	11	0.23
(34,1252)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	11	0.23
(34,939)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	18	0.23
(34,939)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	18	0.23
(34,939)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	18	0.23
(34,878)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	3	0.23
(34,878)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	3	0.23
(34,878)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	5	0.23
(34,878)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	5	0.23
(34,822)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.23
(34,822)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.23
(34,822)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.23
(34,821)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	13	0.23
(34,821)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	13	0.23
(34,821)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	13	0.23
(34,816)	1:98:A:ILE:HD11	1:100:A:ALA:H	9	0.23
(34,816)	1:98:A:ILE:HD12	1:100:A:ALA:H	9	0.23
(34,816)	1:98:A:ILE:HD13	1:100:A:ALA:H	9	0.23
(34,810)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	17	0.23
(34,810)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	17	0.23
(34,810)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	17	0.23
(34,810)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	17	0.23
(34,810)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	17	0.23
(34,810)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	17	0.23
(34,801)	1:63:A:ILE:HD11	1:117:A:VAL:HB	4	0.23
(34,801)	1:63:A:ILE:HD12	1:117:A:VAL:HB	4	0.23
(34,801)	1:63:A:ILE:HD13	1:117:A:VAL:HB	4	0.23
(34,762)	1:141:A:LYS:H	1:143:A:TRP:HB2	18	0.23
(34,607)	1:55:A:GLY:H	1:57:A:LEU:H	5	0.23
(34,607)	1:55:A:GLY:H	1:57:A:LEU:H	10	0.23
(34,552)	1:60:A:LEU:HD21	1:61:A:SER:H	9	0.23
(34,552)	1:60:A:LEU:HD22	1:61:A:SER:H	9	0.23
(34,552)	1:60:A:LEU:HD23	1:61:A:SER:H	9	0.23
(34,552)	1:60:A:LEU:HD21	1:61:A:SER:H	17	0.23
(34,552)	1:60:A:LEU:HD22	1:61:A:SER:H	17	0.23
(34,552)	1:60:A:LEU:HD23	1:61:A:SER:H	17	0.23
(34,354)	1:122:A:ASP:HB3	1:123:A:CYS:H	5	0.23
(34,325)	1:136:A:CYS:HA	1:140:A:LEU:H	13	0.23
(34,302)	1:43:A:MET:H	1:43:A:MET:HG3	6	0.23
(34,301)	1:121:A:VAL:H	1:121:A:VAL:HB	11	0.23
(34,297)	1:120:A:CYS:H	1:121:A:VAL:H	10	0.23
(34,294)	1:50:A:ALA:HB1	1:52:A:CYS:H	12	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,294)	1:50:A:ALA:HB2	1:52:A:CYS:H	12	0.23
(34,294)	1:50:A:ALA:HB3	1:52:A:CYS:H	12	0.23
(34,294)	1:50:A:ALA:HB1	1:52:A:CYS:H	14	0.23
(34,294)	1:50:A:ALA:HB2	1:52:A:CYS:H	14	0.23
(34,294)	1:50:A:ALA:HB3	1:52:A:CYS:H	14	0.23
(34,167)	1:94:A:ALA:HA	1:95:A:ILE:H	15	0.23
(34,130)	1:46:A:ASN:HB3	1:49:A:LYS:H	1	0.23
(34,130)	1:46:A:ASN:HB3	1:49:A:LYS:H	14	0.23
(34,118)	1:80:A:TYR:H	1:81:A:GLU:HG2	16	0.23
(34,118)	1:80:A:TYR:H	1:81:A:GLU:HG3	16	0.23
(34,64)	1:81:A:GLU:H	1:81:A:GLU:HG2	15	0.23
(34,64)	1:81:A:GLU:H	1:81:A:GLU:HG3	15	0.23
(34,16)	1:64:A:LYS:H	1:64:A:LYS:HD2	4	0.23
(34,16)	1:64:A:LYS:H	1:64:A:LYS:HD3	4	0.23
(34,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	10	0.23
(33,2304)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	11	0.23
(33,2304)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	11	0.23
(33,2304)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	11	0.23
(33,2304)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	11	0.23
(33,2304)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	11	0.23
(33,2304)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	11	0.23
(33,2304)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	11	0.23
(33,2304)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	11	0.23
(33,2304)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	11	0.23
(33,2304)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	11	0.23
(33,2304)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	11	0.23
(33,2304)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	11	0.23
(33,2279)	1:75:A:GLY:H	1:76:A:ARG:HB2	5	0.23
(33,2279)	1:75:A:GLY:H	1:76:A:ARG:HB3	5	0.23
(33,2251)	1:69:A:MET:HG2	1:70:A:LYS:HG2	2	0.23
(33,2251)	1:69:A:MET:HG2	1:70:A:LYS:HG3	2	0.23
(33,2251)	1:69:A:MET:HG3	1:70:A:LYS:HG2	2	0.23
(33,2251)	1:69:A:MET:HG3	1:70:A:LYS:HG3	2	0.23
(33,2245)	1:68:A:LYS:H	1:70:A:LYS:HG2	6	0.23
(33,2245)	1:68:A:LYS:H	1:70:A:LYS:HG3	6	0.23
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD11	11	0.23
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD12	11	0.23
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD13	11	0.23
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD21	11	0.23
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD22	11	0.23
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD23	11	0.23
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD11	9	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD12	9	0.23
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD13	9	0.23
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD21	9	0.23
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD22	9	0.23
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD23	9	0.23
(33,1863)	1:9:A:PHE:HE1	1:14:A:VAL:HB	5	0.23
(33,1863)	1:9:A:PHE:HE2	1:14:A:VAL:HB	5	0.23
(33,1851)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	9	0.23
(33,1851)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	9	0.23
(33,1835)	1:61:A:SER:H	1:62:A:HIS:HD2	10	0.23
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	9	0.23
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	9	0.23
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	9	0.23
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	19	0.23
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	19	0.23
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	19	0.23
(33,1769)	1:101:A:ILE:HG21	1:102:A:PRO:HA	16	0.23
(33,1769)	1:101:A:ILE:HG22	1:102:A:PRO:HA	16	0.23
(33,1769)	1:101:A:ILE:HG23	1:102:A:PRO:HA	16	0.23
(33,1718)	1:68:A:LYS:HA	1:71:A:LYS:HB2	5	0.23
(33,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG21	3	0.23
(33,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG22	3	0.23
(33,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG23	3	0.23
(33,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG21	3	0.23
(33,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG22	3	0.23
(33,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG23	3	0.23
(33,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG21	3	0.23
(33,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG22	3	0.23
(33,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG23	3	0.23
(33,1678)	1:72:A:PHE:HB2	1:109:A:PRO:HA	11	0.23
(33,1644)	1:134:A:VAL:HG21	1:137:A:SER:H	2	0.23
(33,1644)	1:134:A:VAL:HG22	1:137:A:SER:H	2	0.23
(33,1644)	1:134:A:VAL:HG23	1:137:A:SER:H	2	0.23
(33,1534)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	7	0.23
(33,1534)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	7	0.23
(33,1534)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	7	0.23
(33,1534)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	7	0.23
(33,1534)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	7	0.23
(33,1534)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	7	0.23
(33,1529)	1:76:A:ARG:HE	1:110:A:MET:HE1	7	0.23
(33,1529)	1:76:A:ARG:HE	1:110:A:MET:HE2	7	0.23
(33,1529)	1:76:A:ARG:HE	1:110:A:MET:HE3	7	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1517)	1:110:A:MET:HE1	1:113:A:PHE:HA	7	0.23
(33,1517)	1:110:A:MET:HE2	1:113:A:PHE:HA	7	0.23
(33,1517)	1:110:A:MET:HE3	1:113:A:PHE:HA	7	0.23
(33,1509)	1:69:A:MET:HE1	1:115:A:ALA:H	9	0.23
(33,1509)	1:69:A:MET:HE2	1:115:A:ALA:H	9	0.23
(33,1509)	1:69:A:MET:HE3	1:115:A:ALA:H	9	0.23
(33,1499)	1:12:A:VAL:HA	1:43:A:MET:HE1	15	0.23
(33,1499)	1:12:A:VAL:HA	1:43:A:MET:HE2	15	0.23
(33,1499)	1:12:A:VAL:HA	1:43:A:MET:HE3	15	0.23
(33,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	10	0.23
(33,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	10	0.23
(33,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	10	0.23
(33,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	10	0.23
(33,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	10	0.23
(33,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	10	0.23
(33,1467)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	11	0.23
(33,1467)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	11	0.23
(33,1467)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	11	0.23
(33,1467)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	11	0.23
(33,1467)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	11	0.23
(33,1467)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	11	0.23
(33,1467)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	14	0.23
(33,1467)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	14	0.23
(33,1467)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	14	0.23
(33,1467)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	14	0.23
(33,1467)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	14	0.23
(33,1467)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	14	0.23
(33,1394)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	12	0.23
(33,1394)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	12	0.23
(33,1394)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	12	0.23
(33,1394)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	12	0.23
(33,1394)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	12	0.23
(33,1394)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	12	0.23
(33,1253)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	15	0.23
(33,1253)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	15	0.23
(33,1253)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	15	0.23
(33,1253)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	15	0.23
(33,1253)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	15	0.23
(33,1253)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	15	0.23
(33,1082)	1:45:A:ALA:HA	1:48:A:ARG:HG2	14	0.23
(33,1082)	1:45:A:ALA:HA	1:48:A:ARG:HG3	14	0.23
(33,1082)	1:45:A:ALA:HA	1:48:A:ARG:HG2	19	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1082)	1:45:A:ALA:HA	1:48:A:ARG:HG3	19	0.23
(33,1060)	1:71:A:LYS:HG3	1:72:A:PHE:HA	2	0.23
(33,991)	1:104:A:PHE:H	1:105:A:LYS:HB2	4	0.23
(33,991)	1:104:A:PHE:H	1:105:A:LYS:HB3	4	0.23
(33,972)	1:140:A:LEU:HD21	1:141:A:LYS:HB2	4	0.23
(33,972)	1:140:A:LEU:HD21	1:141:A:LYS:HB3	4	0.23
(33,972)	1:140:A:LEU:HD22	1:141:A:LYS:HB2	4	0.23
(33,972)	1:140:A:LEU:HD22	1:141:A:LYS:HB3	4	0.23
(33,972)	1:140:A:LEU:HD23	1:141:A:LYS:HB2	4	0.23
(33,972)	1:140:A:LEU:HD23	1:141:A:LYS:HB3	4	0.23
(33,972)	1:140:A:LEU:HD21	1:141:A:LYS:HB2	17	0.23
(33,972)	1:140:A:LEU:HD21	1:141:A:LYS:HB3	17	0.23
(33,972)	1:140:A:LEU:HD22	1:141:A:LYS:HB2	17	0.23
(33,972)	1:140:A:LEU:HD22	1:141:A:LYS:HB3	17	0.23
(33,972)	1:140:A:LEU:HD23	1:141:A:LYS:HB2	17	0.23
(33,972)	1:140:A:LEU:HD23	1:141:A:LYS:HB3	17	0.23
(33,967)	1:11:A:ILE:HD11	1:43:A:MET:HB3	15	0.23
(33,967)	1:11:A:ILE:HD12	1:43:A:MET:HB3	15	0.23
(33,967)	1:11:A:ILE:HD13	1:43:A:MET:HB3	15	0.23
(33,818)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.23
(33,818)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.23
(33,818)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.23
(33,817)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	2	0.23
(33,817)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	2	0.23
(33,817)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	2	0.23
(33,817)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	7	0.23
(33,817)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	7	0.23
(33,817)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	7	0.23
(33,799)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	19	0.23
(33,799)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	19	0.23
(33,799)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	19	0.23
(33,799)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	19	0.23
(33,799)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	19	0.23
(33,799)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	19	0.23
(33,764)	1:69:A:MET:HG2	1:73:A:ILE:HD11	17	0.23
(33,764)	1:69:A:MET:HG2	1:73:A:ILE:HD12	17	0.23
(33,764)	1:69:A:MET:HG2	1:73:A:ILE:HD13	17	0.23
(33,723)	1:73:A:ILE:HG21	1:76:A:ARG:HE	18	0.23
(33,723)	1:73:A:ILE:HG22	1:76:A:ARG:HE	18	0.23
(33,723)	1:73:A:ILE:HG23	1:76:A:ARG:HE	18	0.23
(33,627)	1:57:A:LEU:H	1:58:A:ILE:HD11	4	0.23
(33,627)	1:57:A:LEU:H	1:58:A:ILE:HD12	4	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,627)	1:57:A:LEU:H	1:58:A:ILE:HD13	4	0.23
(33,603)	1:55:A:GLY:H	1:58:A:ILE:HD11	12	0.23
(33,603)	1:55:A:GLY:H	1:58:A:ILE:HD12	12	0.23
(33,603)	1:55:A:GLY:H	1:58:A:ILE:HD13	12	0.23
(33,602)	1:54:A:ARG:HB2	1:55:A:GLY:H	13	0.23
(33,572)	1:11:A:ILE:HD11	1:16:A:SER:H	16	0.23
(33,572)	1:11:A:ILE:HD12	1:16:A:SER:H	16	0.23
(33,572)	1:11:A:ILE:HD13	1:16:A:SER:H	16	0.23
(33,515)	1:19:A:ALA:HB1	1:21:A:THR:H	11	0.23
(33,515)	1:19:A:ALA:HB2	1:21:A:THR:H	11	0.23
(33,515)	1:19:A:ALA:HB3	1:21:A:THR:H	11	0.23
(33,469)	1:48:A:ARG:HA	1:53:A:THR:H	14	0.23
(33,431)	1:68:A:LYS:H	1:68:A:LYS:HE2	5	0.23
(33,431)	1:68:A:LYS:H	1:68:A:LYS:HE3	5	0.23
(33,355)	1:104:A:PHE:H	1:104:A:PHE:HD1	11	0.23
(33,355)	1:104:A:PHE:H	1:104:A:PHE:HD2	11	0.23
(33,293)	1:121:A:VAL:H	1:121:A:VAL:HB	11	0.23
(33,289)	1:120:A:CYS:H	1:121:A:VAL:H	10	0.23
(33,175)	1:8:A:ASP:H	1:58:A:ILE:HD11	6	0.23
(33,175)	1:8:A:ASP:H	1:58:A:ILE:HD12	6	0.23
(33,175)	1:8:A:ASP:H	1:58:A:ILE:HD13	6	0.23
(33,160)	1:94:A:ALA:HA	1:95:A:ILE:H	15	0.23
(33,70)	1:81:A:GLU:H	1:81:A:GLU:HG2	15	0.23
(33,70)	1:81:A:GLU:H	1:81:A:GLU:HG3	15	0.23
(33,47)	1:98:A:ILE:H	1:104:A:PHE:HB3	5	0.23
(33,45)	1:98:A:ILE:H	1:105:A:LYS:HA	7	0.23
(33,36)	1:95:A:ILE:HB	1:96:A:VAL:H	9	0.23
(32,2441)	1:137:A:SER:HB2	1:139:A:LEU:H	12	0.23
(32,2441)	1:137:A:SER:HB3	1:139:A:LEU:H	12	0.23
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD11	6	0.23
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD12	6	0.23
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD13	6	0.23
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD21	6	0.23
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD22	6	0.23
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD23	6	0.23
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG11	16	0.23
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG12	16	0.23
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG13	16	0.23
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG21	16	0.23
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG22	16	0.23
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG23	16	0.23
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG11	16	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG12	16	0.23
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG13	16	0.23
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG21	16	0.23
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG22	16	0.23
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG23	16	0.23
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG11	16	0.23
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG12	16	0.23
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG13	16	0.23
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG21	16	0.23
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG22	16	0.23
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG23	16	0.23
(32,2195)	1:60:A:LEU:HD11	1:120:A:CYS:HA	7	0.23
(32,2195)	1:60:A:LEU:HD12	1:120:A:CYS:HA	7	0.23
(32,2195)	1:60:A:LEU:HD13	1:120:A:CYS:HA	7	0.23
(32,2195)	1:60:A:LEU:HD21	1:120:A:CYS:HA	7	0.23
(32,2195)	1:60:A:LEU:HD22	1:120:A:CYS:HA	7	0.23
(32,2195)	1:60:A:LEU:HD23	1:120:A:CYS:HA	7	0.23
(32,2195)	1:60:A:LEU:HD11	1:120:A:CYS:HA	15	0.23
(32,2195)	1:60:A:LEU:HD12	1:120:A:CYS:HA	15	0.23
(32,2195)	1:60:A:LEU:HD13	1:120:A:CYS:HA	15	0.23
(32,2195)	1:60:A:LEU:HD21	1:120:A:CYS:HA	15	0.23
(32,2195)	1:60:A:LEU:HD22	1:120:A:CYS:HA	15	0.23
(32,2195)	1:60:A:LEU:HD23	1:120:A:CYS:HA	15	0.23
(32,2139)	1:44:A:GLU:H	1:140:A:LEU:HD11	9	0.23
(32,2139)	1:44:A:GLU:H	1:140:A:LEU:HD12	9	0.23
(32,2139)	1:44:A:GLU:H	1:140:A:LEU:HD13	9	0.23
(32,2139)	1:44:A:GLU:H	1:140:A:LEU:HD21	9	0.23
(32,2139)	1:44:A:GLU:H	1:140:A:LEU:HD22	9	0.23
(32,2139)	1:44:A:GLU:H	1:140:A:LEU:HD23	9	0.23
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG11	6	0.23
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG12	6	0.23
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG13	6	0.23
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG21	6	0.23
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG22	6	0.23
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG23	6	0.23
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG11	6	0.23
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG12	6	0.23
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG13	6	0.23
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG21	6	0.23
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG22	6	0.23
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG23	6	0.23
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG11	6	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG12	6	0.23
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG13	6	0.23
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG21	6	0.23
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG22	6	0.23
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG23	6	0.23
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD11	10	0.23
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD12	10	0.23
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD13	10	0.23
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD21	10	0.23
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD22	10	0.23
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD23	10	0.23
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD11	10	0.23
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD12	10	0.23
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD13	10	0.23
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD21	10	0.23
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD22	10	0.23
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD23	10	0.23
(32,2085)	1:39:A:VAL:HA	1:139:A:LEU:HD11	4	0.23
(32,2085)	1:39:A:VAL:HA	1:139:A:LEU:HD12	4	0.23
(32,2085)	1:39:A:VAL:HA	1:139:A:LEU:HD13	4	0.23
(32,2085)	1:39:A:VAL:HA	1:139:A:LEU:HD21	4	0.23
(32,2085)	1:39:A:VAL:HA	1:139:A:LEU:HD22	4	0.23
(32,2085)	1:39:A:VAL:HA	1:139:A:LEU:HD23	4	0.23
(32,2038)	1:31:A:PRO:HD2	1:35:A:LEU:HG	17	0.23
(32,2038)	1:31:A:PRO:HD3	1:35:A:LEU:HG	17	0.23
(32,2006)	1:23:A:LEU:HD11	1:25:A:ALA:H	11	0.23
(32,2006)	1:23:A:LEU:HD12	1:25:A:ALA:H	11	0.23
(32,2006)	1:23:A:LEU:HD13	1:25:A:ALA:H	11	0.23
(32,2006)	1:23:A:LEU:HD21	1:25:A:ALA:H	11	0.23
(32,2006)	1:23:A:LEU:HD22	1:25:A:ALA:H	11	0.23
(32,2006)	1:23:A:LEU:HD23	1:25:A:ALA:H	11	0.23
(32,2004)	1:23:A:LEU:HD11	1:24:A:ASP:H	18	0.23
(32,2004)	1:23:A:LEU:HD12	1:24:A:ASP:H	18	0.23
(32,2004)	1:23:A:LEU:HD13	1:24:A:ASP:H	18	0.23
(32,2004)	1:23:A:LEU:HD21	1:24:A:ASP:H	18	0.23
(32,2004)	1:23:A:LEU:HD22	1:24:A:ASP:H	18	0.23
(32,2004)	1:23:A:LEU:HD23	1:24:A:ASP:H	18	0.23
(32,1957)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	2	0.23
(32,1957)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	2	0.23
(32,1957)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	2	0.23
(32,1957)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	2	0.23
(32,1957)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	2	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1957)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	2	0.23
(32,1868)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	11	0.23
(32,1868)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	11	0.23
(32,1868)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	11	0.23
(32,1868)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	11	0.23
(32,1868)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	11	0.23
(32,1868)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	11	0.23
(32,1818)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	9	0.23
(32,1818)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	9	0.23
(32,1801)	1:143:A:TRP:HA	1:143:A:TRP:HE3	16	0.23
(32,1789)	1:9:A:PHE:HZ	1:54:A:ARG:HA	12	0.23
(32,1761)	1:9:A:PHE:HD1	1:11:A:ILE:HB	13	0.23
(32,1761)	1:9:A:PHE:HD2	1:11:A:ILE:HB	13	0.23
(32,1685)	1:68:A:LYS:HA	1:71:A:LYS:HB2	5	0.23
(32,1676)	1:14:A:VAL:H	1:79:A:THR:HG21	10	0.23
(32,1676)	1:14:A:VAL:H	1:79:A:THR:HG22	10	0.23
(32,1676)	1:14:A:VAL:H	1:79:A:THR:HG23	10	0.23
(32,1671)	1:66:A:THR:HG1	1:69:A:MET:HG3	17	0.23
(32,1502)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	7	0.23
(32,1502)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	7	0.23
(32,1502)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	7	0.23
(32,1502)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	7	0.23
(32,1502)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	7	0.23
(32,1502)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	7	0.23
(32,1498)	1:76:A:ARG:HE	1:110:A:MET:HE1	7	0.23
(32,1498)	1:76:A:ARG:HE	1:110:A:MET:HE2	7	0.23
(32,1498)	1:76:A:ARG:HE	1:110:A:MET:HE3	7	0.23
(32,1486)	1:110:A:MET:HE1	1:113:A:PHE:HA	7	0.23
(32,1486)	1:110:A:MET:HE2	1:113:A:PHE:HA	7	0.23
(32,1486)	1:110:A:MET:HE3	1:113:A:PHE:HA	7	0.23
(32,1465)	1:12:A:VAL:HA	1:43:A:MET:HE1	15	0.23
(32,1465)	1:12:A:VAL:HA	1:43:A:MET:HE2	15	0.23
(32,1465)	1:12:A:VAL:HA	1:43:A:MET:HE3	15	0.23
(32,1460)	1:12:A:VAL:H	1:43:A:MET:HE1	16	0.23
(32,1460)	1:12:A:VAL:H	1:43:A:MET:HE2	16	0.23
(32,1460)	1:12:A:VAL:H	1:43:A:MET:HE3	16	0.23
(32,1440)	1:101:A:ILE:HG21	1:116:A:GLN:H	15	0.23
(32,1440)	1:101:A:ILE:HG22	1:116:A:GLN:H	15	0.23
(32,1440)	1:101:A:ILE:HG23	1:116:A:GLN:H	15	0.23
(32,1411)	1:50:A:ALA:HB1	1:130:A:GLY:H	1	0.23
(32,1411)	1:50:A:ALA:HB2	1:130:A:GLY:H	1	0.23
(32,1411)	1:50:A:ALA:HB3	1:130:A:GLY:H	1	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1411)	1:50:A:ALA:HB1	1:130:A:GLY:H	8	0.23
(32,1411)	1:50:A:ALA:HB2	1:130:A:GLY:H	8	0.23
(32,1411)	1:50:A:ALA:HB3	1:130:A:GLY:H	8	0.23
(32,1363)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	12	0.23
(32,1363)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	12	0.23
(32,1363)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	12	0.23
(32,1363)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	12	0.23
(32,1363)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	12	0.23
(32,1363)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	12	0.23
(32,1339)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	15	0.23
(32,1339)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	15	0.23
(32,1339)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	15	0.23
(32,1183)	1:11:A:ILE:HD11	1:131:A:LEU:HA	17	0.23
(32,1183)	1:11:A:ILE:HD12	1:131:A:LEU:HA	17	0.23
(32,1183)	1:11:A:ILE:HD13	1:131:A:LEU:HA	17	0.23
(32,958)	1:104:A:PHE:H	1:105:A:LYS:HD2	1	0.23
(32,958)	1:104:A:PHE:H	1:105:A:LYS:HD3	1	0.23
(32,933)	1:11:A:ILE:HG13	1:43:A:MET:HB2	11	0.23
(32,795)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	2	0.23
(32,795)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	2	0.23
(32,795)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	2	0.23
(32,795)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	7	0.23
(32,795)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	7	0.23
(32,795)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	7	0.23
(32,781)	1:63:A:ILE:HD11	1:116:A:GLN:HE21	3	0.23
(32,781)	1:63:A:ILE:HD12	1:116:A:GLN:HE21	3	0.23
(32,781)	1:63:A:ILE:HD13	1:116:A:GLN:HE21	3	0.23
(32,773)	1:63:A:ILE:HD11	1:117:A:VAL:HB	4	0.23
(32,773)	1:63:A:ILE:HD12	1:117:A:VAL:HB	4	0.23
(32,773)	1:63:A:ILE:HD13	1:117:A:VAL:HB	4	0.23
(32,741)	1:141:A:LYS:H	1:143:A:TRP:HB2	18	0.23
(32,699)	1:9:A:PHE:HD1	1:54:A:ARG:HE	2	0.23
(32,699)	1:9:A:PHE:HD2	1:54:A:ARG:HE	2	0.23
(32,640)	1:98:A:ILE:H	1:100:A:ALA:H	10	0.23
(32,586)	1:54:A:ARG:HB2	1:55:A:GLY:H	13	0.23
(32,504)	1:19:A:ALA:HB1	1:21:A:THR:H	11	0.23
(32,504)	1:19:A:ALA:HB2	1:21:A:THR:H	11	0.23
(32,504)	1:19:A:ALA:HB3	1:21:A:THR:H	11	0.23
(32,458)	1:48:A:ARG:HA	1:53:A:THR:H	14	0.23
(32,360)	1:132:A:ALA:H	1:133:A:ASN:HD22	18	0.23
(32,350)	1:23:A:LEU:HB2	1:26:A:ASP:H	12	0.23
(32,350)	1:23:A:LEU:HB3	1:26:A:ASP:H	12	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,288)	1:121:A:VAL:H	1:121:A:VAL:HB	11	0.23
(32,282)	1:50:A:ALA:HB1	1:52:A:CYS:H	12	0.23
(32,282)	1:50:A:ALA:HB2	1:52:A:CYS:H	12	0.23
(32,282)	1:50:A:ALA:HB3	1:52:A:CYS:H	12	0.23
(32,282)	1:50:A:ALA:HB1	1:52:A:CYS:H	14	0.23
(32,282)	1:50:A:ALA:HB2	1:52:A:CYS:H	14	0.23
(32,282)	1:50:A:ALA:HB3	1:52:A:CYS:H	14	0.23
(32,243)	1:57:A:LEU:HD21	1:58:A:ILE:H	7	0.23
(32,243)	1:57:A:LEU:HD22	1:58:A:ILE:H	7	0.23
(32,243)	1:57:A:LEU:HD23	1:58:A:ILE:H	7	0.23
(32,192)	1:101:A:ILE:H	1:104:A:PHE:HD1	8	0.23
(32,192)	1:101:A:ILE:H	1:104:A:PHE:HD2	8	0.23
(32,192)	1:101:A:ILE:H	1:104:A:PHE:HD1	14	0.23
(32,192)	1:101:A:ILE:H	1:104:A:PHE:HD2	14	0.23
(32,80)	1:30:A:LEU:H	1:30:A:LEU:HB2	7	0.23
(32,80)	1:30:A:LEU:H	1:30:A:LEU:HB3	7	0.23
(32,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	10	0.23
(30,2370)	1:115:A:ALA:H	1:116:A:GLN:HE21	16	0.23
(30,2370)	1:115:A:ALA:H	1:116:A:GLN:HE22	16	0.23
(30,2345)	1:107:A:LEU:HD11	1:112:A:GLN:H	10	0.23
(30,2345)	1:107:A:LEU:HD12	1:112:A:GLN:H	10	0.23
(30,2345)	1:107:A:LEU:HD13	1:112:A:GLN:H	10	0.23
(30,2345)	1:107:A:LEU:HD21	1:112:A:GLN:H	10	0.23
(30,2345)	1:107:A:LEU:HD22	1:112:A:GLN:H	10	0.23
(30,2345)	1:107:A:LEU:HD23	1:112:A:GLN:H	10	0.23
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	14	0.23
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	14	0.23
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	14	0.23
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	14	0.23
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	14	0.23
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	14	0.23
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	14	0.23
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	14	0.23
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	14	0.23
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	14	0.23
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	14	0.23
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	14	0.23
(30,2276)	1:75:A:GLY:H	1:77:A:CYS:HB2	6	0.23
(30,2276)	1:75:A:GLY:H	1:77:A:CYS:HB3	6	0.23
(30,2250)	1:69:A:MET:HG2	1:73:A:ILE:HD11	19	0.23
(30,2250)	1:69:A:MET:HG2	1:73:A:ILE:HD12	19	0.23
(30,2250)	1:69:A:MET:HG2	1:73:A:ILE:HD13	19	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2250)	1:69:A:MET:HG3	1:73:A:ILE:HD11	19	0.23
(30,2250)	1:69:A:MET:HG3	1:73:A:ILE:HD12	19	0.23
(30,2250)	1:69:A:MET:HG3	1:73:A:ILE:HD13	19	0.23
(30,2220)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	12	0.23
(30,2220)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	12	0.23
(30,2220)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	12	0.23
(30,2220)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	12	0.23
(30,2220)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	12	0.23
(30,2220)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	12	0.23
(30,2157)	1:43:A:MET:H	1:43:A:MET:HG2	14	0.23
(30,2157)	1:43:A:MET:H	1:43:A:MET:HG3	14	0.23
(30,2084)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	2	0.23
(30,2084)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	2	0.23
(30,2084)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	2	0.23
(30,2084)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	2	0.23
(30,2084)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	2	0.23
(30,2084)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	2	0.23
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD11	11	0.23
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD12	11	0.23
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD13	11	0.23
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD21	11	0.23
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD22	11	0.23
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD23	11	0.23
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD11	11	0.23
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD12	11	0.23
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD13	11	0.23
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD21	11	0.23
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD22	11	0.23
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD23	11	0.23
(30,2025)	1:18:A:PHE:HZ	1:131:A:LEU:HD11	7	0.23
(30,2025)	1:18:A:PHE:HZ	1:131:A:LEU:HD12	7	0.23
(30,2025)	1:18:A:PHE:HZ	1:131:A:LEU:HD13	7	0.23
(30,2025)	1:18:A:PHE:HZ	1:131:A:LEU:HD21	7	0.23
(30,2025)	1:18:A:PHE:HZ	1:131:A:LEU:HD22	7	0.23
(30,2025)	1:18:A:PHE:HZ	1:131:A:LEU:HD23	7	0.23
(30,2009)	1:16:A:SER:H	1:131:A:LEU:HD11	19	0.23
(30,2009)	1:16:A:SER:H	1:131:A:LEU:HD12	19	0.23
(30,2009)	1:16:A:SER:H	1:131:A:LEU:HD13	19	0.23
(30,2009)	1:16:A:SER:H	1:131:A:LEU:HD21	19	0.23
(30,2009)	1:16:A:SER:H	1:131:A:LEU:HD22	19	0.23
(30,2009)	1:16:A:SER:H	1:131:A:LEU:HD23	19	0.23
(30,2005)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	16	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2005)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	16	0.23
(30,2005)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	16	0.23
(30,2005)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	16	0.23
(30,2005)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	16	0.23
(30,2005)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	16	0.23
(30,2000)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	13	0.23
(30,2000)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	13	0.23
(30,2000)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	13	0.23
(30,2000)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	13	0.23
(30,2000)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	13	0.23
(30,2000)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	13	0.23
(30,2000)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	13	0.23
(30,2000)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	13	0.23
(30,2000)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	13	0.23
(30,2000)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	13	0.23
(30,2000)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	13	0.23
(30,2000)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	13	0.23
(30,2000)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	13	0.23
(30,2000)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	13	0.23
(30,2000)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	13	0.23
(30,2000)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	13	0.23
(30,2000)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	13	0.23
(30,2000)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	13	0.23
(30,2000)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	13	0.23
(30,2000)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	13	0.23
(30,2000)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	13	0.23
(30,2000)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	13	0.23
(30,2000)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	13	0.23
(30,2000)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	13	0.23
(30,2000)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	13	0.23
(30,2000)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	13	0.23
(30,2000)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	13	0.23
(30,2000)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	13	0.23
(30,2000)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	13	0.23
(30,2000)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	13	0.23
(30,2000)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	13	0.23
(30,2000)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	13	0.23
(30,2000)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	13	0.23
(30,2000)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	13	0.23
(30,2000)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	13	0.23
(30,2000)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	13	0.23
(30,1995)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	2	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1995)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	2	0.23
(30,1995)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	2	0.23
(30,1995)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	2	0.23
(30,1995)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	2	0.23
(30,1995)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	2	0.23
(30,1906)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	11	0.23
(30,1906)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	11	0.23
(30,1906)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	11	0.23
(30,1906)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	11	0.23
(30,1906)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	11	0.23
(30,1906)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	11	0.23
(30,1855)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	9	0.23
(30,1855)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	9	0.23
(30,1844)	1:13:A:ALA:HA	1:80:A:TYR:HE1	1	0.23
(30,1844)	1:13:A:ALA:HA	1:80:A:TYR:HE2	1	0.23
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	18	0.23
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	18	0.23
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	18	0.23
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	18	0.23
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD21	6	0.23
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD22	6	0.23
(30,1737)	1:39:A:VAL:HB	1:144:A:LEU:HD23	6	0.23
(30,1733)	1:68:A:LYS:HA	1:71:A:LYS:HB2	5	0.23
(30,1731)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.23
(30,1731)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.23
(30,1731)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.23
(30,1731)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.23
(30,1731)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.23
(30,1731)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.23
(30,1725)	1:14:A:VAL:H	1:79:A:THR:HG21	18	0.23
(30,1725)	1:14:A:VAL:H	1:79:A:THR:HG22	18	0.23
(30,1725)	1:14:A:VAL:H	1:79:A:THR:HG23	18	0.23
(30,1721)	1:66:A:THR:HG1	1:69:A:MET:HG3	17	0.23
(30,1618)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	8	0.23
(30,1618)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	8	0.23
(30,1618)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	8	0.23
(30,1618)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	8	0.23
(30,1618)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	8	0.23
(30,1618)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	8	0.23
(30,1523)	1:110:A:MET:HE1	1:113:A:PHE:HA	7	0.23
(30,1523)	1:110:A:MET:HE2	1:113:A:PHE:HA	7	0.23
(30,1523)	1:110:A:MET:HE3	1:113:A:PHE:HA	7	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1505)	1:12:A:VAL:HA	1:43:A:MET:HE1	15	0.23
(30,1505)	1:12:A:VAL:HA	1:43:A:MET:HE2	15	0.23
(30,1505)	1:12:A:VAL:HA	1:43:A:MET:HE3	15	0.23
(30,1496)	1:114:A:ILE:HG21	1:117:A:VAL:HB	19	0.23
(30,1496)	1:114:A:ILE:HG22	1:117:A:VAL:HB	19	0.23
(30,1496)	1:114:A:ILE:HG23	1:117:A:VAL:HB	19	0.23
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	8	0.23
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	8	0.23
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	8	0.23
(30,1333)	1:103:A:ARG:HG2	1:106:A:ASP:HA	3	0.23
(30,1333)	1:103:A:ARG:HG3	1:106:A:ASP:HA	3	0.23
(30,1303)	1:66:A:THR:HG21	1:96:A:VAL:HG21	3	0.23
(30,1303)	1:66:A:THR:HG21	1:96:A:VAL:HG22	3	0.23
(30,1303)	1:66:A:THR:HG21	1:96:A:VAL:HG23	3	0.23
(30,1303)	1:66:A:THR:HG22	1:96:A:VAL:HG21	3	0.23
(30,1303)	1:66:A:THR:HG22	1:96:A:VAL:HG22	3	0.23
(30,1303)	1:66:A:THR:HG22	1:96:A:VAL:HG23	3	0.23
(30,1303)	1:66:A:THR:HG23	1:96:A:VAL:HG21	3	0.23
(30,1303)	1:66:A:THR:HG23	1:96:A:VAL:HG22	3	0.23
(30,1303)	1:66:A:THR:HG23	1:96:A:VAL:HG23	3	0.23
(30,1261)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	10	0.23
(30,1261)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	10	0.23
(30,1261)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	10	0.23
(30,1261)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	10	0.23
(30,1261)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	10	0.23
(30,1261)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	10	0.23
(30,1222)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	11	0.23
(30,1222)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	11	0.23
(30,1222)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	11	0.23
(30,1202)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	15	0.23
(30,1202)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	15	0.23
(30,1202)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	15	0.23
(30,1202)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	15	0.23
(30,1202)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	15	0.23
(30,1202)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	15	0.23
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD11	7	0.23
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD12	7	0.23
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD13	7	0.23
(30,964)	1:14:A:VAL:HB	1:15:A:ALA:HB1	8	0.23
(30,964)	1:14:A:VAL:HB	1:15:A:ALA:HB2	8	0.23
(30,964)	1:14:A:VAL:HB	1:15:A:ALA:HB3	8	0.23
(30,964)	1:14:A:VAL:HB	1:15:A:ALA:HB1	14	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,964)	1:14:A:VAL:HB	1:15:A:ALA:HB2	14	0.23
(30,964)	1:14:A:VAL:HB	1:15:A:ALA:HB3	14	0.23
(30,918)	1:125:A:THR:HB	1:129:A:LYS:HG2	1	0.23
(30,918)	1:125:A:THR:HB	1:129:A:LYS:HG2	7	0.23
(30,913)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	18	0.23
(30,913)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	18	0.23
(30,913)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	18	0.23
(30,812)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.23
(30,812)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.23
(30,812)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.23
(30,811)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	13	0.23
(30,811)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	13	0.23
(30,811)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	13	0.23
(30,805)	1:98:A:ILE:HD11	1:100:A:ALA:H	9	0.23
(30,805)	1:98:A:ILE:HD12	1:100:A:ALA:H	9	0.23
(30,805)	1:98:A:ILE:HD13	1:100:A:ALA:H	9	0.23
(30,755)	1:37:A:LEU:H	1:40:A:LEU:HB3	9	0.23
(30,714)	1:9:A:PHE:HD1	1:54:A:ARG:HE	2	0.23
(30,714)	1:9:A:PHE:HD2	1:54:A:ARG:HE	2	0.23
(30,706)	1:23:A:LEU:HD11	1:27:A:ARG:HE	10	0.23
(30,706)	1:23:A:LEU:HD12	1:27:A:ARG:HE	10	0.23
(30,706)	1:23:A:LEU:HD13	1:27:A:ARG:HE	10	0.23
(30,601)	1:54:A:ARG:HB2	1:55:A:GLY:H	13	0.23
(30,515)	1:19:A:ALA:HB1	1:21:A:THR:H	11	0.23
(30,515)	1:19:A:ALA:HB2	1:21:A:THR:H	11	0.23
(30,515)	1:19:A:ALA:HB3	1:21:A:THR:H	11	0.23
(30,372)	1:132:A:ALA:H	1:133:A:ASN:HD22	18	0.23
(30,318)	1:136:A:CYS:HA	1:140:A:LEU:H	13	0.23
(30,296)	1:121:A:VAL:H	1:121:A:VAL:HB	11	0.23
(30,259)	1:27:A:ARG:HA	1:29:A:LYS:H	16	0.23
(30,124)	1:79:A:THR:HB	1:80:A:TYR:H	8	0.23
(30,84)	1:30:A:LEU:H	1:30:A:LEU:HB2	7	0.23
(30,84)	1:30:A:LEU:H	1:30:A:LEU:HB3	7	0.23
(30,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	10	0.23
(29,2424)	1:140:A:LEU:HD11	1:144:A:LEU:H	1	0.23
(29,2424)	1:140:A:LEU:HD12	1:144:A:LEU:H	1	0.23
(29,2424)	1:140:A:LEU:HD13	1:144:A:LEU:H	1	0.23
(29,2424)	1:140:A:LEU:HD21	1:144:A:LEU:H	1	0.23
(29,2424)	1:140:A:LEU:HD22	1:144:A:LEU:H	1	0.23
(29,2424)	1:140:A:LEU:HD23	1:144:A:LEU:H	1	0.23
(29,2390)	1:132:A:ALA:HA	1:133:A:ASN:HB2	7	0.23
(29,2390)	1:132:A:ALA:HA	1:133:A:ASN:HB3	7	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2241)	1:69:A:MET:HG2	1:109:A:PRO:HA	8	0.23
(29,2241)	1:69:A:MET:HG3	1:109:A:PRO:HA	8	0.23
(29,2168)	1:48:A:ARG:H	1:57:A:LEU:HD11	7	0.23
(29,2168)	1:48:A:ARG:H	1:57:A:LEU:HD12	7	0.23
(29,2168)	1:48:A:ARG:H	1:57:A:LEU:HD13	7	0.23
(29,2168)	1:48:A:ARG:H	1:57:A:LEU:HD21	7	0.23
(29,2168)	1:48:A:ARG:H	1:57:A:LEU:HD22	7	0.23
(29,2168)	1:48:A:ARG:H	1:57:A:LEU:HD23	7	0.23
(29,2138)	1:40:A:LEU:HD11	1:41:A:LYS:HA	18	0.23
(29,2138)	1:40:A:LEU:HD12	1:41:A:LYS:HA	18	0.23
(29,2138)	1:40:A:LEU:HD13	1:41:A:LYS:HA	18	0.23
(29,2138)	1:40:A:LEU:HD21	1:41:A:LYS:HA	18	0.23
(29,2138)	1:40:A:LEU:HD22	1:41:A:LYS:HA	18	0.23
(29,2138)	1:40:A:LEU:HD23	1:41:A:LYS:HA	18	0.23
(29,2073)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	2	0.23
(29,2073)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	2	0.23
(29,2073)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	2	0.23
(29,2073)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	2	0.23
(29,2073)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	2	0.23
(29,2073)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	2	0.23
(29,2073)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	2	0.23
(29,2073)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	2	0.23
(29,2073)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	2	0.23
(29,2073)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	2	0.23
(29,2073)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	2	0.23
(29,2073)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	2	0.23
(29,2013)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	1	0.23
(29,2013)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	1	0.23
(29,2013)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	1	0.23
(29,2013)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	1	0.23
(29,2013)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	1	0.23
(29,2013)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	1	0.23
(29,2013)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	1	0.23
(29,2013)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	1	0.23
(29,2013)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	1	0.23
(29,2013)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	1	0.23
(29,2013)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	1	0.23
(29,2013)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	1	0.23
(29,1990)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	1	0.23
(29,1990)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	1	0.23
(29,1990)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	1	0.23
(29,1990)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	1	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1990)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	1	0.23
(29,1990)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	1	0.23
(29,1990)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	1	0.23
(29,1990)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	1	0.23
(29,1990)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	1	0.23
(29,1990)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	1	0.23
(29,1990)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	1	0.23
(29,1990)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	1	0.23
(29,1990)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	1	0.23
(29,1990)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	1	0.23
(29,1990)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	1	0.23
(29,1990)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	1	0.23
(29,1990)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	1	0.23
(29,1990)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	1	0.23
(29,1948)	1:9:A:PHE:HD1	1:40:A:LEU:HD11	13	0.23
(29,1948)	1:9:A:PHE:HD1	1:40:A:LEU:HD12	13	0.23
(29,1948)	1:9:A:PHE:HD1	1:40:A:LEU:HD13	13	0.23
(29,1948)	1:9:A:PHE:HD1	1:40:A:LEU:HD21	13	0.23
(29,1948)	1:9:A:PHE:HD1	1:40:A:LEU:HD22	13	0.23
(29,1948)	1:9:A:PHE:HD1	1:40:A:LEU:HD23	13	0.23
(29,1948)	1:9:A:PHE:HD2	1:40:A:LEU:HD11	13	0.23
(29,1948)	1:9:A:PHE:HD2	1:40:A:LEU:HD12	13	0.23
(29,1948)	1:9:A:PHE:HD2	1:40:A:LEU:HD13	13	0.23
(29,1948)	1:9:A:PHE:HD2	1:40:A:LEU:HD21	13	0.23
(29,1948)	1:9:A:PHE:HD2	1:40:A:LEU:HD22	13	0.23
(29,1948)	1:9:A:PHE:HD2	1:40:A:LEU:HD23	13	0.23
(29,1924)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	11	0.23
(29,1924)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	11	0.23
(29,1924)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	11	0.23
(29,1924)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	11	0.23
(29,1924)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	11	0.23
(29,1924)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	11	0.23
(29,1871)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	9	0.23
(29,1871)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	9	0.23
(29,1860)	1:59:A:CYS:HA	1:62:A:HIS:HD2	8	0.23
(29,1816)	1:71:A:LYS:HE2	1:72:A:PHE:HD1	6	0.23
(29,1816)	1:71:A:LYS:HE2	1:72:A:PHE:HD2	6	0.23
(29,1816)	1:71:A:LYS:HE3	1:72:A:PHE:HD1	6	0.23
(29,1816)	1:71:A:LYS:HE3	1:72:A:PHE:HD2	6	0.23
(29,1734)	1:66:A:THR:HG1	1:69:A:MET:HG3	17	0.23
(29,1680)	1:69:A:MET:HE1	1:116:A:GLN:HG3	14	0.23
(29,1680)	1:69:A:MET:HE2	1:116:A:GLN:HG3	14	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1680)	1:69:A:MET:HE3	1:116:A:GLN:HG3	14	0.23
(29,1619)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	19	0.23
(29,1619)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	19	0.23
(29,1619)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	19	0.23
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	15	0.23
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	15	0.23
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	15	0.23
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	15	0.23
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	15	0.23
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	15	0.23
(29,1538)	1:110:A:MET:HE1	1:113:A:PHE:HA	7	0.23
(29,1538)	1:110:A:MET:HE2	1:113:A:PHE:HA	7	0.23
(29,1538)	1:110:A:MET:HE3	1:113:A:PHE:HA	7	0.23
(29,1519)	1:12:A:VAL:HA	1:43:A:MET:HE1	15	0.23
(29,1519)	1:12:A:VAL:HA	1:43:A:MET:HE2	15	0.23
(29,1519)	1:12:A:VAL:HA	1:43:A:MET:HE3	15	0.23
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE1	18	0.23
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE2	18	0.23
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE3	18	0.23
(29,1507)	1:114:A:ILE:HG21	1:117:A:VAL:HB	19	0.23
(29,1507)	1:114:A:ILE:HG22	1:117:A:VAL:HB	19	0.23
(29,1507)	1:114:A:ILE:HG23	1:117:A:VAL:HB	19	0.23
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	16	0.23
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	16	0.23
(29,1468)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	16	0.23
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	16	0.23
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	16	0.23
(29,1468)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	16	0.23
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	16	0.23
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	16	0.23
(29,1468)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	16	0.23
(29,1319)	1:66:A:THR:HG21	1:96:A:VAL:HG21	3	0.23
(29,1319)	1:66:A:THR:HG21	1:96:A:VAL:HG22	3	0.23
(29,1319)	1:66:A:THR:HG21	1:96:A:VAL:HG23	3	0.23
(29,1319)	1:66:A:THR:HG22	1:96:A:VAL:HG21	3	0.23
(29,1319)	1:66:A:THR:HG22	1:96:A:VAL:HG22	3	0.23
(29,1319)	1:66:A:THR:HG22	1:96:A:VAL:HG23	3	0.23
(29,1319)	1:66:A:THR:HG23	1:96:A:VAL:HG21	3	0.23
(29,1319)	1:66:A:THR:HG23	1:96:A:VAL:HG22	3	0.23
(29,1319)	1:66:A:THR:HG23	1:96:A:VAL:HG23	3	0.23
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD21	10	0.23
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD22	10	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD23	10	0.23
(29,1180)	1:140:A:LEU:HD21	1:144:A:LEU:H	13	0.23
(29,1180)	1:140:A:LEU:HD22	1:144:A:LEU:H	13	0.23
(29,1180)	1:140:A:LEU:HD23	1:144:A:LEU:H	13	0.23
(29,953)	1:67:A:PRO:HA	1:70:A:LYS:HB2	14	0.23
(29,953)	1:67:A:PRO:HA	1:70:A:LYS:HB3	14	0.23
(29,933)	1:125:A:THR:HB	1:129:A:LYS:HG2	1	0.23
(29,933)	1:125:A:THR:HB	1:129:A:LYS:HG2	7	0.23
(29,928)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	19	0.23
(29,928)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	19	0.23
(29,928)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	19	0.23
(29,886)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	18	0.23
(29,886)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	18	0.23
(29,886)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	18	0.23
(29,830)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.23
(29,830)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.23
(29,830)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.23
(29,829)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	2	0.23
(29,829)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	2	0.23
(29,829)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	2	0.23
(29,829)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	7	0.23
(29,829)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	7	0.23
(29,829)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	7	0.23
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD11	16	0.23
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD12	16	0.23
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD13	16	0.23
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	17	0.23
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	17	0.23
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	17	0.23
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	17	0.23
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	17	0.23
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	17	0.23
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	17	0.23
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	17	0.23
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	17	0.23
(29,771)	1:141:A:LYS:H	1:143:A:TRP:HB2	18	0.23
(29,704)	1:98:A:ILE:H	1:100:A:ALA:H	13	0.23
(29,659)	1:66:A:THR:H	1:116:A:GLN:HE22	6	0.23
(29,608)	1:54:A:ARG:HB2	1:55:A:GLY:H	13	0.23
(29,519)	1:19:A:ALA:HB1	1:21:A:THR:H	11	0.23
(29,519)	1:19:A:ALA:HB2	1:21:A:THR:H	11	0.23
(29,519)	1:19:A:ALA:HB3	1:21:A:THR:H	11	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,515)	1:105:A:LYS:H	1:106:A:ASP:HB3	8	0.23
(29,486)	1:147:A:ARG:HG2	1:148:A:CYS:H	7	0.23
(29,486)	1:147:A:ARG:HG3	1:148:A:CYS:H	7	0.23
(29,476)	1:48:A:ARG:HA	1:53:A:THR:H	14	0.23
(29,431)	1:39:A:VAL:HG21	1:143:A:TRP:H	4	0.23
(29,431)	1:39:A:VAL:HG22	1:143:A:TRP:H	4	0.23
(29,431)	1:39:A:VAL:HG23	1:143:A:TRP:H	4	0.23
(29,369)	1:132:A:ALA:H	1:133:A:ASN:HD22	18	0.23
(29,316)	1:136:A:CYS:HA	1:140:A:LEU:H	13	0.23
(29,312)	1:43:A:MET:H	1:140:A:LEU:HD11	3	0.23
(29,312)	1:43:A:MET:H	1:140:A:LEU:HD12	3	0.23
(29,312)	1:43:A:MET:H	1:140:A:LEU:HD13	3	0.23
(29,292)	1:120:A:CYS:H	1:121:A:VAL:H	10	0.23
(29,289)	1:50:A:ALA:HB1	1:52:A:CYS:H	12	0.23
(29,289)	1:50:A:ALA:HB2	1:52:A:CYS:H	12	0.23
(29,289)	1:50:A:ALA:HB3	1:52:A:CYS:H	12	0.23
(29,289)	1:50:A:ALA:HB1	1:52:A:CYS:H	14	0.23
(29,289)	1:50:A:ALA:HB2	1:52:A:CYS:H	14	0.23
(29,289)	1:50:A:ALA:HB3	1:52:A:CYS:H	14	0.23
(29,263)	1:27:A:ARG:HB3	1:29:A:LYS:H	2	0.23
(29,206)	1:101:A:ILE:H	1:104:A:PHE:HD1	8	0.23
(29,206)	1:101:A:ILE:H	1:104:A:PHE:HD2	8	0.23
(29,206)	1:101:A:ILE:H	1:104:A:PHE:HD1	14	0.23
(29,206)	1:101:A:ILE:H	1:104:A:PHE:HD2	14	0.23
(29,157)	1:138:A:ASP:H	1:140:A:LEU:HB2	7	0.23
(29,118)	1:80:A:TYR:H	1:81:A:GLU:HG2	16	0.23
(29,118)	1:80:A:TYR:H	1:81:A:GLU:HG3	16	0.23
(29,108)	1:69:A:MET:H	1:69:A:MET:HE1	10	0.23
(29,108)	1:69:A:MET:H	1:69:A:MET:HE2	10	0.23
(29,108)	1:69:A:MET:H	1:69:A:MET:HE3	10	0.23
(29,87)	1:30:A:LEU:H	1:30:A:LEU:HB2	7	0.23
(29,87)	1:30:A:LEU:H	1:30:A:LEU:HB3	7	0.23
(29,67)	1:81:A:GLU:H	1:81:A:GLU:HG2	15	0.23
(29,67)	1:81:A:GLU:H	1:81:A:GLU:HG3	15	0.23
(29,43)	1:45:A:ALA:HA	1:47:A:ALA:H	16	0.23
(29,17)	1:64:A:LYS:H	1:64:A:LYS:HD2	4	0.23
(29,17)	1:64:A:LYS:H	1:64:A:LYS:HD3	4	0.23
(29,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	10	0.23
(23,8)	1:61:A:SER:N	1:57:A:LEU:O	12	0.23
(23,8)	1:61:A:SER:N	1:57:A:LEU:O	15	0.23
(23,5)	1:58:A:ILE:N	1:54:A:ARG:O	3	0.23
(23,5)	1:58:A:ILE:N	1:54:A:ARG:O	12	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(23,2)	1:39:A:VAL:N	1:36:A:PRO:O	2	0.23
(22,28)	1:115:A:ALA:N	1:111:A:GLU:C	15	0.23
(22,22)	1:107:A:LEU:N	1:103:A:ARG:C	15	0.23
(22,18)	1:73:A:ILE:N	1:69:A:MET:C	2	0.23
(22,12)	1:59:A:CYS:N	1:55:A:GLY:C	9	0.23
(22,4)	1:39:A:VAL:N	1:36:A:PRO:C	9	0.23
(22,3)	1:39:A:VAL:H	1:36:A:PRO:C	2	0.23
(22,3)	1:39:A:VAL:H	1:36:A:PRO:C	11	0.23
(19,15)	1:52:A:CYS:SG	1:127:A:CYS:CB	16	0.23
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	14	0.23
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	14	0.23
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	14	0.23
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	14	0.23
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	14	0.23
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	14	0.23
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	14	0.23
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	14	0.23
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	14	0.23
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	14	0.23
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	14	0.23
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	14	0.23
(18,2225)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	17	0.23
(18,2225)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	17	0.23
(18,2225)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	17	0.23
(18,2225)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	17	0.23
(18,2225)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	17	0.23
(18,2225)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	17	0.23
(18,2225)	1:60:A:LEU:HD11	1:122:A:ASP:HB3	17	0.23
(18,2225)	1:60:A:LEU:HD12	1:122:A:ASP:HB3	17	0.23
(18,2225)	1:60:A:LEU:HD13	1:122:A:ASP:HB3	17	0.23
(18,2225)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	17	0.23
(18,2225)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	17	0.23
(18,2225)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	17	0.23
(18,2222)	1:60:A:LEU:HD11	1:120:A:CYS:HA	7	0.23
(18,2222)	1:60:A:LEU:HD12	1:120:A:CYS:HA	7	0.23
(18,2222)	1:60:A:LEU:HD13	1:120:A:CYS:HA	7	0.23
(18,2222)	1:60:A:LEU:HD21	1:120:A:CYS:HA	7	0.23
(18,2222)	1:60:A:LEU:HD22	1:120:A:CYS:HA	7	0.23
(18,2222)	1:60:A:LEU:HD23	1:120:A:CYS:HA	7	0.23
(18,2222)	1:60:A:LEU:HD11	1:120:A:CYS:HA	15	0.23
(18,2222)	1:60:A:LEU:HD12	1:120:A:CYS:HA	15	0.23
(18,2222)	1:60:A:LEU:HD13	1:120:A:CYS:HA	15	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2222)	1:60:A:LEU:HD21	1:120:A:CYS:HA	15	0.23
(18,2222)	1:60:A:LEU:HD22	1:120:A:CYS:HA	15	0.23
(18,2222)	1:60:A:LEU:HD23	1:120:A:CYS:HA	15	0.23
(18,2037)	1:23:A:LEU:HD11	1:24:A:ASP:H	10	0.23
(18,2037)	1:23:A:LEU:HD12	1:24:A:ASP:H	10	0.23
(18,2037)	1:23:A:LEU:HD13	1:24:A:ASP:H	10	0.23
(18,2037)	1:23:A:LEU:HD21	1:24:A:ASP:H	10	0.23
(18,2037)	1:23:A:LEU:HD22	1:24:A:ASP:H	10	0.23
(18,2037)	1:23:A:LEU:HD23	1:24:A:ASP:H	10	0.23
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD11	5	0.23
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD12	5	0.23
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD13	5	0.23
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD21	5	0.23
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD22	5	0.23
(18,2013)	1:18:A:PHE:HB2	1:128:A:LEU:HD23	5	0.23
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD11	5	0.23
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD12	5	0.23
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD13	5	0.23
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD21	5	0.23
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD22	5	0.23
(18,2013)	1:18:A:PHE:HB3	1:128:A:LEU:HD23	5	0.23
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	16	0.23
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	16	0.23
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	16	0.23
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	16	0.23
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	16	0.23
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	16	0.23
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	16	0.23
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	16	0.23
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	16	0.23
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	16	0.23
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	16	0.23
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	16	0.23
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	16	0.23
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	16	0.23
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	16	0.23
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	16	0.23
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	16	0.23
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	16	0.23
(18,1923)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	13	0.23
(18,1923)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	13	0.23
(18,1923)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	13	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1923)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	13	0.23
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD11	14	0.23
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD12	14	0.23
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD13	14	0.23
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD21	14	0.23
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD22	14	0.23
(18,1916)	1:9:A:PHE:H	1:40:A:LEU:HD23	14	0.23
(18,1897)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	11	0.23
(18,1897)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	11	0.23
(18,1897)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	11	0.23
(18,1897)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	11	0.23
(18,1897)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	11	0.23
(18,1897)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	11	0.23
(18,1812)	1:9:A:PHE:HZ	1:54:A:ARG:HA	12	0.23
(18,1749)	1:97:A:ASP:HA	1:105:A:LYS:HA	11	0.23
(18,1717)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.23
(18,1717)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.23
(18,1717)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.23
(18,1703)	1:14:A:VAL:H	1:79:A:THR:HG21	18	0.23
(18,1703)	1:14:A:VAL:H	1:79:A:THR:HG22	18	0.23
(18,1703)	1:14:A:VAL:H	1:79:A:THR:HG23	18	0.23
(18,1700)	1:66:A:THR:HG1	1:69:A:MET:HG3	17	0.23
(18,1672)	1:72:A:PHE:HB2	1:109:A:PRO:HA	11	0.23
(18,1659)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	1	0.23
(18,1659)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	1	0.23
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	13	0.23
(18,1652)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	13	0.23
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	13	0.23
(18,1652)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	13	0.23
(18,1606)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	9	0.23
(18,1606)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	9	0.23
(18,1606)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	9	0.23
(18,1606)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	9	0.23
(18,1606)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	9	0.23
(18,1606)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	9	0.23
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	15	0.23
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	15	0.23
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	15	0.23
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	15	0.23
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	15	0.23
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	15	0.23
(18,1528)	1:110:A:MET:HE1	1:114:A:ILE:HG12	1	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1528)	1:110:A:MET:HE2	1:114:A:ILE:HG12	1	0.23
(18,1528)	1:110:A:MET:HE3	1:114:A:ILE:HG12	1	0.23
(18,1527)	1:76:A:ARG:HE	1:110:A:MET:HE1	7	0.23
(18,1527)	1:76:A:ARG:HE	1:110:A:MET:HE2	7	0.23
(18,1527)	1:76:A:ARG:HE	1:110:A:MET:HE3	7	0.23
(18,1497)	1:12:A:VAL:HA	1:43:A:MET:HE1	15	0.23
(18,1497)	1:12:A:VAL:HA	1:43:A:MET:HE2	15	0.23
(18,1497)	1:12:A:VAL:HA	1:43:A:MET:HE3	15	0.23
(18,1475)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	10	0.23
(18,1475)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	10	0.23
(18,1475)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	10	0.23
(18,1475)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	10	0.23
(18,1475)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	10	0.23
(18,1475)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	10	0.23
(18,1464)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	11	0.23
(18,1464)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	11	0.23
(18,1464)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	11	0.23
(18,1464)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	11	0.23
(18,1464)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	11	0.23
(18,1464)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	11	0.23
(18,1464)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	14	0.23
(18,1464)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	14	0.23
(18,1464)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	14	0.23
(18,1464)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	14	0.23
(18,1464)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	14	0.23
(18,1464)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	14	0.23
(18,1407)	1:101:A:ILE:HG21	1:102:A:PRO:HD3	8	0.23
(18,1407)	1:101:A:ILE:HG22	1:102:A:PRO:HD3	8	0.23
(18,1407)	1:101:A:ILE:HG23	1:102:A:PRO:HD3	8	0.23
(18,1389)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	12	0.23
(18,1389)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	12	0.23
(18,1389)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	12	0.23
(18,1389)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	12	0.23
(18,1389)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	12	0.23
(18,1389)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	12	0.23
(18,1333)	1:103:A:ARG:HG2	1:106:A:ASP:HA	3	0.23
(18,1333)	1:103:A:ARG:HG3	1:106:A:ASP:HA	3	0.23
(18,1303)	1:66:A:THR:HG21	1:96:A:VAL:HG21	3	0.23
(18,1303)	1:66:A:THR:HG21	1:96:A:VAL:HG22	3	0.23
(18,1303)	1:66:A:THR:HG21	1:96:A:VAL:HG23	3	0.23
(18,1303)	1:66:A:THR:HG22	1:96:A:VAL:HG21	3	0.23
(18,1303)	1:66:A:THR:HG22	1:96:A:VAL:HG22	3	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1303)	1:66:A:THR:HG22	1:96:A:VAL:HG23	3	0.23
(18,1303)	1:66:A:THR:HG23	1:96:A:VAL:HG21	3	0.23
(18,1303)	1:66:A:THR:HG23	1:96:A:VAL:HG22	3	0.23
(18,1303)	1:66:A:THR:HG23	1:96:A:VAL:HG23	3	0.23
(18,1256)	1:12:A:VAL:HG21	1:15:A:ALA:HB1	17	0.23
(18,1256)	1:12:A:VAL:HG21	1:15:A:ALA:HB2	17	0.23
(18,1256)	1:12:A:VAL:HG21	1:15:A:ALA:HB3	17	0.23
(18,1256)	1:12:A:VAL:HG22	1:15:A:ALA:HB1	17	0.23
(18,1256)	1:12:A:VAL:HG22	1:15:A:ALA:HB2	17	0.23
(18,1256)	1:12:A:VAL:HG22	1:15:A:ALA:HB3	17	0.23
(18,1256)	1:12:A:VAL:HG23	1:15:A:ALA:HB1	17	0.23
(18,1256)	1:12:A:VAL:HG23	1:15:A:ALA:HB2	17	0.23
(18,1256)	1:12:A:VAL:HG23	1:15:A:ALA:HB3	17	0.23
(18,1230)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	10	0.23
(18,1230)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	10	0.23
(18,1230)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	10	0.23
(18,1155)	1:116:A:GLN:HA	1:119:A:LEU:HG	1	0.23
(18,1103)	1:70:A:LYS:HA	1:70:A:LYS:HE2	9	0.23
(18,1103)	1:70:A:LYS:HA	1:70:A:LYS:HE3	9	0.23
(18,955)	1:67:A:PRO:HA	1:70:A:LYS:HB2	14	0.23
(18,955)	1:67:A:PRO:HA	1:70:A:LYS:HB3	14	0.23
(18,868)	1:37:A:LEU:HB3	1:40:A:LEU:H	5	0.23
(18,842)	1:69:A:MET:HE1	1:114:A:ILE:HD11	5	0.23
(18,842)	1:69:A:MET:HE1	1:114:A:ILE:HD12	5	0.23
(18,842)	1:69:A:MET:HE1	1:114:A:ILE:HD13	5	0.23
(18,842)	1:69:A:MET:HE2	1:114:A:ILE:HD11	5	0.23
(18,842)	1:69:A:MET:HE2	1:114:A:ILE:HD12	5	0.23
(18,842)	1:69:A:MET:HE2	1:114:A:ILE:HD13	5	0.23
(18,842)	1:69:A:MET:HE3	1:114:A:ILE:HD11	5	0.23
(18,842)	1:69:A:MET:HE3	1:114:A:ILE:HD12	5	0.23
(18,842)	1:69:A:MET:HE3	1:114:A:ILE:HD13	5	0.23
(18,827)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.23
(18,827)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.23
(18,827)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.23
(18,821)	1:98:A:ILE:HD11	1:100:A:ALA:H	9	0.23
(18,821)	1:98:A:ILE:HD12	1:100:A:ALA:H	9	0.23
(18,821)	1:98:A:ILE:HD13	1:100:A:ALA:H	9	0.23
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	17	0.23
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	17	0.23
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	17	0.23
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	17	0.23
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	17	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	17	0.23
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	17	0.23
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	17	0.23
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	17	0.23
(18,785)	1:73:A:ILE:HD11	1:113:A:PHE:HA	8	0.23
(18,785)	1:73:A:ILE:HD12	1:113:A:PHE:HA	8	0.23
(18,785)	1:73:A:ILE:HD13	1:113:A:PHE:HA	8	0.23
(18,784)	1:73:A:ILE:HD11	1:113:A:PHE:HD1	8	0.23
(18,784)	1:73:A:ILE:HD11	1:113:A:PHE:HD2	8	0.23
(18,784)	1:73:A:ILE:HD12	1:113:A:PHE:HD1	8	0.23
(18,784)	1:73:A:ILE:HD12	1:113:A:PHE:HD2	8	0.23
(18,784)	1:73:A:ILE:HD13	1:113:A:PHE:HD1	8	0.23
(18,784)	1:73:A:ILE:HD13	1:113:A:PHE:HD2	8	0.23
(18,783)	1:101:A:ILE:HD11	1:104:A:PHE:H	12	0.23
(18,783)	1:101:A:ILE:HD12	1:104:A:PHE:H	12	0.23
(18,783)	1:101:A:ILE:HD13	1:104:A:PHE:H	12	0.23
(18,783)	1:101:A:ILE:HD11	1:104:A:PHE:H	18	0.23
(18,783)	1:101:A:ILE:HD12	1:104:A:PHE:H	18	0.23
(18,783)	1:101:A:ILE:HD13	1:104:A:PHE:H	18	0.23
(18,772)	1:141:A:LYS:H	1:143:A:TRP:HB2	18	0.23
(18,767)	1:147:A:ARG:HA	1:147:A:ARG:HE	14	0.23
(18,529)	1:67:A:PRO:HB2	1:71:A:LYS:H	13	0.23
(18,529)	1:67:A:PRO:HB3	1:71:A:LYS:H	13	0.23
(18,378)	1:132:A:ALA:H	1:133:A:ASN:HD22	18	0.23
(18,355)	1:122:A:ASP:HB3	1:123:A:CYS:H	5	0.23
(18,327)	1:136:A:CYS:HA	1:140:A:LEU:H	13	0.23
(18,305)	1:43:A:MET:H	1:43:A:MET:HG3	6	0.23
(18,304)	1:121:A:VAL:H	1:121:A:VAL:HB	11	0.23
(18,299)	1:120:A:CYS:H	1:121:A:VAL:H	10	0.23
(18,285)	1:113:A:PHE:H	1:114:A:ILE:HB	6	0.23
(18,207)	1:101:A:ILE:H	1:104:A:PHE:HD1	8	0.23
(18,207)	1:101:A:ILE:H	1:104:A:PHE:HD2	8	0.23
(18,207)	1:101:A:ILE:H	1:104:A:PHE:HD1	14	0.23
(18,207)	1:101:A:ILE:H	1:104:A:PHE:HD2	14	0.23
(18,181)	1:8:A:ASP:H	1:58:A:ILE:HD11	6	0.23
(18,181)	1:8:A:ASP:H	1:58:A:ILE:HD12	6	0.23
(18,181)	1:8:A:ASP:H	1:58:A:ILE:HD13	6	0.23
(18,166)	1:95:A:ILE:H	1:95:A:ILE:HB	16	0.23
(18,153)	1:67:A:PRO:HD3	1:95:A:ILE:H	2	0.23
(18,45)	1:98:A:ILE:H	1:105:A:LYS:HA	7	0.23
(18,15)	1:64:A:LYS:H	1:64:A:LYS:HD2	4	0.23
(18,15)	1:64:A:LYS:H	1:64:A:LYS:HD3	4	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2381)	1:117:A:VAL:HG11	1:120:A:CYS:HB2	6	0.23
(17,2381)	1:117:A:VAL:HG12	1:120:A:CYS:HB2	6	0.23
(17,2381)	1:117:A:VAL:HG13	1:120:A:CYS:HB2	6	0.23
(17,2381)	1:117:A:VAL:HG21	1:120:A:CYS:HB2	6	0.23
(17,2381)	1:117:A:VAL:HG22	1:120:A:CYS:HB2	6	0.23
(17,2381)	1:117:A:VAL:HG23	1:120:A:CYS:HB2	6	0.23
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	1	0.23
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	1	0.23
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	1	0.23
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	1	0.23
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	1	0.23
(17,2193)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	1	0.23
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	1	0.23
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	1	0.23
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	1	0.23
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	1	0.23
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	1	0.23
(17,2193)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	1	0.23
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	1	0.23
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	1	0.23
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	1	0.23
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	1	0.23
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	1	0.23
(17,2193)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	1	0.23
(17,2189)	1:48:A:ARG:H	1:57:A:LEU:HD11	7	0.23
(17,2189)	1:48:A:ARG:H	1:57:A:LEU:HD12	7	0.23
(17,2189)	1:48:A:ARG:H	1:57:A:LEU:HD13	7	0.23
(17,2189)	1:48:A:ARG:H	1:57:A:LEU:HD21	7	0.23
(17,2189)	1:48:A:ARG:H	1:57:A:LEU:HD22	7	0.23
(17,2189)	1:48:A:ARG:H	1:57:A:LEU:HD23	7	0.23
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD11	13	0.23
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD12	13	0.23
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD13	13	0.23
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD21	13	0.23
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD22	13	0.23
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD23	13	0.23
(17,2076)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	7	0.23
(17,2076)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	7	0.23
(17,2076)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	7	0.23
(17,2076)	1:31:A:PRO:HD2	1:144:A:LEU:HD21	7	0.23
(17,2076)	1:31:A:PRO:HD2	1:144:A:LEU:HD22	7	0.23
(17,2076)	1:31:A:PRO:HD2	1:144:A:LEU:HD23	7	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2076)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	7	0.23
(17,2076)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	7	0.23
(17,2076)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	7	0.23
(17,2076)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	7	0.23
(17,2076)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	7	0.23
(17,2076)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	7	0.23
(17,1867)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	9	0.23
(17,1867)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	9	0.23
(17,1855)	1:61:A:SER:H	1:62:A:HIS:HD2	10	0.23
(17,1787)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	2	0.23
(17,1787)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	2	0.23
(17,1781)	1:97:A:ASP:HA	1:105:A:LYS:HA	11	0.23
(17,1742)	1:68:A:LYS:HA	1:71:A:LYS:HB2	5	0.23
(17,1730)	1:66:A:THR:HG1	1:69:A:MET:HG3	17	0.23
(17,1689)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	1	0.23
(17,1689)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	1	0.23
(17,1582)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	9	0.23
(17,1582)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	9	0.23
(17,1582)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	9	0.23
(17,1582)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	9	0.23
(17,1582)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	9	0.23
(17,1582)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	9	0.23
(17,1582)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	9	0.23
(17,1582)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	9	0.23
(17,1582)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	9	0.23
(17,1561)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	7	0.23
(17,1561)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	7	0.23
(17,1561)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	7	0.23
(17,1561)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	7	0.23
(17,1561)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	7	0.23
(17,1561)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	7	0.23
(17,1529)	1:12:A:VAL:HA	1:43:A:MET:HE1	15	0.23
(17,1529)	1:12:A:VAL:HA	1:43:A:MET:HE2	15	0.23
(17,1529)	1:12:A:VAL:HA	1:43:A:MET:HE3	15	0.23
(17,1509)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	10	0.23
(17,1509)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	10	0.23
(17,1509)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	10	0.23
(17,1509)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	10	0.23
(17,1509)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	10	0.23
(17,1509)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	10	0.23
(17,1317)	1:66:A:THR:HG21	1:96:A:VAL:HG21	3	0.23
(17,1317)	1:66:A:THR:HG21	1:96:A:VAL:HG22	3	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1317)	1:66:A:THR:HG21	1:96:A:VAL:HG23	3	0.23
(17,1317)	1:66:A:THR:HG22	1:96:A:VAL:HG21	3	0.23
(17,1317)	1:66:A:THR:HG22	1:96:A:VAL:HG22	3	0.23
(17,1317)	1:66:A:THR:HG22	1:96:A:VAL:HG23	3	0.23
(17,1317)	1:66:A:THR:HG23	1:96:A:VAL:HG21	3	0.23
(17,1317)	1:66:A:THR:HG23	1:96:A:VAL:HG22	3	0.23
(17,1317)	1:66:A:THR:HG23	1:96:A:VAL:HG23	3	0.23
(17,1090)	1:38:A:GLU:HA	1:139:A:LEU:HD11	2	0.23
(17,1090)	1:38:A:GLU:HA	1:139:A:LEU:HD12	2	0.23
(17,1090)	1:38:A:GLU:HA	1:139:A:LEU:HD13	2	0.23
(17,1045)	1:11:A:ILE:HB	1:44:A:GLU:HB2	3	0.23
(17,1045)	1:11:A:ILE:HB	1:44:A:GLU:HB3	3	0.23
(17,1032)	1:8:A:ASP:H	1:58:A:ILE:HG13	2	0.23
(17,929)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	7	0.23
(17,929)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	7	0.23
(17,929)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	7	0.23
(17,929)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	7	0.23
(17,922)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	10	0.23
(17,922)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	10	0.23
(17,922)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	10	0.23
(17,903)	1:21:A:THR:HB	1:23:A:LEU:H	10	0.23
(17,825)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.23
(17,825)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.23
(17,825)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.23
(17,824)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	2	0.23
(17,824)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	2	0.23
(17,824)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	2	0.23
(17,824)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	7	0.23
(17,824)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	7	0.23
(17,824)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	7	0.23
(17,818)	1:98:A:ILE:HD11	1:100:A:ALA:H	9	0.23
(17,818)	1:98:A:ILE:HD12	1:100:A:ALA:H	9	0.23
(17,818)	1:98:A:ILE:HD13	1:100:A:ALA:H	9	0.23
(17,803)	1:63:A:ILE:HD11	1:117:A:VAL:HB	12	0.23
(17,803)	1:63:A:ILE:HD12	1:117:A:VAL:HB	12	0.23
(17,803)	1:63:A:ILE:HD13	1:117:A:VAL:HB	12	0.23
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	17	0.23
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	17	0.23
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	17	0.23
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	17	0.23
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	17	0.23
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	17	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	17	0.23
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	17	0.23
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	17	0.23
(17,628)	1:57:A:LEU:H	1:58:A:ILE:HD11	4	0.23
(17,628)	1:57:A:LEU:H	1:58:A:ILE:HD12	4	0.23
(17,628)	1:57:A:LEU:H	1:58:A:ILE:HD13	4	0.23
(17,601)	1:55:A:GLY:H	1:58:A:ILE:HD11	12	0.23
(17,601)	1:55:A:GLY:H	1:58:A:ILE:HD12	12	0.23
(17,601)	1:55:A:GLY:H	1:58:A:ILE:HD13	12	0.23
(17,510)	1:19:A:ALA:HB1	1:21:A:THR:H	11	0.23
(17,510)	1:19:A:ALA:HB2	1:21:A:THR:H	11	0.23
(17,510)	1:19:A:ALA:HB3	1:21:A:THR:H	11	0.23
(17,476)	1:147:A:ARG:HG2	1:148:A:CYS:H	7	0.23
(17,476)	1:147:A:ARG:HG3	1:148:A:CYS:H	7	0.23
(17,436)	1:68:A:LYS:H	1:70:A:LYS:HG2	2	0.23
(17,315)	1:136:A:CYS:HA	1:140:A:LEU:H	13	0.23
(17,293)	1:121:A:VAL:H	1:121:A:VAL:HB	11	0.23
(17,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	12	0.23
(17,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	12	0.23
(17,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	12	0.23
(17,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	14	0.23
(17,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	14	0.23
(17,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	14	0.23
(17,254)	1:27:A:ARG:HA	1:29:A:LYS:H	16	0.23
(17,114)	1:80:A:TYR:H	1:81:A:GLU:HG2	16	0.23
(17,114)	1:80:A:TYR:H	1:81:A:GLU:HG3	16	0.23
(17,64)	1:81:A:GLU:H	1:81:A:GLU:HG2	15	0.23
(17,64)	1:81:A:GLU:H	1:81:A:GLU:HG3	15	0.23
(17,60)	1:34:A:LYS:H	1:81:A:GLU:H	9	0.23
(17,42)	1:98:A:ILE:H	1:105:A:LYS:HA	7	0.23
(17,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	16	0.23
(16,2495)	1:151:A:PHE:H	1:151:A:PHE:HB2	9	0.23
(16,2495)	1:151:A:PHE:H	1:151:A:PHE:HB3	9	0.23
(16,2495)	1:151:A:PHE:H	1:151:A:PHE:HB2	18	0.23
(16,2495)	1:151:A:PHE:H	1:151:A:PHE:HB3	18	0.23
(16,2353)	1:113:A:PHE:HD1	1:116:A:GLN:HG2	10	0.23
(16,2353)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	10	0.23
(16,2353)	1:113:A:PHE:HD2	1:116:A:GLN:HG2	10	0.23
(16,2353)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	10	0.23
(16,2236)	1:69:A:MET:H	1:69:A:MET:HG2	1	0.23
(16,2236)	1:69:A:MET:H	1:69:A:MET:HG3	1	0.23
(16,2202)	1:60:A:LEU:HD11	1:120:A:CYS:HA	7	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2202)	1:60:A:LEU:HD12	1:120:A:CYS:HA	7	0.23
(16,2202)	1:60:A:LEU:HD13	1:120:A:CYS:HA	7	0.23
(16,2202)	1:60:A:LEU:HD21	1:120:A:CYS:HA	7	0.23
(16,2202)	1:60:A:LEU:HD22	1:120:A:CYS:HA	7	0.23
(16,2202)	1:60:A:LEU:HD23	1:120:A:CYS:HA	7	0.23
(16,2202)	1:60:A:LEU:HD11	1:120:A:CYS:HA	15	0.23
(16,2202)	1:60:A:LEU:HD12	1:120:A:CYS:HA	15	0.23
(16,2202)	1:60:A:LEU:HD13	1:120:A:CYS:HA	15	0.23
(16,2202)	1:60:A:LEU:HD21	1:120:A:CYS:HA	15	0.23
(16,2202)	1:60:A:LEU:HD22	1:120:A:CYS:HA	15	0.23
(16,2202)	1:60:A:LEU:HD23	1:120:A:CYS:HA	15	0.23
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD11	8	0.23
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD12	8	0.23
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD13	8	0.23
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD21	8	0.23
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD22	8	0.23
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD23	8	0.23
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD11	11	0.23
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD12	11	0.23
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD13	11	0.23
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD21	11	0.23
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD22	11	0.23
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD23	11	0.23
(16,2124)	1:39:A:VAL:HG11	1:43:A:MET:HG3	4	0.23
(16,2124)	1:39:A:VAL:HG12	1:43:A:MET:HG3	4	0.23
(16,2124)	1:39:A:VAL:HG13	1:43:A:MET:HG3	4	0.23
(16,2124)	1:39:A:VAL:HG21	1:43:A:MET:HG3	4	0.23
(16,2124)	1:39:A:VAL:HG22	1:43:A:MET:HG3	4	0.23
(16,2124)	1:39:A:VAL:HG23	1:43:A:MET:HG3	4	0.23
(16,2037)	1:23:A:LEU:HD11	1:25:A:ALA:H	11	0.23
(16,2037)	1:23:A:LEU:HD12	1:25:A:ALA:H	11	0.23
(16,2037)	1:23:A:LEU:HD13	1:25:A:ALA:H	11	0.23
(16,2037)	1:23:A:LEU:HD21	1:25:A:ALA:H	11	0.23
(16,2037)	1:23:A:LEU:HD22	1:25:A:ALA:H	11	0.23
(16,2037)	1:23:A:LEU:HD23	1:25:A:ALA:H	11	0.23
(16,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	18	0.23
(16,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	18	0.23
(16,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	18	0.23
(16,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	18	0.23
(16,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	18	0.23
(16,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	18	0.23
(16,1998)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	16	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1998)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	16	0.23
(16,1998)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	16	0.23
(16,1998)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	16	0.23
(16,1998)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	16	0.23
(16,1998)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	16	0.23
(16,1891)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	6	0.23
(16,1891)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	6	0.23
(16,1891)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	6	0.23
(16,1891)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	6	0.23
(16,1891)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	6	0.23
(16,1891)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	6	0.23
(16,1871)	1:104:A:PHE:HE1	1:113:A:PHE:HA	7	0.23
(16,1871)	1:104:A:PHE:HE2	1:113:A:PHE:HA	7	0.23
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	18	0.23
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	18	0.23
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	18	0.23
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	18	0.23
(16,1762)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	3	0.23
(16,1762)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	3	0.23
(16,1762)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	3	0.23
(16,1758)	1:95:A:ILE:HG21	1:97:A:ASP:HA	15	0.23
(16,1758)	1:95:A:ILE:HG22	1:97:A:ASP:HA	15	0.23
(16,1758)	1:95:A:ILE:HG23	1:97:A:ASP:HA	15	0.23
(16,1723)	1:68:A:LYS:HA	1:71:A:LYS:HB2	5	0.23
(16,1711)	1:14:A:VAL:H	1:79:A:THR:HG21	10	0.23
(16,1711)	1:14:A:VAL:H	1:79:A:THR:HG22	10	0.23
(16,1711)	1:14:A:VAL:H	1:79:A:THR:HG23	10	0.23
(16,1634)	1:134:A:VAL:HG21	1:137:A:SER:H	2	0.23
(16,1634)	1:134:A:VAL:HG22	1:137:A:SER:H	2	0.23
(16,1634)	1:134:A:VAL:HG23	1:137:A:SER:H	2	0.23
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG21	5	0.23
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG22	5	0.23
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG23	5	0.23
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG21	10	0.23
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG22	10	0.23
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG23	10	0.23
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG21	18	0.23
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG22	18	0.23
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG23	18	0.23
(16,1536)	1:76:A:ARG:HE	1:110:A:MET:HE1	7	0.23
(16,1536)	1:76:A:ARG:HE	1:110:A:MET:HE2	7	0.23
(16,1536)	1:76:A:ARG:HE	1:110:A:MET:HE3	7	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1507)	1:12:A:VAL:HA	1:43:A:MET:HE1	15	0.23
(16,1507)	1:12:A:VAL:HA	1:43:A:MET:HE2	15	0.23
(16,1507)	1:12:A:VAL:HA	1:43:A:MET:HE3	15	0.23
(16,1487)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	10	0.23
(16,1487)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	10	0.23
(16,1487)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	10	0.23
(16,1487)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	10	0.23
(16,1487)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	10	0.23
(16,1487)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	10	0.23
(16,1466)	1:45:A:ALA:HB1	1:47:A:ALA:H	16	0.23
(16,1466)	1:45:A:ALA:HB2	1:47:A:ALA:H	16	0.23
(16,1466)	1:45:A:ALA:HB3	1:47:A:ALA:H	16	0.23
(16,1459)	1:13:A:ALA:HB1	1:79:A:THR:HB	16	0.23
(16,1459)	1:13:A:ALA:HB2	1:79:A:THR:HB	16	0.23
(16,1459)	1:13:A:ALA:HB3	1:79:A:THR:HB	16	0.23
(16,1401)	1:11:A:ILE:HG21	1:43:A:MET:HG3	13	0.23
(16,1401)	1:11:A:ILE:HG22	1:43:A:MET:HG3	13	0.23
(16,1401)	1:11:A:ILE:HG23	1:43:A:MET:HG3	13	0.23
(16,1344)	1:103:A:ARG:HG2	1:106:A:ASP:HA	3	0.23
(16,1344)	1:103:A:ARG:HG3	1:106:A:ASP:HA	3	0.23
(16,1313)	1:66:A:THR:HG21	1:96:A:VAL:HG21	3	0.23
(16,1313)	1:66:A:THR:HG21	1:96:A:VAL:HG22	3	0.23
(16,1313)	1:66:A:THR:HG21	1:96:A:VAL:HG23	3	0.23
(16,1313)	1:66:A:THR:HG22	1:96:A:VAL:HG21	3	0.23
(16,1313)	1:66:A:THR:HG22	1:96:A:VAL:HG22	3	0.23
(16,1313)	1:66:A:THR:HG22	1:96:A:VAL:HG23	3	0.23
(16,1313)	1:66:A:THR:HG23	1:96:A:VAL:HG21	3	0.23
(16,1313)	1:66:A:THR:HG23	1:96:A:VAL:HG22	3	0.23
(16,1313)	1:66:A:THR:HG23	1:96:A:VAL:HG23	3	0.23
(16,1196)	1:40:A:LEU:H	1:40:A:LEU:HD21	18	0.23
(16,1196)	1:40:A:LEU:H	1:40:A:LEU:HD22	18	0.23
(16,1196)	1:40:A:LEU:H	1:40:A:LEU:HD23	18	0.23
(16,1098)	1:45:A:ALA:HA	1:48:A:ARG:HG2	7	0.23
(16,1098)	1:45:A:ALA:HA	1:48:A:ARG:HG3	7	0.23
(16,1008)	1:105:A:LYS:HD2	1:107:A:LEU:H	9	0.23
(16,1008)	1:105:A:LYS:HD3	1:107:A:LEU:H	9	0.23
(16,968)	1:39:A:VAL:HA	1:43:A:MET:HG2	10	0.23
(16,912)	1:54:A:ARG:HA	1:58:A:ILE:HB	7	0.23
(16,824)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.23
(16,824)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.23
(16,824)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.23
(16,823)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	13	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,823)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	13	0.23
(16,823)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	13	0.23
(16,817)	1:98:A:ILE:HD11	1:100:A:ALA:H	9	0.23
(16,817)	1:98:A:ILE:HD12	1:100:A:ALA:H	9	0.23
(16,817)	1:98:A:ILE:HD13	1:100:A:ALA:H	9	0.23
(16,793)	1:63:A:ILE:HD11	1:64:A:LYS:H	18	0.23
(16,793)	1:63:A:ILE:HD12	1:64:A:LYS:H	18	0.23
(16,793)	1:63:A:ILE:HD13	1:64:A:LYS:H	18	0.23
(16,736)	1:50:A:ALA:H	1:130:A:GLY:HA3	7	0.23
(16,659)	1:66:A:THR:H	1:116:A:GLN:HE22	6	0.23
(16,633)	1:57:A:LEU:H	1:58:A:ILE:HD11	4	0.23
(16,633)	1:57:A:LEU:H	1:58:A:ILE:HD12	4	0.23
(16,633)	1:57:A:LEU:H	1:58:A:ILE:HD13	4	0.23
(16,608)	1:54:A:ARG:HB2	1:55:A:GLY:H	13	0.23
(16,519)	1:19:A:ALA:HB1	1:21:A:THR:H	11	0.23
(16,519)	1:19:A:ALA:HB2	1:21:A:THR:H	11	0.23
(16,519)	1:19:A:ALA:HB3	1:21:A:THR:H	11	0.23
(16,475)	1:48:A:ARG:HA	1:53:A:THR:H	14	0.23
(16,445)	1:68:A:LYS:H	1:70:A:LYS:HG2	2	0.23
(16,366)	1:23:A:LEU:HB2	1:26:A:ASP:H	12	0.23
(16,366)	1:23:A:LEU:HB3	1:26:A:ASP:H	12	0.23
(16,303)	1:43:A:MET:H	1:43:A:MET:HG2	1	0.23
(16,301)	1:121:A:VAL:H	1:121:A:VAL:HB	11	0.23
(16,297)	1:120:A:CYS:H	1:121:A:VAL:H	10	0.23
(16,294)	1:50:A:ALA:HB1	1:52:A:CYS:H	12	0.23
(16,294)	1:50:A:ALA:HB2	1:52:A:CYS:H	12	0.23
(16,294)	1:50:A:ALA:HB3	1:52:A:CYS:H	12	0.23
(16,294)	1:50:A:ALA:HB1	1:52:A:CYS:H	14	0.23
(16,294)	1:50:A:ALA:HB2	1:52:A:CYS:H	14	0.23
(16,294)	1:50:A:ALA:HB3	1:52:A:CYS:H	14	0.23
(16,222)	1:44:A:GLU:HB2	1:48:A:ARG:H	8	0.23
(16,222)	1:44:A:GLU:HB3	1:48:A:ARG:H	8	0.23
(16,221)	1:108:A:GLU:H	1:111:A:GLU:HG3	2	0.23
(16,81)	1:30:A:LEU:H	1:30:A:LEU:HB2	7	0.23
(16,81)	1:30:A:LEU:H	1:30:A:LEU:HB3	7	0.23
(16,63)	1:81:A:GLU:H	1:81:A:GLU:HG2	15	0.23
(16,63)	1:81:A:GLU:H	1:81:A:GLU:HG3	15	0.23
(16,31)	1:96:A:VAL:H	1:96:A:VAL:HA	6	0.23
(15,2353)	1:113:A:PHE:HE1	1:114:A:ILE:HG12	11	0.23
(15,2353)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	11	0.23
(15,2353)	1:113:A:PHE:HE2	1:114:A:ILE:HG12	11	0.23
(15,2353)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	11	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2332)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	8	0.23
(15,2332)	1:108:A:GLU:HB2	1:111:A:GLU:HG3	8	0.23
(15,2332)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	8	0.23
(15,2332)	1:108:A:GLU:HB3	1:111:A:GLU:HG3	8	0.23
(15,2332)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	11	0.23
(15,2332)	1:108:A:GLU:HB2	1:111:A:GLU:HG3	11	0.23
(15,2332)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	11	0.23
(15,2332)	1:108:A:GLU:HB3	1:111:A:GLU:HG3	11	0.23
(15,2225)	1:69:A:MET:H	1:69:A:MET:HG2	1	0.23
(15,2225)	1:69:A:MET:H	1:69:A:MET:HG3	1	0.23
(15,2196)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	12	0.23
(15,2196)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	12	0.23
(15,2196)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	12	0.23
(15,2196)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	12	0.23
(15,2196)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	12	0.23
(15,2196)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	12	0.23
(15,2125)	1:44:A:GLU:H	1:140:A:LEU:HD11	9	0.23
(15,2125)	1:44:A:GLU:H	1:140:A:LEU:HD12	9	0.23
(15,2125)	1:44:A:GLU:H	1:140:A:LEU:HD13	9	0.23
(15,2125)	1:44:A:GLU:H	1:140:A:LEU:HD21	9	0.23
(15,2125)	1:44:A:GLU:H	1:140:A:LEU:HD22	9	0.23
(15,2125)	1:44:A:GLU:H	1:140:A:LEU:HD23	9	0.23
(15,2068)	1:38:A:GLU:HA	1:139:A:LEU:HD11	4	0.23
(15,2068)	1:38:A:GLU:HA	1:139:A:LEU:HD12	4	0.23
(15,2068)	1:38:A:GLU:HA	1:139:A:LEU:HD13	4	0.23
(15,2068)	1:38:A:GLU:HA	1:139:A:LEU:HD21	4	0.23
(15,2068)	1:38:A:GLU:HA	1:139:A:LEU:HD22	4	0.23
(15,2068)	1:38:A:GLU:HA	1:139:A:LEU:HD23	4	0.23
(15,1835)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	9	0.23
(15,1835)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	9	0.23
(15,1808)	1:9:A:PHE:HZ	1:54:A:ARG:HA	12	0.23
(15,1738)	1:36:A:PRO:HA	1:37:A:LEU:HD21	4	0.23
(15,1738)	1:36:A:PRO:HA	1:37:A:LEU:HD22	4	0.23
(15,1738)	1:36:A:PRO:HA	1:37:A:LEU:HD23	4	0.23
(15,1717)	1:68:A:LYS:HA	1:71:A:LYS:HB2	5	0.23
(15,1714)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.23
(15,1714)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.23
(15,1714)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.23
(15,1714)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.23
(15,1714)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.23
(15,1714)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.23
(15,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG21	3	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG22	3	0.23
(15,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG23	3	0.23
(15,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG21	3	0.23
(15,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG22	3	0.23
(15,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG23	3	0.23
(15,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG21	3	0.23
(15,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG22	3	0.23
(15,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG23	3	0.23
(15,1708)	1:14:A:VAL:H	1:79:A:THR:HG21	18	0.23
(15,1708)	1:14:A:VAL:H	1:79:A:THR:HG22	18	0.23
(15,1708)	1:14:A:VAL:H	1:79:A:THR:HG23	18	0.23
(15,1703)	1:66:A:THR:HG1	1:69:A:MET:HG3	17	0.23
(15,1682)	1:72:A:PHE:HB2	1:109:A:PRO:HA	11	0.23
(15,1644)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	15	0.23
(15,1644)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	15	0.23
(15,1644)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	15	0.23
(15,1609)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	8	0.23
(15,1609)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	8	0.23
(15,1609)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	8	0.23
(15,1609)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	8	0.23
(15,1609)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	8	0.23
(15,1609)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	8	0.23
(15,1516)	1:110:A:MET:HE1	1:113:A:PHE:HA	7	0.23
(15,1516)	1:110:A:MET:HE2	1:113:A:PHE:HA	7	0.23
(15,1516)	1:110:A:MET:HE3	1:113:A:PHE:HA	7	0.23
(15,1497)	1:12:A:VAL:HA	1:43:A:MET:HE1	15	0.23
(15,1497)	1:12:A:VAL:HA	1:43:A:MET:HE2	15	0.23
(15,1497)	1:12:A:VAL:HA	1:43:A:MET:HE3	15	0.23
(15,1490)	1:114:A:ILE:HG21	1:117:A:VAL:HB	19	0.23
(15,1490)	1:114:A:ILE:HG22	1:117:A:VAL:HB	19	0.23
(15,1490)	1:114:A:ILE:HG23	1:117:A:VAL:HB	19	0.23
(15,1308)	1:66:A:THR:HG21	1:96:A:VAL:HG21	3	0.23
(15,1308)	1:66:A:THR:HG21	1:96:A:VAL:HG22	3	0.23
(15,1308)	1:66:A:THR:HG21	1:96:A:VAL:HG23	3	0.23
(15,1308)	1:66:A:THR:HG22	1:96:A:VAL:HG21	3	0.23
(15,1308)	1:66:A:THR:HG22	1:96:A:VAL:HG22	3	0.23
(15,1308)	1:66:A:THR:HG22	1:96:A:VAL:HG23	3	0.23
(15,1308)	1:66:A:THR:HG23	1:96:A:VAL:HG21	3	0.23
(15,1308)	1:66:A:THR:HG23	1:96:A:VAL:HG22	3	0.23
(15,1308)	1:66:A:THR:HG23	1:96:A:VAL:HG23	3	0.23
(15,1242)	1:38:A:GLU:HB2	1:139:A:LEU:HD21	17	0.23
(15,1242)	1:38:A:GLU:HB2	1:139:A:LEU:HD22	17	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1242)	1:38:A:GLU:HB2	1:139:A:LEU:HD23	17	0.23
(15,1177)	1:128:A:LEU:HD21	1:129:A:LYS:H	10	0.23
(15,1177)	1:128:A:LEU:HD22	1:129:A:LYS:H	10	0.23
(15,1177)	1:128:A:LEU:HD23	1:129:A:LYS:H	10	0.23
(15,1124)	1:40:A:LEU:HA	1:43:A:MET:HG3	9	0.23
(15,1030)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	2	0.23
(15,1030)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	15	0.23
(15,991)	1:104:A:PHE:H	1:105:A:LYS:HB2	4	0.23
(15,991)	1:104:A:PHE:H	1:105:A:LYS:HB3	4	0.23
(15,958)	1:11:A:ILE:HG13	1:43:A:MET:HB2	11	0.23
(15,940)	1:67:A:PRO:HA	1:70:A:LYS:HB2	1	0.23
(15,940)	1:67:A:PRO:HA	1:70:A:LYS:HB3	1	0.23
(15,914)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	4	0.23
(15,914)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	4	0.23
(15,914)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	4	0.23
(15,815)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	2	0.23
(15,815)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	2	0.23
(15,815)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	2	0.23
(15,815)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	7	0.23
(15,815)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	7	0.23
(15,815)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	7	0.23
(15,790)	1:60:A:LEU:H	1:63:A:ILE:HD11	17	0.23
(15,790)	1:60:A:LEU:H	1:63:A:ILE:HD12	17	0.23
(15,790)	1:60:A:LEU:H	1:63:A:ILE:HD13	17	0.23
(15,760)	1:141:A:LYS:H	1:143:A:TRP:HB2	18	0.23
(15,725)	1:73:A:ILE:HG21	1:76:A:ARG:HE	18	0.23
(15,725)	1:73:A:ILE:HG22	1:76:A:ARG:HE	18	0.23
(15,725)	1:73:A:ILE:HG23	1:76:A:ARG:HE	18	0.23
(15,634)	1:57:A:LEU:H	1:58:A:ILE:HD11	4	0.23
(15,634)	1:57:A:LEU:H	1:58:A:ILE:HD12	4	0.23
(15,634)	1:57:A:LEU:H	1:58:A:ILE:HD13	4	0.23
(15,609)	1:55:A:GLY:H	1:58:A:ILE:HD11	12	0.23
(15,609)	1:55:A:GLY:H	1:58:A:ILE:HD12	12	0.23
(15,609)	1:55:A:GLY:H	1:58:A:ILE:HD13	12	0.23
(15,523)	1:19:A:ALA:HB1	1:21:A:THR:H	11	0.23
(15,523)	1:19:A:ALA:HB2	1:21:A:THR:H	11	0.23
(15,523)	1:19:A:ALA:HB3	1:21:A:THR:H	11	0.23
(15,477)	1:48:A:ARG:HA	1:53:A:THR:H	14	0.23
(15,448)	1:76:A:ARG:H	1:77:A:CYS:HB2	17	0.23
(15,377)	1:40:A:LEU:HB2	1:41:A:LYS:H	6	0.23
(15,373)	1:132:A:ALA:H	1:133:A:ASN:HD22	18	0.23
(15,362)	1:23:A:LEU:HB2	1:26:A:ASP:H	12	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,362)	1:23:A:LEU:HB3	1:26:A:ASP:H	12	0.23
(15,339)	1:57:A:LEU:H	1:58:A:ILE:HB	5	0.23
(15,321)	1:136:A:CYS:HA	1:140:A:LEU:H	13	0.23
(15,301)	1:121:A:VAL:H	1:121:A:VAL:HB	11	0.23
(15,294)	1:50:A:ALA:HB1	1:52:A:CYS:H	12	0.23
(15,294)	1:50:A:ALA:HB2	1:52:A:CYS:H	12	0.23
(15,294)	1:50:A:ALA:HB3	1:52:A:CYS:H	12	0.23
(15,294)	1:50:A:ALA:HB1	1:52:A:CYS:H	14	0.23
(15,294)	1:50:A:ALA:HB2	1:52:A:CYS:H	14	0.23
(15,294)	1:50:A:ALA:HB3	1:52:A:CYS:H	14	0.23
(15,223)	1:44:A:GLU:HB2	1:48:A:ARG:H	8	0.23
(15,223)	1:44:A:GLU:HB3	1:48:A:ARG:H	8	0.23
(15,206)	1:101:A:ILE:H	1:104:A:PHE:HD1	8	0.23
(15,206)	1:101:A:ILE:H	1:104:A:PHE:HD2	8	0.23
(15,206)	1:101:A:ILE:H	1:104:A:PHE:HD1	14	0.23
(15,206)	1:101:A:ILE:H	1:104:A:PHE:HD2	14	0.23
(15,89)	1:30:A:LEU:H	1:30:A:LEU:HB2	7	0.23
(15,89)	1:30:A:LEU:H	1:30:A:LEU:HB3	7	0.23
(13,2408)	1:132:A:ALA:HA	1:133:A:ASN:HB2	7	0.23
(13,2408)	1:132:A:ALA:HA	1:133:A:ASN:HB3	7	0.23
(13,2251)	1:80:A:TYR:HD1	1:81:A:GLU:HB2	14	0.23
(13,2251)	1:80:A:TYR:HD1	1:81:A:GLU:HB3	14	0.23
(13,2251)	1:80:A:TYR:HD2	1:81:A:GLU:HB2	14	0.23
(13,2251)	1:80:A:TYR:HD2	1:81:A:GLU:HB3	14	0.23
(13,2241)	1:75:A:GLY:H	1:77:A:CYS:HB2	6	0.23
(13,2241)	1:75:A:GLY:H	1:77:A:CYS:HB3	6	0.23
(13,2211)	1:68:A:LYS:H	1:70:A:LYS:HG2	6	0.23
(13,2211)	1:68:A:LYS:H	1:70:A:LYS:HG3	6	0.23
(13,2198)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	9	0.23
(13,2198)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	9	0.23
(13,2198)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	9	0.23
(13,2198)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	9	0.23
(13,2197)	1:65:A:CYS:HB2	1:70:A:LYS:HA	9	0.23
(13,2197)	1:65:A:CYS:HB3	1:70:A:LYS:HA	9	0.23
(13,2169)	1:60:A:LEU:HD11	1:120:A:CYS:HA	7	0.23
(13,2169)	1:60:A:LEU:HD12	1:120:A:CYS:HA	7	0.23
(13,2169)	1:60:A:LEU:HD13	1:120:A:CYS:HA	7	0.23
(13,2169)	1:60:A:LEU:HD21	1:120:A:CYS:HA	7	0.23
(13,2169)	1:60:A:LEU:HD22	1:120:A:CYS:HA	7	0.23
(13,2169)	1:60:A:LEU:HD23	1:120:A:CYS:HA	7	0.23
(13,2169)	1:60:A:LEU:HD11	1:120:A:CYS:HA	15	0.23
(13,2169)	1:60:A:LEU:HD12	1:120:A:CYS:HA	15	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2169)	1:60:A:LEU:HD13	1:120:A:CYS:HA	15	0.23
(13,2169)	1:60:A:LEU:HD21	1:120:A:CYS:HA	15	0.23
(13,2169)	1:60:A:LEU:HD22	1:120:A:CYS:HA	15	0.23
(13,2169)	1:60:A:LEU:HD23	1:120:A:CYS:HA	15	0.23
(13,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	19	0.23
(13,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	19	0.23
(13,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	19	0.23
(13,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD21	19	0.23
(13,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD22	19	0.23
(13,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD23	19	0.23
(13,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	19	0.23
(13,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	19	0.23
(13,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	19	0.23
(13,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD21	19	0.23
(13,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD22	19	0.23
(13,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD23	19	0.23
(13,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	19	0.23
(13,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	19	0.23
(13,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	19	0.23
(13,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD21	19	0.23
(13,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD22	19	0.23
(13,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD23	19	0.23
(13,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	19	0.23
(13,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	19	0.23
(13,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	19	0.23
(13,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD21	19	0.23
(13,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD22	19	0.23
(13,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD23	19	0.23
(13,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	19	0.23
(13,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	19	0.23
(13,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	19	0.23
(13,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD21	19	0.23
(13,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD22	19	0.23
(13,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD23	19	0.23
(13,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	19	0.23
(13,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	19	0.23
(13,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	19	0.23
(13,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD21	19	0.23
(13,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD22	19	0.23
(13,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD23	19	0.23
(13,1744)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	1	0.23
(13,1744)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	1	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1683)	1:66:A:THR:HG1	1:69:A:MET:HG3	17	0.23
(13,1674)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	17	0.23
(13,1674)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	17	0.23
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG11	16	0.23
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG12	16	0.23
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG13	16	0.23
(13,1586)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	8	0.23
(13,1586)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	8	0.23
(13,1586)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	8	0.23
(13,1586)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	8	0.23
(13,1586)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	8	0.23
(13,1586)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	8	0.23
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	15	0.23
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	15	0.23
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	15	0.23
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	15	0.23
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	15	0.23
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	15	0.23
(13,1555)	1:98:A:ILE:HG21	1:116:A:GLN:H	4	0.23
(13,1555)	1:98:A:ILE:HG22	1:116:A:GLN:H	4	0.23
(13,1555)	1:98:A:ILE:HG23	1:116:A:GLN:H	4	0.23
(13,1511)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	7	0.23
(13,1511)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	7	0.23
(13,1511)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	7	0.23
(13,1511)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	7	0.23
(13,1511)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	7	0.23
(13,1511)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	7	0.23
(13,1480)	1:12:A:VAL:HA	1:43:A:MET:HE1	15	0.23
(13,1480)	1:12:A:VAL:HA	1:43:A:MET:HE2	15	0.23
(13,1480)	1:12:A:VAL:HA	1:43:A:MET:HE3	15	0.23
(13,1475)	1:12:A:VAL:H	1:43:A:MET:HE1	16	0.23
(13,1475)	1:12:A:VAL:H	1:43:A:MET:HE2	16	0.23
(13,1475)	1:12:A:VAL:H	1:43:A:MET:HE3	16	0.23
(13,1461)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	10	0.23
(13,1461)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	10	0.23
(13,1461)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	10	0.23
(13,1461)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	10	0.23
(13,1461)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	10	0.23
(13,1461)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	10	0.23
(13,1448)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	11	0.23
(13,1448)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	11	0.23
(13,1448)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	11	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1448)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	11	0.23
(13,1448)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	11	0.23
(13,1448)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	11	0.23
(13,1448)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	14	0.23
(13,1448)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	14	0.23
(13,1448)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	14	0.23
(13,1448)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	14	0.23
(13,1448)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	14	0.23
(13,1448)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	14	0.23
(13,1416)	1:50:A:ALA:HB1	1:130:A:GLY:H	1	0.23
(13,1416)	1:50:A:ALA:HB2	1:130:A:GLY:H	1	0.23
(13,1416)	1:50:A:ALA:HB3	1:130:A:GLY:H	1	0.23
(13,1416)	1:50:A:ALA:HB1	1:130:A:GLY:H	8	0.23
(13,1416)	1:50:A:ALA:HB2	1:130:A:GLY:H	8	0.23
(13,1416)	1:50:A:ALA:HB3	1:130:A:GLY:H	8	0.23
(13,1372)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	12	0.23
(13,1372)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	12	0.23
(13,1372)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	12	0.23
(13,1372)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	12	0.23
(13,1372)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	12	0.23
(13,1372)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	12	0.23
(13,1312)	1:103:A:ARG:HG2	1:106:A:ASP:HA	3	0.23
(13,1312)	1:103:A:ARG:HG3	1:106:A:ASP:HA	3	0.23
(13,1289)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	3	0.23
(13,1289)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	3	0.23
(13,1289)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	3	0.23
(13,1281)	1:66:A:THR:HG21	1:96:A:VAL:HG21	3	0.23
(13,1281)	1:66:A:THR:HG21	1:96:A:VAL:HG22	3	0.23
(13,1281)	1:66:A:THR:HG21	1:96:A:VAL:HG23	3	0.23
(13,1281)	1:66:A:THR:HG22	1:96:A:VAL:HG21	3	0.23
(13,1281)	1:66:A:THR:HG22	1:96:A:VAL:HG22	3	0.23
(13,1281)	1:66:A:THR:HG22	1:96:A:VAL:HG23	3	0.23
(13,1281)	1:66:A:THR:HG23	1:96:A:VAL:HG21	3	0.23
(13,1281)	1:66:A:THR:HG23	1:96:A:VAL:HG22	3	0.23
(13,1281)	1:66:A:THR:HG23	1:96:A:VAL:HG23	3	0.23
(13,1201)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	11	0.23
(13,1201)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	11	0.23
(13,1201)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	11	0.23
(13,1022)	1:11:A:ILE:HB	1:44:A:GLU:HB2	3	0.23
(13,1022)	1:11:A:ILE:HB	1:44:A:GLU:HB3	3	0.23
(13,925)	1:67:A:PRO:HA	1:70:A:LYS:HB2	14	0.23
(13,925)	1:67:A:PRO:HA	1:70:A:LYS:HB3	14	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,801)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.23
(13,801)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.23
(13,801)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.23
(13,794)	1:98:A:ILE:HD11	1:100:A:ALA:H	9	0.23
(13,794)	1:98:A:ILE:HD12	1:100:A:ALA:H	9	0.23
(13,794)	1:98:A:ILE:HD13	1:100:A:ALA:H	9	0.23
(13,743)	1:141:A:LYS:H	1:143:A:TRP:HB2	18	0.23
(13,695)	1:23:A:LEU:HD11	1:27:A:ARG:HE	10	0.23
(13,695)	1:23:A:LEU:HD12	1:27:A:ARG:HE	10	0.23
(13,695)	1:23:A:LEU:HD13	1:27:A:ARG:HE	10	0.23
(13,596)	1:55:A:GLY:H	1:58:A:ILE:HD11	12	0.23
(13,596)	1:55:A:GLY:H	1:58:A:ILE:HD12	12	0.23
(13,596)	1:55:A:GLY:H	1:58:A:ILE:HD13	12	0.23
(13,510)	1:19:A:ALA:HB1	1:21:A:THR:H	11	0.23
(13,510)	1:19:A:ALA:HB2	1:21:A:THR:H	11	0.23
(13,510)	1:19:A:ALA:HB3	1:21:A:THR:H	11	0.23
(13,507)	1:105:A:LYS:H	1:106:A:ASP:HB3	8	0.23
(13,430)	1:68:A:LYS:H	1:68:A:LYS:HE2	17	0.23
(13,430)	1:68:A:LYS:H	1:68:A:LYS:HE3	17	0.23
(13,355)	1:23:A:LEU:HB2	1:26:A:ASP:H	12	0.23
(13,355)	1:23:A:LEU:HB3	1:26:A:ASP:H	12	0.23
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE1	3	0.23
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE2	3	0.23
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE3	3	0.23
(13,293)	1:121:A:VAL:H	1:121:A:VAL:HB	11	0.23
(13,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	3	0.23
(13,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	3	0.23
(13,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	3	0.23
(13,262)	1:27:A:ARG:HB3	1:29:A:LYS:H	2	0.23
(13,255)	1:27:A:ARG:HA	1:29:A:LYS:H	16	0.23
(13,176)	1:8:A:ASP:H	1:58:A:ILE:HD11	6	0.23
(13,176)	1:8:A:ASP:H	1:58:A:ILE:HD12	6	0.23
(13,176)	1:8:A:ASP:H	1:58:A:ILE:HD13	6	0.23
(13,149)	1:138:A:ASP:H	1:140:A:LEU:HB2	7	0.23
(13,113)	1:80:A:TYR:H	1:81:A:GLU:HG2	16	0.23
(13,113)	1:80:A:TYR:H	1:81:A:GLU:HG3	16	0.23
(13,62)	1:81:A:GLU:H	1:81:A:GLU:HG2	15	0.23
(13,62)	1:81:A:GLU:H	1:81:A:GLU:HG3	15	0.23
(13,57)	1:34:A:LYS:H	1:81:A:GLU:H	9	0.23
(13,14)	1:64:A:LYS:H	1:64:A:LYS:HD2	4	0.23
(13,14)	1:64:A:LYS:H	1:64:A:LYS:HD3	4	0.23
(11,2417)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	1	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2417)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	1	0.23
(11,2417)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	1	0.23
(11,2417)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	1	0.23
(11,2417)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	1	0.23
(11,2417)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	1	0.23
(11,2417)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	1	0.23
(11,2417)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	1	0.23
(11,2417)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	1	0.23
(11,2417)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	1	0.23
(11,2417)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	1	0.23
(11,2417)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	1	0.23
(11,2290)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	9	0.23
(11,2290)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	9	0.23
(11,2289)	1:79:A:THR:HG21	1:81:A:GLU:HB2	5	0.23
(11,2289)	1:79:A:THR:HG21	1:81:A:GLU:HB3	5	0.23
(11,2289)	1:79:A:THR:HG22	1:81:A:GLU:HB2	5	0.23
(11,2289)	1:79:A:THR:HG22	1:81:A:GLU:HB3	5	0.23
(11,2289)	1:79:A:THR:HG23	1:81:A:GLU:HB2	5	0.23
(11,2289)	1:79:A:THR:HG23	1:81:A:GLU:HB3	5	0.23
(11,2281)	1:75:A:GLY:H	1:76:A:ARG:HB2	5	0.23
(11,2281)	1:75:A:GLY:H	1:76:A:ARG:HB3	5	0.23
(11,2253)	1:69:A:MET:HG2	1:70:A:LYS:HG2	2	0.23
(11,2253)	1:69:A:MET:HG2	1:70:A:LYS:HG3	2	0.23
(11,2253)	1:69:A:MET:HG3	1:70:A:LYS:HG2	2	0.23
(11,2253)	1:69:A:MET:HG3	1:70:A:LYS:HG3	2	0.23
(11,2249)	1:69:A:MET:H	1:69:A:MET:HG2	1	0.23
(11,2249)	1:69:A:MET:H	1:69:A:MET:HG3	1	0.23
(11,2247)	1:68:A:LYS:H	1:70:A:LYS:HG2	6	0.23
(11,2247)	1:68:A:LYS:H	1:70:A:LYS:HG3	6	0.23
(11,2246)	1:67:A:PRO:HD3	1:96:A:VAL:HG11	6	0.23
(11,2246)	1:67:A:PRO:HD3	1:96:A:VAL:HG12	6	0.23
(11,2246)	1:67:A:PRO:HD3	1:96:A:VAL:HG13	6	0.23
(11,2246)	1:67:A:PRO:HD3	1:96:A:VAL:HG21	6	0.23
(11,2246)	1:67:A:PRO:HD3	1:96:A:VAL:HG22	6	0.23
(11,2246)	1:67:A:PRO:HD3	1:96:A:VAL:HG23	6	0.23
(11,2094)	1:35:A:LEU:HD11	1:143:A:TRP:HA	18	0.23
(11,2094)	1:35:A:LEU:HD12	1:143:A:TRP:HA	18	0.23
(11,2094)	1:35:A:LEU:HD13	1:143:A:TRP:HA	18	0.23
(11,2094)	1:35:A:LEU:HD21	1:143:A:TRP:HA	18	0.23
(11,2094)	1:35:A:LEU:HD22	1:143:A:TRP:HA	18	0.23
(11,2094)	1:35:A:LEU:HD23	1:143:A:TRP:HA	18	0.23
(11,2026)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	16	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2026)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	16	0.23
(11,2026)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	16	0.23
(11,2026)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	16	0.23
(11,2026)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	16	0.23
(11,2026)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	16	0.23
(11,2014)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	14	0.23
(11,2014)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	14	0.23
(11,2014)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	14	0.23
(11,2014)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	14	0.23
(11,2014)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	14	0.23
(11,2014)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	14	0.23
(11,2014)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	14	0.23
(11,2014)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	14	0.23
(11,2014)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	14	0.23
(11,2014)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	14	0.23
(11,2014)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	14	0.23
(11,2014)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	14	0.23
(11,1997)	1:12:A:VAL:HG11	1:43:A:MET:HE1	19	0.23
(11,1997)	1:12:A:VAL:HG11	1:43:A:MET:HE2	19	0.23
(11,1997)	1:12:A:VAL:HG11	1:43:A:MET:HE3	19	0.23
(11,1997)	1:12:A:VAL:HG12	1:43:A:MET:HE1	19	0.23
(11,1997)	1:12:A:VAL:HG12	1:43:A:MET:HE2	19	0.23
(11,1997)	1:12:A:VAL:HG12	1:43:A:MET:HE3	19	0.23
(11,1997)	1:12:A:VAL:HG13	1:43:A:MET:HE1	19	0.23
(11,1997)	1:12:A:VAL:HG13	1:43:A:MET:HE2	19	0.23
(11,1997)	1:12:A:VAL:HG13	1:43:A:MET:HE3	19	0.23
(11,1997)	1:12:A:VAL:HG21	1:43:A:MET:HE1	19	0.23
(11,1997)	1:12:A:VAL:HG21	1:43:A:MET:HE2	19	0.23
(11,1997)	1:12:A:VAL:HG21	1:43:A:MET:HE3	19	0.23
(11,1997)	1:12:A:VAL:HG22	1:43:A:MET:HE1	19	0.23
(11,1997)	1:12:A:VAL:HG22	1:43:A:MET:HE2	19	0.23
(11,1997)	1:12:A:VAL:HG22	1:43:A:MET:HE3	19	0.23
(11,1997)	1:12:A:VAL:HG23	1:43:A:MET:HE1	19	0.23
(11,1997)	1:12:A:VAL:HG23	1:43:A:MET:HE2	19	0.23
(11,1997)	1:12:A:VAL:HG23	1:43:A:MET:HE3	19	0.23
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	10	0.23
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	10	0.23
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	10	0.23
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	10	0.23
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	10	0.23
(11,1977)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	10	0.23
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	16	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	16	0.23
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	16	0.23
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	16	0.23
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	16	0.23
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	16	0.23
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	16	0.23
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	16	0.23
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	16	0.23
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	16	0.23
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	16	0.23
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	16	0.23
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	16	0.23
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	16	0.23
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	16	0.23
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	16	0.23
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	16	0.23
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	16	0.23
(11,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	19	0.23
(11,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	19	0.23
(11,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	19	0.23
(11,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	19	0.23
(11,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	19	0.23
(11,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	19	0.23
(11,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	19	0.23
(11,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	19	0.23
(11,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	19	0.23
(11,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	19	0.23
(11,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	19	0.23
(11,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	19	0.23
(11,1904)	1:104:A:PHE:HE1	1:113:A:PHE:HA	7	0.23
(11,1904)	1:104:A:PHE:HE2	1:113:A:PHE:HA	7	0.23
(11,1896)	1:72:A:PHE:HD1	1:109:A:PRO:HD2	15	0.23
(11,1896)	1:72:A:PHE:HD2	1:109:A:PRO:HD2	15	0.23
(11,1896)	1:72:A:PHE:HD1	1:109:A:PRO:HD2	17	0.23
(11,1896)	1:72:A:PHE:HD2	1:109:A:PRO:HD2	17	0.23
(11,1875)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	9	0.23
(11,1875)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	9	0.23
(11,1865)	1:61:A:SER:H	1:62:A:HIS:HD2	10	0.23
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	18	0.23
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	18	0.23
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	18	0.23
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	18	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1755)	1:14:A:VAL:H	1:79:A:THR:HG21	10	0.23
(11,1755)	1:14:A:VAL:H	1:79:A:THR:HG22	10	0.23
(11,1755)	1:14:A:VAL:H	1:79:A:THR:HG23	10	0.23
(11,1750)	1:66:A:THR:HG1	1:69:A:MET:HG3	17	0.23
(11,1742)	1:141:A:LYS:HA	1:145:A:PRO:HD3	15	0.23
(11,1739)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	17	0.23
(11,1739)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	17	0.23
(11,1707)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	1	0.23
(11,1707)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	1	0.23
(11,1590)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	9	0.23
(11,1590)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	9	0.23
(11,1590)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	9	0.23
(11,1590)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	9	0.23
(11,1590)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	9	0.23
(11,1590)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	9	0.23
(11,1590)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	9	0.23
(11,1590)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	9	0.23
(11,1590)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	9	0.23
(11,1559)	1:110:A:MET:HE1	1:114:A:ILE:HG12	1	0.23
(11,1559)	1:110:A:MET:HE2	1:114:A:ILE:HG12	1	0.23
(11,1559)	1:110:A:MET:HE3	1:114:A:ILE:HG12	1	0.23
(11,1558)	1:76:A:ARG:HE	1:110:A:MET:HE1	7	0.23
(11,1558)	1:76:A:ARG:HE	1:110:A:MET:HE2	7	0.23
(11,1558)	1:76:A:ARG:HE	1:110:A:MET:HE3	7	0.23
(11,1546)	1:110:A:MET:HE1	1:113:A:PHE:HA	7	0.23
(11,1546)	1:110:A:MET:HE2	1:113:A:PHE:HA	7	0.23
(11,1546)	1:110:A:MET:HE3	1:113:A:PHE:HA	7	0.23
(11,1527)	1:12:A:VAL:HA	1:43:A:MET:HE1	15	0.23
(11,1527)	1:12:A:VAL:HA	1:43:A:MET:HE2	15	0.23
(11,1527)	1:12:A:VAL:HA	1:43:A:MET:HE3	15	0.23
(11,1523)	1:12:A:VAL:H	1:43:A:MET:HE1	16	0.23
(11,1523)	1:12:A:VAL:H	1:43:A:MET:HE2	16	0.23
(11,1523)	1:12:A:VAL:H	1:43:A:MET:HE3	16	0.23
(11,1493)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	11	0.23
(11,1493)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	11	0.23
(11,1493)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	11	0.23
(11,1493)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	11	0.23
(11,1493)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	11	0.23
(11,1493)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	11	0.23
(11,1493)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	14	0.23
(11,1493)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	14	0.23
(11,1493)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	14	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1493)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	14	0.23
(11,1493)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	14	0.23
(11,1493)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	14	0.23
(11,1479)	1:13:A:ALA:HB1	1:79:A:THR:HB	16	0.23
(11,1479)	1:13:A:ALA:HB2	1:79:A:THR:HB	16	0.23
(11,1479)	1:13:A:ALA:HB3	1:79:A:THR:HB	16	0.23
(11,1465)	1:50:A:ALA:HB1	1:130:A:GLY:H	1	0.23
(11,1465)	1:50:A:ALA:HB2	1:130:A:GLY:H	1	0.23
(11,1465)	1:50:A:ALA:HB3	1:130:A:GLY:H	1	0.23
(11,1465)	1:50:A:ALA:HB1	1:130:A:GLY:H	8	0.23
(11,1465)	1:50:A:ALA:HB2	1:130:A:GLY:H	8	0.23
(11,1465)	1:50:A:ALA:HB3	1:130:A:GLY:H	8	0.23
(11,1456)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	8	0.23
(11,1456)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	8	0.23
(11,1456)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	8	0.23
(11,1360)	1:103:A:ARG:HG2	1:106:A:ASP:HA	3	0.23
(11,1360)	1:103:A:ARG:HG3	1:106:A:ASP:HA	3	0.23
(11,1325)	1:66:A:THR:HG21	1:96:A:VAL:HG21	3	0.23
(11,1325)	1:66:A:THR:HG21	1:96:A:VAL:HG22	3	0.23
(11,1325)	1:66:A:THR:HG21	1:96:A:VAL:HG23	3	0.23
(11,1325)	1:66:A:THR:HG22	1:96:A:VAL:HG21	3	0.23
(11,1325)	1:66:A:THR:HG22	1:96:A:VAL:HG22	3	0.23
(11,1325)	1:66:A:THR:HG22	1:96:A:VAL:HG23	3	0.23
(11,1325)	1:66:A:THR:HG23	1:96:A:VAL:HG21	3	0.23
(11,1325)	1:66:A:THR:HG23	1:96:A:VAL:HG22	3	0.23
(11,1325)	1:66:A:THR:HG23	1:96:A:VAL:HG23	3	0.23
(11,1307)	1:68:A:LYS:HG2	1:70:A:LYS:H	5	0.23
(11,1307)	1:68:A:LYS:HG3	1:70:A:LYS:H	5	0.23
(11,1278)	1:23:A:LEU:HA	1:23:A:LEU:HD11	14	0.23
(11,1278)	1:23:A:LEU:HA	1:23:A:LEU:HD12	14	0.23
(11,1278)	1:23:A:LEU:HA	1:23:A:LEU:HD13	14	0.23
(11,1272)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	5	0.23
(11,1272)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	5	0.23
(11,1272)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	5	0.23
(11,1243)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	11	0.23
(11,1243)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	11	0.23
(11,1243)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	11	0.23
(11,1098)	1:70:A:LYS:HA	1:70:A:LYS:HE2	9	0.23
(11,1098)	1:70:A:LYS:HA	1:70:A:LYS:HE3	9	0.23
(11,971)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	19	0.23
(11,971)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	19	0.23
(11,956)	1:40:A:LEU:HA	1:43:A:MET:HG2	14	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,949)	1:67:A:PRO:HA	1:70:A:LYS:HB2	14	0.23
(11,949)	1:67:A:PRO:HA	1:70:A:LYS:HB3	14	0.23
(11,934)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	13	0.23
(11,934)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	13	0.23
(11,923)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	19	0.23
(11,923)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	19	0.23
(11,923)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	19	0.23
(11,813)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.23
(11,813)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.23
(11,813)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.23
(11,807)	1:98:A:ILE:HD11	1:100:A:ALA:H	9	0.23
(11,807)	1:98:A:ILE:HD12	1:100:A:ALA:H	9	0.23
(11,807)	1:98:A:ILE:HD13	1:100:A:ALA:H	9	0.23
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	17	0.23
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	17	0.23
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	17	0.23
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	17	0.23
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	17	0.23
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	17	0.23
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	17	0.23
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	17	0.23
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	17	0.23
(11,655)	1:99:A:PRO:HG3	1:100:A:ALA:H	5	0.23
(11,628)	1:57:A:LEU:H	1:58:A:ILE:HD11	4	0.23
(11,628)	1:57:A:LEU:H	1:58:A:ILE:HD12	4	0.23
(11,628)	1:57:A:LEU:H	1:58:A:ILE:HD13	4	0.23
(11,597)	1:55:A:GLY:H	1:57:A:LEU:H	5	0.23
(11,597)	1:55:A:GLY:H	1:57:A:LEU:H	10	0.23
(11,540)	1:60:A:LEU:HD21	1:61:A:SER:H	9	0.23
(11,540)	1:60:A:LEU:HD22	1:61:A:SER:H	9	0.23
(11,540)	1:60:A:LEU:HD23	1:61:A:SER:H	9	0.23
(11,540)	1:60:A:LEU:HD21	1:61:A:SER:H	17	0.23
(11,540)	1:60:A:LEU:HD22	1:61:A:SER:H	17	0.23
(11,540)	1:60:A:LEU:HD23	1:61:A:SER:H	17	0.23
(11,517)	1:19:A:ALA:HB1	1:21:A:THR:H	11	0.23
(11,517)	1:19:A:ALA:HB2	1:21:A:THR:H	11	0.23
(11,517)	1:19:A:ALA:HB3	1:21:A:THR:H	11	0.23
(11,493)	1:8:A:ASP:HB2	1:9:A:PHE:H	9	0.23
(11,493)	1:8:A:ASP:HB2	1:9:A:PHE:H	17	0.23
(11,472)	1:48:A:ARG:HA	1:53:A:THR:H	14	0.23
(11,367)	1:70:A:LYS:H	1:70:A:LYS:HE2	15	0.23
(11,367)	1:70:A:LYS:H	1:70:A:LYS:HE3	15	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,338)	1:57:A:LEU:H	1:58:A:ILE:HB	5	0.23
(11,298)	1:121:A:VAL:H	1:121:A:VAL:HB	11	0.23
(11,294)	1:120:A:CYS:H	1:121:A:VAL:H	10	0.23
(11,264)	1:39:A:VAL:H	1:40:A:LEU:HB2	17	0.23
(11,115)	1:80:A:TYR:H	1:81:A:GLU:HG2	16	0.23
(11,115)	1:80:A:TYR:H	1:81:A:GLU:HG3	16	0.23
(11,43)	1:43:A:MET:HA	1:47:A:ALA:H	5	0.23
(11,43)	1:43:A:MET:HA	1:47:A:ALA:H	16	0.23
(11,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	10	0.23
(9,2364)	1:131:A:LEU:HD11	1:134:A:VAL:HB	2	0.23
(9,2364)	1:131:A:LEU:HD12	1:134:A:VAL:HB	2	0.23
(9,2364)	1:131:A:LEU:HD13	1:134:A:VAL:HB	2	0.23
(9,2364)	1:131:A:LEU:HD21	1:134:A:VAL:HB	2	0.23
(9,2364)	1:131:A:LEU:HD22	1:134:A:VAL:HB	2	0.23
(9,2364)	1:131:A:LEU:HD23	1:134:A:VAL:HB	2	0.23
(9,2242)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	11	0.23
(9,2242)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	11	0.23
(9,2242)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	11	0.23
(9,2242)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	11	0.23
(9,2242)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	11	0.23
(9,2242)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	11	0.23
(9,2242)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	11	0.23
(9,2242)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	11	0.23
(9,2242)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	11	0.23
(9,2242)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	11	0.23
(9,2242)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	11	0.23
(9,2242)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	11	0.23
(9,2230)	1:81:A:GLU:H	1:81:A:GLU:HB2	12	0.23
(9,2230)	1:81:A:GLU:H	1:81:A:GLU:HB3	12	0.23
(9,2223)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	16	0.23
(9,2223)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	16	0.23
(9,2218)	1:75:A:GLY:H	1:76:A:ARG:HB2	5	0.23
(9,2218)	1:75:A:GLY:H	1:76:A:ARG:HB3	5	0.23
(9,2163)	1:60:A:LEU:HD11	1:61:A:SER:HB2	11	0.23
(9,2163)	1:60:A:LEU:HD11	1:61:A:SER:HB3	11	0.23
(9,2163)	1:60:A:LEU:HD12	1:61:A:SER:HB2	11	0.23
(9,2163)	1:60:A:LEU:HD12	1:61:A:SER:HB3	11	0.23
(9,2163)	1:60:A:LEU:HD13	1:61:A:SER:HB2	11	0.23
(9,2163)	1:60:A:LEU:HD13	1:61:A:SER:HB3	11	0.23
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD11	3	0.23
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD12	3	0.23
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD13	3	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD21	3	0.23
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD22	3	0.23
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD23	3	0.23
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD11	4	0.23
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD12	4	0.23
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD13	4	0.23
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD21	4	0.23
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD22	4	0.23
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD23	4	0.23
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD11	12	0.23
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD12	12	0.23
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD13	12	0.23
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD21	12	0.23
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD22	12	0.23
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD23	12	0.23
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG11	2	0.23
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG12	2	0.23
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG13	2	0.23
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG21	2	0.23
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG22	2	0.23
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG23	2	0.23
(9,1991)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	16	0.23
(9,1991)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	16	0.23
(9,1991)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	16	0.23
(9,1991)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	16	0.23
(9,1991)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	16	0.23
(9,1991)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	16	0.23
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	13	0.23
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	13	0.23
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	13	0.23
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	13	0.23
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	13	0.23
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	13	0.23
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	13	0.23
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	13	0.23
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	13	0.23
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	13	0.23
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	13	0.23
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	13	0.23
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	13	0.23
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	13	0.23
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	13	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	13	0.23
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	13	0.23
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	13	0.23
(9,1840)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	9	0.23
(9,1840)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	9	0.23
(9,1800)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	19	0.23
(9,1800)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	19	0.23
(9,1775)	1:80:A:TYR:H	1:80:A:TYR:HD1	6	0.23
(9,1775)	1:80:A:TYR:H	1:80:A:TYR:HD2	6	0.23
(9,1775)	1:80:A:TYR:H	1:80:A:TYR:HD1	9	0.23
(9,1775)	1:80:A:TYR:H	1:80:A:TYR:HD2	9	0.23
(9,1736)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	16	0.23
(9,1736)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	16	0.23
(9,1736)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	16	0.23
(9,1736)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	16	0.23
(9,1720)	1:68:A:LYS:HA	1:71:A:LYS:HB2	5	0.23
(9,1713)	1:19:A:ALA:HB1	1:20:A:THR:HG21	3	0.23
(9,1713)	1:19:A:ALA:HB1	1:20:A:THR:HG22	3	0.23
(9,1713)	1:19:A:ALA:HB1	1:20:A:THR:HG23	3	0.23
(9,1713)	1:19:A:ALA:HB2	1:20:A:THR:HG21	3	0.23
(9,1713)	1:19:A:ALA:HB2	1:20:A:THR:HG22	3	0.23
(9,1713)	1:19:A:ALA:HB2	1:20:A:THR:HG23	3	0.23
(9,1713)	1:19:A:ALA:HB3	1:20:A:THR:HG21	3	0.23
(9,1713)	1:19:A:ALA:HB3	1:20:A:THR:HG22	3	0.23
(9,1713)	1:19:A:ALA:HB3	1:20:A:THR:HG23	3	0.23
(9,1708)	1:66:A:THR:HG1	1:69:A:MET:HG3	17	0.23
(9,1664)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	1	0.23
(9,1664)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	1	0.23
(9,1658)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	1	0.23
(9,1658)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	1	0.23
(9,1608)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	8	0.23
(9,1608)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	8	0.23
(9,1608)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	8	0.23
(9,1608)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	8	0.23
(9,1608)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	8	0.23
(9,1608)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	8	0.23
(9,1557)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	9	0.23
(9,1557)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	9	0.23
(9,1557)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	9	0.23
(9,1557)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	9	0.23
(9,1557)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	9	0.23
(9,1557)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	9	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1557)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	9	0.23
(9,1557)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	9	0.23
(9,1557)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	9	0.23
(9,1534)	1:76:A:ARG:HE	1:110:A:MET:HE1	7	0.23
(9,1534)	1:76:A:ARG:HE	1:110:A:MET:HE2	7	0.23
(9,1534)	1:76:A:ARG:HE	1:110:A:MET:HE3	7	0.23
(9,1502)	1:12:A:VAL:HA	1:43:A:MET:HE1	15	0.23
(9,1502)	1:12:A:VAL:HA	1:43:A:MET:HE2	15	0.23
(9,1502)	1:12:A:VAL:HA	1:43:A:MET:HE3	15	0.23
(9,1497)	1:12:A:VAL:H	1:43:A:MET:HE1	16	0.23
(9,1497)	1:12:A:VAL:H	1:43:A:MET:HE2	16	0.23
(9,1497)	1:12:A:VAL:H	1:43:A:MET:HE3	16	0.23
(9,1482)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	10	0.23
(9,1482)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	10	0.23
(9,1482)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	10	0.23
(9,1482)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	10	0.23
(9,1482)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	10	0.23
(9,1482)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	10	0.23
(9,1388)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	12	0.23
(9,1388)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	12	0.23
(9,1388)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	12	0.23
(9,1388)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	12	0.23
(9,1388)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	12	0.23
(9,1388)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	12	0.23
(9,1305)	1:66:A:THR:HG21	1:96:A:VAL:HG21	3	0.23
(9,1305)	1:66:A:THR:HG21	1:96:A:VAL:HG22	3	0.23
(9,1305)	1:66:A:THR:HG21	1:96:A:VAL:HG23	3	0.23
(9,1305)	1:66:A:THR:HG22	1:96:A:VAL:HG21	3	0.23
(9,1305)	1:66:A:THR:HG22	1:96:A:VAL:HG22	3	0.23
(9,1305)	1:66:A:THR:HG22	1:96:A:VAL:HG23	3	0.23
(9,1305)	1:66:A:THR:HG23	1:96:A:VAL:HG21	3	0.23
(9,1305)	1:66:A:THR:HG23	1:96:A:VAL:HG22	3	0.23
(9,1305)	1:66:A:THR:HG23	1:96:A:VAL:HG23	3	0.23
(9,1272)	1:28:A:GLY:HA2	1:30:A:LEU:HD11	3	0.23
(9,1272)	1:28:A:GLY:HA2	1:30:A:LEU:HD12	3	0.23
(9,1272)	1:28:A:GLY:HA2	1:30:A:LEU:HD13	3	0.23
(9,1272)	1:28:A:GLY:HA3	1:30:A:LEU:HD11	3	0.23
(9,1272)	1:28:A:GLY:HA3	1:30:A:LEU:HD12	3	0.23
(9,1272)	1:28:A:GLY:HA3	1:30:A:LEU:HD13	3	0.23
(9,1121)	1:66:A:THR:HG21	1:105:A:LYS:HA	19	0.23
(9,1121)	1:66:A:THR:HG22	1:105:A:LYS:HA	19	0.23
(9,1121)	1:66:A:THR:HG23	1:105:A:LYS:HA	19	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1087)	1:70:A:LYS:HA	1:70:A:LYS:HE2	9	0.23
(9,1087)	1:70:A:LYS:HA	1:70:A:LYS:HE3	9	0.23
(9,918)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	19	0.23
(9,918)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	19	0.23
(9,918)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	19	0.23
(9,915)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	10	0.23
(9,915)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	10	0.23
(9,915)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	10	0.23
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	11	0.23
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	11	0.23
(9,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	11	0.23
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	11	0.23
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	11	0.23
(9,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	11	0.23
(9,813)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.23
(9,813)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.23
(9,813)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.23
(9,812)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	13	0.23
(9,812)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	13	0.23
(9,812)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	13	0.23
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	18	0.23
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	18	0.23
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	18	0.23
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	18	0.23
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	18	0.23
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	18	0.23
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	18	0.23
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	18	0.23
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	18	0.23
(9,807)	1:98:A:ILE:HD11	1:100:A:ALA:H	9	0.23
(9,807)	1:98:A:ILE:HD12	1:100:A:ALA:H	9	0.23
(9,807)	1:98:A:ILE:HD13	1:100:A:ALA:H	9	0.23
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	9	0.23
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	9	0.23
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	9	0.23
(9,796)	1:58:A:ILE:HD11	1:59:A:CYS:H	13	0.23
(9,796)	1:58:A:ILE:HD12	1:59:A:CYS:H	13	0.23
(9,796)	1:58:A:ILE:HD13	1:59:A:CYS:H	13	0.23
(9,602)	1:54:A:ARG:HB2	1:55:A:GLY:H	13	0.23
(9,597)	1:55:A:GLY:H	1:57:A:LEU:H	5	0.23
(9,597)	1:55:A:GLY:H	1:57:A:LEU:H	10	0.23
(9,545)	1:60:A:LEU:HD21	1:61:A:SER:H	9	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,545)	1:60:A:LEU:HD22	1:61:A:SER:H	9	0.23
(9,545)	1:60:A:LEU:HD23	1:61:A:SER:H	9	0.23
(9,545)	1:60:A:LEU:HD21	1:61:A:SER:H	17	0.23
(9,545)	1:60:A:LEU:HD22	1:61:A:SER:H	17	0.23
(9,545)	1:60:A:LEU:HD23	1:61:A:SER:H	17	0.23
(9,534)	1:70:A:LYS:HB2	1:72:A:PHE:H	13	0.23
(9,534)	1:70:A:LYS:HB3	1:72:A:PHE:H	13	0.23
(9,523)	1:19:A:ALA:HB1	1:21:A:THR:H	11	0.23
(9,523)	1:19:A:ALA:HB2	1:21:A:THR:H	11	0.23
(9,523)	1:19:A:ALA:HB3	1:21:A:THR:H	11	0.23
(9,440)	1:68:A:LYS:H	1:68:A:LYS:HE2	5	0.23
(9,440)	1:68:A:LYS:H	1:68:A:LYS:HE3	5	0.23
(9,370)	1:23:A:LEU:HB2	1:26:A:ASP:H	12	0.23
(9,370)	1:23:A:LEU:HB3	1:26:A:ASP:H	12	0.23
(9,327)	1:136:A:CYS:HA	1:140:A:LEU:H	13	0.23
(9,322)	1:43:A:MET:H	1:140:A:LEU:HD11	3	0.23
(9,322)	1:43:A:MET:H	1:140:A:LEU:HD12	3	0.23
(9,322)	1:43:A:MET:H	1:140:A:LEU:HD13	3	0.23
(9,304)	1:43:A:MET:H	1:43:A:MET:HG3	6	0.23
(9,303)	1:121:A:VAL:H	1:121:A:VAL:HB	11	0.23
(9,299)	1:120:A:CYS:H	1:121:A:VAL:H	10	0.23
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB2	6	0.23
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB3	6	0.23
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB2	11	0.23
(9,271)	1:39:A:VAL:H	1:139:A:LEU:HB3	11	0.23
(9,269)	1:27:A:ARG:HB3	1:29:A:LYS:H	2	0.23
(9,262)	1:27:A:ARG:HA	1:29:A:LYS:H	16	0.23
(9,189)	1:139:A:LEU:H	1:139:A:LEU:HD21	13	0.23
(9,189)	1:139:A:LEU:H	1:139:A:LEU:HD22	13	0.23
(9,189)	1:139:A:LEU:H	1:139:A:LEU:HD23	13	0.23
(9,163)	1:94:A:ALA:HA	1:95:A:ILE:H	15	0.23
(9,84)	1:30:A:LEU:H	1:30:A:LEU:HB2	7	0.23
(9,84)	1:30:A:LEU:H	1:30:A:LEU:HB3	7	0.23
(9,43)	1:98:A:ILE:H	1:105:A:LYS:HA	7	0.23
(9,34)	1:95:A:ILE:HB	1:96:A:VAL:H	9	0.23
(9,14)	1:64:A:LYS:H	1:64:A:LYS:HD2	4	0.23
(9,14)	1:64:A:LYS:H	1:64:A:LYS:HD3	4	0.23
(9,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	10	0.23
(7,2412)	1:132:A:ALA:HA	1:133:A:ASN:HB2	7	0.23
(7,2412)	1:132:A:ALA:HA	1:133:A:ASN:HB3	7	0.23
(7,2400)	1:129:A:LYS:HG2	1:130:A:GLY:H	8	0.23
(7,2400)	1:129:A:LYS:HG3	1:130:A:GLY:H	8	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2336)	1:111:A:GLU:H	1:111:A:GLU:HG2	19	0.23
(7,2336)	1:111:A:GLU:H	1:111:A:GLU:HG3	19	0.23
(7,2318)	1:107:A:LEU:HD11	1:112:A:GLN:H	10	0.23
(7,2318)	1:107:A:LEU:HD12	1:112:A:GLN:H	10	0.23
(7,2318)	1:107:A:LEU:HD13	1:112:A:GLN:H	10	0.23
(7,2318)	1:107:A:LEU:HD21	1:112:A:GLN:H	10	0.23
(7,2318)	1:107:A:LEU:HD22	1:112:A:GLN:H	10	0.23
(7,2318)	1:107:A:LEU:HD23	1:112:A:GLN:H	10	0.23
(7,2315)	1:107:A:LEU:HD11	1:108:A:GLU:H	15	0.23
(7,2315)	1:107:A:LEU:HD12	1:108:A:GLU:H	15	0.23
(7,2315)	1:107:A:LEU:HD13	1:108:A:GLU:H	15	0.23
(7,2315)	1:107:A:LEU:HD21	1:108:A:GLU:H	15	0.23
(7,2315)	1:107:A:LEU:HD22	1:108:A:GLU:H	15	0.23
(7,2315)	1:107:A:LEU:HD23	1:108:A:GLU:H	15	0.23
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	14	0.23
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	14	0.23
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	14	0.23
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	14	0.23
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	14	0.23
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	14	0.23
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	14	0.23
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	14	0.23
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	14	0.23
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	14	0.23
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	14	0.23
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	14	0.23
(7,2242)	1:75:A:GLY:H	1:76:A:ARG:HB2	5	0.23
(7,2242)	1:75:A:GLY:H	1:76:A:ARG:HB3	5	0.23
(7,2224)	1:69:A:MET:H	1:69:A:MET:HG2	1	0.23
(7,2224)	1:69:A:MET:H	1:69:A:MET:HG3	1	0.23
(7,2194)	1:63:A:ILE:HG12	1:113:A:PHE:HE1	10	0.23
(7,2194)	1:63:A:ILE:HG12	1:113:A:PHE:HE2	10	0.23
(7,2194)	1:63:A:ILE:HG13	1:113:A:PHE:HE1	10	0.23
(7,2194)	1:63:A:ILE:HG13	1:113:A:PHE:HE2	10	0.23
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD11	10	0.23
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD12	10	0.23
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD13	10	0.23
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD21	10	0.23
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD22	10	0.23
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD23	10	0.23
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD11	12	0.23
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD12	12	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD13	12	0.23
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD21	12	0.23
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD22	12	0.23
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD23	12	0.23
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD11	16	0.23
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD12	16	0.23
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD13	16	0.23
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD21	16	0.23
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD22	16	0.23
(7,2097)	1:40:A:LEU:H	1:40:A:LEU:HD23	16	0.23
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD11	3	0.23
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD12	3	0.23
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD13	3	0.23
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD21	3	0.23
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD22	3	0.23
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD23	3	0.23
(7,1998)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	3	0.23
(7,1998)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	3	0.23
(7,1998)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	3	0.23
(7,1998)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	3	0.23
(7,1998)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	3	0.23
(7,1998)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	3	0.23
(7,1998)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	3	0.23
(7,1998)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	3	0.23
(7,1998)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	3	0.23
(7,1998)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	3	0.23
(7,1998)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	3	0.23
(7,1998)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	3	0.23
(7,1951)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	13	0.23
(7,1951)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	13	0.23
(7,1951)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	13	0.23
(7,1951)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	13	0.23
(7,1951)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	13	0.23
(7,1951)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	13	0.23
(7,1951)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	13	0.23
(7,1951)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	13	0.23
(7,1951)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	13	0.23
(7,1951)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	13	0.23
(7,1951)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	13	0.23
(7,1951)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	13	0.23
(7,1951)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	13	0.23
(7,1951)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	13	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1951)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	13	0.23
(7,1951)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	13	0.23
(7,1951)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	13	0.23
(7,1951)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	13	0.23
(7,1951)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	13	0.23
(7,1951)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	13	0.23
(7,1951)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	13	0.23
(7,1951)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	13	0.23
(7,1951)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	13	0.23
(7,1951)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	13	0.23
(7,1951)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	13	0.23
(7,1951)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	13	0.23
(7,1951)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	13	0.23
(7,1951)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	13	0.23
(7,1951)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	13	0.23
(7,1951)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	13	0.23
(7,1951)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	13	0.23
(7,1951)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	13	0.23
(7,1951)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	13	0.23
(7,1951)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	13	0.23
(7,1951)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	13	0.23
(7,1951)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	13	0.23
(7,1942)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	4	0.23
(7,1942)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	4	0.23
(7,1942)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	4	0.23
(7,1942)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	4	0.23
(7,1942)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	4	0.23
(7,1942)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	4	0.23
(7,1942)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	4	0.23
(7,1942)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	4	0.23
(7,1942)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	4	0.23
(7,1942)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	4	0.23
(7,1942)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	4	0.23
(7,1942)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	4	0.23
(7,1819)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	9	0.23
(7,1819)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	9	0.23
(7,1796)	1:71:A:LYS:HD2	1:72:A:PHE:HZ	1	0.23
(7,1796)	1:71:A:LYS:HD3	1:72:A:PHE:HZ	1	0.23
(7,1796)	1:71:A:LYS:HD2	1:72:A:PHE:HZ	10	0.23
(7,1796)	1:71:A:LYS:HD3	1:72:A:PHE:HZ	10	0.23
(7,1796)	1:71:A:LYS:HD2	1:72:A:PHE:HZ	19	0.23
(7,1796)	1:71:A:LYS:HD3	1:72:A:PHE:HZ	19	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1695)	1:68:A:LYS:HA	1:71:A:LYS:HB2	5	0.23
(7,1680)	1:66:A:THR:HG1	1:69:A:MET:HG3	17	0.23
(7,1663)	1:57:A:LEU:HB3	1:58:A:ILE:HD11	15	0.23
(7,1663)	1:57:A:LEU:HB3	1:58:A:ILE:HD12	15	0.23
(7,1663)	1:57:A:LEU:HB3	1:58:A:ILE:HD13	15	0.23
(7,1589)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	8	0.23
(7,1589)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	8	0.23
(7,1589)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	8	0.23
(7,1589)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	8	0.23
(7,1589)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	8	0.23
(7,1589)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	8	0.23
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG21	19	0.23
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG22	19	0.23
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG23	19	0.23
(7,1558)	1:98:A:ILE:HG21	1:116:A:GLN:H	4	0.23
(7,1558)	1:98:A:ILE:HG22	1:116:A:GLN:H	4	0.23
(7,1558)	1:98:A:ILE:HG23	1:116:A:GLN:H	4	0.23
(7,1479)	1:114:A:ILE:HG21	1:117:A:VAL:HB	19	0.23
(7,1479)	1:114:A:ILE:HG22	1:117:A:VAL:HB	19	0.23
(7,1479)	1:114:A:ILE:HG23	1:117:A:VAL:HB	19	0.23
(7,1378)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	12	0.23
(7,1378)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	12	0.23
(7,1378)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	12	0.23
(7,1378)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	12	0.23
(7,1378)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	12	0.23
(7,1378)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	12	0.23
(7,1335)	1:24:A:ASP:HB2	1:25:A:ALA:HA	2	0.23
(7,1335)	1:24:A:ASP:HB3	1:25:A:ALA:HA	2	0.23
(7,1335)	1:24:A:ASP:HB2	1:25:A:ALA:HA	19	0.23
(7,1335)	1:24:A:ASP:HB3	1:25:A:ALA:HA	19	0.23
(7,1320)	1:103:A:ARG:HG2	1:106:A:ASP:HA	3	0.23
(7,1320)	1:103:A:ARG:HG3	1:106:A:ASP:HA	3	0.23
(7,1292)	1:66:A:THR:HG21	1:96:A:VAL:HG21	3	0.23
(7,1292)	1:66:A:THR:HG21	1:96:A:VAL:HG22	3	0.23
(7,1292)	1:66:A:THR:HG21	1:96:A:VAL:HG23	3	0.23
(7,1292)	1:66:A:THR:HG22	1:96:A:VAL:HG21	3	0.23
(7,1292)	1:66:A:THR:HG22	1:96:A:VAL:HG22	3	0.23
(7,1292)	1:66:A:THR:HG22	1:96:A:VAL:HG23	3	0.23
(7,1292)	1:66:A:THR:HG23	1:96:A:VAL:HG21	3	0.23
(7,1292)	1:66:A:THR:HG23	1:96:A:VAL:HG22	3	0.23
(7,1292)	1:66:A:THR:HG23	1:96:A:VAL:HG23	3	0.23
(7,1233)	1:23:A:LEU:HD11	1:24:A:ASP:H	1	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1233)	1:23:A:LEU:HD12	1:24:A:ASP:H	1	0.23
(7,1233)	1:23:A:LEU:HD13	1:24:A:ASP:H	1	0.23
(7,1215)	1:39:A:VAL:H	1:139:A:LEU:HD21	5	0.23
(7,1215)	1:39:A:VAL:H	1:139:A:LEU:HD22	5	0.23
(7,1215)	1:39:A:VAL:H	1:139:A:LEU:HD23	5	0.23
(7,1110)	1:140:A:LEU:HA	1:144:A:LEU:HD11	8	0.23
(7,1110)	1:140:A:LEU:HA	1:144:A:LEU:HD12	8	0.23
(7,1110)	1:140:A:LEU:HA	1:144:A:LEU:HD13	8	0.23
(7,1092)	1:41:A:LYS:HA	1:44:A:GLU:HB2	16	0.23
(7,1092)	1:41:A:LYS:HA	1:44:A:GLU:HB3	16	0.23
(7,1070)	1:70:A:LYS:HA	1:70:A:LYS:HE2	9	0.23
(7,1070)	1:70:A:LYS:HA	1:70:A:LYS:HE3	9	0.23
(7,978)	1:35:A:LEU:HG	1:143:A:TRP:HB3	1	0.23
(7,805)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.23
(7,805)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.23
(7,805)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.23
(7,800)	1:98:A:ILE:HD11	1:100:A:ALA:H	9	0.23
(7,800)	1:98:A:ILE:HD12	1:100:A:ALA:H	9	0.23
(7,800)	1:98:A:ILE:HD13	1:100:A:ALA:H	9	0.23
(7,783)	1:63:A:ILE:HD11	1:117:A:VAL:HB	12	0.23
(7,783)	1:63:A:ILE:HD12	1:117:A:VAL:HB	12	0.23
(7,783)	1:63:A:ILE:HD13	1:117:A:VAL:HB	12	0.23
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD11	1	0.23
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD12	1	0.23
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD13	1	0.23
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD11	9	0.23
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD12	9	0.23
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD13	9	0.23
(7,762)	1:73:A:ILE:HD11	1:113:A:PHE:HA	8	0.23
(7,762)	1:73:A:ILE:HD12	1:113:A:PHE:HA	8	0.23
(7,762)	1:73:A:ILE:HD13	1:113:A:PHE:HA	8	0.23
(7,749)	1:141:A:LYS:H	1:143:A:TRP:HB2	18	0.23
(7,626)	1:57:A:LEU:H	1:58:A:ILE:HD11	4	0.23
(7,626)	1:57:A:LEU:H	1:58:A:ILE:HD12	4	0.23
(7,626)	1:57:A:LEU:H	1:58:A:ILE:HD13	4	0.23
(7,602)	1:55:A:GLY:H	1:58:A:ILE:HD11	12	0.23
(7,602)	1:55:A:GLY:H	1:58:A:ILE:HD12	12	0.23
(7,602)	1:55:A:GLY:H	1:58:A:ILE:HD13	12	0.23
(7,580)	1:50:A:ALA:HB1	1:126:A:GLY:H	17	0.23
(7,580)	1:50:A:ALA:HB2	1:126:A:GLY:H	17	0.23
(7,580)	1:50:A:ALA:HB3	1:126:A:GLY:H	17	0.23
(7,574)	1:11:A:ILE:HD11	1:16:A:SER:H	16	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,574)	1:11:A:ILE:HD12	1:16:A:SER:H	16	0.23
(7,574)	1:11:A:ILE:HD13	1:16:A:SER:H	16	0.23
(7,474)	1:48:A:ARG:HA	1:53:A:THR:H	14	0.23
(7,357)	1:23:A:LEU:HB2	1:26:A:ASP:H	12	0.23
(7,357)	1:23:A:LEU:HB3	1:26:A:ASP:H	12	0.23
(7,343)	1:122:A:ASP:HB3	1:123:A:CYS:H	5	0.23
(7,293)	1:120:A:CYS:H	1:121:A:VAL:H	10	0.23
(7,248)	1:58:A:ILE:H	1:58:A:ILE:HG13	10	0.23
(7,163)	1:94:A:ALA:HA	1:95:A:ILE:H	15	0.23
(7,151)	1:138:A:ASP:H	1:140:A:LEU:HB2	7	0.23
(7,62)	1:81:A:GLU:H	1:81:A:GLU:HG2	15	0.23
(7,62)	1:81:A:GLU:H	1:81:A:GLU:HG3	15	0.23
(7,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	10	0.23
(6,2362)	1:115:A:ALA:H	1:116:A:GLN:HE21	16	0.23
(6,2362)	1:115:A:ALA:H	1:116:A:GLN:HE22	16	0.23
(6,2269)	1:75:A:GLY:H	1:76:A:ARG:HB2	5	0.23
(6,2269)	1:75:A:GLY:H	1:76:A:ARG:HB3	5	0.23
(6,2244)	1:69:A:MET:H	1:69:A:MET:HG2	1	0.23
(6,2244)	1:69:A:MET:H	1:69:A:MET:HG3	1	0.23
(6,2210)	1:60:A:LEU:HD11	1:61:A:SER:HB2	1	0.23
(6,2210)	1:60:A:LEU:HD11	1:61:A:SER:HB3	1	0.23
(6,2210)	1:60:A:LEU:HD12	1:61:A:SER:HB2	1	0.23
(6,2210)	1:60:A:LEU:HD12	1:61:A:SER:HB3	1	0.23
(6,2210)	1:60:A:LEU:HD13	1:61:A:SER:HB2	1	0.23
(6,2210)	1:60:A:LEU:HD13	1:61:A:SER:HB3	1	0.23
(6,2182)	1:54:A:ARG:HB2	1:58:A:ILE:HD11	17	0.23
(6,2182)	1:54:A:ARG:HB2	1:58:A:ILE:HD12	17	0.23
(6,2182)	1:54:A:ARG:HB2	1:58:A:ILE:HD13	17	0.23
(6,2182)	1:54:A:ARG:HB3	1:58:A:ILE:HD11	17	0.23
(6,2182)	1:54:A:ARG:HB3	1:58:A:ILE:HD12	17	0.23
(6,2182)	1:54:A:ARG:HB3	1:58:A:ILE:HD13	17	0.23
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD11	2	0.23
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD12	2	0.23
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD13	2	0.23
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD21	2	0.23
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD22	2	0.23
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD23	2	0.23
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD11	4	0.23
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD12	4	0.23
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD13	4	0.23
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD21	4	0.23
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD22	4	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD23	4	0.23
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD11	13	0.23
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD12	13	0.23
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD13	13	0.23
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD21	13	0.23
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD22	13	0.23
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD23	13	0.23
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD11	19	0.23
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD12	19	0.23
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD13	19	0.23
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD21	19	0.23
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD22	19	0.23
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD23	19	0.23
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD11	8	0.23
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD12	8	0.23
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD13	8	0.23
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD21	8	0.23
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD22	8	0.23
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD23	8	0.23
(6,2033)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	6	0.23
(6,2033)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	6	0.23
(6,2033)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	6	0.23
(6,2033)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	6	0.23
(6,2033)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	6	0.23
(6,2033)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	6	0.23
(6,2033)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	6	0.23
(6,2033)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	6	0.23
(6,2033)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	6	0.23
(6,2033)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	6	0.23
(6,2033)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	6	0.23
(6,2033)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	6	0.23
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	5	0.23
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	5	0.23
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	5	0.23
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	5	0.23
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	5	0.23
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	5	0.23
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	5	0.23
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	5	0.23
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	5	0.23
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	5	0.23
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	5	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	5	0.23
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	5	0.23
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	5	0.23
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	5	0.23
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	5	0.23
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	5	0.23
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	5	0.23
(6,2003)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	4	0.23
(6,2003)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	4	0.23
(6,2003)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	4	0.23
(6,2003)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	4	0.23
(6,2003)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	4	0.23
(6,2003)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	4	0.23
(6,2003)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	4	0.23
(6,2003)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	4	0.23
(6,2003)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	4	0.23
(6,2003)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	4	0.23
(6,2003)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	4	0.23
(6,2003)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	4	0.23
(6,1912)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	19	0.23
(6,1912)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	19	0.23
(6,1912)	1:113:A:PHE:HE1	1:114:A:ILE:HG12	19	0.23
(6,1912)	1:113:A:PHE:HE2	1:114:A:ILE:HG12	19	0.23
(6,1911)	1:18:A:PHE:HA	1:113:A:PHE:HE1	9	0.23
(6,1911)	1:18:A:PHE:HA	1:113:A:PHE:HE2	9	0.23
(6,1853)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	9	0.23
(6,1853)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	9	0.23
(6,1780)	1:101:A:ILE:HG21	1:102:A:PRO:HA	16	0.23
(6,1780)	1:101:A:ILE:HG22	1:102:A:PRO:HA	16	0.23
(6,1780)	1:101:A:ILE:HG23	1:102:A:PRO:HA	16	0.23
(6,1771)	1:97:A:ASP:HA	1:105:A:LYS:HA	11	0.23
(6,1728)	1:68:A:LYS:HA	1:71:A:LYS:HB2	5	0.23
(6,1720)	1:14:A:VAL:H	1:79:A:THR:HG21	18	0.23
(6,1720)	1:14:A:VAL:H	1:79:A:THR:HG22	18	0.23
(6,1720)	1:14:A:VAL:H	1:79:A:THR:HG23	18	0.23
(6,1717)	1:66:A:THR:HG1	1:69:A:MET:HG3	17	0.23
(6,1704)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	17	0.23
(6,1704)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	17	0.23
(6,1674)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	1	0.23
(6,1674)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	1	0.23
(6,1656)	1:134:A:VAL:HG21	1:137:A:SER:H	2	0.23
(6,1656)	1:134:A:VAL:HG22	1:137:A:SER:H	2	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1656)	1:134:A:VAL:HG23	1:137:A:SER:H	2	0.23
(6,1563)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	9	0.23
(6,1563)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	9	0.23
(6,1563)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	9	0.23
(6,1563)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	9	0.23
(6,1563)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	9	0.23
(6,1563)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	9	0.23
(6,1563)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	9	0.23
(6,1563)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	9	0.23
(6,1563)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	9	0.23
(6,1545)	1:11:A:ILE:HD11	1:46:A:ASN:HB2	7	0.23
(6,1545)	1:11:A:ILE:HD12	1:46:A:ASN:HB2	7	0.23
(6,1545)	1:11:A:ILE:HD13	1:46:A:ASN:HB2	7	0.23
(6,1522)	1:110:A:MET:HE1	1:113:A:PHE:HA	7	0.23
(6,1522)	1:110:A:MET:HE2	1:113:A:PHE:HA	7	0.23
(6,1522)	1:110:A:MET:HE3	1:113:A:PHE:HA	7	0.23
(6,1318)	1:123:A:CYS:HB2	1:128:A:LEU:HD11	11	0.23
(6,1318)	1:123:A:CYS:HB2	1:128:A:LEU:HD12	11	0.23
(6,1318)	1:123:A:CYS:HB2	1:128:A:LEU:HD13	11	0.23
(6,1298)	1:66:A:THR:HG21	1:96:A:VAL:HG21	3	0.23
(6,1298)	1:66:A:THR:HG21	1:96:A:VAL:HG22	3	0.23
(6,1298)	1:66:A:THR:HG21	1:96:A:VAL:HG23	3	0.23
(6,1298)	1:66:A:THR:HG22	1:96:A:VAL:HG21	3	0.23
(6,1298)	1:66:A:THR:HG22	1:96:A:VAL:HG22	3	0.23
(6,1298)	1:66:A:THR:HG22	1:96:A:VAL:HG23	3	0.23
(6,1298)	1:66:A:THR:HG23	1:96:A:VAL:HG21	3	0.23
(6,1298)	1:66:A:THR:HG23	1:96:A:VAL:HG22	3	0.23
(6,1298)	1:66:A:THR:HG23	1:96:A:VAL:HG23	3	0.23
(6,1277)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	17	0.23
(6,1277)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	17	0.23
(6,1277)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	17	0.23
(6,1277)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	17	0.23
(6,1277)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	17	0.23
(6,1277)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	17	0.23
(6,1277)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	17	0.23
(6,1277)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	17	0.23
(6,1277)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	17	0.23
(6,1218)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	11	0.23
(6,1218)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	11	0.23
(6,1218)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	11	0.23
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD11	11	0.23
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD12	11	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1113)	1:11:A:ILE:HG13	1:60:A:LEU:HD13	11	0.23
(6,1073)	1:70:A:LYS:HA	1:70:A:LYS:HE2	9	0.23
(6,1073)	1:70:A:LYS:HA	1:70:A:LYS:HE3	9	0.23
(6,946)	1:66:A:THR:H	1:96:A:VAL:HB	2	0.23
(6,919)	1:81:A:GLU:HA	1:81:A:GLU:HG2	13	0.23
(6,919)	1:81:A:GLU:HA	1:81:A:GLU:HG3	13	0.23
(6,910)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	18	0.23
(6,910)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	18	0.23
(6,910)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	18	0.23
(6,869)	1:14:A:VAL:HA	1:18:A:PHE:HB2	9	0.23
(6,824)	1:114:A:ILE:HA	1:114:A:ILE:HD11	6	0.23
(6,824)	1:114:A:ILE:HA	1:114:A:ILE:HD12	6	0.23
(6,824)	1:114:A:ILE:HA	1:114:A:ILE:HD13	6	0.23
(6,814)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	5	0.23
(6,814)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	5	0.23
(6,814)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	5	0.23
(6,810)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.23
(6,810)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.23
(6,810)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.23
(6,809)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	2	0.23
(6,809)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	2	0.23
(6,809)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	2	0.23
(6,809)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	7	0.23
(6,809)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	7	0.23
(6,809)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	7	0.23
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	18	0.23
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	18	0.23
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	18	0.23
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	18	0.23
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	18	0.23
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	18	0.23
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	18	0.23
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	18	0.23
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	18	0.23
(6,804)	1:98:A:ILE:HD11	1:100:A:ALA:H	9	0.23
(6,804)	1:98:A:ILE:HD12	1:100:A:ALA:H	9	0.23
(6,804)	1:98:A:ILE:HD13	1:100:A:ALA:H	9	0.23
(6,788)	1:63:A:ILE:HD11	1:117:A:VAL:HB	10	0.23
(6,788)	1:63:A:ILE:HD12	1:117:A:VAL:HB	10	0.23
(6,788)	1:63:A:ILE:HD13	1:117:A:VAL:HB	10	0.23
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	5	0.23
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	5	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	5	0.23
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	5	0.23
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	5	0.23
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	5	0.23
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	17	0.23
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	17	0.23
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	17	0.23
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	17	0.23
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	17	0.23
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	17	0.23
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	17	0.23
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	17	0.23
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	17	0.23
(6,749)	1:141:A:LYS:H	1:143:A:TRP:HB2	18	0.23
(6,742)	1:147:A:ARG:HA	1:147:A:ARG:HE	14	0.23
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	14	0.23
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	14	0.23
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	14	0.23
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	14	0.23
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	14	0.23
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	14	0.23
(6,623)	1:57:A:LEU:H	1:58:A:ILE:HD11	4	0.23
(6,623)	1:57:A:LEU:H	1:58:A:ILE:HD12	4	0.23
(6,623)	1:57:A:LEU:H	1:58:A:ILE:HD13	4	0.23
(6,536)	1:60:A:LEU:HD21	1:61:A:SER:H	9	0.23
(6,536)	1:60:A:LEU:HD22	1:61:A:SER:H	9	0.23
(6,536)	1:60:A:LEU:HD23	1:61:A:SER:H	9	0.23
(6,536)	1:60:A:LEU:HD21	1:61:A:SER:H	17	0.23
(6,536)	1:60:A:LEU:HD22	1:61:A:SER:H	17	0.23
(6,536)	1:60:A:LEU:HD23	1:61:A:SER:H	17	0.23
(6,514)	1:19:A:ALA:HB1	1:21:A:THR:H	11	0.23
(6,514)	1:19:A:ALA:HB2	1:21:A:THR:H	11	0.23
(6,514)	1:19:A:ALA:HB3	1:21:A:THR:H	11	0.23
(6,468)	1:48:A:ARG:HA	1:53:A:THR:H	14	0.23
(6,430)	1:68:A:LYS:H	1:68:A:LYS:HE2	5	0.23
(6,430)	1:68:A:LYS:H	1:68:A:LYS:HE3	5	0.23
(6,366)	1:132:A:ALA:H	1:133:A:ASN:HD22	18	0.23
(6,314)	1:136:A:CYS:HA	1:140:A:LEU:H	13	0.23
(6,310)	1:43:A:MET:H	1:140:A:LEU:HD11	3	0.23
(6,310)	1:43:A:MET:H	1:140:A:LEU:HD12	3	0.23
(6,310)	1:43:A:MET:H	1:140:A:LEU:HD13	3	0.23
(6,291)	1:121:A:VAL:H	1:121:A:VAL:HB	11	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,176)	1:8:A:ASP:H	1:58:A:ILE:HD11	6	0.23
(6,176)	1:8:A:ASP:H	1:58:A:ILE:HD12	6	0.23
(6,176)	1:8:A:ASP:H	1:58:A:ILE:HD13	6	0.23
(6,60)	1:34:A:LYS:H	1:81:A:GLU:H	13	0.23
(6,38)	1:98:A:ILE:H	1:105:A:LYS:HA	1	0.23
(6,31)	1:95:A:ILE:HB	1:96:A:VAL:H	9	0.23
(6,15)	1:64:A:LYS:H	1:64:A:LYS:HD2	4	0.23
(6,15)	1:64:A:LYS:H	1:64:A:LYS:HD3	4	0.23
(6,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	10	0.23
(5,2268)	1:75:A:GLY:H	1:76:A:ARG:HB2	5	0.23
(5,2268)	1:75:A:GLY:H	1:76:A:ARG:HB3	5	0.23
(5,2214)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	12	0.23
(5,2214)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	12	0.23
(5,2214)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	12	0.23
(5,2214)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	12	0.23
(5,2214)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	12	0.23
(5,2214)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	12	0.23
(5,2202)	1:60:A:LEU:HD11	1:120:A:CYS:HA	7	0.23
(5,2202)	1:60:A:LEU:HD12	1:120:A:CYS:HA	7	0.23
(5,2202)	1:60:A:LEU:HD13	1:120:A:CYS:HA	7	0.23
(5,2202)	1:60:A:LEU:HD21	1:120:A:CYS:HA	7	0.23
(5,2202)	1:60:A:LEU:HD22	1:120:A:CYS:HA	7	0.23
(5,2202)	1:60:A:LEU:HD23	1:120:A:CYS:HA	7	0.23
(5,2202)	1:60:A:LEU:HD11	1:120:A:CYS:HA	15	0.23
(5,2202)	1:60:A:LEU:HD12	1:120:A:CYS:HA	15	0.23
(5,2202)	1:60:A:LEU:HD13	1:120:A:CYS:HA	15	0.23
(5,2202)	1:60:A:LEU:HD21	1:120:A:CYS:HA	15	0.23
(5,2202)	1:60:A:LEU:HD22	1:120:A:CYS:HA	15	0.23
(5,2202)	1:60:A:LEU:HD23	1:120:A:CYS:HA	15	0.23
(5,2137)	1:43:A:MET:H	1:140:A:LEU:HD11	9	0.23
(5,2137)	1:43:A:MET:H	1:140:A:LEU:HD12	9	0.23
(5,2137)	1:43:A:MET:H	1:140:A:LEU:HD13	9	0.23
(5,2137)	1:43:A:MET:H	1:140:A:LEU:HD21	9	0.23
(5,2137)	1:43:A:MET:H	1:140:A:LEU:HD22	9	0.23
(5,2137)	1:43:A:MET:H	1:140:A:LEU:HD23	9	0.23
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD11	11	0.23
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD12	11	0.23
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD13	11	0.23
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD21	11	0.23
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD22	11	0.23
(5,2095)	1:39:A:VAL:HB	1:144:A:LEU:HD23	11	0.23
(5,2036)	1:28:A:GLY:HA2	1:30:A:LEU:HD11	2	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2036)	1:28:A:GLY:HA2	1:30:A:LEU:HD12	2	0.23
(5,2036)	1:28:A:GLY:HA2	1:30:A:LEU:HD13	2	0.23
(5,2036)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	2	0.23
(5,2036)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	2	0.23
(5,2036)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	2	0.23
(5,2036)	1:28:A:GLY:HA3	1:30:A:LEU:HD11	2	0.23
(5,2036)	1:28:A:GLY:HA3	1:30:A:LEU:HD12	2	0.23
(5,2036)	1:28:A:GLY:HA3	1:30:A:LEU:HD13	2	0.23
(5,2036)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	2	0.23
(5,2036)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	2	0.23
(5,2036)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	2	0.23
(5,1996)	1:16:A:SER:H	1:17:A:ASN:HD21	7	0.23
(5,1996)	1:16:A:SER:H	1:17:A:ASN:HD22	7	0.23
(5,1946)	1:9:A:PHE:HD1	1:40:A:LEU:HD11	13	0.23
(5,1946)	1:9:A:PHE:HD1	1:40:A:LEU:HD12	13	0.23
(5,1946)	1:9:A:PHE:HD1	1:40:A:LEU:HD13	13	0.23
(5,1946)	1:9:A:PHE:HD1	1:40:A:LEU:HD21	13	0.23
(5,1946)	1:9:A:PHE:HD1	1:40:A:LEU:HD22	13	0.23
(5,1946)	1:9:A:PHE:HD1	1:40:A:LEU:HD23	13	0.23
(5,1946)	1:9:A:PHE:HD2	1:40:A:LEU:HD11	13	0.23
(5,1946)	1:9:A:PHE:HD2	1:40:A:LEU:HD12	13	0.23
(5,1946)	1:9:A:PHE:HD2	1:40:A:LEU:HD13	13	0.23
(5,1946)	1:9:A:PHE:HD2	1:40:A:LEU:HD21	13	0.23
(5,1946)	1:9:A:PHE:HD2	1:40:A:LEU:HD22	13	0.23
(5,1946)	1:9:A:PHE:HD2	1:40:A:LEU:HD23	13	0.23
(5,1933)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	5	0.23
(5,1933)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	5	0.23
(5,1933)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	5	0.23
(5,1933)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	5	0.23
(5,1933)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	5	0.23
(5,1933)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	5	0.23
(5,1880)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	9	0.23
(5,1880)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	9	0.23
(5,1799)	1:101:A:ILE:HG21	1:102:A:PRO:HA	16	0.23
(5,1799)	1:101:A:ILE:HG22	1:102:A:PRO:HA	16	0.23
(5,1799)	1:101:A:ILE:HG23	1:102:A:PRO:HA	16	0.23
(5,1753)	1:68:A:LYS:HA	1:71:A:LYS:HB2	5	0.23
(5,1738)	1:66:A:THR:HG1	1:69:A:MET:HG3	17	0.23
(5,1708)	1:72:A:PHE:HB2	1:109:A:PRO:HA	11	0.23
(5,1693)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	1	0.23
(5,1693)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	1	0.23
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	13	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1686)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	13	0.23
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	13	0.23
(5,1686)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	13	0.23
(5,1660)	1:134:A:VAL:HG21	1:137:A:SER:H	2	0.23
(5,1660)	1:134:A:VAL:HG22	1:137:A:SER:H	2	0.23
(5,1660)	1:134:A:VAL:HG23	1:137:A:SER:H	2	0.23
(5,1553)	1:76:A:ARG:HE	1:110:A:MET:HE1	7	0.23
(5,1553)	1:76:A:ARG:HE	1:110:A:MET:HE2	7	0.23
(5,1553)	1:76:A:ARG:HE	1:110:A:MET:HE3	7	0.23
(5,1523)	1:12:A:VAL:HA	1:43:A:MET:HE1	15	0.23
(5,1523)	1:12:A:VAL:HA	1:43:A:MET:HE2	15	0.23
(5,1523)	1:12:A:VAL:HA	1:43:A:MET:HE3	15	0.23
(5,1492)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	11	0.23
(5,1492)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	11	0.23
(5,1492)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	11	0.23
(5,1492)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	11	0.23
(5,1492)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	11	0.23
(5,1492)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	11	0.23
(5,1492)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	14	0.23
(5,1492)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	14	0.23
(5,1492)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	14	0.23
(5,1492)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	14	0.23
(5,1492)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	14	0.23
(5,1492)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	14	0.23
(5,1489)	1:67:A:PRO:HD3	1:95:A:ILE:HA	1	0.23
(5,1464)	1:50:A:ALA:HB1	1:130:A:GLY:H	1	0.23
(5,1464)	1:50:A:ALA:HB2	1:130:A:GLY:H	1	0.23
(5,1464)	1:50:A:ALA:HB3	1:130:A:GLY:H	1	0.23
(5,1464)	1:50:A:ALA:HB1	1:130:A:GLY:H	8	0.23
(5,1464)	1:50:A:ALA:HB2	1:130:A:GLY:H	8	0.23
(5,1464)	1:50:A:ALA:HB3	1:130:A:GLY:H	8	0.23
(5,1419)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	17	0.23
(5,1419)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	17	0.23
(5,1419)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	17	0.23
(5,1371)	1:24:A:ASP:HB2	1:25:A:ALA:HA	2	0.23
(5,1371)	1:24:A:ASP:HB3	1:25:A:ALA:HA	2	0.23
(5,1371)	1:24:A:ASP:HB2	1:25:A:ALA:HA	19	0.23
(5,1371)	1:24:A:ASP:HB3	1:25:A:ALA:HA	19	0.23
(5,1358)	1:103:A:ARG:HG2	1:106:A:ASP:HA	3	0.23
(5,1358)	1:103:A:ARG:HG3	1:106:A:ASP:HA	3	0.23
(5,1330)	1:66:A:THR:HG21	1:96:A:VAL:HG21	3	0.23
(5,1330)	1:66:A:THR:HG21	1:96:A:VAL:HG22	3	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1330)	1:66:A:THR:HG21	1:96:A:VAL:HG23	3	0.23
(5,1330)	1:66:A:THR:HG22	1:96:A:VAL:HG21	3	0.23
(5,1330)	1:66:A:THR:HG22	1:96:A:VAL:HG22	3	0.23
(5,1330)	1:66:A:THR:HG22	1:96:A:VAL:HG23	3	0.23
(5,1330)	1:66:A:THR:HG23	1:96:A:VAL:HG21	3	0.23
(5,1330)	1:66:A:THR:HG23	1:96:A:VAL:HG22	3	0.23
(5,1330)	1:66:A:THR:HG23	1:96:A:VAL:HG23	3	0.23
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG21	7	0.23
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG22	7	0.23
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG23	7	0.23
(5,1292)	1:45:A:ALA:HA	1:48:A:ARG:HG2	7	0.23
(5,1292)	1:45:A:ALA:HA	1:48:A:ARG:HG3	7	0.23
(5,1290)	1:44:A:GLU:HB2	1:45:A:ALA:HA	12	0.23
(5,1290)	1:44:A:GLU:HB3	1:45:A:ALA:HA	12	0.23
(5,1290)	1:44:A:GLU:HB2	1:45:A:ALA:HA	14	0.23
(5,1290)	1:44:A:GLU:HB3	1:45:A:ALA:HA	14	0.23
(5,1286)	1:28:A:GLY:HA2	1:30:A:LEU:HD11	3	0.23
(5,1286)	1:28:A:GLY:HA2	1:30:A:LEU:HD12	3	0.23
(5,1286)	1:28:A:GLY:HA2	1:30:A:LEU:HD13	3	0.23
(5,1286)	1:28:A:GLY:HA3	1:30:A:LEU:HD11	3	0.23
(5,1286)	1:28:A:GLY:HA3	1:30:A:LEU:HD12	3	0.23
(5,1286)	1:28:A:GLY:HA3	1:30:A:LEU:HD13	3	0.23
(5,1109)	1:41:A:LYS:HG3	1:42:A:GLU:HA	9	0.23
(5,953)	1:40:A:LEU:HA	1:43:A:MET:HG2	11	0.23
(5,928)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	13	0.23
(5,928)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	13	0.23
(5,917)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	19	0.23
(5,917)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	19	0.23
(5,917)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	19	0.23
(5,867)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	3	0.23
(5,867)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	3	0.23
(5,867)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	5	0.23
(5,867)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	5	0.23
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	11	0.23
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	11	0.23
(5,820)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	11	0.23
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	11	0.23
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	11	0.23
(5,820)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	11	0.23
(5,815)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.23
(5,815)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.23
(5,815)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,814)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	13	0.23
(5,814)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	13	0.23
(5,814)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	13	0.23
(5,809)	1:98:A:ILE:HD11	1:100:A:ALA:H	9	0.23
(5,809)	1:98:A:ILE:HD12	1:100:A:ALA:H	9	0.23
(5,809)	1:98:A:ILE:HD13	1:100:A:ALA:H	9	0.23
(5,783)	1:60:A:LEU:H	1:63:A:ILE:HD11	17	0.23
(5,783)	1:60:A:LEU:H	1:63:A:ILE:HD12	17	0.23
(5,783)	1:60:A:LEU:H	1:63:A:ILE:HD13	17	0.23
(5,747)	1:147:A:ARG:HA	1:147:A:ARG:HE	18	0.23
(5,706)	1:27:A:ARG:HB3	1:27:A:ARG:HE	12	0.23
(5,706)	1:27:A:ARG:HB2	1:27:A:ARG:HE	12	0.23
(5,640)	1:66:A:THR:H	1:68:A:LYS:H	15	0.23
(5,630)	1:9:A:PHE:HE1	1:15:A:ALA:H	17	0.23
(5,630)	1:9:A:PHE:HE2	1:15:A:ALA:H	17	0.23
(5,627)	1:57:A:LEU:H	1:58:A:ILE:HD11	4	0.23
(5,627)	1:57:A:LEU:H	1:58:A:ILE:HD12	4	0.23
(5,627)	1:57:A:LEU:H	1:58:A:ILE:HD13	4	0.23
(5,597)	1:54:A:ARG:HB2	1:55:A:GLY:H	13	0.23
(5,507)	1:19:A:ALA:HB1	1:21:A:THR:H	11	0.23
(5,507)	1:19:A:ALA:HB2	1:21:A:THR:H	11	0.23
(5,507)	1:19:A:ALA:HB3	1:21:A:THR:H	11	0.23
(5,503)	1:105:A:LYS:H	1:106:A:ASP:HB3	8	0.23
(5,463)	1:48:A:ARG:HA	1:53:A:THR:H	14	0.23
(5,420)	1:39:A:VAL:HG21	1:143:A:TRP:H	4	0.23
(5,420)	1:39:A:VAL:HG22	1:143:A:TRP:H	4	0.23
(5,420)	1:39:A:VAL:HG23	1:143:A:TRP:H	4	0.23
(5,362)	1:132:A:ALA:H	1:133:A:ASN:HD22	18	0.23
(5,329)	1:57:A:LEU:H	1:58:A:ILE:HB	5	0.23
(5,310)	1:136:A:CYS:HA	1:140:A:LEU:H	13	0.23
(5,291)	1:121:A:VAL:H	1:121:A:VAL:HB	11	0.23
(5,249)	1:27:A:ARG:HA	1:29:A:LYS:H	16	0.23
(5,158)	1:94:A:ALA:HA	1:95:A:ILE:H	15	0.23
(5,110)	1:80:A:TYR:H	1:81:A:GLU:HG2	16	0.23
(5,110)	1:80:A:TYR:H	1:81:A:GLU:HG3	16	0.23
(5,80)	1:30:A:LEU:H	1:30:A:LEU:HB2	7	0.23
(5,80)	1:30:A:LEU:H	1:30:A:LEU:HB3	7	0.23
(5,60)	1:81:A:GLU:H	1:81:A:GLU:HG2	15	0.23
(5,60)	1:81:A:GLU:H	1:81:A:GLU:HG3	15	0.23
(5,34)	1:95:A:ILE:HB	1:96:A:VAL:H	9	0.23
(5,15)	1:64:A:LYS:H	1:64:A:LYS:HD2	4	0.23
(5,15)	1:64:A:LYS:H	1:64:A:LYS:HD3	4	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	14	0.23
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	14	0.23
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	14	0.23
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	14	0.23
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	14	0.23
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	14	0.23
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	14	0.23
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	14	0.23
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	14	0.23
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	14	0.23
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	14	0.23
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	14	0.23
(4,2236)	1:69:A:MET:HG2	1:73:A:ILE:H	10	0.23
(4,2236)	1:69:A:MET:HG3	1:73:A:ILE:H	10	0.23
(4,2123)	1:40:A:LEU:HD11	1:43:A:MET:H	3	0.23
(4,2123)	1:40:A:LEU:HD12	1:43:A:MET:H	3	0.23
(4,2123)	1:40:A:LEU:HD13	1:43:A:MET:H	3	0.23
(4,2123)	1:40:A:LEU:HD21	1:43:A:MET:H	3	0.23
(4,2123)	1:40:A:LEU:HD22	1:43:A:MET:H	3	0.23
(4,2123)	1:40:A:LEU:HD23	1:43:A:MET:H	3	0.23
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD11	17	0.23
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD12	17	0.23
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD13	17	0.23
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD21	17	0.23
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD22	17	0.23
(4,2028)	1:21:A:THR:HB	1:23:A:LEU:HD23	17	0.23
(4,1957)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	7	0.23
(4,1957)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	7	0.23
(4,1957)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	7	0.23
(4,1957)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	7	0.23
(4,1957)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	7	0.23
(4,1957)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	7	0.23
(4,1957)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	7	0.23
(4,1957)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	7	0.23
(4,1957)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	7	0.23
(4,1957)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	7	0.23
(4,1957)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	7	0.23
(4,1957)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	7	0.23
(4,1957)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	7	0.23
(4,1957)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	7	0.23
(4,1957)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	7	0.23
(4,1957)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	7	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1957)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	7	0.23
(4,1957)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	7	0.23
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD11	7	0.23
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD12	7	0.23
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD13	7	0.23
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD21	7	0.23
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD22	7	0.23
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD23	7	0.23
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	7	0.23
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	7	0.23
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	7	0.23
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD21	7	0.23
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD22	7	0.23
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD23	7	0.23
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	14	0.23
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	14	0.23
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	14	0.23
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	14	0.23
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	14	0.23
(4,1925)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	14	0.23
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	14	0.23
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	14	0.23
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	14	0.23
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	14	0.23
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	14	0.23
(4,1925)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	14	0.23
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	6	0.23
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	6	0.23
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	6	0.23
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD21	6	0.23
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD22	6	0.23
(4,1913)	1:9:A:PHE:HZ	1:40:A:LEU:HD23	6	0.23
(4,1904)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	15	0.23
(4,1904)	1:9:A:PHE:HD1	1:11:A:ILE:HG13	15	0.23
(4,1904)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	15	0.23
(4,1904)	1:9:A:PHE:HD2	1:11:A:ILE:HG13	15	0.23
(4,1880)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	11	0.23
(4,1880)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	11	0.23
(4,1880)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	11	0.23
(4,1880)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	11	0.23
(4,1880)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	11	0.23
(4,1880)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	11	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1868)	1:18:A:PHE:HE1	1:117:A:VAL:HA	7	0.23
(4,1868)	1:18:A:PHE:HE2	1:117:A:VAL:HA	7	0.23
(4,1804)	1:9:A:PHE:HZ	1:54:A:ARG:HA	12	0.23
(4,1754)	1:101:A:ILE:HG21	1:102:A:PRO:HA	16	0.23
(4,1754)	1:101:A:ILE:HG22	1:102:A:PRO:HA	16	0.23
(4,1754)	1:101:A:ILE:HG23	1:102:A:PRO:HA	16	0.23
(4,1738)	1:145:A:PRO:HB2	1:146:A:GLN:HA	12	0.23
(4,1707)	1:68:A:LYS:HA	1:71:A:LYS:HB2	5	0.23
(4,1698)	1:14:A:VAL:H	1:79:A:THR:HG21	18	0.23
(4,1698)	1:14:A:VAL:H	1:79:A:THR:HG22	18	0.23
(4,1698)	1:14:A:VAL:H	1:79:A:THR:HG23	18	0.23
(4,1694)	1:66:A:THR:HG1	1:69:A:MET:HG3	17	0.23
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD11	11	0.23
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD12	11	0.23
(4,1673)	1:57:A:LEU:HB3	1:58:A:ILE:HD13	11	0.23
(4,1650)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	1	0.23
(4,1650)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	1	0.23
(4,1596)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	8	0.23
(4,1596)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	8	0.23
(4,1596)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	8	0.23
(4,1596)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	8	0.23
(4,1596)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	8	0.23
(4,1596)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	8	0.23
(4,1525)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	7	0.23
(4,1525)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	7	0.23
(4,1525)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	7	0.23
(4,1525)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	7	0.23
(4,1525)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	7	0.23
(4,1525)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	7	0.23
(4,1507)	1:110:A:MET:HE1	1:113:A:PHE:HA	7	0.23
(4,1507)	1:110:A:MET:HE2	1:113:A:PHE:HA	7	0.23
(4,1507)	1:110:A:MET:HE3	1:113:A:PHE:HA	7	0.23
(4,1487)	1:12:A:VAL:HA	1:43:A:MET:HE1	15	0.23
(4,1487)	1:12:A:VAL:HA	1:43:A:MET:HE2	15	0.23
(4,1487)	1:12:A:VAL:HA	1:43:A:MET:HE3	15	0.23
(4,1478)	1:114:A:ILE:HG21	1:117:A:VAL:HB	19	0.23
(4,1478)	1:114:A:ILE:HG22	1:117:A:VAL:HB	19	0.23
(4,1478)	1:114:A:ILE:HG23	1:117:A:VAL:HB	19	0.23
(4,1460)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	18	0.23
(4,1460)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	18	0.23
(4,1460)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	18	0.23
(4,1460)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	18	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1460)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	18	0.23
(4,1460)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	18	0.23
(4,1441)	1:13:A:ALA:HB1	1:79:A:THR:HB	16	0.23
(4,1441)	1:13:A:ALA:HB2	1:79:A:THR:HB	16	0.23
(4,1441)	1:13:A:ALA:HB3	1:79:A:THR:HB	16	0.23
(4,1428)	1:50:A:ALA:HB1	1:130:A:GLY:H	1	0.23
(4,1428)	1:50:A:ALA:HB2	1:130:A:GLY:H	1	0.23
(4,1428)	1:50:A:ALA:HB3	1:130:A:GLY:H	1	0.23
(4,1428)	1:50:A:ALA:HB1	1:130:A:GLY:H	8	0.23
(4,1428)	1:50:A:ALA:HB2	1:130:A:GLY:H	8	0.23
(4,1428)	1:50:A:ALA:HB3	1:130:A:GLY:H	8	0.23
(4,1321)	1:103:A:ARG:HG2	1:106:A:ASP:HA	3	0.23
(4,1321)	1:103:A:ARG:HG3	1:106:A:ASP:HA	3	0.23
(4,1291)	1:66:A:THR:HG21	1:96:A:VAL:HG21	3	0.23
(4,1291)	1:66:A:THR:HG21	1:96:A:VAL:HG22	3	0.23
(4,1291)	1:66:A:THR:HG21	1:96:A:VAL:HG23	3	0.23
(4,1291)	1:66:A:THR:HG22	1:96:A:VAL:HG21	3	0.23
(4,1291)	1:66:A:THR:HG22	1:96:A:VAL:HG22	3	0.23
(4,1291)	1:66:A:THR:HG22	1:96:A:VAL:HG23	3	0.23
(4,1291)	1:66:A:THR:HG23	1:96:A:VAL:HG21	3	0.23
(4,1291)	1:66:A:THR:HG23	1:96:A:VAL:HG22	3	0.23
(4,1291)	1:66:A:THR:HG23	1:96:A:VAL:HG23	3	0.23
(4,1203)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	11	0.23
(4,1203)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	11	0.23
(4,1203)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	11	0.23
(4,1117)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	16	0.23
(4,1117)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	16	0.23
(4,1117)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	16	0.23
(4,1117)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	16	0.23
(4,1117)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	16	0.23
(4,1117)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	16	0.23
(4,1093)	1:41:A:LYS:HA	1:44:A:GLU:HB2	1	0.23
(4,1093)	1:41:A:LYS:HA	1:44:A:GLU:HB3	1	0.23
(4,1064)	1:45:A:ALA:HA	1:48:A:ARG:HG2	11	0.23
(4,1064)	1:45:A:ALA:HA	1:48:A:ARG:HG3	11	0.23
(4,913)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	18	0.23
(4,913)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	18	0.23
(4,913)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	18	0.23
(4,836)	1:48:A:ARG:H	1:48:A:ARG:HD2	6	0.23
(4,836)	1:48:A:ARG:H	1:48:A:ARG:HD3	6	0.23
(4,811)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.23
(4,811)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,811)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.23
(4,810)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	2	0.23
(4,810)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	2	0.23
(4,810)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	2	0.23
(4,810)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	7	0.23
(4,810)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	7	0.23
(4,810)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	7	0.23
(4,788)	1:63:A:ILE:HD11	1:117:A:VAL:HB	4	0.23
(4,788)	1:63:A:ILE:HD12	1:117:A:VAL:HB	4	0.23
(4,788)	1:63:A:ILE:HD13	1:117:A:VAL:HB	4	0.23
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	17	0.23
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	17	0.23
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	17	0.23
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	17	0.23
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	17	0.23
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	17	0.23
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	17	0.23
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	17	0.23
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	17	0.23
(4,739)	1:147:A:ARG:HA	1:147:A:ARG:HE	14	0.23
(4,700)	1:23:A:LEU:HD11	1:27:A:ARG:HE	10	0.23
(4,700)	1:23:A:LEU:HD12	1:27:A:ARG:HE	10	0.23
(4,700)	1:23:A:LEU:HD13	1:27:A:ARG:HE	10	0.23
(4,596)	1:55:A:GLY:H	1:58:A:ILE:HD11	12	0.23
(4,596)	1:55:A:GLY:H	1:58:A:ILE:HD12	12	0.23
(4,596)	1:55:A:GLY:H	1:58:A:ILE:HD13	12	0.23
(4,463)	1:48:A:ARG:HA	1:53:A:THR:H	14	0.23
(4,358)	1:132:A:ALA:H	1:133:A:ASN:HD22	18	0.23
(4,352)	1:70:A:LYS:H	1:70:A:LYS:HE2	15	0.23
(4,352)	1:70:A:LYS:H	1:70:A:LYS:HE3	15	0.23
(4,337)	1:123:A:CYS:H	1:128:A:LEU:HD11	6	0.23
(4,337)	1:123:A:CYS:H	1:128:A:LEU:HD12	6	0.23
(4,337)	1:123:A:CYS:H	1:128:A:LEU:HD13	6	0.23
(4,337)	1:123:A:CYS:H	1:128:A:LEU:HD21	6	0.23
(4,337)	1:123:A:CYS:H	1:128:A:LEU:HD22	6	0.23
(4,337)	1:123:A:CYS:H	1:128:A:LEU:HD23	6	0.23
(4,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	2	0.23
(4,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	2	0.23
(4,310)	1:136:A:CYS:HA	1:140:A:LEU:H	13	0.23
(4,291)	1:121:A:VAL:H	1:121:A:VAL:HB	11	0.23
(4,287)	1:120:A:CYS:H	1:121:A:VAL:H	10	0.23
(4,260)	1:39:A:VAL:H	1:40:A:LEU:HB2	17	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,174)	1:8:A:ASP:H	1:58:A:ILE:HD11	6	0.23
(4,174)	1:8:A:ASP:H	1:58:A:ILE:HD12	6	0.23
(4,174)	1:8:A:ASP:H	1:58:A:ILE:HD13	6	0.23
(4,159)	1:94:A:ALA:HA	1:95:A:ILE:H	15	0.23
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB2	5	0.23
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB3	5	0.23
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB2	7	0.23
(4,152)	1:127:A:CYS:H	1:129:A:LYS:HB3	7	0.23
(4,123)	1:79:A:THR:HB	1:80:A:TYR:H	8	0.23
(4,85)	1:30:A:LEU:H	1:30:A:LEU:HB2	7	0.23
(4,85)	1:30:A:LEU:H	1:30:A:LEU:HB3	7	0.23
(3,2454)	1:132:A:ALA:HA	1:133:A:ASN:HB2	7	0.23
(3,2454)	1:132:A:ALA:HA	1:133:A:ASN:HB3	7	0.23
(3,2420)	1:123:A:CYS:H	1:128:A:LEU:HD11	19	0.23
(3,2420)	1:123:A:CYS:H	1:128:A:LEU:HD12	19	0.23
(3,2420)	1:123:A:CYS:H	1:128:A:LEU:HD13	19	0.23
(3,2420)	1:123:A:CYS:H	1:128:A:LEU:HD21	19	0.23
(3,2420)	1:123:A:CYS:H	1:128:A:LEU:HD22	19	0.23
(3,2420)	1:123:A:CYS:H	1:128:A:LEU:HD23	19	0.23
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE1	4	0.23
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE2	4	0.23
(3,2300)	1:76:A:ARG:HD2	1:110:A:MET:HE3	4	0.23
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE1	4	0.23
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE2	4	0.23
(3,2300)	1:76:A:ARG:HD3	1:110:A:MET:HE3	4	0.23
(3,2294)	1:75:A:GLY:H	1:76:A:ARG:HB2	5	0.23
(3,2294)	1:75:A:GLY:H	1:76:A:ARG:HB3	5	0.23
(3,2264)	1:69:A:MET:HG2	1:70:A:LYS:HG2	2	0.23
(3,2264)	1:69:A:MET:HG2	1:70:A:LYS:HG3	2	0.23
(3,2264)	1:69:A:MET:HG3	1:70:A:LYS:HG2	2	0.23
(3,2264)	1:69:A:MET:HG3	1:70:A:LYS:HG3	2	0.23
(3,2250)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.23
(3,2250)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.23
(3,2250)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.23
(3,2250)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.23
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD11	11	0.23
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD12	11	0.23
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD13	11	0.23
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD21	11	0.23
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD22	11	0.23
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD23	11	0.23
(3,2119)	1:38:A:GLU:H	1:139:A:LEU:HD11	12	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2119)	1:38:A:GLU:H	1:139:A:LEU:HD12	12	0.23
(3,2119)	1:38:A:GLU:H	1:139:A:LEU:HD13	12	0.23
(3,2119)	1:38:A:GLU:H	1:139:A:LEU:HD21	12	0.23
(3,2119)	1:38:A:GLU:H	1:139:A:LEU:HD22	12	0.23
(3,2119)	1:38:A:GLU:H	1:139:A:LEU:HD23	12	0.23
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG11	2	0.23
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG12	2	0.23
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG13	2	0.23
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG21	2	0.23
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG22	2	0.23
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG23	2	0.23
(3,2110)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	7	0.23
(3,2110)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	7	0.23
(3,2110)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	7	0.23
(3,2110)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	7	0.23
(3,2110)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	7	0.23
(3,2110)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	7	0.23
(3,2110)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	14	0.23
(3,2110)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	14	0.23
(3,2110)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	14	0.23
(3,2110)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	14	0.23
(3,2110)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	14	0.23
(3,2110)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	14	0.23
(3,2064)	1:23:A:LEU:HD11	1:24:A:ASP:H	12	0.23
(3,2064)	1:23:A:LEU:HD12	1:24:A:ASP:H	12	0.23
(3,2064)	1:23:A:LEU:HD13	1:24:A:ASP:H	12	0.23
(3,2064)	1:23:A:LEU:HD21	1:24:A:ASP:H	12	0.23
(3,2064)	1:23:A:LEU:HD22	1:24:A:ASP:H	12	0.23
(3,2064)	1:23:A:LEU:HD23	1:24:A:ASP:H	12	0.23
(3,2032)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	16	0.23
(3,2032)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	16	0.23
(3,2032)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	16	0.23
(3,2032)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	16	0.23
(3,2032)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	16	0.23
(3,2032)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	16	0.23
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	13	0.23
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	13	0.23
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	13	0.23
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	13	0.23
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	13	0.23
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	13	0.23
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	13	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	13	0.23
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	13	0.23
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	13	0.23
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	13	0.23
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	13	0.23
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	13	0.23
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	13	0.23
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	13	0.23
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	13	0.23
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	13	0.23
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	13	0.23
(3,1904)	1:14:A:VAL:HA	1:18:A:PHE:HD1	3	0.23
(3,1904)	1:14:A:VAL:HA	1:18:A:PHE:HD2	3	0.23
(3,1881)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	9	0.23
(3,1881)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	9	0.23
(3,1867)	1:61:A:SER:H	1:62:A:HIS:HD2	10	0.23
(3,1803)	1:101:A:ILE:HG21	1:102:A:PRO:HA	16	0.23
(3,1803)	1:101:A:ILE:HG22	1:102:A:PRO:HA	16	0.23
(3,1803)	1:101:A:ILE:HG23	1:102:A:PRO:HA	16	0.23
(3,1798)	1:97:A:ASP:HA	1:105:A:LYS:HA	11	0.23
(3,1759)	1:21:A:THR:HG21	1:23:A:LEU:HD21	10	0.23
(3,1759)	1:21:A:THR:HG21	1:23:A:LEU:HD22	10	0.23
(3,1759)	1:21:A:THR:HG21	1:23:A:LEU:HD23	10	0.23
(3,1759)	1:21:A:THR:HG22	1:23:A:LEU:HD21	10	0.23
(3,1759)	1:21:A:THR:HG22	1:23:A:LEU:HD22	10	0.23
(3,1759)	1:21:A:THR:HG22	1:23:A:LEU:HD23	10	0.23
(3,1759)	1:21:A:THR:HG23	1:23:A:LEU:HD21	10	0.23
(3,1759)	1:21:A:THR:HG23	1:23:A:LEU:HD22	10	0.23
(3,1759)	1:21:A:THR:HG23	1:23:A:LEU:HD23	10	0.23
(3,1753)	1:19:A:ALA:HB1	1:20:A:THR:HG21	3	0.23
(3,1753)	1:19:A:ALA:HB1	1:20:A:THR:HG22	3	0.23
(3,1753)	1:19:A:ALA:HB1	1:20:A:THR:HG23	3	0.23
(3,1753)	1:19:A:ALA:HB2	1:20:A:THR:HG21	3	0.23
(3,1753)	1:19:A:ALA:HB2	1:20:A:THR:HG22	3	0.23
(3,1753)	1:19:A:ALA:HB2	1:20:A:THR:HG23	3	0.23
(3,1753)	1:19:A:ALA:HB3	1:20:A:THR:HG21	3	0.23
(3,1753)	1:19:A:ALA:HB3	1:20:A:THR:HG22	3	0.23
(3,1753)	1:19:A:ALA:HB3	1:20:A:THR:HG23	3	0.23
(3,1751)	1:14:A:VAL:H	1:79:A:THR:HG21	18	0.23
(3,1751)	1:14:A:VAL:H	1:79:A:THR:HG22	18	0.23
(3,1751)	1:14:A:VAL:H	1:79:A:THR:HG23	18	0.23
(3,1747)	1:66:A:THR:HG1	1:69:A:MET:HG3	17	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1715)	1:72:A:PHE:HB2	1:109:A:PRO:HA	11	0.23
(3,1598)	1:11:A:ILE:HD11	1:43:A:MET:H	17	0.23
(3,1598)	1:11:A:ILE:HD12	1:43:A:MET:H	17	0.23
(3,1598)	1:11:A:ILE:HD13	1:43:A:MET:H	17	0.23
(3,1563)	1:76:A:ARG:HE	1:110:A:MET:HE1	7	0.23
(3,1563)	1:76:A:ARG:HE	1:110:A:MET:HE2	7	0.23
(3,1563)	1:76:A:ARG:HE	1:110:A:MET:HE3	7	0.23
(3,1534)	1:98:A:ILE:HG21	1:119:A:LEU:HG	3	0.23
(3,1534)	1:98:A:ILE:HG22	1:119:A:LEU:HG	3	0.23
(3,1534)	1:98:A:ILE:HG23	1:119:A:LEU:HG	3	0.23
(3,1529)	1:12:A:VAL:HA	1:43:A:MET:HE1	15	0.23
(3,1529)	1:12:A:VAL:HA	1:43:A:MET:HE2	15	0.23
(3,1529)	1:12:A:VAL:HA	1:43:A:MET:HE3	15	0.23
(3,1419)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	12	0.23
(3,1419)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	12	0.23
(3,1419)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	12	0.23
(3,1419)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	12	0.23
(3,1419)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	12	0.23
(3,1419)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	12	0.23
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD11	13	0.23
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD12	13	0.23
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD13	13	0.23
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD11	13	0.23
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD12	13	0.23
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD13	13	0.23
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD11	13	0.23
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD12	13	0.23
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD13	13	0.23
(3,1380)	1:24:A:ASP:HB2	1:25:A:ALA:HA	2	0.23
(3,1380)	1:24:A:ASP:HB3	1:25:A:ALA:HA	2	0.23
(3,1380)	1:24:A:ASP:HB2	1:25:A:ALA:HA	19	0.23
(3,1380)	1:24:A:ASP:HB3	1:25:A:ALA:HA	19	0.23
(3,1335)	1:66:A:THR:HG21	1:96:A:VAL:HG21	3	0.23
(3,1335)	1:66:A:THR:HG21	1:96:A:VAL:HG22	3	0.23
(3,1335)	1:66:A:THR:HG21	1:96:A:VAL:HG23	3	0.23
(3,1335)	1:66:A:THR:HG22	1:96:A:VAL:HG21	3	0.23
(3,1335)	1:66:A:THR:HG22	1:96:A:VAL:HG22	3	0.23
(3,1335)	1:66:A:THR:HG22	1:96:A:VAL:HG23	3	0.23
(3,1335)	1:66:A:THR:HG23	1:96:A:VAL:HG21	3	0.23
(3,1335)	1:66:A:THR:HG23	1:96:A:VAL:HG22	3	0.23
(3,1335)	1:66:A:THR:HG23	1:96:A:VAL:HG23	3	0.23
(3,1284)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	5	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1284)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	5	0.23
(3,1284)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	5	0.23
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD21	16	0.23
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD22	16	0.23
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD23	16	0.23
(3,1260)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	3	0.23
(3,1260)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	3	0.23
(3,1260)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	3	0.23
(3,1173)	1:116:A:GLN:HA	1:119:A:LEU:HG	1	0.23
(3,1107)	1:70:A:LYS:HA	1:70:A:LYS:HE2	9	0.23
(3,1107)	1:70:A:LYS:HA	1:70:A:LYS:HE3	9	0.23
(3,1103)	1:45:A:ALA:HA	1:48:A:ARG:HG2	4	0.23
(3,1103)	1:45:A:ALA:HA	1:48:A:ARG:HG3	4	0.23
(3,983)	1:11:A:ILE:HG12	1:14:A:VAL:HB	17	0.23
(3,980)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	19	0.23
(3,980)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	19	0.23
(3,960)	1:67:A:PRO:HA	1:70:A:LYS:HB2	14	0.23
(3,960)	1:67:A:PRO:HA	1:70:A:LYS:HB3	14	0.23
(3,935)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	10	0.23
(3,935)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	10	0.23
(3,935)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	10	0.23
(3,851)	1:45:A:ALA:HA	1:48:A:ARG:HD2	4	0.23
(3,851)	1:45:A:ALA:HA	1:48:A:ARG:HD3	4	0.23
(3,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	6	0.23
(3,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	6	0.23
(3,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	6	0.23
(3,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	6	0.23
(3,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	6	0.23
(3,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	6	0.23
(3,829)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.23
(3,829)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.23
(3,829)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.23
(3,828)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	13	0.23
(3,828)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	13	0.23
(3,828)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	13	0.23
(3,822)	1:98:A:ILE:HD11	1:100:A:ALA:H	9	0.23
(3,822)	1:98:A:ILE:HD12	1:100:A:ALA:H	9	0.23
(3,822)	1:98:A:ILE:HD13	1:100:A:ALA:H	9	0.23
(3,809)	1:63:A:ILE:HD11	1:117:A:VAL:HB	12	0.23
(3,809)	1:63:A:ILE:HD12	1:117:A:VAL:HB	12	0.23
(3,809)	1:63:A:ILE:HD13	1:117:A:VAL:HB	12	0.23
(3,739)	1:50:A:ALA:H	1:130:A:GLY:HA3	7	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,633)	1:57:A:LEU:H	1:58:A:ILE:HD11	4	0.23
(3,633)	1:57:A:LEU:H	1:58:A:ILE:HD12	4	0.23
(3,633)	1:57:A:LEU:H	1:58:A:ILE:HD13	4	0.23
(3,608)	1:55:A:GLY:H	1:58:A:ILE:HD11	12	0.23
(3,608)	1:55:A:GLY:H	1:58:A:ILE:HD12	12	0.23
(3,608)	1:55:A:GLY:H	1:58:A:ILE:HD13	12	0.23
(3,607)	1:54:A:ARG:HB2	1:55:A:GLY:H	13	0.23
(3,585)	1:50:A:ALA:HB1	1:126:A:GLY:H	17	0.23
(3,585)	1:50:A:ALA:HB2	1:126:A:GLY:H	17	0.23
(3,585)	1:50:A:ALA:HB3	1:126:A:GLY:H	17	0.23
(3,518)	1:19:A:ALA:HB1	1:21:A:THR:H	11	0.23
(3,518)	1:19:A:ALA:HB2	1:21:A:THR:H	11	0.23
(3,518)	1:19:A:ALA:HB3	1:21:A:THR:H	11	0.23
(3,475)	1:48:A:ARG:HA	1:53:A:THR:H	14	0.23
(3,379)	1:40:A:LEU:HB2	1:41:A:LYS:H	2	0.23
(3,371)	1:132:A:ALA:H	1:133:A:ASN:HD22	18	0.23
(3,362)	1:23:A:LEU:HB2	1:26:A:ASP:H	12	0.23
(3,362)	1:23:A:LEU:HB3	1:26:A:ASP:H	12	0.23
(3,298)	1:121:A:VAL:H	1:121:A:VAL:HB	11	0.23
(3,293)	1:120:A:CYS:H	1:121:A:VAL:H	10	0.23
(3,282)	1:73:A:ILE:HD11	1:112:A:GLN:H	14	0.23
(3,282)	1:73:A:ILE:HD12	1:112:A:GLN:H	14	0.23
(3,282)	1:73:A:ILE:HD13	1:112:A:GLN:H	14	0.23
(3,262)	1:27:A:ARG:HB3	1:29:A:LYS:H	2	0.23
(3,152)	1:67:A:PRO:HD3	1:95:A:ILE:H	2	0.23
(3,150)	1:138:A:ASP:H	1:140:A:LEU:HB2	7	0.23
(3,111)	1:21:A:THR:HB	1:22:A:ASP:H	14	0.23
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD11	15	0.23
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD12	15	0.23
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD13	15	0.23
(3,45)	1:98:A:ILE:H	1:105:A:LYS:HA	7	0.23
(3,17)	1:64:A:LYS:H	1:64:A:LYS:HD2	4	0.23
(3,17)	1:64:A:LYS:H	1:64:A:LYS:HD3	4	0.23
(2,2422)	1:132:A:ALA:HA	1:133:A:ASN:HB2	7	0.23
(2,2422)	1:132:A:ALA:HA	1:133:A:ASN:HB3	7	0.23
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	14	0.23
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	14	0.23
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	14	0.23
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	14	0.23
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	14	0.23
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	14	0.23
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	14	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	14	0.23
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	14	0.23
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	14	0.23
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	14	0.23
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	14	0.23
(2,2263)	1:67:A:PRO:HD3	1:96:A:VAL:HG11	6	0.23
(2,2263)	1:67:A:PRO:HD3	1:96:A:VAL:HG12	6	0.23
(2,2263)	1:67:A:PRO:HD3	1:96:A:VAL:HG13	6	0.23
(2,2263)	1:67:A:PRO:HD3	1:96:A:VAL:HG21	6	0.23
(2,2263)	1:67:A:PRO:HD3	1:96:A:VAL:HG22	6	0.23
(2,2263)	1:67:A:PRO:HD3	1:96:A:VAL:HG23	6	0.23
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG11	1	0.23
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG12	1	0.23
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG13	1	0.23
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG21	1	0.23
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG22	1	0.23
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG23	1	0.23
(2,2173)	1:44:A:GLU:HG2	1:46:A:ASN:H	9	0.23
(2,2173)	1:44:A:GLU:HG3	1:46:A:ASN:H	9	0.23
(2,2129)	1:39:A:VAL:HG11	1:143:A:TRP:H	14	0.23
(2,2129)	1:39:A:VAL:HG12	1:143:A:TRP:H	14	0.23
(2,2129)	1:39:A:VAL:HG13	1:143:A:TRP:H	14	0.23
(2,2129)	1:39:A:VAL:HG21	1:143:A:TRP:H	14	0.23
(2,2129)	1:39:A:VAL:HG22	1:143:A:TRP:H	14	0.23
(2,2129)	1:39:A:VAL:HG23	1:143:A:TRP:H	14	0.23
(2,2125)	1:39:A:VAL:HG11	1:139:A:LEU:HD11	18	0.23
(2,2125)	1:39:A:VAL:HG11	1:139:A:LEU:HD12	18	0.23
(2,2125)	1:39:A:VAL:HG11	1:139:A:LEU:HD13	18	0.23
(2,2125)	1:39:A:VAL:HG11	1:139:A:LEU:HD21	18	0.23
(2,2125)	1:39:A:VAL:HG11	1:139:A:LEU:HD22	18	0.23
(2,2125)	1:39:A:VAL:HG11	1:139:A:LEU:HD23	18	0.23
(2,2125)	1:39:A:VAL:HG12	1:139:A:LEU:HD11	18	0.23
(2,2125)	1:39:A:VAL:HG12	1:139:A:LEU:HD12	18	0.23
(2,2125)	1:39:A:VAL:HG12	1:139:A:LEU:HD13	18	0.23
(2,2125)	1:39:A:VAL:HG12	1:139:A:LEU:HD21	18	0.23
(2,2125)	1:39:A:VAL:HG12	1:139:A:LEU:HD22	18	0.23
(2,2125)	1:39:A:VAL:HG12	1:139:A:LEU:HD23	18	0.23
(2,2125)	1:39:A:VAL:HG13	1:139:A:LEU:HD11	18	0.23
(2,2125)	1:39:A:VAL:HG13	1:139:A:LEU:HD12	18	0.23
(2,2125)	1:39:A:VAL:HG13	1:139:A:LEU:HD13	18	0.23
(2,2125)	1:39:A:VAL:HG13	1:139:A:LEU:HD21	18	0.23
(2,2125)	1:39:A:VAL:HG13	1:139:A:LEU:HD22	18	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2125)	1:39:A:VAL:HG13	1:139:A:LEU:HD23	18	0.23
(2,2125)	1:39:A:VAL:HG21	1:139:A:LEU:HD11	18	0.23
(2,2125)	1:39:A:VAL:HG21	1:139:A:LEU:HD12	18	0.23
(2,2125)	1:39:A:VAL:HG21	1:139:A:LEU:HD13	18	0.23
(2,2125)	1:39:A:VAL:HG21	1:139:A:LEU:HD21	18	0.23
(2,2125)	1:39:A:VAL:HG21	1:139:A:LEU:HD22	18	0.23
(2,2125)	1:39:A:VAL:HG21	1:139:A:LEU:HD23	18	0.23
(2,2125)	1:39:A:VAL:HG22	1:139:A:LEU:HD11	18	0.23
(2,2125)	1:39:A:VAL:HG22	1:139:A:LEU:HD12	18	0.23
(2,2125)	1:39:A:VAL:HG22	1:139:A:LEU:HD13	18	0.23
(2,2125)	1:39:A:VAL:HG22	1:139:A:LEU:HD21	18	0.23
(2,2125)	1:39:A:VAL:HG22	1:139:A:LEU:HD22	18	0.23
(2,2125)	1:39:A:VAL:HG22	1:139:A:LEU:HD23	18	0.23
(2,2125)	1:39:A:VAL:HG23	1:139:A:LEU:HD11	18	0.23
(2,2125)	1:39:A:VAL:HG23	1:139:A:LEU:HD12	18	0.23
(2,2125)	1:39:A:VAL:HG23	1:139:A:LEU:HD13	18	0.23
(2,2125)	1:39:A:VAL:HG23	1:139:A:LEU:HD21	18	0.23
(2,2125)	1:39:A:VAL:HG23	1:139:A:LEU:HD22	18	0.23
(2,2125)	1:39:A:VAL:HG23	1:139:A:LEU:HD23	18	0.23
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG11	2	0.23
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG12	2	0.23
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG13	2	0.23
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG21	2	0.23
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG22	2	0.23
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG23	2	0.23
(2,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	19	0.23
(2,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	19	0.23
(2,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	19	0.23
(2,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	19	0.23
(2,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	19	0.23
(2,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	19	0.23
(2,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	19	0.23
(2,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	19	0.23
(2,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	19	0.23
(2,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	19	0.23
(2,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	19	0.23
(2,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	19	0.23
(2,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	19	0.23
(2,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	19	0.23
(2,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	19	0.23
(2,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	19	0.23
(2,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	19	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	19	0.23
(2,2012)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	1	0.23
(2,2012)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	1	0.23
(2,2012)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	1	0.23
(2,2012)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	1	0.23
(2,2012)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	1	0.23
(2,2012)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	1	0.23
(2,2012)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	1	0.23
(2,2012)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	1	0.23
(2,2012)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	1	0.23
(2,2012)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	1	0.23
(2,2012)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	1	0.23
(2,2012)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	1	0.23
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	4	0.23
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	4	0.23
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	4	0.23
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	4	0.23
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	4	0.23
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	4	0.23
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	13	0.23
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	13	0.23
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	13	0.23
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	13	0.23
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	13	0.23
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	13	0.23
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	13	0.23
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	13	0.23
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	13	0.23
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	13	0.23
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	13	0.23
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	13	0.23
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	13	0.23
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	13	0.23
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	13	0.23
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	13	0.23
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	13	0.23
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	13	0.23
(2,1935)	1:10:A:ASN:HD21	1:80:A:TYR:HE1	6	0.23
(2,1935)	1:10:A:ASN:HD21	1:80:A:TYR:HE2	6	0.23
(2,1888)	1:18:A:PHE:HA	1:113:A:PHE:HE1	19	0.23
(2,1888)	1:18:A:PHE:HA	1:113:A:PHE:HE2	19	0.23
(2,1880)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	9	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1880)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	9	0.23
(2,1862)	1:143:A:TRP:HA	1:143:A:TRP:HE3	16	0.23
(2,1850)	1:9:A:PHE:HZ	1:54:A:ARG:HA	12	0.23
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	18	0.23
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	18	0.23
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	18	0.23
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	18	0.23
(2,1811)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	9	0.23
(2,1811)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	9	0.23
(2,1811)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	9	0.23
(2,1811)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	9	0.23
(2,1811)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	9	0.23
(2,1811)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	9	0.23
(2,1804)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	19	0.23
(2,1804)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	19	0.23
(2,1792)	1:101:A:ILE:HG21	1:102:A:PRO:HA	16	0.23
(2,1792)	1:101:A:ILE:HG22	1:102:A:PRO:HA	16	0.23
(2,1792)	1:101:A:ILE:HG23	1:102:A:PRO:HA	16	0.23
(2,1745)	1:68:A:LYS:HA	1:71:A:LYS:HB2	5	0.23
(2,1733)	1:66:A:THR:HG1	1:69:A:MET:HG3	17	0.23
(2,1724)	1:141:A:LYS:HA	1:145:A:PRO:HD3	15	0.23
(2,1631)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	8	0.23
(2,1631)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	8	0.23
(2,1631)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	8	0.23
(2,1631)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	8	0.23
(2,1631)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	8	0.23
(2,1631)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	8	0.23
(2,1574)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	9	0.23
(2,1574)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	9	0.23
(2,1574)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	9	0.23
(2,1574)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	9	0.23
(2,1574)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	9	0.23
(2,1574)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	9	0.23
(2,1574)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	9	0.23
(2,1574)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	9	0.23
(2,1574)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	9	0.23
(2,1509)	1:12:A:VAL:HA	1:43:A:MET:HE1	15	0.23
(2,1509)	1:12:A:VAL:HA	1:43:A:MET:HE2	15	0.23
(2,1509)	1:12:A:VAL:HA	1:43:A:MET:HE3	15	0.23
(2,1504)	1:12:A:VAL:H	1:43:A:MET:HE1	16	0.23
(2,1504)	1:12:A:VAL:H	1:43:A:MET:HE2	16	0.23
(2,1504)	1:12:A:VAL:H	1:43:A:MET:HE3	16	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1500)	1:114:A:ILE:HG21	1:117:A:VAL:HB	19	0.23
(2,1500)	1:114:A:ILE:HG22	1:117:A:VAL:HB	19	0.23
(2,1500)	1:114:A:ILE:HG23	1:117:A:VAL:HB	19	0.23
(2,1492)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	10	0.23
(2,1492)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	10	0.23
(2,1492)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	10	0.23
(2,1492)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	10	0.23
(2,1492)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	10	0.23
(2,1492)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	10	0.23
(2,1470)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	10	0.23
(2,1470)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	10	0.23
(2,1470)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	10	0.23
(2,1467)	1:13:A:ALA:HB1	1:79:A:THR:HB	16	0.23
(2,1467)	1:13:A:ALA:HB2	1:79:A:THR:HB	16	0.23
(2,1467)	1:13:A:ALA:HB3	1:79:A:THR:HB	16	0.23
(2,1339)	1:103:A:ARG:HG2	1:106:A:ASP:HA	3	0.23
(2,1339)	1:103:A:ARG:HG3	1:106:A:ASP:HA	3	0.23
(2,1309)	1:66:A:THR:HG21	1:96:A:VAL:HG21	3	0.23
(2,1309)	1:66:A:THR:HG21	1:96:A:VAL:HG22	3	0.23
(2,1309)	1:66:A:THR:HG21	1:96:A:VAL:HG23	3	0.23
(2,1309)	1:66:A:THR:HG22	1:96:A:VAL:HG21	3	0.23
(2,1309)	1:66:A:THR:HG22	1:96:A:VAL:HG22	3	0.23
(2,1309)	1:66:A:THR:HG22	1:96:A:VAL:HG23	3	0.23
(2,1309)	1:66:A:THR:HG23	1:96:A:VAL:HG21	3	0.23
(2,1309)	1:66:A:THR:HG23	1:96:A:VAL:HG22	3	0.23
(2,1309)	1:66:A:THR:HG23	1:96:A:VAL:HG23	3	0.23
(2,1219)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	11	0.23
(2,1219)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	11	0.23
(2,1219)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	11	0.23
(2,942)	1:39:A:VAL:HA	1:43:A:MET:HG2	10	0.23
(2,811)	1:98:A:ILE:HA	1:98:A:ILE:HD11	3	0.23
(2,811)	1:98:A:ILE:HA	1:98:A:ILE:HD12	3	0.23
(2,811)	1:98:A:ILE:HA	1:98:A:ILE:HD13	3	0.23
(2,810)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	13	0.23
(2,810)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	13	0.23
(2,810)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	13	0.23
(2,805)	1:98:A:ILE:HD11	1:100:A:ALA:H	9	0.23
(2,805)	1:98:A:ILE:HD12	1:100:A:ALA:H	9	0.23
(2,805)	1:98:A:ILE:HD13	1:100:A:ALA:H	9	0.23
(2,774)	1:101:A:ILE:HD11	1:119:A:LEU:HG	15	0.23
(2,774)	1:101:A:ILE:HD12	1:119:A:LEU:HG	15	0.23
(2,774)	1:101:A:ILE:HD13	1:119:A:LEU:HG	15	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,712)	1:9:A:PHE:HD1	1:54:A:ARG:HE	2	0.23
(2,712)	1:9:A:PHE:HD2	1:54:A:ARG:HE	2	0.23
(2,603)	1:55:A:GLY:H	1:58:A:ILE:HD11	12	0.23
(2,603)	1:55:A:GLY:H	1:58:A:ILE:HD12	12	0.23
(2,603)	1:55:A:GLY:H	1:58:A:ILE:HD13	12	0.23
(2,602)	1:54:A:ARG:HB2	1:55:A:GLY:H	13	0.23
(2,538)	1:60:A:LEU:HD21	1:61:A:SER:H	9	0.23
(2,538)	1:60:A:LEU:HD22	1:61:A:SER:H	9	0.23
(2,538)	1:60:A:LEU:HD23	1:61:A:SER:H	9	0.23
(2,538)	1:60:A:LEU:HD21	1:61:A:SER:H	17	0.23
(2,538)	1:60:A:LEU:HD22	1:61:A:SER:H	17	0.23
(2,538)	1:60:A:LEU:HD23	1:61:A:SER:H	17	0.23
(2,515)	1:19:A:ALA:HB1	1:21:A:THR:H	11	0.23
(2,515)	1:19:A:ALA:HB2	1:21:A:THR:H	11	0.23
(2,515)	1:19:A:ALA:HB3	1:21:A:THR:H	11	0.23
(2,509)	1:70:A:LYS:HE2	1:71:A:LYS:H	5	0.23
(2,509)	1:70:A:LYS:HE3	1:71:A:LYS:H	5	0.23
(2,368)	1:132:A:ALA:H	1:133:A:ASN:HD22	6	0.23
(2,357)	1:23:A:LEU:HB2	1:26:A:ASP:H	12	0.23
(2,357)	1:23:A:LEU:HB3	1:26:A:ASP:H	12	0.23
(2,294)	1:121:A:VAL:H	1:121:A:VAL:HB	11	0.23
(2,290)	1:120:A:CYS:H	1:121:A:VAL:H	10	0.23
(2,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	3	0.23
(2,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	3	0.23
(2,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	3	0.23
(2,160)	1:94:A:ALA:HA	1:95:A:ILE:H	15	0.23
(2,111)	1:80:A:TYR:H	1:81:A:GLU:HG2	16	0.23
(2,111)	1:80:A:TYR:H	1:81:A:GLU:HG3	16	0.23
(2,63)	1:81:A:GLU:H	1:81:A:GLU:HG2	15	0.23
(2,63)	1:81:A:GLU:H	1:81:A:GLU:HG3	15	0.23
(2,33)	1:95:A:ILE:HB	1:96:A:VAL:H	9	0.23
(2,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	10	0.23
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG12	2	0.23
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG13	2	0.23
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG12	2	0.23
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG13	2	0.23
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG12	2	0.23
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG13	2	0.23
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG12	11	0.23
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG13	11	0.23
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG12	11	0.23
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG13	11	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG12	11	0.23
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG13	11	0.23
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG12	14	0.23
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG13	14	0.23
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG12	14	0.23
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG13	14	0.23
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG12	14	0.23
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG13	14	0.23
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG12	19	0.23
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG13	19	0.23
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG12	19	0.23
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG13	19	0.23
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG12	19	0.23
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG13	19	0.23
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD11	14	0.23
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD12	14	0.23
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD13	14	0.23
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD21	14	0.23
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD22	14	0.23
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD23	14	0.23
(1,2243)	1:75:A:GLY:H	1:76:A:ARG:HB2	5	0.23
(1,2243)	1:75:A:GLY:H	1:76:A:ARG:HB3	5	0.23
(1,2210)	1:65:A:CYS:HB2	1:70:A:LYS:HA	9	0.23
(1,2210)	1:65:A:CYS:HB3	1:70:A:LYS:HA	9	0.23
(1,2207)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.23
(1,2207)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.23
(1,2207)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.23
(1,2207)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.23
(1,2151)	1:48:A:ARG:H	1:57:A:LEU:HD11	7	0.23
(1,2151)	1:48:A:ARG:H	1:57:A:LEU:HD12	7	0.23
(1,2151)	1:48:A:ARG:H	1:57:A:LEU:HD13	7	0.23
(1,2151)	1:48:A:ARG:H	1:57:A:LEU:HD21	7	0.23
(1,2151)	1:48:A:ARG:H	1:57:A:LEU:HD22	7	0.23
(1,2151)	1:48:A:ARG:H	1:57:A:LEU:HD23	7	0.23
(1,2149)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	17	0.23
(1,2149)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	17	0.23
(1,2149)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	17	0.23
(1,2149)	1:47:A:ALA:HB1	1:57:A:LEU:HD21	17	0.23
(1,2149)	1:47:A:ALA:HB1	1:57:A:LEU:HD22	17	0.23
(1,2149)	1:47:A:ALA:HB1	1:57:A:LEU:HD23	17	0.23
(1,2149)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	17	0.23
(1,2149)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	17	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2149)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	17	0.23
(1,2149)	1:47:A:ALA:HB2	1:57:A:LEU:HD21	17	0.23
(1,2149)	1:47:A:ALA:HB2	1:57:A:LEU:HD22	17	0.23
(1,2149)	1:47:A:ALA:HB2	1:57:A:LEU:HD23	17	0.23
(1,2149)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	17	0.23
(1,2149)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	17	0.23
(1,2149)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	17	0.23
(1,2149)	1:47:A:ALA:HB3	1:57:A:LEU:HD21	17	0.23
(1,2149)	1:47:A:ALA:HB3	1:57:A:LEU:HD22	17	0.23
(1,2149)	1:47:A:ALA:HB3	1:57:A:LEU:HD23	17	0.23
(1,2122)	1:40:A:LEU:HD11	1:43:A:MET:H	3	0.23
(1,2122)	1:40:A:LEU:HD12	1:43:A:MET:H	3	0.23
(1,2122)	1:40:A:LEU:HD13	1:43:A:MET:H	3	0.23
(1,2122)	1:40:A:LEU:HD21	1:43:A:MET:H	3	0.23
(1,2122)	1:40:A:LEU:HD22	1:43:A:MET:H	3	0.23
(1,2122)	1:40:A:LEU:HD23	1:43:A:MET:H	3	0.23
(1,2101)	1:39:A:VAL:HG11	1:41:A:LYS:H	16	0.23
(1,2101)	1:39:A:VAL:HG12	1:41:A:LYS:H	16	0.23
(1,2101)	1:39:A:VAL:HG13	1:41:A:LYS:H	16	0.23
(1,2101)	1:39:A:VAL:HG21	1:41:A:LYS:H	16	0.23
(1,2101)	1:39:A:VAL:HG22	1:41:A:LYS:H	16	0.23
(1,2101)	1:39:A:VAL:HG23	1:41:A:LYS:H	16	0.23
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD11	9	0.23
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD12	9	0.23
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD13	9	0.23
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD21	9	0.23
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD22	9	0.23
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD23	9	0.23
(1,2074)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	2	0.23
(1,2074)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	2	0.23
(1,2074)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	2	0.23
(1,2074)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	2	0.23
(1,2074)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	2	0.23
(1,2074)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	2	0.23
(1,2006)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	10	0.23
(1,2006)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	10	0.23
(1,2006)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	10	0.23
(1,2006)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	10	0.23
(1,2006)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	10	0.23
(1,2006)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	10	0.23
(1,1920)	1:150:A:THR:H	1:151:A:PHE:HD1	15	0.23
(1,1920)	1:150:A:THR:H	1:151:A:PHE:HD2	15	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1858)	1:79:A:THR:HB	1:80:A:TYR:HE1	4	0.23
(1,1858)	1:79:A:THR:HB	1:80:A:TYR:HE2	4	0.23
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	16	0.23
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	16	0.23
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	16	0.23
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	16	0.23
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	9	0.23
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	9	0.23
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	9	0.23
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	19	0.23
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	19	0.23
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	19	0.23
(1,1830)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	4	0.23
(1,1830)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	4	0.23
(1,1794)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	19	0.23
(1,1794)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	19	0.23
(1,1753)	1:31:A:PRO:HB2	1:35:A:LEU:HA	1	0.23
(1,1753)	1:31:A:PRO:HB3	1:35:A:LEU:HA	1	0.23
(1,1727)	1:66:A:THR:HG1	1:69:A:MET:HG3	17	0.23
(1,1636)	1:10:A:ASN:HB3	1:14:A:VAL:HB	16	0.23
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	15	0.23
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	15	0.23
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	15	0.23
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	15	0.23
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	15	0.23
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	15	0.23
(1,1521)	1:43:A:MET:HE1	1:46:A:ASN:HB2	10	0.23
(1,1521)	1:43:A:MET:HE2	1:46:A:ASN:HB2	10	0.23
(1,1521)	1:43:A:MET:HE3	1:46:A:ASN:HB2	10	0.23
(1,1518)	1:12:A:VAL:HA	1:43:A:MET:HE1	15	0.23
(1,1518)	1:12:A:VAL:HA	1:43:A:MET:HE2	15	0.23
(1,1518)	1:12:A:VAL:HA	1:43:A:MET:HE3	15	0.23
(1,1507)	1:114:A:ILE:HG21	1:117:A:VAL:HB	19	0.23
(1,1507)	1:114:A:ILE:HG22	1:117:A:VAL:HB	19	0.23
(1,1507)	1:114:A:ILE:HG23	1:117:A:VAL:HB	19	0.23
(1,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	10	0.23
(1,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	10	0.23
(1,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	10	0.23
(1,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	10	0.23
(1,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	10	0.23
(1,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	10	0.23
(1,1432)	1:69:A:MET:HE1	1:73:A:ILE:HG21	8	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1432)	1:69:A:MET:HE1	1:73:A:ILE:HG22	8	0.23
(1,1432)	1:69:A:MET:HE1	1:73:A:ILE:HG23	8	0.23
(1,1432)	1:69:A:MET:HE2	1:73:A:ILE:HG21	8	0.23
(1,1432)	1:69:A:MET:HE2	1:73:A:ILE:HG22	8	0.23
(1,1432)	1:69:A:MET:HE2	1:73:A:ILE:HG23	8	0.23
(1,1432)	1:69:A:MET:HE3	1:73:A:ILE:HG21	8	0.23
(1,1432)	1:69:A:MET:HE3	1:73:A:ILE:HG22	8	0.23
(1,1432)	1:69:A:MET:HE3	1:73:A:ILE:HG23	8	0.23
(1,1177)	1:140:A:LEU:HA	1:140:A:LEU:HD21	13	0.23
(1,1177)	1:140:A:LEU:HA	1:140:A:LEU:HD22	13	0.23
(1,1177)	1:140:A:LEU:HA	1:140:A:LEU:HD23	13	0.23
(1,1158)	1:39:A:VAL:HB	1:139:A:LEU:HA	1	0.23
(1,978)	1:66:A:THR:H	1:96:A:VAL:HB	2	0.23
(1,964)	1:67:A:PRO:HA	1:70:A:LYS:HB2	14	0.23
(1,964)	1:67:A:PRO:HA	1:70:A:LYS:HB3	14	0.23
(1,906)	1:63:A:ILE:HG21	1:113:A:PHE:HB2	7	0.23
(1,906)	1:63:A:ILE:HG22	1:113:A:PHE:HB2	7	0.23
(1,906)	1:63:A:ILE:HG23	1:113:A:PHE:HB2	7	0.23
(1,825)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	11	0.23
(1,825)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	11	0.23
(1,825)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	11	0.23
(1,825)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	14	0.23
(1,825)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	14	0.23
(1,825)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	14	0.23
(1,809)	1:63:A:ILE:HD11	1:117:A:VAL:HB	4	0.23
(1,809)	1:63:A:ILE:HD12	1:117:A:VAL:HB	4	0.23
(1,809)	1:63:A:ILE:HD13	1:117:A:VAL:HB	4	0.23
(1,764)	1:147:A:ARG:HA	1:147:A:ARG:HE	12	0.23
(1,735)	1:50:A:ALA:H	1:130:A:GLY:HA3	7	0.23
(1,663)	1:99:A:PRO:HG3	1:100:A:ALA:H	5	0.23
(1,519)	1:19:A:ALA:HB1	1:21:A:THR:H	11	0.23
(1,519)	1:19:A:ALA:HB2	1:21:A:THR:H	11	0.23
(1,519)	1:19:A:ALA:HB3	1:21:A:THR:H	11	0.23
(1,475)	1:48:A:ARG:HA	1:53:A:THR:H	14	0.23
(1,373)	1:132:A:ALA:H	1:133:A:ASN:HD22	18	0.23
(1,357)	1:104:A:PHE:H	1:104:A:PHE:HD1	11	0.23
(1,357)	1:104:A:PHE:H	1:104:A:PHE:HD2	11	0.23
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE1	3	0.23
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE2	3	0.23
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE3	3	0.23
(1,298)	1:121:A:VAL:H	1:121:A:VAL:HB	11	0.23
(1,176)	1:95:A:ILE:H	1:95:A:ILE:HB	4	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,113)	1:69:A:MET:H	1:69:A:MET:HE1	10	0.23
(1,113)	1:69:A:MET:H	1:69:A:MET:HE2	10	0.23
(1,113)	1:69:A:MET:H	1:69:A:MET:HE3	10	0.23
(1,49)	1:98:A:ILE:H	1:104:A:PHE:HB3	3	0.23
(1,47)	1:98:A:ILE:H	1:105:A:LYS:HA	7	0.23
(1,17)	1:64:A:LYS:H	1:64:A:LYS:HD2	4	0.23
(1,17)	1:64:A:LYS:H	1:64:A:LYS:HD3	4	0.23
(34,2398)	1:123:A:CYS:H	1:128:A:LEU:HD11	19	0.22
(34,2398)	1:123:A:CYS:H	1:128:A:LEU:HD12	19	0.22
(34,2398)	1:123:A:CYS:H	1:128:A:LEU:HD13	19	0.22
(34,2398)	1:123:A:CYS:H	1:128:A:LEU:HD21	19	0.22
(34,2398)	1:123:A:CYS:H	1:128:A:LEU:HD22	19	0.22
(34,2398)	1:123:A:CYS:H	1:128:A:LEU:HD23	19	0.22
(34,2299)	1:98:A:ILE:HG12	1:101:A:ILE:HB	6	0.22
(34,2299)	1:98:A:ILE:HG13	1:101:A:ILE:HB	6	0.22
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	15	0.22
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	15	0.22
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	15	0.22
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	15	0.22
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	15	0.22
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	15	0.22
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	15	0.22
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	15	0.22
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	15	0.22
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	15	0.22
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	15	0.22
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	15	0.22
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	15	0.22
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	15	0.22
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	15	0.22
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	15	0.22
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	15	0.22
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	15	0.22
(34,2264)	1:74:A:PRO:HA	1:77:A:CYS:HB2	19	0.22
(34,2264)	1:74:A:PRO:HA	1:77:A:CYS:HB3	19	0.22
(34,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HA	14	0.22
(34,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HA	14	0.22
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD11	3	0.22
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD12	3	0.22
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD13	3	0.22
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD21	3	0.22
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD22	3	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD23	3	0.22
(34,2128)	1:39:A:VAL:HG11	1:144:A:LEU:H	14	0.22
(34,2128)	1:39:A:VAL:HG12	1:144:A:LEU:H	14	0.22
(34,2128)	1:39:A:VAL:HG13	1:144:A:LEU:H	14	0.22
(34,2128)	1:39:A:VAL:HG21	1:144:A:LEU:H	14	0.22
(34,2128)	1:39:A:VAL:HG22	1:144:A:LEU:H	14	0.22
(34,2128)	1:39:A:VAL:HG23	1:144:A:LEU:H	14	0.22
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD11	4	0.22
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD12	4	0.22
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD13	4	0.22
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD21	4	0.22
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD22	4	0.22
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD23	4	0.22
(34,2053)	1:27:A:ARG:HA	1:30:A:LEU:HD11	5	0.22
(34,2053)	1:27:A:ARG:HA	1:30:A:LEU:HD12	5	0.22
(34,2053)	1:27:A:ARG:HA	1:30:A:LEU:HD13	5	0.22
(34,2053)	1:27:A:ARG:HA	1:30:A:LEU:HD21	5	0.22
(34,2053)	1:27:A:ARG:HA	1:30:A:LEU:HD22	5	0.22
(34,2053)	1:27:A:ARG:HA	1:30:A:LEU:HD23	5	0.22
(34,2047)	1:23:A:LEU:HD11	1:24:A:ASP:H	10	0.22
(34,2047)	1:23:A:LEU:HD12	1:24:A:ASP:H	10	0.22
(34,2047)	1:23:A:LEU:HD13	1:24:A:ASP:H	10	0.22
(34,2047)	1:23:A:LEU:HD21	1:24:A:ASP:H	10	0.22
(34,2047)	1:23:A:LEU:HD22	1:24:A:ASP:H	10	0.22
(34,2047)	1:23:A:LEU:HD23	1:24:A:ASP:H	10	0.22
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD11	3	0.22
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD12	3	0.22
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD13	3	0.22
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD21	3	0.22
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD22	3	0.22
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD23	3	0.22
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	14	0.22
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	14	0.22
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	14	0.22
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	14	0.22
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	14	0.22
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	14	0.22
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	14	0.22
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	14	0.22
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	14	0.22
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	14	0.22
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	14	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	14	0.22
(34,1991)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	7	0.22
(34,1991)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	7	0.22
(34,1991)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	7	0.22
(34,1991)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	7	0.22
(34,1991)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	7	0.22
(34,1991)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	7	0.22
(34,1991)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	7	0.22
(34,1991)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	7	0.22
(34,1991)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	7	0.22
(34,1991)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	7	0.22
(34,1991)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	7	0.22
(34,1991)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	7	0.22
(34,1991)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	7	0.22
(34,1991)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	7	0.22
(34,1991)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	7	0.22
(34,1991)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	7	0.22
(34,1991)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	7	0.22
(34,1991)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	7	0.22
(34,1979)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	9	0.22
(34,1979)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	9	0.22
(34,1979)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	9	0.22
(34,1979)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	9	0.22
(34,1979)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	9	0.22
(34,1979)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	9	0.22
(34,1976)	1:12:A:VAL:HG11	1:43:A:MET:HE1	10	0.22
(34,1976)	1:12:A:VAL:HG11	1:43:A:MET:HE2	10	0.22
(34,1976)	1:12:A:VAL:HG11	1:43:A:MET:HE3	10	0.22
(34,1976)	1:12:A:VAL:HG12	1:43:A:MET:HE1	10	0.22
(34,1976)	1:12:A:VAL:HG12	1:43:A:MET:HE2	10	0.22
(34,1976)	1:12:A:VAL:HG12	1:43:A:MET:HE3	10	0.22
(34,1976)	1:12:A:VAL:HG13	1:43:A:MET:HE1	10	0.22
(34,1976)	1:12:A:VAL:HG13	1:43:A:MET:HE2	10	0.22
(34,1976)	1:12:A:VAL:HG13	1:43:A:MET:HE3	10	0.22
(34,1976)	1:12:A:VAL:HG21	1:43:A:MET:HE1	10	0.22
(34,1976)	1:12:A:VAL:HG21	1:43:A:MET:HE2	10	0.22
(34,1976)	1:12:A:VAL:HG21	1:43:A:MET:HE3	10	0.22
(34,1976)	1:12:A:VAL:HG22	1:43:A:MET:HE1	10	0.22
(34,1976)	1:12:A:VAL:HG22	1:43:A:MET:HE2	10	0.22
(34,1976)	1:12:A:VAL:HG22	1:43:A:MET:HE3	10	0.22
(34,1976)	1:12:A:VAL:HG23	1:43:A:MET:HE1	10	0.22
(34,1976)	1:12:A:VAL:HG23	1:43:A:MET:HE2	10	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1976)	1:12:A:VAL:HG23	1:43:A:MET:HE3	10	0.22
(34,1968)	1:12:A:VAL:HA	1:40:A:LEU:HD11	9	0.22
(34,1968)	1:12:A:VAL:HA	1:40:A:LEU:HD12	9	0.22
(34,1968)	1:12:A:VAL:HA	1:40:A:LEU:HD13	9	0.22
(34,1968)	1:12:A:VAL:HA	1:40:A:LEU:HD21	9	0.22
(34,1968)	1:12:A:VAL:HA	1:40:A:LEU:HD22	9	0.22
(34,1968)	1:12:A:VAL:HA	1:40:A:LEU:HD23	9	0.22
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	13	0.22
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	13	0.22
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	13	0.22
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	13	0.22
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	13	0.22
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	13	0.22
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	13	0.22
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	13	0.22
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	13	0.22
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	13	0.22
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	13	0.22
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	13	0.22
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	13	0.22
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	13	0.22
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	13	0.22
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	13	0.22
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	13	0.22
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	13	0.22
(34,1934)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	16	0.22
(34,1934)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	16	0.22
(34,1934)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	16	0.22
(34,1934)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	16	0.22
(34,1934)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	16	0.22
(34,1934)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	16	0.22
(34,1913)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	9	0.22
(34,1913)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	9	0.22
(34,1913)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	9	0.22
(34,1913)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	9	0.22
(34,1913)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	9	0.22
(34,1913)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	9	0.22
(34,1899)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	13	0.22
(34,1899)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	13	0.22
(34,1899)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	13	0.22
(34,1859)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	5	0.22
(34,1859)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	5	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1859)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	5	0.22
(34,1859)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	5	0.22
(34,1859)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	5	0.22
(34,1859)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	5	0.22
(34,1830)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	18	0.22
(34,1830)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	18	0.22
(34,1784)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	19	0.22
(34,1784)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	19	0.22
(34,1784)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	19	0.22
(34,1784)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	19	0.22
(34,1749)	1:105:A:LYS:HG3	1:106:A:ASP:HA	12	0.22
(34,1743)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	1	0.22
(34,1743)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	1	0.22
(34,1743)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	1	0.22
(34,1618)	1:120:A:CYS:H	1:121:A:VAL:HG21	5	0.22
(34,1618)	1:120:A:CYS:H	1:121:A:VAL:HG22	5	0.22
(34,1618)	1:120:A:CYS:H	1:121:A:VAL:HG23	5	0.22
(34,1595)	1:54:A:ARG:HE	1:58:A:ILE:HD11	5	0.22
(34,1595)	1:54:A:ARG:HE	1:58:A:ILE:HD12	5	0.22
(34,1595)	1:54:A:ARG:HE	1:58:A:ILE:HD13	5	0.22
(34,1541)	1:69:A:MET:HE1	1:113:A:PHE:HB3	10	0.22
(34,1541)	1:69:A:MET:HE2	1:113:A:PHE:HB3	10	0.22
(34,1541)	1:69:A:MET:HE3	1:113:A:PHE:HB3	10	0.22
(34,1529)	1:11:A:ILE:HG21	1:43:A:MET:HE1	11	0.22
(34,1529)	1:11:A:ILE:HG21	1:43:A:MET:HE2	11	0.22
(34,1529)	1:11:A:ILE:HG21	1:43:A:MET:HE3	11	0.22
(34,1529)	1:11:A:ILE:HG22	1:43:A:MET:HE1	11	0.22
(34,1529)	1:11:A:ILE:HG22	1:43:A:MET:HE2	11	0.22
(34,1529)	1:11:A:ILE:HG22	1:43:A:MET:HE3	11	0.22
(34,1529)	1:11:A:ILE:HG23	1:43:A:MET:HE1	11	0.22
(34,1529)	1:11:A:ILE:HG23	1:43:A:MET:HE2	11	0.22
(34,1529)	1:11:A:ILE:HG23	1:43:A:MET:HE3	11	0.22
(34,1495)	1:101:A:ILE:HG21	1:116:A:GLN:H	1	0.22
(34,1495)	1:101:A:ILE:HG22	1:116:A:GLN:H	1	0.22
(34,1495)	1:101:A:ILE:HG23	1:116:A:GLN:H	1	0.22
(34,1463)	1:47:A:ALA:HA	1:50:A:ALA:HB1	10	0.22
(34,1463)	1:47:A:ALA:HA	1:50:A:ALA:HB2	10	0.22
(34,1463)	1:47:A:ALA:HA	1:50:A:ALA:HB3	10	0.22
(34,1445)	1:119:A:LEU:HA	1:121:A:VAL:HG21	5	0.22
(34,1445)	1:119:A:LEU:HA	1:121:A:VAL:HG22	5	0.22
(34,1445)	1:119:A:LEU:HA	1:121:A:VAL:HG23	5	0.22
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	9	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	9	0.22
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	9	0.22
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	9	0.22
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	9	0.22
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	9	0.22
(34,1400)	1:49:A:LYS:HG2	1:50:A:ALA:HA	18	0.22
(34,1400)	1:49:A:LYS:HG3	1:50:A:ALA:HA	18	0.22
(34,1394)	1:132:A:ALA:HA	1:134:A:VAL:HG11	7	0.22
(34,1394)	1:132:A:ALA:HA	1:134:A:VAL:HG12	7	0.22
(34,1394)	1:132:A:ALA:HA	1:134:A:VAL:HG13	7	0.22
(34,1390)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	8	0.22
(34,1390)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	8	0.22
(34,1390)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	8	0.22
(34,1383)	1:21:A:THR:H	1:21:A:THR:HG21	16	0.22
(34,1383)	1:21:A:THR:H	1:21:A:THR:HG22	16	0.22
(34,1383)	1:21:A:THR:H	1:21:A:THR:HG23	16	0.22
(34,1383)	1:21:A:THR:H	1:21:A:THR:HG21	18	0.22
(34,1383)	1:21:A:THR:H	1:21:A:THR:HG22	18	0.22
(34,1383)	1:21:A:THR:H	1:21:A:THR:HG23	18	0.22
(34,1370)	1:73:A:ILE:HB	1:76:A:ARG:HA	18	0.22
(34,1362)	1:17:A:ASN:HA	1:76:A:ARG:HA	11	0.22
(34,1357)	1:103:A:ARG:HG2	1:106:A:ASP:HA	6	0.22
(34,1357)	1:103:A:ARG:HG3	1:106:A:ASP:HA	6	0.22
(34,1294)	1:11:A:ILE:HG21	1:15:A:ALA:HA	10	0.22
(34,1294)	1:11:A:ILE:HG22	1:15:A:ALA:HA	10	0.22
(34,1294)	1:11:A:ILE:HG23	1:15:A:ALA:HA	10	0.22
(34,1272)	1:38:A:GLU:HB2	1:139:A:LEU:HD21	8	0.22
(34,1272)	1:38:A:GLU:HB2	1:139:A:LEU:HD22	8	0.22
(34,1272)	1:38:A:GLU:HB2	1:139:A:LEU:HD23	8	0.22
(34,1256)	1:143:A:TRP:H	1:144:A:LEU:HD11	11	0.22
(34,1256)	1:143:A:TRP:H	1:144:A:LEU:HD12	11	0.22
(34,1256)	1:143:A:TRP:H	1:144:A:LEU:HD13	11	0.22
(34,1233)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	9	0.22
(34,1233)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	9	0.22
(34,1233)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	9	0.22
(34,1233)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	9	0.22
(34,1233)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	9	0.22
(34,1233)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	9	0.22
(34,1164)	1:138:A:ASP:HA	1:141:A:LYS:H	10	0.22
(34,1066)	1:11:A:ILE:HA	1:11:A:ILE:HG12	17	0.22
(34,1057)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	13	0.22
(34,1055)	1:41:A:LYS:HA	1:44:A:GLU:HB2	6	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1055)	1:41:A:LYS:HA	1:44:A:GLU:HB3	6	0.22
(34,1044)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	4	0.22
(34,1044)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	4	0.22
(34,1044)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	4	0.22
(34,1044)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	4	0.22
(34,1018)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	11	0.22
(34,1018)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	11	0.22
(34,1015)	1:114:A:ILE:HA	1:117:A:VAL:HB	15	0.22
(34,1002)	1:47:A:ALA:HB1	1:134:A:VAL:HB	15	0.22
(34,1002)	1:47:A:ALA:HB2	1:134:A:VAL:HB	15	0.22
(34,1002)	1:47:A:ALA:HB3	1:134:A:VAL:HB	15	0.22
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG2	10	0.22
(34,965)	1:12:A:VAL:HA	1:31:A:PRO:HG3	10	0.22
(34,961)	1:14:A:VAL:HA	1:18:A:PHE:HD1	17	0.22
(34,961)	1:14:A:VAL:HA	1:18:A:PHE:HD2	17	0.22
(34,958)	1:69:A:MET:HG2	1:109:A:PRO:HA	10	0.22
(34,955)	1:60:A:LEU:HB3	1:117:A:VAL:HA	6	0.22
(34,947)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	5	0.22
(34,947)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	5	0.22
(34,947)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	5	0.22
(34,947)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	5	0.22
(34,940)	1:125:A:THR:HB	1:128:A:LEU:HB2	11	0.22
(34,940)	1:125:A:THR:HB	1:128:A:LEU:HB2	15	0.22
(34,933)	1:44:A:GLU:HA	1:44:A:GLU:HG2	3	0.22
(34,933)	1:44:A:GLU:HA	1:44:A:GLU:HG2	13	0.22
(34,914)	1:69:A:MET:HE1	1:73:A:ILE:HB	14	0.22
(34,914)	1:69:A:MET:HE2	1:73:A:ILE:HB	14	0.22
(34,914)	1:69:A:MET:HE3	1:73:A:ILE:HB	14	0.22
(34,911)	1:94:A:ALA:HA	1:95:A:ILE:HB	1	0.22
(34,792)	1:60:A:LEU:H	1:63:A:ILE:HD11	3	0.22
(34,792)	1:60:A:LEU:H	1:63:A:ILE:HD12	3	0.22
(34,792)	1:60:A:LEU:H	1:63:A:ILE:HD13	3	0.22
(34,728)	1:76:A:ARG:HE	1:113:A:PHE:HE1	10	0.22
(34,728)	1:76:A:ARG:HE	1:113:A:PHE:HE2	10	0.22
(34,662)	1:98:A:ILE:H	1:100:A:ALA:H	12	0.22
(34,656)	1:70:A:LYS:H	1:74:A:PRO:HA	10	0.22
(34,607)	1:55:A:GLY:H	1:57:A:LEU:H	17	0.22
(34,607)	1:55:A:GLY:H	1:57:A:LEU:H	18	0.22
(34,446)	1:73:A:ILE:HB	1:76:A:ARG:H	17	0.22
(34,381)	1:41:A:LYS:H	1:44:A:GLU:HG2	10	0.22
(34,238)	1:110:A:MET:HE1	1:114:A:ILE:H	7	0.22
(34,238)	1:110:A:MET:HE2	1:114:A:ILE:H	7	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,238)	1:110:A:MET:HE3	1:114:A:ILE:H	7	0.22
(34,222)	1:44:A:GLU:HB2	1:48:A:ARG:H	4	0.22
(34,222)	1:44:A:GLU:HB3	1:48:A:ARG:H	4	0.22
(34,130)	1:46:A:ASN:HB3	1:49:A:LYS:H	5	0.22
(34,127)	1:48:A:ARG:HD2	1:49:A:LYS:H	4	0.22
(34,127)	1:48:A:ARG:HD3	1:49:A:LYS:H	4	0.22
(34,68)	1:79:A:THR:HG21	1:81:A:GLU:H	4	0.22
(34,68)	1:79:A:THR:HG22	1:81:A:GLU:H	4	0.22
(34,68)	1:79:A:THR:HG23	1:81:A:GLU:H	4	0.22
(34,51)	1:98:A:ILE:H	1:101:A:ILE:HB	3	0.22
(34,8)	1:63:A:ILE:HG13	1:64:A:LYS:H	13	0.22
(34,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	17	0.22
(33,2459)	1:137:A:SER:HB2	1:139:A:LEU:H	12	0.22
(33,2459)	1:137:A:SER:HB3	1:139:A:LEU:H	12	0.22
(33,2285)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	15	0.22
(33,2285)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	15	0.22
(33,2232)	1:65:A:CYS:HB2	1:70:A:LYS:HA	14	0.22
(33,2232)	1:65:A:CYS:HB3	1:70:A:LYS:HA	14	0.22
(33,2125)	1:39:A:VAL:HG11	1:144:A:LEU:H	14	0.22
(33,2125)	1:39:A:VAL:HG12	1:144:A:LEU:H	14	0.22
(33,2125)	1:39:A:VAL:HG13	1:144:A:LEU:H	14	0.22
(33,2125)	1:39:A:VAL:HG21	1:144:A:LEU:H	14	0.22
(33,2125)	1:39:A:VAL:HG22	1:144:A:LEU:H	14	0.22
(33,2125)	1:39:A:VAL:HG23	1:144:A:LEU:H	14	0.22
(33,2115)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	8	0.22
(33,2115)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	8	0.22
(33,2115)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	8	0.22
(33,2115)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	8	0.22
(33,2115)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	8	0.22
(33,2115)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	8	0.22
(33,2115)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	8	0.22
(33,2115)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	8	0.22
(33,2115)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	8	0.22
(33,2115)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	8	0.22
(33,2115)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	8	0.22
(33,2115)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	8	0.22
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD11	4	0.22
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD12	4	0.22
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD13	4	0.22
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD21	4	0.22
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD22	4	0.22
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD23	4	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2086)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	15	0.22
(33,2086)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	15	0.22
(33,2086)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	15	0.22
(33,2086)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	15	0.22
(33,2086)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	15	0.22
(33,2086)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	15	0.22
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	11	0.22
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	11	0.22
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	11	0.22
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	11	0.22
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	11	0.22
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	11	0.22
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG11	3	0.22
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG12	3	0.22
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG13	3	0.22
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG21	3	0.22
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG22	3	0.22
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG23	3	0.22
(33,1962)	1:12:A:VAL:HA	1:40:A:LEU:HD11	9	0.22
(33,1962)	1:12:A:VAL:HA	1:40:A:LEU:HD12	9	0.22
(33,1962)	1:12:A:VAL:HA	1:40:A:LEU:HD13	9	0.22
(33,1962)	1:12:A:VAL:HA	1:40:A:LEU:HD21	9	0.22
(33,1962)	1:12:A:VAL:HA	1:40:A:LEU:HD22	9	0.22
(33,1962)	1:12:A:VAL:HA	1:40:A:LEU:HD23	9	0.22
(33,1815)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	18	0.22
(33,1815)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	18	0.22
(33,1767)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	19	0.22
(33,1767)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	19	0.22
(33,1767)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	19	0.22
(33,1767)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	19	0.22
(33,1762)	1:66:A:THR:HG21	1:97:A:ASP:HA	2	0.22
(33,1762)	1:66:A:THR:HG22	1:97:A:ASP:HA	2	0.22
(33,1762)	1:66:A:THR:HG23	1:97:A:ASP:HA	2	0.22
(33,1725)	1:98:A:ILE:HG21	1:102:A:PRO:HD3	19	0.22
(33,1725)	1:98:A:ILE:HG22	1:102:A:PRO:HD3	19	0.22
(33,1725)	1:98:A:ILE:HG23	1:102:A:PRO:HD3	19	0.22
(33,1697)	1:34:A:LYS:HA	1:35:A:LEU:HB3	16	0.22
(33,1678)	1:72:A:PHE:HB2	1:109:A:PRO:HA	7	0.22
(33,1677)	1:69:A:MET:HG3	1:109:A:PRO:HA	7	0.22
(33,1518)	1:69:A:MET:HE1	1:113:A:PHE:HB3	10	0.22
(33,1518)	1:69:A:MET:HE2	1:113:A:PHE:HB3	10	0.22
(33,1518)	1:69:A:MET:HE3	1:113:A:PHE:HB3	10	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1513)	1:69:A:MET:HE1	1:113:A:PHE:HD1	5	0.22
(33,1513)	1:69:A:MET:HE1	1:113:A:PHE:HD2	5	0.22
(33,1513)	1:69:A:MET:HE2	1:113:A:PHE:HD1	5	0.22
(33,1513)	1:69:A:MET:HE2	1:113:A:PHE:HD2	5	0.22
(33,1513)	1:69:A:MET:HE3	1:113:A:PHE:HD1	5	0.22
(33,1513)	1:69:A:MET:HE3	1:113:A:PHE:HD2	5	0.22
(33,1506)	1:11:A:ILE:HG21	1:43:A:MET:HE1	11	0.22
(33,1506)	1:11:A:ILE:HG21	1:43:A:MET:HE2	11	0.22
(33,1506)	1:11:A:ILE:HG21	1:43:A:MET:HE3	11	0.22
(33,1506)	1:11:A:ILE:HG22	1:43:A:MET:HE1	11	0.22
(33,1506)	1:11:A:ILE:HG22	1:43:A:MET:HE2	11	0.22
(33,1506)	1:11:A:ILE:HG22	1:43:A:MET:HE3	11	0.22
(33,1506)	1:11:A:ILE:HG23	1:43:A:MET:HE1	11	0.22
(33,1506)	1:11:A:ILE:HG23	1:43:A:MET:HE2	11	0.22
(33,1506)	1:11:A:ILE:HG23	1:43:A:MET:HE3	11	0.22
(33,1503)	1:98:A:ILE:HG21	1:119:A:LEU:HG	15	0.22
(33,1503)	1:98:A:ILE:HG22	1:119:A:LEU:HG	15	0.22
(33,1503)	1:98:A:ILE:HG23	1:119:A:LEU:HG	15	0.22
(33,1497)	1:43:A:MET:HA	1:43:A:MET:HE1	7	0.22
(33,1497)	1:43:A:MET:HA	1:43:A:MET:HE2	7	0.22
(33,1497)	1:43:A:MET:HA	1:43:A:MET:HE3	7	0.22
(33,1455)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	3	0.22
(33,1455)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	3	0.22
(33,1455)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	3	0.22
(33,1446)	1:47:A:ALA:HA	1:50:A:ALA:HB1	10	0.22
(33,1446)	1:47:A:ALA:HA	1:50:A:ALA:HB2	10	0.22
(33,1446)	1:47:A:ALA:HA	1:50:A:ALA:HB3	10	0.22
(33,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG21	5	0.22
(33,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG22	5	0.22
(33,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG23	5	0.22
(33,1382)	1:49:A:LYS:HG2	1:50:A:ALA:HA	18	0.22
(33,1382)	1:49:A:LYS:HG3	1:50:A:ALA:HA	18	0.22
(33,1366)	1:21:A:THR:H	1:21:A:THR:HG21	16	0.22
(33,1366)	1:21:A:THR:H	1:21:A:THR:HG22	16	0.22
(33,1366)	1:21:A:THR:H	1:21:A:THR:HG23	16	0.22
(33,1366)	1:21:A:THR:H	1:21:A:THR:HG21	18	0.22
(33,1366)	1:21:A:THR:H	1:21:A:THR:HG22	18	0.22
(33,1366)	1:21:A:THR:H	1:21:A:THR:HG23	18	0.22
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG11	6	0.22
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG12	6	0.22
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG13	6	0.22
(33,1293)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	7	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1293)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	7	0.22
(33,1293)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	7	0.22
(33,1228)	1:37:A:LEU:HA	1:37:A:LEU:HD21	14	0.22
(33,1228)	1:37:A:LEU:HA	1:37:A:LEU:HD22	14	0.22
(33,1228)	1:37:A:LEU:HA	1:37:A:LEU:HD23	14	0.22
(33,1135)	1:138:A:ASP:HA	1:141:A:LYS:H	10	0.22
(33,1109)	1:40:A:LEU:HB3	1:41:A:LYS:HA	17	0.22
(33,1038)	1:11:A:ILE:HA	1:11:A:ILE:HG12	17	0.22
(33,1003)	1:98:A:ILE:HB	1:105:A:LYS:HB2	3	0.22
(33,1003)	1:98:A:ILE:HB	1:105:A:LYS:HB3	3	0.22
(33,940)	1:63:A:ILE:HG12	1:117:A:VAL:HA	13	0.22
(33,934)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	5	0.22
(33,934)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	5	0.22
(33,934)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	5	0.22
(33,934)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	5	0.22
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB1	13	0.22
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB2	13	0.22
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB3	13	0.22
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB1	13	0.22
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB2	13	0.22
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB3	13	0.22
(33,920)	1:44:A:GLU:HA	1:44:A:GLU:HG2	3	0.22
(33,920)	1:44:A:GLU:HA	1:44:A:GLU:HG2	13	0.22
(33,905)	1:21:A:THR:HB	1:22:A:ASP:H	16	0.22
(33,883)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	5	0.22
(33,883)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	5	0.22
(33,883)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	5	0.22
(33,874)	1:56:A:CYS:H	1:122:A:ASP:HB2	3	0.22
(33,873)	1:57:A:LEU:HA	1:60:A:LEU:HB3	6	0.22
(33,867)	1:39:A:VAL:H	1:139:A:LEU:HB2	7	0.22
(33,867)	1:39:A:VAL:H	1:139:A:LEU:HB3	7	0.22
(33,867)	1:39:A:VAL:H	1:139:A:LEU:HB2	17	0.22
(33,867)	1:39:A:VAL:H	1:139:A:LEU:HB3	17	0.22
(33,846)	1:48:A:ARG:HD2	1:49:A:LYS:H	13	0.22
(33,846)	1:48:A:ARG:HD3	1:49:A:LYS:H	13	0.22
(33,815)	1:98:A:ILE:HD11	1:101:A:ILE:H	9	0.22
(33,815)	1:98:A:ILE:HD12	1:101:A:ILE:H	9	0.22
(33,815)	1:98:A:ILE:HD13	1:101:A:ILE:H	9	0.22
(33,719)	1:76:A:ARG:HE	1:113:A:PHE:HE1	10	0.22
(33,719)	1:76:A:ARG:HE	1:113:A:PHE:HE2	10	0.22
(33,718)	1:44:A:GLU:HB2	1:54:A:ARG:HE	4	0.22
(33,718)	1:44:A:GLU:HB3	1:54:A:ARG:HE	4	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,696)	1:98:A:ILE:H	1:100:A:ALA:H	12	0.22
(33,668)	1:63:A:ILE:HG12	1:117:A:VAL:H	3	0.22
(33,648)	1:70:A:LYS:H	1:74:A:PRO:HA	10	0.22
(33,572)	1:11:A:ILE:HD11	1:16:A:SER:H	3	0.22
(33,572)	1:11:A:ILE:HD12	1:16:A:SER:H	3	0.22
(33,572)	1:11:A:ILE:HD13	1:16:A:SER:H	3	0.22
(33,510)	1:105:A:LYS:H	1:106:A:ASP:HB3	8	0.22
(33,508)	1:70:A:LYS:HE2	1:71:A:LYS:H	5	0.22
(33,508)	1:70:A:LYS:HE3	1:71:A:LYS:H	5	0.22
(33,469)	1:48:A:ARG:HA	1:53:A:THR:H	2	0.22
(33,437)	1:73:A:ILE:HB	1:76:A:ARG:H	17	0.22
(33,374)	1:41:A:LYS:H	1:44:A:GLU:HB2	13	0.22
(33,374)	1:41:A:LYS:H	1:44:A:GLU:HB3	13	0.22
(33,231)	1:110:A:MET:HE1	1:114:A:ILE:H	7	0.22
(33,231)	1:110:A:MET:HE2	1:114:A:ILE:H	7	0.22
(33,231)	1:110:A:MET:HE3	1:114:A:ILE:H	7	0.22
(33,215)	1:44:A:GLU:HB2	1:48:A:ARG:H	15	0.22
(33,215)	1:44:A:GLU:HB3	1:48:A:ARG:H	15	0.22
(33,55)	1:98:A:ILE:H	1:101:A:ILE:HB	3	0.22
(33,36)	1:95:A:ILE:HB	1:96:A:VAL:H	11	0.22
(33,20)	1:93:A:GLU:HG2	1:94:A:ALA:H	16	0.22
(33,20)	1:93:A:GLU:HG3	1:94:A:ALA:H	16	0.22
(32,2479)	1:143:A:TRP:H	1:144:A:LEU:HD11	5	0.22
(32,2479)	1:143:A:TRP:H	1:144:A:LEU:HD12	5	0.22
(32,2479)	1:143:A:TRP:H	1:144:A:LEU:HD13	5	0.22
(32,2479)	1:143:A:TRP:H	1:144:A:LEU:HD21	5	0.22
(32,2479)	1:143:A:TRP:H	1:144:A:LEU:HD22	5	0.22
(32,2479)	1:143:A:TRP:H	1:144:A:LEU:HD23	5	0.22
(32,2322)	1:107:A:LEU:H	1:107:A:LEU:HD11	8	0.22
(32,2322)	1:107:A:LEU:H	1:107:A:LEU:HD12	8	0.22
(32,2322)	1:107:A:LEU:H	1:107:A:LEU:HD13	8	0.22
(32,2322)	1:107:A:LEU:H	1:107:A:LEU:HD21	8	0.22
(32,2322)	1:107:A:LEU:H	1:107:A:LEU:HD22	8	0.22
(32,2322)	1:107:A:LEU:H	1:107:A:LEU:HD23	8	0.22
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD11	14	0.22
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD12	14	0.22
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD13	14	0.22
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD21	14	0.22
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD22	14	0.22
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD23	14	0.22
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG11	7	0.22
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG12	7	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG13	7	0.22
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG21	7	0.22
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG22	7	0.22
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG23	7	0.22
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG11	7	0.22
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG12	7	0.22
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG13	7	0.22
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG21	7	0.22
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG22	7	0.22
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG23	7	0.22
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG11	7	0.22
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG12	7	0.22
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG13	7	0.22
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG21	7	0.22
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG22	7	0.22
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG23	7	0.22
(32,2226)	1:65:A:CYS:HB2	1:70:A:LYS:HA	14	0.22
(32,2226)	1:65:A:CYS:HB3	1:70:A:LYS:HA	14	0.22
(32,2195)	1:60:A:LEU:HD11	1:120:A:CYS:HA	2	0.22
(32,2195)	1:60:A:LEU:HD12	1:120:A:CYS:HA	2	0.22
(32,2195)	1:60:A:LEU:HD13	1:120:A:CYS:HA	2	0.22
(32,2195)	1:60:A:LEU:HD21	1:120:A:CYS:HA	2	0.22
(32,2195)	1:60:A:LEU:HD22	1:120:A:CYS:HA	2	0.22
(32,2195)	1:60:A:LEU:HD23	1:120:A:CYS:HA	2	0.22
(32,2189)	1:59:A:CYS:HA	1:60:A:LEU:HD11	12	0.22
(32,2189)	1:59:A:CYS:HA	1:60:A:LEU:HD12	12	0.22
(32,2189)	1:59:A:CYS:HA	1:60:A:LEU:HD13	12	0.22
(32,2189)	1:59:A:CYS:HA	1:60:A:LEU:HD21	12	0.22
(32,2189)	1:59:A:CYS:HA	1:60:A:LEU:HD22	12	0.22
(32,2189)	1:59:A:CYS:HA	1:60:A:LEU:HD23	12	0.22
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD11	18	0.22
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD12	18	0.22
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD13	18	0.22
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD21	18	0.22
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD22	18	0.22
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD23	18	0.22
(32,2093)	1:39:A:VAL:HG11	1:44:A:GLU:H	14	0.22
(32,2093)	1:39:A:VAL:HG12	1:44:A:GLU:H	14	0.22
(32,2093)	1:39:A:VAL:HG13	1:44:A:GLU:H	14	0.22
(32,2093)	1:39:A:VAL:HG21	1:44:A:GLU:H	14	0.22
(32,2093)	1:39:A:VAL:HG22	1:44:A:GLU:H	14	0.22
(32,2093)	1:39:A:VAL:HG23	1:44:A:GLU:H	14	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE1	15	0.22
(32,1977)	1:16:A:SER:HB2	1:80:A:TYR:HE2	15	0.22
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE1	15	0.22
(32,1977)	1:16:A:SER:HB3	1:80:A:TYR:HE2	15	0.22
(32,1820)	1:9:A:PHE:HD1	1:11:A:ILE:HG13	4	0.22
(32,1820)	1:9:A:PHE:HD2	1:11:A:ILE:HG13	4	0.22
(32,1801)	1:143:A:TRP:HA	1:143:A:TRP:HE3	13	0.22
(32,1727)	1:66:A:THR:HG21	1:97:A:ASP:HA	2	0.22
(32,1727)	1:66:A:THR:HG22	1:97:A:ASP:HA	2	0.22
(32,1727)	1:66:A:THR:HG23	1:97:A:ASP:HA	2	0.22
(32,1689)	1:98:A:ILE:HG21	1:102:A:PRO:HD3	19	0.22
(32,1689)	1:98:A:ILE:HG22	1:102:A:PRO:HD3	19	0.22
(32,1689)	1:98:A:ILE:HG23	1:102:A:PRO:HD3	19	0.22
(32,1658)	1:34:A:LYS:HA	1:35:A:LEU:HB3	16	0.22
(32,1540)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	7	0.22
(32,1540)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	7	0.22
(32,1540)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	7	0.22
(32,1540)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	7	0.22
(32,1540)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	7	0.22
(32,1540)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	7	0.22
(32,1528)	1:11:A:ILE:HD11	1:14:A:VAL:H	17	0.22
(32,1528)	1:11:A:ILE:HD12	1:14:A:VAL:H	17	0.22
(32,1528)	1:11:A:ILE:HD13	1:14:A:VAL:H	17	0.22
(32,1487)	1:69:A:MET:HE1	1:113:A:PHE:HB3	10	0.22
(32,1487)	1:69:A:MET:HE2	1:113:A:PHE:HB3	10	0.22
(32,1487)	1:69:A:MET:HE3	1:113:A:PHE:HB3	10	0.22
(32,1473)	1:11:A:ILE:HG21	1:43:A:MET:HE1	11	0.22
(32,1473)	1:11:A:ILE:HG21	1:43:A:MET:HE2	11	0.22
(32,1473)	1:11:A:ILE:HG21	1:43:A:MET:HE3	11	0.22
(32,1473)	1:11:A:ILE:HG22	1:43:A:MET:HE1	11	0.22
(32,1473)	1:11:A:ILE:HG22	1:43:A:MET:HE2	11	0.22
(32,1473)	1:11:A:ILE:HG22	1:43:A:MET:HE3	11	0.22
(32,1473)	1:11:A:ILE:HG23	1:43:A:MET:HE1	11	0.22
(32,1473)	1:11:A:ILE:HG23	1:43:A:MET:HE2	11	0.22
(32,1473)	1:11:A:ILE:HG23	1:43:A:MET:HE3	11	0.22
(32,1330)	1:21:A:THR:H	1:21:A:THR:HG21	16	0.22
(32,1330)	1:21:A:THR:H	1:21:A:THR:HG22	16	0.22
(32,1330)	1:21:A:THR:H	1:21:A:THR:HG23	16	0.22
(32,1330)	1:21:A:THR:H	1:21:A:THR:HG21	18	0.22
(32,1330)	1:21:A:THR:H	1:21:A:THR:HG22	18	0.22
(32,1330)	1:21:A:THR:H	1:21:A:THR:HG23	18	0.22
(32,1257)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	7	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1257)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	7	0.22
(32,1257)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	7	0.22
(32,1168)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	19	0.22
(32,1168)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	19	0.22
(32,1168)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	19	0.22
(32,1079)	1:129:A:LYS:HA	1:132:A:ALA:HB1	13	0.22
(32,1079)	1:129:A:LYS:HA	1:132:A:ALA:HB2	13	0.22
(32,1079)	1:129:A:LYS:HA	1:132:A:ALA:HB3	13	0.22
(32,996)	1:41:A:LYS:HA	1:44:A:GLU:HB2	6	0.22
(32,996)	1:41:A:LYS:HA	1:44:A:GLU:HB3	6	0.22
(32,987)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	4	0.22
(32,987)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	4	0.22
(32,987)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	4	0.22
(32,987)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	4	0.22
(32,986)	1:81:A:GLU:H	1:81:A:GLU:HB2	5	0.22
(32,936)	1:11:A:ILE:HD11	1:43:A:MET:HB3	15	0.22
(32,936)	1:11:A:ILE:HD12	1:43:A:MET:HB3	15	0.22
(32,936)	1:11:A:ILE:HD13	1:43:A:MET:HB3	15	0.22
(32,929)	1:66:A:THR:H	1:96:A:VAL:HB	17	0.22
(32,876)	1:69:A:MET:HE1	1:73:A:ILE:HB	14	0.22
(32,876)	1:69:A:MET:HE2	1:73:A:ILE:HB	14	0.22
(32,876)	1:69:A:MET:HE3	1:73:A:ILE:HB	14	0.22
(32,845)	1:57:A:LEU:HA	1:60:A:LEU:HB3	6	0.22
(32,816)	1:69:A:MET:HE1	1:114:A:ILE:HD11	5	0.22
(32,816)	1:69:A:MET:HE1	1:114:A:ILE:HD12	5	0.22
(32,816)	1:69:A:MET:HE1	1:114:A:ILE:HD13	5	0.22
(32,816)	1:69:A:MET:HE2	1:114:A:ILE:HD11	5	0.22
(32,816)	1:69:A:MET:HE2	1:114:A:ILE:HD12	5	0.22
(32,816)	1:69:A:MET:HE2	1:114:A:ILE:HD13	5	0.22
(32,816)	1:69:A:MET:HE3	1:114:A:ILE:HD11	5	0.22
(32,816)	1:69:A:MET:HE3	1:114:A:ILE:HD12	5	0.22
(32,816)	1:69:A:MET:HE3	1:114:A:ILE:HD13	5	0.22
(32,707)	1:76:A:ARG:HE	1:113:A:PHE:HE1	10	0.22
(32,707)	1:76:A:ARG:HE	1:113:A:PHE:HE2	10	0.22
(32,640)	1:98:A:ILE:H	1:100:A:ALA:H	4	0.22
(32,639)	1:66:A:THR:H	1:116:A:GLN:HE22	16	0.22
(32,499)	1:105:A:LYS:H	1:106:A:ASP:HB3	8	0.22
(32,458)	1:48:A:ARG:HA	1:53:A:THR:H	2	0.22
(32,427)	1:73:A:ILE:HB	1:76:A:ARG:H	17	0.22
(32,425)	1:143:A:TRP:H	1:144:A:LEU:HD11	11	0.22
(32,425)	1:143:A:TRP:H	1:144:A:LEU:HD12	11	0.22
(32,425)	1:143:A:TRP:H	1:144:A:LEU:HD13	11	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,420)	1:68:A:LYS:H	1:68:A:LYS:HE2	17	0.22
(32,420)	1:68:A:LYS:H	1:68:A:LYS:HE3	17	0.22
(32,223)	1:110:A:MET:HE1	1:114:A:ILE:H	7	0.22
(32,223)	1:110:A:MET:HE2	1:114:A:ILE:H	7	0.22
(32,223)	1:110:A:MET:HE3	1:114:A:ILE:H	7	0.22
(32,209)	1:44:A:GLU:HB2	1:48:A:ARG:H	4	0.22
(32,209)	1:44:A:GLU:HB3	1:48:A:ARG:H	4	0.22
(32,182)	1:44:A:GLU:H	1:44:A:GLU:HG2	4	0.22
(32,16)	1:93:A:GLU:HG2	1:94:A:ALA:H	16	0.22
(32,16)	1:93:A:GLU:HG3	1:94:A:ALA:H	16	0.22
(32,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	17	0.22
(30,2458)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	16	0.22
(30,2458)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	16	0.22
(30,2458)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	16	0.22
(30,2458)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	16	0.22
(30,2458)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	16	0.22
(30,2458)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	16	0.22
(30,2458)	1:140:A:LEU:HD11	1:144:A:LEU:HB3	16	0.22
(30,2458)	1:140:A:LEU:HD12	1:144:A:LEU:HB3	16	0.22
(30,2458)	1:140:A:LEU:HD13	1:144:A:LEU:HB3	16	0.22
(30,2458)	1:140:A:LEU:HD21	1:144:A:LEU:HB3	16	0.22
(30,2458)	1:140:A:LEU:HD22	1:144:A:LEU:HB3	16	0.22
(30,2458)	1:140:A:LEU:HD23	1:144:A:LEU:HB3	16	0.22
(30,2296)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	12	0.22
(30,2296)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	12	0.22
(30,2296)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	12	0.22
(30,2296)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	12	0.22
(30,2296)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	12	0.22
(30,2296)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	12	0.22
(30,2232)	1:65:A:CYS:HB2	1:70:A:LYS:HA	14	0.22
(30,2232)	1:65:A:CYS:HB3	1:70:A:LYS:HA	14	0.22
(30,2220)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	9	0.22
(30,2220)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	9	0.22
(30,2220)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	9	0.22
(30,2220)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	9	0.22
(30,2220)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	9	0.22
(30,2220)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	9	0.22
(30,2112)	1:39:A:VAL:HA	1:43:A:MET:HG2	15	0.22
(30,2112)	1:39:A:VAL:HA	1:43:A:MET:HG3	15	0.22
(30,2063)	1:34:A:LYS:H	1:81:A:GLU:HB2	8	0.22
(30,2063)	1:34:A:LYS:H	1:81:A:GLU:HB3	8	0.22
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD11	2	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD12	2	0.22
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD13	2	0.22
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD21	2	0.22
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD22	2	0.22
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD23	2	0.22
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD11	2	0.22
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD12	2	0.22
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD13	2	0.22
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD21	2	0.22
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD22	2	0.22
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD23	2	0.22
(30,2005)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	2	0.22
(30,2005)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	2	0.22
(30,2005)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	2	0.22
(30,2005)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	2	0.22
(30,2005)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	2	0.22
(30,2005)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	2	0.22
(30,2001)	1:15:A:ALA:H	1:131:A:LEU:HD11	18	0.22
(30,2001)	1:15:A:ALA:H	1:131:A:LEU:HD12	18	0.22
(30,2001)	1:15:A:ALA:H	1:131:A:LEU:HD13	18	0.22
(30,2001)	1:15:A:ALA:H	1:131:A:LEU:HD21	18	0.22
(30,2001)	1:15:A:ALA:H	1:131:A:LEU:HD22	18	0.22
(30,2001)	1:15:A:ALA:H	1:131:A:LEU:HD23	18	0.22
(30,1975)	1:12:A:VAL:HG11	1:43:A:MET:HE1	15	0.22
(30,1975)	1:12:A:VAL:HG11	1:43:A:MET:HE2	15	0.22
(30,1975)	1:12:A:VAL:HG11	1:43:A:MET:HE3	15	0.22
(30,1975)	1:12:A:VAL:HG12	1:43:A:MET:HE1	15	0.22
(30,1975)	1:12:A:VAL:HG12	1:43:A:MET:HE2	15	0.22
(30,1975)	1:12:A:VAL:HG12	1:43:A:MET:HE3	15	0.22
(30,1975)	1:12:A:VAL:HG13	1:43:A:MET:HE1	15	0.22
(30,1975)	1:12:A:VAL:HG13	1:43:A:MET:HE2	15	0.22
(30,1975)	1:12:A:VAL:HG13	1:43:A:MET:HE3	15	0.22
(30,1975)	1:12:A:VAL:HG21	1:43:A:MET:HE1	15	0.22
(30,1975)	1:12:A:VAL:HG21	1:43:A:MET:HE2	15	0.22
(30,1975)	1:12:A:VAL:HG21	1:43:A:MET:HE3	15	0.22
(30,1975)	1:12:A:VAL:HG22	1:43:A:MET:HE1	15	0.22
(30,1975)	1:12:A:VAL:HG22	1:43:A:MET:HE2	15	0.22
(30,1975)	1:12:A:VAL:HG22	1:43:A:MET:HE3	15	0.22
(30,1975)	1:12:A:VAL:HG23	1:43:A:MET:HE1	15	0.22
(30,1975)	1:12:A:VAL:HG23	1:43:A:MET:HE2	15	0.22
(30,1975)	1:12:A:VAL:HG23	1:43:A:MET:HE3	15	0.22
(30,1967)	1:12:A:VAL:HA	1:40:A:LEU:HD11	9	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1967)	1:12:A:VAL:HA	1:40:A:LEU:HD12	9	0.22
(30,1967)	1:12:A:VAL:HA	1:40:A:LEU:HD13	9	0.22
(30,1967)	1:12:A:VAL:HA	1:40:A:LEU:HD21	9	0.22
(30,1967)	1:12:A:VAL:HA	1:40:A:LEU:HD22	9	0.22
(30,1967)	1:12:A:VAL:HA	1:40:A:LEU:HD23	9	0.22
(30,1907)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	9	0.22
(30,1907)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	9	0.22
(30,1907)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	9	0.22
(30,1907)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	9	0.22
(30,1907)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	9	0.22
(30,1907)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	9	0.22
(30,1892)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	13	0.22
(30,1892)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	13	0.22
(30,1892)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	13	0.22
(30,1857)	1:9:A:PHE:HZ	1:11:A:ILE:HA	1	0.22
(30,1819)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	18	0.22
(30,1819)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	18	0.22
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	18	0.22
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	18	0.22
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	18	0.22
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	18	0.22
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	18	0.22
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	18	0.22
(30,1768)	1:66:A:THR:HG21	1:97:A:ASP:HA	2	0.22
(30,1768)	1:66:A:THR:HG22	1:97:A:ASP:HA	2	0.22
(30,1768)	1:66:A:THR:HG23	1:97:A:ASP:HA	2	0.22
(30,1740)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	1	0.22
(30,1740)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	1	0.22
(30,1740)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	1	0.22
(30,1581)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	7	0.22
(30,1581)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	7	0.22
(30,1581)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	7	0.22
(30,1581)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	7	0.22
(30,1581)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	7	0.22
(30,1581)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	7	0.22
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	9	0.22
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	9	0.22
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	9	0.22
(30,1555)	1:60:A:LEU:HA	1:117:A:VAL:HG21	17	0.22
(30,1555)	1:60:A:LEU:HA	1:117:A:VAL:HG22	17	0.22
(30,1555)	1:60:A:LEU:HA	1:117:A:VAL:HG23	17	0.22
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD21	18	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD22	18	0.22
(30,1548)	1:43:A:MET:H	1:144:A:LEU:HD23	18	0.22
(30,1496)	1:114:A:ILE:HG21	1:117:A:VAL:HB	12	0.22
(30,1496)	1:114:A:ILE:HG22	1:117:A:VAL:HB	12	0.22
(30,1496)	1:114:A:ILE:HG23	1:117:A:VAL:HB	12	0.22
(30,1478)	1:101:A:ILE:HG21	1:116:A:GLN:H	1	0.22
(30,1478)	1:101:A:ILE:HG22	1:116:A:GLN:H	1	0.22
(30,1478)	1:101:A:ILE:HG23	1:116:A:GLN:H	1	0.22
(30,1460)	1:15:A:ALA:HB1	1:18:A:PHE:HB2	2	0.22
(30,1460)	1:15:A:ALA:HB2	1:18:A:PHE:HB2	2	0.22
(30,1460)	1:15:A:ALA:HB3	1:18:A:PHE:HB2	2	0.22
(30,1450)	1:47:A:ALA:HA	1:50:A:ALA:HB1	5	0.22
(30,1450)	1:47:A:ALA:HA	1:50:A:ALA:HB2	5	0.22
(30,1450)	1:47:A:ALA:HA	1:50:A:ALA:HB3	5	0.22
(30,1411)	1:149:A:ALA:HB1	1:151:A:PHE:H	2	0.22
(30,1411)	1:149:A:ALA:HB2	1:151:A:PHE:H	2	0.22
(30,1411)	1:149:A:ALA:HB3	1:151:A:PHE:H	2	0.22
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	10	0.22
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	10	0.22
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	10	0.22
(30,1360)	1:21:A:THR:H	1:21:A:THR:HG21	6	0.22
(30,1360)	1:21:A:THR:H	1:21:A:THR:HG22	6	0.22
(30,1360)	1:21:A:THR:H	1:21:A:THR:HG23	6	0.22
(30,1343)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	9	0.22
(30,1343)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	9	0.22
(30,1343)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	9	0.22
(30,1333)	1:103:A:ARG:HG2	1:106:A:ASP:HA	6	0.22
(30,1333)	1:103:A:ARG:HG3	1:106:A:ASP:HA	6	0.22
(30,1282)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	7	0.22
(30,1282)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	7	0.22
(30,1282)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	7	0.22
(30,1226)	1:143:A:TRP:H	1:144:A:LEU:HD11	11	0.22
(30,1226)	1:143:A:TRP:H	1:144:A:LEU:HD12	11	0.22
(30,1226)	1:143:A:TRP:H	1:144:A:LEU:HD13	11	0.22
(30,1031)	1:11:A:ILE:HA	1:11:A:ILE:HD11	1	0.22
(30,1031)	1:11:A:ILE:HA	1:11:A:ILE:HD12	1	0.22
(30,1031)	1:11:A:ILE:HA	1:11:A:ILE:HD13	1	0.22
(30,1029)	1:11:A:ILE:HA	1:11:A:ILE:HG12	17	0.22
(30,1007)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	4	0.22
(30,1007)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	4	0.22
(30,1007)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	4	0.22
(30,1007)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	4	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,931)	1:63:A:ILE:HG12	1:117:A:VAL:HA	13	0.22
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	14	0.22
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	14	0.22
(30,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	14	0.22
(30,889)	1:69:A:MET:HE1	1:73:A:ILE:HB	14	0.22
(30,889)	1:69:A:MET:HE2	1:73:A:ILE:HB	14	0.22
(30,889)	1:69:A:MET:HE3	1:73:A:ILE:HB	14	0.22
(30,886)	1:73:A:ILE:HB	1:76:A:ARG:HA	18	0.22
(30,860)	1:57:A:LEU:HA	1:60:A:LEU:HB3	6	0.22
(30,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	3	0.22
(30,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	3	0.22
(30,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	3	0.22
(30,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	3	0.22
(30,717)	1:76:A:ARG:HE	1:113:A:PHE:HE1	10	0.22
(30,717)	1:76:A:ARG:HE	1:113:A:PHE:HE2	10	0.22
(30,647)	1:70:A:LYS:H	1:74:A:PRO:HA	10	0.22
(30,443)	1:73:A:ILE:HB	1:76:A:ARG:H	17	0.22
(30,437)	1:68:A:LYS:H	1:68:A:LYS:HE2	17	0.22
(30,437)	1:68:A:LYS:H	1:68:A:LYS:HE3	17	0.22
(30,376)	1:41:A:LYS:H	1:44:A:GLU:HB2	16	0.22
(30,376)	1:41:A:LYS:H	1:44:A:GLU:HB3	16	0.22
(30,234)	1:110:A:MET:HE1	1:114:A:ILE:H	7	0.22
(30,234)	1:110:A:MET:HE2	1:114:A:ILE:H	7	0.22
(30,234)	1:110:A:MET:HE3	1:114:A:ILE:H	7	0.22
(30,224)	1:9:A:PHE:HE1	1:10:A:ASN:H	2	0.22
(30,224)	1:9:A:PHE:HE2	1:10:A:ASN:H	2	0.22
(30,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	5	0.22
(30,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	2	0.22
(30,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	2	0.22
(30,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	2	0.22
(30,124)	1:79:A:THR:HB	1:80:A:TYR:H	17	0.22
(30,116)	1:22:A:ASP:H	1:23:A:LEU:HB2	9	0.22
(30,116)	1:22:A:ASP:H	1:23:A:LEU:HB3	9	0.22
(30,92)	1:96:A:VAL:H	1:97:A:ASP:H	1	0.22
(30,48)	1:98:A:ILE:H	1:101:A:ILE:HB	3	0.22
(30,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	17	0.22
(29,2363)	1:123:A:CYS:H	1:128:A:LEU:HD11	19	0.22
(29,2363)	1:123:A:CYS:H	1:128:A:LEU:HD12	19	0.22
(29,2363)	1:123:A:CYS:H	1:128:A:LEU:HD13	19	0.22
(29,2363)	1:123:A:CYS:H	1:128:A:LEU:HD21	19	0.22
(29,2363)	1:123:A:CYS:H	1:128:A:LEU:HD22	19	0.22
(29,2363)	1:123:A:CYS:H	1:128:A:LEU:HD23	19	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	11	0.22
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	11	0.22
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	11	0.22
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	11	0.22
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	11	0.22
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	11	0.22
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	11	0.22
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	11	0.22
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	11	0.22
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	11	0.22
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	11	0.22
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	11	0.22
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	11	0.22
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	11	0.22
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	11	0.22
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	11	0.22
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	11	0.22
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	11	0.22
(29,2280)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	12	0.22
(29,2280)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	12	0.22
(29,2280)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	12	0.22
(29,2280)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	12	0.22
(29,2280)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	12	0.22
(29,2280)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	12	0.22
(29,2259)	1:74:A:PRO:HA	1:77:A:CYS:HB2	19	0.22
(29,2259)	1:74:A:PRO:HA	1:77:A:CYS:HB3	19	0.22
(29,2225)	1:65:A:CYS:HB2	1:69:A:MET:HE1	17	0.22
(29,2225)	1:65:A:CYS:HB2	1:69:A:MET:HE2	17	0.22
(29,2225)	1:65:A:CYS:HB2	1:69:A:MET:HE3	17	0.22
(29,2225)	1:65:A:CYS:HB3	1:69:A:MET:HE1	17	0.22
(29,2225)	1:65:A:CYS:HB3	1:69:A:MET:HE2	17	0.22
(29,2225)	1:65:A:CYS:HB3	1:69:A:MET:HE3	17	0.22
(29,2127)	1:39:A:VAL:HG11	1:143:A:TRP:H	3	0.22
(29,2127)	1:39:A:VAL:HG12	1:143:A:TRP:H	3	0.22
(29,2127)	1:39:A:VAL:HG13	1:143:A:TRP:H	3	0.22
(29,2127)	1:39:A:VAL:HG21	1:143:A:TRP:H	3	0.22
(29,2127)	1:39:A:VAL:HG22	1:143:A:TRP:H	3	0.22
(29,2127)	1:39:A:VAL:HG23	1:143:A:TRP:H	3	0.22
(29,2120)	1:39:A:VAL:HG11	1:42:A:GLU:HB2	14	0.22
(29,2120)	1:39:A:VAL:HG11	1:42:A:GLU:HB3	14	0.22
(29,2120)	1:39:A:VAL:HG12	1:42:A:GLU:HB2	14	0.22
(29,2120)	1:39:A:VAL:HG12	1:42:A:GLU:HB3	14	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2120)	1:39:A:VAL:HG13	1:42:A:GLU:HB2	14	0.22
(29,2120)	1:39:A:VAL:HG13	1:42:A:GLU:HB3	14	0.22
(29,2120)	1:39:A:VAL:HG21	1:42:A:GLU:HB2	14	0.22
(29,2120)	1:39:A:VAL:HG21	1:42:A:GLU:HB3	14	0.22
(29,2120)	1:39:A:VAL:HG22	1:42:A:GLU:HB2	14	0.22
(29,2120)	1:39:A:VAL:HG22	1:42:A:GLU:HB3	14	0.22
(29,2120)	1:39:A:VAL:HG23	1:42:A:GLU:HB2	14	0.22
(29,2120)	1:39:A:VAL:HG23	1:42:A:GLU:HB3	14	0.22
(29,2077)	1:32:A:GLY:HA2	1:34:A:LYS:H	19	0.22
(29,2077)	1:32:A:GLY:HA3	1:34:A:LYS:H	19	0.22
(29,2074)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	4	0.22
(29,2074)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	4	0.22
(29,2074)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	4	0.22
(29,2074)	1:31:A:PRO:HD2	1:144:A:LEU:HD21	4	0.22
(29,2074)	1:31:A:PRO:HD2	1:144:A:LEU:HD22	4	0.22
(29,2074)	1:31:A:PRO:HD2	1:144:A:LEU:HD23	4	0.22
(29,2074)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	4	0.22
(29,2074)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	4	0.22
(29,2074)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	4	0.22
(29,2074)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	4	0.22
(29,2074)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	4	0.22
(29,2074)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	4	0.22
(29,2014)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	13	0.22
(29,2014)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	13	0.22
(29,2014)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	13	0.22
(29,2014)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	13	0.22
(29,2014)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	13	0.22
(29,2014)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	13	0.22
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG21	2	0.22
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG22	2	0.22
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG23	2	0.22
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG21	2	0.22
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG22	2	0.22
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG23	2	0.22
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG21	2	0.22
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG22	2	0.22
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG23	2	0.22
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG21	2	0.22
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG22	2	0.22
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG23	2	0.22
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG21	2	0.22
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG22	2	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG23	2	0.22
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG21	2	0.22
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG22	2	0.22
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG23	2	0.22
(29,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD11	9	0.22
(29,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD12	9	0.22
(29,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD13	9	0.22
(29,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD21	9	0.22
(29,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD22	9	0.22
(29,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD23	9	0.22
(29,1963)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	1	0.22
(29,1963)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	1	0.22
(29,1963)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	1	0.22
(29,1963)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	1	0.22
(29,1963)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	1	0.22
(29,1963)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	1	0.22
(29,1925)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	12	0.22
(29,1925)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	12	0.22
(29,1925)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	12	0.22
(29,1925)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	12	0.22
(29,1925)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	12	0.22
(29,1925)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	12	0.22
(29,1805)	1:80:A:TYR:HD1	1:81:A:GLU:HA	14	0.22
(29,1805)	1:80:A:TYR:HD2	1:81:A:GLU:HA	14	0.22
(29,1752)	1:98:A:ILE:HG21	1:102:A:PRO:HD3	19	0.22
(29,1752)	1:98:A:ILE:HG22	1:102:A:PRO:HD3	19	0.22
(29,1752)	1:98:A:ILE:HG23	1:102:A:PRO:HD3	19	0.22
(29,1722)	1:34:A:LYS:HA	1:35:A:LEU:HB3	16	0.22
(29,1668)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	19	0.22
(29,1668)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	19	0.22
(29,1668)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	19	0.22
(29,1668)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	19	0.22
(29,1668)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	19	0.22
(29,1668)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	19	0.22
(29,1668)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	19	0.22
(29,1668)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	19	0.22
(29,1668)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	19	0.22
(29,1580)	1:11:A:ILE:HD11	1:14:A:VAL:H	17	0.22
(29,1580)	1:11:A:ILE:HD12	1:14:A:VAL:H	17	0.22
(29,1580)	1:11:A:ILE:HD13	1:14:A:VAL:H	17	0.22
(29,1560)	1:144:A:LEU:HD21	1:147:A:ARG:HE	1	0.22
(29,1560)	1:144:A:LEU:HD22	1:147:A:ARG:HE	1	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1560)	1:144:A:LEU:HD23	1:147:A:ARG:HE	1	0.22
(29,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE1	11	0.22
(29,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE2	11	0.22
(29,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE3	11	0.22
(29,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE1	11	0.22
(29,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE2	11	0.22
(29,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE3	11	0.22
(29,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE1	11	0.22
(29,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE2	11	0.22
(29,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE3	11	0.22
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE1	7	0.22
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE2	7	0.22
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE3	7	0.22
(29,1507)	1:114:A:ILE:HG21	1:117:A:VAL:HB	12	0.22
(29,1507)	1:114:A:ILE:HG22	1:117:A:VAL:HB	12	0.22
(29,1507)	1:114:A:ILE:HG23	1:117:A:VAL:HB	12	0.22
(29,1488)	1:101:A:ILE:HG21	1:116:A:GLN:H	1	0.22
(29,1488)	1:101:A:ILE:HG22	1:116:A:GLN:H	1	0.22
(29,1488)	1:101:A:ILE:HG23	1:116:A:GLN:H	1	0.22
(29,1464)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	3	0.22
(29,1464)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	3	0.22
(29,1464)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	3	0.22
(29,1390)	1:100:A:ALA:HA	1:119:A:LEU:HD11	13	0.22
(29,1390)	1:100:A:ALA:HA	1:119:A:LEU:HD12	13	0.22
(29,1390)	1:100:A:ALA:HA	1:119:A:LEU:HD13	13	0.22
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG11	6	0.22
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG12	6	0.22
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG13	6	0.22
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD11	1	0.22
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD12	1	0.22
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD13	1	0.22
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD11	1	0.22
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD12	1	0.22
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD13	1	0.22
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD11	1	0.22
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD12	1	0.22
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD13	1	0.22
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD11	16	0.22
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD12	16	0.22
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD13	16	0.22
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD11	16	0.22
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD12	16	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD13	16	0.22
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD11	16	0.22
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD12	16	0.22
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD13	16	0.22
(29,1299)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	7	0.22
(29,1299)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	7	0.22
(29,1299)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	7	0.22
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD21	10	0.22
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD22	10	0.22
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD23	10	0.22
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD21	16	0.22
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD22	16	0.22
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD23	16	0.22
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD21	18	0.22
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD22	18	0.22
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD23	18	0.22
(29,1190)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	9	0.22
(29,1190)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	9	0.22
(29,1190)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	9	0.22
(29,1125)	1:129:A:LYS:HA	1:132:A:ALA:HB1	13	0.22
(29,1125)	1:129:A:LYS:HA	1:132:A:ALA:HB2	13	0.22
(29,1125)	1:129:A:LYS:HA	1:132:A:ALA:HB3	13	0.22
(29,1078)	1:71:A:LYS:HG3	1:72:A:PHE:HA	9	0.22
(29,1035)	1:113:A:PHE:HA	1:116:A:GLN:HG3	13	0.22
(29,961)	1:39:A:VAL:HA	1:43:A:MET:HG3	4	0.22
(29,946)	1:63:A:ILE:HG12	1:117:A:VAL:HA	13	0.22
(29,927)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	7	0.22
(29,927)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	7	0.22
(29,927)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	7	0.22
(29,922)	1:44:A:GLU:HA	1:44:A:GLU:HG2	3	0.22
(29,922)	1:44:A:GLU:HA	1:44:A:GLU:HG2	13	0.22
(29,834)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	10	0.22
(29,834)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	10	0.22
(29,834)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	10	0.22
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	7	0.22
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	7	0.22
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	7	0.22
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	7	0.22
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	7	0.22
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	7	0.22
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	7	0.22
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	7	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	7	0.22
(29,731)	1:76:A:ARG:HE	1:113:A:PHE:HE1	10	0.22
(29,731)	1:76:A:ARG:HE	1:113:A:PHE:HE2	10	0.22
(29,654)	1:70:A:LYS:H	1:74:A:PRO:HA	10	0.22
(29,486)	1:147:A:ARG:HG2	1:148:A:CYS:H	19	0.22
(29,486)	1:147:A:ARG:HG3	1:148:A:CYS:H	19	0.22
(29,476)	1:48:A:ARG:HA	1:53:A:THR:H	2	0.22
(29,279)	1:113:A:PHE:H	1:116:A:GLN:HG3	17	0.22
(29,263)	1:27:A:ARG:HB3	1:29:A:LYS:H	10	0.22
(29,263)	1:27:A:ARG:HB3	1:29:A:LYS:H	18	0.22
(29,235)	1:110:A:MET:HE1	1:114:A:ILE:H	7	0.22
(29,235)	1:110:A:MET:HE2	1:114:A:ILE:H	7	0.22
(29,235)	1:110:A:MET:HE3	1:114:A:ILE:H	7	0.22
(29,222)	1:44:A:GLU:HB2	1:48:A:ARG:H	4	0.22
(29,222)	1:44:A:GLU:HB3	1:48:A:ARG:H	4	0.22
(29,183)	1:8:A:ASP:H	1:58:A:ILE:HD11	1	0.22
(29,183)	1:8:A:ASP:H	1:58:A:ILE:HD12	1	0.22
(29,183)	1:8:A:ASP:H	1:58:A:ILE:HD13	1	0.22
(29,119)	1:22:A:ASP:H	1:23:A:LEU:HB2	9	0.22
(29,119)	1:22:A:ASP:H	1:23:A:LEU:HB3	9	0.22
(29,83)	1:43:A:MET:HB2	1:45:A:ALA:H	2	0.22
(29,54)	1:98:A:ILE:H	1:101:A:ILE:HB	3	0.22
(29,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	17	0.22
(24,27)	1:113:A:PHE:H	1:109:A:PRO:O	11	0.22
(24,27)	1:113:A:PHE:H	1:109:A:PRO:O	16	0.22
(24,25)	1:107:A:LEU:H	1:103:A:ARG:O	9	0.22
(24,25)	1:107:A:LEU:H	1:103:A:ARG:O	19	0.22
(24,23)	1:101:A:ILE:H	1:98:A:ILE:O	8	0.22
(24,23)	1:101:A:ILE:H	1:98:A:ILE:O	19	0.22
(22,28)	1:115:A:ALA:N	1:111:A:GLU:C	4	0.22
(22,22)	1:107:A:LEU:N	1:103:A:ARG:C	14	0.22
(22,8)	1:45:A:ALA:N	1:41:A:LYS:C	5	0.22
(22,4)	1:39:A:VAL:N	1:36:A:PRO:C	8	0.22
(22,2)	1:17:A:ASN:N	1:13:A:ALA:C	11	0.22
(18,2459)	1:143:A:TRP:H	1:144:A:LEU:HD11	5	0.22
(18,2459)	1:143:A:TRP:H	1:144:A:LEU:HD12	5	0.22
(18,2459)	1:143:A:TRP:H	1:144:A:LEU:HD13	5	0.22
(18,2459)	1:143:A:TRP:H	1:144:A:LEU:HD21	5	0.22
(18,2459)	1:143:A:TRP:H	1:144:A:LEU:HD22	5	0.22
(18,2459)	1:143:A:TRP:H	1:144:A:LEU:HD23	5	0.22
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB1	3	0.22
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB2	3	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB3	3	0.22
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB1	3	0.22
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB2	3	0.22
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB3	3	0.22
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB1	3	0.22
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB2	3	0.22
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB3	3	0.22
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB1	3	0.22
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB2	3	0.22
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB3	3	0.22
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB1	3	0.22
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB2	3	0.22
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB3	3	0.22
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB1	3	0.22
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB2	3	0.22
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB3	3	0.22
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD11	11	0.22
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD12	11	0.22
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD13	11	0.22
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD21	11	0.22
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD22	11	0.22
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD23	11	0.22
(18,2317)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	6	0.22
(18,2317)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	6	0.22
(18,2317)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	6	0.22
(18,2317)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	6	0.22
(18,2317)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	6	0.22
(18,2317)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	6	0.22
(18,2317)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	6	0.22
(18,2317)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	6	0.22
(18,2317)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	6	0.22
(18,2317)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	6	0.22
(18,2317)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	6	0.22
(18,2317)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	6	0.22
(18,2277)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	18	0.22
(18,2277)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	18	0.22
(18,2277)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	18	0.22
(18,2277)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	18	0.22
(18,2277)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	18	0.22
(18,2277)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	18	0.22
(18,2262)	1:76:A:ARG:HB2	1:113:A:PHE:HB2	1	0.22
(18,2262)	1:76:A:ARG:HB3	1:113:A:PHE:HB2	1	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2222)	1:60:A:LEU:HD11	1:120:A:CYS:HA	2	0.22
(18,2222)	1:60:A:LEU:HD12	1:120:A:CYS:HA	2	0.22
(18,2222)	1:60:A:LEU:HD13	1:120:A:CYS:HA	2	0.22
(18,2222)	1:60:A:LEU:HD21	1:120:A:CYS:HA	2	0.22
(18,2222)	1:60:A:LEU:HD22	1:120:A:CYS:HA	2	0.22
(18,2222)	1:60:A:LEU:HD23	1:120:A:CYS:HA	2	0.22
(18,2208)	1:57:A:LEU:HG	1:60:A:LEU:HD11	10	0.22
(18,2208)	1:57:A:LEU:HG	1:60:A:LEU:HD12	10	0.22
(18,2208)	1:57:A:LEU:HG	1:60:A:LEU:HD13	10	0.22
(18,2208)	1:57:A:LEU:HG	1:60:A:LEU:HD21	10	0.22
(18,2208)	1:57:A:LEU:HG	1:60:A:LEU:HD22	10	0.22
(18,2208)	1:57:A:LEU:HG	1:60:A:LEU:HD23	10	0.22
(18,2166)	1:46:A:ASN:HB2	1:134:A:VAL:HB	9	0.22
(18,2166)	1:46:A:ASN:HB3	1:134:A:VAL:HB	9	0.22
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD11	18	0.22
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD12	18	0.22
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD13	18	0.22
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD21	18	0.22
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD22	18	0.22
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD23	18	0.22
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD11	13	0.22
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD12	13	0.22
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD13	13	0.22
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD21	13	0.22
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD22	13	0.22
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD23	13	0.22
(18,2037)	1:23:A:LEU:HD11	1:24:A:ASP:H	5	0.22
(18,2037)	1:23:A:LEU:HD12	1:24:A:ASP:H	5	0.22
(18,2037)	1:23:A:LEU:HD13	1:24:A:ASP:H	5	0.22
(18,2037)	1:23:A:LEU:HD21	1:24:A:ASP:H	5	0.22
(18,2037)	1:23:A:LEU:HD22	1:24:A:ASP:H	5	0.22
(18,2037)	1:23:A:LEU:HD23	1:24:A:ASP:H	5	0.22
(18,2026)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	2	0.22
(18,2026)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	2	0.22
(18,2026)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	2	0.22
(18,2026)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	2	0.22
(18,2026)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	2	0.22
(18,2026)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	2	0.22
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	13	0.22
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	13	0.22
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	13	0.22
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	13	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	13	0.22
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	13	0.22
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	13	0.22
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	13	0.22
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	13	0.22
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	13	0.22
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	13	0.22
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	13	0.22
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	13	0.22
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	13	0.22
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	13	0.22
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	13	0.22
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	13	0.22
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	13	0.22
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD11	13	0.22
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD12	13	0.22
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD13	13	0.22
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD21	13	0.22
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD22	13	0.22
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD23	13	0.22
(18,1923)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	7	0.22
(18,1923)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	7	0.22
(18,1923)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	7	0.22
(18,1923)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	7	0.22
(18,1898)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	13	0.22
(18,1898)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	13	0.22
(18,1879)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	13	0.22
(18,1879)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	13	0.22
(18,1879)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	13	0.22
(18,1843)	1:9:A:PHE:HZ	1:11:A:ILE:HA	1	0.22
(18,1834)	1:80:A:TYR:HE1	1:81:A:GLU:HB3	9	0.22
(18,1834)	1:80:A:TYR:HE2	1:81:A:GLU:HB3	9	0.22
(18,1765)	1:80:A:TYR:HD1	1:81:A:GLU:HA	14	0.22
(18,1765)	1:80:A:TYR:HD2	1:81:A:GLU:HA	14	0.22
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	6	0.22
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	6	0.22
(18,1727)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	6	0.22
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	6	0.22
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	6	0.22
(18,1727)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	6	0.22
(18,1672)	1:72:A:PHE:HB2	1:109:A:PRO:HA	7	0.22
(18,1633)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	11	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1633)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	11	0.22
(18,1633)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	11	0.22
(18,1575)	1:98:A:ILE:HG21	1:104:A:PHE:HE1	18	0.22
(18,1575)	1:98:A:ILE:HG21	1:104:A:PHE:HE2	18	0.22
(18,1575)	1:98:A:ILE:HG22	1:104:A:PHE:HE1	18	0.22
(18,1575)	1:98:A:ILE:HG22	1:104:A:PHE:HE2	18	0.22
(18,1575)	1:98:A:ILE:HG23	1:104:A:PHE:HE1	18	0.22
(18,1575)	1:98:A:ILE:HG23	1:104:A:PHE:HE2	18	0.22
(18,1551)	1:11:A:ILE:HD11	1:14:A:VAL:H	17	0.22
(18,1551)	1:11:A:ILE:HD12	1:14:A:VAL:H	17	0.22
(18,1551)	1:11:A:ILE:HD13	1:14:A:VAL:H	17	0.22
(18,1528)	1:110:A:MET:HE1	1:114:A:ILE:HG12	3	0.22
(18,1528)	1:110:A:MET:HE2	1:114:A:ILE:HG12	3	0.22
(18,1528)	1:110:A:MET:HE3	1:114:A:ILE:HG12	3	0.22
(18,1528)	1:110:A:MET:HE1	1:114:A:ILE:HG12	4	0.22
(18,1528)	1:110:A:MET:HE2	1:114:A:ILE:HG12	4	0.22
(18,1528)	1:110:A:MET:HE3	1:114:A:ILE:HG12	4	0.22
(18,1517)	1:69:A:MET:HE1	1:113:A:PHE:HB3	10	0.22
(18,1517)	1:69:A:MET:HE2	1:113:A:PHE:HB3	10	0.22
(18,1517)	1:69:A:MET:HE3	1:113:A:PHE:HB3	10	0.22
(18,1512)	1:69:A:MET:HE1	1:113:A:PHE:HD1	5	0.22
(18,1512)	1:69:A:MET:HE1	1:113:A:PHE:HD2	5	0.22
(18,1512)	1:69:A:MET:HE2	1:113:A:PHE:HD1	5	0.22
(18,1512)	1:69:A:MET:HE2	1:113:A:PHE:HD2	5	0.22
(18,1512)	1:69:A:MET:HE3	1:113:A:PHE:HD1	5	0.22
(18,1512)	1:69:A:MET:HE3	1:113:A:PHE:HD2	5	0.22
(18,1504)	1:11:A:ILE:HG21	1:43:A:MET:HE1	11	0.22
(18,1504)	1:11:A:ILE:HG21	1:43:A:MET:HE2	11	0.22
(18,1504)	1:11:A:ILE:HG21	1:43:A:MET:HE3	11	0.22
(18,1504)	1:11:A:ILE:HG22	1:43:A:MET:HE1	11	0.22
(18,1504)	1:11:A:ILE:HG22	1:43:A:MET:HE2	11	0.22
(18,1504)	1:11:A:ILE:HG22	1:43:A:MET:HE3	11	0.22
(18,1504)	1:11:A:ILE:HG23	1:43:A:MET:HE1	11	0.22
(18,1504)	1:11:A:ILE:HG23	1:43:A:MET:HE2	11	0.22
(18,1504)	1:11:A:ILE:HG23	1:43:A:MET:HE3	11	0.22
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG21	2	0.22
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG22	2	0.22
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG23	2	0.22
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG21	4	0.22
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG22	4	0.22
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG23	4	0.22
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG21	8	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG22	8	0.22
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG23	8	0.22
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG21	10	0.22
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG22	10	0.22
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG23	10	0.22
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG21	12	0.22
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG22	12	0.22
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG23	12	0.22
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG21	13	0.22
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG22	13	0.22
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG23	13	0.22
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG21	14	0.22
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG22	14	0.22
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG23	14	0.22
(18,1424)	1:119:A:LEU:HA	1:121:A:VAL:HG21	5	0.22
(18,1424)	1:119:A:LEU:HA	1:121:A:VAL:HG22	5	0.22
(18,1424)	1:119:A:LEU:HA	1:121:A:VAL:HG23	5	0.22
(18,1400)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	7	0.22
(18,1400)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	7	0.22
(18,1400)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	7	0.22
(18,1400)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	7	0.22
(18,1400)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	7	0.22
(18,1400)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	7	0.22
(18,1377)	1:49:A:LYS:HG2	1:50:A:ALA:HA	18	0.22
(18,1377)	1:49:A:LYS:HG3	1:50:A:ALA:HA	18	0.22
(18,1358)	1:21:A:THR:H	1:21:A:THR:HG21	16	0.22
(18,1358)	1:21:A:THR:H	1:21:A:THR:HG22	16	0.22
(18,1358)	1:21:A:THR:H	1:21:A:THR:HG23	16	0.22
(18,1358)	1:21:A:THR:H	1:21:A:THR:HG21	18	0.22
(18,1358)	1:21:A:THR:H	1:21:A:THR:HG22	18	0.22
(18,1358)	1:21:A:THR:H	1:21:A:THR:HG23	18	0.22
(18,1333)	1:103:A:ARG:HG2	1:106:A:ASP:HA	6	0.22
(18,1333)	1:103:A:ARG:HG3	1:106:A:ASP:HA	6	0.22
(18,1284)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	7	0.22
(18,1284)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	7	0.22
(18,1284)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	7	0.22
(18,1196)	1:23:A:LEU:HD21	1:24:A:ASP:H	18	0.22
(18,1196)	1:23:A:LEU:HD22	1:24:A:ASP:H	18	0.22
(18,1196)	1:23:A:LEU:HD23	1:24:A:ASP:H	18	0.22
(18,1130)	1:143:A:TRP:HA	1:143:A:TRP:HE3	9	0.22
(18,1054)	1:11:A:ILE:HA	1:11:A:ILE:HG12	17	0.22
(18,1043)	1:41:A:LYS:HA	1:44:A:GLU:HB2	6	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1043)	1:41:A:LYS:HA	1:44:A:GLU:HB3	6	0.22
(18,1029)	1:81:A:GLU:H	1:81:A:GLU:HB2	5	0.22
(18,1010)	1:98:A:ILE:HB	1:105:A:LYS:HB2	3	0.22
(18,1010)	1:98:A:ILE:HB	1:105:A:LYS:HB3	3	0.22
(18,979)	1:110:A:MET:HG2	1:114:A:ILE:HD11	17	0.22
(18,979)	1:110:A:MET:HG2	1:114:A:ILE:HD12	17	0.22
(18,979)	1:110:A:MET:HG2	1:114:A:ILE:HD13	17	0.22
(18,979)	1:110:A:MET:HG3	1:114:A:ILE:HD11	17	0.22
(18,979)	1:110:A:MET:HG3	1:114:A:ILE:HD12	17	0.22
(18,979)	1:110:A:MET:HG3	1:114:A:ILE:HD13	17	0.22
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG2	10	0.22
(18,957)	1:12:A:VAL:HA	1:31:A:PRO:HG3	10	0.22
(18,947)	1:63:A:ILE:HG12	1:117:A:VAL:HA	13	0.22
(18,924)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	7	0.22
(18,924)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	7	0.22
(18,924)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	7	0.22
(18,906)	1:73:A:ILE:HB	1:76:A:ARG:HA	18	0.22
(18,884)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	5	0.22
(18,884)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	5	0.22
(18,884)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	5	0.22
(18,825)	1:98:A:ILE:HD11	1:101:A:ILE:H	9	0.22
(18,825)	1:98:A:ILE:HD12	1:101:A:ILE:H	9	0.22
(18,825)	1:98:A:ILE:HD13	1:101:A:ILE:H	9	0.22
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	7	0.22
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	7	0.22
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	7	0.22
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	7	0.22
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	7	0.22
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	7	0.22
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	7	0.22
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	7	0.22
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	7	0.22
(18,783)	1:101:A:ILE:HD11	1:104:A:PHE:H	2	0.22
(18,783)	1:101:A:ILE:HD12	1:104:A:PHE:H	2	0.22
(18,783)	1:101:A:ILE:HD13	1:104:A:PHE:H	2	0.22
(18,783)	1:101:A:ILE:HD11	1:104:A:PHE:H	14	0.22
(18,783)	1:101:A:ILE:HD12	1:104:A:PHE:H	14	0.22
(18,783)	1:101:A:ILE:HD13	1:104:A:PHE:H	14	0.22
(18,735)	1:76:A:ARG:HE	1:113:A:PHE:HE1	10	0.22
(18,735)	1:76:A:ARG:HE	1:113:A:PHE:HE2	10	0.22
(18,711)	1:98:A:ILE:H	1:100:A:ALA:H	12	0.22
(18,661)	1:70:A:LYS:H	1:74:A:PRO:HA	10	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,593)	1:129:A:LYS:HB2	1:130:A:GLY:H	2	0.22
(18,593)	1:129:A:LYS:HB3	1:130:A:GLY:H	2	0.22
(18,593)	1:129:A:LYS:HB2	1:130:A:GLY:H	15	0.22
(18,593)	1:129:A:LYS:HB3	1:130:A:GLY:H	15	0.22
(18,593)	1:129:A:LYS:HB2	1:130:A:GLY:H	18	0.22
(18,593)	1:129:A:LYS:HB3	1:130:A:GLY:H	18	0.22
(18,485)	1:48:A:ARG:HA	1:53:A:THR:H	11	0.22
(18,450)	1:143:A:TRP:H	1:144:A:LEU:HD11	11	0.22
(18,450)	1:143:A:TRP:H	1:144:A:LEU:HD12	11	0.22
(18,450)	1:143:A:TRP:H	1:144:A:LEU:HD13	11	0.22
(18,237)	1:110:A:MET:HE1	1:114:A:ILE:H	7	0.22
(18,237)	1:110:A:MET:HE2	1:114:A:ILE:H	7	0.22
(18,237)	1:110:A:MET:HE3	1:114:A:ILE:H	7	0.22
(18,228)	1:9:A:PHE:HE1	1:10:A:ASN:H	2	0.22
(18,228)	1:9:A:PHE:HE2	1:10:A:ASN:H	2	0.22
(18,223)	1:44:A:GLU:HB2	1:48:A:ARG:H	15	0.22
(18,223)	1:44:A:GLU:HB3	1:48:A:ARG:H	15	0.22
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD11	10	0.22
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD12	10	0.22
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD13	10	0.22
(18,196)	1:44:A:GLU:H	1:44:A:GLU:HG2	4	0.22
(18,127)	1:48:A:ARG:HD2	1:49:A:LYS:H	4	0.22
(18,127)	1:48:A:ARG:HD3	1:49:A:LYS:H	4	0.22
(17,2458)	1:140:A:LEU:HD11	1:144:A:LEU:H	1	0.22
(17,2458)	1:140:A:LEU:HD12	1:144:A:LEU:H	1	0.22
(17,2458)	1:140:A:LEU:HD13	1:144:A:LEU:H	1	0.22
(17,2458)	1:140:A:LEU:HD21	1:144:A:LEU:H	1	0.22
(17,2458)	1:140:A:LEU:HD22	1:144:A:LEU:H	1	0.22
(17,2458)	1:140:A:LEU:HD23	1:144:A:LEU:H	1	0.22
(17,2280)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	10	0.22
(17,2280)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	10	0.22
(17,2280)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	10	0.22
(17,2280)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	10	0.22
(17,2264)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	2	0.22
(17,2264)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	2	0.22
(17,2264)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	6	0.22
(17,2264)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	6	0.22
(17,2264)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	12	0.22
(17,2264)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	12	0.22
(17,2240)	1:65:A:CYS:HB2	1:70:A:LYS:HA	14	0.22
(17,2240)	1:65:A:CYS:HB3	1:70:A:LYS:HA	14	0.22
(17,2238)	1:65:A:CYS:HB2	1:69:A:MET:HE1	17	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2238)	1:65:A:CYS:HB2	1:69:A:MET:HE2	17	0.22
(17,2238)	1:65:A:CYS:HB2	1:69:A:MET:HE3	17	0.22
(17,2238)	1:65:A:CYS:HB3	1:69:A:MET:HE1	17	0.22
(17,2238)	1:65:A:CYS:HB3	1:69:A:MET:HE2	17	0.22
(17,2238)	1:65:A:CYS:HB3	1:69:A:MET:HE3	17	0.22
(17,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	10	0.22
(17,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	10	0.22
(17,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	10	0.22
(17,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD21	10	0.22
(17,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD22	10	0.22
(17,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD23	10	0.22
(17,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	10	0.22
(17,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	10	0.22
(17,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	10	0.22
(17,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD21	10	0.22
(17,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD22	10	0.22
(17,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD23	10	0.22
(17,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	10	0.22
(17,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	10	0.22
(17,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	10	0.22
(17,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD21	10	0.22
(17,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD22	10	0.22
(17,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD23	10	0.22
(17,2161)	1:43:A:MET:HA	1:134:A:VAL:HG11	2	0.22
(17,2161)	1:43:A:MET:HA	1:134:A:VAL:HG12	2	0.22
(17,2161)	1:43:A:MET:HA	1:134:A:VAL:HG13	2	0.22
(17,2161)	1:43:A:MET:HA	1:134:A:VAL:HG21	2	0.22
(17,2161)	1:43:A:MET:HA	1:134:A:VAL:HG22	2	0.22
(17,2161)	1:43:A:MET:HA	1:134:A:VAL:HG23	2	0.22
(17,2141)	1:40:A:LEU:HA	1:43:A:MET:HG2	5	0.22
(17,2141)	1:40:A:LEU:HA	1:43:A:MET:HG3	5	0.22
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD11	4	0.22
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD12	4	0.22
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD13	4	0.22
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD21	4	0.22
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD22	4	0.22
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD23	4	0.22
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD11	12	0.22
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD12	12	0.22
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD13	12	0.22
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD21	12	0.22
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD22	12	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD23	12	0.22
(17,2116)	1:39:A:VAL:HA	1:43:A:MET:HG2	15	0.22
(17,2116)	1:39:A:VAL:HA	1:43:A:MET:HG3	15	0.22
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD11	9	0.22
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD12	9	0.22
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD13	9	0.22
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD21	9	0.22
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD22	9	0.22
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD23	9	0.22
(17,2003)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	14	0.22
(17,2003)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	14	0.22
(17,2003)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	14	0.22
(17,2003)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	14	0.22
(17,2003)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	14	0.22
(17,2003)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	14	0.22
(17,2003)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	14	0.22
(17,2003)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	14	0.22
(17,2003)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	14	0.22
(17,2003)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	14	0.22
(17,2003)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	14	0.22
(17,2003)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	14	0.22
(17,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD11	9	0.22
(17,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD12	9	0.22
(17,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD13	9	0.22
(17,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD21	9	0.22
(17,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD22	9	0.22
(17,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD23	9	0.22
(17,1944)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	16	0.22
(17,1944)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	16	0.22
(17,1944)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	16	0.22
(17,1944)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	16	0.22
(17,1944)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	16	0.22
(17,1944)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	16	0.22
(17,1935)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	3	0.22
(17,1935)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	3	0.22
(17,1935)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	3	0.22
(17,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	12	0.22
(17,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	12	0.22
(17,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	12	0.22
(17,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	12	0.22
(17,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	12	0.22
(17,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	12	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	13	0.22
(17,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	13	0.22
(17,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	13	0.22
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	10	0.22
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	10	0.22
(17,1832)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	10	0.22
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	10	0.22
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	10	0.22
(17,1832)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	10	0.22
(17,1787)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	1	0.22
(17,1787)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	1	0.22
(17,1787)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	3	0.22
(17,1787)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	3	0.22
(17,1787)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	5	0.22
(17,1787)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	5	0.22
(17,1748)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	1	0.22
(17,1748)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	1	0.22
(17,1748)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	1	0.22
(17,1741)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	11	0.22
(17,1741)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	11	0.22
(17,1741)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	11	0.22
(17,1718)	1:34:A:LYS:HA	1:35:A:LEU:HB3	16	0.22
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD21	15	0.22
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD22	15	0.22
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD23	15	0.22
(17,1552)	1:69:A:MET:HE1	1:76:A:ARG:HG2	16	0.22
(17,1552)	1:69:A:MET:HE1	1:76:A:ARG:HG3	16	0.22
(17,1552)	1:69:A:MET:HE2	1:76:A:ARG:HG2	16	0.22
(17,1552)	1:69:A:MET:HE2	1:76:A:ARG:HG3	16	0.22
(17,1552)	1:69:A:MET:HE3	1:76:A:ARG:HG2	16	0.22
(17,1552)	1:69:A:MET:HE3	1:76:A:ARG:HG3	16	0.22
(17,1542)	1:69:A:MET:HE1	1:113:A:PHE:HD1	5	0.22
(17,1542)	1:69:A:MET:HE1	1:113:A:PHE:HD2	5	0.22
(17,1542)	1:69:A:MET:HE2	1:113:A:PHE:HD1	5	0.22
(17,1542)	1:69:A:MET:HE2	1:113:A:PHE:HD2	5	0.22
(17,1542)	1:69:A:MET:HE3	1:113:A:PHE:HD1	5	0.22
(17,1542)	1:69:A:MET:HE3	1:113:A:PHE:HD2	5	0.22
(17,1502)	1:101:A:ILE:HG21	1:116:A:GLN:H	1	0.22
(17,1502)	1:101:A:ILE:HG22	1:116:A:GLN:H	1	0.22
(17,1502)	1:101:A:ILE:HG23	1:116:A:GLN:H	1	0.22
(17,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	3	0.22
(17,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	3	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	3	0.22
(17,1469)	1:47:A:ALA:HA	1:50:A:ALA:HB1	6	0.22
(17,1469)	1:47:A:ALA:HA	1:50:A:ALA:HB2	6	0.22
(17,1469)	1:47:A:ALA:HA	1:50:A:ALA:HB3	6	0.22
(17,1457)	1:101:A:ILE:HB	1:115:A:ALA:HB1	19	0.22
(17,1457)	1:101:A:ILE:HB	1:115:A:ALA:HB2	19	0.22
(17,1457)	1:101:A:ILE:HB	1:115:A:ALA:HB3	19	0.22
(17,1388)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	8	0.22
(17,1388)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	8	0.22
(17,1388)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	8	0.22
(17,1380)	1:21:A:THR:H	1:21:A:THR:HG21	6	0.22
(17,1380)	1:21:A:THR:H	1:21:A:THR:HG22	6	0.22
(17,1380)	1:21:A:THR:H	1:21:A:THR:HG23	6	0.22
(17,1356)	1:17:A:ASN:HA	1:76:A:ARG:HA	11	0.22
(17,1296)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	7	0.22
(17,1296)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	7	0.22
(17,1296)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	7	0.22
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	2	0.22
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	2	0.22
(17,1253)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	2	0.22
(17,1230)	1:37:A:LEU:HA	1:37:A:LEU:HD21	14	0.22
(17,1230)	1:37:A:LEU:HA	1:37:A:LEU:HD22	14	0.22
(17,1230)	1:37:A:LEU:HA	1:37:A:LEU:HD23	14	0.22
(17,1212)	1:41:A:LYS:H	1:41:A:LYS:HG3	8	0.22
(17,1095)	1:141:A:LYS:HA	1:148:A:CYS:HB3	14	0.22
(17,1090)	1:38:A:GLU:HA	1:139:A:LEU:HD11	14	0.22
(17,1090)	1:38:A:GLU:HA	1:139:A:LEU:HD12	14	0.22
(17,1090)	1:38:A:GLU:HA	1:139:A:LEU:HD13	14	0.22
(17,1048)	1:11:A:ILE:HA	1:11:A:ILE:HD11	1	0.22
(17,1048)	1:11:A:ILE:HA	1:11:A:ILE:HD12	1	0.22
(17,1048)	1:11:A:ILE:HA	1:11:A:ILE:HD13	1	0.22
(17,1032)	1:8:A:ASP:H	1:58:A:ILE:HG13	9	0.22
(17,1032)	1:8:A:ASP:H	1:58:A:ILE:HG13	15	0.22
(17,1004)	1:98:A:ILE:HB	1:105:A:LYS:HB2	3	0.22
(17,1004)	1:98:A:ILE:HB	1:105:A:LYS:HB3	3	0.22
(17,942)	1:63:A:ILE:HG12	1:117:A:VAL:HA	13	0.22
(17,924)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	7	0.22
(17,924)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	7	0.22
(17,924)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	7	0.22
(17,872)	1:57:A:LEU:HA	1:60:A:LEU:HB3	6	0.22
(17,867)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	2	0.22
(17,849)	1:48:A:ARG:HD2	1:49:A:LYS:H	13	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,849)	1:48:A:ARG:HD3	1:49:A:LYS:H	13	0.22
(17,829)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	10	0.22
(17,829)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	10	0.22
(17,829)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	10	0.22
(17,822)	1:98:A:ILE:HD11	1:101:A:ILE:H	9	0.22
(17,822)	1:98:A:ILE:HD12	1:101:A:ILE:H	9	0.22
(17,822)	1:98:A:ILE:HD13	1:101:A:ILE:H	9	0.22
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	7	0.22
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	7	0.22
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	7	0.22
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	7	0.22
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	7	0.22
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	7	0.22
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	7	0.22
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	7	0.22
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	7	0.22
(17,788)	1:101:A:ILE:HD11	1:119:A:LEU:HG	15	0.22
(17,788)	1:101:A:ILE:HD12	1:119:A:LEU:HG	15	0.22
(17,788)	1:101:A:ILE:HD13	1:119:A:LEU:HG	15	0.22
(17,697)	1:98:A:ILE:H	1:100:A:ALA:H	12	0.22
(17,694)	1:56:A:CYS:H	1:122:A:ASP:HB2	13	0.22
(17,650)	1:70:A:LYS:H	1:74:A:PRO:HA	10	0.22
(17,568)	1:12:A:VAL:HG11	1:16:A:SER:H	17	0.22
(17,568)	1:12:A:VAL:HG12	1:16:A:SER:H	17	0.22
(17,568)	1:12:A:VAL:HG13	1:16:A:SER:H	17	0.22
(17,476)	1:147:A:ARG:HG2	1:148:A:CYS:H	19	0.22
(17,476)	1:147:A:ARG:HG3	1:148:A:CYS:H	19	0.22
(17,276)	1:113:A:PHE:H	1:116:A:GLN:HG3	17	0.22
(17,229)	1:110:A:MET:HE1	1:114:A:ILE:H	7	0.22
(17,229)	1:110:A:MET:HE2	1:114:A:ILE:H	7	0.22
(17,229)	1:110:A:MET:HE3	1:114:A:ILE:H	7	0.22
(17,219)	1:9:A:PHE:HE1	1:10:A:ASN:H	2	0.22
(17,219)	1:9:A:PHE:HE2	1:10:A:ASN:H	2	0.22
(17,214)	1:44:A:GLU:HB2	1:48:A:ARG:H	15	0.22
(17,214)	1:44:A:GLU:HB3	1:48:A:ARG:H	15	0.22
(17,176)	1:8:A:ASP:H	1:58:A:ILE:HD11	1	0.22
(17,176)	1:8:A:ASP:H	1:58:A:ILE:HD12	1	0.22
(17,176)	1:8:A:ASP:H	1:58:A:ILE:HD13	1	0.22
(17,154)	1:67:A:PRO:HD3	1:95:A:ILE:H	17	0.22
(17,50)	1:98:A:ILE:H	1:101:A:ILE:HB	3	0.22
(17,16)	1:64:A:LYS:H	1:64:A:LYS:HD2	9	0.22
(17,16)	1:64:A:LYS:H	1:64:A:LYS:HD3	9	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,8)	1:63:A:ILE:HG13	1:64:A:LYS:H	13	0.22
(17,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	3	0.22
(16,2339)	1:108:A:GLU:HB2	1:111:A:GLU:HG2	16	0.22
(16,2339)	1:108:A:GLU:HB3	1:111:A:GLU:HG2	16	0.22
(16,2332)	1:107:A:LEU:HD11	1:115:A:ALA:H	10	0.22
(16,2332)	1:107:A:LEU:HD12	1:115:A:ALA:H	10	0.22
(16,2332)	1:107:A:LEU:HD13	1:115:A:ALA:H	10	0.22
(16,2332)	1:107:A:LEU:HD21	1:115:A:ALA:H	10	0.22
(16,2332)	1:107:A:LEU:HD22	1:115:A:ALA:H	10	0.22
(16,2332)	1:107:A:LEU:HD23	1:115:A:ALA:H	10	0.22
(16,2324)	1:107:A:LEU:HD11	1:108:A:GLU:H	5	0.22
(16,2324)	1:107:A:LEU:HD12	1:108:A:GLU:H	5	0.22
(16,2324)	1:107:A:LEU:HD13	1:108:A:GLU:H	5	0.22
(16,2324)	1:107:A:LEU:HD21	1:108:A:GLU:H	5	0.22
(16,2324)	1:107:A:LEU:HD22	1:108:A:GLU:H	5	0.22
(16,2324)	1:107:A:LEU:HD23	1:108:A:GLU:H	5	0.22
(16,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	12	0.22
(16,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	12	0.22
(16,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	12	0.22
(16,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	12	0.22
(16,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	12	0.22
(16,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	12	0.22
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG11	11	0.22
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG12	11	0.22
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG13	11	0.22
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG21	11	0.22
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG22	11	0.22
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG23	11	0.22
(16,2254)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	2	0.22
(16,2254)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	2	0.22
(16,2254)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	6	0.22
(16,2254)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	6	0.22
(16,2254)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	12	0.22
(16,2254)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	12	0.22
(16,2202)	1:60:A:LEU:HD11	1:120:A:CYS:HA	2	0.22
(16,2202)	1:60:A:LEU:HD12	1:120:A:CYS:HA	2	0.22
(16,2202)	1:60:A:LEU:HD13	1:120:A:CYS:HA	2	0.22
(16,2202)	1:60:A:LEU:HD21	1:120:A:CYS:HA	2	0.22
(16,2202)	1:60:A:LEU:HD22	1:120:A:CYS:HA	2	0.22
(16,2202)	1:60:A:LEU:HD23	1:120:A:CYS:HA	2	0.22
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD21	10	0.22
(16,2171)	1:50:A:ALA:HB1	1:133:A:ASN:HD22	10	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD21	10	0.22
(16,2171)	1:50:A:ALA:HB2	1:133:A:ASN:HD22	10	0.22
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD21	10	0.22
(16,2171)	1:50:A:ALA:HB3	1:133:A:ASN:HD22	10	0.22
(16,2147)	1:43:A:MET:H	1:140:A:LEU:HD11	9	0.22
(16,2147)	1:43:A:MET:H	1:140:A:LEU:HD12	9	0.22
(16,2147)	1:43:A:MET:H	1:140:A:LEU:HD13	9	0.22
(16,2147)	1:43:A:MET:H	1:140:A:LEU:HD21	9	0.22
(16,2147)	1:43:A:MET:H	1:140:A:LEU:HD22	9	0.22
(16,2147)	1:43:A:MET:H	1:140:A:LEU:HD23	9	0.22
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD11	5	0.22
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD12	5	0.22
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD13	5	0.22
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD21	5	0.22
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD22	5	0.22
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD23	5	0.22
(16,2125)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	12	0.22
(16,2125)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	12	0.22
(16,2125)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	12	0.22
(16,2125)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	12	0.22
(16,2125)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	12	0.22
(16,2125)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	12	0.22
(16,2125)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	12	0.22
(16,2125)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	12	0.22
(16,2125)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	12	0.22
(16,2125)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	12	0.22
(16,2125)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	12	0.22
(16,2125)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	12	0.22
(16,2095)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	19	0.22
(16,2095)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	19	0.22
(16,2095)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	19	0.22
(16,2095)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	19	0.22
(16,2095)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	19	0.22
(16,2095)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	19	0.22
(16,2092)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	15	0.22
(16,2092)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	15	0.22
(16,2092)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	15	0.22
(16,2092)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	15	0.22
(16,2092)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	15	0.22
(16,2092)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	15	0.22
(16,2069)	1:32:A:GLY:HA2	1:34:A:LYS:H	19	0.22
(16,2069)	1:32:A:GLY:HA3	1:34:A:LYS:H	19	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2068)	1:32:A:GLY:HA2	1:33:A:LYS:H	6	0.22
(16,2068)	1:32:A:GLY:HA3	1:33:A:LYS:H	6	0.22
(16,1998)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	2	0.22
(16,1998)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	2	0.22
(16,1998)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	2	0.22
(16,1998)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	2	0.22
(16,1998)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	2	0.22
(16,1998)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	2	0.22
(16,1983)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	8	0.22
(16,1983)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	8	0.22
(16,1983)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	8	0.22
(16,1983)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	8	0.22
(16,1983)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	8	0.22
(16,1983)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	8	0.22
(16,1983)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	8	0.22
(16,1983)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	8	0.22
(16,1983)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	8	0.22
(16,1983)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	8	0.22
(16,1983)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	8	0.22
(16,1983)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	8	0.22
(16,1957)	1:12:A:VAL:HA	1:40:A:LEU:HD11	9	0.22
(16,1957)	1:12:A:VAL:HA	1:40:A:LEU:HD12	9	0.22
(16,1957)	1:12:A:VAL:HA	1:40:A:LEU:HD13	9	0.22
(16,1957)	1:12:A:VAL:HA	1:40:A:LEU:HD21	9	0.22
(16,1957)	1:12:A:VAL:HA	1:40:A:LEU:HD22	9	0.22
(16,1957)	1:12:A:VAL:HA	1:40:A:LEU:HD23	9	0.22
(16,1906)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	9	0.22
(16,1906)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	9	0.22
(16,1892)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	9	0.22
(16,1892)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	9	0.22
(16,1892)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	9	0.22
(16,1892)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	9	0.22
(16,1892)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	9	0.22
(16,1892)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	9	0.22
(16,1888)	1:150:A:THR:H	1:151:A:PHE:HD1	12	0.22
(16,1888)	1:150:A:THR:H	1:151:A:PHE:HD2	12	0.22
(16,1853)	1:76:A:ARG:HB3	1:113:A:PHE:HE1	2	0.22
(16,1853)	1:76:A:ARG:HB3	1:113:A:PHE:HE2	2	0.22
(16,1759)	1:66:A:THR:HG21	1:97:A:ASP:HA	2	0.22
(16,1759)	1:66:A:THR:HG22	1:97:A:ASP:HA	2	0.22
(16,1759)	1:66:A:THR:HG23	1:97:A:ASP:HA	2	0.22
(16,1695)	1:34:A:LYS:HA	1:35:A:LEU:HB3	16	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1591)	1:120:A:CYS:H	1:121:A:VAL:HG21	5	0.22
(16,1591)	1:120:A:CYS:H	1:121:A:VAL:HG22	5	0.22
(16,1591)	1:120:A:CYS:H	1:121:A:VAL:HG23	5	0.22
(16,1525)	1:69:A:MET:HE1	1:113:A:PHE:HB3	10	0.22
(16,1525)	1:69:A:MET:HE2	1:113:A:PHE:HB3	10	0.22
(16,1525)	1:69:A:MET:HE3	1:113:A:PHE:HB3	10	0.22
(16,1520)	1:69:A:MET:HE1	1:113:A:PHE:HD1	5	0.22
(16,1520)	1:69:A:MET:HE1	1:113:A:PHE:HD2	5	0.22
(16,1520)	1:69:A:MET:HE2	1:113:A:PHE:HD1	5	0.22
(16,1520)	1:69:A:MET:HE2	1:113:A:PHE:HD2	5	0.22
(16,1520)	1:69:A:MET:HE3	1:113:A:PHE:HD1	5	0.22
(16,1520)	1:69:A:MET:HE3	1:113:A:PHE:HD2	5	0.22
(16,1514)	1:11:A:ILE:HG21	1:43:A:MET:HE1	11	0.22
(16,1514)	1:11:A:ILE:HG21	1:43:A:MET:HE2	11	0.22
(16,1514)	1:11:A:ILE:HG21	1:43:A:MET:HE3	11	0.22
(16,1514)	1:11:A:ILE:HG22	1:43:A:MET:HE1	11	0.22
(16,1514)	1:11:A:ILE:HG22	1:43:A:MET:HE2	11	0.22
(16,1514)	1:11:A:ILE:HG22	1:43:A:MET:HE3	11	0.22
(16,1514)	1:11:A:ILE:HG23	1:43:A:MET:HE1	11	0.22
(16,1514)	1:11:A:ILE:HG23	1:43:A:MET:HE2	11	0.22
(16,1514)	1:11:A:ILE:HG23	1:43:A:MET:HE3	11	0.22
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE1	7	0.22
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE2	7	0.22
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE3	7	0.22
(16,1479)	1:101:A:ILE:HG21	1:116:A:GLN:H	1	0.22
(16,1479)	1:101:A:ILE:HG22	1:116:A:GLN:H	1	0.22
(16,1479)	1:101:A:ILE:HG23	1:116:A:GLN:H	1	0.22
(16,1457)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	3	0.22
(16,1457)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	3	0.22
(16,1457)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	3	0.22
(16,1446)	1:50:A:ALA:HB1	1:130:A:GLY:H	12	0.22
(16,1446)	1:50:A:ALA:HB2	1:130:A:GLY:H	12	0.22
(16,1446)	1:50:A:ALA:HB3	1:130:A:GLY:H	12	0.22
(16,1432)	1:119:A:LEU:HA	1:121:A:VAL:HG21	5	0.22
(16,1432)	1:119:A:LEU:HA	1:121:A:VAL:HG22	5	0.22
(16,1432)	1:119:A:LEU:HA	1:121:A:VAL:HG23	5	0.22
(16,1418)	1:69:A:MET:HA	1:73:A:ILE:HG21	16	0.22
(16,1418)	1:69:A:MET:HA	1:73:A:ILE:HG22	16	0.22
(16,1418)	1:69:A:MET:HA	1:73:A:ILE:HG23	16	0.22
(16,1386)	1:49:A:LYS:HG2	1:50:A:ALA:HA	18	0.22
(16,1386)	1:49:A:LYS:HG3	1:50:A:ALA:HA	18	0.22
(16,1368)	1:21:A:THR:H	1:21:A:THR:HG21	16	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1368)	1:21:A:THR:H	1:21:A:THR:HG22	16	0.22
(16,1368)	1:21:A:THR:H	1:21:A:THR:HG23	16	0.22
(16,1368)	1:21:A:THR:H	1:21:A:THR:HG21	18	0.22
(16,1368)	1:21:A:THR:H	1:21:A:THR:HG22	18	0.22
(16,1368)	1:21:A:THR:H	1:21:A:THR:HG23	18	0.22
(16,1354)	1:73:A:ILE:HB	1:76:A:ARG:HA	18	0.22
(16,1344)	1:103:A:ARG:HG2	1:106:A:ASP:HA	6	0.22
(16,1344)	1:103:A:ARG:HG3	1:106:A:ASP:HA	6	0.22
(16,1317)	1:66:A:THR:HG21	1:98:A:ILE:HD11	10	0.22
(16,1317)	1:66:A:THR:HG21	1:98:A:ILE:HD12	10	0.22
(16,1317)	1:66:A:THR:HG21	1:98:A:ILE:HD13	10	0.22
(16,1317)	1:66:A:THR:HG22	1:98:A:ILE:HD11	10	0.22
(16,1317)	1:66:A:THR:HG22	1:98:A:ILE:HD12	10	0.22
(16,1317)	1:66:A:THR:HG22	1:98:A:ILE:HD13	10	0.22
(16,1317)	1:66:A:THR:HG23	1:98:A:ILE:HD11	10	0.22
(16,1317)	1:66:A:THR:HG23	1:98:A:ILE:HD12	10	0.22
(16,1317)	1:66:A:THR:HG23	1:98:A:ILE:HD13	10	0.22
(16,1288)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	7	0.22
(16,1288)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	7	0.22
(16,1288)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	7	0.22
(16,1124)	1:129:A:LYS:HA	1:132:A:ALA:HB1	13	0.22
(16,1124)	1:129:A:LYS:HA	1:132:A:ALA:HB2	13	0.22
(16,1124)	1:129:A:LYS:HA	1:132:A:ALA:HB3	13	0.22
(16,1101)	1:70:A:LYS:HA	1:70:A:LYS:HE2	18	0.22
(16,1101)	1:70:A:LYS:HA	1:70:A:LYS:HE3	18	0.22
(16,1058)	1:11:A:ILE:HA	1:11:A:ILE:HD11	1	0.22
(16,1058)	1:11:A:ILE:HA	1:11:A:ILE:HD12	1	0.22
(16,1058)	1:11:A:ILE:HA	1:11:A:ILE:HD13	1	0.22
(16,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	4	0.22
(16,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	4	0.22
(16,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	4	0.22
(16,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	4	0.22
(16,996)	1:47:A:ALA:HB1	1:134:A:VAL:HB	15	0.22
(16,996)	1:47:A:ALA:HB2	1:134:A:VAL:HB	15	0.22
(16,996)	1:47:A:ALA:HB3	1:134:A:VAL:HB	15	0.22
(16,886)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	5	0.22
(16,886)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	5	0.22
(16,886)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	5	0.22
(16,877)	1:57:A:LEU:HA	1:60:A:LEU:HB3	6	0.22
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	12	0.22
(16,833)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	12	0.22
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	12	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,833)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	12	0.22
(16,821)	1:98:A:ILE:HD11	1:101:A:ILE:H	9	0.22
(16,821)	1:98:A:ILE:HD12	1:101:A:ILE:H	9	0.22
(16,821)	1:98:A:ILE:HD13	1:101:A:ILE:H	9	0.22
(16,736)	1:50:A:ALA:H	1:130:A:GLY:HA3	15	0.22
(16,731)	1:76:A:ARG:HE	1:113:A:PHE:HE1	10	0.22
(16,731)	1:76:A:ARG:HE	1:113:A:PHE:HE2	10	0.22
(16,702)	1:56:A:CYS:H	1:122:A:ASP:HB2	13	0.22
(16,660)	1:98:A:ILE:H	1:100:A:ALA:H	12	0.22
(16,658)	1:79:A:THR:H	1:80:A:TYR:HD1	9	0.22
(16,658)	1:79:A:THR:H	1:80:A:TYR:HD2	9	0.22
(16,652)	1:70:A:LYS:H	1:74:A:PRO:HA	10	0.22
(16,475)	1:48:A:ARG:HA	1:53:A:THR:H	2	0.22
(16,237)	1:110:A:MET:HE1	1:114:A:ILE:H	7	0.22
(16,237)	1:110:A:MET:HE2	1:114:A:ILE:H	7	0.22
(16,237)	1:110:A:MET:HE3	1:114:A:ILE:H	7	0.22
(16,49)	1:98:A:ILE:H	1:101:A:ILE:HB	3	0.22
(15,2311)	1:105:A:LYS:HG2	1:112:A:GLN:HE21	11	0.22
(15,2311)	1:105:A:LYS:HG3	1:112:A:GLN:HE21	11	0.22
(15,2311)	1:105:A:LYS:HG2	1:112:A:GLN:HE22	11	0.22
(15,2311)	1:105:A:LYS:HG3	1:112:A:GLN:HE22	11	0.22
(15,2311)	1:105:A:LYS:HG2	1:112:A:GLN:HE21	18	0.22
(15,2311)	1:105:A:LYS:HG3	1:112:A:GLN:HE21	18	0.22
(15,2311)	1:105:A:LYS:HG2	1:112:A:GLN:HE22	18	0.22
(15,2311)	1:105:A:LYS:HG3	1:112:A:GLN:HE22	18	0.22
(15,2263)	1:79:A:THR:HG21	1:81:A:GLU:HB2	2	0.22
(15,2263)	1:79:A:THR:HG21	1:81:A:GLU:HB3	2	0.22
(15,2263)	1:79:A:THR:HG22	1:81:A:GLU:HB2	2	0.22
(15,2263)	1:79:A:THR:HG22	1:81:A:GLU:HB3	2	0.22
(15,2263)	1:79:A:THR:HG23	1:81:A:GLU:HB2	2	0.22
(15,2263)	1:79:A:THR:HG23	1:81:A:GLU:HB3	2	0.22
(15,2207)	1:65:A:CYS:HB2	1:69:A:MET:HE1	17	0.22
(15,2207)	1:65:A:CYS:HB2	1:69:A:MET:HE2	17	0.22
(15,2207)	1:65:A:CYS:HB2	1:69:A:MET:HE3	17	0.22
(15,2207)	1:65:A:CYS:HB3	1:69:A:MET:HE1	17	0.22
(15,2207)	1:65:A:CYS:HB3	1:69:A:MET:HE2	17	0.22
(15,2207)	1:65:A:CYS:HB3	1:69:A:MET:HE3	17	0.22
(15,2206)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.22
(15,2206)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.22
(15,2206)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.22
(15,2206)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.22
(15,2196)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	9	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2196)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	9	0.22
(15,2196)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	9	0.22
(15,2196)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	9	0.22
(15,2196)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	9	0.22
(15,2196)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	9	0.22
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	15	0.22
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	15	0.22
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	15	0.22
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	15	0.22
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	15	0.22
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	15	0.22
(15,2074)	1:39:A:VAL:HA	1:43:A:MET:HG2	15	0.22
(15,2074)	1:39:A:VAL:HA	1:43:A:MET:HG3	15	0.22
(15,2015)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	3	0.22
(15,2015)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	3	0.22
(15,2015)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	3	0.22
(15,2015)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	3	0.22
(15,2015)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	3	0.22
(15,2015)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	3	0.22
(15,2015)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	3	0.22
(15,2015)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	3	0.22
(15,2015)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	3	0.22
(15,2015)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	3	0.22
(15,2015)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	3	0.22
(15,2015)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	3	0.22
(15,1960)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	14	0.22
(15,1960)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	14	0.22
(15,1960)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	14	0.22
(15,1960)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	14	0.22
(15,1960)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	14	0.22
(15,1960)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	14	0.22
(15,1960)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	14	0.22
(15,1960)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	14	0.22
(15,1960)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	14	0.22
(15,1960)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	14	0.22
(15,1960)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	14	0.22
(15,1960)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	14	0.22
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD11	15	0.22
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD12	15	0.22
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD13	15	0.22
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD21	15	0.22
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD22	15	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD23	15	0.22
(15,1888)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	9	0.22
(15,1888)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	9	0.22
(15,1888)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	9	0.22
(15,1888)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	9	0.22
(15,1888)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	9	0.22
(15,1888)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	9	0.22
(15,1882)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	12	0.22
(15,1882)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	12	0.22
(15,1882)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	12	0.22
(15,1882)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	12	0.22
(15,1882)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	12	0.22
(15,1882)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	12	0.22
(15,1849)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	2	0.22
(15,1849)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	2	0.22
(15,1838)	1:9:A:PHE:HD1	1:11:A:ILE:HG13	4	0.22
(15,1838)	1:9:A:PHE:HD2	1:11:A:ILE:HG13	4	0.22
(15,1759)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	19	0.22
(15,1759)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	19	0.22
(15,1759)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	19	0.22
(15,1759)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	19	0.22
(15,1752)	1:66:A:THR:HG21	1:97:A:ASP:HA	2	0.22
(15,1752)	1:66:A:THR:HG22	1:97:A:ASP:HA	2	0.22
(15,1752)	1:66:A:THR:HG23	1:97:A:ASP:HA	2	0.22
(15,1720)	1:98:A:ILE:HG21	1:102:A:PRO:HD3	19	0.22
(15,1720)	1:98:A:ILE:HG22	1:102:A:PRO:HD3	19	0.22
(15,1720)	1:98:A:ILE:HG23	1:102:A:PRO:HD3	19	0.22
(15,1682)	1:72:A:PHE:HB2	1:109:A:PRO:HA	7	0.22
(15,1570)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	7	0.22
(15,1570)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	7	0.22
(15,1570)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	7	0.22
(15,1570)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	7	0.22
(15,1570)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	7	0.22
(15,1570)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	7	0.22
(15,1536)	1:144:A:LEU:HD21	1:147:A:ARG:HE	1	0.22
(15,1536)	1:144:A:LEU:HD22	1:147:A:ARG:HE	1	0.22
(15,1536)	1:144:A:LEU:HD23	1:147:A:ARG:HE	1	0.22
(15,1512)	1:69:A:MET:HE1	1:113:A:PHE:HD1	5	0.22
(15,1512)	1:69:A:MET:HE1	1:113:A:PHE:HD2	5	0.22
(15,1512)	1:69:A:MET:HE2	1:113:A:PHE:HD1	5	0.22
(15,1512)	1:69:A:MET:HE2	1:113:A:PHE:HD2	5	0.22
(15,1512)	1:69:A:MET:HE3	1:113:A:PHE:HD1	5	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1512)	1:69:A:MET:HE3	1:113:A:PHE:HD2	5	0.22
(15,1490)	1:114:A:ILE:HG21	1:117:A:VAL:HB	12	0.22
(15,1490)	1:114:A:ILE:HG22	1:117:A:VAL:HB	12	0.22
(15,1490)	1:114:A:ILE:HG23	1:117:A:VAL:HB	12	0.22
(15,1472)	1:101:A:ILE:HG21	1:116:A:GLN:H	1	0.22
(15,1472)	1:101:A:ILE:HG22	1:116:A:GLN:H	1	0.22
(15,1472)	1:101:A:ILE:HG23	1:116:A:GLN:H	1	0.22
(15,1379)	1:49:A:LYS:HG2	1:50:A:ALA:HA	18	0.22
(15,1379)	1:49:A:LYS:HG3	1:50:A:ALA:HA	18	0.22
(15,1369)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	8	0.22
(15,1369)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	8	0.22
(15,1369)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	8	0.22
(15,1313)	1:66:A:THR:HG21	1:98:A:ILE:HD11	10	0.22
(15,1313)	1:66:A:THR:HG21	1:98:A:ILE:HD12	10	0.22
(15,1313)	1:66:A:THR:HG21	1:98:A:ILE:HD13	10	0.22
(15,1313)	1:66:A:THR:HG22	1:98:A:ILE:HD11	10	0.22
(15,1313)	1:66:A:THR:HG22	1:98:A:ILE:HD12	10	0.22
(15,1313)	1:66:A:THR:HG22	1:98:A:ILE:HD13	10	0.22
(15,1313)	1:66:A:THR:HG23	1:98:A:ILE:HD11	10	0.22
(15,1313)	1:66:A:THR:HG23	1:98:A:ILE:HD12	10	0.22
(15,1313)	1:66:A:THR:HG23	1:98:A:ILE:HD13	10	0.22
(15,1287)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	7	0.22
(15,1287)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	7	0.22
(15,1287)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	7	0.22
(15,1220)	1:37:A:LEU:HA	1:37:A:LEU:HD21	14	0.22
(15,1220)	1:37:A:LEU:HA	1:37:A:LEU:HD22	14	0.22
(15,1220)	1:37:A:LEU:HA	1:37:A:LEU:HD23	14	0.22
(15,1202)	1:41:A:LYS:H	1:41:A:LYS:HG3	8	0.22
(15,1177)	1:128:A:LEU:HD21	1:129:A:LYS:H	3	0.22
(15,1177)	1:128:A:LEU:HD22	1:129:A:LYS:H	3	0.22
(15,1177)	1:128:A:LEU:HD23	1:129:A:LYS:H	3	0.22
(15,1177)	1:128:A:LEU:HD21	1:129:A:LYS:H	4	0.22
(15,1177)	1:128:A:LEU:HD22	1:129:A:LYS:H	4	0.22
(15,1177)	1:128:A:LEU:HD23	1:129:A:LYS:H	4	0.22
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD11	9	0.22
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD12	9	0.22
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD13	9	0.22
(15,1089)	1:141:A:LYS:HA	1:148:A:CYS:HB3	14	0.22
(15,980)	1:47:A:ALA:HB1	1:134:A:VAL:HB	15	0.22
(15,980)	1:47:A:ALA:HB2	1:134:A:VAL:HB	15	0.22
(15,980)	1:47:A:ALA:HB3	1:134:A:VAL:HB	15	0.22
(15,948)	1:40:A:LEU:HA	1:43:A:MET:HG2	19	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,932)	1:63:A:ILE:HG12	1:117:A:VAL:HA	13	0.22
(15,926)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	5	0.22
(15,926)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	5	0.22
(15,926)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	5	0.22
(15,926)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	5	0.22
(15,925)	1:81:A:GLU:HA	1:81:A:GLU:HG2	17	0.22
(15,925)	1:81:A:GLU:HA	1:81:A:GLU:HG3	17	0.22
(15,925)	1:81:A:GLU:HA	1:81:A:GLU:HG2	18	0.22
(15,925)	1:81:A:GLU:HA	1:81:A:GLU:HG3	18	0.22
(15,867)	1:57:A:LEU:HA	1:60:A:LEU:HB3	6	0.22
(15,697)	1:98:A:ILE:H	1:100:A:ALA:H	12	0.22
(15,655)	1:70:A:LYS:H	1:74:A:PRO:HA	10	0.22
(15,596)	1:75:A:GLY:H	1:76:A:ARG:HG2	14	0.22
(15,596)	1:75:A:GLY:H	1:76:A:ARG:HG3	14	0.22
(15,519)	1:105:A:LYS:H	1:106:A:ASP:HB3	8	0.22
(15,477)	1:48:A:ARG:HA	1:53:A:THR:H	2	0.22
(15,439)	1:68:A:LYS:H	1:68:A:LYS:HE2	17	0.22
(15,439)	1:68:A:LYS:H	1:68:A:LYS:HE3	17	0.22
(15,238)	1:110:A:MET:HE1	1:114:A:ILE:H	7	0.22
(15,238)	1:110:A:MET:HE2	1:114:A:ILE:H	7	0.22
(15,238)	1:110:A:MET:HE3	1:114:A:ILE:H	7	0.22
(15,182)	1:8:A:ASP:H	1:58:A:ILE:HD11	1	0.22
(15,182)	1:8:A:ASP:H	1:58:A:ILE:HD12	1	0.22
(15,182)	1:8:A:ASP:H	1:58:A:ILE:HD13	1	0.22
(15,121)	1:22:A:ASP:H	1:23:A:LEU:HB2	9	0.22
(15,121)	1:22:A:ASP:H	1:23:A:LEU:HB3	9	0.22
(15,53)	1:98:A:ILE:H	1:101:A:ILE:HB	3	0.22
(15,12)	1:64:A:LYS:H	1:116:A:GLN:HG3	4	0.22
(15,9)	1:63:A:ILE:HG13	1:64:A:LYS:H	13	0.22
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG11	12	0.22
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG12	12	0.22
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG13	12	0.22
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG21	12	0.22
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG22	12	0.22
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG23	12	0.22
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG11	12	0.22
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG12	12	0.22
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG13	12	0.22
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG21	12	0.22
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG22	12	0.22
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG23	12	0.22
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG11	12	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG12	12	0.22
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG13	12	0.22
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG21	12	0.22
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG22	12	0.22
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG23	12	0.22
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG11	12	0.22
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG12	12	0.22
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG13	12	0.22
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG21	12	0.22
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG22	12	0.22
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG23	12	0.22
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG11	12	0.22
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG12	12	0.22
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG13	12	0.22
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG21	12	0.22
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG22	12	0.22
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG23	12	0.22
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG11	12	0.22
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG12	12	0.22
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG13	12	0.22
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG21	12	0.22
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG22	12	0.22
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG23	12	0.22
(13,2313)	1:107:A:LEU:HD11	1:115:A:ALA:H	10	0.22
(13,2313)	1:107:A:LEU:HD12	1:115:A:ALA:H	10	0.22
(13,2313)	1:107:A:LEU:HD13	1:115:A:ALA:H	10	0.22
(13,2313)	1:107:A:LEU:HD21	1:115:A:ALA:H	10	0.22
(13,2313)	1:107:A:LEU:HD22	1:115:A:ALA:H	10	0.22
(13,2313)	1:107:A:LEU:HD23	1:115:A:ALA:H	10	0.22
(13,2307)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	6	0.22
(13,2307)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	6	0.22
(13,2307)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	6	0.22
(13,2307)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	6	0.22
(13,2307)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	6	0.22
(13,2307)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	6	0.22
(13,2307)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	6	0.22
(13,2307)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	6	0.22
(13,2307)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	6	0.22
(13,2307)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	6	0.22
(13,2307)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	6	0.22
(13,2307)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	6	0.22
(13,2245)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	10	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2245)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	10	0.22
(13,2245)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	10	0.22
(13,2245)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	10	0.22
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE21	17	0.22
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE22	17	0.22
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE21	17	0.22
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE22	17	0.22
(13,2169)	1:60:A:LEU:HD11	1:120:A:CYS:HA	2	0.22
(13,2169)	1:60:A:LEU:HD12	1:120:A:CYS:HA	2	0.22
(13,2169)	1:60:A:LEU:HD13	1:120:A:CYS:HA	2	0.22
(13,2169)	1:60:A:LEU:HD21	1:120:A:CYS:HA	2	0.22
(13,2169)	1:60:A:LEU:HD22	1:120:A:CYS:HA	2	0.22
(13,2169)	1:60:A:LEU:HD23	1:120:A:CYS:HA	2	0.22
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD11	3	0.22
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD12	3	0.22
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD13	3	0.22
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD21	3	0.22
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD22	3	0.22
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD23	3	0.22
(13,2072)	1:39:A:VAL:HG11	1:144:A:LEU:H	14	0.22
(13,2072)	1:39:A:VAL:HG12	1:144:A:LEU:H	14	0.22
(13,2072)	1:39:A:VAL:HG13	1:144:A:LEU:H	14	0.22
(13,2072)	1:39:A:VAL:HG21	1:144:A:LEU:H	14	0.22
(13,2072)	1:39:A:VAL:HG22	1:144:A:LEU:H	14	0.22
(13,2072)	1:39:A:VAL:HG23	1:144:A:LEU:H	14	0.22
(13,2035)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	9	0.22
(13,2035)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	9	0.22
(13,2035)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	9	0.22
(13,2035)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	9	0.22
(13,2035)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	9	0.22
(13,2035)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	9	0.22
(13,1954)	1:14:A:VAL:HG11	1:57:A:LEU:H	8	0.22
(13,1954)	1:14:A:VAL:HG12	1:57:A:LEU:H	8	0.22
(13,1954)	1:14:A:VAL:HG13	1:57:A:LEU:H	8	0.22
(13,1954)	1:14:A:VAL:HG21	1:57:A:LEU:H	8	0.22
(13,1954)	1:14:A:VAL:HG22	1:57:A:LEU:H	8	0.22
(13,1954)	1:14:A:VAL:HG23	1:57:A:LEU:H	8	0.22
(13,1952)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	4	0.22
(13,1952)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	4	0.22
(13,1952)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	4	0.22
(13,1952)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	4	0.22
(13,1952)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	4	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1952)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	4	0.22
(13,1952)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	4	0.22
(13,1952)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	4	0.22
(13,1952)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	4	0.22
(13,1952)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	4	0.22
(13,1952)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	4	0.22
(13,1952)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	4	0.22
(13,1951)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	14	0.22
(13,1951)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	14	0.22
(13,1951)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	14	0.22
(13,1951)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	14	0.22
(13,1951)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	14	0.22
(13,1951)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	14	0.22
(13,1951)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	14	0.22
(13,1951)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	14	0.22
(13,1951)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	14	0.22
(13,1951)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	14	0.22
(13,1951)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	14	0.22
(13,1951)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	14	0.22
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG21	2	0.22
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG22	2	0.22
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG23	2	0.22
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG21	2	0.22
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG22	2	0.22
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG23	2	0.22
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG21	2	0.22
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG22	2	0.22
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG23	2	0.22
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG21	2	0.22
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG22	2	0.22
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG23	2	0.22
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG21	2	0.22
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG22	2	0.22
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG23	2	0.22
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG21	2	0.22
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG22	2	0.22
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG23	2	0.22
(13,1929)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	8	0.22
(13,1929)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	8	0.22
(13,1929)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	8	0.22
(13,1929)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	8	0.22
(13,1929)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	8	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1929)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	8	0.22
(13,1929)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	8	0.22
(13,1929)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	8	0.22
(13,1929)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	8	0.22
(13,1929)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	8	0.22
(13,1929)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	8	0.22
(13,1929)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	8	0.22
(13,1929)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	8	0.22
(13,1929)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	8	0.22
(13,1929)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	8	0.22
(13,1929)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	8	0.22
(13,1929)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	8	0.22
(13,1929)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	8	0.22
(13,1926)	1:12:A:VAL:HA	1:40:A:LEU:HD11	9	0.22
(13,1926)	1:12:A:VAL:HA	1:40:A:LEU:HD12	9	0.22
(13,1926)	1:12:A:VAL:HA	1:40:A:LEU:HD13	9	0.22
(13,1926)	1:12:A:VAL:HA	1:40:A:LEU:HD21	9	0.22
(13,1926)	1:12:A:VAL:HA	1:40:A:LEU:HD22	9	0.22
(13,1926)	1:12:A:VAL:HA	1:40:A:LEU:HD23	9	0.22
(13,1863)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	9	0.22
(13,1863)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	9	0.22
(13,1863)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	9	0.22
(13,1863)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	9	0.22
(13,1863)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	9	0.22
(13,1863)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	9	0.22
(13,1742)	1:80:A:TYR:H	1:80:A:TYR:HD1	5	0.22
(13,1742)	1:80:A:TYR:H	1:80:A:TYR:HD2	5	0.22
(13,1699)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	1	0.22
(13,1699)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	1	0.22
(13,1699)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	1	0.22
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG21	2	0.22
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG22	2	0.22
(13,1621)	1:50:A:ALA:HB1	1:134:A:VAL:HG23	2	0.22
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG21	2	0.22
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG22	2	0.22
(13,1621)	1:50:A:ALA:HB2	1:134:A:VAL:HG23	2	0.22
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG21	2	0.22
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG22	2	0.22
(13,1621)	1:50:A:ALA:HB3	1:134:A:VAL:HG23	2	0.22
(13,1528)	1:123:A:CYS:H	1:128:A:LEU:HD21	10	0.22
(13,1528)	1:123:A:CYS:H	1:128:A:LEU:HD22	10	0.22
(13,1528)	1:123:A:CYS:H	1:128:A:LEU:HD23	10	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1493)	1:69:A:MET:HE1	1:113:A:PHE:HD1	5	0.22
(13,1493)	1:69:A:MET:HE1	1:113:A:PHE:HD2	5	0.22
(13,1493)	1:69:A:MET:HE2	1:113:A:PHE:HD1	5	0.22
(13,1493)	1:69:A:MET:HE2	1:113:A:PHE:HD2	5	0.22
(13,1493)	1:69:A:MET:HE3	1:113:A:PHE:HD1	5	0.22
(13,1493)	1:69:A:MET:HE3	1:113:A:PHE:HD2	5	0.22
(13,1487)	1:11:A:ILE:HG21	1:43:A:MET:HE1	11	0.22
(13,1487)	1:11:A:ILE:HG21	1:43:A:MET:HE2	11	0.22
(13,1487)	1:11:A:ILE:HG21	1:43:A:MET:HE3	11	0.22
(13,1487)	1:11:A:ILE:HG22	1:43:A:MET:HE1	11	0.22
(13,1487)	1:11:A:ILE:HG22	1:43:A:MET:HE2	11	0.22
(13,1487)	1:11:A:ILE:HG22	1:43:A:MET:HE3	11	0.22
(13,1487)	1:11:A:ILE:HG23	1:43:A:MET:HE1	11	0.22
(13,1487)	1:11:A:ILE:HG23	1:43:A:MET:HE2	11	0.22
(13,1487)	1:11:A:ILE:HG23	1:43:A:MET:HE3	11	0.22
(13,1453)	1:101:A:ILE:HG21	1:116:A:GLN:H	1	0.22
(13,1453)	1:101:A:ILE:HG22	1:116:A:GLN:H	1	0.22
(13,1453)	1:101:A:ILE:HG23	1:116:A:GLN:H	1	0.22
(13,1430)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	3	0.22
(13,1430)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	3	0.22
(13,1430)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	3	0.22
(13,1378)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	9	0.22
(13,1378)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	9	0.22
(13,1378)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	9	0.22
(13,1378)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	9	0.22
(13,1378)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	9	0.22
(13,1378)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	9	0.22
(13,1378)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	9	0.22
(13,1378)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	9	0.22
(13,1378)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	9	0.22
(13,1336)	1:21:A:THR:H	1:21:A:THR:HG21	16	0.22
(13,1336)	1:21:A:THR:H	1:21:A:THR:HG22	16	0.22
(13,1336)	1:21:A:THR:H	1:21:A:THR:HG23	16	0.22
(13,1336)	1:21:A:THR:H	1:21:A:THR:HG21	18	0.22
(13,1336)	1:21:A:THR:H	1:21:A:THR:HG22	18	0.22
(13,1336)	1:21:A:THR:H	1:21:A:THR:HG23	18	0.22
(13,1312)	1:103:A:ARG:HG2	1:106:A:ASP:HA	6	0.22
(13,1312)	1:103:A:ARG:HG3	1:106:A:ASP:HA	6	0.22
(13,1259)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	7	0.22
(13,1259)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	7	0.22
(13,1259)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	7	0.22
(13,1222)	1:37:A:LEU:HD11	1:38:A:GLU:HA	9	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1222)	1:37:A:LEU:HD12	1:38:A:GLU:HA	9	0.22
(13,1222)	1:37:A:LEU:HD13	1:38:A:GLU:HA	9	0.22
(13,1178)	1:41:A:LYS:H	1:41:A:LYS:HG3	8	0.22
(13,1165)	1:40:A:LEU:H	1:40:A:LEU:HD21	16	0.22
(13,1165)	1:40:A:LEU:H	1:40:A:LEU:HD22	16	0.22
(13,1165)	1:40:A:LEU:H	1:40:A:LEU:HD23	16	0.22
(13,1103)	1:40:A:LEU:HA	1:43:A:MET:HG2	14	0.22
(13,1024)	1:11:A:ILE:HA	1:11:A:ILE:HG12	17	0.22
(13,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	4	0.22
(13,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	4	0.22
(13,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	4	0.22
(13,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	4	0.22
(13,928)	1:11:A:ILE:HD11	1:12:A:VAL:HA	16	0.22
(13,928)	1:11:A:ILE:HD12	1:12:A:VAL:HA	16	0.22
(13,928)	1:11:A:ILE:HD13	1:12:A:VAL:HA	16	0.22
(13,859)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	5	0.22
(13,859)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	5	0.22
(13,859)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	5	0.22
(13,857)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	7	0.22
(13,857)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	7	0.22
(13,847)	1:8:A:ASP:HB3	1:9:A:PHE:HD1	7	0.22
(13,847)	1:8:A:ASP:HB3	1:9:A:PHE:HD2	7	0.22
(13,847)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	7	0.22
(13,847)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	7	0.22
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD11	7	0.22
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD12	7	0.22
(13,803)	1:64:A:LYS:HE2	1:98:A:ILE:HD13	7	0.22
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD11	7	0.22
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD12	7	0.22
(13,803)	1:64:A:LYS:HE3	1:98:A:ILE:HD13	7	0.22
(13,705)	1:76:A:ARG:HE	1:113:A:PHE:HE1	10	0.22
(13,705)	1:76:A:ARG:HE	1:113:A:PHE:HE2	10	0.22
(13,702)	1:9:A:PHE:HD1	1:54:A:ARG:HE	8	0.22
(13,702)	1:9:A:PHE:HD2	1:54:A:ARG:HE	8	0.22
(13,698)	1:44:A:GLU:HB2	1:48:A:ARG:HE	2	0.22
(13,698)	1:44:A:GLU:HB3	1:48:A:ARG:HE	2	0.22
(13,436)	1:73:A:ILE:HB	1:76:A:ARG:H	17	0.22
(13,366)	1:132:A:ALA:H	1:133:A:ASN:HD22	18	0.22
(13,262)	1:27:A:ARG:HB3	1:29:A:LYS:H	10	0.22
(13,262)	1:27:A:ARG:HB3	1:29:A:LYS:H	18	0.22
(13,232)	1:110:A:MET:HE1	1:114:A:ILE:H	7	0.22
(13,232)	1:110:A:MET:HE2	1:114:A:ILE:H	7	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,232)	1:110:A:MET:HE3	1:114:A:ILE:H	7	0.22
(13,216)	1:44:A:GLU:HB2	1:48:A:ARG:H	4	0.22
(13,216)	1:44:A:GLU:HB3	1:48:A:ARG:H	4	0.22
(13,46)	1:98:A:ILE:H	1:101:A:ILE:HB	3	0.22
(11,2096)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	15	0.22
(11,2096)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	15	0.22
(11,2096)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	15	0.22
(11,2096)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	15	0.22
(11,2096)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	15	0.22
(11,2096)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	15	0.22
(11,2093)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	17	0.22
(11,2093)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	17	0.22
(11,2093)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	17	0.22
(11,2093)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	17	0.22
(11,2093)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	17	0.22
(11,2093)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	17	0.22
(11,2093)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	17	0.22
(11,2093)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	17	0.22
(11,2093)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	17	0.22
(11,2093)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	17	0.22
(11,2093)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	17	0.22
(11,2093)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	17	0.22
(11,2074)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	19	0.22
(11,2074)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	19	0.22
(11,2074)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	19	0.22
(11,2074)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	19	0.22
(11,2073)	1:32:A:GLY:HA2	1:34:A:LYS:H	19	0.22
(11,2073)	1:32:A:GLY:HA3	1:34:A:LYS:H	19	0.22
(11,2072)	1:32:A:GLY:HA2	1:33:A:LYS:H	6	0.22
(11,2072)	1:32:A:GLY:HA3	1:33:A:LYS:H	6	0.22
(11,2026)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	2	0.22
(11,2026)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	2	0.22
(11,2026)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	2	0.22
(11,2026)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	2	0.22
(11,2026)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	2	0.22
(11,2026)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	2	0.22
(11,1987)	1:12:A:VAL:HA	1:40:A:LEU:HD11	9	0.22
(11,1987)	1:12:A:VAL:HA	1:40:A:LEU:HD12	9	0.22
(11,1987)	1:12:A:VAL:HA	1:40:A:LEU:HD13	9	0.22
(11,1987)	1:12:A:VAL:HA	1:40:A:LEU:HD21	9	0.22
(11,1987)	1:12:A:VAL:HA	1:40:A:LEU:HD22	9	0.22
(11,1987)	1:12:A:VAL:HA	1:40:A:LEU:HD23	9	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	13	0.22
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	13	0.22
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	13	0.22
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	13	0.22
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	13	0.22
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	13	0.22
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	13	0.22
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	13	0.22
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	13	0.22
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	13	0.22
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	13	0.22
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	13	0.22
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	13	0.22
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	13	0.22
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	13	0.22
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	13	0.22
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	13	0.22
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	13	0.22
(11,1939)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	3	0.22
(11,1939)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	3	0.22
(11,1939)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	3	0.22
(11,1910)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	13	0.22
(11,1910)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	13	0.22
(11,1910)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	13	0.22
(11,1822)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	19	0.22
(11,1822)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	19	0.22
(11,1822)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	19	0.22
(11,1822)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	19	0.22
(11,1822)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	19	0.22
(11,1822)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	19	0.22
(11,1801)	1:66:A:THR:HG21	1:97:A:ASP:HA	2	0.22
(11,1801)	1:66:A:THR:HG22	1:97:A:ASP:HA	2	0.22
(11,1801)	1:66:A:THR:HG23	1:97:A:ASP:HA	2	0.22
(11,1769)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	1	0.22
(11,1769)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	1	0.22
(11,1769)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	1	0.22
(11,1738)	1:34:A:LYS:HA	1:35:A:LEU:HB3	16	0.22
(11,1690)	1:69:A:MET:HA	1:69:A:MET:HE1	14	0.22
(11,1690)	1:69:A:MET:HA	1:69:A:MET:HE2	14	0.22
(11,1690)	1:69:A:MET:HA	1:69:A:MET:HE3	14	0.22
(11,1687)	1:134:A:VAL:HG21	1:137:A:SER:H	19	0.22
(11,1687)	1:134:A:VAL:HG22	1:137:A:SER:H	19	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1687)	1:134:A:VAL:HG23	1:137:A:SER:H	19	0.22
(11,1636)	1:120:A:CYS:H	1:121:A:VAL:HG21	5	0.22
(11,1636)	1:120:A:CYS:H	1:121:A:VAL:HG22	5	0.22
(11,1636)	1:120:A:CYS:H	1:121:A:VAL:HG23	5	0.22
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD21	18	0.22
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD22	18	0.22
(11,1575)	1:43:A:MET:H	1:144:A:LEU:HD23	18	0.22
(11,1559)	1:110:A:MET:HE1	1:114:A:ILE:HG12	3	0.22
(11,1559)	1:110:A:MET:HE2	1:114:A:ILE:HG12	3	0.22
(11,1559)	1:110:A:MET:HE3	1:114:A:ILE:HG12	3	0.22
(11,1559)	1:110:A:MET:HE1	1:114:A:ILE:HG12	4	0.22
(11,1559)	1:110:A:MET:HE2	1:114:A:ILE:HG12	4	0.22
(11,1559)	1:110:A:MET:HE3	1:114:A:ILE:HG12	4	0.22
(11,1542)	1:69:A:MET:HE1	1:113:A:PHE:HD1	5	0.22
(11,1542)	1:69:A:MET:HE1	1:113:A:PHE:HD2	5	0.22
(11,1542)	1:69:A:MET:HE2	1:113:A:PHE:HD1	5	0.22
(11,1542)	1:69:A:MET:HE2	1:113:A:PHE:HD2	5	0.22
(11,1542)	1:69:A:MET:HE3	1:113:A:PHE:HD1	5	0.22
(11,1542)	1:69:A:MET:HE3	1:113:A:PHE:HD2	5	0.22
(11,1474)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	18	0.22
(11,1474)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	18	0.22
(11,1474)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	18	0.22
(11,1468)	1:47:A:ALA:HA	1:50:A:ALA:HB1	10	0.22
(11,1468)	1:47:A:ALA:HA	1:50:A:ALA:HB2	10	0.22
(11,1468)	1:47:A:ALA:HA	1:50:A:ALA:HB3	10	0.22
(11,1450)	1:119:A:LEU:HA	1:121:A:VAL:HG21	5	0.22
(11,1450)	1:119:A:LEU:HA	1:121:A:VAL:HG22	5	0.22
(11,1450)	1:119:A:LEU:HA	1:121:A:VAL:HG23	5	0.22
(11,1437)	1:69:A:MET:HA	1:73:A:ILE:HG21	16	0.22
(11,1437)	1:69:A:MET:HA	1:73:A:ILE:HG22	16	0.22
(11,1437)	1:69:A:MET:HA	1:73:A:ILE:HG23	16	0.22
(11,1385)	1:21:A:THR:H	1:21:A:THR:HG21	16	0.22
(11,1385)	1:21:A:THR:H	1:21:A:THR:HG22	16	0.22
(11,1385)	1:21:A:THR:H	1:21:A:THR:HG23	16	0.22
(11,1385)	1:21:A:THR:H	1:21:A:THR:HG21	18	0.22
(11,1385)	1:21:A:THR:H	1:21:A:THR:HG22	18	0.22
(11,1385)	1:21:A:THR:H	1:21:A:THR:HG23	18	0.22
(11,1360)	1:103:A:ARG:HG2	1:106:A:ASP:HA	6	0.22
(11,1360)	1:103:A:ARG:HG3	1:106:A:ASP:HA	6	0.22
(11,1353)	1:8:A:ASP:HA	1:8:A:ASP:HB3	4	0.22
(11,1278)	1:23:A:LEU:HA	1:23:A:LEU:HD11	11	0.22
(11,1278)	1:23:A:LEU:HA	1:23:A:LEU:HD12	11	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1278)	1:23:A:LEU:HA	1:23:A:LEU:HD13	11	0.22
(11,1235)	1:37:A:LEU:HA	1:37:A:LEU:HD21	14	0.22
(11,1235)	1:37:A:LEU:HA	1:37:A:LEU:HD22	14	0.22
(11,1235)	1:37:A:LEU:HA	1:37:A:LEU:HD23	14	0.22
(11,1218)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	19	0.22
(11,1218)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	19	0.22
(11,1218)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	19	0.22
(11,1216)	1:41:A:LYS:H	1:41:A:LYS:HG3	8	0.22
(11,1203)	1:23:A:LEU:HA	1:23:A:LEU:HD21	5	0.22
(11,1203)	1:23:A:LEU:HA	1:23:A:LEU:HD22	5	0.22
(11,1203)	1:23:A:LEU:HA	1:23:A:LEU:HD23	5	0.22
(11,1186)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	17	0.22
(11,1186)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	17	0.22
(11,1186)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	17	0.22
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD11	7	0.22
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD12	7	0.22
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD13	7	0.22
(11,1135)	1:40:A:LEU:HA	1:43:A:MET:HG3	9	0.22
(11,1049)	1:11:A:ILE:HA	1:11:A:ILE:HG12	17	0.22
(11,916)	1:44:A:GLU:HA	1:44:A:GLU:HG2	3	0.22
(11,916)	1:44:A:GLU:HA	1:44:A:GLU:HG2	13	0.22
(11,898)	1:69:A:MET:HE1	1:73:A:ILE:HB	14	0.22
(11,898)	1:69:A:MET:HE2	1:73:A:ILE:HB	14	0.22
(11,898)	1:69:A:MET:HE3	1:73:A:ILE:HB	14	0.22
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	7	0.22
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	7	0.22
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	7	0.22
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	7	0.22
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	7	0.22
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	7	0.22
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	7	0.22
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	7	0.22
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	7	0.22
(11,722)	1:76:A:ARG:HE	1:113:A:PHE:HE1	10	0.22
(11,722)	1:76:A:ARG:HE	1:113:A:PHE:HE2	10	0.22
(11,654)	1:79:A:THR:H	1:80:A:TYR:HD1	9	0.22
(11,654)	1:79:A:THR:H	1:80:A:TYR:HD2	9	0.22
(11,650)	1:70:A:LYS:H	1:74:A:PRO:HA	10	0.22
(11,597)	1:55:A:GLY:H	1:57:A:LEU:H	17	0.22
(11,597)	1:55:A:GLY:H	1:57:A:LEU:H	18	0.22
(11,493)	1:8:A:ASP:HB2	1:9:A:PHE:H	8	0.22
(11,493)	1:8:A:ASP:HB2	1:9:A:PHE:H	13	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,472)	1:48:A:ARG:HA	1:53:A:THR:H	2	0.22
(11,442)	1:73:A:ILE:HB	1:76:A:ARG:H	17	0.22
(11,377)	1:41:A:LYS:H	1:44:A:GLU:HB2	16	0.22
(11,377)	1:41:A:LYS:H	1:44:A:GLU:HB3	16	0.22
(11,373)	1:132:A:ALA:H	1:133:A:ASN:HD22	18	0.22
(11,280)	1:113:A:PHE:H	1:116:A:GLN:HG3	17	0.22
(11,264)	1:39:A:VAL:H	1:40:A:LEU:HB2	3	0.22
(11,229)	1:110:A:MET:HE1	1:114:A:ILE:H	7	0.22
(11,229)	1:110:A:MET:HE2	1:114:A:ILE:H	7	0.22
(11,229)	1:110:A:MET:HE3	1:114:A:ILE:H	7	0.22
(11,53)	1:98:A:ILE:H	1:101:A:ILE:HB	3	0.22
(11,37)	1:96:A:VAL:H	1:96:A:VAL:HB	4	0.22
(11,9)	1:63:A:ILE:HG13	1:64:A:LYS:H	13	0.22
(11,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	17	0.22
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	1	0.22
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	1	0.22
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	1	0.22
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	1	0.22
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	1	0.22
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	1	0.22
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD11	16	0.22
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD12	16	0.22
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD13	16	0.22
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD21	16	0.22
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD22	16	0.22
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD23	16	0.22
(9,2250)	1:100:A:ALA:HA	1:119:A:LEU:HD11	5	0.22
(9,2250)	1:100:A:ALA:HA	1:119:A:LEU:HD12	5	0.22
(9,2250)	1:100:A:ALA:HA	1:119:A:LEU:HD13	5	0.22
(9,2250)	1:100:A:ALA:HA	1:119:A:LEU:HD21	5	0.22
(9,2250)	1:100:A:ALA:HA	1:119:A:LEU:HD22	5	0.22
(9,2250)	1:100:A:ALA:HA	1:119:A:LEU:HD23	5	0.22
(9,2199)	1:69:A:MET:HG2	1:73:A:ILE:HD11	3	0.22
(9,2199)	1:69:A:MET:HG2	1:73:A:ILE:HD12	3	0.22
(9,2199)	1:69:A:MET:HG2	1:73:A:ILE:HD13	3	0.22
(9,2199)	1:69:A:MET:HG3	1:73:A:ILE:HD11	3	0.22
(9,2199)	1:69:A:MET:HG3	1:73:A:ILE:HD12	3	0.22
(9,2199)	1:69:A:MET:HG3	1:73:A:ILE:HD13	3	0.22
(9,2185)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	3	0.22
(9,2185)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	3	0.22
(9,2185)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	3	0.22
(9,2185)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	3	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2174)	1:64:A:LYS:H	1:116:A:GLN:HE21	13	0.22
(9,2174)	1:64:A:LYS:H	1:116:A:GLN:HE22	13	0.22
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG11	16	0.22
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG12	16	0.22
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG13	16	0.22
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG21	16	0.22
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG22	16	0.22
(9,2127)	1:43:A:MET:HE1	1:134:A:VAL:HG23	16	0.22
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG11	16	0.22
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG12	16	0.22
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG13	16	0.22
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG21	16	0.22
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG22	16	0.22
(9,2127)	1:43:A:MET:HE2	1:134:A:VAL:HG23	16	0.22
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG11	16	0.22
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG12	16	0.22
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG13	16	0.22
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG21	16	0.22
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG22	16	0.22
(9,2127)	1:43:A:MET:HE3	1:134:A:VAL:HG23	16	0.22
(9,2093)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	3	0.22
(9,2093)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	3	0.22
(9,2093)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	3	0.22
(9,2093)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	3	0.22
(9,2093)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	3	0.22
(9,2093)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	3	0.22
(9,2093)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	3	0.22
(9,2093)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	3	0.22
(9,2093)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	3	0.22
(9,2093)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	3	0.22
(9,2093)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	3	0.22
(9,2093)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	3	0.22
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD11	9	0.22
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD12	9	0.22
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD13	9	0.22
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD21	9	0.22
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD22	9	0.22
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD23	9	0.22
(9,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD11	13	0.22
(9,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD12	13	0.22
(9,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD13	13	0.22
(9,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD21	13	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD22	13	0.22
(9,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD23	13	0.22
(9,2029)	1:28:A:GLY:HA2	1:30:A:LEU:HD11	2	0.22
(9,2029)	1:28:A:GLY:HA2	1:30:A:LEU:HD12	2	0.22
(9,2029)	1:28:A:GLY:HA2	1:30:A:LEU:HD13	2	0.22
(9,2029)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	2	0.22
(9,2029)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	2	0.22
(9,2029)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	2	0.22
(9,2029)	1:28:A:GLY:HA3	1:30:A:LEU:HD11	2	0.22
(9,2029)	1:28:A:GLY:HA3	1:30:A:LEU:HD12	2	0.22
(9,2029)	1:28:A:GLY:HA3	1:30:A:LEU:HD13	2	0.22
(9,2029)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	2	0.22
(9,2029)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	2	0.22
(9,2029)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	2	0.22
(9,2025)	1:27:A:ARG:HA	1:30:A:LEU:HD11	5	0.22
(9,2025)	1:27:A:ARG:HA	1:30:A:LEU:HD12	5	0.22
(9,2025)	1:27:A:ARG:HA	1:30:A:LEU:HD13	5	0.22
(9,2025)	1:27:A:ARG:HA	1:30:A:LEU:HD21	5	0.22
(9,2025)	1:27:A:ARG:HA	1:30:A:LEU:HD22	5	0.22
(9,2025)	1:27:A:ARG:HA	1:30:A:LEU:HD23	5	0.22
(9,1991)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	2	0.22
(9,1991)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	2	0.22
(9,1991)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	2	0.22
(9,1991)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	2	0.22
(9,1991)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	2	0.22
(9,1991)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	2	0.22
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	17	0.22
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	17	0.22
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	17	0.22
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	17	0.22
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	17	0.22
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	17	0.22
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	17	0.22
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	17	0.22
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	17	0.22
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	17	0.22
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	17	0.22
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	17	0.22
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	17	0.22
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	17	0.22
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	17	0.22
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	17	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	17	0.22
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	17	0.22
(9,1954)	1:12:A:VAL:H	1:14:A:VAL:HG11	5	0.22
(9,1954)	1:12:A:VAL:H	1:14:A:VAL:HG12	5	0.22
(9,1954)	1:12:A:VAL:H	1:14:A:VAL:HG13	5	0.22
(9,1954)	1:12:A:VAL:H	1:14:A:VAL:HG21	5	0.22
(9,1954)	1:12:A:VAL:H	1:14:A:VAL:HG22	5	0.22
(9,1954)	1:12:A:VAL:H	1:14:A:VAL:HG23	5	0.22
(9,1903)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	12	0.22
(9,1903)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	12	0.22
(9,1903)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	12	0.22
(9,1903)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	12	0.22
(9,1903)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	12	0.22
(9,1903)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	12	0.22
(9,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	13	0.22
(9,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	13	0.22
(9,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	13	0.22
(9,1884)	1:104:A:PHE:HE1	1:113:A:PHE:HA	18	0.22
(9,1884)	1:104:A:PHE:HE2	1:113:A:PHE:HA	18	0.22
(9,1725)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	1	0.22
(9,1725)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	1	0.22
(9,1725)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	1	0.22
(9,1719)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	11	0.22
(9,1719)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	11	0.22
(9,1719)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	11	0.22
(9,1697)	1:34:A:LYS:HA	1:35:A:LEU:HB3	16	0.22
(9,1597)	1:120:A:CYS:H	1:121:A:VAL:HG21	5	0.22
(9,1597)	1:120:A:CYS:H	1:121:A:VAL:HG22	5	0.22
(9,1597)	1:120:A:CYS:H	1:121:A:VAL:HG23	5	0.22
(9,1523)	1:69:A:MET:HE1	1:113:A:PHE:HB3	10	0.22
(9,1523)	1:69:A:MET:HE2	1:113:A:PHE:HB3	10	0.22
(9,1523)	1:69:A:MET:HE3	1:113:A:PHE:HB3	10	0.22
(9,1518)	1:69:A:MET:HE1	1:113:A:PHE:HD1	5	0.22
(9,1518)	1:69:A:MET:HE1	1:113:A:PHE:HD2	5	0.22
(9,1518)	1:69:A:MET:HE2	1:113:A:PHE:HD1	5	0.22
(9,1518)	1:69:A:MET:HE2	1:113:A:PHE:HD2	5	0.22
(9,1518)	1:69:A:MET:HE3	1:113:A:PHE:HD1	5	0.22
(9,1518)	1:69:A:MET:HE3	1:113:A:PHE:HD2	5	0.22
(9,1510)	1:11:A:ILE:HG21	1:43:A:MET:HE1	11	0.22
(9,1510)	1:11:A:ILE:HG21	1:43:A:MET:HE2	11	0.22
(9,1510)	1:11:A:ILE:HG21	1:43:A:MET:HE3	11	0.22
(9,1510)	1:11:A:ILE:HG22	1:43:A:MET:HE1	11	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1510)	1:11:A:ILE:HG22	1:43:A:MET:HE2	11	0.22
(9,1510)	1:11:A:ILE:HG22	1:43:A:MET:HE3	11	0.22
(9,1510)	1:11:A:ILE:HG23	1:43:A:MET:HE1	11	0.22
(9,1510)	1:11:A:ILE:HG23	1:43:A:MET:HE2	11	0.22
(9,1510)	1:11:A:ILE:HG23	1:43:A:MET:HE3	11	0.22
(9,1474)	1:101:A:ILE:HG21	1:116:A:GLN:H	1	0.22
(9,1474)	1:101:A:ILE:HG22	1:116:A:GLN:H	1	0.22
(9,1474)	1:101:A:ILE:HG23	1:116:A:GLN:H	1	0.22
(9,1426)	1:119:A:LEU:HA	1:121:A:VAL:HG21	5	0.22
(9,1426)	1:119:A:LEU:HA	1:121:A:VAL:HG22	5	0.22
(9,1426)	1:119:A:LEU:HA	1:121:A:VAL:HG23	5	0.22
(9,1398)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	4	0.22
(9,1398)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	4	0.22
(9,1398)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	4	0.22
(9,1355)	1:118:A:ASP:HA	1:121:A:VAL:HG11	5	0.22
(9,1355)	1:118:A:ASP:HA	1:121:A:VAL:HG12	5	0.22
(9,1355)	1:118:A:ASP:HA	1:121:A:VAL:HG13	5	0.22
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG11	13	0.22
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG12	13	0.22
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG13	13	0.22
(9,1302)	1:66:A:THR:HG21	1:96:A:VAL:HB	18	0.22
(9,1302)	1:66:A:THR:HG22	1:96:A:VAL:HB	18	0.22
(9,1302)	1:66:A:THR:HG23	1:96:A:VAL:HB	18	0.22
(9,1251)	1:37:A:LEU:HD11	1:38:A:GLU:HA	9	0.22
(9,1251)	1:37:A:LEU:HD12	1:38:A:GLU:HA	9	0.22
(9,1251)	1:37:A:LEU:HD13	1:38:A:GLU:HA	9	0.22
(9,1248)	1:21:A:THR:HG21	1:23:A:LEU:HA	6	0.22
(9,1248)	1:21:A:THR:HG22	1:23:A:LEU:HA	6	0.22
(9,1248)	1:21:A:THR:HG23	1:23:A:LEU:HA	6	0.22
(9,1238)	1:39:A:VAL:H	1:139:A:LEU:HD21	11	0.22
(9,1238)	1:39:A:VAL:H	1:139:A:LEU:HD22	11	0.22
(9,1238)	1:39:A:VAL:H	1:139:A:LEU:HD23	11	0.22
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD21	11	0.22
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD22	11	0.22
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD23	11	0.22
(9,1148)	1:78:A:HIS:HA	1:79:A:THR:HB	18	0.22
(9,1113)	1:129:A:LYS:HA	1:132:A:ALA:HB1	18	0.22
(9,1113)	1:129:A:LYS:HA	1:132:A:ALA:HB2	18	0.22
(9,1113)	1:129:A:LYS:HA	1:132:A:ALA:HB3	18	0.22
(9,1037)	1:11:A:ILE:HA	1:11:A:ILE:HD11	1	0.22
(9,1037)	1:11:A:ILE:HA	1:11:A:ILE:HD12	1	0.22
(9,1037)	1:11:A:ILE:HA	1:11:A:ILE:HD13	1	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,974)	1:47:A:ALA:HB1	1:134:A:VAL:HB	15	0.22
(9,974)	1:47:A:ALA:HB2	1:134:A:VAL:HB	15	0.22
(9,974)	1:47:A:ALA:HB3	1:134:A:VAL:HB	15	0.22
(9,954)	1:12:A:VAL:HA	1:43:A:MET:HG3	5	0.22
(9,909)	1:44:A:GLU:HA	1:44:A:GLU:HG2	3	0.22
(9,909)	1:44:A:GLU:HA	1:44:A:GLU:HG2	13	0.22
(9,817)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	10	0.22
(9,817)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	10	0.22
(9,817)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	10	0.22
(9,743)	1:105:A:LYS:HG2	1:112:A:GLN:HE21	1	0.22
(9,717)	1:73:A:ILE:HG21	1:76:A:ARG:HE	16	0.22
(9,717)	1:73:A:ILE:HG22	1:76:A:ARG:HE	16	0.22
(9,717)	1:73:A:ILE:HG23	1:76:A:ARG:HE	16	0.22
(9,713)	1:76:A:ARG:HE	1:113:A:PHE:HE1	10	0.22
(9,713)	1:76:A:ARG:HE	1:113:A:PHE:HE2	10	0.22
(9,691)	1:98:A:ILE:H	1:100:A:ALA:H	12	0.22
(9,597)	1:55:A:GLY:H	1:57:A:LEU:H	17	0.22
(9,597)	1:55:A:GLY:H	1:57:A:LEU:H	18	0.22
(9,518)	1:105:A:LYS:H	1:106:A:ASP:HB3	8	0.22
(9,446)	1:73:A:ILE:HB	1:76:A:ARG:H	17	0.22
(9,384)	1:40:A:LEU:HB3	1:41:A:LYS:H	11	0.22
(9,383)	1:41:A:LYS:H	1:44:A:GLU:HG2	10	0.22
(9,286)	1:113:A:PHE:H	1:116:A:GLN:HG3	17	0.22
(9,269)	1:27:A:ARG:HB3	1:29:A:LYS:H	10	0.22
(9,269)	1:27:A:ARG:HB3	1:29:A:LYS:H	18	0.22
(9,235)	1:110:A:MET:HE1	1:114:A:ILE:H	7	0.22
(9,235)	1:110:A:MET:HE2	1:114:A:ILE:H	7	0.22
(9,235)	1:110:A:MET:HE3	1:114:A:ILE:H	7	0.22
(9,220)	1:44:A:GLU:HB2	1:48:A:ARG:H	15	0.22
(9,220)	1:44:A:GLU:HB3	1:48:A:ARG:H	15	0.22
(9,180)	1:8:A:ASP:H	1:58:A:ILE:HD11	1	0.22
(9,180)	1:8:A:ASP:H	1:58:A:ILE:HD12	1	0.22
(9,180)	1:8:A:ASP:H	1:58:A:ILE:HD13	1	0.22
(9,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	2	0.22
(9,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	2	0.22
(9,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	2	0.22
(9,45)	1:98:A:ILE:H	1:104:A:PHE:HB3	6	0.22
(9,40)	1:43:A:MET:HA	1:47:A:ALA:H	15	0.22
(9,34)	1:95:A:ILE:HB	1:96:A:VAL:H	11	0.22
(9,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	17	0.22
(7,2461)	1:143:A:TRP:H	1:144:A:LEU:HD11	1	0.22
(7,2461)	1:143:A:TRP:H	1:144:A:LEU:HD12	1	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2461)	1:143:A:TRP:H	1:144:A:LEU:HD13	1	0.22
(7,2461)	1:143:A:TRP:H	1:144:A:LEU:HD21	1	0.22
(7,2461)	1:143:A:TRP:H	1:144:A:LEU:HD22	1	0.22
(7,2461)	1:143:A:TRP:H	1:144:A:LEU:HD23	1	0.22
(7,2356)	1:116:A:GLN:HA	1:116:A:GLN:HG2	17	0.22
(7,2356)	1:116:A:GLN:HA	1:116:A:GLN:HG3	17	0.22
(7,2319)	1:107:A:LEU:HD11	1:112:A:GLN:HA	18	0.22
(7,2319)	1:107:A:LEU:HD12	1:112:A:GLN:HA	18	0.22
(7,2319)	1:107:A:LEU:HD13	1:112:A:GLN:HA	18	0.22
(7,2319)	1:107:A:LEU:HD21	1:112:A:GLN:HA	18	0.22
(7,2319)	1:107:A:LEU:HD22	1:112:A:GLN:HA	18	0.22
(7,2319)	1:107:A:LEU:HD23	1:112:A:GLN:HA	18	0.22
(7,2262)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	12	0.22
(7,2262)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	12	0.22
(7,2262)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	12	0.22
(7,2262)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	12	0.22
(7,2262)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	12	0.22
(7,2262)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	12	0.22
(7,2194)	1:63:A:ILE:HG12	1:113:A:PHE:HE1	5	0.22
(7,2194)	1:63:A:ILE:HG12	1:113:A:PHE:HE2	5	0.22
(7,2194)	1:63:A:ILE:HG13	1:113:A:PHE:HE1	5	0.22
(7,2194)	1:63:A:ILE:HG13	1:113:A:PHE:HE2	5	0.22
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD11	17	0.22
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD12	17	0.22
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD13	17	0.22
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD21	17	0.22
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD22	17	0.22
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD23	17	0.22
(7,2121)	1:43:A:MET:HE1	1:46:A:ASN:HD21	8	0.22
(7,2121)	1:43:A:MET:HE1	1:46:A:ASN:HD22	8	0.22
(7,2121)	1:43:A:MET:HE2	1:46:A:ASN:HD21	8	0.22
(7,2121)	1:43:A:MET:HE2	1:46:A:ASN:HD22	8	0.22
(7,2121)	1:43:A:MET:HE3	1:46:A:ASN:HD21	8	0.22
(7,2121)	1:43:A:MET:HE3	1:46:A:ASN:HD22	8	0.22
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD11	4	0.22
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD12	4	0.22
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD13	4	0.22
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD21	4	0.22
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD22	4	0.22
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD23	4	0.22
(7,2086)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	13	0.22
(7,2086)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	13	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2086)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	13	0.22
(7,2086)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	13	0.22
(7,2086)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	13	0.22
(7,2086)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	13	0.22
(7,2086)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	13	0.22
(7,2086)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	13	0.22
(7,2086)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	13	0.22
(7,2086)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	13	0.22
(7,2086)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	13	0.22
(7,2086)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	13	0.22
(7,2083)	1:39:A:VAL:HG11	1:42:A:GLU:HB2	14	0.22
(7,2083)	1:39:A:VAL:HG11	1:42:A:GLU:HB3	14	0.22
(7,2083)	1:39:A:VAL:HG12	1:42:A:GLU:HB2	14	0.22
(7,2083)	1:39:A:VAL:HG12	1:42:A:GLU:HB3	14	0.22
(7,2083)	1:39:A:VAL:HG13	1:42:A:GLU:HB2	14	0.22
(7,2083)	1:39:A:VAL:HG13	1:42:A:GLU:HB3	14	0.22
(7,2083)	1:39:A:VAL:HG21	1:42:A:GLU:HB2	14	0.22
(7,2083)	1:39:A:VAL:HG21	1:42:A:GLU:HB3	14	0.22
(7,2083)	1:39:A:VAL:HG22	1:42:A:GLU:HB2	14	0.22
(7,2083)	1:39:A:VAL:HG22	1:42:A:GLU:HB3	14	0.22
(7,2083)	1:39:A:VAL:HG23	1:42:A:GLU:HB2	14	0.22
(7,2083)	1:39:A:VAL:HG23	1:42:A:GLU:HB3	14	0.22
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD11	13	0.22
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD12	13	0.22
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD13	13	0.22
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD21	13	0.22
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD22	13	0.22
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD23	13	0.22
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD11	17	0.22
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD12	17	0.22
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD13	17	0.22
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD21	17	0.22
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD22	17	0.22
(7,2056)	1:36:A:PRO:HB2	1:40:A:LEU:HD23	17	0.22
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG12	18	0.22
(7,1980)	1:18:A:PHE:HZ	1:63:A:ILE:HG13	18	0.22
(7,1927)	1:12:A:VAL:HA	1:40:A:LEU:HD11	9	0.22
(7,1927)	1:12:A:VAL:HA	1:40:A:LEU:HD12	9	0.22
(7,1927)	1:12:A:VAL:HA	1:40:A:LEU:HD13	9	0.22
(7,1927)	1:12:A:VAL:HA	1:40:A:LEU:HD21	9	0.22
(7,1927)	1:12:A:VAL:HA	1:40:A:LEU:HD22	9	0.22
(7,1927)	1:12:A:VAL:HA	1:40:A:LEU:HD23	9	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1905)	1:10:A:ASN:HB2	1:79:A:THR:HB	17	0.22
(7,1905)	1:10:A:ASN:HB3	1:79:A:THR:HB	17	0.22
(7,1883)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	3	0.22
(7,1883)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	3	0.22
(7,1883)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	3	0.22
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	6	0.22
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	6	0.22
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	6	0.22
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	6	0.22
(7,1862)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	13	0.22
(7,1862)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	13	0.22
(7,1862)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	13	0.22
(7,1853)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	3	0.22
(7,1853)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	3	0.22
(7,1853)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	3	0.22
(7,1853)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	3	0.22
(7,1853)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	18	0.22
(7,1853)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	18	0.22
(7,1853)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	18	0.22
(7,1853)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	18	0.22
(7,1826)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	2	0.22
(7,1791)	1:9:A:PHE:HZ	1:54:A:ARG:HA	10	0.22
(7,1728)	1:66:A:THR:HG21	1:97:A:ASP:HA	2	0.22
(7,1728)	1:66:A:THR:HG22	1:97:A:ASP:HA	2	0.22
(7,1728)	1:66:A:THR:HG23	1:97:A:ASP:HA	2	0.22
(7,1700)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	1	0.22
(7,1700)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	1	0.22
(7,1700)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	1	0.22
(7,1672)	1:34:A:LYS:HA	1:35:A:LEU:HB3	16	0.22
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD11	13	0.22
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD12	13	0.22
(7,1551)	1:59:A:CYS:HA	1:63:A:ILE:HD13	13	0.22
(7,1502)	1:69:A:MET:HE1	1:113:A:PHE:HD1	5	0.22
(7,1502)	1:69:A:MET:HE1	1:113:A:PHE:HD2	5	0.22
(7,1502)	1:69:A:MET:HE2	1:113:A:PHE:HD1	5	0.22
(7,1502)	1:69:A:MET:HE2	1:113:A:PHE:HD2	5	0.22
(7,1502)	1:69:A:MET:HE3	1:113:A:PHE:HD1	5	0.22
(7,1502)	1:69:A:MET:HE3	1:113:A:PHE:HD2	5	0.22
(7,1479)	1:114:A:ILE:HG21	1:117:A:VAL:HB	12	0.22
(7,1479)	1:114:A:ILE:HG22	1:117:A:VAL:HB	12	0.22
(7,1479)	1:114:A:ILE:HG23	1:117:A:VAL:HB	12	0.22
(7,1457)	1:101:A:ILE:HG21	1:116:A:GLN:H	1	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1457)	1:101:A:ILE:HG22	1:116:A:GLN:H	1	0.22
(7,1457)	1:101:A:ILE:HG23	1:116:A:GLN:H	1	0.22
(7,1436)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	3	0.22
(7,1436)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	3	0.22
(7,1436)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	3	0.22
(7,1426)	1:50:A:ALA:HB1	1:130:A:GLY:H	12	0.22
(7,1426)	1:50:A:ALA:HB2	1:130:A:GLY:H	12	0.22
(7,1426)	1:50:A:ALA:HB3	1:130:A:GLY:H	12	0.22
(7,1414)	1:119:A:LEU:HA	1:121:A:VAL:HG21	5	0.22
(7,1414)	1:119:A:LEU:HA	1:121:A:VAL:HG22	5	0.22
(7,1414)	1:119:A:LEU:HA	1:121:A:VAL:HG23	5	0.22
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG21	8	0.22
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG22	8	0.22
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG23	8	0.22
(7,1367)	1:49:A:LYS:HG2	1:50:A:ALA:HA	18	0.22
(7,1367)	1:49:A:LYS:HG3	1:50:A:ALA:HA	18	0.22
(7,1349)	1:21:A:THR:H	1:21:A:THR:HG21	16	0.22
(7,1349)	1:21:A:THR:H	1:21:A:THR:HG22	16	0.22
(7,1349)	1:21:A:THR:H	1:21:A:THR:HG23	16	0.22
(7,1349)	1:21:A:THR:H	1:21:A:THR:HG21	18	0.22
(7,1349)	1:21:A:THR:H	1:21:A:THR:HG22	18	0.22
(7,1349)	1:21:A:THR:H	1:21:A:THR:HG23	18	0.22
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG11	6	0.22
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG12	6	0.22
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG13	6	0.22
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG11	7	0.22
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG12	7	0.22
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG13	7	0.22
(7,1332)	1:73:A:ILE:HB	1:76:A:ARG:HA	18	0.22
(7,1320)	1:103:A:ARG:HG2	1:106:A:ASP:HA	6	0.22
(7,1320)	1:103:A:ARG:HG3	1:106:A:ASP:HA	6	0.22
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD11	1	0.22
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD12	1	0.22
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD13	1	0.22
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD11	1	0.22
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD12	1	0.22
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD13	1	0.22
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD11	1	0.22
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD12	1	0.22
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD13	1	0.22
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD11	16	0.22
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD12	16	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD13	16	0.22
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD11	16	0.22
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD12	16	0.22
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD13	16	0.22
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD11	16	0.22
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD12	16	0.22
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD13	16	0.22
(7,1268)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	7	0.22
(7,1268)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	7	0.22
(7,1268)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	7	0.22
(7,1251)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	9	0.22
(7,1251)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	9	0.22
(7,1251)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	9	0.22
(7,1224)	1:40:A:LEU:HA	1:40:A:LEU:HD11	17	0.22
(7,1224)	1:40:A:LEU:HA	1:40:A:LEU:HD12	17	0.22
(7,1224)	1:40:A:LEU:HA	1:40:A:LEU:HD13	17	0.22
(7,1200)	1:110:A:MET:HA	1:113:A:PHE:HB2	14	0.22
(7,1200)	1:110:A:MET:HA	1:113:A:PHE:HB2	18	0.22
(7,1182)	1:41:A:LYS:H	1:41:A:LYS:HG3	8	0.22
(7,1108)	1:40:A:LEU:HA	1:40:A:LEU:HD21	4	0.22
(7,1108)	1:40:A:LEU:HA	1:40:A:LEU:HD22	4	0.22
(7,1108)	1:40:A:LEU:HA	1:40:A:LEU:HD23	4	0.22
(7,1017)	1:11:A:ILE:HA	1:11:A:ILE:HG12	17	0.22
(7,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	4	0.22
(7,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	4	0.22
(7,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	4	0.22
(7,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	4	0.22
(7,983)	1:98:A:ILE:HB	1:105:A:LYS:HB2	3	0.22
(7,983)	1:98:A:ILE:HB	1:105:A:LYS:HB3	3	0.22
(7,952)	1:43:A:MET:HB2	1:140:A:LEU:HD11	10	0.22
(7,952)	1:43:A:MET:HB2	1:140:A:LEU:HD12	10	0.22
(7,952)	1:43:A:MET:HB2	1:140:A:LEU:HD13	10	0.22
(7,917)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	5	0.22
(7,917)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	5	0.22
(7,917)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	5	0.22
(7,917)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	5	0.22
(7,865)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	5	0.22
(7,865)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	5	0.22
(7,865)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	5	0.22
(7,856)	1:57:A:LEU:HA	1:60:A:LEU:HB3	6	0.22
(7,776)	1:63:A:ILE:HD11	1:64:A:LYS:H	8	0.22
(7,776)	1:63:A:ILE:HD12	1:64:A:LYS:H	8	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,776)	1:63:A:ILE:HD13	1:64:A:LYS:H	8	0.22
(7,652)	1:98:A:ILE:H	1:100:A:ALA:H	12	0.22
(7,649)	1:70:A:LYS:H	1:74:A:PRO:HA	10	0.22
(7,574)	1:11:A:ILE:HD11	1:16:A:SER:H	3	0.22
(7,574)	1:11:A:ILE:HD12	1:16:A:SER:H	3	0.22
(7,574)	1:11:A:ILE:HD13	1:16:A:SER:H	3	0.22
(7,490)	1:98:A:ILE:H	1:105:A:LYS:H	6	0.22
(7,474)	1:48:A:ARG:HA	1:53:A:THR:H	2	0.22
(7,442)	1:68:A:LYS:H	1:70:A:LYS:HG3	9	0.22
(7,442)	1:68:A:LYS:H	1:70:A:LYS:HG3	19	0.22
(7,440)	1:73:A:ILE:HB	1:76:A:ARG:H	17	0.22
(7,368)	1:132:A:ALA:H	1:133:A:ASN:HD22	18	0.22
(7,235)	1:110:A:MET:HE1	1:114:A:ILE:H	7	0.22
(7,235)	1:110:A:MET:HE2	1:114:A:ILE:H	7	0.22
(7,235)	1:110:A:MET:HE3	1:114:A:ILE:H	7	0.22
(7,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	5	0.22
(7,89)	1:96:A:VAL:H	1:97:A:ASP:H	1	0.22
(7,47)	1:98:A:ILE:H	1:101:A:ILE:HB	3	0.22
(7,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	17	0.22
(6,2318)	1:105:A:LYS:H	1:105:A:LYS:HG2	10	0.22
(6,2318)	1:105:A:LYS:H	1:105:A:LYS:HG3	10	0.22
(6,2289)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	12	0.22
(6,2289)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	12	0.22
(6,2289)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	12	0.22
(6,2289)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	12	0.22
(6,2289)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	12	0.22
(6,2289)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	12	0.22
(6,2274)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	10	0.22
(6,2274)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	10	0.22
(6,2274)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	10	0.22
(6,2274)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	10	0.22
(6,2261)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	2	0.22
(6,2261)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	2	0.22
(6,2261)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	6	0.22
(6,2261)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	6	0.22
(6,2261)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	12	0.22
(6,2261)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	12	0.22
(6,2149)	1:43:A:MET:HE1	1:46:A:ASN:HD21	8	0.22
(6,2149)	1:43:A:MET:HE1	1:46:A:ASN:HD22	8	0.22
(6,2149)	1:43:A:MET:HE2	1:46:A:ASN:HD21	8	0.22
(6,2149)	1:43:A:MET:HE2	1:46:A:ASN:HD22	8	0.22
(6,2149)	1:43:A:MET:HE3	1:46:A:ASN:HD21	8	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2149)	1:43:A:MET:HE3	1:46:A:ASN:HD22	8	0.22
(6,2119)	1:39:A:VAL:HG11	1:144:A:LEU:H	14	0.22
(6,2119)	1:39:A:VAL:HG12	1:144:A:LEU:H	14	0.22
(6,2119)	1:39:A:VAL:HG13	1:144:A:LEU:H	14	0.22
(6,2119)	1:39:A:VAL:HG21	1:144:A:LEU:H	14	0.22
(6,2119)	1:39:A:VAL:HG22	1:144:A:LEU:H	14	0.22
(6,2119)	1:39:A:VAL:HG23	1:144:A:LEU:H	14	0.22
(6,2082)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	6	0.22
(6,2082)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	6	0.22
(6,2082)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	6	0.22
(6,2082)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	6	0.22
(6,2082)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	6	0.22
(6,2082)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	6	0.22
(6,2079)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	16	0.22
(6,2079)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	16	0.22
(6,2079)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	16	0.22
(6,2079)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	16	0.22
(6,2079)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	16	0.22
(6,2079)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	16	0.22
(6,2064)	1:34:A:LYS:H	1:81:A:GLU:HB2	8	0.22
(6,2064)	1:34:A:LYS:H	1:81:A:GLU:HB3	8	0.22
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD11	17	0.22
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD12	17	0.22
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD13	17	0.22
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD21	17	0.22
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD22	17	0.22
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD23	17	0.22
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG11	3	0.22
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG12	3	0.22
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG13	3	0.22
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG21	3	0.22
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG22	3	0.22
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG23	3	0.22
(6,2002)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	14	0.22
(6,2002)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	14	0.22
(6,2002)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	14	0.22
(6,2002)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	14	0.22
(6,2002)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	14	0.22
(6,2002)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	14	0.22
(6,2002)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	14	0.22
(6,2002)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	14	0.22
(6,2002)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	14	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2002)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	14	0.22
(6,2002)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	14	0.22
(6,2002)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	14	0.22
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD11	10	0.22
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD12	10	0.22
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD13	10	0.22
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD21	10	0.22
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD22	10	0.22
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD23	10	0.22
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	10	0.22
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	10	0.22
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	10	0.22
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	10	0.22
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	10	0.22
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	10	0.22
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	10	0.22
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	10	0.22
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	10	0.22
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	10	0.22
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	10	0.22
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	10	0.22
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	10	0.22
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	10	0.22
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	10	0.22
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	10	0.22
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	10	0.22
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	10	0.22
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD11	13	0.22
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD12	13	0.22
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD13	13	0.22
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD21	13	0.22
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD22	13	0.22
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD23	13	0.22
(6,1929)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	3	0.22
(6,1929)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	3	0.22
(6,1929)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	3	0.22
(6,1915)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	13	0.22
(6,1915)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	13	0.22
(6,1912)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	17	0.22
(6,1912)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	17	0.22
(6,1912)	1:113:A:PHE:HE1	1:114:A:ILE:HG12	17	0.22
(6,1912)	1:113:A:PHE:HE2	1:114:A:ILE:HG12	17	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1901)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	13	0.22
(6,1901)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	13	0.22
(6,1901)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	13	0.22
(6,1869)	1:113:A:PHE:HE1	1:114:A:ILE:HA	18	0.22
(6,1869)	1:113:A:PHE:HE2	1:114:A:ILE:HA	18	0.22
(6,1857)	1:9:A:PHE:HD1	1:11:A:ILE:HG13	4	0.22
(6,1857)	1:9:A:PHE:HD2	1:11:A:ILE:HG13	4	0.22
(6,1791)	1:80:A:TYR:HD1	1:81:A:GLU:HA	14	0.22
(6,1791)	1:80:A:TYR:HD2	1:81:A:GLU:HA	14	0.22
(6,1777)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	19	0.22
(6,1777)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	19	0.22
(6,1777)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	19	0.22
(6,1777)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	19	0.22
(6,1736)	1:98:A:ILE:HG21	1:102:A:PRO:HD3	19	0.22
(6,1736)	1:98:A:ILE:HG22	1:102:A:PRO:HD3	19	0.22
(6,1736)	1:98:A:ILE:HG23	1:102:A:PRO:HD3	19	0.22
(6,1727)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	11	0.22
(6,1727)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	11	0.22
(6,1727)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	11	0.22
(6,1703)	1:34:A:LYS:HA	1:35:A:LEU:HB3	16	0.22
(6,1576)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	7	0.22
(6,1576)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	7	0.22
(6,1576)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	7	0.22
(6,1576)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	7	0.22
(6,1576)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	7	0.22
(6,1576)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	7	0.22
(6,1517)	1:69:A:MET:HE1	1:113:A:PHE:HD1	5	0.22
(6,1517)	1:69:A:MET:HE1	1:113:A:PHE:HD2	5	0.22
(6,1517)	1:69:A:MET:HE2	1:113:A:PHE:HD1	5	0.22
(6,1517)	1:69:A:MET:HE2	1:113:A:PHE:HD2	5	0.22
(6,1517)	1:69:A:MET:HE3	1:113:A:PHE:HD1	5	0.22
(6,1517)	1:69:A:MET:HE3	1:113:A:PHE:HD2	5	0.22
(6,1454)	1:13:A:ALA:HB1	1:79:A:THR:HB	10	0.22
(6,1454)	1:13:A:ALA:HB2	1:79:A:THR:HB	10	0.22
(6,1454)	1:13:A:ALA:HB3	1:79:A:THR:HB	10	0.22
(6,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB1	10	0.22
(6,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB2	10	0.22
(6,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB3	10	0.22
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	9	0.22
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	9	0.22
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	9	0.22
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	9	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	9	0.22
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	9	0.22
(6,1402)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	10	0.22
(6,1402)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	10	0.22
(6,1402)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	10	0.22
(6,1402)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	10	0.22
(6,1402)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	10	0.22
(6,1402)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	10	0.22
(6,1360)	1:21:A:THR:H	1:21:A:THR:HG21	16	0.22
(6,1360)	1:21:A:THR:H	1:21:A:THR:HG22	16	0.22
(6,1360)	1:21:A:THR:H	1:21:A:THR:HG23	16	0.22
(6,1360)	1:21:A:THR:H	1:21:A:THR:HG21	18	0.22
(6,1360)	1:21:A:THR:H	1:21:A:THR:HG22	18	0.22
(6,1360)	1:21:A:THR:H	1:21:A:THR:HG23	18	0.22
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG11	6	0.22
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG12	6	0.22
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG13	6	0.22
(6,1340)	1:17:A:ASN:HA	1:76:A:ARG:HA	11	0.22
(6,1221)	1:143:A:TRP:H	1:144:A:LEU:HD11	11	0.22
(6,1221)	1:143:A:TRP:H	1:144:A:LEU:HD12	11	0.22
(6,1221)	1:143:A:TRP:H	1:144:A:LEU:HD13	11	0.22
(6,1199)	1:41:A:LYS:H	1:41:A:LYS:HG3	8	0.22
(6,1168)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	1	0.22
(6,1168)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	1	0.22
(6,1168)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	1	0.22
(6,1106)	1:143:A:TRP:HA	1:143:A:TRP:HE3	9	0.22
(6,1097)	1:129:A:LYS:HA	1:132:A:ALA:HB1	18	0.22
(6,1097)	1:129:A:LYS:HA	1:132:A:ALA:HB2	18	0.22
(6,1097)	1:129:A:LYS:HA	1:132:A:ALA:HB3	18	0.22
(6,1014)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	13	0.22
(6,1003)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	4	0.22
(6,1003)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	4	0.22
(6,1003)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	4	0.22
(6,1003)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	4	0.22
(6,953)	1:138:A:ASP:HA	1:141:A:LYS:HB2	18	0.22
(6,953)	1:138:A:ASP:HA	1:141:A:LYS:HB3	18	0.22
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	14	0.22
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	14	0.22
(6,908)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	14	0.22
(6,869)	1:14:A:VAL:HA	1:18:A:PHE:HB2	5	0.22
(6,866)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	5	0.22
(6,866)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	5	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,866)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	5	0.22
(6,832)	1:48:A:ARG:HD2	1:49:A:LYS:H	13	0.22
(6,832)	1:48:A:ARG:HD3	1:49:A:LYS:H	13	0.22
(6,814)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	18	0.22
(6,814)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	18	0.22
(6,814)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	18	0.22
(6,788)	1:63:A:ILE:HD11	1:117:A:VAL:HB	16	0.22
(6,788)	1:63:A:ILE:HD12	1:117:A:VAL:HB	16	0.22
(6,788)	1:63:A:ILE:HD13	1:117:A:VAL:HB	16	0.22
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	7	0.22
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	7	0.22
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	7	0.22
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	7	0.22
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	7	0.22
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	7	0.22
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	7	0.22
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	7	0.22
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	7	0.22
(6,712)	1:76:A:ARG:HE	1:113:A:PHE:HE1	10	0.22
(6,712)	1:76:A:ARG:HE	1:113:A:PHE:HE2	10	0.22
(6,691)	1:98:A:ILE:H	1:100:A:ALA:H	12	0.22
(6,468)	1:48:A:ARG:HA	1:53:A:THR:H	2	0.22
(6,436)	1:73:A:ILE:HB	1:76:A:ARG:H	17	0.22
(6,217)	1:44:A:GLU:HG2	1:48:A:ARG:H	5	0.22
(6,216)	1:44:A:GLU:HB2	1:48:A:ARG:H	11	0.22
(6,216)	1:44:A:GLU:HB3	1:48:A:ARG:H	11	0.22
(6,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	2	0.22
(6,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	2	0.22
(6,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	2	0.22
(6,48)	1:98:A:ILE:H	1:101:A:ILE:HB	3	0.22
(6,31)	1:95:A:ILE:HB	1:96:A:VAL:H	11	0.22
(6,8)	1:63:A:ILE:HG13	1:64:A:LYS:H	13	0.22
(6,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	17	0.22
(5,2327)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	8	0.22
(5,2327)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	8	0.22
(5,2327)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	8	0.22
(5,2327)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	8	0.22
(5,2327)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	8	0.22
(5,2327)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	8	0.22
(5,2327)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	8	0.22
(5,2327)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	8	0.22
(5,2327)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	8	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2327)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	8	0.22
(5,2327)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	8	0.22
(5,2327)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	8	0.22
(5,2226)	1:65:A:CYS:HB2	1:70:A:LYS:HA	14	0.22
(5,2226)	1:65:A:CYS:HB3	1:70:A:LYS:HA	14	0.22
(5,2214)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	9	0.22
(5,2214)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	9	0.22
(5,2214)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	9	0.22
(5,2214)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	9	0.22
(5,2214)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	9	0.22
(5,2214)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	9	0.22
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	15	0.22
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	15	0.22
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	15	0.22
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	15	0.22
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	15	0.22
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	15	0.22
(5,2202)	1:60:A:LEU:HD11	1:120:A:CYS:HA	2	0.22
(5,2202)	1:60:A:LEU:HD12	1:120:A:CYS:HA	2	0.22
(5,2202)	1:60:A:LEU:HD13	1:120:A:CYS:HA	2	0.22
(5,2202)	1:60:A:LEU:HD21	1:120:A:CYS:HA	2	0.22
(5,2202)	1:60:A:LEU:HD22	1:120:A:CYS:HA	2	0.22
(5,2202)	1:60:A:LEU:HD23	1:120:A:CYS:HA	2	0.22
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	11	0.22
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	11	0.22
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	11	0.22
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	11	0.22
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	11	0.22
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	11	0.22
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	11	0.22
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	11	0.22
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	11	0.22
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	11	0.22
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	11	0.22
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	11	0.22
(5,2120)	1:40:A:LEU:HB2	1:44:A:GLU:HG3	17	0.22
(5,2120)	1:40:A:LEU:HB3	1:44:A:GLU:HG3	17	0.22
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD11	4	0.22
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD12	4	0.22
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD13	4	0.22
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD21	4	0.22
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD22	4	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD23	4	0.22
(5,2106)	1:39:A:VAL:HG11	1:143:A:TRP:H	3	0.22
(5,2106)	1:39:A:VAL:HG12	1:143:A:TRP:H	3	0.22
(5,2106)	1:39:A:VAL:HG13	1:143:A:TRP:H	3	0.22
(5,2106)	1:39:A:VAL:HG21	1:143:A:TRP:H	3	0.22
(5,2106)	1:39:A:VAL:HG22	1:143:A:TRP:H	3	0.22
(5,2106)	1:39:A:VAL:HG23	1:143:A:TRP:H	3	0.22
(5,2090)	1:39:A:VAL:HA	1:43:A:MET:HG2	15	0.22
(5,2090)	1:39:A:VAL:HA	1:43:A:MET:HG3	15	0.22
(5,2048)	1:34:A:LYS:H	1:81:A:GLU:HB2	8	0.22
(5,2048)	1:34:A:LYS:H	1:81:A:GLU:HB3	8	0.22
(5,1996)	1:16:A:SER:H	1:17:A:ASN:HD21	18	0.22
(5,1996)	1:16:A:SER:H	1:17:A:ASN:HD22	18	0.22
(5,1973)	1:12:A:VAL:HA	1:40:A:LEU:HD11	9	0.22
(5,1973)	1:12:A:VAL:HA	1:40:A:LEU:HD12	9	0.22
(5,1973)	1:12:A:VAL:HA	1:40:A:LEU:HD13	9	0.22
(5,1973)	1:12:A:VAL:HA	1:40:A:LEU:HD21	9	0.22
(5,1973)	1:12:A:VAL:HA	1:40:A:LEU:HD22	9	0.22
(5,1973)	1:12:A:VAL:HA	1:40:A:LEU:HD23	9	0.22
(5,1928)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	13	0.22
(5,1928)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	13	0.22
(5,1927)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	12	0.22
(5,1927)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	12	0.22
(5,1927)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	12	0.22
(5,1927)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	12	0.22
(5,1927)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	12	0.22
(5,1927)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	12	0.22
(5,1891)	1:113:A:PHE:HE1	1:114:A:ILE:HA	18	0.22
(5,1891)	1:113:A:PHE:HE2	1:114:A:ILE:HA	18	0.22
(5,1882)	1:9:A:PHE:HZ	1:11:A:ILE:HA	1	0.22
(5,1757)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	1	0.22
(5,1757)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	1	0.22
(5,1757)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	1	0.22
(5,1724)	1:34:A:LYS:HA	1:35:A:LEU:HB3	16	0.22
(5,1708)	1:72:A:PHE:HB2	1:109:A:PRO:HA	7	0.22
(5,1609)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	9	0.22
(5,1609)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	9	0.22
(5,1609)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	9	0.22
(5,1590)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	7	0.22
(5,1590)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	7	0.22
(5,1590)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	7	0.22
(5,1590)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	7	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1590)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	7	0.22
(5,1590)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	7	0.22
(5,1537)	1:69:A:MET:HE1	1:113:A:PHE:HD1	5	0.22
(5,1537)	1:69:A:MET:HE1	1:113:A:PHE:HD2	5	0.22
(5,1537)	1:69:A:MET:HE2	1:113:A:PHE:HD1	5	0.22
(5,1537)	1:69:A:MET:HE2	1:113:A:PHE:HD2	5	0.22
(5,1537)	1:69:A:MET:HE3	1:113:A:PHE:HD1	5	0.22
(5,1537)	1:69:A:MET:HE3	1:113:A:PHE:HD2	5	0.22
(5,1531)	1:11:A:ILE:HG21	1:43:A:MET:HE1	11	0.22
(5,1531)	1:11:A:ILE:HG21	1:43:A:MET:HE2	11	0.22
(5,1531)	1:11:A:ILE:HG21	1:43:A:MET:HE3	11	0.22
(5,1531)	1:11:A:ILE:HG22	1:43:A:MET:HE1	11	0.22
(5,1531)	1:11:A:ILE:HG22	1:43:A:MET:HE2	11	0.22
(5,1531)	1:11:A:ILE:HG22	1:43:A:MET:HE3	11	0.22
(5,1531)	1:11:A:ILE:HG23	1:43:A:MET:HE1	11	0.22
(5,1531)	1:11:A:ILE:HG23	1:43:A:MET:HE2	11	0.22
(5,1531)	1:11:A:ILE:HG23	1:43:A:MET:HE3	11	0.22
(5,1496)	1:101:A:ILE:HG21	1:116:A:GLN:H	1	0.22
(5,1496)	1:101:A:ILE:HG22	1:116:A:GLN:H	1	0.22
(5,1496)	1:101:A:ILE:HG23	1:116:A:GLN:H	1	0.22
(5,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	3	0.22
(5,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	3	0.22
(5,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	3	0.22
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	9	0.22
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	9	0.22
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	9	0.22
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	9	0.22
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	9	0.22
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	9	0.22
(5,1403)	1:49:A:LYS:HG2	1:50:A:ALA:HA	18	0.22
(5,1403)	1:49:A:LYS:HG3	1:50:A:ALA:HA	18	0.22
(5,1358)	1:103:A:ARG:HG2	1:106:A:ASP:HA	6	0.22
(5,1358)	1:103:A:ARG:HG3	1:106:A:ASP:HA	6	0.22
(5,1325)	1:66:A:THR:HG21	1:96:A:VAL:HB	18	0.22
(5,1325)	1:66:A:THR:HG22	1:96:A:VAL:HB	18	0.22
(5,1325)	1:66:A:THR:HG23	1:96:A:VAL:HB	18	0.22
(5,1307)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	7	0.22
(5,1307)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	7	0.22
(5,1307)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	7	0.22
(5,1290)	1:44:A:GLU:HB2	1:45:A:ALA:HA	1	0.22
(5,1290)	1:44:A:GLU:HB3	1:45:A:ALA:HA	1	0.22
(5,1216)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	19	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1216)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	19	0.22
(5,1216)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	19	0.22
(5,1122)	1:129:A:LYS:HA	1:132:A:ALA:HB1	18	0.22
(5,1122)	1:129:A:LYS:HA	1:132:A:ALA:HB2	18	0.22
(5,1122)	1:129:A:LYS:HA	1:132:A:ALA:HB3	18	0.22
(5,1097)	1:141:A:LYS:HA	1:148:A:CYS:HB3	14	0.22
(5,1083)	1:44:A:GLU:HA	1:48:A:ARG:HB2	6	0.22
(5,1083)	1:44:A:GLU:HA	1:48:A:ARG:HB3	6	0.22
(5,1047)	1:11:A:ILE:HA	1:11:A:ILE:HG12	17	0.22
(5,1025)	1:113:A:PHE:HA	1:116:A:GLN:HG3	13	0.22
(5,1001)	1:98:A:ILE:HB	1:105:A:LYS:HB2	3	0.22
(5,1001)	1:98:A:ILE:HB	1:105:A:LYS:HB3	3	0.22
(5,939)	1:63:A:ILE:HG12	1:117:A:VAL:HA	13	0.22
(5,929)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	5	0.22
(5,929)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	5	0.22
(5,929)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	5	0.22
(5,929)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	5	0.22
(5,909)	1:19:A:ALA:HB1	1:20:A:THR:HB	1	0.22
(5,909)	1:19:A:ALA:HB2	1:20:A:THR:HB	1	0.22
(5,909)	1:19:A:ALA:HB3	1:20:A:THR:HB	1	0.22
(5,909)	1:19:A:ALA:HB1	1:20:A:THR:HB	16	0.22
(5,909)	1:19:A:ALA:HB2	1:20:A:THR:HB	16	0.22
(5,909)	1:19:A:ALA:HB3	1:20:A:THR:HB	16	0.22
(5,909)	1:19:A:ALA:HB1	1:20:A:THR:HB	17	0.22
(5,909)	1:19:A:ALA:HB2	1:20:A:THR:HB	17	0.22
(5,909)	1:19:A:ALA:HB3	1:20:A:THR:HB	17	0.22
(5,890)	1:73:A:ILE:HB	1:76:A:ARG:HA	3	0.22
(5,880)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	1	0.22
(5,880)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	1	0.22
(5,880)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	1	0.22
(5,864)	1:57:A:LEU:HA	1:60:A:LEU:HB3	6	0.22
(5,859)	1:39:A:VAL:H	1:139:A:LEU:HB2	7	0.22
(5,859)	1:39:A:VAL:H	1:139:A:LEU:HB3	7	0.22
(5,859)	1:39:A:VAL:H	1:139:A:LEU:HB2	17	0.22
(5,859)	1:39:A:VAL:H	1:139:A:LEU:HB3	17	0.22
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	13	0.22
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	13	0.22
(5,796)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	13	0.22
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	13	0.22
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	13	0.22
(5,796)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	13	0.22
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	13	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	13	0.22
(5,796)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	13	0.22
(5,697)	1:98:A:ILE:H	1:100:A:ALA:H	12	0.22
(5,670)	1:63:A:ILE:HG12	1:117:A:VAL:H	9	0.22
(5,662)	1:108:A:GLU:H	1:112:A:GLN:H	1	0.22
(5,650)	1:70:A:LYS:H	1:74:A:PRO:HA	10	0.22
(5,463)	1:48:A:ARG:HA	1:53:A:THR:H	2	0.22
(5,432)	1:73:A:ILE:HB	1:76:A:ARG:H	17	0.22
(5,366)	1:41:A:LYS:H	1:44:A:GLU:HB2	16	0.22
(5,366)	1:41:A:LYS:H	1:44:A:GLU:HB3	16	0.22
(5,273)	1:113:A:PHE:H	1:116:A:GLN:HG3	17	0.22
(5,217)	1:9:A:PHE:HE1	1:10:A:ASN:H	2	0.22
(5,217)	1:9:A:PHE:HE2	1:10:A:ASN:H	2	0.22
(5,212)	1:44:A:GLU:HB2	1:48:A:ARG:H	15	0.22
(5,212)	1:44:A:GLU:HB3	1:48:A:ARG:H	15	0.22
(5,183)	1:44:A:GLU:H	1:44:A:GLU:HG2	4	0.22
(5,111)	1:22:A:ASP:H	1:23:A:LEU:HB2	9	0.22
(5,111)	1:22:A:ASP:H	1:23:A:LEU:HB3	9	0.22
(5,34)	1:95:A:ILE:HB	1:96:A:VAL:H	11	0.22
(5,8)	1:63:A:ILE:HG13	1:64:A:LYS:H	13	0.22
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD21	4	0.22
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD22	4	0.22
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD23	4	0.22
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD21	4	0.22
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD22	4	0.22
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD23	4	0.22
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD21	12	0.22
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD22	12	0.22
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD23	12	0.22
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD21	12	0.22
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD22	12	0.22
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD23	12	0.22
(4,2335)	1:107:A:LEU:HD11	1:115:A:ALA:H	10	0.22
(4,2335)	1:107:A:LEU:HD12	1:115:A:ALA:H	10	0.22
(4,2335)	1:107:A:LEU:HD13	1:115:A:ALA:H	10	0.22
(4,2335)	1:107:A:LEU:HD21	1:115:A:ALA:H	10	0.22
(4,2335)	1:107:A:LEU:HD22	1:115:A:ALA:H	10	0.22
(4,2335)	1:107:A:LEU:HD23	1:115:A:ALA:H	10	0.22
(4,2253)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	3	0.22
(4,2253)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	3	0.22
(4,2236)	1:69:A:MET:HG2	1:73:A:ILE:H	7	0.22
(4,2236)	1:69:A:MET:HG3	1:73:A:ILE:H	7	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2187)	1:57:A:LEU:HG	1:60:A:LEU:HD11	6	0.22
(4,2187)	1:57:A:LEU:HG	1:60:A:LEU:HD12	6	0.22
(4,2187)	1:57:A:LEU:HG	1:60:A:LEU:HD13	6	0.22
(4,2187)	1:57:A:LEU:HG	1:60:A:LEU:HD21	6	0.22
(4,2187)	1:57:A:LEU:HG	1:60:A:LEU:HD22	6	0.22
(4,2187)	1:57:A:LEU:HG	1:60:A:LEU:HD23	6	0.22
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD11	3	0.22
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD12	3	0.22
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD13	3	0.22
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD21	3	0.22
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD22	3	0.22
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD23	3	0.22
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG11	18	0.22
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG12	18	0.22
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG13	18	0.22
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG21	18	0.22
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG22	18	0.22
(4,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG23	18	0.22
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG11	18	0.22
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG12	18	0.22
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG13	18	0.22
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG21	18	0.22
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG22	18	0.22
(4,2143)	1:43:A:MET:HG3	1:134:A:VAL:HG23	18	0.22
(4,2121)	1:40:A:LEU:HD11	1:41:A:LYS:H	17	0.22
(4,2121)	1:40:A:LEU:HD12	1:41:A:LYS:H	17	0.22
(4,2121)	1:40:A:LEU:HD13	1:41:A:LYS:H	17	0.22
(4,2121)	1:40:A:LEU:HD21	1:41:A:LYS:H	17	0.22
(4,2121)	1:40:A:LEU:HD22	1:41:A:LYS:H	17	0.22
(4,2121)	1:40:A:LEU:HD23	1:41:A:LYS:H	17	0.22
(4,2103)	1:39:A:VAL:HG11	1:44:A:GLU:H	14	0.22
(4,2103)	1:39:A:VAL:HG12	1:44:A:GLU:H	14	0.22
(4,2103)	1:39:A:VAL:HG13	1:44:A:GLU:H	14	0.22
(4,2103)	1:39:A:VAL:HG21	1:44:A:GLU:H	14	0.22
(4,2103)	1:39:A:VAL:HG22	1:44:A:GLU:H	14	0.22
(4,2103)	1:39:A:VAL:HG23	1:44:A:GLU:H	14	0.22
(4,2080)	1:35:A:LEU:HD11	1:143:A:TRP:HH2	1	0.22
(4,2080)	1:35:A:LEU:HD12	1:143:A:TRP:HH2	1	0.22
(4,2080)	1:35:A:LEU:HD13	1:143:A:TRP:HH2	1	0.22
(4,2080)	1:35:A:LEU:HD21	1:143:A:TRP:HH2	1	0.22
(4,2080)	1:35:A:LEU:HD22	1:143:A:TRP:HH2	1	0.22
(4,2080)	1:35:A:LEU:HD23	1:143:A:TRP:HH2	1	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2080)	1:35:A:LEU:HD11	1:143:A:TRP:HH2	4	0.22
(4,2080)	1:35:A:LEU:HD12	1:143:A:TRP:HH2	4	0.22
(4,2080)	1:35:A:LEU:HD13	1:143:A:TRP:HH2	4	0.22
(4,2080)	1:35:A:LEU:HD21	1:143:A:TRP:HH2	4	0.22
(4,2080)	1:35:A:LEU:HD22	1:143:A:TRP:HH2	4	0.22
(4,2080)	1:35:A:LEU:HD23	1:143:A:TRP:HH2	4	0.22
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD11	15	0.22
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD12	15	0.22
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD13	15	0.22
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD21	15	0.22
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD22	15	0.22
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD23	15	0.22
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG11	3	0.22
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG12	3	0.22
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG13	3	0.22
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG21	3	0.22
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG22	3	0.22
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG23	3	0.22
(4,1979)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	8	0.22
(4,1979)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	8	0.22
(4,1979)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	8	0.22
(4,1979)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	8	0.22
(4,1979)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	8	0.22
(4,1979)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	8	0.22
(4,1979)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	8	0.22
(4,1979)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	8	0.22
(4,1979)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	8	0.22
(4,1979)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	8	0.22
(4,1979)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	8	0.22
(4,1979)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	8	0.22
(4,1833)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	2	0.22
(4,1798)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	18	0.22
(4,1798)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	18	0.22
(4,1794)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	13	0.22
(4,1794)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	13	0.22
(4,1764)	1:80:A:TYR:HD1	1:81:A:GLU:HA	14	0.22
(4,1764)	1:80:A:TYR:HD2	1:81:A:GLU:HA	14	0.22
(4,1714)	1:98:A:ILE:HG21	1:102:A:PRO:HD3	19	0.22
(4,1714)	1:98:A:ILE:HG22	1:102:A:PRO:HD3	19	0.22
(4,1714)	1:98:A:ILE:HG23	1:102:A:PRO:HD3	19	0.22
(4,1681)	1:34:A:LYS:HA	1:35:A:LEU:HB3	16	0.22
(4,1583)	1:120:A:CYS:H	1:121:A:VAL:HG21	5	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1583)	1:120:A:CYS:H	1:121:A:VAL:HG22	5	0.22
(4,1583)	1:120:A:CYS:H	1:121:A:VAL:HG23	5	0.22
(4,1549)	1:11:A:ILE:HD11	1:14:A:VAL:H	17	0.22
(4,1549)	1:11:A:ILE:HD12	1:14:A:VAL:H	17	0.22
(4,1549)	1:11:A:ILE:HD13	1:14:A:VAL:H	17	0.22
(4,1508)	1:69:A:MET:HE1	1:113:A:PHE:HB3	10	0.22
(4,1508)	1:69:A:MET:HE2	1:113:A:PHE:HB3	10	0.22
(4,1508)	1:69:A:MET:HE3	1:113:A:PHE:HB3	10	0.22
(4,1503)	1:69:A:MET:HE1	1:113:A:PHE:HD1	5	0.22
(4,1503)	1:69:A:MET:HE1	1:113:A:PHE:HD2	5	0.22
(4,1503)	1:69:A:MET:HE2	1:113:A:PHE:HD1	5	0.22
(4,1503)	1:69:A:MET:HE2	1:113:A:PHE:HD2	5	0.22
(4,1503)	1:69:A:MET:HE3	1:113:A:PHE:HD1	5	0.22
(4,1503)	1:69:A:MET:HE3	1:113:A:PHE:HD2	5	0.22
(4,1478)	1:114:A:ILE:HG21	1:117:A:VAL:HB	12	0.22
(4,1478)	1:114:A:ILE:HG22	1:117:A:VAL:HB	12	0.22
(4,1478)	1:114:A:ILE:HG23	1:117:A:VAL:HB	12	0.22
(4,1461)	1:101:A:ILE:HG21	1:116:A:GLN:H	1	0.22
(4,1461)	1:101:A:ILE:HG22	1:116:A:GLN:H	1	0.22
(4,1461)	1:101:A:ILE:HG23	1:116:A:GLN:H	1	0.22
(4,1460)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	1	0.22
(4,1460)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	1	0.22
(4,1460)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	1	0.22
(4,1460)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	1	0.22
(4,1460)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	1	0.22
(4,1460)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	1	0.22
(4,1413)	1:119:A:LEU:HA	1:121:A:VAL:HG21	5	0.22
(4,1413)	1:119:A:LEU:HA	1:121:A:VAL:HG22	5	0.22
(4,1413)	1:119:A:LEU:HA	1:121:A:VAL:HG23	5	0.22
(4,1387)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	13	0.22
(4,1387)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	13	0.22
(4,1387)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	13	0.22
(4,1364)	1:49:A:LYS:HG2	1:50:A:ALA:HA	18	0.22
(4,1364)	1:49:A:LYS:HG3	1:50:A:ALA:HA	18	0.22
(4,1345)	1:21:A:THR:H	1:21:A:THR:HG21	16	0.22
(4,1345)	1:21:A:THR:H	1:21:A:THR:HG22	16	0.22
(4,1345)	1:21:A:THR:H	1:21:A:THR:HG23	16	0.22
(4,1345)	1:21:A:THR:H	1:21:A:THR:HG21	18	0.22
(4,1345)	1:21:A:THR:H	1:21:A:THR:HG22	18	0.22
(4,1345)	1:21:A:THR:H	1:21:A:THR:HG23	18	0.22
(4,1321)	1:103:A:ARG:HG2	1:106:A:ASP:HA	6	0.22
(4,1321)	1:103:A:ARG:HG3	1:106:A:ASP:HA	6	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1295)	1:66:A:THR:HG21	1:98:A:ILE:HD11	10	0.22
(4,1295)	1:66:A:THR:HG21	1:98:A:ILE:HD12	10	0.22
(4,1295)	1:66:A:THR:HG21	1:98:A:ILE:HD13	10	0.22
(4,1295)	1:66:A:THR:HG22	1:98:A:ILE:HD11	10	0.22
(4,1295)	1:66:A:THR:HG22	1:98:A:ILE:HD12	10	0.22
(4,1295)	1:66:A:THR:HG22	1:98:A:ILE:HD13	10	0.22
(4,1295)	1:66:A:THR:HG23	1:98:A:ILE:HD11	10	0.22
(4,1295)	1:66:A:THR:HG23	1:98:A:ILE:HD12	10	0.22
(4,1295)	1:66:A:THR:HG23	1:98:A:ILE:HD13	10	0.22
(4,1272)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	14	0.22
(4,1272)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	14	0.22
(4,1272)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	14	0.22
(4,1272)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	14	0.22
(4,1272)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	14	0.22
(4,1272)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	14	0.22
(4,1265)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	7	0.22
(4,1265)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	7	0.22
(4,1265)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	7	0.22
(4,1206)	1:143:A:TRP:H	1:144:A:LEU:HD11	11	0.22
(4,1206)	1:143:A:TRP:H	1:144:A:LEU:HD12	11	0.22
(4,1206)	1:143:A:TRP:H	1:144:A:LEU:HD13	11	0.22
(4,1095)	1:116:A:GLN:HA	1:116:A:GLN:HG3	18	0.22
(4,1068)	1:70:A:LYS:HA	1:70:A:LYS:HE2	18	0.22
(4,1068)	1:70:A:LYS:HA	1:70:A:LYS:HE3	18	0.22
(4,1065)	1:48:A:ARG:HG2	1:49:A:LYS:HA	14	0.22
(4,1065)	1:48:A:ARG:HG3	1:49:A:LYS:HA	14	0.22
(4,1065)	1:48:A:ARG:HG2	1:49:A:LYS:HA	19	0.22
(4,1065)	1:48:A:ARG:HG3	1:49:A:LYS:HA	19	0.22
(4,1051)	1:38:A:GLU:HA	1:42:A:GLU:H	3	0.22
(4,1015)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	13	0.22
(4,930)	1:63:A:ILE:HG12	1:117:A:VAL:HA	13	0.22
(4,837)	1:48:A:ARG:HD2	1:49:A:LYS:H	13	0.22
(4,837)	1:48:A:ARG:HD3	1:49:A:LYS:H	13	0.22
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	7	0.22
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	7	0.22
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	7	0.22
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	7	0.22
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	7	0.22
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	7	0.22
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	7	0.22
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	7	0.22
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	7	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,708)	1:76:A:ARG:HE	1:113:A:PHE:HE1	10	0.22
(4,708)	1:76:A:ARG:HE	1:113:A:PHE:HE2	10	0.22
(4,689)	1:98:A:ILE:H	1:100:A:ALA:H	12	0.22
(4,639)	1:70:A:LYS:H	1:74:A:PRO:HA	10	0.22
(4,583)	1:75:A:GLY:H	1:76:A:ARG:HB2	3	0.22
(4,582)	1:75:A:GLY:H	1:76:A:ARG:HG2	14	0.22
(4,582)	1:75:A:GLY:H	1:76:A:ARG:HG3	14	0.22
(4,463)	1:48:A:ARG:HA	1:53:A:THR:H	2	0.22
(4,337)	1:123:A:CYS:H	1:128:A:LEU:HD11	17	0.22
(4,337)	1:123:A:CYS:H	1:128:A:LEU:HD12	17	0.22
(4,337)	1:123:A:CYS:H	1:128:A:LEU:HD13	17	0.22
(4,337)	1:123:A:CYS:H	1:128:A:LEU:HD21	17	0.22
(4,337)	1:123:A:CYS:H	1:128:A:LEU:HD22	17	0.22
(4,337)	1:123:A:CYS:H	1:128:A:LEU:HD23	17	0.22
(4,260)	1:39:A:VAL:H	1:40:A:LEU:HB2	3	0.22
(4,227)	1:110:A:MET:HE1	1:114:A:ILE:H	7	0.22
(4,227)	1:110:A:MET:HE2	1:114:A:ILE:H	7	0.22
(4,227)	1:110:A:MET:HE3	1:114:A:ILE:H	7	0.22
(4,123)	1:79:A:THR:HB	1:80:A:TYR:H	17	0.22
(4,53)	1:98:A:ILE:H	1:101:A:ILE:HB	3	0.22
(4,8)	1:63:A:ILE:HG13	1:64:A:LYS:H	13	0.22
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	1	0.22
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	1	0.22
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	1	0.22
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	1	0.22
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	1	0.22
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	1	0.22
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD11	11	0.22
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD12	11	0.22
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD13	11	0.22
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD21	11	0.22
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD22	11	0.22
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD23	11	0.22
(3,2317)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	18	0.22
(3,2317)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	18	0.22
(3,2317)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	18	0.22
(3,2317)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	18	0.22
(3,2317)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	18	0.22
(3,2317)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	18	0.22
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD2	11	0.22
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD3	11	0.22
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG11	10	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG12	10	0.22
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG13	10	0.22
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG21	10	0.22
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG22	10	0.22
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG23	10	0.22
(3,2134)	1:39:A:VAL:HG11	1:42:A:GLU:HB2	14	0.22
(3,2134)	1:39:A:VAL:HG11	1:42:A:GLU:HB3	14	0.22
(3,2134)	1:39:A:VAL:HG12	1:42:A:GLU:HB2	14	0.22
(3,2134)	1:39:A:VAL:HG12	1:42:A:GLU:HB3	14	0.22
(3,2134)	1:39:A:VAL:HG13	1:42:A:GLU:HB2	14	0.22
(3,2134)	1:39:A:VAL:HG13	1:42:A:GLU:HB3	14	0.22
(3,2134)	1:39:A:VAL:HG21	1:42:A:GLU:HB2	14	0.22
(3,2134)	1:39:A:VAL:HG21	1:42:A:GLU:HB3	14	0.22
(3,2134)	1:39:A:VAL:HG22	1:42:A:GLU:HB2	14	0.22
(3,2134)	1:39:A:VAL:HG22	1:42:A:GLU:HB3	14	0.22
(3,2134)	1:39:A:VAL:HG23	1:42:A:GLU:HB2	14	0.22
(3,2134)	1:39:A:VAL:HG23	1:42:A:GLU:HB3	14	0.22
(3,2104)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	13	0.22
(3,2104)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	13	0.22
(3,2104)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	13	0.22
(3,2104)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	13	0.22
(3,2104)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	13	0.22
(3,2104)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	13	0.22
(3,2104)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	13	0.22
(3,2104)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	13	0.22
(3,2104)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	13	0.22
(3,2104)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	13	0.22
(3,2104)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	13	0.22
(3,2104)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	13	0.22
(3,2064)	1:23:A:LEU:HD11	1:24:A:ASP:H	18	0.22
(3,2064)	1:23:A:LEU:HD12	1:24:A:ASP:H	18	0.22
(3,2064)	1:23:A:LEU:HD13	1:24:A:ASP:H	18	0.22
(3,2064)	1:23:A:LEU:HD21	1:24:A:ASP:H	18	0.22
(3,2064)	1:23:A:LEU:HD22	1:24:A:ASP:H	18	0.22
(3,2064)	1:23:A:LEU:HD23	1:24:A:ASP:H	18	0.22
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE1	15	0.22
(3,2038)	1:16:A:SER:HB2	1:80:A:TYR:HE2	15	0.22
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE1	15	0.22
(3,2038)	1:16:A:SER:HB3	1:80:A:TYR:HE2	15	0.22
(3,2032)	1:15:A:ALA:HB1	1:131:A:LEU:HB2	2	0.22
(3,2032)	1:15:A:ALA:HB1	1:131:A:LEU:HB3	2	0.22
(3,2032)	1:15:A:ALA:HB2	1:131:A:LEU:HB2	2	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2032)	1:15:A:ALA:HB2	1:131:A:LEU:HB3	2	0.22
(3,2032)	1:15:A:ALA:HB3	1:131:A:LEU:HB2	2	0.22
(3,2032)	1:15:A:ALA:HB3	1:131:A:LEU:HB3	2	0.22
(3,1932)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	12	0.22
(3,1932)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	12	0.22
(3,1932)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	12	0.22
(3,1932)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	12	0.22
(3,1932)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	12	0.22
(3,1932)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	12	0.22
(3,1919)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	13	0.22
(3,1919)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	13	0.22
(3,1919)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	13	0.22
(3,1894)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	2	0.22
(3,1894)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	2	0.22
(3,1883)	1:9:A:PHE:HZ	1:11:A:ILE:HA	1	0.22
(3,1813)	1:80:A:TYR:HD1	1:81:A:GLU:HA	14	0.22
(3,1813)	1:80:A:TYR:HD2	1:81:A:GLU:HA	14	0.22
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD2	10	0.22
(3,1757)	1:21:A:THR:HG21	1:27:A:ARG:HD3	10	0.22
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD2	10	0.22
(3,1757)	1:21:A:THR:HG22	1:27:A:ARG:HD3	10	0.22
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD2	10	0.22
(3,1757)	1:21:A:THR:HG23	1:27:A:ARG:HD3	10	0.22
(3,1734)	1:34:A:LYS:HA	1:35:A:LEU:HB3	16	0.22
(3,1715)	1:72:A:PHE:HB2	1:109:A:PRO:HA	7	0.22
(3,1696)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	6	0.22
(3,1696)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	6	0.22
(3,1609)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	7	0.22
(3,1609)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	7	0.22
(3,1609)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	7	0.22
(3,1609)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	7	0.22
(3,1609)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	7	0.22
(3,1609)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	7	0.22
(3,1608)	1:61:A:SER:H	1:63:A:ILE:HD11	17	0.22
(3,1608)	1:61:A:SER:H	1:63:A:ILE:HD12	17	0.22
(3,1608)	1:61:A:SER:H	1:63:A:ILE:HD13	17	0.22
(3,1600)	1:11:A:ILE:HD11	1:14:A:VAL:H	17	0.22
(3,1600)	1:11:A:ILE:HD12	1:14:A:VAL:H	17	0.22
(3,1600)	1:11:A:ILE:HD13	1:14:A:VAL:H	17	0.22
(3,1580)	1:40:A:LEU:HD11	1:43:A:MET:H	13	0.22
(3,1580)	1:40:A:LEU:HD12	1:43:A:MET:H	13	0.22
(3,1580)	1:40:A:LEU:HD13	1:43:A:MET:H	13	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1525)	1:12:A:VAL:H	1:43:A:MET:HE1	13	0.22
(3,1525)	1:12:A:VAL:H	1:43:A:MET:HE2	13	0.22
(3,1525)	1:12:A:VAL:H	1:43:A:MET:HE3	13	0.22
(3,1480)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	3	0.22
(3,1480)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	3	0.22
(3,1480)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	3	0.22
(3,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG21	5	0.22
(3,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG22	5	0.22
(3,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG23	5	0.22
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG21	19	0.22
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG22	19	0.22
(3,1440)	1:69:A:MET:HA	1:73:A:ILE:HG23	19	0.22
(3,1392)	1:21:A:THR:H	1:21:A:THR:HG21	6	0.22
(3,1392)	1:21:A:THR:H	1:21:A:THR:HG22	6	0.22
(3,1392)	1:21:A:THR:H	1:21:A:THR:HG23	6	0.22
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD11	2	0.22
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD12	2	0.22
(3,1390)	1:21:A:THR:HG21	1:23:A:LEU:HD13	2	0.22
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD11	2	0.22
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD12	2	0.22
(3,1390)	1:21:A:THR:HG22	1:23:A:LEU:HD13	2	0.22
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD11	2	0.22
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD12	2	0.22
(3,1390)	1:21:A:THR:HG23	1:23:A:LEU:HD13	2	0.22
(3,1368)	1:17:A:ASN:HA	1:76:A:ARG:HA	11	0.22
(3,1340)	1:66:A:THR:HG21	1:98:A:ILE:HD11	10	0.22
(3,1340)	1:66:A:THR:HG21	1:98:A:ILE:HD12	10	0.22
(3,1340)	1:66:A:THR:HG21	1:98:A:ILE:HD13	10	0.22
(3,1340)	1:66:A:THR:HG22	1:98:A:ILE:HD11	10	0.22
(3,1340)	1:66:A:THR:HG22	1:98:A:ILE:HD12	10	0.22
(3,1340)	1:66:A:THR:HG22	1:98:A:ILE:HD13	10	0.22
(3,1340)	1:66:A:THR:HG23	1:98:A:ILE:HD11	10	0.22
(3,1340)	1:66:A:THR:HG23	1:98:A:ILE:HD12	10	0.22
(3,1340)	1:66:A:THR:HG23	1:98:A:ILE:HD13	10	0.22
(3,1331)	1:66:A:THR:HG21	1:96:A:VAL:HB	18	0.22
(3,1331)	1:66:A:THR:HG22	1:96:A:VAL:HB	18	0.22
(3,1331)	1:66:A:THR:HG23	1:96:A:VAL:HB	18	0.22
(3,1311)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	7	0.22
(3,1311)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	7	0.22
(3,1311)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	7	0.22
(3,1276)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	18	0.22
(3,1276)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	18	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1276)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	18	0.22
(3,1276)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	18	0.22
(3,1276)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	18	0.22
(3,1276)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	18	0.22
(3,1276)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	18	0.22
(3,1276)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	18	0.22
(3,1276)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	18	0.22
(3,1119)	1:41:A:LYS:HG3	1:42:A:GLU:HA	18	0.22
(3,1056)	1:11:A:ILE:HA	1:11:A:ILE:HG12	17	0.22
(3,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	4	0.22
(3,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	4	0.22
(3,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	4	0.22
(3,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	4	0.22
(3,1015)	1:98:A:ILE:HB	1:105:A:LYS:HB2	3	0.22
(3,1015)	1:98:A:ILE:HB	1:105:A:LYS:HB3	3	0.22
(3,982)	1:69:A:MET:H	1:109:A:PRO:HB2	7	0.22
(3,982)	1:69:A:MET:H	1:109:A:PRO:HB3	7	0.22
(3,952)	1:63:A:ILE:HG12	1:117:A:VAL:HA	13	0.22
(3,945)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	5	0.22
(3,945)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	5	0.22
(3,945)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	5	0.22
(3,945)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	5	0.22
(3,883)	1:57:A:LEU:HA	1:60:A:LEU:HB3	6	0.22
(3,877)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	5	0.22
(3,877)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	5	0.22
(3,857)	1:48:A:ARG:HD2	1:49:A:LYS:H	13	0.22
(3,857)	1:48:A:ARG:HD3	1:49:A:LYS:H	13	0.22
(3,848)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	17	0.22
(3,848)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	17	0.22
(3,848)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	17	0.22
(3,848)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	17	0.22
(3,848)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	17	0.22
(3,848)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	17	0.22
(3,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	16	0.22
(3,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	16	0.22
(3,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	16	0.22
(3,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	16	0.22
(3,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	16	0.22
(3,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	16	0.22
(3,826)	1:98:A:ILE:HD11	1:101:A:ILE:H	9	0.22
(3,826)	1:98:A:ILE:HD12	1:101:A:ILE:H	9	0.22
(3,826)	1:98:A:ILE:HD13	1:101:A:ILE:H	9	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,739)	1:50:A:ALA:H	1:130:A:GLY:HA3	15	0.22
(3,733)	1:76:A:ARG:HE	1:113:A:PHE:HE1	10	0.22
(3,733)	1:76:A:ARG:HE	1:113:A:PHE:HE2	10	0.22
(3,728)	1:44:A:GLU:HB2	1:54:A:ARG:HE	4	0.22
(3,728)	1:44:A:GLU:HB3	1:54:A:ARG:HE	4	0.22
(3,703)	1:98:A:ILE:H	1:100:A:ALA:H	12	0.22
(3,660)	1:66:A:THR:H	1:116:A:GLN:HE22	16	0.22
(3,655)	1:70:A:LYS:H	1:74:A:PRO:HA	10	0.22
(3,475)	1:48:A:ARG:HA	1:53:A:THR:H	2	0.22
(3,443)	1:73:A:ILE:HB	1:76:A:ARG:H	17	0.22
(3,437)	1:68:A:LYS:H	1:68:A:LYS:HE2	2	0.22
(3,437)	1:68:A:LYS:H	1:68:A:LYS:HE3	2	0.22
(3,411)	1:119:A:LEU:H	1:119:A:LEU:HD21	15	0.22
(3,411)	1:119:A:LEU:H	1:119:A:LEU:HD22	15	0.22
(3,411)	1:119:A:LEU:H	1:119:A:LEU:HD23	15	0.22
(3,375)	1:41:A:LYS:H	1:44:A:GLU:HB2	16	0.22
(3,375)	1:41:A:LYS:H	1:44:A:GLU:HB3	16	0.22
(3,264)	1:39:A:VAL:H	1:40:A:LEU:HB2	15	0.22
(3,262)	1:27:A:ARG:HB3	1:29:A:LYS:H	10	0.22
(3,262)	1:27:A:ARG:HB3	1:29:A:LYS:H	18	0.22
(3,232)	1:110:A:MET:HE1	1:114:A:ILE:H	7	0.22
(3,232)	1:110:A:MET:HE2	1:114:A:ILE:H	7	0.22
(3,232)	1:110:A:MET:HE3	1:114:A:ILE:H	7	0.22
(3,216)	1:44:A:GLU:HB2	1:48:A:ARG:H	4	0.22
(3,216)	1:44:A:GLU:HB3	1:48:A:ARG:H	4	0.22
(3,178)	1:8:A:ASP:H	1:58:A:ILE:HD11	1	0.22
(3,178)	1:8:A:ASP:H	1:58:A:ILE:HD12	1	0.22
(3,178)	1:8:A:ASP:H	1:58:A:ILE:HD13	1	0.22
(3,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	2	0.22
(3,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	2	0.22
(3,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	2	0.22
(3,115)	1:22:A:ASP:H	1:23:A:LEU:HB2	9	0.22
(3,115)	1:22:A:ASP:H	1:23:A:LEU:HB3	9	0.22
(3,53)	1:98:A:ILE:H	1:101:A:ILE:HB	3	0.22
(3,10)	1:63:A:ILE:HG13	1:64:A:LYS:H	13	0.22
(2,2463)	1:140:A:LEU:HD11	1:144:A:LEU:H	1	0.22
(2,2463)	1:140:A:LEU:HD12	1:144:A:LEU:H	1	0.22
(2,2463)	1:140:A:LEU:HD13	1:144:A:LEU:H	1	0.22
(2,2463)	1:140:A:LEU:HD21	1:144:A:LEU:H	1	0.22
(2,2463)	1:140:A:LEU:HD22	1:144:A:LEU:H	1	0.22
(2,2463)	1:140:A:LEU:HD23	1:144:A:LEU:H	1	0.22
(2,2396)	1:121:A:VAL:HA	1:123:A:CYS:HB2	6	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2396)	1:121:A:VAL:HA	1:123:A:CYS:HB3	6	0.22
(2,2345)	1:107:A:LEU:H	1:107:A:LEU:HD11	11	0.22
(2,2345)	1:107:A:LEU:H	1:107:A:LEU:HD12	11	0.22
(2,2345)	1:107:A:LEU:H	1:107:A:LEU:HD13	11	0.22
(2,2345)	1:107:A:LEU:H	1:107:A:LEU:HD21	11	0.22
(2,2345)	1:107:A:LEU:H	1:107:A:LEU:HD22	11	0.22
(2,2345)	1:107:A:LEU:H	1:107:A:LEU:HD23	11	0.22
(2,2294)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	15	0.22
(2,2294)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	15	0.22
(2,2251)	1:65:A:CYS:HB2	1:70:A:LYS:HA	14	0.22
(2,2251)	1:65:A:CYS:HB3	1:70:A:LYS:HA	14	0.22
(2,2228)	1:60:A:LEU:HD11	1:61:A:SER:HB2	1	0.22
(2,2228)	1:60:A:LEU:HD11	1:61:A:SER:HB3	1	0.22
(2,2228)	1:60:A:LEU:HD12	1:61:A:SER:HB2	1	0.22
(2,2228)	1:60:A:LEU:HD12	1:61:A:SER:HB3	1	0.22
(2,2228)	1:60:A:LEU:HD13	1:61:A:SER:HB2	1	0.22
(2,2228)	1:60:A:LEU:HD13	1:61:A:SER:HB3	1	0.22
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	11	0.22
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	11	0.22
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	11	0.22
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	11	0.22
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	11	0.22
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	11	0.22
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	11	0.22
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	11	0.22
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	11	0.22
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	11	0.22
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	11	0.22
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	11	0.22
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD11	18	0.22
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD12	18	0.22
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD13	18	0.22
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD21	18	0.22
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD22	18	0.22
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD23	18	0.22
(2,2129)	1:39:A:VAL:HG11	1:143:A:TRP:H	2	0.22
(2,2129)	1:39:A:VAL:HG12	1:143:A:TRP:H	2	0.22
(2,2129)	1:39:A:VAL:HG13	1:143:A:TRP:H	2	0.22
(2,2129)	1:39:A:VAL:HG21	1:143:A:TRP:H	2	0.22
(2,2129)	1:39:A:VAL:HG22	1:143:A:TRP:H	2	0.22
(2,2129)	1:39:A:VAL:HG23	1:143:A:TRP:H	2	0.22
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD11	4	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD12	4	0.22
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD13	4	0.22
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD21	4	0.22
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD22	4	0.22
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD23	4	0.22
(2,2095)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	16	0.22
(2,2095)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	16	0.22
(2,2095)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	16	0.22
(2,2095)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	16	0.22
(2,2095)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	16	0.22
(2,2095)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	16	0.22
(2,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	4	0.22
(2,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	4	0.22
(2,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	4	0.22
(2,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	4	0.22
(2,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	4	0.22
(2,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	4	0.22
(2,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	4	0.22
(2,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	4	0.22
(2,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	4	0.22
(2,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	4	0.22
(2,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	4	0.22
(2,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	4	0.22
(2,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	4	0.22
(2,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	4	0.22
(2,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	4	0.22
(2,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	4	0.22
(2,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	4	0.22
(2,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	4	0.22
(2,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD11	9	0.22
(2,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD12	9	0.22
(2,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD13	9	0.22
(2,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD21	9	0.22
(2,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD22	9	0.22
(2,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD23	9	0.22
(2,1948)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	9	0.22
(2,1948)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	9	0.22
(2,1898)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	15	0.22
(2,1898)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	15	0.22
(2,1898)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	15	0.22
(2,1898)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	15	0.22
(2,1898)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	15	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1898)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	15	0.22
(2,1890)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	2	0.22
(2,1890)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	2	0.22
(2,1876)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	19	0.22
(2,1876)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	19	0.22
(2,1876)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	19	0.22
(2,1876)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	19	0.22
(2,1876)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	19	0.22
(2,1876)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	19	0.22
(2,1862)	1:143:A:TRP:HA	1:143:A:TRP:HE3	13	0.22
(2,1811)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	12	0.22
(2,1811)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	12	0.22
(2,1811)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	12	0.22
(2,1811)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	12	0.22
(2,1811)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	12	0.22
(2,1811)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	12	0.22
(2,1785)	1:66:A:THR:HG21	1:97:A:ASP:HA	2	0.22
(2,1785)	1:66:A:THR:HG22	1:97:A:ASP:HA	2	0.22
(2,1785)	1:66:A:THR:HG23	1:97:A:ASP:HA	2	0.22
(2,1751)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	1	0.22
(2,1751)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	1	0.22
(2,1751)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	1	0.22
(2,1720)	1:34:A:LYS:HA	1:35:A:LEU:HB3	16	0.22
(2,1561)	1:18:A:PHE:HD1	1:131:A:LEU:HD21	1	0.22
(2,1561)	1:18:A:PHE:HD1	1:131:A:LEU:HD22	1	0.22
(2,1561)	1:18:A:PHE:HD1	1:131:A:LEU:HD23	1	0.22
(2,1561)	1:18:A:PHE:HD2	1:131:A:LEU:HD21	1	0.22
(2,1561)	1:18:A:PHE:HD2	1:131:A:LEU:HD22	1	0.22
(2,1561)	1:18:A:PHE:HD2	1:131:A:LEU:HD23	1	0.22
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD21	18	0.22
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD22	18	0.22
(2,1558)	1:43:A:MET:H	1:144:A:LEU:HD23	18	0.22
(2,1528)	1:69:A:MET:HE1	1:113:A:PHE:HB3	10	0.22
(2,1528)	1:69:A:MET:HE2	1:113:A:PHE:HB3	10	0.22
(2,1528)	1:69:A:MET:HE3	1:113:A:PHE:HB3	10	0.22
(2,1523)	1:69:A:MET:HE1	1:113:A:PHE:HD1	5	0.22
(2,1523)	1:69:A:MET:HE1	1:113:A:PHE:HD2	5	0.22
(2,1523)	1:69:A:MET:HE2	1:113:A:PHE:HD1	5	0.22
(2,1523)	1:69:A:MET:HE2	1:113:A:PHE:HD2	5	0.22
(2,1523)	1:69:A:MET:HE3	1:113:A:PHE:HD1	5	0.22
(2,1523)	1:69:A:MET:HE3	1:113:A:PHE:HD2	5	0.22
(2,1500)	1:114:A:ILE:HG21	1:117:A:VAL:HB	12	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1500)	1:114:A:ILE:HG22	1:117:A:VAL:HB	12	0.22
(2,1500)	1:114:A:ILE:HG23	1:117:A:VAL:HB	12	0.22
(2,1485)	1:101:A:ILE:HG21	1:116:A:GLN:H	1	0.22
(2,1485)	1:101:A:ILE:HG22	1:116:A:GLN:H	1	0.22
(2,1485)	1:101:A:ILE:HG23	1:116:A:GLN:H	1	0.22
(2,1456)	1:47:A:ALA:HA	1:50:A:ALA:HB1	5	0.22
(2,1456)	1:47:A:ALA:HA	1:50:A:ALA:HB2	5	0.22
(2,1456)	1:47:A:ALA:HA	1:50:A:ALA:HB3	5	0.22
(2,1438)	1:119:A:LEU:HA	1:121:A:VAL:HG21	5	0.22
(2,1438)	1:119:A:LEU:HA	1:121:A:VAL:HG22	5	0.22
(2,1438)	1:119:A:LEU:HA	1:121:A:VAL:HG23	5	0.22
(2,1411)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	13	0.22
(2,1411)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	13	0.22
(2,1411)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	13	0.22
(2,1370)	1:21:A:THR:H	1:21:A:THR:HG21	16	0.22
(2,1370)	1:21:A:THR:H	1:21:A:THR:HG22	16	0.22
(2,1370)	1:21:A:THR:H	1:21:A:THR:HG23	16	0.22
(2,1370)	1:21:A:THR:H	1:21:A:THR:HG21	18	0.22
(2,1370)	1:21:A:THR:H	1:21:A:THR:HG22	18	0.22
(2,1370)	1:21:A:THR:H	1:21:A:THR:HG23	18	0.22
(2,1345)	1:17:A:ASN:HA	1:76:A:ARG:HA	11	0.22
(2,1339)	1:103:A:ARG:HG2	1:106:A:ASP:HA	6	0.22
(2,1339)	1:103:A:ARG:HG3	1:106:A:ASP:HA	6	0.22
(2,1245)	1:37:A:LEU:HD11	1:38:A:GLU:HA	9	0.22
(2,1245)	1:37:A:LEU:HD12	1:38:A:GLU:HA	9	0.22
(2,1245)	1:37:A:LEU:HD13	1:38:A:GLU:HA	9	0.22
(2,1223)	1:143:A:TRP:H	1:144:A:LEU:HD11	11	0.22
(2,1223)	1:143:A:TRP:H	1:144:A:LEU:HD12	11	0.22
(2,1223)	1:143:A:TRP:H	1:144:A:LEU:HD13	11	0.22
(2,1172)	1:128:A:LEU:HD11	1:129:A:LYS:H	3	0.22
(2,1172)	1:128:A:LEU:HD12	1:129:A:LYS:H	3	0.22
(2,1172)	1:128:A:LEU:HD13	1:129:A:LYS:H	3	0.22
(2,1105)	1:129:A:LYS:HA	1:132:A:ALA:HB1	18	0.22
(2,1105)	1:129:A:LYS:HA	1:132:A:ALA:HB2	18	0.22
(2,1105)	1:129:A:LYS:HA	1:132:A:ALA:HB3	18	0.22
(2,1080)	1:141:A:LYS:HA	1:148:A:CYS:HB3	14	0.22
(2,1033)	1:11:A:ILE:HA	1:11:A:ILE:HG12	17	0.22
(2,981)	1:105:A:LYS:HD2	1:107:A:LEU:H	9	0.22
(2,981)	1:105:A:LYS:HD3	1:107:A:LEU:H	9	0.22
(2,893)	1:69:A:MET:HE1	1:73:A:ILE:HB	14	0.22
(2,893)	1:69:A:MET:HE2	1:73:A:ILE:HB	14	0.22
(2,893)	1:69:A:MET:HE3	1:73:A:ILE:HB	14	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,841)	1:43:A:MET:HE1	1:144:A:LEU:HB2	10	0.22
(2,841)	1:43:A:MET:HE2	1:144:A:LEU:HB2	10	0.22
(2,841)	1:43:A:MET:HE3	1:144:A:LEU:HB2	10	0.22
(2,841)	1:43:A:MET:HE1	1:144:A:LEU:HB3	10	0.22
(2,841)	1:43:A:MET:HE2	1:144:A:LEU:HB3	10	0.22
(2,841)	1:43:A:MET:HE3	1:144:A:LEU:HB3	10	0.22
(2,799)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	17	0.22
(2,799)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	17	0.22
(2,799)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	17	0.22
(2,799)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	17	0.22
(2,799)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	17	0.22
(2,799)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	17	0.22
(2,796)	1:58:A:ILE:H	1:58:A:ILE:HD11	13	0.22
(2,796)	1:58:A:ILE:H	1:58:A:ILE:HD12	13	0.22
(2,796)	1:58:A:ILE:H	1:58:A:ILE:HD13	13	0.22
(2,715)	1:76:A:ARG:HE	1:113:A:PHE:HE1	10	0.22
(2,715)	1:76:A:ARG:HE	1:113:A:PHE:HE2	10	0.22
(2,714)	1:44:A:GLU:HB2	1:54:A:ARG:HE	4	0.22
(2,714)	1:44:A:GLU:HB3	1:54:A:ARG:HE	4	0.22
(2,694)	1:98:A:ILE:H	1:100:A:ALA:H	12	0.22
(2,661)	1:108:A:GLU:H	1:112:A:GLN:H	1	0.22
(2,649)	1:70:A:LYS:H	1:74:A:PRO:HA	10	0.22
(2,438)	1:73:A:ILE:HB	1:76:A:ARG:H	17	0.22
(2,412)	1:125:A:THR:H	1:125:A:THR:HB	19	0.22
(2,372)	1:40:A:LEU:HB3	1:41:A:LYS:H	11	0.22
(2,226)	1:10:A:ASN:H	1:10:A:ASN:HB3	9	0.22
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD11	16	0.22
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD12	16	0.22
(2,178)	1:8:A:ASP:H	1:58:A:ILE:HD13	16	0.22
(2,122)	1:48:A:ARG:HD2	1:49:A:LYS:H	4	0.22
(2,122)	1:48:A:ARG:HD3	1:49:A:LYS:H	4	0.22
(2,112)	1:22:A:ASP:H	1:23:A:LEU:HB2	9	0.22
(2,112)	1:22:A:ASP:H	1:23:A:LEU:HB3	9	0.22
(2,47)	1:98:A:ILE:H	1:101:A:ILE:HB	3	0.22
(2,33)	1:95:A:ILE:HB	1:96:A:VAL:H	11	0.22
(2,13)	1:64:A:LYS:H	1:64:A:LYS:HD2	9	0.22
(2,13)	1:64:A:LYS:H	1:64:A:LYS:HD3	9	0.22
(2,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	17	0.22
(1,2443)	1:143:A:TRP:H	1:144:A:LEU:HD11	5	0.22
(1,2443)	1:143:A:TRP:H	1:144:A:LEU:HD12	5	0.22
(1,2443)	1:143:A:TRP:H	1:144:A:LEU:HD13	5	0.22
(1,2443)	1:143:A:TRP:H	1:144:A:LEU:HD21	5	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2443)	1:143:A:TRP:H	1:144:A:LEU:HD22	5	0.22
(1,2443)	1:143:A:TRP:H	1:144:A:LEU:HD23	5	0.22
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG12	10	0.22
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG13	10	0.22
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG12	10	0.22
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG13	10	0.22
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG12	10	0.22
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG13	10	0.22
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD11	7	0.22
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD12	7	0.22
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD13	7	0.22
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD21	7	0.22
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD22	7	0.22
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD23	7	0.22
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD11	8	0.22
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD12	8	0.22
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD13	8	0.22
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD21	8	0.22
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD22	8	0.22
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD23	8	0.22
(1,2135)	1:43:A:MET:HA	1:134:A:VAL:HG11	16	0.22
(1,2135)	1:43:A:MET:HA	1:134:A:VAL:HG12	16	0.22
(1,2135)	1:43:A:MET:HA	1:134:A:VAL:HG13	16	0.22
(1,2135)	1:43:A:MET:HA	1:134:A:VAL:HG21	16	0.22
(1,2135)	1:43:A:MET:HA	1:134:A:VAL:HG22	16	0.22
(1,2135)	1:43:A:MET:HA	1:134:A:VAL:HG23	16	0.22
(1,2124)	1:40:A:LEU:HD11	1:43:A:MET:HG3	15	0.22
(1,2124)	1:40:A:LEU:HD12	1:43:A:MET:HG3	15	0.22
(1,2124)	1:40:A:LEU:HD13	1:43:A:MET:HG3	15	0.22
(1,2124)	1:40:A:LEU:HD21	1:43:A:MET:HG3	15	0.22
(1,2124)	1:40:A:LEU:HD22	1:43:A:MET:HG3	15	0.22
(1,2124)	1:40:A:LEU:HD23	1:43:A:MET:HG3	15	0.22
(1,2105)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	13	0.22
(1,2105)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	13	0.22
(1,2105)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	13	0.22
(1,2105)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	13	0.22
(1,2105)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	13	0.22
(1,2105)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	13	0.22
(1,2105)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	13	0.22
(1,2105)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	13	0.22
(1,2105)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	13	0.22
(1,2105)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	13	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2105)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	13	0.22
(1,2105)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	13	0.22
(1,2077)	1:35:A:LEU:HD11	1:143:A:TRP:HH2	1	0.22
(1,2077)	1:35:A:LEU:HD12	1:143:A:TRP:HH2	1	0.22
(1,2077)	1:35:A:LEU:HD13	1:143:A:TRP:HH2	1	0.22
(1,2077)	1:35:A:LEU:HD21	1:143:A:TRP:HH2	1	0.22
(1,2077)	1:35:A:LEU:HD22	1:143:A:TRP:HH2	1	0.22
(1,2077)	1:35:A:LEU:HD23	1:143:A:TRP:HH2	1	0.22
(1,2077)	1:35:A:LEU:HD11	1:143:A:TRP:HH2	4	0.22
(1,2077)	1:35:A:LEU:HD12	1:143:A:TRP:HH2	4	0.22
(1,2077)	1:35:A:LEU:HD13	1:143:A:TRP:HH2	4	0.22
(1,2077)	1:35:A:LEU:HD21	1:143:A:TRP:HH2	4	0.22
(1,2077)	1:35:A:LEU:HD22	1:143:A:TRP:HH2	4	0.22
(1,2077)	1:35:A:LEU:HD23	1:143:A:TRP:HH2	4	0.22
(1,2074)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	14	0.22
(1,2074)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	14	0.22
(1,2074)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	14	0.22
(1,2074)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	14	0.22
(1,2074)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	14	0.22
(1,2074)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	14	0.22
(1,2073)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	16	0.22
(1,2073)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	16	0.22
(1,2073)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	16	0.22
(1,2073)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	16	0.22
(1,2073)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	16	0.22
(1,2073)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	16	0.22
(1,2035)	1:27:A:ARG:HA	1:30:A:LEU:HD11	5	0.22
(1,2035)	1:27:A:ARG:HA	1:30:A:LEU:HD12	5	0.22
(1,2035)	1:27:A:ARG:HA	1:30:A:LEU:HD13	5	0.22
(1,2035)	1:27:A:ARG:HA	1:30:A:LEU:HD21	5	0.22
(1,2035)	1:27:A:ARG:HA	1:30:A:LEU:HD22	5	0.22
(1,2035)	1:27:A:ARG:HA	1:30:A:LEU:HD23	5	0.22
(1,2028)	1:23:A:LEU:HD11	1:27:A:ARG:HA	2	0.22
(1,2028)	1:23:A:LEU:HD12	1:27:A:ARG:HA	2	0.22
(1,2028)	1:23:A:LEU:HD13	1:27:A:ARG:HA	2	0.22
(1,2028)	1:23:A:LEU:HD21	1:27:A:ARG:HA	2	0.22
(1,2028)	1:23:A:LEU:HD22	1:27:A:ARG:HA	2	0.22
(1,2028)	1:23:A:LEU:HD23	1:27:A:ARG:HA	2	0.22
(1,2027)	1:23:A:LEU:HD11	1:26:A:ASP:HA	3	0.22
(1,2027)	1:23:A:LEU:HD12	1:26:A:ASP:HA	3	0.22
(1,2027)	1:23:A:LEU:HD13	1:26:A:ASP:HA	3	0.22
(1,2027)	1:23:A:LEU:HD21	1:26:A:ASP:HA	3	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2027)	1:23:A:LEU:HD22	1:26:A:ASP:HA	3	0.22
(1,2027)	1:23:A:LEU:HD23	1:26:A:ASP:HA	3	0.22
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	4	0.22
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	4	0.22
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	4	0.22
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	4	0.22
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	4	0.22
(1,2011)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	4	0.22
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	4	0.22
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	4	0.22
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	4	0.22
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	4	0.22
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	4	0.22
(1,2011)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	4	0.22
(1,1972)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	4	0.22
(1,1972)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	4	0.22
(1,1972)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	4	0.22
(1,1972)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	4	0.22
(1,1972)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	4	0.22
(1,1972)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	4	0.22
(1,1972)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	4	0.22
(1,1972)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	4	0.22
(1,1972)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	4	0.22
(1,1972)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	4	0.22
(1,1972)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	4	0.22
(1,1972)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	4	0.22
(1,1958)	1:12:A:VAL:HA	1:40:A:LEU:HD11	9	0.22
(1,1958)	1:12:A:VAL:HA	1:40:A:LEU:HD12	9	0.22
(1,1958)	1:12:A:VAL:HA	1:40:A:LEU:HD13	9	0.22
(1,1958)	1:12:A:VAL:HA	1:40:A:LEU:HD21	9	0.22
(1,1958)	1:12:A:VAL:HA	1:40:A:LEU:HD22	9	0.22
(1,1958)	1:12:A:VAL:HA	1:40:A:LEU:HD23	9	0.22
(1,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	12	0.22
(1,1922)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	12	0.22
(1,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	12	0.22
(1,1922)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	12	0.22
(1,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	12	0.22
(1,1922)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	12	0.22
(1,1917)	1:63:A:ILE:HB	1:113:A:PHE:HD1	14	0.22
(1,1917)	1:63:A:ILE:HB	1:113:A:PHE:HD2	14	0.22
(1,1879)	1:113:A:PHE:HE1	1:114:A:ILE:HA	18	0.22
(1,1879)	1:113:A:PHE:HE2	1:114:A:ILE:HA	18	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1856)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	18	0.22
(1,1856)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	18	0.22
(1,1856)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	18	0.22
(1,1829)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	13	0.22
(1,1829)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	13	0.22
(1,1829)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	13	0.22
(1,1829)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	13	0.22
(1,1829)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	13	0.22
(1,1829)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	13	0.22
(1,1796)	1:80:A:TYR:HD1	1:81:A:GLU:HA	14	0.22
(1,1796)	1:80:A:TYR:HD2	1:81:A:GLU:HA	14	0.22
(1,1778)	1:66:A:THR:HG21	1:97:A:ASP:HA	2	0.22
(1,1778)	1:66:A:THR:HG22	1:97:A:ASP:HA	2	0.22
(1,1778)	1:66:A:THR:HG23	1:97:A:ASP:HA	2	0.22
(1,1603)	1:98:A:ILE:HG21	1:104:A:PHE:HE1	18	0.22
(1,1603)	1:98:A:ILE:HG21	1:104:A:PHE:HE2	18	0.22
(1,1603)	1:98:A:ILE:HG22	1:104:A:PHE:HE1	18	0.22
(1,1603)	1:98:A:ILE:HG22	1:104:A:PHE:HE2	18	0.22
(1,1603)	1:98:A:ILE:HG23	1:104:A:PHE:HE1	18	0.22
(1,1603)	1:98:A:ILE:HG23	1:104:A:PHE:HE2	18	0.22
(1,1589)	1:61:A:SER:H	1:63:A:ILE:HD11	17	0.22
(1,1589)	1:61:A:SER:H	1:63:A:ILE:HD12	17	0.22
(1,1589)	1:61:A:SER:H	1:63:A:ILE:HD13	17	0.22
(1,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE1	11	0.22
(1,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE2	11	0.22
(1,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE3	11	0.22
(1,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE1	11	0.22
(1,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE2	11	0.22
(1,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE3	11	0.22
(1,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE1	11	0.22
(1,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE2	11	0.22
(1,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE3	11	0.22
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE1	7	0.22
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE2	7	0.22
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE3	7	0.22
(1,1507)	1:114:A:ILE:HG21	1:117:A:VAL:HB	12	0.22
(1,1507)	1:114:A:ILE:HG22	1:117:A:VAL:HB	12	0.22
(1,1507)	1:114:A:ILE:HG23	1:117:A:VAL:HB	12	0.22
(1,1410)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	13	0.22
(1,1410)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	13	0.22
(1,1410)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	13	0.22
(1,1291)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	7	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1291)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	7	0.22
(1,1291)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	7	0.22
(1,1274)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	9	0.22
(1,1274)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	9	0.22
(1,1274)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	9	0.22
(1,1227)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	10	0.22
(1,1227)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	10	0.22
(1,1227)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	10	0.22
(1,1211)	1:41:A:LYS:HG3	1:44:A:GLU:HG3	19	0.22
(1,1050)	1:11:A:ILE:HA	1:11:A:ILE:HG12	17	0.22
(1,1019)	1:98:A:ILE:HB	1:105:A:LYS:HB2	3	0.22
(1,1019)	1:98:A:ILE:HB	1:105:A:LYS:HB3	3	0.22
(1,956)	1:63:A:ILE:HG12	1:117:A:VAL:HA	13	0.22
(1,912)	1:73:A:ILE:HB	1:76:A:ARG:HA	18	0.22
(1,877)	1:8:A:ASP:HB3	1:9:A:PHE:HD1	7	0.22
(1,877)	1:8:A:ASP:HB3	1:9:A:PHE:HD2	7	0.22
(1,877)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	7	0.22
(1,877)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	7	0.22
(1,735)	1:50:A:ALA:H	1:130:A:GLY:HA3	15	0.22
(1,475)	1:48:A:ARG:HA	1:53:A:THR:H	2	0.22
(1,441)	1:73:A:ILE:HB	1:76:A:ARG:H	17	0.22
(1,439)	1:143:A:TRP:H	1:144:A:LEU:HD11	11	0.22
(1,439)	1:143:A:TRP:H	1:144:A:LEU:HD12	11	0.22
(1,439)	1:143:A:TRP:H	1:144:A:LEU:HD13	11	0.22
(1,415)	1:125:A:THR:H	1:125:A:THR:HB	19	0.22
(1,272)	1:39:A:VAL:H	1:139:A:LEU:HD11	1	0.22
(1,272)	1:39:A:VAL:H	1:139:A:LEU:HD12	1	0.22
(1,272)	1:39:A:VAL:H	1:139:A:LEU:HD13	1	0.22
(1,238)	1:10:A:ASN:H	1:10:A:ASN:HB3	9	0.22
(1,227)	1:44:A:GLU:HB2	1:48:A:ARG:H	15	0.22
(1,227)	1:44:A:GLU:HB3	1:48:A:ARG:H	15	0.22
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD1	19	0.22
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD2	19	0.22
(1,199)	1:44:A:GLU:H	1:44:A:GLU:HG2	4	0.22
(1,162)	1:67:A:PRO:HD3	1:95:A:ILE:H	17	0.22
(1,124)	1:22:A:ASP:H	1:23:A:LEU:HB2	9	0.22
(1,124)	1:22:A:ASP:H	1:23:A:LEU:HB3	9	0.22
(1,56)	1:98:A:ILE:H	1:101:A:ILE:HB	3	0.22
(34,2337)	1:107:A:LEU:HD11	1:112:A:GLN:H	6	0.21
(34,2337)	1:107:A:LEU:HD12	1:112:A:GLN:H	6	0.21
(34,2337)	1:107:A:LEU:HD13	1:112:A:GLN:H	6	0.21
(34,2337)	1:107:A:LEU:HD21	1:112:A:GLN:H	6	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2337)	1:107:A:LEU:HD22	1:112:A:GLN:H	6	0.21
(34,2337)	1:107:A:LEU:HD23	1:112:A:GLN:H	6	0.21
(34,2330)	1:107:A:LEU:HA	1:108:A:GLU:HG2	6	0.21
(34,2330)	1:107:A:LEU:HA	1:108:A:GLU:HG3	6	0.21
(34,2241)	1:69:A:MET:HG2	1:109:A:PRO:HA	3	0.21
(34,2241)	1:69:A:MET:HG3	1:109:A:PRO:HA	3	0.21
(34,2217)	1:64:A:LYS:H	1:116:A:GLN:HE21	7	0.21
(34,2217)	1:64:A:LYS:H	1:116:A:GLN:HE22	7	0.21
(34,2188)	1:54:A:ARG:HB2	1:58:A:ILE:HG21	13	0.21
(34,2188)	1:54:A:ARG:HB2	1:58:A:ILE:HG22	13	0.21
(34,2188)	1:54:A:ARG:HB2	1:58:A:ILE:HG23	13	0.21
(34,2188)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	13	0.21
(34,2188)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	13	0.21
(34,2188)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	13	0.21
(34,2180)	1:53:A:THR:H	1:57:A:LEU:HD11	16	0.21
(34,2180)	1:53:A:THR:H	1:57:A:LEU:HD12	16	0.21
(34,2180)	1:53:A:THR:H	1:57:A:LEU:HD13	16	0.21
(34,2180)	1:53:A:THR:H	1:57:A:LEU:HD21	16	0.21
(34,2180)	1:53:A:THR:H	1:57:A:LEU:HD22	16	0.21
(34,2180)	1:53:A:THR:H	1:57:A:LEU:HD23	16	0.21
(34,2088)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	6	0.21
(34,2088)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	6	0.21
(34,2088)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	6	0.21
(34,2088)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	6	0.21
(34,2088)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	6	0.21
(34,2088)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	6	0.21
(34,2047)	1:23:A:LEU:HD11	1:24:A:ASP:H	5	0.21
(34,2047)	1:23:A:LEU:HD12	1:24:A:ASP:H	5	0.21
(34,2047)	1:23:A:LEU:HD13	1:24:A:ASP:H	5	0.21
(34,2047)	1:23:A:LEU:HD21	1:24:A:ASP:H	5	0.21
(34,2047)	1:23:A:LEU:HD22	1:24:A:ASP:H	5	0.21
(34,2047)	1:23:A:LEU:HD23	1:24:A:ASP:H	5	0.21
(34,1976)	1:12:A:VAL:HG11	1:43:A:MET:HE1	19	0.21
(34,1976)	1:12:A:VAL:HG11	1:43:A:MET:HE2	19	0.21
(34,1976)	1:12:A:VAL:HG11	1:43:A:MET:HE3	19	0.21
(34,1976)	1:12:A:VAL:HG12	1:43:A:MET:HE1	19	0.21
(34,1976)	1:12:A:VAL:HG12	1:43:A:MET:HE2	19	0.21
(34,1976)	1:12:A:VAL:HG12	1:43:A:MET:HE3	19	0.21
(34,1976)	1:12:A:VAL:HG13	1:43:A:MET:HE1	19	0.21
(34,1976)	1:12:A:VAL:HG13	1:43:A:MET:HE2	19	0.21
(34,1976)	1:12:A:VAL:HG13	1:43:A:MET:HE3	19	0.21
(34,1976)	1:12:A:VAL:HG21	1:43:A:MET:HE1	19	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1976)	1:12:A:VAL:HG21	1:43:A:MET:HE2	19	0.21
(34,1976)	1:12:A:VAL:HG21	1:43:A:MET:HE3	19	0.21
(34,1976)	1:12:A:VAL:HG22	1:43:A:MET:HE1	19	0.21
(34,1976)	1:12:A:VAL:HG22	1:43:A:MET:HE2	19	0.21
(34,1976)	1:12:A:VAL:HG22	1:43:A:MET:HE3	19	0.21
(34,1976)	1:12:A:VAL:HG23	1:43:A:MET:HE1	19	0.21
(34,1976)	1:12:A:VAL:HG23	1:43:A:MET:HE2	19	0.21
(34,1976)	1:12:A:VAL:HG23	1:43:A:MET:HE3	19	0.21
(34,1975)	1:12:A:VAL:HG11	1:43:A:MET:HB3	4	0.21
(34,1975)	1:12:A:VAL:HG12	1:43:A:MET:HB3	4	0.21
(34,1975)	1:12:A:VAL:HG13	1:43:A:MET:HB3	4	0.21
(34,1975)	1:12:A:VAL:HG21	1:43:A:MET:HB3	4	0.21
(34,1975)	1:12:A:VAL:HG22	1:43:A:MET:HB3	4	0.21
(34,1975)	1:12:A:VAL:HG23	1:43:A:MET:HB3	4	0.21
(34,1958)	1:11:A:ILE:HB	1:40:A:LEU:HD11	19	0.21
(34,1958)	1:11:A:ILE:HB	1:40:A:LEU:HD12	19	0.21
(34,1958)	1:11:A:ILE:HB	1:40:A:LEU:HD13	19	0.21
(34,1958)	1:11:A:ILE:HB	1:40:A:LEU:HD21	19	0.21
(34,1958)	1:11:A:ILE:HB	1:40:A:LEU:HD22	19	0.21
(34,1958)	1:11:A:ILE:HB	1:40:A:LEU:HD23	19	0.21
(34,1933)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	13	0.21
(34,1933)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	13	0.21
(34,1933)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	13	0.21
(34,1933)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	13	0.21
(34,1933)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	13	0.21
(34,1933)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	13	0.21
(34,1932)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	7	0.21
(34,1932)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	7	0.21
(34,1932)	1:8:A:ASP:HB3	1:9:A:PHE:HD1	7	0.21
(34,1932)	1:8:A:ASP:HB3	1:9:A:PHE:HD2	7	0.21
(34,1923)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	14	0.21
(34,1921)	1:58:A:ILE:HA	1:62:A:HIS:HE1	3	0.21
(34,1904)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	12	0.21
(34,1904)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	12	0.21
(34,1904)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	12	0.21
(34,1904)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	12	0.21
(34,1904)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	12	0.21
(34,1904)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	12	0.21
(34,1865)	1:9:A:PHE:HZ	1:11:A:ILE:HA	17	0.21
(34,1817)	1:104:A:PHE:HE1	1:105:A:LYS:HA	7	0.21
(34,1817)	1:104:A:PHE:HE2	1:105:A:LYS:HA	7	0.21
(34,1807)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	1	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1807)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	1	0.21
(34,1807)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	1	0.21
(34,1807)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	1	0.21
(34,1807)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	1	0.21
(34,1807)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	1	0.21
(34,1773)	1:39:A:VAL:HG21	1:41:A:LYS:H	9	0.21
(34,1773)	1:39:A:VAL:HG22	1:41:A:LYS:H	9	0.21
(34,1773)	1:39:A:VAL:HG23	1:41:A:LYS:H	9	0.21
(34,1773)	1:39:A:VAL:HG21	1:41:A:LYS:H	16	0.21
(34,1773)	1:39:A:VAL:HG22	1:41:A:LYS:H	16	0.21
(34,1773)	1:39:A:VAL:HG23	1:41:A:LYS:H	16	0.21
(34,1715)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	5	0.21
(34,1715)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	5	0.21
(34,1585)	1:11:A:ILE:HD11	1:12:A:VAL:H	14	0.21
(34,1585)	1:11:A:ILE:HD12	1:12:A:VAL:H	14	0.21
(34,1585)	1:11:A:ILE:HD13	1:12:A:VAL:H	14	0.21
(34,1574)	1:123:A:CYS:H	1:128:A:LEU:HD11	17	0.21
(34,1574)	1:123:A:CYS:H	1:128:A:LEU:HD12	17	0.21
(34,1574)	1:123:A:CYS:H	1:128:A:LEU:HD13	17	0.21
(34,1541)	1:69:A:MET:HE1	1:113:A:PHE:HB3	8	0.21
(34,1541)	1:69:A:MET:HE2	1:113:A:PHE:HB3	8	0.21
(34,1541)	1:69:A:MET:HE3	1:113:A:PHE:HB3	8	0.21
(34,1535)	1:110:A:MET:HE1	1:113:A:PHE:HE1	19	0.21
(34,1535)	1:110:A:MET:HE1	1:113:A:PHE:HE2	19	0.21
(34,1535)	1:110:A:MET:HE2	1:113:A:PHE:HE1	19	0.21
(34,1535)	1:110:A:MET:HE2	1:113:A:PHE:HE2	19	0.21
(34,1535)	1:110:A:MET:HE3	1:113:A:PHE:HE1	19	0.21
(34,1535)	1:110:A:MET:HE3	1:113:A:PHE:HE2	19	0.21
(34,1533)	1:69:A:MET:HE1	1:115:A:ALA:H	17	0.21
(34,1533)	1:69:A:MET:HE2	1:115:A:ALA:H	17	0.21
(34,1533)	1:69:A:MET:HE3	1:115:A:ALA:H	17	0.21
(34,1497)	1:101:A:ILE:HG21	1:115:A:ALA:HA	13	0.21
(34,1497)	1:101:A:ILE:HG22	1:115:A:ALA:HA	13	0.21
(34,1497)	1:101:A:ILE:HG23	1:115:A:ALA:HA	13	0.21
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	18	0.21
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	18	0.21
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	18	0.21
(34,1474)	1:13:A:ALA:HB1	1:61:A:SER:HA	12	0.21
(34,1474)	1:13:A:ALA:HB2	1:61:A:SER:HA	12	0.21
(34,1474)	1:13:A:ALA:HB3	1:61:A:SER:HA	12	0.21
(34,1467)	1:30:A:LEU:H	1:31:A:PRO:HD3	19	0.21
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	16	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	16	0.21
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	16	0.21
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	16	0.21
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	16	0.21
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	16	0.21
(34,1379)	1:118:A:ASP:HA	1:121:A:VAL:HG11	5	0.21
(34,1379)	1:118:A:ASP:HA	1:121:A:VAL:HG12	5	0.21
(34,1379)	1:118:A:ASP:HA	1:121:A:VAL:HG13	5	0.21
(34,1364)	1:125:A:THR:HG21	1:128:A:LEU:HB2	1	0.21
(34,1364)	1:125:A:THR:HG22	1:128:A:LEU:HB2	1	0.21
(34,1364)	1:125:A:THR:HG23	1:128:A:LEU:HB2	1	0.21
(34,1358)	1:105:A:LYS:HB2	1:106:A:ASP:HA	1	0.21
(34,1358)	1:105:A:LYS:HB3	1:106:A:ASP:HA	1	0.21
(34,1357)	1:103:A:ARG:HG2	1:106:A:ASP:HA	8	0.21
(34,1357)	1:103:A:ARG:HG3	1:106:A:ASP:HA	8	0.21
(34,1298)	1:113:A:PHE:HE1	1:117:A:VAL:HG11	14	0.21
(34,1298)	1:113:A:PHE:HE1	1:117:A:VAL:HG12	14	0.21
(34,1298)	1:113:A:PHE:HE1	1:117:A:VAL:HG13	14	0.21
(34,1298)	1:113:A:PHE:HE2	1:117:A:VAL:HG11	14	0.21
(34,1298)	1:113:A:PHE:HE2	1:117:A:VAL:HG12	14	0.21
(34,1298)	1:113:A:PHE:HE2	1:117:A:VAL:HG13	14	0.21
(34,1246)	1:110:A:MET:HA	1:113:A:PHE:HB2	14	0.21
(34,1246)	1:110:A:MET:HA	1:113:A:PHE:HB2	18	0.21
(34,1233)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	15	0.21
(34,1233)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	15	0.21
(34,1233)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	15	0.21
(34,1233)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	15	0.21
(34,1233)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	15	0.21
(34,1233)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	15	0.21
(34,1199)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	5	0.21
(34,1199)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	5	0.21
(34,1199)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	5	0.21
(34,1199)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	5	0.21
(34,1199)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	5	0.21
(34,1199)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	5	0.21
(34,1164)	1:138:A:ASP:HA	1:141:A:LYS:H	3	0.21
(34,1087)	1:95:A:ILE:HA	1:96:A:VAL:HB	4	0.21
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD11	15	0.21
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD12	15	0.21
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD13	15	0.21
(34,1015)	1:114:A:ILE:HA	1:117:A:VAL:HB	2	0.21
(34,974)	1:39:A:VAL:HA	1:43:A:MET:HG3	11	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,943)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	4	0.21
(34,943)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	4	0.21
(34,876)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	15	0.21
(34,876)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	15	0.21
(34,876)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	15	0.21
(34,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	10	0.21
(34,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	10	0.21
(34,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	10	0.21
(34,839)	1:69:A:MET:HE1	1:114:A:ILE:HD11	5	0.21
(34,839)	1:69:A:MET:HE1	1:114:A:ILE:HD12	5	0.21
(34,839)	1:69:A:MET:HE1	1:114:A:ILE:HD13	5	0.21
(34,839)	1:69:A:MET:HE2	1:114:A:ILE:HD11	5	0.21
(34,839)	1:69:A:MET:HE2	1:114:A:ILE:HD12	5	0.21
(34,839)	1:69:A:MET:HE2	1:114:A:ILE:HD13	5	0.21
(34,839)	1:69:A:MET:HE3	1:114:A:ILE:HD11	5	0.21
(34,839)	1:69:A:MET:HE3	1:114:A:ILE:HD12	5	0.21
(34,839)	1:69:A:MET:HE3	1:114:A:ILE:HD13	5	0.21
(34,838)	1:110:A:MET:HG2	1:114:A:ILE:HD11	13	0.21
(34,838)	1:110:A:MET:HG2	1:114:A:ILE:HD12	13	0.21
(34,838)	1:110:A:MET:HG2	1:114:A:ILE:HD13	13	0.21
(34,838)	1:110:A:MET:HG3	1:114:A:ILE:HD11	13	0.21
(34,838)	1:110:A:MET:HG3	1:114:A:ILE:HD12	13	0.21
(34,838)	1:110:A:MET:HG3	1:114:A:ILE:HD13	13	0.21
(34,819)	1:64:A:LYS:H	1:98:A:ILE:HD11	6	0.21
(34,819)	1:64:A:LYS:H	1:98:A:ILE:HD12	6	0.21
(34,819)	1:64:A:LYS:H	1:98:A:ILE:HD13	6	0.21
(34,794)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	14	0.21
(34,794)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	14	0.21
(34,794)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	14	0.21
(34,794)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	14	0.21
(34,794)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	14	0.21
(34,794)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	14	0.21
(34,777)	1:69:A:MET:HG3	1:73:A:ILE:HD11	3	0.21
(34,777)	1:69:A:MET:HG3	1:73:A:ILE:HD12	3	0.21
(34,777)	1:69:A:MET:HG3	1:73:A:ILE:HD13	3	0.21
(34,680)	1:63:A:ILE:HG12	1:117:A:VAL:H	7	0.21
(34,607)	1:55:A:GLY:H	1:57:A:LEU:H	4	0.21
(34,354)	1:122:A:ASP:HB3	1:123:A:CYS:H	18	0.21
(34,303)	1:128:A:LEU:HB3	1:129:A:LYS:H	1	0.21
(34,294)	1:50:A:ALA:HB1	1:52:A:CYS:H	6	0.21
(34,294)	1:50:A:ALA:HB2	1:52:A:CYS:H	6	0.21
(34,294)	1:50:A:ALA:HB3	1:52:A:CYS:H	6	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,294)	1:50:A:ALA:HB1	1:52:A:CYS:H	19	0.21
(34,294)	1:50:A:ALA:HB2	1:52:A:CYS:H	19	0.21
(34,294)	1:50:A:ALA:HB3	1:52:A:CYS:H	19	0.21
(34,236)	1:44:A:GLU:HG3	1:48:A:ARG:H	17	0.21
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD11	8	0.21
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD12	8	0.21
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD13	8	0.21
(34,72)	1:29:A:LYS:H	1:30:A:LEU:H	15	0.21
(34,37)	1:95:A:ILE:HB	1:96:A:VAL:H	18	0.21
(33,2316)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	3	0.21
(33,2316)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	3	0.21
(33,2316)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	3	0.21
(33,2316)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	3	0.21
(33,2316)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	3	0.21
(33,2316)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	3	0.21
(33,2289)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	19	0.21
(33,2289)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	19	0.21
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	3	0.21
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	3	0.21
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	3	0.21
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	3	0.21
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	3	0.21
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	3	0.21
(33,2180)	1:53:A:THR:H	1:57:A:LEU:HD11	16	0.21
(33,2180)	1:53:A:THR:H	1:57:A:LEU:HD12	16	0.21
(33,2180)	1:53:A:THR:H	1:57:A:LEU:HD13	16	0.21
(33,2180)	1:53:A:THR:H	1:57:A:LEU:HD21	16	0.21
(33,2180)	1:53:A:THR:H	1:57:A:LEU:HD22	16	0.21
(33,2180)	1:53:A:THR:H	1:57:A:LEU:HD23	16	0.21
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD11	4	0.21
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD12	4	0.21
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD13	4	0.21
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD21	4	0.21
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD22	4	0.21
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD23	4	0.21
(33,2044)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	14	0.21
(33,2044)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	14	0.21
(33,2044)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	14	0.21
(33,2044)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	14	0.21
(33,2039)	1:23:A:LEU:HD11	1:25:A:ALA:H	2	0.21
(33,2039)	1:23:A:LEU:HD12	1:25:A:ALA:H	2	0.21
(33,2039)	1:23:A:LEU:HD13	1:25:A:ALA:H	2	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2039)	1:23:A:LEU:HD21	1:25:A:ALA:H	2	0.21
(33,2039)	1:23:A:LEU:HD22	1:25:A:ALA:H	2	0.21
(33,2039)	1:23:A:LEU:HD23	1:25:A:ALA:H	2	0.21
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	2	0.21
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	2	0.21
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	2	0.21
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	2	0.21
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	2	0.21
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	2	0.21
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	2	0.21
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	2	0.21
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	2	0.21
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	2	0.21
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	2	0.21
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	2	0.21
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD11	3	0.21
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD12	3	0.21
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD13	3	0.21
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD21	3	0.21
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD22	3	0.21
(33,1976)	1:13:A:ALA:HA	1:30:A:LEU:HD23	3	0.21
(33,1916)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	14	0.21
(33,1916)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	14	0.21
(33,1896)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	7	0.21
(33,1896)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	7	0.21
(33,1896)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	7	0.21
(33,1896)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	7	0.21
(33,1896)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	7	0.21
(33,1896)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	7	0.21
(33,1835)	1:61:A:SER:H	1:62:A:HIS:HD2	5	0.21
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	17	0.21
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	17	0.21
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	17	0.21
(33,1803)	1:101:A:ILE:HB	1:104:A:PHE:HD1	19	0.21
(33,1803)	1:101:A:ILE:HB	1:104:A:PHE:HD2	19	0.21
(33,1802)	1:104:A:PHE:HE1	1:105:A:LYS:HA	7	0.21
(33,1802)	1:104:A:PHE:HE2	1:105:A:LYS:HA	7	0.21
(33,1796)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	6	0.21
(33,1796)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	6	0.21
(33,1785)	1:13:A:ALA:HA	1:80:A:TYR:HD1	17	0.21
(33,1785)	1:13:A:ALA:HA	1:80:A:TYR:HD2	17	0.21
(33,1760)	1:39:A:VAL:HG21	1:41:A:LYS:H	9	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1760)	1:39:A:VAL:HG22	1:41:A:LYS:H	9	0.21
(33,1760)	1:39:A:VAL:HG23	1:41:A:LYS:H	9	0.21
(33,1760)	1:39:A:VAL:HG21	1:41:A:LYS:H	16	0.21
(33,1760)	1:39:A:VAL:HG22	1:41:A:LYS:H	16	0.21
(33,1760)	1:39:A:VAL:HG23	1:41:A:LYS:H	16	0.21
(33,1754)	1:140:A:LEU:HD11	1:141:A:LYS:H	5	0.21
(33,1754)	1:140:A:LEU:HD12	1:141:A:LYS:H	5	0.21
(33,1754)	1:140:A:LEU:HD13	1:141:A:LYS:H	5	0.21
(33,1701)	1:141:A:LYS:HA	1:145:A:PRO:HD3	17	0.21
(33,1676)	1:69:A:MET:HA	1:109:A:PRO:HA	19	0.21
(33,1588)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	6	0.21
(33,1588)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	6	0.21
(33,1588)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	6	0.21
(33,1557)	1:11:A:ILE:HD11	1:12:A:VAL:H	14	0.21
(33,1557)	1:11:A:ILE:HD12	1:12:A:VAL:H	14	0.21
(33,1557)	1:11:A:ILE:HD13	1:12:A:VAL:H	14	0.21
(33,1524)	1:69:A:MET:HE1	1:76:A:ARG:HG2	10	0.21
(33,1524)	1:69:A:MET:HE1	1:76:A:ARG:HG3	10	0.21
(33,1524)	1:69:A:MET:HE2	1:76:A:ARG:HG2	10	0.21
(33,1524)	1:69:A:MET:HE2	1:76:A:ARG:HG3	10	0.21
(33,1524)	1:69:A:MET:HE3	1:76:A:ARG:HG2	10	0.21
(33,1524)	1:69:A:MET:HE3	1:76:A:ARG:HG3	10	0.21
(33,1518)	1:69:A:MET:HE1	1:113:A:PHE:HB3	8	0.21
(33,1518)	1:69:A:MET:HE2	1:113:A:PHE:HB3	8	0.21
(33,1518)	1:69:A:MET:HE3	1:113:A:PHE:HB3	8	0.21
(33,1425)	1:121:A:VAL:HG21	1:123:A:CYS:H	15	0.21
(33,1425)	1:121:A:VAL:HG22	1:123:A:CYS:H	15	0.21
(33,1425)	1:121:A:VAL:HG23	1:123:A:CYS:H	15	0.21
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG11	10	0.21
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG12	10	0.21
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG13	10	0.21
(33,1346)	1:125:A:THR:HG21	1:128:A:LEU:HB2	9	0.21
(33,1346)	1:125:A:THR:HG22	1:128:A:LEU:HB2	9	0.21
(33,1346)	1:125:A:THR:HG23	1:128:A:LEU:HB2	9	0.21
(33,1294)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	14	0.21
(33,1294)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	14	0.21
(33,1294)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	14	0.21
(33,1293)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	14	0.21
(33,1293)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	14	0.21
(33,1293)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	14	0.21
(33,1254)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	15	0.21
(33,1254)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	15	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1254)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	15	0.21
(33,1254)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	15	0.21
(33,1254)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	15	0.21
(33,1254)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	15	0.21
(33,1254)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	15	0.21
(33,1254)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	15	0.21
(33,1254)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	15	0.21
(33,1219)	1:69:A:MET:HE1	1:110:A:MET:HA	19	0.21
(33,1219)	1:69:A:MET:HE2	1:110:A:MET:HA	19	0.21
(33,1219)	1:69:A:MET:HE3	1:110:A:MET:HA	19	0.21
(33,1210)	1:41:A:LYS:H	1:41:A:LYS:HG3	8	0.21
(33,1170)	1:30:A:LEU:H	1:30:A:LEU:HD21	6	0.21
(33,1170)	1:30:A:LEU:H	1:30:A:LEU:HD22	6	0.21
(33,1170)	1:30:A:LEU:H	1:30:A:LEU:HD23	6	0.21
(33,1135)	1:138:A:ASP:HA	1:141:A:LYS:H	3	0.21
(33,1109)	1:40:A:LEU:HB3	1:41:A:LYS:HA	10	0.21
(33,1057)	1:95:A:ILE:HA	1:96:A:VAL:HB	4	0.21
(33,1030)	1:41:A:LYS:HA	1:44:A:GLU:HB2	3	0.21
(33,1030)	1:41:A:LYS:HA	1:44:A:GLU:HB3	3	0.21
(33,956)	1:40:A:LEU:HA	1:43:A:MET:HG2	8	0.21
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB1	2	0.21
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB2	2	0.21
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB3	2	0.21
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB1	2	0.21
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB2	2	0.21
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB3	2	0.21
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB1	17	0.21
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB2	17	0.21
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB3	17	0.21
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB1	17	0.21
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB2	17	0.21
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB3	17	0.21
(33,862)	1:8:A:ASP:H	1:8:A:ASP:HB3	7	0.21
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	12	0.21
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	12	0.21
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	12	0.21
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	12	0.21
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	12	0.21
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	12	0.21
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	12	0.21
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	12	0.21
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	12	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,758)	1:53:A:THR:H	1:53:A:THR:HG21	15	0.21
(33,758)	1:53:A:THR:H	1:53:A:THR:HG22	15	0.21
(33,758)	1:53:A:THR:H	1:53:A:THR:HG23	15	0.21
(33,670)	1:120:A:CYS:H	1:121:A:VAL:HG11	4	0.21
(33,670)	1:120:A:CYS:H	1:121:A:VAL:HG12	4	0.21
(33,670)	1:120:A:CYS:H	1:121:A:VAL:HG13	4	0.21
(33,369)	1:70:A:LYS:H	1:73:A:ILE:HD11	8	0.21
(33,369)	1:70:A:LYS:H	1:73:A:ILE:HD12	8	0.21
(33,369)	1:70:A:LYS:H	1:73:A:ILE:HD13	8	0.21
(33,345)	1:122:A:ASP:HB2	1:123:A:CYS:H	7	0.21
(33,281)	1:50:A:ALA:H	1:52:A:CYS:H	6	0.21
(33,269)	1:112:A:GLN:H	1:112:A:GLN:HE21	15	0.21
(33,78)	1:29:A:LYS:H	1:30:A:LEU:H	15	0.21
(33,62)	1:11:A:ILE:HD11	1:47:A:ALA:H	7	0.21
(33,62)	1:11:A:ILE:HD12	1:47:A:ALA:H	7	0.21
(33,62)	1:11:A:ILE:HD13	1:47:A:ALA:H	7	0.21
(33,18)	1:64:A:LYS:H	1:64:A:LYS:HD2	17	0.21
(33,18)	1:64:A:LYS:H	1:64:A:LYS:HD3	17	0.21
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD11	8	0.21
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD12	8	0.21
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD13	8	0.21
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD21	8	0.21
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD22	8	0.21
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD23	8	0.21
(32,2278)	1:81:A:GLU:H	1:81:A:GLU:HB2	12	0.21
(32,2278)	1:81:A:GLU:H	1:81:A:GLU:HB3	12	0.21
(32,2271)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	2	0.21
(32,2271)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	2	0.21
(32,2271)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	5	0.21
(32,2271)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	5	0.21
(32,2271)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	8	0.21
(32,2271)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	8	0.21
(32,2234)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	9	0.21
(32,2234)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	9	0.21
(32,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	18	0.21
(32,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	18	0.21
(32,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	18	0.21
(32,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	18	0.21
(32,2195)	1:60:A:LEU:HD11	1:120:A:CYS:HA	4	0.21
(32,2195)	1:60:A:LEU:HD12	1:120:A:CYS:HA	4	0.21
(32,2195)	1:60:A:LEU:HD13	1:120:A:CYS:HA	4	0.21
(32,2195)	1:60:A:LEU:HD21	1:120:A:CYS:HA	4	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2195)	1:60:A:LEU:HD22	1:120:A:CYS:HA	4	0.21
(32,2195)	1:60:A:LEU:HD23	1:120:A:CYS:HA	4	0.21
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD11	1	0.21
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD12	1	0.21
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD13	1	0.21
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD21	1	0.21
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD22	1	0.21
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD23	1	0.21
(32,2171)	1:53:A:THR:H	1:57:A:LEU:HD11	16	0.21
(32,2171)	1:53:A:THR:H	1:57:A:LEU:HD12	16	0.21
(32,2171)	1:53:A:THR:H	1:57:A:LEU:HD13	16	0.21
(32,2171)	1:53:A:THR:H	1:57:A:LEU:HD21	16	0.21
(32,2171)	1:53:A:THR:H	1:57:A:LEU:HD22	16	0.21
(32,2171)	1:53:A:THR:H	1:57:A:LEU:HD23	16	0.21
(32,2006)	1:23:A:LEU:HD11	1:25:A:ALA:H	14	0.21
(32,2006)	1:23:A:LEU:HD12	1:25:A:ALA:H	14	0.21
(32,2006)	1:23:A:LEU:HD13	1:25:A:ALA:H	14	0.21
(32,2006)	1:23:A:LEU:HD21	1:25:A:ALA:H	14	0.21
(32,2006)	1:23:A:LEU:HD22	1:25:A:ALA:H	14	0.21
(32,2006)	1:23:A:LEU:HD23	1:25:A:ALA:H	14	0.21
(32,1986)	1:18:A:PHE:HB2	1:132:A:ALA:H	4	0.21
(32,1986)	1:18:A:PHE:HB3	1:132:A:ALA:H	4	0.21
(32,1980)	1:17:A:ASN:HB2	1:18:A:PHE:HD1	19	0.21
(32,1980)	1:17:A:ASN:HB2	1:18:A:PHE:HD2	19	0.21
(32,1980)	1:17:A:ASN:HB3	1:18:A:PHE:HD1	19	0.21
(32,1980)	1:17:A:ASN:HB3	1:18:A:PHE:HD2	19	0.21
(32,1911)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	14	0.21
(32,1911)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	14	0.21
(32,1911)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	14	0.21
(32,1911)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	14	0.21
(32,1893)	1:9:A:PHE:HD1	1:57:A:LEU:HD11	11	0.21
(32,1893)	1:9:A:PHE:HD1	1:57:A:LEU:HD12	11	0.21
(32,1893)	1:9:A:PHE:HD1	1:57:A:LEU:HD13	11	0.21
(32,1893)	1:9:A:PHE:HD1	1:57:A:LEU:HD21	11	0.21
(32,1893)	1:9:A:PHE:HD1	1:57:A:LEU:HD22	11	0.21
(32,1893)	1:9:A:PHE:HD1	1:57:A:LEU:HD23	11	0.21
(32,1893)	1:9:A:PHE:HD2	1:57:A:LEU:HD11	11	0.21
(32,1893)	1:9:A:PHE:HD2	1:57:A:LEU:HD12	11	0.21
(32,1893)	1:9:A:PHE:HD2	1:57:A:LEU:HD13	11	0.21
(32,1893)	1:9:A:PHE:HD2	1:57:A:LEU:HD21	11	0.21
(32,1893)	1:9:A:PHE:HD2	1:57:A:LEU:HD22	11	0.21
(32,1893)	1:9:A:PHE:HD2	1:57:A:LEU:HD23	11	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1770)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	18	0.21
(32,1770)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	18	0.21
(32,1770)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	18	0.21
(32,1770)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	18	0.21
(32,1770)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	18	0.21
(32,1770)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	18	0.21
(32,1769)	1:101:A:ILE:HB	1:104:A:PHE:HD1	19	0.21
(32,1769)	1:101:A:ILE:HB	1:104:A:PHE:HD2	19	0.21
(32,1768)	1:104:A:PHE:HE1	1:105:A:LYS:HA	7	0.21
(32,1768)	1:104:A:PHE:HE2	1:105:A:LYS:HA	7	0.21
(32,1744)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	2	0.21
(32,1744)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	2	0.21
(32,1725)	1:39:A:VAL:HG21	1:41:A:LYS:H	9	0.21
(32,1725)	1:39:A:VAL:HG22	1:41:A:LYS:H	9	0.21
(32,1725)	1:39:A:VAL:HG23	1:41:A:LYS:H	9	0.21
(32,1725)	1:39:A:VAL:HG21	1:41:A:LYS:H	16	0.21
(32,1725)	1:39:A:VAL:HG22	1:41:A:LYS:H	16	0.21
(32,1725)	1:39:A:VAL:HG23	1:41:A:LYS:H	16	0.21
(32,1607)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	8	0.21
(32,1607)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	8	0.21
(32,1607)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	8	0.21
(32,1607)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	8	0.21
(32,1607)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	8	0.21
(32,1607)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	8	0.21
(32,1529)	1:11:A:ILE:HD11	1:12:A:VAL:H	14	0.21
(32,1529)	1:11:A:ILE:HD12	1:12:A:VAL:H	14	0.21
(32,1529)	1:11:A:ILE:HD13	1:12:A:VAL:H	14	0.21
(32,1525)	1:11:A:ILE:HD11	1:43:A:MET:H	17	0.21
(32,1525)	1:11:A:ILE:HD12	1:43:A:MET:H	17	0.21
(32,1525)	1:11:A:ILE:HD13	1:43:A:MET:H	17	0.21
(32,1515)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	4	0.21
(32,1515)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	4	0.21
(32,1515)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	4	0.21
(32,1515)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	4	0.21
(32,1515)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	4	0.21
(32,1515)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	4	0.21
(32,1487)	1:69:A:MET:HE1	1:113:A:PHE:HB3	8	0.21
(32,1487)	1:69:A:MET:HE2	1:113:A:PHE:HB3	8	0.21
(32,1487)	1:69:A:MET:HE3	1:113:A:PHE:HB3	8	0.21
(32,1481)	1:110:A:MET:HE1	1:113:A:PHE:HE1	19	0.21
(32,1481)	1:110:A:MET:HE1	1:113:A:PHE:HE2	19	0.21
(32,1481)	1:110:A:MET:HE2	1:113:A:PHE:HE1	19	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1481)	1:110:A:MET:HE2	1:113:A:PHE:HE2	19	0.21
(32,1481)	1:110:A:MET:HE3	1:113:A:PHE:HE1	19	0.21
(32,1481)	1:110:A:MET:HE3	1:113:A:PHE:HE2	19	0.21
(32,1478)	1:69:A:MET:HE1	1:115:A:ALA:H	17	0.21
(32,1478)	1:69:A:MET:HE2	1:115:A:ALA:H	17	0.21
(32,1478)	1:69:A:MET:HE3	1:115:A:ALA:H	17	0.21
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE1	16	0.21
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE2	16	0.21
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE3	16	0.21
(32,1440)	1:101:A:ILE:HG21	1:116:A:GLN:H	7	0.21
(32,1440)	1:101:A:ILE:HG22	1:116:A:GLN:H	7	0.21
(32,1440)	1:101:A:ILE:HG23	1:116:A:GLN:H	7	0.21
(32,1314)	1:125:A:THR:HG21	1:128:A:LEU:HB2	9	0.21
(32,1314)	1:125:A:THR:HG22	1:128:A:LEU:HB2	9	0.21
(32,1314)	1:125:A:THR:HG23	1:128:A:LEU:HB2	9	0.21
(32,1257)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	14	0.21
(32,1257)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	14	0.21
(32,1257)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	14	0.21
(32,1168)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	13	0.21
(32,1168)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	13	0.21
(32,1168)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	13	0.21
(32,1165)	1:41:A:LYS:H	1:41:A:LYS:HG3	8	0.21
(32,1151)	1:107:A:LEU:H	1:107:A:LEU:HD21	17	0.21
(32,1151)	1:107:A:LEU:H	1:107:A:LEU:HD22	17	0.21
(32,1151)	1:107:A:LEU:H	1:107:A:LEU:HD23	17	0.21
(32,1128)	1:30:A:LEU:H	1:30:A:LEU:HD21	6	0.21
(32,1128)	1:30:A:LEU:H	1:30:A:LEU:HD22	6	0.21
(32,1128)	1:30:A:LEU:H	1:30:A:LEU:HD23	6	0.21
(32,1032)	1:71:A:LYS:HG3	1:72:A:PHE:HA	9	0.21
(32,962)	1:102:A:PRO:HA	1:105:A:LYS:HB2	8	0.21
(32,962)	1:102:A:PRO:HA	1:105:A:LYS:HB3	8	0.21
(32,929)	1:66:A:THR:H	1:96:A:VAL:HB	4	0.21
(32,925)	1:39:A:VAL:HA	1:43:A:MET:HG3	11	0.21
(32,897)	1:93:A:GLU:HG2	1:94:A:ALA:HB1	9	0.21
(32,897)	1:93:A:GLU:HG2	1:94:A:ALA:HB2	9	0.21
(32,897)	1:93:A:GLU:HG2	1:94:A:ALA:HB3	9	0.21
(32,897)	1:93:A:GLU:HG3	1:94:A:ALA:HB1	9	0.21
(32,897)	1:93:A:GLU:HG3	1:94:A:ALA:HB2	9	0.21
(32,897)	1:93:A:GLU:HG3	1:94:A:ALA:HB3	9	0.21
(32,893)	1:98:A:ILE:HD11	1:116:A:GLN:HG2	17	0.21
(32,893)	1:98:A:ILE:HD12	1:116:A:GLN:HG2	17	0.21
(32,893)	1:98:A:ILE:HD13	1:116:A:GLN:HG2	17	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,842)	1:35:A:LEU:HB3	1:39:A:VAL:HB	18	0.21
(32,796)	1:98:A:ILE:HA	1:98:A:ILE:HD11	16	0.21
(32,796)	1:98:A:ILE:HA	1:98:A:ILE:HD12	16	0.21
(32,796)	1:98:A:ILE:HA	1:98:A:ILE:HD13	16	0.21
(32,782)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	17	0.21
(32,782)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	17	0.21
(32,782)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	17	0.21
(32,782)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	17	0.21
(32,782)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	17	0.21
(32,782)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	17	0.21
(32,767)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	14	0.21
(32,767)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	14	0.21
(32,767)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	14	0.21
(32,767)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	14	0.21
(32,767)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	14	0.21
(32,767)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	14	0.21
(32,754)	1:101:A:ILE:HD11	1:119:A:LEU:HA	19	0.21
(32,754)	1:101:A:ILE:HD12	1:119:A:LEU:HA	19	0.21
(32,754)	1:101:A:ILE:HD13	1:119:A:LEU:HA	19	0.21
(32,549)	1:116:A:GLN:H	1:116:A:GLN:HE22	12	0.21
(32,358)	1:70:A:LYS:H	1:73:A:ILE:HD11	8	0.21
(32,358)	1:70:A:LYS:H	1:73:A:ILE:HD12	8	0.21
(32,358)	1:70:A:LYS:H	1:73:A:ILE:HD13	8	0.21
(32,335)	1:122:A:ASP:HB2	1:123:A:CYS:H	7	0.21
(32,282)	1:50:A:ALA:HB1	1:52:A:CYS:H	6	0.21
(32,282)	1:50:A:ALA:HB2	1:52:A:CYS:H	6	0.21
(32,282)	1:50:A:ALA:HB3	1:52:A:CYS:H	6	0.21
(32,282)	1:50:A:ALA:HB1	1:52:A:CYS:H	19	0.21
(32,282)	1:50:A:ALA:HB2	1:52:A:CYS:H	19	0.21
(32,282)	1:50:A:ALA:HB3	1:52:A:CYS:H	19	0.21
(32,277)	1:50:A:ALA:H	1:52:A:CYS:H	6	0.21
(32,108)	1:21:A:THR:HB	1:22:A:ASP:H	18	0.21
(32,68)	1:29:A:LYS:H	1:30:A:LEU:H	15	0.21
(32,26)	1:35:A:LEU:H	1:35:A:LEU:HG	8	0.21
(32,14)	1:64:A:LYS:H	1:64:A:LYS:HD2	17	0.21
(32,14)	1:64:A:LYS:H	1:64:A:LYS:HD3	17	0.21
(30,2456)	1:140:A:LEU:HD11	1:143:A:TRP:HD1	7	0.21
(30,2456)	1:140:A:LEU:HD12	1:143:A:TRP:HD1	7	0.21
(30,2456)	1:140:A:LEU:HD13	1:143:A:TRP:HD1	7	0.21
(30,2456)	1:140:A:LEU:HD21	1:143:A:TRP:HD1	7	0.21
(30,2456)	1:140:A:LEU:HD22	1:143:A:TRP:HD1	7	0.21
(30,2456)	1:140:A:LEU:HD23	1:143:A:TRP:HD1	7	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2426)	1:136:A:CYS:HB2	1:141:A:LYS:HA	8	0.21
(30,2426)	1:136:A:CYS:HB3	1:141:A:LYS:HA	8	0.21
(30,2339)	1:107:A:LEU:HA	1:108:A:GLU:HG2	6	0.21
(30,2339)	1:107:A:LEU:HA	1:108:A:GLU:HG3	6	0.21
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	15	0.21
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	15	0.21
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	15	0.21
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	15	0.21
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	15	0.21
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	15	0.21
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	15	0.21
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	15	0.21
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	15	0.21
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	15	0.21
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	15	0.21
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	15	0.21
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	18	0.21
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	18	0.21
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	18	0.21
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	18	0.21
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	18	0.21
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	18	0.21
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	18	0.21
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	18	0.21
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	18	0.21
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	18	0.21
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	18	0.21
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	18	0.21
(30,2296)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	1	0.21
(30,2296)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	1	0.21
(30,2296)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	1	0.21
(30,2296)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	1	0.21
(30,2296)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	1	0.21
(30,2296)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	1	0.21
(30,2287)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	3	0.21
(30,2287)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	3	0.21
(30,2277)	1:75:A:GLY:HA2	1:77:A:CYS:HB2	12	0.21
(30,2277)	1:75:A:GLY:HA2	1:77:A:CYS:HB3	12	0.21
(30,2240)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	9	0.21
(30,2240)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	9	0.21
(30,2238)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.21
(30,2238)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2238)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.21
(30,2238)	1:66:A:THR:HG21	1:96:A:VAL:HG21	2	0.21
(30,2238)	1:66:A:THR:HG21	1:96:A:VAL:HG22	2	0.21
(30,2238)	1:66:A:THR:HG21	1:96:A:VAL:HG23	2	0.21
(30,2238)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.21
(30,2238)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.21
(30,2238)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.21
(30,2238)	1:66:A:THR:HG22	1:96:A:VAL:HG21	2	0.21
(30,2238)	1:66:A:THR:HG22	1:96:A:VAL:HG22	2	0.21
(30,2238)	1:66:A:THR:HG22	1:96:A:VAL:HG23	2	0.21
(30,2238)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.21
(30,2238)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.21
(30,2238)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.21
(30,2238)	1:66:A:THR:HG23	1:96:A:VAL:HG21	2	0.21
(30,2238)	1:66:A:THR:HG23	1:96:A:VAL:HG22	2	0.21
(30,2238)	1:66:A:THR:HG23	1:96:A:VAL:HG23	2	0.21
(30,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	16	0.21
(30,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	16	0.21
(30,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	16	0.21
(30,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	16	0.21
(30,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	16	0.21
(30,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	16	0.21
(30,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	16	0.21
(30,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	16	0.21
(30,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	16	0.21
(30,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	16	0.21
(30,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	16	0.21
(30,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	16	0.21
(30,2098)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	12	0.21
(30,2098)	1:37:A:LEU:HD11	1:41:A:LYS:HG3	12	0.21
(30,2098)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	12	0.21
(30,2098)	1:37:A:LEU:HD12	1:41:A:LYS:HG3	12	0.21
(30,2098)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	12	0.21
(30,2098)	1:37:A:LEU:HD13	1:41:A:LYS:HG3	12	0.21
(30,2036)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	14	0.21
(30,2036)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	14	0.21
(30,2036)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	14	0.21
(30,2036)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	14	0.21
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	12	0.21
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	12	0.21
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	12	0.21
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	12	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	12	0.21
(30,1950)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	12	0.21
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	12	0.21
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	12	0.21
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	12	0.21
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	12	0.21
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	12	0.21
(30,1950)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	12	0.21
(30,1927)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	13	0.21
(30,1927)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	13	0.21
(30,1927)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	13	0.21
(30,1927)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	13	0.21
(30,1927)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	13	0.21
(30,1927)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	13	0.21
(30,1901)	1:63:A:ILE:HB	1:113:A:PHE:HD1	14	0.21
(30,1901)	1:63:A:ILE:HB	1:113:A:PHE:HD2	14	0.21
(30,1884)	1:104:A:PHE:HE1	1:105:A:LYS:H	17	0.21
(30,1884)	1:104:A:PHE:HE2	1:105:A:LYS:H	17	0.21
(30,1857)	1:9:A:PHE:HZ	1:11:A:ILE:HA	13	0.21
(30,1852)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.21
(30,1852)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.21
(30,1809)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	18	0.21
(30,1809)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	18	0.21
(30,1809)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	18	0.21
(30,1809)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	18	0.21
(30,1809)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	18	0.21
(30,1809)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	18	0.21
(30,1782)	1:80:A:TYR:H	1:80:A:TYR:HD1	6	0.21
(30,1782)	1:80:A:TYR:H	1:80:A:TYR:HD2	6	0.21
(30,1782)	1:80:A:TYR:H	1:80:A:TYR:HD1	9	0.21
(30,1782)	1:80:A:TYR:H	1:80:A:TYR:HD2	9	0.21
(30,1746)	1:31:A:PRO:HB2	1:35:A:LEU:HA	12	0.21
(30,1746)	1:31:A:PRO:HB3	1:35:A:LEU:HA	12	0.21
(30,1690)	1:69:A:MET:HA	1:109:A:PRO:HA	19	0.21
(30,1605)	1:119:A:LEU:H	1:121:A:VAL:HG11	10	0.21
(30,1605)	1:119:A:LEU:H	1:121:A:VAL:HG12	10	0.21
(30,1605)	1:119:A:LEU:H	1:121:A:VAL:HG13	10	0.21
(30,1601)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	6	0.21
(30,1601)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	6	0.21
(30,1601)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	6	0.21
(30,1584)	1:101:A:ILE:HD11	1:112:A:GLN:HA	8	0.21
(30,1584)	1:101:A:ILE:HD12	1:112:A:GLN:HA	8	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1584)	1:101:A:ILE:HD13	1:112:A:GLN:HA	8	0.21
(30,1570)	1:11:A:ILE:HD11	1:12:A:VAL:H	14	0.21
(30,1570)	1:11:A:ILE:HD12	1:12:A:VAL:H	14	0.21
(30,1570)	1:11:A:ILE:HD13	1:12:A:VAL:H	14	0.21
(30,1555)	1:60:A:LEU:HA	1:117:A:VAL:HG21	14	0.21
(30,1555)	1:60:A:LEU:HA	1:117:A:VAL:HG22	14	0.21
(30,1555)	1:60:A:LEU:HA	1:117:A:VAL:HG23	14	0.21
(30,1490)	1:114:A:ILE:HG21	1:117:A:VAL:H	3	0.21
(30,1490)	1:114:A:ILE:HG22	1:117:A:VAL:H	3	0.21
(30,1490)	1:114:A:ILE:HG23	1:117:A:VAL:H	3	0.21
(30,1480)	1:101:A:ILE:HG21	1:115:A:ALA:HA	13	0.21
(30,1480)	1:101:A:ILE:HG22	1:115:A:ALA:HA	13	0.21
(30,1480)	1:101:A:ILE:HG23	1:115:A:ALA:HA	13	0.21
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG11	13	0.21
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG12	13	0.21
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG13	13	0.21
(30,1340)	1:125:A:THR:HG21	1:128:A:LEU:HB2	9	0.21
(30,1340)	1:125:A:THR:HG22	1:128:A:LEU:HB2	9	0.21
(30,1340)	1:125:A:THR:HG23	1:128:A:LEU:HB2	9	0.21
(30,1333)	1:103:A:ARG:HG2	1:106:A:ASP:HA	8	0.21
(30,1333)	1:103:A:ARG:HG3	1:106:A:ASP:HA	8	0.21
(30,1282)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	14	0.21
(30,1282)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	14	0.21
(30,1282)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	14	0.21
(30,1215)	1:110:A:MET:HA	1:113:A:PHE:HB2	14	0.21
(30,1215)	1:110:A:MET:HA	1:113:A:PHE:HB2	18	0.21
(30,1131)	1:144:A:LEU:HB2	1:144:A:LEU:HD21	5	0.21
(30,1131)	1:144:A:LEU:HB2	1:144:A:LEU:HD22	5	0.21
(30,1131)	1:144:A:LEU:HB2	1:144:A:LEU:HD23	5	0.21
(30,1078)	1:136:A:CYS:HB2	1:141:A:LYS:HA	9	0.21
(30,1056)	1:134:A:VAL:HG21	1:140:A:LEU:HG	7	0.21
(30,1056)	1:134:A:VAL:HG22	1:140:A:LEU:HG	7	0.21
(30,1056)	1:134:A:VAL:HG23	1:140:A:LEU:HG	7	0.21
(30,1018)	1:41:A:LYS:HA	1:44:A:GLU:HB2	3	0.21
(30,1018)	1:41:A:LYS:HA	1:44:A:GLU:HB3	3	0.21
(30,985)	1:12:A:VAL:HB	1:43:A:MET:HE1	8	0.21
(30,985)	1:12:A:VAL:HB	1:43:A:MET:HE2	8	0.21
(30,985)	1:12:A:VAL:HB	1:43:A:MET:HE3	8	0.21
(30,902)	1:150:A:THR:H	1:150:A:THR:HB	3	0.21
(30,856)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	15	0.21
(30,856)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	15	0.21
(30,830)	1:110:A:MET:HG2	1:114:A:ILE:HD11	16	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,830)	1:110:A:MET:HG2	1:114:A:ILE:HD12	16	0.21
(30,830)	1:110:A:MET:HG2	1:114:A:ILE:HD13	16	0.21
(30,830)	1:110:A:MET:HG3	1:114:A:ILE:HD11	16	0.21
(30,830)	1:110:A:MET:HG3	1:114:A:ILE:HD12	16	0.21
(30,830)	1:110:A:MET:HG3	1:114:A:ILE:HD13	16	0.21
(30,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	1	0.21
(30,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	1	0.21
(30,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	1	0.21
(30,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	1	0.21
(30,807)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	7	0.21
(30,807)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	7	0.21
(30,807)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	7	0.21
(30,807)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	7	0.21
(30,807)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	7	0.21
(30,807)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	7	0.21
(30,807)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	7	0.21
(30,807)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	7	0.21
(30,807)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	7	0.21
(30,756)	1:53:A:THR:H	1:53:A:THR:HG21	15	0.21
(30,756)	1:53:A:THR:H	1:53:A:THR:HG22	15	0.21
(30,756)	1:53:A:THR:H	1:53:A:THR:HG23	15	0.21
(30,667)	1:63:A:ILE:HG12	1:117:A:VAL:H	7	0.21
(30,397)	1:105:A:LYS:HD2	1:106:A:ASP:H	15	0.21
(30,397)	1:105:A:LYS:HD3	1:106:A:ASP:H	15	0.21
(30,314)	1:43:A:MET:H	1:140:A:LEU:HD11	16	0.21
(30,314)	1:43:A:MET:H	1:140:A:LEU:HD12	16	0.21
(30,314)	1:43:A:MET:H	1:140:A:LEU:HD13	16	0.21
(30,273)	1:112:A:GLN:H	1:112:A:GLN:HE21	15	0.21
(30,124)	1:79:A:THR:HB	1:80:A:TYR:H	19	0.21
(30,92)	1:96:A:VAL:H	1:97:A:ASP:H	3	0.21
(29,2330)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	2	0.21
(29,2330)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	2	0.21
(29,2330)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	2	0.21
(29,2330)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	2	0.21
(29,2330)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	2	0.21
(29,2330)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	2	0.21
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	17	0.21
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	17	0.21
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	17	0.21
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	17	0.21
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	17	0.21
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	17	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	17	0.21
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	17	0.21
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	17	0.21
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	17	0.21
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	17	0.21
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	17	0.21
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	17	0.21
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	17	0.21
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	17	0.21
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	17	0.21
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	17	0.21
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	17	0.21
(29,2280)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	1	0.21
(29,2280)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	1	0.21
(29,2280)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	1	0.21
(29,2280)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	1	0.21
(29,2280)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	1	0.21
(29,2280)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	1	0.21
(29,2271)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	3	0.21
(29,2271)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	3	0.21
(29,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.21
(29,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.21
(29,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.21
(29,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG21	2	0.21
(29,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG22	2	0.21
(29,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG23	2	0.21
(29,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.21
(29,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.21
(29,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.21
(29,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG21	2	0.21
(29,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG22	2	0.21
(29,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG23	2	0.21
(29,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.21
(29,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.21
(29,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.21
(29,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG21	2	0.21
(29,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG22	2	0.21
(29,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG23	2	0.21
(29,2079)	1:34:A:LYS:H	1:81:A:GLU:HB2	12	0.21
(29,2079)	1:34:A:LYS:H	1:81:A:GLU:HB3	12	0.21
(29,2077)	1:32:A:GLY:HA2	1:34:A:LYS:H	13	0.21
(29,2077)	1:32:A:GLY:HA3	1:34:A:LYS:H	13	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1990)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	2	0.21
(29,1990)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	2	0.21
(29,1990)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	2	0.21
(29,1990)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	2	0.21
(29,1990)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	2	0.21
(29,1990)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	2	0.21
(29,1990)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	2	0.21
(29,1990)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	2	0.21
(29,1990)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	2	0.21
(29,1990)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	2	0.21
(29,1990)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	2	0.21
(29,1990)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	2	0.21
(29,1990)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	2	0.21
(29,1990)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	2	0.21
(29,1990)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	2	0.21
(29,1990)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	2	0.21
(29,1990)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	2	0.21
(29,1990)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	2	0.21
(29,1974)	1:11:A:ILE:HB	1:40:A:LEU:HD11	19	0.21
(29,1974)	1:11:A:ILE:HB	1:40:A:LEU:HD12	19	0.21
(29,1974)	1:11:A:ILE:HB	1:40:A:LEU:HD13	19	0.21
(29,1974)	1:11:A:ILE:HB	1:40:A:LEU:HD21	19	0.21
(29,1974)	1:11:A:ILE:HB	1:40:A:LEU:HD22	19	0.21
(29,1974)	1:11:A:ILE:HB	1:40:A:LEU:HD23	19	0.21
(29,1954)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	7	0.21
(29,1954)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	7	0.21
(29,1954)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	7	0.21
(29,1954)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	7	0.21
(29,1954)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	7	0.21
(29,1954)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	7	0.21
(29,1954)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	7	0.21
(29,1954)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	7	0.21
(29,1954)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	7	0.21
(29,1954)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	7	0.21
(29,1954)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	7	0.21
(29,1954)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	7	0.21
(29,1872)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.21
(29,1872)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.21
(29,1860)	1:59:A:CYS:HA	1:62:A:HIS:HD2	1	0.21
(29,1860)	1:59:A:CYS:HA	1:62:A:HIS:HD2	10	0.21
(29,1828)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	11	0.21
(29,1828)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	11	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1828)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	11	0.21
(29,1828)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	11	0.21
(29,1828)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	11	0.21
(29,1828)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	11	0.21
(29,1827)	1:101:A:ILE:HB	1:104:A:PHE:HD1	19	0.21
(29,1827)	1:101:A:ILE:HB	1:104:A:PHE:HD2	19	0.21
(29,1826)	1:104:A:PHE:HE1	1:105:A:LYS:HA	7	0.21
(29,1826)	1:104:A:PHE:HE2	1:105:A:LYS:HA	7	0.21
(29,1816)	1:71:A:LYS:HE2	1:72:A:PHE:HD1	17	0.21
(29,1816)	1:71:A:LYS:HE2	1:72:A:PHE:HD2	17	0.21
(29,1816)	1:71:A:LYS:HE3	1:72:A:PHE:HD1	17	0.21
(29,1816)	1:71:A:LYS:HE3	1:72:A:PHE:HD2	17	0.21
(29,1783)	1:39:A:VAL:HG21	1:41:A:LYS:H	9	0.21
(29,1783)	1:39:A:VAL:HG22	1:41:A:LYS:H	9	0.21
(29,1783)	1:39:A:VAL:HG23	1:41:A:LYS:H	9	0.21
(29,1783)	1:39:A:VAL:HG21	1:41:A:LYS:H	16	0.21
(29,1783)	1:39:A:VAL:HG22	1:41:A:LYS:H	16	0.21
(29,1783)	1:39:A:VAL:HG23	1:41:A:LYS:H	16	0.21
(29,1780)	1:43:A:MET:H	1:140:A:LEU:HD21	13	0.21
(29,1780)	1:43:A:MET:H	1:140:A:LEU:HD22	13	0.21
(29,1780)	1:43:A:MET:H	1:140:A:LEU:HD23	13	0.21
(29,1729)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	11	0.21
(29,1672)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	11	0.21
(29,1672)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	11	0.21
(29,1672)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	11	0.21
(29,1672)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	11	0.21
(29,1672)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	11	0.21
(29,1672)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	11	0.21
(29,1616)	1:119:A:LEU:H	1:121:A:VAL:HG11	10	0.21
(29,1616)	1:119:A:LEU:H	1:121:A:VAL:HG12	10	0.21
(29,1616)	1:119:A:LEU:H	1:121:A:VAL:HG13	10	0.21
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	15	0.21
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	15	0.21
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	15	0.21
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	15	0.21
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	15	0.21
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	15	0.21
(29,1581)	1:11:A:ILE:HD11	1:12:A:VAL:H	14	0.21
(29,1581)	1:11:A:ILE:HD12	1:12:A:VAL:H	14	0.21
(29,1581)	1:11:A:ILE:HD13	1:12:A:VAL:H	14	0.21
(29,1550)	1:110:A:MET:H	1:110:A:MET:HE1	11	0.21
(29,1550)	1:110:A:MET:H	1:110:A:MET:HE2	11	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1550)	1:110:A:MET:H	1:110:A:MET:HE3	11	0.21
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	18	0.21
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	18	0.21
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	18	0.21
(29,1465)	1:13:A:ALA:HB1	1:61:A:SER:HA	17	0.21
(29,1465)	1:13:A:ALA:HB2	1:61:A:SER:HA	17	0.21
(29,1465)	1:13:A:ALA:HB3	1:61:A:SER:HA	17	0.21
(29,1435)	1:121:A:VAL:HG21	1:123:A:CYS:H	15	0.21
(29,1435)	1:121:A:VAL:HG22	1:123:A:CYS:H	15	0.21
(29,1435)	1:121:A:VAL:HG23	1:123:A:CYS:H	15	0.21
(29,1427)	1:73:A:ILE:HG21	1:113:A:PHE:HB3	11	0.21
(29,1427)	1:73:A:ILE:HG22	1:113:A:PHE:HB3	11	0.21
(29,1427)	1:73:A:ILE:HG23	1:113:A:PHE:HB3	11	0.21
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG11	10	0.21
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG12	10	0.21
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG13	10	0.21
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD11	4	0.21
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD12	4	0.21
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD13	4	0.21
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD11	4	0.21
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD12	4	0.21
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD13	4	0.21
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD11	4	0.21
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD12	4	0.21
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD13	4	0.21
(29,1299)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	14	0.21
(29,1299)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	14	0.21
(29,1299)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	14	0.21
(29,1252)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	17	0.21
(29,1252)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	17	0.21
(29,1252)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	17	0.21
(29,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	9	0.21
(29,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	9	0.21
(29,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	9	0.21
(29,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	9	0.21
(29,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	9	0.21
(29,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	9	0.21
(29,1221)	1:41:A:LYS:HA	1:41:A:LYS:HG2	9	0.21
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD21	4	0.21
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD22	4	0.21
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD23	4	0.21
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD21	17	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD22	17	0.21
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD23	17	0.21
(29,1191)	1:128:A:LEU:HD21	1:129:A:LYS:H	1	0.21
(29,1191)	1:128:A:LEU:HD22	1:129:A:LYS:H	1	0.21
(29,1191)	1:128:A:LEU:HD23	1:129:A:LYS:H	1	0.21
(29,1078)	1:71:A:LYS:HG3	1:72:A:PHE:HA	12	0.21
(29,1043)	1:41:A:LYS:HA	1:44:A:GLU:HB2	3	0.21
(29,1043)	1:41:A:LYS:HA	1:44:A:GLU:HB3	3	0.21
(29,1040)	1:8:A:ASP:H	1:58:A:ILE:HG12	19	0.21
(29,934)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	4	0.21
(29,934)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	4	0.21
(29,869)	1:8:A:ASP:H	1:8:A:ASP:HB3	7	0.21
(29,846)	1:110:A:MET:HG2	1:114:A:ILE:HD11	16	0.21
(29,846)	1:110:A:MET:HG2	1:114:A:ILE:HD12	16	0.21
(29,846)	1:110:A:MET:HG2	1:114:A:ILE:HD13	16	0.21
(29,846)	1:110:A:MET:HG3	1:114:A:ILE:HD11	16	0.21
(29,846)	1:110:A:MET:HG3	1:114:A:ILE:HD12	16	0.21
(29,846)	1:110:A:MET:HG3	1:114:A:ILE:HD13	16	0.21
(29,785)	1:73:A:ILE:HD11	1:113:A:PHE:HA	8	0.21
(29,785)	1:73:A:ILE:HD12	1:113:A:PHE:HA	8	0.21
(29,785)	1:73:A:ILE:HD13	1:113:A:PHE:HA	8	0.21
(29,766)	1:38:A:GLU:H	1:41:A:LYS:HG2	19	0.21
(29,727)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	7	0.21
(29,727)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	7	0.21
(29,727)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	7	0.21
(29,720)	1:44:A:GLU:HG3	1:48:A:ARG:HE	10	0.21
(29,679)	1:120:A:CYS:H	1:121:A:VAL:HG11	4	0.21
(29,679)	1:120:A:CYS:H	1:121:A:VAL:HG12	4	0.21
(29,679)	1:120:A:CYS:H	1:121:A:VAL:HG13	4	0.21
(29,572)	1:63:A:ILE:HG21	1:116:A:GLN:H	19	0.21
(29,572)	1:63:A:ILE:HG22	1:116:A:GLN:H	19	0.21
(29,572)	1:63:A:ILE:HG23	1:116:A:GLN:H	19	0.21
(29,373)	1:41:A:LYS:H	1:44:A:GLU:HG2	10	0.21
(29,341)	1:110:A:MET:HG2	1:111:A:GLU:H	16	0.21
(29,341)	1:110:A:MET:HG3	1:111:A:GLU:H	16	0.21
(29,289)	1:50:A:ALA:HB1	1:52:A:CYS:H	6	0.21
(29,289)	1:50:A:ALA:HB2	1:52:A:CYS:H	6	0.21
(29,289)	1:50:A:ALA:HB3	1:52:A:CYS:H	6	0.21
(29,289)	1:50:A:ALA:HB1	1:52:A:CYS:H	19	0.21
(29,289)	1:50:A:ALA:HB2	1:52:A:CYS:H	19	0.21
(29,289)	1:50:A:ALA:HB3	1:52:A:CYS:H	19	0.21
(29,272)	1:112:A:GLN:H	1:112:A:GLN:HE21	15	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,159)	1:67:A:PRO:HD3	1:95:A:ILE:H	3	0.21
(29,76)	1:29:A:LYS:H	1:30:A:LEU:H	15	0.21
(24,25)	1:107:A:LEU:H	1:103:A:ARG:O	1	0.21
(24,25)	1:107:A:LEU:H	1:103:A:ARG:O	4	0.21
(24,23)	1:101:A:ILE:H	1:98:A:ILE:O	4	0.21
(24,23)	1:101:A:ILE:H	1:98:A:ILE:O	10	0.21
(24,23)	1:101:A:ILE:H	1:98:A:ILE:O	16	0.21
(24,23)	1:101:A:ILE:H	1:98:A:ILE:O	17	0.21
(24,4)	1:66:A:THR:OG1	1:69:A:MET:H	6	0.21
(23,17)	1:118:A:ASP:N	1:114:A:ILE:O	1	0.21
(23,17)	1:118:A:ASP:N	1:114:A:ILE:O	12	0.21
(23,14)	1:115:A:ALA:N	1:111:A:GLU:O	8	0.21
(23,8)	1:61:A:SER:N	1:57:A:LEU:O	2	0.21
(23,8)	1:61:A:SER:N	1:57:A:LEU:O	5	0.21
(23,3)	1:44:A:GLU:N	1:40:A:LEU:O	4	0.21
(23,2)	1:39:A:VAL:N	1:36:A:PRO:O	11	0.21
(23,2)	1:39:A:VAL:N	1:36:A:PRO:O	15	0.21
(22,28)	1:115:A:ALA:N	1:111:A:GLU:C	9	0.21
(22,28)	1:115:A:ALA:N	1:111:A:GLU:C	18	0.21
(22,8)	1:45:A:ALA:N	1:41:A:LYS:C	4	0.21
(22,4)	1:39:A:VAL:N	1:36:A:PRO:C	5	0.21
(22,2)	1:17:A:ASN:N	1:13:A:ALA:C	2	0.21
(19,18)	1:56:A:CYS:SG	1:123:A:CYS:CB	18	0.21
(19,7)	1:123:A:CYS:SG	1:56:A:CYS:CB	1	0.21
(18,2324)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	18	0.21
(18,2324)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	18	0.21
(18,2324)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	18	0.21
(18,2324)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	18	0.21
(18,2324)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	18	0.21
(18,2324)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	18	0.21
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	15	0.21
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	15	0.21
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	15	0.21
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	15	0.21
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	15	0.21
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	15	0.21
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	15	0.21
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	15	0.21
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	15	0.21
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	15	0.21
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	15	0.21
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	15	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	18	0.21
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	18	0.21
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	18	0.21
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	18	0.21
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	18	0.21
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	18	0.21
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	18	0.21
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	18	0.21
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	18	0.21
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	18	0.21
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	18	0.21
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	18	0.21
(18,2271)	1:81:A:GLU:H	1:81:A:GLU:HB2	12	0.21
(18,2271)	1:81:A:GLU:H	1:81:A:GLU:HB3	12	0.21
(18,2245)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.21
(18,2245)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.21
(18,2245)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.21
(18,2245)	1:66:A:THR:HG21	1:96:A:VAL:HG21	2	0.21
(18,2245)	1:66:A:THR:HG21	1:96:A:VAL:HG22	2	0.21
(18,2245)	1:66:A:THR:HG21	1:96:A:VAL:HG23	2	0.21
(18,2245)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.21
(18,2245)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.21
(18,2245)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.21
(18,2245)	1:66:A:THR:HG22	1:96:A:VAL:HG21	2	0.21
(18,2245)	1:66:A:THR:HG22	1:96:A:VAL:HG22	2	0.21
(18,2245)	1:66:A:THR:HG22	1:96:A:VAL:HG23	2	0.21
(18,2245)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.21
(18,2245)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.21
(18,2245)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.21
(18,2245)	1:66:A:THR:HG23	1:96:A:VAL:HG21	2	0.21
(18,2245)	1:66:A:THR:HG23	1:96:A:VAL:HG22	2	0.21
(18,2245)	1:66:A:THR:HG23	1:96:A:VAL:HG23	2	0.21
(18,2239)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.21
(18,2239)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.21
(18,2239)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.21
(18,2239)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.21
(18,2222)	1:60:A:LEU:HD11	1:120:A:CYS:HA	4	0.21
(18,2222)	1:60:A:LEU:HD12	1:120:A:CYS:HA	4	0.21
(18,2222)	1:60:A:LEU:HD13	1:120:A:CYS:HA	4	0.21
(18,2222)	1:60:A:LEU:HD21	1:120:A:CYS:HA	4	0.21
(18,2222)	1:60:A:LEU:HD22	1:120:A:CYS:HA	4	0.21
(18,2222)	1:60:A:LEU:HD23	1:120:A:CYS:HA	4	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2208)	1:57:A:LEU:HG	1:60:A:LEU:HD11	9	0.21
(18,2208)	1:57:A:LEU:HG	1:60:A:LEU:HD12	9	0.21
(18,2208)	1:57:A:LEU:HG	1:60:A:LEU:HD13	9	0.21
(18,2208)	1:57:A:LEU:HG	1:60:A:LEU:HD21	9	0.21
(18,2208)	1:57:A:LEU:HG	1:60:A:LEU:HD22	9	0.21
(18,2208)	1:57:A:LEU:HG	1:60:A:LEU:HD23	9	0.21
(18,2189)	1:54:A:ARG:HB2	1:58:A:ILE:HG21	13	0.21
(18,2189)	1:54:A:ARG:HB2	1:58:A:ILE:HG22	13	0.21
(18,2189)	1:54:A:ARG:HB2	1:58:A:ILE:HG23	13	0.21
(18,2189)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	13	0.21
(18,2189)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	13	0.21
(18,2189)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	13	0.21
(18,2181)	1:53:A:THR:H	1:57:A:LEU:HD11	16	0.21
(18,2181)	1:53:A:THR:H	1:57:A:LEU:HD12	16	0.21
(18,2181)	1:53:A:THR:H	1:57:A:LEU:HD13	16	0.21
(18,2181)	1:53:A:THR:H	1:57:A:LEU:HD21	16	0.21
(18,2181)	1:53:A:THR:H	1:57:A:LEU:HD22	16	0.21
(18,2181)	1:53:A:THR:H	1:57:A:LEU:HD23	16	0.21
(18,2109)	1:39:A:VAL:HG11	1:43:A:MET:HB2	10	0.21
(18,2109)	1:39:A:VAL:HG12	1:43:A:MET:HB2	10	0.21
(18,2109)	1:39:A:VAL:HG13	1:43:A:MET:HB2	10	0.21
(18,2109)	1:39:A:VAL:HG21	1:43:A:MET:HB2	10	0.21
(18,2109)	1:39:A:VAL:HG22	1:43:A:MET:HB2	10	0.21
(18,2109)	1:39:A:VAL:HG23	1:43:A:MET:HB2	10	0.21
(18,2022)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	17	0.21
(18,2022)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	17	0.21
(18,2022)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	17	0.21
(18,2022)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	17	0.21
(18,2022)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	17	0.21
(18,2022)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	17	0.21
(18,2022)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	17	0.21
(18,2022)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	17	0.21
(18,2022)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	17	0.21
(18,2022)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	17	0.21
(18,2022)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	17	0.21
(18,2022)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	17	0.21
(18,1999)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	13	0.21
(18,1999)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	13	0.21
(18,1999)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	13	0.21
(18,1999)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	13	0.21
(18,1999)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	13	0.21
(18,1999)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	13	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1999)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	13	0.21
(18,1999)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	13	0.21
(18,1999)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	13	0.21
(18,1999)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	13	0.21
(18,1999)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	13	0.21
(18,1999)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	13	0.21
(18,1999)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	13	0.21
(18,1999)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	13	0.21
(18,1999)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	13	0.21
(18,1999)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	13	0.21
(18,1999)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	13	0.21
(18,1999)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	13	0.21
(18,1999)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	13	0.21
(18,1999)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	13	0.21
(18,1999)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	13	0.21
(18,1999)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	13	0.21
(18,1999)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	13	0.21
(18,1999)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	13	0.21
(18,1999)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	13	0.21
(18,1999)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	13	0.21
(18,1999)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	13	0.21
(18,1999)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	13	0.21
(18,1999)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	13	0.21
(18,1999)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	13	0.21
(18,1999)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	13	0.21
(18,1999)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	13	0.21
(18,1999)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	13	0.21
(18,1999)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	13	0.21
(18,1999)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	13	0.21
(18,1999)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	13	0.21
(18,1993)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	12	0.21
(18,1993)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	12	0.21
(18,1993)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	12	0.21
(18,1993)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	12	0.21
(18,1993)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	12	0.21
(18,1993)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	12	0.21
(18,1925)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	8	0.21
(18,1925)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	8	0.21
(18,1923)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	3	0.21
(18,1923)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	3	0.21
(18,1923)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	3	0.21
(18,1923)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	3	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1914)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	13	0.21
(18,1914)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	13	0.21
(18,1914)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	13	0.21
(18,1914)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	13	0.21
(18,1914)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	13	0.21
(18,1914)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	13	0.21
(18,1863)	1:72:A:PHE:HD1	1:109:A:PRO:HD2	7	0.21
(18,1863)	1:72:A:PHE:HD2	1:109:A:PRO:HD2	7	0.21
(18,1843)	1:9:A:PHE:HZ	1:11:A:ILE:HA	13	0.21
(18,1789)	1:104:A:PHE:HE1	1:105:A:LYS:HA	7	0.21
(18,1789)	1:104:A:PHE:HE2	1:105:A:LYS:HA	7	0.21
(18,1778)	1:68:A:LYS:HA	1:72:A:PHE:HD1	1	0.21
(18,1778)	1:68:A:LYS:HA	1:72:A:PHE:HD2	1	0.21
(18,1778)	1:68:A:LYS:HA	1:72:A:PHE:HD1	18	0.21
(18,1778)	1:68:A:LYS:HA	1:72:A:PHE:HD2	18	0.21
(18,1749)	1:97:A:ASP:HA	1:105:A:LYS:HA	9	0.21
(18,1746)	1:39:A:VAL:HG21	1:41:A:LYS:H	9	0.21
(18,1746)	1:39:A:VAL:HG22	1:41:A:LYS:H	9	0.21
(18,1746)	1:39:A:VAL:HG23	1:41:A:LYS:H	9	0.21
(18,1746)	1:39:A:VAL:HG21	1:41:A:LYS:H	16	0.21
(18,1746)	1:39:A:VAL:HG22	1:41:A:LYS:H	16	0.21
(18,1746)	1:39:A:VAL:HG23	1:41:A:LYS:H	16	0.21
(18,1697)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	11	0.21
(18,1688)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	5	0.21
(18,1688)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	5	0.21
(18,1684)	1:43:A:MET:HE1	1:131:A:LEU:HB3	15	0.21
(18,1684)	1:43:A:MET:HE2	1:131:A:LEU:HB3	15	0.21
(18,1684)	1:43:A:MET:HE3	1:131:A:LEU:HB3	15	0.21
(18,1643)	1:69:A:MET:HE1	1:116:A:GLN:HG3	6	0.21
(18,1643)	1:69:A:MET:HE2	1:116:A:GLN:HG3	6	0.21
(18,1643)	1:69:A:MET:HE3	1:116:A:GLN:HG3	6	0.21
(18,1635)	1:12:A:VAL:HG11	1:15:A:ALA:HB1	5	0.21
(18,1635)	1:12:A:VAL:HG11	1:15:A:ALA:HB2	5	0.21
(18,1635)	1:12:A:VAL:HG11	1:15:A:ALA:HB3	5	0.21
(18,1635)	1:12:A:VAL:HG12	1:15:A:ALA:HB1	5	0.21
(18,1635)	1:12:A:VAL:HG12	1:15:A:ALA:HB2	5	0.21
(18,1635)	1:12:A:VAL:HG12	1:15:A:ALA:HB3	5	0.21
(18,1635)	1:12:A:VAL:HG13	1:15:A:ALA:HB1	5	0.21
(18,1635)	1:12:A:VAL:HG13	1:15:A:ALA:HB2	5	0.21
(18,1635)	1:12:A:VAL:HG13	1:15:A:ALA:HB3	5	0.21
(18,1552)	1:11:A:ILE:HD11	1:12:A:VAL:H	14	0.21
(18,1552)	1:11:A:ILE:HD12	1:12:A:VAL:H	14	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1552)	1:11:A:ILE:HD13	1:12:A:VAL:H	14	0.21
(18,1546)	1:9:A:PHE:HE1	1:14:A:VAL:HG21	5	0.21
(18,1546)	1:9:A:PHE:HE1	1:14:A:VAL:HG22	5	0.21
(18,1546)	1:9:A:PHE:HE1	1:14:A:VAL:HG23	5	0.21
(18,1546)	1:9:A:PHE:HE2	1:14:A:VAL:HG21	5	0.21
(18,1546)	1:9:A:PHE:HE2	1:14:A:VAL:HG22	5	0.21
(18,1546)	1:9:A:PHE:HE2	1:14:A:VAL:HG23	5	0.21
(18,1528)	1:110:A:MET:HE1	1:114:A:ILE:HG12	7	0.21
(18,1528)	1:110:A:MET:HE2	1:114:A:ILE:HG12	7	0.21
(18,1528)	1:110:A:MET:HE3	1:114:A:ILE:HG12	7	0.21
(18,1517)	1:69:A:MET:HE1	1:113:A:PHE:HB3	8	0.21
(18,1517)	1:69:A:MET:HE2	1:113:A:PHE:HB3	8	0.21
(18,1517)	1:69:A:MET:HE3	1:113:A:PHE:HB3	8	0.21
(18,1508)	1:69:A:MET:HE1	1:115:A:ALA:H	17	0.21
(18,1508)	1:69:A:MET:HE2	1:115:A:ALA:H	17	0.21
(18,1508)	1:69:A:MET:HE3	1:115:A:ALA:H	17	0.21
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG21	6	0.21
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG22	6	0.21
(18,1469)	1:100:A:ALA:HA	1:101:A:ILE:HG23	6	0.21
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG21	1	0.21
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG22	1	0.21
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG23	1	0.21
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG21	6	0.21
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG22	6	0.21
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG23	6	0.21
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG21	7	0.21
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG22	7	0.21
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG23	7	0.21
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG21	9	0.21
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG22	9	0.21
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG23	9	0.21
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG21	11	0.21
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG22	11	0.21
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG23	11	0.21
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG21	15	0.21
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG22	15	0.21
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG23	15	0.21
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG21	17	0.21
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG22	17	0.21
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG23	17	0.21
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG21	18	0.21
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG22	18	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG23	18	0.21
(18,1457)	1:95:A:ILE:HG21	1:96:A:VAL:H	2	0.21
(18,1457)	1:95:A:ILE:HG22	1:96:A:VAL:H	2	0.21
(18,1457)	1:95:A:ILE:HG23	1:96:A:VAL:H	2	0.21
(18,1407)	1:101:A:ILE:HG21	1:102:A:PRO:HD3	1	0.21
(18,1407)	1:101:A:ILE:HG22	1:102:A:PRO:HD3	1	0.21
(18,1407)	1:101:A:ILE:HG23	1:102:A:PRO:HD3	1	0.21
(18,1333)	1:103:A:ARG:HG2	1:106:A:ASP:HA	8	0.21
(18,1333)	1:103:A:ARG:HG3	1:106:A:ASP:HA	8	0.21
(18,1295)	1:11:A:ILE:HA	1:14:A:VAL:HG11	16	0.21
(18,1295)	1:11:A:ILE:HA	1:14:A:VAL:HG12	16	0.21
(18,1295)	1:11:A:ILE:HA	1:14:A:VAL:HG13	16	0.21
(18,1284)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	14	0.21
(18,1284)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	14	0.21
(18,1284)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	14	0.21
(18,1268)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	3	0.21
(18,1268)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	3	0.21
(18,1268)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	3	0.21
(18,1268)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	3	0.21
(18,1268)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	3	0.21
(18,1268)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	3	0.21
(18,1210)	1:41:A:LYS:H	1:41:A:LYS:HG3	8	0.21
(18,1052)	1:11:A:ILE:HB	1:44:A:GLU:HB2	11	0.21
(18,1052)	1:11:A:ILE:HB	1:44:A:GLU:HB3	11	0.21
(18,962)	1:39:A:VAL:HA	1:140:A:LEU:HD11	12	0.21
(18,962)	1:39:A:VAL:HA	1:140:A:LEU:HD12	12	0.21
(18,962)	1:39:A:VAL:HA	1:140:A:LEU:HD13	12	0.21
(18,931)	1:108:A:GLU:HG3	1:112:A:GLN:H	15	0.21
(18,871)	1:35:A:LEU:HB3	1:39:A:VAL:HB	18	0.21
(18,866)	1:8:A:ASP:H	1:8:A:ASP:HB3	7	0.21
(18,824)	1:64:A:LYS:H	1:98:A:ILE:HD11	6	0.21
(18,824)	1:64:A:LYS:H	1:98:A:ILE:HD12	6	0.21
(18,824)	1:64:A:LYS:H	1:98:A:ILE:HD13	6	0.21
(18,801)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	14	0.21
(18,801)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	14	0.21
(18,801)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	14	0.21
(18,801)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	14	0.21
(18,801)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	14	0.21
(18,801)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	14	0.21
(18,778)	1:42:A:GLU:H	1:42:A:GLU:HB3	18	0.21
(18,741)	1:17:A:ASN:HD21	1:18:A:PHE:H	6	0.21
(18,686)	1:120:A:CYS:H	1:121:A:VAL:HG11	4	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,686)	1:120:A:CYS:H	1:121:A:VAL:HG12	4	0.21
(18,686)	1:120:A:CYS:H	1:121:A:VAL:HG13	4	0.21
(18,419)	1:119:A:LEU:H	1:119:A:LEU:HD21	15	0.21
(18,419)	1:119:A:LEU:H	1:119:A:LEU:HD22	15	0.21
(18,419)	1:119:A:LEU:H	1:119:A:LEU:HD23	15	0.21
(18,355)	1:122:A:ASP:HB3	1:123:A:CYS:H	18	0.21
(18,292)	1:50:A:ALA:H	1:52:A:CYS:H	6	0.21
(18,289)	1:73:A:ILE:HD11	1:112:A:GLN:H	13	0.21
(18,289)	1:73:A:ILE:HD12	1:112:A:GLN:H	13	0.21
(18,289)	1:73:A:ILE:HD13	1:112:A:GLN:H	13	0.21
(18,285)	1:113:A:PHE:H	1:114:A:ILE:HB	16	0.21
(18,279)	1:112:A:GLN:H	1:112:A:GLN:HE21	15	0.21
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD11	4	0.21
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD12	4	0.21
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD13	4	0.21
(18,166)	1:95:A:ILE:H	1:95:A:ILE:HB	11	0.21
(18,60)	1:11:A:ILE:HD11	1:47:A:ALA:H	7	0.21
(18,60)	1:11:A:ILE:HD12	1:47:A:ALA:H	7	0.21
(18,60)	1:11:A:ILE:HD13	1:47:A:ALA:H	7	0.21
(18,36)	1:95:A:ILE:HB	1:96:A:VAL:H	18	0.21
(18,30)	1:35:A:LEU:H	1:35:A:LEU:HG	8	0.21
(18,11)	1:64:A:LYS:H	1:64:A:LYS:HE2	18	0.21
(18,11)	1:64:A:LYS:H	1:64:A:LYS:HE3	18	0.21
(17,2459)	1:141:A:LYS:H	1:148:A:CYS:HB2	5	0.21
(17,2459)	1:141:A:LYS:H	1:148:A:CYS:HB3	5	0.21
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD11	2	0.21
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD12	2	0.21
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD13	2	0.21
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD21	2	0.21
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD22	2	0.21
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD23	2	0.21
(17,2264)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	10	0.21
(17,2264)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	10	0.21
(17,2250)	1:69:A:MET:HG2	1:73:A:ILE:HD11	7	0.21
(17,2250)	1:69:A:MET:HG2	1:73:A:ILE:HD12	7	0.21
(17,2250)	1:69:A:MET:HG2	1:73:A:ILE:HD13	7	0.21
(17,2250)	1:69:A:MET:HG3	1:73:A:ILE:HD11	7	0.21
(17,2250)	1:69:A:MET:HG3	1:73:A:ILE:HD12	7	0.21
(17,2250)	1:69:A:MET:HG3	1:73:A:ILE:HD13	7	0.21
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	3	0.21
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	3	0.21
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	3	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	3	0.21
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	3	0.21
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	3	0.21
(17,2215)	1:57:A:LEU:HD11	1:60:A:LEU:HG	4	0.21
(17,2215)	1:57:A:LEU:HD12	1:60:A:LEU:HG	4	0.21
(17,2215)	1:57:A:LEU:HD13	1:60:A:LEU:HG	4	0.21
(17,2215)	1:57:A:LEU:HD21	1:60:A:LEU:HG	4	0.21
(17,2215)	1:57:A:LEU:HD22	1:60:A:LEU:HG	4	0.21
(17,2215)	1:57:A:LEU:HD23	1:60:A:LEU:HG	4	0.21
(17,2203)	1:54:A:ARG:HB2	1:58:A:ILE:HG21	13	0.21
(17,2203)	1:54:A:ARG:HB2	1:58:A:ILE:HG22	13	0.21
(17,2203)	1:54:A:ARG:HB2	1:58:A:ILE:HG23	13	0.21
(17,2203)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	13	0.21
(17,2203)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	13	0.21
(17,2203)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	13	0.21
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD11	9	0.21
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD12	9	0.21
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD13	9	0.21
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD21	9	0.21
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD22	9	0.21
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD23	9	0.21
(17,2092)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	19	0.21
(17,2092)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	19	0.21
(17,2092)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	19	0.21
(17,2092)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	19	0.21
(17,2092)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	19	0.21
(17,2092)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	19	0.21
(17,2078)	1:34:A:LYS:H	1:81:A:GLU:HB2	12	0.21
(17,2078)	1:34:A:LYS:H	1:81:A:GLU:HB3	12	0.21
(17,2023)	1:16:A:SER:HB2	1:43:A:MET:HE1	8	0.21
(17,2023)	1:16:A:SER:HB2	1:43:A:MET:HE2	8	0.21
(17,2023)	1:16:A:SER:HB2	1:43:A:MET:HE3	8	0.21
(17,2023)	1:16:A:SER:HB3	1:43:A:MET:HE1	8	0.21
(17,2023)	1:16:A:SER:HB3	1:43:A:MET:HE2	8	0.21
(17,2023)	1:16:A:SER:HB3	1:43:A:MET:HE3	8	0.21
(17,2013)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	7	0.21
(17,2013)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	7	0.21
(17,2013)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	7	0.21
(17,2013)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	7	0.21
(17,2013)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	7	0.21
(17,2013)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	7	0.21
(17,2013)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	7	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2013)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	7	0.21
(17,2013)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	7	0.21
(17,2013)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	7	0.21
(17,2013)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	7	0.21
(17,2013)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	7	0.21
(17,2013)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	7	0.21
(17,2013)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	7	0.21
(17,2013)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	7	0.21
(17,2013)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	7	0.21
(17,2013)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	7	0.21
(17,2013)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	7	0.21
(17,2013)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	7	0.21
(17,2013)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	7	0.21
(17,2013)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	7	0.21
(17,2013)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	7	0.21
(17,2013)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	7	0.21
(17,2013)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	7	0.21
(17,2013)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	7	0.21
(17,2013)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	7	0.21
(17,2013)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	7	0.21
(17,2013)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	7	0.21
(17,2013)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	7	0.21
(17,2013)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	7	0.21
(17,2013)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	7	0.21
(17,2013)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	7	0.21
(17,2013)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	7	0.21
(17,2013)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	7	0.21
(17,2013)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	7	0.21
(17,2013)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	7	0.21
(17,2008)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	19	0.21
(17,2008)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	19	0.21
(17,2008)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	19	0.21
(17,2008)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	19	0.21
(17,2008)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	19	0.21
(17,2008)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	19	0.21
(17,2008)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	19	0.21
(17,2008)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	19	0.21
(17,2008)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	19	0.21
(17,2008)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	19	0.21
(17,2008)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	19	0.21
(17,2008)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	19	0.21
(17,2008)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	19	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2008)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	19	0.21
(17,2008)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	19	0.21
(17,2008)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	19	0.21
(17,2008)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	19	0.21
(17,2008)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	19	0.21
(17,1931)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	14	0.21
(17,1931)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	14	0.21
(17,1879)	1:18:A:PHE:HA	1:113:A:PHE:HE1	13	0.21
(17,1879)	1:18:A:PHE:HA	1:113:A:PHE:HE2	13	0.21
(17,1872)	1:9:A:PHE:HZ	1:11:A:ILE:HA	17	0.21
(17,1858)	1:59:A:CYS:HA	1:62:A:HIS:HD2	7	0.21
(17,1858)	1:59:A:CYS:HA	1:62:A:HIS:HD2	14	0.21
(17,1855)	1:61:A:SER:H	1:62:A:HIS:HD2	5	0.21
(17,1819)	1:104:A:PHE:HE1	1:105:A:LYS:HA	7	0.21
(17,1819)	1:104:A:PHE:HE2	1:105:A:LYS:HA	7	0.21
(17,1813)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	6	0.21
(17,1813)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	6	0.21
(17,1787)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	6	0.21
(17,1787)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	6	0.21
(17,1787)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	10	0.21
(17,1787)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	10	0.21
(17,1787)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	11	0.21
(17,1787)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	11	0.21
(17,1781)	1:97:A:ASP:HA	1:105:A:LYS:HA	9	0.21
(17,1777)	1:39:A:VAL:HG21	1:41:A:LYS:H	9	0.21
(17,1777)	1:39:A:VAL:HG22	1:41:A:LYS:H	9	0.21
(17,1777)	1:39:A:VAL:HG23	1:41:A:LYS:H	9	0.21
(17,1777)	1:39:A:VAL:HG21	1:41:A:LYS:H	16	0.21
(17,1777)	1:39:A:VAL:HG22	1:41:A:LYS:H	16	0.21
(17,1777)	1:39:A:VAL:HG23	1:41:A:LYS:H	16	0.21
(17,1725)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	3	0.21
(17,1663)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	11	0.21
(17,1663)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	11	0.21
(17,1663)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	11	0.21
(17,1616)	1:119:A:LEU:H	1:121:A:VAL:HG11	10	0.21
(17,1616)	1:119:A:LEU:H	1:121:A:VAL:HG12	10	0.21
(17,1616)	1:119:A:LEU:H	1:121:A:VAL:HG13	10	0.21
(17,1574)	1:138:A:ASP:HB2	1:139:A:LEU:HD11	3	0.21
(17,1574)	1:138:A:ASP:HB2	1:139:A:LEU:HD12	3	0.21
(17,1574)	1:138:A:ASP:HB2	1:139:A:LEU:HD13	3	0.21
(17,1574)	1:138:A:ASP:HB3	1:139:A:LEU:HD11	3	0.21
(17,1574)	1:138:A:ASP:HB3	1:139:A:LEU:HD12	3	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1574)	1:138:A:ASP:HB3	1:139:A:LEU:HD13	3	0.21
(17,1556)	1:110:A:MET:H	1:110:A:MET:HE1	11	0.21
(17,1556)	1:110:A:MET:H	1:110:A:MET:HE2	11	0.21
(17,1556)	1:110:A:MET:H	1:110:A:MET:HE3	11	0.21
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD11	8	0.21
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD12	8	0.21
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD13	8	0.21
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD11	8	0.21
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD12	8	0.21
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD13	8	0.21
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD11	8	0.21
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD12	8	0.21
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD13	8	0.21
(17,1504)	1:101:A:ILE:HG21	1:115:A:ALA:HA	13	0.21
(17,1504)	1:101:A:ILE:HG22	1:115:A:ALA:HA	13	0.21
(17,1504)	1:101:A:ILE:HG23	1:115:A:ALA:HA	13	0.21
(17,1496)	1:45:A:ALA:HB1	1:49:A:LYS:HB2	14	0.21
(17,1496)	1:45:A:ALA:HB1	1:49:A:LYS:HB3	14	0.21
(17,1496)	1:45:A:ALA:HB2	1:49:A:LYS:HB2	14	0.21
(17,1496)	1:45:A:ALA:HB2	1:49:A:LYS:HB3	14	0.21
(17,1496)	1:45:A:ALA:HB3	1:49:A:LYS:HB2	14	0.21
(17,1496)	1:45:A:ALA:HB3	1:49:A:LYS:HB3	14	0.21
(17,1485)	1:45:A:ALA:HB1	1:47:A:ALA:H	1	0.21
(17,1485)	1:45:A:ALA:HB2	1:47:A:ALA:H	1	0.21
(17,1485)	1:45:A:ALA:HB3	1:47:A:ALA:H	1	0.21
(17,1448)	1:121:A:VAL:HG21	1:123:A:CYS:H	15	0.21
(17,1448)	1:121:A:VAL:HG22	1:123:A:CYS:H	15	0.21
(17,1448)	1:121:A:VAL:HG23	1:123:A:CYS:H	15	0.21
(17,1358)	1:125:A:THR:HG21	1:128:A:LEU:HB2	9	0.21
(17,1358)	1:125:A:THR:HG22	1:128:A:LEU:HB2	9	0.21
(17,1358)	1:125:A:THR:HG23	1:128:A:LEU:HB2	9	0.21
(17,1303)	1:18:A:PHE:HZ	1:60:A:LEU:HD21	13	0.21
(17,1303)	1:18:A:PHE:HZ	1:60:A:LEU:HD22	13	0.21
(17,1303)	1:18:A:PHE:HZ	1:60:A:LEU:HD23	13	0.21
(17,1296)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	14	0.21
(17,1296)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	14	0.21
(17,1296)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	14	0.21
(17,1256)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	15	0.21
(17,1256)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	15	0.21
(17,1256)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	15	0.21
(17,1256)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	15	0.21
(17,1256)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	15	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1256)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	15	0.21
(17,1256)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	15	0.21
(17,1256)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	15	0.21
(17,1256)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	15	0.21
(17,1223)	1:69:A:MET:HE1	1:110:A:MET:HA	19	0.21
(17,1223)	1:69:A:MET:HE2	1:110:A:MET:HA	19	0.21
(17,1223)	1:69:A:MET:HE3	1:110:A:MET:HA	19	0.21
(17,869)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	10	0.21
(17,869)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	10	0.21
(17,869)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	10	0.21
(17,820)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	7	0.21
(17,820)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	7	0.21
(17,820)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	7	0.21
(17,820)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	7	0.21
(17,820)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	7	0.21
(17,820)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	7	0.21
(17,820)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	7	0.21
(17,820)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	7	0.21
(17,820)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	7	0.21
(17,779)	1:101:A:ILE:HD11	1:119:A:LEU:HA	19	0.21
(17,779)	1:101:A:ILE:HD12	1:119:A:LEU:HA	19	0.21
(17,779)	1:101:A:ILE:HD13	1:119:A:LEU:HA	19	0.21
(17,758)	1:38:A:GLU:H	1:41:A:LYS:HG2	19	0.21
(17,715)	1:44:A:GLU:HG3	1:48:A:ARG:HE	10	0.21
(17,714)	1:44:A:GLU:HB2	1:48:A:ARG:HE	2	0.21
(17,714)	1:44:A:GLU:HB3	1:48:A:ARG:HE	2	0.21
(17,504)	1:70:A:LYS:HE2	1:71:A:LYS:H	19	0.21
(17,504)	1:70:A:LYS:HE3	1:71:A:LYS:H	19	0.21
(17,364)	1:70:A:LYS:H	1:73:A:ILE:HD11	8	0.21
(17,364)	1:70:A:LYS:H	1:73:A:ILE:HD12	8	0.21
(17,364)	1:70:A:LYS:H	1:73:A:ILE:HD13	8	0.21
(17,342)	1:122:A:ASP:HB2	1:123:A:CYS:H	7	0.21
(17,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	6	0.21
(17,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	6	0.21
(17,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	6	0.21
(17,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	19	0.21
(17,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	19	0.21
(17,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	19	0.21
(17,227)	1:44:A:GLU:HG3	1:48:A:ARG:H	17	0.21
(17,55)	1:11:A:ILE:HD11	1:47:A:ALA:H	7	0.21
(17,55)	1:11:A:ILE:HD12	1:47:A:ALA:H	7	0.21
(17,55)	1:11:A:ILE:HD13	1:47:A:ALA:H	7	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2443)	1:139:A:LEU:H	1:140:A:LEU:HD11	4	0.21
(16,2443)	1:139:A:LEU:H	1:140:A:LEU:HD12	4	0.21
(16,2443)	1:139:A:LEU:H	1:140:A:LEU:HD13	4	0.21
(16,2443)	1:139:A:LEU:H	1:140:A:LEU:HD21	4	0.21
(16,2443)	1:139:A:LEU:H	1:140:A:LEU:HD22	4	0.21
(16,2443)	1:139:A:LEU:H	1:140:A:LEU:HD23	4	0.21
(16,2432)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	7	0.21
(16,2432)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	7	0.21
(16,2432)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	7	0.21
(16,2432)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	7	0.21
(16,2432)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	7	0.21
(16,2432)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	7	0.21
(16,2332)	1:107:A:LEU:HD11	1:115:A:ALA:H	18	0.21
(16,2332)	1:107:A:LEU:HD12	1:115:A:ALA:H	18	0.21
(16,2332)	1:107:A:LEU:HD13	1:115:A:ALA:H	18	0.21
(16,2332)	1:107:A:LEU:HD21	1:115:A:ALA:H	18	0.21
(16,2332)	1:107:A:LEU:HD22	1:115:A:ALA:H	18	0.21
(16,2332)	1:107:A:LEU:HD23	1:115:A:ALA:H	18	0.21
(16,2312)	1:104:A:PHE:HE1	1:116:A:GLN:HG2	3	0.21
(16,2312)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	3	0.21
(16,2312)	1:104:A:PHE:HE2	1:116:A:GLN:HG2	3	0.21
(16,2312)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	3	0.21
(16,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	1	0.21
(16,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	1	0.21
(16,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	1	0.21
(16,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	1	0.21
(16,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	1	0.21
(16,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	1	0.21
(16,2254)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	10	0.21
(16,2254)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	10	0.21
(16,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.21
(16,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.21
(16,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.21
(16,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG21	2	0.21
(16,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG22	2	0.21
(16,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG23	2	0.21
(16,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.21
(16,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.21
(16,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.21
(16,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG21	2	0.21
(16,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG22	2	0.21
(16,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG23	2	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.21
(16,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.21
(16,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.21
(16,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG21	2	0.21
(16,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG22	2	0.21
(16,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG23	2	0.21
(16,2202)	1:60:A:LEU:HD11	1:120:A:CYS:HA	4	0.21
(16,2202)	1:60:A:LEU:HD12	1:120:A:CYS:HA	4	0.21
(16,2202)	1:60:A:LEU:HD13	1:120:A:CYS:HA	4	0.21
(16,2202)	1:60:A:LEU:HD21	1:120:A:CYS:HA	4	0.21
(16,2202)	1:60:A:LEU:HD22	1:120:A:CYS:HA	4	0.21
(16,2202)	1:60:A:LEU:HD23	1:120:A:CYS:HA	4	0.21
(16,2174)	1:53:A:THR:H	1:57:A:LEU:HD11	16	0.21
(16,2174)	1:53:A:THR:H	1:57:A:LEU:HD12	16	0.21
(16,2174)	1:53:A:THR:H	1:57:A:LEU:HD13	16	0.21
(16,2174)	1:53:A:THR:H	1:57:A:LEU:HD21	16	0.21
(16,2174)	1:53:A:THR:H	1:57:A:LEU:HD22	16	0.21
(16,2174)	1:53:A:THR:H	1:57:A:LEU:HD23	16	0.21
(16,2166)	1:47:A:ALA:HA	1:131:A:LEU:HD11	5	0.21
(16,2166)	1:47:A:ALA:HA	1:131:A:LEU:HD12	5	0.21
(16,2166)	1:47:A:ALA:HA	1:131:A:LEU:HD13	5	0.21
(16,2166)	1:47:A:ALA:HA	1:131:A:LEU:HD21	5	0.21
(16,2166)	1:47:A:ALA:HA	1:131:A:LEU:HD22	5	0.21
(16,2166)	1:47:A:ALA:HA	1:131:A:LEU:HD23	5	0.21
(16,2091)	1:35:A:LEU:HD11	1:143:A:TRP:HB2	16	0.21
(16,2091)	1:35:A:LEU:HD12	1:143:A:TRP:HB2	16	0.21
(16,2091)	1:35:A:LEU:HD13	1:143:A:TRP:HB2	16	0.21
(16,2091)	1:35:A:LEU:HD21	1:143:A:TRP:HB2	16	0.21
(16,2091)	1:35:A:LEU:HD22	1:143:A:TRP:HB2	16	0.21
(16,2091)	1:35:A:LEU:HD23	1:143:A:TRP:HB2	16	0.21
(16,2069)	1:32:A:GLY:HA2	1:34:A:LYS:H	13	0.21
(16,2069)	1:32:A:GLY:HA3	1:34:A:LYS:H	13	0.21
(16,2041)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	14	0.21
(16,2041)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	14	0.21
(16,2041)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	14	0.21
(16,2041)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	14	0.21
(16,2037)	1:23:A:LEU:HD11	1:25:A:ALA:H	14	0.21
(16,2037)	1:23:A:LEU:HD12	1:25:A:ALA:H	14	0.21
(16,2037)	1:23:A:LEU:HD13	1:25:A:ALA:H	14	0.21
(16,2037)	1:23:A:LEU:HD21	1:25:A:ALA:H	14	0.21
(16,2037)	1:23:A:LEU:HD22	1:25:A:ALA:H	14	0.21
(16,2037)	1:23:A:LEU:HD23	1:25:A:ALA:H	14	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	15	0.21
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	15	0.21
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	15	0.21
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	15	0.21
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	15	0.21
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	15	0.21
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	15	0.21
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	15	0.21
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	15	0.21
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	15	0.21
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	15	0.21
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	15	0.21
(16,1985)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	19	0.21
(16,1985)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	19	0.21
(16,1985)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	19	0.21
(16,1985)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	19	0.21
(16,1985)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	19	0.21
(16,1985)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	19	0.21
(16,1984)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	4	0.21
(16,1984)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	4	0.21
(16,1984)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	4	0.21
(16,1984)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	4	0.21
(16,1984)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	4	0.21
(16,1984)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	4	0.21
(16,1984)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	4	0.21
(16,1984)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	4	0.21
(16,1984)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	4	0.21
(16,1984)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	4	0.21
(16,1984)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	4	0.21
(16,1984)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	4	0.21
(16,1916)	1:9:A:PHE:HD1	1:57:A:LEU:HD11	11	0.21
(16,1916)	1:9:A:PHE:HD1	1:57:A:LEU:HD12	11	0.21
(16,1916)	1:9:A:PHE:HD1	1:57:A:LEU:HD13	11	0.21
(16,1916)	1:9:A:PHE:HD1	1:57:A:LEU:HD21	11	0.21
(16,1916)	1:9:A:PHE:HD1	1:57:A:LEU:HD22	11	0.21
(16,1916)	1:9:A:PHE:HD1	1:57:A:LEU:HD23	11	0.21
(16,1916)	1:9:A:PHE:HD2	1:57:A:LEU:HD11	11	0.21
(16,1916)	1:9:A:PHE:HD2	1:57:A:LEU:HD12	11	0.21
(16,1916)	1:9:A:PHE:HD2	1:57:A:LEU:HD13	11	0.21
(16,1916)	1:9:A:PHE:HD2	1:57:A:LEU:HD21	11	0.21
(16,1916)	1:9:A:PHE:HD2	1:57:A:LEU:HD22	11	0.21
(16,1916)	1:9:A:PHE:HD2	1:57:A:LEU:HD23	11	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1910)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	13	0.21
(16,1910)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	13	0.21
(16,1910)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	13	0.21
(16,1910)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	13	0.21
(16,1910)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	13	0.21
(16,1910)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	13	0.21
(16,1871)	1:104:A:PHE:HE1	1:113:A:PHE:HA	19	0.21
(16,1871)	1:104:A:PHE:HE2	1:113:A:PHE:HA	19	0.21
(16,1800)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	18	0.21
(16,1800)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	18	0.21
(16,1800)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	18	0.21
(16,1800)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	18	0.21
(16,1800)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	18	0.21
(16,1800)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	18	0.21
(16,1798)	1:101:A:ILE:HB	1:104:A:PHE:HD1	19	0.21
(16,1798)	1:101:A:ILE:HB	1:104:A:PHE:HD2	19	0.21
(16,1755)	1:39:A:VAL:HG21	1:41:A:LYS:H	9	0.21
(16,1755)	1:39:A:VAL:HG22	1:41:A:LYS:H	9	0.21
(16,1755)	1:39:A:VAL:HG23	1:41:A:LYS:H	9	0.21
(16,1755)	1:39:A:VAL:HG21	1:41:A:LYS:H	16	0.21
(16,1755)	1:39:A:VAL:HG22	1:41:A:LYS:H	16	0.21
(16,1755)	1:39:A:VAL:HG23	1:41:A:LYS:H	16	0.21
(16,1701)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	3	0.21
(16,1678)	1:69:A:MET:HA	1:109:A:PRO:HA	19	0.21
(16,1641)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	11	0.21
(16,1641)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	11	0.21
(16,1641)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	11	0.21
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG21	6	0.21
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG22	6	0.21
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG23	6	0.21
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	15	0.21
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	15	0.21
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	15	0.21
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	15	0.21
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	15	0.21
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	15	0.21
(16,1567)	1:101:A:ILE:HD11	1:112:A:GLN:HA	8	0.21
(16,1567)	1:101:A:ILE:HD12	1:112:A:GLN:HA	8	0.21
(16,1567)	1:101:A:ILE:HD13	1:112:A:GLN:HA	8	0.21
(16,1564)	1:63:A:ILE:HD11	1:113:A:PHE:HA	2	0.21
(16,1564)	1:63:A:ILE:HD12	1:113:A:PHE:HA	2	0.21
(16,1564)	1:63:A:ILE:HD13	1:113:A:PHE:HA	2	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1535)	1:110:A:MET:H	1:110:A:MET:HE1	11	0.21
(16,1535)	1:110:A:MET:H	1:110:A:MET:HE2	11	0.21
(16,1535)	1:110:A:MET:H	1:110:A:MET:HE3	11	0.21
(16,1525)	1:69:A:MET:HE1	1:113:A:PHE:HB3	8	0.21
(16,1525)	1:69:A:MET:HE2	1:113:A:PHE:HB3	8	0.21
(16,1525)	1:69:A:MET:HE3	1:113:A:PHE:HB3	8	0.21
(16,1446)	1:50:A:ALA:HB1	1:130:A:GLY:H	9	0.21
(16,1446)	1:50:A:ALA:HB2	1:130:A:GLY:H	9	0.21
(16,1446)	1:50:A:ALA:HB3	1:130:A:GLY:H	9	0.21
(16,1429)	1:121:A:VAL:HG21	1:123:A:CYS:H	15	0.21
(16,1429)	1:121:A:VAL:HG22	1:123:A:CYS:H	15	0.21
(16,1429)	1:121:A:VAL:HG23	1:123:A:CYS:H	15	0.21
(16,1359)	1:39:A:VAL:HG11	1:143:A:TRP:H	9	0.21
(16,1359)	1:39:A:VAL:HG12	1:143:A:TRP:H	9	0.21
(16,1359)	1:39:A:VAL:HG13	1:143:A:TRP:H	9	0.21
(16,1359)	1:39:A:VAL:HG11	1:143:A:TRP:H	19	0.21
(16,1359)	1:39:A:VAL:HG12	1:143:A:TRP:H	19	0.21
(16,1359)	1:39:A:VAL:HG13	1:143:A:TRP:H	19	0.21
(16,1344)	1:103:A:ARG:HG2	1:106:A:ASP:HA	8	0.21
(16,1344)	1:103:A:ARG:HG3	1:106:A:ASP:HA	8	0.21
(16,1302)	1:66:A:THR:HG21	1:96:A:VAL:HA	3	0.21
(16,1302)	1:66:A:THR:HG22	1:96:A:VAL:HA	3	0.21
(16,1302)	1:66:A:THR:HG23	1:96:A:VAL:HA	3	0.21
(16,1302)	1:66:A:THR:HG21	1:96:A:VAL:HA	12	0.21
(16,1302)	1:66:A:THR:HG22	1:96:A:VAL:HA	12	0.21
(16,1302)	1:66:A:THR:HG23	1:96:A:VAL:HA	12	0.21
(16,1288)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	14	0.21
(16,1288)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	14	0.21
(16,1288)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	14	0.21
(16,1270)	1:113:A:PHE:HE1	1:117:A:VAL:HG11	14	0.21
(16,1270)	1:113:A:PHE:HE1	1:117:A:VAL:HG12	14	0.21
(16,1270)	1:113:A:PHE:HE1	1:117:A:VAL:HG13	14	0.21
(16,1270)	1:113:A:PHE:HE2	1:117:A:VAL:HG11	14	0.21
(16,1270)	1:113:A:PHE:HE2	1:117:A:VAL:HG12	14	0.21
(16,1270)	1:113:A:PHE:HE2	1:117:A:VAL:HG13	14	0.21
(16,1220)	1:69:A:MET:HE1	1:110:A:MET:HA	19	0.21
(16,1220)	1:69:A:MET:HE2	1:110:A:MET:HA	19	0.21
(16,1220)	1:69:A:MET:HE3	1:110:A:MET:HA	19	0.21
(16,989)	1:67:A:PRO:HA	1:70:A:LYS:HB2	1	0.21
(16,989)	1:67:A:PRO:HA	1:70:A:LYS:HB3	1	0.21
(16,944)	1:35:A:LEU:HB2	1:81:A:GLU:HG2	15	0.21
(16,944)	1:35:A:LEU:HB2	1:81:A:GLU:HG3	15	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,937)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	4	0.21
(16,937)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	4	0.21
(16,867)	1:8:A:ASP:H	1:8:A:ASP:HB3	7	0.21
(16,807)	1:58:A:ILE:HD11	1:59:A:CYS:H	1	0.21
(16,807)	1:58:A:ILE:HD12	1:59:A:CYS:H	1	0.21
(16,807)	1:58:A:ILE:HD13	1:59:A:CYS:H	1	0.21
(16,807)	1:58:A:ILE:HD11	1:59:A:CYS:H	7	0.21
(16,807)	1:58:A:ILE:HD12	1:59:A:CYS:H	7	0.21
(16,807)	1:58:A:ILE:HD13	1:59:A:CYS:H	7	0.21
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE1	4	0.21
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE2	4	0.21
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE3	4	0.21
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE1	4	0.21
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE2	4	0.21
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE3	4	0.21
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE1	4	0.21
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE2	4	0.21
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE3	4	0.21
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE1	10	0.21
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE2	10	0.21
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE3	10	0.21
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE1	10	0.21
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE2	10	0.21
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE3	10	0.21
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE1	10	0.21
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE2	10	0.21
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE3	10	0.21
(16,793)	1:63:A:ILE:HD11	1:64:A:LYS:H	1	0.21
(16,793)	1:63:A:ILE:HD12	1:64:A:LYS:H	1	0.21
(16,793)	1:63:A:ILE:HD13	1:64:A:LYS:H	1	0.21
(16,769)	1:53:A:THR:H	1:53:A:THR:HG21	15	0.21
(16,769)	1:53:A:THR:H	1:53:A:THR:HG22	15	0.21
(16,769)	1:53:A:THR:H	1:53:A:THR:HG23	15	0.21
(16,727)	1:63:A:ILE:HG12	1:116:A:GLN:HE22	10	0.21
(16,681)	1:120:A:CYS:H	1:121:A:VAL:HG11	4	0.21
(16,681)	1:120:A:CYS:H	1:121:A:VAL:HG12	4	0.21
(16,681)	1:120:A:CYS:H	1:121:A:VAL:HG13	4	0.21
(16,587)	1:126:A:GLY:H	1:128:A:LEU:HG	10	0.21
(16,587)	1:126:A:GLY:H	1:128:A:LEU:HG	14	0.21
(16,352)	1:122:A:ASP:HB2	1:123:A:CYS:H	7	0.21
(16,294)	1:50:A:ALA:HB1	1:52:A:CYS:H	6	0.21
(16,294)	1:50:A:ALA:HB2	1:52:A:CYS:H	6	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,294)	1:50:A:ALA:HB3	1:52:A:CYS:H	6	0.21
(16,294)	1:50:A:ALA:HB1	1:52:A:CYS:H	19	0.21
(16,294)	1:50:A:ALA:HB2	1:52:A:CYS:H	19	0.21
(16,294)	1:50:A:ALA:HB3	1:52:A:CYS:H	19	0.21
(16,221)	1:108:A:GLU:H	1:111:A:GLU:HG3	13	0.21
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD11	8	0.21
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD12	8	0.21
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD13	8	0.21
(16,90)	1:96:A:VAL:H	1:97:A:ASP:H	7	0.21
(16,90)	1:96:A:VAL:H	1:97:A:ASP:H	13	0.21
(16,69)	1:29:A:LYS:H	1:30:A:LEU:H	15	0.21
(16,12)	1:64:A:LYS:H	1:64:A:LYS:HE2	18	0.21
(16,12)	1:64:A:LYS:H	1:64:A:LYS:HE3	18	0.21
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB2	19	0.21
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB3	19	0.21
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB2	19	0.21
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB3	19	0.21
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB2	19	0.21
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB3	19	0.21
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB2	19	0.21
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB3	19	0.21
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB2	19	0.21
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB3	19	0.21
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB2	19	0.21
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB3	19	0.21
(15,2279)	1:96:A:VAL:HG11	1:116:A:GLN:HG2	4	0.21
(15,2279)	1:96:A:VAL:HG12	1:116:A:GLN:HG2	4	0.21
(15,2279)	1:96:A:VAL:HG13	1:116:A:GLN:HG2	4	0.21
(15,2279)	1:96:A:VAL:HG21	1:116:A:GLN:HG2	4	0.21
(15,2279)	1:96:A:VAL:HG22	1:116:A:GLN:HG2	4	0.21
(15,2279)	1:96:A:VAL:HG23	1:116:A:GLN:HG2	4	0.21
(15,2264)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	3	0.21
(15,2264)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	3	0.21
(15,2263)	1:79:A:THR:HG21	1:81:A:GLU:HB2	13	0.21
(15,2263)	1:79:A:THR:HG21	1:81:A:GLU:HB3	13	0.21
(15,2263)	1:79:A:THR:HG22	1:81:A:GLU:HB2	13	0.21
(15,2263)	1:79:A:THR:HG22	1:81:A:GLU:HB3	13	0.21
(15,2263)	1:79:A:THR:HG23	1:81:A:GLU:HB2	13	0.21
(15,2263)	1:79:A:THR:HG23	1:81:A:GLU:HB3	13	0.21
(15,2218)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	9	0.21
(15,2218)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	9	0.21
(15,2216)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2216)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.21
(15,2216)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.21
(15,2216)	1:66:A:THR:HG21	1:96:A:VAL:HG21	2	0.21
(15,2216)	1:66:A:THR:HG21	1:96:A:VAL:HG22	2	0.21
(15,2216)	1:66:A:THR:HG21	1:96:A:VAL:HG23	2	0.21
(15,2216)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.21
(15,2216)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.21
(15,2216)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.21
(15,2216)	1:66:A:THR:HG22	1:96:A:VAL:HG21	2	0.21
(15,2216)	1:66:A:THR:HG22	1:96:A:VAL:HG22	2	0.21
(15,2216)	1:66:A:THR:HG22	1:96:A:VAL:HG23	2	0.21
(15,2216)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.21
(15,2216)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.21
(15,2216)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.21
(15,2216)	1:66:A:THR:HG23	1:96:A:VAL:HG21	2	0.21
(15,2216)	1:66:A:THR:HG23	1:96:A:VAL:HG22	2	0.21
(15,2216)	1:66:A:THR:HG23	1:96:A:VAL:HG23	2	0.21
(15,2175)	1:57:A:LEU:HD11	1:60:A:LEU:HG	4	0.21
(15,2175)	1:57:A:LEU:HD12	1:60:A:LEU:HG	4	0.21
(15,2175)	1:57:A:LEU:HD13	1:60:A:LEU:HG	4	0.21
(15,2175)	1:57:A:LEU:HD21	1:60:A:LEU:HG	4	0.21
(15,2175)	1:57:A:LEU:HD22	1:60:A:LEU:HG	4	0.21
(15,2175)	1:57:A:LEU:HD23	1:60:A:LEU:HG	4	0.21
(15,2156)	1:54:A:ARG:HB2	1:58:A:ILE:HG21	13	0.21
(15,2156)	1:54:A:ARG:HB2	1:58:A:ILE:HG22	13	0.21
(15,2156)	1:54:A:ARG:HB2	1:58:A:ILE:HG23	13	0.21
(15,2156)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	13	0.21
(15,2156)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	13	0.21
(15,2156)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	13	0.21
(15,1972)	1:15:A:ALA:H	1:131:A:LEU:HD11	8	0.21
(15,1972)	1:15:A:ALA:H	1:131:A:LEU:HD12	8	0.21
(15,1972)	1:15:A:ALA:H	1:131:A:LEU:HD13	8	0.21
(15,1972)	1:15:A:ALA:H	1:131:A:LEU:HD21	8	0.21
(15,1972)	1:15:A:ALA:H	1:131:A:LEU:HD22	8	0.21
(15,1972)	1:15:A:ALA:H	1:131:A:LEU:HD23	8	0.21
(15,1923)	1:10:A:ASN:HB2	1:13:A:ALA:HB1	1	0.21
(15,1923)	1:10:A:ASN:HB2	1:13:A:ALA:HB2	1	0.21
(15,1923)	1:10:A:ASN:HB2	1:13:A:ALA:HB3	1	0.21
(15,1923)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	1	0.21
(15,1923)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	1	0.21
(15,1923)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	1	0.21
(15,1910)	1:9:A:PHE:HD1	1:57:A:LEU:HD11	11	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1910)	1:9:A:PHE:HD1	1:57:A:LEU:HD12	11	0.21
(15,1910)	1:9:A:PHE:HD1	1:57:A:LEU:HD13	11	0.21
(15,1910)	1:9:A:PHE:HD1	1:57:A:LEU:HD21	11	0.21
(15,1910)	1:9:A:PHE:HD1	1:57:A:LEU:HD22	11	0.21
(15,1910)	1:9:A:PHE:HD1	1:57:A:LEU:HD23	11	0.21
(15,1910)	1:9:A:PHE:HD2	1:57:A:LEU:HD11	11	0.21
(15,1910)	1:9:A:PHE:HD2	1:57:A:LEU:HD12	11	0.21
(15,1910)	1:9:A:PHE:HD2	1:57:A:LEU:HD13	11	0.21
(15,1910)	1:9:A:PHE:HD2	1:57:A:LEU:HD21	11	0.21
(15,1910)	1:9:A:PHE:HD2	1:57:A:LEU:HD22	11	0.21
(15,1910)	1:9:A:PHE:HD2	1:57:A:LEU:HD23	11	0.21
(15,1891)	1:58:A:ILE:HA	1:62:A:HIS:HE1	3	0.21
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	3	0.21
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	3	0.21
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	3	0.21
(15,1859)	1:14:A:VAL:HA	1:18:A:PHE:HD1	9	0.21
(15,1859)	1:14:A:VAL:HA	1:18:A:PHE:HD2	9	0.21
(15,1846)	1:18:A:PHE:HA	1:113:A:PHE:HE1	13	0.21
(15,1846)	1:18:A:PHE:HA	1:113:A:PHE:HE2	13	0.21
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE1	6	0.21
(15,1829)	1:33:A:LYS:HA	1:80:A:TYR:HE2	6	0.21
(15,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	18	0.21
(15,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	18	0.21
(15,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	18	0.21
(15,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	18	0.21
(15,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	18	0.21
(15,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	18	0.21
(15,1792)	1:101:A:ILE:HB	1:104:A:PHE:HD1	19	0.21
(15,1792)	1:101:A:ILE:HB	1:104:A:PHE:HD2	19	0.21
(15,1791)	1:104:A:PHE:HE1	1:105:A:LYS:HA	7	0.21
(15,1791)	1:104:A:PHE:HE2	1:105:A:LYS:HA	7	0.21
(15,1724)	1:18:A:PHE:HB3	1:132:A:ALA:HA	7	0.21
(15,1724)	1:18:A:PHE:HB2	1:132:A:ALA:HA	7	0.21
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG21	8	0.21
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG22	8	0.21
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG23	8	0.21
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG21	8	0.21
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG22	8	0.21
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG23	8	0.21
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG21	8	0.21
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG22	8	0.21
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG23	8	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1680)	1:69:A:MET:HA	1:109:A:PRO:HA	19	0.21
(15,1643)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	11	0.21
(15,1643)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	11	0.21
(15,1643)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	11	0.21
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD2	1	0.21
(15,1641)	1:102:A:PRO:HA	1:105:A:LYS:HD3	1	0.21
(15,1593)	1:119:A:LEU:H	1:121:A:VAL:HG11	10	0.21
(15,1593)	1:119:A:LEU:H	1:121:A:VAL:HG12	10	0.21
(15,1593)	1:119:A:LEU:H	1:121:A:VAL:HG13	10	0.21
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	15	0.21
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	15	0.21
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	15	0.21
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	15	0.21
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	15	0.21
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	15	0.21
(15,1561)	1:11:A:ILE:HD11	1:12:A:VAL:H	14	0.21
(15,1561)	1:11:A:ILE:HD12	1:12:A:VAL:H	14	0.21
(15,1561)	1:11:A:ILE:HD13	1:12:A:VAL:H	14	0.21
(15,1509)	1:69:A:MET:HE1	1:115:A:ALA:H	17	0.21
(15,1509)	1:69:A:MET:HE2	1:115:A:ALA:H	17	0.21
(15,1509)	1:69:A:MET:HE3	1:115:A:ALA:H	17	0.21
(15,1484)	1:114:A:ILE:HG21	1:117:A:VAL:H	3	0.21
(15,1484)	1:114:A:ILE:HG22	1:117:A:VAL:H	3	0.21
(15,1484)	1:114:A:ILE:HG23	1:117:A:VAL:H	3	0.21
(15,1454)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	8	0.21
(15,1454)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	8	0.21
(15,1454)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	8	0.21
(15,1454)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	8	0.21
(15,1454)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	8	0.21
(15,1454)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	8	0.21
(15,1454)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	8	0.21
(15,1454)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	8	0.21
(15,1454)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	8	0.21
(15,1424)	1:69:A:MET:HE1	1:73:A:ILE:HG21	9	0.21
(15,1424)	1:69:A:MET:HE1	1:73:A:ILE:HG22	9	0.21
(15,1424)	1:69:A:MET:HE1	1:73:A:ILE:HG23	9	0.21
(15,1424)	1:69:A:MET:HE2	1:73:A:ILE:HG21	9	0.21
(15,1424)	1:69:A:MET:HE2	1:73:A:ILE:HG22	9	0.21
(15,1424)	1:69:A:MET:HE2	1:73:A:ILE:HG23	9	0.21
(15,1424)	1:69:A:MET:HE3	1:73:A:ILE:HG21	9	0.21
(15,1424)	1:69:A:MET:HE3	1:73:A:ILE:HG22	9	0.21
(15,1424)	1:69:A:MET:HE3	1:73:A:ILE:HG23	9	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1407)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	3	0.21
(15,1407)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	3	0.21
(15,1407)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	3	0.21
(15,1407)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	3	0.21
(15,1407)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	3	0.21
(15,1407)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	3	0.21
(15,1345)	1:125:A:THR:HG21	1:128:A:LEU:HB2	9	0.21
(15,1345)	1:125:A:THR:HG22	1:128:A:LEU:HB2	9	0.21
(15,1345)	1:125:A:THR:HG23	1:128:A:LEU:HB2	9	0.21
(15,1287)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	14	0.21
(15,1287)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	14	0.21
(15,1287)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	14	0.21
(15,1244)	1:12:A:VAL:H	1:40:A:LEU:HD11	17	0.21
(15,1244)	1:12:A:VAL:H	1:40:A:LEU:HD12	17	0.21
(15,1244)	1:12:A:VAL:H	1:40:A:LEU:HD13	17	0.21
(15,1221)	1:110:A:MET:HA	1:113:A:PHE:HB2	14	0.21
(15,1221)	1:110:A:MET:HA	1:113:A:PHE:HB2	18	0.21
(15,1191)	1:107:A:LEU:H	1:107:A:LEU:HD21	17	0.21
(15,1191)	1:107:A:LEU:H	1:107:A:LEU:HD22	17	0.21
(15,1191)	1:107:A:LEU:H	1:107:A:LEU:HD23	17	0.21
(15,1126)	1:50:A:ALA:HB1	1:127:A:CYS:HA	5	0.21
(15,1126)	1:50:A:ALA:HB2	1:127:A:CYS:HA	5	0.21
(15,1126)	1:50:A:ALA:HB3	1:127:A:CYS:HA	5	0.21
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD11	15	0.21
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD12	15	0.21
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD13	15	0.21
(15,1035)	1:63:A:ILE:HG12	1:116:A:GLN:HG3	11	0.21
(15,940)	1:67:A:PRO:HA	1:70:A:LYS:HB2	9	0.21
(15,940)	1:67:A:PRO:HA	1:70:A:LYS:HB3	9	0.21
(15,925)	1:81:A:GLU:HA	1:81:A:GLU:HG2	2	0.21
(15,925)	1:81:A:GLU:HA	1:81:A:GLU:HG3	2	0.21
(15,925)	1:81:A:GLU:HA	1:81:A:GLU:HG2	3	0.21
(15,925)	1:81:A:GLU:HA	1:81:A:GLU:HG3	3	0.21
(15,925)	1:81:A:GLU:HA	1:81:A:GLU:HG2	14	0.21
(15,925)	1:81:A:GLU:HA	1:81:A:GLU:HG3	14	0.21
(15,921)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	4	0.21
(15,921)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	4	0.21
(15,894)	1:69:A:MET:HE1	1:73:A:ILE:HB	9	0.21
(15,894)	1:69:A:MET:HE2	1:73:A:ILE:HB	9	0.21
(15,894)	1:69:A:MET:HE3	1:73:A:ILE:HB	9	0.21
(15,883)	1:151:A:PHE:H	1:151:A:PHE:HB3	14	0.21
(15,864)	1:35:A:LEU:HB3	1:39:A:VAL:HB	18	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,860)	1:8:A:ASP:H	1:8:A:ASP:HB3	7	0.21
(15,840)	1:45:A:ALA:HA	1:48:A:ARG:HD2	14	0.21
(15,840)	1:45:A:ALA:HA	1:48:A:ARG:HD3	14	0.21
(15,836)	1:110:A:MET:HG2	1:114:A:ILE:HD11	16	0.21
(15,836)	1:110:A:MET:HG2	1:114:A:ILE:HD12	16	0.21
(15,836)	1:110:A:MET:HG2	1:114:A:ILE:HD13	16	0.21
(15,836)	1:110:A:MET:HG3	1:114:A:ILE:HD11	16	0.21
(15,836)	1:110:A:MET:HG3	1:114:A:ILE:HD12	16	0.21
(15,836)	1:110:A:MET:HG3	1:114:A:ILE:HD13	16	0.21
(15,777)	1:73:A:ILE:HD11	1:113:A:PHE:HA	8	0.21
(15,777)	1:73:A:ILE:HD12	1:113:A:PHE:HA	8	0.21
(15,777)	1:73:A:ILE:HD13	1:113:A:PHE:HA	8	0.21
(15,776)	1:73:A:ILE:HD11	1:113:A:PHE:HD1	8	0.21
(15,776)	1:73:A:ILE:HD11	1:113:A:PHE:HD2	8	0.21
(15,776)	1:73:A:ILE:HD12	1:113:A:PHE:HD1	8	0.21
(15,776)	1:73:A:ILE:HD12	1:113:A:PHE:HD2	8	0.21
(15,776)	1:73:A:ILE:HD13	1:113:A:PHE:HD1	8	0.21
(15,776)	1:73:A:ILE:HD13	1:113:A:PHE:HD2	8	0.21
(15,763)	1:37:A:LEU:H	1:40:A:LEU:HB2	7	0.21
(15,596)	1:75:A:GLY:H	1:76:A:ARG:HG2	2	0.21
(15,596)	1:75:A:GLY:H	1:76:A:ARG:HG3	2	0.21
(15,594)	1:75:A:GLY:H	1:77:A:CYS:HB3	11	0.21
(15,294)	1:50:A:ALA:HB1	1:52:A:CYS:H	6	0.21
(15,294)	1:50:A:ALA:HB2	1:52:A:CYS:H	6	0.21
(15,294)	1:50:A:ALA:HB3	1:52:A:CYS:H	6	0.21
(15,294)	1:50:A:ALA:HB1	1:52:A:CYS:H	19	0.21
(15,294)	1:50:A:ALA:HB2	1:52:A:CYS:H	19	0.21
(15,294)	1:50:A:ALA:HB3	1:52:A:CYS:H	19	0.21
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB1	15	0.21
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB2	15	0.21
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB3	15	0.21
(15,76)	1:29:A:LYS:H	1:30:A:LEU:H	15	0.21
(15,16)	1:64:A:LYS:H	1:64:A:LYS:HD2	17	0.21
(15,16)	1:64:A:LYS:H	1:64:A:LYS:HD3	17	0.21
(13,2313)	1:107:A:LEU:HD11	1:115:A:ALA:H	18	0.21
(13,2313)	1:107:A:LEU:HD12	1:115:A:ALA:H	18	0.21
(13,2313)	1:107:A:LEU:HD13	1:115:A:ALA:H	18	0.21
(13,2313)	1:107:A:LEU:HD21	1:115:A:ALA:H	18	0.21
(13,2313)	1:107:A:LEU:HD22	1:115:A:ALA:H	18	0.21
(13,2313)	1:107:A:LEU:HD23	1:115:A:ALA:H	18	0.21
(13,2310)	1:107:A:LEU:HD11	1:112:A:GLN:H	6	0.21
(13,2310)	1:107:A:LEU:HD12	1:112:A:GLN:H	6	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2310)	1:107:A:LEU:HD13	1:112:A:GLN:H	6	0.21
(13,2310)	1:107:A:LEU:HD21	1:112:A:GLN:H	6	0.21
(13,2310)	1:107:A:LEU:HD22	1:112:A:GLN:H	6	0.21
(13,2310)	1:107:A:LEU:HD23	1:112:A:GLN:H	6	0.21
(13,2305)	1:107:A:LEU:HA	1:108:A:GLU:HG2	6	0.21
(13,2305)	1:107:A:LEU:HA	1:108:A:GLU:HG3	6	0.21
(13,2295)	1:104:A:PHE:HE1	1:116:A:GLN:HG2	3	0.21
(13,2295)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	3	0.21
(13,2295)	1:104:A:PHE:HE2	1:116:A:GLN:HG2	3	0.21
(13,2295)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	3	0.21
(13,2206)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	9	0.21
(13,2206)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	9	0.21
(13,2204)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.21
(13,2204)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.21
(13,2204)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.21
(13,2204)	1:66:A:THR:HG21	1:96:A:VAL:HG21	2	0.21
(13,2204)	1:66:A:THR:HG21	1:96:A:VAL:HG22	2	0.21
(13,2204)	1:66:A:THR:HG21	1:96:A:VAL:HG23	2	0.21
(13,2204)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.21
(13,2204)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.21
(13,2204)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.21
(13,2204)	1:66:A:THR:HG22	1:96:A:VAL:HG21	2	0.21
(13,2204)	1:66:A:THR:HG22	1:96:A:VAL:HG22	2	0.21
(13,2204)	1:66:A:THR:HG22	1:96:A:VAL:HG23	2	0.21
(13,2204)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.21
(13,2204)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.21
(13,2204)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.21
(13,2204)	1:66:A:THR:HG23	1:96:A:VAL:HG21	2	0.21
(13,2204)	1:66:A:THR:HG23	1:96:A:VAL:HG22	2	0.21
(13,2204)	1:66:A:THR:HG23	1:96:A:VAL:HG23	2	0.21
(13,2169)	1:60:A:LEU:HD11	1:120:A:CYS:HA	4	0.21
(13,2169)	1:60:A:LEU:HD12	1:120:A:CYS:HA	4	0.21
(13,2169)	1:60:A:LEU:HD13	1:120:A:CYS:HA	4	0.21
(13,2169)	1:60:A:LEU:HD21	1:120:A:CYS:HA	4	0.21
(13,2169)	1:60:A:LEU:HD22	1:120:A:CYS:HA	4	0.21
(13,2169)	1:60:A:LEU:HD23	1:120:A:CYS:HA	4	0.21
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD11	15	0.21
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD12	15	0.21
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD13	15	0.21
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD21	15	0.21
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD22	15	0.21
(13,2163)	1:59:A:CYS:HA	1:60:A:LEU:HD23	15	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2158)	1:57:A:LEU:HD11	1:60:A:LEU:HG	4	0.21
(13,2158)	1:57:A:LEU:HD12	1:60:A:LEU:HG	4	0.21
(13,2158)	1:57:A:LEU:HD13	1:60:A:LEU:HG	4	0.21
(13,2158)	1:57:A:LEU:HD21	1:60:A:LEU:HG	4	0.21
(13,2158)	1:57:A:LEU:HD22	1:60:A:LEU:HG	4	0.21
(13,2158)	1:57:A:LEU:HD23	1:60:A:LEU:HG	4	0.21
(13,2140)	1:54:A:ARG:HB2	1:58:A:ILE:HG21	13	0.21
(13,2140)	1:54:A:ARG:HB2	1:58:A:ILE:HG22	13	0.21
(13,2140)	1:54:A:ARG:HB2	1:58:A:ILE:HG23	13	0.21
(13,2140)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	13	0.21
(13,2140)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	13	0.21
(13,2140)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	13	0.21
(13,2133)	1:53:A:THR:H	1:57:A:LEU:HD11	16	0.21
(13,2133)	1:53:A:THR:H	1:57:A:LEU:HD12	16	0.21
(13,2133)	1:53:A:THR:H	1:57:A:LEU:HD13	16	0.21
(13,2133)	1:53:A:THR:H	1:57:A:LEU:HD21	16	0.21
(13,2133)	1:53:A:THR:H	1:57:A:LEU:HD22	16	0.21
(13,2133)	1:53:A:THR:H	1:57:A:LEU:HD23	16	0.21
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG11	14	0.21
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG12	14	0.21
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG13	14	0.21
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG21	14	0.21
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG22	14	0.21
(13,2124)	1:47:A:ALA:HA	1:134:A:VAL:HG23	14	0.21
(13,1975)	1:17:A:ASN:HB2	1:18:A:PHE:HD1	14	0.21
(13,1975)	1:17:A:ASN:HB2	1:18:A:PHE:HD2	14	0.21
(13,1975)	1:17:A:ASN:HB3	1:18:A:PHE:HD1	14	0.21
(13,1975)	1:17:A:ASN:HB3	1:18:A:PHE:HD2	14	0.21
(13,1972)	1:16:A:SER:HB2	1:43:A:MET:HE1	19	0.21
(13,1972)	1:16:A:SER:HB2	1:43:A:MET:HE2	19	0.21
(13,1972)	1:16:A:SER:HB2	1:43:A:MET:HE3	19	0.21
(13,1972)	1:16:A:SER:HB3	1:43:A:MET:HE1	19	0.21
(13,1972)	1:16:A:SER:HB3	1:43:A:MET:HE2	19	0.21
(13,1972)	1:16:A:SER:HB3	1:43:A:MET:HE3	19	0.21
(13,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	4	0.21
(13,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	4	0.21
(13,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	4	0.21
(13,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD21	4	0.21
(13,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD22	4	0.21
(13,1958)	1:14:A:VAL:HG11	1:60:A:LEU:HD23	4	0.21
(13,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	4	0.21
(13,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	4	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	4	0.21
(13,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD21	4	0.21
(13,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD22	4	0.21
(13,1958)	1:14:A:VAL:HG12	1:60:A:LEU:HD23	4	0.21
(13,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	4	0.21
(13,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	4	0.21
(13,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	4	0.21
(13,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD21	4	0.21
(13,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD22	4	0.21
(13,1958)	1:14:A:VAL:HG13	1:60:A:LEU:HD23	4	0.21
(13,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	4	0.21
(13,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	4	0.21
(13,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	4	0.21
(13,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD21	4	0.21
(13,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD22	4	0.21
(13,1958)	1:14:A:VAL:HG21	1:60:A:LEU:HD23	4	0.21
(13,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	4	0.21
(13,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	4	0.21
(13,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	4	0.21
(13,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD21	4	0.21
(13,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD22	4	0.21
(13,1958)	1:14:A:VAL:HG22	1:60:A:LEU:HD23	4	0.21
(13,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	4	0.21
(13,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	4	0.21
(13,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	4	0.21
(13,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD21	4	0.21
(13,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD22	4	0.21
(13,1958)	1:14:A:VAL:HG23	1:60:A:LEU:HD23	4	0.21
(13,1937)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	17	0.21
(13,1937)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	17	0.21
(13,1937)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	17	0.21
(13,1937)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	17	0.21
(13,1937)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	17	0.21
(13,1937)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	17	0.21
(13,1768)	1:104:A:PHE:HE1	1:105:A:LYS:HA	7	0.21
(13,1768)	1:104:A:PHE:HE2	1:105:A:LYS:HA	7	0.21
(13,1749)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	4	0.21
(13,1749)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	4	0.21
(13,1749)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	4	0.21
(13,1749)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	4	0.21
(13,1730)	1:39:A:VAL:HG21	1:41:A:LYS:H	9	0.21
(13,1730)	1:39:A:VAL:HG22	1:41:A:LYS:H	9	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1730)	1:39:A:VAL:HG23	1:41:A:LYS:H	9	0.21
(13,1730)	1:39:A:VAL:HG21	1:41:A:LYS:H	16	0.21
(13,1730)	1:39:A:VAL:HG22	1:41:A:LYS:H	16	0.21
(13,1730)	1:39:A:VAL:HG23	1:41:A:LYS:H	16	0.21
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG21	8	0.21
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG22	8	0.21
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG23	8	0.21
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG21	8	0.21
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG22	8	0.21
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG23	8	0.21
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG21	8	0.21
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG22	8	0.21
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG23	8	0.21
(13,1674)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	7	0.21
(13,1674)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	7	0.21
(13,1570)	1:119:A:LEU:H	1:121:A:VAL:HG11	10	0.21
(13,1570)	1:119:A:LEU:H	1:121:A:VAL:HG12	10	0.21
(13,1570)	1:119:A:LEU:H	1:121:A:VAL:HG13	10	0.21
(13,1551)	1:101:A:ILE:HD11	1:112:A:GLN:HA	8	0.21
(13,1551)	1:101:A:ILE:HD12	1:112:A:GLN:HA	8	0.21
(13,1551)	1:101:A:ILE:HD13	1:112:A:GLN:HA	8	0.21
(13,1539)	1:11:A:ILE:HD11	1:12:A:VAL:H	14	0.21
(13,1539)	1:11:A:ILE:HD12	1:12:A:VAL:H	14	0.21
(13,1539)	1:11:A:ILE:HD13	1:12:A:VAL:H	14	0.21
(13,1503)	1:69:A:MET:HE1	1:76:A:ARG:HG2	4	0.21
(13,1503)	1:69:A:MET:HE1	1:76:A:ARG:HG3	4	0.21
(13,1503)	1:69:A:MET:HE2	1:76:A:ARG:HG2	4	0.21
(13,1503)	1:69:A:MET:HE2	1:76:A:ARG:HG3	4	0.21
(13,1503)	1:69:A:MET:HE3	1:76:A:ARG:HG2	4	0.21
(13,1503)	1:69:A:MET:HE3	1:76:A:ARG:HG3	4	0.21
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE1	16	0.21
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE2	16	0.21
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE3	16	0.21
(13,1443)	1:45:A:ALA:HB1	1:47:A:ALA:H	1	0.21
(13,1443)	1:45:A:ALA:HB2	1:47:A:ALA:H	1	0.21
(13,1443)	1:45:A:ALA:HB3	1:47:A:ALA:H	1	0.21
(13,1400)	1:69:A:MET:HE1	1:73:A:ILE:HG21	9	0.21
(13,1400)	1:69:A:MET:HE1	1:73:A:ILE:HG22	9	0.21
(13,1400)	1:69:A:MET:HE1	1:73:A:ILE:HG23	9	0.21
(13,1400)	1:69:A:MET:HE2	1:73:A:ILE:HG21	9	0.21
(13,1400)	1:69:A:MET:HE2	1:73:A:ILE:HG22	9	0.21
(13,1400)	1:69:A:MET:HE2	1:73:A:ILE:HG23	9	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1400)	1:69:A:MET:HE3	1:73:A:ILE:HG21	9	0.21
(13,1400)	1:69:A:MET:HE3	1:73:A:ILE:HG22	9	0.21
(13,1400)	1:69:A:MET:HE3	1:73:A:ILE:HG23	9	0.21
(13,1312)	1:103:A:ARG:HG2	1:106:A:ASP:HA	8	0.21
(13,1312)	1:103:A:ARG:HG3	1:106:A:ASP:HA	8	0.21
(13,1259)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	14	0.21
(13,1259)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	14	0.21
(13,1259)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	14	0.21
(13,1110)	1:144:A:LEU:HB2	1:144:A:LEU:HD21	5	0.21
(13,1110)	1:144:A:LEU:HB2	1:144:A:LEU:HD22	5	0.21
(13,1110)	1:144:A:LEU:HB2	1:144:A:LEU:HD23	5	0.21
(13,1068)	1:45:A:ALA:HA	1:48:A:ARG:HG2	10	0.21
(13,1068)	1:45:A:ALA:HA	1:48:A:ARG:HG3	10	0.21
(13,975)	1:143:A:TRP:HB2	1:144:A:LEU:HD21	10	0.21
(13,975)	1:143:A:TRP:HB2	1:144:A:LEU:HD22	10	0.21
(13,975)	1:143:A:TRP:HB2	1:144:A:LEU:HD23	10	0.21
(13,935)	1:39:A:VAL:HA	1:43:A:MET:HG3	11	0.21
(13,906)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	4	0.21
(13,906)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	4	0.21
(13,849)	1:35:A:LEU:HB3	1:39:A:VAL:HB	18	0.21
(13,843)	1:8:A:ASP:H	1:8:A:ASP:HB3	7	0.21
(13,796)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	7	0.21
(13,796)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	7	0.21
(13,796)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	7	0.21
(13,796)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	7	0.21
(13,796)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	7	0.21
(13,796)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	7	0.21
(13,796)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	7	0.21
(13,796)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	7	0.21
(13,796)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	7	0.21
(13,748)	1:53:A:THR:H	1:53:A:THR:HG21	15	0.21
(13,748)	1:53:A:THR:H	1:53:A:THR:HG22	15	0.21
(13,748)	1:53:A:THR:H	1:53:A:THR:HG23	15	0.21
(13,156)	1:127:A:CYS:H	1:128:A:LEU:HG	14	0.21
(13,69)	1:29:A:LYS:H	1:30:A:LEU:H	15	0.21
(13,10)	1:64:A:LYS:H	1:64:A:LYS:HE2	18	0.21
(13,10)	1:64:A:LYS:H	1:64:A:LYS:HE3	18	0.21
(11,2436)	1:139:A:LEU:HD11	1:142:A:LYS:HA	10	0.21
(11,2436)	1:139:A:LEU:HD12	1:142:A:LYS:HA	10	0.21
(11,2436)	1:139:A:LEU:HD13	1:142:A:LYS:HA	10	0.21
(11,2436)	1:139:A:LEU:HD21	1:142:A:LYS:HA	10	0.21
(11,2436)	1:139:A:LEU:HD22	1:142:A:LYS:HA	10	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2436)	1:139:A:LEU:HD23	1:142:A:LYS:HA	10	0.21
(11,2417)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	8	0.21
(11,2417)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	8	0.21
(11,2417)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	8	0.21
(11,2417)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	8	0.21
(11,2417)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	8	0.21
(11,2417)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	8	0.21
(11,2417)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	8	0.21
(11,2417)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	8	0.21
(11,2417)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	8	0.21
(11,2417)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	8	0.21
(11,2417)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	8	0.21
(11,2417)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	8	0.21
(11,2371)	1:117:A:VAL:HG11	1:118:A:ASP:HB2	2	0.21
(11,2371)	1:117:A:VAL:HG11	1:118:A:ASP:HB3	2	0.21
(11,2371)	1:117:A:VAL:HG12	1:118:A:ASP:HB2	2	0.21
(11,2371)	1:117:A:VAL:HG12	1:118:A:ASP:HB3	2	0.21
(11,2371)	1:117:A:VAL:HG13	1:118:A:ASP:HB2	2	0.21
(11,2371)	1:117:A:VAL:HG13	1:118:A:ASP:HB3	2	0.21
(11,2243)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	9	0.21
(11,2243)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	9	0.21
(11,2241)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.21
(11,2241)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.21
(11,2241)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.21
(11,2241)	1:66:A:THR:HG21	1:96:A:VAL:HG21	2	0.21
(11,2241)	1:66:A:THR:HG21	1:96:A:VAL:HG22	2	0.21
(11,2241)	1:66:A:THR:HG21	1:96:A:VAL:HG23	2	0.21
(11,2241)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.21
(11,2241)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.21
(11,2241)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.21
(11,2241)	1:66:A:THR:HG22	1:96:A:VAL:HG21	2	0.21
(11,2241)	1:66:A:THR:HG22	1:96:A:VAL:HG22	2	0.21
(11,2241)	1:66:A:THR:HG22	1:96:A:VAL:HG23	2	0.21
(11,2241)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.21
(11,2241)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.21
(11,2241)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.21
(11,2241)	1:66:A:THR:HG23	1:96:A:VAL:HG21	2	0.21
(11,2241)	1:66:A:THR:HG23	1:96:A:VAL:HG22	2	0.21
(11,2241)	1:66:A:THR:HG23	1:96:A:VAL:HG23	2	0.21
(11,2225)	1:64:A:LYS:H	1:116:A:GLN:HE21	7	0.21
(11,2225)	1:64:A:LYS:H	1:116:A:GLN:HE22	7	0.21
(11,2197)	1:54:A:ARG:HB2	1:58:A:ILE:HG21	13	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2197)	1:54:A:ARG:HB2	1:58:A:ILE:HG22	13	0.21
(11,2197)	1:54:A:ARG:HB2	1:58:A:ILE:HG23	13	0.21
(11,2197)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	13	0.21
(11,2197)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	13	0.21
(11,2197)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	13	0.21
(11,2191)	1:53:A:THR:H	1:57:A:LEU:HD11	16	0.21
(11,2191)	1:53:A:THR:H	1:57:A:LEU:HD12	16	0.21
(11,2191)	1:53:A:THR:H	1:57:A:LEU:HD13	16	0.21
(11,2191)	1:53:A:THR:H	1:57:A:LEU:HD21	16	0.21
(11,2191)	1:53:A:THR:H	1:57:A:LEU:HD22	16	0.21
(11,2191)	1:53:A:THR:H	1:57:A:LEU:HD23	16	0.21
(11,2135)	1:39:A:VAL:HG11	1:144:A:LEU:H	5	0.21
(11,2135)	1:39:A:VAL:HG12	1:144:A:LEU:H	5	0.21
(11,2135)	1:39:A:VAL:HG13	1:144:A:LEU:H	5	0.21
(11,2135)	1:39:A:VAL:HG21	1:144:A:LEU:H	5	0.21
(11,2135)	1:39:A:VAL:HG22	1:144:A:LEU:H	5	0.21
(11,2135)	1:39:A:VAL:HG23	1:144:A:LEU:H	5	0.21
(11,2135)	1:39:A:VAL:HG11	1:144:A:LEU:H	11	0.21
(11,2135)	1:39:A:VAL:HG12	1:144:A:LEU:H	11	0.21
(11,2135)	1:39:A:VAL:HG13	1:144:A:LEU:H	11	0.21
(11,2135)	1:39:A:VAL:HG21	1:144:A:LEU:H	11	0.21
(11,2135)	1:39:A:VAL:HG22	1:144:A:LEU:H	11	0.21
(11,2135)	1:39:A:VAL:HG23	1:144:A:LEU:H	11	0.21
(11,2132)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	19	0.21
(11,2132)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	19	0.21
(11,2132)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	19	0.21
(11,2132)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	19	0.21
(11,2132)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	19	0.21
(11,2132)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	19	0.21
(11,2073)	1:32:A:GLY:HA2	1:34:A:LYS:H	13	0.21
(11,2073)	1:32:A:GLY:HA3	1:34:A:LYS:H	13	0.21
(11,2070)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	13	0.21
(11,2070)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	13	0.21
(11,2070)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	13	0.21
(11,2070)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	13	0.21
(11,2070)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	13	0.21
(11,2070)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	13	0.21
(11,2070)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	13	0.21
(11,2070)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	13	0.21
(11,2070)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	13	0.21
(11,2070)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	13	0.21
(11,2070)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	13	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2070)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	13	0.21
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	11	0.21
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	11	0.21
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	11	0.21
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	11	0.21
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	11	0.21
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	11	0.21
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	11	0.21
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	11	0.21
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	11	0.21
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	11	0.21
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	11	0.21
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	11	0.21
(11,2014)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	1	0.21
(11,2014)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	1	0.21
(11,2014)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	1	0.21
(11,2014)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	1	0.21
(11,2014)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	1	0.21
(11,2014)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	1	0.21
(11,2014)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	1	0.21
(11,2014)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	1	0.21
(11,2014)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	1	0.21
(11,2014)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	1	0.21
(11,2014)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	1	0.21
(11,2014)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	1	0.21
(11,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD11	11	0.21
(11,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD12	11	0.21
(11,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD13	11	0.21
(11,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD21	11	0.21
(11,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD22	11	0.21
(11,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD23	11	0.21
(11,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD11	11	0.21
(11,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD12	11	0.21
(11,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD13	11	0.21
(11,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD21	11	0.21
(11,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD22	11	0.21
(11,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD23	11	0.21
(11,1904)	1:104:A:PHE:HE1	1:113:A:PHE:HA	19	0.21
(11,1904)	1:104:A:PHE:HE2	1:113:A:PHE:HA	19	0.21
(11,1865)	1:61:A:SER:H	1:62:A:HIS:HD2	5	0.21
(11,1844)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	4	0.21
(11,1844)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	4	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1835)	1:104:A:PHE:HE1	1:105:A:LYS:HA	7	0.21
(11,1835)	1:104:A:PHE:HE2	1:105:A:LYS:HA	7	0.21
(11,1739)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	7	0.21
(11,1739)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	7	0.21
(11,1687)	1:134:A:VAL:HG21	1:137:A:SER:H	14	0.21
(11,1687)	1:134:A:VAL:HG22	1:137:A:SER:H	14	0.21
(11,1687)	1:134:A:VAL:HG23	1:137:A:SER:H	14	0.21
(11,1559)	1:110:A:MET:HE1	1:114:A:ILE:HG12	7	0.21
(11,1559)	1:110:A:MET:HE2	1:114:A:ILE:HG12	7	0.21
(11,1559)	1:110:A:MET:HE3	1:114:A:ILE:HG12	7	0.21
(11,1557)	1:110:A:MET:H	1:110:A:MET:HE1	11	0.21
(11,1557)	1:110:A:MET:H	1:110:A:MET:HE2	11	0.21
(11,1557)	1:110:A:MET:H	1:110:A:MET:HE3	11	0.21
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	18	0.21
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	18	0.21
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	18	0.21
(11,1488)	1:45:A:ALA:HB1	1:47:A:ALA:H	1	0.21
(11,1488)	1:45:A:ALA:HB2	1:47:A:ALA:H	1	0.21
(11,1488)	1:45:A:ALA:HB3	1:47:A:ALA:H	1	0.21
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG21	8	0.21
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG22	8	0.21
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG23	8	0.21
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG21	8	0.21
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG22	8	0.21
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG23	8	0.21
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG21	8	0.21
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG22	8	0.21
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG23	8	0.21
(11,1427)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	18	0.21
(11,1427)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	18	0.21
(11,1427)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	18	0.21
(11,1371)	1:113:A:PHE:HE1	1:117:A:VAL:HG11	14	0.21
(11,1371)	1:113:A:PHE:HE1	1:117:A:VAL:HG12	14	0.21
(11,1371)	1:113:A:PHE:HE1	1:117:A:VAL:HG13	14	0.21
(11,1371)	1:113:A:PHE:HE2	1:117:A:VAL:HG11	14	0.21
(11,1371)	1:113:A:PHE:HE2	1:117:A:VAL:HG12	14	0.21
(11,1371)	1:113:A:PHE:HE2	1:117:A:VAL:HG13	14	0.21
(11,1368)	1:125:A:THR:HG21	1:128:A:LEU:HB2	9	0.21
(11,1368)	1:125:A:THR:HG22	1:128:A:LEU:HB2	9	0.21
(11,1368)	1:125:A:THR:HG23	1:128:A:LEU:HB2	9	0.21
(11,1360)	1:103:A:ARG:HG2	1:106:A:ASP:HA	8	0.21
(11,1360)	1:103:A:ARG:HG3	1:106:A:ASP:HA	8	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1266)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	15	0.21
(11,1266)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	15	0.21
(11,1266)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	15	0.21
(11,1266)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	15	0.21
(11,1266)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	15	0.21
(11,1266)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	15	0.21
(11,1266)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	15	0.21
(11,1266)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	15	0.21
(11,1266)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	15	0.21
(11,1218)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	13	0.21
(11,1218)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	13	0.21
(11,1218)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	13	0.21
(11,1148)	1:144:A:LEU:HB2	1:144:A:LEU:HD21	5	0.21
(11,1148)	1:144:A:LEU:HB2	1:144:A:LEU:HD22	5	0.21
(11,1148)	1:144:A:LEU:HB2	1:144:A:LEU:HD23	5	0.21
(11,1099)	1:48:A:ARG:H	1:48:A:ARG:HG2	9	0.21
(11,1099)	1:48:A:ARG:H	1:48:A:ARG:HG3	9	0.21
(11,1039)	1:41:A:LYS:HA	1:44:A:GLU:HB2	3	0.21
(11,1039)	1:41:A:LYS:HA	1:44:A:GLU:HB3	3	0.21
(11,956)	1:40:A:LEU:HA	1:43:A:MET:HG2	19	0.21
(11,939)	1:117:A:VAL:HA	1:118:A:ASP:HA	8	0.21
(11,896)	1:73:A:ILE:HB	1:76:A:ARG:HA	9	0.21
(11,896)	1:73:A:ILE:HB	1:76:A:ARG:HA	10	0.21
(11,858)	1:8:A:ASP:H	1:8:A:ASP:HB3	7	0.21
(11,835)	1:45:A:ALA:HA	1:48:A:ARG:HD2	14	0.21
(11,835)	1:45:A:ALA:HA	1:48:A:ARG:HD3	14	0.21
(11,830)	1:110:A:MET:HG2	1:114:A:ILE:HD11	16	0.21
(11,830)	1:110:A:MET:HG2	1:114:A:ILE:HD12	16	0.21
(11,830)	1:110:A:MET:HG2	1:114:A:ILE:HD13	16	0.21
(11,830)	1:110:A:MET:HG3	1:114:A:ILE:HD11	16	0.21
(11,830)	1:110:A:MET:HG3	1:114:A:ILE:HD12	16	0.21
(11,830)	1:110:A:MET:HG3	1:114:A:ILE:HD13	16	0.21
(11,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	7	0.21
(11,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	7	0.21
(11,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	7	0.21
(11,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	7	0.21
(11,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	7	0.21
(11,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	7	0.21
(11,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	7	0.21
(11,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	7	0.21
(11,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	7	0.21
(11,673)	1:120:A:CYS:H	1:121:A:VAL:HG11	4	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,673)	1:120:A:CYS:H	1:121:A:VAL:HG12	4	0.21
(11,673)	1:120:A:CYS:H	1:121:A:VAL:HG13	4	0.21
(11,597)	1:55:A:GLY:H	1:57:A:LEU:H	4	0.21
(11,493)	1:8:A:ASP:HB2	1:9:A:PHE:H	1	0.21
(11,493)	1:8:A:ASP:HB2	1:9:A:PHE:H	11	0.21
(11,314)	1:64:A:LYS:HD2	1:65:A:CYS:H	7	0.21
(11,314)	1:64:A:LYS:HD3	1:65:A:CYS:H	7	0.21
(11,59)	1:11:A:ILE:HD11	1:47:A:ALA:H	7	0.21
(11,59)	1:11:A:ILE:HD12	1:47:A:ALA:H	7	0.21
(11,59)	1:11:A:ILE:HD13	1:47:A:ALA:H	7	0.21
(11,31)	1:35:A:LEU:H	1:35:A:LEU:HG	8	0.21
(11,17)	1:64:A:LYS:H	1:64:A:LYS:HD2	17	0.21
(11,17)	1:64:A:LYS:H	1:64:A:LYS:HD3	17	0.21
(9,2272)	1:107:A:LEU:HD11	1:112:A:GLN:H	6	0.21
(9,2272)	1:107:A:LEU:HD12	1:112:A:GLN:H	6	0.21
(9,2272)	1:107:A:LEU:HD13	1:112:A:GLN:H	6	0.21
(9,2272)	1:107:A:LEU:HD21	1:112:A:GLN:H	6	0.21
(9,2272)	1:107:A:LEU:HD22	1:112:A:GLN:H	6	0.21
(9,2272)	1:107:A:LEU:HD23	1:112:A:GLN:H	6	0.21
(9,2190)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.21
(9,2190)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.21
(9,2190)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.21
(9,2190)	1:66:A:THR:HG21	1:96:A:VAL:HG21	2	0.21
(9,2190)	1:66:A:THR:HG21	1:96:A:VAL:HG22	2	0.21
(9,2190)	1:66:A:THR:HG21	1:96:A:VAL:HG23	2	0.21
(9,2190)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.21
(9,2190)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.21
(9,2190)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.21
(9,2190)	1:66:A:THR:HG22	1:96:A:VAL:HG21	2	0.21
(9,2190)	1:66:A:THR:HG22	1:96:A:VAL:HG22	2	0.21
(9,2190)	1:66:A:THR:HG22	1:96:A:VAL:HG23	2	0.21
(9,2190)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.21
(9,2190)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.21
(9,2190)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.21
(9,2190)	1:66:A:THR:HG23	1:96:A:VAL:HG21	2	0.21
(9,2190)	1:66:A:THR:HG23	1:96:A:VAL:HG22	2	0.21
(9,2190)	1:66:A:THR:HG23	1:96:A:VAL:HG23	2	0.21
(9,2184)	1:65:A:CYS:HB2	1:70:A:LYS:H	8	0.21
(9,2184)	1:65:A:CYS:HB3	1:70:A:LYS:H	8	0.21
(9,2163)	1:60:A:LEU:HD11	1:61:A:SER:HB2	1	0.21
(9,2163)	1:60:A:LEU:HD11	1:61:A:SER:HB3	1	0.21
(9,2163)	1:60:A:LEU:HD12	1:61:A:SER:HB2	1	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2163)	1:60:A:LEU:HD12	1:61:A:SER:HB3	1	0.21
(9,2163)	1:60:A:LEU:HD13	1:61:A:SER:HB2	1	0.21
(9,2163)	1:60:A:LEU:HD13	1:61:A:SER:HB3	1	0.21
(9,2142)	1:53:A:THR:H	1:57:A:LEU:HD11	16	0.21
(9,2142)	1:53:A:THR:H	1:57:A:LEU:HD12	16	0.21
(9,2142)	1:53:A:THR:H	1:57:A:LEU:HD13	16	0.21
(9,2142)	1:53:A:THR:H	1:57:A:LEU:HD21	16	0.21
(9,2142)	1:53:A:THR:H	1:57:A:LEU:HD22	16	0.21
(9,2142)	1:53:A:THR:H	1:57:A:LEU:HD23	16	0.21
(9,2092)	1:39:A:VAL:HG11	1:43:A:MET:HB2	4	0.21
(9,2092)	1:39:A:VAL:HG12	1:43:A:MET:HB2	4	0.21
(9,2092)	1:39:A:VAL:HG13	1:43:A:MET:HB2	4	0.21
(9,2092)	1:39:A:VAL:HG21	1:43:A:MET:HB2	4	0.21
(9,2092)	1:39:A:VAL:HG22	1:43:A:MET:HB2	4	0.21
(9,2092)	1:39:A:VAL:HG23	1:43:A:MET:HB2	4	0.21
(9,2089)	1:39:A:VAL:HG11	1:40:A:LEU:HA	9	0.21
(9,2089)	1:39:A:VAL:HG12	1:40:A:LEU:HA	9	0.21
(9,2089)	1:39:A:VAL:HG13	1:40:A:LEU:HA	9	0.21
(9,2089)	1:39:A:VAL:HG21	1:40:A:LEU:HA	9	0.21
(9,2089)	1:39:A:VAL:HG22	1:40:A:LEU:HA	9	0.21
(9,2089)	1:39:A:VAL:HG23	1:40:A:LEU:HA	9	0.21
(9,2089)	1:39:A:VAL:HG11	1:40:A:LEU:HA	19	0.21
(9,2089)	1:39:A:VAL:HG12	1:40:A:LEU:HA	19	0.21
(9,2089)	1:39:A:VAL:HG13	1:40:A:LEU:HA	19	0.21
(9,2089)	1:39:A:VAL:HG21	1:40:A:LEU:HA	19	0.21
(9,2089)	1:39:A:VAL:HG22	1:40:A:LEU:HA	19	0.21
(9,2089)	1:39:A:VAL:HG23	1:40:A:LEU:HA	19	0.21
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD11	8	0.21
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD12	8	0.21
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD13	8	0.21
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD21	8	0.21
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD22	8	0.21
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD23	8	0.21
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG11	11	0.21
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG12	11	0.21
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG13	11	0.21
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG21	11	0.21
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG22	11	0.21
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG23	11	0.21
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD11	16	0.21
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD12	16	0.21
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD13	16	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD21	16	0.21
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD22	16	0.21
(9,1950)	1:11:A:ILE:HG13	1:131:A:LEU:HD23	16	0.21
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	9	0.21
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	9	0.21
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	9	0.21
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	9	0.21
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	9	0.21
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	9	0.21
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	9	0.21
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	9	0.21
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	9	0.21
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	9	0.21
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	9	0.21
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	9	0.21
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	9	0.21
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	9	0.21
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	9	0.21
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	9	0.21
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	9	0.21
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	9	0.21
(9,1923)	1:9:A:PHE:HD1	1:57:A:LEU:HD11	11	0.21
(9,1923)	1:9:A:PHE:HD1	1:57:A:LEU:HD12	11	0.21
(9,1923)	1:9:A:PHE:HD1	1:57:A:LEU:HD13	11	0.21
(9,1923)	1:9:A:PHE:HD1	1:57:A:LEU:HD21	11	0.21
(9,1923)	1:9:A:PHE:HD1	1:57:A:LEU:HD22	11	0.21
(9,1923)	1:9:A:PHE:HD1	1:57:A:LEU:HD23	11	0.21
(9,1923)	1:9:A:PHE:HD2	1:57:A:LEU:HD11	11	0.21
(9,1923)	1:9:A:PHE:HD2	1:57:A:LEU:HD12	11	0.21
(9,1923)	1:9:A:PHE:HD2	1:57:A:LEU:HD13	11	0.21
(9,1923)	1:9:A:PHE:HD2	1:57:A:LEU:HD21	11	0.21
(9,1923)	1:9:A:PHE:HD2	1:57:A:LEU:HD22	11	0.21
(9,1923)	1:9:A:PHE:HD2	1:57:A:LEU:HD23	11	0.21
(9,1884)	1:104:A:PHE:HE1	1:113:A:PHE:HA	13	0.21
(9,1884)	1:104:A:PHE:HE2	1:113:A:PHE:HA	13	0.21
(9,1847)	1:9:A:PHE:HZ	1:11:A:ILE:HA	17	0.21
(9,1838)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	6	0.21
(9,1838)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	6	0.21
(9,1838)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	18	0.21
(9,1838)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	18	0.21
(9,1798)	1:104:A:PHE:HE1	1:105:A:LYS:HA	7	0.21
(9,1798)	1:104:A:PHE:HE2	1:105:A:LYS:HA	7	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1792)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	6	0.21
(9,1792)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	6	0.21
(9,1775)	1:80:A:TYR:H	1:80:A:TYR:HD1	5	0.21
(9,1775)	1:80:A:TYR:H	1:80:A:TYR:HD2	5	0.21
(9,1756)	1:39:A:VAL:HG21	1:41:A:LYS:H	9	0.21
(9,1756)	1:39:A:VAL:HG22	1:41:A:LYS:H	9	0.21
(9,1756)	1:39:A:VAL:HG23	1:41:A:LYS:H	9	0.21
(9,1756)	1:39:A:VAL:HG21	1:41:A:LYS:H	16	0.21
(9,1756)	1:39:A:VAL:HG22	1:41:A:LYS:H	16	0.21
(9,1756)	1:39:A:VAL:HG23	1:41:A:LYS:H	16	0.21
(9,1752)	1:43:A:MET:H	1:140:A:LEU:HD21	13	0.21
(9,1752)	1:43:A:MET:H	1:140:A:LEU:HD22	13	0.21
(9,1752)	1:43:A:MET:H	1:140:A:LEU:HD23	13	0.21
(9,1731)	1:31:A:PRO:HB2	1:35:A:LEU:HA	12	0.21
(9,1731)	1:31:A:PRO:HB3	1:35:A:LEU:HA	12	0.21
(9,1678)	1:69:A:MET:HA	1:109:A:PRO:HA	19	0.21
(9,1638)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	11	0.21
(9,1638)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	11	0.21
(9,1638)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	11	0.21
(9,1533)	1:110:A:MET:H	1:110:A:MET:HE1	11	0.21
(9,1533)	1:110:A:MET:H	1:110:A:MET:HE2	11	0.21
(9,1533)	1:110:A:MET:H	1:110:A:MET:HE3	11	0.21
(9,1523)	1:69:A:MET:HE1	1:113:A:PHE:HB3	8	0.21
(9,1523)	1:69:A:MET:HE2	1:113:A:PHE:HB3	8	0.21
(9,1523)	1:69:A:MET:HE3	1:113:A:PHE:HB3	8	0.21
(9,1514)	1:69:A:MET:HE1	1:115:A:ALA:H	17	0.21
(9,1514)	1:69:A:MET:HE2	1:115:A:ALA:H	17	0.21
(9,1514)	1:69:A:MET:HE3	1:115:A:ALA:H	17	0.21
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE1	16	0.21
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE2	16	0.21
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE3	16	0.21
(9,1486)	1:114:A:ILE:HG21	1:117:A:VAL:H	3	0.21
(9,1486)	1:114:A:ILE:HG22	1:117:A:VAL:H	3	0.21
(9,1486)	1:114:A:ILE:HG23	1:117:A:VAL:H	3	0.21
(9,1476)	1:101:A:ILE:HG21	1:115:A:ALA:HA	13	0.21
(9,1476)	1:101:A:ILE:HG22	1:115:A:ALA:HA	13	0.21
(9,1476)	1:101:A:ILE:HG23	1:115:A:ALA:HA	13	0.21
(9,1452)	1:13:A:ALA:HB1	1:79:A:THR:HB	16	0.21
(9,1452)	1:13:A:ALA:HB2	1:79:A:THR:HB	16	0.21
(9,1452)	1:13:A:ALA:HB3	1:79:A:THR:HB	16	0.21
(9,1423)	1:121:A:VAL:HG21	1:123:A:CYS:H	15	0.21
(9,1423)	1:121:A:VAL:HG22	1:123:A:CYS:H	15	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1423)	1:121:A:VAL:HG23	1:123:A:CYS:H	15	0.21
(9,1398)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	11	0.21
(9,1398)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	11	0.21
(9,1398)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	11	0.21
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG11	2	0.21
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG12	2	0.21
(9,1353)	1:39:A:VAL:H	1:39:A:VAL:HG13	2	0.21
(9,1267)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	3	0.21
(9,1267)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	3	0.21
(9,1267)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	3	0.21
(9,1267)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	3	0.21
(9,1267)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	3	0.21
(9,1267)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	3	0.21
(9,1152)	1:71:A:LYS:HA	1:71:A:LYS:HE2	2	0.21
(9,1152)	1:71:A:LYS:HA	1:71:A:LYS:HE3	2	0.21
(9,1152)	1:71:A:LYS:HA	1:71:A:LYS:HE2	11	0.21
(9,1152)	1:71:A:LYS:HA	1:71:A:LYS:HE3	11	0.21
(9,1148)	1:78:A:HIS:HA	1:79:A:THR:HB	8	0.21
(9,1024)	1:41:A:LYS:HA	1:44:A:GLU:HB2	3	0.21
(9,1024)	1:41:A:LYS:HA	1:44:A:GLU:HB3	3	0.21
(9,961)	1:70:A:LYS:HB2	1:74:A:PRO:HA	6	0.21
(9,961)	1:70:A:LYS:HB3	1:74:A:PRO:HA	6	0.21
(9,930)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	15	0.21
(9,930)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	15	0.21
(9,930)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	15	0.21
(9,930)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	15	0.21
(9,924)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	4	0.21
(9,924)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	4	0.21
(9,921)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	4	0.21
(9,921)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	4	0.21
(9,921)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	4	0.21
(9,921)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	4	0.21
(9,855)	1:8:A:ASP:H	1:8:A:ASP:HB3	7	0.21
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	8	0.21
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	8	0.21
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	8	0.21
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	8	0.21
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	8	0.21
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	8	0.21
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	8	0.21
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	8	0.21
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	8	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,760)	1:42:A:GLU:H	1:42:A:GLU:HB3	18	0.21
(9,758)	1:53:A:THR:H	1:53:A:THR:HG21	15	0.21
(9,758)	1:53:A:THR:H	1:53:A:THR:HG22	15	0.21
(9,758)	1:53:A:THR:H	1:53:A:THR:HG23	15	0.21
(9,597)	1:55:A:GLY:H	1:57:A:LEU:H	4	0.21
(9,534)	1:70:A:LYS:HB2	1:72:A:PHE:H	8	0.21
(9,534)	1:70:A:LYS:HB3	1:72:A:PHE:H	8	0.21
(9,378)	1:70:A:LYS:H	1:73:A:ILE:HD11	8	0.21
(9,378)	1:70:A:LYS:H	1:73:A:ILE:HD12	8	0.21
(9,378)	1:70:A:LYS:H	1:73:A:ILE:HD13	8	0.21
(9,306)	1:140:A:LEU:H	1:140:A:LEU:HD11	5	0.21
(9,306)	1:140:A:LEU:H	1:140:A:LEU:HD12	5	0.21
(9,306)	1:140:A:LEU:H	1:140:A:LEU:HD13	5	0.21
(9,279)	1:112:A:GLN:H	1:112:A:GLN:HE21	15	0.21
(9,10)	1:64:A:LYS:H	1:64:A:LYS:HE2	18	0.21
(9,10)	1:64:A:LYS:H	1:64:A:LYS:HE3	18	0.21
(7,2356)	1:116:A:GLN:HA	1:116:A:GLN:HG2	3	0.21
(7,2356)	1:116:A:GLN:HA	1:116:A:GLN:HG3	3	0.21
(7,2313)	1:107:A:LEU:HA	1:108:A:GLU:HG2	6	0.21
(7,2313)	1:107:A:LEU:HA	1:108:A:GLU:HG3	6	0.21
(7,2299)	1:104:A:PHE:HE1	1:116:A:GLN:HG2	3	0.21
(7,2299)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	3	0.21
(7,2299)	1:104:A:PHE:HE2	1:116:A:GLN:HG2	3	0.21
(7,2299)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	3	0.21
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	15	0.21
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	15	0.21
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	15	0.21
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	15	0.21
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	15	0.21
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	15	0.21
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	15	0.21
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	15	0.21
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	15	0.21
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	15	0.21
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	15	0.21
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	15	0.21
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	18	0.21
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	18	0.21
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	18	0.21
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	18	0.21
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	18	0.21
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	18	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	18	0.21
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	18	0.21
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	18	0.21
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	18	0.21
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	18	0.21
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	18	0.21
(7,2262)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	1	0.21
(7,2262)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	1	0.21
(7,2262)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	1	0.21
(7,2262)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	1	0.21
(7,2262)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	1	0.21
(7,2262)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	1	0.21
(7,2248)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	2	0.21
(7,2248)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	2	0.21
(7,2248)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	5	0.21
(7,2248)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	5	0.21
(7,2248)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	8	0.21
(7,2248)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	8	0.21
(7,2220)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.21
(7,2220)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.21
(7,2220)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.21
(7,2220)	1:66:A:THR:HG21	1:96:A:VAL:HG21	2	0.21
(7,2220)	1:66:A:THR:HG21	1:96:A:VAL:HG22	2	0.21
(7,2220)	1:66:A:THR:HG21	1:96:A:VAL:HG23	2	0.21
(7,2220)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.21
(7,2220)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.21
(7,2220)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.21
(7,2220)	1:66:A:THR:HG22	1:96:A:VAL:HG21	2	0.21
(7,2220)	1:66:A:THR:HG22	1:96:A:VAL:HG22	2	0.21
(7,2220)	1:66:A:THR:HG22	1:96:A:VAL:HG23	2	0.21
(7,2220)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.21
(7,2220)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.21
(7,2220)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.21
(7,2220)	1:66:A:THR:HG23	1:96:A:VAL:HG21	2	0.21
(7,2220)	1:66:A:THR:HG23	1:96:A:VAL:HG22	2	0.21
(7,2220)	1:66:A:THR:HG23	1:96:A:VAL:HG23	2	0.21
(7,2215)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	3	0.21
(7,2215)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	3	0.21
(7,2203)	1:64:A:LYS:H	1:116:A:GLN:HE21	13	0.21
(7,2203)	1:64:A:LYS:H	1:116:A:GLN:HE22	13	0.21
(7,2175)	1:59:A:CYS:HA	1:60:A:LEU:HD11	12	0.21
(7,2175)	1:59:A:CYS:HA	1:60:A:LEU:HD12	12	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2175)	1:59:A:CYS:HA	1:60:A:LEU:HD13	12	0.21
(7,2175)	1:59:A:CYS:HA	1:60:A:LEU:HD21	12	0.21
(7,2175)	1:59:A:CYS:HA	1:60:A:LEU:HD22	12	0.21
(7,2175)	1:59:A:CYS:HA	1:60:A:LEU:HD23	12	0.21
(7,2160)	1:54:A:ARG:HB2	1:58:A:ILE:HG21	13	0.21
(7,2160)	1:54:A:ARG:HB2	1:58:A:ILE:HG22	13	0.21
(7,2160)	1:54:A:ARG:HB2	1:58:A:ILE:HG23	13	0.21
(7,2160)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	13	0.21
(7,2160)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	13	0.21
(7,2160)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	13	0.21
(7,2143)	1:47:A:ALA:HA	1:57:A:LEU:HD11	3	0.21
(7,2143)	1:47:A:ALA:HA	1:57:A:LEU:HD12	3	0.21
(7,2143)	1:47:A:ALA:HA	1:57:A:LEU:HD13	3	0.21
(7,2143)	1:47:A:ALA:HA	1:57:A:LEU:HD21	3	0.21
(7,2143)	1:47:A:ALA:HA	1:57:A:LEU:HD22	3	0.21
(7,2143)	1:47:A:ALA:HA	1:57:A:LEU:HD23	3	0.21
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD11	12	0.21
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD12	12	0.21
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD13	12	0.21
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD21	12	0.21
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD22	12	0.21
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD23	12	0.21
(7,2086)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	1	0.21
(7,2086)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	1	0.21
(7,2086)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	1	0.21
(7,2086)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	1	0.21
(7,2086)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	1	0.21
(7,2086)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	1	0.21
(7,2086)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	1	0.21
(7,2086)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	1	0.21
(7,2086)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	1	0.21
(7,2086)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	1	0.21
(7,2086)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	1	0.21
(7,2086)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	1	0.21
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD11	4	0.21
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD12	4	0.21
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD13	4	0.21
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD21	4	0.21
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD22	4	0.21
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD23	4	0.21
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD11	12	0.21
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD12	12	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD13	12	0.21
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD21	12	0.21
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD22	12	0.21
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD23	12	0.21
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD11	14	0.21
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD12	14	0.21
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD13	14	0.21
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD21	14	0.21
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD22	14	0.21
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD23	14	0.21
(7,1995)	1:23:A:LEU:HD11	1:24:A:ASP:H	16	0.21
(7,1995)	1:23:A:LEU:HD12	1:24:A:ASP:H	16	0.21
(7,1995)	1:23:A:LEU:HD13	1:24:A:ASP:H	16	0.21
(7,1995)	1:23:A:LEU:HD21	1:24:A:ASP:H	16	0.21
(7,1995)	1:23:A:LEU:HD22	1:24:A:ASP:H	16	0.21
(7,1995)	1:23:A:LEU:HD23	1:24:A:ASP:H	16	0.21
(7,1963)	1:16:A:SER:HB2	1:43:A:MET:HE1	19	0.21
(7,1963)	1:16:A:SER:HB2	1:43:A:MET:HE2	19	0.21
(7,1963)	1:16:A:SER:HB2	1:43:A:MET:HE3	19	0.21
(7,1963)	1:16:A:SER:HB3	1:43:A:MET:HE1	19	0.21
(7,1963)	1:16:A:SER:HB3	1:43:A:MET:HE2	19	0.21
(7,1963)	1:16:A:SER:HB3	1:43:A:MET:HE3	19	0.21
(7,1853)	1:68:A:LYS:HG2	1:72:A:PHE:HE1	14	0.21
(7,1853)	1:68:A:LYS:HG2	1:72:A:PHE:HE2	14	0.21
(7,1853)	1:68:A:LYS:HG3	1:72:A:PHE:HE1	14	0.21
(7,1853)	1:68:A:LYS:HG3	1:72:A:PHE:HE2	14	0.21
(7,1833)	1:18:A:PHE:HA	1:113:A:PHE:HE1	13	0.21
(7,1833)	1:18:A:PHE:HA	1:113:A:PHE:HE2	13	0.21
(7,1782)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	4	0.21
(7,1782)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	4	0.21
(7,1775)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	18	0.21
(7,1775)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	18	0.21
(7,1775)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	18	0.21
(7,1775)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	18	0.21
(7,1775)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	18	0.21
(7,1775)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	18	0.21
(7,1755)	1:13:A:ALA:HA	1:80:A:TYR:HD1	17	0.21
(7,1755)	1:13:A:ALA:HA	1:80:A:TYR:HD2	17	0.21
(7,1725)	1:39:A:VAL:HG21	1:41:A:LYS:H	9	0.21
(7,1725)	1:39:A:VAL:HG22	1:41:A:LYS:H	9	0.21
(7,1725)	1:39:A:VAL:HG23	1:41:A:LYS:H	9	0.21
(7,1725)	1:39:A:VAL:HG21	1:41:A:LYS:H	16	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1725)	1:39:A:VAL:HG22	1:41:A:LYS:H	16	0.21
(7,1725)	1:39:A:VAL:HG23	1:41:A:LYS:H	16	0.21
(7,1675)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	11	0.21
(7,1666)	1:43:A:MET:HE1	1:131:A:LEU:HA	3	0.21
(7,1666)	1:43:A:MET:HE2	1:131:A:LEU:HA	3	0.21
(7,1666)	1:43:A:MET:HE3	1:131:A:LEU:HA	3	0.21
(7,1620)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	8	0.21
(7,1620)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	8	0.21
(7,1620)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	8	0.21
(7,1620)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	8	0.21
(7,1620)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	8	0.21
(7,1620)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	8	0.21
(7,1605)	1:113:A:PHE:HB3	1:114:A:ILE:HG21	3	0.21
(7,1605)	1:113:A:PHE:HB3	1:114:A:ILE:HG22	3	0.21
(7,1605)	1:113:A:PHE:HB3	1:114:A:ILE:HG23	3	0.21
(7,1543)	1:11:A:ILE:HD11	1:12:A:VAL:H	14	0.21
(7,1543)	1:11:A:ILE:HD12	1:12:A:VAL:H	14	0.21
(7,1543)	1:11:A:ILE:HD13	1:12:A:VAL:H	14	0.21
(7,1471)	1:114:A:ILE:HG21	1:117:A:VAL:H	3	0.21
(7,1471)	1:114:A:ILE:HG22	1:117:A:VAL:H	3	0.21
(7,1471)	1:114:A:ILE:HG23	1:117:A:VAL:H	3	0.21
(7,1459)	1:101:A:ILE:HG21	1:115:A:ALA:HA	13	0.21
(7,1459)	1:101:A:ILE:HG22	1:115:A:ALA:HA	13	0.21
(7,1459)	1:101:A:ILE:HG23	1:115:A:ALA:HA	13	0.21
(7,1426)	1:50:A:ALA:HB1	1:130:A:GLY:H	9	0.21
(7,1426)	1:50:A:ALA:HB2	1:130:A:GLY:H	9	0.21
(7,1426)	1:50:A:ALA:HB3	1:130:A:GLY:H	9	0.21
(7,1394)	1:149:A:ALA:HB1	1:151:A:PHE:H	2	0.21
(7,1394)	1:149:A:ALA:HB2	1:151:A:PHE:H	2	0.21
(7,1394)	1:149:A:ALA:HB3	1:151:A:PHE:H	2	0.21
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG11	10	0.21
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG12	10	0.21
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG13	10	0.21
(7,1335)	1:24:A:ASP:HB2	1:25:A:ALA:HA	13	0.21
(7,1335)	1:24:A:ASP:HB3	1:25:A:ALA:HA	13	0.21
(7,1325)	1:125:A:THR:HG21	1:128:A:LEU:HB2	9	0.21
(7,1325)	1:125:A:THR:HG22	1:128:A:LEU:HB2	9	0.21
(7,1325)	1:125:A:THR:HG23	1:128:A:LEU:HB2	9	0.21
(7,1320)	1:103:A:ARG:HG2	1:106:A:ASP:HA	8	0.21
(7,1320)	1:103:A:ARG:HG3	1:106:A:ASP:HA	8	0.21
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD11	4	0.21
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD12	4	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD13	4	0.21
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD11	4	0.21
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD12	4	0.21
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD13	4	0.21
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD11	4	0.21
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD12	4	0.21
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD13	4	0.21
(7,1268)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	14	0.21
(7,1268)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	14	0.21
(7,1268)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	14	0.21
(7,1231)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	8	0.21
(7,1231)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	8	0.21
(7,1231)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	8	0.21
(7,1231)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	8	0.21
(7,1231)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	8	0.21
(7,1231)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	8	0.21
(7,1231)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	8	0.21
(7,1231)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	8	0.21
(7,1231)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	8	0.21
(7,1108)	1:40:A:LEU:HA	1:40:A:LEU:HD21	19	0.21
(7,1108)	1:40:A:LEU:HA	1:40:A:LEU:HD22	19	0.21
(7,1108)	1:40:A:LEU:HA	1:40:A:LEU:HD23	19	0.21
(7,1040)	1:71:A:LYS:HG3	1:72:A:PHE:HA	2	0.21
(7,1037)	1:95:A:ILE:HA	1:96:A:VAL:HB	4	0.21
(7,958)	1:67:A:PRO:HA	1:70:A:LYS:HB2	1	0.21
(7,958)	1:67:A:PRO:HA	1:70:A:LYS:HB3	1	0.21
(7,916)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	18	0.21
(7,916)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	18	0.21
(7,912)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	4	0.21
(7,912)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	4	0.21
(7,849)	1:8:A:ASP:H	1:8:A:ASP:HB3	7	0.21
(7,803)	1:64:A:LYS:H	1:98:A:ILE:HD11	6	0.21
(7,803)	1:64:A:LYS:H	1:98:A:ILE:HD12	6	0.21
(7,803)	1:64:A:LYS:H	1:98:A:ILE:HD13	6	0.21
(7,802)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	7	0.21
(7,802)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	7	0.21
(7,802)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	7	0.21
(7,802)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	7	0.21
(7,802)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	7	0.21
(7,802)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	7	0.21
(7,802)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	7	0.21
(7,802)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	7	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,802)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	7	0.21
(7,797)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	10	0.21
(7,707)	1:44:A:GLU:HG2	1:48:A:ARG:HE	10	0.21
(7,707)	1:44:A:GLU:HG3	1:48:A:ARG:HE	10	0.21
(7,372)	1:41:A:LYS:H	1:44:A:GLU:HB2	7	0.21
(7,372)	1:41:A:LYS:H	1:44:A:GLU:HB3	7	0.21
(7,366)	1:70:A:LYS:H	1:73:A:ILE:HD11	8	0.21
(7,366)	1:70:A:LYS:H	1:73:A:ILE:HD12	8	0.21
(7,366)	1:70:A:LYS:H	1:73:A:ILE:HD13	8	0.21
(7,343)	1:122:A:ASP:HB3	1:123:A:CYS:H	18	0.21
(7,297)	1:128:A:LEU:HB3	1:129:A:LYS:H	1	0.21
(7,274)	1:112:A:GLN:H	1:112:A:GLN:HE21	15	0.21
(7,89)	1:96:A:VAL:H	1:97:A:ASP:H	3	0.21
(7,71)	1:29:A:LYS:H	1:30:A:LEU:H	15	0.21
(7,53)	1:11:A:ILE:HD11	1:47:A:ALA:H	7	0.21
(7,53)	1:11:A:ILE:HD12	1:47:A:ALA:H	7	0.21
(7,53)	1:11:A:ILE:HD13	1:47:A:ALA:H	7	0.21
(7,33)	1:95:A:ILE:HB	1:96:A:VAL:H	18	0.21
(7,13)	1:64:A:LYS:H	1:64:A:LYS:HD2	17	0.21
(7,13)	1:64:A:LYS:H	1:64:A:LYS:HD3	17	0.21
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD11	6	0.21
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD12	6	0.21
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD13	6	0.21
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD21	6	0.21
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD22	6	0.21
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD23	6	0.21
(6,2333)	1:107:A:LEU:HD11	1:112:A:GLN:H	6	0.21
(6,2333)	1:107:A:LEU:HD12	1:112:A:GLN:H	6	0.21
(6,2333)	1:107:A:LEU:HD13	1:112:A:GLN:H	6	0.21
(6,2333)	1:107:A:LEU:HD21	1:112:A:GLN:H	6	0.21
(6,2333)	1:107:A:LEU:HD22	1:112:A:GLN:H	6	0.21
(6,2333)	1:107:A:LEU:HD23	1:112:A:GLN:H	6	0.21
(6,2322)	1:105:A:LYS:HG2	1:112:A:GLN:HE21	11	0.21
(6,2322)	1:105:A:LYS:HG3	1:112:A:GLN:HE21	11	0.21
(6,2322)	1:105:A:LYS:HG2	1:112:A:GLN:HE21	18	0.21
(6,2322)	1:105:A:LYS:HG3	1:112:A:GLN:HE21	18	0.21
(6,2289)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	1	0.21
(6,2289)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	1	0.21
(6,2289)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	1	0.21
(6,2289)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	1	0.21
(6,2289)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	1	0.21
(6,2289)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	1	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2261)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	10	0.21
(6,2261)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	10	0.21
(6,2210)	1:60:A:LEU:HD11	1:61:A:SER:HB2	16	0.21
(6,2210)	1:60:A:LEU:HD11	1:61:A:SER:HB3	16	0.21
(6,2210)	1:60:A:LEU:HD12	1:61:A:SER:HB2	16	0.21
(6,2210)	1:60:A:LEU:HD12	1:61:A:SER:HB3	16	0.21
(6,2210)	1:60:A:LEU:HD13	1:61:A:SER:HB2	16	0.21
(6,2210)	1:60:A:LEU:HD13	1:61:A:SER:HB3	16	0.21
(6,2181)	1:54:A:ARG:HB2	1:58:A:ILE:HG21	13	0.21
(6,2181)	1:54:A:ARG:HB2	1:58:A:ILE:HG22	13	0.21
(6,2181)	1:54:A:ARG:HB2	1:58:A:ILE:HG23	13	0.21
(6,2181)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	13	0.21
(6,2181)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	13	0.21
(6,2181)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	13	0.21
(6,2152)	1:44:A:GLU:H	1:140:A:LEU:HD11	2	0.21
(6,2152)	1:44:A:GLU:H	1:140:A:LEU:HD12	2	0.21
(6,2152)	1:44:A:GLU:H	1:140:A:LEU:HD13	2	0.21
(6,2152)	1:44:A:GLU:H	1:140:A:LEU:HD21	2	0.21
(6,2152)	1:44:A:GLU:H	1:140:A:LEU:HD22	2	0.21
(6,2152)	1:44:A:GLU:H	1:140:A:LEU:HD23	2	0.21
(6,2104)	1:39:A:VAL:HB	1:139:A:LEU:HD11	5	0.21
(6,2104)	1:39:A:VAL:HB	1:139:A:LEU:HD12	5	0.21
(6,2104)	1:39:A:VAL:HB	1:139:A:LEU:HD13	5	0.21
(6,2104)	1:39:A:VAL:HB	1:139:A:LEU:HD21	5	0.21
(6,2104)	1:39:A:VAL:HB	1:139:A:LEU:HD22	5	0.21
(6,2104)	1:39:A:VAL:HB	1:139:A:LEU:HD23	5	0.21
(6,2026)	1:17:A:ASN:HB2	1:113:A:PHE:HE1	17	0.21
(6,2026)	1:17:A:ASN:HB2	1:113:A:PHE:HE2	17	0.21
(6,2026)	1:17:A:ASN:HB3	1:113:A:PHE:HE1	17	0.21
(6,2026)	1:17:A:ASN:HB3	1:113:A:PHE:HE2	17	0.21
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	4	0.21
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	4	0.21
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	4	0.21
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	4	0.21
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	4	0.21
(6,2015)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	4	0.21
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	4	0.21
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	4	0.21
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	4	0.21
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	4	0.21
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	4	0.21
(6,2015)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	4	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	4	0.21
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	4	0.21
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	4	0.21
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	4	0.21
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	4	0.21
(6,2015)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	4	0.21
(6,2006)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	3	0.21
(6,2006)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	3	0.21
(6,2006)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	3	0.21
(6,2006)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	3	0.21
(6,2006)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	3	0.21
(6,2006)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	3	0.21
(6,2006)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	3	0.21
(6,2006)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	3	0.21
(6,2006)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	3	0.21
(6,2006)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	3	0.21
(6,2006)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	3	0.21
(6,2006)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	3	0.21
(6,2006)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	3	0.21
(6,2006)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	3	0.21
(6,2006)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	3	0.21
(6,2006)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	3	0.21
(6,2006)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	3	0.21
(6,2006)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	3	0.21
(6,2001)	1:14:A:VAL:HG11	1:18:A:PHE:HB2	5	0.21
(6,2001)	1:14:A:VAL:HG12	1:18:A:PHE:HB2	5	0.21
(6,2001)	1:14:A:VAL:HG13	1:18:A:PHE:HB2	5	0.21
(6,2001)	1:14:A:VAL:HG21	1:18:A:PHE:HB2	5	0.21
(6,2001)	1:14:A:VAL:HG22	1:18:A:PHE:HB2	5	0.21
(6,2001)	1:14:A:VAL:HG23	1:18:A:PHE:HB2	5	0.21
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	16	0.21
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	16	0.21
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	16	0.21
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	16	0.21
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	16	0.21
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	16	0.21
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	16	0.21
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	16	0.21
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	16	0.21
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	16	0.21
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	16	0.21
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	16	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	16	0.21
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	16	0.21
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	16	0.21
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	16	0.21
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	16	0.21
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	16	0.21
(6,1925)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	14	0.21
(6,1912)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	5	0.21
(6,1912)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	5	0.21
(6,1912)	1:113:A:PHE:HE1	1:114:A:ILE:HG12	5	0.21
(6,1912)	1:113:A:PHE:HE2	1:114:A:ILE:HG12	5	0.21
(6,1909)	1:113:A:PHE:HD1	1:114:A:ILE:HB	4	0.21
(6,1909)	1:113:A:PHE:HD2	1:114:A:ILE:HB	4	0.21
(6,1860)	1:9:A:PHE:HZ	1:11:A:ILE:HA	17	0.21
(6,1809)	1:104:A:PHE:HE1	1:105:A:LYS:HA	7	0.21
(6,1809)	1:104:A:PHE:HE2	1:105:A:LYS:HA	7	0.21
(6,1771)	1:97:A:ASP:HA	1:105:A:LYS:HA	9	0.21
(6,1768)	1:39:A:VAL:HG21	1:41:A:LYS:H	9	0.21
(6,1768)	1:39:A:VAL:HG22	1:41:A:LYS:H	9	0.21
(6,1768)	1:39:A:VAL:HG23	1:41:A:LYS:H	9	0.21
(6,1768)	1:39:A:VAL:HG21	1:41:A:LYS:H	16	0.21
(6,1768)	1:39:A:VAL:HG22	1:41:A:LYS:H	16	0.21
(6,1768)	1:39:A:VAL:HG23	1:41:A:LYS:H	16	0.21
(6,1763)	1:43:A:MET:H	1:140:A:LEU:HD21	13	0.21
(6,1763)	1:43:A:MET:H	1:140:A:LEU:HD22	13	0.21
(6,1763)	1:43:A:MET:H	1:140:A:LEU:HD23	13	0.21
(6,1741)	1:18:A:PHE:HB2	1:132:A:ALA:HA	4	0.21
(6,1741)	1:18:A:PHE:HB3	1:132:A:ALA:HA	4	0.21
(6,1704)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	7	0.21
(6,1704)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	7	0.21
(6,1699)	1:43:A:MET:HE1	1:131:A:LEU:HA	3	0.21
(6,1699)	1:43:A:MET:HE2	1:131:A:LEU:HA	3	0.21
(6,1699)	1:43:A:MET:HE3	1:131:A:LEU:HA	3	0.21
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD2	1	0.21
(6,1648)	1:102:A:PRO:HA	1:105:A:LYS:HD3	1	0.21
(6,1601)	1:119:A:LEU:H	1:121:A:VAL:HG11	10	0.21
(6,1601)	1:119:A:LEU:H	1:121:A:VAL:HG12	10	0.21
(6,1601)	1:119:A:LEU:H	1:121:A:VAL:HG13	10	0.21
(6,1513)	1:69:A:MET:HE1	1:115:A:ALA:H	17	0.21
(6,1513)	1:69:A:MET:HE2	1:115:A:ALA:H	17	0.21
(6,1513)	1:69:A:MET:HE3	1:115:A:ALA:H	17	0.21
(6,1474)	1:101:A:ILE:HG21	1:115:A:ALA:HA	13	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1474)	1:101:A:ILE:HG22	1:115:A:ALA:HA	13	0.21
(6,1474)	1:101:A:ILE:HG23	1:115:A:ALA:HA	13	0.21
(6,1457)	1:14:A:VAL:HB	1:15:A:ALA:HB1	3	0.21
(6,1457)	1:14:A:VAL:HB	1:15:A:ALA:HB2	3	0.21
(6,1457)	1:14:A:VAL:HB	1:15:A:ALA:HB3	3	0.21
(6,1457)	1:14:A:VAL:HB	1:15:A:ALA:HB1	9	0.21
(6,1457)	1:14:A:VAL:HB	1:15:A:ALA:HB2	9	0.21
(6,1457)	1:14:A:VAL:HB	1:15:A:ALA:HB3	9	0.21
(6,1455)	1:15:A:ALA:HB1	1:132:A:ALA:HA	4	0.21
(6,1455)	1:15:A:ALA:HB2	1:132:A:ALA:HA	4	0.21
(6,1455)	1:15:A:ALA:HB3	1:132:A:ALA:HA	4	0.21
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	16	0.21
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	16	0.21
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	16	0.21
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	16	0.21
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	16	0.21
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	16	0.21
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG11	10	0.21
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG12	10	0.21
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG13	10	0.21
(6,1329)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	7	0.21
(6,1329)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	7	0.21
(6,1329)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	7	0.21
(6,1329)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	7	0.21
(6,1329)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	7	0.21
(6,1329)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	7	0.21
(6,1329)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	7	0.21
(6,1329)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	7	0.21
(6,1329)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	7	0.21
(6,1322)	1:53:A:THR:H	1:53:A:THR:HG21	11	0.21
(6,1322)	1:53:A:THR:H	1:53:A:THR:HG22	11	0.21
(6,1322)	1:53:A:THR:H	1:53:A:THR:HG23	11	0.21
(6,1259)	1:113:A:PHE:HE1	1:117:A:VAL:HG11	14	0.21
(6,1259)	1:113:A:PHE:HE1	1:117:A:VAL:HG12	14	0.21
(6,1259)	1:113:A:PHE:HE1	1:117:A:VAL:HG13	14	0.21
(6,1259)	1:113:A:PHE:HE2	1:117:A:VAL:HG11	14	0.21
(6,1259)	1:113:A:PHE:HE2	1:117:A:VAL:HG12	14	0.21
(6,1259)	1:113:A:PHE:HE2	1:117:A:VAL:HG13	14	0.21
(6,1123)	1:144:A:LEU:HB2	1:144:A:LEU:HD21	5	0.21
(6,1123)	1:144:A:LEU:HB2	1:144:A:LEU:HD22	5	0.21
(6,1123)	1:144:A:LEU:HB2	1:144:A:LEU:HD23	5	0.21
(6,1043)	1:95:A:ILE:HA	1:96:A:VAL:HB	4	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1012)	1:41:A:LYS:HA	1:44:A:GLU:HB2	3	0.21
(6,1012)	1:41:A:LYS:HA	1:44:A:GLU:HB3	3	0.21
(6,948)	1:70:A:LYS:HB2	1:74:A:PRO:HA	6	0.21
(6,948)	1:70:A:LYS:HB3	1:74:A:PRO:HA	6	0.21
(6,915)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	4	0.21
(6,915)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	4	0.21
(6,852)	1:8:A:ASP:H	1:8:A:ASP:HB3	7	0.21
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	8	0.21
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	8	0.21
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	8	0.21
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	8	0.21
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	8	0.21
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	8	0.21
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	8	0.21
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	8	0.21
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	8	0.21
(6,776)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	19	0.21
(6,776)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	19	0.21
(6,776)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	19	0.21
(6,370)	1:41:A:LYS:H	1:44:A:GLU:HB2	7	0.21
(6,370)	1:41:A:LYS:H	1:44:A:GLU:HB3	7	0.21
(6,364)	1:70:A:LYS:H	1:73:A:ILE:HD11	8	0.21
(6,364)	1:70:A:LYS:H	1:73:A:ILE:HD12	8	0.21
(6,364)	1:70:A:LYS:H	1:73:A:ILE:HD13	8	0.21
(6,293)	1:140:A:LEU:H	1:140:A:LEU:HD11	5	0.21
(6,293)	1:140:A:LEU:H	1:140:A:LEU:HD12	5	0.21
(6,293)	1:140:A:LEU:H	1:140:A:LEU:HD13	5	0.21
(6,280)	1:50:A:ALA:H	1:52:A:CYS:H	6	0.21
(6,152)	1:67:A:PRO:HD3	1:95:A:ILE:H	3	0.21
(6,111)	1:21:A:THR:HB	1:22:A:ASP:H	18	0.21
(6,54)	1:11:A:ILE:HD11	1:47:A:ALA:H	7	0.21
(6,54)	1:11:A:ILE:HD12	1:47:A:ALA:H	7	0.21
(6,54)	1:11:A:ILE:HD13	1:47:A:ALA:H	7	0.21
(5,2479)	1:146:A:GLN:HG2	1:148:A:CYS:H	17	0.21
(5,2479)	1:146:A:GLN:HG3	1:148:A:CYS:H	17	0.21
(5,2344)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	2	0.21
(5,2344)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	2	0.21
(5,2344)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	2	0.21
(5,2344)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	2	0.21
(5,2344)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	2	0.21
(5,2344)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	2	0.21
(5,2332)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	18	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2332)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	18	0.21
(5,2332)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	18	0.21
(5,2332)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	18	0.21
(5,2332)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	18	0.21
(5,2332)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	18	0.21
(5,2330)	1:107:A:LEU:HD11	1:112:A:GLN:H	5	0.21
(5,2330)	1:107:A:LEU:HD12	1:112:A:GLN:H	5	0.21
(5,2330)	1:107:A:LEU:HD13	1:112:A:GLN:H	5	0.21
(5,2330)	1:107:A:LEU:HD21	1:112:A:GLN:H	5	0.21
(5,2330)	1:107:A:LEU:HD22	1:112:A:GLN:H	5	0.21
(5,2330)	1:107:A:LEU:HD23	1:112:A:GLN:H	5	0.21
(5,2278)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	3	0.21
(5,2278)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	3	0.21
(5,2232)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	9	0.21
(5,2232)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	9	0.21
(5,2202)	1:60:A:LEU:HD11	1:120:A:CYS:HA	4	0.21
(5,2202)	1:60:A:LEU:HD12	1:120:A:CYS:HA	4	0.21
(5,2202)	1:60:A:LEU:HD13	1:120:A:CYS:HA	4	0.21
(5,2202)	1:60:A:LEU:HD21	1:120:A:CYS:HA	4	0.21
(5,2202)	1:60:A:LEU:HD22	1:120:A:CYS:HA	4	0.21
(5,2202)	1:60:A:LEU:HD23	1:120:A:CYS:HA	4	0.21
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD11	15	0.21
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD12	15	0.21
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD13	15	0.21
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD21	15	0.21
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD22	15	0.21
(5,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD23	15	0.21
(5,2192)	1:57:A:LEU:HD11	1:60:A:LEU:HG	4	0.21
(5,2192)	1:57:A:LEU:HD12	1:60:A:LEU:HG	4	0.21
(5,2192)	1:57:A:LEU:HD13	1:60:A:LEU:HG	4	0.21
(5,2192)	1:57:A:LEU:HD21	1:60:A:LEU:HG	4	0.21
(5,2192)	1:57:A:LEU:HD22	1:60:A:LEU:HG	4	0.21
(5,2192)	1:57:A:LEU:HD23	1:60:A:LEU:HG	4	0.21
(5,2124)	1:40:A:LEU:HD11	1:43:A:MET:H	15	0.21
(5,2124)	1:40:A:LEU:HD12	1:43:A:MET:H	15	0.21
(5,2124)	1:40:A:LEU:HD13	1:43:A:MET:H	15	0.21
(5,2124)	1:40:A:LEU:HD21	1:43:A:MET:H	15	0.21
(5,2124)	1:40:A:LEU:HD22	1:43:A:MET:H	15	0.21
(5,2124)	1:40:A:LEU:HD23	1:43:A:MET:H	15	0.21
(5,2124)	1:40:A:LEU:HD11	1:43:A:MET:H	17	0.21
(5,2124)	1:40:A:LEU:HD12	1:43:A:MET:H	17	0.21
(5,2124)	1:40:A:LEU:HD13	1:43:A:MET:H	17	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2124)	1:40:A:LEU:HD21	1:43:A:MET:H	17	0.21
(5,2124)	1:40:A:LEU:HD22	1:43:A:MET:H	17	0.21
(5,2124)	1:40:A:LEU:HD23	1:43:A:MET:H	17	0.21
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD11	12	0.21
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD12	12	0.21
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD13	12	0.21
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD21	12	0.21
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD22	12	0.21
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD23	12	0.21
(5,2064)	1:35:A:LEU:HD11	1:143:A:TRP:HB2	3	0.21
(5,2064)	1:35:A:LEU:HD12	1:143:A:TRP:HB2	3	0.21
(5,2064)	1:35:A:LEU:HD13	1:143:A:TRP:HB2	3	0.21
(5,2064)	1:35:A:LEU:HD21	1:143:A:TRP:HB2	3	0.21
(5,2064)	1:35:A:LEU:HD22	1:143:A:TRP:HB2	3	0.21
(5,2064)	1:35:A:LEU:HD23	1:143:A:TRP:HB2	3	0.21
(5,2039)	1:29:A:LYS:HB2	1:30:A:LEU:HD11	9	0.21
(5,2039)	1:29:A:LYS:HB2	1:30:A:LEU:HD12	9	0.21
(5,2039)	1:29:A:LYS:HB2	1:30:A:LEU:HD13	9	0.21
(5,2039)	1:29:A:LYS:HB2	1:30:A:LEU:HD21	9	0.21
(5,2039)	1:29:A:LYS:HB2	1:30:A:LEU:HD22	9	0.21
(5,2039)	1:29:A:LYS:HB2	1:30:A:LEU:HD23	9	0.21
(5,2039)	1:29:A:LYS:HB3	1:30:A:LEU:HD11	9	0.21
(5,2039)	1:29:A:LYS:HB3	1:30:A:LEU:HD12	9	0.21
(5,2039)	1:29:A:LYS:HB3	1:30:A:LEU:HD13	9	0.21
(5,2039)	1:29:A:LYS:HB3	1:30:A:LEU:HD21	9	0.21
(5,2039)	1:29:A:LYS:HB3	1:30:A:LEU:HD22	9	0.21
(5,2039)	1:29:A:LYS:HB3	1:30:A:LEU:HD23	9	0.21
(5,2023)	1:21:A:THR:HG21	1:23:A:LEU:HD11	6	0.21
(5,2023)	1:21:A:THR:HG21	1:23:A:LEU:HD12	6	0.21
(5,2023)	1:21:A:THR:HG21	1:23:A:LEU:HD13	6	0.21
(5,2023)	1:21:A:THR:HG21	1:23:A:LEU:HD21	6	0.21
(5,2023)	1:21:A:THR:HG21	1:23:A:LEU:HD22	6	0.21
(5,2023)	1:21:A:THR:HG21	1:23:A:LEU:HD23	6	0.21
(5,2023)	1:21:A:THR:HG22	1:23:A:LEU:HD11	6	0.21
(5,2023)	1:21:A:THR:HG22	1:23:A:LEU:HD12	6	0.21
(5,2023)	1:21:A:THR:HG22	1:23:A:LEU:HD13	6	0.21
(5,2023)	1:21:A:THR:HG22	1:23:A:LEU:HD21	6	0.21
(5,2023)	1:21:A:THR:HG22	1:23:A:LEU:HD22	6	0.21
(5,2023)	1:21:A:THR:HG22	1:23:A:LEU:HD23	6	0.21
(5,2023)	1:21:A:THR:HG23	1:23:A:LEU:HD11	6	0.21
(5,2023)	1:21:A:THR:HG23	1:23:A:LEU:HD12	6	0.21
(5,2023)	1:21:A:THR:HG23	1:23:A:LEU:HD13	6	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2023)	1:21:A:THR:HG23	1:23:A:LEU:HD21	6	0.21
(5,2023)	1:21:A:THR:HG23	1:23:A:LEU:HD22	6	0.21
(5,2023)	1:21:A:THR:HG23	1:23:A:LEU:HD23	6	0.21
(5,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD11	11	0.21
(5,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD12	11	0.21
(5,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD13	11	0.21
(5,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD21	11	0.21
(5,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD22	11	0.21
(5,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD23	11	0.21
(5,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD11	11	0.21
(5,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD12	11	0.21
(5,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD13	11	0.21
(5,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD21	11	0.21
(5,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD22	11	0.21
(5,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD23	11	0.21
(5,1921)	1:63:A:ILE:HB	1:113:A:PHE:HD1	8	0.21
(5,1921)	1:63:A:ILE:HB	1:113:A:PHE:HD2	8	0.21
(5,1882)	1:9:A:PHE:HZ	1:11:A:ILE:HA	13	0.21
(5,1849)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	7	0.21
(5,1849)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	7	0.21
(5,1849)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	7	0.21
(5,1831)	1:104:A:PHE:HE1	1:105:A:LYS:HA	7	0.21
(5,1831)	1:104:A:PHE:HE2	1:105:A:LYS:HA	7	0.21
(5,1787)	1:39:A:VAL:HG21	1:41:A:LYS:H	9	0.21
(5,1787)	1:39:A:VAL:HG22	1:41:A:LYS:H	9	0.21
(5,1787)	1:39:A:VAL:HG23	1:41:A:LYS:H	9	0.21
(5,1787)	1:39:A:VAL:HG21	1:41:A:LYS:H	16	0.21
(5,1787)	1:39:A:VAL:HG22	1:41:A:LYS:H	16	0.21
(5,1787)	1:39:A:VAL:HG23	1:41:A:LYS:H	16	0.21
(5,1752)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	4	0.21
(5,1752)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	4	0.21
(5,1752)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	4	0.21
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG21	8	0.21
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG22	8	0.21
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG23	8	0.21
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG21	8	0.21
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG22	8	0.21
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG23	8	0.21
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG21	8	0.21
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG22	8	0.21
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG23	8	0.21
(5,1706)	1:69:A:MET:HA	1:109:A:PRO:HA	19	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	11	0.21
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	11	0.21
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	11	0.21
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	11	0.21
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	11	0.21
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	11	0.21
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	11	0.21
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	11	0.21
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	11	0.21
(5,1611)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	6	0.21
(5,1611)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	6	0.21
(5,1611)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	6	0.21
(5,1584)	1:11:A:ILE:HD11	1:12:A:VAL:H	14	0.21
(5,1584)	1:11:A:ILE:HD12	1:12:A:VAL:H	14	0.21
(5,1584)	1:11:A:ILE:HD13	1:12:A:VAL:H	14	0.21
(5,1509)	1:114:A:ILE:HG21	1:117:A:VAL:H	3	0.21
(5,1509)	1:114:A:ILE:HG22	1:117:A:VAL:H	3	0.21
(5,1509)	1:114:A:ILE:HG23	1:117:A:VAL:H	3	0.21
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	16	0.21
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	16	0.21
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	16	0.21
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	16	0.21
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	16	0.21
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	16	0.21
(5,1371)	1:24:A:ASP:HB2	1:25:A:ALA:HA	13	0.21
(5,1371)	1:24:A:ASP:HB3	1:25:A:ALA:HA	13	0.21
(5,1364)	1:125:A:THR:HG21	1:128:A:LEU:HB2	9	0.21
(5,1364)	1:125:A:THR:HG22	1:128:A:LEU:HB2	9	0.21
(5,1364)	1:125:A:THR:HG23	1:128:A:LEU:HB2	9	0.21
(5,1358)	1:103:A:ARG:HG2	1:106:A:ASP:HA	8	0.21
(5,1358)	1:103:A:ARG:HG3	1:106:A:ASP:HA	8	0.21
(5,1334)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	14	0.21
(5,1334)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	14	0.21
(5,1334)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	14	0.21
(5,1334)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	14	0.21
(5,1334)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	14	0.21
(5,1334)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	14	0.21
(5,1334)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	14	0.21
(5,1334)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	14	0.21
(5,1334)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	14	0.21
(5,1307)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	14	0.21
(5,1307)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	14	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1307)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	14	0.21
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG21	15	0.21
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG22	15	0.21
(5,1306)	1:9:A:PHE:HB3	1:14:A:VAL:HG23	15	0.21
(5,1264)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	8	0.21
(5,1264)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	8	0.21
(5,1264)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	8	0.21
(5,1264)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	8	0.21
(5,1264)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	8	0.21
(5,1264)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	8	0.21
(5,1264)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	8	0.21
(5,1264)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	8	0.21
(5,1264)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	8	0.21
(5,1216)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	13	0.21
(5,1216)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	13	0.21
(5,1216)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	13	0.21
(5,1138)	1:50:A:ALA:HB1	1:127:A:CYS:HA	5	0.21
(5,1138)	1:50:A:ALA:HB2	1:127:A:CYS:HA	5	0.21
(5,1138)	1:50:A:ALA:HB3	1:127:A:CYS:HA	5	0.21
(5,1067)	1:95:A:ILE:HA	1:96:A:VAL:HB	4	0.21
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD11	15	0.21
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD12	15	0.21
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD13	15	0.21
(5,1037)	1:41:A:LYS:HA	1:44:A:GLU:HB2	3	0.21
(5,1037)	1:41:A:LYS:HA	1:44:A:GLU:HB3	3	0.21
(5,973)	1:67:A:PRO:HA	1:70:A:LYS:HB2	1	0.21
(5,973)	1:67:A:PRO:HA	1:70:A:LYS:HB3	1	0.21
(5,963)	1:11:A:ILE:HD11	1:43:A:MET:HB3	15	0.21
(5,963)	1:11:A:ILE:HD12	1:43:A:MET:HB3	15	0.21
(5,963)	1:11:A:ILE:HD13	1:43:A:MET:HB3	15	0.21
(5,923)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	4	0.21
(5,923)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	4	0.21
(5,856)	1:8:A:ASP:H	1:8:A:ASP:HB3	7	0.21
(5,832)	1:110:A:MET:HG2	1:114:A:ILE:HD11	13	0.21
(5,832)	1:110:A:MET:HG2	1:114:A:ILE:HD12	13	0.21
(5,832)	1:110:A:MET:HG2	1:114:A:ILE:HD13	13	0.21
(5,832)	1:110:A:MET:HG3	1:114:A:ILE:HD11	13	0.21
(5,832)	1:110:A:MET:HG3	1:114:A:ILE:HD12	13	0.21
(5,832)	1:110:A:MET:HG3	1:114:A:ILE:HD13	13	0.21
(5,811)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	7	0.21
(5,811)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	7	0.21
(5,811)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	7	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,811)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	7	0.21
(5,811)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	7	0.21
(5,811)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	7	0.21
(5,811)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	7	0.21
(5,811)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	7	0.21
(5,811)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	7	0.21
(5,797)	1:58:A:ILE:HD11	1:59:A:CYS:H	1	0.21
(5,797)	1:58:A:ILE:HD12	1:59:A:CYS:H	1	0.21
(5,797)	1:58:A:ILE:HD13	1:59:A:CYS:H	1	0.21
(5,797)	1:58:A:ILE:HD11	1:59:A:CYS:H	7	0.21
(5,797)	1:58:A:ILE:HD12	1:59:A:CYS:H	7	0.21
(5,797)	1:58:A:ILE:HD13	1:59:A:CYS:H	7	0.21
(5,585)	1:70:A:LYS:HB2	1:75:A:GLY:H	5	0.21
(5,585)	1:70:A:LYS:HB3	1:75:A:GLY:H	5	0.21
(5,426)	1:68:A:LYS:H	1:68:A:LYS:HE2	17	0.21
(5,426)	1:68:A:LYS:H	1:68:A:LYS:HE3	17	0.21
(5,360)	1:70:A:LYS:H	1:73:A:ILE:HD11	8	0.21
(5,360)	1:70:A:LYS:H	1:73:A:ILE:HD12	8	0.21
(5,360)	1:70:A:LYS:H	1:73:A:ILE:HD13	8	0.21
(5,320)	1:140:A:LEU:H	1:140:A:LEU:HG	2	0.21
(5,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	9	0.21
(5,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	9	0.21
(5,280)	1:50:A:ALA:H	1:52:A:CYS:H	6	0.21
(5,266)	1:112:A:GLN:H	1:112:A:GLN:HE21	17	0.21
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD11	8	0.21
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD12	8	0.21
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD13	8	0.21
(5,147)	1:67:A:PRO:HD3	1:95:A:ILE:H	3	0.21
(5,69)	1:29:A:LYS:H	1:30:A:LEU:H	15	0.21
(5,52)	1:47:A:ALA:H	1:134:A:VAL:HG11	13	0.21
(5,52)	1:47:A:ALA:H	1:134:A:VAL:HG12	13	0.21
(5,52)	1:47:A:ALA:H	1:134:A:VAL:HG13	13	0.21
(5,11)	1:64:A:LYS:H	1:64:A:LYS:HE2	18	0.21
(5,11)	1:64:A:LYS:H	1:64:A:LYS:HE3	18	0.21
(4,2335)	1:107:A:LEU:HD11	1:115:A:ALA:H	18	0.21
(4,2335)	1:107:A:LEU:HD12	1:115:A:ALA:H	18	0.21
(4,2335)	1:107:A:LEU:HD13	1:115:A:ALA:H	18	0.21
(4,2335)	1:107:A:LEU:HD21	1:115:A:ALA:H	18	0.21
(4,2335)	1:107:A:LEU:HD22	1:115:A:ALA:H	18	0.21
(4,2335)	1:107:A:LEU:HD23	1:115:A:ALA:H	18	0.21
(4,2332)	1:107:A:LEU:HD11	1:112:A:GLN:HA	3	0.21
(4,2332)	1:107:A:LEU:HD12	1:112:A:GLN:HA	3	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2332)	1:107:A:LEU:HD13	1:112:A:GLN:HA	3	0.21
(4,2332)	1:107:A:LEU:HD21	1:112:A:GLN:HA	3	0.21
(4,2332)	1:107:A:LEU:HD22	1:112:A:GLN:HA	3	0.21
(4,2332)	1:107:A:LEU:HD23	1:112:A:GLN:HA	3	0.21
(4,2331)	1:107:A:LEU:HD11	1:112:A:GLN:H	6	0.21
(4,2331)	1:107:A:LEU:HD12	1:112:A:GLN:H	6	0.21
(4,2331)	1:107:A:LEU:HD13	1:112:A:GLN:H	6	0.21
(4,2331)	1:107:A:LEU:HD21	1:112:A:GLN:H	6	0.21
(4,2331)	1:107:A:LEU:HD22	1:112:A:GLN:H	6	0.21
(4,2331)	1:107:A:LEU:HD23	1:112:A:GLN:H	6	0.21
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	15	0.21
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	15	0.21
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	15	0.21
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	15	0.21
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	15	0.21
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	15	0.21
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	15	0.21
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	15	0.21
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	15	0.21
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	15	0.21
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	15	0.21
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	15	0.21
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	18	0.21
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	18	0.21
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	18	0.21
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	18	0.21
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	18	0.21
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	18	0.21
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	18	0.21
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	18	0.21
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	18	0.21
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	18	0.21
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	18	0.21
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	18	0.21
(4,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	4	0.21
(4,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	4	0.21
(4,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	4	0.21
(4,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	4	0.21
(4,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	4	0.21
(4,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	4	0.21
(4,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	4	0.21
(4,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	4	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	4	0.21
(4,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	4	0.21
(4,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	4	0.21
(4,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	4	0.21
(4,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	4	0.21
(4,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	4	0.21
(4,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	4	0.21
(4,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	4	0.21
(4,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	4	0.21
(4,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	4	0.21
(4,2264)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	5	0.21
(4,2264)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	5	0.21
(4,2264)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	5	0.21
(4,2264)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	5	0.21
(4,2227)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.21
(4,2227)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.21
(4,2227)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.21
(4,2227)	1:66:A:THR:HG21	1:96:A:VAL:HG21	2	0.21
(4,2227)	1:66:A:THR:HG21	1:96:A:VAL:HG22	2	0.21
(4,2227)	1:66:A:THR:HG21	1:96:A:VAL:HG23	2	0.21
(4,2227)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.21
(4,2227)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.21
(4,2227)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.21
(4,2227)	1:66:A:THR:HG22	1:96:A:VAL:HG21	2	0.21
(4,2227)	1:66:A:THR:HG22	1:96:A:VAL:HG22	2	0.21
(4,2227)	1:66:A:THR:HG22	1:96:A:VAL:HG23	2	0.21
(4,2227)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.21
(4,2227)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.21
(4,2227)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.21
(4,2227)	1:66:A:THR:HG23	1:96:A:VAL:HG21	2	0.21
(4,2227)	1:66:A:THR:HG23	1:96:A:VAL:HG22	2	0.21
(4,2227)	1:66:A:THR:HG23	1:96:A:VAL:HG23	2	0.21
(4,2222)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	18	0.21
(4,2222)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	18	0.21
(4,2222)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	18	0.21
(4,2222)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	18	0.21
(4,2190)	1:57:A:LEU:HD11	1:60:A:LEU:HG	4	0.21
(4,2190)	1:57:A:LEU:HD12	1:60:A:LEU:HG	4	0.21
(4,2190)	1:57:A:LEU:HD13	1:60:A:LEU:HG	4	0.21
(4,2190)	1:57:A:LEU:HD21	1:60:A:LEU:HG	4	0.21
(4,2190)	1:57:A:LEU:HD22	1:60:A:LEU:HG	4	0.21
(4,2190)	1:57:A:LEU:HD23	1:60:A:LEU:HG	4	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2174)	1:54:A:ARG:HB2	1:58:A:ILE:HG21	13	0.21
(4,2174)	1:54:A:ARG:HB2	1:58:A:ILE:HG22	13	0.21
(4,2174)	1:54:A:ARG:HB2	1:58:A:ILE:HG23	13	0.21
(4,2174)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	13	0.21
(4,2174)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	13	0.21
(4,2174)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	13	0.21
(4,2079)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	3	0.21
(4,2079)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	3	0.21
(4,2079)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	3	0.21
(4,2079)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	3	0.21
(4,2079)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	3	0.21
(4,2079)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	3	0.21
(4,2039)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	14	0.21
(4,2039)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	14	0.21
(4,2039)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	14	0.21
(4,2039)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	14	0.21
(4,2034)	1:23:A:LEU:HD11	1:24:A:ASP:H	10	0.21
(4,2034)	1:23:A:LEU:HD12	1:24:A:ASP:H	10	0.21
(4,2034)	1:23:A:LEU:HD13	1:24:A:ASP:H	10	0.21
(4,2034)	1:23:A:LEU:HD21	1:24:A:ASP:H	10	0.21
(4,2034)	1:23:A:LEU:HD22	1:24:A:ASP:H	10	0.21
(4,2034)	1:23:A:LEU:HD23	1:24:A:ASP:H	10	0.21
(4,2002)	1:16:A:SER:HB2	1:43:A:MET:HE1	19	0.21
(4,2002)	1:16:A:SER:HB2	1:43:A:MET:HE2	19	0.21
(4,2002)	1:16:A:SER:HB2	1:43:A:MET:HE3	19	0.21
(4,2002)	1:16:A:SER:HB3	1:43:A:MET:HE1	19	0.21
(4,2002)	1:16:A:SER:HB3	1:43:A:MET:HE2	19	0.21
(4,2002)	1:16:A:SER:HB3	1:43:A:MET:HE3	19	0.21
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	4	0.21
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	4	0.21
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	4	0.21
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	4	0.21
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	4	0.21
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	4	0.21
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	4	0.21
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	4	0.21
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	4	0.21
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	4	0.21
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	4	0.21
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	4	0.21
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	4	0.21
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	4	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	4	0.21
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	4	0.21
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	4	0.21
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	4	0.21
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	4	0.21
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	4	0.21
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	4	0.21
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	4	0.21
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	4	0.21
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	4	0.21
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	4	0.21
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	4	0.21
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	4	0.21
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	4	0.21
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	4	0.21
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	4	0.21
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	4	0.21
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	4	0.21
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	4	0.21
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	4	0.21
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	4	0.21
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	4	0.21
(4,1907)	1:9:A:PHE:HD1	1:57:A:LEU:HD11	6	0.21
(4,1907)	1:9:A:PHE:HD1	1:57:A:LEU:HD12	6	0.21
(4,1907)	1:9:A:PHE:HD1	1:57:A:LEU:HD13	6	0.21
(4,1907)	1:9:A:PHE:HD1	1:57:A:LEU:HD21	6	0.21
(4,1907)	1:9:A:PHE:HD1	1:57:A:LEU:HD22	6	0.21
(4,1907)	1:9:A:PHE:HD1	1:57:A:LEU:HD23	6	0.21
(4,1907)	1:9:A:PHE:HD2	1:57:A:LEU:HD11	6	0.21
(4,1907)	1:9:A:PHE:HD2	1:57:A:LEU:HD12	6	0.21
(4,1907)	1:9:A:PHE:HD2	1:57:A:LEU:HD13	6	0.21
(4,1907)	1:9:A:PHE:HD2	1:57:A:LEU:HD21	6	0.21
(4,1907)	1:9:A:PHE:HD2	1:57:A:LEU:HD22	6	0.21
(4,1907)	1:9:A:PHE:HD2	1:57:A:LEU:HD23	6	0.21
(4,1891)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	14	0.21
(4,1891)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	14	0.21
(4,1831)	1:9:A:PHE:HZ	1:11:A:ILE:HA	17	0.21
(4,1788)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	18	0.21
(4,1788)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	18	0.21
(4,1788)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	18	0.21
(4,1788)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	18	0.21
(4,1788)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	18	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1788)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	18	0.21
(4,1777)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	6	0.21
(4,1777)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	6	0.21
(4,1677)	1:43:A:MET:HE1	1:131:A:LEU:HA	3	0.21
(4,1677)	1:43:A:MET:HE2	1:131:A:LEU:HA	3	0.21
(4,1677)	1:43:A:MET:HE3	1:131:A:LEU:HA	3	0.21
(4,1626)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	8	0.21
(4,1626)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	8	0.21
(4,1626)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	8	0.21
(4,1626)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	8	0.21
(4,1626)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	8	0.21
(4,1626)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	8	0.21
(4,1562)	1:101:A:ILE:HD11	1:112:A:GLN:HA	8	0.21
(4,1562)	1:101:A:ILE:HD12	1:112:A:GLN:HA	8	0.21
(4,1562)	1:101:A:ILE:HD13	1:112:A:GLN:HA	8	0.21
(4,1550)	1:11:A:ILE:HD11	1:12:A:VAL:H	14	0.21
(4,1550)	1:11:A:ILE:HD12	1:12:A:VAL:H	14	0.21
(4,1550)	1:11:A:ILE:HD13	1:12:A:VAL:H	14	0.21
(4,1508)	1:69:A:MET:HE1	1:113:A:PHE:HB3	8	0.21
(4,1508)	1:69:A:MET:HE2	1:113:A:PHE:HB3	8	0.21
(4,1508)	1:69:A:MET:HE3	1:113:A:PHE:HB3	8	0.21
(4,1502)	1:110:A:MET:HE1	1:113:A:PHE:HE1	19	0.21
(4,1502)	1:110:A:MET:HE1	1:113:A:PHE:HE2	19	0.21
(4,1502)	1:110:A:MET:HE2	1:113:A:PHE:HE1	19	0.21
(4,1502)	1:110:A:MET:HE2	1:113:A:PHE:HE2	19	0.21
(4,1502)	1:110:A:MET:HE3	1:113:A:PHE:HE1	19	0.21
(4,1502)	1:110:A:MET:HE3	1:113:A:PHE:HE2	19	0.21
(4,1499)	1:69:A:MET:HE1	1:115:A:ALA:H	17	0.21
(4,1499)	1:69:A:MET:HE2	1:115:A:ALA:H	17	0.21
(4,1499)	1:69:A:MET:HE3	1:115:A:ALA:H	17	0.21
(4,1472)	1:114:A:ILE:HG21	1:117:A:VAL:H	3	0.21
(4,1472)	1:114:A:ILE:HG22	1:117:A:VAL:H	3	0.21
(4,1472)	1:114:A:ILE:HG23	1:117:A:VAL:H	3	0.21
(4,1423)	1:31:A:PRO:HD3	1:144:A:LEU:HA	18	0.21
(4,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	3	0.21
(4,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	3	0.21
(4,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	3	0.21
(4,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	3	0.21
(4,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	3	0.21
(4,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	3	0.21
(4,1321)	1:103:A:ARG:HG2	1:106:A:ASP:HA	8	0.21
(4,1321)	1:103:A:ARG:HG3	1:106:A:ASP:HA	8	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1310)	1:53:A:THR:H	1:53:A:THR:HG21	11	0.21
(4,1310)	1:53:A:THR:H	1:53:A:THR:HG22	11	0.21
(4,1310)	1:53:A:THR:H	1:53:A:THR:HG23	11	0.21
(4,1265)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	14	0.21
(4,1265)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	14	0.21
(4,1265)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	14	0.21
(4,1224)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	15	0.21
(4,1224)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	15	0.21
(4,1224)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	15	0.21
(4,1224)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	15	0.21
(4,1224)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	15	0.21
(4,1224)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	15	0.21
(4,1224)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	15	0.21
(4,1224)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	15	0.21
(4,1224)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	15	0.21
(4,1200)	1:34:A:LYS:H	1:81:A:GLU:HA	17	0.21
(4,1197)	1:110:A:MET:HA	1:113:A:PHE:HB2	14	0.21
(4,1197)	1:110:A:MET:HA	1:113:A:PHE:HB2	18	0.21
(4,1170)	1:23:A:LEU:HA	1:23:A:LEU:HD21	3	0.21
(4,1170)	1:23:A:LEU:HA	1:23:A:LEU:HD22	3	0.21
(4,1170)	1:23:A:LEU:HA	1:23:A:LEU:HD23	3	0.21
(4,1149)	1:30:A:LEU:H	1:30:A:LEU:HD21	6	0.21
(4,1149)	1:30:A:LEU:H	1:30:A:LEU:HD22	6	0.21
(4,1149)	1:30:A:LEU:H	1:30:A:LEU:HD23	6	0.21
(4,1065)	1:48:A:ARG:HG2	1:49:A:LYS:HA	4	0.21
(4,1065)	1:48:A:ARG:HG3	1:49:A:LYS:HA	4	0.21
(4,962)	1:67:A:PRO:HA	1:70:A:LYS:HB2	1	0.21
(4,962)	1:67:A:PRO:HA	1:70:A:LYS:HB3	1	0.21
(4,940)	1:11:A:ILE:HD11	1:12:A:VAL:HA	4	0.21
(4,940)	1:11:A:ILE:HD12	1:12:A:VAL:HA	4	0.21
(4,940)	1:11:A:ILE:HD13	1:12:A:VAL:HA	4	0.21
(4,919)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	4	0.21
(4,919)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	4	0.21
(4,863)	1:35:A:LEU:HB3	1:39:A:VAL:HB	18	0.21
(4,857)	1:8:A:ASP:H	1:8:A:ASP:HB3	7	0.21
(4,836)	1:48:A:ARG:H	1:48:A:ARG:HD2	16	0.21
(4,836)	1:48:A:ARG:H	1:48:A:ARG:HD3	16	0.21
(4,820)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	2	0.21
(4,820)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	2	0.21
(4,820)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	2	0.21
(4,820)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	2	0.21
(4,820)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	2	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,820)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	2	0.21
(4,776)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	19	0.21
(4,776)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	19	0.21
(4,776)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	19	0.21
(4,760)	1:73:A:ILE:HD11	1:113:A:PHE:HA	8	0.21
(4,760)	1:73:A:ILE:HD12	1:113:A:PHE:HA	8	0.21
(4,760)	1:73:A:ILE:HD13	1:113:A:PHE:HA	8	0.21
(4,582)	1:75:A:GLY:H	1:76:A:ARG:HG2	2	0.21
(4,582)	1:75:A:GLY:H	1:76:A:ARG:HG3	2	0.21
(4,356)	1:70:A:LYS:H	1:73:A:ILE:HD11	8	0.21
(4,356)	1:70:A:LYS:H	1:73:A:ILE:HD12	8	0.21
(4,356)	1:70:A:LYS:H	1:73:A:ILE:HD13	8	0.21
(4,304)	1:64:A:LYS:HD2	1:65:A:CYS:H	16	0.21
(4,304)	1:64:A:LYS:HD3	1:65:A:CYS:H	16	0.21
(4,270)	1:112:A:GLN:H	1:112:A:GLN:HE21	15	0.21
(4,213)	1:44:A:GLU:HG2	1:48:A:ARG:H	4	0.21
(4,123)	1:79:A:THR:HB	1:80:A:TYR:H	19	0.21
(4,59)	1:11:A:ILE:HD11	1:47:A:ALA:H	10	0.21
(4,59)	1:11:A:ILE:HD12	1:47:A:ALA:H	10	0.21
(4,59)	1:11:A:ILE:HD13	1:47:A:ALA:H	10	0.21
(4,36)	1:95:A:ILE:HB	1:96:A:VAL:H	18	0.21
(4,15)	1:64:A:LYS:H	1:64:A:LYS:HD2	17	0.21
(4,15)	1:64:A:LYS:H	1:64:A:LYS:HD3	17	0.21
(3,2499)	1:140:A:LEU:HD11	1:144:A:LEU:H	3	0.21
(3,2499)	1:140:A:LEU:HD12	1:144:A:LEU:H	3	0.21
(3,2499)	1:140:A:LEU:HD13	1:144:A:LEU:H	3	0.21
(3,2499)	1:140:A:LEU:HD21	1:144:A:LEU:H	3	0.21
(3,2499)	1:140:A:LEU:HD22	1:144:A:LEU:H	3	0.21
(3,2499)	1:140:A:LEU:HD23	1:144:A:LEU:H	3	0.21
(3,2499)	1:140:A:LEU:HD11	1:144:A:LEU:H	9	0.21
(3,2499)	1:140:A:LEU:HD12	1:144:A:LEU:H	9	0.21
(3,2499)	1:140:A:LEU:HD13	1:144:A:LEU:H	9	0.21
(3,2499)	1:140:A:LEU:HD21	1:144:A:LEU:H	9	0.21
(3,2499)	1:140:A:LEU:HD22	1:144:A:LEU:H	9	0.21
(3,2499)	1:140:A:LEU:HD23	1:144:A:LEU:H	9	0.21
(3,2484)	1:139:A:LEU:HD11	1:142:A:LYS:HA	10	0.21
(3,2484)	1:139:A:LEU:HD12	1:142:A:LYS:HA	10	0.21
(3,2484)	1:139:A:LEU:HD13	1:142:A:LYS:HA	10	0.21
(3,2484)	1:139:A:LEU:HD21	1:142:A:LYS:HA	10	0.21
(3,2484)	1:139:A:LEU:HD22	1:142:A:LYS:HA	10	0.21
(3,2484)	1:139:A:LEU:HD23	1:142:A:LYS:HA	10	0.21
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	3	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	3	0.21
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	3	0.21
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	3	0.21
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	3	0.21
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	3	0.21
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	3	0.21
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	3	0.21
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	3	0.21
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	3	0.21
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	3	0.21
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	3	0.21
(3,2306)	1:79:A:THR:HG21	1:81:A:GLU:HB2	16	0.21
(3,2306)	1:79:A:THR:HG21	1:81:A:GLU:HB3	16	0.21
(3,2306)	1:79:A:THR:HG22	1:81:A:GLU:HB2	16	0.21
(3,2306)	1:79:A:THR:HG22	1:81:A:GLU:HB3	16	0.21
(3,2306)	1:79:A:THR:HG23	1:81:A:GLU:HB2	16	0.21
(3,2306)	1:79:A:THR:HG23	1:81:A:GLU:HB3	16	0.21
(3,2223)	1:59:A:CYS:HA	1:60:A:LEU:HD11	5	0.21
(3,2223)	1:59:A:CYS:HA	1:60:A:LEU:HD12	5	0.21
(3,2223)	1:59:A:CYS:HA	1:60:A:LEU:HD13	5	0.21
(3,2223)	1:59:A:CYS:HA	1:60:A:LEU:HD21	5	0.21
(3,2223)	1:59:A:CYS:HA	1:60:A:LEU:HD22	5	0.21
(3,2223)	1:59:A:CYS:HA	1:60:A:LEU:HD23	5	0.21
(3,2201)	1:53:A:THR:H	1:57:A:LEU:HD11	16	0.21
(3,2201)	1:53:A:THR:H	1:57:A:LEU:HD12	16	0.21
(3,2201)	1:53:A:THR:H	1:57:A:LEU:HD13	16	0.21
(3,2201)	1:53:A:THR:H	1:57:A:LEU:HD21	16	0.21
(3,2201)	1:53:A:THR:H	1:57:A:LEU:HD22	16	0.21
(3,2201)	1:53:A:THR:H	1:57:A:LEU:HD23	16	0.21
(3,2194)	1:47:A:ALA:HA	1:131:A:LEU:HD11	5	0.21
(3,2194)	1:47:A:ALA:HA	1:131:A:LEU:HD12	5	0.21
(3,2194)	1:47:A:ALA:HA	1:131:A:LEU:HD13	5	0.21
(3,2194)	1:47:A:ALA:HA	1:131:A:LEU:HD21	5	0.21
(3,2194)	1:47:A:ALA:HA	1:131:A:LEU:HD22	5	0.21
(3,2194)	1:47:A:ALA:HA	1:131:A:LEU:HD23	5	0.21
(3,2145)	1:39:A:VAL:HG11	1:144:A:LEU:H	5	0.21
(3,2145)	1:39:A:VAL:HG12	1:144:A:LEU:H	5	0.21
(3,2145)	1:39:A:VAL:HG13	1:144:A:LEU:H	5	0.21
(3,2145)	1:39:A:VAL:HG21	1:144:A:LEU:H	5	0.21
(3,2145)	1:39:A:VAL:HG22	1:144:A:LEU:H	5	0.21
(3,2145)	1:39:A:VAL:HG23	1:144:A:LEU:H	5	0.21
(3,2145)	1:39:A:VAL:HG11	1:144:A:LEU:H	11	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2145)	1:39:A:VAL:HG12	1:144:A:LEU:H	11	0.21
(3,2145)	1:39:A:VAL:HG13	1:144:A:LEU:H	11	0.21
(3,2145)	1:39:A:VAL:HG21	1:144:A:LEU:H	11	0.21
(3,2145)	1:39:A:VAL:HG22	1:144:A:LEU:H	11	0.21
(3,2145)	1:39:A:VAL:HG23	1:144:A:LEU:H	11	0.21
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG11	11	0.21
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG12	11	0.21
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG13	11	0.21
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG21	11	0.21
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG22	11	0.21
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG23	11	0.21
(3,2107)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	18	0.21
(3,2107)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	18	0.21
(3,2107)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	18	0.21
(3,2107)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	18	0.21
(3,2107)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	18	0.21
(3,2107)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	18	0.21
(3,2085)	1:32:A:GLY:HA2	1:34:A:LYS:H	2	0.21
(3,2085)	1:32:A:GLY:HA3	1:34:A:LYS:H	2	0.21
(3,2021)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	2	0.21
(3,2021)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	2	0.21
(3,2021)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	2	0.21
(3,2021)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	2	0.21
(3,2021)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	2	0.21
(3,2021)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	2	0.21
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	9	0.21
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	9	0.21
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	9	0.21
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	9	0.21
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	9	0.21
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	9	0.21
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	9	0.21
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	9	0.21
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	9	0.21
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	9	0.21
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	9	0.21
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	9	0.21
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	9	0.21
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	9	0.21
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	9	0.21
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	9	0.21
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	9	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	9	0.21
(3,1942)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	14	0.21
(3,1942)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	14	0.21
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE1	15	0.21
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE2	15	0.21
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE1	19	0.21
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE2	19	0.21
(3,1891)	1:18:A:PHE:HA	1:113:A:PHE:HE1	13	0.21
(3,1891)	1:18:A:PHE:HA	1:113:A:PHE:HE2	13	0.21
(3,1883)	1:9:A:PHE:HZ	1:11:A:ILE:HA	13	0.21
(3,1867)	1:61:A:SER:H	1:62:A:HIS:HD2	5	0.21
(3,1833)	1:104:A:PHE:HE1	1:105:A:LYS:HA	7	0.21
(3,1833)	1:104:A:PHE:HE2	1:105:A:LYS:HA	7	0.21
(3,1798)	1:97:A:ASP:HA	1:105:A:LYS:HA	9	0.21
(3,1773)	1:31:A:PRO:HB2	1:35:A:LEU:HA	12	0.21
(3,1773)	1:31:A:PRO:HB3	1:35:A:LEU:HA	12	0.21
(3,1729)	1:43:A:MET:HE1	1:131:A:LEU:HA	3	0.21
(3,1729)	1:43:A:MET:HE2	1:131:A:LEU:HA	3	0.21
(3,1729)	1:43:A:MET:HE3	1:131:A:LEU:HA	3	0.21
(3,1601)	1:11:A:ILE:HD11	1:12:A:VAL:H	14	0.21
(3,1601)	1:11:A:ILE:HD12	1:12:A:VAL:H	14	0.21
(3,1601)	1:11:A:ILE:HD13	1:12:A:VAL:H	14	0.21
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD21	18	0.21
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD22	18	0.21
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD23	18	0.21
(3,1542)	1:69:A:MET:HE1	1:115:A:ALA:H	17	0.21
(3,1542)	1:69:A:MET:HE2	1:115:A:ALA:H	17	0.21
(3,1542)	1:69:A:MET:HE3	1:115:A:ALA:H	17	0.21
(3,1506)	1:101:A:ILE:HG21	1:115:A:ALA:HA	13	0.21
(3,1506)	1:101:A:ILE:HG22	1:115:A:ALA:HA	13	0.21
(3,1506)	1:101:A:ILE:HG23	1:115:A:ALA:HA	13	0.21
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	18	0.21
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	18	0.21
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	18	0.21
(3,1449)	1:121:A:VAL:HG21	1:123:A:CYS:H	15	0.21
(3,1449)	1:121:A:VAL:HG22	1:123:A:CYS:H	15	0.21
(3,1449)	1:121:A:VAL:HG23	1:123:A:CYS:H	15	0.21
(3,1380)	1:24:A:ASP:HB2	1:25:A:ALA:HA	13	0.21
(3,1380)	1:24:A:ASP:HB3	1:25:A:ALA:HA	13	0.21
(3,1311)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	14	0.21
(3,1311)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	14	0.21
(3,1311)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	14	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1278)	1:9:A:PHE:HD1	1:40:A:LEU:HD21	4	0.21
(3,1278)	1:9:A:PHE:HD1	1:40:A:LEU:HD22	4	0.21
(3,1278)	1:9:A:PHE:HD1	1:40:A:LEU:HD23	4	0.21
(3,1278)	1:9:A:PHE:HD2	1:40:A:LEU:HD21	4	0.21
(3,1278)	1:9:A:PHE:HD2	1:40:A:LEU:HD22	4	0.21
(3,1278)	1:9:A:PHE:HD2	1:40:A:LEU:HD23	4	0.21
(3,1225)	1:41:A:LYS:HA	1:41:A:LYS:HG2	9	0.21
(3,1218)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	15	0.21
(3,1218)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	15	0.21
(3,1218)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	15	0.21
(3,1218)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	15	0.21
(3,1218)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	15	0.21
(3,1218)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	15	0.21
(3,1218)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	15	0.21
(3,1218)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	15	0.21
(3,1218)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	15	0.21
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD11	8	0.21
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD12	8	0.21
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD13	8	0.21
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD11	1	0.21
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD12	1	0.21
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD13	1	0.21
(3,1047)	1:41:A:LYS:HA	1:44:A:GLU:HB2	3	0.21
(3,1047)	1:41:A:LYS:HA	1:44:A:GLU:HB3	3	0.21
(3,1040)	1:113:A:PHE:HA	1:116:A:GLN:HG3	19	0.21
(3,966)	1:39:A:VAL:HA	1:140:A:LEU:HD11	12	0.21
(3,966)	1:39:A:VAL:HA	1:140:A:LEU:HD12	12	0.21
(3,966)	1:39:A:VAL:HA	1:140:A:LEU:HD13	12	0.21
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB1	17	0.21
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB2	17	0.21
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB3	17	0.21
(3,875)	1:8:A:ASP:H	1:8:A:ASP:HB3	7	0.21
(3,848)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	18	0.21
(3,848)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	18	0.21
(3,848)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	18	0.21
(3,848)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	18	0.21
(3,848)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	18	0.21
(3,848)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	18	0.21
(3,825)	1:64:A:LYS:H	1:98:A:ILE:HD11	6	0.21
(3,825)	1:64:A:LYS:H	1:98:A:ILE:HD12	6	0.21
(3,825)	1:64:A:LYS:H	1:98:A:ILE:HD13	6	0.21
(3,586)	1:126:A:GLY:H	1:128:A:LEU:HG	10	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,586)	1:126:A:GLY:H	1:128:A:LEU:HG	14	0.21
(3,285)	1:50:A:ALA:H	1:52:A:CYS:H	6	0.21
(3,111)	1:21:A:THR:HB	1:22:A:ASP:H	13	0.21
(3,104)	1:69:A:MET:H	1:69:A:MET:HE1	16	0.21
(3,104)	1:69:A:MET:H	1:69:A:MET:HE2	16	0.21
(3,104)	1:69:A:MET:H	1:69:A:MET:HE3	16	0.21
(3,73)	1:29:A:LYS:H	1:30:A:LEU:H	15	0.21
(3,58)	1:11:A:ILE:HD11	1:47:A:ALA:H	7	0.21
(3,58)	1:11:A:ILE:HD12	1:47:A:ALA:H	7	0.21
(3,58)	1:11:A:ILE:HD13	1:47:A:ALA:H	7	0.21
(3,13)	1:64:A:LYS:H	1:64:A:LYS:HE2	18	0.21
(3,13)	1:64:A:LYS:H	1:64:A:LYS:HE3	18	0.21
(3,7)	1:39:A:VAL:HG11	1:143:A:TRP:HE1	17	0.21
(3,7)	1:39:A:VAL:HG12	1:143:A:TRP:HE1	17	0.21
(3,7)	1:39:A:VAL:HG13	1:143:A:TRP:HE1	17	0.21
(2,2456)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	2	0.21
(2,2456)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	2	0.21
(2,2456)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	2	0.21
(2,2456)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	2	0.21
(2,2456)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	2	0.21
(2,2456)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	2	0.21
(2,2449)	1:139:A:LEU:HD11	1:142:A:LYS:HA	10	0.21
(2,2449)	1:139:A:LEU:HD12	1:142:A:LYS:HA	10	0.21
(2,2449)	1:139:A:LEU:HD13	1:142:A:LYS:HA	10	0.21
(2,2449)	1:139:A:LEU:HD21	1:142:A:LYS:HA	10	0.21
(2,2449)	1:139:A:LEU:HD22	1:142:A:LYS:HA	10	0.21
(2,2449)	1:139:A:LEU:HD23	1:142:A:LYS:HA	10	0.21
(2,2347)	1:107:A:LEU:HA	1:108:A:GLU:HG2	6	0.21
(2,2347)	1:107:A:LEU:HA	1:108:A:GLU:HG3	6	0.21
(2,2335)	1:104:A:PHE:HE1	1:116:A:GLN:HG2	3	0.21
(2,2335)	1:104:A:PHE:HE1	1:116:A:GLN:HG3	3	0.21
(2,2335)	1:104:A:PHE:HE2	1:116:A:GLN:HG2	3	0.21
(2,2335)	1:104:A:PHE:HE2	1:116:A:GLN:HG3	3	0.21
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	15	0.21
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	15	0.21
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	15	0.21
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	15	0.21
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	15	0.21
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	15	0.21
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	15	0.21
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	15	0.21
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	15	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	15	0.21
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	15	0.21
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	15	0.21
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	18	0.21
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	18	0.21
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	18	0.21
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	18	0.21
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	18	0.21
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	18	0.21
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	18	0.21
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	18	0.21
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	18	0.21
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	18	0.21
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	18	0.21
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	18	0.21
(2,2297)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	3	0.21
(2,2297)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	3	0.21
(2,2260)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	9	0.21
(2,2260)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	9	0.21
(2,2258)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.21
(2,2258)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.21
(2,2258)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.21
(2,2258)	1:66:A:THR:HG21	1:96:A:VAL:HG21	2	0.21
(2,2258)	1:66:A:THR:HG21	1:96:A:VAL:HG22	2	0.21
(2,2258)	1:66:A:THR:HG21	1:96:A:VAL:HG23	2	0.21
(2,2258)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.21
(2,2258)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.21
(2,2258)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.21
(2,2258)	1:66:A:THR:HG22	1:96:A:VAL:HG21	2	0.21
(2,2258)	1:66:A:THR:HG22	1:96:A:VAL:HG22	2	0.21
(2,2258)	1:66:A:THR:HG22	1:96:A:VAL:HG23	2	0.21
(2,2258)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.21
(2,2258)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.21
(2,2258)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.21
(2,2258)	1:66:A:THR:HG23	1:96:A:VAL:HG21	2	0.21
(2,2258)	1:66:A:THR:HG23	1:96:A:VAL:HG22	2	0.21
(2,2258)	1:66:A:THR:HG23	1:96:A:VAL:HG23	2	0.21
(2,2191)	1:47:A:ALA:HA	1:131:A:LEU:HD11	5	0.21
(2,2191)	1:47:A:ALA:HA	1:131:A:LEU:HD12	5	0.21
(2,2191)	1:47:A:ALA:HA	1:131:A:LEU:HD13	5	0.21
(2,2191)	1:47:A:ALA:HA	1:131:A:LEU:HD21	5	0.21
(2,2191)	1:47:A:ALA:HA	1:131:A:LEU:HD22	5	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2191)	1:47:A:ALA:HA	1:131:A:LEU:HD23	5	0.21
(2,2182)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	11	0.21
(2,2182)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	11	0.21
(2,2182)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	11	0.21
(2,2182)	1:46:A:ASN:HB2	1:134:A:VAL:HG21	11	0.21
(2,2182)	1:46:A:ASN:HB2	1:134:A:VAL:HG22	11	0.21
(2,2182)	1:46:A:ASN:HB2	1:134:A:VAL:HG23	11	0.21
(2,2182)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	11	0.21
(2,2182)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	11	0.21
(2,2182)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	11	0.21
(2,2182)	1:46:A:ASN:HB3	1:134:A:VAL:HG21	11	0.21
(2,2182)	1:46:A:ASN:HB3	1:134:A:VAL:HG22	11	0.21
(2,2182)	1:46:A:ASN:HB3	1:134:A:VAL:HG23	11	0.21
(2,2115)	1:39:A:VAL:H	1:139:A:LEU:HD11	4	0.21
(2,2115)	1:39:A:VAL:H	1:139:A:LEU:HD12	4	0.21
(2,2115)	1:39:A:VAL:H	1:139:A:LEU:HD13	4	0.21
(2,2115)	1:39:A:VAL:H	1:139:A:LEU:HD21	4	0.21
(2,2115)	1:39:A:VAL:H	1:139:A:LEU:HD22	4	0.21
(2,2115)	1:39:A:VAL:H	1:139:A:LEU:HD23	4	0.21
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG11	11	0.21
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG12	11	0.21
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG13	11	0.21
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG21	11	0.21
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG22	11	0.21
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG23	11	0.21
(2,2021)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	12	0.21
(2,2021)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	12	0.21
(2,2021)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	12	0.21
(2,2021)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	12	0.21
(2,2021)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	12	0.21
(2,2021)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	12	0.21
(2,2021)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	12	0.21
(2,2021)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	12	0.21
(2,2021)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	12	0.21
(2,2021)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	12	0.21
(2,2021)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	12	0.21
(2,2021)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	12	0.21
(2,2021)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	12	0.21
(2,2021)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	12	0.21
(2,2021)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	12	0.21
(2,2021)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	12	0.21
(2,2021)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	12	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2021)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	12	0.21
(2,2021)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	12	0.21
(2,2021)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	12	0.21
(2,2021)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	12	0.21
(2,2021)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	12	0.21
(2,2021)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	12	0.21
(2,2021)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	12	0.21
(2,2021)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	12	0.21
(2,2021)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	12	0.21
(2,2021)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	12	0.21
(2,2021)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	12	0.21
(2,2021)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	12	0.21
(2,2021)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	12	0.21
(2,2021)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	12	0.21
(2,2021)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	12	0.21
(2,2021)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	12	0.21
(2,2021)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	12	0.21
(2,2021)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	12	0.21
(2,2021)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	12	0.21
(2,1995)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	9	0.21
(2,1995)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	9	0.21
(2,1995)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	9	0.21
(2,1995)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	9	0.21
(2,1995)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	9	0.21
(2,1995)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	9	0.21
(2,1995)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	9	0.21
(2,1995)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	9	0.21
(2,1995)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	9	0.21
(2,1995)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	9	0.21
(2,1995)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	9	0.21
(2,1995)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	9	0.21
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	9	0.21
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	9	0.21
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	9	0.21
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	9	0.21
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	9	0.21
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	9	0.21
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	9	0.21
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	9	0.21
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	9	0.21
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	9	0.21
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	9	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	9	0.21
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	9	0.21
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	9	0.21
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	9	0.21
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	9	0.21
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	9	0.21
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	9	0.21
(2,1960)	1:9:A:PHE:HD1	1:57:A:LEU:HD11	11	0.21
(2,1960)	1:9:A:PHE:HD1	1:57:A:LEU:HD12	11	0.21
(2,1960)	1:9:A:PHE:HD1	1:57:A:LEU:HD13	11	0.21
(2,1960)	1:9:A:PHE:HD1	1:57:A:LEU:HD21	11	0.21
(2,1960)	1:9:A:PHE:HD1	1:57:A:LEU:HD22	11	0.21
(2,1960)	1:9:A:PHE:HD1	1:57:A:LEU:HD23	11	0.21
(2,1960)	1:9:A:PHE:HD2	1:57:A:LEU:HD11	11	0.21
(2,1960)	1:9:A:PHE:HD2	1:57:A:LEU:HD12	11	0.21
(2,1960)	1:9:A:PHE:HD2	1:57:A:LEU:HD13	11	0.21
(2,1960)	1:9:A:PHE:HD2	1:57:A:LEU:HD21	11	0.21
(2,1960)	1:9:A:PHE:HD2	1:57:A:LEU:HD22	11	0.21
(2,1960)	1:9:A:PHE:HD2	1:57:A:LEU:HD23	11	0.21
(2,1898)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	8	0.21
(2,1898)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	8	0.21
(2,1898)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	8	0.21
(2,1898)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	8	0.21
(2,1898)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	8	0.21
(2,1898)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	8	0.21
(2,1879)	1:9:A:PHE:HD1	1:11:A:ILE:H	2	0.21
(2,1879)	1:9:A:PHE:HD2	1:11:A:ILE:H	2	0.21
(2,1873)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	9	0.21
(2,1873)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	9	0.21
(2,1873)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	9	0.21
(2,1873)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	9	0.21
(2,1701)	1:69:A:MET:HA	1:109:A:PRO:HA	19	0.21
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	15	0.21
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	15	0.21
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	15	0.21
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	15	0.21
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	15	0.21
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	15	0.21
(2,1581)	1:11:A:ILE:HD11	1:12:A:VAL:H	14	0.21
(2,1581)	1:11:A:ILE:HD12	1:12:A:VAL:H	14	0.21
(2,1581)	1:11:A:ILE:HD13	1:12:A:VAL:H	14	0.21
(2,1569)	1:115:A:ALA:HB1	1:117:A:VAL:HG21	9	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1569)	1:115:A:ALA:HB1	1:117:A:VAL:HG22	9	0.21
(2,1569)	1:115:A:ALA:HB1	1:117:A:VAL:HG23	9	0.21
(2,1569)	1:115:A:ALA:HB2	1:117:A:VAL:HG21	9	0.21
(2,1569)	1:115:A:ALA:HB2	1:117:A:VAL:HG22	9	0.21
(2,1569)	1:115:A:ALA:HB2	1:117:A:VAL:HG23	9	0.21
(2,1569)	1:115:A:ALA:HB3	1:117:A:VAL:HG21	9	0.21
(2,1569)	1:115:A:ALA:HB3	1:117:A:VAL:HG22	9	0.21
(2,1569)	1:115:A:ALA:HB3	1:117:A:VAL:HG23	9	0.21
(2,1528)	1:69:A:MET:HE1	1:113:A:PHE:HB3	8	0.21
(2,1528)	1:69:A:MET:HE2	1:113:A:PHE:HB3	8	0.21
(2,1528)	1:69:A:MET:HE3	1:113:A:PHE:HB3	8	0.21
(2,1519)	1:69:A:MET:HE1	1:115:A:ALA:H	17	0.21
(2,1519)	1:69:A:MET:HE2	1:115:A:ALA:H	17	0.21
(2,1519)	1:69:A:MET:HE3	1:115:A:ALA:H	17	0.21
(2,1495)	1:114:A:ILE:HG21	1:117:A:VAL:H	3	0.21
(2,1495)	1:114:A:ILE:HG22	1:117:A:VAL:H	3	0.21
(2,1495)	1:114:A:ILE:HG23	1:117:A:VAL:H	3	0.21
(2,1486)	1:101:A:ILE:HG21	1:115:A:ALA:HA	13	0.21
(2,1486)	1:101:A:ILE:HG22	1:115:A:ALA:HA	13	0.21
(2,1486)	1:101:A:ILE:HG23	1:115:A:ALA:HA	13	0.21
(2,1475)	1:45:A:ALA:HB1	1:47:A:ALA:H	1	0.21
(2,1475)	1:45:A:ALA:HB2	1:47:A:ALA:H	1	0.21
(2,1475)	1:45:A:ALA:HB3	1:47:A:ALA:H	1	0.21
(2,1458)	1:30:A:LEU:HB2	1:145:A:PRO:HD2	6	0.21
(2,1458)	1:30:A:LEU:HB3	1:145:A:PRO:HD2	6	0.21
(2,1435)	1:121:A:VAL:HG21	1:123:A:CYS:H	15	0.21
(2,1435)	1:121:A:VAL:HG22	1:123:A:CYS:H	15	0.21
(2,1435)	1:121:A:VAL:HG23	1:123:A:CYS:H	15	0.21
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG21	8	0.21
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG22	8	0.21
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG23	8	0.21
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG21	8	0.21
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG22	8	0.21
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG23	8	0.21
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG21	8	0.21
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG22	8	0.21
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG23	8	0.21
(2,1339)	1:103:A:ARG:HG2	1:106:A:ASP:HA	8	0.21
(2,1339)	1:103:A:ARG:HG3	1:106:A:ASP:HA	8	0.21
(2,1127)	1:144:A:LEU:HB2	1:144:A:LEU:HD21	5	0.21
(2,1127)	1:144:A:LEU:HB2	1:144:A:LEU:HD22	5	0.21
(2,1127)	1:144:A:LEU:HB2	1:144:A:LEU:HD23	5	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1117)	1:50:A:ALA:HB1	1:127:A:CYS:HA	5	0.21
(2,1117)	1:50:A:ALA:HB2	1:127:A:CYS:HA	5	0.21
(2,1117)	1:50:A:ALA:HB3	1:127:A:CYS:HA	5	0.21
(2,968)	1:47:A:ALA:HB1	1:134:A:VAL:HB	12	0.21
(2,968)	1:47:A:ALA:HB2	1:134:A:VAL:HB	12	0.21
(2,968)	1:47:A:ALA:HB3	1:134:A:VAL:HB	12	0.21
(2,964)	1:67:A:PRO:HA	1:70:A:LYS:HB2	1	0.21
(2,964)	1:67:A:PRO:HA	1:70:A:LYS:HB3	1	0.21
(2,950)	1:70:A:LYS:HB2	1:74:A:PRO:HA	6	0.21
(2,950)	1:70:A:LYS:HB3	1:74:A:PRO:HA	6	0.21
(2,936)	1:39:A:VAL:HA	1:140:A:LEU:HD11	5	0.21
(2,936)	1:39:A:VAL:HA	1:140:A:LEU:HD12	5	0.21
(2,936)	1:39:A:VAL:HA	1:140:A:LEU:HD13	5	0.21
(2,915)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	4	0.21
(2,915)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	4	0.21
(2,828)	1:110:A:MET:HG2	1:114:A:ILE:HD11	13	0.21
(2,828)	1:110:A:MET:HG2	1:114:A:ILE:HD12	13	0.21
(2,828)	1:110:A:MET:HG2	1:114:A:ILE:HD13	13	0.21
(2,828)	1:110:A:MET:HG3	1:114:A:ILE:HD11	13	0.21
(2,828)	1:110:A:MET:HG3	1:114:A:ILE:HD12	13	0.21
(2,828)	1:110:A:MET:HG3	1:114:A:ILE:HD13	13	0.21
(2,756)	1:53:A:THR:H	1:53:A:THR:HG21	15	0.21
(2,756)	1:53:A:THR:H	1:53:A:THR:HG22	15	0.21
(2,756)	1:53:A:THR:H	1:53:A:THR:HG23	15	0.21
(2,592)	1:25:A:ALA:HA	1:28:A:GLY:H	1	0.21
(2,588)	1:70:A:LYS:HB2	1:75:A:GLY:H	5	0.21
(2,588)	1:70:A:LYS:HB3	1:75:A:GLY:H	5	0.21
(2,509)	1:70:A:LYS:HE2	1:71:A:LYS:H	14	0.21
(2,509)	1:70:A:LYS:HE3	1:71:A:LYS:H	14	0.21
(2,391)	1:105:A:LYS:HD2	1:106:A:ASP:H	15	0.21
(2,391)	1:105:A:LYS:HD3	1:106:A:ASP:H	15	0.21
(2,366)	1:70:A:LYS:H	1:73:A:ILE:HD11	8	0.21
(2,366)	1:70:A:LYS:H	1:73:A:ILE:HD12	8	0.21
(2,366)	1:70:A:LYS:H	1:73:A:ILE:HD13	8	0.21
(2,282)	1:50:A:ALA:H	1:52:A:CYS:H	6	0.21
(2,242)	1:23:A:LEU:HD21	1:24:A:ASP:H	16	0.21
(2,242)	1:23:A:LEU:HD22	1:24:A:ASP:H	16	0.21
(2,242)	1:23:A:LEU:HD23	1:24:A:ASP:H	16	0.21
(2,226)	1:10:A:ASN:H	1:10:A:ASN:HB3	15	0.21
(2,117)	1:10:A:ASN:HD22	1:80:A:TYR:H	2	0.21
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD11	13	0.21
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD12	13	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD13	13	0.21
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD21	13	0.21
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD22	13	0.21
(1,2348)	1:117:A:VAL:HG11	1:131:A:LEU:HD23	13	0.21
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD11	13	0.21
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD12	13	0.21
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD13	13	0.21
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD21	13	0.21
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD22	13	0.21
(1,2348)	1:117:A:VAL:HG12	1:131:A:LEU:HD23	13	0.21
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD11	13	0.21
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD12	13	0.21
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD13	13	0.21
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD21	13	0.21
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD22	13	0.21
(1,2348)	1:117:A:VAL:HG13	1:131:A:LEU:HD23	13	0.21
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD11	13	0.21
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD12	13	0.21
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD13	13	0.21
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD21	13	0.21
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD22	13	0.21
(1,2348)	1:117:A:VAL:HG21	1:131:A:LEU:HD23	13	0.21
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD11	13	0.21
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD12	13	0.21
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD13	13	0.21
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD21	13	0.21
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD22	13	0.21
(1,2348)	1:117:A:VAL:HG22	1:131:A:LEU:HD23	13	0.21
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD11	13	0.21
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD12	13	0.21
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD13	13	0.21
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD21	13	0.21
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD22	13	0.21
(1,2348)	1:117:A:VAL:HG23	1:131:A:LEU:HD23	13	0.21
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD11	1	0.21
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD12	1	0.21
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD13	1	0.21
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD21	1	0.21
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD22	1	0.21
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD23	1	0.21
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	3	0.21
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	3	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	3	0.21
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	3	0.21
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	3	0.21
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	3	0.21
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	3	0.21
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	3	0.21
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	3	0.21
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	3	0.21
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	3	0.21
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	3	0.21
(1,2254)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	19	0.21
(1,2254)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	19	0.21
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	3	0.21
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	3	0.21
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	3	0.21
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	3	0.21
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	3	0.21
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	3	0.21
(1,2161)	1:54:A:ARG:HB2	1:58:A:ILE:HG21	13	0.21
(1,2161)	1:54:A:ARG:HB2	1:58:A:ILE:HG22	13	0.21
(1,2161)	1:54:A:ARG:HB2	1:58:A:ILE:HG23	13	0.21
(1,2161)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	13	0.21
(1,2161)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	13	0.21
(1,2161)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	13	0.21
(1,2155)	1:53:A:THR:H	1:57:A:LEU:HD11	16	0.21
(1,2155)	1:53:A:THR:H	1:57:A:LEU:HD12	16	0.21
(1,2155)	1:53:A:THR:H	1:57:A:LEU:HD13	16	0.21
(1,2155)	1:53:A:THR:H	1:57:A:LEU:HD21	16	0.21
(1,2155)	1:53:A:THR:H	1:57:A:LEU:HD22	16	0.21
(1,2155)	1:53:A:THR:H	1:57:A:LEU:HD23	16	0.21
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD11	1	0.21
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD12	1	0.21
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD13	1	0.21
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD21	1	0.21
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD22	1	0.21
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD23	1	0.21
(1,2105)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	1	0.21
(1,2105)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	1	0.21
(1,2105)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	1	0.21
(1,2105)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	1	0.21
(1,2105)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	1	0.21
(1,2105)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	1	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2105)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	1	0.21
(1,2105)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	1	0.21
(1,2105)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	1	0.21
(1,2105)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	1	0.21
(1,2105)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	1	0.21
(1,2105)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	1	0.21
(1,2072)	1:35:A:LEU:HD11	1:143:A:TRP:HB2	19	0.21
(1,2072)	1:35:A:LEU:HD12	1:143:A:TRP:HB2	19	0.21
(1,2072)	1:35:A:LEU:HD13	1:143:A:TRP:HB2	19	0.21
(1,2072)	1:35:A:LEU:HD21	1:143:A:TRP:HB2	19	0.21
(1,2072)	1:35:A:LEU:HD22	1:143:A:TRP:HB2	19	0.21
(1,2072)	1:35:A:LEU:HD23	1:143:A:TRP:HB2	19	0.21
(1,2026)	1:23:A:LEU:HD11	1:25:A:ALA:H	13	0.21
(1,2026)	1:23:A:LEU:HD12	1:25:A:ALA:H	13	0.21
(1,2026)	1:23:A:LEU:HD13	1:25:A:ALA:H	13	0.21
(1,2026)	1:23:A:LEU:HD21	1:25:A:ALA:H	13	0.21
(1,2026)	1:23:A:LEU:HD22	1:25:A:ALA:H	13	0.21
(1,2026)	1:23:A:LEU:HD23	1:25:A:ALA:H	13	0.21
(1,2026)	1:23:A:LEU:HD11	1:25:A:ALA:H	19	0.21
(1,2026)	1:23:A:LEU:HD12	1:25:A:ALA:H	19	0.21
(1,2026)	1:23:A:LEU:HD13	1:25:A:ALA:H	19	0.21
(1,2026)	1:23:A:LEU:HD21	1:25:A:ALA:H	19	0.21
(1,2026)	1:23:A:LEU:HD22	1:25:A:ALA:H	19	0.21
(1,2026)	1:23:A:LEU:HD23	1:25:A:ALA:H	19	0.21
(1,1970)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	19	0.21
(1,1970)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	19	0.21
(1,1970)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	19	0.21
(1,1970)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	19	0.21
(1,1970)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	19	0.21
(1,1970)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	19	0.21
(1,1970)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	19	0.21
(1,1970)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	19	0.21
(1,1970)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	19	0.21
(1,1970)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	19	0.21
(1,1970)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	19	0.21
(1,1970)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	19	0.21
(1,1949)	1:11:A:ILE:HB	1:40:A:LEU:HD11	19	0.21
(1,1949)	1:11:A:ILE:HB	1:40:A:LEU:HD12	19	0.21
(1,1949)	1:11:A:ILE:HB	1:40:A:LEU:HD13	19	0.21
(1,1949)	1:11:A:ILE:HB	1:40:A:LEU:HD21	19	0.21
(1,1949)	1:11:A:ILE:HB	1:40:A:LEU:HD22	19	0.21
(1,1949)	1:11:A:ILE:HB	1:40:A:LEU:HD23	19	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1915)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	12	0.21
(1,1915)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	12	0.21
(1,1915)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	12	0.21
(1,1915)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	12	0.21
(1,1915)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	12	0.21
(1,1915)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	12	0.21
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	3	0.21
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	3	0.21
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	3	0.21
(1,1881)	1:9:A:PHE:HE1	1:14:A:VAL:HB	2	0.21
(1,1881)	1:9:A:PHE:HE2	1:14:A:VAL:HB	2	0.21
(1,1877)	1:18:A:PHE:HA	1:113:A:PHE:HE1	13	0.21
(1,1877)	1:18:A:PHE:HA	1:113:A:PHE:HE2	13	0.21
(1,1872)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	5	0.21
(1,1870)	1:9:A:PHE:HZ	1:11:A:ILE:HA	17	0.21
(1,1856)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	1	0.21
(1,1856)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	1	0.21
(1,1856)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	1	0.21
(1,1856)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	17	0.21
(1,1856)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	17	0.21
(1,1856)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	17	0.21
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	17	0.21
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	17	0.21
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	17	0.21
(1,1818)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	18	0.21
(1,1818)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	18	0.21
(1,1818)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	18	0.21
(1,1818)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	18	0.21
(1,1818)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	18	0.21
(1,1818)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	18	0.21
(1,1817)	1:101:A:ILE:HB	1:104:A:PHE:HD1	19	0.21
(1,1817)	1:101:A:ILE:HB	1:104:A:PHE:HD2	19	0.21
(1,1816)	1:104:A:PHE:HE1	1:105:A:LYS:HA	7	0.21
(1,1816)	1:104:A:PHE:HE2	1:105:A:LYS:HA	7	0.21
(1,1800)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	9	0.21
(1,1800)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	9	0.21
(1,1800)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	9	0.21
(1,1800)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	9	0.21
(1,1800)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	9	0.21
(1,1800)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	9	0.21
(1,1800)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	9	0.21
(1,1800)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	9	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1800)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	9	0.21
(1,1800)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	9	0.21
(1,1800)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	9	0.21
(1,1800)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	9	0.21
(1,1777)	1:39:A:VAL:HG21	1:41:A:LYS:H	9	0.21
(1,1777)	1:39:A:VAL:HG22	1:41:A:LYS:H	9	0.21
(1,1777)	1:39:A:VAL:HG23	1:41:A:LYS:H	9	0.21
(1,1777)	1:39:A:VAL:HG21	1:41:A:LYS:H	16	0.21
(1,1777)	1:39:A:VAL:HG22	1:41:A:LYS:H	16	0.21
(1,1777)	1:39:A:VAL:HG23	1:41:A:LYS:H	16	0.21
(1,1757)	1:31:A:PRO:HB2	1:35:A:LEU:HD11	3	0.21
(1,1757)	1:31:A:PRO:HB2	1:35:A:LEU:HD12	3	0.21
(1,1757)	1:31:A:PRO:HB2	1:35:A:LEU:HD13	3	0.21
(1,1757)	1:31:A:PRO:HB3	1:35:A:LEU:HD11	3	0.21
(1,1757)	1:31:A:PRO:HB3	1:35:A:LEU:HD12	3	0.21
(1,1757)	1:31:A:PRO:HB3	1:35:A:LEU:HD13	3	0.21
(1,1753)	1:31:A:PRO:HB2	1:35:A:LEU:HA	17	0.21
(1,1753)	1:31:A:PRO:HB3	1:35:A:LEU:HA	17	0.21
(1,1722)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	11	0.21
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE1	12	0.21
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE2	12	0.21
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE3	12	0.21
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	11	0.21
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	11	0.21
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	11	0.21
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	11	0.21
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	11	0.21
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	11	0.21
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	11	0.21
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	11	0.21
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	11	0.21
(1,1660)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	8	0.21
(1,1660)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	8	0.21
(1,1660)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	8	0.21
(1,1660)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	8	0.21
(1,1660)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	8	0.21
(1,1660)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	8	0.21
(1,1657)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	11	0.21
(1,1657)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	11	0.21
(1,1657)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	11	0.21
(1,1657)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	11	0.21
(1,1657)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	11	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1657)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	11	0.21
(1,1615)	1:119:A:LEU:H	1:121:A:VAL:HG11	10	0.21
(1,1615)	1:119:A:LEU:H	1:121:A:VAL:HG12	10	0.21
(1,1615)	1:119:A:LEU:H	1:121:A:VAL:HG13	10	0.21
(1,1581)	1:11:A:ILE:HD11	1:12:A:VAL:H	14	0.21
(1,1581)	1:11:A:ILE:HD12	1:12:A:VAL:H	14	0.21
(1,1581)	1:11:A:ILE:HD13	1:12:A:VAL:H	14	0.21
(1,1547)	1:69:A:MET:HE1	1:76:A:ARG:HG2	5	0.21
(1,1547)	1:69:A:MET:HE1	1:76:A:ARG:HG3	5	0.21
(1,1547)	1:69:A:MET:HE2	1:76:A:ARG:HG2	5	0.21
(1,1547)	1:69:A:MET:HE2	1:76:A:ARG:HG3	5	0.21
(1,1547)	1:69:A:MET:HE3	1:76:A:ARG:HG2	5	0.21
(1,1547)	1:69:A:MET:HE3	1:76:A:ARG:HG3	5	0.21
(1,1534)	1:110:A:MET:HE1	1:113:A:PHE:HE1	19	0.21
(1,1534)	1:110:A:MET:HE1	1:113:A:PHE:HE2	19	0.21
(1,1534)	1:110:A:MET:HE2	1:113:A:PHE:HE1	19	0.21
(1,1534)	1:110:A:MET:HE2	1:113:A:PHE:HE2	19	0.21
(1,1534)	1:110:A:MET:HE3	1:113:A:PHE:HE1	19	0.21
(1,1534)	1:110:A:MET:HE3	1:113:A:PHE:HE2	19	0.21
(1,1524)	1:98:A:ILE:HG21	1:119:A:LEU:HG	3	0.21
(1,1524)	1:98:A:ILE:HG22	1:119:A:LEU:HG	3	0.21
(1,1524)	1:98:A:ILE:HG23	1:119:A:LEU:HG	3	0.21
(1,1500)	1:114:A:ILE:HG21	1:117:A:VAL:H	3	0.21
(1,1500)	1:114:A:ILE:HG22	1:117:A:VAL:H	3	0.21
(1,1500)	1:114:A:ILE:HG23	1:117:A:VAL:H	3	0.21
(1,1424)	1:73:A:ILE:HG21	1:113:A:PHE:HB3	11	0.21
(1,1424)	1:73:A:ILE:HG22	1:113:A:PHE:HB3	11	0.21
(1,1424)	1:73:A:ILE:HG23	1:113:A:PHE:HB3	11	0.21
(1,1345)	1:125:A:THR:HG21	1:128:A:LEU:HB2	10	0.21
(1,1345)	1:125:A:THR:HG22	1:128:A:LEU:HB2	10	0.21
(1,1345)	1:125:A:THR:HG23	1:128:A:LEU:HB2	10	0.21
(1,1298)	1:9:A:PHE:HE1	1:14:A:VAL:HG11	14	0.21
(1,1298)	1:9:A:PHE:HE1	1:14:A:VAL:HG12	14	0.21
(1,1298)	1:9:A:PHE:HE1	1:14:A:VAL:HG13	14	0.21
(1,1298)	1:9:A:PHE:HE2	1:14:A:VAL:HG11	14	0.21
(1,1298)	1:9:A:PHE:HE2	1:14:A:VAL:HG12	14	0.21
(1,1298)	1:9:A:PHE:HE2	1:14:A:VAL:HG13	14	0.21
(1,1291)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	14	0.21
(1,1291)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	14	0.21
(1,1291)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	14	0.21
(1,1256)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	8	0.21
(1,1256)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	8	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1256)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	8	0.21
(1,1256)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	8	0.21
(1,1256)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	8	0.21
(1,1256)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	8	0.21
(1,1256)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	8	0.21
(1,1256)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	8	0.21
(1,1256)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	8	0.21
(1,1250)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	15	0.21
(1,1250)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	15	0.21
(1,1250)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	15	0.21
(1,1250)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	15	0.21
(1,1250)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	15	0.21
(1,1250)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	15	0.21
(1,1250)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	15	0.21
(1,1250)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	15	0.21
(1,1250)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	15	0.21
(1,1239)	1:39:A:VAL:H	1:139:A:LEU:HD21	4	0.21
(1,1239)	1:39:A:VAL:H	1:139:A:LEU:HD22	4	0.21
(1,1239)	1:39:A:VAL:H	1:139:A:LEU:HD23	4	0.21
(1,1219)	1:11:A:ILE:HD11	1:131:A:LEU:HA	15	0.21
(1,1219)	1:11:A:ILE:HD12	1:131:A:LEU:HA	15	0.21
(1,1219)	1:11:A:ILE:HD13	1:131:A:LEU:HA	15	0.21
(1,1048)	1:11:A:ILE:HB	1:44:A:GLU:HB2	11	0.21
(1,1048)	1:11:A:ILE:HB	1:44:A:GLU:HB3	11	0.21
(1,1015)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	1	0.21
(1,1015)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	1	0.21
(1,1015)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	1	0.21
(1,1010)	1:102:A:PRO:HA	1:105:A:LYS:HB2	8	0.21
(1,1010)	1:102:A:PRO:HA	1:105:A:LYS:HB3	8	0.21
(1,1009)	1:105:A:LYS:HD2	1:107:A:LEU:H	9	0.21
(1,1009)	1:105:A:LYS:HD3	1:107:A:LEU:H	9	0.21
(1,988)	1:66:A:THR:HG21	1:96:A:VAL:HB	10	0.21
(1,988)	1:66:A:THR:HG22	1:96:A:VAL:HB	10	0.21
(1,988)	1:66:A:THR:HG23	1:96:A:VAL:HB	10	0.21
(1,946)	1:93:A:GLU:HG2	1:94:A:ALA:HB1	9	0.21
(1,946)	1:93:A:GLU:HG2	1:94:A:ALA:HB2	9	0.21
(1,946)	1:93:A:GLU:HG2	1:94:A:ALA:HB3	9	0.21
(1,946)	1:93:A:GLU:HG3	1:94:A:ALA:HB1	9	0.21
(1,946)	1:93:A:GLU:HG3	1:94:A:ALA:HB2	9	0.21
(1,946)	1:93:A:GLU:HG3	1:94:A:ALA:HB3	9	0.21
(1,874)	1:8:A:ASP:H	1:8:A:ASP:HB3	7	0.21
(1,848)	1:110:A:MET:HG2	1:114:A:ILE:HD11	13	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,848)	1:110:A:MET:HG2	1:114:A:ILE:HD12	13	0.21
(1,848)	1:110:A:MET:HG2	1:114:A:ILE:HD13	13	0.21
(1,848)	1:110:A:MET:HG3	1:114:A:ILE:HD11	13	0.21
(1,848)	1:110:A:MET:HG3	1:114:A:ILE:HD12	13	0.21
(1,848)	1:110:A:MET:HG3	1:114:A:ILE:HD13	13	0.21
(1,827)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	4	0.21
(1,827)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	4	0.21
(1,827)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	4	0.21
(1,825)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	4	0.21
(1,825)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	4	0.21
(1,825)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	4	0.21
(1,825)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	13	0.21
(1,825)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	13	0.21
(1,825)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	13	0.21
(1,825)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	17	0.21
(1,825)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	17	0.21
(1,825)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	17	0.21
(1,774)	1:53:A:THR:H	1:53:A:THR:HG21	15	0.21
(1,774)	1:53:A:THR:H	1:53:A:THR:HG22	15	0.21
(1,774)	1:53:A:THR:H	1:53:A:THR:HG23	15	0.21
(1,766)	1:38:A:GLU:H	1:41:A:LYS:HG2	19	0.21
(1,764)	1:147:A:ARG:HA	1:147:A:ARG:HE	11	0.21
(1,587)	1:126:A:GLY:H	1:128:A:LEU:HG	10	0.21
(1,587)	1:126:A:GLY:H	1:128:A:LEU:HG	14	0.21
(1,277)	1:112:A:GLN:H	1:112:A:GLN:HE21	15	0.21
(1,238)	1:10:A:ASN:H	1:10:A:ASN:HB3	15	0.21
(1,39)	1:95:A:ILE:HB	1:96:A:VAL:H	18	0.21
(1,32)	1:35:A:LEU:H	1:35:A:LEU:HG	8	0.21
(1,13)	1:64:A:LYS:H	1:64:A:LYS:HE2	18	0.21
(1,13)	1:64:A:LYS:H	1:64:A:LYS:HE3	18	0.21
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD11	18	0.2
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD12	18	0.2
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD13	18	0.2
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD21	18	0.2
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD22	18	0.2
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD23	18	0.2
(34,2429)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	18	0.2
(34,2429)	1:129:A:LYS:HG2	1:133:A:ASN:HD22	18	0.2
(34,2429)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	18	0.2
(34,2429)	1:129:A:LYS:HG3	1:133:A:ASN:HD22	18	0.2
(34,2289)	1:96:A:VAL:HG11	1:104:A:PHE:HE1	6	0.2
(34,2289)	1:96:A:VAL:HG11	1:104:A:PHE:HE2	6	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2289)	1:96:A:VAL:HG12	1:104:A:PHE:HE1	6	0.2
(34,2289)	1:96:A:VAL:HG12	1:104:A:PHE:HE2	6	0.2
(34,2289)	1:96:A:VAL:HG13	1:104:A:PHE:HE1	6	0.2
(34,2289)	1:96:A:VAL:HG13	1:104:A:PHE:HE2	6	0.2
(34,2289)	1:96:A:VAL:HG21	1:104:A:PHE:HE1	6	0.2
(34,2289)	1:96:A:VAL:HG21	1:104:A:PHE:HE2	6	0.2
(34,2289)	1:96:A:VAL:HG22	1:104:A:PHE:HE1	6	0.2
(34,2289)	1:96:A:VAL:HG22	1:104:A:PHE:HE2	6	0.2
(34,2289)	1:96:A:VAL:HG23	1:104:A:PHE:HE1	6	0.2
(34,2289)	1:96:A:VAL:HG23	1:104:A:PHE:HE2	6	0.2
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	10	0.2
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	10	0.2
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	10	0.2
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	10	0.2
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	10	0.2
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	10	0.2
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	10	0.2
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	10	0.2
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	10	0.2
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	10	0.2
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	10	0.2
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	10	0.2
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	10	0.2
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	10	0.2
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	10	0.2
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	10	0.2
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	10	0.2
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	10	0.2
(34,2287)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	9	0.2
(34,2287)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	9	0.2
(34,2287)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	9	0.2
(34,2287)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	9	0.2
(34,2287)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	9	0.2
(34,2287)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	9	0.2
(34,2287)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	9	0.2
(34,2287)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	9	0.2
(34,2287)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	9	0.2
(34,2287)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	9	0.2
(34,2287)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	9	0.2
(34,2287)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	9	0.2
(34,2049)	1:23:A:LEU:HD11	1:25:A:ALA:H	8	0.2
(34,2049)	1:23:A:LEU:HD12	1:25:A:ALA:H	8	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2049)	1:23:A:LEU:HD13	1:25:A:ALA:H	8	0.2
(34,2049)	1:23:A:LEU:HD21	1:25:A:ALA:H	8	0.2
(34,2049)	1:23:A:LEU:HD22	1:25:A:ALA:H	8	0.2
(34,2049)	1:23:A:LEU:HD23	1:25:A:ALA:H	8	0.2
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	1	0.2
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	1	0.2
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	1	0.2
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	1	0.2
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	1	0.2
(34,2038)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	1	0.2
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	1	0.2
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	1	0.2
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	1	0.2
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	1	0.2
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	1	0.2
(34,2038)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	1	0.2
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	1	0.2
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	1	0.2
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	1	0.2
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	1	0.2
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	1	0.2
(34,2038)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	1	0.2
(34,2008)	1:15:A:ALA:HB1	1:16:A:SER:HB2	10	0.2
(34,2008)	1:15:A:ALA:HB1	1:16:A:SER:HB3	10	0.2
(34,2008)	1:15:A:ALA:HB2	1:16:A:SER:HB2	10	0.2
(34,2008)	1:15:A:ALA:HB2	1:16:A:SER:HB3	10	0.2
(34,2008)	1:15:A:ALA:HB3	1:16:A:SER:HB2	10	0.2
(34,2008)	1:15:A:ALA:HB3	1:16:A:SER:HB3	10	0.2
(34,2003)	1:14:A:VAL:HG11	1:61:A:SER:HB2	17	0.2
(34,2003)	1:14:A:VAL:HG11	1:61:A:SER:HB3	17	0.2
(34,2003)	1:14:A:VAL:HG12	1:61:A:SER:HB2	17	0.2
(34,2003)	1:14:A:VAL:HG12	1:61:A:SER:HB3	17	0.2
(34,2003)	1:14:A:VAL:HG13	1:61:A:SER:HB2	17	0.2
(34,2003)	1:14:A:VAL:HG13	1:61:A:SER:HB3	17	0.2
(34,2003)	1:14:A:VAL:HG21	1:61:A:SER:HB2	17	0.2
(34,2003)	1:14:A:VAL:HG21	1:61:A:SER:HB3	17	0.2
(34,2003)	1:14:A:VAL:HG22	1:61:A:SER:HB2	17	0.2
(34,2003)	1:14:A:VAL:HG22	1:61:A:SER:HB3	17	0.2
(34,2003)	1:14:A:VAL:HG23	1:61:A:SER:HB2	17	0.2
(34,2003)	1:14:A:VAL:HG23	1:61:A:SER:HB3	17	0.2
(34,1991)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	17	0.2
(34,1991)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	17	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1991)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	17	0.2
(34,1991)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	17	0.2
(34,1991)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	17	0.2
(34,1991)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	17	0.2
(34,1991)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	17	0.2
(34,1991)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	17	0.2
(34,1991)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	17	0.2
(34,1991)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	17	0.2
(34,1991)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	17	0.2
(34,1991)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	17	0.2
(34,1991)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	17	0.2
(34,1991)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	17	0.2
(34,1991)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	17	0.2
(34,1991)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	17	0.2
(34,1991)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	17	0.2
(34,1991)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	17	0.2
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	9	0.2
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	9	0.2
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	9	0.2
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	9	0.2
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	9	0.2
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	9	0.2
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	9	0.2
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	9	0.2
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	9	0.2
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	9	0.2
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	9	0.2
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	9	0.2
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	9	0.2
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	9	0.2
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	9	0.2
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	9	0.2
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	9	0.2
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	9	0.2
(34,1891)	1:104:A:PHE:HE1	1:105:A:LYS:H	4	0.2
(34,1891)	1:104:A:PHE:HE2	1:105:A:LYS:H	4	0.2
(34,1830)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	3	0.2
(34,1830)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	3	0.2
(34,1830)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	7	0.2
(34,1830)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	7	0.2
(34,1744)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	5	0.2
(34,1744)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	5	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1744)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	5	0.2
(34,1688)	1:125:A:THR:HA	1:128:A:LEU:HA	12	0.2
(34,1662)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	13	0.2
(34,1662)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	13	0.2
(34,1662)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	13	0.2
(34,1662)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	13	0.2
(34,1662)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	13	0.2
(34,1662)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	13	0.2
(34,1650)	1:26:A:ASP:HA	1:27:A:ARG:HB2	9	0.2
(34,1584)	1:11:A:ILE:HD11	1:14:A:VAL:H	3	0.2
(34,1584)	1:11:A:ILE:HD12	1:14:A:VAL:H	3	0.2
(34,1584)	1:11:A:ILE:HD13	1:14:A:VAL:H	3	0.2
(34,1576)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	0.2
(34,1576)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	0.2
(34,1576)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	0.2
(34,1576)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	0.2
(34,1576)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	0.2
(34,1576)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	0.2
(34,1574)	1:123:A:CYS:H	1:128:A:LEU:HD11	18	0.2
(34,1574)	1:123:A:CYS:H	1:128:A:LEU:HD12	18	0.2
(34,1574)	1:123:A:CYS:H	1:128:A:LEU:HD13	18	0.2
(34,1535)	1:110:A:MET:HE1	1:113:A:PHE:HE1	5	0.2
(34,1535)	1:110:A:MET:HE1	1:113:A:PHE:HE2	5	0.2
(34,1535)	1:110:A:MET:HE2	1:113:A:PHE:HE1	5	0.2
(34,1535)	1:110:A:MET:HE2	1:113:A:PHE:HE2	5	0.2
(34,1535)	1:110:A:MET:HE3	1:113:A:PHE:HE1	5	0.2
(34,1535)	1:110:A:MET:HE3	1:113:A:PHE:HE2	5	0.2
(34,1531)	1:69:A:MET:HE1	1:114:A:ILE:H	11	0.2
(34,1531)	1:69:A:MET:HE2	1:114:A:ILE:H	11	0.2
(34,1531)	1:69:A:MET:HE3	1:114:A:ILE:H	11	0.2
(34,1474)	1:13:A:ALA:HB1	1:61:A:SER:HA	15	0.2
(34,1474)	1:13:A:ALA:HB2	1:61:A:SER:HA	15	0.2
(34,1474)	1:13:A:ALA:HB3	1:61:A:SER:HA	15	0.2
(34,1467)	1:30:A:LEU:H	1:31:A:PRO:HD3	11	0.2
(34,1449)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	3	0.2
(34,1449)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	3	0.2
(34,1449)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	3	0.2
(34,1449)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	3	0.2
(34,1449)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	3	0.2
(34,1449)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	3	0.2
(34,1432)	1:69:A:MET:HA	1:73:A:ILE:HG21	7	0.2
(34,1432)	1:69:A:MET:HA	1:73:A:ILE:HG22	7	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1432)	1:69:A:MET:HA	1:73:A:ILE:HG23	7	0.2
(34,1404)	1:19:A:ALA:HB1	1:21:A:THR:H	11	0.2
(34,1404)	1:19:A:ALA:HB2	1:21:A:THR:H	11	0.2
(34,1404)	1:19:A:ALA:HB3	1:21:A:THR:H	11	0.2
(34,1387)	1:134:A:VAL:H	1:134:A:VAL:HG11	9	0.2
(34,1387)	1:134:A:VAL:H	1:134:A:VAL:HG12	9	0.2
(34,1387)	1:134:A:VAL:H	1:134:A:VAL:HG13	9	0.2
(34,1382)	1:39:A:VAL:HG11	1:41:A:LYS:H	4	0.2
(34,1382)	1:39:A:VAL:HG12	1:41:A:LYS:H	4	0.2
(34,1382)	1:39:A:VAL:HG13	1:41:A:LYS:H	4	0.2
(34,1364)	1:125:A:THR:HG21	1:128:A:LEU:HB2	11	0.2
(34,1364)	1:125:A:THR:HG22	1:128:A:LEU:HB2	11	0.2
(34,1364)	1:125:A:THR:HG23	1:128:A:LEU:HB2	11	0.2
(34,1364)	1:125:A:THR:HG21	1:128:A:LEU:HB2	12	0.2
(34,1364)	1:125:A:THR:HG22	1:128:A:LEU:HB2	12	0.2
(34,1364)	1:125:A:THR:HG23	1:128:A:LEU:HB2	12	0.2
(34,1357)	1:103:A:ARG:HG2	1:106:A:ASP:HA	15	0.2
(34,1357)	1:103:A:ARG:HG3	1:106:A:ASP:HA	15	0.2
(34,1349)	1:64:A:LYS:HA	1:64:A:LYS:HD2	4	0.2
(34,1349)	1:64:A:LYS:HA	1:64:A:LYS:HD3	4	0.2
(34,1277)	1:37:A:LEU:HD11	1:38:A:GLU:HA	6	0.2
(34,1277)	1:37:A:LEU:HD12	1:38:A:GLU:HA	6	0.2
(34,1277)	1:37:A:LEU:HD13	1:38:A:GLU:HA	6	0.2
(34,1247)	1:137:A:SER:HA	1:138:A:ASP:HB2	17	0.2
(34,1247)	1:137:A:SER:HA	1:138:A:ASP:HB3	17	0.2
(34,1186)	1:150:A:THR:HG21	1:151:A:PHE:HA	19	0.2
(34,1186)	1:150:A:THR:HG22	1:151:A:PHE:HA	19	0.2
(34,1186)	1:150:A:THR:HG23	1:151:A:PHE:HA	19	0.2
(34,1134)	1:18:A:PHE:HA	1:113:A:PHE:HZ	13	0.2
(34,1114)	1:138:A:ASP:HA	1:141:A:LYS:HA	15	0.2
(34,1102)	1:54:A:ARG:HA	1:57:A:LEU:HD21	10	0.2
(34,1102)	1:54:A:ARG:HA	1:57:A:LEU:HD22	10	0.2
(34,1102)	1:54:A:ARG:HA	1:57:A:LEU:HD23	10	0.2
(34,1094)	1:66:A:THR:HG21	1:95:A:ILE:HA	19	0.2
(34,1094)	1:66:A:THR:HG22	1:95:A:ILE:HA	19	0.2
(34,1094)	1:66:A:THR:HG23	1:95:A:ILE:HA	19	0.2
(34,1087)	1:95:A:ILE:HA	1:96:A:VAL:HB	18	0.2
(34,1045)	1:149:A:ALA:HB1	1:150:A:THR:HA	16	0.2
(34,1045)	1:149:A:ALA:HB2	1:150:A:THR:HA	16	0.2
(34,1045)	1:149:A:ALA:HB3	1:150:A:THR:HA	16	0.2
(34,1017)	1:63:A:ILE:HA	1:64:A:LYS:HD2	12	0.2
(34,1017)	1:63:A:ILE:HA	1:64:A:LYS:HD3	12	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,991)	1:11:A:ILE:HG12	1:14:A:VAL:HB	3	0.2
(34,988)	1:138:A:ASP:HA	1:141:A:LYS:HB2	12	0.2
(34,988)	1:138:A:ASP:HA	1:141:A:LYS:HB3	12	0.2
(34,979)	1:96:A:VAL:HB	1:97:A:ASP:H	12	0.2
(34,979)	1:96:A:VAL:HB	1:97:A:ASP:H	13	0.2
(34,979)	1:96:A:VAL:HB	1:97:A:ASP:H	16	0.2
(34,937)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	19	0.2
(34,937)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	19	0.2
(34,937)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	19	0.2
(34,874)	1:56:A:CYS:H	1:122:A:ASP:HB3	5	0.2
(34,866)	1:18:A:PHE:HZ	1:60:A:LEU:HB2	14	0.2
(34,855)	1:142:A:LYS:HE2	1:143:A:TRP:HD1	17	0.2
(34,855)	1:142:A:LYS:HE3	1:143:A:TRP:HD1	17	0.2
(34,759)	1:38:A:GLU:H	1:41:A:LYS:HG2	18	0.2
(34,710)	1:134:A:VAL:H	1:134:A:VAL:HG21	6	0.2
(34,710)	1:134:A:VAL:H	1:134:A:VAL:HG22	6	0.2
(34,710)	1:134:A:VAL:H	1:134:A:VAL:HG23	6	0.2
(34,710)	1:134:A:VAL:H	1:134:A:VAL:HG21	8	0.2
(34,710)	1:134:A:VAL:H	1:134:A:VAL:HG22	8	0.2
(34,710)	1:134:A:VAL:H	1:134:A:VAL:HG23	8	0.2
(34,710)	1:134:A:VAL:H	1:134:A:VAL:HG21	11	0.2
(34,710)	1:134:A:VAL:H	1:134:A:VAL:HG22	11	0.2
(34,710)	1:134:A:VAL:H	1:134:A:VAL:HG23	11	0.2
(34,710)	1:134:A:VAL:H	1:134:A:VAL:HG21	12	0.2
(34,710)	1:134:A:VAL:H	1:134:A:VAL:HG22	12	0.2
(34,710)	1:134:A:VAL:H	1:134:A:VAL:HG23	12	0.2
(34,710)	1:134:A:VAL:H	1:134:A:VAL:HG21	15	0.2
(34,710)	1:134:A:VAL:H	1:134:A:VAL:HG22	15	0.2
(34,710)	1:134:A:VAL:H	1:134:A:VAL:HG23	15	0.2
(34,607)	1:55:A:GLY:H	1:57:A:LEU:H	1	0.2
(34,607)	1:55:A:GLY:H	1:57:A:LEU:H	16	0.2
(34,554)	1:60:A:LEU:HD11	1:61:A:SER:H	6	0.2
(34,554)	1:60:A:LEU:HD12	1:61:A:SER:H	6	0.2
(34,554)	1:60:A:LEU:HD13	1:61:A:SER:H	6	0.2
(34,356)	1:60:A:LEU:HD21	1:123:A:CYS:H	1	0.2
(34,356)	1:60:A:LEU:HD22	1:123:A:CYS:H	1	0.2
(34,356)	1:60:A:LEU:HD23	1:123:A:CYS:H	1	0.2
(34,317)	1:46:A:ASN:H	1:47:A:ALA:HB1	8	0.2
(34,317)	1:46:A:ASN:H	1:47:A:ALA:HB2	8	0.2
(34,317)	1:46:A:ASN:H	1:47:A:ALA:HB3	8	0.2
(34,253)	1:58:A:ILE:H	1:58:A:ILE:HG13	10	0.2
(34,222)	1:44:A:GLU:HB2	1:48:A:ARG:H	11	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,222)	1:44:A:GLU:HB3	1:48:A:ARG:H	11	0.2
(34,130)	1:46:A:ASN:HB3	1:49:A:LYS:H	17	0.2
(34,107)	1:67:A:PRO:HD2	1:69:A:MET:H	6	0.2
(34,8)	1:63:A:ILE:HG13	1:64:A:LYS:H	14	0.2
(34,1)	1:143:A:TRP:HA	1:143:A:TRP:HE1	4	0.2
(33,2429)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	18	0.2
(33,2429)	1:129:A:LYS:HG2	1:133:A:ASN:HD22	18	0.2
(33,2429)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	18	0.2
(33,2429)	1:129:A:LYS:HG3	1:133:A:ASN:HD22	18	0.2
(33,2302)	1:96:A:VAL:HG11	1:104:A:PHE:HE1	6	0.2
(33,2302)	1:96:A:VAL:HG11	1:104:A:PHE:HE2	6	0.2
(33,2302)	1:96:A:VAL:HG12	1:104:A:PHE:HE1	6	0.2
(33,2302)	1:96:A:VAL:HG12	1:104:A:PHE:HE2	6	0.2
(33,2302)	1:96:A:VAL:HG13	1:104:A:PHE:HE1	6	0.2
(33,2302)	1:96:A:VAL:HG13	1:104:A:PHE:HE2	6	0.2
(33,2302)	1:96:A:VAL:HG21	1:104:A:PHE:HE1	6	0.2
(33,2302)	1:96:A:VAL:HG21	1:104:A:PHE:HE2	6	0.2
(33,2302)	1:96:A:VAL:HG22	1:104:A:PHE:HE1	6	0.2
(33,2302)	1:96:A:VAL:HG22	1:104:A:PHE:HE2	6	0.2
(33,2302)	1:96:A:VAL:HG23	1:104:A:PHE:HE1	6	0.2
(33,2302)	1:96:A:VAL:HG23	1:104:A:PHE:HE2	6	0.2
(33,2264)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	4	0.2
(33,2264)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	4	0.2
(33,2264)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	4	0.2
(33,2264)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	4	0.2
(33,2264)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	18	0.2
(33,2264)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	18	0.2
(33,2264)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	18	0.2
(33,2264)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	18	0.2
(33,2164)	1:46:A:ASN:HB2	1:134:A:VAL:HB	9	0.2
(33,2164)	1:46:A:ASN:HB3	1:134:A:VAL:HB	9	0.2
(33,2152)	1:43:A:MET:HE1	1:46:A:ASN:HD21	17	0.2
(33,2152)	1:43:A:MET:HE1	1:46:A:ASN:HD22	17	0.2
(33,2152)	1:43:A:MET:HE2	1:46:A:ASN:HD21	17	0.2
(33,2152)	1:43:A:MET:HE2	1:46:A:ASN:HD22	17	0.2
(33,2152)	1:43:A:MET:HE3	1:46:A:ASN:HD21	17	0.2
(33,2152)	1:43:A:MET:HE3	1:46:A:ASN:HD22	17	0.2
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD11	12	0.2
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD12	12	0.2
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD13	12	0.2
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD21	12	0.2
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD22	12	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD23	12	0.2
(33,2069)	1:34:A:LYS:H	1:81:A:GLU:HB2	12	0.2
(33,2069)	1:34:A:LYS:H	1:81:A:GLU:HB3	12	0.2
(33,2031)	1:21:A:THR:HB	1:23:A:LEU:HD11	3	0.2
(33,2031)	1:21:A:THR:HB	1:23:A:LEU:HD12	3	0.2
(33,2031)	1:21:A:THR:HB	1:23:A:LEU:HD13	3	0.2
(33,2031)	1:21:A:THR:HB	1:23:A:LEU:HD21	3	0.2
(33,2031)	1:21:A:THR:HB	1:23:A:LEU:HD22	3	0.2
(33,2031)	1:21:A:THR:HB	1:23:A:LEU:HD23	3	0.2
(33,1995)	1:14:A:VAL:HG11	1:61:A:SER:HB2	17	0.2
(33,1995)	1:14:A:VAL:HG11	1:61:A:SER:HB3	17	0.2
(33,1995)	1:14:A:VAL:HG12	1:61:A:SER:HB2	17	0.2
(33,1995)	1:14:A:VAL:HG12	1:61:A:SER:HB3	17	0.2
(33,1995)	1:14:A:VAL:HG13	1:61:A:SER:HB2	17	0.2
(33,1995)	1:14:A:VAL:HG13	1:61:A:SER:HB3	17	0.2
(33,1995)	1:14:A:VAL:HG21	1:61:A:SER:HB2	17	0.2
(33,1995)	1:14:A:VAL:HG21	1:61:A:SER:HB3	17	0.2
(33,1995)	1:14:A:VAL:HG22	1:61:A:SER:HB2	17	0.2
(33,1995)	1:14:A:VAL:HG22	1:61:A:SER:HB3	17	0.2
(33,1995)	1:14:A:VAL:HG23	1:61:A:SER:HB2	17	0.2
(33,1995)	1:14:A:VAL:HG23	1:61:A:SER:HB3	17	0.2
(33,1988)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	14	0.2
(33,1988)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	14	0.2
(33,1988)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	14	0.2
(33,1988)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	14	0.2
(33,1988)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	14	0.2
(33,1988)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	14	0.2
(33,1988)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	14	0.2
(33,1988)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	14	0.2
(33,1988)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	14	0.2
(33,1988)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	14	0.2
(33,1988)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	14	0.2
(33,1988)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	14	0.2
(33,1899)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	4	0.2
(33,1899)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	4	0.2
(33,1899)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	4	0.2
(33,1899)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	4	0.2
(33,1862)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	17	0.2
(33,1862)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	17	0.2
(33,1835)	1:61:A:SER:H	1:62:A:HIS:HD2	13	0.2
(33,1823)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	8	0.2
(33,1823)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	8	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1823)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	8	0.2
(33,1823)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	8	0.2
(33,1823)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	8	0.2
(33,1823)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	8	0.2
(33,1815)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	3	0.2
(33,1815)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	3	0.2
(33,1815)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	7	0.2
(33,1815)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	7	0.2
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD1	9	0.2
(33,1781)	1:30:A:LEU:HB2	1:80:A:TYR:HD2	9	0.2
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD1	9	0.2
(33,1781)	1:30:A:LEU:HB3	1:80:A:TYR:HD2	9	0.2
(33,1769)	1:101:A:ILE:HG21	1:102:A:PRO:HA	5	0.2
(33,1769)	1:101:A:ILE:HG22	1:102:A:PRO:HA	5	0.2
(33,1769)	1:101:A:ILE:HG23	1:102:A:PRO:HA	5	0.2
(33,1724)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	5	0.2
(33,1724)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	5	0.2
(33,1724)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	5	0.2
(33,1697)	1:34:A:LYS:HA	1:35:A:LEU:HB3	18	0.2
(33,1662)	1:110:A:MET:HB3	1:111:A:GLU:HB2	18	0.2
(33,1662)	1:110:A:MET:HB3	1:111:A:GLU:HB3	18	0.2
(33,1643)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	19	0.2
(33,1643)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	19	0.2
(33,1643)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	19	0.2
(33,1643)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	19	0.2
(33,1643)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	19	0.2
(33,1643)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	19	0.2
(33,1643)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	19	0.2
(33,1643)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	19	0.2
(33,1643)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	19	0.2
(33,1584)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	10	0.2
(33,1584)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	10	0.2
(33,1584)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	10	0.2
(33,1584)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	10	0.2
(33,1584)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	10	0.2
(33,1584)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	10	0.2
(33,1572)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	10	0.2
(33,1572)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	10	0.2
(33,1572)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	10	0.2
(33,1556)	1:11:A:ILE:HD11	1:14:A:VAL:H	3	0.2
(33,1556)	1:11:A:ILE:HD12	1:14:A:VAL:H	3	0.2
(33,1556)	1:11:A:ILE:HD13	1:14:A:VAL:H	3	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1550)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	13	0.2
(33,1550)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	13	0.2
(33,1550)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	13	0.2
(33,1550)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	13	0.2
(33,1550)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	13	0.2
(33,1550)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	13	0.2
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE1	13	0.2
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE2	13	0.2
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE3	13	0.2
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE1	13	0.2
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE2	13	0.2
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE3	13	0.2
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE1	13	0.2
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE2	13	0.2
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE3	13	0.2
(33,1473)	1:101:A:ILE:HG21	1:115:A:ALA:HA	11	0.2
(33,1473)	1:101:A:ILE:HG22	1:115:A:ALA:HA	11	0.2
(33,1473)	1:101:A:ILE:HG23	1:115:A:ALA:HA	11	0.2
(33,1365)	1:39:A:VAL:HG11	1:41:A:LYS:H	4	0.2
(33,1365)	1:39:A:VAL:HG12	1:41:A:LYS:H	4	0.2
(33,1365)	1:39:A:VAL:HG13	1:41:A:LYS:H	4	0.2
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG11	18	0.2
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG12	18	0.2
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG13	18	0.2
(33,1346)	1:125:A:THR:HG21	1:128:A:LEU:HB2	13	0.2
(33,1346)	1:125:A:THR:HG22	1:128:A:LEU:HB2	13	0.2
(33,1346)	1:125:A:THR:HG23	1:128:A:LEU:HB2	13	0.2
(33,1343)	1:105:A:LYS:HG2	1:106:A:ASP:HA	2	0.2
(33,1331)	1:64:A:LYS:HA	1:64:A:LYS:HD2	4	0.2
(33,1331)	1:64:A:LYS:HA	1:64:A:LYS:HD3	4	0.2
(33,1070)	1:54:A:ARG:HA	1:57:A:LEU:HB3	5	0.2
(33,1057)	1:95:A:ILE:HA	1:96:A:VAL:HB	18	0.2
(33,1046)	1:111:A:GLU:HA	1:114:A:ILE:HG12	16	0.2
(33,1020)	1:149:A:ALA:HB1	1:150:A:THR:HA	16	0.2
(33,1020)	1:149:A:ALA:HB2	1:150:A:THR:HA	16	0.2
(33,1020)	1:149:A:ALA:HB3	1:150:A:THR:HA	16	0.2
(33,1003)	1:98:A:ILE:HB	1:105:A:LYS:HB2	13	0.2
(33,1003)	1:98:A:ILE:HB	1:105:A:LYS:HB3	13	0.2
(33,972)	1:140:A:LEU:HD21	1:141:A:LYS:HB2	13	0.2
(33,972)	1:140:A:LEU:HD21	1:141:A:LYS:HB3	13	0.2
(33,972)	1:140:A:LEU:HD22	1:141:A:LYS:HB2	13	0.2
(33,972)	1:140:A:LEU:HD22	1:141:A:LYS:HB3	13	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,972)	1:140:A:LEU:HD23	1:141:A:LYS:HB2	13	0.2
(33,972)	1:140:A:LEU:HD23	1:141:A:LYS:HB3	13	0.2
(33,956)	1:40:A:LEU:HA	1:43:A:MET:HG2	10	0.2
(33,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	19	0.2
(33,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	19	0.2
(33,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	19	0.2
(33,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	10	0.2
(33,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	10	0.2
(33,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	10	0.2
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	5	0.2
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	5	0.2
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	5	0.2
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	5	0.2
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	5	0.2
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	5	0.2
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	5	0.2
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	5	0.2
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	5	0.2
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	9	0.2
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	9	0.2
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	9	0.2
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	9	0.2
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	9	0.2
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	9	0.2
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	9	0.2
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	9	0.2
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	9	0.2
(33,823)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	8	0.2
(33,823)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	8	0.2
(33,823)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	8	0.2
(33,823)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	8	0.2
(33,823)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	8	0.2
(33,823)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	8	0.2
(33,783)	1:11:A:ILE:HA	1:11:A:ILE:HD11	9	0.2
(33,783)	1:11:A:ILE:HA	1:11:A:ILE:HD12	9	0.2
(33,783)	1:11:A:ILE:HA	1:11:A:ILE:HD13	9	0.2
(33,703)	1:23:A:LEU:HB2	1:25:A:ALA:H	8	0.2
(33,703)	1:23:A:LEU:HB3	1:25:A:ALA:H	8	0.2
(33,640)	1:66:A:THR:H	1:70:A:LYS:H	17	0.2
(33,573)	1:16:A:SER:H	1:131:A:LEU:HB3	12	0.2
(33,508)	1:70:A:LYS:HE2	1:71:A:LYS:H	14	0.2
(33,508)	1:70:A:LYS:HE3	1:71:A:LYS:H	14	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,479)	1:147:A:ARG:HG2	1:148:A:CYS:H	11	0.2
(33,479)	1:147:A:ARG:HG3	1:148:A:CYS:H	11	0.2
(33,470)	1:14:A:VAL:H	1:61:A:SER:HA	19	0.2
(33,311)	1:46:A:ASN:H	1:47:A:ALA:HB1	8	0.2
(33,311)	1:46:A:ASN:H	1:47:A:ALA:HB2	8	0.2
(33,311)	1:46:A:ASN:H	1:47:A:ALA:HB3	8	0.2
(33,248)	1:58:A:ILE:H	1:58:A:ILE:HD11	4	0.2
(33,248)	1:58:A:ILE:H	1:58:A:ILE:HD12	4	0.2
(33,248)	1:58:A:ILE:H	1:58:A:ILE:HD13	4	0.2
(33,149)	1:138:A:ASP:H	1:140:A:LEU:HB2	4	0.2
(33,122)	1:80:A:TYR:H	1:80:A:TYR:HB3	5	0.2
(33,122)	1:80:A:TYR:H	1:80:A:TYR:HB2	5	0.2
(33,45)	1:98:A:ILE:H	1:105:A:LYS:HA	5	0.2
(33,20)	1:93:A:GLU:HG2	1:94:A:ALA:H	11	0.2
(33,20)	1:93:A:GLU:HG3	1:94:A:ALA:H	11	0.2
(33,13)	1:64:A:LYS:H	1:116:A:GLN:HG3	8	0.2
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD11	18	0.2
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD12	18	0.2
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD13	18	0.2
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD21	18	0.2
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD22	18	0.2
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD23	18	0.2
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG2	19	0.2
(32,2345)	1:113:A:PHE:HA	1:116:A:GLN:HG3	19	0.2
(32,2319)	1:105:A:LYS:HG2	1:106:A:ASP:HA	17	0.2
(32,2319)	1:105:A:LYS:HG3	1:106:A:ASP:HA	17	0.2
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD11	10	0.2
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD12	10	0.2
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD13	10	0.2
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD21	10	0.2
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD22	10	0.2
(32,2317)	1:105:A:LYS:H	1:107:A:LEU:HD23	10	0.2
(32,2290)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	2	0.2
(32,2290)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	2	0.2
(32,2290)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	2	0.2
(32,2290)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	2	0.2
(32,2290)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	2	0.2
(32,2290)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	2	0.2
(32,2290)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	2	0.2
(32,2290)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	2	0.2
(32,2290)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	2	0.2
(32,2290)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	2	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2290)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	2	0.2
(32,2290)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	2	0.2
(32,2289)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	8	0.2
(32,2289)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	8	0.2
(32,2289)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	8	0.2
(32,2289)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	8	0.2
(32,2289)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	8	0.2
(32,2289)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	8	0.2
(32,2289)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	8	0.2
(32,2289)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	8	0.2
(32,2289)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	8	0.2
(32,2289)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	8	0.2
(32,2289)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	8	0.2
(32,2289)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	8	0.2
(32,2287)	1:96:A:VAL:HG11	1:104:A:PHE:HE1	6	0.2
(32,2287)	1:96:A:VAL:HG11	1:104:A:PHE:HE2	6	0.2
(32,2287)	1:96:A:VAL:HG12	1:104:A:PHE:HE1	6	0.2
(32,2287)	1:96:A:VAL:HG12	1:104:A:PHE:HE2	6	0.2
(32,2287)	1:96:A:VAL:HG13	1:104:A:PHE:HE1	6	0.2
(32,2287)	1:96:A:VAL:HG13	1:104:A:PHE:HE2	6	0.2
(32,2287)	1:96:A:VAL:HG21	1:104:A:PHE:HE1	6	0.2
(32,2287)	1:96:A:VAL:HG21	1:104:A:PHE:HE2	6	0.2
(32,2287)	1:96:A:VAL:HG22	1:104:A:PHE:HE1	6	0.2
(32,2287)	1:96:A:VAL:HG22	1:104:A:PHE:HE2	6	0.2
(32,2287)	1:96:A:VAL:HG23	1:104:A:PHE:HE1	6	0.2
(32,2287)	1:96:A:VAL:HG23	1:104:A:PHE:HE2	6	0.2
(32,2271)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	16	0.2
(32,2271)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	16	0.2
(32,2270)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	10	0.2
(32,2270)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	10	0.2
(32,2270)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	10	0.2
(32,2270)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	10	0.2
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG11	4	0.2
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG12	4	0.2
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG13	4	0.2
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG21	4	0.2
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG22	4	0.2
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG23	4	0.2
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG11	4	0.2
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG12	4	0.2
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG13	4	0.2
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG21	4	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG22	4	0.2
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG23	4	0.2
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG11	4	0.2
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG12	4	0.2
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG13	4	0.2
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG21	4	0.2
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG22	4	0.2
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG23	4	0.2
(32,2135)	1:43:A:MET:HE1	1:46:A:ASN:HD21	17	0.2
(32,2135)	1:43:A:MET:HE1	1:46:A:ASN:HD22	17	0.2
(32,2135)	1:43:A:MET:HE2	1:46:A:ASN:HD21	17	0.2
(32,2135)	1:43:A:MET:HE2	1:46:A:ASN:HD22	17	0.2
(32,2135)	1:43:A:MET:HE3	1:46:A:ASN:HD21	17	0.2
(32,2135)	1:43:A:MET:HE3	1:46:A:ASN:HD22	17	0.2
(32,2117)	1:41:A:LYS:HA	1:44:A:GLU:HG2	9	0.2
(32,2117)	1:41:A:LYS:HA	1:44:A:GLU:HG3	9	0.2
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD11	14	0.2
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD12	14	0.2
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD13	14	0.2
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD21	14	0.2
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD22	14	0.2
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD23	14	0.2
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	1	0.2
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	1	0.2
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	1	0.2
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	1	0.2
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	1	0.2
(32,1998)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	1	0.2
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	1	0.2
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	1	0.2
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	1	0.2
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	1	0.2
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	1	0.2
(32,1998)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	1	0.2
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	1	0.2
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	1	0.2
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	1	0.2
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	1	0.2
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	1	0.2
(32,1998)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	1	0.2
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	8	0.2
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	8	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	8	0.2
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	8	0.2
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	8	0.2
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	8	0.2
(32,1968)	1:15:A:ALA:HB1	1:18:A:PHE:HB2	2	0.2
(32,1968)	1:15:A:ALA:HB1	1:18:A:PHE:HB3	2	0.2
(32,1968)	1:15:A:ALA:HB2	1:18:A:PHE:HB2	2	0.2
(32,1968)	1:15:A:ALA:HB2	1:18:A:PHE:HB3	2	0.2
(32,1968)	1:15:A:ALA:HB3	1:18:A:PHE:HB2	2	0.2
(32,1968)	1:15:A:ALA:HB3	1:18:A:PHE:HB3	2	0.2
(32,1961)	1:14:A:VAL:HG11	1:61:A:SER:HB2	17	0.2
(32,1961)	1:14:A:VAL:HG11	1:61:A:SER:HB3	17	0.2
(32,1961)	1:14:A:VAL:HG12	1:61:A:SER:HB2	17	0.2
(32,1961)	1:14:A:VAL:HG12	1:61:A:SER:HB3	17	0.2
(32,1961)	1:14:A:VAL:HG13	1:61:A:SER:HB2	17	0.2
(32,1961)	1:14:A:VAL:HG13	1:61:A:SER:HB3	17	0.2
(32,1961)	1:14:A:VAL:HG21	1:61:A:SER:HB2	17	0.2
(32,1961)	1:14:A:VAL:HG21	1:61:A:SER:HB3	17	0.2
(32,1961)	1:14:A:VAL:HG22	1:61:A:SER:HB2	17	0.2
(32,1961)	1:14:A:VAL:HG22	1:61:A:SER:HB3	17	0.2
(32,1961)	1:14:A:VAL:HG23	1:61:A:SER:HB2	17	0.2
(32,1961)	1:14:A:VAL:HG23	1:61:A:SER:HB3	17	0.2
(32,1865)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	4	0.2
(32,1865)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	4	0.2
(32,1865)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	4	0.2
(32,1865)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	4	0.2
(32,1839)	1:18:A:PHE:HD1	1:131:A:LEU:HD11	13	0.2
(32,1839)	1:18:A:PHE:HD1	1:131:A:LEU:HD12	13	0.2
(32,1839)	1:18:A:PHE:HD1	1:131:A:LEU:HD13	13	0.2
(32,1839)	1:18:A:PHE:HD2	1:131:A:LEU:HD11	13	0.2
(32,1839)	1:18:A:PHE:HD2	1:131:A:LEU:HD12	13	0.2
(32,1839)	1:18:A:PHE:HD2	1:131:A:LEU:HD13	13	0.2
(32,1811)	1:13:A:ALA:HA	1:80:A:TYR:HE1	9	0.2
(32,1811)	1:13:A:ALA:HA	1:80:A:TYR:HE2	9	0.2
(32,1782)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	6	0.2
(32,1782)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	6	0.2
(32,1782)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	6	0.2
(32,1782)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	6	0.2
(32,1782)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	6	0.2
(32,1782)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	6	0.2
(32,1757)	1:71:A:LYS:HE2	1:72:A:PHE:HD1	6	0.2
(32,1757)	1:71:A:LYS:HE2	1:72:A:PHE:HD2	6	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1757)	1:71:A:LYS:HE3	1:72:A:PHE:HD1	6	0.2
(32,1757)	1:71:A:LYS:HE3	1:72:A:PHE:HD2	6	0.2
(32,1658)	1:34:A:LYS:HA	1:35:A:LEU:HB3	18	0.2
(32,1628)	1:110:A:MET:HB3	1:111:A:GLU:HB2	18	0.2
(32,1628)	1:110:A:MET:HB3	1:111:A:GLU:HB3	18	0.2
(32,1557)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	10	0.2
(32,1557)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	10	0.2
(32,1557)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	10	0.2
(32,1557)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	10	0.2
(32,1557)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	10	0.2
(32,1557)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	10	0.2
(32,1544)	1:97:A:ASP:H	1:98:A:ILE:HD11	3	0.2
(32,1544)	1:97:A:ASP:H	1:98:A:ILE:HD12	3	0.2
(32,1544)	1:97:A:ASP:H	1:98:A:ILE:HD13	3	0.2
(32,1481)	1:110:A:MET:HE1	1:113:A:PHE:HE1	5	0.2
(32,1481)	1:110:A:MET:HE1	1:113:A:PHE:HE2	5	0.2
(32,1481)	1:110:A:MET:HE2	1:113:A:PHE:HE1	5	0.2
(32,1481)	1:110:A:MET:HE2	1:113:A:PHE:HE2	5	0.2
(32,1481)	1:110:A:MET:HE3	1:113:A:PHE:HE1	5	0.2
(32,1481)	1:110:A:MET:HE3	1:113:A:PHE:HE2	5	0.2
(32,1441)	1:101:A:ILE:HG21	1:115:A:ALA:HA	11	0.2
(32,1441)	1:101:A:ILE:HG22	1:115:A:ALA:HA	11	0.2
(32,1441)	1:101:A:ILE:HG23	1:115:A:ALA:HA	11	0.2
(32,1383)	1:69:A:MET:HA	1:73:A:ILE:HG21	7	0.2
(32,1383)	1:69:A:MET:HA	1:73:A:ILE:HG22	7	0.2
(32,1383)	1:69:A:MET:HA	1:73:A:ILE:HG23	7	0.2
(32,1365)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	15	0.2
(32,1365)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	15	0.2
(32,1365)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	15	0.2
(32,1329)	1:39:A:VAL:HG11	1:41:A:LYS:H	4	0.2
(32,1329)	1:39:A:VAL:HG12	1:41:A:LYS:H	4	0.2
(32,1329)	1:39:A:VAL:HG13	1:41:A:LYS:H	4	0.2
(32,1314)	1:125:A:THR:HG21	1:128:A:LEU:HB2	13	0.2
(32,1314)	1:125:A:THR:HG22	1:128:A:LEU:HB2	13	0.2
(32,1314)	1:125:A:THR:HG23	1:128:A:LEU:HB2	13	0.2
(32,1312)	1:17:A:ASN:HA	1:76:A:ARG:HA	19	0.2
(32,1299)	1:64:A:LYS:HA	1:64:A:LYS:HD2	4	0.2
(32,1299)	1:64:A:LYS:HA	1:64:A:LYS:HD3	4	0.2
(32,1269)	1:11:A:ILE:HA	1:14:A:VAL:HG11	16	0.2
(32,1269)	1:11:A:ILE:HA	1:14:A:VAL:HG12	16	0.2
(32,1269)	1:11:A:ILE:HA	1:14:A:VAL:HG13	16	0.2
(32,1239)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	8	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1239)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	8	0.2
(32,1239)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	8	0.2
(32,1239)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	8	0.2
(32,1239)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	8	0.2
(32,1239)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	8	0.2
(32,1216)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	16	0.2
(32,1216)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	16	0.2
(32,1216)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	16	0.2
(32,1216)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	16	0.2
(32,1216)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	16	0.2
(32,1216)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	16	0.2
(32,1216)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	16	0.2
(32,1216)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	16	0.2
(32,1216)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	16	0.2
(32,1214)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	12	0.2
(32,1214)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	12	0.2
(32,1214)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	12	0.2
(32,1214)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	12	0.2
(32,1214)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	12	0.2
(32,1214)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	12	0.2
(32,1187)	1:137:A:SER:HA	1:138:A:ASP:HB2	17	0.2
(32,1187)	1:137:A:SER:HA	1:138:A:ASP:HB3	17	0.2
(32,1079)	1:129:A:LYS:HA	1:132:A:ALA:HB1	7	0.2
(32,1079)	1:129:A:LYS:HA	1:132:A:ALA:HB2	7	0.2
(32,1079)	1:129:A:LYS:HA	1:132:A:ALA:HB3	7	0.2
(32,1072)	1:18:A:PHE:HA	1:113:A:PHE:HZ	13	0.2
(32,1043)	1:54:A:ARG:HA	1:57:A:LEU:HB3	5	0.2
(32,1032)	1:71:A:LYS:HG3	1:72:A:PHE:HA	12	0.2
(32,986)	1:81:A:GLU:H	1:81:A:GLU:HB2	1	0.2
(32,917)	1:11:A:ILE:HD11	1:12:A:VAL:HA	12	0.2
(32,917)	1:11:A:ILE:HD12	1:12:A:VAL:HA	12	0.2
(32,917)	1:11:A:ILE:HD13	1:12:A:VAL:HA	12	0.2
(32,915)	1:67:A:PRO:HA	1:70:A:LYS:HB2	4	0.2
(32,915)	1:67:A:PRO:HA	1:70:A:LYS:HB3	4	0.2
(32,897)	1:93:A:GLU:HG2	1:94:A:ALA:HB1	14	0.2
(32,897)	1:93:A:GLU:HG2	1:94:A:ALA:HB2	14	0.2
(32,897)	1:93:A:GLU:HG2	1:94:A:ALA:HB3	14	0.2
(32,897)	1:93:A:GLU:HG3	1:94:A:ALA:HB1	14	0.2
(32,897)	1:93:A:GLU:HG3	1:94:A:ALA:HB2	14	0.2
(32,897)	1:93:A:GLU:HG3	1:94:A:ALA:HB3	14	0.2
(32,897)	1:93:A:GLU:HG2	1:94:A:ALA:HB1	16	0.2
(32,897)	1:93:A:GLU:HG2	1:94:A:ALA:HB2	16	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,897)	1:93:A:GLU:HG2	1:94:A:ALA:HB3	16	0.2
(32,897)	1:93:A:GLU:HG3	1:94:A:ALA:HB1	16	0.2
(32,897)	1:93:A:GLU:HG3	1:94:A:ALA:HB2	16	0.2
(32,897)	1:93:A:GLU:HG3	1:94:A:ALA:HB3	16	0.2
(32,800)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	8	0.2
(32,800)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	8	0.2
(32,800)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	8	0.2
(32,800)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	8	0.2
(32,800)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	8	0.2
(32,800)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	8	0.2
(32,685)	1:23:A:LEU:HB2	1:25:A:ALA:H	8	0.2
(32,685)	1:23:A:LEU:HB3	1:25:A:ALA:H	8	0.2
(32,640)	1:98:A:ILE:H	1:100:A:ALA:H	8	0.2
(32,459)	1:14:A:VAL:H	1:61:A:SER:HA	19	0.2
(32,243)	1:57:A:LEU:HD21	1:58:A:ILE:H	8	0.2
(32,243)	1:57:A:LEU:HD22	1:58:A:ILE:H	8	0.2
(32,243)	1:57:A:LEU:HD23	1:58:A:ILE:H	8	0.2
(32,209)	1:44:A:GLU:HB2	1:48:A:ARG:H	11	0.2
(32,209)	1:44:A:GLU:HB3	1:48:A:ARG:H	11	0.2
(32,122)	1:80:A:TYR:H	1:80:A:TYR:HB3	5	0.2
(32,122)	1:80:A:TYR:H	1:80:A:TYR:HB2	5	0.2
(32,66)	1:63:A:ILE:HG21	1:117:A:VAL:H	12	0.2
(32,66)	1:63:A:ILE:HG22	1:117:A:VAL:H	12	0.2
(32,66)	1:63:A:ILE:HG23	1:117:A:VAL:H	12	0.2
(32,16)	1:93:A:GLU:HG2	1:94:A:ALA:H	11	0.2
(32,16)	1:93:A:GLU:HG3	1:94:A:ALA:H	11	0.2
(30,2456)	1:140:A:LEU:HD11	1:143:A:TRP:HD1	18	0.2
(30,2456)	1:140:A:LEU:HD12	1:143:A:TRP:HD1	18	0.2
(30,2456)	1:140:A:LEU:HD13	1:143:A:TRP:HD1	18	0.2
(30,2456)	1:140:A:LEU:HD21	1:143:A:TRP:HD1	18	0.2
(30,2456)	1:140:A:LEU:HD22	1:143:A:TRP:HD1	18	0.2
(30,2456)	1:140:A:LEU:HD23	1:143:A:TRP:HD1	18	0.2
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD11	2	0.2
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD12	2	0.2
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD13	2	0.2
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD21	2	0.2
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD22	2	0.2
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD23	2	0.2
(30,2342)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	6	0.2
(30,2342)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	6	0.2
(30,2342)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	6	0.2
(30,2342)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	6	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2342)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	6	0.2
(30,2342)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	6	0.2
(30,2342)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	6	0.2
(30,2342)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	6	0.2
(30,2342)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	6	0.2
(30,2342)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	6	0.2
(30,2342)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	6	0.2
(30,2342)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	6	0.2
(30,2341)	1:107:A:LEU:HD11	1:108:A:GLU:H	5	0.2
(30,2341)	1:107:A:LEU:HD12	1:108:A:GLU:H	5	0.2
(30,2341)	1:107:A:LEU:HD13	1:108:A:GLU:H	5	0.2
(30,2341)	1:107:A:LEU:HD21	1:108:A:GLU:H	5	0.2
(30,2341)	1:107:A:LEU:HD22	1:108:A:GLU:H	5	0.2
(30,2341)	1:107:A:LEU:HD23	1:108:A:GLU:H	5	0.2
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD11	6	0.2
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD12	6	0.2
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD13	6	0.2
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD21	6	0.2
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD22	6	0.2
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD23	6	0.2
(30,2315)	1:101:A:ILE:HG13	1:119:A:LEU:HD11	19	0.2
(30,2315)	1:101:A:ILE:HG13	1:119:A:LEU:HD12	19	0.2
(30,2315)	1:101:A:ILE:HG13	1:119:A:LEU:HD13	19	0.2
(30,2315)	1:101:A:ILE:HG13	1:119:A:LEU:HD21	19	0.2
(30,2315)	1:101:A:ILE:HG13	1:119:A:LEU:HD22	19	0.2
(30,2315)	1:101:A:ILE:HG13	1:119:A:LEU:HD23	19	0.2
(30,2311)	1:101:A:ILE:H	1:119:A:LEU:HD11	8	0.2
(30,2311)	1:101:A:ILE:H	1:119:A:LEU:HD12	8	0.2
(30,2311)	1:101:A:ILE:H	1:119:A:LEU:HD13	8	0.2
(30,2311)	1:101:A:ILE:H	1:119:A:LEU:HD21	8	0.2
(30,2311)	1:101:A:ILE:H	1:119:A:LEU:HD22	8	0.2
(30,2311)	1:101:A:ILE:H	1:119:A:LEU:HD23	8	0.2
(30,2298)	1:96:A:VAL:HG11	1:104:A:PHE:HE1	6	0.2
(30,2298)	1:96:A:VAL:HG11	1:104:A:PHE:HE2	6	0.2
(30,2298)	1:96:A:VAL:HG12	1:104:A:PHE:HE1	6	0.2
(30,2298)	1:96:A:VAL:HG12	1:104:A:PHE:HE2	6	0.2
(30,2298)	1:96:A:VAL:HG13	1:104:A:PHE:HE1	6	0.2
(30,2298)	1:96:A:VAL:HG13	1:104:A:PHE:HE2	6	0.2
(30,2298)	1:96:A:VAL:HG21	1:104:A:PHE:HE1	6	0.2
(30,2298)	1:96:A:VAL:HG21	1:104:A:PHE:HE2	6	0.2
(30,2298)	1:96:A:VAL:HG22	1:104:A:PHE:HE1	6	0.2
(30,2298)	1:96:A:VAL:HG22	1:104:A:PHE:HE2	6	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2298)	1:96:A:VAL:HG23	1:104:A:PHE:HE1	6	0.2
(30,2298)	1:96:A:VAL:HG23	1:104:A:PHE:HE2	6	0.2
(30,2283)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	10	0.2
(30,2283)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	10	0.2
(30,2282)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	10	0.2
(30,2282)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	10	0.2
(30,2282)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	10	0.2
(30,2282)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	10	0.2
(30,2276)	1:75:A:GLY:H	1:77:A:CYS:HB2	12	0.2
(30,2276)	1:75:A:GLY:H	1:77:A:CYS:HB3	12	0.2
(30,2250)	1:69:A:MET:HG2	1:73:A:ILE:HD11	10	0.2
(30,2250)	1:69:A:MET:HG2	1:73:A:ILE:HD12	10	0.2
(30,2250)	1:69:A:MET:HG2	1:73:A:ILE:HD13	10	0.2
(30,2250)	1:69:A:MET:HG3	1:73:A:ILE:HD11	10	0.2
(30,2250)	1:69:A:MET:HG3	1:73:A:ILE:HD12	10	0.2
(30,2250)	1:69:A:MET:HG3	1:73:A:ILE:HD13	10	0.2
(30,2220)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	1	0.2
(30,2220)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	1	0.2
(30,2220)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	1	0.2
(30,2220)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	1	0.2
(30,2220)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	1	0.2
(30,2220)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	1	0.2
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD11	12	0.2
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD12	12	0.2
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD13	12	0.2
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD21	12	0.2
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD22	12	0.2
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD23	12	0.2
(30,2177)	1:46:A:ASN:HB2	1:134:A:VAL:HB	9	0.2
(30,2177)	1:46:A:ASN:HB3	1:134:A:VAL:HB	9	0.2
(30,2157)	1:43:A:MET:H	1:43:A:MET:HG2	7	0.2
(30,2157)	1:43:A:MET:H	1:43:A:MET:HG3	7	0.2
(30,2056)	1:30:A:LEU:HD11	1:31:A:PRO:HG2	16	0.2
(30,2056)	1:30:A:LEU:HD11	1:31:A:PRO:HG3	16	0.2
(30,2056)	1:30:A:LEU:HD12	1:31:A:PRO:HG2	16	0.2
(30,2056)	1:30:A:LEU:HD12	1:31:A:PRO:HG3	16	0.2
(30,2056)	1:30:A:LEU:HD13	1:31:A:PRO:HG2	16	0.2
(30,2056)	1:30:A:LEU:HD13	1:31:A:PRO:HG3	16	0.2
(30,2056)	1:30:A:LEU:HD21	1:31:A:PRO:HG2	16	0.2
(30,2056)	1:30:A:LEU:HD21	1:31:A:PRO:HG3	16	0.2
(30,2056)	1:30:A:LEU:HD22	1:31:A:PRO:HG2	16	0.2
(30,2056)	1:30:A:LEU:HD22	1:31:A:PRO:HG3	16	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2056)	1:30:A:LEU:HD23	1:31:A:PRO:HG2	16	0.2
(30,2056)	1:30:A:LEU:HD23	1:31:A:PRO:HG3	16	0.2
(30,2044)	1:27:A:ARG:HB2	1:29:A:LYS:H	16	0.2
(30,2044)	1:27:A:ARG:HB3	1:29:A:LYS:H	16	0.2
(30,2032)	1:23:A:LEU:HD11	1:25:A:ALA:H	8	0.2
(30,2032)	1:23:A:LEU:HD12	1:25:A:ALA:H	8	0.2
(30,2032)	1:23:A:LEU:HD13	1:25:A:ALA:H	8	0.2
(30,2032)	1:23:A:LEU:HD21	1:25:A:ALA:H	8	0.2
(30,2032)	1:23:A:LEU:HD22	1:25:A:ALA:H	8	0.2
(30,2032)	1:23:A:LEU:HD23	1:25:A:ALA:H	8	0.2
(30,1999)	1:14:A:VAL:HG11	1:61:A:SER:HB2	17	0.2
(30,1999)	1:14:A:VAL:HG11	1:61:A:SER:HB3	17	0.2
(30,1999)	1:14:A:VAL:HG12	1:61:A:SER:HB2	17	0.2
(30,1999)	1:14:A:VAL:HG12	1:61:A:SER:HB3	17	0.2
(30,1999)	1:14:A:VAL:HG13	1:61:A:SER:HB2	17	0.2
(30,1999)	1:14:A:VAL:HG13	1:61:A:SER:HB3	17	0.2
(30,1999)	1:14:A:VAL:HG21	1:61:A:SER:HB2	17	0.2
(30,1999)	1:14:A:VAL:HG21	1:61:A:SER:HB3	17	0.2
(30,1999)	1:14:A:VAL:HG22	1:61:A:SER:HB2	17	0.2
(30,1999)	1:14:A:VAL:HG22	1:61:A:SER:HB3	17	0.2
(30,1999)	1:14:A:VAL:HG23	1:61:A:SER:HB2	17	0.2
(30,1999)	1:14:A:VAL:HG23	1:61:A:SER:HB3	17	0.2
(30,1937)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	7	0.2
(30,1937)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	7	0.2
(30,1937)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	7	0.2
(30,1937)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	7	0.2
(30,1937)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	7	0.2
(30,1937)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	7	0.2
(30,1937)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	7	0.2
(30,1937)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	7	0.2
(30,1937)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	7	0.2
(30,1937)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	7	0.2
(30,1937)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	7	0.2
(30,1937)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	7	0.2
(30,1896)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	11	0.2
(30,1896)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	11	0.2
(30,1896)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	11	0.2
(30,1896)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	11	0.2
(30,1896)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	11	0.2
(30,1896)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	11	0.2
(30,1877)	1:18:A:PHE:HD1	1:131:A:LEU:HD11	13	0.2
(30,1877)	1:18:A:PHE:HD1	1:131:A:LEU:HD12	13	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1877)	1:18:A:PHE:HD1	1:131:A:LEU:HD13	13	0.2
(30,1877)	1:18:A:PHE:HD2	1:131:A:LEU:HD11	13	0.2
(30,1877)	1:18:A:PHE:HD2	1:131:A:LEU:HD12	13	0.2
(30,1877)	1:18:A:PHE:HD2	1:131:A:LEU:HD13	13	0.2
(30,1867)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	17	0.2
(30,1867)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	17	0.2
(30,1857)	1:9:A:PHE:HZ	1:11:A:ILE:HA	2	0.2
(30,1842)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	7	0.2
(30,1842)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	7	0.2
(30,1842)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	7	0.2
(30,1827)	1:9:A:PHE:HZ	1:57:A:LEU:HA	19	0.2
(30,1819)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	3	0.2
(30,1819)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	3	0.2
(30,1819)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	7	0.2
(30,1819)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	7	0.2
(30,1787)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	3	0.2
(30,1787)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	3	0.2
(30,1741)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	5	0.2
(30,1741)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	5	0.2
(30,1741)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	5	0.2
(30,1731)	1:21:A:THR:HG21	1:24:A:ASP:HB2	17	0.2
(30,1731)	1:21:A:THR:HG21	1:24:A:ASP:HB3	17	0.2
(30,1731)	1:21:A:THR:HG22	1:24:A:ASP:HB2	17	0.2
(30,1731)	1:21:A:THR:HG22	1:24:A:ASP:HB3	17	0.2
(30,1731)	1:21:A:THR:HG23	1:24:A:ASP:HB2	17	0.2
(30,1731)	1:21:A:THR:HG23	1:24:A:ASP:HB3	17	0.2
(30,1649)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	19	0.2
(30,1649)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	19	0.2
(30,1649)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	19	0.2
(30,1649)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	19	0.2
(30,1649)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	19	0.2
(30,1649)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	19	0.2
(30,1646)	1:134:A:VAL:HG21	1:137:A:SER:H	10	0.2
(30,1646)	1:134:A:VAL:HG22	1:137:A:SER:H	10	0.2
(30,1646)	1:134:A:VAL:HG23	1:137:A:SER:H	10	0.2
(30,1628)	1:13:A:ALA:HA	1:80:A:TYR:HB3	14	0.2
(30,1584)	1:101:A:ILE:HD11	1:112:A:GLN:HA	16	0.2
(30,1584)	1:101:A:ILE:HD12	1:112:A:GLN:HA	16	0.2
(30,1584)	1:101:A:ILE:HD13	1:112:A:GLN:HA	16	0.2
(30,1569)	1:11:A:ILE:HD11	1:14:A:VAL:H	3	0.2
(30,1569)	1:11:A:ILE:HD12	1:14:A:VAL:H	3	0.2
(30,1569)	1:11:A:ILE:HD13	1:14:A:VAL:H	3	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1555)	1:60:A:LEU:HA	1:117:A:VAL:HG21	7	0.2
(30,1555)	1:60:A:LEU:HA	1:117:A:VAL:HG22	7	0.2
(30,1555)	1:60:A:LEU:HA	1:117:A:VAL:HG23	7	0.2
(30,1496)	1:114:A:ILE:HG21	1:117:A:VAL:HB	10	0.2
(30,1496)	1:114:A:ILE:HG22	1:117:A:VAL:HB	10	0.2
(30,1496)	1:114:A:ILE:HG23	1:117:A:VAL:HB	10	0.2
(30,1458)	1:15:A:ALA:HB1	1:132:A:ALA:HA	6	0.2
(30,1458)	1:15:A:ALA:HB2	1:132:A:ALA:HA	6	0.2
(30,1458)	1:15:A:ALA:HB3	1:132:A:ALA:HA	6	0.2
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG11	2	0.2
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG12	2	0.2
(30,1354)	1:39:A:VAL:H	1:39:A:VAL:HG13	2	0.2
(30,1343)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	19	0.2
(30,1343)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	19	0.2
(30,1343)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	19	0.2
(30,1342)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	8	0.2
(30,1342)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	8	0.2
(30,1342)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	8	0.2
(30,1342)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	8	0.2
(30,1342)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	8	0.2
(30,1342)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	8	0.2
(30,1340)	1:125:A:THR:HG21	1:128:A:LEU:HB2	13	0.2
(30,1340)	1:125:A:THR:HG22	1:128:A:LEU:HB2	13	0.2
(30,1340)	1:125:A:THR:HG23	1:128:A:LEU:HB2	13	0.2
(30,1333)	1:103:A:ARG:HG2	1:106:A:ASP:HA	15	0.2
(30,1333)	1:103:A:ARG:HG3	1:106:A:ASP:HA	15	0.2
(30,1263)	1:113:A:PHE:HD1	1:117:A:VAL:HG21	2	0.2
(30,1263)	1:113:A:PHE:HD1	1:117:A:VAL:HG22	2	0.2
(30,1263)	1:113:A:PHE:HD1	1:117:A:VAL:HG23	2	0.2
(30,1263)	1:113:A:PHE:HD2	1:117:A:VAL:HG21	2	0.2
(30,1263)	1:113:A:PHE:HD2	1:117:A:VAL:HG22	2	0.2
(30,1263)	1:113:A:PHE:HD2	1:117:A:VAL:HG23	2	0.2
(30,1263)	1:113:A:PHE:HD1	1:117:A:VAL:HG21	15	0.2
(30,1263)	1:113:A:PHE:HD1	1:117:A:VAL:HG22	15	0.2
(30,1263)	1:113:A:PHE:HD1	1:117:A:VAL:HG23	15	0.2
(30,1263)	1:113:A:PHE:HD2	1:117:A:VAL:HG21	15	0.2
(30,1263)	1:113:A:PHE:HD2	1:117:A:VAL:HG22	15	0.2
(30,1263)	1:113:A:PHE:HD2	1:117:A:VAL:HG23	15	0.2
(30,1245)	1:37:A:LEU:HD11	1:38:A:GLU:HA	6	0.2
(30,1245)	1:37:A:LEU:HD12	1:38:A:GLU:HA	6	0.2
(30,1245)	1:37:A:LEU:HD13	1:38:A:GLU:HA	6	0.2
(30,1216)	1:137:A:SER:HA	1:138:A:ASP:HB2	17	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1216)	1:137:A:SER:HA	1:138:A:ASP:HB3	17	0.2
(30,1139)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	8	0.2
(30,1139)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	8	0.2
(30,1139)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	8	0.2
(30,1139)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	8	0.2
(30,1139)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	8	0.2
(30,1139)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	8	0.2
(30,1139)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	8	0.2
(30,1139)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	8	0.2
(30,1139)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	8	0.2
(30,1131)	1:144:A:LEU:HB2	1:144:A:LEU:HD21	1	0.2
(30,1131)	1:144:A:LEU:HB2	1:144:A:LEU:HD22	1	0.2
(30,1131)	1:144:A:LEU:HB2	1:144:A:LEU:HD23	1	0.2
(30,1131)	1:144:A:LEU:HB2	1:144:A:LEU:HD21	17	0.2
(30,1131)	1:144:A:LEU:HB2	1:144:A:LEU:HD22	17	0.2
(30,1131)	1:144:A:LEU:HB2	1:144:A:LEU:HD23	17	0.2
(30,1063)	1:54:A:ARG:HA	1:57:A:LEU:HB3	5	0.2
(30,1059)	1:54:A:ARG:HA	1:58:A:ILE:HG13	6	0.2
(30,1059)	1:54:A:ARG:HA	1:58:A:ILE:HG13	19	0.2
(30,1008)	1:149:A:ALA:HB1	1:150:A:THR:HA	16	0.2
(30,1008)	1:149:A:ALA:HB2	1:150:A:THR:HA	16	0.2
(30,1008)	1:149:A:ALA:HB3	1:150:A:THR:HA	16	0.2
(30,989)	1:35:A:LEU:HG	1:143:A:TRP:HB3	11	0.2
(30,953)	1:70:A:LYS:HB2	1:74:A:PRO:HA	6	0.2
(30,953)	1:70:A:LYS:HB3	1:74:A:PRO:HA	6	0.2
(30,940)	1:67:A:PRO:HA	1:70:A:LYS:HB2	4	0.2
(30,940)	1:67:A:PRO:HA	1:70:A:LYS:HB3	4	0.2
(30,817)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	8	0.2
(30,817)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	8	0.2
(30,817)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	8	0.2
(30,817)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	8	0.2
(30,817)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	8	0.2
(30,817)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	8	0.2
(30,797)	1:8:A:ASP:H	1:58:A:ILE:HD11	6	0.2
(30,797)	1:8:A:ASP:H	1:58:A:ILE:HD12	6	0.2
(30,797)	1:8:A:ASP:H	1:58:A:ILE:HD13	6	0.2
(30,784)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	3	0.2
(30,784)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	3	0.2
(30,784)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	3	0.2
(30,784)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	3	0.2
(30,784)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	3	0.2
(30,784)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	3	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,761)	1:69:A:MET:HG2	1:73:A:ILE:HD11	19	0.2
(30,761)	1:69:A:MET:HG2	1:73:A:ILE:HD12	19	0.2
(30,761)	1:69:A:MET:HG2	1:73:A:ILE:HD13	19	0.2
(30,677)	1:18:A:PHE:HB3	1:132:A:ALA:H	12	0.2
(30,629)	1:9:A:PHE:HZ	1:58:A:ILE:H	18	0.2
(30,580)	1:126:A:GLY:H	1:129:A:LYS:HG2	2	0.2
(30,473)	1:14:A:VAL:H	1:61:A:SER:HA	19	0.2
(30,314)	1:43:A:MET:H	1:140:A:LEU:HD11	8	0.2
(30,314)	1:43:A:MET:H	1:140:A:LEU:HD12	8	0.2
(30,314)	1:43:A:MET:H	1:140:A:LEU:HD13	8	0.2
(30,312)	1:46:A:ASN:H	1:47:A:ALA:HB1	8	0.2
(30,312)	1:46:A:ASN:H	1:47:A:ALA:HB2	8	0.2
(30,312)	1:46:A:ASN:H	1:47:A:ALA:HB3	8	0.2
(30,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	8	0.2
(30,173)	1:8:A:ASP:H	1:58:A:ILE:HG13	3	0.2
(30,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	17	0.2
(30,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	17	0.2
(30,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	17	0.2
(30,126)	1:80:A:TYR:H	1:80:A:TYR:HB3	5	0.2
(30,126)	1:80:A:TYR:H	1:80:A:TYR:HB2	5	0.2
(29,2424)	1:140:A:LEU:HD11	1:144:A:LEU:H	6	0.2
(29,2424)	1:140:A:LEU:HD12	1:144:A:LEU:H	6	0.2
(29,2424)	1:140:A:LEU:HD13	1:144:A:LEU:H	6	0.2
(29,2424)	1:140:A:LEU:HD21	1:144:A:LEU:H	6	0.2
(29,2424)	1:140:A:LEU:HD22	1:144:A:LEU:H	6	0.2
(29,2424)	1:140:A:LEU:HD23	1:144:A:LEU:H	6	0.2
(29,2306)	1:105:A:LYS:HG2	1:106:A:ASP:HA	17	0.2
(29,2306)	1:105:A:LYS:HG3	1:106:A:ASP:HA	17	0.2
(29,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	2	0.2
(29,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	2	0.2
(29,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	2	0.2
(29,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	2	0.2
(29,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	2	0.2
(29,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	2	0.2
(29,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	2	0.2
(29,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	2	0.2
(29,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	2	0.2
(29,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	2	0.2
(29,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	2	0.2
(29,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	2	0.2
(29,2282)	1:96:A:VAL:HG11	1:104:A:PHE:HE1	6	0.2
(29,2282)	1:96:A:VAL:HG11	1:104:A:PHE:HE2	6	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2282)	1:96:A:VAL:HG12	1:104:A:PHE:HE1	6	0.2
(29,2282)	1:96:A:VAL:HG12	1:104:A:PHE:HE2	6	0.2
(29,2282)	1:96:A:VAL:HG13	1:104:A:PHE:HE1	6	0.2
(29,2282)	1:96:A:VAL:HG13	1:104:A:PHE:HE2	6	0.2
(29,2282)	1:96:A:VAL:HG21	1:104:A:PHE:HE1	6	0.2
(29,2282)	1:96:A:VAL:HG21	1:104:A:PHE:HE2	6	0.2
(29,2282)	1:96:A:VAL:HG22	1:104:A:PHE:HE1	6	0.2
(29,2282)	1:96:A:VAL:HG22	1:104:A:PHE:HE2	6	0.2
(29,2282)	1:96:A:VAL:HG23	1:104:A:PHE:HE1	6	0.2
(29,2282)	1:96:A:VAL:HG23	1:104:A:PHE:HE2	6	0.2
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	9	0.2
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	9	0.2
(29,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	9	0.2
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	9	0.2
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	9	0.2
(29,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	9	0.2
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	9	0.2
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	9	0.2
(29,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	9	0.2
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	9	0.2
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	9	0.2
(29,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	9	0.2
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	9	0.2
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	9	0.2
(29,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	9	0.2
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	9	0.2
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	9	0.2
(29,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	9	0.2
(29,2267)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	10	0.2
(29,2267)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	10	0.2
(29,2266)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	10	0.2
(29,2266)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	10	0.2
(29,2266)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	10	0.2
(29,2266)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	10	0.2
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG11	8	0.2
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG12	8	0.2
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG13	8	0.2
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG21	8	0.2
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG22	8	0.2
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG23	8	0.2
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG11	8	0.2
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG12	8	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG13	8	0.2
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG21	8	0.2
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG22	8	0.2
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG23	8	0.2
(29,2176)	1:54:A:ARG:HA	1:57:A:LEU:HD11	13	0.2
(29,2176)	1:54:A:ARG:HA	1:57:A:LEU:HD12	13	0.2
(29,2176)	1:54:A:ARG:HA	1:57:A:LEU:HD13	13	0.2
(29,2176)	1:54:A:ARG:HA	1:57:A:LEU:HD21	13	0.2
(29,2176)	1:54:A:ARG:HA	1:57:A:LEU:HD22	13	0.2
(29,2176)	1:54:A:ARG:HA	1:57:A:LEU:HD23	13	0.2
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD11	14	0.2
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD12	14	0.2
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD13	14	0.2
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD21	14	0.2
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD22	14	0.2
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD23	14	0.2
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD11	17	0.2
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD12	17	0.2
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD13	17	0.2
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD21	17	0.2
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD22	17	0.2
(29,2049)	1:21:A:THR:HB	1:23:A:LEU:HD23	17	0.2
(29,2020)	1:14:A:VAL:HG11	1:61:A:SER:HB2	17	0.2
(29,2020)	1:14:A:VAL:HG11	1:61:A:SER:HB3	17	0.2
(29,2020)	1:14:A:VAL:HG12	1:61:A:SER:HB2	17	0.2
(29,2020)	1:14:A:VAL:HG12	1:61:A:SER:HB3	17	0.2
(29,2020)	1:14:A:VAL:HG13	1:61:A:SER:HB2	17	0.2
(29,2020)	1:14:A:VAL:HG13	1:61:A:SER:HB3	17	0.2
(29,2020)	1:14:A:VAL:HG21	1:61:A:SER:HB2	17	0.2
(29,2020)	1:14:A:VAL:HG21	1:61:A:SER:HB3	17	0.2
(29,2020)	1:14:A:VAL:HG22	1:61:A:SER:HB2	17	0.2
(29,2020)	1:14:A:VAL:HG22	1:61:A:SER:HB3	17	0.2
(29,2020)	1:14:A:VAL:HG23	1:61:A:SER:HB2	17	0.2
(29,2020)	1:14:A:VAL:HG23	1:61:A:SER:HB3	17	0.2
(29,2011)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	11	0.2
(29,2011)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	11	0.2
(29,2011)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	11	0.2
(29,2011)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	11	0.2
(29,2011)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	11	0.2
(29,2011)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	11	0.2
(29,2011)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	11	0.2
(29,2011)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	11	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2011)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	11	0.2
(29,2011)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	11	0.2
(29,2011)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	11	0.2
(29,2011)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	11	0.2
(29,1965)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	4	0.2
(29,1965)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	4	0.2
(29,1965)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	4	0.2
(29,1965)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	4	0.2
(29,1922)	1:151:A:PHE:H	1:151:A:PHE:HD1	12	0.2
(29,1922)	1:151:A:PHE:H	1:151:A:PHE:HD2	12	0.2
(29,1921)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	4	0.2
(29,1921)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	4	0.2
(29,1921)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	4	0.2
(29,1921)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	4	0.2
(29,1890)	1:18:A:PHE:HD1	1:131:A:LEU:HD11	13	0.2
(29,1890)	1:18:A:PHE:HD1	1:131:A:LEU:HD12	13	0.2
(29,1890)	1:18:A:PHE:HD1	1:131:A:LEU:HD13	13	0.2
(29,1890)	1:18:A:PHE:HD2	1:131:A:LEU:HD11	13	0.2
(29,1890)	1:18:A:PHE:HD2	1:131:A:LEU:HD12	13	0.2
(29,1890)	1:18:A:PHE:HD2	1:131:A:LEU:HD13	13	0.2
(29,1860)	1:59:A:CYS:HA	1:62:A:HIS:HD2	3	0.2
(29,1828)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	3	0.2
(29,1828)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	3	0.2
(29,1828)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	3	0.2
(29,1828)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	3	0.2
(29,1828)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	3	0.2
(29,1828)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	3	0.2
(29,1722)	1:34:A:LYS:HA	1:35:A:LEU:HB3	18	0.2
(29,1713)	1:52:A:CYS:HA	1:124:A:THR:HB	3	0.2
(29,1667)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	13	0.2
(29,1667)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	13	0.2
(29,1667)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	13	0.2
(29,1667)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	13	0.2
(29,1667)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	13	0.2
(29,1667)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	13	0.2
(29,1663)	1:134:A:VAL:HG21	1:137:A:SER:H	10	0.2
(29,1663)	1:134:A:VAL:HG22	1:137:A:SER:H	10	0.2
(29,1663)	1:134:A:VAL:HG23	1:137:A:SER:H	10	0.2
(29,1651)	1:26:A:ASP:HA	1:27:A:ARG:HB2	9	0.2
(29,1572)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	13	0.2
(29,1572)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	13	0.2
(29,1572)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	13	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1572)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	13	0.2
(29,1572)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	13	0.2
(29,1572)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	13	0.2
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE1	13	0.2
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE2	13	0.2
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE3	13	0.2
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE1	13	0.2
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE2	13	0.2
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE3	13	0.2
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE1	13	0.2
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE2	13	0.2
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE3	13	0.2
(29,1507)	1:114:A:ILE:HG21	1:117:A:VAL:HB	10	0.2
(29,1507)	1:114:A:ILE:HG22	1:117:A:VAL:HB	10	0.2
(29,1507)	1:114:A:ILE:HG23	1:117:A:VAL:HB	10	0.2
(29,1489)	1:101:A:ILE:HG21	1:115:A:ALA:HA	11	0.2
(29,1489)	1:101:A:ILE:HG22	1:115:A:ALA:HA	11	0.2
(29,1489)	1:101:A:ILE:HG23	1:115:A:ALA:HA	11	0.2
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB2	12	0.2
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB3	12	0.2
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB2	12	0.2
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB3	12	0.2
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB2	12	0.2
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB3	12	0.2
(29,1437)	1:119:A:LEU:HA	1:121:A:VAL:HG21	6	0.2
(29,1437)	1:119:A:LEU:HA	1:121:A:VAL:HG22	6	0.2
(29,1437)	1:119:A:LEU:HA	1:121:A:VAL:HG23	6	0.2
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG21	12	0.2
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG22	12	0.2
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG23	12	0.2
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG11	10	0.2
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG12	10	0.2
(29,1385)	1:43:A:MET:HA	1:134:A:VAL:HG13	10	0.2
(29,1368)	1:39:A:VAL:HG11	1:41:A:LYS:H	4	0.2
(29,1368)	1:39:A:VAL:HG12	1:41:A:LYS:H	4	0.2
(29,1368)	1:39:A:VAL:HG13	1:41:A:LYS:H	4	0.2
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG11	18	0.2
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG12	18	0.2
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG13	18	0.2
(29,1364)	1:107:A:LEU:H	1:107:A:LEU:HD11	11	0.2
(29,1364)	1:107:A:LEU:H	1:107:A:LEU:HD12	11	0.2
(29,1364)	1:107:A:LEU:H	1:107:A:LEU:HD13	11	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1338)	1:64:A:LYS:HA	1:64:A:LYS:HD2	4	0.2
(29,1338)	1:64:A:LYS:HA	1:64:A:LYS:HD3	4	0.2
(29,1281)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	8	0.2
(29,1281)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	8	0.2
(29,1281)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	8	0.2
(29,1281)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	8	0.2
(29,1281)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	8	0.2
(29,1281)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	8	0.2
(29,1237)	1:137:A:SER:HA	1:138:A:ASP:HB2	17	0.2
(29,1237)	1:137:A:SER:HA	1:138:A:ASP:HB3	17	0.2
(29,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	15	0.2
(29,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	15	0.2
(29,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	15	0.2
(29,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	15	0.2
(29,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	15	0.2
(29,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	15	0.2
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD21	11	0.2
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD22	11	0.2
(29,1204)	1:107:A:LEU:H	1:107:A:LEU:HD23	11	0.2
(29,1125)	1:129:A:LYS:HA	1:132:A:ALA:HB1	7	0.2
(29,1125)	1:129:A:LYS:HA	1:132:A:ALA:HB2	7	0.2
(29,1125)	1:129:A:LYS:HA	1:132:A:ALA:HB3	7	0.2
(29,1123)	1:43:A:MET:HA	1:43:A:MET:HG3	7	0.2
(29,1117)	1:18:A:PHE:HA	1:113:A:PHE:HZ	13	0.2
(29,1061)	1:111:A:GLU:HA	1:114:A:ILE:HG12	16	0.2
(29,1031)	1:34:A:LYS:H	1:81:A:GLU:HB3	15	0.2
(29,1030)	1:149:A:ALA:HB1	1:150:A:THR:HA	16	0.2
(29,1030)	1:149:A:ALA:HB2	1:150:A:THR:HA	16	0.2
(29,1030)	1:149:A:ALA:HB3	1:150:A:THR:HA	16	0.2
(29,1005)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	3	0.2
(29,1005)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	3	0.2
(29,1004)	1:63:A:ILE:HA	1:64:A:LYS:HD2	12	0.2
(29,1004)	1:63:A:ILE:HA	1:64:A:LYS:HD3	12	0.2
(29,970)	1:15:A:ALA:HB1	1:43:A:MET:HB2	17	0.2
(29,970)	1:15:A:ALA:HB2	1:43:A:MET:HB2	17	0.2
(29,970)	1:15:A:ALA:HB3	1:43:A:MET:HB2	17	0.2
(29,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	19	0.2
(29,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	19	0.2
(29,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	19	0.2
(29,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	8	0.2
(29,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	8	0.2
(29,835)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	8	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	8	0.2
(29,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	8	0.2
(29,835)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	8	0.2
(29,826)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	7	0.2
(29,826)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	7	0.2
(29,826)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	7	0.2
(29,805)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	3	0.2
(29,805)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	3	0.2
(29,805)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	3	0.2
(29,805)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	3	0.2
(29,805)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	3	0.2
(29,805)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	3	0.2
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	4	0.2
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	4	0.2
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	4	0.2
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	4	0.2
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	4	0.2
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	4	0.2
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	4	0.2
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	4	0.2
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	4	0.2
(29,786)	1:101:A:ILE:HD11	1:119:A:LEU:HA	19	0.2
(29,786)	1:101:A:ILE:HD12	1:119:A:LEU:HA	19	0.2
(29,786)	1:101:A:ILE:HD13	1:119:A:LEU:HA	19	0.2
(29,727)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	3	0.2
(29,727)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	3	0.2
(29,727)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	3	0.2
(29,595)	1:75:A:GLY:H	1:76:A:ARG:HG2	15	0.2
(29,595)	1:75:A:GLY:H	1:76:A:ARG:HG3	15	0.2
(29,586)	1:126:A:GLY:H	1:129:A:LYS:HG2	2	0.2
(29,486)	1:147:A:ARG:HG2	1:148:A:CYS:H	12	0.2
(29,486)	1:147:A:ARG:HG3	1:148:A:CYS:H	12	0.2
(29,477)	1:14:A:VAL:H	1:61:A:SER:HA	19	0.2
(29,341)	1:110:A:MET:HG2	1:111:A:GLU:H	17	0.2
(29,341)	1:110:A:MET:HG3	1:111:A:GLU:H	17	0.2
(29,222)	1:44:A:GLU:HB2	1:48:A:ARG:H	11	0.2
(29,222)	1:44:A:GLU:HB3	1:48:A:ARG:H	11	0.2
(29,43)	1:45:A:ALA:HA	1:47:A:ALA:H	11	0.2
(29,37)	1:95:A:ILE:HB	1:96:A:VAL:H	7	0.2
(24,39)	1:119:A:LEU:H	1:115:A:ALA:O	8	0.2
(24,29)	1:114:A:ILE:H	1:110:A:MET:O	15	0.2
(24,23)	1:101:A:ILE:H	1:98:A:ILE:O	2	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(23,9)	1:73:A:ILE:N	1:69:A:MET:O	1	0.2
(22,28)	1:115:A:ALA:N	1:111:A:GLU:C	5	0.2
(22,19)	1:101:A:ILE:H	1:98:A:ILE:C	6	0.2
(20,5)	1:52:A:CYS:SG	1:127:A:CYS:SG	17	0.2
(19,10)	1:127:A:CYS:SG	1:52:A:CYS:CB	11	0.2
(18,2447)	1:140:A:LEU:HD11	1:143:A:TRP:H	10	0.2
(18,2447)	1:140:A:LEU:HD12	1:143:A:TRP:H	10	0.2
(18,2447)	1:140:A:LEU:HD13	1:143:A:TRP:H	10	0.2
(18,2447)	1:140:A:LEU:HD21	1:143:A:TRP:H	10	0.2
(18,2447)	1:140:A:LEU:HD22	1:143:A:TRP:H	10	0.2
(18,2447)	1:140:A:LEU:HD23	1:143:A:TRP:H	10	0.2
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB1	5	0.2
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB2	5	0.2
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB3	5	0.2
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB1	5	0.2
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB2	5	0.2
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB3	5	0.2
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB1	5	0.2
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB2	5	0.2
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB3	5	0.2
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB1	5	0.2
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB2	5	0.2
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB3	5	0.2
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB1	5	0.2
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB2	5	0.2
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB3	5	0.2
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB1	5	0.2
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB2	5	0.2
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB3	5	0.2
(18,2330)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	16	0.2
(18,2330)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	16	0.2
(18,2330)	1:109:A:PRO:HG3	1:112:A:GLN:HB2	16	0.2
(18,2330)	1:109:A:PRO:HG3	1:112:A:GLN:HB3	16	0.2
(18,2310)	1:105:A:LYS:HG2	1:106:A:ASP:HA	17	0.2
(18,2310)	1:105:A:LYS:HG3	1:106:A:ASP:HA	17	0.2
(18,2281)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	2	0.2
(18,2281)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	2	0.2
(18,2281)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	2	0.2
(18,2281)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	2	0.2
(18,2281)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	2	0.2
(18,2281)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	2	0.2
(18,2281)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	2	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2281)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	2	0.2
(18,2281)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	2	0.2
(18,2281)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	2	0.2
(18,2281)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	2	0.2
(18,2281)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	2	0.2
(18,2279)	1:96:A:VAL:HG11	1:104:A:PHE:HE1	6	0.2
(18,2279)	1:96:A:VAL:HG11	1:104:A:PHE:HE2	6	0.2
(18,2279)	1:96:A:VAL:HG12	1:104:A:PHE:HE1	6	0.2
(18,2279)	1:96:A:VAL:HG12	1:104:A:PHE:HE2	6	0.2
(18,2279)	1:96:A:VAL:HG13	1:104:A:PHE:HE1	6	0.2
(18,2279)	1:96:A:VAL:HG13	1:104:A:PHE:HE2	6	0.2
(18,2279)	1:96:A:VAL:HG21	1:104:A:PHE:HE1	6	0.2
(18,2279)	1:96:A:VAL:HG21	1:104:A:PHE:HE2	6	0.2
(18,2279)	1:96:A:VAL:HG22	1:104:A:PHE:HE1	6	0.2
(18,2279)	1:96:A:VAL:HG22	1:104:A:PHE:HE2	6	0.2
(18,2279)	1:96:A:VAL:HG23	1:104:A:PHE:HE1	6	0.2
(18,2279)	1:96:A:VAL:HG23	1:104:A:PHE:HE2	6	0.2
(18,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB2	16	0.2
(18,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB3	16	0.2
(18,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB2	16	0.2
(18,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB3	16	0.2
(18,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB2	16	0.2
(18,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB3	16	0.2
(18,2225)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	10	0.2
(18,2225)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	10	0.2
(18,2225)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	10	0.2
(18,2225)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	10	0.2
(18,2225)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	10	0.2
(18,2225)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	10	0.2
(18,2225)	1:60:A:LEU:HD11	1:122:A:ASP:HB3	10	0.2
(18,2225)	1:60:A:LEU:HD12	1:122:A:ASP:HB3	10	0.2
(18,2225)	1:60:A:LEU:HD13	1:122:A:ASP:HB3	10	0.2
(18,2225)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	10	0.2
(18,2225)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	10	0.2
(18,2225)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	10	0.2
(18,2225)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	13	0.2
(18,2225)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	13	0.2
(18,2225)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	13	0.2
(18,2225)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	13	0.2
(18,2225)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	13	0.2
(18,2225)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	13	0.2
(18,2225)	1:60:A:LEU:HD11	1:122:A:ASP:HB3	13	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2225)	1:60:A:LEU:HD12	1:122:A:ASP:HB3	13	0.2
(18,2225)	1:60:A:LEU:HD13	1:122:A:ASP:HB3	13	0.2
(18,2225)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	13	0.2
(18,2225)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	13	0.2
(18,2225)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	13	0.2
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD11	14	0.2
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD12	14	0.2
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD13	14	0.2
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD21	14	0.2
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD22	14	0.2
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD23	14	0.2
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD11	16	0.2
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD12	16	0.2
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD13	16	0.2
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD21	16	0.2
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD22	16	0.2
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD23	16	0.2
(18,2039)	1:23:A:LEU:HD11	1:25:A:ALA:H	8	0.2
(18,2039)	1:23:A:LEU:HD12	1:25:A:ALA:H	8	0.2
(18,2039)	1:23:A:LEU:HD13	1:25:A:ALA:H	8	0.2
(18,2039)	1:23:A:LEU:HD21	1:25:A:ALA:H	8	0.2
(18,2039)	1:23:A:LEU:HD22	1:25:A:ALA:H	8	0.2
(18,2039)	1:23:A:LEU:HD23	1:25:A:ALA:H	8	0.2
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD11	16	0.2
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD12	16	0.2
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD13	16	0.2
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD21	16	0.2
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD22	16	0.2
(18,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD23	16	0.2
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	1	0.2
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	1	0.2
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	1	0.2
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	1	0.2
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	1	0.2
(18,2028)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	1	0.2
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	1	0.2
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	1	0.2
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	1	0.2
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	1	0.2
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	1	0.2
(18,2028)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	1	0.2
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	1	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	1	0.2
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	1	0.2
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	1	0.2
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	1	0.2
(18,2028)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	1	0.2
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	3	0.2
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	3	0.2
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	3	0.2
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	3	0.2
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	3	0.2
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	3	0.2
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	3	0.2
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	3	0.2
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	3	0.2
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	3	0.2
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	3	0.2
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	3	0.2
(18,2002)	1:15:A:ALA:HB1	1:16:A:SER:HB2	10	0.2
(18,2002)	1:15:A:ALA:HB1	1:16:A:SER:HB3	10	0.2
(18,2002)	1:15:A:ALA:HB2	1:16:A:SER:HB2	10	0.2
(18,2002)	1:15:A:ALA:HB2	1:16:A:SER:HB3	10	0.2
(18,2002)	1:15:A:ALA:HB3	1:16:A:SER:HB2	10	0.2
(18,2002)	1:15:A:ALA:HB3	1:16:A:SER:HB3	10	0.2
(18,1997)	1:14:A:VAL:HG11	1:61:A:SER:HB2	17	0.2
(18,1997)	1:14:A:VAL:HG11	1:61:A:SER:HB3	17	0.2
(18,1997)	1:14:A:VAL:HG12	1:61:A:SER:HB2	17	0.2
(18,1997)	1:14:A:VAL:HG12	1:61:A:SER:HB3	17	0.2
(18,1997)	1:14:A:VAL:HG13	1:61:A:SER:HB2	17	0.2
(18,1997)	1:14:A:VAL:HG13	1:61:A:SER:HB3	17	0.2
(18,1997)	1:14:A:VAL:HG21	1:61:A:SER:HB2	17	0.2
(18,1997)	1:14:A:VAL:HG21	1:61:A:SER:HB3	17	0.2
(18,1997)	1:14:A:VAL:HG22	1:61:A:SER:HB2	17	0.2
(18,1997)	1:14:A:VAL:HG22	1:61:A:SER:HB3	17	0.2
(18,1997)	1:14:A:VAL:HG23	1:61:A:SER:HB2	17	0.2
(18,1997)	1:14:A:VAL:HG23	1:61:A:SER:HB3	17	0.2
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	9	0.2
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	9	0.2
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	9	0.2
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	9	0.2
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	9	0.2
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	9	0.2
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	9	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	9	0.2
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	9	0.2
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	9	0.2
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	9	0.2
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	9	0.2
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	9	0.2
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	9	0.2
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	9	0.2
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	9	0.2
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	9	0.2
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	9	0.2
(18,1942)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	10	0.2
(18,1942)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	10	0.2
(18,1942)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	10	0.2
(18,1942)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	10	0.2
(18,1942)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	10	0.2
(18,1942)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	10	0.2
(18,1942)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	10	0.2
(18,1942)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	10	0.2
(18,1942)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	10	0.2
(18,1942)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	10	0.2
(18,1942)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	10	0.2
(18,1942)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	10	0.2
(18,1925)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	7	0.2
(18,1925)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	7	0.2
(18,1871)	1:104:A:PHE:HE1	1:105:A:LYS:H	4	0.2
(18,1871)	1:104:A:PHE:HE2	1:105:A:LYS:H	4	0.2
(18,1858)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	0.2
(18,1858)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	0.2
(18,1858)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	0.2
(18,1858)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	0.2
(18,1858)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	0.2
(18,1858)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	0.2
(18,1843)	1:9:A:PHE:HZ	1:11:A:ILE:HA	2	0.2
(18,1837)	1:80:A:TYR:HE1	1:81:A:GLU:HB2	5	0.2
(18,1837)	1:80:A:TYR:HE2	1:81:A:GLU:HB2	5	0.2
(18,1830)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	7	0.2
(18,1830)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	7	0.2
(18,1830)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	7	0.2
(18,1710)	1:19:A:ALA:HB1	1:21:A:THR:HG21	16	0.2
(18,1710)	1:19:A:ALA:HB1	1:21:A:THR:HG22	16	0.2
(18,1710)	1:19:A:ALA:HB1	1:21:A:THR:HG23	16	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1710)	1:19:A:ALA:HB2	1:21:A:THR:HG21	16	0.2
(18,1710)	1:19:A:ALA:HB2	1:21:A:THR:HG22	16	0.2
(18,1710)	1:19:A:ALA:HB2	1:21:A:THR:HG23	16	0.2
(18,1710)	1:19:A:ALA:HB3	1:21:A:THR:HG21	16	0.2
(18,1710)	1:19:A:ALA:HB3	1:21:A:THR:HG22	16	0.2
(18,1710)	1:19:A:ALA:HB3	1:21:A:THR:HG23	16	0.2
(18,1624)	1:26:A:ASP:HA	1:27:A:ARG:HB2	9	0.2
(18,1606)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	10	0.2
(18,1606)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	10	0.2
(18,1606)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	10	0.2
(18,1606)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	10	0.2
(18,1606)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	10	0.2
(18,1606)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	10	0.2
(18,1575)	1:98:A:ILE:HG21	1:104:A:PHE:HE1	17	0.2
(18,1575)	1:98:A:ILE:HG21	1:104:A:PHE:HE2	17	0.2
(18,1575)	1:98:A:ILE:HG22	1:104:A:PHE:HE1	17	0.2
(18,1575)	1:98:A:ILE:HG22	1:104:A:PHE:HE2	17	0.2
(18,1575)	1:98:A:ILE:HG23	1:104:A:PHE:HE1	17	0.2
(18,1575)	1:98:A:ILE:HG23	1:104:A:PHE:HE2	17	0.2
(18,1569)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	10	0.2
(18,1569)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	10	0.2
(18,1569)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	10	0.2
(18,1567)	1:97:A:ASP:H	1:98:A:ILE:HD11	3	0.2
(18,1567)	1:97:A:ASP:H	1:98:A:ILE:HD12	3	0.2
(18,1567)	1:97:A:ASP:H	1:98:A:ILE:HD13	3	0.2
(18,1523)	1:69:A:MET:HE1	1:112:A:GLN:HG2	9	0.2
(18,1523)	1:69:A:MET:HE1	1:112:A:GLN:HG3	9	0.2
(18,1523)	1:69:A:MET:HE2	1:112:A:GLN:HG2	9	0.2
(18,1523)	1:69:A:MET:HE2	1:112:A:GLN:HG3	9	0.2
(18,1523)	1:69:A:MET:HE3	1:112:A:GLN:HG2	9	0.2
(18,1523)	1:69:A:MET:HE3	1:112:A:GLN:HG3	9	0.2
(18,1506)	1:69:A:MET:HE1	1:114:A:ILE:H	11	0.2
(18,1506)	1:69:A:MET:HE2	1:114:A:ILE:H	11	0.2
(18,1506)	1:69:A:MET:HE3	1:114:A:ILE:H	11	0.2
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG21	3	0.2
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG22	3	0.2
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG23	3	0.2
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG21	12	0.2
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG22	12	0.2
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG23	12	0.2
(18,1407)	1:101:A:ILE:HG21	1:102:A:PRO:HD3	7	0.2
(18,1407)	1:101:A:ILE:HG22	1:102:A:PRO:HD3	7	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1407)	1:101:A:ILE:HG23	1:102:A:PRO:HD3	7	0.2
(18,1383)	1:19:A:ALA:HB1	1:21:A:THR:H	11	0.2
(18,1383)	1:19:A:ALA:HB2	1:21:A:THR:H	11	0.2
(18,1383)	1:19:A:ALA:HB3	1:21:A:THR:H	11	0.2
(18,1357)	1:39:A:VAL:HG11	1:41:A:LYS:H	4	0.2
(18,1357)	1:39:A:VAL:HG12	1:41:A:LYS:H	4	0.2
(18,1357)	1:39:A:VAL:HG13	1:41:A:LYS:H	4	0.2
(18,1333)	1:103:A:ARG:HG2	1:106:A:ASP:HA	15	0.2
(18,1333)	1:103:A:ARG:HG3	1:106:A:ASP:HA	15	0.2
(18,1322)	1:64:A:LYS:HA	1:64:A:LYS:HD2	4	0.2
(18,1322)	1:64:A:LYS:HA	1:64:A:LYS:HD3	4	0.2
(18,1251)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	16	0.2
(18,1251)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	16	0.2
(18,1251)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	16	0.2
(18,1251)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	16	0.2
(18,1251)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	16	0.2
(18,1251)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	16	0.2
(18,1251)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	16	0.2
(18,1251)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	16	0.2
(18,1251)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	16	0.2
(18,1228)	1:137:A:SER:HA	1:138:A:ASP:HB2	17	0.2
(18,1228)	1:137:A:SER:HA	1:138:A:ASP:HB3	17	0.2
(18,1099)	1:138:A:ASP:HA	1:141:A:LYS:HA	15	0.2
(18,1089)	1:38:A:GLU:HA	1:41:A:LYS:H	3	0.2
(18,1086)	1:54:A:ARG:HA	1:57:A:LEU:HD21	17	0.2
(18,1086)	1:54:A:ARG:HA	1:57:A:LEU:HD22	17	0.2
(18,1086)	1:54:A:ARG:HA	1:57:A:LEU:HD23	17	0.2
(18,1062)	1:111:A:GLU:HA	1:114:A:ILE:HG12	16	0.2
(18,1032)	1:149:A:ALA:HB1	1:150:A:THR:HA	16	0.2
(18,1032)	1:149:A:ALA:HB2	1:150:A:THR:HA	16	0.2
(18,1032)	1:149:A:ALA:HB3	1:150:A:THR:HA	16	0.2
(18,1029)	1:81:A:GLU:H	1:81:A:GLU:HB2	1	0.2
(18,1010)	1:98:A:ILE:HB	1:105:A:LYS:HB2	13	0.2
(18,1010)	1:98:A:ILE:HB	1:105:A:LYS:HB3	13	0.2
(18,1002)	1:63:A:ILE:HA	1:64:A:LYS:HD2	12	0.2
(18,1002)	1:63:A:ILE:HA	1:64:A:LYS:HD3	12	0.2
(18,978)	1:138:A:ASP:HA	1:141:A:LYS:HB2	12	0.2
(18,978)	1:138:A:ASP:HA	1:141:A:LYS:HB3	12	0.2
(18,877)	1:56:A:CYS:H	1:122:A:ASP:HB3	5	0.2
(18,857)	1:142:A:LYS:HE2	1:143:A:TRP:HD1	17	0.2
(18,857)	1:142:A:LYS:HE3	1:143:A:TRP:HD1	17	0.2
(18,845)	1:45:A:ALA:HA	1:48:A:ARG:HD2	5	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,845)	1:45:A:ALA:HA	1:48:A:ARG:HD3	5	0.2
(18,818)	1:95:A:ILE:HA	1:95:A:ILE:HD11	15	0.2
(18,818)	1:95:A:ILE:HA	1:95:A:ILE:HD12	15	0.2
(18,818)	1:95:A:ILE:HA	1:95:A:ILE:HD13	15	0.2
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	4	0.2
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	4	0.2
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	4	0.2
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	4	0.2
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	4	0.2
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	4	0.2
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	4	0.2
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	4	0.2
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	4	0.2
(18,778)	1:42:A:GLU:H	1:42:A:GLU:HB3	9	0.2
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB2	1	0.2
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB3	1	0.2
(18,593)	1:129:A:LYS:HB2	1:130:A:GLY:H	4	0.2
(18,593)	1:129:A:LYS:HB3	1:130:A:GLY:H	4	0.2
(18,593)	1:129:A:LYS:HB2	1:130:A:GLY:H	7	0.2
(18,593)	1:129:A:LYS:HB3	1:130:A:GLY:H	7	0.2
(18,593)	1:129:A:LYS:HB2	1:130:A:GLY:H	9	0.2
(18,593)	1:129:A:LYS:HB3	1:130:A:GLY:H	9	0.2
(18,593)	1:129:A:LYS:HB2	1:130:A:GLY:H	11	0.2
(18,593)	1:129:A:LYS:HB3	1:130:A:GLY:H	11	0.2
(18,322)	1:11:A:ILE:HD11	1:43:A:MET:H	6	0.2
(18,322)	1:11:A:ILE:HD12	1:43:A:MET:H	6	0.2
(18,322)	1:11:A:ILE:HD13	1:43:A:MET:H	6	0.2
(18,179)	1:8:A:ASP:H	1:58:A:ILE:HG13	3	0.2
(18,166)	1:95:A:ILE:H	1:95:A:ILE:HB	17	0.2
(18,151)	1:131:A:LEU:H	1:131:A:LEU:HG	4	0.2
(18,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	16	0.2
(18,45)	1:98:A:ILE:H	1:105:A:LYS:HA	5	0.2
(18,1)	1:143:A:TRP:HA	1:143:A:TRP:HE1	4	0.2
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD11	15	0.2
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD12	15	0.2
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD13	15	0.2
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD21	15	0.2
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD22	15	0.2
(17,2431)	1:136:A:CYS:HA	1:140:A:LEU:HD23	15	0.2
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD11	14	0.2
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD12	14	0.2
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD13	14	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD21	14	0.2
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD22	14	0.2
(17,2405)	1:128:A:LEU:HD11	1:131:A:LEU:HD23	14	0.2
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD11	14	0.2
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD12	14	0.2
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD13	14	0.2
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD21	14	0.2
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD22	14	0.2
(17,2405)	1:128:A:LEU:HD12	1:131:A:LEU:HD23	14	0.2
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD11	14	0.2
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD12	14	0.2
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD13	14	0.2
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD21	14	0.2
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD22	14	0.2
(17,2405)	1:128:A:LEU:HD13	1:131:A:LEU:HD23	14	0.2
(17,2334)	1:107:A:LEU:HD11	1:108:A:GLU:H	5	0.2
(17,2334)	1:107:A:LEU:HD12	1:108:A:GLU:H	5	0.2
(17,2334)	1:107:A:LEU:HD13	1:108:A:GLU:H	5	0.2
(17,2334)	1:107:A:LEU:HD21	1:108:A:GLU:H	5	0.2
(17,2334)	1:107:A:LEU:HD22	1:108:A:GLU:H	5	0.2
(17,2334)	1:107:A:LEU:HD23	1:108:A:GLU:H	5	0.2
(17,2328)	1:105:A:LYS:HG2	1:106:A:ASP:HA	17	0.2
(17,2328)	1:105:A:LYS:HG3	1:106:A:ASP:HA	17	0.2
(17,2271)	1:73:A:ILE:HG21	1:113:A:PHE:HB2	8	0.2
(17,2271)	1:73:A:ILE:HG21	1:113:A:PHE:HB3	8	0.2
(17,2271)	1:73:A:ILE:HG22	1:113:A:PHE:HB2	8	0.2
(17,2271)	1:73:A:ILE:HG22	1:113:A:PHE:HB3	8	0.2
(17,2271)	1:73:A:ILE:HG23	1:113:A:PHE:HB2	8	0.2
(17,2271)	1:73:A:ILE:HG23	1:113:A:PHE:HB3	8	0.2
(17,2201)	1:54:A:ARG:HA	1:57:A:LEU:HD11	13	0.2
(17,2201)	1:54:A:ARG:HA	1:57:A:LEU:HD12	13	0.2
(17,2201)	1:54:A:ARG:HA	1:57:A:LEU:HD13	13	0.2
(17,2201)	1:54:A:ARG:HA	1:57:A:LEU:HD21	13	0.2
(17,2201)	1:54:A:ARG:HA	1:57:A:LEU:HD22	13	0.2
(17,2201)	1:54:A:ARG:HA	1:57:A:LEU:HD23	13	0.2
(17,2184)	1:47:A:ALA:HA	1:57:A:LEU:HD11	3	0.2
(17,2184)	1:47:A:ALA:HA	1:57:A:LEU:HD12	3	0.2
(17,2184)	1:47:A:ALA:HA	1:57:A:LEU:HD13	3	0.2
(17,2184)	1:47:A:ALA:HA	1:57:A:LEU:HD21	3	0.2
(17,2184)	1:47:A:ALA:HA	1:57:A:LEU:HD22	3	0.2
(17,2184)	1:47:A:ALA:HA	1:57:A:LEU:HD23	3	0.2
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD11	11	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD12	11	0.2
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD13	11	0.2
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD21	11	0.2
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD22	11	0.2
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD23	11	0.2
(17,2031)	1:17:A:ASN:HD21	1:113:A:PHE:HE1	8	0.2
(17,2031)	1:17:A:ASN:HD21	1:113:A:PHE:HE2	8	0.2
(17,2031)	1:17:A:ASN:HD22	1:113:A:PHE:HE1	8	0.2
(17,2031)	1:17:A:ASN:HD22	1:113:A:PHE:HE2	8	0.2
(17,2011)	1:14:A:VAL:HG11	1:61:A:SER:HB2	17	0.2
(17,2011)	1:14:A:VAL:HG11	1:61:A:SER:HB3	17	0.2
(17,2011)	1:14:A:VAL:HG12	1:61:A:SER:HB2	17	0.2
(17,2011)	1:14:A:VAL:HG12	1:61:A:SER:HB3	17	0.2
(17,2011)	1:14:A:VAL:HG13	1:61:A:SER:HB2	17	0.2
(17,2011)	1:14:A:VAL:HG13	1:61:A:SER:HB3	17	0.2
(17,2011)	1:14:A:VAL:HG21	1:61:A:SER:HB2	17	0.2
(17,2011)	1:14:A:VAL:HG21	1:61:A:SER:HB3	17	0.2
(17,2011)	1:14:A:VAL:HG22	1:61:A:SER:HB2	17	0.2
(17,2011)	1:14:A:VAL:HG22	1:61:A:SER:HB3	17	0.2
(17,2011)	1:14:A:VAL:HG23	1:61:A:SER:HB2	17	0.2
(17,2011)	1:14:A:VAL:HG23	1:61:A:SER:HB3	17	0.2
(17,2008)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	4	0.2
(17,2008)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	4	0.2
(17,2008)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	4	0.2
(17,2008)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	4	0.2
(17,2008)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	4	0.2
(17,2008)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	4	0.2
(17,2008)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	4	0.2
(17,2008)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	4	0.2
(17,2008)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	4	0.2
(17,2008)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	4	0.2
(17,2008)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	4	0.2
(17,2008)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	4	0.2
(17,2008)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	4	0.2
(17,2008)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	4	0.2
(17,2008)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	4	0.2
(17,2008)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	4	0.2
(17,2008)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	4	0.2
(17,2008)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	4	0.2
(17,1969)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	17	0.2
(17,1969)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	17	0.2
(17,1969)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	17	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1969)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	17	0.2
(17,1900)	1:104:A:PHE:HE1	1:105:A:LYS:H	4	0.2
(17,1900)	1:104:A:PHE:HE2	1:105:A:LYS:H	4	0.2
(17,1891)	1:18:A:PHE:HD1	1:131:A:LEU:HD11	13	0.2
(17,1891)	1:18:A:PHE:HD1	1:131:A:LEU:HD12	13	0.2
(17,1891)	1:18:A:PHE:HD1	1:131:A:LEU:HD13	13	0.2
(17,1891)	1:18:A:PHE:HD2	1:131:A:LEU:HD11	13	0.2
(17,1891)	1:18:A:PHE:HD2	1:131:A:LEU:HD12	13	0.2
(17,1891)	1:18:A:PHE:HD2	1:131:A:LEU:HD13	13	0.2
(17,1881)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	17	0.2
(17,1881)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	17	0.2
(17,1855)	1:61:A:SER:H	1:62:A:HIS:HD2	13	0.2
(17,1841)	1:9:A:PHE:HZ	1:57:A:LEU:HA	19	0.2
(17,1834)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	6	0.2
(17,1834)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	6	0.2
(17,1834)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	6	0.2
(17,1834)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	6	0.2
(17,1834)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	6	0.2
(17,1834)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	6	0.2
(17,1808)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	1	0.2
(17,1808)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	1	0.2
(17,1808)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	1	0.2
(17,1808)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	1	0.2
(17,1808)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	1	0.2
(17,1808)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	1	0.2
(17,1754)	1:31:A:PRO:HB2	1:35:A:LEU:HA	9	0.2
(17,1754)	1:31:A:PRO:HB3	1:35:A:LEU:HA	9	0.2
(17,1749)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	5	0.2
(17,1749)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	5	0.2
(17,1749)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	5	0.2
(17,1718)	1:34:A:LYS:HA	1:35:A:LEU:HB3	18	0.2
(17,1675)	1:69:A:MET:HE1	1:116:A:GLN:HE21	11	0.2
(17,1675)	1:69:A:MET:HE2	1:116:A:GLN:HE21	11	0.2
(17,1675)	1:69:A:MET:HE3	1:116:A:GLN:HE21	11	0.2
(17,1674)	1:69:A:MET:HE1	1:116:A:GLN:HG3	3	0.2
(17,1674)	1:69:A:MET:HE2	1:116:A:GLN:HG3	3	0.2
(17,1674)	1:69:A:MET:HE3	1:116:A:GLN:HG3	3	0.2
(17,1654)	1:26:A:ASP:HA	1:27:A:ARG:HB2	9	0.2
(17,1632)	1:23:A:LEU:HB2	1:24:A:ASP:HA	11	0.2
(17,1632)	1:23:A:LEU:HB3	1:24:A:ASP:HA	11	0.2
(17,1612)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	10	0.2
(17,1612)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	10	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1612)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	10	0.2
(17,1612)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	10	0.2
(17,1612)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	10	0.2
(17,1612)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	10	0.2
(17,1599)	1:97:A:ASP:H	1:98:A:ILE:HD11	3	0.2
(17,1599)	1:97:A:ASP:H	1:98:A:ILE:HD12	3	0.2
(17,1599)	1:97:A:ASP:H	1:98:A:ILE:HD13	3	0.2
(17,1581)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	13	0.2
(17,1581)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	13	0.2
(17,1581)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	13	0.2
(17,1581)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	13	0.2
(17,1581)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	13	0.2
(17,1581)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	13	0.2
(17,1573)	1:39:A:VAL:H	1:139:A:LEU:HD11	4	0.2
(17,1573)	1:39:A:VAL:H	1:139:A:LEU:HD12	4	0.2
(17,1573)	1:39:A:VAL:H	1:139:A:LEU:HD13	4	0.2
(17,1496)	1:45:A:ALA:HB1	1:49:A:LYS:HB2	6	0.2
(17,1496)	1:45:A:ALA:HB1	1:49:A:LYS:HB3	6	0.2
(17,1496)	1:45:A:ALA:HB2	1:49:A:LYS:HB2	6	0.2
(17,1496)	1:45:A:ALA:HB2	1:49:A:LYS:HB3	6	0.2
(17,1496)	1:45:A:ALA:HB3	1:49:A:LYS:HB2	6	0.2
(17,1496)	1:45:A:ALA:HB3	1:49:A:LYS:HB3	6	0.2
(17,1496)	1:45:A:ALA:HB1	1:49:A:LYS:HB2	10	0.2
(17,1496)	1:45:A:ALA:HB1	1:49:A:LYS:HB3	10	0.2
(17,1496)	1:45:A:ALA:HB2	1:49:A:LYS:HB2	10	0.2
(17,1496)	1:45:A:ALA:HB2	1:49:A:LYS:HB3	10	0.2
(17,1496)	1:45:A:ALA:HB3	1:49:A:LYS:HB2	10	0.2
(17,1496)	1:45:A:ALA:HB3	1:49:A:LYS:HB3	10	0.2
(17,1469)	1:47:A:ALA:HA	1:50:A:ALA:HB1	5	0.2
(17,1469)	1:47:A:ALA:HA	1:50:A:ALA:HB2	5	0.2
(17,1469)	1:47:A:ALA:HA	1:50:A:ALA:HB3	5	0.2
(17,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG21	6	0.2
(17,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG22	6	0.2
(17,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG23	6	0.2
(17,1437)	1:69:A:MET:HA	1:73:A:ILE:HG21	7	0.2
(17,1437)	1:69:A:MET:HA	1:73:A:ILE:HG22	7	0.2
(17,1437)	1:69:A:MET:HA	1:73:A:ILE:HG23	7	0.2
(17,1378)	1:39:A:VAL:HG11	1:41:A:LYS:H	4	0.2
(17,1378)	1:39:A:VAL:HG12	1:41:A:LYS:H	4	0.2
(17,1378)	1:39:A:VAL:HG13	1:41:A:LYS:H	4	0.2
(17,1358)	1:125:A:THR:HG21	1:128:A:LEU:HB2	13	0.2
(17,1358)	1:125:A:THR:HG22	1:128:A:LEU:HB2	13	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1358)	1:125:A:THR:HG23	1:128:A:LEU:HB2	13	0.2
(17,1342)	1:64:A:LYS:HA	1:64:A:LYS:HD2	4	0.2
(17,1342)	1:64:A:LYS:HA	1:64:A:LYS:HD3	4	0.2
(17,1299)	1:128:A:LEU:HD21	1:129:A:LYS:H	12	0.2
(17,1299)	1:128:A:LEU:HD22	1:129:A:LYS:H	12	0.2
(17,1299)	1:128:A:LEU:HD23	1:129:A:LYS:H	12	0.2
(17,1277)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	8	0.2
(17,1277)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	8	0.2
(17,1277)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	8	0.2
(17,1277)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	8	0.2
(17,1277)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	8	0.2
(17,1277)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	8	0.2
(17,1115)	1:18:A:PHE:HA	1:113:A:PHE:HZ	13	0.2
(17,1055)	1:111:A:GLU:HA	1:114:A:ILE:HG12	16	0.2
(17,1023)	1:34:A:LYS:H	1:81:A:GLU:HB3	15	0.2
(17,1022)	1:149:A:ALA:HB1	1:150:A:THR:HA	16	0.2
(17,1022)	1:149:A:ALA:HB2	1:150:A:THR:HA	16	0.2
(17,1022)	1:149:A:ALA:HB3	1:150:A:THR:HA	16	0.2
(17,1004)	1:98:A:ILE:HB	1:105:A:LYS:HB2	13	0.2
(17,1004)	1:98:A:ILE:HB	1:105:A:LYS:HB3	13	0.2
(17,998)	1:63:A:ILE:HA	1:64:A:LYS:HD2	16	0.2
(17,998)	1:63:A:ILE:HA	1:64:A:LYS:HD3	16	0.2
(17,977)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	7	0.2
(17,977)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	7	0.2
(17,977)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	7	0.2
(17,961)	1:96:A:VAL:HB	1:97:A:ASP:H	12	0.2
(17,961)	1:96:A:VAL:HB	1:97:A:ASP:H	13	0.2
(17,961)	1:96:A:VAL:HB	1:97:A:ASP:H	16	0.2
(17,893)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	3	0.2
(17,893)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	3	0.2
(17,893)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	3	0.2
(17,885)	1:129:A:LYS:HB2	1:133:A:ASN:HB2	7	0.2
(17,885)	1:129:A:LYS:HB3	1:133:A:ASN:HB2	7	0.2
(17,871)	1:56:A:CYS:H	1:122:A:ASP:HB3	16	0.2
(17,830)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	8	0.2
(17,830)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	8	0.2
(17,830)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	8	0.2
(17,830)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	8	0.2
(17,830)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	8	0.2
(17,830)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	8	0.2
(17,815)	1:95:A:ILE:HA	1:95:A:ILE:HD11	15	0.2
(17,815)	1:95:A:ILE:HA	1:95:A:ILE:HD12	15	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,815)	1:95:A:ILE:HA	1:95:A:ILE:HD13	15	0.2
(17,806)	1:11:A:ILE:HD11	1:47:A:ALA:HB1	13	0.2
(17,806)	1:11:A:ILE:HD11	1:47:A:ALA:HB2	13	0.2
(17,806)	1:11:A:ILE:HD11	1:47:A:ALA:HB3	13	0.2
(17,806)	1:11:A:ILE:HD12	1:47:A:ALA:HB1	13	0.2
(17,806)	1:11:A:ILE:HD12	1:47:A:ALA:HB2	13	0.2
(17,806)	1:11:A:ILE:HD12	1:47:A:ALA:HB3	13	0.2
(17,806)	1:11:A:ILE:HD13	1:47:A:ALA:HB1	13	0.2
(17,806)	1:11:A:ILE:HD13	1:47:A:ALA:HB2	13	0.2
(17,806)	1:11:A:ILE:HD13	1:47:A:ALA:HB3	13	0.2
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	3	0.2
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	3	0.2
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	3	0.2
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	8	0.2
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	8	0.2
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	8	0.2
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	9	0.2
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	9	0.2
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	9	0.2
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	11	0.2
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	11	0.2
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	11	0.2
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	13	0.2
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	13	0.2
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	13	0.2
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	19	0.2
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	19	0.2
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	19	0.2
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	4	0.2
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	4	0.2
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	4	0.2
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	4	0.2
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	4	0.2
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	4	0.2
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	4	0.2
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	4	0.2
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	4	0.2
(17,705)	1:23:A:LEU:HB2	1:25:A:ALA:H	8	0.2
(17,705)	1:23:A:LEU:HB3	1:25:A:ALA:H	8	0.2
(17,476)	1:147:A:ARG:HG2	1:148:A:CYS:H	12	0.2
(17,476)	1:147:A:ARG:HG3	1:148:A:CYS:H	12	0.2
(17,247)	1:58:A:ILE:H	1:58:A:ILE:HD11	4	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,247)	1:58:A:ILE:H	1:58:A:ILE:HD12	4	0.2
(17,247)	1:58:A:ILE:H	1:58:A:ILE:HD13	4	0.2
(17,151)	1:131:A:LEU:H	1:131:A:LEU:HG	4	0.2
(17,42)	1:98:A:ILE:H	1:105:A:LYS:HA	5	0.2
(17,8)	1:63:A:ILE:HG13	1:64:A:LYS:H	14	0.2
(17,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	15	0.2
(17,1)	1:143:A:TRP:HA	1:143:A:TRP:HE1	4	0.2
(16,2332)	1:107:A:LEU:HD11	1:115:A:ALA:H	14	0.2
(16,2332)	1:107:A:LEU:HD12	1:115:A:ALA:H	14	0.2
(16,2332)	1:107:A:LEU:HD13	1:115:A:ALA:H	14	0.2
(16,2332)	1:107:A:LEU:HD21	1:115:A:ALA:H	14	0.2
(16,2332)	1:107:A:LEU:HD22	1:115:A:ALA:H	14	0.2
(16,2332)	1:107:A:LEU:HD23	1:115:A:ALA:H	14	0.2
(16,2283)	1:96:A:VAL:HG11	1:104:A:PHE:HE1	6	0.2
(16,2283)	1:96:A:VAL:HG11	1:104:A:PHE:HE2	6	0.2
(16,2283)	1:96:A:VAL:HG12	1:104:A:PHE:HE1	6	0.2
(16,2283)	1:96:A:VAL:HG12	1:104:A:PHE:HE2	6	0.2
(16,2283)	1:96:A:VAL:HG13	1:104:A:PHE:HE1	6	0.2
(16,2283)	1:96:A:VAL:HG13	1:104:A:PHE:HE2	6	0.2
(16,2283)	1:96:A:VAL:HG21	1:104:A:PHE:HE1	6	0.2
(16,2283)	1:96:A:VAL:HG21	1:104:A:PHE:HE2	6	0.2
(16,2283)	1:96:A:VAL:HG22	1:104:A:PHE:HE1	6	0.2
(16,2283)	1:96:A:VAL:HG22	1:104:A:PHE:HE2	6	0.2
(16,2283)	1:96:A:VAL:HG23	1:104:A:PHE:HE1	6	0.2
(16,2283)	1:96:A:VAL:HG23	1:104:A:PHE:HE2	6	0.2
(16,2282)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	12	0.2
(16,2282)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	12	0.2
(16,2282)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	12	0.2
(16,2282)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	12	0.2
(16,2282)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	12	0.2
(16,2282)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	12	0.2
(16,2282)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	12	0.2
(16,2282)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	12	0.2
(16,2282)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	12	0.2
(16,2282)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	12	0.2
(16,2282)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	12	0.2
(16,2282)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	12	0.2
(16,2282)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	12	0.2
(16,2282)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	12	0.2
(16,2282)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	12	0.2
(16,2282)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	12	0.2
(16,2282)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	12	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2282)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	12	0.2
(16,2257)	1:73:A:ILE:HG21	1:113:A:PHE:HB2	8	0.2
(16,2257)	1:73:A:ILE:HG21	1:113:A:PHE:HB3	8	0.2
(16,2257)	1:73:A:ILE:HG22	1:113:A:PHE:HB2	8	0.2
(16,2257)	1:73:A:ILE:HG22	1:113:A:PHE:HB3	8	0.2
(16,2257)	1:73:A:ILE:HG23	1:113:A:PHE:HB2	8	0.2
(16,2257)	1:73:A:ILE:HG23	1:113:A:PHE:HB3	8	0.2
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD11	5	0.2
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD12	5	0.2
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD13	5	0.2
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD21	5	0.2
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD22	5	0.2
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD23	5	0.2
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD11	5	0.2
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD12	5	0.2
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD13	5	0.2
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD21	5	0.2
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD22	5	0.2
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD23	5	0.2
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD11	5	0.2
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD12	5	0.2
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD13	5	0.2
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD21	5	0.2
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD22	5	0.2
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD23	5	0.2
(16,2126)	1:39:A:VAL:HG11	1:139:A:LEU:HD11	18	0.2
(16,2126)	1:39:A:VAL:HG11	1:139:A:LEU:HD12	18	0.2
(16,2126)	1:39:A:VAL:HG11	1:139:A:LEU:HD13	18	0.2
(16,2126)	1:39:A:VAL:HG11	1:139:A:LEU:HD21	18	0.2
(16,2126)	1:39:A:VAL:HG11	1:139:A:LEU:HD22	18	0.2
(16,2126)	1:39:A:VAL:HG11	1:139:A:LEU:HD23	18	0.2
(16,2126)	1:39:A:VAL:HG12	1:139:A:LEU:HD11	18	0.2
(16,2126)	1:39:A:VAL:HG12	1:139:A:LEU:HD12	18	0.2
(16,2126)	1:39:A:VAL:HG12	1:139:A:LEU:HD13	18	0.2
(16,2126)	1:39:A:VAL:HG12	1:139:A:LEU:HD21	18	0.2
(16,2126)	1:39:A:VAL:HG12	1:139:A:LEU:HD22	18	0.2
(16,2126)	1:39:A:VAL:HG12	1:139:A:LEU:HD23	18	0.2
(16,2126)	1:39:A:VAL:HG13	1:139:A:LEU:HD11	18	0.2
(16,2126)	1:39:A:VAL:HG13	1:139:A:LEU:HD12	18	0.2
(16,2126)	1:39:A:VAL:HG13	1:139:A:LEU:HD13	18	0.2
(16,2126)	1:39:A:VAL:HG13	1:139:A:LEU:HD21	18	0.2
(16,2126)	1:39:A:VAL:HG13	1:139:A:LEU:HD22	18	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2126)	1:39:A:VAL:HG13	1:139:A:LEU:HD23	18	0.2
(16,2126)	1:39:A:VAL:HG21	1:139:A:LEU:HD11	18	0.2
(16,2126)	1:39:A:VAL:HG21	1:139:A:LEU:HD12	18	0.2
(16,2126)	1:39:A:VAL:HG21	1:139:A:LEU:HD13	18	0.2
(16,2126)	1:39:A:VAL:HG21	1:139:A:LEU:HD21	18	0.2
(16,2126)	1:39:A:VAL:HG21	1:139:A:LEU:HD22	18	0.2
(16,2126)	1:39:A:VAL:HG21	1:139:A:LEU:HD23	18	0.2
(16,2126)	1:39:A:VAL:HG22	1:139:A:LEU:HD11	18	0.2
(16,2126)	1:39:A:VAL:HG22	1:139:A:LEU:HD12	18	0.2
(16,2126)	1:39:A:VAL:HG22	1:139:A:LEU:HD13	18	0.2
(16,2126)	1:39:A:VAL:HG22	1:139:A:LEU:HD21	18	0.2
(16,2126)	1:39:A:VAL:HG22	1:139:A:LEU:HD22	18	0.2
(16,2126)	1:39:A:VAL:HG22	1:139:A:LEU:HD23	18	0.2
(16,2126)	1:39:A:VAL:HG23	1:139:A:LEU:HD11	18	0.2
(16,2126)	1:39:A:VAL:HG23	1:139:A:LEU:HD12	18	0.2
(16,2126)	1:39:A:VAL:HG23	1:139:A:LEU:HD13	18	0.2
(16,2126)	1:39:A:VAL:HG23	1:139:A:LEU:HD21	18	0.2
(16,2126)	1:39:A:VAL:HG23	1:139:A:LEU:HD22	18	0.2
(16,2126)	1:39:A:VAL:HG23	1:139:A:LEU:HD23	18	0.2
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD11	14	0.2
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD12	14	0.2
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD13	14	0.2
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD21	14	0.2
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD22	14	0.2
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD23	14	0.2
(16,2057)	1:30:A:LEU:HD11	1:31:A:PRO:HG2	16	0.2
(16,2057)	1:30:A:LEU:HD11	1:31:A:PRO:HG3	16	0.2
(16,2057)	1:30:A:LEU:HD12	1:31:A:PRO:HG2	16	0.2
(16,2057)	1:30:A:LEU:HD12	1:31:A:PRO:HG3	16	0.2
(16,2057)	1:30:A:LEU:HD13	1:31:A:PRO:HG2	16	0.2
(16,2057)	1:30:A:LEU:HD13	1:31:A:PRO:HG3	16	0.2
(16,2057)	1:30:A:LEU:HD21	1:31:A:PRO:HG2	16	0.2
(16,2057)	1:30:A:LEU:HD21	1:31:A:PRO:HG3	16	0.2
(16,2057)	1:30:A:LEU:HD22	1:31:A:PRO:HG2	16	0.2
(16,2057)	1:30:A:LEU:HD22	1:31:A:PRO:HG3	16	0.2
(16,2057)	1:30:A:LEU:HD23	1:31:A:PRO:HG2	16	0.2
(16,2057)	1:30:A:LEU:HD23	1:31:A:PRO:HG3	16	0.2
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	1	0.2
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	1	0.2
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	1	0.2
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	1	0.2
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	1	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2025)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	1	0.2
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	1	0.2
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	1	0.2
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	1	0.2
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	1	0.2
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	1	0.2
(16,2025)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	1	0.2
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	1	0.2
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	1	0.2
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	1	0.2
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	1	0.2
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	1	0.2
(16,2025)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	1	0.2
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	8	0.2
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	8	0.2
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	8	0.2
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	8	0.2
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	8	0.2
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	8	0.2
(16,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	12	0.2
(16,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	12	0.2
(16,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	12	0.2
(16,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	12	0.2
(16,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	12	0.2
(16,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	12	0.2
(16,1920)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	15	0.2
(16,1920)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	15	0.2
(16,1891)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	10	0.2
(16,1891)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	10	0.2
(16,1891)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	10	0.2
(16,1891)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	10	0.2
(16,1891)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	10	0.2
(16,1891)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	10	0.2
(16,1884)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	9	0.2
(16,1884)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	9	0.2
(16,1884)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	9	0.2
(16,1884)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	9	0.2
(16,1884)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	9	0.2
(16,1884)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	9	0.2
(16,1882)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	19	0.2
(16,1882)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	19	0.2
(16,1882)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	19	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1882)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	19	0.2
(16,1882)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	19	0.2
(16,1882)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	19	0.2
(16,1832)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	7	0.2
(16,1832)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	7	0.2
(16,1832)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	7	0.2
(16,1784)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	1	0.2
(16,1784)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	1	0.2
(16,1784)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	1	0.2
(16,1784)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	1	0.2
(16,1784)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	1	0.2
(16,1784)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	1	0.2
(16,1782)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	14	0.2
(16,1782)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	14	0.2
(16,1782)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	14	0.2
(16,1782)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	14	0.2
(16,1777)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	12	0.2
(16,1777)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	12	0.2
(16,1777)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	12	0.2
(16,1777)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	12	0.2
(16,1728)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	5	0.2
(16,1728)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	5	0.2
(16,1728)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	5	0.2
(16,1695)	1:34:A:LYS:HA	1:35:A:LEU:HB3	18	0.2
(16,1589)	1:121:A:VAL:HG11	1:123:A:CYS:H	19	0.2
(16,1589)	1:121:A:VAL:HG12	1:123:A:CYS:H	19	0.2
(16,1589)	1:121:A:VAL:HG13	1:123:A:CYS:H	19	0.2
(16,1567)	1:101:A:ILE:HD11	1:112:A:GLN:HA	16	0.2
(16,1567)	1:101:A:ILE:HD12	1:112:A:GLN:HA	16	0.2
(16,1567)	1:101:A:ILE:HD13	1:112:A:GLN:HA	16	0.2
(16,1530)	1:69:A:MET:HE1	1:76:A:ARG:HB3	13	0.2
(16,1530)	1:69:A:MET:HE2	1:76:A:ARG:HB3	13	0.2
(16,1530)	1:69:A:MET:HE3	1:76:A:ARG:HB3	13	0.2
(16,1446)	1:50:A:ALA:HB1	1:130:A:GLY:H	7	0.2
(16,1446)	1:50:A:ALA:HB2	1:130:A:GLY:H	7	0.2
(16,1446)	1:50:A:ALA:HB3	1:130:A:GLY:H	7	0.2
(16,1400)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	15	0.2
(16,1400)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	15	0.2
(16,1400)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	15	0.2
(16,1366)	1:39:A:VAL:HG11	1:41:A:LYS:H	4	0.2
(16,1366)	1:39:A:VAL:HG12	1:41:A:LYS:H	4	0.2
(16,1366)	1:39:A:VAL:HG13	1:41:A:LYS:H	4	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1344)	1:103:A:ARG:HG2	1:106:A:ASP:HA	15	0.2
(16,1344)	1:103:A:ARG:HG3	1:106:A:ASP:HA	15	0.2
(16,1302)	1:66:A:THR:HG21	1:96:A:VAL:HA	16	0.2
(16,1302)	1:66:A:THR:HG22	1:96:A:VAL:HA	16	0.2
(16,1302)	1:66:A:THR:HG23	1:96:A:VAL:HA	16	0.2
(16,1257)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	12	0.2
(16,1257)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	12	0.2
(16,1257)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	12	0.2
(16,1167)	1:150:A:THR:HG21	1:151:A:PHE:HA	19	0.2
(16,1167)	1:150:A:THR:HG22	1:151:A:PHE:HA	19	0.2
(16,1167)	1:150:A:THR:HG23	1:151:A:PHE:HA	19	0.2
(16,1124)	1:129:A:LYS:HA	1:132:A:ALA:HB1	7	0.2
(16,1124)	1:129:A:LYS:HA	1:132:A:ALA:HB2	7	0.2
(16,1124)	1:129:A:LYS:HA	1:132:A:ALA:HB3	7	0.2
(16,1065)	1:111:A:GLU:HA	1:114:A:ILE:HG12	16	0.2
(16,971)	1:11:A:ILE:HG21	1:43:A:MET:HG2	4	0.2
(16,971)	1:11:A:ILE:HG22	1:43:A:MET:HG2	4	0.2
(16,971)	1:11:A:ILE:HG23	1:43:A:MET:HG2	4	0.2
(16,930)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	6	0.2
(16,930)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	6	0.2
(16,930)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	6	0.2
(16,884)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	15	0.2
(16,884)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	15	0.2
(16,874)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	10	0.2
(16,874)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	10	0.2
(16,874)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	10	0.2
(16,828)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	8	0.2
(16,828)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	8	0.2
(16,828)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	8	0.2
(16,828)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	8	0.2
(16,828)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	8	0.2
(16,828)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	8	0.2
(16,814)	1:95:A:ILE:HA	1:95:A:ILE:HD11	15	0.2
(16,814)	1:95:A:ILE:HA	1:95:A:ILE:HD12	15	0.2
(16,814)	1:95:A:ILE:HA	1:95:A:ILE:HD13	15	0.2
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	3	0.2
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	3	0.2
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	3	0.2
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	8	0.2
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	8	0.2
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	8	0.2
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	9	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	9	0.2
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	9	0.2
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	11	0.2
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	11	0.2
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	11	0.2
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	13	0.2
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	13	0.2
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	13	0.2
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	19	0.2
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	19	0.2
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	19	0.2
(16,779)	1:73:A:ILE:HD11	1:113:A:PHE:HA	14	0.2
(16,779)	1:73:A:ILE:HD12	1:113:A:PHE:HA	14	0.2
(16,779)	1:73:A:ILE:HD13	1:113:A:PHE:HA	14	0.2
(16,764)	1:38:A:GLU:H	1:41:A:LYS:HG2	18	0.2
(16,712)	1:23:A:LEU:HB2	1:25:A:ALA:H	8	0.2
(16,712)	1:23:A:LEU:HB3	1:25:A:ALA:H	8	0.2
(16,595)	1:75:A:GLY:H	1:76:A:ARG:HG2	15	0.2
(16,595)	1:75:A:GLY:H	1:76:A:ARG:HG3	15	0.2
(16,565)	1:116:A:GLN:H	1:116:A:GLN:HE22	8	0.2
(16,256)	1:58:A:ILE:H	1:58:A:ILE:HD11	4	0.2
(16,256)	1:58:A:ILE:H	1:58:A:ILE:HD12	4	0.2
(16,256)	1:58:A:ILE:H	1:58:A:ILE:HD13	4	0.2
(16,35)	1:95:A:ILE:HB	1:96:A:VAL:H	7	0.2
(15,2310)	1:105:A:LYS:HG2	1:106:A:ASP:HA	17	0.2
(15,2310)	1:105:A:LYS:HG3	1:106:A:ASP:HA	17	0.2
(15,2278)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	9	0.2
(15,2278)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	9	0.2
(15,2278)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	9	0.2
(15,2278)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	9	0.2
(15,2278)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	9	0.2
(15,2278)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	9	0.2
(15,2278)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	9	0.2
(15,2278)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	9	0.2
(15,2278)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	9	0.2
(15,2278)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	9	0.2
(15,2278)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	9	0.2
(15,2278)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	9	0.2
(15,2276)	1:96:A:VAL:HG11	1:104:A:PHE:HE1	6	0.2
(15,2276)	1:96:A:VAL:HG11	1:104:A:PHE:HE2	6	0.2
(15,2276)	1:96:A:VAL:HG12	1:104:A:PHE:HE1	6	0.2
(15,2276)	1:96:A:VAL:HG12	1:104:A:PHE:HE2	6	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2276)	1:96:A:VAL:HG13	1:104:A:PHE:HE1	6	0.2
(15,2276)	1:96:A:VAL:HG13	1:104:A:PHE:HE2	6	0.2
(15,2276)	1:96:A:VAL:HG21	1:104:A:PHE:HE1	6	0.2
(15,2276)	1:96:A:VAL:HG21	1:104:A:PHE:HE2	6	0.2
(15,2276)	1:96:A:VAL:HG22	1:104:A:PHE:HE1	6	0.2
(15,2276)	1:96:A:VAL:HG22	1:104:A:PHE:HE2	6	0.2
(15,2276)	1:96:A:VAL:HG23	1:104:A:PHE:HE1	6	0.2
(15,2276)	1:96:A:VAL:HG23	1:104:A:PHE:HE2	6	0.2
(15,2260)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	10	0.2
(15,2260)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	10	0.2
(15,2238)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	4	0.2
(15,2238)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	4	0.2
(15,2238)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	4	0.2
(15,2238)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	4	0.2
(15,2238)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	18	0.2
(15,2238)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	18	0.2
(15,2238)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	18	0.2
(15,2238)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	18	0.2
(15,2196)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	1	0.2
(15,2196)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	1	0.2
(15,2196)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	1	0.2
(15,2196)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	1	0.2
(15,2196)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	1	0.2
(15,2196)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	1	0.2
(15,2167)	1:57:A:LEU:HA	1:57:A:LEU:HD11	3	0.2
(15,2167)	1:57:A:LEU:HA	1:57:A:LEU:HD12	3	0.2
(15,2167)	1:57:A:LEU:HA	1:57:A:LEU:HD13	3	0.2
(15,2167)	1:57:A:LEU:HA	1:57:A:LEU:HD21	3	0.2
(15,2167)	1:57:A:LEU:HA	1:57:A:LEU:HD22	3	0.2
(15,2167)	1:57:A:LEU:HA	1:57:A:LEU:HD23	3	0.2
(15,2167)	1:57:A:LEU:HA	1:57:A:LEU:HD11	8	0.2
(15,2167)	1:57:A:LEU:HA	1:57:A:LEU:HD12	8	0.2
(15,2167)	1:57:A:LEU:HA	1:57:A:LEU:HD13	8	0.2
(15,2167)	1:57:A:LEU:HA	1:57:A:LEU:HD21	8	0.2
(15,2167)	1:57:A:LEU:HA	1:57:A:LEU:HD22	8	0.2
(15,2167)	1:57:A:LEU:HA	1:57:A:LEU:HD23	8	0.2
(15,2154)	1:54:A:ARG:HA	1:57:A:LEU:HD11	13	0.2
(15,2154)	1:54:A:ARG:HA	1:57:A:LEU:HD12	13	0.2
(15,2154)	1:54:A:ARG:HA	1:57:A:LEU:HD13	13	0.2
(15,2154)	1:54:A:ARG:HA	1:57:A:LEU:HD21	13	0.2
(15,2154)	1:54:A:ARG:HA	1:57:A:LEU:HD22	13	0.2
(15,2154)	1:54:A:ARG:HA	1:57:A:LEU:HD23	13	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2056)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	4	0.2
(15,2056)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	4	0.2
(15,2056)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	4	0.2
(15,2056)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	4	0.2
(15,2056)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	4	0.2
(15,2056)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	4	0.2
(15,1969)	1:14:A:VAL:HG11	1:61:A:SER:HB2	17	0.2
(15,1969)	1:14:A:VAL:HG11	1:61:A:SER:HB3	17	0.2
(15,1969)	1:14:A:VAL:HG12	1:61:A:SER:HB2	17	0.2
(15,1969)	1:14:A:VAL:HG12	1:61:A:SER:HB3	17	0.2
(15,1969)	1:14:A:VAL:HG13	1:61:A:SER:HB2	17	0.2
(15,1969)	1:14:A:VAL:HG13	1:61:A:SER:HB3	17	0.2
(15,1969)	1:14:A:VAL:HG21	1:61:A:SER:HB2	17	0.2
(15,1969)	1:14:A:VAL:HG21	1:61:A:SER:HB3	17	0.2
(15,1969)	1:14:A:VAL:HG22	1:61:A:SER:HB2	17	0.2
(15,1969)	1:14:A:VAL:HG22	1:61:A:SER:HB3	17	0.2
(15,1969)	1:14:A:VAL:HG23	1:61:A:SER:HB2	17	0.2
(15,1969)	1:14:A:VAL:HG23	1:61:A:SER:HB3	17	0.2
(15,1880)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	4	0.2
(15,1880)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	4	0.2
(15,1880)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	4	0.2
(15,1880)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	4	0.2
(15,1874)	1:18:A:PHE:HE1	1:61:A:SER:H	8	0.2
(15,1874)	1:18:A:PHE:HE2	1:61:A:SER:H	8	0.2
(15,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	1	0.2
(15,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	1	0.2
(15,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	1	0.2
(15,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	1	0.2
(15,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	1	0.2
(15,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	1	0.2
(15,1780)	1:72:A:PHE:HD1	1:109:A:PRO:HB2	14	0.2
(15,1780)	1:72:A:PHE:HD1	1:109:A:PRO:HB3	14	0.2
(15,1780)	1:72:A:PHE:HD2	1:109:A:PRO:HB2	14	0.2
(15,1780)	1:72:A:PHE:HD2	1:109:A:PRO:HB3	14	0.2
(15,1774)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	3	0.2
(15,1774)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	3	0.2
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG21	14	0.2
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG22	14	0.2
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG23	14	0.2
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG21	14	0.2
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG22	14	0.2
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG23	14	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG21	14	0.2
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG22	14	0.2
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG23	14	0.2
(15,1714)	1:21:A:THR:HG21	1:24:A:ASP:HB2	17	0.2
(15,1714)	1:21:A:THR:HG21	1:24:A:ASP:HB3	17	0.2
(15,1714)	1:21:A:THR:HG22	1:24:A:ASP:HB2	17	0.2
(15,1714)	1:21:A:THR:HG22	1:24:A:ASP:HB3	17	0.2
(15,1714)	1:21:A:THR:HG23	1:24:A:ASP:HB2	17	0.2
(15,1714)	1:21:A:THR:HG23	1:24:A:ASP:HB3	17	0.2
(15,1631)	1:26:A:ASP:HA	1:27:A:ARG:HB2	9	0.2
(15,1588)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	10	0.2
(15,1588)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	10	0.2
(15,1588)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	10	0.2
(15,1588)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	10	0.2
(15,1588)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	10	0.2
(15,1588)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	10	0.2
(15,1554)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	13	0.2
(15,1554)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	13	0.2
(15,1554)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	13	0.2
(15,1554)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	13	0.2
(15,1554)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	13	0.2
(15,1554)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	13	0.2
(15,1490)	1:114:A:ILE:HG21	1:117:A:VAL:HB	10	0.2
(15,1490)	1:114:A:ILE:HG22	1:117:A:VAL:HB	10	0.2
(15,1490)	1:114:A:ILE:HG23	1:117:A:VAL:HB	10	0.2
(15,1473)	1:101:A:ILE:HG21	1:115:A:ALA:HA	11	0.2
(15,1473)	1:101:A:ILE:HG22	1:115:A:ALA:HA	11	0.2
(15,1473)	1:101:A:ILE:HG23	1:115:A:ALA:HA	11	0.2
(15,1431)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	3	0.2
(15,1431)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	3	0.2
(15,1431)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	3	0.2
(15,1431)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	3	0.2
(15,1431)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	3	0.2
(15,1431)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	3	0.2
(15,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG21	6	0.2
(15,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG22	6	0.2
(15,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG23	6	0.2
(15,1345)	1:125:A:THR:HG21	1:128:A:LEU:HB2	13	0.2
(15,1345)	1:125:A:THR:HG22	1:128:A:LEU:HB2	13	0.2
(15,1345)	1:125:A:THR:HG23	1:128:A:LEU:HB2	13	0.2
(15,1343)	1:17:A:ASN:HA	1:76:A:ARG:HA	19	0.2
(15,1329)	1:64:A:LYS:HA	1:64:A:LYS:HD2	4	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1329)	1:64:A:LYS:HA	1:64:A:LYS:HD3	4	0.2
(15,1268)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	8	0.2
(15,1268)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	8	0.2
(15,1268)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	8	0.2
(15,1268)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	8	0.2
(15,1268)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	8	0.2
(15,1268)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	8	0.2
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	18	0.2
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	18	0.2
(15,1249)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	18	0.2
(15,1230)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	4	0.2
(15,1230)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	4	0.2
(15,1230)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	4	0.2
(15,1222)	1:137:A:SER:HA	1:138:A:ASP:HB2	17	0.2
(15,1222)	1:137:A:SER:HA	1:138:A:ASP:HB3	17	0.2
(15,1160)	1:150:A:THR:HG21	1:151:A:PHE:HA	19	0.2
(15,1160)	1:150:A:THR:HG22	1:151:A:PHE:HA	19	0.2
(15,1160)	1:150:A:THR:HG23	1:151:A:PHE:HA	19	0.2
(15,1106)	1:18:A:PHE:HA	1:113:A:PHE:HZ	13	0.2
(15,778)	1:101:A:ILE:HD11	1:119:A:LEU:HA	19	0.2
(15,778)	1:101:A:ILE:HD12	1:119:A:LEU:HA	19	0.2
(15,778)	1:101:A:ILE:HD13	1:119:A:LEU:HA	19	0.2
(15,756)	1:38:A:GLU:H	1:41:A:LYS:HG2	18	0.2
(15,620)	1:55:A:GLY:H	1:58:A:ILE:HB	2	0.2
(15,478)	1:14:A:VAL:H	1:61:A:SER:HA	19	0.2
(15,339)	1:57:A:LEU:H	1:58:A:ILE:HB	6	0.2
(15,314)	1:46:A:ASN:H	1:47:A:ALA:HB1	8	0.2
(15,314)	1:46:A:ASN:H	1:47:A:ALA:HB2	8	0.2
(15,314)	1:46:A:ASN:H	1:47:A:ALA:HB3	8	0.2
(15,255)	1:58:A:ILE:H	1:58:A:ILE:HD11	4	0.2
(15,255)	1:58:A:ILE:H	1:58:A:ILE:HD12	4	0.2
(15,255)	1:58:A:ILE:H	1:58:A:ILE:HD13	4	0.2
(15,131)	1:80:A:TYR:H	1:80:A:TYR:HB3	5	0.2
(15,131)	1:80:A:TYR:H	1:80:A:TYR:HB2	5	0.2
(15,9)	1:63:A:ILE:HG13	1:64:A:LYS:H	14	0.2
(13,2313)	1:107:A:LEU:HD11	1:115:A:ALA:H	14	0.2
(13,2313)	1:107:A:LEU:HD12	1:115:A:ALA:H	14	0.2
(13,2313)	1:107:A:LEU:HD13	1:115:A:ALA:H	14	0.2
(13,2313)	1:107:A:LEU:HD21	1:115:A:ALA:H	14	0.2
(13,2313)	1:107:A:LEU:HD22	1:115:A:ALA:H	14	0.2
(13,2313)	1:107:A:LEU:HD23	1:115:A:ALA:H	14	0.2
(13,2307)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	8	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2307)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	8	0.2
(13,2307)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	8	0.2
(13,2307)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	8	0.2
(13,2307)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	8	0.2
(13,2307)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	8	0.2
(13,2307)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	8	0.2
(13,2307)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	8	0.2
(13,2307)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	8	0.2
(13,2307)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	8	0.2
(13,2307)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	8	0.2
(13,2307)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	8	0.2
(13,2306)	1:107:A:LEU:HD11	1:108:A:GLU:H	5	0.2
(13,2306)	1:107:A:LEU:HD12	1:108:A:GLU:H	5	0.2
(13,2306)	1:107:A:LEU:HD13	1:108:A:GLU:H	5	0.2
(13,2306)	1:107:A:LEU:HD21	1:108:A:GLU:H	5	0.2
(13,2306)	1:107:A:LEU:HD22	1:108:A:GLU:H	5	0.2
(13,2306)	1:107:A:LEU:HD23	1:108:A:GLU:H	5	0.2
(13,2263)	1:96:A:VAL:HG11	1:104:A:PHE:HE1	6	0.2
(13,2263)	1:96:A:VAL:HG11	1:104:A:PHE:HE2	6	0.2
(13,2263)	1:96:A:VAL:HG12	1:104:A:PHE:HE1	6	0.2
(13,2263)	1:96:A:VAL:HG12	1:104:A:PHE:HE2	6	0.2
(13,2263)	1:96:A:VAL:HG13	1:104:A:PHE:HE1	6	0.2
(13,2263)	1:96:A:VAL:HG13	1:104:A:PHE:HE2	6	0.2
(13,2263)	1:96:A:VAL:HG21	1:104:A:PHE:HE1	6	0.2
(13,2263)	1:96:A:VAL:HG21	1:104:A:PHE:HE2	6	0.2
(13,2263)	1:96:A:VAL:HG22	1:104:A:PHE:HE1	6	0.2
(13,2263)	1:96:A:VAL:HG22	1:104:A:PHE:HE2	6	0.2
(13,2263)	1:96:A:VAL:HG23	1:104:A:PHE:HE1	6	0.2
(13,2263)	1:96:A:VAL:HG23	1:104:A:PHE:HE2	6	0.2
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG11	7	0.2
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG12	7	0.2
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG13	7	0.2
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG21	7	0.2
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG22	7	0.2
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG23	7	0.2
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG11	10	0.2
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG12	10	0.2
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG13	10	0.2
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG21	10	0.2
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG22	10	0.2
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG23	10	0.2
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG11	18	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG12	18	0.2
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG13	18	0.2
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG21	18	0.2
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG22	18	0.2
(13,2254)	1:94:A:ALA:HA	1:96:A:VAL:HG23	18	0.2
(13,2246)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	10	0.2
(13,2246)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	10	0.2
(13,2241)	1:75:A:GLY:H	1:77:A:CYS:HB2	12	0.2
(13,2241)	1:75:A:GLY:H	1:77:A:CYS:HB3	12	0.2
(13,2217)	1:69:A:MET:HG2	1:73:A:ILE:HD11	7	0.2
(13,2217)	1:69:A:MET:HG2	1:73:A:ILE:HD12	7	0.2
(13,2217)	1:69:A:MET:HG2	1:73:A:ILE:HD13	7	0.2
(13,2217)	1:69:A:MET:HG3	1:73:A:ILE:HD11	7	0.2
(13,2217)	1:69:A:MET:HG3	1:73:A:ILE:HD12	7	0.2
(13,2217)	1:69:A:MET:HG3	1:73:A:ILE:HD13	7	0.2
(13,2197)	1:65:A:CYS:HB2	1:70:A:LYS:HA	12	0.2
(13,2197)	1:65:A:CYS:HB3	1:70:A:LYS:HA	12	0.2
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG11	8	0.2
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG12	8	0.2
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG13	8	0.2
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG21	8	0.2
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG22	8	0.2
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG23	8	0.2
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG11	8	0.2
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG12	8	0.2
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG13	8	0.2
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG21	8	0.2
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG22	8	0.2
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG23	8	0.2
(13,2084)	1:41:A:LYS:HA	1:44:A:GLU:HG2	9	0.2
(13,2084)	1:41:A:LYS:HA	1:44:A:GLU:HG3	9	0.2
(13,2063)	1:39:A:VAL:HG11	1:139:A:LEU:HD11	18	0.2
(13,2063)	1:39:A:VAL:HG11	1:139:A:LEU:HD12	18	0.2
(13,2063)	1:39:A:VAL:HG11	1:139:A:LEU:HD13	18	0.2
(13,2063)	1:39:A:VAL:HG11	1:139:A:LEU:HD21	18	0.2
(13,2063)	1:39:A:VAL:HG11	1:139:A:LEU:HD22	18	0.2
(13,2063)	1:39:A:VAL:HG11	1:139:A:LEU:HD23	18	0.2
(13,2063)	1:39:A:VAL:HG12	1:139:A:LEU:HD11	18	0.2
(13,2063)	1:39:A:VAL:HG12	1:139:A:LEU:HD12	18	0.2
(13,2063)	1:39:A:VAL:HG12	1:139:A:LEU:HD13	18	0.2
(13,2063)	1:39:A:VAL:HG12	1:139:A:LEU:HD21	18	0.2
(13,2063)	1:39:A:VAL:HG12	1:139:A:LEU:HD22	18	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2063)	1:39:A:VAL:HG12	1:139:A:LEU:HD23	18	0.2
(13,2063)	1:39:A:VAL:HG13	1:139:A:LEU:HD11	18	0.2
(13,2063)	1:39:A:VAL:HG13	1:139:A:LEU:HD12	18	0.2
(13,2063)	1:39:A:VAL:HG13	1:139:A:LEU:HD13	18	0.2
(13,2063)	1:39:A:VAL:HG13	1:139:A:LEU:HD21	18	0.2
(13,2063)	1:39:A:VAL:HG13	1:139:A:LEU:HD22	18	0.2
(13,2063)	1:39:A:VAL:HG13	1:139:A:LEU:HD23	18	0.2
(13,2063)	1:39:A:VAL:HG21	1:139:A:LEU:HD11	18	0.2
(13,2063)	1:39:A:VAL:HG21	1:139:A:LEU:HD12	18	0.2
(13,2063)	1:39:A:VAL:HG21	1:139:A:LEU:HD13	18	0.2
(13,2063)	1:39:A:VAL:HG21	1:139:A:LEU:HD21	18	0.2
(13,2063)	1:39:A:VAL:HG21	1:139:A:LEU:HD22	18	0.2
(13,2063)	1:39:A:VAL:HG21	1:139:A:LEU:HD23	18	0.2
(13,2063)	1:39:A:VAL:HG22	1:139:A:LEU:HD11	18	0.2
(13,2063)	1:39:A:VAL:HG22	1:139:A:LEU:HD12	18	0.2
(13,2063)	1:39:A:VAL:HG22	1:139:A:LEU:HD13	18	0.2
(13,2063)	1:39:A:VAL:HG22	1:139:A:LEU:HD21	18	0.2
(13,2063)	1:39:A:VAL:HG22	1:139:A:LEU:HD22	18	0.2
(13,2063)	1:39:A:VAL:HG22	1:139:A:LEU:HD23	18	0.2
(13,2063)	1:39:A:VAL:HG23	1:139:A:LEU:HD11	18	0.2
(13,2063)	1:39:A:VAL:HG23	1:139:A:LEU:HD12	18	0.2
(13,2063)	1:39:A:VAL:HG23	1:139:A:LEU:HD13	18	0.2
(13,2063)	1:39:A:VAL:HG23	1:139:A:LEU:HD21	18	0.2
(13,2063)	1:39:A:VAL:HG23	1:139:A:LEU:HD22	18	0.2
(13,2063)	1:39:A:VAL:HG23	1:139:A:LEU:HD23	18	0.2
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD11	14	0.2
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD12	14	0.2
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD13	14	0.2
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD21	14	0.2
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD22	14	0.2
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD23	14	0.2
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	1	0.2
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	1	0.2
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	1	0.2
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	1	0.2
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	1	0.2
(13,1992)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	1	0.2
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	1	0.2
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	1	0.2
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	1	0.2
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	1	0.2
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	1	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1992)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	1	0.2
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	1	0.2
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	1	0.2
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	1	0.2
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	1	0.2
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	1	0.2
(13,1992)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	1	0.2
(13,1961)	1:14:A:VAL:HG11	1:61:A:SER:HB2	17	0.2
(13,1961)	1:14:A:VAL:HG11	1:61:A:SER:HB3	17	0.2
(13,1961)	1:14:A:VAL:HG12	1:61:A:SER:HB2	17	0.2
(13,1961)	1:14:A:VAL:HG12	1:61:A:SER:HB3	17	0.2
(13,1961)	1:14:A:VAL:HG13	1:61:A:SER:HB2	17	0.2
(13,1961)	1:14:A:VAL:HG13	1:61:A:SER:HB3	17	0.2
(13,1961)	1:14:A:VAL:HG21	1:61:A:SER:HB2	17	0.2
(13,1961)	1:14:A:VAL:HG21	1:61:A:SER:HB3	17	0.2
(13,1961)	1:14:A:VAL:HG22	1:61:A:SER:HB2	17	0.2
(13,1961)	1:14:A:VAL:HG22	1:61:A:SER:HB3	17	0.2
(13,1961)	1:14:A:VAL:HG23	1:61:A:SER:HB2	17	0.2
(13,1961)	1:14:A:VAL:HG23	1:61:A:SER:HB3	17	0.2
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	9	0.2
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	9	0.2
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	9	0.2
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	9	0.2
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	9	0.2
(13,1905)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	9	0.2
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	9	0.2
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	9	0.2
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	9	0.2
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	9	0.2
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	9	0.2
(13,1905)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	9	0.2
(13,1903)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	4	0.2
(13,1903)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	4	0.2
(13,1903)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	4	0.2
(13,1903)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	4	0.2
(13,1858)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	4	0.2
(13,1858)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	4	0.2
(13,1858)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	4	0.2
(13,1858)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	4	0.2
(13,1841)	1:104:A:PHE:HE1	1:105:A:LYS:H	4	0.2
(13,1841)	1:104:A:PHE:HE2	1:105:A:LYS:H	4	0.2
(13,1758)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	1	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1758)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	1	0.2
(13,1758)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	1	0.2
(13,1758)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	1	0.2
(13,1758)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	1	0.2
(13,1758)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	1	0.2
(13,1700)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	5	0.2
(13,1700)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	5	0.2
(13,1700)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	5	0.2
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG21	14	0.2
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG22	14	0.2
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG23	14	0.2
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG21	14	0.2
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG22	14	0.2
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG23	14	0.2
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG21	14	0.2
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG22	14	0.2
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG23	14	0.2
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG11	17	0.2
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG12	17	0.2
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG13	17	0.2
(13,1606)	1:26:A:ASP:HA	1:27:A:ARG:HB2	9	0.2
(13,1551)	1:101:A:ILE:HD11	1:112:A:GLN:HA	16	0.2
(13,1551)	1:101:A:ILE:HD12	1:112:A:GLN:HA	16	0.2
(13,1551)	1:101:A:ILE:HD13	1:112:A:GLN:HA	16	0.2
(13,1538)	1:11:A:ILE:HD11	1:14:A:VAL:H	3	0.2
(13,1538)	1:11:A:ILE:HD12	1:14:A:VAL:H	3	0.2
(13,1538)	1:11:A:ILE:HD13	1:14:A:VAL:H	3	0.2
(13,1531)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	0.2
(13,1531)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	0.2
(13,1531)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	0.2
(13,1531)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	0.2
(13,1531)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	0.2
(13,1531)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	0.2
(13,1508)	1:76:A:ARG:HE	1:110:A:MET:HE1	16	0.2
(13,1508)	1:76:A:ARG:HE	1:110:A:MET:HE2	16	0.2
(13,1508)	1:76:A:ARG:HE	1:110:A:MET:HE3	16	0.2
(13,1496)	1:69:A:MET:HE1	1:110:A:MET:HA	1	0.2
(13,1496)	1:69:A:MET:HE2	1:110:A:MET:HA	1	0.2
(13,1496)	1:69:A:MET:HE3	1:110:A:MET:HA	1	0.2
(13,1431)	1:13:A:ALA:HB1	1:61:A:SER:HA	5	0.2
(13,1431)	1:13:A:ALA:HB2	1:61:A:SER:HA	5	0.2
(13,1431)	1:13:A:ALA:HB3	1:61:A:SER:HA	5	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1407)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	3	0.2
(13,1407)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	3	0.2
(13,1407)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	3	0.2
(13,1407)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	3	0.2
(13,1407)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	3	0.2
(13,1407)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	3	0.2
(13,1392)	1:69:A:MET:HA	1:73:A:ILE:HG21	7	0.2
(13,1392)	1:69:A:MET:HA	1:73:A:ILE:HG22	7	0.2
(13,1392)	1:69:A:MET:HA	1:73:A:ILE:HG23	7	0.2
(13,1375)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	15	0.2
(13,1375)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	15	0.2
(13,1375)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	15	0.2
(13,1335)	1:39:A:VAL:HG11	1:41:A:LYS:H	4	0.2
(13,1335)	1:39:A:VAL:HG12	1:41:A:LYS:H	4	0.2
(13,1335)	1:39:A:VAL:HG13	1:41:A:LYS:H	4	0.2
(13,1312)	1:103:A:ARG:HG2	1:106:A:ASP:HA	15	0.2
(13,1312)	1:103:A:ARG:HG3	1:106:A:ASP:HA	15	0.2
(13,1265)	1:128:A:LEU:HD21	1:129:A:LYS:H	12	0.2
(13,1265)	1:128:A:LEU:HD22	1:129:A:LYS:H	12	0.2
(13,1265)	1:128:A:LEU:HD23	1:129:A:LYS:H	12	0.2
(13,1246)	1:30:A:LEU:HD11	1:31:A:PRO:HD3	8	0.2
(13,1246)	1:30:A:LEU:HD12	1:31:A:PRO:HD3	8	0.2
(13,1246)	1:30:A:LEU:HD13	1:31:A:PRO:HD3	8	0.2
(13,1227)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	14	0.2
(13,1227)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	14	0.2
(13,1227)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	14	0.2
(13,1227)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	14	0.2
(13,1227)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	14	0.2
(13,1227)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	14	0.2
(13,1227)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	14	0.2
(13,1227)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	14	0.2
(13,1227)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	14	0.2
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD11	4	0.2
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD12	4	0.2
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD13	4	0.2
(13,1197)	1:137:A:SER:HA	1:138:A:ASP:HB2	17	0.2
(13,1197)	1:137:A:SER:HA	1:138:A:ASP:HB3	17	0.2
(13,1138)	1:150:A:THR:HG21	1:151:A:PHE:HA	19	0.2
(13,1138)	1:150:A:THR:HG22	1:151:A:PHE:HA	19	0.2
(13,1138)	1:150:A:THR:HG23	1:151:A:PHE:HA	19	0.2
(13,1110)	1:144:A:LEU:HB2	1:144:A:LEU:HD21	1	0.2
(13,1110)	1:144:A:LEU:HB2	1:144:A:LEU:HD22	1	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1110)	1:144:A:LEU:HB2	1:144:A:LEU:HD23	1	0.2
(13,1110)	1:144:A:LEU:HB2	1:144:A:LEU:HD21	17	0.2
(13,1110)	1:144:A:LEU:HB2	1:144:A:LEU:HD22	17	0.2
(13,1110)	1:144:A:LEU:HB2	1:144:A:LEU:HD23	17	0.2
(13,1103)	1:40:A:LEU:HA	1:43:A:MET:HG2	19	0.2
(13,1055)	1:54:A:ARG:HA	1:57:A:LEU:HB3	5	0.2
(13,1031)	1:111:A:GLU:HA	1:114:A:ILE:HG12	16	0.2
(13,973)	1:63:A:ILE:HA	1:64:A:LYS:HD2	12	0.2
(13,973)	1:63:A:ILE:HA	1:64:A:LYS:HD3	12	0.2
(13,792)	1:95:A:ILE:HA	1:95:A:ILE:HD11	15	0.2
(13,792)	1:95:A:ILE:HA	1:95:A:ILE:HD12	15	0.2
(13,792)	1:95:A:ILE:HA	1:95:A:ILE:HD13	15	0.2
(13,757)	1:73:A:ILE:HD11	1:113:A:PHE:HA	14	0.2
(13,757)	1:73:A:ILE:HD12	1:113:A:PHE:HA	14	0.2
(13,757)	1:73:A:ILE:HD13	1:113:A:PHE:HA	14	0.2
(13,746)	1:37:A:LEU:H	1:40:A:LEU:HB2	3	0.2
(13,739)	1:38:A:GLU:H	1:41:A:LYS:HG2	18	0.2
(13,698)	1:44:A:GLU:HB2	1:48:A:ARG:HE	19	0.2
(13,698)	1:44:A:GLU:HB3	1:48:A:ARG:HE	19	0.2
(13,574)	1:126:A:GLY:H	1:128:A:LEU:HG	1	0.2
(13,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	17	0.2
(13,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	17	0.2
(13,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	17	0.2
(13,216)	1:44:A:GLU:HB2	1:48:A:ARG:H	11	0.2
(13,216)	1:44:A:GLU:HB3	1:48:A:ARG:H	11	0.2
(13,123)	1:80:A:TYR:H	1:80:A:TYR:HB3	5	0.2
(13,123)	1:80:A:TYR:H	1:80:A:TYR:HB2	5	0.2
(11,2460)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	19	0.2
(11,2460)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	19	0.2
(11,2460)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	19	0.2
(11,2460)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	19	0.2
(11,2335)	1:106:A:ASP:H	1:107:A:LEU:HD11	8	0.2
(11,2335)	1:106:A:ASP:H	1:107:A:LEU:HD12	8	0.2
(11,2335)	1:106:A:ASP:H	1:107:A:LEU:HD13	8	0.2
(11,2335)	1:106:A:ASP:H	1:107:A:LEU:HD21	8	0.2
(11,2335)	1:106:A:ASP:H	1:107:A:LEU:HD22	8	0.2
(11,2335)	1:106:A:ASP:H	1:107:A:LEU:HD23	8	0.2
(11,2303)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	8	0.2
(11,2303)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	8	0.2
(11,2303)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	8	0.2
(11,2303)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	8	0.2
(11,2303)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	8	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2303)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	8	0.2
(11,2303)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	8	0.2
(11,2303)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	8	0.2
(11,2303)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	8	0.2
(11,2303)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	8	0.2
(11,2303)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	8	0.2
(11,2303)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	8	0.2
(11,2301)	1:96:A:VAL:HG11	1:104:A:PHE:HE1	6	0.2
(11,2301)	1:96:A:VAL:HG11	1:104:A:PHE:HE2	6	0.2
(11,2301)	1:96:A:VAL:HG12	1:104:A:PHE:HE1	6	0.2
(11,2301)	1:96:A:VAL:HG12	1:104:A:PHE:HE2	6	0.2
(11,2301)	1:96:A:VAL:HG13	1:104:A:PHE:HE1	6	0.2
(11,2301)	1:96:A:VAL:HG13	1:104:A:PHE:HE2	6	0.2
(11,2301)	1:96:A:VAL:HG21	1:104:A:PHE:HE1	6	0.2
(11,2301)	1:96:A:VAL:HG21	1:104:A:PHE:HE2	6	0.2
(11,2301)	1:96:A:VAL:HG22	1:104:A:PHE:HE1	6	0.2
(11,2301)	1:96:A:VAL:HG22	1:104:A:PHE:HE2	6	0.2
(11,2301)	1:96:A:VAL:HG23	1:104:A:PHE:HE1	6	0.2
(11,2301)	1:96:A:VAL:HG23	1:104:A:PHE:HE2	6	0.2
(11,2278)	1:73:A:ILE:HG21	1:113:A:PHE:HB2	8	0.2
(11,2278)	1:73:A:ILE:HG21	1:113:A:PHE:HB3	8	0.2
(11,2278)	1:73:A:ILE:HG22	1:113:A:PHE:HB2	8	0.2
(11,2278)	1:73:A:ILE:HG22	1:113:A:PHE:HB3	8	0.2
(11,2278)	1:73:A:ILE:HG23	1:113:A:PHE:HB2	8	0.2
(11,2278)	1:73:A:ILE:HG23	1:113:A:PHE:HB3	8	0.2
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG11	3	0.2
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG12	3	0.2
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG13	3	0.2
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG21	3	0.2
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG22	3	0.2
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG23	3	0.2
(11,2116)	1:39:A:VAL:HA	1:139:A:LEU:HD11	4	0.2
(11,2116)	1:39:A:VAL:HA	1:139:A:LEU:HD12	4	0.2
(11,2116)	1:39:A:VAL:HA	1:139:A:LEU:HD13	4	0.2
(11,2116)	1:39:A:VAL:HA	1:139:A:LEU:HD21	4	0.2
(11,2116)	1:39:A:VAL:HA	1:139:A:LEU:HD22	4	0.2
(11,2116)	1:39:A:VAL:HA	1:139:A:LEU:HD23	4	0.2
(11,2085)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	4	0.2
(11,2085)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	4	0.2
(11,2085)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	4	0.2
(11,2085)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	4	0.2
(11,2085)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	4	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2085)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	4	0.2
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD11	7	0.2
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD12	7	0.2
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD13	7	0.2
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD21	7	0.2
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD22	7	0.2
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD23	7	0.2
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD11	7	0.2
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD12	7	0.2
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD13	7	0.2
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD21	7	0.2
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD22	7	0.2
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD23	7	0.2
(11,2020)	1:14:A:VAL:HG11	1:61:A:SER:HB2	17	0.2
(11,2020)	1:14:A:VAL:HG11	1:61:A:SER:HB3	17	0.2
(11,2020)	1:14:A:VAL:HG12	1:61:A:SER:HB2	17	0.2
(11,2020)	1:14:A:VAL:HG12	1:61:A:SER:HB3	17	0.2
(11,2020)	1:14:A:VAL:HG13	1:61:A:SER:HB2	17	0.2
(11,2020)	1:14:A:VAL:HG13	1:61:A:SER:HB3	17	0.2
(11,2020)	1:14:A:VAL:HG21	1:61:A:SER:HB2	17	0.2
(11,2020)	1:14:A:VAL:HG21	1:61:A:SER:HB3	17	0.2
(11,2020)	1:14:A:VAL:HG22	1:61:A:SER:HB2	17	0.2
(11,2020)	1:14:A:VAL:HG22	1:61:A:SER:HB3	17	0.2
(11,2020)	1:14:A:VAL:HG23	1:61:A:SER:HB2	17	0.2
(11,2020)	1:14:A:VAL:HG23	1:61:A:SER:HB3	17	0.2
(11,1997)	1:12:A:VAL:HG11	1:43:A:MET:HE1	5	0.2
(11,1997)	1:12:A:VAL:HG11	1:43:A:MET:HE2	5	0.2
(11,1997)	1:12:A:VAL:HG11	1:43:A:MET:HE3	5	0.2
(11,1997)	1:12:A:VAL:HG12	1:43:A:MET:HE1	5	0.2
(11,1997)	1:12:A:VAL:HG12	1:43:A:MET:HE2	5	0.2
(11,1997)	1:12:A:VAL:HG12	1:43:A:MET:HE3	5	0.2
(11,1997)	1:12:A:VAL:HG13	1:43:A:MET:HE1	5	0.2
(11,1997)	1:12:A:VAL:HG13	1:43:A:MET:HE2	5	0.2
(11,1997)	1:12:A:VAL:HG13	1:43:A:MET:HE3	5	0.2
(11,1997)	1:12:A:VAL:HG21	1:43:A:MET:HE1	5	0.2
(11,1997)	1:12:A:VAL:HG21	1:43:A:MET:HE2	5	0.2
(11,1997)	1:12:A:VAL:HG21	1:43:A:MET:HE3	5	0.2
(11,1997)	1:12:A:VAL:HG22	1:43:A:MET:HE1	5	0.2
(11,1997)	1:12:A:VAL:HG22	1:43:A:MET:HE2	5	0.2
(11,1997)	1:12:A:VAL:HG22	1:43:A:MET:HE3	5	0.2
(11,1997)	1:12:A:VAL:HG23	1:43:A:MET:HE1	5	0.2
(11,1997)	1:12:A:VAL:HG23	1:43:A:MET:HE2	5	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1997)	1:12:A:VAL:HG23	1:43:A:MET:HE3	5	0.2
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	9	0.2
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	9	0.2
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	9	0.2
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	9	0.2
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	9	0.2
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	9	0.2
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	9	0.2
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	9	0.2
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	9	0.2
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	9	0.2
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	9	0.2
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	9	0.2
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	9	0.2
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	9	0.2
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	9	0.2
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	9	0.2
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	9	0.2
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	9	0.2
(11,1965)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	17	0.2
(11,1965)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	17	0.2
(11,1965)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	17	0.2
(11,1965)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	17	0.2
(11,1962)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	4	0.2
(11,1962)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	4	0.2
(11,1962)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	4	0.2
(11,1962)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	4	0.2
(11,1902)	1:104:A:PHE:HE1	1:105:A:LYS:H	4	0.2
(11,1902)	1:104:A:PHE:HE2	1:105:A:LYS:H	4	0.2
(11,1893)	1:18:A:PHE:HD1	1:131:A:LEU:HD11	13	0.2
(11,1893)	1:18:A:PHE:HD1	1:131:A:LEU:HD12	13	0.2
(11,1893)	1:18:A:PHE:HD1	1:131:A:LEU:HD13	13	0.2
(11,1893)	1:18:A:PHE:HD2	1:131:A:LEU:HD11	13	0.2
(11,1893)	1:18:A:PHE:HD2	1:131:A:LEU:HD12	13	0.2
(11,1893)	1:18:A:PHE:HD2	1:131:A:LEU:HD13	13	0.2
(11,1865)	1:61:A:SER:H	1:62:A:HIS:HD2	13	0.2
(11,1853)	1:9:A:PHE:HZ	1:54:A:ARG:HA	10	0.2
(11,1844)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	9	0.2
(11,1844)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	9	0.2
(11,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	1	0.2
(11,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	1	0.2
(11,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	1	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	1	0.2
(11,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	1	0.2
(11,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	1	0.2
(11,1818)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	3	0.2
(11,1818)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	3	0.2
(11,1770)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	5	0.2
(11,1770)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	5	0.2
(11,1770)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	5	0.2
(11,1738)	1:34:A:LYS:HA	1:35:A:LEU:HB3	18	0.2
(11,1682)	1:134:A:VAL:HG11	1:137:A:SER:H	11	0.2
(11,1682)	1:134:A:VAL:HG12	1:137:A:SER:H	11	0.2
(11,1682)	1:134:A:VAL:HG13	1:137:A:SER:H	11	0.2
(11,1672)	1:26:A:ASP:HA	1:27:A:ARG:HB2	9	0.2
(11,1651)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	9	0.2
(11,1651)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	9	0.2
(11,1651)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	9	0.2
(11,1651)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	9	0.2
(11,1651)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	9	0.2
(11,1651)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	9	0.2
(11,1647)	1:23:A:LEU:HB2	1:24:A:ASP:HA	11	0.2
(11,1647)	1:23:A:LEU:HB3	1:24:A:ASP:HA	11	0.2
(11,1626)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	10	0.2
(11,1626)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	10	0.2
(11,1626)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	10	0.2
(11,1626)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	10	0.2
(11,1626)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	10	0.2
(11,1626)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	10	0.2
(11,1555)	1:76:A:ARG:HG2	1:110:A:MET:HE1	19	0.2
(11,1555)	1:76:A:ARG:HG2	1:110:A:MET:HE2	19	0.2
(11,1555)	1:76:A:ARG:HG2	1:110:A:MET:HE3	19	0.2
(11,1555)	1:76:A:ARG:HG3	1:110:A:MET:HE1	19	0.2
(11,1555)	1:76:A:ARG:HG3	1:110:A:MET:HE2	19	0.2
(11,1555)	1:76:A:ARG:HG3	1:110:A:MET:HE3	19	0.2
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG21	14	0.2
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG22	14	0.2
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG23	14	0.2
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG21	14	0.2
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG22	14	0.2
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG23	14	0.2
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG21	14	0.2
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG22	14	0.2
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG23	14	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1426)	1:132:A:ALA:HB1	1:133:A:ASN:HB2	7	0.2
(11,1426)	1:132:A:ALA:HB2	1:133:A:ASN:HB2	7	0.2
(11,1426)	1:132:A:ALA:HB3	1:133:A:ASN:HB2	7	0.2
(11,1411)	1:19:A:ALA:HB1	1:21:A:THR:HG21	2	0.2
(11,1411)	1:19:A:ALA:HB1	1:21:A:THR:HG22	2	0.2
(11,1411)	1:19:A:ALA:HB1	1:21:A:THR:HG23	2	0.2
(11,1411)	1:19:A:ALA:HB2	1:21:A:THR:HG21	2	0.2
(11,1411)	1:19:A:ALA:HB2	1:21:A:THR:HG22	2	0.2
(11,1411)	1:19:A:ALA:HB2	1:21:A:THR:HG23	2	0.2
(11,1411)	1:19:A:ALA:HB3	1:21:A:THR:HG21	2	0.2
(11,1411)	1:19:A:ALA:HB3	1:21:A:THR:HG22	2	0.2
(11,1411)	1:19:A:ALA:HB3	1:21:A:THR:HG23	2	0.2
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG11	13	0.2
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG12	13	0.2
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG13	13	0.2
(11,1368)	1:125:A:THR:HG21	1:128:A:LEU:HB2	13	0.2
(11,1368)	1:125:A:THR:HG22	1:128:A:LEU:HB2	13	0.2
(11,1368)	1:125:A:THR:HG23	1:128:A:LEU:HB2	13	0.2
(11,1360)	1:103:A:ARG:HG2	1:106:A:ASP:HA	15	0.2
(11,1360)	1:103:A:ARG:HG3	1:106:A:ASP:HA	15	0.2
(11,1349)	1:64:A:LYS:HA	1:64:A:LYS:HD2	4	0.2
(11,1349)	1:64:A:LYS:HA	1:64:A:LYS:HD3	4	0.2
(11,1317)	1:11:A:ILE:HA	1:14:A:VAL:HG11	10	0.2
(11,1317)	1:11:A:ILE:HA	1:14:A:VAL:HG12	10	0.2
(11,1317)	1:11:A:ILE:HA	1:14:A:VAL:HG13	10	0.2
(11,1304)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	14	0.2
(11,1304)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	14	0.2
(11,1304)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	14	0.2
(11,1288)	1:113:A:PHE:HD1	1:117:A:VAL:HG21	2	0.2
(11,1288)	1:113:A:PHE:HD1	1:117:A:VAL:HG22	2	0.2
(11,1288)	1:113:A:PHE:HD1	1:117:A:VAL:HG23	2	0.2
(11,1288)	1:113:A:PHE:HD2	1:117:A:VAL:HG21	2	0.2
(11,1288)	1:113:A:PHE:HD2	1:117:A:VAL:HG22	2	0.2
(11,1288)	1:113:A:PHE:HD2	1:117:A:VAL:HG23	2	0.2
(11,1288)	1:113:A:PHE:HD1	1:117:A:VAL:HG21	15	0.2
(11,1288)	1:113:A:PHE:HD1	1:117:A:VAL:HG22	15	0.2
(11,1288)	1:113:A:PHE:HD1	1:117:A:VAL:HG23	15	0.2
(11,1288)	1:113:A:PHE:HD2	1:117:A:VAL:HG21	15	0.2
(11,1288)	1:113:A:PHE:HD2	1:117:A:VAL:HG22	15	0.2
(11,1288)	1:113:A:PHE:HD2	1:117:A:VAL:HG23	15	0.2
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD11	4	0.2
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD12	4	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD13	4	0.2
(11,1239)	1:34:A:LYS:H	1:81:A:GLU:HA	9	0.2
(11,1237)	1:137:A:SER:HA	1:138:A:ASP:HB2	17	0.2
(11,1237)	1:137:A:SER:HA	1:138:A:ASP:HB3	17	0.2
(11,1172)	1:150:A:THR:HG21	1:151:A:PHE:HA	19	0.2
(11,1172)	1:150:A:THR:HG22	1:151:A:PHE:HA	19	0.2
(11,1172)	1:150:A:THR:HG23	1:151:A:PHE:HA	19	0.2
(11,1148)	1:144:A:LEU:HB2	1:144:A:LEU:HD21	1	0.2
(11,1148)	1:144:A:LEU:HB2	1:144:A:LEU:HD22	1	0.2
(11,1148)	1:144:A:LEU:HB2	1:144:A:LEU:HD23	1	0.2
(11,1148)	1:144:A:LEU:HB2	1:144:A:LEU:HD21	17	0.2
(11,1148)	1:144:A:LEU:HB2	1:144:A:LEU:HD22	17	0.2
(11,1148)	1:144:A:LEU:HB2	1:144:A:LEU:HD23	17	0.2
(11,1128)	1:41:A:LYS:HA	1:41:A:LYS:HG2	9	0.2
(11,1081)	1:54:A:ARG:HA	1:57:A:LEU:HB3	5	0.2
(11,1057)	1:111:A:GLU:HA	1:114:A:ILE:HG12	16	0.2
(11,1029)	1:34:A:LYS:H	1:81:A:GLU:HB3	15	0.2
(11,966)	1:11:A:ILE:HD11	1:43:A:MET:HB3	15	0.2
(11,966)	1:11:A:ILE:HD12	1:43:A:MET:HB3	15	0.2
(11,966)	1:11:A:ILE:HD13	1:43:A:MET:HB3	15	0.2
(11,939)	1:117:A:VAL:HA	1:118:A:ASP:HA	19	0.2
(11,921)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	19	0.2
(11,921)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	19	0.2
(11,921)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	19	0.2
(11,902)	1:20:A:THR:H	1:21:A:THR:HB	5	0.2
(11,900)	1:54:A:ARG:HA	1:58:A:ILE:HB	14	0.2
(11,900)	1:54:A:ARG:HA	1:58:A:ILE:HB	15	0.2
(11,869)	1:56:A:CYS:H	1:122:A:ASP:HB3	5	0.2
(11,818)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	8	0.2
(11,818)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	8	0.2
(11,818)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	8	0.2
(11,818)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	8	0.2
(11,818)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	8	0.2
(11,818)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	8	0.2
(11,812)	1:98:A:ILE:HD11	1:116:A:GLN:H	5	0.2
(11,812)	1:98:A:ILE:HD12	1:116:A:GLN:H	5	0.2
(11,812)	1:98:A:ILE:HD13	1:116:A:GLN:H	5	0.2
(11,789)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	3	0.2
(11,789)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	3	0.2
(11,789)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	3	0.2
(11,789)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	3	0.2
(11,789)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	3	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,789)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	3	0.2
(11,781)	1:11:A:ILE:HA	1:11:A:ILE:HD11	9	0.2
(11,781)	1:11:A:ILE:HA	1:11:A:ILE:HD12	9	0.2
(11,781)	1:11:A:ILE:HA	1:11:A:ILE:HD13	9	0.2
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	4	0.2
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	4	0.2
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	4	0.2
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	4	0.2
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	4	0.2
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	4	0.2
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	4	0.2
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	4	0.2
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	4	0.2
(11,768)	1:73:A:ILE:HD11	1:113:A:PHE:HA	14	0.2
(11,768)	1:73:A:ILE:HD12	1:113:A:PHE:HA	14	0.2
(11,768)	1:73:A:ILE:HD13	1:113:A:PHE:HA	14	0.2
(11,753)	1:38:A:GLU:H	1:41:A:LYS:HG2	18	0.2
(11,704)	1:23:A:LEU:HB2	1:25:A:ALA:H	8	0.2
(11,704)	1:23:A:LEU:HB3	1:25:A:ALA:H	8	0.2
(11,597)	1:55:A:GLY:H	1:57:A:LEU:H	1	0.2
(11,597)	1:55:A:GLY:H	1:57:A:LEU:H	16	0.2
(11,543)	1:60:A:LEU:HD11	1:61:A:SER:H	6	0.2
(11,543)	1:60:A:LEU:HD12	1:61:A:SER:H	6	0.2
(11,543)	1:60:A:LEU:HD13	1:61:A:SER:H	6	0.2
(11,338)	1:57:A:LEU:H	1:58:A:ILE:HB	6	0.2
(11,324)	1:44:A:GLU:HG2	1:46:A:ASN:H	16	0.2
(11,248)	1:58:A:ILE:H	1:58:A:ILE:HD11	4	0.2
(11,248)	1:58:A:ILE:H	1:58:A:ILE:HD12	4	0.2
(11,248)	1:58:A:ILE:H	1:58:A:ILE:HD13	4	0.2
(11,9)	1:63:A:ILE:HG13	1:64:A:LYS:H	14	0.2
(9,2364)	1:131:A:LEU:HD11	1:134:A:VAL:HB	16	0.2
(9,2364)	1:131:A:LEU:HD12	1:134:A:VAL:HB	16	0.2
(9,2364)	1:131:A:LEU:HD13	1:134:A:VAL:HB	16	0.2
(9,2364)	1:131:A:LEU:HD21	1:134:A:VAL:HB	16	0.2
(9,2364)	1:131:A:LEU:HD22	1:134:A:VAL:HB	16	0.2
(9,2364)	1:131:A:LEU:HD23	1:134:A:VAL:HB	16	0.2
(9,2326)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	6	0.2
(9,2326)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	6	0.2
(9,2326)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	6	0.2
(9,2326)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	6	0.2
(9,2326)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	6	0.2
(9,2326)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	6	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD11	6	0.2
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD12	6	0.2
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD13	6	0.2
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD21	6	0.2
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD22	6	0.2
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD23	6	0.2
(9,2253)	1:101:A:ILE:HG13	1:119:A:LEU:HD11	19	0.2
(9,2253)	1:101:A:ILE:HG13	1:119:A:LEU:HD12	19	0.2
(9,2253)	1:101:A:ILE:HG13	1:119:A:LEU:HD13	19	0.2
(9,2253)	1:101:A:ILE:HG13	1:119:A:LEU:HD21	19	0.2
(9,2253)	1:101:A:ILE:HG13	1:119:A:LEU:HD22	19	0.2
(9,2253)	1:101:A:ILE:HG13	1:119:A:LEU:HD23	19	0.2
(9,2240)	1:96:A:VAL:HG11	1:104:A:PHE:HE1	6	0.2
(9,2240)	1:96:A:VAL:HG11	1:104:A:PHE:HE2	6	0.2
(9,2240)	1:96:A:VAL:HG12	1:104:A:PHE:HE1	6	0.2
(9,2240)	1:96:A:VAL:HG12	1:104:A:PHE:HE2	6	0.2
(9,2240)	1:96:A:VAL:HG13	1:104:A:PHE:HE1	6	0.2
(9,2240)	1:96:A:VAL:HG13	1:104:A:PHE:HE2	6	0.2
(9,2240)	1:96:A:VAL:HG21	1:104:A:PHE:HE1	6	0.2
(9,2240)	1:96:A:VAL:HG21	1:104:A:PHE:HE2	6	0.2
(9,2240)	1:96:A:VAL:HG22	1:104:A:PHE:HE1	6	0.2
(9,2240)	1:96:A:VAL:HG22	1:104:A:PHE:HE2	6	0.2
(9,2240)	1:96:A:VAL:HG23	1:104:A:PHE:HE1	6	0.2
(9,2240)	1:96:A:VAL:HG23	1:104:A:PHE:HE2	6	0.2
(9,2222)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	10	0.2
(9,2222)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	10	0.2
(9,2222)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	10	0.2
(9,2222)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	10	0.2
(9,2089)	1:39:A:VAL:HG11	1:40:A:LEU:HA	10	0.2
(9,2089)	1:39:A:VAL:HG12	1:40:A:LEU:HA	10	0.2
(9,2089)	1:39:A:VAL:HG13	1:40:A:LEU:HA	10	0.2
(9,2089)	1:39:A:VAL:HG21	1:40:A:LEU:HA	10	0.2
(9,2089)	1:39:A:VAL:HG22	1:40:A:LEU:HA	10	0.2
(9,2089)	1:39:A:VAL:HG23	1:40:A:LEU:HA	10	0.2
(9,2023)	1:23:A:LEU:HD11	1:147:A:ARG:H	6	0.2
(9,2023)	1:23:A:LEU:HD12	1:147:A:ARG:H	6	0.2
(9,2023)	1:23:A:LEU:HD13	1:147:A:ARG:H	6	0.2
(9,2023)	1:23:A:LEU:HD21	1:147:A:ARG:H	6	0.2
(9,2023)	1:23:A:LEU:HD22	1:147:A:ARG:H	6	0.2
(9,2023)	1:23:A:LEU:HD23	1:147:A:ARG:H	6	0.2
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	8	0.2
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	8	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	8	0.2
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	8	0.2
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	8	0.2
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	8	0.2
(9,1985)	1:14:A:VAL:HG11	1:61:A:SER:HB2	17	0.2
(9,1985)	1:14:A:VAL:HG11	1:61:A:SER:HB3	17	0.2
(9,1985)	1:14:A:VAL:HG12	1:61:A:SER:HB2	17	0.2
(9,1985)	1:14:A:VAL:HG12	1:61:A:SER:HB3	17	0.2
(9,1985)	1:14:A:VAL:HG13	1:61:A:SER:HB2	17	0.2
(9,1985)	1:14:A:VAL:HG13	1:61:A:SER:HB3	17	0.2
(9,1985)	1:14:A:VAL:HG21	1:61:A:SER:HB2	17	0.2
(9,1985)	1:14:A:VAL:HG21	1:61:A:SER:HB3	17	0.2
(9,1985)	1:14:A:VAL:HG22	1:61:A:SER:HB2	17	0.2
(9,1985)	1:14:A:VAL:HG22	1:61:A:SER:HB3	17	0.2
(9,1985)	1:14:A:VAL:HG23	1:61:A:SER:HB2	17	0.2
(9,1985)	1:14:A:VAL:HG23	1:61:A:SER:HB3	17	0.2
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	11	0.2
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	11	0.2
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	11	0.2
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	11	0.2
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	11	0.2
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	11	0.2
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	11	0.2
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	11	0.2
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	11	0.2
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	11	0.2
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	11	0.2
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	11	0.2
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	11	0.2
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	11	0.2
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	11	0.2
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	11	0.2
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	11	0.2
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	11	0.2
(9,1911)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	5	0.2
(9,1870)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	17	0.2
(9,1870)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	17	0.2
(9,1870)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	17	0.2
(9,1870)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	17	0.2
(9,1870)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	17	0.2
(9,1870)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	17	0.2
(9,1834)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	7	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1834)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	7	0.2
(9,1834)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	7	0.2
(9,1828)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	7	0.2
(9,1828)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	7	0.2
(9,1828)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	7	0.2
(9,1726)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	5	0.2
(9,1726)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	5	0.2
(9,1726)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	5	0.2
(9,1697)	1:34:A:LYS:HA	1:35:A:LEU:HB3	18	0.2
(9,1649)	1:69:A:MET:HE1	1:116:A:GLN:HG3	3	0.2
(9,1649)	1:69:A:MET:HE2	1:116:A:GLN:HG3	3	0.2
(9,1649)	1:69:A:MET:HE3	1:116:A:GLN:HG3	3	0.2
(9,1639)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	19	0.2
(9,1639)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	19	0.2
(9,1639)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	19	0.2
(9,1639)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	19	0.2
(9,1639)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	19	0.2
(9,1639)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	19	0.2
(9,1628)	1:26:A:ASP:HA	1:27:A:ARG:HB2	9	0.2
(9,1589)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	10	0.2
(9,1589)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	10	0.2
(9,1589)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	10	0.2
(9,1589)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	10	0.2
(9,1589)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	10	0.2
(9,1589)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	10	0.2
(9,1512)	1:69:A:MET:HE1	1:114:A:ILE:H	11	0.2
(9,1512)	1:69:A:MET:HE2	1:114:A:ILE:H	11	0.2
(9,1512)	1:69:A:MET:HE3	1:114:A:ILE:H	11	0.2
(9,1430)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	3	0.2
(9,1430)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	3	0.2
(9,1430)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	3	0.2
(9,1430)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	3	0.2
(9,1430)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	3	0.2
(9,1430)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	3	0.2
(9,1358)	1:39:A:VAL:HG11	1:41:A:LYS:H	4	0.2
(9,1358)	1:39:A:VAL:HG12	1:41:A:LYS:H	4	0.2
(9,1358)	1:39:A:VAL:HG13	1:41:A:LYS:H	4	0.2
(9,1355)	1:118:A:ASP:HA	1:121:A:VAL:HG11	3	0.2
(9,1355)	1:118:A:ASP:HA	1:121:A:VAL:HG12	3	0.2
(9,1355)	1:118:A:ASP:HA	1:121:A:VAL:HG13	3	0.2
(9,1339)	1:117:A:VAL:HG21	1:118:A:ASP:H	9	0.2
(9,1339)	1:117:A:VAL:HG22	1:118:A:ASP:H	9	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1339)	1:117:A:VAL:HG23	1:118:A:ASP:H	9	0.2
(9,1338)	1:105:A:LYS:HG3	1:106:A:ASP:HA	17	0.2
(9,1231)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	18	0.2
(9,1231)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	18	0.2
(9,1231)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	18	0.2
(9,1224)	1:137:A:SER:HA	1:138:A:ASP:HB2	17	0.2
(9,1224)	1:137:A:SER:HA	1:138:A:ASP:HB3	17	0.2
(9,1113)	1:129:A:LYS:HA	1:132:A:ALA:HB1	2	0.2
(9,1113)	1:129:A:LYS:HA	1:132:A:ALA:HB2	2	0.2
(9,1113)	1:129:A:LYS:HA	1:132:A:ALA:HB3	2	0.2
(9,1073)	1:38:A:GLU:HA	1:41:A:LYS:H	3	0.2
(9,1070)	1:54:A:ARG:HA	1:57:A:LEU:HB3	5	0.2
(9,1057)	1:13:A:ALA:HB1	1:79:A:THR:HA	12	0.2
(9,1057)	1:13:A:ALA:HB2	1:79:A:THR:HA	12	0.2
(9,1057)	1:13:A:ALA:HB3	1:79:A:THR:HA	12	0.2
(9,1043)	1:111:A:GLU:HA	1:114:A:ILE:HG12	16	0.2
(9,1017)	1:149:A:ALA:HB1	1:150:A:THR:HA	16	0.2
(9,1017)	1:149:A:ALA:HB2	1:150:A:THR:HA	16	0.2
(9,1017)	1:149:A:ALA:HB3	1:150:A:THR:HA	16	0.2
(9,990)	1:63:A:ILE:HA	1:64:A:LYS:HD2	12	0.2
(9,990)	1:63:A:ILE:HA	1:64:A:LYS:HD3	12	0.2
(9,961)	1:70:A:LYS:HB2	1:74:A:PRO:HA	8	0.2
(9,961)	1:70:A:LYS:HB3	1:74:A:PRO:HA	8	0.2
(9,947)	1:67:A:PRO:HA	1:70:A:LYS:HB2	4	0.2
(9,947)	1:67:A:PRO:HA	1:70:A:LYS:HB3	4	0.2
(9,890)	1:73:A:ILE:HB	1:76:A:ARG:HA	2	0.2
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	12	0.2
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	12	0.2
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	12	0.2
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	12	0.2
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	12	0.2
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	12	0.2
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	12	0.2
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	12	0.2
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	12	0.2
(9,795)	1:11:A:ILE:HD11	1:47:A:ALA:HB1	13	0.2
(9,795)	1:11:A:ILE:HD11	1:47:A:ALA:HB2	13	0.2
(9,795)	1:11:A:ILE:HD11	1:47:A:ALA:HB3	13	0.2
(9,795)	1:11:A:ILE:HD12	1:47:A:ALA:HB1	13	0.2
(9,795)	1:11:A:ILE:HD12	1:47:A:ALA:HB2	13	0.2
(9,795)	1:11:A:ILE:HD12	1:47:A:ALA:HB3	13	0.2
(9,795)	1:11:A:ILE:HD13	1:47:A:ALA:HB1	13	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,795)	1:11:A:ILE:HD13	1:47:A:ALA:HB2	13	0.2
(9,795)	1:11:A:ILE:HD13	1:47:A:ALA:HB3	13	0.2
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD11	3	0.2
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD12	3	0.2
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD13	3	0.2
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD11	8	0.2
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD12	8	0.2
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD13	8	0.2
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD11	9	0.2
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD12	9	0.2
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD13	9	0.2
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD11	11	0.2
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD12	11	0.2
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD13	11	0.2
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD11	13	0.2
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD12	13	0.2
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD13	13	0.2
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD11	19	0.2
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD12	19	0.2
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD13	19	0.2
(9,760)	1:42:A:GLU:H	1:42:A:GLU:HB3	9	0.2
(9,752)	1:38:A:GLU:H	1:41:A:LYS:HG2	18	0.2
(9,674)	1:18:A:PHE:HB3	1:132:A:ALA:H	12	0.2
(9,597)	1:55:A:GLY:H	1:57:A:LEU:H	1	0.2
(9,597)	1:55:A:GLY:H	1:57:A:LEU:H	16	0.2
(9,547)	1:60:A:LEU:HD11	1:61:A:SER:H	6	0.2
(9,547)	1:60:A:LEU:HD12	1:61:A:SER:H	6	0.2
(9,547)	1:60:A:LEU:HD13	1:61:A:SER:H	6	0.2
(9,534)	1:70:A:LYS:HB2	1:72:A:PHE:H	3	0.2
(9,534)	1:70:A:LYS:HB3	1:72:A:PHE:H	3	0.2
(9,320)	1:46:A:ASN:H	1:47:A:ALA:HB1	8	0.2
(9,320)	1:46:A:ASN:H	1:47:A:ALA:HB2	8	0.2
(9,320)	1:46:A:ASN:H	1:47:A:ALA:HB3	8	0.2
(9,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	17	0.2
(9,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	17	0.2
(9,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	17	0.2
(9,151)	1:138:A:ASP:H	1:140:A:LEU:HB2	4	0.2
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB1	17	0.2
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB2	17	0.2
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB3	17	0.2
(9,43)	1:98:A:ILE:H	1:105:A:LYS:HA	5	0.2
(7,2449)	1:140:A:LEU:H	1:140:A:LEU:HD11	7	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2449)	1:140:A:LEU:H	1:140:A:LEU:HD12	7	0.2
(7,2449)	1:140:A:LEU:H	1:140:A:LEU:HD13	7	0.2
(7,2449)	1:140:A:LEU:H	1:140:A:LEU:HD21	7	0.2
(7,2449)	1:140:A:LEU:H	1:140:A:LEU:HD22	7	0.2
(7,2449)	1:140:A:LEU:H	1:140:A:LEU:HD23	7	0.2
(7,2336)	1:111:A:GLU:H	1:111:A:GLU:HG2	9	0.2
(7,2336)	1:111:A:GLU:H	1:111:A:GLU:HG3	9	0.2
(7,2264)	1:96:A:VAL:HG11	1:104:A:PHE:HE1	6	0.2
(7,2264)	1:96:A:VAL:HG11	1:104:A:PHE:HE2	6	0.2
(7,2264)	1:96:A:VAL:HG12	1:104:A:PHE:HE1	6	0.2
(7,2264)	1:96:A:VAL:HG12	1:104:A:PHE:HE2	6	0.2
(7,2264)	1:96:A:VAL:HG13	1:104:A:PHE:HE1	6	0.2
(7,2264)	1:96:A:VAL:HG13	1:104:A:PHE:HE2	6	0.2
(7,2264)	1:96:A:VAL:HG21	1:104:A:PHE:HE1	6	0.2
(7,2264)	1:96:A:VAL:HG21	1:104:A:PHE:HE2	6	0.2
(7,2264)	1:96:A:VAL:HG22	1:104:A:PHE:HE1	6	0.2
(7,2264)	1:96:A:VAL:HG22	1:104:A:PHE:HE2	6	0.2
(7,2264)	1:96:A:VAL:HG23	1:104:A:PHE:HE1	6	0.2
(7,2264)	1:96:A:VAL:HG23	1:104:A:PHE:HE2	6	0.2
(7,2248)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	16	0.2
(7,2248)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	16	0.2
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD11	9	0.2
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD12	9	0.2
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD13	9	0.2
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD21	9	0.2
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD22	9	0.2
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD23	9	0.2
(7,2078)	1:39:A:VAL:HA	1:140:A:LEU:HD11	9	0.2
(7,2078)	1:39:A:VAL:HA	1:140:A:LEU:HD12	9	0.2
(7,2078)	1:39:A:VAL:HA	1:140:A:LEU:HD13	9	0.2
(7,2078)	1:39:A:VAL:HA	1:140:A:LEU:HD21	9	0.2
(7,2078)	1:39:A:VAL:HA	1:140:A:LEU:HD22	9	0.2
(7,2078)	1:39:A:VAL:HA	1:140:A:LEU:HD23	9	0.2
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD11	14	0.2
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD12	14	0.2
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD13	14	0.2
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD21	14	0.2
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD22	14	0.2
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD23	14	0.2
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD11	16	0.2
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD12	16	0.2
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD13	16	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD21	16	0.2
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD22	16	0.2
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD23	16	0.2
(7,1997)	1:23:A:LEU:HD11	1:27:A:ARG:HA	5	0.2
(7,1997)	1:23:A:LEU:HD12	1:27:A:ARG:HA	5	0.2
(7,1997)	1:23:A:LEU:HD13	1:27:A:ARG:HA	5	0.2
(7,1997)	1:23:A:LEU:HD21	1:27:A:ARG:HA	5	0.2
(7,1997)	1:23:A:LEU:HD22	1:27:A:ARG:HA	5	0.2
(7,1997)	1:23:A:LEU:HD23	1:27:A:ARG:HA	5	0.2
(7,1988)	1:21:A:THR:HB	1:23:A:LEU:HD11	3	0.2
(7,1988)	1:21:A:THR:HB	1:23:A:LEU:HD12	3	0.2
(7,1988)	1:21:A:THR:HB	1:23:A:LEU:HD13	3	0.2
(7,1988)	1:21:A:THR:HB	1:23:A:LEU:HD21	3	0.2
(7,1988)	1:21:A:THR:HB	1:23:A:LEU:HD22	3	0.2
(7,1988)	1:21:A:THR:HB	1:23:A:LEU:HD23	3	0.2
(7,1954)	1:15:A:ALA:HB1	1:16:A:SER:HB2	10	0.2
(7,1954)	1:15:A:ALA:HB1	1:16:A:SER:HB3	10	0.2
(7,1954)	1:15:A:ALA:HB2	1:16:A:SER:HB2	10	0.2
(7,1954)	1:15:A:ALA:HB2	1:16:A:SER:HB3	10	0.2
(7,1954)	1:15:A:ALA:HB3	1:16:A:SER:HB2	10	0.2
(7,1954)	1:15:A:ALA:HB3	1:16:A:SER:HB3	10	0.2
(7,1949)	1:14:A:VAL:HG11	1:61:A:SER:HB2	17	0.2
(7,1949)	1:14:A:VAL:HG11	1:61:A:SER:HB3	17	0.2
(7,1949)	1:14:A:VAL:HG12	1:61:A:SER:HB2	17	0.2
(7,1949)	1:14:A:VAL:HG12	1:61:A:SER:HB3	17	0.2
(7,1949)	1:14:A:VAL:HG13	1:61:A:SER:HB2	17	0.2
(7,1949)	1:14:A:VAL:HG13	1:61:A:SER:HB3	17	0.2
(7,1949)	1:14:A:VAL:HG21	1:61:A:SER:HB2	17	0.2
(7,1949)	1:14:A:VAL:HG21	1:61:A:SER:HB3	17	0.2
(7,1949)	1:14:A:VAL:HG22	1:61:A:SER:HB2	17	0.2
(7,1949)	1:14:A:VAL:HG22	1:61:A:SER:HB3	17	0.2
(7,1949)	1:14:A:VAL:HG23	1:61:A:SER:HB2	17	0.2
(7,1949)	1:14:A:VAL:HG23	1:61:A:SER:HB3	17	0.2
(7,1947)	1:14:A:VAL:HG11	1:61:A:SER:H	7	0.2
(7,1947)	1:14:A:VAL:HG12	1:61:A:SER:H	7	0.2
(7,1947)	1:14:A:VAL:HG13	1:61:A:SER:H	7	0.2
(7,1947)	1:14:A:VAL:HG21	1:61:A:SER:H	7	0.2
(7,1947)	1:14:A:VAL:HG22	1:61:A:SER:H	7	0.2
(7,1947)	1:14:A:VAL:HG23	1:61:A:SER:H	7	0.2
(7,1855)	1:104:A:PHE:HE1	1:105:A:LYS:H	4	0.2
(7,1855)	1:104:A:PHE:HE2	1:105:A:LYS:H	4	0.2
(7,1844)	1:18:A:PHE:HD1	1:131:A:LEU:HD11	13	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1844)	1:18:A:PHE:HD1	1:131:A:LEU:HD12	13	0.2
(7,1844)	1:18:A:PHE:HD1	1:131:A:LEU:HD13	13	0.2
(7,1844)	1:18:A:PHE:HD2	1:131:A:LEU:HD11	13	0.2
(7,1844)	1:18:A:PHE:HD2	1:131:A:LEU:HD12	13	0.2
(7,1844)	1:18:A:PHE:HD2	1:131:A:LEU:HD13	13	0.2
(7,1792)	1:9:A:PHE:HZ	1:57:A:LEU:HA	19	0.2
(7,1782)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	9	0.2
(7,1782)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	9	0.2
(7,1774)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	8	0.2
(7,1774)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	8	0.2
(7,1774)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	8	0.2
(7,1774)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	8	0.2
(7,1741)	1:54:A:ARG:HA	1:57:A:LEU:HB3	5	0.2
(7,1701)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	5	0.2
(7,1701)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	5	0.2
(7,1701)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	5	0.2
(7,1685)	1:79:A:THR:HG21	1:81:A:GLU:HB3	2	0.2
(7,1685)	1:79:A:THR:HG22	1:81:A:GLU:HB3	2	0.2
(7,1685)	1:79:A:THR:HG23	1:81:A:GLU:HB3	2	0.2
(7,1672)	1:34:A:LYS:HA	1:35:A:LEU:HB3	18	0.2
(7,1653)	1:69:A:MET:HA	1:109:A:PRO:HA	1	0.2
(7,1554)	1:101:A:ILE:HD11	1:112:A:GLN:HA	4	0.2
(7,1554)	1:101:A:ILE:HD12	1:112:A:GLN:HA	4	0.2
(7,1554)	1:101:A:ILE:HD13	1:112:A:GLN:HA	4	0.2
(7,1537)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	13	0.2
(7,1537)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	13	0.2
(7,1537)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	13	0.2
(7,1537)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	13	0.2
(7,1537)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	13	0.2
(7,1537)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	13	0.2
(7,1479)	1:114:A:ILE:HG21	1:117:A:VAL:HB	10	0.2
(7,1479)	1:114:A:ILE:HG22	1:117:A:VAL:HB	10	0.2
(7,1479)	1:114:A:ILE:HG23	1:117:A:VAL:HB	10	0.2
(7,1426)	1:50:A:ALA:HB1	1:130:A:GLY:H	7	0.2
(7,1426)	1:50:A:ALA:HB2	1:130:A:GLY:H	7	0.2
(7,1426)	1:50:A:ALA:HB3	1:130:A:GLY:H	7	0.2
(7,1347)	1:39:A:VAL:HG11	1:41:A:LYS:H	4	0.2
(7,1347)	1:39:A:VAL:HG12	1:41:A:LYS:H	4	0.2
(7,1347)	1:39:A:VAL:HG13	1:41:A:LYS:H	4	0.2
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG11	18	0.2
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG12	18	0.2
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG13	18	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1335)	1:24:A:ASP:HB2	1:25:A:ALA:HA	16	0.2
(7,1335)	1:24:A:ASP:HB3	1:25:A:ALA:HA	16	0.2
(7,1325)	1:125:A:THR:HG21	1:128:A:LEU:HB2	13	0.2
(7,1325)	1:125:A:THR:HG22	1:128:A:LEU:HB2	13	0.2
(7,1325)	1:125:A:THR:HG23	1:128:A:LEU:HB2	13	0.2
(7,1320)	1:103:A:ARG:HG2	1:106:A:ASP:HA	15	0.2
(7,1320)	1:103:A:ARG:HG3	1:106:A:ASP:HA	15	0.2
(7,1311)	1:64:A:LYS:HA	1:64:A:LYS:HD2	4	0.2
(7,1311)	1:64:A:LYS:HA	1:64:A:LYS:HD3	4	0.2
(7,1251)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	19	0.2
(7,1251)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	19	0.2
(7,1251)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	19	0.2
(7,1250)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	8	0.2
(7,1250)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	8	0.2
(7,1250)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	8	0.2
(7,1250)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	8	0.2
(7,1250)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	8	0.2
(7,1250)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	8	0.2
(7,1201)	1:137:A:SER:HA	1:138:A:ASP:HB2	17	0.2
(7,1201)	1:137:A:SER:HA	1:138:A:ASP:HB3	17	0.2
(7,1200)	1:110:A:MET:HA	1:113:A:PHE:HB2	7	0.2
(7,1124)	1:78:A:HIS:HA	1:79:A:THR:HB	17	0.2
(7,1037)	1:95:A:ILE:HA	1:96:A:VAL:HB	18	0.2
(7,1001)	1:149:A:ALA:HB1	1:150:A:THR:HA	16	0.2
(7,1001)	1:149:A:ALA:HB2	1:150:A:THR:HA	16	0.2
(7,1001)	1:149:A:ALA:HB3	1:150:A:THR:HA	16	0.2
(7,983)	1:98:A:ILE:HB	1:105:A:LYS:HB2	13	0.2
(7,983)	1:98:A:ILE:HB	1:105:A:LYS:HB3	13	0.2
(7,951)	1:110:A:MET:HG2	1:114:A:ILE:HD11	10	0.2
(7,951)	1:110:A:MET:HG2	1:114:A:ILE:HD12	10	0.2
(7,951)	1:110:A:MET:HG2	1:114:A:ILE:HD13	10	0.2
(7,951)	1:110:A:MET:HG3	1:114:A:ILE:HD11	10	0.2
(7,951)	1:110:A:MET:HG3	1:114:A:ILE:HD12	10	0.2
(7,951)	1:110:A:MET:HG3	1:114:A:ILE:HD13	10	0.2
(7,915)	1:81:A:GLU:HA	1:81:A:GLU:HG2	13	0.2
(7,915)	1:81:A:GLU:HA	1:81:A:GLU:HG3	13	0.2
(7,810)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	8	0.2
(7,810)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	8	0.2
(7,810)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	8	0.2
(7,810)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	8	0.2
(7,810)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	8	0.2
(7,810)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	8	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,798)	1:95:A:ILE:HA	1:95:A:ILE:HD11	15	0.2
(7,798)	1:95:A:ILE:HA	1:95:A:ILE:HD12	15	0.2
(7,798)	1:95:A:ILE:HA	1:95:A:ILE:HD13	15	0.2
(7,788)	1:8:A:ASP:H	1:58:A:ILE:HD11	6	0.2
(7,788)	1:8:A:ASP:H	1:58:A:ILE:HD12	6	0.2
(7,788)	1:8:A:ASP:H	1:58:A:ILE:HD13	6	0.2
(7,751)	1:37:A:LEU:H	1:40:A:LEU:HB2	3	0.2
(7,745)	1:38:A:GLU:H	1:41:A:LYS:HG2	18	0.2
(7,629)	1:9:A:PHE:HZ	1:58:A:ILE:H	18	0.2
(7,475)	1:14:A:VAL:H	1:61:A:SER:HA	19	0.2
(7,251)	1:58:A:ILE:H	1:58:A:ILE:HD11	4	0.2
(7,251)	1:58:A:ILE:H	1:58:A:ILE:HD12	4	0.2
(7,251)	1:58:A:ILE:H	1:58:A:ILE:HD13	4	0.2
(7,219)	1:44:A:GLU:HG2	1:48:A:ARG:H	8	0.2
(7,175)	1:8:A:ASP:H	1:58:A:ILE:HG13	3	0.2
(7,124)	1:80:A:TYR:H	1:80:A:TYR:HB3	5	0.2
(7,124)	1:80:A:TYR:H	1:80:A:TYR:HB2	5	0.2
(7,28)	1:13:A:ALA:H	1:40:A:LEU:HD11	9	0.2
(7,28)	1:13:A:ALA:H	1:40:A:LEU:HD12	9	0.2
(7,28)	1:13:A:ALA:H	1:40:A:LEU:HD13	9	0.2
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD11	17	0.2
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD12	17	0.2
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD13	17	0.2
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD21	17	0.2
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD22	17	0.2
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD23	17	0.2
(6,2329)	1:107:A:LEU:HD11	1:108:A:GLU:H	5	0.2
(6,2329)	1:107:A:LEU:HD12	1:108:A:GLU:H	5	0.2
(6,2329)	1:107:A:LEU:HD13	1:108:A:GLU:H	5	0.2
(6,2329)	1:107:A:LEU:HD21	1:108:A:GLU:H	5	0.2
(6,2329)	1:107:A:LEU:HD22	1:108:A:GLU:H	5	0.2
(6,2329)	1:107:A:LEU:HD23	1:108:A:GLU:H	5	0.2
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD11	6	0.2
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD12	6	0.2
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD13	6	0.2
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD21	6	0.2
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD22	6	0.2
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD23	6	0.2
(6,2306)	1:101:A:ILE:H	1:119:A:LEU:HD11	8	0.2
(6,2306)	1:101:A:ILE:H	1:119:A:LEU:HD12	8	0.2
(6,2306)	1:101:A:ILE:H	1:119:A:LEU:HD13	8	0.2
(6,2306)	1:101:A:ILE:H	1:119:A:LEU:HD21	8	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2306)	1:101:A:ILE:H	1:119:A:LEU:HD22	8	0.2
(6,2306)	1:101:A:ILE:H	1:119:A:LEU:HD23	8	0.2
(6,2291)	1:96:A:VAL:HG11	1:104:A:PHE:HE1	6	0.2
(6,2291)	1:96:A:VAL:HG11	1:104:A:PHE:HE2	6	0.2
(6,2291)	1:96:A:VAL:HG12	1:104:A:PHE:HE1	6	0.2
(6,2291)	1:96:A:VAL:HG12	1:104:A:PHE:HE2	6	0.2
(6,2291)	1:96:A:VAL:HG13	1:104:A:PHE:HE1	6	0.2
(6,2291)	1:96:A:VAL:HG13	1:104:A:PHE:HE2	6	0.2
(6,2291)	1:96:A:VAL:HG21	1:104:A:PHE:HE1	6	0.2
(6,2291)	1:96:A:VAL:HG21	1:104:A:PHE:HE2	6	0.2
(6,2291)	1:96:A:VAL:HG22	1:104:A:PHE:HE1	6	0.2
(6,2291)	1:96:A:VAL:HG22	1:104:A:PHE:HE2	6	0.2
(6,2291)	1:96:A:VAL:HG23	1:104:A:PHE:HE1	6	0.2
(6,2291)	1:96:A:VAL:HG23	1:104:A:PHE:HE2	6	0.2
(6,2210)	1:60:A:LEU:HD11	1:61:A:SER:HB2	8	0.2
(6,2210)	1:60:A:LEU:HD11	1:61:A:SER:HB3	8	0.2
(6,2210)	1:60:A:LEU:HD12	1:61:A:SER:HB2	8	0.2
(6,2210)	1:60:A:LEU:HD12	1:61:A:SER:HB3	8	0.2
(6,2210)	1:60:A:LEU:HD13	1:61:A:SER:HB2	8	0.2
(6,2210)	1:60:A:LEU:HD13	1:61:A:SER:HB3	8	0.2
(6,2179)	1:54:A:ARG:HA	1:57:A:LEU:HD11	13	0.2
(6,2179)	1:54:A:ARG:HA	1:57:A:LEU:HD12	13	0.2
(6,2179)	1:54:A:ARG:HA	1:57:A:LEU:HD13	13	0.2
(6,2179)	1:54:A:ARG:HA	1:57:A:LEU:HD21	13	0.2
(6,2179)	1:54:A:ARG:HA	1:57:A:LEU:HD22	13	0.2
(6,2179)	1:54:A:ARG:HA	1:57:A:LEU:HD23	13	0.2
(6,2167)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	10	0.2
(6,2167)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	10	0.2
(6,2167)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	10	0.2
(6,2167)	1:47:A:ALA:HB1	1:57:A:LEU:HD21	10	0.2
(6,2167)	1:47:A:ALA:HB1	1:57:A:LEU:HD22	10	0.2
(6,2167)	1:47:A:ALA:HB1	1:57:A:LEU:HD23	10	0.2
(6,2167)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	10	0.2
(6,2167)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	10	0.2
(6,2167)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	10	0.2
(6,2167)	1:47:A:ALA:HB2	1:57:A:LEU:HD21	10	0.2
(6,2167)	1:47:A:ALA:HB2	1:57:A:LEU:HD22	10	0.2
(6,2167)	1:47:A:ALA:HB2	1:57:A:LEU:HD23	10	0.2
(6,2167)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	10	0.2
(6,2167)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	10	0.2
(6,2167)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	10	0.2
(6,2167)	1:47:A:ALA:HB3	1:57:A:LEU:HD21	10	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2167)	1:47:A:ALA:HB3	1:57:A:LEU:HD22	10	0.2
(6,2167)	1:47:A:ALA:HB3	1:57:A:LEU:HD23	10	0.2
(6,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD11	3	0.2
(6,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD12	3	0.2
(6,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD13	3	0.2
(6,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD21	3	0.2
(6,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD22	3	0.2
(6,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD23	3	0.2
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD11	14	0.2
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD12	14	0.2
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD13	14	0.2
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD21	14	0.2
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD22	14	0.2
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD23	14	0.2
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	8	0.2
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	8	0.2
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	8	0.2
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	8	0.2
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	8	0.2
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	8	0.2
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD11	2	0.2
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD12	2	0.2
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD13	2	0.2
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD21	2	0.2
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD22	2	0.2
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD23	2	0.2
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	13	0.2
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	13	0.2
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	13	0.2
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	13	0.2
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	13	0.2
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	13	0.2
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	13	0.2
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	13	0.2
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	13	0.2
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	13	0.2
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	13	0.2
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	13	0.2
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	13	0.2
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	13	0.2
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	13	0.2
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	13	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	13	0.2
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	13	0.2
(6,1956)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	17	0.2
(6,1956)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	17	0.2
(6,1956)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	17	0.2
(6,1956)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	17	0.2
(6,1940)	1:9:A:PHE:HE1	1:14:A:VAL:HG11	5	0.2
(6,1940)	1:9:A:PHE:HE1	1:14:A:VAL:HG12	5	0.2
(6,1940)	1:9:A:PHE:HE1	1:14:A:VAL:HG13	5	0.2
(6,1940)	1:9:A:PHE:HE1	1:14:A:VAL:HG21	5	0.2
(6,1940)	1:9:A:PHE:HE1	1:14:A:VAL:HG22	5	0.2
(6,1940)	1:9:A:PHE:HE1	1:14:A:VAL:HG23	5	0.2
(6,1940)	1:9:A:PHE:HE2	1:14:A:VAL:HG11	5	0.2
(6,1940)	1:9:A:PHE:HE2	1:14:A:VAL:HG12	5	0.2
(6,1940)	1:9:A:PHE:HE2	1:14:A:VAL:HG13	5	0.2
(6,1940)	1:9:A:PHE:HE2	1:14:A:VAL:HG21	5	0.2
(6,1940)	1:9:A:PHE:HE2	1:14:A:VAL:HG22	5	0.2
(6,1940)	1:9:A:PHE:HE2	1:14:A:VAL:HG23	5	0.2
(6,1909)	1:113:A:PHE:HD1	1:114:A:ILE:HB	3	0.2
(6,1909)	1:113:A:PHE:HD2	1:114:A:ILE:HB	3	0.2
(6,1909)	1:113:A:PHE:HD1	1:114:A:ILE:HB	5	0.2
(6,1909)	1:113:A:PHE:HD2	1:114:A:ILE:HB	5	0.2
(6,1909)	1:113:A:PHE:HD1	1:114:A:ILE:HB	14	0.2
(6,1909)	1:113:A:PHE:HD2	1:114:A:ILE:HB	14	0.2
(6,1893)	1:104:A:PHE:HE1	1:105:A:LYS:H	4	0.2
(6,1893)	1:104:A:PHE:HE2	1:105:A:LYS:H	4	0.2
(6,1848)	1:13:A:ALA:HA	1:80:A:TYR:HE1	9	0.2
(6,1848)	1:13:A:ALA:HA	1:80:A:TYR:HE2	9	0.2
(6,1830)	1:9:A:PHE:HZ	1:57:A:LEU:HA	19	0.2
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	1	0.2
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	1	0.2
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	1	0.2
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	1	0.2
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	1	0.2
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	1	0.2
(6,1780)	1:101:A:ILE:HG21	1:102:A:PRO:HA	5	0.2
(6,1780)	1:101:A:ILE:HG22	1:102:A:PRO:HA	5	0.2
(6,1780)	1:101:A:ILE:HG23	1:102:A:PRO:HA	5	0.2
(6,1735)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	5	0.2
(6,1735)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	5	0.2
(6,1735)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	5	0.2
(6,1703)	1:34:A:LYS:HA	1:35:A:LEU:HB3	18	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1638)	1:26:A:ASP:HA	1:27:A:ARG:HB2	9	0.2
(6,1618)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	9	0.2
(6,1618)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	9	0.2
(6,1618)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	9	0.2
(6,1618)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	9	0.2
(6,1618)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	9	0.2
(6,1618)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	9	0.2
(6,1616)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	8	0.2
(6,1616)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	8	0.2
(6,1616)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	8	0.2
(6,1582)	1:97:A:ASP:H	1:98:A:ILE:HD11	3	0.2
(6,1582)	1:97:A:ASP:H	1:98:A:ILE:HD12	3	0.2
(6,1582)	1:97:A:ASP:H	1:98:A:ILE:HD13	3	0.2
(6,1562)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	13	0.2
(6,1562)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	13	0.2
(6,1562)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	13	0.2
(6,1562)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	13	0.2
(6,1562)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	13	0.2
(6,1562)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	13	0.2
(6,1535)	1:76:A:ARG:HE	1:110:A:MET:HE1	16	0.2
(6,1535)	1:76:A:ARG:HE	1:110:A:MET:HE2	16	0.2
(6,1535)	1:76:A:ARG:HE	1:110:A:MET:HE3	16	0.2
(6,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE1	19	0.2
(6,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE2	19	0.2
(6,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE3	19	0.2
(6,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE1	19	0.2
(6,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE2	19	0.2
(6,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE3	19	0.2
(6,1520)	1:69:A:MET:HE1	1:110:A:MET:HA	1	0.2
(6,1520)	1:69:A:MET:HE2	1:110:A:MET:HA	1	0.2
(6,1520)	1:69:A:MET:HE3	1:110:A:MET:HA	1	0.2
(6,1502)	1:12:A:VAL:HA	1:43:A:MET:HE1	11	0.2
(6,1502)	1:12:A:VAL:HA	1:43:A:MET:HE2	11	0.2
(6,1502)	1:12:A:VAL:HA	1:43:A:MET:HE3	11	0.2
(6,1483)	1:47:A:ALA:HB1	1:57:A:LEU:HD21	2	0.2
(6,1483)	1:47:A:ALA:HB1	1:57:A:LEU:HD22	2	0.2
(6,1483)	1:47:A:ALA:HB1	1:57:A:LEU:HD23	2	0.2
(6,1483)	1:47:A:ALA:HB2	1:57:A:LEU:HD21	2	0.2
(6,1483)	1:47:A:ALA:HB2	1:57:A:LEU:HD22	2	0.2
(6,1483)	1:47:A:ALA:HB2	1:57:A:LEU:HD23	2	0.2
(6,1483)	1:47:A:ALA:HB3	1:57:A:LEU:HD21	2	0.2
(6,1483)	1:47:A:ALA:HB3	1:57:A:LEU:HD22	2	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1483)	1:47:A:ALA:HB3	1:57:A:LEU:HD23	2	0.2
(6,1454)	1:13:A:ALA:HB1	1:79:A:THR:HB	13	0.2
(6,1454)	1:13:A:ALA:HB2	1:79:A:THR:HB	13	0.2
(6,1454)	1:13:A:ALA:HB3	1:79:A:THR:HB	13	0.2
(6,1449)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	19	0.2
(6,1449)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	19	0.2
(6,1449)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	19	0.2
(6,1413)	1:69:A:MET:HA	1:73:A:ILE:HG21	7	0.2
(6,1413)	1:69:A:MET:HA	1:73:A:ILE:HG22	7	0.2
(6,1413)	1:69:A:MET:HA	1:73:A:ILE:HG23	7	0.2
(6,1387)	1:19:A:ALA:HB1	1:21:A:THR:HG21	2	0.2
(6,1387)	1:19:A:ALA:HB1	1:21:A:THR:HG22	2	0.2
(6,1387)	1:19:A:ALA:HB1	1:21:A:THR:HG23	2	0.2
(6,1387)	1:19:A:ALA:HB2	1:21:A:THR:HG21	2	0.2
(6,1387)	1:19:A:ALA:HB2	1:21:A:THR:HG22	2	0.2
(6,1387)	1:19:A:ALA:HB2	1:21:A:THR:HG23	2	0.2
(6,1387)	1:19:A:ALA:HB3	1:21:A:THR:HG21	2	0.2
(6,1387)	1:19:A:ALA:HB3	1:21:A:THR:HG22	2	0.2
(6,1387)	1:19:A:ALA:HB3	1:21:A:THR:HG23	2	0.2
(6,1359)	1:39:A:VAL:HG11	1:41:A:LYS:H	4	0.2
(6,1359)	1:39:A:VAL:HG12	1:41:A:LYS:H	4	0.2
(6,1359)	1:39:A:VAL:HG13	1:41:A:LYS:H	4	0.2
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG11	18	0.2
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG12	18	0.2
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG13	18	0.2
(6,1337)	1:117:A:VAL:HG21	1:118:A:ASP:H	9	0.2
(6,1337)	1:117:A:VAL:HG22	1:118:A:ASP:H	9	0.2
(6,1337)	1:117:A:VAL:HG23	1:118:A:ASP:H	9	0.2
(6,1325)	1:64:A:LYS:HA	1:64:A:LYS:HD2	4	0.2
(6,1325)	1:64:A:LYS:HA	1:64:A:LYS:HD3	4	0.2
(6,1251)	1:23:A:LEU:HA	1:23:A:LEU:HD11	8	0.2
(6,1251)	1:23:A:LEU:HA	1:23:A:LEU:HD12	8	0.2
(6,1251)	1:23:A:LEU:HA	1:23:A:LEU:HD13	8	0.2
(6,1150)	1:150:A:THR:HG21	1:151:A:PHE:HA	19	0.2
(6,1150)	1:150:A:THR:HG22	1:151:A:PHE:HA	19	0.2
(6,1150)	1:150:A:THR:HG23	1:151:A:PHE:HA	19	0.2
(6,1123)	1:144:A:LEU:HB2	1:144:A:LEU:HD21	1	0.2
(6,1123)	1:144:A:LEU:HB2	1:144:A:LEU:HD22	1	0.2
(6,1123)	1:144:A:LEU:HB2	1:144:A:LEU:HD23	1	0.2
(6,1123)	1:144:A:LEU:HB2	1:144:A:LEU:HD21	17	0.2
(6,1123)	1:144:A:LEU:HB2	1:144:A:LEU:HD22	17	0.2
(6,1123)	1:144:A:LEU:HB2	1:144:A:LEU:HD23	17	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1097)	1:129:A:LYS:HA	1:132:A:ALA:HB1	2	0.2
(6,1097)	1:129:A:LYS:HA	1:132:A:ALA:HB2	2	0.2
(6,1097)	1:129:A:LYS:HA	1:132:A:ALA:HB3	2	0.2
(6,1088)	1:18:A:PHE:HA	1:113:A:PHE:HZ	13	0.2
(6,1043)	1:95:A:ILE:HA	1:96:A:VAL:HB	18	0.2
(6,976)	1:63:A:ILE:HA	1:64:A:LYS:HD2	12	0.2
(6,976)	1:63:A:ILE:HA	1:64:A:LYS:HD3	12	0.2
(6,948)	1:70:A:LYS:HB2	1:74:A:PRO:HA	8	0.2
(6,948)	1:70:A:LYS:HB3	1:74:A:PRO:HA	8	0.2
(6,946)	1:66:A:THR:H	1:96:A:VAL:HB	13	0.2
(6,934)	1:67:A:PRO:HA	1:70:A:LYS:HB2	4	0.2
(6,934)	1:67:A:PRO:HA	1:70:A:LYS:HB3	4	0.2
(6,815)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	8	0.2
(6,815)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	8	0.2
(6,815)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	8	0.2
(6,815)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	8	0.2
(6,815)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	8	0.2
(6,815)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	8	0.2
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	12	0.2
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	12	0.2
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	12	0.2
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	12	0.2
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	12	0.2
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	12	0.2
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	12	0.2
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	12	0.2
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	12	0.2
(6,798)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	11	0.2
(6,798)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	11	0.2
(6,798)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	11	0.2
(6,798)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	11	0.2
(6,798)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	11	0.2
(6,798)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	11	0.2
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD11	3	0.2
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD12	3	0.2
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD13	3	0.2
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD11	8	0.2
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD12	8	0.2
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD13	8	0.2
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD11	9	0.2
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD12	9	0.2
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD13	9	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD11	11	0.2
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD12	11	0.2
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD13	11	0.2
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD11	13	0.2
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD12	13	0.2
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD13	13	0.2
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD11	19	0.2
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD12	19	0.2
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD13	19	0.2
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	4	0.2
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	4	0.2
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	4	0.2
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	4	0.2
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	4	0.2
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	4	0.2
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	4	0.2
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	4	0.2
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	4	0.2
(6,752)	1:37:A:LEU:H	1:40:A:LEU:HB2	3	0.2
(6,745)	1:38:A:GLU:H	1:41:A:LYS:HG2	18	0.2
(6,673)	1:18:A:PHE:HB3	1:132:A:ALA:H	12	0.2
(6,538)	1:60:A:LEU:HD11	1:61:A:SER:H	6	0.2
(6,538)	1:60:A:LEU:HD12	1:61:A:SER:H	6	0.2
(6,538)	1:60:A:LEU:HD13	1:61:A:SER:H	6	0.2
(6,469)	1:14:A:VAL:H	1:61:A:SER:HA	19	0.2
(6,217)	1:44:A:GLU:HG2	1:48:A:ARG:H	8	0.2
(6,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	17	0.2
(6,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	17	0.2
(6,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	17	0.2
(6,150)	1:138:A:ASP:H	1:140:A:LEU:HB2	4	0.2
(6,149)	1:131:A:LEU:H	1:131:A:LEU:HG	4	0.2
(6,123)	1:80:A:TYR:H	1:80:A:TYR:HB3	5	0.2
(6,123)	1:80:A:TYR:H	1:80:A:TYR:HB2	5	0.2
(6,103)	1:67:A:PRO:HD2	1:69:A:MET:H	6	0.2
(6,8)	1:63:A:ILE:HG13	1:64:A:LYS:H	14	0.2
(6,1)	1:143:A:TRP:HA	1:143:A:TRP:HE1	4	0.2
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	1	0.2
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	1	0.2
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	1	0.2
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	1	0.2
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	1	0.2
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	1	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	1	0.2
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	1	0.2
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	1	0.2
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	1	0.2
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	1	0.2
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	1	0.2
(5,2321)	1:106:A:ASP:H	1:107:A:LEU:HD11	8	0.2
(5,2321)	1:106:A:ASP:H	1:107:A:LEU:HD12	8	0.2
(5,2321)	1:106:A:ASP:H	1:107:A:LEU:HD13	8	0.2
(5,2321)	1:106:A:ASP:H	1:107:A:LEU:HD21	8	0.2
(5,2321)	1:106:A:ASP:H	1:107:A:LEU:HD22	8	0.2
(5,2321)	1:106:A:ASP:H	1:107:A:LEU:HD23	8	0.2
(5,2289)	1:96:A:VAL:HG11	1:104:A:PHE:HE1	6	0.2
(5,2289)	1:96:A:VAL:HG11	1:104:A:PHE:HE2	6	0.2
(5,2289)	1:96:A:VAL:HG12	1:104:A:PHE:HE1	6	0.2
(5,2289)	1:96:A:VAL:HG12	1:104:A:PHE:HE2	6	0.2
(5,2289)	1:96:A:VAL:HG13	1:104:A:PHE:HE1	6	0.2
(5,2289)	1:96:A:VAL:HG13	1:104:A:PHE:HE2	6	0.2
(5,2289)	1:96:A:VAL:HG21	1:104:A:PHE:HE1	6	0.2
(5,2289)	1:96:A:VAL:HG21	1:104:A:PHE:HE2	6	0.2
(5,2289)	1:96:A:VAL:HG22	1:104:A:PHE:HE1	6	0.2
(5,2289)	1:96:A:VAL:HG22	1:104:A:PHE:HE2	6	0.2
(5,2289)	1:96:A:VAL:HG23	1:104:A:PHE:HE1	6	0.2
(5,2289)	1:96:A:VAL:HG23	1:104:A:PHE:HE2	6	0.2
(5,2287)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	9	0.2
(5,2287)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	9	0.2
(5,2287)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	9	0.2
(5,2287)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	9	0.2
(5,2287)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	9	0.2
(5,2287)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	9	0.2
(5,2287)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	9	0.2
(5,2287)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	9	0.2
(5,2287)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	9	0.2
(5,2287)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	9	0.2
(5,2287)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	9	0.2
(5,2287)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	9	0.2
(5,2251)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	4	0.2
(5,2251)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	4	0.2
(5,2251)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	4	0.2
(5,2251)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	4	0.2
(5,2251)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	18	0.2
(5,2251)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	18	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2251)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	18	0.2
(5,2251)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	18	0.2
(5,2214)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	1	0.2
(5,2214)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	1	0.2
(5,2214)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	1	0.2
(5,2214)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	1	0.2
(5,2214)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	1	0.2
(5,2214)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	1	0.2
(5,2177)	1:54:A:ARG:HA	1:57:A:LEU:HD11	13	0.2
(5,2177)	1:54:A:ARG:HA	1:57:A:LEU:HD12	13	0.2
(5,2177)	1:54:A:ARG:HA	1:57:A:LEU:HD13	13	0.2
(5,2177)	1:54:A:ARG:HA	1:57:A:LEU:HD21	13	0.2
(5,2177)	1:54:A:ARG:HA	1:57:A:LEU:HD22	13	0.2
(5,2177)	1:54:A:ARG:HA	1:57:A:LEU:HD23	13	0.2
(5,2081)	1:38:A:GLU:HA	1:139:A:LEU:HD11	13	0.2
(5,2081)	1:38:A:GLU:HA	1:139:A:LEU:HD12	13	0.2
(5,2081)	1:38:A:GLU:HA	1:139:A:LEU:HD13	13	0.2
(5,2081)	1:38:A:GLU:HA	1:139:A:LEU:HD21	13	0.2
(5,2081)	1:38:A:GLU:HA	1:139:A:LEU:HD22	13	0.2
(5,2081)	1:38:A:GLU:HA	1:139:A:LEU:HD23	13	0.2
(5,2068)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	1	0.2
(5,2068)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	1	0.2
(5,2068)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	1	0.2
(5,2068)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	1	0.2
(5,2068)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	1	0.2
(5,2068)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	1	0.2
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	8	0.2
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	8	0.2
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	8	0.2
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	8	0.2
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	8	0.2
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	8	0.2
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG11	16	0.2
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG12	16	0.2
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG13	16	0.2
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG21	16	0.2
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG22	16	0.2
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG23	16	0.2
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG11	16	0.2
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG12	16	0.2
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG13	16	0.2
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG21	16	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG22	16	0.2
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG23	16	0.2
(5,1959)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	4	0.2
(5,1959)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	4	0.2
(5,1959)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	4	0.2
(5,1959)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	4	0.2
(5,1900)	1:18:A:PHE:HD1	1:131:A:LEU:HD11	13	0.2
(5,1900)	1:18:A:PHE:HD1	1:131:A:LEU:HD12	13	0.2
(5,1900)	1:18:A:PHE:HD1	1:131:A:LEU:HD13	13	0.2
(5,1900)	1:18:A:PHE:HD2	1:131:A:LEU:HD11	13	0.2
(5,1900)	1:18:A:PHE:HD2	1:131:A:LEU:HD12	13	0.2
(5,1900)	1:18:A:PHE:HD2	1:131:A:LEU:HD13	13	0.2
(5,1882)	1:9:A:PHE:HZ	1:11:A:ILE:HA	2	0.2
(5,1821)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	1	0.2
(5,1821)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	1	0.2
(5,1821)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	1	0.2
(5,1821)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	1	0.2
(5,1821)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	1	0.2
(5,1821)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	1	0.2
(5,1799)	1:101:A:ILE:HG21	1:102:A:PRO:HA	5	0.2
(5,1799)	1:101:A:ILE:HG22	1:102:A:PRO:HA	5	0.2
(5,1799)	1:101:A:ILE:HG23	1:102:A:PRO:HA	5	0.2
(5,1758)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	5	0.2
(5,1758)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	5	0.2
(5,1758)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	5	0.2
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG21	14	0.2
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG22	14	0.2
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG23	14	0.2
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG21	14	0.2
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG22	14	0.2
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG23	14	0.2
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG21	14	0.2
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG22	14	0.2
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG23	14	0.2
(5,1724)	1:34:A:LYS:HA	1:35:A:LEU:HB3	18	0.2
(5,1664)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	13	0.2
(5,1664)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	13	0.2
(5,1664)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	13	0.2
(5,1664)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	13	0.2
(5,1664)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	13	0.2
(5,1664)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	13	0.2
(5,1652)	1:26:A:ASP:HA	1:27:A:ARG:HB2	9	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1632)	1:23:A:LEU:HB2	1:24:A:ASP:HA	11	0.2
(5,1632)	1:23:A:LEU:HB3	1:24:A:ASP:HA	11	0.2
(5,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE1	19	0.2
(5,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE2	19	0.2
(5,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE3	19	0.2
(5,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE1	19	0.2
(5,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE2	19	0.2
(5,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE3	19	0.2
(5,1436)	1:69:A:MET:HA	1:73:A:ILE:HG21	7	0.2
(5,1436)	1:69:A:MET:HA	1:73:A:ILE:HG22	7	0.2
(5,1436)	1:69:A:MET:HA	1:73:A:ILE:HG23	7	0.2
(5,1391)	1:46:A:ASN:HB3	1:134:A:VAL:HG21	5	0.2
(5,1391)	1:46:A:ASN:HB3	1:134:A:VAL:HG22	5	0.2
(5,1391)	1:46:A:ASN:HB3	1:134:A:VAL:HG23	5	0.2
(5,1380)	1:39:A:VAL:HG11	1:41:A:LYS:H	4	0.2
(5,1380)	1:39:A:VAL:HG12	1:41:A:LYS:H	4	0.2
(5,1380)	1:39:A:VAL:HG13	1:41:A:LYS:H	4	0.2
(5,1371)	1:24:A:ASP:HB2	1:25:A:ALA:HA	16	0.2
(5,1371)	1:24:A:ASP:HB3	1:25:A:ALA:HA	16	0.2
(5,1364)	1:125:A:THR:HG21	1:128:A:LEU:HB2	13	0.2
(5,1364)	1:125:A:THR:HG22	1:128:A:LEU:HB2	13	0.2
(5,1364)	1:125:A:THR:HG23	1:128:A:LEU:HB2	13	0.2
(5,1358)	1:103:A:ARG:HG2	1:106:A:ASP:HA	15	0.2
(5,1358)	1:103:A:ARG:HG3	1:106:A:ASP:HA	15	0.2
(5,1290)	1:44:A:GLU:HB2	1:45:A:ALA:HA	17	0.2
(5,1290)	1:44:A:GLU:HB3	1:45:A:ALA:HA	17	0.2
(5,1139)	1:40:A:LEU:HA	1:40:A:LEU:HD21	18	0.2
(5,1139)	1:40:A:LEU:HA	1:40:A:LEU:HD22	18	0.2
(5,1139)	1:40:A:LEU:HA	1:40:A:LEU:HD23	18	0.2
(5,1122)	1:129:A:LYS:HA	1:132:A:ALA:HB1	2	0.2
(5,1122)	1:129:A:LYS:HA	1:132:A:ALA:HB2	2	0.2
(5,1122)	1:129:A:LYS:HA	1:132:A:ALA:HB3	2	0.2
(5,1083)	1:44:A:GLU:HA	1:48:A:ARG:HB2	19	0.2
(5,1083)	1:44:A:GLU:HA	1:48:A:ARG:HB3	19	0.2
(5,1080)	1:54:A:ARG:HA	1:57:A:LEU:HB3	5	0.2
(5,1067)	1:95:A:ILE:HA	1:96:A:VAL:HB	18	0.2
(5,1056)	1:111:A:GLU:HA	1:114:A:ILE:HG12	16	0.2
(5,1001)	1:98:A:ILE:HB	1:105:A:LYS:HB2	13	0.2
(5,1001)	1:98:A:ILE:HB	1:105:A:LYS:HB3	13	0.2
(5,992)	1:63:A:ILE:HA	1:64:A:LYS:HD2	12	0.2
(5,992)	1:63:A:ILE:HA	1:64:A:LYS:HD3	12	0.2
(5,957)	1:96:A:VAL:HB	1:97:A:ASP:H	12	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,957)	1:96:A:VAL:HB	1:97:A:ASP:H	13	0.2
(5,957)	1:96:A:VAL:HB	1:97:A:ASP:H	16	0.2
(5,955)	1:11:A:ILE:HG21	1:43:A:MET:HG2	4	0.2
(5,955)	1:11:A:ILE:HG22	1:43:A:MET:HG2	4	0.2
(5,955)	1:11:A:ILE:HG23	1:43:A:MET:HG2	4	0.2
(5,914)	1:43:A:MET:HA	1:44:A:GLU:HG2	14	0.2
(5,909)	1:19:A:ALA:HB1	1:20:A:THR:HB	6	0.2
(5,909)	1:19:A:ALA:HB2	1:20:A:THR:HB	6	0.2
(5,909)	1:19:A:ALA:HB3	1:20:A:THR:HB	6	0.2
(5,836)	1:45:A:ALA:HA	1:48:A:ARG:HD2	14	0.2
(5,836)	1:45:A:ALA:HA	1:48:A:ARG:HD3	14	0.2
(5,807)	1:95:A:ILE:HA	1:95:A:ILE:HD11	15	0.2
(5,807)	1:95:A:ILE:HA	1:95:A:ILE:HD12	15	0.2
(5,807)	1:95:A:ILE:HA	1:95:A:ILE:HD13	15	0.2
(5,788)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	3	0.2
(5,788)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	3	0.2
(5,788)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	3	0.2
(5,788)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	3	0.2
(5,788)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	3	0.2
(5,788)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	3	0.2
(5,782)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	16	0.2
(5,782)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	16	0.2
(5,782)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	16	0.2
(5,750)	1:38:A:GLU:H	1:41:A:LYS:HG2	18	0.2
(5,703)	1:23:A:LEU:HB2	1:25:A:ALA:H	8	0.2
(5,703)	1:23:A:LEU:HB3	1:25:A:ALA:H	8	0.2
(5,641)	1:66:A:THR:H	1:70:A:LYS:H	17	0.2
(5,640)	1:66:A:THR:H	1:68:A:LYS:H	2	0.2
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD21	13	0.2
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD22	13	0.2
(5,615)	1:26:A:ASP:H	1:30:A:LEU:HD23	13	0.2
(5,609)	1:55:A:GLY:H	1:58:A:ILE:HB	2	0.2
(5,554)	1:116:A:GLN:H	1:116:A:GLN:HE22	8	0.2
(5,464)	1:14:A:VAL:H	1:61:A:SER:HA	19	0.2
(5,347)	1:102:A:PRO:HA	1:104:A:PHE:H	14	0.2
(5,347)	1:102:A:PRO:HA	1:104:A:PHE:H	15	0.2
(5,329)	1:57:A:LEU:H	1:58:A:ILE:HB	6	0.2
(5,266)	1:112:A:GLN:H	1:112:A:GLN:HE21	14	0.2
(5,242)	1:58:A:ILE:H	1:58:A:ILE:HD11	4	0.2
(5,242)	1:58:A:ILE:H	1:58:A:ILE:HD12	4	0.2
(5,242)	1:58:A:ILE:H	1:58:A:ILE:HD13	4	0.2
(5,144)	1:131:A:LEU:H	1:131:A:LEU:HG	4	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,120)	1:80:A:TYR:H	1:80:A:TYR:HB3	5	0.2
(5,120)	1:80:A:TYR:H	1:80:A:TYR:HB2	5	0.2
(5,8)	1:63:A:ILE:HG13	1:64:A:LYS:H	14	0.2
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD21	14	0.2
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD22	14	0.2
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD23	14	0.2
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD21	14	0.2
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD22	14	0.2
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD23	14	0.2
(4,2335)	1:107:A:LEU:HD11	1:115:A:ALA:H	14	0.2
(4,2335)	1:107:A:LEU:HD12	1:115:A:ALA:H	14	0.2
(4,2335)	1:107:A:LEU:HD13	1:115:A:ALA:H	14	0.2
(4,2335)	1:107:A:LEU:HD21	1:115:A:ALA:H	14	0.2
(4,2335)	1:107:A:LEU:HD22	1:115:A:ALA:H	14	0.2
(4,2335)	1:107:A:LEU:HD23	1:115:A:ALA:H	14	0.2
(4,2327)	1:107:A:LEU:HD11	1:108:A:GLU:H	5	0.2
(4,2327)	1:107:A:LEU:HD12	1:108:A:GLU:H	5	0.2
(4,2327)	1:107:A:LEU:HD13	1:108:A:GLU:H	5	0.2
(4,2327)	1:107:A:LEU:HD21	1:108:A:GLU:H	5	0.2
(4,2327)	1:107:A:LEU:HD22	1:108:A:GLU:H	5	0.2
(4,2327)	1:107:A:LEU:HD23	1:108:A:GLU:H	5	0.2
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD11	6	0.2
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD12	6	0.2
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD13	6	0.2
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD21	6	0.2
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD22	6	0.2
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD23	6	0.2
(4,2320)	1:105:A:LYS:HG2	1:106:A:ASP:HA	17	0.2
(4,2320)	1:105:A:LYS:HG3	1:106:A:ASP:HA	17	0.2
(4,2304)	1:101:A:ILE:HG13	1:119:A:LEU:HD11	19	0.2
(4,2304)	1:101:A:ILE:HG13	1:119:A:LEU:HD12	19	0.2
(4,2304)	1:101:A:ILE:HG13	1:119:A:LEU:HD13	19	0.2
(4,2304)	1:101:A:ILE:HG13	1:119:A:LEU:HD21	19	0.2
(4,2304)	1:101:A:ILE:HG13	1:119:A:LEU:HD22	19	0.2
(4,2304)	1:101:A:ILE:HG13	1:119:A:LEU:HD23	19	0.2
(4,2282)	1:96:A:VAL:HG11	1:104:A:PHE:HE1	6	0.2
(4,2282)	1:96:A:VAL:HG11	1:104:A:PHE:HE2	6	0.2
(4,2282)	1:96:A:VAL:HG12	1:104:A:PHE:HE1	6	0.2
(4,2282)	1:96:A:VAL:HG12	1:104:A:PHE:HE2	6	0.2
(4,2282)	1:96:A:VAL:HG13	1:104:A:PHE:HE1	6	0.2
(4,2282)	1:96:A:VAL:HG13	1:104:A:PHE:HE2	6	0.2
(4,2282)	1:96:A:VAL:HG21	1:104:A:PHE:HE1	6	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2282)	1:96:A:VAL:HG21	1:104:A:PHE:HE2	6	0.2
(4,2282)	1:96:A:VAL:HG22	1:104:A:PHE:HE1	6	0.2
(4,2282)	1:96:A:VAL:HG22	1:104:A:PHE:HE2	6	0.2
(4,2282)	1:96:A:VAL:HG23	1:104:A:PHE:HE1	6	0.2
(4,2282)	1:96:A:VAL:HG23	1:104:A:PHE:HE2	6	0.2
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG11	10	0.2
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG12	10	0.2
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG13	10	0.2
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG21	10	0.2
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG22	10	0.2
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG23	10	0.2
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG11	18	0.2
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG12	18	0.2
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG13	18	0.2
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG21	18	0.2
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG22	18	0.2
(4,2273)	1:94:A:ALA:HA	1:96:A:VAL:HG23	18	0.2
(4,2259)	1:73:A:ILE:HG21	1:113:A:PHE:HB2	8	0.2
(4,2259)	1:73:A:ILE:HG21	1:113:A:PHE:HB3	8	0.2
(4,2259)	1:73:A:ILE:HG22	1:113:A:PHE:HB2	8	0.2
(4,2259)	1:73:A:ILE:HG22	1:113:A:PHE:HB3	8	0.2
(4,2259)	1:73:A:ILE:HG23	1:113:A:PHE:HB2	8	0.2
(4,2259)	1:73:A:ILE:HG23	1:113:A:PHE:HB3	8	0.2
(4,2253)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	5	0.2
(4,2253)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	5	0.2
(4,2244)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	4	0.2
(4,2244)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	4	0.2
(4,2244)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	4	0.2
(4,2244)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	4	0.2
(4,2244)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	18	0.2
(4,2244)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	18	0.2
(4,2244)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	18	0.2
(4,2244)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	18	0.2
(4,2189)	1:57:A:LEU:HD11	1:60:A:LEU:H	2	0.2
(4,2189)	1:57:A:LEU:HD12	1:60:A:LEU:H	2	0.2
(4,2189)	1:57:A:LEU:HD13	1:60:A:LEU:H	2	0.2
(4,2189)	1:57:A:LEU:HD21	1:60:A:LEU:H	2	0.2
(4,2189)	1:57:A:LEU:HD22	1:60:A:LEU:H	2	0.2
(4,2189)	1:57:A:LEU:HD23	1:60:A:LEU:H	2	0.2
(4,2125)	1:40:A:LEU:HD11	1:44:A:GLU:H	4	0.2
(4,2125)	1:40:A:LEU:HD12	1:44:A:GLU:H	4	0.2
(4,2125)	1:40:A:LEU:HD13	1:44:A:GLU:H	4	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2125)	1:40:A:LEU:HD21	1:44:A:GLU:H	4	0.2
(4,2125)	1:40:A:LEU:HD22	1:44:A:GLU:H	4	0.2
(4,2125)	1:40:A:LEU:HD23	1:44:A:GLU:H	4	0.2
(4,2121)	1:40:A:LEU:HD11	1:41:A:LYS:H	19	0.2
(4,2121)	1:40:A:LEU:HD12	1:41:A:LYS:H	19	0.2
(4,2121)	1:40:A:LEU:HD13	1:41:A:LYS:H	19	0.2
(4,2121)	1:40:A:LEU:HD21	1:41:A:LYS:H	19	0.2
(4,2121)	1:40:A:LEU:HD22	1:41:A:LYS:H	19	0.2
(4,2121)	1:40:A:LEU:HD23	1:41:A:LYS:H	19	0.2
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD11	18	0.2
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD12	18	0.2
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD13	18	0.2
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD21	18	0.2
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD22	18	0.2
(4,2043)	1:27:A:ARG:HA	1:30:A:LEU:HD23	18	0.2
(4,2034)	1:23:A:LEU:HD11	1:24:A:ASP:H	5	0.2
(4,2034)	1:23:A:LEU:HD12	1:24:A:ASP:H	5	0.2
(4,2034)	1:23:A:LEU:HD13	1:24:A:ASP:H	5	0.2
(4,2034)	1:23:A:LEU:HD21	1:24:A:ASP:H	5	0.2
(4,2034)	1:23:A:LEU:HD22	1:24:A:ASP:H	5	0.2
(4,2034)	1:23:A:LEU:HD23	1:24:A:ASP:H	5	0.2
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD11	11	0.2
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD12	11	0.2
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD13	11	0.2
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD21	11	0.2
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD22	11	0.2
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD23	11	0.2
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD11	3	0.2
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD12	3	0.2
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD13	3	0.2
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD21	3	0.2
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD22	3	0.2
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD23	3	0.2
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD11	1	0.2
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD12	1	0.2
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD13	1	0.2
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD21	1	0.2
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD22	1	0.2
(4,2024)	1:19:A:ALA:HB1	1:23:A:LEU:HD23	1	0.2
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD11	1	0.2
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD12	1	0.2
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD13	1	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD21	1	0.2
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD22	1	0.2
(4,2024)	1:19:A:ALA:HB2	1:23:A:LEU:HD23	1	0.2
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD11	1	0.2
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD12	1	0.2
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD13	1	0.2
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD21	1	0.2
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD22	1	0.2
(4,2024)	1:19:A:ALA:HB3	1:23:A:LEU:HD23	1	0.2
(4,1988)	1:14:A:VAL:HG11	1:61:A:SER:HB2	17	0.2
(4,1988)	1:14:A:VAL:HG11	1:61:A:SER:HB3	17	0.2
(4,1988)	1:14:A:VAL:HG12	1:61:A:SER:HB2	17	0.2
(4,1988)	1:14:A:VAL:HG12	1:61:A:SER:HB3	17	0.2
(4,1988)	1:14:A:VAL:HG13	1:61:A:SER:HB2	17	0.2
(4,1988)	1:14:A:VAL:HG13	1:61:A:SER:HB3	17	0.2
(4,1988)	1:14:A:VAL:HG21	1:61:A:SER:HB2	17	0.2
(4,1988)	1:14:A:VAL:HG21	1:61:A:SER:HB3	17	0.2
(4,1988)	1:14:A:VAL:HG22	1:61:A:SER:HB2	17	0.2
(4,1988)	1:14:A:VAL:HG22	1:61:A:SER:HB3	17	0.2
(4,1988)	1:14:A:VAL:HG23	1:61:A:SER:HB2	17	0.2
(4,1988)	1:14:A:VAL:HG23	1:61:A:SER:HB3	17	0.2
(4,1980)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	4	0.2
(4,1980)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	4	0.2
(4,1980)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	4	0.2
(4,1980)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	4	0.2
(4,1980)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	4	0.2
(4,1980)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	4	0.2
(4,1980)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	4	0.2
(4,1980)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	4	0.2
(4,1980)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	4	0.2
(4,1980)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	4	0.2
(4,1980)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	4	0.2
(4,1980)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	4	0.2
(4,1867)	1:18:A:PHE:HE1	1:61:A:SER:H	8	0.2
(4,1867)	1:18:A:PHE:HE2	1:61:A:SER:H	8	0.2
(4,1859)	1:104:A:PHE:HE1	1:105:A:LYS:H	4	0.2
(4,1859)	1:104:A:PHE:HE2	1:105:A:LYS:H	4	0.2
(4,1854)	1:14:A:VAL:HA	1:18:A:PHE:HD1	8	0.2
(4,1854)	1:14:A:VAL:HA	1:18:A:PHE:HD2	8	0.2
(4,1798)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	3	0.2
(4,1798)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	3	0.2
(4,1798)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	7	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1798)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	7	0.2
(4,1787)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	8	0.2
(4,1787)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	8	0.2
(4,1787)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	8	0.2
(4,1787)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	8	0.2
(4,1773)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	1	0.2
(4,1773)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	1	0.2
(4,1773)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	1	0.2
(4,1773)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	1	0.2
(4,1773)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	1	0.2
(4,1773)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	1	0.2
(4,1771)	1:72:A:PHE:HD1	1:109:A:PRO:HB2	14	0.2
(4,1771)	1:72:A:PHE:HD1	1:109:A:PRO:HB3	14	0.2
(4,1771)	1:72:A:PHE:HD2	1:109:A:PRO:HB2	14	0.2
(4,1771)	1:72:A:PHE:HD2	1:109:A:PRO:HB3	14	0.2
(4,1759)	1:54:A:ARG:HA	1:57:A:LEU:HB3	5	0.2
(4,1754)	1:101:A:ILE:HG21	1:102:A:PRO:HA	5	0.2
(4,1754)	1:101:A:ILE:HG22	1:102:A:PRO:HA	5	0.2
(4,1754)	1:101:A:ILE:HG23	1:102:A:PRO:HA	5	0.2
(4,1713)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	5	0.2
(4,1713)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	5	0.2
(4,1713)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	5	0.2
(4,1681)	1:34:A:LYS:HA	1:35:A:LEU:HB3	18	0.2
(4,1663)	1:69:A:MET:HA	1:109:A:PRO:HA	1	0.2
(4,1655)	1:125:A:THR:HA	1:128:A:LEU:HA	12	0.2
(4,1576)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	10	0.2
(4,1576)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	10	0.2
(4,1576)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	10	0.2
(4,1576)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	10	0.2
(4,1576)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	10	0.2
(4,1576)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	10	0.2
(4,1562)	1:101:A:ILE:HD11	1:112:A:GLN:HA	16	0.2
(4,1562)	1:101:A:ILE:HD12	1:112:A:GLN:HA	16	0.2
(4,1562)	1:101:A:ILE:HD13	1:112:A:GLN:HA	16	0.2
(4,1544)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	13	0.2
(4,1544)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	13	0.2
(4,1544)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	13	0.2
(4,1544)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	13	0.2
(4,1544)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	13	0.2
(4,1544)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	13	0.2
(4,1520)	1:76:A:ARG:HE	1:110:A:MET:HE1	16	0.2
(4,1520)	1:76:A:ARG:HE	1:110:A:MET:HE2	16	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1520)	1:76:A:ARG:HE	1:110:A:MET:HE3	16	0.2
(4,1502)	1:110:A:MET:HE1	1:113:A:PHE:HE1	5	0.2
(4,1502)	1:110:A:MET:HE1	1:113:A:PHE:HE2	5	0.2
(4,1502)	1:110:A:MET:HE2	1:113:A:PHE:HE1	5	0.2
(4,1502)	1:110:A:MET:HE2	1:113:A:PHE:HE2	5	0.2
(4,1502)	1:110:A:MET:HE3	1:113:A:PHE:HE1	5	0.2
(4,1502)	1:110:A:MET:HE3	1:113:A:PHE:HE2	5	0.2
(4,1478)	1:114:A:ILE:HG21	1:117:A:VAL:HB	10	0.2
(4,1478)	1:114:A:ILE:HG22	1:117:A:VAL:HB	10	0.2
(4,1478)	1:114:A:ILE:HG23	1:117:A:VAL:HB	10	0.2
(4,1462)	1:101:A:ILE:HG21	1:115:A:ALA:HA	11	0.2
(4,1462)	1:101:A:ILE:HG22	1:115:A:ALA:HA	11	0.2
(4,1462)	1:101:A:ILE:HG23	1:115:A:ALA:HA	11	0.2
(4,1369)	1:19:A:ALA:HB1	1:21:A:THR:H	11	0.2
(4,1369)	1:19:A:ALA:HB2	1:21:A:THR:H	11	0.2
(4,1369)	1:19:A:ALA:HB3	1:21:A:THR:H	11	0.2
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG11	13	0.2
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG12	13	0.2
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG13	13	0.2
(4,1321)	1:103:A:ARG:HG2	1:106:A:ASP:HA	15	0.2
(4,1321)	1:103:A:ARG:HG3	1:106:A:ASP:HA	15	0.2
(4,1313)	1:64:A:LYS:HA	1:64:A:LYS:HD2	4	0.2
(4,1313)	1:64:A:LYS:HA	1:64:A:LYS:HD3	4	0.2
(4,1269)	1:128:A:LEU:HD21	1:129:A:LYS:H	12	0.2
(4,1269)	1:128:A:LEU:HD22	1:129:A:LYS:H	12	0.2
(4,1269)	1:128:A:LEU:HD23	1:129:A:LYS:H	12	0.2
(4,1245)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	8	0.2
(4,1245)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	8	0.2
(4,1245)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	8	0.2
(4,1245)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	8	0.2
(4,1245)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	8	0.2
(4,1245)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	8	0.2
(4,1198)	1:137:A:SER:HA	1:138:A:ASP:HB2	17	0.2
(4,1198)	1:137:A:SER:HA	1:138:A:ASP:HB3	17	0.2
(4,1088)	1:18:A:PHE:HA	1:113:A:PHE:HZ	13	0.2
(4,1065)	1:48:A:ARG:HG2	1:49:A:LYS:HA	10	0.2
(4,1065)	1:48:A:ARG:HG3	1:49:A:LYS:HA	10	0.2
(4,1003)	1:149:A:ALA:HB1	1:150:A:THR:HA	16	0.2
(4,1003)	1:149:A:ALA:HB2	1:150:A:THR:HA	16	0.2
(4,1003)	1:149:A:ALA:HB3	1:150:A:THR:HA	16	0.2
(4,864)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	10	0.2
(4,864)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	10	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,864)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	10	0.2
(4,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	8	0.2
(4,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	8	0.2
(4,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	8	0.2
(4,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	8	0.2
(4,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	8	0.2
(4,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	8	0.2
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	4	0.2
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	4	0.2
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	4	0.2
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	4	0.2
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	4	0.2
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	4	0.2
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	4	0.2
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	4	0.2
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	4	0.2
(4,761)	1:101:A:ILE:HD11	1:119:A:LEU:HA	19	0.2
(4,761)	1:101:A:ILE:HD12	1:119:A:LEU:HA	19	0.2
(4,761)	1:101:A:ILE:HD13	1:119:A:LEU:HA	19	0.2
(4,748)	1:32:A:GLY:HA2	1:34:A:LYS:H	3	0.2
(4,742)	1:38:A:GLU:H	1:41:A:LYS:HG2	18	0.2
(4,581)	1:70:A:LYS:HB2	1:75:A:GLY:H	2	0.2
(4,581)	1:70:A:LYS:HB3	1:75:A:GLY:H	2	0.2
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB2	1	0.2
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB3	1	0.2
(4,464)	1:14:A:VAL:H	1:61:A:SER:HA	19	0.2
(4,342)	1:102:A:PRO:HA	1:104:A:PHE:H	14	0.2
(4,342)	1:102:A:PRO:HA	1:104:A:PHE:H	15	0.2
(4,252)	1:27:A:ARG:HA	1:29:A:LYS:H	10	0.2
(4,171)	1:8:A:ASP:H	1:58:A:ILE:HG13	3	0.2
(4,69)	1:13:A:ALA:HB1	1:81:A:GLU:H	11	0.2
(4,69)	1:13:A:ALA:HB2	1:81:A:GLU:H	11	0.2
(4,69)	1:13:A:ALA:HB3	1:81:A:GLU:H	11	0.2
(4,8)	1:63:A:ILE:HG13	1:64:A:LYS:H	14	0.2
(4,1)	1:143:A:TRP:HA	1:143:A:TRP:HE1	4	0.2
(3,2319)	1:96:A:VAL:HG11	1:104:A:PHE:HE1	6	0.2
(3,2319)	1:96:A:VAL:HG11	1:104:A:PHE:HE2	6	0.2
(3,2319)	1:96:A:VAL:HG12	1:104:A:PHE:HE1	6	0.2
(3,2319)	1:96:A:VAL:HG12	1:104:A:PHE:HE2	6	0.2
(3,2319)	1:96:A:VAL:HG13	1:104:A:PHE:HE1	6	0.2
(3,2319)	1:96:A:VAL:HG13	1:104:A:PHE:HE2	6	0.2
(3,2319)	1:96:A:VAL:HG21	1:104:A:PHE:HE1	6	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2319)	1:96:A:VAL:HG21	1:104:A:PHE:HE2	6	0.2
(3,2319)	1:96:A:VAL:HG22	1:104:A:PHE:HE1	6	0.2
(3,2319)	1:96:A:VAL:HG22	1:104:A:PHE:HE2	6	0.2
(3,2319)	1:96:A:VAL:HG23	1:104:A:PHE:HE1	6	0.2
(3,2319)	1:96:A:VAL:HG23	1:104:A:PHE:HE2	6	0.2
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD11	9	0.2
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD12	9	0.2
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD13	9	0.2
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD11	9	0.2
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD12	9	0.2
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD13	9	0.2
(3,2302)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	10	0.2
(3,2302)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	10	0.2
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD2	19	0.2
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD3	19	0.2
(3,2170)	1:43:A:MET:HG2	1:144:A:LEU:HD21	17	0.2
(3,2170)	1:43:A:MET:HG2	1:144:A:LEU:HD22	17	0.2
(3,2170)	1:43:A:MET:HG2	1:144:A:LEU:HD23	17	0.2
(3,2170)	1:43:A:MET:HG3	1:144:A:LEU:HD21	17	0.2
(3,2170)	1:43:A:MET:HG3	1:144:A:LEU:HD22	17	0.2
(3,2170)	1:43:A:MET:HG3	1:144:A:LEU:HD23	17	0.2
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG11	17	0.2
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG12	17	0.2
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG13	17	0.2
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG21	17	0.2
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG22	17	0.2
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG23	17	0.2
(3,2119)	1:38:A:GLU:H	1:139:A:LEU:HD11	3	0.2
(3,2119)	1:38:A:GLU:H	1:139:A:LEU:HD12	3	0.2
(3,2119)	1:38:A:GLU:H	1:139:A:LEU:HD13	3	0.2
(3,2119)	1:38:A:GLU:H	1:139:A:LEU:HD21	3	0.2
(3,2119)	1:38:A:GLU:H	1:139:A:LEU:HD22	3	0.2
(3,2119)	1:38:A:GLU:H	1:139:A:LEU:HD23	3	0.2
(3,2025)	1:14:A:VAL:HG11	1:61:A:SER:HB2	17	0.2
(3,2025)	1:14:A:VAL:HG11	1:61:A:SER:HB3	17	0.2
(3,2025)	1:14:A:VAL:HG12	1:61:A:SER:HB2	17	0.2
(3,2025)	1:14:A:VAL:HG12	1:61:A:SER:HB3	17	0.2
(3,2025)	1:14:A:VAL:HG13	1:61:A:SER:HB2	17	0.2
(3,2025)	1:14:A:VAL:HG13	1:61:A:SER:HB3	17	0.2
(3,2025)	1:14:A:VAL:HG21	1:61:A:SER:HB2	17	0.2
(3,2025)	1:14:A:VAL:HG21	1:61:A:SER:HB3	17	0.2
(3,2025)	1:14:A:VAL:HG22	1:61:A:SER:HB2	17	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2025)	1:14:A:VAL:HG22	1:61:A:SER:HB3	17	0.2
(3,2025)	1:14:A:VAL:HG23	1:61:A:SER:HB2	17	0.2
(3,2025)	1:14:A:VAL:HG23	1:61:A:SER:HB3	17	0.2
(3,1946)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	3	0.2
(3,1946)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	3	0.2
(3,1946)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	3	0.2
(3,1911)	1:104:A:PHE:HE1	1:105:A:LYS:H	4	0.2
(3,1911)	1:104:A:PHE:HE2	1:105:A:LYS:H	4	0.2
(3,1904)	1:14:A:VAL:HA	1:18:A:PHE:HD1	19	0.2
(3,1904)	1:14:A:VAL:HA	1:18:A:PHE:HD2	19	0.2
(3,1893)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	17	0.2
(3,1893)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	17	0.2
(3,1883)	1:9:A:PHE:HZ	1:11:A:ILE:HA	2	0.2
(3,1873)	1:13:A:ALA:HA	1:80:A:TYR:HE1	9	0.2
(3,1873)	1:13:A:ALA:HA	1:80:A:TYR:HE2	9	0.2
(3,1867)	1:61:A:SER:H	1:62:A:HIS:HD2	13	0.2
(3,1854)	1:9:A:PHE:HZ	1:57:A:LEU:HA	19	0.2
(3,1823)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	1	0.2
(3,1823)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	1	0.2
(3,1823)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	1	0.2
(3,1823)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	1	0.2
(3,1823)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	1	0.2
(3,1823)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	1	0.2
(3,1820)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	14	0.2
(3,1820)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	14	0.2
(3,1820)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	14	0.2
(3,1820)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	14	0.2
(3,1816)	1:13:A:ALA:HA	1:80:A:TYR:HD1	17	0.2
(3,1816)	1:13:A:ALA:HA	1:80:A:TYR:HD2	17	0.2
(3,1803)	1:101:A:ILE:HG21	1:102:A:PRO:HA	5	0.2
(3,1803)	1:101:A:ILE:HG22	1:102:A:PRO:HA	5	0.2
(3,1803)	1:101:A:ILE:HG23	1:102:A:PRO:HA	5	0.2
(3,1766)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	5	0.2
(3,1766)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	5	0.2
(3,1766)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	5	0.2
(3,1734)	1:34:A:LYS:HA	1:35:A:LEU:HB3	18	0.2
(3,1701)	1:110:A:MET:HB3	1:111:A:GLU:HB2	18	0.2
(3,1701)	1:110:A:MET:HB3	1:111:A:GLU:HB3	18	0.2
(3,1685)	1:134:A:VAL:HG21	1:137:A:SER:H	10	0.2
(3,1685)	1:134:A:VAL:HG22	1:137:A:SER:H	10	0.2
(3,1685)	1:134:A:VAL:HG23	1:137:A:SER:H	10	0.2
(3,1668)	1:26:A:ASP:HA	1:27:A:ARG:HB2	9	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1593)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	13	0.2
(3,1593)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	13	0.2
(3,1593)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	13	0.2
(3,1593)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	13	0.2
(3,1593)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	13	0.2
(3,1593)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	13	0.2
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD21	4	0.2
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD22	4	0.2
(3,1574)	1:12:A:VAL:HB	1:144:A:LEU:HD23	4	0.2
(3,1549)	1:69:A:MET:HE1	1:110:A:MET:HA	1	0.2
(3,1549)	1:69:A:MET:HE2	1:110:A:MET:HA	1	0.2
(3,1549)	1:69:A:MET:HE3	1:110:A:MET:HA	1	0.2
(3,1540)	1:69:A:MET:HE1	1:114:A:ILE:H	11	0.2
(3,1540)	1:69:A:MET:HE2	1:114:A:ILE:H	11	0.2
(3,1540)	1:69:A:MET:HE3	1:114:A:ILE:H	11	0.2
(3,1486)	1:11:A:ILE:HD11	1:15:A:ALA:HB1	18	0.2
(3,1486)	1:11:A:ILE:HD11	1:15:A:ALA:HB2	18	0.2
(3,1486)	1:11:A:ILE:HD11	1:15:A:ALA:HB3	18	0.2
(3,1486)	1:11:A:ILE:HD12	1:15:A:ALA:HB1	18	0.2
(3,1486)	1:11:A:ILE:HD12	1:15:A:ALA:HB2	18	0.2
(3,1486)	1:11:A:ILE:HD12	1:15:A:ALA:HB3	18	0.2
(3,1486)	1:11:A:ILE:HD13	1:15:A:ALA:HB1	18	0.2
(3,1486)	1:11:A:ILE:HD13	1:15:A:ALA:HB2	18	0.2
(3,1486)	1:11:A:ILE:HD13	1:15:A:ALA:HB3	18	0.2
(3,1430)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	5	0.2
(3,1430)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	5	0.2
(3,1430)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	5	0.2
(3,1430)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	5	0.2
(3,1430)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	5	0.2
(3,1430)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	5	0.2
(3,1380)	1:24:A:ASP:HB2	1:25:A:ALA:HA	16	0.2
(3,1380)	1:24:A:ASP:HB3	1:25:A:ALA:HA	16	0.2
(3,1357)	1:64:A:LYS:HA	1:64:A:LYS:HD2	4	0.2
(3,1357)	1:64:A:LYS:HA	1:64:A:LYS:HD3	4	0.2
(3,1248)	1:144:A:LEU:HD21	1:145:A:PRO:HD2	9	0.2
(3,1248)	1:144:A:LEU:HD22	1:145:A:PRO:HD2	9	0.2
(3,1248)	1:144:A:LEU:HD23	1:145:A:PRO:HD2	9	0.2
(3,1243)	1:137:A:SER:HA	1:138:A:ASP:HB2	17	0.2
(3,1243)	1:137:A:SER:HA	1:138:A:ASP:HB3	17	0.2
(3,1126)	1:18:A:PHE:HA	1:113:A:PHE:HZ	13	0.2
(3,1089)	1:54:A:ARG:HA	1:57:A:LEU:HD21	17	0.2
(3,1089)	1:54:A:ARG:HA	1:57:A:LEU:HD22	17	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1089)	1:54:A:ARG:HA	1:57:A:LEU:HD23	17	0.2
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD11	9	0.2
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD12	9	0.2
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD13	9	0.2
(3,1064)	1:111:A:GLU:HA	1:114:A:ILE:HG12	16	0.2
(3,1035)	1:149:A:ALA:HB1	1:150:A:THR:HA	16	0.2
(3,1035)	1:149:A:ALA:HB2	1:150:A:THR:HA	16	0.2
(3,1035)	1:149:A:ALA:HB3	1:150:A:THR:HA	16	0.2
(3,1015)	1:98:A:ILE:HB	1:105:A:LYS:HB2	13	0.2
(3,1015)	1:98:A:ILE:HB	1:105:A:LYS:HB3	13	0.2
(3,1008)	1:63:A:ILE:HA	1:64:A:LYS:HD2	12	0.2
(3,1008)	1:63:A:ILE:HA	1:64:A:LYS:HD3	12	0.2
(3,1003)	1:105:A:LYS:HD2	1:107:A:LEU:H	9	0.2
(3,1003)	1:105:A:LYS:HD3	1:107:A:LEU:H	9	0.2
(3,973)	1:96:A:VAL:HB	1:97:A:ASP:H	12	0.2
(3,973)	1:96:A:VAL:HB	1:97:A:ASP:H	13	0.2
(3,973)	1:96:A:VAL:HB	1:97:A:ASP:H	16	0.2
(3,911)	1:95:A:ILE:H	1:95:A:ILE:HB	18	0.2
(3,890)	1:72:A:PHE:HB3	1:73:A:ILE:HD11	3	0.2
(3,890)	1:72:A:PHE:HB3	1:73:A:ILE:HD12	3	0.2
(3,890)	1:72:A:PHE:HB3	1:73:A:ILE:HD13	3	0.2
(3,778)	1:101:A:ILE:HD11	1:118:A:ASP:HB3	14	0.2
(3,778)	1:101:A:ILE:HD12	1:118:A:ASP:HB3	14	0.2
(3,778)	1:101:A:ILE:HD13	1:118:A:ASP:HB3	14	0.2
(3,766)	1:38:A:GLU:H	1:41:A:LYS:HG2	18	0.2
(3,638)	1:9:A:PHE:HZ	1:58:A:ILE:H	18	0.2
(3,619)	1:55:A:GLY:H	1:58:A:ILE:HB	2	0.2
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB2	1	0.2
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB3	1	0.2
(3,506)	1:68:A:LYS:H	1:71:A:LYS:H	15	0.2
(3,476)	1:14:A:VAL:H	1:61:A:SER:HA	19	0.2
(3,379)	1:40:A:LEU:HB2	1:41:A:LYS:H	10	0.2
(3,247)	1:58:A:ILE:H	1:58:A:ILE:HD11	4	0.2
(3,247)	1:58:A:ILE:H	1:58:A:ILE:HD12	4	0.2
(3,247)	1:58:A:ILE:H	1:58:A:ILE:HD13	4	0.2
(3,216)	1:44:A:GLU:HB2	1:48:A:ARG:H	11	0.2
(3,216)	1:44:A:GLU:HB3	1:48:A:ARG:H	11	0.2
(3,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	17	0.2
(3,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	17	0.2
(3,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	17	0.2
(3,111)	1:21:A:THR:HB	1:22:A:ASP:H	2	0.2
(3,107)	1:22:A:ASP:H	1:25:A:ALA:HB1	6	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,107)	1:22:A:ASP:H	1:25:A:ALA:HB2	6	0.2
(3,107)	1:22:A:ASP:H	1:25:A:ALA:HB3	6	0.2
(3,45)	1:98:A:ILE:H	1:105:A:LYS:HA	5	0.2
(3,10)	1:63:A:ILE:HG13	1:64:A:LYS:H	14	0.2
(2,2349)	1:107:A:LEU:HD11	1:108:A:GLU:H	5	0.2
(2,2349)	1:107:A:LEU:HD12	1:108:A:GLU:H	5	0.2
(2,2349)	1:107:A:LEU:HD13	1:108:A:GLU:H	5	0.2
(2,2349)	1:107:A:LEU:HD21	1:108:A:GLU:H	5	0.2
(2,2349)	1:107:A:LEU:HD22	1:108:A:GLU:H	5	0.2
(2,2349)	1:107:A:LEU:HD23	1:108:A:GLU:H	5	0.2
(2,2343)	1:106:A:ASP:H	1:107:A:LEU:HD11	8	0.2
(2,2343)	1:106:A:ASP:H	1:107:A:LEU:HD12	8	0.2
(2,2343)	1:106:A:ASP:H	1:107:A:LEU:HD13	8	0.2
(2,2343)	1:106:A:ASP:H	1:107:A:LEU:HD21	8	0.2
(2,2343)	1:106:A:ASP:H	1:107:A:LEU:HD22	8	0.2
(2,2343)	1:106:A:ASP:H	1:107:A:LEU:HD23	8	0.2
(2,2325)	1:101:A:ILE:HG13	1:119:A:LEU:HD11	19	0.2
(2,2325)	1:101:A:ILE:HG13	1:119:A:LEU:HD12	19	0.2
(2,2325)	1:101:A:ILE:HG13	1:119:A:LEU:HD13	19	0.2
(2,2325)	1:101:A:ILE:HG13	1:119:A:LEU:HD21	19	0.2
(2,2325)	1:101:A:ILE:HG13	1:119:A:LEU:HD22	19	0.2
(2,2325)	1:101:A:ILE:HG13	1:119:A:LEU:HD23	19	0.2
(2,2309)	1:96:A:VAL:HG11	1:104:A:PHE:HE1	6	0.2
(2,2309)	1:96:A:VAL:HG11	1:104:A:PHE:HE2	6	0.2
(2,2309)	1:96:A:VAL:HG12	1:104:A:PHE:HE1	6	0.2
(2,2309)	1:96:A:VAL:HG12	1:104:A:PHE:HE2	6	0.2
(2,2309)	1:96:A:VAL:HG13	1:104:A:PHE:HE1	6	0.2
(2,2309)	1:96:A:VAL:HG13	1:104:A:PHE:HE2	6	0.2
(2,2309)	1:96:A:VAL:HG21	1:104:A:PHE:HE1	6	0.2
(2,2309)	1:96:A:VAL:HG21	1:104:A:PHE:HE2	6	0.2
(2,2309)	1:96:A:VAL:HG22	1:104:A:PHE:HE1	6	0.2
(2,2309)	1:96:A:VAL:HG22	1:104:A:PHE:HE2	6	0.2
(2,2309)	1:96:A:VAL:HG23	1:104:A:PHE:HE1	6	0.2
(2,2309)	1:96:A:VAL:HG23	1:104:A:PHE:HE2	6	0.2
(2,2276)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	4	0.2
(2,2276)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	4	0.2
(2,2276)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	4	0.2
(2,2276)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	4	0.2
(2,2276)	1:70:A:LYS:HG2	1:74:A:PRO:HB2	18	0.2
(2,2276)	1:70:A:LYS:HG2	1:74:A:PRO:HB3	18	0.2
(2,2276)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	18	0.2
(2,2276)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	18	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2228)	1:60:A:LEU:HD11	1:61:A:SER:HB2	16	0.2
(2,2228)	1:60:A:LEU:HD11	1:61:A:SER:HB3	16	0.2
(2,2228)	1:60:A:LEU:HD12	1:61:A:SER:HB2	16	0.2
(2,2228)	1:60:A:LEU:HD12	1:61:A:SER:HB3	16	0.2
(2,2228)	1:60:A:LEU:HD13	1:61:A:SER:HB2	16	0.2
(2,2228)	1:60:A:LEU:HD13	1:61:A:SER:HB3	16	0.2
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	15	0.2
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	15	0.2
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	15	0.2
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	15	0.2
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	15	0.2
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	15	0.2
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	15	0.2
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	15	0.2
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	15	0.2
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	15	0.2
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	15	0.2
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	15	0.2
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	15	0.2
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	15	0.2
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	15	0.2
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	15	0.2
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	15	0.2
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	15	0.2
(2,2115)	1:39:A:VAL:H	1:139:A:LEU:HD11	3	0.2
(2,2115)	1:39:A:VAL:H	1:139:A:LEU:HD12	3	0.2
(2,2115)	1:39:A:VAL:H	1:139:A:LEU:HD13	3	0.2
(2,2115)	1:39:A:VAL:H	1:139:A:LEU:HD21	3	0.2
(2,2115)	1:39:A:VAL:H	1:139:A:LEU:HD22	3	0.2
(2,2115)	1:39:A:VAL:H	1:139:A:LEU:HD23	3	0.2
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD11	2	0.2
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD12	2	0.2
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD13	2	0.2
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD21	2	0.2
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD22	2	0.2
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD23	2	0.2
(2,2077)	1:31:A:PRO:HD2	1:143:A:TRP:HA	11	0.2
(2,2077)	1:31:A:PRO:HD3	1:143:A:TRP:HA	11	0.2
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD11	11	0.2
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD12	11	0.2
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD13	11	0.2
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD21	11	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD22	11	0.2
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD23	11	0.2
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD11	11	0.2
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD12	11	0.2
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD13	11	0.2
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD21	11	0.2
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD22	11	0.2
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD23	11	0.2
(2,2058)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	3	0.2
(2,2058)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	3	0.2
(2,2058)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	3	0.2
(2,2058)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	3	0.2
(2,2058)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	3	0.2
(2,2058)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	3	0.2
(2,2058)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	3	0.2
(2,2058)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	3	0.2
(2,2058)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	3	0.2
(2,2058)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	3	0.2
(2,2058)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	3	0.2
(2,2058)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	3	0.2
(2,2008)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	15	0.2
(2,2008)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	15	0.2
(2,2008)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	15	0.2
(2,2008)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	15	0.2
(2,2008)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	15	0.2
(2,2008)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	15	0.2
(2,2008)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	15	0.2
(2,2008)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	15	0.2
(2,2008)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	15	0.2
(2,2008)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	15	0.2
(2,2008)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	15	0.2
(2,2008)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	15	0.2
(2,2008)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	15	0.2
(2,2008)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	15	0.2
(2,2008)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	15	0.2
(2,2008)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	15	0.2
(2,2008)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	15	0.2
(2,2008)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	15	0.2
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE1	16	0.2
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE2	16	0.2
(2,1994)	1:12:A:VAL:HG11	1:43:A:MET:HE3	16	0.2
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE1	16	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE2	16	0.2
(2,1994)	1:12:A:VAL:HG12	1:43:A:MET:HE3	16	0.2
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE1	16	0.2
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE2	16	0.2
(2,1994)	1:12:A:VAL:HG13	1:43:A:MET:HE3	16	0.2
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE1	16	0.2
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE2	16	0.2
(2,1994)	1:12:A:VAL:HG21	1:43:A:MET:HE3	16	0.2
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE1	16	0.2
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE2	16	0.2
(2,1994)	1:12:A:VAL:HG22	1:43:A:MET:HE3	16	0.2
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE1	16	0.2
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE2	16	0.2
(2,1994)	1:12:A:VAL:HG23	1:43:A:MET:HE3	16	0.2
(2,1976)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	9	0.2
(2,1976)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	9	0.2
(2,1976)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	9	0.2
(2,1976)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	9	0.2
(2,1976)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	9	0.2
(2,1976)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	9	0.2
(2,1910)	1:104:A:PHE:HE1	1:105:A:LYS:H	4	0.2
(2,1910)	1:104:A:PHE:HE2	1:105:A:LYS:H	4	0.2
(2,1812)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	12	0.2
(2,1812)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	12	0.2
(2,1812)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	12	0.2
(2,1812)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	12	0.2
(2,1792)	1:101:A:ILE:HG21	1:102:A:PRO:HA	5	0.2
(2,1792)	1:101:A:ILE:HG22	1:102:A:PRO:HA	5	0.2
(2,1792)	1:101:A:ILE:HG23	1:102:A:PRO:HA	5	0.2
(2,1756)	1:31:A:PRO:HB2	1:35:A:LEU:HA	9	0.2
(2,1756)	1:31:A:PRO:HB3	1:35:A:LEU:HA	9	0.2
(2,1752)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	5	0.2
(2,1752)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	5	0.2
(2,1752)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	5	0.2
(2,1720)	1:34:A:LYS:HA	1:35:A:LEU:HB3	18	0.2
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE1	17	0.2
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE2	17	0.2
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE3	17	0.2
(2,1689)	1:110:A:MET:HB3	1:111:A:GLU:HB2	18	0.2
(2,1689)	1:110:A:MET:HB3	1:111:A:GLU:HB3	18	0.2
(2,1665)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	19	0.2
(2,1665)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	19	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1665)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	19	0.2
(2,1665)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	19	0.2
(2,1665)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	19	0.2
(2,1665)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	19	0.2
(2,1655)	1:26:A:ASP:HA	1:27:A:ARG:HB2	9	0.2
(2,1610)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	10	0.2
(2,1610)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	10	0.2
(2,1610)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	10	0.2
(2,1610)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	10	0.2
(2,1610)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	10	0.2
(2,1610)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	10	0.2
(2,1580)	1:11:A:ILE:HD11	1:14:A:VAL:H	3	0.2
(2,1580)	1:11:A:ILE:HD12	1:14:A:VAL:H	3	0.2
(2,1580)	1:11:A:ILE:HD13	1:14:A:VAL:H	3	0.2
(2,1538)	1:76:A:ARG:HE	1:110:A:MET:HE1	16	0.2
(2,1538)	1:76:A:ARG:HE	1:110:A:MET:HE2	16	0.2
(2,1538)	1:76:A:ARG:HE	1:110:A:MET:HE3	16	0.2
(2,1535)	1:76:A:ARG:HG2	1:110:A:MET:HE1	19	0.2
(2,1535)	1:76:A:ARG:HG2	1:110:A:MET:HE2	19	0.2
(2,1535)	1:76:A:ARG:HG2	1:110:A:MET:HE3	19	0.2
(2,1535)	1:76:A:ARG:HG3	1:110:A:MET:HE1	19	0.2
(2,1535)	1:76:A:ARG:HG3	1:110:A:MET:HE2	19	0.2
(2,1535)	1:76:A:ARG:HG3	1:110:A:MET:HE3	19	0.2
(2,1517)	1:69:A:MET:HE1	1:114:A:ILE:H	11	0.2
(2,1517)	1:69:A:MET:HE2	1:114:A:ILE:H	11	0.2
(2,1517)	1:69:A:MET:HE3	1:114:A:ILE:H	11	0.2
(2,1500)	1:114:A:ILE:HG21	1:117:A:VAL:HB	10	0.2
(2,1500)	1:114:A:ILE:HG22	1:117:A:VAL:HB	10	0.2
(2,1500)	1:114:A:ILE:HG23	1:117:A:VAL:HB	10	0.2
(2,1470)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	1	0.2
(2,1470)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	1	0.2
(2,1470)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	1	0.2
(2,1441)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	3	0.2
(2,1441)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	3	0.2
(2,1441)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	3	0.2
(2,1441)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	3	0.2
(2,1441)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	3	0.2
(2,1441)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	3	0.2
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG21	14	0.2
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG22	14	0.2
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG23	14	0.2
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG21	14	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG22	14	0.2
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG23	14	0.2
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG21	14	0.2
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG22	14	0.2
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG23	14	0.2
(2,1395)	1:19:A:ALA:HB1	1:21:A:THR:HG21	2	0.2
(2,1395)	1:19:A:ALA:HB1	1:21:A:THR:HG22	2	0.2
(2,1395)	1:19:A:ALA:HB1	1:21:A:THR:HG23	2	0.2
(2,1395)	1:19:A:ALA:HB2	1:21:A:THR:HG21	2	0.2
(2,1395)	1:19:A:ALA:HB2	1:21:A:THR:HG22	2	0.2
(2,1395)	1:19:A:ALA:HB2	1:21:A:THR:HG23	2	0.2
(2,1395)	1:19:A:ALA:HB3	1:21:A:THR:HG21	2	0.2
(2,1395)	1:19:A:ALA:HB3	1:21:A:THR:HG22	2	0.2
(2,1395)	1:19:A:ALA:HB3	1:21:A:THR:HG23	2	0.2
(2,1365)	1:118:A:ASP:HA	1:121:A:VAL:HG11	4	0.2
(2,1365)	1:118:A:ASP:HA	1:121:A:VAL:HG12	4	0.2
(2,1365)	1:118:A:ASP:HA	1:121:A:VAL:HG13	4	0.2
(2,1351)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	8	0.2
(2,1351)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	8	0.2
(2,1351)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	8	0.2
(2,1351)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	8	0.2
(2,1351)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	8	0.2
(2,1351)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	8	0.2
(2,1339)	1:103:A:ARG:HG2	1:106:A:ASP:HA	15	0.2
(2,1339)	1:103:A:ARG:HG3	1:106:A:ASP:HA	15	0.2
(2,1329)	1:64:A:LYS:HA	1:64:A:LYS:HD2	4	0.2
(2,1329)	1:64:A:LYS:HA	1:64:A:LYS:HD3	4	0.2
(2,1293)	1:18:A:PHE:HZ	1:60:A:LEU:HD21	14	0.2
(2,1293)	1:18:A:PHE:HZ	1:60:A:LEU:HD22	14	0.2
(2,1293)	1:18:A:PHE:HZ	1:60:A:LEU:HD23	14	0.2
(2,1265)	1:113:A:PHE:HD1	1:117:A:VAL:HG21	2	0.2
(2,1265)	1:113:A:PHE:HD1	1:117:A:VAL:HG22	2	0.2
(2,1265)	1:113:A:PHE:HD1	1:117:A:VAL:HG23	2	0.2
(2,1265)	1:113:A:PHE:HD2	1:117:A:VAL:HG21	2	0.2
(2,1265)	1:113:A:PHE:HD2	1:117:A:VAL:HG22	2	0.2
(2,1265)	1:113:A:PHE:HD2	1:117:A:VAL:HG23	2	0.2
(2,1265)	1:113:A:PHE:HD1	1:117:A:VAL:HG21	15	0.2
(2,1265)	1:113:A:PHE:HD1	1:117:A:VAL:HG22	15	0.2
(2,1265)	1:113:A:PHE:HD1	1:117:A:VAL:HG23	15	0.2
(2,1265)	1:113:A:PHE:HD2	1:117:A:VAL:HG21	15	0.2
(2,1265)	1:113:A:PHE:HD2	1:117:A:VAL:HG22	15	0.2
(2,1265)	1:113:A:PHE:HD2	1:117:A:VAL:HG23	15	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1232)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	11	0.2
(2,1232)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	11	0.2
(2,1232)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	11	0.2
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD21	8	0.2
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD22	8	0.2
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD23	8	0.2
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD21	14	0.2
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD22	14	0.2
(2,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD23	14	0.2
(2,1152)	1:150:A:THR:HG21	1:151:A:PHE:HA	19	0.2
(2,1152)	1:150:A:THR:HG22	1:151:A:PHE:HA	19	0.2
(2,1152)	1:150:A:THR:HG23	1:151:A:PHE:HA	19	0.2
(2,1127)	1:144:A:LEU:HB2	1:144:A:LEU:HD21	1	0.2
(2,1127)	1:144:A:LEU:HB2	1:144:A:LEU:HD22	1	0.2
(2,1127)	1:144:A:LEU:HB2	1:144:A:LEU:HD23	1	0.2
(2,1127)	1:144:A:LEU:HB2	1:144:A:LEU:HD21	17	0.2
(2,1127)	1:144:A:LEU:HB2	1:144:A:LEU:HD22	17	0.2
(2,1127)	1:144:A:LEU:HB2	1:144:A:LEU:HD23	17	0.2
(2,1105)	1:129:A:LYS:HA	1:132:A:ALA:HB1	2	0.2
(2,1105)	1:129:A:LYS:HA	1:132:A:ALA:HB2	2	0.2
(2,1105)	1:129:A:LYS:HA	1:132:A:ALA:HB3	2	0.2
(2,1065)	1:54:A:ARG:HA	1:57:A:LEU:HB3	5	0.2
(2,1040)	1:111:A:GLU:HA	1:114:A:ILE:HG12	16	0.2
(2,985)	1:63:A:ILE:HA	1:64:A:LYS:HD2	16	0.2
(2,985)	1:63:A:ILE:HA	1:64:A:LYS:HD3	16	0.2
(2,950)	1:70:A:LYS:HB2	1:74:A:PRO:HA	8	0.2
(2,950)	1:70:A:LYS:HB3	1:74:A:PRO:HA	8	0.2
(2,945)	1:11:A:ILE:HG21	1:43:A:MET:HG2	4	0.2
(2,945)	1:11:A:ILE:HG22	1:43:A:MET:HG2	4	0.2
(2,945)	1:11:A:ILE:HG23	1:43:A:MET:HG2	4	0.2
(2,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	8	0.2
(2,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	8	0.2
(2,816)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	8	0.2
(2,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	8	0.2
(2,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	8	0.2
(2,816)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	8	0.2
(2,785)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	3	0.2
(2,785)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	3	0.2
(2,785)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	3	0.2
(2,785)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	3	0.2
(2,785)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	3	0.2
(2,785)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	3	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,779)	1:11:A:ILE:HA	1:11:A:ILE:HD11	9	0.2
(2,779)	1:11:A:ILE:HA	1:11:A:ILE:HD12	9	0.2
(2,779)	1:11:A:ILE:HA	1:11:A:ILE:HD13	9	0.2
(2,765)	1:73:A:ILE:HD11	1:113:A:PHE:HA	14	0.2
(2,765)	1:73:A:ILE:HD12	1:113:A:PHE:HA	14	0.2
(2,765)	1:73:A:ILE:HD13	1:113:A:PHE:HA	14	0.2
(2,748)	1:38:A:GLU:H	1:41:A:LYS:HG2	18	0.2
(2,613)	1:55:A:GLY:H	1:58:A:ILE:HB	2	0.2
(2,540)	1:60:A:LEU:HD11	1:61:A:SER:H	6	0.2
(2,540)	1:60:A:LEU:HD12	1:61:A:SER:H	6	0.2
(2,540)	1:60:A:LEU:HD13	1:61:A:SER:H	6	0.2
(2,470)	1:14:A:VAL:H	1:61:A:SER:HA	19	0.2
(2,412)	1:125:A:THR:H	1:125:A:THR:HB	13	0.2
(2,309)	1:46:A:ASN:H	1:47:A:ALA:HB1	8	0.2
(2,309)	1:46:A:ASN:H	1:47:A:ALA:HB2	8	0.2
(2,309)	1:46:A:ASN:H	1:47:A:ALA:HB3	8	0.2
(2,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	17	0.2
(2,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	17	0.2
(2,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	17	0.2
(2,236)	1:47:A:ALA:HB1	1:50:A:ALA:H	4	0.2
(2,236)	1:47:A:ALA:HB2	1:50:A:ALA:H	4	0.2
(2,236)	1:47:A:ALA:HB3	1:50:A:ALA:H	4	0.2
(2,226)	1:10:A:ASN:H	1:10:A:ASN:HB3	16	0.2
(2,123)	1:80:A:TYR:H	1:80:A:TYR:HB3	5	0.2
(2,123)	1:80:A:TYR:H	1:80:A:TYR:HB2	5	0.2
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	1	0.2
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	1	0.2
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	1	0.2
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	1	0.2
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	1	0.2
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	1	0.2
(1,2285)	1:101:A:ILE:HG13	1:119:A:LEU:HD11	19	0.2
(1,2285)	1:101:A:ILE:HG13	1:119:A:LEU:HD12	19	0.2
(1,2285)	1:101:A:ILE:HG13	1:119:A:LEU:HD13	19	0.2
(1,2285)	1:101:A:ILE:HG13	1:119:A:LEU:HD21	19	0.2
(1,2285)	1:101:A:ILE:HG13	1:119:A:LEU:HD22	19	0.2
(1,2285)	1:101:A:ILE:HG13	1:119:A:LEU:HD23	19	0.2
(1,2210)	1:65:A:CYS:HB2	1:70:A:LYS:HA	12	0.2
(1,2210)	1:65:A:CYS:HB3	1:70:A:LYS:HA	12	0.2
(1,2125)	1:40:A:LEU:HD11	1:44:A:GLU:H	4	0.2
(1,2125)	1:40:A:LEU:HD12	1:44:A:GLU:H	4	0.2
(1,2125)	1:40:A:LEU:HD13	1:44:A:GLU:H	4	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2125)	1:40:A:LEU:HD21	1:44:A:GLU:H	4	0.2
(1,2125)	1:40:A:LEU:HD22	1:44:A:GLU:H	4	0.2
(1,2125)	1:40:A:LEU:HD23	1:44:A:GLU:H	4	0.2
(1,2124)	1:40:A:LEU:HD11	1:43:A:MET:HG3	19	0.2
(1,2124)	1:40:A:LEU:HD12	1:43:A:MET:HG3	19	0.2
(1,2124)	1:40:A:LEU:HD13	1:43:A:MET:HG3	19	0.2
(1,2124)	1:40:A:LEU:HD21	1:43:A:MET:HG3	19	0.2
(1,2124)	1:40:A:LEU:HD22	1:43:A:MET:HG3	19	0.2
(1,2124)	1:40:A:LEU:HD23	1:43:A:MET:HG3	19	0.2
(1,2120)	1:40:A:LEU:HD11	1:41:A:LYS:H	17	0.2
(1,2120)	1:40:A:LEU:HD12	1:41:A:LYS:H	17	0.2
(1,2120)	1:40:A:LEU:HD13	1:41:A:LYS:H	17	0.2
(1,2120)	1:40:A:LEU:HD21	1:41:A:LYS:H	17	0.2
(1,2120)	1:40:A:LEU:HD22	1:41:A:LYS:H	17	0.2
(1,2120)	1:40:A:LEU:HD23	1:41:A:LYS:H	17	0.2
(1,2026)	1:23:A:LEU:HD11	1:25:A:ALA:H	16	0.2
(1,2026)	1:23:A:LEU:HD12	1:25:A:ALA:H	16	0.2
(1,2026)	1:23:A:LEU:HD13	1:25:A:ALA:H	16	0.2
(1,2026)	1:23:A:LEU:HD21	1:25:A:ALA:H	16	0.2
(1,2026)	1:23:A:LEU:HD22	1:25:A:ALA:H	16	0.2
(1,2026)	1:23:A:LEU:HD23	1:25:A:ALA:H	16	0.2
(1,2026)	1:23:A:LEU:HD11	1:25:A:ALA:H	17	0.2
(1,2026)	1:23:A:LEU:HD12	1:25:A:ALA:H	17	0.2
(1,2026)	1:23:A:LEU:HD13	1:25:A:ALA:H	17	0.2
(1,2026)	1:23:A:LEU:HD21	1:25:A:ALA:H	17	0.2
(1,2026)	1:23:A:LEU:HD22	1:25:A:ALA:H	17	0.2
(1,2026)	1:23:A:LEU:HD23	1:25:A:ALA:H	17	0.2
(1,2018)	1:21:A:THR:HB	1:23:A:LEU:HD11	3	0.2
(1,2018)	1:21:A:THR:HB	1:23:A:LEU:HD12	3	0.2
(1,2018)	1:21:A:THR:HB	1:23:A:LEU:HD13	3	0.2
(1,2018)	1:21:A:THR:HB	1:23:A:LEU:HD21	3	0.2
(1,2018)	1:21:A:THR:HB	1:23:A:LEU:HD22	3	0.2
(1,2018)	1:21:A:THR:HB	1:23:A:LEU:HD23	3	0.2
(1,1979)	1:14:A:VAL:HG11	1:61:A:SER:HB2	17	0.2
(1,1979)	1:14:A:VAL:HG11	1:61:A:SER:HB3	17	0.2
(1,1979)	1:14:A:VAL:HG12	1:61:A:SER:HB2	17	0.2
(1,1979)	1:14:A:VAL:HG12	1:61:A:SER:HB3	17	0.2
(1,1979)	1:14:A:VAL:HG13	1:61:A:SER:HB2	17	0.2
(1,1979)	1:14:A:VAL:HG13	1:61:A:SER:HB3	17	0.2
(1,1979)	1:14:A:VAL:HG21	1:61:A:SER:HB2	17	0.2
(1,1979)	1:14:A:VAL:HG21	1:61:A:SER:HB3	17	0.2
(1,1979)	1:14:A:VAL:HG22	1:61:A:SER:HB2	17	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1979)	1:14:A:VAL:HG22	1:61:A:SER:HB3	17	0.2
(1,1979)	1:14:A:VAL:HG23	1:61:A:SER:HB2	17	0.2
(1,1979)	1:14:A:VAL:HG23	1:61:A:SER:HB3	17	0.2
(1,1968)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	15	0.2
(1,1968)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	15	0.2
(1,1968)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	15	0.2
(1,1968)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	15	0.2
(1,1968)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	15	0.2
(1,1968)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	15	0.2
(1,1968)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	15	0.2
(1,1968)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	15	0.2
(1,1968)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	15	0.2
(1,1968)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	15	0.2
(1,1968)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	15	0.2
(1,1968)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	15	0.2
(1,1968)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	15	0.2
(1,1968)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	15	0.2
(1,1968)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	15	0.2
(1,1968)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	15	0.2
(1,1968)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	15	0.2
(1,1968)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	15	0.2
(1,1920)	1:150:A:THR:H	1:151:A:PHE:HD1	19	0.2
(1,1920)	1:150:A:THR:H	1:151:A:PHE:HD2	19	0.2
(1,1919)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	4	0.2
(1,1919)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	4	0.2
(1,1919)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	4	0.2
(1,1919)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	4	0.2
(1,1891)	1:18:A:PHE:HD1	1:131:A:LEU:HD11	13	0.2
(1,1891)	1:18:A:PHE:HD1	1:131:A:LEU:HD12	13	0.2
(1,1891)	1:18:A:PHE:HD1	1:131:A:LEU:HD13	13	0.2
(1,1891)	1:18:A:PHE:HD2	1:131:A:LEU:HD11	13	0.2
(1,1891)	1:18:A:PHE:HD2	1:131:A:LEU:HD12	13	0.2
(1,1891)	1:18:A:PHE:HD2	1:131:A:LEU:HD13	13	0.2
(1,1872)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	2	0.2
(1,1856)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	9	0.2
(1,1856)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	9	0.2
(1,1856)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	9	0.2
(1,1835)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	8	0.2
(1,1835)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	8	0.2
(1,1835)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	8	0.2
(1,1835)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	8	0.2
(1,1835)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	8	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1835)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	8	0.2
(1,1745)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	5	0.2
(1,1745)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	5	0.2
(1,1745)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	5	0.2
(1,1670)	1:69:A:MET:HE1	1:116:A:GLN:HE21	11	0.2
(1,1670)	1:69:A:MET:HE2	1:116:A:GLN:HE21	11	0.2
(1,1670)	1:69:A:MET:HE3	1:116:A:GLN:HE21	11	0.2
(1,1669)	1:69:A:MET:HE1	1:116:A:GLN:HG3	3	0.2
(1,1669)	1:69:A:MET:HE2	1:116:A:GLN:HG3	3	0.2
(1,1669)	1:69:A:MET:HE3	1:116:A:GLN:HG3	3	0.2
(1,1638)	1:10:A:ASN:HD22	1:80:A:TYR:HB3	13	0.2
(1,1629)	1:23:A:LEU:HB2	1:24:A:ASP:HA	11	0.2
(1,1629)	1:23:A:LEU:HB3	1:24:A:ASP:HA	11	0.2
(1,1603)	1:98:A:ILE:HG21	1:104:A:PHE:HE1	17	0.2
(1,1603)	1:98:A:ILE:HG21	1:104:A:PHE:HE2	17	0.2
(1,1603)	1:98:A:ILE:HG22	1:104:A:PHE:HE1	17	0.2
(1,1603)	1:98:A:ILE:HG22	1:104:A:PHE:HE2	17	0.2
(1,1603)	1:98:A:ILE:HG23	1:104:A:PHE:HE1	17	0.2
(1,1603)	1:98:A:ILE:HG23	1:104:A:PHE:HE2	17	0.2
(1,1596)	1:97:A:ASP:H	1:98:A:ILE:HD11	3	0.2
(1,1596)	1:97:A:ASP:H	1:98:A:ILE:HD12	3	0.2
(1,1596)	1:97:A:ASP:H	1:98:A:ILE:HD13	3	0.2
(1,1575)	1:110:A:MET:HB2	1:114:A:ILE:HD11	10	0.2
(1,1575)	1:110:A:MET:HB2	1:114:A:ILE:HD12	10	0.2
(1,1575)	1:110:A:MET:HB2	1:114:A:ILE:HD13	10	0.2
(1,1572)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	13	0.2
(1,1572)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	13	0.2
(1,1572)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	13	0.2
(1,1572)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	13	0.2
(1,1572)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	13	0.2
(1,1572)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	13	0.2
(1,1552)	1:76:A:ARG:HE	1:110:A:MET:HE1	16	0.2
(1,1552)	1:76:A:ARG:HE	1:110:A:MET:HE2	16	0.2
(1,1552)	1:76:A:ARG:HE	1:110:A:MET:HE3	16	0.2
(1,1538)	1:69:A:MET:HE1	1:110:A:MET:HA	1	0.2
(1,1538)	1:69:A:MET:HE2	1:110:A:MET:HA	1	0.2
(1,1538)	1:69:A:MET:HE3	1:110:A:MET:HA	1	0.2
(1,1534)	1:110:A:MET:HE1	1:113:A:PHE:HE1	5	0.2
(1,1534)	1:110:A:MET:HE1	1:113:A:PHE:HE2	5	0.2
(1,1534)	1:110:A:MET:HE2	1:113:A:PHE:HE1	5	0.2
(1,1534)	1:110:A:MET:HE2	1:113:A:PHE:HE2	5	0.2
(1,1534)	1:110:A:MET:HE3	1:113:A:PHE:HE1	5	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1534)	1:110:A:MET:HE3	1:113:A:PHE:HE2	5	0.2
(1,1507)	1:114:A:ILE:HG21	1:117:A:VAL:HB	10	0.2
(1,1507)	1:114:A:ILE:HG22	1:117:A:VAL:HB	10	0.2
(1,1507)	1:114:A:ILE:HG23	1:117:A:VAL:HB	10	0.2
(1,1489)	1:101:A:ILE:HG21	1:115:A:ALA:HA	11	0.2
(1,1489)	1:101:A:ILE:HG22	1:115:A:ALA:HA	11	0.2
(1,1489)	1:101:A:ILE:HG23	1:115:A:ALA:HA	11	0.2
(1,1462)	1:30:A:LEU:HD21	1:31:A:PRO:HD3	7	0.2
(1,1462)	1:30:A:LEU:HD22	1:31:A:PRO:HD3	7	0.2
(1,1462)	1:30:A:LEU:HD23	1:31:A:PRO:HD3	7	0.2
(1,1423)	1:69:A:MET:HA	1:73:A:ILE:HG21	7	0.2
(1,1423)	1:69:A:MET:HA	1:73:A:ILE:HG22	7	0.2
(1,1423)	1:69:A:MET:HA	1:73:A:ILE:HG23	7	0.2
(1,1364)	1:39:A:VAL:HG11	1:41:A:LYS:H	4	0.2
(1,1364)	1:39:A:VAL:HG12	1:41:A:LYS:H	4	0.2
(1,1364)	1:39:A:VAL:HG13	1:41:A:LYS:H	4	0.2
(1,1345)	1:125:A:THR:HG21	1:128:A:LEU:HB2	16	0.2
(1,1345)	1:125:A:THR:HG22	1:128:A:LEU:HB2	16	0.2
(1,1345)	1:125:A:THR:HG23	1:128:A:LEU:HB2	16	0.2
(1,1334)	1:64:A:LYS:HA	1:64:A:LYS:HD2	4	0.2
(1,1334)	1:64:A:LYS:HA	1:64:A:LYS:HD3	4	0.2
(1,1274)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	19	0.2
(1,1274)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	19	0.2
(1,1274)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	19	0.2
(1,1263)	1:23:A:LEU:HD11	1:25:A:ALA:H	10	0.2
(1,1263)	1:23:A:LEU:HD12	1:25:A:ALA:H	10	0.2
(1,1263)	1:23:A:LEU:HD13	1:25:A:ALA:H	10	0.2
(1,1262)	1:23:A:LEU:HA	1:23:A:LEU:HD11	8	0.2
(1,1262)	1:23:A:LEU:HA	1:23:A:LEU:HD12	8	0.2
(1,1262)	1:23:A:LEU:HA	1:23:A:LEU:HD13	8	0.2
(1,1239)	1:39:A:VAL:H	1:139:A:LEU:HD21	5	0.2
(1,1239)	1:39:A:VAL:H	1:139:A:LEU:HD22	5	0.2
(1,1239)	1:39:A:VAL:H	1:139:A:LEU:HD23	5	0.2
(1,1223)	1:137:A:SER:HA	1:138:A:ASP:HB2	17	0.2
(1,1223)	1:137:A:SER:HA	1:138:A:ASP:HB3	17	0.2
(1,1219)	1:11:A:ILE:HD11	1:131:A:LEU:HA	10	0.2
(1,1219)	1:11:A:ILE:HD12	1:131:A:LEU:HA	10	0.2
(1,1219)	1:11:A:ILE:HD13	1:131:A:LEU:HA	10	0.2
(1,1033)	1:149:A:ALA:HB1	1:150:A:THR:HA	16	0.2
(1,1033)	1:149:A:ALA:HB2	1:150:A:THR:HA	16	0.2
(1,1033)	1:149:A:ALA:HB3	1:150:A:THR:HA	16	0.2
(1,1019)	1:98:A:ILE:HB	1:105:A:LYS:HB2	13	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1019)	1:98:A:ILE:HB	1:105:A:LYS:HB3	13	0.2
(1,1014)	1:63:A:ILE:HA	1:64:A:LYS:HD2	12	0.2
(1,1014)	1:63:A:ILE:HA	1:64:A:LYS:HD3	12	0.2
(1,978)	1:66:A:THR:H	1:96:A:VAL:HB	13	0.2
(1,946)	1:93:A:GLU:HG2	1:94:A:ALA:HB1	14	0.2
(1,946)	1:93:A:GLU:HG2	1:94:A:ALA:HB2	14	0.2
(1,946)	1:93:A:GLU:HG2	1:94:A:ALA:HB3	14	0.2
(1,946)	1:93:A:GLU:HG3	1:94:A:ALA:HB1	14	0.2
(1,946)	1:93:A:GLU:HG3	1:94:A:ALA:HB2	14	0.2
(1,946)	1:93:A:GLU:HG3	1:94:A:ALA:HB3	14	0.2
(1,946)	1:93:A:GLU:HG2	1:94:A:ALA:HB1	16	0.2
(1,946)	1:93:A:GLU:HG2	1:94:A:ALA:HB2	16	0.2
(1,946)	1:93:A:GLU:HG2	1:94:A:ALA:HB3	16	0.2
(1,946)	1:93:A:GLU:HG3	1:94:A:ALA:HB1	16	0.2
(1,946)	1:93:A:GLU:HG3	1:94:A:ALA:HB2	16	0.2
(1,946)	1:93:A:GLU:HG3	1:94:A:ALA:HB3	16	0.2
(1,936)	1:43:A:MET:HA	1:44:A:GLU:HG2	14	0.2
(1,934)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	17	0.2
(1,934)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	17	0.2
(1,852)	1:45:A:ALA:HA	1:48:A:ARG:HD2	7	0.2
(1,852)	1:45:A:ALA:HA	1:48:A:ARG:HD3	7	0.2
(1,829)	1:98:A:ILE:HD11	1:104:A:PHE:HB2	10	0.2
(1,829)	1:98:A:ILE:HD12	1:104:A:PHE:HB2	10	0.2
(1,829)	1:98:A:ILE:HD13	1:104:A:PHE:HB2	10	0.2
(1,827)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	2	0.2
(1,827)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	2	0.2
(1,827)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	2	0.2
(1,827)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	7	0.2
(1,827)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	7	0.2
(1,827)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	7	0.2
(1,824)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	5	0.2
(1,824)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	5	0.2
(1,824)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	5	0.2
(1,824)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	5	0.2
(1,824)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	5	0.2
(1,824)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	5	0.2
(1,824)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	5	0.2
(1,824)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	5	0.2
(1,824)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	5	0.2
(1,712)	1:23:A:LEU:HB2	1:25:A:ALA:H	8	0.2
(1,712)	1:23:A:LEU:HB3	1:25:A:ALA:H	8	0.2
(1,476)	1:14:A:VAL:H	1:61:A:SER:HA	19	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,415)	1:125:A:THR:H	1:125:A:THR:HB	13	0.2
(1,315)	1:46:A:ASN:H	1:47:A:ALA:HB1	8	0.2
(1,315)	1:46:A:ASN:H	1:47:A:ALA:HB2	8	0.2
(1,315)	1:46:A:ASN:H	1:47:A:ALA:HB3	8	0.2
(1,238)	1:10:A:ASN:H	1:10:A:ASN:HB3	16	0.2
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD1	5	0.2
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD2	5	0.2
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB1	15	0.2
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB2	15	0.2
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB3	15	0.2
(1,47)	1:98:A:ILE:H	1:105:A:LYS:HA	5	0.2
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD11	6	0.19
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD12	6	0.19
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD13	6	0.19
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD21	6	0.19
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD22	6	0.19
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD23	6	0.19
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	14	0.19
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	14	0.19
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	14	0.19
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	14	0.19
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	14	0.19
(34,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	14	0.19
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	14	0.19
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	14	0.19
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	14	0.19
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	14	0.19
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	14	0.19
(34,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	14	0.19
(34,2138)	1:40:A:LEU:HD11	1:43:A:MET:HB3	10	0.19
(34,2138)	1:40:A:LEU:HD12	1:43:A:MET:HB3	10	0.19
(34,2138)	1:40:A:LEU:HD13	1:43:A:MET:HB3	10	0.19
(34,2138)	1:40:A:LEU:HD21	1:43:A:MET:HB3	10	0.19
(34,2138)	1:40:A:LEU:HD22	1:43:A:MET:HB3	10	0.19
(34,2138)	1:40:A:LEU:HD23	1:43:A:MET:HB3	10	0.19
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD11	8	0.19
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD12	8	0.19
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD13	8	0.19
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD21	8	0.19
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD22	8	0.19
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD23	8	0.19
(34,2070)	1:35:A:LEU:H	1:35:A:LEU:HD11	6	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2070)	1:35:A:LEU:H	1:35:A:LEU:HD12	6	0.19
(34,2070)	1:35:A:LEU:H	1:35:A:LEU:HD13	6	0.19
(34,2070)	1:35:A:LEU:H	1:35:A:LEU:HD21	6	0.19
(34,2070)	1:35:A:LEU:H	1:35:A:LEU:HD22	6	0.19
(34,2070)	1:35:A:LEU:H	1:35:A:LEU:HD23	6	0.19
(34,2052)	1:27:A:ARG:H	1:30:A:LEU:HD11	10	0.19
(34,2052)	1:27:A:ARG:H	1:30:A:LEU:HD12	10	0.19
(34,2052)	1:27:A:ARG:H	1:30:A:LEU:HD13	10	0.19
(34,2052)	1:27:A:ARG:H	1:30:A:LEU:HD21	10	0.19
(34,2052)	1:27:A:ARG:H	1:30:A:LEU:HD22	10	0.19
(34,2052)	1:27:A:ARG:H	1:30:A:LEU:HD23	10	0.19
(34,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	17	0.19
(34,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	17	0.19
(34,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	17	0.19
(34,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	17	0.19
(34,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	17	0.19
(34,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	17	0.19
(34,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	17	0.19
(34,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	17	0.19
(34,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	17	0.19
(34,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	17	0.19
(34,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	17	0.19
(34,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	17	0.19
(34,1951)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	8	0.19
(34,1951)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	8	0.19
(34,1951)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	8	0.19
(34,1951)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	8	0.19
(34,1921)	1:58:A:ILE:HA	1:62:A:HIS:HE1	10	0.19
(34,1904)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	15	0.19
(34,1904)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	15	0.19
(34,1904)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	15	0.19
(34,1904)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	15	0.19
(34,1904)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	15	0.19
(34,1904)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	15	0.19
(34,1903)	1:18:A:PHE:HE1	1:57:A:LEU:HG	8	0.19
(34,1903)	1:18:A:PHE:HE2	1:57:A:LEU:HG	8	0.19
(34,1830)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	14	0.19
(34,1830)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	14	0.19
(34,1808)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	10	0.19
(34,1808)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	10	0.19
(34,1808)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	10	0.19
(34,1808)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	10	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1754)	1:31:A:PRO:HB2	1:35:A:LEU:HD11	3	0.19
(34,1754)	1:31:A:PRO:HB2	1:35:A:LEU:HD12	3	0.19
(34,1754)	1:31:A:PRO:HB2	1:35:A:LEU:HD13	3	0.19
(34,1754)	1:31:A:PRO:HB3	1:35:A:LEU:HD11	3	0.19
(34,1754)	1:31:A:PRO:HB3	1:35:A:LEU:HD12	3	0.19
(34,1754)	1:31:A:PRO:HB3	1:35:A:LEU:HD13	3	0.19
(34,1749)	1:105:A:LYS:HG3	1:106:A:ASP:HA	3	0.19
(34,1744)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	16	0.19
(34,1744)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	16	0.19
(34,1744)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	16	0.19
(34,1681)	1:107:A:LEU:H	1:111:A:GLU:HB2	3	0.19
(34,1681)	1:107:A:LEU:H	1:111:A:GLU:HB3	3	0.19
(34,1667)	1:69:A:MET:HE1	1:112:A:GLN:H	11	0.19
(34,1667)	1:69:A:MET:HE2	1:112:A:GLN:H	11	0.19
(34,1667)	1:69:A:MET:HE3	1:112:A:GLN:H	11	0.19
(34,1641)	1:79:A:THR:H	1:80:A:TYR:HA	11	0.19
(34,1606)	1:98:A:ILE:HG21	1:101:A:ILE:HD11	3	0.19
(34,1606)	1:98:A:ILE:HG21	1:101:A:ILE:HD12	3	0.19
(34,1606)	1:98:A:ILE:HG21	1:101:A:ILE:HD13	3	0.19
(34,1606)	1:98:A:ILE:HG22	1:101:A:ILE:HD11	3	0.19
(34,1606)	1:98:A:ILE:HG22	1:101:A:ILE:HD12	3	0.19
(34,1606)	1:98:A:ILE:HG22	1:101:A:ILE:HD13	3	0.19
(34,1606)	1:98:A:ILE:HG23	1:101:A:ILE:HD11	3	0.19
(34,1606)	1:98:A:ILE:HG23	1:101:A:ILE:HD12	3	0.19
(34,1606)	1:98:A:ILE:HG23	1:101:A:ILE:HD13	3	0.19
(34,1574)	1:123:A:CYS:H	1:128:A:LEU:HD11	16	0.19
(34,1574)	1:123:A:CYS:H	1:128:A:LEU:HD12	16	0.19
(34,1574)	1:123:A:CYS:H	1:128:A:LEU:HD13	16	0.19
(34,1533)	1:69:A:MET:HE1	1:115:A:ALA:H	4	0.19
(34,1533)	1:69:A:MET:HE2	1:115:A:ALA:H	4	0.19
(34,1533)	1:69:A:MET:HE3	1:115:A:ALA:H	4	0.19
(34,1467)	1:30:A:LEU:H	1:31:A:PRO:HD3	18	0.19
(34,1446)	1:50:A:ALA:HB1	1:127:A:CYS:HA	16	0.19
(34,1446)	1:50:A:ALA:HB2	1:127:A:CYS:HA	16	0.19
(34,1446)	1:50:A:ALA:HB3	1:127:A:CYS:HA	16	0.19
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	8	0.19
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	8	0.19
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	8	0.19
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	8	0.19
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	8	0.19
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	8	0.19
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	12	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	12	0.19
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	12	0.19
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	12	0.19
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	12	0.19
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	12	0.19
(34,1390)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	15	0.19
(34,1390)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	15	0.19
(34,1390)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	15	0.19
(34,1383)	1:21:A:THR:H	1:21:A:THR:HG21	10	0.19
(34,1383)	1:21:A:THR:H	1:21:A:THR:HG22	10	0.19
(34,1383)	1:21:A:THR:H	1:21:A:THR:HG23	10	0.19
(34,1379)	1:118:A:ASP:HA	1:121:A:VAL:HG11	3	0.19
(34,1379)	1:118:A:ASP:HA	1:121:A:VAL:HG12	3	0.19
(34,1379)	1:118:A:ASP:HA	1:121:A:VAL:HG13	3	0.19
(34,1375)	1:120:A:CYS:H	1:121:A:VAL:HG11	6	0.19
(34,1375)	1:120:A:CYS:H	1:121:A:VAL:HG12	6	0.19
(34,1375)	1:120:A:CYS:H	1:121:A:VAL:HG13	6	0.19
(34,1375)	1:120:A:CYS:H	1:121:A:VAL:HG11	10	0.19
(34,1375)	1:120:A:CYS:H	1:121:A:VAL:HG12	10	0.19
(34,1375)	1:120:A:CYS:H	1:121:A:VAL:HG13	10	0.19
(34,1364)	1:125:A:THR:HG21	1:128:A:LEU:HB2	18	0.19
(34,1364)	1:125:A:THR:HG22	1:128:A:LEU:HB2	18	0.19
(34,1364)	1:125:A:THR:HG23	1:128:A:LEU:HB2	18	0.19
(34,1318)	1:66:A:THR:HG21	1:96:A:VAL:H	14	0.19
(34,1318)	1:66:A:THR:HG22	1:96:A:VAL:H	14	0.19
(34,1318)	1:66:A:THR:HG23	1:96:A:VAL:H	14	0.19
(34,1306)	1:45:A:ALA:HA	1:48:A:ARG:HB2	15	0.19
(34,1306)	1:45:A:ALA:HA	1:48:A:ARG:HB3	15	0.19
(34,1246)	1:110:A:MET:HA	1:113:A:PHE:HB2	7	0.19
(34,1238)	1:69:A:MET:HE1	1:110:A:MET:HA	18	0.19
(34,1238)	1:69:A:MET:HE2	1:110:A:MET:HA	18	0.19
(34,1238)	1:69:A:MET:HE3	1:110:A:MET:HA	18	0.19
(34,1217)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	15	0.19
(34,1217)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	15	0.19
(34,1217)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	15	0.19
(34,1214)	1:23:A:LEU:HD21	1:24:A:ASP:H	18	0.19
(34,1214)	1:23:A:LEU:HD22	1:24:A:ASP:H	18	0.19
(34,1214)	1:23:A:LEU:HD23	1:24:A:ASP:H	18	0.19
(34,1114)	1:138:A:ASP:HA	1:141:A:LYS:HA	4	0.19
(34,1066)	1:11:A:ILE:HA	1:11:A:ILE:HG12	14	0.19
(34,1044)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	14	0.19
(34,1044)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	14	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1044)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	14	0.19
(34,1044)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	14	0.19
(34,1021)	1:114:A:ILE:HA	1:117:A:VAL:HG11	14	0.19
(34,1021)	1:114:A:ILE:HA	1:117:A:VAL:HG12	14	0.19
(34,1021)	1:114:A:ILE:HA	1:117:A:VAL:HG13	14	0.19
(34,1021)	1:114:A:ILE:HA	1:117:A:VAL:HG11	19	0.19
(34,1021)	1:114:A:ILE:HA	1:117:A:VAL:HG12	19	0.19
(34,1021)	1:114:A:ILE:HA	1:117:A:VAL:HG13	19	0.19
(34,988)	1:138:A:ASP:HA	1:141:A:LYS:HB2	15	0.19
(34,988)	1:138:A:ASP:HA	1:141:A:LYS:HB3	15	0.19
(34,930)	1:19:A:ALA:HA	1:20:A:THR:HB	11	0.19
(34,878)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	7	0.19
(34,878)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	7	0.19
(34,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	16	0.19
(34,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	16	0.19
(34,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	16	0.19
(34,846)	1:48:A:ARG:HA	1:48:A:ARG:HD2	7	0.19
(34,846)	1:48:A:ARG:HA	1:48:A:ARG:HD3	7	0.19
(34,816)	1:98:A:ILE:HD11	1:100:A:ALA:H	3	0.19
(34,816)	1:98:A:ILE:HD12	1:100:A:ALA:H	3	0.19
(34,816)	1:98:A:ILE:HD13	1:100:A:ALA:H	3	0.19
(34,809)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	6	0.19
(34,809)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	6	0.19
(34,809)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	6	0.19
(34,809)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	6	0.19
(34,809)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	6	0.19
(34,809)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	6	0.19
(34,781)	1:101:A:ILE:HD11	1:118:A:ASP:H	19	0.19
(34,781)	1:101:A:ILE:HD12	1:118:A:ASP:H	19	0.19
(34,781)	1:101:A:ILE:HD13	1:118:A:ASP:H	19	0.19
(34,762)	1:141:A:LYS:H	1:143:A:TRP:HB2	6	0.19
(34,710)	1:134:A:VAL:H	1:134:A:VAL:HG21	1	0.19
(34,710)	1:134:A:VAL:H	1:134:A:VAL:HG22	1	0.19
(34,710)	1:134:A:VAL:H	1:134:A:VAL:HG23	1	0.19
(34,710)	1:134:A:VAL:H	1:134:A:VAL:HG21	19	0.19
(34,710)	1:134:A:VAL:H	1:134:A:VAL:HG22	19	0.19
(34,710)	1:134:A:VAL:H	1:134:A:VAL:HG23	19	0.19
(34,672)	1:103:A:ARG:HG2	1:106:A:ASP:H	14	0.19
(34,672)	1:103:A:ARG:HG3	1:106:A:ASP:H	14	0.19
(34,664)	1:101:A:ILE:H	1:104:A:PHE:HB3	7	0.19
(34,659)	1:66:A:THR:H	1:70:A:LYS:H	14	0.19
(34,607)	1:55:A:GLY:H	1:57:A:LEU:H	19	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,496)	1:79:A:THR:H	1:79:A:THR:HG21	4	0.19
(34,496)	1:79:A:THR:H	1:79:A:THR:HG22	4	0.19
(34,496)	1:79:A:THR:H	1:79:A:THR:HG23	4	0.19
(34,456)	1:142:A:LYS:H	1:143:A:TRP:HB2	7	0.19
(34,446)	1:73:A:ILE:HB	1:76:A:ARG:H	5	0.19
(34,417)	1:125:A:THR:H	1:128:A:LEU:HG	19	0.19
(34,340)	1:120:A:CYS:HA	1:122:A:ASP:H	11	0.19
(34,186)	1:93:A:GLU:H	1:93:A:GLU:HB2	4	0.19
(34,186)	1:93:A:GLU:H	1:93:A:GLU:HB3	4	0.19
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD11	11	0.19
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD12	11	0.19
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD13	11	0.19
(34,130)	1:46:A:ASN:HB3	1:49:A:LYS:H	15	0.19
(34,127)	1:48:A:ARG:HD2	1:49:A:LYS:H	11	0.19
(34,127)	1:48:A:ARG:HD3	1:49:A:LYS:H	11	0.19
(34,53)	1:98:A:ILE:H	1:101:A:ILE:HG21	5	0.19
(34,53)	1:98:A:ILE:H	1:101:A:ILE:HG22	5	0.19
(34,53)	1:98:A:ILE:H	1:101:A:ILE:HG23	5	0.19
(33,2313)	1:101:A:ILE:H	1:119:A:LEU:HD11	8	0.19
(33,2313)	1:101:A:ILE:H	1:119:A:LEU:HD12	8	0.19
(33,2313)	1:101:A:ILE:H	1:119:A:LEU:HD13	8	0.19
(33,2313)	1:101:A:ILE:H	1:119:A:LEU:HD21	8	0.19
(33,2313)	1:101:A:ILE:H	1:119:A:LEU:HD22	8	0.19
(33,2313)	1:101:A:ILE:H	1:119:A:LEU:HD23	8	0.19
(33,2301)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	16	0.19
(33,2301)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	16	0.19
(33,2301)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	16	0.19
(33,2301)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	16	0.19
(33,2301)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	16	0.19
(33,2301)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	16	0.19
(33,2301)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	16	0.19
(33,2301)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	16	0.19
(33,2301)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	16	0.19
(33,2301)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	16	0.19
(33,2301)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	16	0.19
(33,2301)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	16	0.19
(33,2301)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	16	0.19
(33,2301)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	16	0.19
(33,2301)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	16	0.19
(33,2301)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	16	0.19
(33,2301)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	16	0.19
(33,2301)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	16	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2251)	1:69:A:MET:HG2	1:70:A:LYS:HG2	4	0.19
(33,2251)	1:69:A:MET:HG2	1:70:A:LYS:HG3	4	0.19
(33,2251)	1:69:A:MET:HG3	1:70:A:LYS:HG2	4	0.19
(33,2251)	1:69:A:MET:HG3	1:70:A:LYS:HG3	4	0.19
(33,2248)	1:69:A:MET:H	1:70:A:LYS:HG2	5	0.19
(33,2248)	1:69:A:MET:H	1:70:A:LYS:HG3	5	0.19
(33,2244)	1:67:A:PRO:HD2	1:96:A:VAL:HG11	6	0.19
(33,2244)	1:67:A:PRO:HD2	1:96:A:VAL:HG12	6	0.19
(33,2244)	1:67:A:PRO:HD2	1:96:A:VAL:HG13	6	0.19
(33,2244)	1:67:A:PRO:HD2	1:96:A:VAL:HG21	6	0.19
(33,2244)	1:67:A:PRO:HD2	1:96:A:VAL:HG22	6	0.19
(33,2244)	1:67:A:PRO:HD2	1:96:A:VAL:HG23	6	0.19
(33,2244)	1:67:A:PRO:HD3	1:96:A:VAL:HG11	6	0.19
(33,2244)	1:67:A:PRO:HD3	1:96:A:VAL:HG12	6	0.19
(33,2244)	1:67:A:PRO:HD3	1:96:A:VAL:HG13	6	0.19
(33,2244)	1:67:A:PRO:HD3	1:96:A:VAL:HG21	6	0.19
(33,2244)	1:67:A:PRO:HD3	1:96:A:VAL:HG22	6	0.19
(33,2244)	1:67:A:PRO:HD3	1:96:A:VAL:HG23	6	0.19
(33,2233)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	4	0.19
(33,2233)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	4	0.19
(33,2233)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	4	0.19
(33,2233)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	4	0.19
(33,2233)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	10	0.19
(33,2233)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	10	0.19
(33,2233)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	10	0.19
(33,2233)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	10	0.19
(33,2220)	1:64:A:LYS:H	1:116:A:GLN:HG2	10	0.19
(33,2220)	1:64:A:LYS:H	1:116:A:GLN:HG3	10	0.19
(33,2205)	1:60:A:LEU:HD11	1:120:A:CYS:HA	3	0.19
(33,2205)	1:60:A:LEU:HD12	1:120:A:CYS:HA	3	0.19
(33,2205)	1:60:A:LEU:HD13	1:120:A:CYS:HA	3	0.19
(33,2205)	1:60:A:LEU:HD21	1:120:A:CYS:HA	3	0.19
(33,2205)	1:60:A:LEU:HD22	1:120:A:CYS:HA	3	0.19
(33,2205)	1:60:A:LEU:HD23	1:120:A:CYS:HA	3	0.19
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD11	9	0.19
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD12	9	0.19
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD13	9	0.19
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD21	9	0.19
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD22	9	0.19
(33,2141)	1:42:A:GLU:H	1:139:A:LEU:HD23	9	0.19
(33,2136)	1:40:A:LEU:HD11	1:44:A:GLU:H	4	0.19
(33,2136)	1:40:A:LEU:HD12	1:44:A:GLU:H	4	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2136)	1:40:A:LEU:HD13	1:44:A:GLU:H	4	0.19
(33,2136)	1:40:A:LEU:HD21	1:44:A:GLU:H	4	0.19
(33,2136)	1:40:A:LEU:HD22	1:44:A:GLU:H	4	0.19
(33,2136)	1:40:A:LEU:HD23	1:44:A:GLU:H	4	0.19
(33,2134)	1:40:A:LEU:HD11	1:43:A:MET:H	16	0.19
(33,2134)	1:40:A:LEU:HD12	1:43:A:MET:H	16	0.19
(33,2134)	1:40:A:LEU:HD13	1:43:A:MET:H	16	0.19
(33,2134)	1:40:A:LEU:HD21	1:43:A:MET:H	16	0.19
(33,2134)	1:40:A:LEU:HD22	1:43:A:MET:H	16	0.19
(33,2134)	1:40:A:LEU:HD23	1:43:A:MET:H	16	0.19
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD11	3	0.19
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD12	3	0.19
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD13	3	0.19
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD21	3	0.19
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD22	3	0.19
(33,2103)	1:38:A:GLU:HA	1:139:A:LEU:HD23	3	0.19
(33,2079)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	13	0.19
(33,2079)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	13	0.19
(33,2079)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	13	0.19
(33,2079)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	13	0.19
(33,2079)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	13	0.19
(33,2079)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	13	0.19
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD1	8	0.19
(33,2062)	1:30:A:LEU:HD11	1:80:A:TYR:HD2	8	0.19
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD1	8	0.19
(33,2062)	1:30:A:LEU:HD12	1:80:A:TYR:HD2	8	0.19
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD1	8	0.19
(33,2062)	1:30:A:LEU:HD13	1:80:A:TYR:HD2	8	0.19
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD1	8	0.19
(33,2062)	1:30:A:LEU:HD21	1:80:A:TYR:HD2	8	0.19
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD1	8	0.19
(33,2062)	1:30:A:LEU:HD22	1:80:A:TYR:HD2	8	0.19
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD1	8	0.19
(33,2062)	1:30:A:LEU:HD23	1:80:A:TYR:HD2	8	0.19
(33,2041)	1:23:A:LEU:HD11	1:27:A:ARG:HA	2	0.19
(33,2041)	1:23:A:LEU:HD12	1:27:A:ARG:HA	2	0.19
(33,2041)	1:23:A:LEU:HD13	1:27:A:ARG:HA	2	0.19
(33,2041)	1:23:A:LEU:HD21	1:27:A:ARG:HA	2	0.19
(33,2041)	1:23:A:LEU:HD22	1:27:A:ARG:HA	2	0.19
(33,2041)	1:23:A:LEU:HD23	1:27:A:ARG:HA	2	0.19
(33,1849)	1:9:A:PHE:HD1	1:11:A:ILE:H	12	0.19
(33,1849)	1:9:A:PHE:HD2	1:11:A:ILE:H	12	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1839)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	16	0.19
(33,1839)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	16	0.19
(33,1839)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	16	0.19
(33,1815)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	14	0.19
(33,1815)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	14	0.19
(33,1762)	1:66:A:THR:HG21	1:97:A:ASP:HA	13	0.19
(33,1762)	1:66:A:THR:HG22	1:97:A:ASP:HA	13	0.19
(33,1762)	1:66:A:THR:HG23	1:97:A:ASP:HA	13	0.19
(33,1724)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	16	0.19
(33,1724)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	16	0.19
(33,1724)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	16	0.19
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG21	19	0.19
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG22	19	0.19
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG23	19	0.19
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG21	19	0.19
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG22	19	0.19
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG23	19	0.19
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG21	19	0.19
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG22	19	0.19
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG23	19	0.19
(33,1659)	1:107:A:LEU:H	1:111:A:GLU:HB2	3	0.19
(33,1659)	1:107:A:LEU:H	1:111:A:GLU:HB3	3	0.19
(33,1645)	1:69:A:MET:HE1	1:112:A:GLN:H	11	0.19
(33,1645)	1:69:A:MET:HE2	1:112:A:GLN:H	11	0.19
(33,1645)	1:69:A:MET:HE3	1:112:A:GLN:H	11	0.19
(33,1586)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	3	0.19
(33,1586)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	3	0.19
(33,1586)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	3	0.19
(33,1578)	1:98:A:ILE:HG21	1:101:A:ILE:HD11	3	0.19
(33,1578)	1:98:A:ILE:HG21	1:101:A:ILE:HD12	3	0.19
(33,1578)	1:98:A:ILE:HG21	1:101:A:ILE:HD13	3	0.19
(33,1578)	1:98:A:ILE:HG22	1:101:A:ILE:HD11	3	0.19
(33,1578)	1:98:A:ILE:HG22	1:101:A:ILE:HD12	3	0.19
(33,1578)	1:98:A:ILE:HG22	1:101:A:ILE:HD13	3	0.19
(33,1578)	1:98:A:ILE:HG23	1:101:A:ILE:HD11	3	0.19
(33,1578)	1:98:A:ILE:HG23	1:101:A:ILE:HD12	3	0.19
(33,1578)	1:98:A:ILE:HG23	1:101:A:ILE:HD13	3	0.19
(33,1573)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	3	0.19
(33,1573)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	3	0.19
(33,1573)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	3	0.19
(33,1572)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	12	0.19
(33,1572)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	12	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1572)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	12	0.19
(33,1528)	1:110:A:MET:H	1:110:A:MET:HE1	6	0.19
(33,1528)	1:110:A:MET:H	1:110:A:MET:HE2	6	0.19
(33,1528)	1:110:A:MET:H	1:110:A:MET:HE3	6	0.19
(33,1489)	1:114:A:ILE:HG21	1:117:A:VAL:HB	3	0.19
(33,1489)	1:114:A:ILE:HG22	1:117:A:VAL:HB	3	0.19
(33,1489)	1:114:A:ILE:HG23	1:117:A:VAL:HB	3	0.19
(33,1456)	1:14:A:VAL:HB	1:15:A:ALA:HB1	8	0.19
(33,1456)	1:14:A:VAL:HB	1:15:A:ALA:HB2	8	0.19
(33,1456)	1:14:A:VAL:HB	1:15:A:ALA:HB3	8	0.19
(33,1456)	1:14:A:VAL:HB	1:15:A:ALA:HB1	14	0.19
(33,1456)	1:14:A:VAL:HB	1:15:A:ALA:HB2	14	0.19
(33,1456)	1:14:A:VAL:HB	1:15:A:ALA:HB3	14	0.19
(33,1366)	1:21:A:THR:H	1:21:A:THR:HG21	10	0.19
(33,1366)	1:21:A:THR:H	1:21:A:THR:HG22	10	0.19
(33,1366)	1:21:A:THR:H	1:21:A:THR:HG23	10	0.19
(33,1359)	1:120:A:CYS:HA	1:121:A:VAL:HG11	12	0.19
(33,1359)	1:120:A:CYS:HA	1:121:A:VAL:HG12	12	0.19
(33,1359)	1:120:A:CYS:HA	1:121:A:VAL:HG13	12	0.19
(33,1198)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	15	0.19
(33,1198)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	15	0.19
(33,1198)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	15	0.19
(33,1170)	1:30:A:LEU:H	1:30:A:LEU:HD21	16	0.19
(33,1170)	1:30:A:LEU:H	1:30:A:LEU:HD22	16	0.19
(33,1170)	1:30:A:LEU:H	1:30:A:LEU:HD23	16	0.19
(33,1107)	1:41:A:LYS:HA	1:44:A:GLU:HG2	4	0.19
(33,1038)	1:11:A:ILE:HA	1:11:A:ILE:HG12	14	0.19
(33,1030)	1:41:A:LYS:HA	1:44:A:GLU:HB2	16	0.19
(33,1030)	1:41:A:LYS:HA	1:44:A:GLU:HB3	16	0.19
(33,918)	1:19:A:ALA:HA	1:20:A:THR:HB	11	0.19
(33,877)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	4	0.19
(33,877)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	4	0.19
(33,877)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	4	0.19
(33,839)	1:69:A:MET:HE1	1:114:A:ILE:HD11	5	0.19
(33,839)	1:69:A:MET:HE1	1:114:A:ILE:HD12	5	0.19
(33,839)	1:69:A:MET:HE1	1:114:A:ILE:HD13	5	0.19
(33,839)	1:69:A:MET:HE2	1:114:A:ILE:HD11	5	0.19
(33,839)	1:69:A:MET:HE2	1:114:A:ILE:HD12	5	0.19
(33,839)	1:69:A:MET:HE2	1:114:A:ILE:HD13	5	0.19
(33,839)	1:69:A:MET:HE3	1:114:A:ILE:HD11	5	0.19
(33,839)	1:69:A:MET:HE3	1:114:A:ILE:HD12	5	0.19
(33,839)	1:69:A:MET:HE3	1:114:A:ILE:HD13	5	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	18	0.19
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	18	0.19
(33,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	18	0.19
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	18	0.19
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	18	0.19
(33,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	18	0.19
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	18	0.19
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	18	0.19
(33,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	18	0.19
(33,800)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	9	0.19
(33,800)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	9	0.19
(33,800)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	9	0.19
(33,786)	1:60:A:LEU:H	1:63:A:ILE:HD11	17	0.19
(33,786)	1:60:A:LEU:H	1:63:A:ILE:HD12	17	0.19
(33,786)	1:60:A:LEU:H	1:63:A:ILE:HD13	17	0.19
(33,776)	1:101:A:ILE:HD11	1:118:A:ASP:H	19	0.19
(33,776)	1:101:A:ILE:HD12	1:118:A:ASP:H	19	0.19
(33,776)	1:101:A:ILE:HD13	1:118:A:ASP:H	19	0.19
(33,770)	1:73:A:ILE:HD11	1:113:A:PHE:HA	14	0.19
(33,770)	1:73:A:ILE:HD12	1:113:A:PHE:HA	14	0.19
(33,770)	1:73:A:ILE:HD13	1:113:A:PHE:HA	14	0.19
(33,760)	1:42:A:GLU:H	1:42:A:GLU:HB3	6	0.19
(33,679)	1:137:A:SER:H	1:140:A:LEU:HD11	3	0.19
(33,679)	1:137:A:SER:H	1:140:A:LEU:HD12	3	0.19
(33,679)	1:137:A:SER:H	1:140:A:LEU:HD13	3	0.19
(33,668)	1:63:A:ILE:HG12	1:117:A:VAL:H	7	0.19
(33,660)	1:103:A:ARG:HG2	1:106:A:ASP:H	14	0.19
(33,660)	1:103:A:ARG:HG3	1:106:A:ASP:H	14	0.19
(33,653)	1:101:A:ILE:H	1:104:A:PHE:HB3	7	0.19
(33,578)	1:127:A:CYS:HB2	1:130:A:GLY:H	7	0.19
(33,578)	1:127:A:CYS:HB2	1:130:A:GLY:H	10	0.19
(33,578)	1:127:A:CYS:HB2	1:130:A:GLY:H	13	0.19
(33,484)	1:105:A:LYS:H	1:107:A:LEU:H	19	0.19
(33,483)	1:79:A:THR:H	1:79:A:THR:HG21	4	0.19
(33,483)	1:79:A:THR:H	1:79:A:THR:HG22	4	0.19
(33,483)	1:79:A:THR:H	1:79:A:THR:HG23	4	0.19
(33,472)	1:103:A:ARG:H	1:103:A:ARG:HG2	12	0.19
(33,472)	1:103:A:ARG:H	1:103:A:ARG:HG3	12	0.19
(33,437)	1:73:A:ILE:HB	1:76:A:ARG:H	5	0.19
(33,332)	1:120:A:CYS:HA	1:122:A:ASP:H	11	0.19
(33,203)	1:101:A:ILE:H	1:101:A:ILE:HB	19	0.19
(33,178)	1:93:A:GLU:H	1:93:A:GLU:HB2	4	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,178)	1:93:A:GLU:H	1:93:A:GLU:HB3	4	0.19
(33,122)	1:80:A:TYR:H	1:80:A:TYR:HB3	6	0.19
(33,122)	1:80:A:TYR:H	1:80:A:TYR:HB2	6	0.19
(33,58)	1:98:A:ILE:H	1:101:A:ILE:HG13	15	0.19
(33,57)	1:98:A:ILE:H	1:101:A:ILE:HG21	5	0.19
(33,57)	1:98:A:ILE:H	1:101:A:ILE:HG22	5	0.19
(33,57)	1:98:A:ILE:H	1:101:A:ILE:HG23	5	0.19
(33,52)	1:44:A:GLU:HB2	1:47:A:ALA:H	9	0.19
(33,52)	1:44:A:GLU:HB3	1:47:A:ALA:H	9	0.19
(33,36)	1:95:A:ILE:HB	1:96:A:VAL:H	12	0.19
(33,20)	1:93:A:GLU:HG2	1:94:A:ALA:H	19	0.19
(33,20)	1:93:A:GLU:HG3	1:94:A:ALA:H	19	0.19
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD11	10	0.19
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD12	10	0.19
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD13	10	0.19
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD21	10	0.19
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD22	10	0.19
(32,2301)	1:100:A:ALA:HA	1:119:A:LEU:HD23	10	0.19
(32,2290)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	11	0.19
(32,2290)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	11	0.19
(32,2290)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	11	0.19
(32,2290)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	11	0.19
(32,2290)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	11	0.19
(32,2290)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	11	0.19
(32,2290)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	11	0.19
(32,2290)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	11	0.19
(32,2290)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	11	0.19
(32,2290)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	11	0.19
(32,2290)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	11	0.19
(32,2290)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	11	0.19
(32,2289)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	1	0.19
(32,2289)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	1	0.19
(32,2289)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	1	0.19
(32,2289)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	1	0.19
(32,2289)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	1	0.19
(32,2289)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	1	0.19
(32,2289)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	1	0.19
(32,2289)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	1	0.19
(32,2289)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	1	0.19
(32,2289)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	1	0.19
(32,2289)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	1	0.19
(32,2289)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	1	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2286)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	16	0.19
(32,2286)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	16	0.19
(32,2286)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	16	0.19
(32,2286)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	16	0.19
(32,2286)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	16	0.19
(32,2286)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	16	0.19
(32,2286)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	16	0.19
(32,2286)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	16	0.19
(32,2286)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	16	0.19
(32,2286)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	16	0.19
(32,2286)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	16	0.19
(32,2286)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	16	0.19
(32,2286)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	16	0.19
(32,2286)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	16	0.19
(32,2286)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	16	0.19
(32,2286)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	16	0.19
(32,2286)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	16	0.19
(32,2286)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	16	0.19
(32,2285)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	11	0.19
(32,2285)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	11	0.19
(32,2285)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	11	0.19
(32,2285)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	11	0.19
(32,2285)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	11	0.19
(32,2285)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	11	0.19
(32,2285)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	11	0.19
(32,2285)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	11	0.19
(32,2285)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	11	0.19
(32,2285)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	11	0.19
(32,2285)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	11	0.19
(32,2285)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	11	0.19
(32,2242)	1:69:A:MET:H	1:70:A:LYS:HG2	5	0.19
(32,2242)	1:69:A:MET:H	1:70:A:LYS:HG3	5	0.19
(32,2197)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	18	0.19
(32,2197)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	18	0.19
(32,2197)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	18	0.19
(32,2197)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	18	0.19
(32,2197)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	18	0.19
(32,2197)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	18	0.19
(32,2155)	1:46:A:ASN:HD21	1:47:A:ALA:H	10	0.19
(32,2155)	1:46:A:ASN:HD22	1:47:A:ALA:H	10	0.19
(32,2093)	1:39:A:VAL:HG11	1:44:A:GLU:H	13	0.19
(32,2093)	1:39:A:VAL:HG12	1:44:A:GLU:H	13	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2093)	1:39:A:VAL:HG13	1:44:A:GLU:H	13	0.19
(32,2093)	1:39:A:VAL:HG21	1:44:A:GLU:H	13	0.19
(32,2093)	1:39:A:VAL:HG22	1:44:A:GLU:H	13	0.19
(32,2093)	1:39:A:VAL:HG23	1:44:A:GLU:H	13	0.19
(32,2038)	1:31:A:PRO:HD2	1:35:A:LEU:HG	2	0.19
(32,2038)	1:31:A:PRO:HD3	1:35:A:LEU:HG	2	0.19
(32,2004)	1:23:A:LEU:HD11	1:24:A:ASP:H	16	0.19
(32,2004)	1:23:A:LEU:HD12	1:24:A:ASP:H	16	0.19
(32,2004)	1:23:A:LEU:HD13	1:24:A:ASP:H	16	0.19
(32,2004)	1:23:A:LEU:HD21	1:24:A:ASP:H	16	0.19
(32,2004)	1:23:A:LEU:HD22	1:24:A:ASP:H	16	0.19
(32,2004)	1:23:A:LEU:HD23	1:24:A:ASP:H	16	0.19
(32,1993)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	8	0.19
(32,1993)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	8	0.19
(32,1993)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	8	0.19
(32,1993)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	8	0.19
(32,1993)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	8	0.19
(32,1993)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	8	0.19
(32,1993)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	8	0.19
(32,1993)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	8	0.19
(32,1993)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	8	0.19
(32,1993)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	8	0.19
(32,1993)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	8	0.19
(32,1993)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	8	0.19
(32,1963)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	12	0.19
(32,1963)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	12	0.19
(32,1963)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	12	0.19
(32,1963)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	12	0.19
(32,1963)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	12	0.19
(32,1963)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	12	0.19
(32,1963)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	12	0.19
(32,1963)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	12	0.19
(32,1963)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	12	0.19
(32,1963)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	12	0.19
(32,1963)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	12	0.19
(32,1963)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	12	0.19
(32,1963)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	12	0.19
(32,1963)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	12	0.19
(32,1963)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	12	0.19
(32,1963)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	12	0.19
(32,1963)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	12	0.19
(32,1963)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	12	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1963)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	12	0.19
(32,1963)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	12	0.19
(32,1963)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	12	0.19
(32,1963)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	12	0.19
(32,1963)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	12	0.19
(32,1963)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	12	0.19
(32,1963)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	12	0.19
(32,1963)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	12	0.19
(32,1963)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	12	0.19
(32,1963)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	12	0.19
(32,1963)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	12	0.19
(32,1963)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	12	0.19
(32,1963)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	12	0.19
(32,1963)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	12	0.19
(32,1963)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	12	0.19
(32,1963)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	12	0.19
(32,1963)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	12	0.19
(32,1963)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	12	0.19
(32,1852)	1:104:A:PHE:HE1	1:115:A:ALA:H	16	0.19
(32,1852)	1:104:A:PHE:HE2	1:115:A:ALA:H	16	0.19
(32,1825)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	14	0.19
(32,1825)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	14	0.19
(32,1819)	1:9:A:PHE:HD1	1:11:A:ILE:H	12	0.19
(32,1819)	1:9:A:PHE:HD2	1:11:A:ILE:H	12	0.19
(32,1813)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	8	0.19
(32,1813)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	8	0.19
(32,1813)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	8	0.19
(32,1813)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	8	0.19
(32,1780)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	9	0.19
(32,1780)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	9	0.19
(32,1780)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	9	0.19
(32,1780)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	9	0.19
(32,1780)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	9	0.19
(32,1780)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	9	0.19
(32,1727)	1:66:A:THR:HG21	1:97:A:ASP:HA	13	0.19
(32,1727)	1:66:A:THR:HG22	1:97:A:ASP:HA	13	0.19
(32,1727)	1:66:A:THR:HG23	1:97:A:ASP:HA	13	0.19
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG21	19	0.19
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG22	19	0.19
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG23	19	0.19
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG21	19	0.19
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG22	19	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG23	19	0.19
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG21	19	0.19
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG22	19	0.19
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG23	19	0.19
(32,1613)	1:69:A:MET:HE1	1:112:A:GLN:H	11	0.19
(32,1613)	1:69:A:MET:HE2	1:112:A:GLN:H	11	0.19
(32,1613)	1:69:A:MET:HE3	1:112:A:GLN:H	11	0.19
(32,1590)	1:79:A:THR:H	1:80:A:TYR:HA	11	0.19
(32,1528)	1:11:A:ILE:HD11	1:14:A:VAL:H	15	0.19
(32,1528)	1:11:A:ILE:HD12	1:14:A:VAL:H	15	0.19
(32,1528)	1:11:A:ILE:HD13	1:14:A:VAL:H	15	0.19
(32,1497)	1:110:A:MET:H	1:110:A:MET:HE1	6	0.19
(32,1497)	1:110:A:MET:H	1:110:A:MET:HE2	6	0.19
(32,1497)	1:110:A:MET:H	1:110:A:MET:HE3	6	0.19
(32,1478)	1:69:A:MET:HE1	1:115:A:ALA:H	4	0.19
(32,1478)	1:69:A:MET:HE2	1:115:A:ALA:H	4	0.19
(32,1478)	1:69:A:MET:HE3	1:115:A:ALA:H	4	0.19
(32,1440)	1:101:A:ILE:HG21	1:116:A:GLN:H	5	0.19
(32,1440)	1:101:A:ILE:HG22	1:116:A:GLN:H	5	0.19
(32,1440)	1:101:A:ILE:HG23	1:116:A:GLN:H	5	0.19
(32,1393)	1:121:A:VAL:HG21	1:122:A:ASP:H	2	0.19
(32,1393)	1:121:A:VAL:HG22	1:122:A:ASP:H	2	0.19
(32,1393)	1:121:A:VAL:HG23	1:122:A:ASP:H	2	0.19
(32,1330)	1:21:A:THR:H	1:21:A:THR:HG21	10	0.19
(32,1330)	1:21:A:THR:H	1:21:A:THR:HG22	10	0.19
(32,1330)	1:21:A:THR:H	1:21:A:THR:HG23	10	0.19
(32,1327)	1:119:A:LEU:HA	1:121:A:VAL:HG11	17	0.19
(32,1327)	1:119:A:LEU:HA	1:121:A:VAL:HG12	17	0.19
(32,1327)	1:119:A:LEU:HA	1:121:A:VAL:HG13	17	0.19
(32,1326)	1:120:A:CYS:HA	1:121:A:VAL:HG11	12	0.19
(32,1326)	1:120:A:CYS:HA	1:121:A:VAL:HG12	12	0.19
(32,1326)	1:120:A:CYS:HA	1:121:A:VAL:HG13	12	0.19
(32,1246)	1:45:A:ALA:HA	1:48:A:ARG:HB2	15	0.19
(32,1246)	1:45:A:ALA:HA	1:48:A:ARG:HB3	15	0.19
(32,1240)	1:114:A:ILE:HA	1:117:A:VAL:HG11	14	0.19
(32,1240)	1:114:A:ILE:HA	1:117:A:VAL:HG12	14	0.19
(32,1240)	1:114:A:ILE:HA	1:117:A:VAL:HG13	14	0.19
(32,1240)	1:114:A:ILE:HA	1:117:A:VAL:HG11	19	0.19
(32,1240)	1:114:A:ILE:HA	1:117:A:VAL:HG12	19	0.19
(32,1240)	1:114:A:ILE:HA	1:117:A:VAL:HG13	19	0.19
(32,1157)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	8	0.19
(32,1157)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	8	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1157)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	8	0.19
(32,1157)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	8	0.19
(32,1157)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	8	0.19
(32,1157)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	8	0.19
(32,1152)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	15	0.19
(32,1152)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	15	0.19
(32,1152)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	15	0.19
(32,1128)	1:30:A:LEU:H	1:30:A:LEU:HD21	16	0.19
(32,1128)	1:30:A:LEU:H	1:30:A:LEU:HD22	16	0.19
(32,1128)	1:30:A:LEU:H	1:30:A:LEU:HD23	16	0.19
(32,1085)	1:66:A:THR:HG21	1:105:A:LYS:HA	8	0.19
(32,1085)	1:66:A:THR:HG22	1:105:A:LYS:HA	8	0.19
(32,1085)	1:66:A:THR:HG23	1:105:A:LYS:HA	8	0.19
(32,987)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	14	0.19
(32,987)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	14	0.19
(32,987)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	14	0.19
(32,987)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	14	0.19
(32,986)	1:81:A:GLU:H	1:81:A:GLU:HB2	16	0.19
(32,910)	1:69:A:MET:HG2	1:109:A:PRO:HA	8	0.19
(32,910)	1:69:A:MET:HG2	1:109:A:PRO:HA	16	0.19
(32,890)	1:19:A:ALA:HA	1:20:A:THR:HB	11	0.19
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	1	0.19
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	1	0.19
(32,803)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	1	0.19
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	1	0.19
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	1	0.19
(32,803)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	1	0.19
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	1	0.19
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	1	0.19
(32,803)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	1	0.19
(32,741)	1:141:A:LYS:H	1:143:A:TRP:HB2	6	0.19
(32,649)	1:103:A:ARG:HG2	1:106:A:ASP:H	14	0.19
(32,649)	1:103:A:ARG:HG3	1:106:A:ASP:H	14	0.19
(32,639)	1:66:A:THR:H	1:116:A:GLN:HE22	11	0.19
(32,637)	1:66:A:THR:H	1:70:A:LYS:H	14	0.19
(32,605)	1:118:A:ASP:HB3	1:120:A:CYS:H	6	0.19
(32,473)	1:79:A:THR:H	1:79:A:THR:HG21	4	0.19
(32,473)	1:79:A:THR:H	1:79:A:THR:HG22	4	0.19
(32,473)	1:79:A:THR:H	1:79:A:THR:HG23	4	0.19
(32,436)	1:142:A:LYS:H	1:143:A:TRP:HB2	7	0.19
(32,427)	1:73:A:ILE:HB	1:76:A:ARG:H	5	0.19
(32,344)	1:104:A:PHE:H	1:104:A:PHE:HD1	8	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,344)	1:104:A:PHE:H	1:104:A:PHE:HD2	8	0.19
(32,322)	1:120:A:CYS:HA	1:122:A:ASP:H	11	0.19
(32,289)	1:43:A:MET:H	1:43:A:MET:HG3	2	0.19
(32,236)	1:23:A:LEU:HD21	1:24:A:ASP:H	6	0.19
(32,236)	1:23:A:LEU:HD22	1:24:A:ASP:H	6	0.19
(32,236)	1:23:A:LEU:HD23	1:24:A:ASP:H	6	0.19
(32,196)	1:101:A:ILE:H	1:101:A:ILE:HB	19	0.19
(32,122)	1:80:A:TYR:H	1:80:A:TYR:HB3	6	0.19
(32,122)	1:80:A:TYR:H	1:80:A:TYR:HB2	6	0.19
(32,16)	1:93:A:GLU:HG2	1:94:A:ALA:H	19	0.19
(32,16)	1:93:A:GLU:HG3	1:94:A:ALA:H	19	0.19
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	12	0.19
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	12	0.19
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	12	0.19
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	12	0.19
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	12	0.19
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	12	0.19
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	12	0.19
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	12	0.19
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	12	0.19
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	12	0.19
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	12	0.19
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	12	0.19
(30,2276)	1:75:A:GLY:H	1:77:A:CYS:HB2	17	0.19
(30,2276)	1:75:A:GLY:H	1:77:A:CYS:HB3	17	0.19
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	2	0.19
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	2	0.19
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	2	0.19
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	2	0.19
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	2	0.19
(30,2212)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	2	0.19
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	2	0.19
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	2	0.19
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	2	0.19
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	2	0.19
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	2	0.19
(30,2212)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	2	0.19
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	2	0.19
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	2	0.19
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	2	0.19
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	2	0.19
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	2	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2212)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	2	0.19
(30,2210)	1:57:A:LEU:HD11	1:60:A:LEU:HG	19	0.19
(30,2210)	1:57:A:LEU:HD12	1:60:A:LEU:HG	19	0.19
(30,2210)	1:57:A:LEU:HD13	1:60:A:LEU:HG	19	0.19
(30,2210)	1:57:A:LEU:HD21	1:60:A:LEU:HG	19	0.19
(30,2210)	1:57:A:LEU:HD22	1:60:A:LEU:HG	19	0.19
(30,2210)	1:57:A:LEU:HD23	1:60:A:LEU:HG	19	0.19
(30,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	2	0.19
(30,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	2	0.19
(30,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	2	0.19
(30,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD21	2	0.19
(30,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD22	2	0.19
(30,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD23	2	0.19
(30,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	2	0.19
(30,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	2	0.19
(30,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	2	0.19
(30,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD21	2	0.19
(30,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD22	2	0.19
(30,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD23	2	0.19
(30,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	2	0.19
(30,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	2	0.19
(30,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	2	0.19
(30,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD21	2	0.19
(30,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD22	2	0.19
(30,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD23	2	0.19
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD11	19	0.19
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD12	19	0.19
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD13	19	0.19
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD21	19	0.19
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD22	19	0.19
(30,2186)	1:47:A:ALA:HA	1:57:A:LEU:HD23	19	0.19
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	6	0.19
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	6	0.19
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	6	0.19
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	6	0.19
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	6	0.19
(30,2168)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	6	0.19
(30,2157)	1:43:A:MET:H	1:43:A:MET:HG2	6	0.19
(30,2157)	1:43:A:MET:H	1:43:A:MET:HG3	6	0.19
(30,2157)	1:43:A:MET:H	1:43:A:MET:HG2	18	0.19
(30,2157)	1:43:A:MET:H	1:43:A:MET:HG3	18	0.19
(30,2098)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	1	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2098)	1:37:A:LEU:HD11	1:41:A:LYS:HG3	1	0.19
(30,2098)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	1	0.19
(30,2098)	1:37:A:LEU:HD12	1:41:A:LYS:HG3	1	0.19
(30,2098)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	1	0.19
(30,2098)	1:37:A:LEU:HD13	1:41:A:LYS:HG3	1	0.19
(30,2085)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	16	0.19
(30,2085)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	16	0.19
(30,2085)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	16	0.19
(30,2085)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	16	0.19
(30,2085)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	16	0.19
(30,2085)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	16	0.19
(30,2074)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	13	0.19
(30,2074)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	13	0.19
(30,2074)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	13	0.19
(30,2074)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	13	0.19
(30,2074)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	13	0.19
(30,2074)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	13	0.19
(30,2056)	1:30:A:LEU:HD11	1:31:A:PRO:HG2	6	0.19
(30,2056)	1:30:A:LEU:HD11	1:31:A:PRO:HG3	6	0.19
(30,2056)	1:30:A:LEU:HD12	1:31:A:PRO:HG2	6	0.19
(30,2056)	1:30:A:LEU:HD12	1:31:A:PRO:HG3	6	0.19
(30,2056)	1:30:A:LEU:HD13	1:31:A:PRO:HG2	6	0.19
(30,2056)	1:30:A:LEU:HD13	1:31:A:PRO:HG3	6	0.19
(30,2056)	1:30:A:LEU:HD21	1:31:A:PRO:HG2	6	0.19
(30,2056)	1:30:A:LEU:HD21	1:31:A:PRO:HG3	6	0.19
(30,2056)	1:30:A:LEU:HD22	1:31:A:PRO:HG2	6	0.19
(30,2056)	1:30:A:LEU:HD22	1:31:A:PRO:HG3	6	0.19
(30,2056)	1:30:A:LEU:HD23	1:31:A:PRO:HG2	6	0.19
(30,2056)	1:30:A:LEU:HD23	1:31:A:PRO:HG3	6	0.19
(30,2044)	1:27:A:ARG:HB2	1:29:A:LYS:H	2	0.19
(30,2044)	1:27:A:ARG:HB3	1:29:A:LYS:H	2	0.19
(30,1971)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	7	0.19
(30,1971)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	7	0.19
(30,1971)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	7	0.19
(30,1971)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	7	0.19
(30,1971)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	7	0.19
(30,1971)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	7	0.19
(30,1971)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	7	0.19
(30,1971)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	7	0.19
(30,1971)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	7	0.19
(30,1971)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	7	0.19
(30,1971)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	7	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1971)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	7	0.19
(30,1971)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	7	0.19
(30,1971)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	7	0.19
(30,1971)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	7	0.19
(30,1971)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	7	0.19
(30,1971)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	7	0.19
(30,1971)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	7	0.19
(30,1897)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	12	0.19
(30,1897)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	12	0.19
(30,1857)	1:9:A:PHE:HZ	1:11:A:ILE:HA	6	0.19
(30,1857)	1:9:A:PHE:HZ	1:11:A:ILE:HA	9	0.19
(30,1842)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	11	0.19
(30,1842)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	11	0.19
(30,1842)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	11	0.19
(30,1819)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	14	0.19
(30,1819)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	14	0.19
(30,1782)	1:80:A:TYR:H	1:80:A:TYR:HD1	5	0.19
(30,1782)	1:80:A:TYR:H	1:80:A:TYR:HD2	5	0.19
(30,1768)	1:66:A:THR:HG21	1:97:A:ASP:HA	13	0.19
(30,1768)	1:66:A:THR:HG22	1:97:A:ASP:HA	13	0.19
(30,1768)	1:66:A:THR:HG23	1:97:A:ASP:HA	13	0.19
(30,1741)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	16	0.19
(30,1741)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	16	0.19
(30,1741)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	16	0.19
(30,1673)	1:107:A:LEU:H	1:111:A:GLU:HB2	3	0.19
(30,1673)	1:107:A:LEU:H	1:111:A:GLU:HB3	3	0.19
(30,1659)	1:69:A:MET:HE1	1:112:A:GLN:H	11	0.19
(30,1659)	1:69:A:MET:HE2	1:112:A:GLN:H	11	0.19
(30,1659)	1:69:A:MET:HE3	1:112:A:GLN:H	11	0.19
(30,1646)	1:134:A:VAL:HG21	1:137:A:SER:H	17	0.19
(30,1646)	1:134:A:VAL:HG22	1:137:A:SER:H	17	0.19
(30,1646)	1:134:A:VAL:HG23	1:137:A:SER:H	17	0.19
(30,1629)	1:79:A:THR:H	1:80:A:TYR:HA	11	0.19
(30,1592)	1:98:A:ILE:HG21	1:101:A:ILE:HD11	3	0.19
(30,1592)	1:98:A:ILE:HG21	1:101:A:ILE:HD12	3	0.19
(30,1592)	1:98:A:ILE:HG21	1:101:A:ILE:HD13	3	0.19
(30,1592)	1:98:A:ILE:HG22	1:101:A:ILE:HD11	3	0.19
(30,1592)	1:98:A:ILE:HG22	1:101:A:ILE:HD12	3	0.19
(30,1592)	1:98:A:ILE:HG22	1:101:A:ILE:HD13	3	0.19
(30,1592)	1:98:A:ILE:HG23	1:101:A:ILE:HD11	3	0.19
(30,1592)	1:98:A:ILE:HG23	1:101:A:ILE:HD12	3	0.19
(30,1592)	1:98:A:ILE:HG23	1:101:A:ILE:HD13	3	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1584)	1:101:A:ILE:HD11	1:112:A:GLN:HA	18	0.19
(30,1584)	1:101:A:ILE:HD12	1:112:A:GLN:HA	18	0.19
(30,1584)	1:101:A:ILE:HD13	1:112:A:GLN:HA	18	0.19
(30,1534)	1:110:A:MET:H	1:110:A:MET:HE1	6	0.19
(30,1534)	1:110:A:MET:H	1:110:A:MET:HE2	6	0.19
(30,1534)	1:110:A:MET:H	1:110:A:MET:HE3	6	0.19
(30,1529)	1:66:A:THR:HG21	1:69:A:MET:HE1	7	0.19
(30,1529)	1:66:A:THR:HG21	1:69:A:MET:HE2	7	0.19
(30,1529)	1:66:A:THR:HG21	1:69:A:MET:HE3	7	0.19
(30,1529)	1:66:A:THR:HG22	1:69:A:MET:HE1	7	0.19
(30,1529)	1:66:A:THR:HG22	1:69:A:MET:HE2	7	0.19
(30,1529)	1:66:A:THR:HG22	1:69:A:MET:HE3	7	0.19
(30,1529)	1:66:A:THR:HG23	1:69:A:MET:HE1	7	0.19
(30,1529)	1:66:A:THR:HG23	1:69:A:MET:HE2	7	0.19
(30,1529)	1:66:A:THR:HG23	1:69:A:MET:HE3	7	0.19
(30,1482)	1:101:A:ILE:HG21	1:102:A:PRO:HD3	3	0.19
(30,1482)	1:101:A:ILE:HG22	1:102:A:PRO:HD3	3	0.19
(30,1482)	1:101:A:ILE:HG23	1:102:A:PRO:HD3	3	0.19
(30,1428)	1:121:A:VAL:HG21	1:122:A:ASP:H	2	0.19
(30,1428)	1:121:A:VAL:HG22	1:122:A:ASP:H	2	0.19
(30,1428)	1:121:A:VAL:HG23	1:122:A:ASP:H	2	0.19
(30,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG11	17	0.19
(30,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG12	17	0.19
(30,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG13	17	0.19
(30,1356)	1:120:A:CYS:HA	1:121:A:VAL:HG11	12	0.19
(30,1356)	1:120:A:CYS:HA	1:121:A:VAL:HG12	12	0.19
(30,1356)	1:120:A:CYS:HA	1:121:A:VAL:HG13	12	0.19
(30,1347)	1:141:A:LYS:HB2	1:149:A:ALA:HA	2	0.19
(30,1347)	1:141:A:LYS:HB3	1:149:A:ALA:HA	2	0.19
(30,1344)	1:114:A:ILE:HA	1:117:A:VAL:HG11	14	0.19
(30,1344)	1:114:A:ILE:HA	1:117:A:VAL:HG12	14	0.19
(30,1344)	1:114:A:ILE:HA	1:117:A:VAL:HG13	14	0.19
(30,1344)	1:114:A:ILE:HA	1:117:A:VAL:HG11	19	0.19
(30,1344)	1:114:A:ILE:HA	1:117:A:VAL:HG12	19	0.19
(30,1344)	1:114:A:ILE:HA	1:117:A:VAL:HG13	19	0.19
(30,1319)	1:123:A:CYS:HB2	1:128:A:LEU:HD11	8	0.19
(30,1319)	1:123:A:CYS:HB2	1:128:A:LEU:HD12	8	0.19
(30,1319)	1:123:A:CYS:HB2	1:128:A:LEU:HD13	8	0.19
(30,1272)	1:45:A:ALA:HA	1:48:A:ARG:HB2	15	0.19
(30,1272)	1:45:A:ALA:HA	1:48:A:ARG:HB3	15	0.19
(30,1215)	1:110:A:MET:HA	1:113:A:PHE:HB2	7	0.19
(30,1029)	1:11:A:ILE:HA	1:11:A:ILE:HG12	14	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1018)	1:41:A:LYS:HA	1:44:A:GLU:HB2	16	0.19
(30,1018)	1:41:A:LYS:HA	1:44:A:GLU:HB3	16	0.19
(30,1007)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	14	0.19
(30,1007)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	14	0.19
(30,1007)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	14	0.19
(30,1007)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	14	0.19
(30,1004)	1:66:A:THR:HG21	1:96:A:VAL:HA	2	0.19
(30,1004)	1:66:A:THR:HG22	1:96:A:VAL:HA	2	0.19
(30,1004)	1:66:A:THR:HG23	1:96:A:VAL:HA	2	0.19
(30,983)	1:105:A:LYS:HD2	1:107:A:LEU:H	9	0.19
(30,983)	1:105:A:LYS:HD3	1:107:A:LEU:H	9	0.19
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG11	1	0.19
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG12	1	0.19
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG13	1	0.19
(30,953)	1:70:A:LYS:HB2	1:74:A:PRO:HA	8	0.19
(30,953)	1:70:A:LYS:HB3	1:74:A:PRO:HA	8	0.19
(30,946)	1:40:A:LEU:HA	1:43:A:MET:HG2	3	0.19
(30,934)	1:69:A:MET:HG2	1:109:A:PRO:HA	8	0.19
(30,934)	1:69:A:MET:HG2	1:109:A:PRO:HA	16	0.19
(30,921)	1:81:A:GLU:H	1:81:A:GLU:HG2	6	0.19
(30,921)	1:81:A:GLU:H	1:81:A:GLU:HG3	6	0.19
(30,919)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	18	0.19
(30,919)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	18	0.19
(30,919)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	18	0.19
(30,919)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	18	0.19
(30,919)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	18	0.19
(30,919)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	18	0.19
(30,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	9	0.19
(30,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	9	0.19
(30,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	9	0.19
(30,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	9	0.19
(30,805)	1:98:A:ILE:HD11	1:100:A:ALA:H	3	0.19
(30,805)	1:98:A:ILE:HD12	1:100:A:ALA:H	3	0.19
(30,805)	1:98:A:ILE:HD13	1:100:A:ALA:H	3	0.19
(30,795)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	9	0.19
(30,795)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	9	0.19
(30,795)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	9	0.19
(30,659)	1:103:A:ARG:HG2	1:106:A:ASP:H	14	0.19
(30,659)	1:103:A:ARG:HG3	1:106:A:ASP:H	14	0.19
(30,443)	1:73:A:ILE:HB	1:76:A:ARG:H	5	0.19
(30,399)	1:105:A:LYS:HG3	1:106:A:ASP:H	3	0.19
(30,333)	1:120:A:CYS:HA	1:122:A:ASP:H	11	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,224)	1:9:A:PHE:HE1	1:10:A:ASN:H	13	0.19
(30,224)	1:9:A:PHE:HE2	1:10:A:ASN:H	13	0.19
(30,126)	1:80:A:TYR:H	1:80:A:TYR:HB3	6	0.19
(30,126)	1:80:A:TYR:H	1:80:A:TYR:HB2	6	0.19
(30,64)	1:80:A:TYR:HB3	1:81:A:GLU:H	19	0.19
(30,64)	1:80:A:TYR:HB2	1:81:A:GLU:H	19	0.19
(30,50)	1:98:A:ILE:H	1:101:A:ILE:HG21	5	0.19
(30,50)	1:98:A:ILE:H	1:101:A:ILE:HG22	5	0.19
(30,50)	1:98:A:ILE:H	1:101:A:ILE:HG23	5	0.19
(29,2395)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	14	0.19
(29,2395)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	14	0.19
(29,2395)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	14	0.19
(29,2395)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	14	0.19
(29,2395)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	14	0.19
(29,2395)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	14	0.19
(29,2390)	1:132:A:ALA:HA	1:133:A:ASN:HB2	1	0.19
(29,2390)	1:132:A:ALA:HA	1:133:A:ASN:HB3	1	0.19
(29,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	11	0.19
(29,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	11	0.19
(29,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	11	0.19
(29,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	11	0.19
(29,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	11	0.19
(29,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	11	0.19
(29,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	11	0.19
(29,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	11	0.19
(29,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	11	0.19
(29,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	11	0.19
(29,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	11	0.19
(29,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	11	0.19
(29,2166)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	2	0.19
(29,2166)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	2	0.19
(29,2166)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	2	0.19
(29,2166)	1:47:A:ALA:HB1	1:57:A:LEU:HD21	2	0.19
(29,2166)	1:47:A:ALA:HB1	1:57:A:LEU:HD22	2	0.19
(29,2166)	1:47:A:ALA:HB1	1:57:A:LEU:HD23	2	0.19
(29,2166)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	2	0.19
(29,2166)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	2	0.19
(29,2166)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	2	0.19
(29,2166)	1:47:A:ALA:HB2	1:57:A:LEU:HD21	2	0.19
(29,2166)	1:47:A:ALA:HB2	1:57:A:LEU:HD22	2	0.19
(29,2166)	1:47:A:ALA:HB2	1:57:A:LEU:HD23	2	0.19
(29,2166)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	2	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2166)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	2	0.19
(29,2166)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	2	0.19
(29,2166)	1:47:A:ALA:HB3	1:57:A:LEU:HD21	2	0.19
(29,2166)	1:47:A:ALA:HB3	1:57:A:LEU:HD22	2	0.19
(29,2166)	1:47:A:ALA:HB3	1:57:A:LEU:HD23	2	0.19
(29,2129)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	9	0.19
(29,2129)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	9	0.19
(29,2129)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	9	0.19
(29,2129)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	9	0.19
(29,2129)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	9	0.19
(29,2129)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	9	0.19
(29,2077)	1:32:A:GLY:HA2	1:34:A:LYS:H	9	0.19
(29,2077)	1:32:A:GLY:HA3	1:34:A:LYS:H	9	0.19
(29,2060)	1:27:A:ARG:H	1:30:A:LEU:HD11	10	0.19
(29,2060)	1:27:A:ARG:H	1:30:A:LEU:HD12	10	0.19
(29,2060)	1:27:A:ARG:H	1:30:A:LEU:HD13	10	0.19
(29,2060)	1:27:A:ARG:H	1:30:A:LEU:HD21	10	0.19
(29,2060)	1:27:A:ARG:H	1:30:A:LEU:HD22	10	0.19
(29,2060)	1:27:A:ARG:H	1:30:A:LEU:HD23	10	0.19
(29,2043)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	8	0.19
(29,2043)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	8	0.19
(29,2043)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	8	0.19
(29,2043)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	8	0.19
(29,2043)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	8	0.19
(29,2043)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	8	0.19
(29,2043)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	8	0.19
(29,2043)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	8	0.19
(29,2043)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	8	0.19
(29,2043)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	8	0.19
(29,2043)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	8	0.19
(29,2043)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	8	0.19
(29,1996)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	9	0.19
(29,1996)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	9	0.19
(29,1996)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	9	0.19
(29,1996)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	9	0.19
(29,1996)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	9	0.19
(29,1996)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	9	0.19
(29,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	17	0.19
(29,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	17	0.19
(29,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	17	0.19
(29,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	17	0.19
(29,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	17	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	17	0.19
(29,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	17	0.19
(29,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	17	0.19
(29,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	17	0.19
(29,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	17	0.19
(29,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	17	0.19
(29,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	17	0.19
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	2	0.19
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	2	0.19
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	2	0.19
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	2	0.19
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	2	0.19
(29,1968)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	2	0.19
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	2	0.19
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	2	0.19
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	2	0.19
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	2	0.19
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	2	0.19
(29,1968)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	2	0.19
(29,1922)	1:151:A:PHE:H	1:151:A:PHE:HD1	11	0.19
(29,1922)	1:151:A:PHE:H	1:151:A:PHE:HD2	11	0.19
(29,1914)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	12	0.19
(29,1914)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	12	0.19
(29,1888)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	13	0.19
(29,1888)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	13	0.19
(29,1888)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	13	0.19
(29,1888)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	13	0.19
(29,1888)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	13	0.19
(29,1888)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	13	0.19
(29,1863)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	16	0.19
(29,1863)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	16	0.19
(29,1863)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	16	0.19
(29,1761)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	4	0.19
(29,1761)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	4	0.19
(29,1761)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	4	0.19
(29,1761)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	4	0.19
(29,1748)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	12	0.19
(29,1748)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	12	0.19
(29,1748)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	12	0.19
(29,1740)	1:13:A:ALA:HA	1:79:A:THR:HG21	18	0.19
(29,1740)	1:13:A:ALA:HA	1:79:A:THR:HG22	18	0.19
(29,1740)	1:13:A:ALA:HA	1:79:A:THR:HG23	18	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1692)	1:107:A:LEU:H	1:111:A:GLU:HB2	3	0.19
(29,1692)	1:107:A:LEU:H	1:111:A:GLU:HB3	3	0.19
(29,1676)	1:47:A:ALA:HB1	1:134:A:VAL:HG11	1	0.19
(29,1676)	1:47:A:ALA:HB1	1:134:A:VAL:HG12	1	0.19
(29,1676)	1:47:A:ALA:HB1	1:134:A:VAL:HG13	1	0.19
(29,1676)	1:47:A:ALA:HB2	1:134:A:VAL:HG11	1	0.19
(29,1676)	1:47:A:ALA:HB2	1:134:A:VAL:HG12	1	0.19
(29,1676)	1:47:A:ALA:HB2	1:134:A:VAL:HG13	1	0.19
(29,1676)	1:47:A:ALA:HB3	1:134:A:VAL:HG11	1	0.19
(29,1676)	1:47:A:ALA:HB3	1:134:A:VAL:HG12	1	0.19
(29,1676)	1:47:A:ALA:HB3	1:134:A:VAL:HG13	1	0.19
(29,1663)	1:134:A:VAL:HG21	1:137:A:SER:H	17	0.19
(29,1663)	1:134:A:VAL:HG22	1:137:A:SER:H	17	0.19
(29,1663)	1:134:A:VAL:HG23	1:137:A:SER:H	17	0.19
(29,1642)	1:79:A:THR:H	1:80:A:TYR:HA	11	0.19
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	2	0.19
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	2	0.19
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	2	0.19
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	2	0.19
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	2	0.19
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	2	0.19
(29,1603)	1:98:A:ILE:HG21	1:101:A:ILE:HD11	3	0.19
(29,1603)	1:98:A:ILE:HG21	1:101:A:ILE:HD12	3	0.19
(29,1603)	1:98:A:ILE:HG21	1:101:A:ILE:HD13	3	0.19
(29,1603)	1:98:A:ILE:HG22	1:101:A:ILE:HD11	3	0.19
(29,1603)	1:98:A:ILE:HG22	1:101:A:ILE:HD12	3	0.19
(29,1603)	1:98:A:ILE:HG22	1:101:A:ILE:HD13	3	0.19
(29,1603)	1:98:A:ILE:HG23	1:101:A:ILE:HD11	3	0.19
(29,1603)	1:98:A:ILE:HG23	1:101:A:ILE:HD12	3	0.19
(29,1603)	1:98:A:ILE:HG23	1:101:A:ILE:HD13	3	0.19
(29,1598)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	3	0.19
(29,1598)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	3	0.19
(29,1598)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	3	0.19
(29,1580)	1:11:A:ILE:HD11	1:14:A:VAL:H	15	0.19
(29,1580)	1:11:A:ILE:HD12	1:14:A:VAL:H	15	0.19
(29,1580)	1:11:A:ILE:HD13	1:14:A:VAL:H	15	0.19
(29,1550)	1:110:A:MET:H	1:110:A:MET:HE1	10	0.19
(29,1550)	1:110:A:MET:H	1:110:A:MET:HE2	10	0.19
(29,1550)	1:110:A:MET:H	1:110:A:MET:HE3	10	0.19
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE1	18	0.19
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE2	18	0.19
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE3	18	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1447)	1:31:A:PRO:HD3	1:144:A:LEU:HA	14	0.19
(29,1288)	1:45:A:ALA:HA	1:48:A:ARG:HB2	15	0.19
(29,1288)	1:45:A:ALA:HA	1:48:A:ARG:HB3	15	0.19
(29,1282)	1:114:A:ILE:HA	1:117:A:VAL:HG11	14	0.19
(29,1282)	1:114:A:ILE:HA	1:117:A:VAL:HG12	14	0.19
(29,1282)	1:114:A:ILE:HA	1:117:A:VAL:HG13	14	0.19
(29,1282)	1:114:A:ILE:HA	1:117:A:VAL:HG11	19	0.19
(29,1282)	1:114:A:ILE:HA	1:117:A:VAL:HG12	19	0.19
(29,1282)	1:114:A:ILE:HA	1:117:A:VAL:HG13	19	0.19
(29,1219)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	18	0.19
(29,1219)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	18	0.19
(29,1219)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	18	0.19
(29,1205)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	15	0.19
(29,1205)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	15	0.19
(29,1205)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	15	0.19
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD21	6	0.19
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD22	6	0.19
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD23	6	0.19
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD21	7	0.19
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD22	7	0.19
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD23	7	0.19
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD21	14	0.19
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD22	14	0.19
(29,1195)	1:116:A:GLN:HA	1:119:A:LEU:HD23	14	0.19
(29,1191)	1:128:A:LEU:HD21	1:129:A:LYS:H	7	0.19
(29,1191)	1:128:A:LEU:HD22	1:129:A:LYS:H	7	0.19
(29,1191)	1:128:A:LEU:HD23	1:129:A:LYS:H	7	0.19
(29,1122)	1:41:A:LYS:HA	1:44:A:GLU:HG2	4	0.19
(29,1043)	1:41:A:LYS:HA	1:44:A:GLU:HB2	16	0.19
(29,1043)	1:41:A:LYS:HA	1:44:A:GLU:HB3	16	0.19
(29,1040)	1:8:A:ASP:H	1:58:A:ILE:HG12	4	0.19
(29,1027)	1:34:A:LYS:H	1:81:A:GLU:HB2	9	0.19
(29,919)	1:19:A:ALA:HA	1:20:A:THR:HB	11	0.19
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD11	4	0.19
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD12	4	0.19
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD13	4	0.19
(29,795)	1:101:A:ILE:HD11	1:119:A:LEU:HG	8	0.19
(29,795)	1:101:A:ILE:HD12	1:119:A:LEU:HG	8	0.19
(29,795)	1:101:A:ILE:HD13	1:119:A:LEU:HG	8	0.19
(29,771)	1:141:A:LYS:H	1:143:A:TRP:HB2	6	0.19
(29,727)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	2	0.19
(29,727)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	2	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,727)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	2	0.19
(29,704)	1:98:A:ILE:H	1:100:A:ALA:H	10	0.19
(29,669)	1:103:A:ARG:HG2	1:106:A:ASP:H	14	0.19
(29,669)	1:103:A:ARG:HG3	1:106:A:ASP:H	14	0.19
(29,662)	1:101:A:ILE:H	1:104:A:PHE:HB3	7	0.19
(29,625)	1:118:A:ASP:HB3	1:120:A:CYS:H	6	0.19
(29,491)	1:105:A:LYS:H	1:107:A:LEU:H	19	0.19
(29,454)	1:142:A:LYS:H	1:143:A:TRP:HB2	7	0.19
(29,413)	1:125:A:THR:H	1:128:A:LEU:HG	19	0.19
(29,351)	1:104:A:PHE:H	1:104:A:PHE:HD1	8	0.19
(29,351)	1:104:A:PHE:H	1:104:A:PHE:HD2	8	0.19
(29,331)	1:120:A:CYS:HA	1:122:A:ASP:H	11	0.19
(29,279)	1:113:A:PHE:H	1:116:A:GLN:HG3	7	0.19
(29,210)	1:101:A:ILE:H	1:101:A:ILE:HB	19	0.19
(29,185)	1:93:A:GLU:H	1:93:A:GLU:HG2	6	0.19
(29,185)	1:93:A:GLU:H	1:93:A:GLU:HG3	6	0.19
(29,112)	1:69:A:MET:H	1:73:A:ILE:HD11	3	0.19
(29,112)	1:69:A:MET:H	1:73:A:ILE:HD12	3	0.19
(29,112)	1:69:A:MET:H	1:73:A:ILE:HD13	3	0.19
(29,112)	1:69:A:MET:H	1:73:A:ILE:HD11	17	0.19
(29,112)	1:69:A:MET:H	1:73:A:ILE:HD12	17	0.19
(29,112)	1:69:A:MET:H	1:73:A:ILE:HD13	17	0.19
(29,83)	1:43:A:MET:HB2	1:45:A:ALA:H	15	0.19
(24,29)	1:114:A:ILE:H	1:110:A:MET:O	8	0.19
(24,29)	1:114:A:ILE:H	1:110:A:MET:O	17	0.19
(24,27)	1:113:A:PHE:H	1:109:A:PRO:O	4	0.19
(24,27)	1:113:A:PHE:H	1:109:A:PRO:O	6	0.19
(24,27)	1:113:A:PHE:H	1:109:A:PRO:O	8	0.19
(24,27)	1:113:A:PHE:H	1:109:A:PRO:O	9	0.19
(24,23)	1:101:A:ILE:H	1:98:A:ILE:O	1	0.19
(24,23)	1:101:A:ILE:H	1:98:A:ILE:O	13	0.19
(24,23)	1:101:A:ILE:H	1:98:A:ILE:O	18	0.19
(23,20)	1:128:A:LEU:N	1:124:A:THR:O	11	0.19
(23,11)	1:107:A:LEU:N	1:103:A:ARG:O	8	0.19
(23,4)	1:45:A:ALA:N	1:41:A:LYS:O	5	0.19
(22,22)	1:107:A:LEU:N	1:103:A:ARG:C	2	0.19
(22,22)	1:107:A:LEU:N	1:103:A:ARG:C	4	0.19
(22,19)	1:101:A:ILE:H	1:98:A:ILE:C	3	0.19
(22,18)	1:73:A:ILE:N	1:69:A:MET:C	19	0.19
(22,4)	1:39:A:VAL:N	1:36:A:PRO:C	19	0.19
(22,3)	1:39:A:VAL:H	1:36:A:PRO:C	15	0.19
(18,2452)	1:141:A:LYS:HA	1:144:A:LEU:HD11	11	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2452)	1:141:A:LYS:HA	1:144:A:LEU:HD12	11	0.19
(18,2452)	1:141:A:LYS:HA	1:144:A:LEU:HD13	11	0.19
(18,2452)	1:141:A:LYS:HA	1:144:A:LEU:HD21	11	0.19
(18,2452)	1:141:A:LYS:HA	1:144:A:LEU:HD22	11	0.19
(18,2452)	1:141:A:LYS:HA	1:144:A:LEU:HD23	11	0.19
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD11	18	0.19
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD12	18	0.19
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD13	18	0.19
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD21	18	0.19
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD22	18	0.19
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD23	18	0.19
(18,2347)	1:116:A:GLN:HB2	1:119:A:LEU:HD11	15	0.19
(18,2347)	1:116:A:GLN:HB2	1:119:A:LEU:HD12	15	0.19
(18,2347)	1:116:A:GLN:HB2	1:119:A:LEU:HD13	15	0.19
(18,2347)	1:116:A:GLN:HB2	1:119:A:LEU:HD21	15	0.19
(18,2347)	1:116:A:GLN:HB2	1:119:A:LEU:HD22	15	0.19
(18,2347)	1:116:A:GLN:HB2	1:119:A:LEU:HD23	15	0.19
(18,2347)	1:116:A:GLN:HB3	1:119:A:LEU:HD11	15	0.19
(18,2347)	1:116:A:GLN:HB3	1:119:A:LEU:HD12	15	0.19
(18,2347)	1:116:A:GLN:HB3	1:119:A:LEU:HD13	15	0.19
(18,2347)	1:116:A:GLN:HB3	1:119:A:LEU:HD21	15	0.19
(18,2347)	1:116:A:GLN:HB3	1:119:A:LEU:HD22	15	0.19
(18,2347)	1:116:A:GLN:HB3	1:119:A:LEU:HD23	15	0.19
(18,2316)	1:107:A:LEU:HD11	1:108:A:GLU:H	15	0.19
(18,2316)	1:107:A:LEU:HD12	1:108:A:GLU:H	15	0.19
(18,2316)	1:107:A:LEU:HD13	1:108:A:GLU:H	15	0.19
(18,2316)	1:107:A:LEU:HD21	1:108:A:GLU:H	15	0.19
(18,2316)	1:107:A:LEU:HD22	1:108:A:GLU:H	15	0.19
(18,2316)	1:107:A:LEU:HD23	1:108:A:GLU:H	15	0.19
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	12	0.19
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	12	0.19
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	12	0.19
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	12	0.19
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	12	0.19
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	12	0.19
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	12	0.19
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	12	0.19
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	12	0.19
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	12	0.19
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	12	0.19
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	12	0.19
(18,2281)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	11	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2281)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	11	0.19
(18,2281)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	11	0.19
(18,2281)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	11	0.19
(18,2281)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	11	0.19
(18,2281)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	11	0.19
(18,2281)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	11	0.19
(18,2281)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	11	0.19
(18,2281)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	11	0.19
(18,2281)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	11	0.19
(18,2281)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	11	0.19
(18,2281)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	11	0.19
(18,2190)	1:54:A:ARG:HB2	1:58:A:ILE:HD11	12	0.19
(18,2190)	1:54:A:ARG:HB2	1:58:A:ILE:HD12	12	0.19
(18,2190)	1:54:A:ARG:HB2	1:58:A:ILE:HD13	12	0.19
(18,2190)	1:54:A:ARG:HB3	1:58:A:ILE:HD11	12	0.19
(18,2190)	1:54:A:ARG:HB3	1:58:A:ILE:HD12	12	0.19
(18,2190)	1:54:A:ARG:HB3	1:58:A:ILE:HD13	12	0.19
(18,2168)	1:46:A:ASN:HD21	1:47:A:ALA:H	10	0.19
(18,2168)	1:46:A:ASN:HD22	1:47:A:ALA:H	10	0.19
(18,2129)	1:41:A:LYS:HA	1:44:A:GLU:HG2	4	0.19
(18,2129)	1:41:A:LYS:HA	1:44:A:GLU:HG3	4	0.19
(18,2054)	1:30:A:LEU:HD11	1:136:A:CYS:HA	2	0.19
(18,2054)	1:30:A:LEU:HD12	1:136:A:CYS:HA	2	0.19
(18,2054)	1:30:A:LEU:HD13	1:136:A:CYS:HA	2	0.19
(18,2054)	1:30:A:LEU:HD21	1:136:A:CYS:HA	2	0.19
(18,2054)	1:30:A:LEU:HD22	1:136:A:CYS:HA	2	0.19
(18,2054)	1:30:A:LEU:HD23	1:136:A:CYS:HA	2	0.19
(18,1970)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	17	0.19
(18,1970)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	17	0.19
(18,1970)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	17	0.19
(18,1970)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	17	0.19
(18,1970)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	17	0.19
(18,1970)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	17	0.19
(18,1970)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	17	0.19
(18,1970)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	17	0.19
(18,1970)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	17	0.19
(18,1970)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	17	0.19
(18,1970)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	17	0.19
(18,1970)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	17	0.19
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD11	7	0.19
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD12	7	0.19
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD13	7	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD21	7	0.19
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD22	7	0.19
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD23	7	0.19
(18,1893)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	15	0.19
(18,1893)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	15	0.19
(18,1893)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	15	0.19
(18,1893)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	15	0.19
(18,1843)	1:9:A:PHE:HZ	1:11:A:ILE:HA	6	0.19
(18,1843)	1:9:A:PHE:HZ	1:11:A:ILE:HA	9	0.19
(18,1839)	1:9:A:PHE:HD1	1:11:A:ILE:H	12	0.19
(18,1839)	1:9:A:PHE:HD2	1:11:A:ILE:H	12	0.19
(18,1830)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	11	0.19
(18,1830)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	11	0.19
(18,1830)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	11	0.19
(18,1807)	1:18:A:PHE:HE1	1:131:A:LEU:HB2	13	0.19
(18,1807)	1:18:A:PHE:HE2	1:131:A:LEU:HB2	13	0.19
(18,1778)	1:68:A:LYS:HA	1:72:A:PHE:HD1	9	0.19
(18,1778)	1:68:A:LYS:HA	1:72:A:PHE:HD2	9	0.19
(18,1643)	1:69:A:MET:HE1	1:116:A:GLN:HG3	5	0.19
(18,1643)	1:69:A:MET:HE2	1:116:A:GLN:HG3	5	0.19
(18,1643)	1:69:A:MET:HE3	1:116:A:GLN:HG3	5	0.19
(18,1640)	1:69:A:MET:HE1	1:112:A:GLN:H	11	0.19
(18,1640)	1:69:A:MET:HE2	1:112:A:GLN:H	11	0.19
(18,1640)	1:69:A:MET:HE3	1:112:A:GLN:H	11	0.19
(18,1633)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	8	0.19
(18,1633)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	8	0.19
(18,1633)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	8	0.19
(18,1614)	1:79:A:THR:H	1:80:A:TYR:HA	11	0.19
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	2	0.19
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	2	0.19
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	2	0.19
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	2	0.19
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	2	0.19
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	2	0.19
(18,1575)	1:98:A:ILE:HG21	1:104:A:PHE:HE1	12	0.19
(18,1575)	1:98:A:ILE:HG21	1:104:A:PHE:HE2	12	0.19
(18,1575)	1:98:A:ILE:HG22	1:104:A:PHE:HE1	12	0.19
(18,1575)	1:98:A:ILE:HG22	1:104:A:PHE:HE2	12	0.19
(18,1575)	1:98:A:ILE:HG23	1:104:A:PHE:HE1	12	0.19
(18,1575)	1:98:A:ILE:HG23	1:104:A:PHE:HE2	12	0.19
(18,1574)	1:98:A:ILE:HG21	1:101:A:ILE:HD11	3	0.19
(18,1574)	1:98:A:ILE:HG21	1:101:A:ILE:HD12	3	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1574)	1:98:A:ILE:HG21	1:101:A:ILE:HD13	3	0.19
(18,1574)	1:98:A:ILE:HG22	1:101:A:ILE:HD11	3	0.19
(18,1574)	1:98:A:ILE:HG22	1:101:A:ILE:HD12	3	0.19
(18,1574)	1:98:A:ILE:HG22	1:101:A:ILE:HD13	3	0.19
(18,1574)	1:98:A:ILE:HG23	1:101:A:ILE:HD11	3	0.19
(18,1574)	1:98:A:ILE:HG23	1:101:A:ILE:HD12	3	0.19
(18,1574)	1:98:A:ILE:HG23	1:101:A:ILE:HD13	3	0.19
(18,1570)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	3	0.19
(18,1570)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	3	0.19
(18,1570)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	3	0.19
(18,1569)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	12	0.19
(18,1569)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	12	0.19
(18,1569)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	12	0.19
(18,1551)	1:11:A:ILE:HD11	1:14:A:VAL:H	15	0.19
(18,1551)	1:11:A:ILE:HD12	1:14:A:VAL:H	15	0.19
(18,1551)	1:11:A:ILE:HD13	1:14:A:VAL:H	15	0.19
(18,1528)	1:110:A:MET:HE1	1:114:A:ILE:HG12	8	0.19
(18,1528)	1:110:A:MET:HE2	1:114:A:ILE:HG12	8	0.19
(18,1528)	1:110:A:MET:HE3	1:114:A:ILE:HG12	8	0.19
(18,1528)	1:110:A:MET:HE1	1:114:A:ILE:HG12	15	0.19
(18,1528)	1:110:A:MET:HE2	1:114:A:ILE:HG12	15	0.19
(18,1528)	1:110:A:MET:HE3	1:114:A:ILE:HG12	15	0.19
(18,1528)	1:110:A:MET:HE1	1:114:A:ILE:HG12	17	0.19
(18,1528)	1:110:A:MET:HE2	1:114:A:ILE:HG12	17	0.19
(18,1528)	1:110:A:MET:HE3	1:114:A:ILE:HG12	17	0.19
(18,1526)	1:110:A:MET:H	1:110:A:MET:HE1	6	0.19
(18,1526)	1:110:A:MET:H	1:110:A:MET:HE2	6	0.19
(18,1526)	1:110:A:MET:H	1:110:A:MET:HE3	6	0.19
(18,1523)	1:69:A:MET:HE1	1:112:A:GLN:HG2	2	0.19
(18,1523)	1:69:A:MET:HE1	1:112:A:GLN:HG3	2	0.19
(18,1523)	1:69:A:MET:HE2	1:112:A:GLN:HG2	2	0.19
(18,1523)	1:69:A:MET:HE2	1:112:A:GLN:HG3	2	0.19
(18,1523)	1:69:A:MET:HE3	1:112:A:GLN:HG2	2	0.19
(18,1523)	1:69:A:MET:HE3	1:112:A:GLN:HG3	2	0.19
(18,1508)	1:69:A:MET:HE1	1:115:A:ALA:H	4	0.19
(18,1508)	1:69:A:MET:HE2	1:115:A:ALA:H	4	0.19
(18,1508)	1:69:A:MET:HE3	1:115:A:ALA:H	4	0.19
(18,1488)	1:114:A:ILE:HG21	1:117:A:VAL:HB	3	0.19
(18,1488)	1:114:A:ILE:HG22	1:117:A:VAL:HB	3	0.19
(18,1488)	1:114:A:ILE:HG23	1:117:A:VAL:HB	3	0.19
(18,1358)	1:21:A:THR:H	1:21:A:THR:HG21	10	0.19
(18,1358)	1:21:A:THR:H	1:21:A:THR:HG22	10	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1358)	1:21:A:THR:H	1:21:A:THR:HG23	10	0.19
(18,1352)	1:118:A:ASP:HA	1:121:A:VAL:HG11	4	0.19
(18,1352)	1:118:A:ASP:HA	1:121:A:VAL:HG12	4	0.19
(18,1352)	1:118:A:ASP:HA	1:121:A:VAL:HG13	4	0.19
(18,1124)	1:43:A:MET:HA	1:43:A:MET:HG3	7	0.19
(18,1099)	1:138:A:ASP:HA	1:141:A:LYS:HA	4	0.19
(18,1054)	1:11:A:ILE:HA	1:11:A:ILE:HG12	14	0.19
(18,1029)	1:81:A:GLU:H	1:81:A:GLU:HB2	16	0.19
(18,978)	1:138:A:ASP:HA	1:141:A:LYS:HB2	15	0.19
(18,978)	1:138:A:ASP:HA	1:141:A:LYS:HB3	15	0.19
(18,945)	1:101:A:ILE:HD11	1:112:A:GLN:HG2	10	0.19
(18,945)	1:101:A:ILE:HD11	1:112:A:GLN:HG3	10	0.19
(18,945)	1:101:A:ILE:HD12	1:112:A:GLN:HG2	10	0.19
(18,945)	1:101:A:ILE:HD12	1:112:A:GLN:HG3	10	0.19
(18,945)	1:101:A:ILE:HD13	1:112:A:GLN:HG2	10	0.19
(18,945)	1:101:A:ILE:HD13	1:112:A:GLN:HG3	10	0.19
(18,927)	1:125:A:THR:HB	1:128:A:LEU:HB2	3	0.19
(18,920)	1:19:A:ALA:HA	1:20:A:THR:HB	11	0.19
(18,868)	1:37:A:LEU:HB3	1:40:A:LEU:H	3	0.19
(18,821)	1:98:A:ILE:HD11	1:100:A:ALA:H	3	0.19
(18,821)	1:98:A:ILE:HD12	1:100:A:ALA:H	3	0.19
(18,821)	1:98:A:ILE:HD13	1:100:A:ALA:H	3	0.19
(18,812)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	6	0.19
(18,812)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	6	0.19
(18,812)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	6	0.19
(18,812)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	6	0.19
(18,812)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	6	0.19
(18,812)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	6	0.19
(18,809)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	9	0.19
(18,809)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	9	0.19
(18,809)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	9	0.19
(18,772)	1:141:A:LYS:H	1:143:A:TRP:HB2	6	0.19
(18,739)	1:16:A:SER:H	1:17:A:ASN:HD21	15	0.19
(18,720)	1:23:A:LEU:HD21	1:27:A:ARG:HE	1	0.19
(18,720)	1:23:A:LEU:HD22	1:27:A:ARG:HE	1	0.19
(18,720)	1:23:A:LEU:HD23	1:27:A:ARG:HE	1	0.19
(18,720)	1:23:A:LEU:HD21	1:27:A:ARG:HE	2	0.19
(18,720)	1:23:A:LEU:HD22	1:27:A:ARG:HE	2	0.19
(18,720)	1:23:A:LEU:HD23	1:27:A:ARG:HE	2	0.19
(18,677)	1:103:A:ARG:HG2	1:106:A:ASP:H	14	0.19
(18,677)	1:103:A:ARG:HG3	1:106:A:ASP:H	14	0.19
(18,669)	1:101:A:ILE:H	1:104:A:PHE:HB3	7	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,633)	1:118:A:ASP:HB3	1:120:A:CYS:H	6	0.19
(18,593)	1:129:A:LYS:HB2	1:130:A:GLY:H	14	0.19
(18,593)	1:129:A:LYS:HB3	1:130:A:GLY:H	14	0.19
(18,593)	1:129:A:LYS:HB2	1:130:A:GLY:H	16	0.19
(18,593)	1:129:A:LYS:HB3	1:130:A:GLY:H	16	0.19
(18,593)	1:129:A:LYS:HB2	1:130:A:GLY:H	17	0.19
(18,593)	1:129:A:LYS:HB3	1:130:A:GLY:H	17	0.19
(18,543)	1:71:A:LYS:HB2	1:72:A:PHE:H	7	0.19
(18,463)	1:142:A:LYS:H	1:143:A:TRP:HB2	7	0.19
(18,342)	1:120:A:CYS:HA	1:122:A:ASP:H	11	0.19
(18,228)	1:9:A:PHE:HE1	1:10:A:ASN:H	13	0.19
(18,228)	1:9:A:PHE:HE2	1:10:A:ASN:H	13	0.19
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD11	9	0.19
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD12	9	0.19
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD13	9	0.19
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD11	11	0.19
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD12	11	0.19
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD13	11	0.19
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD11	17	0.19
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD12	17	0.19
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD13	17	0.19
(18,184)	1:93:A:GLU:H	1:93:A:GLU:HB2	4	0.19
(18,184)	1:93:A:GLU:H	1:93:A:GLU:HB3	4	0.19
(18,166)	1:95:A:ILE:H	1:95:A:ILE:HB	6	0.19
(18,127)	1:48:A:ARG:HD2	1:49:A:LYS:H	11	0.19
(18,127)	1:48:A:ARG:HD3	1:49:A:LYS:H	11	0.19
(18,121)	1:79:A:THR:H	1:80:A:TYR:H	5	0.19
(18,51)	1:44:A:GLU:HB2	1:47:A:ALA:H	9	0.19
(18,51)	1:44:A:GLU:HB3	1:47:A:ALA:H	9	0.19
(17,2458)	1:140:A:LEU:HD11	1:144:A:LEU:H	6	0.19
(17,2458)	1:140:A:LEU:HD12	1:144:A:LEU:H	6	0.19
(17,2458)	1:140:A:LEU:HD13	1:144:A:LEU:H	6	0.19
(17,2458)	1:140:A:LEU:HD21	1:144:A:LEU:H	6	0.19
(17,2458)	1:140:A:LEU:HD22	1:144:A:LEU:H	6	0.19
(17,2458)	1:140:A:LEU:HD23	1:144:A:LEU:H	6	0.19
(17,2358)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	17	0.19
(17,2358)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	17	0.19
(17,2358)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	17	0.19
(17,2358)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	17	0.19
(17,2358)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	17	0.19
(17,2358)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	17	0.19
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG11	16	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG12	16	0.19
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG13	16	0.19
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG21	16	0.19
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG22	16	0.19
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG23	16	0.19
(17,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	17	0.19
(17,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	17	0.19
(17,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	17	0.19
(17,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD21	17	0.19
(17,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD22	17	0.19
(17,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD23	17	0.19
(17,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	17	0.19
(17,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	17	0.19
(17,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	17	0.19
(17,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD21	17	0.19
(17,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD22	17	0.19
(17,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD23	17	0.19
(17,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	17	0.19
(17,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	17	0.19
(17,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	17	0.19
(17,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD21	17	0.19
(17,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD22	17	0.19
(17,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD23	17	0.19
(17,2158)	1:43:A:MET:H	1:43:A:MET:HG2	8	0.19
(17,2158)	1:43:A:MET:H	1:43:A:MET:HG3	8	0.19
(17,2055)	1:27:A:ARG:H	1:30:A:LEU:HD11	10	0.19
(17,2055)	1:27:A:ARG:H	1:30:A:LEU:HD12	10	0.19
(17,2055)	1:27:A:ARG:H	1:30:A:LEU:HD13	10	0.19
(17,2055)	1:27:A:ARG:H	1:30:A:LEU:HD21	10	0.19
(17,2055)	1:27:A:ARG:H	1:30:A:LEU:HD22	10	0.19
(17,2055)	1:27:A:ARG:H	1:30:A:LEU:HD23	10	0.19
(17,2039)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	8	0.19
(17,2039)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	8	0.19
(17,2039)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	8	0.19
(17,2039)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	8	0.19
(17,2039)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	8	0.19
(17,2039)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	8	0.19
(17,2039)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	8	0.19
(17,2039)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	8	0.19
(17,2039)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	8	0.19
(17,2039)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	8	0.19
(17,2039)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	8	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2039)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	8	0.19
(17,2003)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	8	0.19
(17,2003)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	8	0.19
(17,2003)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	8	0.19
(17,2003)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	8	0.19
(17,2003)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	8	0.19
(17,2003)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	8	0.19
(17,2003)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	8	0.19
(17,2003)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	8	0.19
(17,2003)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	8	0.19
(17,2003)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	8	0.19
(17,2003)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	8	0.19
(17,2003)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	8	0.19
(17,2000)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	13	0.19
(17,2000)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	13	0.19
(17,2000)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	13	0.19
(17,2000)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	13	0.19
(17,2000)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	13	0.19
(17,2000)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	13	0.19
(17,2000)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	13	0.19
(17,2000)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	13	0.19
(17,2000)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	13	0.19
(17,2000)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	13	0.19
(17,2000)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	13	0.19
(17,2000)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	13	0.19
(17,2000)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	13	0.19
(17,2000)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	13	0.19
(17,2000)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	13	0.19
(17,2000)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	13	0.19
(17,2000)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	13	0.19
(17,2000)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	13	0.19
(17,1918)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	15	0.19
(17,1918)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	15	0.19
(17,1918)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	15	0.19
(17,1918)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	15	0.19
(17,1912)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	12	0.19
(17,1912)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	12	0.19
(17,1868)	1:9:A:PHE:HD1	1:11:A:ILE:H	12	0.19
(17,1868)	1:9:A:PHE:HD2	1:11:A:ILE:H	12	0.19
(17,1860)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	16	0.19
(17,1860)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	16	0.19
(17,1860)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	16	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1858)	1:59:A:CYS:HA	1:62:A:HIS:HD2	8	0.19
(17,1787)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	17	0.19
(17,1787)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	17	0.19
(17,1757)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	4	0.19
(17,1757)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	4	0.19
(17,1757)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	4	0.19
(17,1757)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	4	0.19
(17,1749)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	16	0.19
(17,1749)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	16	0.19
(17,1749)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	16	0.19
(17,1725)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	4	0.19
(17,1686)	1:107:A:LEU:H	1:111:A:GLU:HB2	3	0.19
(17,1686)	1:107:A:LEU:H	1:111:A:GLU:HB3	3	0.19
(17,1682)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	2	0.19
(17,1682)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	2	0.19
(17,1656)	1:27:A:ARG:HA	1:27:A:ARG:HE	6	0.19
(17,1644)	1:79:A:THR:H	1:80:A:TYR:HA	11	0.19
(17,1606)	1:98:A:ILE:HG21	1:101:A:ILE:HD11	3	0.19
(17,1606)	1:98:A:ILE:HG21	1:101:A:ILE:HD12	3	0.19
(17,1606)	1:98:A:ILE:HG21	1:101:A:ILE:HD13	3	0.19
(17,1606)	1:98:A:ILE:HG22	1:101:A:ILE:HD11	3	0.19
(17,1606)	1:98:A:ILE:HG22	1:101:A:ILE:HD12	3	0.19
(17,1606)	1:98:A:ILE:HG22	1:101:A:ILE:HD13	3	0.19
(17,1606)	1:98:A:ILE:HG23	1:101:A:ILE:HD11	3	0.19
(17,1606)	1:98:A:ILE:HG23	1:101:A:ILE:HD12	3	0.19
(17,1606)	1:98:A:ILE:HG23	1:101:A:ILE:HD13	3	0.19
(17,1556)	1:110:A:MET:H	1:110:A:MET:HE1	10	0.19
(17,1556)	1:110:A:MET:H	1:110:A:MET:HE2	10	0.19
(17,1556)	1:110:A:MET:H	1:110:A:MET:HE3	10	0.19
(17,1536)	1:11:A:ILE:HG21	1:43:A:MET:HE1	4	0.19
(17,1536)	1:11:A:ILE:HG21	1:43:A:MET:HE2	4	0.19
(17,1536)	1:11:A:ILE:HG21	1:43:A:MET:HE3	4	0.19
(17,1536)	1:11:A:ILE:HG22	1:43:A:MET:HE1	4	0.19
(17,1536)	1:11:A:ILE:HG22	1:43:A:MET:HE2	4	0.19
(17,1536)	1:11:A:ILE:HG22	1:43:A:MET:HE3	4	0.19
(17,1536)	1:11:A:ILE:HG23	1:43:A:MET:HE1	4	0.19
(17,1536)	1:11:A:ILE:HG23	1:43:A:MET:HE2	4	0.19
(17,1536)	1:11:A:ILE:HG23	1:43:A:MET:HE3	4	0.19
(17,1485)	1:45:A:ALA:HB1	1:47:A:ALA:H	11	0.19
(17,1485)	1:45:A:ALA:HB2	1:47:A:ALA:H	11	0.19
(17,1485)	1:45:A:ALA:HB3	1:47:A:ALA:H	11	0.19
(17,1447)	1:121:A:VAL:HG21	1:122:A:ASP:H	2	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1447)	1:121:A:VAL:HG22	1:122:A:ASP:H	2	0.19
(17,1447)	1:121:A:VAL:HG23	1:122:A:ASP:H	2	0.19
(17,1388)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	15	0.19
(17,1388)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	15	0.19
(17,1388)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	15	0.19
(17,1375)	1:119:A:LEU:HA	1:121:A:VAL:HG11	17	0.19
(17,1375)	1:119:A:LEU:HA	1:121:A:VAL:HG12	17	0.19
(17,1375)	1:119:A:LEU:HA	1:121:A:VAL:HG13	17	0.19
(17,1374)	1:120:A:CYS:HA	1:121:A:VAL:HG11	12	0.19
(17,1374)	1:120:A:CYS:HA	1:121:A:VAL:HG12	12	0.19
(17,1374)	1:120:A:CYS:HA	1:121:A:VAL:HG13	12	0.19
(17,1298)	1:66:A:THR:HG21	1:96:A:VAL:H	14	0.19
(17,1298)	1:66:A:THR:HG22	1:96:A:VAL:H	14	0.19
(17,1298)	1:66:A:THR:HG23	1:96:A:VAL:H	14	0.19
(17,1288)	1:45:A:ALA:HA	1:48:A:ARG:HB2	15	0.19
(17,1288)	1:45:A:ALA:HA	1:48:A:ARG:HB3	15	0.19
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD21	8	0.19
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD22	8	0.19
(17,1237)	1:43:A:MET:HE1	1:144:A:LEU:HD23	8	0.19
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD21	8	0.19
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD22	8	0.19
(17,1237)	1:43:A:MET:HE2	1:144:A:LEU:HD23	8	0.19
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD21	8	0.19
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD22	8	0.19
(17,1237)	1:43:A:MET:HE3	1:144:A:LEU:HD23	8	0.19
(17,1234)	1:34:A:LYS:H	1:81:A:GLU:HA	15	0.19
(17,1212)	1:41:A:LYS:H	1:41:A:LYS:HG3	5	0.19
(17,1019)	1:34:A:LYS:H	1:81:A:GLU:HB2	9	0.19
(17,997)	1:12:A:VAL:HB	1:43:A:MET:HE1	12	0.19
(17,997)	1:12:A:VAL:HB	1:43:A:MET:HE2	12	0.19
(17,997)	1:12:A:VAL:HB	1:43:A:MET:HE3	12	0.19
(17,915)	1:19:A:ALA:HA	1:20:A:THR:HB	11	0.19
(17,875)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	4	0.19
(17,875)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	4	0.19
(17,875)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	4	0.19
(17,869)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	16	0.19
(17,869)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	16	0.19
(17,869)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	16	0.19
(17,818)	1:98:A:ILE:HD11	1:100:A:ALA:H	3	0.19
(17,818)	1:98:A:ILE:HD12	1:100:A:ALA:H	3	0.19
(17,818)	1:98:A:ILE:HD13	1:100:A:ALA:H	3	0.19
(17,808)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	9	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,808)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	9	0.19
(17,808)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	9	0.19
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	1	0.19
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	1	0.19
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	1	0.19
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	6	0.19
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	6	0.19
(17,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	6	0.19
(17,784)	1:101:A:ILE:HD11	1:118:A:ASP:H	19	0.19
(17,784)	1:101:A:ILE:HD12	1:118:A:ASP:H	19	0.19
(17,784)	1:101:A:ILE:HD13	1:118:A:ASP:H	19	0.19
(17,714)	1:44:A:GLU:HB2	1:48:A:ARG:HE	19	0.19
(17,714)	1:44:A:GLU:HB3	1:48:A:ARG:HE	19	0.19
(17,698)	1:98:A:ILE:H	1:104:A:PHE:H	14	0.19
(17,619)	1:118:A:ASP:HB3	1:120:A:CYS:H	6	0.19
(17,469)	1:103:A:ARG:H	1:103:A:ARG:HG2	12	0.19
(17,469)	1:103:A:ARG:H	1:103:A:ARG:HG3	12	0.19
(17,444)	1:142:A:LYS:H	1:143:A:TRP:HB2	7	0.19
(17,405)	1:125:A:THR:H	1:128:A:LEU:HG	19	0.19
(17,329)	1:120:A:CYS:HA	1:122:A:ASP:H	11	0.19
(17,276)	1:113:A:PHE:H	1:116:A:GLN:HG3	7	0.19
(17,241)	1:23:A:LEU:HB2	1:24:A:ASP:H	9	0.19
(17,241)	1:23:A:LEU:HB3	1:24:A:ASP:H	9	0.19
(17,219)	1:9:A:PHE:HE1	1:10:A:ASN:H	13	0.19
(17,219)	1:9:A:PHE:HE2	1:10:A:ASN:H	13	0.19
(17,178)	1:93:A:GLU:H	1:93:A:GLU:HG2	6	0.19
(17,178)	1:93:A:GLU:H	1:93:A:GLU:HG3	6	0.19
(17,160)	1:127:A:CYS:H	1:128:A:LEU:HG	1	0.19
(17,51)	1:98:A:ILE:H	1:101:A:ILE:HG21	5	0.19
(17,51)	1:98:A:ILE:H	1:101:A:ILE:HG22	5	0.19
(17,51)	1:98:A:ILE:H	1:101:A:ILE:HG23	5	0.19
(17,39)	1:43:A:MET:HA	1:47:A:ALA:H	9	0.19
(17,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	2	0.19
(17,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	2	0.19
(16,2495)	1:151:A:PHE:H	1:151:A:PHE:HB2	5	0.19
(16,2495)	1:151:A:PHE:H	1:151:A:PHE:HB3	5	0.19
(16,2391)	1:123:A:CYS:H	1:128:A:LEU:HD11	19	0.19
(16,2391)	1:123:A:CYS:H	1:128:A:LEU:HD12	19	0.19
(16,2391)	1:123:A:CYS:H	1:128:A:LEU:HD13	19	0.19
(16,2391)	1:123:A:CYS:H	1:128:A:LEU:HD21	19	0.19
(16,2391)	1:123:A:CYS:H	1:128:A:LEU:HD22	19	0.19
(16,2391)	1:123:A:CYS:H	1:128:A:LEU:HD23	19	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2353)	1:113:A:PHE:HD1	1:116:A:GLN:HG2	2	0.19
(16,2353)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	2	0.19
(16,2353)	1:113:A:PHE:HD2	1:116:A:GLN:HG2	2	0.19
(16,2353)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	2	0.19
(16,2300)	1:101:A:ILE:H	1:119:A:LEU:HD11	8	0.19
(16,2300)	1:101:A:ILE:H	1:119:A:LEU:HD12	8	0.19
(16,2300)	1:101:A:ILE:H	1:119:A:LEU:HD13	8	0.19
(16,2300)	1:101:A:ILE:H	1:119:A:LEU:HD21	8	0.19
(16,2300)	1:101:A:ILE:H	1:119:A:LEU:HD22	8	0.19
(16,2300)	1:101:A:ILE:H	1:119:A:LEU:HD23	8	0.19
(16,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	10	0.19
(16,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	10	0.19
(16,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	10	0.19
(16,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	10	0.19
(16,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	10	0.19
(16,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	10	0.19
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD11	16	0.19
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD12	16	0.19
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD13	16	0.19
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD21	16	0.19
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD22	16	0.19
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD23	16	0.19
(16,2144)	1:41:A:LYS:HA	1:44:A:GLU:HG2	9	0.19
(16,2144)	1:41:A:LYS:HA	1:44:A:GLU:HG3	9	0.19
(16,2095)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	7	0.19
(16,2095)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	7	0.19
(16,2095)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	7	0.19
(16,2095)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	7	0.19
(16,2095)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	7	0.19
(16,2095)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	7	0.19
(16,2095)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	14	0.19
(16,2095)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	14	0.19
(16,2095)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	14	0.19
(16,2095)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	14	0.19
(16,2095)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	14	0.19
(16,2095)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	14	0.19
(16,2093)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	16	0.19
(16,2093)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	16	0.19
(16,2093)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	16	0.19
(16,2093)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	16	0.19
(16,2093)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	16	0.19
(16,2093)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	16	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2070)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	13	0.19
(16,2070)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	13	0.19
(16,2070)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	13	0.19
(16,2070)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	13	0.19
(16,2069)	1:32:A:GLY:HA2	1:34:A:LYS:H	9	0.19
(16,2069)	1:32:A:GLY:HA3	1:34:A:LYS:H	9	0.19
(16,2057)	1:30:A:LEU:HD11	1:31:A:PRO:HG2	6	0.19
(16,2057)	1:30:A:LEU:HD11	1:31:A:PRO:HG3	6	0.19
(16,2057)	1:30:A:LEU:HD12	1:31:A:PRO:HG2	6	0.19
(16,2057)	1:30:A:LEU:HD12	1:31:A:PRO:HG3	6	0.19
(16,2057)	1:30:A:LEU:HD13	1:31:A:PRO:HG2	6	0.19
(16,2057)	1:30:A:LEU:HD13	1:31:A:PRO:HG3	6	0.19
(16,2057)	1:30:A:LEU:HD21	1:31:A:PRO:HG2	6	0.19
(16,2057)	1:30:A:LEU:HD21	1:31:A:PRO:HG3	6	0.19
(16,2057)	1:30:A:LEU:HD22	1:31:A:PRO:HG2	6	0.19
(16,2057)	1:30:A:LEU:HD22	1:31:A:PRO:HG3	6	0.19
(16,2057)	1:30:A:LEU:HD23	1:31:A:PRO:HG2	6	0.19
(16,2057)	1:30:A:LEU:HD23	1:31:A:PRO:HG3	6	0.19
(16,1906)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	16	0.19
(16,1906)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	16	0.19
(16,1899)	1:58:A:ILE:HG13	1:62:A:HIS:HD2	10	0.19
(16,1891)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	12	0.19
(16,1891)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	12	0.19
(16,1891)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	12	0.19
(16,1891)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	12	0.19
(16,1891)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	12	0.19
(16,1891)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	12	0.19
(16,1887)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	15	0.19
(16,1887)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	15	0.19
(16,1887)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	15	0.19
(16,1887)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	15	0.19
(16,1881)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	12	0.19
(16,1881)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	12	0.19
(16,1874)	1:64:A:LYS:HE2	1:104:A:PHE:HZ	14	0.19
(16,1874)	1:64:A:LYS:HE3	1:104:A:PHE:HZ	14	0.19
(16,1858)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	13	0.19
(16,1858)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	13	0.19
(16,1858)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	13	0.19
(16,1858)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	13	0.19
(16,1858)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	13	0.19
(16,1858)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	13	0.19
(16,1839)	1:9:A:PHE:HD1	1:11:A:ILE:H	12	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1839)	1:9:A:PHE:HD2	1:11:A:ILE:H	12	0.19
(16,1832)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	11	0.19
(16,1832)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	11	0.19
(16,1832)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	11	0.19
(16,1759)	1:66:A:THR:HG21	1:97:A:ASP:HA	13	0.19
(16,1759)	1:66:A:THR:HG22	1:97:A:ASP:HA	13	0.19
(16,1759)	1:66:A:THR:HG23	1:97:A:ASP:HA	13	0.19
(16,1728)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	16	0.19
(16,1728)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	16	0.19
(16,1728)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	16	0.19
(16,1722)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	12	0.19
(16,1722)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	12	0.19
(16,1722)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	12	0.19
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG21	19	0.19
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG22	19	0.19
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG23	19	0.19
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG21	19	0.19
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG22	19	0.19
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG23	19	0.19
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG21	19	0.19
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG22	19	0.19
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG23	19	0.19
(16,1701)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	4	0.19
(16,1618)	1:79:A:THR:H	1:80:A:TYR:HA	11	0.19
(16,1576)	1:98:A:ILE:HG21	1:101:A:ILE:HD11	3	0.19
(16,1576)	1:98:A:ILE:HG21	1:101:A:ILE:HD12	3	0.19
(16,1576)	1:98:A:ILE:HG21	1:101:A:ILE:HD13	3	0.19
(16,1576)	1:98:A:ILE:HG22	1:101:A:ILE:HD11	3	0.19
(16,1576)	1:98:A:ILE:HG22	1:101:A:ILE:HD12	3	0.19
(16,1576)	1:98:A:ILE:HG22	1:101:A:ILE:HD13	3	0.19
(16,1576)	1:98:A:ILE:HG23	1:101:A:ILE:HD11	3	0.19
(16,1576)	1:98:A:ILE:HG23	1:101:A:ILE:HD12	3	0.19
(16,1576)	1:98:A:ILE:HG23	1:101:A:ILE:HD13	3	0.19
(16,1567)	1:101:A:ILE:HD11	1:112:A:GLN:HA	18	0.19
(16,1567)	1:101:A:ILE:HD12	1:112:A:GLN:HA	18	0.19
(16,1567)	1:101:A:ILE:HD13	1:112:A:GLN:HA	18	0.19
(16,1535)	1:110:A:MET:H	1:110:A:MET:HE1	10	0.19
(16,1535)	1:110:A:MET:H	1:110:A:MET:HE2	10	0.19
(16,1535)	1:110:A:MET:H	1:110:A:MET:HE3	10	0.19
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE1	18	0.19
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE2	18	0.19
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE3	18	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1466)	1:45:A:ALA:HB1	1:47:A:ALA:H	1	0.19
(16,1466)	1:45:A:ALA:HB2	1:47:A:ALA:H	1	0.19
(16,1466)	1:45:A:ALA:HB3	1:47:A:ALA:H	1	0.19
(16,1446)	1:50:A:ALA:HB1	1:130:A:GLY:H	13	0.19
(16,1446)	1:50:A:ALA:HB2	1:130:A:GLY:H	13	0.19
(16,1446)	1:50:A:ALA:HB3	1:130:A:GLY:H	13	0.19
(16,1443)	1:31:A:PRO:HD3	1:144:A:LEU:HA	14	0.19
(16,1401)	1:11:A:ILE:HG21	1:43:A:MET:HG3	4	0.19
(16,1401)	1:11:A:ILE:HG22	1:43:A:MET:HG3	4	0.19
(16,1401)	1:11:A:ILE:HG23	1:43:A:MET:HG3	4	0.19
(16,1368)	1:21:A:THR:H	1:21:A:THR:HG21	10	0.19
(16,1368)	1:21:A:THR:H	1:21:A:THR:HG22	10	0.19
(16,1368)	1:21:A:THR:H	1:21:A:THR:HG23	10	0.19
(16,1198)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	15	0.19
(16,1198)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	15	0.19
(16,1198)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	15	0.19
(16,1051)	1:11:A:ILE:HG12	1:43:A:MET:HB3	7	0.19
(16,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	14	0.19
(16,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	14	0.19
(16,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	14	0.19
(16,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	14	0.19
(16,989)	1:67:A:PRO:HA	1:70:A:LYS:HB2	9	0.19
(16,989)	1:67:A:PRO:HA	1:70:A:LYS:HB3	9	0.19
(16,936)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	18	0.19
(16,936)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	18	0.19
(16,936)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	18	0.19
(16,936)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	18	0.19
(16,936)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	18	0.19
(16,936)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	18	0.19
(16,912)	1:54:A:ARG:HA	1:58:A:ILE:HB	14	0.19
(16,912)	1:54:A:ARG:HA	1:58:A:ILE:HB	15	0.19
(16,817)	1:98:A:ILE:HD11	1:100:A:ALA:H	3	0.19
(16,817)	1:98:A:ILE:HD12	1:100:A:ALA:H	3	0.19
(16,817)	1:98:A:ILE:HD13	1:100:A:ALA:H	3	0.19
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	1	0.19
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	1	0.19
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	1	0.19
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD11	6	0.19
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD12	6	0.19
(16,804)	1:11:A:ILE:HB	1:11:A:ILE:HD13	6	0.19
(16,670)	1:103:A:ARG:HG2	1:106:A:ASP:H	14	0.19
(16,670)	1:103:A:ARG:HG3	1:106:A:ASP:H	14	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,662)	1:101:A:ILE:H	1:104:A:PHE:HB3	7	0.19
(16,655)	1:66:A:THR:H	1:70:A:LYS:H	14	0.19
(16,585)	1:127:A:CYS:HB2	1:130:A:GLY:H	7	0.19
(16,585)	1:127:A:CYS:HB2	1:130:A:GLY:H	10	0.19
(16,585)	1:127:A:CYS:HB2	1:130:A:GLY:H	13	0.19
(16,565)	1:116:A:GLN:H	1:116:A:GLN:HE22	5	0.19
(16,414)	1:125:A:THR:H	1:128:A:LEU:HG	19	0.19
(16,401)	1:105:A:LYS:HG3	1:106:A:ASP:H	3	0.19
(16,355)	1:73:A:ILE:HD11	1:111:A:GLU:H	9	0.19
(16,355)	1:73:A:ILE:HD12	1:111:A:GLU:H	9	0.19
(16,355)	1:73:A:ILE:HD13	1:111:A:GLU:H	9	0.19
(16,337)	1:120:A:CYS:HA	1:122:A:ASP:H	11	0.19
(16,193)	1:58:A:ILE:HG21	1:60:A:LEU:H	19	0.19
(16,193)	1:58:A:ILE:HG22	1:60:A:LEU:H	19	0.19
(16,193)	1:58:A:ILE:HG23	1:60:A:LEU:H	19	0.19
(16,184)	1:93:A:GLU:H	1:93:A:GLU:HG2	6	0.19
(16,184)	1:93:A:GLU:H	1:93:A:GLU:HG3	6	0.19
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD11	11	0.19
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD12	11	0.19
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD13	11	0.19
(16,118)	1:79:A:THR:H	1:80:A:TYR:H	5	0.19
(16,54)	1:47:A:ALA:H	1:134:A:VAL:HG11	13	0.19
(16,54)	1:47:A:ALA:H	1:134:A:VAL:HG12	13	0.19
(16,54)	1:47:A:ALA:H	1:134:A:VAL:HG13	13	0.19
(16,50)	1:98:A:ILE:H	1:101:A:ILE:HG21	5	0.19
(16,50)	1:98:A:ILE:H	1:101:A:ILE:HG22	5	0.19
(16,50)	1:98:A:ILE:H	1:101:A:ILE:HG23	5	0.19
(16,47)	1:44:A:GLU:HB2	1:47:A:ALA:H	9	0.19
(16,47)	1:44:A:GLU:HB3	1:47:A:ALA:H	9	0.19
(16,9)	1:63:A:ILE:HG13	1:64:A:LYS:H	10	0.19
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB2	6	0.19
(15,2497)	1:144:A:LEU:HD11	1:148:A:CYS:HB3	6	0.19
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB2	6	0.19
(15,2497)	1:144:A:LEU:HD12	1:148:A:CYS:HB3	6	0.19
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB2	6	0.19
(15,2497)	1:144:A:LEU:HD13	1:148:A:CYS:HB3	6	0.19
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB2	6	0.19
(15,2497)	1:144:A:LEU:HD21	1:148:A:CYS:HB3	6	0.19
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB2	6	0.19
(15,2497)	1:144:A:LEU:HD22	1:148:A:CYS:HB3	6	0.19
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB2	6	0.19
(15,2497)	1:144:A:LEU:HD23	1:148:A:CYS:HB3	6	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2353)	1:113:A:PHE:HE1	1:114:A:ILE:HG12	8	0.19
(15,2353)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	8	0.19
(15,2353)	1:113:A:PHE:HE2	1:114:A:ILE:HG12	8	0.19
(15,2353)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	8	0.19
(15,2226)	1:69:A:MET:H	1:70:A:LYS:HG2	5	0.19
(15,2226)	1:69:A:MET:H	1:70:A:LYS:HG3	5	0.19
(15,2212)	1:66:A:THR:H	1:96:A:VAL:HG11	6	0.19
(15,2212)	1:66:A:THR:H	1:96:A:VAL:HG12	6	0.19
(15,2212)	1:66:A:THR:H	1:96:A:VAL:HG13	6	0.19
(15,2212)	1:66:A:THR:H	1:96:A:VAL:HG21	6	0.19
(15,2212)	1:66:A:THR:H	1:96:A:VAL:HG22	6	0.19
(15,2212)	1:66:A:THR:H	1:96:A:VAL:HG23	6	0.19
(15,2068)	1:38:A:GLU:HA	1:139:A:LEU:HD11	12	0.19
(15,2068)	1:38:A:GLU:HA	1:139:A:LEU:HD12	12	0.19
(15,2068)	1:38:A:GLU:HA	1:139:A:LEU:HD13	12	0.19
(15,2068)	1:38:A:GLU:HA	1:139:A:LEU:HD21	12	0.19
(15,2068)	1:38:A:GLU:HA	1:139:A:LEU:HD22	12	0.19
(15,2068)	1:38:A:GLU:HA	1:139:A:LEU:HD23	12	0.19
(15,2047)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	13	0.19
(15,2047)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	13	0.19
(15,2047)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	13	0.19
(15,2047)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	13	0.19
(15,2047)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	13	0.19
(15,2047)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	13	0.19
(15,2014)	1:23:A:LEU:HD11	1:25:A:ALA:H	10	0.19
(15,2014)	1:23:A:LEU:HD12	1:25:A:ALA:H	10	0.19
(15,2014)	1:23:A:LEU:HD13	1:25:A:ALA:H	10	0.19
(15,2014)	1:23:A:LEU:HD21	1:25:A:ALA:H	10	0.19
(15,2014)	1:23:A:LEU:HD22	1:25:A:ALA:H	10	0.19
(15,2014)	1:23:A:LEU:HD23	1:25:A:ALA:H	10	0.19
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD11	15	0.19
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD12	15	0.19
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD13	15	0.19
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD21	15	0.19
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD22	15	0.19
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD23	15	0.19
(15,2000)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	8	0.19
(15,2000)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	8	0.19
(15,2000)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	8	0.19
(15,2000)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	8	0.19
(15,2000)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	8	0.19
(15,2000)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	8	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2000)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	8	0.19
(15,2000)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	8	0.19
(15,2000)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	8	0.19
(15,2000)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	8	0.19
(15,2000)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	8	0.19
(15,2000)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	8	0.19
(15,1960)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	8	0.19
(15,1960)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	8	0.19
(15,1960)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	8	0.19
(15,1960)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	8	0.19
(15,1960)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	8	0.19
(15,1960)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	8	0.19
(15,1960)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	8	0.19
(15,1960)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	8	0.19
(15,1960)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	8	0.19
(15,1960)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	8	0.19
(15,1960)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	8	0.19
(15,1960)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	8	0.19
(15,1938)	1:11:A:ILE:HG12	1:57:A:LEU:HD11	15	0.19
(15,1938)	1:11:A:ILE:HG12	1:57:A:LEU:HD12	15	0.19
(15,1938)	1:11:A:ILE:HG12	1:57:A:LEU:HD13	15	0.19
(15,1938)	1:11:A:ILE:HG12	1:57:A:LEU:HD21	15	0.19
(15,1938)	1:11:A:ILE:HG12	1:57:A:LEU:HD22	15	0.19
(15,1938)	1:11:A:ILE:HG12	1:57:A:LEU:HD23	15	0.19
(15,1913)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	11	0.19
(15,1913)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	11	0.19
(15,1913)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	11	0.19
(15,1913)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	11	0.19
(15,1913)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	11	0.19
(15,1913)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	11	0.19
(15,1913)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	11	0.19
(15,1913)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	11	0.19
(15,1913)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	11	0.19
(15,1913)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	11	0.19
(15,1913)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	11	0.19
(15,1913)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	11	0.19
(15,1891)	1:58:A:ILE:HA	1:62:A:HIS:HE1	10	0.19
(15,1888)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	1	0.19
(15,1888)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	1	0.19
(15,1888)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	1	0.19
(15,1888)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	1	0.19
(15,1888)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	1	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1888)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	1	0.19
(15,1876)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	12	0.19
(15,1876)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	12	0.19
(15,1843)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	14	0.19
(15,1843)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	14	0.19
(15,1836)	1:9:A:PHE:HD1	1:11:A:ILE:H	12	0.19
(15,1836)	1:9:A:PHE:HD2	1:11:A:ILE:H	12	0.19
(15,1812)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	11	0.19
(15,1752)	1:66:A:THR:HG21	1:97:A:ASP:HA	13	0.19
(15,1752)	1:66:A:THR:HG22	1:97:A:ASP:HA	13	0.19
(15,1752)	1:66:A:THR:HG23	1:97:A:ASP:HA	13	0.19
(15,1724)	1:18:A:PHE:HB3	1:132:A:ALA:HA	13	0.19
(15,1724)	1:18:A:PHE:HB2	1:132:A:ALA:HA	13	0.19
(15,1664)	1:107:A:LEU:H	1:111:A:GLU:HB2	3	0.19
(15,1664)	1:107:A:LEU:H	1:111:A:GLU:HB3	3	0.19
(15,1651)	1:69:A:MET:HE1	1:112:A:GLN:H	11	0.19
(15,1651)	1:69:A:MET:HE2	1:112:A:GLN:H	11	0.19
(15,1651)	1:69:A:MET:HE3	1:112:A:GLN:H	11	0.19
(15,1620)	1:79:A:THR:H	1:80:A:TYR:HA	11	0.19
(15,1582)	1:98:A:ILE:HG21	1:101:A:ILE:HD11	3	0.19
(15,1582)	1:98:A:ILE:HG21	1:101:A:ILE:HD12	3	0.19
(15,1582)	1:98:A:ILE:HG21	1:101:A:ILE:HD13	3	0.19
(15,1582)	1:98:A:ILE:HG22	1:101:A:ILE:HD11	3	0.19
(15,1582)	1:98:A:ILE:HG22	1:101:A:ILE:HD12	3	0.19
(15,1582)	1:98:A:ILE:HG22	1:101:A:ILE:HD13	3	0.19
(15,1582)	1:98:A:ILE:HG23	1:101:A:ILE:HD11	3	0.19
(15,1582)	1:98:A:ILE:HG23	1:101:A:ILE:HD12	3	0.19
(15,1582)	1:98:A:ILE:HG23	1:101:A:ILE:HD13	3	0.19
(15,1578)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	3	0.19
(15,1578)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	3	0.19
(15,1578)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	3	0.19
(15,1547)	1:18:A:PHE:HD1	1:131:A:LEU:HD21	1	0.19
(15,1547)	1:18:A:PHE:HD1	1:131:A:LEU:HD22	1	0.19
(15,1547)	1:18:A:PHE:HD1	1:131:A:LEU:HD23	1	0.19
(15,1547)	1:18:A:PHE:HD2	1:131:A:LEU:HD21	1	0.19
(15,1547)	1:18:A:PHE:HD2	1:131:A:LEU:HD22	1	0.19
(15,1547)	1:18:A:PHE:HD2	1:131:A:LEU:HD23	1	0.19
(15,1527)	1:110:A:MET:H	1:110:A:MET:HE1	6	0.19
(15,1527)	1:110:A:MET:H	1:110:A:MET:HE2	6	0.19
(15,1527)	1:110:A:MET:H	1:110:A:MET:HE3	6	0.19
(15,1509)	1:69:A:MET:HE1	1:115:A:ALA:H	4	0.19
(15,1509)	1:69:A:MET:HE2	1:115:A:ALA:H	4	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1509)	1:69:A:MET:HE3	1:115:A:ALA:H	4	0.19
(15,1444)	1:47:A:ALA:HA	1:50:A:ALA:HB1	6	0.19
(15,1444)	1:47:A:ALA:HA	1:50:A:ALA:HB2	6	0.19
(15,1444)	1:47:A:ALA:HA	1:50:A:ALA:HB3	6	0.19
(15,1425)	1:121:A:VAL:HG21	1:122:A:ASP:H	2	0.19
(15,1425)	1:121:A:VAL:HG22	1:122:A:ASP:H	2	0.19
(15,1425)	1:121:A:VAL:HG23	1:122:A:ASP:H	2	0.19
(15,1424)	1:69:A:MET:HE1	1:73:A:ILE:HG21	14	0.19
(15,1424)	1:69:A:MET:HE1	1:73:A:ILE:HG22	14	0.19
(15,1424)	1:69:A:MET:HE1	1:73:A:ILE:HG23	14	0.19
(15,1424)	1:69:A:MET:HE2	1:73:A:ILE:HG21	14	0.19
(15,1424)	1:69:A:MET:HE2	1:73:A:ILE:HG22	14	0.19
(15,1424)	1:69:A:MET:HE2	1:73:A:ILE:HG23	14	0.19
(15,1424)	1:69:A:MET:HE3	1:73:A:ILE:HG21	14	0.19
(15,1424)	1:69:A:MET:HE3	1:73:A:ILE:HG22	14	0.19
(15,1424)	1:69:A:MET:HE3	1:73:A:ILE:HG23	14	0.19
(15,1369)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	15	0.19
(15,1369)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	15	0.19
(15,1369)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	15	0.19
(15,1359)	1:119:A:LEU:HA	1:121:A:VAL:HG11	17	0.19
(15,1359)	1:119:A:LEU:HA	1:121:A:VAL:HG12	17	0.19
(15,1359)	1:119:A:LEU:HA	1:121:A:VAL:HG13	17	0.19
(15,1358)	1:120:A:CYS:HA	1:121:A:VAL:HG11	12	0.19
(15,1358)	1:120:A:CYS:HA	1:121:A:VAL:HG12	12	0.19
(15,1358)	1:120:A:CYS:HA	1:121:A:VAL:HG13	12	0.19
(15,1355)	1:120:A:CYS:H	1:121:A:VAL:HG11	6	0.19
(15,1355)	1:120:A:CYS:H	1:121:A:VAL:HG12	6	0.19
(15,1355)	1:120:A:CYS:H	1:121:A:VAL:HG13	6	0.19
(15,1355)	1:120:A:CYS:H	1:121:A:VAL:HG11	10	0.19
(15,1355)	1:120:A:CYS:H	1:121:A:VAL:HG12	10	0.19
(15,1355)	1:120:A:CYS:H	1:121:A:VAL:HG13	10	0.19
(15,1277)	1:45:A:ALA:HA	1:48:A:ARG:HB2	15	0.19
(15,1277)	1:45:A:ALA:HA	1:48:A:ARG:HB3	15	0.19
(15,1269)	1:114:A:ILE:HA	1:117:A:VAL:HG11	14	0.19
(15,1269)	1:114:A:ILE:HA	1:117:A:VAL:HG12	14	0.19
(15,1269)	1:114:A:ILE:HA	1:117:A:VAL:HG13	14	0.19
(15,1269)	1:114:A:ILE:HA	1:117:A:VAL:HG11	19	0.19
(15,1269)	1:114:A:ILE:HA	1:117:A:VAL:HG12	19	0.19
(15,1269)	1:114:A:ILE:HA	1:117:A:VAL:HG13	19	0.19
(15,1221)	1:110:A:MET:HA	1:113:A:PHE:HB2	7	0.19
(15,1212)	1:69:A:MET:HE1	1:110:A:MET:HA	18	0.19
(15,1212)	1:69:A:MET:HE2	1:110:A:MET:HA	18	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1212)	1:69:A:MET:HE3	1:110:A:MET:HA	18	0.19
(15,1202)	1:41:A:LYS:H	1:41:A:LYS:HG3	5	0.19
(15,1192)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	15	0.19
(15,1192)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	15	0.19
(15,1192)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	15	0.19
(15,1175)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	17	0.19
(15,1175)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	17	0.19
(15,1175)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	17	0.19
(15,1060)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	5	0.19
(15,1060)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	5	0.19
(15,1060)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	17	0.19
(15,1060)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	17	0.19
(15,910)	1:19:A:ALA:HA	1:20:A:THR:HB	11	0.19
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	1	0.19
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	1	0.19
(15,826)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	1	0.19
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	1	0.19
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	1	0.19
(15,826)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	1	0.19
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	1	0.19
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	1	0.19
(15,826)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	1	0.19
(15,804)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	17	0.19
(15,804)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	17	0.19
(15,804)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	17	0.19
(15,804)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	17	0.19
(15,804)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	17	0.19
(15,804)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	17	0.19
(15,803)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	9	0.19
(15,803)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	9	0.19
(15,803)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	9	0.19
(15,760)	1:141:A:LYS:H	1:143:A:TRP:HB2	6	0.19
(15,667)	1:103:A:ARG:HG2	1:106:A:ASP:H	14	0.19
(15,667)	1:103:A:ARG:HG3	1:106:A:ASP:H	14	0.19
(15,660)	1:101:A:ILE:H	1:104:A:PHE:HB3	7	0.19
(15,657)	1:66:A:THR:H	1:70:A:LYS:H	14	0.19
(15,627)	1:118:A:ASP:HB3	1:120:A:CYS:H	6	0.19
(15,493)	1:105:A:LYS:H	1:107:A:LEU:H	19	0.19
(15,455)	1:142:A:LYS:H	1:143:A:TRP:HB2	7	0.19
(15,412)	1:125:A:THR:H	1:128:A:LEU:HG	19	0.19
(15,356)	1:104:A:PHE:H	1:104:A:PHE:HD1	8	0.19
(15,356)	1:104:A:PHE:H	1:104:A:PHE:HD2	8	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,336)	1:120:A:CYS:HA	1:122:A:ASP:H	11	0.19
(15,210)	1:101:A:ILE:H	1:101:A:ILE:HB	19	0.19
(15,185)	1:93:A:GLU:H	1:93:A:GLU:HB2	4	0.19
(15,185)	1:93:A:GLU:H	1:93:A:GLU:HB3	4	0.19
(15,164)	1:127:A:CYS:H	1:128:A:LEU:HG	1	0.19
(15,131)	1:80:A:TYR:H	1:80:A:TYR:HB3	6	0.19
(15,131)	1:80:A:TYR:H	1:80:A:TYR:HB2	6	0.19
(15,68)	1:80:A:TYR:HB3	1:81:A:GLU:H	19	0.19
(15,68)	1:80:A:TYR:HB2	1:81:A:GLU:H	19	0.19
(15,42)	1:43:A:MET:HA	1:47:A:ALA:H	6	0.19
(15,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	2	0.19
(15,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	2	0.19
(13,2422)	1:136:A:CYS:HB2	1:149:A:ALA:H	17	0.19
(13,2422)	1:136:A:CYS:HB3	1:149:A:ALA:H	17	0.19
(13,2408)	1:132:A:ALA:HA	1:133:A:ASN:HB2	1	0.19
(13,2408)	1:132:A:ALA:HA	1:133:A:ASN:HB3	1	0.19
(13,2241)	1:75:A:GLY:H	1:77:A:CYS:HB2	17	0.19
(13,2241)	1:75:A:GLY:H	1:77:A:CYS:HB3	17	0.19
(13,2225)	1:70:A:LYS:HG2	1:71:A:LYS:H	13	0.19
(13,2225)	1:70:A:LYS:HG3	1:71:A:LYS:H	13	0.19
(13,2213)	1:69:A:MET:H	1:70:A:LYS:HG2	5	0.19
(13,2213)	1:69:A:MET:H	1:70:A:LYS:HG3	5	0.19
(13,2195)	1:65:A:CYS:HB2	1:69:A:MET:HE1	19	0.19
(13,2195)	1:65:A:CYS:HB2	1:69:A:MET:HE2	19	0.19
(13,2195)	1:65:A:CYS:HB2	1:69:A:MET:HE3	19	0.19
(13,2195)	1:65:A:CYS:HB3	1:69:A:MET:HE1	19	0.19
(13,2195)	1:65:A:CYS:HB3	1:69:A:MET:HE2	19	0.19
(13,2195)	1:65:A:CYS:HB3	1:69:A:MET:HE3	19	0.19
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD11	6	0.19
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD12	6	0.19
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD13	6	0.19
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD21	6	0.19
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD22	6	0.19
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD23	6	0.19
(13,2080)	1:40:A:LEU:HD11	1:43:A:MET:HB3	10	0.19
(13,2080)	1:40:A:LEU:HD12	1:43:A:MET:HB3	10	0.19
(13,2080)	1:40:A:LEU:HD13	1:43:A:MET:HB3	10	0.19
(13,2080)	1:40:A:LEU:HD21	1:43:A:MET:HB3	10	0.19
(13,2080)	1:40:A:LEU:HD22	1:43:A:MET:HB3	10	0.19
(13,2080)	1:40:A:LEU:HD23	1:43:A:MET:HB3	10	0.19
(13,2062)	1:39:A:VAL:HG11	1:43:A:MET:HG2	15	0.19
(13,2062)	1:39:A:VAL:HG12	1:43:A:MET:HG2	15	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2062)	1:39:A:VAL:HG13	1:43:A:MET:HG2	15	0.19
(13,2062)	1:39:A:VAL:HG21	1:43:A:MET:HG2	15	0.19
(13,2062)	1:39:A:VAL:HG22	1:43:A:MET:HG2	15	0.19
(13,2062)	1:39:A:VAL:HG23	1:43:A:MET:HG2	15	0.19
(13,2062)	1:39:A:VAL:HG11	1:43:A:MET:HG3	15	0.19
(13,2062)	1:39:A:VAL:HG12	1:43:A:MET:HG3	15	0.19
(13,2062)	1:39:A:VAL:HG13	1:43:A:MET:HG3	15	0.19
(13,2062)	1:39:A:VAL:HG21	1:43:A:MET:HG3	15	0.19
(13,2062)	1:39:A:VAL:HG22	1:43:A:MET:HG3	15	0.19
(13,2062)	1:39:A:VAL:HG23	1:43:A:MET:HG3	15	0.19
(13,2022)	1:35:A:LEU:H	1:35:A:LEU:HD11	17	0.19
(13,2022)	1:35:A:LEU:H	1:35:A:LEU:HD12	17	0.19
(13,2022)	1:35:A:LEU:H	1:35:A:LEU:HD13	17	0.19
(13,2022)	1:35:A:LEU:H	1:35:A:LEU:HD21	17	0.19
(13,2022)	1:35:A:LEU:H	1:35:A:LEU:HD22	17	0.19
(13,2022)	1:35:A:LEU:H	1:35:A:LEU:HD23	17	0.19
(13,2001)	1:23:A:LEU:HD11	1:24:A:ASP:H	1	0.19
(13,2001)	1:23:A:LEU:HD12	1:24:A:ASP:H	1	0.19
(13,2001)	1:23:A:LEU:HD13	1:24:A:ASP:H	1	0.19
(13,2001)	1:23:A:LEU:HD21	1:24:A:ASP:H	1	0.19
(13,2001)	1:23:A:LEU:HD22	1:24:A:ASP:H	1	0.19
(13,2001)	1:23:A:LEU:HD23	1:24:A:ASP:H	1	0.19
(13,1951)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	8	0.19
(13,1951)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	8	0.19
(13,1951)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	8	0.19
(13,1951)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	8	0.19
(13,1951)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	8	0.19
(13,1951)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	8	0.19
(13,1951)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	8	0.19
(13,1951)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	8	0.19
(13,1951)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	8	0.19
(13,1951)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	8	0.19
(13,1951)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	8	0.19
(13,1951)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	8	0.19
(13,1931)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	17	0.19
(13,1931)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	17	0.19
(13,1931)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	17	0.19
(13,1931)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	17	0.19
(13,1931)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	17	0.19
(13,1931)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	17	0.19
(13,1931)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	17	0.19
(13,1931)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	17	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1931)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	17	0.19
(13,1931)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	17	0.19
(13,1931)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	17	0.19
(13,1931)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	17	0.19
(13,1921)	1:11:A:ILE:HD11	1:46:A:ASN:HD21	15	0.19
(13,1921)	1:11:A:ILE:HD11	1:46:A:ASN:HD22	15	0.19
(13,1921)	1:11:A:ILE:HD12	1:46:A:ASN:HD21	15	0.19
(13,1921)	1:11:A:ILE:HD12	1:46:A:ASN:HD22	15	0.19
(13,1921)	1:11:A:ILE:HD13	1:46:A:ASN:HD21	15	0.19
(13,1921)	1:11:A:ILE:HD13	1:46:A:ASN:HD22	15	0.19
(13,1835)	1:14:A:VAL:HA	1:18:A:PHE:HD1	18	0.19
(13,1835)	1:14:A:VAL:HA	1:18:A:PHE:HD2	18	0.19
(13,1830)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	16	0.19
(13,1830)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	16	0.19
(13,1830)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	16	0.19
(13,1830)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	16	0.19
(13,1830)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	16	0.19
(13,1830)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	16	0.19
(13,1823)	1:18:A:PHE:HA	1:113:A:PHE:HE1	10	0.19
(13,1823)	1:18:A:PHE:HA	1:113:A:PHE:HE2	10	0.19
(13,1810)	1:9:A:PHE:HD1	1:11:A:ILE:H	12	0.19
(13,1810)	1:9:A:PHE:HD2	1:11:A:ILE:H	12	0.19
(13,1700)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	16	0.19
(13,1700)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	16	0.19
(13,1700)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	16	0.19
(13,1688)	1:13:A:ALA:HA	1:79:A:THR:HG21	18	0.19
(13,1688)	1:13:A:ALA:HA	1:79:A:THR:HG22	18	0.19
(13,1688)	1:13:A:ALA:HA	1:79:A:THR:HG23	18	0.19
(13,1637)	1:107:A:LEU:H	1:111:A:GLU:HB2	3	0.19
(13,1637)	1:107:A:LEU:H	1:111:A:GLU:HB3	3	0.19
(13,1598)	1:79:A:THR:H	1:80:A:TYR:HA	11	0.19
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	2	0.19
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	2	0.19
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	2	0.19
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	2	0.19
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	2	0.19
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	2	0.19
(13,1558)	1:98:A:ILE:HG21	1:101:A:ILE:HD11	3	0.19
(13,1558)	1:98:A:ILE:HG21	1:101:A:ILE:HD12	3	0.19
(13,1558)	1:98:A:ILE:HG21	1:101:A:ILE:HD13	3	0.19
(13,1558)	1:98:A:ILE:HG22	1:101:A:ILE:HD11	3	0.19
(13,1558)	1:98:A:ILE:HG22	1:101:A:ILE:HD12	3	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1558)	1:98:A:ILE:HG22	1:101:A:ILE:HD13	3	0.19
(13,1558)	1:98:A:ILE:HG23	1:101:A:ILE:HD11	3	0.19
(13,1558)	1:98:A:ILE:HG23	1:101:A:ILE:HD12	3	0.19
(13,1558)	1:98:A:ILE:HG23	1:101:A:ILE:HD13	3	0.19
(13,1551)	1:101:A:ILE:HD11	1:112:A:GLN:HA	18	0.19
(13,1551)	1:101:A:ILE:HD12	1:112:A:GLN:HA	18	0.19
(13,1551)	1:101:A:ILE:HD13	1:112:A:GLN:HA	18	0.19
(13,1507)	1:110:A:MET:H	1:110:A:MET:HE1	6	0.19
(13,1507)	1:110:A:MET:H	1:110:A:MET:HE2	6	0.19
(13,1507)	1:110:A:MET:H	1:110:A:MET:HE3	6	0.19
(13,1490)	1:69:A:MET:HE1	1:116:A:GLN:HE21	4	0.19
(13,1490)	1:69:A:MET:HE2	1:116:A:GLN:HE21	4	0.19
(13,1490)	1:69:A:MET:HE3	1:116:A:GLN:HE21	4	0.19
(13,1472)	1:114:A:ILE:HG21	1:117:A:VAL:HB	3	0.19
(13,1472)	1:114:A:ILE:HG22	1:117:A:VAL:HB	3	0.19
(13,1472)	1:114:A:ILE:HG23	1:117:A:VAL:HB	3	0.19
(13,1443)	1:45:A:ALA:HB1	1:47:A:ALA:H	11	0.19
(13,1443)	1:45:A:ALA:HB2	1:47:A:ALA:H	11	0.19
(13,1443)	1:45:A:ALA:HB3	1:47:A:ALA:H	11	0.19
(13,1400)	1:69:A:MET:HE1	1:73:A:ILE:HG21	14	0.19
(13,1400)	1:69:A:MET:HE1	1:73:A:ILE:HG22	14	0.19
(13,1400)	1:69:A:MET:HE1	1:73:A:ILE:HG23	14	0.19
(13,1400)	1:69:A:MET:HE2	1:73:A:ILE:HG21	14	0.19
(13,1400)	1:69:A:MET:HE2	1:73:A:ILE:HG22	14	0.19
(13,1400)	1:69:A:MET:HE2	1:73:A:ILE:HG23	14	0.19
(13,1400)	1:69:A:MET:HE3	1:73:A:ILE:HG21	14	0.19
(13,1400)	1:69:A:MET:HE3	1:73:A:ILE:HG22	14	0.19
(13,1400)	1:69:A:MET:HE3	1:73:A:ILE:HG23	14	0.19
(13,1336)	1:21:A:THR:H	1:21:A:THR:HG21	10	0.19
(13,1336)	1:21:A:THR:H	1:21:A:THR:HG22	10	0.19
(13,1336)	1:21:A:THR:H	1:21:A:THR:HG23	10	0.19
(13,1332)	1:119:A:LEU:HA	1:121:A:VAL:HG11	17	0.19
(13,1332)	1:119:A:LEU:HA	1:121:A:VAL:HG12	17	0.19
(13,1332)	1:119:A:LEU:HA	1:121:A:VAL:HG13	17	0.19
(13,1331)	1:120:A:CYS:HA	1:121:A:VAL:HG11	12	0.19
(13,1331)	1:120:A:CYS:HA	1:121:A:VAL:HG12	12	0.19
(13,1331)	1:120:A:CYS:HA	1:121:A:VAL:HG13	12	0.19
(13,1329)	1:120:A:CYS:H	1:121:A:VAL:HG11	6	0.19
(13,1329)	1:120:A:CYS:H	1:121:A:VAL:HG12	6	0.19
(13,1329)	1:120:A:CYS:H	1:121:A:VAL:HG13	6	0.19
(13,1329)	1:120:A:CYS:H	1:121:A:VAL:HG11	10	0.19
(13,1329)	1:120:A:CYS:H	1:121:A:VAL:HG12	10	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1329)	1:120:A:CYS:H	1:121:A:VAL:HG13	10	0.19
(13,1267)	1:128:A:LEU:H	1:128:A:LEU:HD21	4	0.19
(13,1267)	1:128:A:LEU:H	1:128:A:LEU:HD22	4	0.19
(13,1267)	1:128:A:LEU:H	1:128:A:LEU:HD23	4	0.19
(13,1250)	1:45:A:ALA:HA	1:48:A:ARG:HB2	15	0.19
(13,1250)	1:45:A:ALA:HA	1:48:A:ARG:HB3	15	0.19
(13,1227)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	7	0.19
(13,1227)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	7	0.19
(13,1227)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	7	0.19
(13,1227)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	7	0.19
(13,1227)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	7	0.19
(13,1227)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	7	0.19
(13,1227)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	7	0.19
(13,1227)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	7	0.19
(13,1227)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	7	0.19
(13,1178)	1:41:A:LYS:H	1:41:A:LYS:HG3	5	0.19
(13,1168)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	15	0.19
(13,1168)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	15	0.19
(13,1168)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	15	0.19
(13,1024)	1:11:A:ILE:HA	1:11:A:ILE:HG12	14	0.19
(13,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	14	0.19
(13,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	14	0.19
(13,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	14	0.19
(13,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	14	0.19
(13,920)	1:69:A:MET:HG2	1:109:A:PRO:HA	8	0.19
(13,920)	1:69:A:MET:HG2	1:109:A:PRO:HA	16	0.19
(13,901)	1:125:A:THR:HB	1:128:A:LEU:HB2	3	0.19
(13,896)	1:19:A:ALA:HA	1:20:A:THR:HB	11	0.19
(13,865)	1:138:A:ASP:HB2	1:141:A:LYS:HB2	14	0.19
(13,865)	1:138:A:ASP:HB2	1:141:A:LYS:HB3	14	0.19
(13,865)	1:138:A:ASP:HB3	1:141:A:LYS:HB2	14	0.19
(13,865)	1:138:A:ASP:HB3	1:141:A:LYS:HB3	14	0.19
(13,798)	1:98:A:ILE:HD11	1:104:A:PHE:HD1	10	0.19
(13,798)	1:98:A:ILE:HD11	1:104:A:PHE:HD2	10	0.19
(13,798)	1:98:A:ILE:HD12	1:104:A:PHE:HD1	10	0.19
(13,798)	1:98:A:ILE:HD12	1:104:A:PHE:HD2	10	0.19
(13,798)	1:98:A:ILE:HD13	1:104:A:PHE:HD1	10	0.19
(13,798)	1:98:A:ILE:HD13	1:104:A:PHE:HD2	10	0.19
(13,794)	1:98:A:ILE:HD11	1:100:A:ALA:H	3	0.19
(13,794)	1:98:A:ILE:HD12	1:100:A:ALA:H	3	0.19
(13,794)	1:98:A:ILE:HD13	1:100:A:ALA:H	3	0.19
(13,743)	1:141:A:LYS:H	1:143:A:TRP:HB2	6	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,653)	1:103:A:ARG:HG2	1:106:A:ASP:H	14	0.19
(13,653)	1:103:A:ARG:HG3	1:106:A:ASP:H	14	0.19
(13,643)	1:66:A:THR:H	1:70:A:LYS:H	14	0.19
(13,616)	1:118:A:ASP:HB3	1:120:A:CYS:H	6	0.19
(13,471)	1:103:A:ARG:H	1:103:A:ARG:HG2	12	0.19
(13,471)	1:103:A:ARG:H	1:103:A:ARG:HG3	12	0.19
(13,436)	1:73:A:ILE:HB	1:76:A:ARG:H	5	0.19
(13,405)	1:125:A:THR:H	1:128:A:LEU:HG	19	0.19
(13,370)	1:40:A:LEU:HB2	1:41:A:LYS:H	1	0.19
(13,328)	1:120:A:CYS:HA	1:122:A:ASP:H	11	0.19
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE1	19	0.19
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE2	19	0.19
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE3	19	0.19
(13,178)	1:93:A:GLU:H	1:93:A:GLU:HG2	6	0.19
(13,178)	1:93:A:GLU:H	1:93:A:GLU:HG3	6	0.19
(13,123)	1:80:A:TYR:H	1:80:A:TYR:HB3	6	0.19
(13,123)	1:80:A:TYR:H	1:80:A:TYR:HB2	6	0.19
(13,87)	1:151:A:PHE:H	1:151:A:PHE:HB3	18	0.19
(13,47)	1:98:A:ILE:H	1:101:A:ILE:HG21	5	0.19
(13,47)	1:98:A:ILE:H	1:101:A:ILE:HG22	5	0.19
(13,47)	1:98:A:ILE:H	1:101:A:ILE:HG23	5	0.19
(13,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	2	0.19
(13,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	2	0.19
(11,2460)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	1	0.19
(11,2460)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	1	0.19
(11,2460)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	1	0.19
(11,2460)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	1	0.19
(11,2460)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	15	0.19
(11,2460)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	15	0.19
(11,2460)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	15	0.19
(11,2460)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	15	0.19
(11,2344)	1:107:A:LEU:HD11	1:112:A:GLN:H	16	0.19
(11,2344)	1:107:A:LEU:HD12	1:112:A:GLN:H	16	0.19
(11,2344)	1:107:A:LEU:HD13	1:112:A:GLN:H	16	0.19
(11,2344)	1:107:A:LEU:HD21	1:112:A:GLN:H	16	0.19
(11,2344)	1:107:A:LEU:HD22	1:112:A:GLN:H	16	0.19
(11,2344)	1:107:A:LEU:HD23	1:112:A:GLN:H	16	0.19
(11,2303)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	1	0.19
(11,2303)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	1	0.19
(11,2303)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	1	0.19
(11,2303)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	1	0.19
(11,2303)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	1	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2303)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	1	0.19
(11,2303)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	1	0.19
(11,2303)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	1	0.19
(11,2303)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	1	0.19
(11,2303)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	1	0.19
(11,2303)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	1	0.19
(11,2303)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	1	0.19
(11,2300)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	16	0.19
(11,2300)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	16	0.19
(11,2300)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	16	0.19
(11,2300)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	16	0.19
(11,2300)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	16	0.19
(11,2300)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	16	0.19
(11,2300)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	16	0.19
(11,2300)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	16	0.19
(11,2300)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	16	0.19
(11,2300)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	16	0.19
(11,2300)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	16	0.19
(11,2300)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	16	0.19
(11,2300)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	16	0.19
(11,2300)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	16	0.19
(11,2300)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	16	0.19
(11,2300)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	16	0.19
(11,2300)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	16	0.19
(11,2300)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	16	0.19
(11,2253)	1:69:A:MET:HG2	1:70:A:LYS:HG2	4	0.19
(11,2253)	1:69:A:MET:HG2	1:70:A:LYS:HG3	4	0.19
(11,2253)	1:69:A:MET:HG3	1:70:A:LYS:HG2	4	0.19
(11,2253)	1:69:A:MET:HG3	1:70:A:LYS:HG3	4	0.19
(11,2211)	1:57:A:LEU:HD11	1:60:A:LEU:HG	19	0.19
(11,2211)	1:57:A:LEU:HD12	1:60:A:LEU:HG	19	0.19
(11,2211)	1:57:A:LEU:HD13	1:60:A:LEU:HG	19	0.19
(11,2211)	1:57:A:LEU:HD21	1:60:A:LEU:HG	19	0.19
(11,2211)	1:57:A:LEU:HD22	1:60:A:LEU:HG	19	0.19
(11,2211)	1:57:A:LEU:HD23	1:60:A:LEU:HG	19	0.19
(11,2146)	1:40:A:LEU:HD11	1:44:A:GLU:H	4	0.19
(11,2146)	1:40:A:LEU:HD12	1:44:A:GLU:H	4	0.19
(11,2146)	1:40:A:LEU:HD13	1:44:A:GLU:H	4	0.19
(11,2146)	1:40:A:LEU:HD21	1:44:A:GLU:H	4	0.19
(11,2146)	1:40:A:LEU:HD22	1:44:A:GLU:H	4	0.19
(11,2146)	1:40:A:LEU:HD23	1:44:A:GLU:H	4	0.19
(11,2142)	1:40:A:LEU:HD11	1:41:A:LYS:H	17	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2142)	1:40:A:LEU:HD12	1:41:A:LYS:H	17	0.19
(11,2142)	1:40:A:LEU:HD13	1:41:A:LYS:H	17	0.19
(11,2142)	1:40:A:LEU:HD21	1:41:A:LYS:H	17	0.19
(11,2142)	1:40:A:LEU:HD22	1:41:A:LYS:H	17	0.19
(11,2142)	1:40:A:LEU:HD23	1:41:A:LYS:H	17	0.19
(11,2097)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	16	0.19
(11,2097)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	16	0.19
(11,2097)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	16	0.19
(11,2097)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	16	0.19
(11,2097)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	16	0.19
(11,2097)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	16	0.19
(11,2076)	1:34:A:LYS:H	1:81:A:GLU:HB2	8	0.19
(11,2076)	1:34:A:LYS:H	1:81:A:GLU:HB3	8	0.19
(11,2073)	1:32:A:GLY:HA2	1:34:A:LYS:H	9	0.19
(11,2073)	1:32:A:GLY:HA3	1:34:A:LYS:H	9	0.19
(11,2058)	1:27:A:ARG:H	1:30:A:LEU:HD11	10	0.19
(11,2058)	1:27:A:ARG:H	1:30:A:LEU:HD12	10	0.19
(11,2058)	1:27:A:ARG:H	1:30:A:LEU:HD13	10	0.19
(11,2058)	1:27:A:ARG:H	1:30:A:LEU:HD21	10	0.19
(11,2058)	1:27:A:ARG:H	1:30:A:LEU:HD22	10	0.19
(11,2058)	1:27:A:ARG:H	1:30:A:LEU:HD23	10	0.19
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG21	1	0.19
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG22	1	0.19
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG23	1	0.19
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG21	1	0.19
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG22	1	0.19
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG23	1	0.19
(11,2015)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	10	0.19
(11,2015)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	10	0.19
(11,2015)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	10	0.19
(11,2015)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	10	0.19
(11,2015)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	10	0.19
(11,2015)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	10	0.19
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	6	0.19
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	6	0.19
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	6	0.19
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD21	6	0.19
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD22	6	0.19
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD23	6	0.19
(11,1971)	1:11:A:ILE:HA	1:40:A:LEU:HD11	13	0.19
(11,1971)	1:11:A:ILE:HA	1:40:A:LEU:HD12	13	0.19
(11,1971)	1:11:A:ILE:HA	1:40:A:LEU:HD13	13	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1971)	1:11:A:ILE:HA	1:40:A:LEU:HD21	13	0.19
(11,1971)	1:11:A:ILE:HA	1:40:A:LEU:HD22	13	0.19
(11,1971)	1:11:A:ILE:HA	1:40:A:LEU:HD23	13	0.19
(11,1930)	1:13:A:ALA:H	1:80:A:TYR:HE1	4	0.19
(11,1930)	1:13:A:ALA:H	1:80:A:TYR:HE2	4	0.19
(11,1920)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	15	0.19
(11,1920)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	15	0.19
(11,1920)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	15	0.19
(11,1920)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	15	0.19
(11,1801)	1:66:A:THR:HG21	1:97:A:ASP:HA	13	0.19
(11,1801)	1:66:A:THR:HG22	1:97:A:ASP:HA	13	0.19
(11,1801)	1:66:A:THR:HG23	1:97:A:ASP:HA	13	0.19
(11,1770)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	16	0.19
(11,1770)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	16	0.19
(11,1770)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	16	0.19
(11,1704)	1:107:A:LEU:H	1:111:A:GLU:HB2	3	0.19
(11,1704)	1:107:A:LEU:H	1:111:A:GLU:HB3	3	0.19
(11,1690)	1:69:A:MET:HA	1:69:A:MET:HE1	3	0.19
(11,1690)	1:69:A:MET:HA	1:69:A:MET:HE2	3	0.19
(11,1690)	1:69:A:MET:HA	1:69:A:MET:HE3	3	0.19
(11,1688)	1:69:A:MET:HE1	1:112:A:GLN:H	11	0.19
(11,1688)	1:69:A:MET:HE2	1:112:A:GLN:H	11	0.19
(11,1688)	1:69:A:MET:HE3	1:112:A:GLN:H	11	0.19
(11,1661)	1:79:A:THR:H	1:80:A:TYR:HA	11	0.19
(11,1619)	1:98:A:ILE:HG21	1:101:A:ILE:HD11	3	0.19
(11,1619)	1:98:A:ILE:HG21	1:101:A:ILE:HD12	3	0.19
(11,1619)	1:98:A:ILE:HG21	1:101:A:ILE:HD13	3	0.19
(11,1619)	1:98:A:ILE:HG22	1:101:A:ILE:HD11	3	0.19
(11,1619)	1:98:A:ILE:HG22	1:101:A:ILE:HD12	3	0.19
(11,1619)	1:98:A:ILE:HG22	1:101:A:ILE:HD13	3	0.19
(11,1619)	1:98:A:ILE:HG23	1:101:A:ILE:HD11	3	0.19
(11,1619)	1:98:A:ILE:HG23	1:101:A:ILE:HD12	3	0.19
(11,1619)	1:98:A:ILE:HG23	1:101:A:ILE:HD13	3	0.19
(11,1559)	1:110:A:MET:HE1	1:114:A:ILE:HG12	8	0.19
(11,1559)	1:110:A:MET:HE2	1:114:A:ILE:HG12	8	0.19
(11,1559)	1:110:A:MET:HE3	1:114:A:ILE:HG12	8	0.19
(11,1559)	1:110:A:MET:HE1	1:114:A:ILE:HG12	15	0.19
(11,1559)	1:110:A:MET:HE2	1:114:A:ILE:HG12	15	0.19
(11,1559)	1:110:A:MET:HE3	1:114:A:ILE:HG12	15	0.19
(11,1559)	1:110:A:MET:HE1	1:114:A:ILE:HG12	17	0.19
(11,1559)	1:110:A:MET:HE2	1:114:A:ILE:HG12	17	0.19
(11,1559)	1:110:A:MET:HE3	1:114:A:ILE:HG12	17	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1557)	1:110:A:MET:H	1:110:A:MET:HE1	10	0.19
(11,1557)	1:110:A:MET:H	1:110:A:MET:HE2	10	0.19
(11,1557)	1:110:A:MET:H	1:110:A:MET:HE3	10	0.19
(11,1519)	1:114:A:ILE:HG21	1:117:A:VAL:HB	3	0.19
(11,1519)	1:114:A:ILE:HG22	1:117:A:VAL:HB	3	0.19
(11,1519)	1:114:A:ILE:HG23	1:117:A:VAL:HB	3	0.19
(11,1488)	1:45:A:ALA:HB1	1:47:A:ALA:H	11	0.19
(11,1488)	1:45:A:ALA:HB2	1:47:A:ALA:H	11	0.19
(11,1488)	1:45:A:ALA:HB3	1:47:A:ALA:H	11	0.19
(11,1460)	1:31:A:PRO:HD3	1:144:A:LEU:HA	14	0.19
(11,1446)	1:121:A:VAL:HG21	1:122:A:ASP:H	2	0.19
(11,1446)	1:121:A:VAL:HG22	1:122:A:ASP:H	2	0.19
(11,1446)	1:121:A:VAL:HG23	1:122:A:ASP:H	2	0.19
(11,1411)	1:19:A:ALA:HB1	1:21:A:THR:HG21	13	0.19
(11,1411)	1:19:A:ALA:HB1	1:21:A:THR:HG22	13	0.19
(11,1411)	1:19:A:ALA:HB1	1:21:A:THR:HG23	13	0.19
(11,1411)	1:19:A:ALA:HB2	1:21:A:THR:HG21	13	0.19
(11,1411)	1:19:A:ALA:HB2	1:21:A:THR:HG22	13	0.19
(11,1411)	1:19:A:ALA:HB2	1:21:A:THR:HG23	13	0.19
(11,1411)	1:19:A:ALA:HB3	1:21:A:THR:HG21	13	0.19
(11,1411)	1:19:A:ALA:HB3	1:21:A:THR:HG22	13	0.19
(11,1411)	1:19:A:ALA:HB3	1:21:A:THR:HG23	13	0.19
(11,1385)	1:21:A:THR:H	1:21:A:THR:HG21	10	0.19
(11,1385)	1:21:A:THR:H	1:21:A:THR:HG22	10	0.19
(11,1385)	1:21:A:THR:H	1:21:A:THR:HG23	10	0.19
(11,1295)	1:45:A:ALA:HA	1:48:A:ARG:HB2	15	0.19
(11,1295)	1:45:A:ALA:HA	1:48:A:ARG:HB3	15	0.19
(11,1278)	1:23:A:LEU:HA	1:23:A:LEU:HD11	4	0.19
(11,1278)	1:23:A:LEU:HA	1:23:A:LEU:HD12	4	0.19
(11,1278)	1:23:A:LEU:HA	1:23:A:LEU:HD13	4	0.19
(11,1239)	1:34:A:LYS:H	1:81:A:GLU:HA	8	0.19
(11,1216)	1:41:A:LYS:H	1:41:A:LYS:HG3	5	0.19
(11,1203)	1:23:A:LEU:HA	1:23:A:LEU:HD21	10	0.19
(11,1203)	1:23:A:LEU:HA	1:23:A:LEU:HD22	10	0.19
(11,1203)	1:23:A:LEU:HA	1:23:A:LEU:HD23	10	0.19
(11,1202)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	15	0.19
(11,1202)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	15	0.19
(11,1202)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	15	0.19
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD11	16	0.19
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD12	16	0.19
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD13	16	0.19
(11,1099)	1:48:A:ARG:H	1:48:A:ARG:HG2	2	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1099)	1:48:A:ARG:H	1:48:A:ARG:HG3	2	0.19
(11,1099)	1:48:A:ARG:H	1:48:A:ARG:HG2	5	0.19
(11,1099)	1:48:A:ARG:H	1:48:A:ARG:HG3	5	0.19
(11,1066)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	5	0.19
(11,1066)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	5	0.19
(11,1066)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	17	0.19
(11,1066)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	17	0.19
(11,1049)	1:11:A:ILE:HA	1:11:A:ILE:HG12	14	0.19
(11,1039)	1:41:A:LYS:HA	1:44:A:GLU:HB2	16	0.19
(11,1039)	1:41:A:LYS:HA	1:44:A:GLU:HB3	16	0.19
(11,1025)	1:34:A:LYS:H	1:81:A:GLU:HB2	9	0.19
(11,1020)	1:66:A:THR:HG21	1:96:A:VAL:HA	2	0.19
(11,1020)	1:66:A:THR:HG22	1:96:A:VAL:HA	2	0.19
(11,1020)	1:66:A:THR:HG23	1:96:A:VAL:HA	2	0.19
(11,1017)	1:27:A:ARG:HB2	1:28:A:GLY:H	1	0.19
(11,964)	1:15:A:ALA:HB1	1:43:A:MET:HB2	3	0.19
(11,964)	1:15:A:ALA:HB2	1:43:A:MET:HB2	3	0.19
(11,964)	1:15:A:ALA:HB3	1:43:A:MET:HB2	3	0.19
(11,964)	1:15:A:ALA:HB1	1:43:A:MET:HB2	15	0.19
(11,964)	1:15:A:ALA:HB2	1:43:A:MET:HB2	15	0.19
(11,964)	1:15:A:ALA:HB3	1:43:A:MET:HB2	15	0.19
(11,915)	1:44:A:GLU:H	1:44:A:GLU:HG3	9	0.19
(11,915)	1:44:A:GLU:H	1:44:A:GLU:HG2	9	0.19
(11,807)	1:98:A:ILE:HD11	1:100:A:ALA:H	3	0.19
(11,807)	1:98:A:ILE:HD12	1:100:A:ALA:H	3	0.19
(11,807)	1:98:A:ILE:HD13	1:100:A:ALA:H	3	0.19
(11,799)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	9	0.19
(11,799)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	9	0.19
(11,799)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	9	0.19
(11,784)	1:60:A:LEU:H	1:63:A:ILE:HD11	17	0.19
(11,784)	1:60:A:LEU:H	1:63:A:ILE:HD12	17	0.19
(11,784)	1:60:A:LEU:H	1:63:A:ILE:HD13	17	0.19
(11,767)	1:73:A:ILE:HD11	1:113:A:PHE:HD1	8	0.19
(11,767)	1:73:A:ILE:HD11	1:113:A:PHE:HD2	8	0.19
(11,767)	1:73:A:ILE:HD12	1:113:A:PHE:HD1	8	0.19
(11,767)	1:73:A:ILE:HD12	1:113:A:PHE:HD2	8	0.19
(11,767)	1:73:A:ILE:HD13	1:113:A:PHE:HD1	8	0.19
(11,767)	1:73:A:ILE:HD13	1:113:A:PHE:HD2	8	0.19
(11,663)	1:103:A:ARG:HG2	1:106:A:ASP:H	14	0.19
(11,663)	1:103:A:ARG:HG3	1:106:A:ASP:H	14	0.19
(11,652)	1:66:A:THR:H	1:70:A:LYS:H	14	0.19
(11,621)	1:96:A:VAL:H	1:97:A:ASP:H	1	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,597)	1:55:A:GLY:H	1:57:A:LEU:H	19	0.19
(11,581)	1:127:A:CYS:HB2	1:130:A:GLY:H	7	0.19
(11,581)	1:127:A:CYS:HB2	1:130:A:GLY:H	10	0.19
(11,581)	1:127:A:CYS:HB2	1:130:A:GLY:H	13	0.19
(11,442)	1:73:A:ILE:HB	1:76:A:ARG:H	5	0.19
(11,367)	1:70:A:LYS:H	1:70:A:LYS:HE2	19	0.19
(11,367)	1:70:A:LYS:H	1:70:A:LYS:HE3	19	0.19
(11,335)	1:120:A:CYS:HA	1:122:A:ASP:H	11	0.19
(11,280)	1:113:A:PHE:H	1:116:A:GLN:HG3	7	0.19
(11,242)	1:23:A:LEU:HB2	1:24:A:ASP:H	9	0.19
(11,242)	1:23:A:LEU:HB3	1:24:A:ASP:H	9	0.19
(11,179)	1:93:A:GLU:H	1:93:A:GLU:HB2	4	0.19
(11,179)	1:93:A:GLU:H	1:93:A:GLU:HB3	4	0.19
(11,119)	1:79:A:THR:H	1:80:A:TYR:H	5	0.19
(11,110)	1:69:A:MET:H	1:73:A:ILE:HD11	3	0.19
(11,110)	1:69:A:MET:H	1:73:A:ILE:HD12	3	0.19
(11,110)	1:69:A:MET:H	1:73:A:ILE:HD13	3	0.19
(11,110)	1:69:A:MET:H	1:73:A:ILE:HD11	17	0.19
(11,110)	1:69:A:MET:H	1:73:A:ILE:HD12	17	0.19
(11,110)	1:69:A:MET:H	1:73:A:ILE:HD13	17	0.19
(11,69)	1:80:A:TYR:HB3	1:81:A:GLU:H	19	0.19
(11,69)	1:80:A:TYR:HB2	1:81:A:GLU:H	19	0.19
(9,2368)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	17	0.19
(9,2368)	1:132:A:ALA:HB1	1:133:A:ASN:HD22	17	0.19
(9,2368)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	17	0.19
(9,2368)	1:132:A:ALA:HB2	1:133:A:ASN:HD22	17	0.19
(9,2368)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	17	0.19
(9,2368)	1:132:A:ALA:HB3	1:133:A:ASN:HD22	17	0.19
(9,2163)	1:60:A:LEU:HD11	1:61:A:SER:HB2	16	0.19
(9,2163)	1:60:A:LEU:HD11	1:61:A:SER:HB3	16	0.19
(9,2163)	1:60:A:LEU:HD12	1:61:A:SER:HB2	16	0.19
(9,2163)	1:60:A:LEU:HD12	1:61:A:SER:HB3	16	0.19
(9,2163)	1:60:A:LEU:HD13	1:61:A:SER:HB2	16	0.19
(9,2163)	1:60:A:LEU:HD13	1:61:A:SER:HB3	16	0.19
(9,2147)	1:56:A:CYS:H	1:122:A:ASP:HB2	4	0.19
(9,2147)	1:56:A:CYS:H	1:122:A:ASP:HB3	4	0.19
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG11	1	0.19
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG12	1	0.19
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG13	1	0.19
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG21	1	0.19
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG22	1	0.19
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG23	1	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG11	3	0.19
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG12	3	0.19
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG13	3	0.19
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG21	3	0.19
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG22	3	0.19
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG23	3	0.19
(9,2055)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	13	0.19
(9,2055)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	13	0.19
(9,2055)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	13	0.19
(9,2055)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	13	0.19
(9,2055)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	13	0.19
(9,2055)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	13	0.19
(9,2024)	1:27:A:ARG:H	1:30:A:LEU:HD11	10	0.19
(9,2024)	1:27:A:ARG:H	1:30:A:LEU:HD12	10	0.19
(9,2024)	1:27:A:ARG:H	1:30:A:LEU:HD13	10	0.19
(9,2024)	1:27:A:ARG:H	1:30:A:LEU:HD21	10	0.19
(9,2024)	1:27:A:ARG:H	1:30:A:LEU:HD22	10	0.19
(9,2024)	1:27:A:ARG:H	1:30:A:LEU:HD23	10	0.19
(9,1899)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	15	0.19
(9,1899)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	15	0.19
(9,1899)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	15	0.19
(9,1899)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	15	0.19
(9,1841)	1:9:A:PHE:HD1	1:11:A:ILE:H	12	0.19
(9,1841)	1:9:A:PHE:HD2	1:11:A:ILE:H	12	0.19
(9,1834)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	11	0.19
(9,1834)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	11	0.19
(9,1834)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	11	0.19
(9,1826)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	15	0.19
(9,1826)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	15	0.19
(9,1791)	1:9:A:PHE:HD1	1:11:A:ILE:HB	7	0.19
(9,1791)	1:9:A:PHE:HD2	1:11:A:ILE:HB	7	0.19
(9,1726)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	16	0.19
(9,1726)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	16	0.19
(9,1726)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	16	0.19
(9,1679)	1:69:A:MET:HG3	1:109:A:PRO:HA	7	0.19
(9,1661)	1:107:A:LEU:H	1:111:A:GLU:HB2	3	0.19
(9,1661)	1:107:A:LEU:H	1:111:A:GLU:HB3	3	0.19
(9,1646)	1:69:A:MET:HE1	1:112:A:GLN:H	11	0.19
(9,1646)	1:69:A:MET:HE2	1:112:A:GLN:H	11	0.19
(9,1646)	1:69:A:MET:HE3	1:112:A:GLN:H	11	0.19
(9,1618)	1:79:A:THR:H	1:80:A:TYR:HA	11	0.19
(9,1591)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	6	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1591)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	6	0.19
(9,1591)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	6	0.19
(9,1584)	1:98:A:ILE:HG21	1:101:A:ILE:HD11	3	0.19
(9,1584)	1:98:A:ILE:HG21	1:101:A:ILE:HD12	3	0.19
(9,1584)	1:98:A:ILE:HG21	1:101:A:ILE:HD13	3	0.19
(9,1584)	1:98:A:ILE:HG22	1:101:A:ILE:HD11	3	0.19
(9,1584)	1:98:A:ILE:HG22	1:101:A:ILE:HD12	3	0.19
(9,1584)	1:98:A:ILE:HG22	1:101:A:ILE:HD13	3	0.19
(9,1584)	1:98:A:ILE:HG23	1:101:A:ILE:HD11	3	0.19
(9,1584)	1:98:A:ILE:HG23	1:101:A:ILE:HD12	3	0.19
(9,1584)	1:98:A:ILE:HG23	1:101:A:ILE:HD13	3	0.19
(9,1533)	1:110:A:MET:H	1:110:A:MET:HE1	10	0.19
(9,1533)	1:110:A:MET:H	1:110:A:MET:HE2	10	0.19
(9,1533)	1:110:A:MET:H	1:110:A:MET:HE3	10	0.19
(9,1515)	1:69:A:MET:HE1	1:116:A:GLN:HE21	6	0.19
(9,1515)	1:69:A:MET:HE2	1:116:A:GLN:HE21	6	0.19
(9,1515)	1:69:A:MET:HE3	1:116:A:GLN:HE21	6	0.19
(9,1514)	1:69:A:MET:HE1	1:115:A:ALA:H	4	0.19
(9,1514)	1:69:A:MET:HE2	1:115:A:ALA:H	4	0.19
(9,1514)	1:69:A:MET:HE3	1:115:A:ALA:H	4	0.19
(9,1505)	1:43:A:MET:HE1	1:46:A:ASN:HB2	8	0.19
(9,1505)	1:43:A:MET:HE2	1:46:A:ASN:HB2	8	0.19
(9,1505)	1:43:A:MET:HE3	1:46:A:ASN:HB2	8	0.19
(9,1493)	1:114:A:ILE:HG21	1:117:A:VAL:HB	3	0.19
(9,1493)	1:114:A:ILE:HG22	1:117:A:VAL:HB	3	0.19
(9,1493)	1:114:A:ILE:HG23	1:117:A:VAL:HB	3	0.19
(9,1427)	1:50:A:ALA:HB1	1:127:A:CYS:HA	16	0.19
(9,1427)	1:50:A:ALA:HB2	1:127:A:CYS:HA	16	0.19
(9,1427)	1:50:A:ALA:HB3	1:127:A:CYS:HA	16	0.19
(9,1422)	1:121:A:VAL:HG21	1:122:A:ASP:H	2	0.19
(9,1422)	1:121:A:VAL:HG22	1:122:A:ASP:H	2	0.19
(9,1422)	1:121:A:VAL:HG23	1:122:A:ASP:H	2	0.19
(9,1402)	1:60:A:LEU:HD21	1:120:A:CYS:HA	8	0.19
(9,1402)	1:60:A:LEU:HD22	1:120:A:CYS:HA	8	0.19
(9,1402)	1:60:A:LEU:HD23	1:120:A:CYS:HA	8	0.19
(9,1387)	1:9:A:PHE:HE1	1:11:A:ILE:HG21	2	0.19
(9,1387)	1:9:A:PHE:HE1	1:11:A:ILE:HG22	2	0.19
(9,1387)	1:9:A:PHE:HE1	1:11:A:ILE:HG23	2	0.19
(9,1387)	1:9:A:PHE:HE2	1:11:A:ILE:HG21	2	0.19
(9,1387)	1:9:A:PHE:HE2	1:11:A:ILE:HG22	2	0.19
(9,1387)	1:9:A:PHE:HE2	1:11:A:ILE:HG23	2	0.19
(9,1350)	1:120:A:CYS:H	1:121:A:VAL:HG11	6	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1350)	1:120:A:CYS:H	1:121:A:VAL:HG12	6	0.19
(9,1350)	1:120:A:CYS:H	1:121:A:VAL:HG13	6	0.19
(9,1350)	1:120:A:CYS:H	1:121:A:VAL:HG11	10	0.19
(9,1350)	1:120:A:CYS:H	1:121:A:VAL:HG12	10	0.19
(9,1350)	1:120:A:CYS:H	1:121:A:VAL:HG13	10	0.19
(9,1276)	1:45:A:ALA:HA	1:48:A:ARG:HB2	15	0.19
(9,1276)	1:45:A:ALA:HA	1:48:A:ARG:HB3	15	0.19
(9,1194)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	15	0.19
(9,1194)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	15	0.19
(9,1194)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	15	0.19
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD21	7	0.19
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD22	7	0.19
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD23	7	0.19
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD21	18	0.19
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD22	18	0.19
(9,1169)	1:101:A:ILE:H	1:119:A:LEU:HD23	18	0.19
(9,1110)	1:41:A:LYS:HA	1:44:A:GLU:HG2	4	0.19
(9,1024)	1:41:A:LYS:HA	1:44:A:GLU:HB2	16	0.19
(9,1024)	1:41:A:LYS:HA	1:44:A:GLU:HB3	16	0.19
(9,1011)	1:66:A:THR:HG21	1:96:A:VAL:HA	2	0.19
(9,1011)	1:66:A:THR:HG22	1:96:A:VAL:HA	2	0.19
(9,1011)	1:66:A:THR:HG23	1:96:A:VAL:HA	2	0.19
(9,1008)	1:27:A:ARG:HB2	1:28:A:GLY:H	1	0.19
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB2	15	0.19
(9,997)	1:98:A:ILE:HB	1:105:A:LYS:HB3	15	0.19
(9,919)	1:125:A:THR:HB	1:128:A:LEU:HB2	3	0.19
(9,906)	1:19:A:ALA:HA	1:20:A:THR:HB	11	0.19
(9,807)	1:98:A:ILE:HD11	1:100:A:ALA:H	3	0.19
(9,807)	1:98:A:ILE:HD12	1:100:A:ALA:H	3	0.19
(9,807)	1:98:A:ILE:HD13	1:100:A:ALA:H	3	0.19
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD11	1	0.19
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD12	1	0.19
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD13	1	0.19
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD11	6	0.19
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD12	6	0.19
(9,793)	1:11:A:ILE:HB	1:11:A:ILE:HD13	6	0.19
(9,773)	1:101:A:ILE:HD11	1:118:A:ASP:H	19	0.19
(9,773)	1:101:A:ILE:HD12	1:118:A:ASP:H	19	0.19
(9,773)	1:101:A:ILE:HD13	1:118:A:ASP:H	19	0.19
(9,651)	1:101:A:ILE:H	1:104:A:PHE:HB3	7	0.19
(9,597)	1:55:A:GLY:H	1:57:A:LEU:H	19	0.19
(9,579)	1:127:A:CYS:HB2	1:130:A:GLY:H	7	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,579)	1:127:A:CYS:HB2	1:130:A:GLY:H	10	0.19
(9,579)	1:127:A:CYS:HB2	1:130:A:GLY:H	13	0.19
(9,480)	1:103:A:ARG:H	1:103:A:ARG:HG2	12	0.19
(9,480)	1:103:A:ARG:H	1:103:A:ARG:HG3	12	0.19
(9,455)	1:142:A:LYS:H	1:143:A:TRP:HB2	7	0.19
(9,446)	1:73:A:ILE:HB	1:76:A:ARG:H	5	0.19
(9,342)	1:120:A:CYS:HA	1:122:A:ASP:H	11	0.19
(9,286)	1:113:A:PHE:H	1:116:A:GLN:HG3	7	0.19
(9,118)	1:79:A:THR:H	1:80:A:TYR:H	5	0.19
(9,49)	1:44:A:GLU:HB2	1:47:A:ALA:H	9	0.19
(9,49)	1:44:A:GLU:HB3	1:47:A:ALA:H	9	0.19
(9,34)	1:95:A:ILE:HB	1:96:A:VAL:H	12	0.19
(7,2412)	1:132:A:ALA:HA	1:133:A:ASN:HB2	1	0.19
(7,2412)	1:132:A:ALA:HA	1:133:A:ASN:HB3	1	0.19
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD11	4	0.19
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD12	4	0.19
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD13	4	0.19
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD21	4	0.19
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD22	4	0.19
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD23	4	0.19
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD11	4	0.19
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD12	4	0.19
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD13	4	0.19
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD21	4	0.19
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD22	4	0.19
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD23	4	0.19
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD11	4	0.19
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD12	4	0.19
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD13	4	0.19
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD21	4	0.19
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD22	4	0.19
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD23	4	0.19
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD11	4	0.19
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD12	4	0.19
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD13	4	0.19
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD21	4	0.19
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD22	4	0.19
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD23	4	0.19
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD11	4	0.19
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD12	4	0.19
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD13	4	0.19
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD21	4	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD22	4	0.19
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD23	4	0.19
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD11	4	0.19
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD12	4	0.19
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD13	4	0.19
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD21	4	0.19
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD22	4	0.19
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD23	4	0.19
(7,2315)	1:107:A:LEU:HD11	1:108:A:GLU:H	18	0.19
(7,2315)	1:107:A:LEU:HD12	1:108:A:GLU:H	18	0.19
(7,2315)	1:107:A:LEU:HD13	1:108:A:GLU:H	18	0.19
(7,2315)	1:107:A:LEU:HD21	1:108:A:GLU:H	18	0.19
(7,2315)	1:107:A:LEU:HD22	1:108:A:GLU:H	18	0.19
(7,2315)	1:107:A:LEU:HD23	1:108:A:GLU:H	18	0.19
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	12	0.19
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	12	0.19
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	12	0.19
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	12	0.19
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	12	0.19
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	12	0.19
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	12	0.19
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	12	0.19
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	12	0.19
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	12	0.19
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	12	0.19
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	12	0.19
(7,2202)	1:64:A:LYS:H	1:116:A:GLN:HG2	10	0.19
(7,2202)	1:64:A:LYS:H	1:116:A:GLN:HG3	10	0.19
(7,2194)	1:63:A:ILE:HG12	1:113:A:PHE:HE1	4	0.19
(7,2194)	1:63:A:ILE:HG12	1:113:A:PHE:HE2	4	0.19
(7,2194)	1:63:A:ILE:HG13	1:113:A:PHE:HE1	4	0.19
(7,2194)	1:63:A:ILE:HG13	1:113:A:PHE:HE2	4	0.19
(7,2145)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	2	0.19
(7,2145)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	2	0.19
(7,2145)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	2	0.19
(7,2145)	1:47:A:ALA:HB1	1:57:A:LEU:HD21	2	0.19
(7,2145)	1:47:A:ALA:HB1	1:57:A:LEU:HD22	2	0.19
(7,2145)	1:47:A:ALA:HB1	1:57:A:LEU:HD23	2	0.19
(7,2145)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	2	0.19
(7,2145)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	2	0.19
(7,2145)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	2	0.19
(7,2145)	1:47:A:ALA:HB2	1:57:A:LEU:HD21	2	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2145)	1:47:A:ALA:HB2	1:57:A:LEU:HD22	2	0.19
(7,2145)	1:47:A:ALA:HB2	1:57:A:LEU:HD23	2	0.19
(7,2145)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	2	0.19
(7,2145)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	2	0.19
(7,2145)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	2	0.19
(7,2145)	1:47:A:ALA:HB3	1:57:A:LEU:HD21	2	0.19
(7,2145)	1:47:A:ALA:HB3	1:57:A:LEU:HD22	2	0.19
(7,2145)	1:47:A:ALA:HB3	1:57:A:LEU:HD23	2	0.19
(7,2137)	1:46:A:ASN:HD21	1:47:A:ALA:H	10	0.19
(7,2137)	1:46:A:ASN:HD22	1:47:A:ALA:H	10	0.19
(7,2111)	1:42:A:GLU:HB2	1:139:A:LEU:HD11	17	0.19
(7,2111)	1:42:A:GLU:HB2	1:139:A:LEU:HD12	17	0.19
(7,2111)	1:42:A:GLU:HB2	1:139:A:LEU:HD13	17	0.19
(7,2111)	1:42:A:GLU:HB2	1:139:A:LEU:HD21	17	0.19
(7,2111)	1:42:A:GLU:HB2	1:139:A:LEU:HD22	17	0.19
(7,2111)	1:42:A:GLU:HB2	1:139:A:LEU:HD23	17	0.19
(7,2111)	1:42:A:GLU:HB3	1:139:A:LEU:HD11	17	0.19
(7,2111)	1:42:A:GLU:HB3	1:139:A:LEU:HD12	17	0.19
(7,2111)	1:42:A:GLU:HB3	1:139:A:LEU:HD13	17	0.19
(7,2111)	1:42:A:GLU:HB3	1:139:A:LEU:HD21	17	0.19
(7,2111)	1:42:A:GLU:HB3	1:139:A:LEU:HD22	17	0.19
(7,2111)	1:42:A:GLU:HB3	1:139:A:LEU:HD23	17	0.19
(7,2104)	1:40:A:LEU:HD11	1:43:A:MET:HB3	10	0.19
(7,2104)	1:40:A:LEU:HD12	1:43:A:MET:HB3	10	0.19
(7,2104)	1:40:A:LEU:HD13	1:43:A:MET:HB3	10	0.19
(7,2104)	1:40:A:LEU:HD21	1:43:A:MET:HB3	10	0.19
(7,2104)	1:40:A:LEU:HD22	1:43:A:MET:HB3	10	0.19
(7,2104)	1:40:A:LEU:HD23	1:43:A:MET:HB3	10	0.19
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD11	3	0.19
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD12	3	0.19
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD13	3	0.19
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD21	3	0.19
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD22	3	0.19
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD23	3	0.19
(7,2078)	1:39:A:VAL:HA	1:140:A:LEU:HD11	13	0.19
(7,2078)	1:39:A:VAL:HA	1:140:A:LEU:HD12	13	0.19
(7,2078)	1:39:A:VAL:HA	1:140:A:LEU:HD13	13	0.19
(7,2078)	1:39:A:VAL:HA	1:140:A:LEU:HD21	13	0.19
(7,2078)	1:39:A:VAL:HA	1:140:A:LEU:HD22	13	0.19
(7,2078)	1:39:A:VAL:HA	1:140:A:LEU:HD23	13	0.19
(7,2051)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	16	0.19
(7,2051)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	16	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2051)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	16	0.19
(7,2051)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	16	0.19
(7,2051)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	16	0.19
(7,2051)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	16	0.19
(7,2003)	1:27:A:ARG:H	1:30:A:LEU:HD11	10	0.19
(7,2003)	1:27:A:ARG:H	1:30:A:LEU:HD12	10	0.19
(7,2003)	1:27:A:ARG:H	1:30:A:LEU:HD13	10	0.19
(7,2003)	1:27:A:ARG:H	1:30:A:LEU:HD21	10	0.19
(7,2003)	1:27:A:ARG:H	1:30:A:LEU:HD22	10	0.19
(7,2003)	1:27:A:ARG:H	1:30:A:LEU:HD23	10	0.19
(7,1977)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	8	0.19
(7,1977)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	8	0.19
(7,1977)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	8	0.19
(7,1977)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	8	0.19
(7,1977)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	8	0.19
(7,1977)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	8	0.19
(7,1977)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	8	0.19
(7,1977)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	8	0.19
(7,1977)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	8	0.19
(7,1977)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	8	0.19
(7,1977)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	8	0.19
(7,1977)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	8	0.19
(7,1974)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	19	0.19
(7,1974)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	19	0.19
(7,1974)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	19	0.19
(7,1974)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	19	0.19
(7,1974)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	19	0.19
(7,1974)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	19	0.19
(7,1974)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	19	0.19
(7,1974)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	19	0.19
(7,1974)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	19	0.19
(7,1974)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	19	0.19
(7,1974)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	19	0.19
(7,1974)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	19	0.19
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	9	0.19
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	9	0.19
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	9	0.19
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	9	0.19
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	9	0.19
(7,1908)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	9	0.19
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	9	0.19
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	9	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	9	0.19
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	9	0.19
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	9	0.19
(7,1908)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	9	0.19
(7,1876)	1:13:A:ALA:H	1:80:A:TYR:HE1	4	0.19
(7,1876)	1:13:A:ALA:H	1:80:A:TYR:HE2	4	0.19
(7,1864)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	12	0.19
(7,1864)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	12	0.19
(7,1820)	1:9:A:PHE:HD1	1:11:A:ILE:H	12	0.19
(7,1820)	1:9:A:PHE:HD2	1:11:A:ILE:H	12	0.19
(7,1728)	1:66:A:THR:HG21	1:97:A:ASP:HA	13	0.19
(7,1728)	1:66:A:THR:HG22	1:97:A:ASP:HA	13	0.19
(7,1728)	1:66:A:THR:HG23	1:97:A:ASP:HA	13	0.19
(7,1708)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	4	0.19
(7,1708)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	4	0.19
(7,1708)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	4	0.19
(7,1708)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	4	0.19
(7,1701)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	16	0.19
(7,1701)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	16	0.19
(7,1701)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	16	0.19
(7,1653)	1:69:A:MET:HA	1:109:A:PRO:HA	10	0.19
(7,1639)	1:107:A:LEU:H	1:111:A:GLU:HB2	3	0.19
(7,1639)	1:107:A:LEU:H	1:111:A:GLU:HB3	3	0.19
(7,1562)	1:98:A:ILE:HG21	1:101:A:ILE:HD11	3	0.19
(7,1562)	1:98:A:ILE:HG21	1:101:A:ILE:HD12	3	0.19
(7,1562)	1:98:A:ILE:HG21	1:101:A:ILE:HD13	3	0.19
(7,1562)	1:98:A:ILE:HG22	1:101:A:ILE:HD11	3	0.19
(7,1562)	1:98:A:ILE:HG22	1:101:A:ILE:HD12	3	0.19
(7,1562)	1:98:A:ILE:HG22	1:101:A:ILE:HD13	3	0.19
(7,1562)	1:98:A:ILE:HG23	1:101:A:ILE:HD11	3	0.19
(7,1562)	1:98:A:ILE:HG23	1:101:A:ILE:HD12	3	0.19
(7,1562)	1:98:A:ILE:HG23	1:101:A:ILE:HD13	3	0.19
(7,1461)	1:101:A:ILE:HG21	1:102:A:PRO:HD3	3	0.19
(7,1461)	1:101:A:ILE:HG22	1:102:A:PRO:HD3	3	0.19
(7,1461)	1:101:A:ILE:HG23	1:102:A:PRO:HD3	3	0.19
(7,1426)	1:50:A:ALA:HB1	1:130:A:GLY:H	13	0.19
(7,1426)	1:50:A:ALA:HB2	1:130:A:GLY:H	13	0.19
(7,1426)	1:50:A:ALA:HB3	1:130:A:GLY:H	13	0.19
(7,1415)	1:50:A:ALA:HB1	1:127:A:CYS:HA	16	0.19
(7,1415)	1:50:A:ALA:HB2	1:127:A:CYS:HA	16	0.19
(7,1415)	1:50:A:ALA:HB3	1:127:A:CYS:HA	16	0.19
(7,1410)	1:121:A:VAL:HG21	1:122:A:ASP:H	2	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1410)	1:121:A:VAL:HG22	1:122:A:ASP:H	2	0.19
(7,1410)	1:121:A:VAL:HG23	1:122:A:ASP:H	2	0.19
(7,1349)	1:21:A:THR:H	1:21:A:THR:HG21	10	0.19
(7,1349)	1:21:A:THR:H	1:21:A:THR:HG22	10	0.19
(7,1349)	1:21:A:THR:H	1:21:A:THR:HG23	10	0.19
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG11	19	0.19
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG12	19	0.19
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG13	19	0.19
(7,1333)	1:141:A:LYS:HB2	1:149:A:ALA:HA	8	0.19
(7,1333)	1:141:A:LYS:HB3	1:149:A:ALA:HA	8	0.19
(7,1269)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	12	0.19
(7,1269)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	12	0.19
(7,1269)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	12	0.19
(7,1260)	1:45:A:ALA:HA	1:48:A:ARG:HB2	15	0.19
(7,1260)	1:45:A:ALA:HA	1:48:A:ARG:HB3	15	0.19
(7,1252)	1:114:A:ILE:HA	1:117:A:VAL:HG11	14	0.19
(7,1252)	1:114:A:ILE:HA	1:117:A:VAL:HG12	14	0.19
(7,1252)	1:114:A:ILE:HA	1:117:A:VAL:HG13	14	0.19
(7,1252)	1:114:A:ILE:HA	1:117:A:VAL:HG11	19	0.19
(7,1252)	1:114:A:ILE:HA	1:117:A:VAL:HG12	19	0.19
(7,1252)	1:114:A:ILE:HA	1:117:A:VAL:HG13	19	0.19
(7,1200)	1:110:A:MET:HA	1:113:A:PHE:HB2	13	0.19
(7,1182)	1:41:A:LYS:H	1:41:A:LYS:HG3	5	0.19
(7,1092)	1:41:A:LYS:HA	1:44:A:GLU:HB2	18	0.19
(7,1092)	1:41:A:LYS:HA	1:44:A:GLU:HB3	18	0.19
(7,1017)	1:11:A:ILE:HA	1:11:A:ILE:HG12	14	0.19
(7,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	14	0.19
(7,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	14	0.19
(7,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	14	0.19
(7,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	14	0.19
(7,958)	1:67:A:PRO:HA	1:70:A:LYS:HB2	9	0.19
(7,958)	1:67:A:PRO:HA	1:70:A:LYS:HB3	9	0.19
(7,926)	1:69:A:MET:HG2	1:109:A:PRO:HA	8	0.19
(7,926)	1:69:A:MET:HG2	1:109:A:PRO:HA	16	0.19
(7,920)	1:79:A:THR:HG21	1:81:A:GLU:HG2	4	0.19
(7,920)	1:79:A:THR:HG21	1:81:A:GLU:HG3	4	0.19
(7,920)	1:79:A:THR:HG22	1:81:A:GLU:HG2	4	0.19
(7,920)	1:79:A:THR:HG22	1:81:A:GLU:HG3	4	0.19
(7,920)	1:79:A:THR:HG23	1:81:A:GLU:HG2	4	0.19
(7,920)	1:79:A:THR:HG23	1:81:A:GLU:HG3	4	0.19
(7,916)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	4	0.19
(7,916)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	4	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,875)	1:113:A:PHE:HB2	1:114:A:ILE:HD11	6	0.19
(7,875)	1:113:A:PHE:HB2	1:114:A:ILE:HD12	6	0.19
(7,875)	1:113:A:PHE:HB2	1:114:A:ILE:HD13	6	0.19
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB2	19	0.19
(7,853)	1:19:A:ALA:HA	1:23:A:LEU:HB3	19	0.19
(7,800)	1:98:A:ILE:HD11	1:100:A:ALA:H	3	0.19
(7,800)	1:98:A:ILE:HD12	1:100:A:ALA:H	3	0.19
(7,800)	1:98:A:ILE:HD13	1:100:A:ALA:H	3	0.19
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD11	15	0.19
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD12	15	0.19
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD13	15	0.19
(7,749)	1:141:A:LYS:H	1:143:A:TRP:HB2	6	0.19
(7,660)	1:103:A:ARG:HG2	1:106:A:ASP:H	14	0.19
(7,660)	1:103:A:ARG:HG3	1:106:A:ASP:H	14	0.19
(7,619)	1:118:A:ASP:HB3	1:120:A:CYS:H	6	0.19
(7,440)	1:73:A:ILE:HB	1:76:A:ARG:H	5	0.19
(7,433)	1:68:A:LYS:H	1:68:A:LYS:HE2	17	0.19
(7,433)	1:68:A:LYS:H	1:68:A:LYS:HE3	17	0.19
(7,269)	1:108:A:GLU:H	1:112:A:GLN:H	1	0.19
(7,180)	1:93:A:GLU:H	1:93:A:GLU:HB2	4	0.19
(7,180)	1:93:A:GLU:H	1:93:A:GLU:HB3	4	0.19
(7,124)	1:80:A:TYR:H	1:80:A:TYR:HB3	6	0.19
(7,124)	1:80:A:TYR:H	1:80:A:TYR:HB2	6	0.19
(7,49)	1:98:A:ILE:H	1:101:A:ILE:HG21	5	0.19
(7,49)	1:98:A:ILE:H	1:101:A:ILE:HG22	5	0.19
(7,49)	1:98:A:ILE:H	1:101:A:ILE:HG23	5	0.19
(6,2350)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	17	0.19
(6,2350)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	17	0.19
(6,2350)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	17	0.19
(6,2350)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	17	0.19
(6,2350)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	17	0.19
(6,2350)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	17	0.19
(6,2318)	1:105:A:LYS:H	1:105:A:LYS:HG2	3	0.19
(6,2318)	1:105:A:LYS:H	1:105:A:LYS:HG3	3	0.19
(6,2318)	1:105:A:LYS:H	1:105:A:LYS:HG2	12	0.19
(6,2318)	1:105:A:LYS:H	1:105:A:LYS:HG3	12	0.19
(6,2249)	1:69:A:MET:HG2	1:109:A:PRO:HA	7	0.19
(6,2249)	1:69:A:MET:HG3	1:109:A:PRO:HA	7	0.19
(6,2235)	1:65:A:CYS:HB2	1:70:A:LYS:H	8	0.19
(6,2235)	1:65:A:CYS:HB3	1:70:A:LYS:H	8	0.19
(6,2202)	1:57:A:LEU:HD11	1:60:A:LEU:HG	19	0.19
(6,2202)	1:57:A:LEU:HD12	1:60:A:LEU:HG	19	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2202)	1:57:A:LEU:HD13	1:60:A:LEU:HG	19	0.19
(6,2202)	1:57:A:LEU:HD21	1:60:A:LEU:HG	19	0.19
(6,2202)	1:57:A:LEU:HD22	1:60:A:LEU:HG	19	0.19
(6,2202)	1:57:A:LEU:HD23	1:60:A:LEU:HG	19	0.19
(6,2186)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	12	0.19
(6,2186)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	12	0.19
(6,2186)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	12	0.19
(6,2186)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	12	0.19
(6,2186)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	12	0.19
(6,2186)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	12	0.19
(6,2109)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	13	0.19
(6,2109)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	13	0.19
(6,2109)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	13	0.19
(6,2109)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	13	0.19
(6,2109)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	13	0.19
(6,2109)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	13	0.19
(6,2109)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	13	0.19
(6,2109)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	13	0.19
(6,2109)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	13	0.19
(6,2109)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	13	0.19
(6,2109)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	13	0.19
(6,2109)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	13	0.19
(6,2107)	1:39:A:VAL:HG11	1:41:A:LYS:H	8	0.19
(6,2107)	1:39:A:VAL:HG12	1:41:A:LYS:H	8	0.19
(6,2107)	1:39:A:VAL:HG13	1:41:A:LYS:H	8	0.19
(6,2107)	1:39:A:VAL:HG21	1:41:A:LYS:H	8	0.19
(6,2107)	1:39:A:VAL:HG22	1:41:A:LYS:H	8	0.19
(6,2107)	1:39:A:VAL:HG23	1:41:A:LYS:H	8	0.19
(6,2077)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	5	0.19
(6,2077)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	5	0.19
(6,2077)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	5	0.19
(6,2077)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	5	0.19
(6,2077)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	5	0.19
(6,2077)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	5	0.19
(6,2077)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	5	0.19
(6,2077)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	5	0.19
(6,2077)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	5	0.19
(6,2077)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	5	0.19
(6,2077)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	5	0.19
(6,2077)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	5	0.19
(6,2049)	1:27:A:ARG:H	1:30:A:LEU:HD11	10	0.19
(6,2049)	1:27:A:ARG:H	1:30:A:LEU:HD12	10	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2049)	1:27:A:ARG:H	1:30:A:LEU:HD13	10	0.19
(6,2049)	1:27:A:ARG:H	1:30:A:LEU:HD21	10	0.19
(6,2049)	1:27:A:ARG:H	1:30:A:LEU:HD22	10	0.19
(6,2049)	1:27:A:ARG:H	1:30:A:LEU:HD23	10	0.19
(6,2011)	1:15:A:ALA:H	1:131:A:LEU:HD11	18	0.19
(6,2011)	1:15:A:ALA:H	1:131:A:LEU:HD12	18	0.19
(6,2011)	1:15:A:ALA:H	1:131:A:LEU:HD13	18	0.19
(6,2011)	1:15:A:ALA:H	1:131:A:LEU:HD21	18	0.19
(6,2011)	1:15:A:ALA:H	1:131:A:LEU:HD22	18	0.19
(6,2011)	1:15:A:ALA:H	1:131:A:LEU:HD23	18	0.19
(6,2002)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	8	0.19
(6,2002)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	8	0.19
(6,2002)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	8	0.19
(6,2002)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	8	0.19
(6,2002)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	8	0.19
(6,2002)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	8	0.19
(6,2002)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	8	0.19
(6,2002)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	8	0.19
(6,2002)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	8	0.19
(6,2002)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	8	0.19
(6,2002)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	8	0.19
(6,2002)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	8	0.19
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	17	0.19
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	17	0.19
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	17	0.19
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG21	17	0.19
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG22	17	0.19
(6,1967)	1:11:A:ILE:HG13	1:14:A:VAL:HG23	17	0.19
(6,1953)	1:10:A:ASN:HD21	1:13:A:ALA:HB1	16	0.19
(6,1953)	1:10:A:ASN:HD21	1:13:A:ALA:HB2	16	0.19
(6,1953)	1:10:A:ASN:HD21	1:13:A:ALA:HB3	16	0.19
(6,1953)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	16	0.19
(6,1953)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	16	0.19
(6,1953)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	16	0.19
(6,1854)	1:9:A:PHE:HD1	1:11:A:ILE:H	12	0.19
(6,1854)	1:9:A:PHE:HD2	1:11:A:ILE:H	12	0.19
(6,1847)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	16	0.19
(6,1847)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	16	0.19
(6,1847)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	16	0.19
(6,1735)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	16	0.19
(6,1735)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	16	0.19
(6,1735)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	16	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1671)	1:107:A:LEU:H	1:111:A:GLU:HB2	3	0.19
(6,1671)	1:107:A:LEU:H	1:111:A:GLU:HB3	3	0.19
(6,1627)	1:79:A:THR:H	1:80:A:TYR:HA	11	0.19
(6,1598)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	6	0.19
(6,1598)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	6	0.19
(6,1598)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	6	0.19
(6,1589)	1:98:A:ILE:HG21	1:101:A:ILE:HD11	3	0.19
(6,1589)	1:98:A:ILE:HG21	1:101:A:ILE:HD12	3	0.19
(6,1589)	1:98:A:ILE:HG21	1:101:A:ILE:HD13	3	0.19
(6,1589)	1:98:A:ILE:HG22	1:101:A:ILE:HD11	3	0.19
(6,1589)	1:98:A:ILE:HG22	1:101:A:ILE:HD12	3	0.19
(6,1589)	1:98:A:ILE:HG22	1:101:A:ILE:HD13	3	0.19
(6,1589)	1:98:A:ILE:HG23	1:101:A:ILE:HD11	3	0.19
(6,1589)	1:98:A:ILE:HG23	1:101:A:ILE:HD12	3	0.19
(6,1589)	1:98:A:ILE:HG23	1:101:A:ILE:HD13	3	0.19
(6,1534)	1:110:A:MET:H	1:110:A:MET:HE1	6	0.19
(6,1534)	1:110:A:MET:H	1:110:A:MET:HE2	6	0.19
(6,1534)	1:110:A:MET:H	1:110:A:MET:HE3	6	0.19
(6,1528)	1:66:A:THR:HG21	1:69:A:MET:HE1	7	0.19
(6,1528)	1:66:A:THR:HG21	1:69:A:MET:HE2	7	0.19
(6,1528)	1:66:A:THR:HG21	1:69:A:MET:HE3	7	0.19
(6,1528)	1:66:A:THR:HG22	1:69:A:MET:HE1	7	0.19
(6,1528)	1:66:A:THR:HG22	1:69:A:MET:HE2	7	0.19
(6,1528)	1:66:A:THR:HG22	1:69:A:MET:HE3	7	0.19
(6,1528)	1:66:A:THR:HG23	1:69:A:MET:HE1	7	0.19
(6,1528)	1:66:A:THR:HG23	1:69:A:MET:HE2	7	0.19
(6,1528)	1:66:A:THR:HG23	1:69:A:MET:HE3	7	0.19
(6,1513)	1:69:A:MET:HE1	1:115:A:ALA:H	4	0.19
(6,1513)	1:69:A:MET:HE2	1:115:A:ALA:H	4	0.19
(6,1513)	1:69:A:MET:HE3	1:115:A:ALA:H	4	0.19
(6,1465)	1:67:A:PRO:HD3	1:95:A:ILE:HA	1	0.19
(6,1428)	1:50:A:ALA:HB1	1:127:A:CYS:HA	16	0.19
(6,1428)	1:50:A:ALA:HB2	1:127:A:CYS:HA	16	0.19
(6,1428)	1:50:A:ALA:HB3	1:127:A:CYS:HA	16	0.19
(6,1423)	1:121:A:VAL:HG21	1:122:A:ASP:H	2	0.19
(6,1423)	1:121:A:VAL:HG22	1:122:A:ASP:H	2	0.19
(6,1423)	1:121:A:VAL:HG23	1:122:A:ASP:H	2	0.19
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	8	0.19
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	8	0.19
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	8	0.19
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	8	0.19
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	8	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	8	0.19
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	12	0.19
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	12	0.19
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	12	0.19
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	12	0.19
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	12	0.19
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	12	0.19
(6,1387)	1:19:A:ALA:HB1	1:21:A:THR:HG21	13	0.19
(6,1387)	1:19:A:ALA:HB1	1:21:A:THR:HG22	13	0.19
(6,1387)	1:19:A:ALA:HB1	1:21:A:THR:HG23	13	0.19
(6,1387)	1:19:A:ALA:HB2	1:21:A:THR:HG21	13	0.19
(6,1387)	1:19:A:ALA:HB2	1:21:A:THR:HG22	13	0.19
(6,1387)	1:19:A:ALA:HB2	1:21:A:THR:HG23	13	0.19
(6,1387)	1:19:A:ALA:HB3	1:21:A:THR:HG21	13	0.19
(6,1387)	1:19:A:ALA:HB3	1:21:A:THR:HG22	13	0.19
(6,1387)	1:19:A:ALA:HB3	1:21:A:THR:HG23	13	0.19
(6,1360)	1:21:A:THR:H	1:21:A:THR:HG21	10	0.19
(6,1360)	1:21:A:THR:H	1:21:A:THR:HG22	10	0.19
(6,1360)	1:21:A:THR:H	1:21:A:THR:HG23	10	0.19
(6,1356)	1:120:A:CYS:HA	1:121:A:VAL:HG11	12	0.19
(6,1356)	1:120:A:CYS:HA	1:121:A:VAL:HG12	12	0.19
(6,1356)	1:120:A:CYS:HA	1:121:A:VAL:HG13	12	0.19
(6,1322)	1:53:A:THR:H	1:53:A:THR:HG21	19	0.19
(6,1322)	1:53:A:THR:H	1:53:A:THR:HG22	19	0.19
(6,1322)	1:53:A:THR:H	1:53:A:THR:HG23	19	0.19
(6,1289)	1:14:A:VAL:HG11	1:61:A:SER:HA	10	0.19
(6,1289)	1:14:A:VAL:HG12	1:61:A:SER:HA	10	0.19
(6,1289)	1:14:A:VAL:HG13	1:61:A:SER:HA	10	0.19
(6,1279)	1:66:A:THR:HG21	1:96:A:VAL:H	14	0.19
(6,1279)	1:66:A:THR:HG22	1:96:A:VAL:H	14	0.19
(6,1279)	1:66:A:THR:HG23	1:96:A:VAL:H	14	0.19
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG21	4	0.19
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG22	4	0.19
(6,1275)	1:11:A:ILE:HG13	1:14:A:VAL:HG23	4	0.19
(6,1266)	1:45:A:ALA:HA	1:48:A:ARG:HB2	15	0.19
(6,1266)	1:45:A:ALA:HA	1:48:A:ARG:HB3	15	0.19
(6,1260)	1:114:A:ILE:HA	1:117:A:VAL:HG11	14	0.19
(6,1260)	1:114:A:ILE:HA	1:117:A:VAL:HG12	14	0.19
(6,1260)	1:114:A:ILE:HA	1:117:A:VAL:HG13	14	0.19
(6,1260)	1:114:A:ILE:HA	1:117:A:VAL:HG11	19	0.19
(6,1260)	1:114:A:ILE:HA	1:117:A:VAL:HG12	19	0.19
(6,1260)	1:114:A:ILE:HA	1:117:A:VAL:HG13	19	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1199)	1:41:A:LYS:H	1:41:A:LYS:HG3	5	0.19
(6,1012)	1:41:A:LYS:HA	1:44:A:GLU:HB2	16	0.19
(6,1012)	1:41:A:LYS:HA	1:44:A:GLU:HB3	16	0.19
(6,1003)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	14	0.19
(6,1003)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	14	0.19
(6,1003)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	14	0.19
(6,1003)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	14	0.19
(6,919)	1:81:A:GLU:HA	1:81:A:GLU:HG2	1	0.19
(6,919)	1:81:A:GLU:HA	1:81:A:GLU:HG3	1	0.19
(6,919)	1:81:A:GLU:HA	1:81:A:GLU:HG2	5	0.19
(6,919)	1:81:A:GLU:HA	1:81:A:GLU:HG3	5	0.19
(6,919)	1:81:A:GLU:HA	1:81:A:GLU:HG2	7	0.19
(6,919)	1:81:A:GLU:HA	1:81:A:GLU:HG3	7	0.19
(6,919)	1:81:A:GLU:HA	1:81:A:GLU:HG2	10	0.19
(6,919)	1:81:A:GLU:HA	1:81:A:GLU:HG3	10	0.19
(6,919)	1:81:A:GLU:HA	1:81:A:GLU:HG2	11	0.19
(6,919)	1:81:A:GLU:HA	1:81:A:GLU:HG3	11	0.19
(6,902)	1:19:A:ALA:HA	1:20:A:THR:HB	11	0.19
(6,804)	1:98:A:ILE:HD11	1:100:A:ALA:H	3	0.19
(6,804)	1:98:A:ILE:HD12	1:100:A:ALA:H	3	0.19
(6,804)	1:98:A:ILE:HD13	1:100:A:ALA:H	3	0.19
(6,792)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	9	0.19
(6,792)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	9	0.19
(6,792)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	9	0.19
(6,790)	1:11:A:ILE:HD11	1:47:A:ALA:HB1	13	0.19
(6,790)	1:11:A:ILE:HD11	1:47:A:ALA:HB2	13	0.19
(6,790)	1:11:A:ILE:HD11	1:47:A:ALA:HB3	13	0.19
(6,790)	1:11:A:ILE:HD12	1:47:A:ALA:HB1	13	0.19
(6,790)	1:11:A:ILE:HD12	1:47:A:ALA:HB2	13	0.19
(6,790)	1:11:A:ILE:HD12	1:47:A:ALA:HB3	13	0.19
(6,790)	1:11:A:ILE:HD13	1:47:A:ALA:HB1	13	0.19
(6,790)	1:11:A:ILE:HD13	1:47:A:ALA:HB2	13	0.19
(6,790)	1:11:A:ILE:HD13	1:47:A:ALA:HB3	13	0.19
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD11	1	0.19
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD12	1	0.19
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD13	1	0.19
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD11	6	0.19
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD12	6	0.19
(6,789)	1:11:A:ILE:HB	1:11:A:ILE:HD13	6	0.19
(6,749)	1:141:A:LYS:H	1:143:A:TRP:HB2	6	0.19
(6,692)	1:98:A:ILE:H	1:104:A:PHE:H	14	0.19
(6,662)	1:63:A:ILE:HD11	1:116:A:GLN:H	1	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,662)	1:63:A:ILE:HD12	1:116:A:GLN:H	1	0.19
(6,662)	1:63:A:ILE:HD13	1:116:A:GLN:H	1	0.19
(6,655)	1:103:A:ARG:HG2	1:106:A:ASP:H	14	0.19
(6,655)	1:103:A:ARG:HG3	1:106:A:ASP:H	14	0.19
(6,648)	1:101:A:ILE:H	1:104:A:PHE:HB3	7	0.19
(6,615)	1:118:A:ASP:HB3	1:120:A:CYS:H	6	0.19
(6,574)	1:127:A:CYS:HB2	1:130:A:GLY:H	7	0.19
(6,574)	1:127:A:CYS:HB2	1:130:A:GLY:H	10	0.19
(6,574)	1:127:A:CYS:HB2	1:130:A:GLY:H	13	0.19
(6,483)	1:98:A:ILE:H	1:105:A:LYS:H	8	0.19
(6,482)	1:79:A:THR:H	1:79:A:THR:HG21	4	0.19
(6,482)	1:79:A:THR:H	1:79:A:THR:HG22	4	0.19
(6,482)	1:79:A:THR:H	1:79:A:THR:HG23	4	0.19
(6,436)	1:73:A:ILE:HB	1:76:A:ARG:H	5	0.19
(6,329)	1:120:A:CYS:HA	1:122:A:ASP:H	11	0.19
(6,178)	1:93:A:GLU:H	1:93:A:GLU:HG2	6	0.19
(6,178)	1:93:A:GLU:H	1:93:A:GLU:HG3	6	0.19
(6,123)	1:80:A:TYR:H	1:80:A:TYR:HB3	6	0.19
(6,123)	1:80:A:TYR:H	1:80:A:TYR:HB2	6	0.19
(6,93)	1:96:A:VAL:HB	1:97:A:ASP:H	17	0.19
(6,50)	1:98:A:ILE:H	1:101:A:ILE:HG21	5	0.19
(6,50)	1:98:A:ILE:H	1:101:A:ILE:HG22	5	0.19
(6,50)	1:98:A:ILE:H	1:101:A:ILE:HG23	5	0.19
(6,31)	1:95:A:ILE:HB	1:96:A:VAL:H	12	0.19
(6,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	2	0.19
(6,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	2	0.19
(5,2374)	1:121:A:VAL:H	1:122:A:ASP:HB2	15	0.19
(5,2374)	1:121:A:VAL:H	1:122:A:ASP:HB3	15	0.19
(5,2240)	1:69:A:MET:H	1:70:A:LYS:HG2	5	0.19
(5,2240)	1:69:A:MET:H	1:70:A:LYS:HG3	5	0.19
(5,2222)	1:65:A:CYS:HB2	1:66:A:THR:HG21	5	0.19
(5,2222)	1:65:A:CYS:HB2	1:66:A:THR:HG22	5	0.19
(5,2222)	1:65:A:CYS:HB2	1:66:A:THR:HG23	5	0.19
(5,2222)	1:65:A:CYS:HB3	1:66:A:THR:HG21	5	0.19
(5,2222)	1:65:A:CYS:HB3	1:66:A:THR:HG22	5	0.19
(5,2222)	1:65:A:CYS:HB3	1:66:A:THR:HG23	5	0.19
(5,2179)	1:55:A:GLY:H	1:122:A:ASP:HB2	1	0.19
(5,2179)	1:55:A:GLY:H	1:122:A:ASP:HB3	1	0.19
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD11	3	0.19
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD12	3	0.19
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD13	3	0.19
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD21	3	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD22	3	0.19
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD23	3	0.19
(5,2066)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	16	0.19
(5,2066)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	16	0.19
(5,2066)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	16	0.19
(5,2066)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	16	0.19
(5,2066)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	16	0.19
(5,2066)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	16	0.19
(5,2057)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	13	0.19
(5,2057)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	13	0.19
(5,2057)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	13	0.19
(5,2057)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	13	0.19
(5,2057)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	13	0.19
(5,2057)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	13	0.19
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD11	6	0.19
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD12	6	0.19
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD13	6	0.19
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD21	6	0.19
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD22	6	0.19
(5,2032)	1:25:A:ALA:H	1:30:A:LEU:HD23	6	0.19
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	14	0.19
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	14	0.19
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	14	0.19
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	14	0.19
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	14	0.19
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	14	0.19
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	14	0.19
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	14	0.19
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	14	0.19
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	14	0.19
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	14	0.19
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	14	0.19
(5,1968)	1:11:A:ILE:HG21	1:43:A:MET:HG2	4	0.19
(5,1968)	1:11:A:ILE:HG21	1:43:A:MET:HG3	4	0.19
(5,1968)	1:11:A:ILE:HG22	1:43:A:MET:HG2	4	0.19
(5,1968)	1:11:A:ILE:HG22	1:43:A:MET:HG3	4	0.19
(5,1968)	1:11:A:ILE:HG23	1:43:A:MET:HG2	4	0.19
(5,1968)	1:11:A:ILE:HG23	1:43:A:MET:HG3	4	0.19
(5,1882)	1:9:A:PHE:HZ	1:11:A:ILE:HA	6	0.19
(5,1882)	1:9:A:PHE:HZ	1:11:A:ILE:HA	9	0.19
(5,1878)	1:9:A:PHE:HD1	1:11:A:ILE:H	12	0.19
(5,1878)	1:9:A:PHE:HD2	1:11:A:ILE:H	12	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1873)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	2	0.19
(5,1873)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	2	0.19
(5,1873)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	2	0.19
(5,1873)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	2	0.19
(5,1766)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	4	0.19
(5,1766)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	4	0.19
(5,1766)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	4	0.19
(5,1766)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	4	0.19
(5,1758)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	16	0.19
(5,1758)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	16	0.19
(5,1758)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	16	0.19
(5,1642)	1:79:A:THR:H	1:80:A:TYR:HA	11	0.19
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD11	18	0.19
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD12	18	0.19
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD13	18	0.19
(5,1602)	1:98:A:ILE:HG21	1:101:A:ILE:HD11	3	0.19
(5,1602)	1:98:A:ILE:HG21	1:101:A:ILE:HD12	3	0.19
(5,1602)	1:98:A:ILE:HG21	1:101:A:ILE:HD13	3	0.19
(5,1602)	1:98:A:ILE:HG22	1:101:A:ILE:HD11	3	0.19
(5,1602)	1:98:A:ILE:HG22	1:101:A:ILE:HD12	3	0.19
(5,1602)	1:98:A:ILE:HG22	1:101:A:ILE:HD13	3	0.19
(5,1602)	1:98:A:ILE:HG23	1:101:A:ILE:HD11	3	0.19
(5,1602)	1:98:A:ILE:HG23	1:101:A:ILE:HD12	3	0.19
(5,1602)	1:98:A:ILE:HG23	1:101:A:ILE:HD13	3	0.19
(5,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	3	0.19
(5,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	3	0.19
(5,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	3	0.19
(5,1547)	1:66:A:THR:HG21	1:69:A:MET:HE1	7	0.19
(5,1547)	1:66:A:THR:HG21	1:69:A:MET:HE2	7	0.19
(5,1547)	1:66:A:THR:HG21	1:69:A:MET:HE3	7	0.19
(5,1547)	1:66:A:THR:HG22	1:69:A:MET:HE1	7	0.19
(5,1547)	1:66:A:THR:HG22	1:69:A:MET:HE2	7	0.19
(5,1547)	1:66:A:THR:HG22	1:69:A:MET:HE3	7	0.19
(5,1547)	1:66:A:THR:HG23	1:69:A:MET:HE1	7	0.19
(5,1547)	1:66:A:THR:HG23	1:69:A:MET:HE2	7	0.19
(5,1547)	1:66:A:THR:HG23	1:69:A:MET:HE3	7	0.19
(5,1515)	1:114:A:ILE:HG21	1:117:A:VAL:HB	3	0.19
(5,1515)	1:114:A:ILE:HG22	1:117:A:VAL:HB	3	0.19
(5,1515)	1:114:A:ILE:HG23	1:117:A:VAL:HB	3	0.19
(5,1459)	1:31:A:PRO:HD3	1:144:A:LEU:HA	14	0.19
(5,1446)	1:121:A:VAL:HG21	1:122:A:ASP:H	2	0.19
(5,1446)	1:121:A:VAL:HG22	1:122:A:ASP:H	2	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1446)	1:121:A:VAL:HG23	1:122:A:ASP:H	2	0.19
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	8	0.19
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	8	0.19
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	8	0.19
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	8	0.19
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	8	0.19
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	8	0.19
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	12	0.19
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	12	0.19
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	12	0.19
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	12	0.19
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	12	0.19
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	12	0.19
(5,1391)	1:46:A:ASN:HB3	1:134:A:VAL:HG21	14	0.19
(5,1391)	1:46:A:ASN:HB3	1:134:A:VAL:HG22	14	0.19
(5,1391)	1:46:A:ASN:HB3	1:134:A:VAL:HG23	14	0.19
(5,1377)	1:120:A:CYS:HA	1:121:A:VAL:HG11	12	0.19
(5,1377)	1:120:A:CYS:HA	1:121:A:VAL:HG12	12	0.19
(5,1377)	1:120:A:CYS:HA	1:121:A:VAL:HG13	12	0.19
(5,1366)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	2	0.19
(5,1366)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	2	0.19
(5,1366)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	2	0.19
(5,1366)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	2	0.19
(5,1366)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	2	0.19
(5,1366)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	2	0.19
(5,1342)	1:123:A:CYS:HB2	1:128:A:LEU:HD11	8	0.19
(5,1342)	1:123:A:CYS:HB2	1:128:A:LEU:HD12	8	0.19
(5,1342)	1:123:A:CYS:HB2	1:128:A:LEU:HD13	8	0.19
(5,1311)	1:66:A:THR:HG21	1:96:A:VAL:H	14	0.19
(5,1311)	1:66:A:THR:HG22	1:96:A:VAL:H	14	0.19
(5,1311)	1:66:A:THR:HG23	1:96:A:VAL:H	14	0.19
(5,1291)	1:45:A:ALA:HA	1:48:A:ARG:HB2	15	0.19
(5,1291)	1:45:A:ALA:HA	1:48:A:ARG:HB3	15	0.19
(5,1281)	1:114:A:ILE:HA	1:117:A:VAL:HG11	14	0.19
(5,1281)	1:114:A:ILE:HA	1:117:A:VAL:HG12	14	0.19
(5,1281)	1:114:A:ILE:HA	1:117:A:VAL:HG13	14	0.19
(5,1281)	1:114:A:ILE:HA	1:117:A:VAL:HG11	19	0.19
(5,1281)	1:114:A:ILE:HA	1:117:A:VAL:HG12	19	0.19
(5,1281)	1:114:A:ILE:HA	1:117:A:VAL:HG13	19	0.19
(5,1059)	1:72:A:PHE:HA	1:109:A:PRO:HB2	15	0.19
(5,1059)	1:72:A:PHE:HA	1:109:A:PRO:HB3	15	0.19
(5,1047)	1:11:A:ILE:HA	1:11:A:ILE:HG12	14	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1037)	1:41:A:LYS:HA	1:44:A:GLU:HB2	16	0.19
(5,1037)	1:41:A:LYS:HA	1:44:A:GLU:HB3	16	0.19
(5,1021)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	7	0.19
(5,1021)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	7	0.19
(5,973)	1:67:A:PRO:HA	1:70:A:LYS:HB2	9	0.19
(5,973)	1:67:A:PRO:HA	1:70:A:LYS:HB3	9	0.19
(5,966)	1:138:A:ASP:HA	1:141:A:LYS:HB2	7	0.19
(5,966)	1:138:A:ASP:HA	1:141:A:LYS:HB3	7	0.19
(5,945)	1:14:A:VAL:HA	1:18:A:PHE:HD1	12	0.19
(5,945)	1:14:A:VAL:HA	1:18:A:PHE:HD2	12	0.19
(5,913)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	19	0.19
(5,908)	1:19:A:ALA:HA	1:20:A:THR:HB	11	0.19
(5,867)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	7	0.19
(5,867)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	7	0.19
(5,809)	1:98:A:ILE:HD11	1:100:A:ALA:H	3	0.19
(5,809)	1:98:A:ILE:HD12	1:100:A:ALA:H	3	0.19
(5,809)	1:98:A:ILE:HD13	1:100:A:ALA:H	3	0.19
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD11	14	0.19
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD12	14	0.19
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD13	14	0.19
(5,798)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	9	0.19
(5,798)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	9	0.19
(5,798)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	9	0.19
(5,769)	1:101:A:ILE:HD11	1:119:A:LEU:HA	19	0.19
(5,769)	1:101:A:ILE:HD12	1:119:A:LEU:HA	19	0.19
(5,769)	1:101:A:ILE:HD13	1:119:A:LEU:HA	19	0.19
(5,698)	1:98:A:ILE:H	1:104:A:PHE:H	14	0.19
(5,661)	1:103:A:ARG:HG2	1:106:A:ASP:H	14	0.19
(5,661)	1:103:A:ARG:HG3	1:106:A:ASP:H	14	0.19
(5,554)	1:116:A:GLN:H	1:116:A:GLN:HE22	5	0.19
(5,441)	1:142:A:LYS:H	1:143:A:TRP:HB2	7	0.19
(5,432)	1:73:A:ILE:HB	1:76:A:ARG:H	5	0.19
(5,326)	1:120:A:CYS:HA	1:122:A:ASP:H	11	0.19
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD11	15	0.19
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD12	15	0.19
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD13	15	0.19
(5,277)	1:73:A:ILE:HD11	1:112:A:GLN:H	14	0.19
(5,277)	1:73:A:ILE:HD12	1:112:A:GLN:H	14	0.19
(5,277)	1:73:A:ILE:HD13	1:112:A:GLN:H	14	0.19
(5,273)	1:113:A:PHE:H	1:116:A:GLN:HG3	7	0.19
(5,237)	1:23:A:LEU:HB2	1:24:A:ASP:H	9	0.19
(5,237)	1:23:A:LEU:HB3	1:24:A:ASP:H	9	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,217)	1:9:A:PHE:HE1	1:10:A:ASN:H	13	0.19
(5,217)	1:9:A:PHE:HE2	1:10:A:ASN:H	13	0.19
(5,173)	1:93:A:GLU:H	1:93:A:GLU:HB2	4	0.19
(5,173)	1:93:A:GLU:H	1:93:A:GLU:HB3	4	0.19
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD11	11	0.19
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD12	11	0.19
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD13	11	0.19
(5,120)	1:80:A:TYR:H	1:80:A:TYR:HB3	6	0.19
(5,120)	1:80:A:TYR:H	1:80:A:TYR:HB2	6	0.19
(5,49)	1:98:A:ILE:H	1:101:A:ILE:HG21	5	0.19
(5,49)	1:98:A:ILE:H	1:101:A:ILE:HG22	5	0.19
(5,49)	1:98:A:ILE:H	1:101:A:ILE:HG23	5	0.19
(5,34)	1:95:A:ILE:HB	1:96:A:VAL:H	12	0.19
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD11	18	0.19
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD12	18	0.19
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD13	18	0.19
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD21	18	0.19
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD22	18	0.19
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD23	18	0.19
(4,2332)	1:107:A:LEU:HD11	1:112:A:GLN:HA	12	0.19
(4,2332)	1:107:A:LEU:HD12	1:112:A:GLN:HA	12	0.19
(4,2332)	1:107:A:LEU:HD13	1:112:A:GLN:HA	12	0.19
(4,2332)	1:107:A:LEU:HD21	1:112:A:GLN:HA	12	0.19
(4,2332)	1:107:A:LEU:HD22	1:112:A:GLN:HA	12	0.19
(4,2332)	1:107:A:LEU:HD23	1:112:A:GLN:HA	12	0.19
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	12	0.19
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	12	0.19
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	12	0.19
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	12	0.19
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	12	0.19
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	12	0.19
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	12	0.19
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	12	0.19
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	12	0.19
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	12	0.19
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	12	0.19
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	12	0.19
(4,2194)	1:59:A:CYS:HA	1:60:A:LEU:HD11	5	0.19
(4,2194)	1:59:A:CYS:HA	1:60:A:LEU:HD12	5	0.19
(4,2194)	1:59:A:CYS:HA	1:60:A:LEU:HD13	5	0.19
(4,2194)	1:59:A:CYS:HA	1:60:A:LEU:HD21	5	0.19
(4,2194)	1:59:A:CYS:HA	1:60:A:LEU:HD22	5	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2194)	1:59:A:CYS:HA	1:60:A:LEU:HD23	5	0.19
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD11	6	0.19
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD12	6	0.19
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD13	6	0.19
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD21	6	0.19
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD22	6	0.19
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD23	6	0.19
(4,2123)	1:40:A:LEU:HD11	1:43:A:MET:H	12	0.19
(4,2123)	1:40:A:LEU:HD12	1:43:A:MET:H	12	0.19
(4,2123)	1:40:A:LEU:HD13	1:43:A:MET:H	12	0.19
(4,2123)	1:40:A:LEU:HD21	1:43:A:MET:H	12	0.19
(4,2123)	1:40:A:LEU:HD22	1:43:A:MET:H	12	0.19
(4,2123)	1:40:A:LEU:HD23	1:43:A:MET:H	12	0.19
(4,2103)	1:39:A:VAL:HG11	1:44:A:GLU:H	13	0.19
(4,2103)	1:39:A:VAL:HG12	1:44:A:GLU:H	13	0.19
(4,2103)	1:39:A:VAL:HG13	1:44:A:GLU:H	13	0.19
(4,2103)	1:39:A:VAL:HG21	1:44:A:GLU:H	13	0.19
(4,2103)	1:39:A:VAL:HG22	1:44:A:GLU:H	13	0.19
(4,2103)	1:39:A:VAL:HG23	1:44:A:GLU:H	13	0.19
(4,2071)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	13	0.19
(4,2071)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	13	0.19
(4,2071)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	13	0.19
(4,2071)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	13	0.19
(4,2071)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	13	0.19
(4,2071)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	13	0.19
(4,2063)	1:35:A:LEU:H	1:35:A:LEU:HD11	6	0.19
(4,2063)	1:35:A:LEU:H	1:35:A:LEU:HD12	6	0.19
(4,2063)	1:35:A:LEU:H	1:35:A:LEU:HD13	6	0.19
(4,2063)	1:35:A:LEU:H	1:35:A:LEU:HD21	6	0.19
(4,2063)	1:35:A:LEU:H	1:35:A:LEU:HD22	6	0.19
(4,2063)	1:35:A:LEU:H	1:35:A:LEU:HD23	6	0.19
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD11	8	0.19
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD12	8	0.19
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD13	8	0.19
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD21	8	0.19
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD22	8	0.19
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD23	8	0.19
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD11	11	0.19
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD12	11	0.19
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD13	11	0.19
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD21	11	0.19
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD22	11	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2025)	1:20:A:THR:HA	1:23:A:LEU:HD23	11	0.19
(4,2019)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	8	0.19
(4,2019)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	8	0.19
(4,2019)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	8	0.19
(4,2019)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	8	0.19
(4,2019)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	8	0.19
(4,2019)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	8	0.19
(4,2019)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	8	0.19
(4,2019)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	8	0.19
(4,2019)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	8	0.19
(4,2019)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	8	0.19
(4,2019)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	8	0.19
(4,2019)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	8	0.19
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	11	0.19
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	11	0.19
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	11	0.19
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	11	0.19
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	11	0.19
(4,1982)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	11	0.19
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	11	0.19
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	11	0.19
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	11	0.19
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	11	0.19
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	11	0.19
(4,1982)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	11	0.19
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	11	0.19
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	11	0.19
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	11	0.19
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	11	0.19
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	11	0.19
(4,1982)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	11	0.19
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	11	0.19
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	11	0.19
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	11	0.19
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	11	0.19
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	11	0.19
(4,1982)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	11	0.19
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	11	0.19
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	11	0.19
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	11	0.19
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	11	0.19
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	11	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1982)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	11	0.19
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	11	0.19
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	11	0.19
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	11	0.19
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	11	0.19
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	11	0.19
(4,1982)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	11	0.19
(4,1924)	1:10:A:ASN:HD21	1:13:A:ALA:HB1	16	0.19
(4,1924)	1:10:A:ASN:HD21	1:13:A:ALA:HB2	16	0.19
(4,1924)	1:10:A:ASN:HD21	1:13:A:ALA:HB3	16	0.19
(4,1924)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	16	0.19
(4,1924)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	16	0.19
(4,1924)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	16	0.19
(4,1877)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	15	0.19
(4,1877)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	15	0.19
(4,1877)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	15	0.19
(4,1877)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	15	0.19
(4,1871)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	12	0.19
(4,1871)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	12	0.19
(4,1860)	1:104:A:PHE:HE1	1:115:A:ALA:H	16	0.19
(4,1860)	1:104:A:PHE:HE2	1:115:A:ALA:H	16	0.19
(4,1849)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	13	0.19
(4,1849)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	13	0.19
(4,1849)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	13	0.19
(4,1849)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	13	0.19
(4,1849)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	13	0.19
(4,1849)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	13	0.19
(4,1828)	1:9:A:PHE:HD1	1:11:A:ILE:H	12	0.19
(4,1828)	1:9:A:PHE:HD2	1:11:A:ILE:H	12	0.19
(4,1821)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	16	0.19
(4,1821)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	16	0.19
(4,1821)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	16	0.19
(4,1798)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	14	0.19
(4,1798)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	14	0.19
(4,1738)	1:145:A:PRO:HB2	1:146:A:GLN:HA	4	0.19
(4,1713)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	16	0.19
(4,1713)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	16	0.19
(4,1713)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	16	0.19
(4,1706)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	12	0.19
(4,1706)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	12	0.19
(4,1706)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	12	0.19
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG21	19	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG22	19	0.19
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG23	19	0.19
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG21	19	0.19
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG22	19	0.19
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG23	19	0.19
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG21	19	0.19
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG22	19	0.19
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG23	19	0.19
(4,1664)	1:69:A:MET:HG3	1:109:A:PRO:HA	7	0.19
(4,1663)	1:69:A:MET:HA	1:109:A:PRO:HA	10	0.19
(4,1647)	1:107:A:LEU:H	1:111:A:GLU:HB2	3	0.19
(4,1647)	1:107:A:LEU:H	1:111:A:GLU:HB3	3	0.19
(4,1605)	1:79:A:THR:H	1:80:A:TYR:HA	11	0.19
(4,1570)	1:98:A:ILE:HG21	1:101:A:ILE:HD11	3	0.19
(4,1570)	1:98:A:ILE:HG21	1:101:A:ILE:HD12	3	0.19
(4,1570)	1:98:A:ILE:HG21	1:101:A:ILE:HD13	3	0.19
(4,1570)	1:98:A:ILE:HG22	1:101:A:ILE:HD11	3	0.19
(4,1570)	1:98:A:ILE:HG22	1:101:A:ILE:HD12	3	0.19
(4,1570)	1:98:A:ILE:HG22	1:101:A:ILE:HD13	3	0.19
(4,1570)	1:98:A:ILE:HG23	1:101:A:ILE:HD11	3	0.19
(4,1570)	1:98:A:ILE:HG23	1:101:A:ILE:HD12	3	0.19
(4,1570)	1:98:A:ILE:HG23	1:101:A:ILE:HD13	3	0.19
(4,1562)	1:101:A:ILE:HD11	1:112:A:GLN:HA	18	0.19
(4,1562)	1:101:A:ILE:HD12	1:112:A:GLN:HA	18	0.19
(4,1562)	1:101:A:ILE:HD13	1:112:A:GLN:HA	18	0.19
(4,1549)	1:11:A:ILE:HD11	1:14:A:VAL:H	15	0.19
(4,1549)	1:11:A:ILE:HD12	1:14:A:VAL:H	15	0.19
(4,1549)	1:11:A:ILE:HD13	1:14:A:VAL:H	15	0.19
(4,1519)	1:110:A:MET:H	1:110:A:MET:HE1	6	0.19
(4,1519)	1:110:A:MET:H	1:110:A:MET:HE2	6	0.19
(4,1519)	1:110:A:MET:H	1:110:A:MET:HE3	6	0.19
(4,1499)	1:69:A:MET:HE1	1:115:A:ALA:H	4	0.19
(4,1499)	1:69:A:MET:HE2	1:115:A:ALA:H	4	0.19
(4,1499)	1:69:A:MET:HE3	1:115:A:ALA:H	4	0.19
(4,1423)	1:31:A:PRO:HD3	1:144:A:LEU:HA	1	0.19
(4,1423)	1:31:A:PRO:HD3	1:144:A:LEU:HA	13	0.19
(4,1423)	1:31:A:PRO:HD3	1:144:A:LEU:HA	15	0.19
(4,1408)	1:121:A:VAL:HG21	1:122:A:ASP:H	2	0.19
(4,1408)	1:121:A:VAL:HG22	1:122:A:ASP:H	2	0.19
(4,1408)	1:121:A:VAL:HG23	1:122:A:ASP:H	2	0.19
(4,1387)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	2	0.19
(4,1387)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	2	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1387)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	2	0.19
(4,1345)	1:21:A:THR:H	1:21:A:THR:HG21	10	0.19
(4,1345)	1:21:A:THR:H	1:21:A:THR:HG22	10	0.19
(4,1345)	1:21:A:THR:H	1:21:A:THR:HG23	10	0.19
(4,1310)	1:53:A:THR:H	1:53:A:THR:HG21	19	0.19
(4,1310)	1:53:A:THR:H	1:53:A:THR:HG22	19	0.19
(4,1310)	1:53:A:THR:H	1:53:A:THR:HG23	19	0.19
(4,1271)	1:128:A:LEU:H	1:128:A:LEU:HD21	4	0.19
(4,1271)	1:128:A:LEU:H	1:128:A:LEU:HD22	4	0.19
(4,1271)	1:128:A:LEU:H	1:128:A:LEU:HD23	4	0.19
(4,1247)	1:114:A:ILE:HA	1:117:A:VAL:HG11	14	0.19
(4,1247)	1:114:A:ILE:HA	1:117:A:VAL:HG12	14	0.19
(4,1247)	1:114:A:ILE:HA	1:117:A:VAL:HG13	14	0.19
(4,1247)	1:114:A:ILE:HA	1:117:A:VAL:HG11	19	0.19
(4,1247)	1:114:A:ILE:HA	1:117:A:VAL:HG12	19	0.19
(4,1247)	1:114:A:ILE:HA	1:117:A:VAL:HG13	19	0.19
(4,1219)	1:38:A:GLU:HB2	1:139:A:LEU:HD21	13	0.19
(4,1219)	1:38:A:GLU:HB2	1:139:A:LEU:HD22	13	0.19
(4,1219)	1:38:A:GLU:HB2	1:139:A:LEU:HD23	13	0.19
(4,1197)	1:110:A:MET:HA	1:113:A:PHE:HB2	7	0.19
(4,1149)	1:30:A:LEU:H	1:30:A:LEU:HD21	16	0.19
(4,1149)	1:30:A:LEU:H	1:30:A:LEU:HD22	16	0.19
(4,1149)	1:30:A:LEU:H	1:30:A:LEU:HD23	16	0.19
(4,1051)	1:38:A:GLU:HA	1:42:A:GLU:H	7	0.19
(4,962)	1:67:A:PRO:HA	1:70:A:LYS:HB2	9	0.19
(4,962)	1:67:A:PRO:HA	1:70:A:LYS:HB3	9	0.19
(4,956)	1:138:A:ASP:HA	1:141:A:LYS:HB2	7	0.19
(4,956)	1:138:A:ASP:HA	1:141:A:LYS:HB3	7	0.19
(4,917)	1:125:A:THR:HB	1:128:A:LEU:HD11	11	0.19
(4,917)	1:125:A:THR:HB	1:128:A:LEU:HD12	11	0.19
(4,917)	1:125:A:THR:HB	1:128:A:LEU:HD13	11	0.19
(4,902)	1:19:A:ALA:HA	1:20:A:THR:HB	11	0.19
(4,838)	1:48:A:ARG:HA	1:48:A:ARG:HD2	7	0.19
(4,838)	1:48:A:ARG:HA	1:48:A:ARG:HD3	7	0.19
(4,690)	1:98:A:ILE:H	1:104:A:PHE:H	14	0.19
(4,661)	1:63:A:ILE:HG12	1:117:A:VAL:H	8	0.19
(4,652)	1:103:A:ARG:HG2	1:106:A:ASP:H	14	0.19
(4,652)	1:103:A:ARG:HG3	1:106:A:ASP:H	14	0.19
(4,441)	1:142:A:LYS:H	1:143:A:TRP:HB2	7	0.19
(4,401)	1:125:A:THR:H	1:128:A:LEU:HG	19	0.19
(4,387)	1:105:A:LYS:HG3	1:106:A:ASP:H	3	0.19
(4,352)	1:70:A:LYS:H	1:70:A:LYS:HE2	19	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,352)	1:70:A:LYS:H	1:70:A:LYS:HE3	19	0.19
(4,337)	1:123:A:CYS:H	1:128:A:LEU:HD11	13	0.19
(4,337)	1:123:A:CYS:H	1:128:A:LEU:HD12	13	0.19
(4,337)	1:123:A:CYS:H	1:128:A:LEU:HD13	13	0.19
(4,337)	1:123:A:CYS:H	1:128:A:LEU:HD21	13	0.19
(4,337)	1:123:A:CYS:H	1:128:A:LEU:HD22	13	0.19
(4,337)	1:123:A:CYS:H	1:128:A:LEU:HD23	13	0.19
(4,321)	1:120:A:CYS:HA	1:122:A:ASP:H	11	0.19
(4,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	15	0.19
(4,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	15	0.19
(4,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	17	0.19
(4,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	17	0.19
(4,304)	1:64:A:LYS:HD2	1:65:A:CYS:H	6	0.19
(4,304)	1:64:A:LYS:HD3	1:65:A:CYS:H	6	0.19
(4,177)	1:93:A:GLU:H	1:93:A:GLU:HB2	4	0.19
(4,177)	1:93:A:GLU:H	1:93:A:GLU:HB3	4	0.19
(4,56)	1:98:A:ILE:H	1:101:A:ILE:HG13	15	0.19
(4,55)	1:98:A:ILE:H	1:101:A:ILE:HG21	5	0.19
(4,55)	1:98:A:ILE:H	1:101:A:ILE:HG22	5	0.19
(4,55)	1:98:A:ILE:H	1:101:A:ILE:HG23	5	0.19
(3,2454)	1:132:A:ALA:HA	1:133:A:ASN:HB2	1	0.19
(3,2454)	1:132:A:ALA:HA	1:133:A:ASN:HB3	1	0.19
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD11	18	0.19
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD12	18	0.19
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD13	18	0.19
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD11	18	0.19
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD12	18	0.19
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD13	18	0.19
(3,2264)	1:69:A:MET:HG2	1:70:A:LYS:HG2	4	0.19
(3,2264)	1:69:A:MET:HG2	1:70:A:LYS:HG3	4	0.19
(3,2264)	1:69:A:MET:HG3	1:70:A:LYS:HG2	4	0.19
(3,2264)	1:69:A:MET:HG3	1:70:A:LYS:HG3	4	0.19
(3,2233)	1:60:A:LEU:HD11	1:123:A:CYS:H	6	0.19
(3,2233)	1:60:A:LEU:HD12	1:123:A:CYS:H	6	0.19
(3,2233)	1:60:A:LEU:HD13	1:123:A:CYS:H	6	0.19
(3,2233)	1:60:A:LEU:HD21	1:123:A:CYS:H	6	0.19
(3,2233)	1:60:A:LEU:HD22	1:123:A:CYS:H	6	0.19
(3,2233)	1:60:A:LEU:HD23	1:123:A:CYS:H	6	0.19
(3,2230)	1:60:A:LEU:HD11	1:120:A:CYS:HA	5	0.19
(3,2230)	1:60:A:LEU:HD12	1:120:A:CYS:HA	5	0.19
(3,2230)	1:60:A:LEU:HD13	1:120:A:CYS:HA	5	0.19
(3,2230)	1:60:A:LEU:HD21	1:120:A:CYS:HA	5	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2230)	1:60:A:LEU:HD22	1:120:A:CYS:HA	5	0.19
(3,2230)	1:60:A:LEU:HD23	1:120:A:CYS:HA	5	0.19
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD11	17	0.19
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD12	17	0.19
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD13	17	0.19
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD21	17	0.19
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD22	17	0.19
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD23	17	0.19
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG11	11	0.19
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG12	11	0.19
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG13	11	0.19
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG21	11	0.19
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG22	11	0.19
(3,2162)	1:43:A:MET:HA	1:134:A:VAL:HG23	11	0.19
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG11	3	0.19
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG12	3	0.19
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG13	3	0.19
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG21	3	0.19
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG22	3	0.19
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG23	3	0.19
(3,2108)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	16	0.19
(3,2108)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	16	0.19
(3,2108)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	16	0.19
(3,2108)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	16	0.19
(3,2108)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	16	0.19
(3,2108)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	16	0.19
(3,2070)	1:27:A:ARG:H	1:30:A:LEU:HD11	10	0.19
(3,2070)	1:27:A:ARG:H	1:30:A:LEU:HD12	10	0.19
(3,2070)	1:27:A:ARG:H	1:30:A:LEU:HD13	10	0.19
(3,2070)	1:27:A:ARG:H	1:30:A:LEU:HD21	10	0.19
(3,2070)	1:27:A:ARG:H	1:30:A:LEU:HD22	10	0.19
(3,2070)	1:27:A:ARG:H	1:30:A:LEU:HD23	10	0.19
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG2	19	0.19
(3,1986)	1:11:A:ILE:HD11	1:43:A:MET:HG3	19	0.19
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG2	19	0.19
(3,1986)	1:11:A:ILE:HD12	1:43:A:MET:HG3	19	0.19
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG2	19	0.19
(3,1986)	1:11:A:ILE:HD13	1:43:A:MET:HG3	19	0.19
(3,1923)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	12	0.19
(3,1923)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	12	0.19
(3,1883)	1:9:A:PHE:HZ	1:11:A:ILE:HA	6	0.19
(3,1883)	1:9:A:PHE:HZ	1:11:A:ILE:HA	9	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1879)	1:9:A:PHE:HD1	1:11:A:ILE:H	12	0.19
(3,1879)	1:9:A:PHE:HD2	1:11:A:ILE:H	12	0.19
(3,1871)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	16	0.19
(3,1871)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	16	0.19
(3,1871)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	16	0.19
(3,1766)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	16	0.19
(3,1766)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	16	0.19
(3,1766)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	16	0.19
(3,1761)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	12	0.19
(3,1761)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	12	0.19
(3,1761)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	12	0.19
(3,1686)	1:69:A:MET:HE1	1:112:A:GLN:H	11	0.19
(3,1686)	1:69:A:MET:HE2	1:112:A:GLN:H	11	0.19
(3,1686)	1:69:A:MET:HE3	1:112:A:GLN:H	11	0.19
(3,1685)	1:134:A:VAL:HG21	1:137:A:SER:H	17	0.19
(3,1685)	1:134:A:VAL:HG22	1:137:A:SER:H	17	0.19
(3,1685)	1:134:A:VAL:HG23	1:137:A:SER:H	17	0.19
(3,1660)	1:79:A:THR:H	1:80:A:TYR:HA	11	0.19
(3,1621)	1:98:A:ILE:HG21	1:101:A:ILE:HD11	3	0.19
(3,1621)	1:98:A:ILE:HG21	1:101:A:ILE:HD12	3	0.19
(3,1621)	1:98:A:ILE:HG21	1:101:A:ILE:HD13	3	0.19
(3,1621)	1:98:A:ILE:HG22	1:101:A:ILE:HD11	3	0.19
(3,1621)	1:98:A:ILE:HG22	1:101:A:ILE:HD12	3	0.19
(3,1621)	1:98:A:ILE:HG22	1:101:A:ILE:HD13	3	0.19
(3,1621)	1:98:A:ILE:HG23	1:101:A:ILE:HD11	3	0.19
(3,1621)	1:98:A:ILE:HG23	1:101:A:ILE:HD12	3	0.19
(3,1621)	1:98:A:ILE:HG23	1:101:A:ILE:HD13	3	0.19
(3,1600)	1:11:A:ILE:HD11	1:14:A:VAL:H	15	0.19
(3,1600)	1:11:A:ILE:HD12	1:14:A:VAL:H	15	0.19
(3,1600)	1:11:A:ILE:HD13	1:14:A:VAL:H	15	0.19
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	14	0.19
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	14	0.19
(3,1581)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	14	0.19
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	14	0.19
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	14	0.19
(3,1581)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	14	0.19
(3,1542)	1:69:A:MET:HE1	1:115:A:ALA:H	4	0.19
(3,1542)	1:69:A:MET:HE2	1:115:A:ALA:H	4	0.19
(3,1542)	1:69:A:MET:HE3	1:115:A:ALA:H	4	0.19
(3,1470)	1:50:A:ALA:HB1	1:126:A:GLY:HA3	19	0.19
(3,1470)	1:50:A:ALA:HB2	1:126:A:GLY:HA3	19	0.19
(3,1470)	1:50:A:ALA:HB3	1:126:A:GLY:HA3	19	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1465)	1:31:A:PRO:HD3	1:143:A:TRP:HA	14	0.19
(3,1463)	1:31:A:PRO:HD3	1:144:A:LEU:HA	14	0.19
(3,1448)	1:121:A:VAL:HG21	1:122:A:ASP:H	2	0.19
(3,1448)	1:121:A:VAL:HG22	1:122:A:ASP:H	2	0.19
(3,1448)	1:121:A:VAL:HG23	1:122:A:ASP:H	2	0.19
(3,1382)	1:120:A:CYS:H	1:121:A:VAL:HG11	6	0.19
(3,1382)	1:120:A:CYS:H	1:121:A:VAL:HG12	6	0.19
(3,1382)	1:120:A:CYS:H	1:121:A:VAL:HG13	6	0.19
(3,1382)	1:120:A:CYS:H	1:121:A:VAL:HG11	10	0.19
(3,1382)	1:120:A:CYS:H	1:121:A:VAL:HG12	10	0.19
(3,1382)	1:120:A:CYS:H	1:121:A:VAL:HG13	10	0.19
(3,1315)	1:66:A:THR:HG21	1:96:A:VAL:H	14	0.19
(3,1315)	1:66:A:THR:HG22	1:96:A:VAL:H	14	0.19
(3,1315)	1:66:A:THR:HG23	1:96:A:VAL:H	14	0.19
(3,1283)	1:40:A:LEU:HB2	1:40:A:LEU:HD21	15	0.19
(3,1283)	1:40:A:LEU:HB2	1:40:A:LEU:HD22	15	0.19
(3,1283)	1:40:A:LEU:HB2	1:40:A:LEU:HD23	15	0.19
(3,1283)	1:40:A:LEU:HB2	1:40:A:LEU:HD21	17	0.19
(3,1283)	1:40:A:LEU:HB2	1:40:A:LEU:HD22	17	0.19
(3,1283)	1:40:A:LEU:HB2	1:40:A:LEU:HD23	17	0.19
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD21	9	0.19
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD22	9	0.19
(3,1272)	1:12:A:VAL:HA	1:40:A:LEU:HD23	9	0.19
(3,1208)	1:23:A:LEU:HD21	1:24:A:ASP:H	6	0.19
(3,1208)	1:23:A:LEU:HD22	1:24:A:ASP:H	6	0.19
(3,1208)	1:23:A:LEU:HD23	1:24:A:ASP:H	6	0.19
(3,1091)	1:11:A:ILE:HB	1:44:A:GLU:HA	10	0.19
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD11	5	0.19
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD12	5	0.19
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD13	5	0.19
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD11	12	0.19
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD12	12	0.19
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD13	12	0.19
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD11	19	0.19
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD12	19	0.19
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD13	19	0.19
(3,1056)	1:11:A:ILE:HA	1:11:A:ILE:HG12	14	0.19
(3,1047)	1:41:A:LYS:HA	1:44:A:GLU:HB2	16	0.19
(3,1047)	1:41:A:LYS:HA	1:44:A:GLU:HB3	16	0.19
(3,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	14	0.19
(3,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	14	0.19
(3,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	14	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	14	0.19
(3,1033)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	7	0.19
(3,1033)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	7	0.19
(3,1010)	1:35:A:LEU:HG	1:143:A:TRP:HB3	7	0.19
(3,969)	1:40:A:LEU:HA	1:43:A:MET:HG2	3	0.19
(3,942)	1:81:A:GLU:H	1:81:A:GLU:HG2	6	0.19
(3,942)	1:81:A:GLU:H	1:81:A:GLU:HG3	6	0.19
(3,931)	1:44:A:GLU:H	1:44:A:GLU:HG3	9	0.19
(3,931)	1:44:A:GLU:H	1:44:A:GLU:HG2	9	0.19
(3,929)	1:19:A:ALA:HA	1:20:A:THR:HB	11	0.19
(3,851)	1:45:A:ALA:HA	1:48:A:ARG:HD2	14	0.19
(3,851)	1:45:A:ALA:HA	1:48:A:ARG:HD3	14	0.19
(3,822)	1:98:A:ILE:HD11	1:100:A:ALA:H	3	0.19
(3,822)	1:98:A:ILE:HD12	1:100:A:ALA:H	3	0.19
(3,822)	1:98:A:ILE:HD13	1:100:A:ALA:H	3	0.19
(3,813)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	9	0.19
(3,813)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	9	0.19
(3,813)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	9	0.19
(3,715)	1:23:A:LEU:HD21	1:27:A:ARG:HE	1	0.19
(3,715)	1:23:A:LEU:HD22	1:27:A:ARG:HE	1	0.19
(3,715)	1:23:A:LEU:HD23	1:27:A:ARG:HE	1	0.19
(3,715)	1:23:A:LEU:HD21	1:27:A:ARG:HE	2	0.19
(3,715)	1:23:A:LEU:HD22	1:27:A:ARG:HE	2	0.19
(3,715)	1:23:A:LEU:HD23	1:27:A:ARG:HE	2	0.19
(3,704)	1:98:A:ILE:H	1:104:A:PHE:H	14	0.19
(3,670)	1:103:A:ARG:HG2	1:106:A:ASP:H	14	0.19
(3,670)	1:103:A:ARG:HG3	1:106:A:ASP:H	14	0.19
(3,663)	1:101:A:ILE:H	1:104:A:PHE:HB3	7	0.19
(3,660)	1:66:A:THR:H	1:116:A:GLN:HE22	11	0.19
(3,625)	1:118:A:ASP:HB3	1:120:A:CYS:H	6	0.19
(3,478)	1:103:A:ARG:H	1:103:A:ARG:HG2	12	0.19
(3,478)	1:103:A:ARG:H	1:103:A:ARG:HG3	12	0.19
(3,443)	1:73:A:ILE:HB	1:76:A:ARG:H	5	0.19
(3,413)	1:125:A:THR:H	1:128:A:LEU:HG	19	0.19
(3,399)	1:105:A:LYS:HG3	1:106:A:ASP:H	3	0.19
(3,350)	1:73:A:ILE:HD11	1:111:A:GLU:H	9	0.19
(3,350)	1:73:A:ILE:HD12	1:111:A:GLU:H	9	0.19
(3,350)	1:73:A:ILE:HD13	1:111:A:GLU:H	9	0.19
(3,334)	1:120:A:CYS:HA	1:122:A:ASP:H	11	0.19
(3,188)	1:58:A:ILE:HG21	1:60:A:LEU:H	19	0.19
(3,188)	1:58:A:ILE:HG22	1:60:A:LEU:H	19	0.19
(3,188)	1:58:A:ILE:HG23	1:60:A:LEU:H	19	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,181)	1:93:A:GLU:H	1:93:A:GLU:HB2	4	0.19
(3,181)	1:93:A:GLU:H	1:93:A:GLU:HB3	4	0.19
(3,175)	1:8:A:ASP:H	1:58:A:ILE:HG13	10	0.19
(3,118)	1:79:A:THR:H	1:80:A:TYR:H	5	0.19
(3,111)	1:21:A:THR:HB	1:22:A:ASP:H	3	0.19
(3,111)	1:21:A:THR:HB	1:22:A:ASP:H	12	0.19
(3,111)	1:21:A:THR:HB	1:22:A:ASP:H	17	0.19
(3,111)	1:21:A:THR:HB	1:22:A:ASP:H	19	0.19
(3,54)	1:98:A:ILE:H	1:101:A:ILE:HG21	5	0.19
(3,54)	1:98:A:ILE:H	1:101:A:ILE:HG22	5	0.19
(3,54)	1:98:A:ILE:H	1:101:A:ILE:HG23	5	0.19
(2,2463)	1:140:A:LEU:HD11	1:144:A:LEU:H	6	0.19
(2,2463)	1:140:A:LEU:HD12	1:144:A:LEU:H	6	0.19
(2,2463)	1:140:A:LEU:HD13	1:144:A:LEU:H	6	0.19
(2,2463)	1:140:A:LEU:HD21	1:144:A:LEU:H	6	0.19
(2,2463)	1:140:A:LEU:HD22	1:144:A:LEU:H	6	0.19
(2,2463)	1:140:A:LEU:HD23	1:144:A:LEU:H	6	0.19
(2,2422)	1:132:A:ALA:HA	1:133:A:ASN:HB2	1	0.19
(2,2422)	1:132:A:ALA:HA	1:133:A:ASN:HB3	1	0.19
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	12	0.19
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	12	0.19
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	12	0.19
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	12	0.19
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	12	0.19
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	12	0.19
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	12	0.19
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	12	0.19
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	12	0.19
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	12	0.19
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	12	0.19
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	12	0.19
(2,2308)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	16	0.19
(2,2308)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	16	0.19
(2,2308)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	16	0.19
(2,2308)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	16	0.19
(2,2308)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	16	0.19
(2,2308)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	16	0.19
(2,2308)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	16	0.19
(2,2308)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	16	0.19
(2,2308)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	16	0.19
(2,2308)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	16	0.19
(2,2308)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	16	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2308)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	16	0.19
(2,2308)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	16	0.19
(2,2308)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	16	0.19
(2,2308)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	16	0.19
(2,2308)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	16	0.19
(2,2308)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	16	0.19
(2,2308)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	16	0.19
(2,2267)	1:69:A:MET:H	1:70:A:LYS:HG2	5	0.19
(2,2267)	1:69:A:MET:H	1:70:A:LYS:HG3	5	0.19
(2,2228)	1:60:A:LEU:HD11	1:61:A:SER:HB2	8	0.19
(2,2228)	1:60:A:LEU:HD11	1:61:A:SER:HB3	8	0.19
(2,2228)	1:60:A:LEU:HD12	1:61:A:SER:HB2	8	0.19
(2,2228)	1:60:A:LEU:HD12	1:61:A:SER:HB3	8	0.19
(2,2228)	1:60:A:LEU:HD13	1:61:A:SER:HB2	8	0.19
(2,2228)	1:60:A:LEU:HD13	1:61:A:SER:HB3	8	0.19
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG11	3	0.19
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG12	3	0.19
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG13	3	0.19
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG21	3	0.19
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG22	3	0.19
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG23	3	0.19
(2,2090)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	13	0.19
(2,2090)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	13	0.19
(2,2090)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	13	0.19
(2,2090)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	13	0.19
(2,2090)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	13	0.19
(2,2090)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	13	0.19
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD11	2	0.19
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD12	2	0.19
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD13	2	0.19
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD21	2	0.19
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD22	2	0.19
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD23	2	0.19
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD11	2	0.19
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD12	2	0.19
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD13	2	0.19
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD21	2	0.19
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD22	2	0.19
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD23	2	0.19
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD11	17	0.19
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD12	17	0.19
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD13	17	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD21	17	0.19
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD22	17	0.19
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD23	17	0.19
(2,1976)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	14	0.19
(2,1976)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	14	0.19
(2,1976)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	14	0.19
(2,1976)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	14	0.19
(2,1976)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	14	0.19
(2,1976)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	14	0.19
(2,1976)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	17	0.19
(2,1976)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	17	0.19
(2,1976)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	17	0.19
(2,1976)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	17	0.19
(2,1976)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	17	0.19
(2,1976)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	17	0.19
(2,1950)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	8	0.19
(2,1950)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	8	0.19
(2,1950)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	8	0.19
(2,1948)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	16	0.19
(2,1948)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	16	0.19
(2,1922)	1:18:A:PHE:HE1	1:57:A:LEU:HG	8	0.19
(2,1922)	1:18:A:PHE:HE2	1:57:A:LEU:HG	8	0.19
(2,1785)	1:66:A:THR:HG21	1:97:A:ASP:HA	13	0.19
(2,1785)	1:66:A:THR:HG22	1:97:A:ASP:HA	13	0.19
(2,1785)	1:66:A:THR:HG23	1:97:A:ASP:HA	13	0.19
(2,1783)	1:39:A:VAL:HG21	1:144:A:LEU:H	17	0.19
(2,1783)	1:39:A:VAL:HG22	1:144:A:LEU:H	17	0.19
(2,1783)	1:39:A:VAL:HG23	1:144:A:LEU:H	17	0.19
(2,1752)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	16	0.19
(2,1752)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	16	0.19
(2,1752)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	16	0.19
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE1	16	0.19
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE2	16	0.19
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE3	16	0.19
(2,1671)	1:69:A:MET:HE1	1:112:A:GLN:H	11	0.19
(2,1671)	1:69:A:MET:HE2	1:112:A:GLN:H	11	0.19
(2,1671)	1:69:A:MET:HE3	1:112:A:GLN:H	11	0.19
(2,1646)	1:79:A:THR:H	1:80:A:TYR:HA	11	0.19
(2,1604)	1:98:A:ILE:HG21	1:101:A:ILE:HD11	3	0.19
(2,1604)	1:98:A:ILE:HG21	1:101:A:ILE:HD12	3	0.19
(2,1604)	1:98:A:ILE:HG21	1:101:A:ILE:HD13	3	0.19
(2,1604)	1:98:A:ILE:HG22	1:101:A:ILE:HD11	3	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1604)	1:98:A:ILE:HG22	1:101:A:ILE:HD12	3	0.19
(2,1604)	1:98:A:ILE:HG22	1:101:A:ILE:HD13	3	0.19
(2,1604)	1:98:A:ILE:HG23	1:101:A:ILE:HD11	3	0.19
(2,1604)	1:98:A:ILE:HG23	1:101:A:ILE:HD12	3	0.19
(2,1604)	1:98:A:ILE:HG23	1:101:A:ILE:HD13	3	0.19
(2,1520)	1:69:A:MET:HE1	1:116:A:GLN:HE21	6	0.19
(2,1520)	1:69:A:MET:HE2	1:116:A:GLN:HE21	6	0.19
(2,1520)	1:69:A:MET:HE3	1:116:A:GLN:HE21	6	0.19
(2,1519)	1:69:A:MET:HE1	1:115:A:ALA:H	4	0.19
(2,1519)	1:69:A:MET:HE2	1:115:A:ALA:H	4	0.19
(2,1519)	1:69:A:MET:HE3	1:115:A:ALA:H	4	0.19
(2,1515)	1:11:A:ILE:HG21	1:43:A:MET:HE1	4	0.19
(2,1515)	1:11:A:ILE:HG21	1:43:A:MET:HE2	4	0.19
(2,1515)	1:11:A:ILE:HG21	1:43:A:MET:HE3	4	0.19
(2,1515)	1:11:A:ILE:HG22	1:43:A:MET:HE1	4	0.19
(2,1515)	1:11:A:ILE:HG22	1:43:A:MET:HE2	4	0.19
(2,1515)	1:11:A:ILE:HG22	1:43:A:MET:HE3	4	0.19
(2,1515)	1:11:A:ILE:HG23	1:43:A:MET:HE1	4	0.19
(2,1515)	1:11:A:ILE:HG23	1:43:A:MET:HE2	4	0.19
(2,1515)	1:11:A:ILE:HG23	1:43:A:MET:HE3	4	0.19
(2,1475)	1:45:A:ALA:HB1	1:47:A:ALA:H	11	0.19
(2,1475)	1:45:A:ALA:HB2	1:47:A:ALA:H	11	0.19
(2,1475)	1:45:A:ALA:HB3	1:47:A:ALA:H	11	0.19
(2,1395)	1:19:A:ALA:HB1	1:21:A:THR:HG21	13	0.19
(2,1395)	1:19:A:ALA:HB1	1:21:A:THR:HG22	13	0.19
(2,1395)	1:19:A:ALA:HB1	1:21:A:THR:HG23	13	0.19
(2,1395)	1:19:A:ALA:HB2	1:21:A:THR:HG21	13	0.19
(2,1395)	1:19:A:ALA:HB2	1:21:A:THR:HG22	13	0.19
(2,1395)	1:19:A:ALA:HB2	1:21:A:THR:HG23	13	0.19
(2,1395)	1:19:A:ALA:HB3	1:21:A:THR:HG21	13	0.19
(2,1395)	1:19:A:ALA:HB3	1:21:A:THR:HG22	13	0.19
(2,1395)	1:19:A:ALA:HB3	1:21:A:THR:HG23	13	0.19
(2,1370)	1:21:A:THR:H	1:21:A:THR:HG21	10	0.19
(2,1370)	1:21:A:THR:H	1:21:A:THR:HG22	10	0.19
(2,1370)	1:21:A:THR:H	1:21:A:THR:HG23	10	0.19
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG11	3	0.19
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG12	3	0.19
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG13	3	0.19
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG11	5	0.19
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG12	5	0.19
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG13	5	0.19
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG11	8	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG12	8	0.19
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG13	8	0.19
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG11	10	0.19
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG12	10	0.19
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG13	10	0.19
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG11	12	0.19
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG12	12	0.19
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG13	12	0.19
(2,1360)	1:120:A:CYS:H	1:121:A:VAL:HG11	6	0.19
(2,1360)	1:120:A:CYS:H	1:121:A:VAL:HG12	6	0.19
(2,1360)	1:120:A:CYS:H	1:121:A:VAL:HG13	6	0.19
(2,1360)	1:120:A:CYS:H	1:121:A:VAL:HG11	10	0.19
(2,1360)	1:120:A:CYS:H	1:121:A:VAL:HG12	10	0.19
(2,1360)	1:120:A:CYS:H	1:121:A:VAL:HG13	10	0.19
(2,1290)	1:128:A:LEU:H	1:128:A:LEU:HD21	4	0.19
(2,1290)	1:128:A:LEU:H	1:128:A:LEU:HD22	4	0.19
(2,1290)	1:128:A:LEU:H	1:128:A:LEU:HD23	4	0.19
(2,1236)	1:38:A:GLU:HB2	1:139:A:LEU:HD21	13	0.19
(2,1236)	1:38:A:GLU:HB2	1:139:A:LEU:HD22	13	0.19
(2,1236)	1:38:A:GLU:HB2	1:139:A:LEU:HD23	13	0.19
(2,1033)	1:11:A:ILE:HA	1:11:A:ILE:HG12	14	0.19
(2,1005)	1:66:A:THR:HG21	1:96:A:VAL:HA	2	0.19
(2,1005)	1:66:A:THR:HG22	1:96:A:VAL:HA	2	0.19
(2,1005)	1:66:A:THR:HG23	1:96:A:VAL:HA	2	0.19
(2,968)	1:47:A:ALA:HB1	1:134:A:VAL:HB	14	0.19
(2,968)	1:47:A:ALA:HB2	1:134:A:VAL:HB	14	0.19
(2,968)	1:47:A:ALA:HB3	1:134:A:VAL:HB	14	0.19
(2,964)	1:67:A:PRO:HA	1:70:A:LYS:HB2	9	0.19
(2,964)	1:67:A:PRO:HA	1:70:A:LYS:HB3	9	0.19
(2,951)	1:15:A:ALA:HB1	1:43:A:MET:HB2	3	0.19
(2,951)	1:15:A:ALA:HB2	1:43:A:MET:HB2	3	0.19
(2,951)	1:15:A:ALA:HB3	1:43:A:MET:HB2	3	0.19
(2,951)	1:15:A:ALA:HB1	1:43:A:MET:HB2	15	0.19
(2,951)	1:15:A:ALA:HB2	1:43:A:MET:HB2	15	0.19
(2,951)	1:15:A:ALA:HB3	1:43:A:MET:HB2	15	0.19
(2,940)	1:40:A:LEU:HA	1:43:A:MET:HG2	3	0.19
(2,927)	1:69:A:MET:HG2	1:109:A:PRO:HA	8	0.19
(2,927)	1:69:A:MET:HG2	1:109:A:PRO:HA	16	0.19
(2,920)	1:79:A:THR:HG21	1:81:A:GLU:HG2	4	0.19
(2,920)	1:79:A:THR:HG21	1:81:A:GLU:HG3	4	0.19
(2,920)	1:79:A:THR:HG22	1:81:A:GLU:HG2	4	0.19
(2,920)	1:79:A:THR:HG22	1:81:A:GLU:HG3	4	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,920)	1:79:A:THR:HG23	1:81:A:GLU:HG2	4	0.19
(2,920)	1:79:A:THR:HG23	1:81:A:GLU:HG3	4	0.19
(2,913)	1:125:A:THR:HB	1:128:A:LEU:HD11	11	0.19
(2,913)	1:125:A:THR:HB	1:128:A:LEU:HD12	11	0.19
(2,913)	1:125:A:THR:HB	1:128:A:LEU:HD13	11	0.19
(2,907)	1:19:A:ALA:HA	1:20:A:THR:HB	11	0.19
(2,805)	1:98:A:ILE:HD11	1:100:A:ALA:H	3	0.19
(2,805)	1:98:A:ILE:HD12	1:100:A:ALA:H	3	0.19
(2,805)	1:98:A:ILE:HD13	1:100:A:ALA:H	3	0.19
(2,798)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	6	0.19
(2,798)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	6	0.19
(2,798)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	6	0.19
(2,798)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	6	0.19
(2,798)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	6	0.19
(2,798)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	6	0.19
(2,794)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	19	0.19
(2,794)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	19	0.19
(2,794)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	19	0.19
(2,794)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	19	0.19
(2,794)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	19	0.19
(2,794)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	19	0.19
(2,769)	1:101:A:ILE:HD11	1:118:A:ASP:H	19	0.19
(2,769)	1:101:A:ILE:HD12	1:118:A:ASP:H	19	0.19
(2,769)	1:101:A:ILE:HD13	1:118:A:ASP:H	19	0.19
(2,719)	1:73:A:ILE:HG21	1:76:A:ARG:HE	18	0.19
(2,719)	1:73:A:ILE:HG22	1:76:A:ARG:HE	18	0.19
(2,719)	1:73:A:ILE:HG23	1:76:A:ARG:HE	18	0.19
(2,695)	1:98:A:ILE:H	1:104:A:PHE:H	14	0.19
(2,660)	1:103:A:ARG:HG2	1:106:A:ASP:H	14	0.19
(2,660)	1:103:A:ARG:HG3	1:106:A:ASP:H	14	0.19
(2,619)	1:118:A:ASP:HB3	1:120:A:CYS:H	6	0.19
(2,438)	1:73:A:ILE:HB	1:76:A:ARG:H	5	0.19
(2,412)	1:125:A:THR:H	1:125:A:THR:HB	15	0.19
(2,393)	1:105:A:LYS:HG3	1:106:A:ASP:H	3	0.19
(2,328)	1:120:A:CYS:HA	1:122:A:ASP:H	11	0.19
(2,236)	1:47:A:ALA:HB1	1:50:A:ALA:H	13	0.19
(2,236)	1:47:A:ALA:HB2	1:50:A:ALA:H	13	0.19
(2,236)	1:47:A:ALA:HB3	1:50:A:ALA:H	13	0.19
(2,181)	1:93:A:GLU:H	1:93:A:GLU:HB2	4	0.19
(2,181)	1:93:A:GLU:H	1:93:A:GLU:HB3	4	0.19
(2,180)	1:93:A:GLU:H	1:93:A:GLU:HG2	6	0.19
(2,180)	1:93:A:GLU:H	1:93:A:GLU:HG3	6	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,174)	1:8:A:ASP:H	1:58:A:ILE:HG13	10	0.19
(2,155)	1:127:A:CYS:H	1:128:A:LEU:HG	1	0.19
(2,123)	1:80:A:TYR:H	1:80:A:TYR:HB3	6	0.19
(2,123)	1:80:A:TYR:H	1:80:A:TYR:HB2	6	0.19
(2,122)	1:48:A:ARG:HD2	1:49:A:LYS:H	11	0.19
(2,122)	1:48:A:ARG:HD3	1:49:A:LYS:H	11	0.19
(2,49)	1:98:A:ILE:H	1:101:A:ILE:HG21	5	0.19
(2,49)	1:98:A:ILE:H	1:101:A:ILE:HG22	5	0.19
(2,49)	1:98:A:ILE:H	1:101:A:ILE:HG23	5	0.19
(2,45)	1:44:A:GLU:HB2	1:47:A:ALA:H	9	0.19
(2,45)	1:44:A:GLU:HB3	1:47:A:ALA:H	9	0.19
(2,33)	1:95:A:ILE:HB	1:96:A:VAL:H	12	0.19
(1,2304)	1:107:A:LEU:HD11	1:108:A:GLU:H	15	0.19
(1,2304)	1:107:A:LEU:HD12	1:108:A:GLU:H	15	0.19
(1,2304)	1:107:A:LEU:HD13	1:108:A:GLU:H	15	0.19
(1,2304)	1:107:A:LEU:HD21	1:108:A:GLU:H	15	0.19
(1,2304)	1:107:A:LEU:HD22	1:108:A:GLU:H	15	0.19
(1,2304)	1:107:A:LEU:HD23	1:108:A:GLU:H	15	0.19
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD11	15	0.19
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD12	15	0.19
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD13	15	0.19
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD21	15	0.19
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD22	15	0.19
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD23	15	0.19
(1,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	11	0.19
(1,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	11	0.19
(1,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	11	0.19
(1,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	11	0.19
(1,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	11	0.19
(1,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	11	0.19
(1,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	11	0.19
(1,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	11	0.19
(1,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	11	0.19
(1,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	11	0.19
(1,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	11	0.19
(1,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	11	0.19
(1,2123)	1:40:A:LEU:HD11	1:43:A:MET:HB3	10	0.19
(1,2123)	1:40:A:LEU:HD12	1:43:A:MET:HB3	10	0.19
(1,2123)	1:40:A:LEU:HD13	1:43:A:MET:HB3	10	0.19
(1,2123)	1:40:A:LEU:HD21	1:43:A:MET:HB3	10	0.19
(1,2123)	1:40:A:LEU:HD22	1:43:A:MET:HB3	10	0.19
(1,2123)	1:40:A:LEU:HD23	1:43:A:MET:HB3	10	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2122)	1:40:A:LEU:HD11	1:43:A:MET:H	12	0.19
(1,2122)	1:40:A:LEU:HD12	1:43:A:MET:H	12	0.19
(1,2122)	1:40:A:LEU:HD13	1:43:A:MET:H	12	0.19
(1,2122)	1:40:A:LEU:HD21	1:43:A:MET:H	12	0.19
(1,2122)	1:40:A:LEU:HD22	1:43:A:MET:H	12	0.19
(1,2122)	1:40:A:LEU:HD23	1:43:A:MET:H	12	0.19
(1,2112)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	9	0.19
(1,2112)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	9	0.19
(1,2112)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	9	0.19
(1,2112)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	9	0.19
(1,2112)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	9	0.19
(1,2112)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	9	0.19
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD11	3	0.19
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD12	3	0.19
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD13	3	0.19
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD21	3	0.19
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD22	3	0.19
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD23	3	0.19
(1,2055)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	15	0.19
(1,2055)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	15	0.19
(1,2055)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	15	0.19
(1,2055)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	15	0.19
(1,2055)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	15	0.19
(1,2055)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	15	0.19
(1,2055)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	15	0.19
(1,2055)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	15	0.19
(1,2055)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	15	0.19
(1,2055)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	15	0.19
(1,2055)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	15	0.19
(1,2055)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	15	0.19
(1,2034)	1:27:A:ARG:H	1:30:A:LEU:HD11	10	0.19
(1,2034)	1:27:A:ARG:H	1:30:A:LEU:HD12	10	0.19
(1,2034)	1:27:A:ARG:H	1:30:A:LEU:HD13	10	0.19
(1,2034)	1:27:A:ARG:H	1:30:A:LEU:HD21	10	0.19
(1,2034)	1:27:A:ARG:H	1:30:A:LEU:HD22	10	0.19
(1,2034)	1:27:A:ARG:H	1:30:A:LEU:HD23	10	0.19
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG11	17	0.19
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG12	17	0.19
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG13	17	0.19
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG21	17	0.19
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG22	17	0.19
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG23	17	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG11	17	0.19
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG12	17	0.19
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG13	17	0.19
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG21	17	0.19
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG22	17	0.19
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG23	17	0.19
(1,1915)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	15	0.19
(1,1915)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	15	0.19
(1,1915)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	15	0.19
(1,1915)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	15	0.19
(1,1915)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	15	0.19
(1,1915)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	15	0.19
(1,1911)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	12	0.19
(1,1911)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	12	0.19
(1,1866)	1:9:A:PHE:HD1	1:11:A:ILE:H	12	0.19
(1,1866)	1:9:A:PHE:HD2	1:11:A:ILE:H	12	0.19
(1,1778)	1:66:A:THR:HG21	1:97:A:ASP:HA	13	0.19
(1,1778)	1:66:A:THR:HG22	1:97:A:ASP:HA	13	0.19
(1,1778)	1:66:A:THR:HG23	1:97:A:ASP:HA	13	0.19
(1,1763)	1:36:A:PRO:HA	1:37:A:LEU:HD21	14	0.19
(1,1763)	1:36:A:PRO:HA	1:37:A:LEU:HD22	14	0.19
(1,1763)	1:36:A:PRO:HA	1:37:A:LEU:HD23	14	0.19
(1,1755)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	4	0.19
(1,1755)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	4	0.19
(1,1755)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	4	0.19
(1,1755)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	4	0.19
(1,1745)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	16	0.19
(1,1745)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	16	0.19
(1,1745)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	16	0.19
(1,1681)	1:107:A:LEU:H	1:111:A:GLU:HB2	3	0.19
(1,1681)	1:107:A:LEU:H	1:111:A:GLU:HB3	3	0.19
(1,1666)	1:69:A:MET:HE1	1:112:A:GLN:H	11	0.19
(1,1666)	1:69:A:MET:HE2	1:112:A:GLN:H	11	0.19
(1,1666)	1:69:A:MET:HE3	1:112:A:GLN:H	11	0.19
(1,1640)	1:79:A:THR:H	1:80:A:TYR:HA	18	0.19
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	2	0.19
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	2	0.19
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	2	0.19
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	2	0.19
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	2	0.19
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	2	0.19
(1,1603)	1:98:A:ILE:HG21	1:104:A:PHE:HE1	12	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1603)	1:98:A:ILE:HG21	1:104:A:PHE:HE2	12	0.19
(1,1603)	1:98:A:ILE:HG22	1:104:A:PHE:HE1	12	0.19
(1,1603)	1:98:A:ILE:HG22	1:104:A:PHE:HE2	12	0.19
(1,1603)	1:98:A:ILE:HG23	1:104:A:PHE:HE1	12	0.19
(1,1603)	1:98:A:ILE:HG23	1:104:A:PHE:HE2	12	0.19
(1,1602)	1:98:A:ILE:HG21	1:101:A:ILE:HD11	3	0.19
(1,1602)	1:98:A:ILE:HG21	1:101:A:ILE:HD12	3	0.19
(1,1602)	1:98:A:ILE:HG21	1:101:A:ILE:HD13	3	0.19
(1,1602)	1:98:A:ILE:HG22	1:101:A:ILE:HD11	3	0.19
(1,1602)	1:98:A:ILE:HG22	1:101:A:ILE:HD12	3	0.19
(1,1602)	1:98:A:ILE:HG22	1:101:A:ILE:HD13	3	0.19
(1,1602)	1:98:A:ILE:HG23	1:101:A:ILE:HD11	3	0.19
(1,1602)	1:98:A:ILE:HG23	1:101:A:ILE:HD12	3	0.19
(1,1602)	1:98:A:ILE:HG23	1:101:A:ILE:HD13	3	0.19
(1,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	3	0.19
(1,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	3	0.19
(1,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	3	0.19
(1,1575)	1:110:A:MET:HB2	1:114:A:ILE:HD11	7	0.19
(1,1575)	1:110:A:MET:HB2	1:114:A:ILE:HD12	7	0.19
(1,1575)	1:110:A:MET:HB2	1:114:A:ILE:HD13	7	0.19
(1,1546)	1:66:A:THR:HG21	1:69:A:MET:HE1	7	0.19
(1,1546)	1:66:A:THR:HG21	1:69:A:MET:HE2	7	0.19
(1,1546)	1:66:A:THR:HG21	1:69:A:MET:HE3	7	0.19
(1,1546)	1:66:A:THR:HG22	1:69:A:MET:HE1	7	0.19
(1,1546)	1:66:A:THR:HG22	1:69:A:MET:HE2	7	0.19
(1,1546)	1:66:A:THR:HG22	1:69:A:MET:HE3	7	0.19
(1,1546)	1:66:A:THR:HG23	1:69:A:MET:HE1	7	0.19
(1,1546)	1:66:A:THR:HG23	1:69:A:MET:HE2	7	0.19
(1,1546)	1:66:A:THR:HG23	1:69:A:MET:HE3	7	0.19
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE1	18	0.19
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE2	18	0.19
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE3	18	0.19
(1,1433)	1:121:A:VAL:HG21	1:122:A:ASP:H	2	0.19
(1,1433)	1:121:A:VAL:HG22	1:122:A:ASP:H	2	0.19
(1,1433)	1:121:A:VAL:HG23	1:122:A:ASP:H	2	0.19
(1,1410)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	2	0.19
(1,1410)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	2	0.19
(1,1410)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	2	0.19
(1,1362)	1:119:A:LEU:HA	1:121:A:VAL:HG11	17	0.19
(1,1362)	1:119:A:LEU:HA	1:121:A:VAL:HG12	17	0.19
(1,1362)	1:119:A:LEU:HA	1:121:A:VAL:HG13	17	0.19
(1,1361)	1:120:A:CYS:HA	1:121:A:VAL:HG11	12	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1361)	1:120:A:CYS:HA	1:121:A:VAL:HG12	12	0.19
(1,1361)	1:120:A:CYS:HA	1:121:A:VAL:HG13	12	0.19
(1,1295)	1:66:A:THR:HG21	1:96:A:VAL:H	14	0.19
(1,1295)	1:66:A:THR:HG22	1:96:A:VAL:H	14	0.19
(1,1295)	1:66:A:THR:HG23	1:96:A:VAL:H	14	0.19
(1,1292)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	16	0.19
(1,1292)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	16	0.19
(1,1292)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	16	0.19
(1,1275)	1:114:A:ILE:HA	1:117:A:VAL:HG11	14	0.19
(1,1275)	1:114:A:ILE:HA	1:117:A:VAL:HG12	14	0.19
(1,1275)	1:114:A:ILE:HA	1:117:A:VAL:HG13	14	0.19
(1,1275)	1:114:A:ILE:HA	1:117:A:VAL:HG11	19	0.19
(1,1275)	1:114:A:ILE:HA	1:117:A:VAL:HG12	19	0.19
(1,1275)	1:114:A:ILE:HA	1:117:A:VAL:HG13	19	0.19
(1,1263)	1:23:A:LEU:HD11	1:25:A:ALA:H	5	0.19
(1,1263)	1:23:A:LEU:HD12	1:25:A:ALA:H	5	0.19
(1,1263)	1:23:A:LEU:HD13	1:25:A:ALA:H	5	0.19
(1,1233)	1:140:A:LEU:HA	1:140:A:LEU:HD11	5	0.19
(1,1233)	1:140:A:LEU:HA	1:140:A:LEU:HD12	5	0.19
(1,1233)	1:140:A:LEU:HA	1:140:A:LEU:HD13	5	0.19
(1,1232)	1:136:A:CYS:HA	1:140:A:LEU:HD11	3	0.19
(1,1232)	1:136:A:CYS:HA	1:140:A:LEU:HD12	3	0.19
(1,1232)	1:136:A:CYS:HA	1:140:A:LEU:HD13	3	0.19
(1,1050)	1:11:A:ILE:HA	1:11:A:ILE:HG12	14	0.19
(1,895)	1:138:A:ASP:HB2	1:141:A:LYS:HB2	14	0.19
(1,895)	1:138:A:ASP:HB2	1:141:A:LYS:HB3	14	0.19
(1,895)	1:138:A:ASP:HB3	1:141:A:LYS:HB2	14	0.19
(1,895)	1:138:A:ASP:HB3	1:141:A:LYS:HB3	14	0.19
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	1	0.19
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	1	0.19
(1,838)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	1	0.19
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	1	0.19
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	1	0.19
(1,838)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	1	0.19
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	1	0.19
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	1	0.19
(1,838)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	1	0.19
(1,811)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	9	0.19
(1,811)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	9	0.19
(1,811)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	9	0.19
(1,792)	1:101:A:ILE:HD11	1:118:A:ASP:H	19	0.19
(1,792)	1:101:A:ILE:HD12	1:118:A:ASP:H	19	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,792)	1:101:A:ILE:HD13	1:118:A:ASP:H	19	0.19
(1,788)	1:101:A:ILE:HD11	1:119:A:LEU:HA	19	0.19
(1,788)	1:101:A:ILE:HD12	1:119:A:LEU:HA	19	0.19
(1,788)	1:101:A:ILE:HD13	1:119:A:LEU:HA	19	0.19
(1,671)	1:103:A:ARG:HG2	1:106:A:ASP:H	14	0.19
(1,671)	1:103:A:ARG:HG3	1:106:A:ASP:H	14	0.19
(1,664)	1:101:A:ILE:H	1:104:A:PHE:HB3	7	0.19
(1,658)	1:66:A:THR:H	1:70:A:LYS:H	14	0.19
(1,441)	1:73:A:ILE:HB	1:76:A:ARG:H	5	0.19
(1,415)	1:125:A:THR:H	1:125:A:THR:HB	15	0.19
(1,337)	1:120:A:CYS:HA	1:122:A:ASP:H	11	0.19
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE1	19	0.19
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE2	19	0.19
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE3	19	0.19
(1,299)	1:43:A:MET:H	1:43:A:MET:HG2	3	0.19
(1,250)	1:23:A:LEU:HB2	1:24:A:ASP:H	9	0.19
(1,250)	1:23:A:LEU:HB3	1:24:A:ASP:H	9	0.19
(1,216)	1:101:A:ILE:H	1:101:A:ILE:HB	19	0.19
(1,187)	1:93:A:GLU:H	1:93:A:GLU:HB2	4	0.19
(1,187)	1:93:A:GLU:H	1:93:A:GLU:HB3	4	0.19
(1,95)	1:151:A:PHE:H	1:151:A:PHE:HB3	18	0.19
(1,58)	1:98:A:ILE:H	1:101:A:ILE:HG13	15	0.19
(1,53)	1:44:A:GLU:HB2	1:47:A:ALA:H	9	0.19
(1,53)	1:44:A:GLU:HB3	1:47:A:ALA:H	9	0.19
(34,2439)	1:131:A:LEU:HD11	1:134:A:VAL:HB	18	0.18
(34,2439)	1:131:A:LEU:HD12	1:134:A:VAL:HB	18	0.18
(34,2439)	1:131:A:LEU:HD13	1:134:A:VAL:HB	18	0.18
(34,2439)	1:131:A:LEU:HD21	1:134:A:VAL:HB	18	0.18
(34,2439)	1:131:A:LEU:HD22	1:134:A:VAL:HB	18	0.18
(34,2439)	1:131:A:LEU:HD23	1:134:A:VAL:HB	18	0.18
(34,2307)	1:101:A:ILE:H	1:119:A:LEU:HD11	8	0.18
(34,2307)	1:101:A:ILE:H	1:119:A:LEU:HD12	8	0.18
(34,2307)	1:101:A:ILE:H	1:119:A:LEU:HD13	8	0.18
(34,2307)	1:101:A:ILE:H	1:119:A:LEU:HD21	8	0.18
(34,2307)	1:101:A:ILE:H	1:119:A:LEU:HD22	8	0.18
(34,2307)	1:101:A:ILE:H	1:119:A:LEU:HD23	8	0.18
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	3	0.18
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	3	0.18
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	3	0.18
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	3	0.18
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	3	0.18
(34,2158)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	3	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2138)	1:40:A:LEU:HD11	1:43:A:MET:HB3	17	0.18
(34,2138)	1:40:A:LEU:HD12	1:43:A:MET:HB3	17	0.18
(34,2138)	1:40:A:LEU:HD13	1:43:A:MET:HB3	17	0.18
(34,2138)	1:40:A:LEU:HD21	1:43:A:MET:HB3	17	0.18
(34,2138)	1:40:A:LEU:HD22	1:43:A:MET:HB3	17	0.18
(34,2138)	1:40:A:LEU:HD23	1:43:A:MET:HB3	17	0.18
(34,2134)	1:40:A:LEU:HD11	1:41:A:LYS:H	13	0.18
(34,2134)	1:40:A:LEU:HD12	1:41:A:LYS:H	13	0.18
(34,2134)	1:40:A:LEU:HD13	1:41:A:LYS:H	13	0.18
(34,2134)	1:40:A:LEU:HD21	1:41:A:LYS:H	13	0.18
(34,2134)	1:40:A:LEU:HD22	1:41:A:LYS:H	13	0.18
(34,2134)	1:40:A:LEU:HD23	1:41:A:LYS:H	13	0.18
(34,2132)	1:40:A:LEU:HA	1:40:A:LEU:HD11	7	0.18
(34,2132)	1:40:A:LEU:HA	1:40:A:LEU:HD12	7	0.18
(34,2132)	1:40:A:LEU:HA	1:40:A:LEU:HD13	7	0.18
(34,2132)	1:40:A:LEU:HA	1:40:A:LEU:HD21	7	0.18
(34,2132)	1:40:A:LEU:HA	1:40:A:LEU:HD22	7	0.18
(34,2132)	1:40:A:LEU:HA	1:40:A:LEU:HD23	7	0.18
(34,2112)	1:39:A:VAL:HB	1:140:A:LEU:HD11	17	0.18
(34,2112)	1:39:A:VAL:HB	1:140:A:LEU:HD12	17	0.18
(34,2112)	1:39:A:VAL:HB	1:140:A:LEU:HD13	17	0.18
(34,2112)	1:39:A:VAL:HB	1:140:A:LEU:HD21	17	0.18
(34,2112)	1:39:A:VAL:HB	1:140:A:LEU:HD22	17	0.18
(34,2112)	1:39:A:VAL:HB	1:140:A:LEU:HD23	17	0.18
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD11	12	0.18
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD12	12	0.18
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD13	12	0.18
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD21	12	0.18
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD22	12	0.18
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD23	12	0.18
(34,2103)	1:38:A:GLU:HB2	1:139:A:LEU:HD11	17	0.18
(34,2103)	1:38:A:GLU:HB2	1:139:A:LEU:HD12	17	0.18
(34,2103)	1:38:A:GLU:HB2	1:139:A:LEU:HD13	17	0.18
(34,2103)	1:38:A:GLU:HB2	1:139:A:LEU:HD21	17	0.18
(34,2103)	1:38:A:GLU:HB2	1:139:A:LEU:HD22	17	0.18
(34,2103)	1:38:A:GLU:HB2	1:139:A:LEU:HD23	17	0.18
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD11	9	0.18
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD12	9	0.18
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD13	9	0.18
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD21	9	0.18
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD22	9	0.18
(34,2065)	1:31:A:PRO:HG2	1:140:A:LEU:HD23	9	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD11	9	0.18
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD12	9	0.18
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD13	9	0.18
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD21	9	0.18
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD22	9	0.18
(34,2065)	1:31:A:PRO:HG3	1:140:A:LEU:HD23	9	0.18
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	15	0.18
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	15	0.18
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	15	0.18
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	15	0.18
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	15	0.18
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	15	0.18
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	15	0.18
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	15	0.18
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	15	0.18
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	15	0.18
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	15	0.18
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	15	0.18
(34,2008)	1:15:A:ALA:HB1	1:16:A:SER:HB2	17	0.18
(34,2008)	1:15:A:ALA:HB1	1:16:A:SER:HB3	17	0.18
(34,2008)	1:15:A:ALA:HB2	1:16:A:SER:HB2	17	0.18
(34,2008)	1:15:A:ALA:HB2	1:16:A:SER:HB3	17	0.18
(34,2008)	1:15:A:ALA:HB3	1:16:A:SER:HB2	17	0.18
(34,2008)	1:15:A:ALA:HB3	1:16:A:SER:HB3	17	0.18
(34,1991)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	11	0.18
(34,1991)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	11	0.18
(34,1991)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	11	0.18
(34,1991)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	11	0.18
(34,1991)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	11	0.18
(34,1991)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	11	0.18
(34,1991)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	11	0.18
(34,1991)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	11	0.18
(34,1991)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	11	0.18
(34,1991)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	11	0.18
(34,1991)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	11	0.18
(34,1991)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	11	0.18
(34,1991)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	11	0.18
(34,1991)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	11	0.18
(34,1991)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	11	0.18
(34,1991)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	11	0.18
(34,1991)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	11	0.18
(34,1991)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	11	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1976)	1:12:A:VAL:HG11	1:43:A:MET:HE1	5	0.18
(34,1976)	1:12:A:VAL:HG11	1:43:A:MET:HE2	5	0.18
(34,1976)	1:12:A:VAL:HG11	1:43:A:MET:HE3	5	0.18
(34,1976)	1:12:A:VAL:HG12	1:43:A:MET:HE1	5	0.18
(34,1976)	1:12:A:VAL:HG12	1:43:A:MET:HE2	5	0.18
(34,1976)	1:12:A:VAL:HG12	1:43:A:MET:HE3	5	0.18
(34,1976)	1:12:A:VAL:HG13	1:43:A:MET:HE1	5	0.18
(34,1976)	1:12:A:VAL:HG13	1:43:A:MET:HE2	5	0.18
(34,1976)	1:12:A:VAL:HG13	1:43:A:MET:HE3	5	0.18
(34,1976)	1:12:A:VAL:HG21	1:43:A:MET:HE1	5	0.18
(34,1976)	1:12:A:VAL:HG21	1:43:A:MET:HE2	5	0.18
(34,1976)	1:12:A:VAL:HG21	1:43:A:MET:HE3	5	0.18
(34,1976)	1:12:A:VAL:HG22	1:43:A:MET:HE1	5	0.18
(34,1976)	1:12:A:VAL:HG22	1:43:A:MET:HE2	5	0.18
(34,1976)	1:12:A:VAL:HG22	1:43:A:MET:HE3	5	0.18
(34,1976)	1:12:A:VAL:HG23	1:43:A:MET:HE1	5	0.18
(34,1976)	1:12:A:VAL:HG23	1:43:A:MET:HE2	5	0.18
(34,1976)	1:12:A:VAL:HG23	1:43:A:MET:HE3	5	0.18
(34,1933)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	10	0.18
(34,1933)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	10	0.18
(34,1933)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	10	0.18
(34,1933)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	10	0.18
(34,1933)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	10	0.18
(34,1933)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	10	0.18
(34,1904)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	10	0.18
(34,1904)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	10	0.18
(34,1904)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	10	0.18
(34,1904)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	10	0.18
(34,1904)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	10	0.18
(34,1904)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	10	0.18
(34,1898)	1:104:A:PHE:HZ	1:112:A:GLN:HB2	10	0.18
(34,1898)	1:104:A:PHE:HZ	1:112:A:GLN:HB3	10	0.18
(34,1876)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	14	0.18
(34,1876)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	14	0.18
(34,1863)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	19	0.18
(34,1863)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	19	0.18
(34,1858)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	13	0.18
(34,1858)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	13	0.18
(34,1858)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	13	0.18
(34,1858)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	13	0.18
(34,1858)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	13	0.18
(34,1858)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	13	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1831)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	11	0.18
(34,1831)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	11	0.18
(34,1831)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	11	0.18
(34,1831)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	11	0.18
(34,1831)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	11	0.18
(34,1831)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	11	0.18
(34,1824)	1:97:A:ASP:HA	1:104:A:PHE:HD1	3	0.18
(34,1824)	1:97:A:ASP:HA	1:104:A:PHE:HD2	3	0.18
(34,1813)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	17	0.18
(34,1813)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	17	0.18
(34,1813)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	17	0.18
(34,1813)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	17	0.18
(34,1792)	1:58:A:ILE:HG21	1:62:A:HIS:HE1	12	0.18
(34,1792)	1:58:A:ILE:HG22	1:62:A:HIS:HE1	12	0.18
(34,1792)	1:58:A:ILE:HG23	1:62:A:HIS:HE1	12	0.18
(34,1792)	1:58:A:ILE:HG21	1:62:A:HIS:HE1	17	0.18
(34,1792)	1:58:A:ILE:HG22	1:62:A:HIS:HE1	17	0.18
(34,1792)	1:58:A:ILE:HG23	1:62:A:HIS:HE1	17	0.18
(34,1772)	1:141:A:LYS:HA	1:144:A:LEU:HD21	14	0.18
(34,1772)	1:141:A:LYS:HA	1:144:A:LEU:HD22	14	0.18
(34,1772)	1:141:A:LYS:HA	1:144:A:LEU:HD23	14	0.18
(34,1734)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.18
(34,1734)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.18
(34,1734)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.18
(34,1734)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.18
(34,1734)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.18
(34,1734)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.18
(34,1730)	1:13:A:ALA:HA	1:79:A:THR:HG21	10	0.18
(34,1730)	1:13:A:ALA:HA	1:79:A:THR:HG22	10	0.18
(34,1730)	1:13:A:ALA:HA	1:79:A:THR:HG23	10	0.18
(34,1688)	1:125:A:THR:HA	1:128:A:LEU:HA	4	0.18
(34,1688)	1:125:A:THR:HA	1:128:A:LEU:HA	13	0.18
(34,1667)	1:69:A:MET:HE1	1:112:A:GLN:H	10	0.18
(34,1667)	1:69:A:MET:HE2	1:112:A:GLN:H	10	0.18
(34,1667)	1:69:A:MET:HE3	1:112:A:GLN:H	10	0.18
(34,1600)	1:97:A:ASP:H	1:98:A:ILE:HD11	19	0.18
(34,1600)	1:97:A:ASP:H	1:98:A:ILE:HD12	19	0.18
(34,1600)	1:97:A:ASP:H	1:98:A:ILE:HD13	19	0.18
(34,1574)	1:123:A:CYS:H	1:128:A:LEU:HD11	6	0.18
(34,1574)	1:123:A:CYS:H	1:128:A:LEU:HD12	6	0.18
(34,1574)	1:123:A:CYS:H	1:128:A:LEU:HD13	6	0.18
(34,1566)	1:138:A:ASP:HB2	1:139:A:LEU:HD21	19	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1566)	1:138:A:ASP:HB2	1:139:A:LEU:HD22	19	0.18
(34,1566)	1:138:A:ASP:HB2	1:139:A:LEU:HD23	19	0.18
(34,1566)	1:138:A:ASP:HB3	1:139:A:LEU:HD21	19	0.18
(34,1566)	1:138:A:ASP:HB3	1:139:A:LEU:HD22	19	0.18
(34,1566)	1:138:A:ASP:HB3	1:139:A:LEU:HD23	19	0.18
(34,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD21	10	0.18
(34,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD22	10	0.18
(34,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD23	10	0.18
(34,1557)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	13	0.18
(34,1557)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	13	0.18
(34,1557)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	13	0.18
(34,1557)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	13	0.18
(34,1557)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	13	0.18
(34,1557)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	13	0.18
(34,1535)	1:110:A:MET:HE1	1:113:A:PHE:HE1	15	0.18
(34,1535)	1:110:A:MET:HE1	1:113:A:PHE:HE2	15	0.18
(34,1535)	1:110:A:MET:HE2	1:113:A:PHE:HE1	15	0.18
(34,1535)	1:110:A:MET:HE2	1:113:A:PHE:HE2	15	0.18
(34,1535)	1:110:A:MET:HE3	1:113:A:PHE:HE1	15	0.18
(34,1535)	1:110:A:MET:HE3	1:113:A:PHE:HE2	15	0.18
(34,1532)	1:65:A:CYS:H	1:69:A:MET:HE1	16	0.18
(34,1532)	1:65:A:CYS:H	1:69:A:MET:HE2	16	0.18
(34,1532)	1:65:A:CYS:H	1:69:A:MET:HE3	16	0.18
(34,1516)	1:43:A:MET:H	1:43:A:MET:HE1	17	0.18
(34,1516)	1:43:A:MET:H	1:43:A:MET:HE2	17	0.18
(34,1516)	1:43:A:MET:H	1:43:A:MET:HE3	17	0.18
(34,1482)	1:42:A:GLU:H	1:45:A:ALA:HB1	10	0.18
(34,1482)	1:42:A:GLU:H	1:45:A:ALA:HB2	10	0.18
(34,1482)	1:42:A:GLU:H	1:45:A:ALA:HB3	10	0.18
(34,1473)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	19	0.18
(34,1473)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	19	0.18
(34,1473)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	19	0.18
(34,1451)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	19	0.18
(34,1451)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	19	0.18
(34,1451)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	19	0.18
(34,1429)	1:73:A:ILE:HG21	1:110:A:MET:H	7	0.18
(34,1429)	1:73:A:ILE:HG22	1:110:A:MET:H	7	0.18
(34,1429)	1:73:A:ILE:HG23	1:110:A:MET:H	7	0.18
(34,1422)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	10	0.18
(34,1422)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	10	0.18
(34,1422)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	10	0.18
(34,1396)	1:103:A:ARG:HD2	1:107:A:LEU:HD11	3	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1396)	1:103:A:ARG:HD2	1:107:A:LEU:HD12	3	0.18
(34,1396)	1:103:A:ARG:HD2	1:107:A:LEU:HD13	3	0.18
(34,1396)	1:103:A:ARG:HD3	1:107:A:LEU:HD11	3	0.18
(34,1396)	1:103:A:ARG:HD3	1:107:A:LEU:HD12	3	0.18
(34,1396)	1:103:A:ARG:HD3	1:107:A:LEU:HD13	3	0.18
(34,1382)	1:39:A:VAL:HG11	1:41:A:LYS:H	7	0.18
(34,1382)	1:39:A:VAL:HG12	1:41:A:LYS:H	7	0.18
(34,1382)	1:39:A:VAL:HG13	1:41:A:LYS:H	7	0.18
(34,1343)	1:123:A:CYS:HB2	1:128:A:LEU:HD11	11	0.18
(34,1343)	1:123:A:CYS:HB2	1:128:A:LEU:HD12	11	0.18
(34,1343)	1:123:A:CYS:HB2	1:128:A:LEU:HD13	11	0.18
(34,1334)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	9	0.18
(34,1334)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	9	0.18
(34,1334)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	9	0.18
(34,1334)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	9	0.18
(34,1334)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	9	0.18
(34,1334)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	9	0.18
(34,1334)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	9	0.18
(34,1334)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	9	0.18
(34,1334)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	9	0.18
(34,1277)	1:37:A:LEU:HD11	1:38:A:GLU:HA	16	0.18
(34,1277)	1:37:A:LEU:HD12	1:38:A:GLU:HA	16	0.18
(34,1277)	1:37:A:LEU:HD13	1:38:A:GLU:HA	16	0.18
(34,1246)	1:110:A:MET:HA	1:113:A:PHE:HB2	13	0.18
(34,1096)	1:140:A:LEU:H	1:140:A:LEU:HG	8	0.18
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD11	17	0.18
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD12	17	0.18
(34,1068)	1:11:A:ILE:HA	1:11:A:ILE:HD13	17	0.18
(34,1064)	1:11:A:ILE:HB	1:44:A:GLU:HB2	1	0.18
(34,1064)	1:11:A:ILE:HB	1:44:A:GLU:HB3	1	0.18
(34,1044)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	5	0.18
(34,1044)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	5	0.18
(34,1044)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	5	0.18
(34,1044)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	5	0.18
(34,1016)	1:12:A:VAL:HB	1:43:A:MET:HE1	1	0.18
(34,1016)	1:12:A:VAL:HB	1:43:A:MET:HE2	1	0.18
(34,1016)	1:12:A:VAL:HB	1:43:A:MET:HE3	1	0.18
(34,988)	1:138:A:ASP:HA	1:141:A:LYS:HB2	6	0.18
(34,988)	1:138:A:ASP:HA	1:141:A:LYS:HB3	6	0.18
(34,982)	1:70:A:LYS:HB2	1:74:A:PRO:HA	6	0.18
(34,982)	1:70:A:LYS:HB3	1:74:A:PRO:HA	6	0.18
(34,911)	1:94:A:ALA:HA	1:95:A:ILE:HB	14	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,879)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	14	0.18
(34,879)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	14	0.18
(34,879)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	14	0.18
(34,874)	1:56:A:CYS:H	1:122:A:ASP:HB3	6	0.18
(34,846)	1:48:A:ARG:HA	1:48:A:ARG:HD2	8	0.18
(34,846)	1:48:A:ARG:HA	1:48:A:ARG:HD3	8	0.18
(34,842)	1:48:A:ARG:HD2	1:49:A:LYS:HA	6	0.18
(34,842)	1:48:A:ARG:HD3	1:49:A:LYS:HA	6	0.18
(34,834)	1:114:A:ILE:HD11	1:115:A:ALA:H	17	0.18
(34,834)	1:114:A:ILE:HD12	1:115:A:ALA:H	17	0.18
(34,834)	1:114:A:ILE:HD13	1:115:A:ALA:H	17	0.18
(34,786)	1:101:A:ILE:HD11	1:119:A:LEU:HG	8	0.18
(34,786)	1:101:A:ILE:HD12	1:119:A:LEU:HG	8	0.18
(34,786)	1:101:A:ILE:HD13	1:119:A:LEU:HG	8	0.18
(34,630)	1:35:A:LEU:H	1:80:A:TYR:HB2	13	0.18
(34,568)	1:124:A:THR:H	1:128:A:LEU:HD11	18	0.18
(34,568)	1:124:A:THR:H	1:128:A:LEU:HD12	18	0.18
(34,568)	1:124:A:THR:H	1:128:A:LEU:HD13	18	0.18
(34,565)	1:73:A:ILE:HD11	1:110:A:MET:H	14	0.18
(34,565)	1:73:A:ILE:HD12	1:110:A:MET:H	14	0.18
(34,565)	1:73:A:ILE:HD13	1:110:A:MET:H	14	0.18
(34,552)	1:60:A:LEU:HD21	1:61:A:SER:H	13	0.18
(34,552)	1:60:A:LEU:HD22	1:61:A:SER:H	13	0.18
(34,552)	1:60:A:LEU:HD23	1:61:A:SER:H	13	0.18
(34,497)	1:98:A:ILE:H	1:105:A:LYS:H	8	0.18
(34,456)	1:142:A:LYS:H	1:143:A:TRP:HB2	12	0.18
(34,446)	1:73:A:ILE:HB	1:76:A:ARG:H	9	0.18
(34,357)	1:123:A:CYS:H	1:128:A:LEU:HD21	19	0.18
(34,357)	1:123:A:CYS:H	1:128:A:LEU:HD22	19	0.18
(34,357)	1:123:A:CYS:H	1:128:A:LEU:HD23	19	0.18
(34,325)	1:136:A:CYS:HA	1:140:A:LEU:H	8	0.18
(34,303)	1:128:A:LEU:HB3	1:129:A:LYS:H	8	0.18
(34,279)	1:112:A:GLN:H	1:112:A:GLN:HE21	18	0.18
(34,209)	1:101:A:ILE:H	1:101:A:ILE:HB	16	0.18
(34,161)	1:127:A:CYS:H	1:128:A:LEU:HB2	18	0.18
(34,137)	1:12:A:VAL:H	1:13:A:ALA:HB1	1	0.18
(34,137)	1:12:A:VAL:H	1:13:A:ALA:HB2	1	0.18
(34,137)	1:12:A:VAL:H	1:13:A:ALA:HB3	1	0.18
(34,119)	1:22:A:ASP:H	1:23:A:LEU:HB2	3	0.18
(34,119)	1:22:A:ASP:H	1:23:A:LEU:HB3	3	0.18
(34,112)	1:69:A:MET:H	1:73:A:ILE:HD11	10	0.18
(34,112)	1:69:A:MET:H	1:73:A:ILE:HD12	10	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,112)	1:69:A:MET:H	1:73:A:ILE:HD13	10	0.18
(34,37)	1:95:A:ILE:HB	1:96:A:VAL:H	13	0.18
(34,16)	1:64:A:LYS:H	1:64:A:LYS:HD2	16	0.18
(34,16)	1:64:A:LYS:H	1:64:A:LYS:HD3	16	0.18
(34,9)	1:64:A:LYS:H	1:116:A:GLN:HE22	4	0.18
(34,1)	1:143:A:TRP:HA	1:143:A:TRP:HE1	8	0.18
(33,2439)	1:131:A:LEU:HD11	1:134:A:VAL:HB	18	0.18
(33,2439)	1:131:A:LEU:HD12	1:134:A:VAL:HB	18	0.18
(33,2439)	1:131:A:LEU:HD13	1:134:A:VAL:HB	18	0.18
(33,2439)	1:131:A:LEU:HD21	1:134:A:VAL:HB	18	0.18
(33,2439)	1:131:A:LEU:HD22	1:134:A:VAL:HB	18	0.18
(33,2439)	1:131:A:LEU:HD23	1:134:A:VAL:HB	18	0.18
(33,2414)	1:126:A:GLY:H	1:129:A:LYS:HG2	2	0.18
(33,2414)	1:126:A:GLY:H	1:129:A:LYS:HG3	2	0.18
(33,2238)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.18
(33,2238)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.18
(33,2238)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.18
(33,2238)	1:66:A:THR:HG21	1:96:A:VAL:HG21	2	0.18
(33,2238)	1:66:A:THR:HG21	1:96:A:VAL:HG22	2	0.18
(33,2238)	1:66:A:THR:HG21	1:96:A:VAL:HG23	2	0.18
(33,2238)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.18
(33,2238)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.18
(33,2238)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.18
(33,2238)	1:66:A:THR:HG22	1:96:A:VAL:HG21	2	0.18
(33,2238)	1:66:A:THR:HG22	1:96:A:VAL:HG22	2	0.18
(33,2238)	1:66:A:THR:HG22	1:96:A:VAL:HG23	2	0.18
(33,2238)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.18
(33,2238)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.18
(33,2238)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.18
(33,2238)	1:66:A:THR:HG23	1:96:A:VAL:HG21	2	0.18
(33,2238)	1:66:A:THR:HG23	1:96:A:VAL:HG22	2	0.18
(33,2238)	1:66:A:THR:HG23	1:96:A:VAL:HG23	2	0.18
(33,2233)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	16	0.18
(33,2233)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	16	0.18
(33,2233)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	16	0.18
(33,2233)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	16	0.18
(33,2229)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.18
(33,2229)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.18
(33,2229)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.18
(33,2229)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.18
(33,2149)	1:43:A:MET:HG2	1:134:A:VAL:HG11	7	0.18
(33,2149)	1:43:A:MET:HG2	1:134:A:VAL:HG12	7	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2149)	1:43:A:MET:HG2	1:134:A:VAL:HG13	7	0.18
(33,2149)	1:43:A:MET:HG2	1:134:A:VAL:HG21	7	0.18
(33,2149)	1:43:A:MET:HG2	1:134:A:VAL:HG22	7	0.18
(33,2149)	1:43:A:MET:HG2	1:134:A:VAL:HG23	7	0.18
(33,2149)	1:43:A:MET:HG3	1:134:A:VAL:HG11	7	0.18
(33,2149)	1:43:A:MET:HG3	1:134:A:VAL:HG12	7	0.18
(33,2149)	1:43:A:MET:HG3	1:134:A:VAL:HG13	7	0.18
(33,2149)	1:43:A:MET:HG3	1:134:A:VAL:HG21	7	0.18
(33,2149)	1:43:A:MET:HG3	1:134:A:VAL:HG22	7	0.18
(33,2149)	1:43:A:MET:HG3	1:134:A:VAL:HG23	7	0.18
(33,2143)	1:42:A:GLU:HB2	1:140:A:LEU:HD21	10	0.18
(33,2143)	1:42:A:GLU:HB2	1:140:A:LEU:HD22	10	0.18
(33,2143)	1:42:A:GLU:HB2	1:140:A:LEU:HD23	10	0.18
(33,2143)	1:42:A:GLU:HB3	1:140:A:LEU:HD21	10	0.18
(33,2143)	1:42:A:GLU:HB3	1:140:A:LEU:HD22	10	0.18
(33,2143)	1:42:A:GLU:HB3	1:140:A:LEU:HD23	10	0.18
(33,2132)	1:40:A:LEU:HD11	1:41:A:LYS:H	17	0.18
(33,2132)	1:40:A:LEU:HD12	1:41:A:LYS:H	17	0.18
(33,2132)	1:40:A:LEU:HD13	1:41:A:LYS:H	17	0.18
(33,2132)	1:40:A:LEU:HD21	1:41:A:LYS:H	17	0.18
(33,2132)	1:40:A:LEU:HD22	1:41:A:LYS:H	17	0.18
(33,2132)	1:40:A:LEU:HD23	1:41:A:LYS:H	17	0.18
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD11	3	0.18
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD12	3	0.18
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD13	3	0.18
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD21	3	0.18
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD22	3	0.18
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD23	3	0.18
(33,2087)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	9	0.18
(33,2087)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	9	0.18
(33,2087)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	9	0.18
(33,2087)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	9	0.18
(33,2087)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	9	0.18
(33,2087)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	9	0.18
(33,2049)	1:27:A:ARG:HB2	1:27:A:ARG:HE	6	0.18
(33,2049)	1:27:A:ARG:HB3	1:27:A:ARG:HE	6	0.18
(33,2040)	1:23:A:LEU:HD11	1:26:A:ASP:HA	3	0.18
(33,2040)	1:23:A:LEU:HD12	1:26:A:ASP:HA	3	0.18
(33,2040)	1:23:A:LEU:HD13	1:26:A:ASP:HA	3	0.18
(33,2040)	1:23:A:LEU:HD21	1:26:A:ASP:HA	3	0.18
(33,2040)	1:23:A:LEU:HD22	1:26:A:ASP:HA	3	0.18
(33,2040)	1:23:A:LEU:HD23	1:26:A:ASP:HA	3	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2039)	1:23:A:LEU:HD11	1:25:A:ALA:H	13	0.18
(33,2039)	1:23:A:LEU:HD12	1:25:A:ALA:H	13	0.18
(33,2039)	1:23:A:LEU:HD13	1:25:A:ALA:H	13	0.18
(33,2039)	1:23:A:LEU:HD21	1:25:A:ALA:H	13	0.18
(33,2039)	1:23:A:LEU:HD22	1:25:A:ALA:H	13	0.18
(33,2039)	1:23:A:LEU:HD23	1:25:A:ALA:H	13	0.18
(33,2039)	1:23:A:LEU:HD11	1:25:A:ALA:H	19	0.18
(33,2039)	1:23:A:LEU:HD12	1:25:A:ALA:H	19	0.18
(33,2039)	1:23:A:LEU:HD13	1:25:A:ALA:H	19	0.18
(33,2039)	1:23:A:LEU:HD21	1:25:A:ALA:H	19	0.18
(33,2039)	1:23:A:LEU:HD22	1:25:A:ALA:H	19	0.18
(33,2039)	1:23:A:LEU:HD23	1:25:A:ALA:H	19	0.18
(33,2013)	1:17:A:ASN:HD21	1:18:A:PHE:H	2	0.18
(33,2013)	1:17:A:ASN:HD22	1:18:A:PHE:H	2	0.18
(33,1963)	1:12:A:VAL:HA	1:43:A:MET:HG2	2	0.18
(33,1963)	1:12:A:VAL:HA	1:43:A:MET:HG3	2	0.18
(33,1957)	1:11:A:ILE:HD11	1:46:A:ASN:HB2	7	0.18
(33,1957)	1:11:A:ILE:HD11	1:46:A:ASN:HB3	7	0.18
(33,1957)	1:11:A:ILE:HD12	1:46:A:ASN:HB2	7	0.18
(33,1957)	1:11:A:ILE:HD12	1:46:A:ASN:HB3	7	0.18
(33,1957)	1:11:A:ILE:HD13	1:46:A:ASN:HB2	7	0.18
(33,1957)	1:11:A:ILE:HD13	1:46:A:ASN:HB3	7	0.18
(33,1900)	1:151:A:PHE:H	1:151:A:PHE:HD1	4	0.18
(33,1900)	1:151:A:PHE:H	1:151:A:PHE:HD2	4	0.18
(33,1889)	1:104:A:PHE:HZ	1:112:A:GLN:HB2	10	0.18
(33,1889)	1:104:A:PHE:HZ	1:112:A:GLN:HB3	10	0.18
(33,1880)	1:68:A:LYS:HA	1:72:A:PHE:HE1	7	0.18
(33,1880)	1:68:A:LYS:HA	1:72:A:PHE:HE2	7	0.18
(33,1880)	1:68:A:LYS:HA	1:72:A:PHE:HE1	14	0.18
(33,1880)	1:68:A:LYS:HA	1:72:A:PHE:HE2	14	0.18
(33,1851)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	19	0.18
(33,1851)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	19	0.18
(33,1845)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	13	0.18
(33,1845)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	13	0.18
(33,1845)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	13	0.18
(33,1845)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	13	0.18
(33,1845)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	13	0.18
(33,1845)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	13	0.18
(33,1835)	1:61:A:SER:H	1:62:A:HIS:HD2	16	0.18
(33,1814)	1:113:A:PHE:HD1	1:114:A:ILE:HD11	6	0.18
(33,1814)	1:113:A:PHE:HD1	1:114:A:ILE:HD12	6	0.18
(33,1814)	1:113:A:PHE:HD1	1:114:A:ILE:HD13	6	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1814)	1:113:A:PHE:HD2	1:114:A:ILE:HD11	6	0.18
(33,1814)	1:113:A:PHE:HD2	1:114:A:ILE:HD12	6	0.18
(33,1814)	1:113:A:PHE:HD2	1:114:A:ILE:HD13	6	0.18
(33,1810)	1:97:A:ASP:HA	1:104:A:PHE:HD1	3	0.18
(33,1810)	1:97:A:ASP:HA	1:104:A:PHE:HD2	3	0.18
(33,1796)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	17	0.18
(33,1796)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	17	0.18
(33,1771)	1:9:A:PHE:HZ	1:54:A:ARG:HA	14	0.18
(33,1731)	1:18:A:PHE:HB3	1:132:A:ALA:HA	2	0.18
(33,1731)	1:18:A:PHE:HB2	1:132:A:ALA:HA	2	0.18
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD21	18	0.18
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD22	18	0.18
(33,1721)	1:39:A:VAL:HB	1:140:A:LEU:HD23	18	0.18
(33,1715)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.18
(33,1715)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.18
(33,1715)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.18
(33,1715)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.18
(33,1715)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.18
(33,1715)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.18
(33,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG21	2	0.18
(33,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG22	2	0.18
(33,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG23	2	0.18
(33,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG21	2	0.18
(33,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG22	2	0.18
(33,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG23	2	0.18
(33,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG21	2	0.18
(33,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG22	2	0.18
(33,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG23	2	0.18
(33,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG21	15	0.18
(33,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG22	15	0.18
(33,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG23	15	0.18
(33,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG21	15	0.18
(33,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG22	15	0.18
(33,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG23	15	0.18
(33,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG21	15	0.18
(33,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG22	15	0.18
(33,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG23	15	0.18
(33,1697)	1:34:A:LYS:HA	1:35:A:LEU:HB3	13	0.18
(33,1645)	1:69:A:MET:HE1	1:112:A:GLN:H	10	0.18
(33,1645)	1:69:A:MET:HE2	1:112:A:GLN:H	10	0.18
(33,1645)	1:69:A:MET:HE3	1:112:A:GLN:H	10	0.18
(33,1588)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	14	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1588)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	14	0.18
(33,1588)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	14	0.18
(33,1550)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	19	0.18
(33,1550)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	19	0.18
(33,1550)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	19	0.18
(33,1550)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	19	0.18
(33,1550)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	19	0.18
(33,1550)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	19	0.18
(33,1538)	1:144:A:LEU:HD21	1:147:A:ARG:HE	2	0.18
(33,1538)	1:144:A:LEU:HD22	1:147:A:ARG:HE	2	0.18
(33,1538)	1:144:A:LEU:HD23	1:147:A:ARG:HE	2	0.18
(33,1463)	1:42:A:GLU:H	1:45:A:ALA:HB1	10	0.18
(33,1463)	1:42:A:GLU:H	1:45:A:ALA:HB2	10	0.18
(33,1463)	1:42:A:GLU:H	1:45:A:ALA:HB3	10	0.18
(33,1429)	1:50:A:ALA:HB1	1:127:A:CYS:HA	16	0.18
(33,1429)	1:50:A:ALA:HB2	1:127:A:CYS:HA	16	0.18
(33,1429)	1:50:A:ALA:HB3	1:127:A:CYS:HA	16	0.18
(33,1406)	1:100:A:ALA:HB1	1:119:A:LEU:HD11	6	0.18
(33,1406)	1:100:A:ALA:HB1	1:119:A:LEU:HD12	6	0.18
(33,1406)	1:100:A:ALA:HB1	1:119:A:LEU:HD13	6	0.18
(33,1406)	1:100:A:ALA:HB2	1:119:A:LEU:HD11	6	0.18
(33,1406)	1:100:A:ALA:HB2	1:119:A:LEU:HD12	6	0.18
(33,1406)	1:100:A:ALA:HB2	1:119:A:LEU:HD13	6	0.18
(33,1406)	1:100:A:ALA:HB3	1:119:A:LEU:HD11	6	0.18
(33,1406)	1:100:A:ALA:HB3	1:119:A:LEU:HD12	6	0.18
(33,1406)	1:100:A:ALA:HB3	1:119:A:LEU:HD13	6	0.18
(33,1365)	1:39:A:VAL:HG11	1:41:A:LYS:H	7	0.18
(33,1365)	1:39:A:VAL:HG12	1:41:A:LYS:H	7	0.18
(33,1365)	1:39:A:VAL:HG13	1:41:A:LYS:H	7	0.18
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG11	2	0.18
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG12	2	0.18
(33,1364)	1:119:A:LEU:HG	1:121:A:VAL:HG13	2	0.18
(33,1363)	1:119:A:LEU:HB2	1:121:A:VAL:HG11	9	0.18
(33,1363)	1:119:A:LEU:HB2	1:121:A:VAL:HG12	9	0.18
(33,1363)	1:119:A:LEU:HB2	1:121:A:VAL:HG13	9	0.18
(33,1346)	1:125:A:THR:HG21	1:128:A:LEU:HB2	7	0.18
(33,1346)	1:125:A:THR:HG22	1:128:A:LEU:HB2	7	0.18
(33,1346)	1:125:A:THR:HG23	1:128:A:LEU:HB2	7	0.18
(33,1324)	1:123:A:CYS:HB2	1:128:A:LEU:HD11	11	0.18
(33,1324)	1:123:A:CYS:HB2	1:128:A:LEU:HD12	11	0.18
(33,1324)	1:123:A:CYS:HB2	1:128:A:LEU:HD13	11	0.18
(33,1254)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	5	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1254)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	5	0.18
(33,1254)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	5	0.18
(33,1254)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	5	0.18
(33,1254)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	5	0.18
(33,1254)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	5	0.18
(33,1254)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	5	0.18
(33,1254)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	5	0.18
(33,1254)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	5	0.18
(33,1210)	1:41:A:LYS:H	1:41:A:LYS:HG3	5	0.18
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD21	8	0.18
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD22	8	0.18
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD23	8	0.18
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD21	14	0.18
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD22	14	0.18
(33,1199)	1:23:A:LEU:HA	1:23:A:LEU:HD23	14	0.18
(33,1174)	1:136:A:CYS:HA	1:140:A:LEU:HD11	4	0.18
(33,1174)	1:136:A:CYS:HA	1:140:A:LEU:HD12	4	0.18
(33,1174)	1:136:A:CYS:HA	1:140:A:LEU:HD13	4	0.18
(33,1066)	1:140:A:LEU:H	1:140:A:LEU:HG	8	0.18
(33,1042)	1:20:A:THR:HG21	1:21:A:THR:HA	14	0.18
(33,1042)	1:20:A:THR:HG22	1:21:A:THR:HA	14	0.18
(33,1042)	1:20:A:THR:HG23	1:21:A:THR:HA	14	0.18
(33,991)	1:104:A:PHE:H	1:105:A:LYS:HB2	19	0.18
(33,991)	1:104:A:PHE:H	1:105:A:LYS:HB3	19	0.18
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB1	15	0.18
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB2	15	0.18
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB3	15	0.18
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB1	15	0.18
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB2	15	0.18
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB3	15	0.18
(33,901)	1:73:A:ILE:HB	1:76:A:ARG:HA	3	0.18
(33,881)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	15	0.18
(33,881)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	15	0.18
(33,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	16	0.18
(33,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	16	0.18
(33,870)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	16	0.18
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	3	0.18
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	3	0.18
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	3	0.18
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	3	0.18
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	3	0.18
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	3	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	3	0.18
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	3	0.18
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	3	0.18
(33,817)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	14	0.18
(33,817)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	14	0.18
(33,817)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	14	0.18
(33,783)	1:11:A:ILE:HA	1:11:A:ILE:HD11	3	0.18
(33,783)	1:11:A:ILE:HA	1:11:A:ILE:HD12	3	0.18
(33,783)	1:11:A:ILE:HA	1:11:A:ILE:HD13	3	0.18
(33,782)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	6	0.18
(33,782)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	6	0.18
(33,782)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	6	0.18
(33,782)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	6	0.18
(33,782)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	6	0.18
(33,782)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	6	0.18
(33,772)	1:69:A:MET:HG3	1:73:A:ILE:HD11	3	0.18
(33,772)	1:69:A:MET:HG3	1:73:A:ILE:HD12	3	0.18
(33,772)	1:69:A:MET:HG3	1:73:A:ILE:HD13	3	0.18
(33,742)	1:105:A:LYS:HG3	1:112:A:GLN:HE22	5	0.18
(33,727)	1:46:A:ASN:HA	1:50:A:ALA:H	8	0.18
(33,670)	1:120:A:CYS:H	1:121:A:VAL:HG11	15	0.18
(33,670)	1:120:A:CYS:H	1:121:A:VAL:HG12	15	0.18
(33,670)	1:120:A:CYS:H	1:121:A:VAL:HG13	15	0.18
(33,588)	1:70:A:LYS:HB2	1:75:A:GLY:H	10	0.18
(33,588)	1:70:A:LYS:HB3	1:75:A:GLY:H	10	0.18
(33,479)	1:147:A:ARG:HG2	1:148:A:CYS:H	7	0.18
(33,479)	1:147:A:ARG:HG3	1:148:A:CYS:H	7	0.18
(33,437)	1:73:A:ILE:HB	1:76:A:ARG:H	9	0.18
(33,307)	1:65:A:CYS:H	1:69:A:MET:HE1	16	0.18
(33,307)	1:65:A:CYS:H	1:69:A:MET:HE2	16	0.18
(33,307)	1:65:A:CYS:H	1:69:A:MET:HE3	16	0.18
(33,155)	1:127:A:CYS:H	1:128:A:LEU:HB2	18	0.18
(33,35)	1:96:A:VAL:H	1:97:A:ASP:HB2	19	0.18
(33,35)	1:96:A:VAL:H	1:97:A:ASP:HB3	19	0.18
(32,2468)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	12	0.18
(32,2468)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	12	0.18
(32,2468)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	12	0.18
(32,2468)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	12	0.18
(32,2468)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	12	0.18
(32,2468)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	12	0.18
(32,2461)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	18	0.18
(32,2461)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	18	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2461)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	18	0.18
(32,2461)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	18	0.18
(32,2461)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	18	0.18
(32,2461)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	18	0.18
(32,2435)	1:134:A:VAL:HG11	1:137:A:SER:H	18	0.18
(32,2435)	1:134:A:VAL:HG12	1:137:A:SER:H	18	0.18
(32,2435)	1:134:A:VAL:HG13	1:137:A:SER:H	18	0.18
(32,2435)	1:134:A:VAL:HG21	1:137:A:SER:H	18	0.18
(32,2435)	1:134:A:VAL:HG22	1:137:A:SER:H	18	0.18
(32,2435)	1:134:A:VAL:HG23	1:137:A:SER:H	18	0.18
(32,2398)	1:126:A:GLY:H	1:129:A:LYS:HG2	2	0.18
(32,2398)	1:126:A:GLY:H	1:129:A:LYS:HG3	2	0.18
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD11	13	0.18
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD12	13	0.18
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD13	13	0.18
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD21	13	0.18
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD22	13	0.18
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD23	13	0.18
(32,2290)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	9	0.18
(32,2290)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	9	0.18
(32,2290)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	9	0.18
(32,2290)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	9	0.18
(32,2290)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	9	0.18
(32,2290)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	9	0.18
(32,2290)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	9	0.18
(32,2290)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	9	0.18
(32,2290)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	9	0.18
(32,2290)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	9	0.18
(32,2290)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	9	0.18
(32,2290)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	9	0.18
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG11	6	0.18
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG12	6	0.18
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG13	6	0.18
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG21	6	0.18
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG22	6	0.18
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG23	6	0.18
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG11	6	0.18
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG12	6	0.18
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG13	6	0.18
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG21	6	0.18
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG22	6	0.18
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG23	6	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG11	6	0.18
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG12	6	0.18
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG13	6	0.18
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG21	6	0.18
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG22	6	0.18
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG23	6	0.18
(32,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.18
(32,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.18
(32,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.18
(32,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG21	2	0.18
(32,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG22	2	0.18
(32,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG23	2	0.18
(32,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.18
(32,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.18
(32,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.18
(32,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG21	2	0.18
(32,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG22	2	0.18
(32,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG23	2	0.18
(32,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.18
(32,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.18
(32,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.18
(32,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG21	2	0.18
(32,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG22	2	0.18
(32,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG23	2	0.18
(32,2224)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.18
(32,2224)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.18
(32,2224)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.18
(32,2224)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.18
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD11	15	0.18
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD12	15	0.18
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD13	15	0.18
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD21	15	0.18
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD22	15	0.18
(32,2193)	1:60:A:LEU:HG	1:128:A:LEU:HD23	15	0.18
(32,2189)	1:59:A:CYS:HA	1:60:A:LEU:HD11	2	0.18
(32,2189)	1:59:A:CYS:HA	1:60:A:LEU:HD12	2	0.18
(32,2189)	1:59:A:CYS:HA	1:60:A:LEU:HD13	2	0.18
(32,2189)	1:59:A:CYS:HA	1:60:A:LEU:HD21	2	0.18
(32,2189)	1:59:A:CYS:HA	1:60:A:LEU:HD22	2	0.18
(32,2189)	1:59:A:CYS:HA	1:60:A:LEU:HD23	2	0.18
(32,2093)	1:39:A:VAL:HG11	1:44:A:GLU:H	10	0.18
(32,2093)	1:39:A:VAL:HG12	1:44:A:GLU:H	10	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2093)	1:39:A:VAL:HG13	1:44:A:GLU:H	10	0.18
(32,2093)	1:39:A:VAL:HG21	1:44:A:GLU:H	10	0.18
(32,2093)	1:39:A:VAL:HG22	1:44:A:GLU:H	10	0.18
(32,2093)	1:39:A:VAL:HG23	1:44:A:GLU:H	10	0.18
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD11	8	0.18
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD12	8	0.18
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD13	8	0.18
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD21	8	0.18
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD22	8	0.18
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD23	8	0.18
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD11	16	0.18
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD12	16	0.18
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD13	16	0.18
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD21	16	0.18
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD22	16	0.18
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD23	16	0.18
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD11	11	0.18
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD12	11	0.18
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD13	11	0.18
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD21	11	0.18
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD22	11	0.18
(32,2011)	1:26:A:ASP:H	1:144:A:LEU:HD23	11	0.18
(32,2007)	1:23:A:LEU:HD11	1:26:A:ASP:HA	3	0.18
(32,2007)	1:23:A:LEU:HD12	1:26:A:ASP:HA	3	0.18
(32,2007)	1:23:A:LEU:HD13	1:26:A:ASP:HA	3	0.18
(32,2007)	1:23:A:LEU:HD21	1:26:A:ASP:HA	3	0.18
(32,2007)	1:23:A:LEU:HD22	1:26:A:ASP:HA	3	0.18
(32,2007)	1:23:A:LEU:HD23	1:26:A:ASP:HA	3	0.18
(32,1990)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	6	0.18
(32,1990)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	6	0.18
(32,1990)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	6	0.18
(32,1990)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	6	0.18
(32,1990)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	6	0.18
(32,1990)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	6	0.18
(32,1990)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	6	0.18
(32,1990)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	6	0.18
(32,1990)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	6	0.18
(32,1990)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	6	0.18
(32,1990)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	6	0.18
(32,1990)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	6	0.18
(32,1952)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	11	0.18
(32,1952)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	11	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1952)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	11	0.18
(32,1952)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	11	0.18
(32,1952)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	11	0.18
(32,1952)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	11	0.18
(32,1952)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	11	0.18
(32,1952)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	11	0.18
(32,1952)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	11	0.18
(32,1952)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	11	0.18
(32,1952)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	11	0.18
(32,1952)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	11	0.18
(32,1947)	1:14:A:VAL:HB	1:131:A:LEU:HD11	7	0.18
(32,1947)	1:14:A:VAL:HB	1:131:A:LEU:HD12	7	0.18
(32,1947)	1:14:A:VAL:HB	1:131:A:LEU:HD13	7	0.18
(32,1947)	1:14:A:VAL:HB	1:131:A:LEU:HD21	7	0.18
(32,1947)	1:14:A:VAL:HB	1:131:A:LEU:HD22	7	0.18
(32,1947)	1:14:A:VAL:HB	1:131:A:LEU:HD23	7	0.18
(32,1918)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	11	0.18
(32,1918)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	11	0.18
(32,1918)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	11	0.18
(32,1918)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	11	0.18
(32,1918)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	11	0.18
(32,1918)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	11	0.18
(32,1918)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	11	0.18
(32,1918)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	11	0.18
(32,1918)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	11	0.18
(32,1918)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	11	0.18
(32,1918)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	11	0.18
(32,1918)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	11	0.18
(32,1918)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	11	0.18
(32,1918)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	11	0.18
(32,1918)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	11	0.18
(32,1918)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	11	0.18
(32,1918)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	11	0.18
(32,1918)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	11	0.18
(32,1914)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	16	0.18
(32,1914)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	16	0.18
(32,1914)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	16	0.18
(32,1914)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	16	0.18
(32,1911)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	16	0.18
(32,1911)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	16	0.18
(32,1911)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	16	0.18
(32,1911)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	16	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1866)	1:151:A:PHE:H	1:151:A:PHE:HD1	4	0.18
(32,1866)	1:151:A:PHE:H	1:151:A:PHE:HD2	4	0.18
(32,1856)	1:104:A:PHE:HZ	1:112:A:GLN:HB2	10	0.18
(32,1856)	1:104:A:PHE:HZ	1:112:A:GLN:HB3	10	0.18
(32,1818)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	2	0.18
(32,1818)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	2	0.18
(32,1815)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	13	0.18
(32,1815)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	13	0.18
(32,1815)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	13	0.18
(32,1815)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	13	0.18
(32,1815)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	13	0.18
(32,1815)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	13	0.18
(32,1770)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	10	0.18
(32,1770)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	10	0.18
(32,1770)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	10	0.18
(32,1770)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	10	0.18
(32,1770)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	10	0.18
(32,1770)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	10	0.18
(32,1762)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	17	0.18
(32,1762)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	17	0.18
(32,1762)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	17	0.18
(32,1762)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	17	0.18
(32,1757)	1:71:A:LYS:HE2	1:72:A:PHE:HD1	17	0.18
(32,1757)	1:71:A:LYS:HE2	1:72:A:PHE:HD2	17	0.18
(32,1757)	1:71:A:LYS:HE3	1:72:A:PHE:HD1	17	0.18
(32,1757)	1:71:A:LYS:HE3	1:72:A:PHE:HD2	17	0.18
(32,1741)	1:58:A:ILE:HG21	1:62:A:HIS:HE1	12	0.18
(32,1741)	1:58:A:ILE:HG22	1:62:A:HIS:HE1	12	0.18
(32,1741)	1:58:A:ILE:HG23	1:62:A:HIS:HE1	12	0.18
(32,1741)	1:58:A:ILE:HG21	1:62:A:HIS:HE1	17	0.18
(32,1741)	1:58:A:ILE:HG22	1:62:A:HIS:HE1	17	0.18
(32,1741)	1:58:A:ILE:HG23	1:62:A:HIS:HE1	17	0.18
(32,1734)	1:101:A:ILE:HG21	1:102:A:PRO:HA	19	0.18
(32,1734)	1:101:A:ILE:HG22	1:102:A:PRO:HA	19	0.18
(32,1734)	1:101:A:ILE:HG23	1:102:A:PRO:HA	19	0.18
(32,1730)	1:65:A:CYS:HB2	1:69:A:MET:HE1	1	0.18
(32,1730)	1:65:A:CYS:HB2	1:69:A:MET:HE2	1	0.18
(32,1730)	1:65:A:CYS:HB2	1:69:A:MET:HE3	1	0.18
(32,1682)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.18
(32,1682)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.18
(32,1682)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.18
(32,1682)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1682)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.18
(32,1682)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.18
(32,1658)	1:34:A:LYS:HA	1:35:A:LEU:HB3	13	0.18
(32,1653)	1:43:A:MET:HE1	1:131:A:LEU:HA	6	0.18
(32,1653)	1:43:A:MET:HE2	1:131:A:LEU:HA	6	0.18
(32,1653)	1:43:A:MET:HE3	1:131:A:LEU:HA	6	0.18
(32,1613)	1:69:A:MET:HE1	1:112:A:GLN:H	10	0.18
(32,1613)	1:69:A:MET:HE2	1:112:A:GLN:H	10	0.18
(32,1613)	1:69:A:MET:HE3	1:112:A:GLN:H	10	0.18
(32,1612)	1:46:A:ASN:HB3	1:134:A:VAL:HG21	4	0.18
(32,1612)	1:46:A:ASN:HB3	1:134:A:VAL:HG22	4	0.18
(32,1612)	1:46:A:ASN:HB3	1:134:A:VAL:HG23	4	0.18
(32,1539)	1:62:A:HIS:H	1:63:A:ILE:HD11	17	0.18
(32,1539)	1:62:A:HIS:H	1:63:A:ILE:HD12	17	0.18
(32,1539)	1:62:A:HIS:H	1:63:A:ILE:HD13	17	0.18
(32,1481)	1:110:A:MET:HE1	1:113:A:PHE:HE1	15	0.18
(32,1481)	1:110:A:MET:HE1	1:113:A:PHE:HE2	15	0.18
(32,1481)	1:110:A:MET:HE2	1:113:A:PHE:HE1	15	0.18
(32,1481)	1:110:A:MET:HE2	1:113:A:PHE:HE2	15	0.18
(32,1481)	1:110:A:MET:HE3	1:113:A:PHE:HE1	15	0.18
(32,1481)	1:110:A:MET:HE3	1:113:A:PHE:HE2	15	0.18
(32,1477)	1:65:A:CYS:H	1:69:A:MET:HE1	16	0.18
(32,1477)	1:65:A:CYS:H	1:69:A:MET:HE2	16	0.18
(32,1477)	1:65:A:CYS:H	1:69:A:MET:HE3	16	0.18
(32,1421)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	12	0.18
(32,1421)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	12	0.18
(32,1421)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	12	0.18
(32,1369)	1:132:A:ALA:HB1	1:133:A:ASN:HD22	17	0.18
(32,1369)	1:132:A:ALA:HB2	1:133:A:ASN:HD22	17	0.18
(32,1369)	1:132:A:ALA:HB3	1:133:A:ASN:HD22	17	0.18
(32,1362)	1:9:A:PHE:HE1	1:11:A:ILE:HG21	2	0.18
(32,1362)	1:9:A:PHE:HE1	1:11:A:ILE:HG22	2	0.18
(32,1362)	1:9:A:PHE:HE1	1:11:A:ILE:HG23	2	0.18
(32,1362)	1:9:A:PHE:HE2	1:11:A:ILE:HG21	2	0.18
(32,1362)	1:9:A:PHE:HE2	1:11:A:ILE:HG22	2	0.18
(32,1362)	1:9:A:PHE:HE2	1:11:A:ILE:HG23	2	0.18
(32,1329)	1:39:A:VAL:HG11	1:41:A:LYS:H	7	0.18
(32,1329)	1:39:A:VAL:HG12	1:41:A:LYS:H	7	0.18
(32,1329)	1:39:A:VAL:HG13	1:41:A:LYS:H	7	0.18
(32,1314)	1:125:A:THR:HG21	1:128:A:LEU:HB2	7	0.18
(32,1314)	1:125:A:THR:HG22	1:128:A:LEU:HB2	7	0.18
(32,1314)	1:125:A:THR:HG23	1:128:A:LEU:HB2	7	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1292)	1:123:A:CYS:HB2	1:128:A:LEU:HD11	11	0.18
(32,1292)	1:123:A:CYS:HB2	1:128:A:LEU:HD12	11	0.18
(32,1292)	1:123:A:CYS:HB2	1:128:A:LEU:HD13	11	0.18
(32,1263)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	14	0.18
(32,1263)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	14	0.18
(32,1263)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	14	0.18
(32,1224)	1:23:A:LEU:HD11	1:24:A:ASP:H	18	0.18
(32,1224)	1:23:A:LEU:HD12	1:24:A:ASP:H	18	0.18
(32,1224)	1:23:A:LEU:HD13	1:24:A:ASP:H	18	0.18
(32,1165)	1:41:A:LYS:H	1:41:A:LYS:HG3	5	0.18
(32,1038)	1:140:A:LEU:H	1:140:A:LEU:HG	8	0.18
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD11	1	0.18
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD12	1	0.18
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD13	1	0.18
(32,987)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	5	0.18
(32,987)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	5	0.18
(32,987)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	5	0.18
(32,987)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	5	0.18
(32,910)	1:69:A:MET:HG2	1:109:A:PRO:HA	18	0.18
(32,900)	1:81:A:GLU:HA	1:81:A:GLU:HG2	17	0.18
(32,900)	1:81:A:GLU:HA	1:81:A:GLU:HG3	17	0.18
(32,900)	1:81:A:GLU:HA	1:81:A:GLU:HG2	18	0.18
(32,900)	1:81:A:GLU:HA	1:81:A:GLU:HG3	18	0.18
(32,840)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	10	0.18
(32,795)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	14	0.18
(32,795)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	14	0.18
(32,795)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	14	0.18
(32,785)	1:65:A:CYS:HB3	1:69:A:MET:HE1	8	0.18
(32,785)	1:65:A:CYS:HB3	1:69:A:MET:HE2	8	0.18
(32,785)	1:65:A:CYS:HB3	1:69:A:MET:HE3	8	0.18
(32,711)	1:50:A:ALA:H	1:130:A:GLY:HA3	9	0.18
(32,517)	1:71:A:LYS:HG3	1:72:A:PHE:H	1	0.18
(32,436)	1:142:A:LYS:H	1:143:A:TRP:HB2	12	0.18
(32,427)	1:73:A:ILE:HB	1:76:A:ARG:H	9	0.18
(32,350)	1:23:A:LEU:HB2	1:26:A:ASP:H	2	0.18
(32,350)	1:23:A:LEU:HB3	1:26:A:ASP:H	2	0.18
(32,265)	1:112:A:GLN:H	1:112:A:GLN:HE21	18	0.18
(32,243)	1:57:A:LEU:HD21	1:58:A:ILE:H	14	0.18
(32,243)	1:57:A:LEU:HD22	1:58:A:ILE:H	14	0.18
(32,243)	1:57:A:LEU:HD23	1:58:A:ILE:H	14	0.18
(32,243)	1:57:A:LEU:HD21	1:58:A:ILE:H	15	0.18
(32,243)	1:57:A:LEU:HD22	1:58:A:ILE:H	15	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,243)	1:57:A:LEU:HD23	1:58:A:ILE:H	15	0.18
(32,224)	1:10:A:ASN:H	1:13:A:ALA:HB1	18	0.18
(32,224)	1:10:A:ASN:H	1:13:A:ALA:HB2	18	0.18
(32,224)	1:10:A:ASN:H	1:13:A:ALA:HB3	18	0.18
(32,152)	1:127:A:CYS:H	1:128:A:LEU:HB2	18	0.18
(32,121)	1:48:A:ARG:HD2	1:49:A:LYS:H	14	0.18
(32,121)	1:48:A:ARG:HD3	1:49:A:LYS:H	14	0.18
(32,105)	1:69:A:MET:H	1:73:A:ILE:HD11	10	0.18
(32,105)	1:69:A:MET:H	1:73:A:ILE:HD12	10	0.18
(32,105)	1:69:A:MET:H	1:73:A:ILE:HD13	10	0.18
(32,74)	1:28:A:GLY:HA2	1:30:A:LEU:H	18	0.18
(32,74)	1:28:A:GLY:HA3	1:30:A:LEU:H	18	0.18
(32,64)	1:13:A:ALA:HB1	1:81:A:GLU:H	8	0.18
(32,64)	1:13:A:ALA:HB2	1:81:A:GLU:H	8	0.18
(32,64)	1:13:A:ALA:HB3	1:81:A:GLU:H	8	0.18
(32,31)	1:96:A:VAL:H	1:97:A:ASP:HB2	19	0.18
(32,31)	1:96:A:VAL:H	1:97:A:ASP:HB3	19	0.18
(30,2458)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	1	0.18
(30,2458)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	1	0.18
(30,2458)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	1	0.18
(30,2458)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	1	0.18
(30,2458)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	1	0.18
(30,2458)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	1	0.18
(30,2458)	1:140:A:LEU:HD11	1:144:A:LEU:HB3	1	0.18
(30,2458)	1:140:A:LEU:HD12	1:144:A:LEU:HB3	1	0.18
(30,2458)	1:140:A:LEU:HD13	1:144:A:LEU:HB3	1	0.18
(30,2458)	1:140:A:LEU:HD21	1:144:A:LEU:HB3	1	0.18
(30,2458)	1:140:A:LEU:HD22	1:144:A:LEU:HB3	1	0.18
(30,2458)	1:140:A:LEU:HD23	1:144:A:LEU:HB3	1	0.18
(30,2449)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	18	0.18
(30,2449)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	18	0.18
(30,2449)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	18	0.18
(30,2449)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	18	0.18
(30,2449)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	18	0.18
(30,2449)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	18	0.18
(30,2370)	1:115:A:ALA:H	1:116:A:GLN:HE21	9	0.18
(30,2370)	1:115:A:ALA:H	1:116:A:GLN:HE22	9	0.18
(30,2345)	1:107:A:LEU:HD11	1:112:A:GLN:H	14	0.18
(30,2345)	1:107:A:LEU:HD12	1:112:A:GLN:H	14	0.18
(30,2345)	1:107:A:LEU:HD13	1:112:A:GLN:H	14	0.18
(30,2345)	1:107:A:LEU:HD21	1:112:A:GLN:H	14	0.18
(30,2345)	1:107:A:LEU:HD22	1:112:A:GLN:H	14	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2345)	1:107:A:LEU:HD23	1:112:A:GLN:H	14	0.18
(30,2342)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	8	0.18
(30,2342)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	8	0.18
(30,2342)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	8	0.18
(30,2342)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	8	0.18
(30,2342)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	8	0.18
(30,2342)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	8	0.18
(30,2342)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	8	0.18
(30,2342)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	8	0.18
(30,2342)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	8	0.18
(30,2342)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	8	0.18
(30,2342)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	8	0.18
(30,2342)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	8	0.18
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	15	0.18
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	15	0.18
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	15	0.18
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	15	0.18
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	15	0.18
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	15	0.18
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	15	0.18
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	15	0.18
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	15	0.18
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	15	0.18
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	15	0.18
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	15	0.18
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	15	0.18
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	15	0.18
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	15	0.18
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	15	0.18
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	15	0.18
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	15	0.18
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	17	0.18
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	17	0.18
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	17	0.18
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	17	0.18
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	17	0.18
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	17	0.18
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	17	0.18
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	17	0.18
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	17	0.18
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	17	0.18
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	17	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	17	0.18
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	17	0.18
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	17	0.18
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	17	0.18
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	17	0.18
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	17	0.18
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	17	0.18
(30,2297)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	12	0.18
(30,2297)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	12	0.18
(30,2297)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	12	0.18
(30,2297)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	12	0.18
(30,2297)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	12	0.18
(30,2297)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	12	0.18
(30,2297)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	12	0.18
(30,2297)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	12	0.18
(30,2297)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	12	0.18
(30,2297)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	12	0.18
(30,2297)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	12	0.18
(30,2297)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	12	0.18
(30,2297)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	12	0.18
(30,2297)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	12	0.18
(30,2297)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	12	0.18
(30,2297)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	12	0.18
(30,2297)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	12	0.18
(30,2297)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	12	0.18
(30,2276)	1:75:A:GLY:H	1:77:A:CYS:HB2	9	0.18
(30,2276)	1:75:A:GLY:H	1:77:A:CYS:HB3	9	0.18
(30,2229)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.18
(30,2229)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.18
(30,2229)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.18
(30,2229)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.18
(30,2210)	1:57:A:LEU:HD11	1:60:A:LEU:HG	1	0.18
(30,2210)	1:57:A:LEU:HD12	1:60:A:LEU:HG	1	0.18
(30,2210)	1:57:A:LEU:HD13	1:60:A:LEU:HG	1	0.18
(30,2210)	1:57:A:LEU:HD21	1:60:A:LEU:HG	1	0.18
(30,2210)	1:57:A:LEU:HD22	1:60:A:LEU:HG	1	0.18
(30,2210)	1:57:A:LEU:HD23	1:60:A:LEU:HG	1	0.18
(30,2141)	1:40:A:LEU:HD11	1:41:A:LYS:H	17	0.18
(30,2141)	1:40:A:LEU:HD12	1:41:A:LYS:H	17	0.18
(30,2141)	1:40:A:LEU:HD13	1:41:A:LYS:H	17	0.18
(30,2141)	1:40:A:LEU:HD21	1:41:A:LYS:H	17	0.18
(30,2141)	1:40:A:LEU:HD22	1:41:A:LYS:H	17	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2141)	1:40:A:LEU:HD23	1:41:A:LYS:H	17	0.18
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD11	17	0.18
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD12	17	0.18
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD13	17	0.18
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD21	17	0.18
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD22	17	0.18
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD23	17	0.18
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD11	17	0.18
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD12	17	0.18
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD13	17	0.18
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD21	17	0.18
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD22	17	0.18
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD23	17	0.18
(30,2044)	1:27:A:ARG:HB2	1:29:A:LYS:H	6	0.18
(30,2044)	1:27:A:ARG:HB3	1:29:A:LYS:H	6	0.18
(30,2001)	1:15:A:ALA:H	1:131:A:LEU:HD11	8	0.18
(30,2001)	1:15:A:ALA:H	1:131:A:LEU:HD12	8	0.18
(30,2001)	1:15:A:ALA:H	1:131:A:LEU:HD13	8	0.18
(30,2001)	1:15:A:ALA:H	1:131:A:LEU:HD21	8	0.18
(30,2001)	1:15:A:ALA:H	1:131:A:LEU:HD22	8	0.18
(30,2001)	1:15:A:ALA:H	1:131:A:LEU:HD23	8	0.18
(30,1985)	1:14:A:VAL:HB	1:131:A:LEU:HD11	7	0.18
(30,1985)	1:14:A:VAL:HB	1:131:A:LEU:HD12	7	0.18
(30,1985)	1:14:A:VAL:HB	1:131:A:LEU:HD13	7	0.18
(30,1985)	1:14:A:VAL:HB	1:131:A:LEU:HD21	7	0.18
(30,1985)	1:14:A:VAL:HB	1:131:A:LEU:HD22	7	0.18
(30,1985)	1:14:A:VAL:HB	1:131:A:LEU:HD23	7	0.18
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD11	17	0.18
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD12	17	0.18
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD13	17	0.18
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD21	17	0.18
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD22	17	0.18
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD23	17	0.18
(30,1927)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	10	0.18
(30,1927)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	10	0.18
(30,1927)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	10	0.18
(30,1927)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	10	0.18
(30,1927)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	10	0.18
(30,1927)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	10	0.18
(30,1911)	1:13:A:ALA:H	1:80:A:TYR:HE1	13	0.18
(30,1911)	1:13:A:ALA:H	1:80:A:TYR:HE2	13	0.18
(30,1891)	1:104:A:PHE:HZ	1:112:A:GLN:HB2	10	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1891)	1:104:A:PHE:HZ	1:112:A:GLN:HB3	10	0.18
(30,1857)	1:9:A:PHE:HZ	1:11:A:ILE:HA	3	0.18
(30,1855)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	19	0.18
(30,1855)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	19	0.18
(30,1847)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	13	0.18
(30,1847)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	13	0.18
(30,1847)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	13	0.18
(30,1847)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	13	0.18
(30,1847)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	13	0.18
(30,1847)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	13	0.18
(30,1826)	1:9:A:PHE:HZ	1:54:A:ARG:HA	14	0.18
(30,1814)	1:97:A:ASP:HA	1:104:A:PHE:HD1	3	0.18
(30,1814)	1:97:A:ASP:HA	1:104:A:PHE:HD2	3	0.18
(30,1809)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	10	0.18
(30,1809)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	10	0.18
(30,1809)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	10	0.18
(30,1809)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	10	0.18
(30,1809)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	10	0.18
(30,1809)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	10	0.18
(30,1800)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	17	0.18
(30,1800)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	17	0.18
(30,1800)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	17	0.18
(30,1800)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	17	0.18
(30,1781)	1:58:A:ILE:HG21	1:62:A:HIS:HE1	12	0.18
(30,1781)	1:58:A:ILE:HG22	1:62:A:HIS:HE1	12	0.18
(30,1781)	1:58:A:ILE:HG23	1:62:A:HIS:HE1	12	0.18
(30,1781)	1:58:A:ILE:HG21	1:62:A:HIS:HE1	17	0.18
(30,1781)	1:58:A:ILE:HG22	1:62:A:HIS:HE1	17	0.18
(30,1781)	1:58:A:ILE:HG23	1:62:A:HIS:HE1	17	0.18
(30,1726)	1:13:A:ALA:HA	1:79:A:THR:HG21	10	0.18
(30,1726)	1:13:A:ALA:HA	1:79:A:THR:HG22	10	0.18
(30,1726)	1:13:A:ALA:HA	1:79:A:THR:HG23	10	0.18
(30,1659)	1:69:A:MET:HE1	1:112:A:GLN:H	10	0.18
(30,1659)	1:69:A:MET:HE2	1:112:A:GLN:H	10	0.18
(30,1659)	1:69:A:MET:HE3	1:112:A:GLN:H	10	0.18
(30,1601)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	14	0.18
(30,1601)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	14	0.18
(30,1601)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	14	0.18
(30,1585)	1:97:A:ASP:H	1:98:A:ILE:HD11	19	0.18
(30,1585)	1:97:A:ASP:H	1:98:A:ILE:HD12	19	0.18
(30,1585)	1:97:A:ASP:H	1:98:A:ILE:HD13	19	0.18
(30,1580)	1:62:A:HIS:H	1:63:A:ILE:HD11	17	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1580)	1:62:A:HIS:H	1:63:A:ILE:HD12	17	0.18
(30,1580)	1:62:A:HIS:H	1:63:A:ILE:HD13	17	0.18
(30,1541)	1:63:A:ILE:HG21	1:69:A:MET:HE1	8	0.18
(30,1541)	1:63:A:ILE:HG21	1:69:A:MET:HE2	8	0.18
(30,1541)	1:63:A:ILE:HG21	1:69:A:MET:HE3	8	0.18
(30,1541)	1:63:A:ILE:HG22	1:69:A:MET:HE1	8	0.18
(30,1541)	1:63:A:ILE:HG22	1:69:A:MET:HE2	8	0.18
(30,1541)	1:63:A:ILE:HG22	1:69:A:MET:HE3	8	0.18
(30,1541)	1:63:A:ILE:HG23	1:69:A:MET:HE1	8	0.18
(30,1541)	1:63:A:ILE:HG23	1:69:A:MET:HE2	8	0.18
(30,1541)	1:63:A:ILE:HG23	1:69:A:MET:HE3	8	0.18
(30,1539)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	13	0.18
(30,1539)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	13	0.18
(30,1539)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	13	0.18
(30,1539)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	13	0.18
(30,1539)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	13	0.18
(30,1539)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	13	0.18
(30,1524)	1:69:A:MET:HE1	1:113:A:PHE:HB3	5	0.18
(30,1524)	1:69:A:MET:HE2	1:113:A:PHE:HB3	5	0.18
(30,1524)	1:69:A:MET:HE3	1:113:A:PHE:HB3	5	0.18
(30,1515)	1:65:A:CYS:H	1:69:A:MET:HE1	16	0.18
(30,1515)	1:65:A:CYS:H	1:69:A:MET:HE2	16	0.18
(30,1515)	1:65:A:CYS:H	1:69:A:MET:HE3	16	0.18
(30,1409)	1:100:A:ALA:HB1	1:119:A:LEU:HD11	6	0.18
(30,1409)	1:100:A:ALA:HB1	1:119:A:LEU:HD12	6	0.18
(30,1409)	1:100:A:ALA:HB1	1:119:A:LEU:HD13	6	0.18
(30,1409)	1:100:A:ALA:HB2	1:119:A:LEU:HD11	6	0.18
(30,1409)	1:100:A:ALA:HB2	1:119:A:LEU:HD12	6	0.18
(30,1409)	1:100:A:ALA:HB2	1:119:A:LEU:HD13	6	0.18
(30,1409)	1:100:A:ALA:HB3	1:119:A:LEU:HD11	6	0.18
(30,1409)	1:100:A:ALA:HB3	1:119:A:LEU:HD12	6	0.18
(30,1409)	1:100:A:ALA:HB3	1:119:A:LEU:HD13	6	0.18
(30,1340)	1:125:A:THR:HG21	1:128:A:LEU:HB2	7	0.18
(30,1340)	1:125:A:THR:HG22	1:128:A:LEU:HB2	7	0.18
(30,1340)	1:125:A:THR:HG23	1:128:A:LEU:HB2	7	0.18
(30,1306)	1:66:A:THR:HG21	1:96:A:VAL:HG11	6	0.18
(30,1306)	1:66:A:THR:HG21	1:96:A:VAL:HG12	6	0.18
(30,1306)	1:66:A:THR:HG21	1:96:A:VAL:HG13	6	0.18
(30,1306)	1:66:A:THR:HG22	1:96:A:VAL:HG11	6	0.18
(30,1306)	1:66:A:THR:HG22	1:96:A:VAL:HG12	6	0.18
(30,1306)	1:66:A:THR:HG22	1:96:A:VAL:HG13	6	0.18
(30,1306)	1:66:A:THR:HG23	1:96:A:VAL:HG11	6	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1306)	1:66:A:THR:HG23	1:96:A:VAL:HG12	6	0.18
(30,1306)	1:66:A:THR:HG23	1:96:A:VAL:HG13	6	0.18
(30,1245)	1:37:A:LEU:HD11	1:38:A:GLU:HA	16	0.18
(30,1245)	1:37:A:LEU:HD12	1:38:A:GLU:HA	16	0.18
(30,1245)	1:37:A:LEU:HD13	1:38:A:GLU:HA	16	0.18
(30,1215)	1:110:A:MET:HA	1:113:A:PHE:HB2	13	0.18
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD11	11	0.18
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD12	11	0.18
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD13	11	0.18
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD11	13	0.18
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD12	13	0.18
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD13	13	0.18
(30,1153)	1:13:A:ALA:HB1	1:80:A:TYR:HA	5	0.18
(30,1153)	1:13:A:ALA:HB2	1:80:A:TYR:HA	5	0.18
(30,1153)	1:13:A:ALA:HB3	1:80:A:TYR:HA	5	0.18
(30,1143)	1:78:A:HIS:HA	1:79:A:THR:HB	17	0.18
(30,1007)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	5	0.18
(30,1007)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	5	0.18
(30,1007)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	5	0.18
(30,1007)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	5	0.18
(30,934)	1:69:A:MET:HG2	1:109:A:PRO:HA	18	0.18
(30,919)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	1	0.18
(30,919)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	1	0.18
(30,919)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	1	0.18
(30,919)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	1	0.18
(30,919)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	1	0.18
(30,919)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	1	0.18
(30,854)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	10	0.18
(30,809)	1:98:A:ILE:HD11	1:104:A:PHE:HD1	10	0.18
(30,809)	1:98:A:ILE:HD11	1:104:A:PHE:HD2	10	0.18
(30,809)	1:98:A:ILE:HD12	1:104:A:PHE:HD1	10	0.18
(30,809)	1:98:A:ILE:HD12	1:104:A:PHE:HD2	10	0.18
(30,809)	1:98:A:ILE:HD13	1:104:A:PHE:HD1	10	0.18
(30,809)	1:98:A:ILE:HD13	1:104:A:PHE:HD2	10	0.18
(30,774)	1:101:A:ILE:HD11	1:119:A:LEU:HG	8	0.18
(30,774)	1:101:A:ILE:HD12	1:119:A:LEU:HG	8	0.18
(30,774)	1:101:A:ILE:HD13	1:119:A:LEU:HG	8	0.18
(30,763)	1:73:A:ILE:HD11	1:113:A:PHE:HD1	8	0.18
(30,763)	1:73:A:ILE:HD11	1:113:A:PHE:HD2	8	0.18
(30,763)	1:73:A:ILE:HD12	1:113:A:PHE:HD1	8	0.18
(30,763)	1:73:A:ILE:HD12	1:113:A:PHE:HD2	8	0.18
(30,763)	1:73:A:ILE:HD13	1:113:A:PHE:HD1	8	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,763)	1:73:A:ILE:HD13	1:113:A:PHE:HD2	8	0.18
(30,755)	1:37:A:LEU:H	1:40:A:LEU:HB3	16	0.18
(30,725)	1:46:A:ASN:HA	1:50:A:ALA:H	8	0.18
(30,723)	1:50:A:ALA:H	1:130:A:GLY:HA3	9	0.18
(30,721)	1:73:A:ILE:HG21	1:76:A:ARG:HE	18	0.18
(30,721)	1:73:A:ILE:HG22	1:76:A:ARG:HE	18	0.18
(30,721)	1:73:A:ILE:HG23	1:76:A:ARG:HE	18	0.18
(30,628)	1:9:A:PHE:HE1	1:58:A:ILE:H	14	0.18
(30,628)	1:9:A:PHE:HE2	1:58:A:ILE:H	14	0.18
(30,561)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	3	0.18
(30,552)	1:73:A:ILE:HD11	1:110:A:MET:H	14	0.18
(30,552)	1:73:A:ILE:HD12	1:110:A:MET:H	14	0.18
(30,552)	1:73:A:ILE:HD13	1:110:A:MET:H	14	0.18
(30,443)	1:73:A:ILE:HB	1:76:A:ARG:H	9	0.18
(30,318)	1:136:A:CYS:HA	1:140:A:LEU:H	8	0.18
(30,259)	1:27:A:ARG:HA	1:29:A:LYS:H	2	0.18
(30,259)	1:27:A:ARG:HA	1:29:A:LYS:H	12	0.18
(30,246)	1:23:A:LEU:HD11	1:24:A:ASP:H	1	0.18
(30,246)	1:23:A:LEU:HD12	1:24:A:ASP:H	1	0.18
(30,246)	1:23:A:LEU:HD13	1:24:A:ASP:H	1	0.18
(30,235)	1:10:A:ASN:H	1:13:A:ALA:HB1	18	0.18
(30,235)	1:10:A:ASN:H	1:13:A:ALA:HB2	18	0.18
(30,235)	1:10:A:ASN:H	1:13:A:ALA:HB3	18	0.18
(30,204)	1:101:A:ILE:H	1:101:A:ILE:HB	16	0.18
(30,158)	1:127:A:CYS:H	1:128:A:LEU:HB2	18	0.18
(30,134)	1:12:A:VAL:H	1:13:A:ALA:HB1	1	0.18
(30,134)	1:12:A:VAL:H	1:13:A:ALA:HB2	1	0.18
(30,134)	1:12:A:VAL:H	1:13:A:ALA:HB3	1	0.18
(30,125)	1:48:A:ARG:HD2	1:49:A:LYS:H	14	0.18
(30,125)	1:48:A:ARG:HD3	1:49:A:LYS:H	14	0.18
(30,110)	1:69:A:MET:H	1:73:A:ILE:HD11	10	0.18
(30,110)	1:69:A:MET:H	1:73:A:ILE:HD12	10	0.18
(30,110)	1:69:A:MET:H	1:73:A:ILE:HD13	10	0.18
(30,68)	1:13:A:ALA:HB1	1:81:A:GLU:H	8	0.18
(30,68)	1:13:A:ALA:HB2	1:81:A:GLU:H	8	0.18
(30,68)	1:13:A:ALA:HB3	1:81:A:GLU:H	8	0.18
(30,64)	1:80:A:TYR:HB3	1:81:A:GLU:H	14	0.18
(30,64)	1:80:A:TYR:HB2	1:81:A:GLU:H	14	0.18
(30,32)	1:96:A:VAL:H	1:97:A:ASP:HB2	19	0.18
(30,32)	1:96:A:VAL:H	1:97:A:ASP:HB3	19	0.18
(29,2421)	1:140:A:LEU:HD11	1:143:A:TRP:H	10	0.18
(29,2421)	1:140:A:LEU:HD12	1:143:A:TRP:H	10	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2421)	1:140:A:LEU:HD13	1:143:A:TRP:H	10	0.18
(29,2421)	1:140:A:LEU:HD21	1:143:A:TRP:H	10	0.18
(29,2421)	1:140:A:LEU:HD22	1:143:A:TRP:H	10	0.18
(29,2421)	1:140:A:LEU:HD23	1:143:A:TRP:H	10	0.18
(29,2341)	1:116:A:GLN:H	1:117:A:VAL:HG11	3	0.18
(29,2341)	1:116:A:GLN:H	1:117:A:VAL:HG12	3	0.18
(29,2341)	1:116:A:GLN:H	1:117:A:VAL:HG13	3	0.18
(29,2341)	1:116:A:GLN:H	1:117:A:VAL:HG21	3	0.18
(29,2341)	1:116:A:GLN:H	1:117:A:VAL:HG22	3	0.18
(29,2341)	1:116:A:GLN:H	1:117:A:VAL:HG23	3	0.18
(29,2341)	1:116:A:GLN:H	1:117:A:VAL:HG11	17	0.18
(29,2341)	1:116:A:GLN:H	1:117:A:VAL:HG12	17	0.18
(29,2341)	1:116:A:GLN:H	1:117:A:VAL:HG13	17	0.18
(29,2341)	1:116:A:GLN:H	1:117:A:VAL:HG21	17	0.18
(29,2341)	1:116:A:GLN:H	1:117:A:VAL:HG22	17	0.18
(29,2341)	1:116:A:GLN:H	1:117:A:VAL:HG23	17	0.18
(29,2312)	1:107:A:LEU:HA	1:108:A:GLU:HG2	1	0.18
(29,2312)	1:107:A:LEU:HA	1:108:A:GLU:HG3	1	0.18
(29,2312)	1:107:A:LEU:HA	1:108:A:GLU:HG2	3	0.18
(29,2312)	1:107:A:LEU:HA	1:108:A:GLU:HG3	3	0.18
(29,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	9	0.18
(29,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	9	0.18
(29,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	9	0.18
(29,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	9	0.18
(29,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	9	0.18
(29,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	9	0.18
(29,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	9	0.18
(29,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	9	0.18
(29,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	9	0.18
(29,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	9	0.18
(29,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	9	0.18
(29,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	9	0.18
(29,2224)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.18
(29,2224)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.18
(29,2224)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.18
(29,2224)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.18
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	14	0.18
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	14	0.18
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	14	0.18
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	14	0.18
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	14	0.18
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	14	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	14	0.18
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	14	0.18
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	14	0.18
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	14	0.18
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	14	0.18
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	14	0.18
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	3	0.18
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	3	0.18
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	3	0.18
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	3	0.18
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	3	0.18
(29,2161)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	3	0.18
(29,2135)	1:40:A:LEU:HA	1:40:A:LEU:HD11	7	0.18
(29,2135)	1:40:A:LEU:HA	1:40:A:LEU:HD12	7	0.18
(29,2135)	1:40:A:LEU:HA	1:40:A:LEU:HD13	7	0.18
(29,2135)	1:40:A:LEU:HA	1:40:A:LEU:HD21	7	0.18
(29,2135)	1:40:A:LEU:HA	1:40:A:LEU:HD22	7	0.18
(29,2135)	1:40:A:LEU:HA	1:40:A:LEU:HD23	7	0.18
(29,2114)	1:39:A:VAL:HA	1:139:A:LEU:HD11	4	0.18
(29,2114)	1:39:A:VAL:HA	1:139:A:LEU:HD12	4	0.18
(29,2114)	1:39:A:VAL:HA	1:139:A:LEU:HD13	4	0.18
(29,2114)	1:39:A:VAL:HA	1:139:A:LEU:HD21	4	0.18
(29,2114)	1:39:A:VAL:HA	1:139:A:LEU:HD22	4	0.18
(29,2114)	1:39:A:VAL:HA	1:139:A:LEU:HD23	4	0.18
(29,2093)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	9	0.18
(29,2093)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	9	0.18
(29,2093)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	9	0.18
(29,2093)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	9	0.18
(29,2093)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	9	0.18
(29,2093)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	9	0.18
(29,2016)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	2	0.18
(29,2016)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	2	0.18
(29,2016)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	2	0.18
(29,2016)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	2	0.18
(29,2016)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	2	0.18
(29,2016)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	2	0.18
(29,2006)	1:14:A:VAL:HB	1:131:A:LEU:HD11	7	0.18
(29,2006)	1:14:A:VAL:HB	1:131:A:LEU:HD12	7	0.18
(29,2006)	1:14:A:VAL:HB	1:131:A:LEU:HD13	7	0.18
(29,2006)	1:14:A:VAL:HB	1:131:A:LEU:HD21	7	0.18
(29,2006)	1:14:A:VAL:HB	1:131:A:LEU:HD22	7	0.18
(29,2006)	1:14:A:VAL:HB	1:131:A:LEU:HD23	7	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1908)	1:104:A:PHE:HZ	1:112:A:GLN:HB2	10	0.18
(29,1908)	1:104:A:PHE:HZ	1:112:A:GLN:HB3	10	0.18
(29,1884)	1:9:A:PHE:HE1	1:58:A:ILE:HG12	13	0.18
(29,1884)	1:9:A:PHE:HE2	1:58:A:ILE:HG12	13	0.18
(29,1878)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	18	0.18
(29,1878)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	18	0.18
(29,1871)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	2	0.18
(29,1871)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	2	0.18
(29,1868)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	13	0.18
(29,1868)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	13	0.18
(29,1868)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	13	0.18
(29,1868)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	13	0.18
(29,1868)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	13	0.18
(29,1868)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	13	0.18
(29,1860)	1:59:A:CYS:HA	1:62:A:HIS:HD2	4	0.18
(29,1854)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	14	0.18
(29,1854)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	14	0.18
(29,1854)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	14	0.18
(29,1838)	1:9:A:PHE:HZ	1:54:A:ARG:HE	12	0.18
(29,1832)	1:97:A:ASP:HA	1:104:A:PHE:HD1	3	0.18
(29,1832)	1:97:A:ASP:HA	1:104:A:PHE:HD2	3	0.18
(29,1797)	1:9:A:PHE:HZ	1:54:A:ARG:HA	14	0.18
(29,1794)	1:101:A:ILE:HG21	1:102:A:PRO:HA	19	0.18
(29,1794)	1:101:A:ILE:HG22	1:102:A:PRO:HA	19	0.18
(29,1794)	1:101:A:ILE:HG23	1:102:A:PRO:HA	19	0.18
(29,1790)	1:65:A:CYS:HB2	1:69:A:MET:HE1	1	0.18
(29,1790)	1:65:A:CYS:HB2	1:69:A:MET:HE2	1	0.18
(29,1790)	1:65:A:CYS:HB2	1:69:A:MET:HE3	1	0.18
(29,1745)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.18
(29,1745)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.18
(29,1745)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.18
(29,1745)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.18
(29,1745)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.18
(29,1745)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.18
(29,1729)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	13	0.18
(29,1722)	1:34:A:LYS:HA	1:35:A:LEU:HB3	13	0.18
(29,1624)	1:105:A:LYS:H	1:107:A:LEU:HD21	8	0.18
(29,1624)	1:105:A:LYS:H	1:107:A:LEU:HD22	8	0.18
(29,1624)	1:105:A:LYS:H	1:107:A:LEU:HD23	8	0.18
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	8	0.18
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	8	0.18
(29,1609)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	8	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	8	0.18
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	8	0.18
(29,1609)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	8	0.18
(29,1596)	1:97:A:ASP:H	1:98:A:ILE:HD11	19	0.18
(29,1596)	1:97:A:ASP:H	1:98:A:ILE:HD12	19	0.18
(29,1596)	1:97:A:ASP:H	1:98:A:ILE:HD13	19	0.18
(29,1591)	1:62:A:HIS:H	1:63:A:ILE:HD11	17	0.18
(29,1591)	1:62:A:HIS:H	1:63:A:ILE:HD12	17	0.18
(29,1591)	1:62:A:HIS:H	1:63:A:ILE:HD13	17	0.18
(29,1572)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	19	0.18
(29,1572)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	19	0.18
(29,1572)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	19	0.18
(29,1572)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	19	0.18
(29,1572)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	19	0.18
(29,1572)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	19	0.18
(29,1555)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	13	0.18
(29,1555)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	13	0.18
(29,1555)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	13	0.18
(29,1555)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	13	0.18
(29,1555)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	13	0.18
(29,1555)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	13	0.18
(29,1539)	1:65:A:CYS:HB3	1:69:A:MET:HE1	8	0.18
(29,1539)	1:65:A:CYS:HB3	1:69:A:MET:HE2	8	0.18
(29,1539)	1:65:A:CYS:HB3	1:69:A:MET:HE3	8	0.18
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE1	15	0.18
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE2	15	0.18
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE3	15	0.18
(29,1479)	1:45:A:ALA:HB1	1:49:A:LYS:HE2	19	0.18
(29,1479)	1:45:A:ALA:HB1	1:49:A:LYS:HE3	19	0.18
(29,1479)	1:45:A:ALA:HB2	1:49:A:LYS:HE2	19	0.18
(29,1479)	1:45:A:ALA:HB2	1:49:A:LYS:HE3	19	0.18
(29,1479)	1:45:A:ALA:HB3	1:49:A:LYS:HE2	19	0.18
(29,1479)	1:45:A:ALA:HB3	1:49:A:LYS:HE3	19	0.18
(29,1473)	1:42:A:GLU:H	1:45:A:ALA:HB1	10	0.18
(29,1473)	1:42:A:GLU:H	1:45:A:ALA:HB2	10	0.18
(29,1473)	1:42:A:GLU:H	1:45:A:ALA:HB3	10	0.18
(29,1437)	1:119:A:LEU:HA	1:121:A:VAL:HG21	10	0.18
(29,1437)	1:119:A:LEU:HA	1:121:A:VAL:HG22	10	0.18
(29,1437)	1:119:A:LEU:HA	1:121:A:VAL:HG23	10	0.18
(29,1427)	1:73:A:ILE:HG21	1:113:A:PHE:HB3	9	0.18
(29,1427)	1:73:A:ILE:HG22	1:113:A:PHE:HB3	9	0.18
(29,1427)	1:73:A:ILE:HG23	1:113:A:PHE:HB3	9	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1368)	1:39:A:VAL:HG11	1:41:A:LYS:H	7	0.18
(29,1368)	1:39:A:VAL:HG12	1:41:A:LYS:H	7	0.18
(29,1368)	1:39:A:VAL:HG13	1:41:A:LYS:H	7	0.18
(29,1322)	1:66:A:THR:HG21	1:96:A:VAL:HG11	6	0.18
(29,1322)	1:66:A:THR:HG21	1:96:A:VAL:HG12	6	0.18
(29,1322)	1:66:A:THR:HG21	1:96:A:VAL:HG13	6	0.18
(29,1322)	1:66:A:THR:HG22	1:96:A:VAL:HG11	6	0.18
(29,1322)	1:66:A:THR:HG22	1:96:A:VAL:HG12	6	0.18
(29,1322)	1:66:A:THR:HG22	1:96:A:VAL:HG13	6	0.18
(29,1322)	1:66:A:THR:HG23	1:96:A:VAL:HG11	6	0.18
(29,1322)	1:66:A:THR:HG23	1:96:A:VAL:HG12	6	0.18
(29,1322)	1:66:A:THR:HG23	1:96:A:VAL:HG13	6	0.18
(29,1191)	1:128:A:LEU:HD21	1:129:A:LYS:H	15	0.18
(29,1191)	1:128:A:LEU:HD22	1:129:A:LYS:H	15	0.18
(29,1191)	1:128:A:LEU:HD23	1:129:A:LYS:H	15	0.18
(29,1182)	1:140:A:LEU:H	1:140:A:LEU:HD21	10	0.18
(29,1182)	1:140:A:LEU:H	1:140:A:LEU:HD22	10	0.18
(29,1182)	1:140:A:LEU:H	1:140:A:LEU:HD23	10	0.18
(29,970)	1:15:A:ALA:HB1	1:43:A:MET:HB2	7	0.18
(29,970)	1:15:A:ALA:HB2	1:43:A:MET:HB2	7	0.18
(29,970)	1:15:A:ALA:HB3	1:43:A:MET:HB2	7	0.18
(29,871)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	10	0.18
(29,829)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	14	0.18
(29,829)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	14	0.18
(29,829)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	14	0.18
(29,735)	1:73:A:ILE:HG21	1:76:A:ARG:HE	18	0.18
(29,735)	1:73:A:ILE:HG22	1:76:A:ARG:HE	18	0.18
(29,735)	1:73:A:ILE:HG23	1:76:A:ARG:HE	18	0.18
(29,704)	1:98:A:ILE:H	1:100:A:ALA:H	4	0.18
(29,679)	1:120:A:CYS:H	1:121:A:VAL:HG11	15	0.18
(29,679)	1:120:A:CYS:H	1:121:A:VAL:HG12	15	0.18
(29,679)	1:120:A:CYS:H	1:121:A:VAL:HG13	15	0.18
(29,564)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	3	0.18
(29,555)	1:73:A:ILE:HD11	1:110:A:MET:H	14	0.18
(29,555)	1:73:A:ILE:HD12	1:110:A:MET:H	14	0.18
(29,555)	1:73:A:ILE:HD13	1:110:A:MET:H	14	0.18
(29,532)	1:71:A:LYS:HG3	1:72:A:PHE:H	15	0.18
(29,454)	1:142:A:LYS:H	1:143:A:TRP:HB2	12	0.18
(29,374)	1:40:A:LEU:HB3	1:41:A:LYS:H	11	0.18
(29,316)	1:136:A:CYS:HA	1:140:A:LEU:H	8	0.18
(29,185)	1:93:A:GLU:H	1:93:A:GLU:HG2	10	0.18
(29,185)	1:93:A:GLU:H	1:93:A:GLU:HG3	10	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,128)	1:48:A:ARG:HD2	1:49:A:LYS:H	14	0.18
(29,128)	1:48:A:ARG:HD3	1:49:A:LYS:H	14	0.18
(29,83)	1:43:A:MET:HB2	1:45:A:ALA:H	1	0.18
(29,83)	1:43:A:MET:HB2	1:45:A:ALA:H	3	0.18
(29,63)	1:117:A:VAL:H	1:118:A:ASP:HB2	12	0.18
(29,17)	1:64:A:LYS:H	1:64:A:LYS:HD2	16	0.18
(29,17)	1:64:A:LYS:H	1:64:A:LYS:HD3	16	0.18
(24,41)	1:120:A:CYS:H	1:116:A:GLN:O	2	0.18
(24,29)	1:114:A:ILE:H	1:110:A:MET:O	6	0.18
(24,29)	1:114:A:ILE:H	1:110:A:MET:O	10	0.18
(24,29)	1:114:A:ILE:H	1:110:A:MET:O	19	0.18
(24,27)	1:113:A:PHE:H	1:109:A:PRO:O	5	0.18
(24,27)	1:113:A:PHE:H	1:109:A:PRO:O	15	0.18
(24,27)	1:113:A:PHE:H	1:109:A:PRO:O	17	0.18
(24,25)	1:107:A:LEU:H	1:103:A:ARG:O	11	0.18
(24,23)	1:101:A:ILE:H	1:98:A:ILE:O	7	0.18
(24,23)	1:101:A:ILE:H	1:98:A:ILE:O	11	0.18
(23,20)	1:128:A:LEU:N	1:124:A:THR:O	14	0.18
(23,3)	1:44:A:GLU:N	1:40:A:LEU:O	1	0.18
(22,22)	1:107:A:LEU:N	1:103:A:ARG:C	9	0.18
(22,22)	1:107:A:LEU:N	1:103:A:ARG:C	13	0.18
(22,18)	1:73:A:ILE:N	1:69:A:MET:C	5	0.18
(22,4)	1:39:A:VAL:N	1:36:A:PRO:C	17	0.18
(19,18)	1:56:A:CYS:SG	1:123:A:CYS:CB	11	0.18
(18,2448)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	12	0.18
(18,2448)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	12	0.18
(18,2448)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	12	0.18
(18,2448)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	12	0.18
(18,2448)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	12	0.18
(18,2448)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	12	0.18
(18,2440)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	18	0.18
(18,2440)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	18	0.18
(18,2440)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	18	0.18
(18,2440)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	18	0.18
(18,2440)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	18	0.18
(18,2440)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	18	0.18
(18,2323)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	10	0.18
(18,2323)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	10	0.18
(18,2323)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	10	0.18
(18,2323)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	10	0.18
(18,2323)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	10	0.18
(18,2323)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	10	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2323)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	10	0.18
(18,2323)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	10	0.18
(18,2323)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	10	0.18
(18,2323)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	10	0.18
(18,2323)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	10	0.18
(18,2323)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	10	0.18
(18,2322)	1:107:A:LEU:HD11	1:112:A:GLN:HA	18	0.18
(18,2322)	1:107:A:LEU:HD12	1:112:A:GLN:HA	18	0.18
(18,2322)	1:107:A:LEU:HD13	1:112:A:GLN:HA	18	0.18
(18,2322)	1:107:A:LEU:HD21	1:112:A:GLN:HA	18	0.18
(18,2322)	1:107:A:LEU:HD22	1:112:A:GLN:HA	18	0.18
(18,2322)	1:107:A:LEU:HD23	1:112:A:GLN:HA	18	0.18
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	15	0.18
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	15	0.18
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	15	0.18
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	15	0.18
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	15	0.18
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	15	0.18
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	15	0.18
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	15	0.18
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	15	0.18
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	15	0.18
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	15	0.18
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	15	0.18
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	15	0.18
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	15	0.18
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	15	0.18
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	15	0.18
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	15	0.18
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	15	0.18
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	17	0.18
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	17	0.18
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	17	0.18
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	17	0.18
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	17	0.18
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	17	0.18
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	17	0.18
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	17	0.18
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	17	0.18
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	17	0.18
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	17	0.18
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	17	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	17	0.18
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	17	0.18
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	17	0.18
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	17	0.18
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	17	0.18
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	17	0.18
(18,2281)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	9	0.18
(18,2281)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	9	0.18
(18,2281)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	9	0.18
(18,2281)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	9	0.18
(18,2281)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	9	0.18
(18,2281)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	9	0.18
(18,2281)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	9	0.18
(18,2281)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	9	0.18
(18,2281)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	9	0.18
(18,2281)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	9	0.18
(18,2281)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	9	0.18
(18,2281)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	9	0.18
(18,2278)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	12	0.18
(18,2278)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	12	0.18
(18,2278)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	12	0.18
(18,2278)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	12	0.18
(18,2278)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	12	0.18
(18,2278)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	12	0.18
(18,2278)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	12	0.18
(18,2278)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	12	0.18
(18,2278)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	12	0.18
(18,2278)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	12	0.18
(18,2278)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	12	0.18
(18,2278)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	12	0.18
(18,2278)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	12	0.18
(18,2278)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	12	0.18
(18,2278)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	12	0.18
(18,2278)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	12	0.18
(18,2278)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	12	0.18
(18,2278)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	12	0.18
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD11	14	0.18
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD12	14	0.18
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD13	14	0.18
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD21	14	0.18
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD22	14	0.18
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD23	14	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	14	0.18
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	14	0.18
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	14	0.18
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	14	0.18
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	14	0.18
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	14	0.18
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD11	10	0.18
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD12	10	0.18
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD13	10	0.18
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD21	10	0.18
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD22	10	0.18
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD23	10	0.18
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD11	10	0.18
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD12	10	0.18
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD13	10	0.18
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD21	10	0.18
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD22	10	0.18
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD23	10	0.18
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD11	2	0.18
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD12	2	0.18
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD13	2	0.18
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD21	2	0.18
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD22	2	0.18
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD23	2	0.18
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD11	5	0.18
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD12	5	0.18
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD13	5	0.18
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD21	5	0.18
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD22	5	0.18
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD23	5	0.18
(18,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD11	7	0.18
(18,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD12	7	0.18
(18,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD13	7	0.18
(18,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD21	7	0.18
(18,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD22	7	0.18
(18,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD23	7	0.18
(18,2092)	1:38:A:GLU:HA	1:139:A:LEU:HD11	13	0.18
(18,2092)	1:38:A:GLU:HA	1:139:A:LEU:HD12	13	0.18
(18,2092)	1:38:A:GLU:HA	1:139:A:LEU:HD13	13	0.18
(18,2092)	1:38:A:GLU:HA	1:139:A:LEU:HD21	13	0.18
(18,2092)	1:38:A:GLU:HA	1:139:A:LEU:HD22	13	0.18
(18,2092)	1:38:A:GLU:HA	1:139:A:LEU:HD23	13	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2074)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	9	0.18
(18,2074)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	9	0.18
(18,2074)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	9	0.18
(18,2074)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	9	0.18
(18,2074)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	9	0.18
(18,2074)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	9	0.18
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD11	1	0.18
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD12	1	0.18
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD13	1	0.18
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD21	1	0.18
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD22	1	0.18
(18,2050)	1:30:A:LEU:H	1:144:A:LEU:HD23	1	0.18
(18,2002)	1:15:A:ALA:HB1	1:16:A:SER:HB2	17	0.18
(18,2002)	1:15:A:ALA:HB1	1:16:A:SER:HB3	17	0.18
(18,2002)	1:15:A:ALA:HB2	1:16:A:SER:HB2	17	0.18
(18,2002)	1:15:A:ALA:HB2	1:16:A:SER:HB3	17	0.18
(18,2002)	1:15:A:ALA:HB3	1:16:A:SER:HB2	17	0.18
(18,2002)	1:15:A:ALA:HB3	1:16:A:SER:HB3	17	0.18
(18,1957)	1:11:A:ILE:HG12	1:57:A:LEU:HD11	17	0.18
(18,1957)	1:11:A:ILE:HG12	1:57:A:LEU:HD12	17	0.18
(18,1957)	1:11:A:ILE:HG12	1:57:A:LEU:HD13	17	0.18
(18,1957)	1:11:A:ILE:HG12	1:57:A:LEU:HD21	17	0.18
(18,1957)	1:11:A:ILE:HG12	1:57:A:LEU:HD22	17	0.18
(18,1957)	1:11:A:ILE:HG12	1:57:A:LEU:HD23	17	0.18
(18,1953)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	8	0.18
(18,1953)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	8	0.18
(18,1953)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	8	0.18
(18,1953)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	8	0.18
(18,1953)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	8	0.18
(18,1953)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	8	0.18
(18,1914)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	10	0.18
(18,1914)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	10	0.18
(18,1914)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	10	0.18
(18,1914)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	10	0.18
(18,1914)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	10	0.18
(18,1914)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	10	0.18
(18,1843)	1:9:A:PHE:HZ	1:11:A:ILE:HA	3	0.18
(18,1836)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	13	0.18
(18,1836)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	13	0.18
(18,1836)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	13	0.18
(18,1836)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	13	0.18
(18,1836)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	13	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1836)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	13	0.18
(18,1817)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	11	0.18
(18,1798)	1:97:A:ASP:HA	1:104:A:PHE:HD1	3	0.18
(18,1798)	1:97:A:ASP:HA	1:104:A:PHE:HD2	3	0.18
(18,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	17	0.18
(18,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	17	0.18
(18,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	17	0.18
(18,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	17	0.18
(18,1761)	1:58:A:ILE:HG21	1:62:A:HIS:HE1	12	0.18
(18,1761)	1:58:A:ILE:HG22	1:62:A:HIS:HE1	12	0.18
(18,1761)	1:58:A:ILE:HG23	1:62:A:HIS:HE1	12	0.18
(18,1761)	1:58:A:ILE:HG21	1:62:A:HIS:HE1	17	0.18
(18,1761)	1:58:A:ILE:HG22	1:62:A:HIS:HE1	17	0.18
(18,1761)	1:58:A:ILE:HG23	1:62:A:HIS:HE1	17	0.18
(18,1749)	1:97:A:ASP:HA	1:105:A:LYS:HA	17	0.18
(18,1726)	1:31:A:PRO:HB2	1:35:A:LEU:HD11	3	0.18
(18,1726)	1:31:A:PRO:HB2	1:35:A:LEU:HD12	3	0.18
(18,1726)	1:31:A:PRO:HB2	1:35:A:LEU:HD13	3	0.18
(18,1726)	1:31:A:PRO:HB3	1:35:A:LEU:HD11	3	0.18
(18,1726)	1:31:A:PRO:HB3	1:35:A:LEU:HD12	3	0.18
(18,1726)	1:31:A:PRO:HB3	1:35:A:LEU:HD13	3	0.18
(18,1709)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.18
(18,1709)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.18
(18,1709)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.18
(18,1709)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.18
(18,1709)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.18
(18,1709)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.18
(18,1705)	1:79:A:THR:HG21	1:81:A:GLU:HB3	4	0.18
(18,1705)	1:79:A:THR:HG22	1:81:A:GLU:HB3	4	0.18
(18,1705)	1:79:A:THR:HG23	1:81:A:GLU:HB3	4	0.18
(18,1697)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	13	0.18
(18,1640)	1:69:A:MET:HE1	1:112:A:GLN:H	10	0.18
(18,1640)	1:69:A:MET:HE2	1:112:A:GLN:H	10	0.18
(18,1640)	1:69:A:MET:HE3	1:112:A:GLN:H	10	0.18
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	8	0.18
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	8	0.18
(18,1580)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	8	0.18
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	8	0.18
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	8	0.18
(18,1580)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	8	0.18
(18,1575)	1:98:A:ILE:HG21	1:104:A:PHE:HE1	8	0.18
(18,1575)	1:98:A:ILE:HG21	1:104:A:PHE:HE2	8	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1575)	1:98:A:ILE:HG22	1:104:A:PHE:HE1	8	0.18
(18,1575)	1:98:A:ILE:HG22	1:104:A:PHE:HE2	8	0.18
(18,1575)	1:98:A:ILE:HG23	1:104:A:PHE:HE1	8	0.18
(18,1575)	1:98:A:ILE:HG23	1:104:A:PHE:HE2	8	0.18
(18,1534)	1:63:A:ILE:HG21	1:69:A:MET:HE1	8	0.18
(18,1534)	1:63:A:ILE:HG21	1:69:A:MET:HE2	8	0.18
(18,1534)	1:63:A:ILE:HG21	1:69:A:MET:HE3	8	0.18
(18,1534)	1:63:A:ILE:HG22	1:69:A:MET:HE1	8	0.18
(18,1534)	1:63:A:ILE:HG22	1:69:A:MET:HE2	8	0.18
(18,1534)	1:63:A:ILE:HG22	1:69:A:MET:HE3	8	0.18
(18,1534)	1:63:A:ILE:HG23	1:69:A:MET:HE1	8	0.18
(18,1534)	1:63:A:ILE:HG23	1:69:A:MET:HE2	8	0.18
(18,1534)	1:63:A:ILE:HG23	1:69:A:MET:HE3	8	0.18
(18,1532)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	13	0.18
(18,1532)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	13	0.18
(18,1532)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	13	0.18
(18,1532)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	13	0.18
(18,1532)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	13	0.18
(18,1532)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	13	0.18
(18,1528)	1:110:A:MET:HE1	1:114:A:ILE:HG12	5	0.18
(18,1528)	1:110:A:MET:HE2	1:114:A:ILE:HG12	5	0.18
(18,1528)	1:110:A:MET:HE3	1:114:A:ILE:HG12	5	0.18
(18,1523)	1:69:A:MET:HE1	1:112:A:GLN:HG2	1	0.18
(18,1523)	1:69:A:MET:HE1	1:112:A:GLN:HG3	1	0.18
(18,1523)	1:69:A:MET:HE2	1:112:A:GLN:HG2	1	0.18
(18,1523)	1:69:A:MET:HE2	1:112:A:GLN:HG3	1	0.18
(18,1523)	1:69:A:MET:HE3	1:112:A:GLN:HG2	1	0.18
(18,1523)	1:69:A:MET:HE3	1:112:A:GLN:HG3	1	0.18
(18,1507)	1:65:A:CYS:H	1:69:A:MET:HE1	16	0.18
(18,1507)	1:65:A:CYS:H	1:69:A:MET:HE2	16	0.18
(18,1507)	1:65:A:CYS:H	1:69:A:MET:HE3	16	0.18
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG21	5	0.18
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG22	5	0.18
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG23	5	0.18
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG21	16	0.18
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG22	16	0.18
(18,1467)	1:101:A:ILE:H	1:101:A:ILE:HG23	16	0.18
(18,1425)	1:50:A:ALA:HB1	1:127:A:CYS:HA	16	0.18
(18,1425)	1:50:A:ALA:HB2	1:127:A:CYS:HA	16	0.18
(18,1425)	1:50:A:ALA:HB3	1:127:A:CYS:HA	16	0.18
(18,1408)	1:73:A:ILE:HG21	1:110:A:MET:H	7	0.18
(18,1408)	1:73:A:ILE:HG22	1:110:A:MET:H	7	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1408)	1:73:A:ILE:HG23	1:110:A:MET:H	7	0.18
(18,1407)	1:101:A:ILE:HG21	1:102:A:PRO:HD3	9	0.18
(18,1407)	1:101:A:ILE:HG22	1:102:A:PRO:HD3	9	0.18
(18,1407)	1:101:A:ILE:HG23	1:102:A:PRO:HD3	9	0.18
(18,1407)	1:101:A:ILE:HG21	1:102:A:PRO:HD3	18	0.18
(18,1407)	1:101:A:ILE:HG22	1:102:A:PRO:HD3	18	0.18
(18,1407)	1:101:A:ILE:HG23	1:102:A:PRO:HD3	18	0.18
(18,1396)	1:132:A:ALA:HB1	1:133:A:ASN:HD22	17	0.18
(18,1396)	1:132:A:ALA:HB2	1:133:A:ASN:HD22	17	0.18
(18,1396)	1:132:A:ALA:HB3	1:133:A:ASN:HD22	17	0.18
(18,1357)	1:39:A:VAL:HG11	1:41:A:LYS:H	7	0.18
(18,1357)	1:39:A:VAL:HG12	1:41:A:LYS:H	7	0.18
(18,1357)	1:39:A:VAL:HG13	1:41:A:LYS:H	7	0.18
(18,1356)	1:119:A:LEU:HB2	1:121:A:VAL:HG11	9	0.18
(18,1356)	1:119:A:LEU:HB2	1:121:A:VAL:HG12	9	0.18
(18,1356)	1:119:A:LEU:HB2	1:121:A:VAL:HG13	9	0.18
(18,1306)	1:66:A:THR:HG21	1:96:A:VAL:HG11	6	0.18
(18,1306)	1:66:A:THR:HG21	1:96:A:VAL:HG12	6	0.18
(18,1306)	1:66:A:THR:HG21	1:96:A:VAL:HG13	6	0.18
(18,1306)	1:66:A:THR:HG22	1:96:A:VAL:HG11	6	0.18
(18,1306)	1:66:A:THR:HG22	1:96:A:VAL:HG12	6	0.18
(18,1306)	1:66:A:THR:HG22	1:96:A:VAL:HG13	6	0.18
(18,1306)	1:66:A:THR:HG23	1:96:A:VAL:HG11	6	0.18
(18,1306)	1:66:A:THR:HG23	1:96:A:VAL:HG12	6	0.18
(18,1306)	1:66:A:THR:HG23	1:96:A:VAL:HG13	6	0.18
(18,1257)	1:23:A:LEU:HD11	1:24:A:ASP:H	12	0.18
(18,1257)	1:23:A:LEU:HD12	1:24:A:ASP:H	12	0.18
(18,1257)	1:23:A:LEU:HD13	1:24:A:ASP:H	12	0.18
(18,1210)	1:41:A:LYS:H	1:41:A:LYS:HG3	5	0.18
(18,1103)	1:70:A:LYS:HA	1:70:A:LYS:HE2	10	0.18
(18,1103)	1:70:A:LYS:HA	1:70:A:LYS:HE3	10	0.18
(18,1089)	1:38:A:GLU:HA	1:41:A:LYS:H	6	0.18
(18,1081)	1:140:A:LEU:H	1:140:A:LEU:HG	8	0.18
(18,1052)	1:11:A:ILE:HB	1:44:A:GLU:HB2	8	0.18
(18,1052)	1:11:A:ILE:HB	1:44:A:GLU:HB3	8	0.18
(18,1036)	1:113:A:PHE:HA	1:116:A:GLN:HG3	18	0.18
(18,978)	1:138:A:ASP:HA	1:141:A:LYS:HB2	6	0.18
(18,978)	1:138:A:ASP:HA	1:141:A:LYS:HB3	6	0.18
(18,877)	1:56:A:CYS:H	1:122:A:ASP:HB3	6	0.18
(18,832)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	14	0.18
(18,832)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	14	0.18
(18,832)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	14	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,832)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	14	0.18
(18,832)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	14	0.18
(18,832)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	14	0.18
(18,795)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	6	0.18
(18,795)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	6	0.18
(18,795)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	6	0.18
(18,795)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	6	0.18
(18,795)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	6	0.18
(18,795)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	6	0.18
(18,686)	1:120:A:CYS:H	1:121:A:VAL:HG11	15	0.18
(18,686)	1:120:A:CYS:H	1:121:A:VAL:HG12	15	0.18
(18,686)	1:120:A:CYS:H	1:121:A:VAL:HG13	15	0.18
(18,593)	1:129:A:LYS:HB2	1:130:A:GLY:H	3	0.18
(18,593)	1:129:A:LYS:HB3	1:130:A:GLY:H	3	0.18
(18,593)	1:129:A:LYS:HB2	1:130:A:GLY:H	5	0.18
(18,593)	1:129:A:LYS:HB3	1:130:A:GLY:H	5	0.18
(18,593)	1:129:A:LYS:HB2	1:130:A:GLY:H	13	0.18
(18,593)	1:129:A:LYS:HB3	1:130:A:GLY:H	13	0.18
(18,544)	1:71:A:LYS:HG3	1:72:A:PHE:H	15	0.18
(18,529)	1:67:A:PRO:HB2	1:71:A:LYS:H	15	0.18
(18,529)	1:67:A:PRO:HB3	1:71:A:LYS:H	15	0.18
(18,501)	1:98:A:ILE:H	1:105:A:LYS:H	8	0.18
(18,463)	1:142:A:LYS:H	1:143:A:TRP:HB2	12	0.18
(18,327)	1:136:A:CYS:HA	1:140:A:LEU:H	8	0.18
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD11	14	0.18
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD12	14	0.18
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD13	14	0.18
(18,158)	1:127:A:CYS:H	1:128:A:LEU:HB2	18	0.18
(18,136)	1:12:A:VAL:H	1:13:A:ALA:HB1	1	0.18
(18,136)	1:12:A:VAL:H	1:13:A:ALA:HB2	1	0.18
(18,136)	1:12:A:VAL:H	1:13:A:ALA:HB3	1	0.18
(18,121)	1:79:A:THR:H	1:80:A:TYR:H	6	0.18
(18,73)	1:13:A:ALA:HB1	1:81:A:GLU:H	10	0.18
(18,73)	1:13:A:ALA:HB2	1:81:A:GLU:H	10	0.18
(18,73)	1:13:A:ALA:HB3	1:81:A:GLU:H	10	0.18
(18,65)	1:117:A:VAL:H	1:118:A:ASP:HB2	12	0.18
(18,46)	1:98:A:ILE:H	1:99:A:PRO:HD3	6	0.18
(18,36)	1:95:A:ILE:HB	1:96:A:VAL:H	13	0.18
(18,15)	1:64:A:LYS:H	1:64:A:LYS:HD2	16	0.18
(18,15)	1:64:A:LYS:H	1:64:A:LYS:HD3	16	0.18
(18,1)	1:143:A:TRP:HA	1:143:A:TRP:HE1	8	0.18
(17,2308)	1:101:A:ILE:H	1:119:A:LEU:HD11	8	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2308)	1:101:A:ILE:H	1:119:A:LEU:HD12	8	0.18
(17,2308)	1:101:A:ILE:H	1:119:A:LEU:HD13	8	0.18
(17,2308)	1:101:A:ILE:H	1:119:A:LEU:HD21	8	0.18
(17,2308)	1:101:A:ILE:H	1:119:A:LEU:HD22	8	0.18
(17,2308)	1:101:A:ILE:H	1:119:A:LEU:HD23	8	0.18
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	15	0.18
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	15	0.18
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	15	0.18
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	15	0.18
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	15	0.18
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	15	0.18
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	15	0.18
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	15	0.18
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	15	0.18
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	15	0.18
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	15	0.18
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	15	0.18
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	15	0.18
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	15	0.18
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	15	0.18
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	15	0.18
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	15	0.18
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	15	0.18
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	17	0.18
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	17	0.18
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	17	0.18
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	17	0.18
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	17	0.18
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	17	0.18
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	17	0.18
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	17	0.18
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	17	0.18
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	17	0.18
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	17	0.18
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	17	0.18
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	17	0.18
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	17	0.18
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	17	0.18
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	17	0.18
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	17	0.18
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	17	0.18
(17,2294)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	12	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2294)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	12	0.18
(17,2294)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	12	0.18
(17,2294)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	12	0.18
(17,2294)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	12	0.18
(17,2294)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	12	0.18
(17,2294)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	12	0.18
(17,2294)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	12	0.18
(17,2294)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	12	0.18
(17,2294)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	12	0.18
(17,2294)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	12	0.18
(17,2294)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	12	0.18
(17,2294)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	12	0.18
(17,2294)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	12	0.18
(17,2294)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	12	0.18
(17,2294)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	12	0.18
(17,2294)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	12	0.18
(17,2294)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	12	0.18
(17,2250)	1:69:A:MET:HG2	1:73:A:ILE:HD11	19	0.18
(17,2250)	1:69:A:MET:HG2	1:73:A:ILE:HD12	19	0.18
(17,2250)	1:69:A:MET:HG2	1:73:A:ILE:HD13	19	0.18
(17,2250)	1:69:A:MET:HG3	1:73:A:ILE:HD11	19	0.18
(17,2250)	1:69:A:MET:HG3	1:73:A:ILE:HD12	19	0.18
(17,2250)	1:69:A:MET:HG3	1:73:A:ILE:HD13	19	0.18
(17,2237)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.18
(17,2237)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.18
(17,2237)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.18
(17,2237)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.18
(17,2215)	1:57:A:LEU:HD11	1:60:A:LEU:HG	11	0.18
(17,2215)	1:57:A:LEU:HD12	1:60:A:LEU:HG	11	0.18
(17,2215)	1:57:A:LEU:HD13	1:60:A:LEU:HG	11	0.18
(17,2215)	1:57:A:LEU:HD21	1:60:A:LEU:HG	11	0.18
(17,2215)	1:57:A:LEU:HD22	1:60:A:LEU:HG	11	0.18
(17,2215)	1:57:A:LEU:HD23	1:60:A:LEU:HG	11	0.18
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	14	0.18
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	14	0.18
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	14	0.18
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	14	0.18
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	14	0.18
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	14	0.18
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	3	0.18
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	3	0.18
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	3	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	3	0.18
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	3	0.18
(17,2174)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	3	0.18
(17,2144)	1:40:A:LEU:HD11	1:41:A:LYS:H	17	0.18
(17,2144)	1:40:A:LEU:HD12	1:41:A:LYS:H	17	0.18
(17,2144)	1:40:A:LEU:HD13	1:41:A:LYS:H	17	0.18
(17,2144)	1:40:A:LEU:HD21	1:41:A:LYS:H	17	0.18
(17,2144)	1:40:A:LEU:HD22	1:41:A:LYS:H	17	0.18
(17,2144)	1:40:A:LEU:HD23	1:41:A:LYS:H	17	0.18
(17,2092)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	13	0.18
(17,2092)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	13	0.18
(17,2092)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	13	0.18
(17,2092)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	13	0.18
(17,2092)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	13	0.18
(17,2092)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	13	0.18
(17,2053)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	7	0.18
(17,2053)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	7	0.18
(17,2053)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	7	0.18
(17,2053)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	7	0.18
(17,2053)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	7	0.18
(17,2053)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	7	0.18
(17,2053)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	7	0.18
(17,2053)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	7	0.18
(17,2053)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	7	0.18
(17,2053)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	7	0.18
(17,2053)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	7	0.18
(17,2053)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	7	0.18
(17,1919)	1:151:A:PHE:H	1:151:A:PHE:HD1	4	0.18
(17,1919)	1:151:A:PHE:H	1:151:A:PHE:HD2	4	0.18
(17,1907)	1:104:A:PHE:HZ	1:112:A:GLN:HB2	10	0.18
(17,1907)	1:104:A:PHE:HZ	1:112:A:GLN:HB3	10	0.18
(17,1897)	1:68:A:LYS:HA	1:72:A:PHE:HE1	7	0.18
(17,1897)	1:68:A:LYS:HA	1:72:A:PHE:HE2	7	0.18
(17,1897)	1:68:A:LYS:HA	1:72:A:PHE:HE1	14	0.18
(17,1897)	1:68:A:LYS:HA	1:72:A:PHE:HE2	14	0.18
(17,1867)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	2	0.18
(17,1867)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	2	0.18
(17,1864)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	13	0.18
(17,1864)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	13	0.18
(17,1864)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	13	0.18
(17,1864)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	13	0.18
(17,1864)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	13	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1864)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	13	0.18
(17,1855)	1:61:A:SER:H	1:62:A:HIS:HD2	16	0.18
(17,1840)	1:9:A:PHE:HZ	1:54:A:ARG:HA	14	0.18
(17,1827)	1:97:A:ASP:HA	1:104:A:PHE:HD1	3	0.18
(17,1827)	1:97:A:ASP:HA	1:104:A:PHE:HD2	3	0.18
(17,1813)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	17	0.18
(17,1813)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	17	0.18
(17,1785)	1:65:A:CYS:HB2	1:69:A:MET:HE1	1	0.18
(17,1785)	1:65:A:CYS:HB2	1:69:A:MET:HE2	1	0.18
(17,1785)	1:65:A:CYS:HB2	1:69:A:MET:HE3	1	0.18
(17,1781)	1:97:A:ASP:HA	1:105:A:LYS:HA	17	0.18
(17,1739)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.18
(17,1739)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.18
(17,1739)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.18
(17,1739)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.18
(17,1739)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.18
(17,1739)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.18
(17,1718)	1:34:A:LYS:HA	1:35:A:LEU:HB3	13	0.18
(17,1625)	1:105:A:LYS:H	1:107:A:LEU:HD21	8	0.18
(17,1625)	1:105:A:LYS:H	1:107:A:LEU:HD22	8	0.18
(17,1625)	1:105:A:LYS:H	1:107:A:LEU:HD23	8	0.18
(17,1581)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	19	0.18
(17,1581)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	19	0.18
(17,1581)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	19	0.18
(17,1581)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	19	0.18
(17,1581)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	19	0.18
(17,1581)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	19	0.18
(17,1566)	1:144:A:LEU:HD21	1:147:A:ARG:HE	2	0.18
(17,1566)	1:144:A:LEU:HD22	1:147:A:ARG:HE	2	0.18
(17,1566)	1:144:A:LEU:HD23	1:147:A:ARG:HE	2	0.18
(17,1563)	1:63:A:ILE:HG21	1:69:A:MET:HE1	8	0.18
(17,1563)	1:63:A:ILE:HG21	1:69:A:MET:HE2	8	0.18
(17,1563)	1:63:A:ILE:HG21	1:69:A:MET:HE3	8	0.18
(17,1563)	1:63:A:ILE:HG22	1:69:A:MET:HE1	8	0.18
(17,1563)	1:63:A:ILE:HG22	1:69:A:MET:HE2	8	0.18
(17,1563)	1:63:A:ILE:HG22	1:69:A:MET:HE3	8	0.18
(17,1563)	1:63:A:ILE:HG23	1:69:A:MET:HE1	8	0.18
(17,1563)	1:63:A:ILE:HG23	1:69:A:MET:HE2	8	0.18
(17,1563)	1:63:A:ILE:HG23	1:69:A:MET:HE3	8	0.18
(17,1547)	1:65:A:CYS:HB3	1:69:A:MET:HE1	8	0.18
(17,1547)	1:65:A:CYS:HB3	1:69:A:MET:HE2	8	0.18
(17,1547)	1:65:A:CYS:HB3	1:69:A:MET:HE3	8	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1539)	1:65:A:CYS:H	1:69:A:MET:HE1	16	0.18
(17,1539)	1:65:A:CYS:H	1:69:A:MET:HE2	16	0.18
(17,1539)	1:65:A:CYS:H	1:69:A:MET:HE3	16	0.18
(17,1493)	1:45:A:ALA:HB1	1:49:A:LYS:HE2	19	0.18
(17,1493)	1:45:A:ALA:HB1	1:49:A:LYS:HE3	19	0.18
(17,1493)	1:45:A:ALA:HB2	1:49:A:LYS:HE2	19	0.18
(17,1493)	1:45:A:ALA:HB2	1:49:A:LYS:HE3	19	0.18
(17,1493)	1:45:A:ALA:HB3	1:49:A:LYS:HE2	19	0.18
(17,1493)	1:45:A:ALA:HB3	1:49:A:LYS:HE3	19	0.18
(17,1486)	1:42:A:GLU:H	1:45:A:ALA:HB1	10	0.18
(17,1486)	1:42:A:GLU:H	1:45:A:ALA:HB2	10	0.18
(17,1486)	1:42:A:GLU:H	1:45:A:ALA:HB3	10	0.18
(17,1477)	1:13:A:ALA:HB1	1:79:A:THR:HB	2	0.18
(17,1477)	1:13:A:ALA:HB2	1:79:A:THR:HB	2	0.18
(17,1477)	1:13:A:ALA:HB3	1:79:A:THR:HB	2	0.18
(17,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG21	10	0.18
(17,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG22	10	0.18
(17,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG23	10	0.18
(17,1434)	1:73:A:ILE:HG21	1:110:A:MET:H	7	0.18
(17,1434)	1:73:A:ILE:HG22	1:110:A:MET:H	7	0.18
(17,1434)	1:73:A:ILE:HG23	1:110:A:MET:H	7	0.18
(17,1414)	1:9:A:PHE:HE1	1:11:A:ILE:HG21	2	0.18
(17,1414)	1:9:A:PHE:HE1	1:11:A:ILE:HG22	2	0.18
(17,1414)	1:9:A:PHE:HE1	1:11:A:ILE:HG23	2	0.18
(17,1414)	1:9:A:PHE:HE2	1:11:A:ILE:HG21	2	0.18
(17,1414)	1:9:A:PHE:HE2	1:11:A:ILE:HG22	2	0.18
(17,1414)	1:9:A:PHE:HE2	1:11:A:ILE:HG23	2	0.18
(17,1378)	1:39:A:VAL:HG11	1:41:A:LYS:H	7	0.18
(17,1378)	1:39:A:VAL:HG12	1:41:A:LYS:H	7	0.18
(17,1378)	1:39:A:VAL:HG13	1:41:A:LYS:H	7	0.18
(17,1372)	1:39:A:VAL:HG11	1:143:A:TRP:H	9	0.18
(17,1372)	1:39:A:VAL:HG12	1:143:A:TRP:H	9	0.18
(17,1372)	1:39:A:VAL:HG13	1:143:A:TRP:H	9	0.18
(17,1372)	1:39:A:VAL:HG11	1:143:A:TRP:H	19	0.18
(17,1372)	1:39:A:VAL:HG12	1:143:A:TRP:H	19	0.18
(17,1372)	1:39:A:VAL:HG13	1:143:A:TRP:H	19	0.18
(17,1358)	1:125:A:THR:HG21	1:128:A:LEU:HB2	7	0.18
(17,1358)	1:125:A:THR:HG22	1:128:A:LEU:HB2	7	0.18
(17,1358)	1:125:A:THR:HG23	1:128:A:LEU:HB2	7	0.18
(17,1321)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	9	0.18
(17,1321)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	9	0.18
(17,1321)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	9	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1321)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	9	0.18
(17,1321)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	9	0.18
(17,1321)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	9	0.18
(17,1321)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	9	0.18
(17,1321)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	9	0.18
(17,1321)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	9	0.18
(17,1320)	1:66:A:THR:HG21	1:96:A:VAL:HG11	6	0.18
(17,1320)	1:66:A:THR:HG21	1:96:A:VAL:HG12	6	0.18
(17,1320)	1:66:A:THR:HG21	1:96:A:VAL:HG13	6	0.18
(17,1320)	1:66:A:THR:HG22	1:96:A:VAL:HG11	6	0.18
(17,1320)	1:66:A:THR:HG22	1:96:A:VAL:HG12	6	0.18
(17,1320)	1:66:A:THR:HG22	1:96:A:VAL:HG13	6	0.18
(17,1320)	1:66:A:THR:HG23	1:96:A:VAL:HG11	6	0.18
(17,1320)	1:66:A:THR:HG23	1:96:A:VAL:HG12	6	0.18
(17,1320)	1:66:A:THR:HG23	1:96:A:VAL:HG13	6	0.18
(17,1256)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	5	0.18
(17,1256)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	5	0.18
(17,1256)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	5	0.18
(17,1256)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	5	0.18
(17,1256)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	5	0.18
(17,1256)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	5	0.18
(17,1256)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	5	0.18
(17,1256)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	5	0.18
(17,1256)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	5	0.18
(17,1185)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	15	0.18
(17,1185)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	15	0.18
(17,1185)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	15	0.18
(17,1185)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	15	0.18
(17,1185)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	15	0.18
(17,1185)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	15	0.18
(17,1177)	1:140:A:LEU:HD21	1:144:A:LEU:H	9	0.18
(17,1177)	1:140:A:LEU:HD22	1:144:A:LEU:H	9	0.18
(17,1177)	1:140:A:LEU:HD23	1:144:A:LEU:H	9	0.18
(17,1121)	1:41:A:LYS:HA	1:44:A:GLU:HG2	4	0.18
(17,931)	1:125:A:THR:HB	1:128:A:LEU:HG	12	0.18
(17,929)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	4	0.18
(17,929)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	4	0.18
(17,929)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	4	0.18
(17,929)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	4	0.18
(17,918)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	1	0.18
(17,918)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	1	0.18
(17,918)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	1	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,824)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	14	0.18
(17,824)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	14	0.18
(17,824)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	14	0.18
(17,792)	1:60:A:LEU:H	1:63:A:ILE:HD11	17	0.18
(17,792)	1:60:A:LEU:H	1:63:A:ILE:HD12	17	0.18
(17,792)	1:60:A:LEU:H	1:63:A:ILE:HD13	17	0.18
(17,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	13	0.18
(17,599)	1:55:A:GLY:H	1:122:A:ASP:HB3	13	0.18
(17,547)	1:73:A:ILE:HD11	1:110:A:MET:H	14	0.18
(17,547)	1:73:A:ILE:HD12	1:110:A:MET:H	14	0.18
(17,547)	1:73:A:ILE:HD13	1:110:A:MET:H	14	0.18
(17,444)	1:142:A:LYS:H	1:143:A:TRP:HB2	12	0.18
(17,436)	1:68:A:LYS:H	1:70:A:LYS:HG2	10	0.18
(17,315)	1:136:A:CYS:HA	1:140:A:LEU:H	8	0.18
(17,254)	1:27:A:ARG:HA	1:29:A:LYS:H	2	0.18
(17,254)	1:27:A:ARG:HA	1:29:A:LYS:H	12	0.18
(17,241)	1:23:A:LEU:HB2	1:24:A:ASP:H	7	0.18
(17,241)	1:23:A:LEU:HB3	1:24:A:ASP:H	7	0.18
(17,203)	1:101:A:ILE:H	1:101:A:ILE:HB	16	0.18
(17,178)	1:93:A:GLU:H	1:93:A:GLU:HG2	10	0.18
(17,178)	1:93:A:GLU:H	1:93:A:GLU:HG3	10	0.18
(17,115)	1:22:A:ASP:H	1:23:A:LEU:HB2	3	0.18
(17,115)	1:22:A:ASP:H	1:23:A:LEU:HB3	3	0.18
(17,108)	1:69:A:MET:H	1:73:A:ILE:HD11	10	0.18
(17,108)	1:69:A:MET:H	1:73:A:ILE:HD12	10	0.18
(17,108)	1:69:A:MET:H	1:73:A:ILE:HD13	10	0.18
(17,59)	1:117:A:VAL:H	1:118:A:ASP:HB2	12	0.18
(17,1)	1:143:A:TRP:HA	1:143:A:TRP:HE1	8	0.18
(16,2466)	1:141:A:LYS:HA	1:145:A:PRO:HD2	5	0.18
(16,2466)	1:141:A:LYS:HA	1:145:A:PRO:HD3	5	0.18
(16,2466)	1:141:A:LYS:HA	1:145:A:PRO:HD2	16	0.18
(16,2466)	1:141:A:LYS:HA	1:145:A:PRO:HD3	16	0.18
(16,2438)	1:137:A:SER:HB2	1:139:A:LEU:H	12	0.18
(16,2438)	1:137:A:SER:HB3	1:139:A:LEU:H	12	0.18
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD11	1	0.18
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD12	1	0.18
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD13	1	0.18
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD21	1	0.18
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD22	1	0.18
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD23	1	0.18
(16,2402)	1:127:A:CYS:HB2	1:128:A:LEU:HD11	2	0.18
(16,2402)	1:127:A:CYS:HB2	1:128:A:LEU:HD12	2	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2402)	1:127:A:CYS:HB2	1:128:A:LEU:HD13	2	0.18
(16,2402)	1:127:A:CYS:HB2	1:128:A:LEU:HD21	2	0.18
(16,2402)	1:127:A:CYS:HB2	1:128:A:LEU:HD22	2	0.18
(16,2402)	1:127:A:CYS:HB2	1:128:A:LEU:HD23	2	0.18
(16,2331)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	3	0.18
(16,2331)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	3	0.18
(16,2331)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	3	0.18
(16,2331)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	3	0.18
(16,2331)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	3	0.18
(16,2331)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	3	0.18
(16,2322)	1:107:A:LEU:HA	1:108:A:GLU:HG2	1	0.18
(16,2322)	1:107:A:LEU:HA	1:108:A:GLU:HG3	1	0.18
(16,2322)	1:107:A:LEU:HA	1:108:A:GLU:HG2	3	0.18
(16,2322)	1:107:A:LEU:HA	1:108:A:GLU:HG3	3	0.18
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG11	7	0.18
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG12	7	0.18
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG13	7	0.18
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG21	7	0.18
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG22	7	0.18
(16,2274)	1:94:A:ALA:HA	1:96:A:VAL:HG23	7	0.18
(16,2243)	1:70:A:LYS:H	1:70:A:LYS:HD2	5	0.18
(16,2243)	1:70:A:LYS:H	1:70:A:LYS:HD3	5	0.18
(16,2224)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.18
(16,2224)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.18
(16,2224)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.18
(16,2224)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.18
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD11	19	0.18
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD12	19	0.18
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD13	19	0.18
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD21	19	0.18
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD22	19	0.18
(16,2197)	1:59:A:CYS:HA	1:60:A:LEU:HD23	19	0.18
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	3	0.18
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	3	0.18
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	3	0.18
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	3	0.18
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	3	0.18
(16,2163)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	3	0.18
(16,2143)	1:41:A:LYS:H	1:44:A:GLU:HG2	8	0.18
(16,2143)	1:41:A:LYS:H	1:44:A:GLU:HG3	8	0.18
(16,2137)	1:40:A:LEU:HA	1:40:A:LEU:HD11	7	0.18
(16,2137)	1:40:A:LEU:HA	1:40:A:LEU:HD12	7	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2137)	1:40:A:LEU:HA	1:40:A:LEU:HD13	7	0.18
(16,2137)	1:40:A:LEU:HA	1:40:A:LEU:HD21	7	0.18
(16,2137)	1:40:A:LEU:HA	1:40:A:LEU:HD22	7	0.18
(16,2137)	1:40:A:LEU:HA	1:40:A:LEU:HD23	7	0.18
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD11	14	0.18
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD12	14	0.18
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD13	14	0.18
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD21	14	0.18
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD22	14	0.18
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD23	14	0.18
(16,2091)	1:35:A:LEU:HD11	1:143:A:TRP:HB2	5	0.18
(16,2091)	1:35:A:LEU:HD12	1:143:A:TRP:HB2	5	0.18
(16,2091)	1:35:A:LEU:HD13	1:143:A:TRP:HB2	5	0.18
(16,2091)	1:35:A:LEU:HD21	1:143:A:TRP:HB2	5	0.18
(16,2091)	1:35:A:LEU:HD22	1:143:A:TRP:HB2	5	0.18
(16,2091)	1:35:A:LEU:HD23	1:143:A:TRP:HB2	5	0.18
(16,2081)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	5	0.18
(16,2081)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	5	0.18
(16,2081)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	5	0.18
(16,2081)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	5	0.18
(16,2081)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	5	0.18
(16,2081)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	5	0.18
(16,2072)	1:35:A:LEU:H	1:35:A:LEU:HD11	6	0.18
(16,2072)	1:35:A:LEU:H	1:35:A:LEU:HD12	6	0.18
(16,2072)	1:35:A:LEU:H	1:35:A:LEU:HD13	6	0.18
(16,2072)	1:35:A:LEU:H	1:35:A:LEU:HD21	6	0.18
(16,2072)	1:35:A:LEU:H	1:35:A:LEU:HD22	6	0.18
(16,2072)	1:35:A:LEU:H	1:35:A:LEU:HD23	6	0.18
(16,2070)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	5	0.18
(16,2070)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	5	0.18
(16,2070)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	5	0.18
(16,2070)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	5	0.18
(16,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB2	8	0.18
(16,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB2	8	0.18
(16,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB2	8	0.18
(16,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB2	8	0.18
(16,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB2	8	0.18
(16,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB2	8	0.18
(16,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB3	8	0.18
(16,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB3	8	0.18
(16,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB3	8	0.18
(16,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB3	8	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB3	8	0.18
(16,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB3	8	0.18
(16,2047)	1:27:A:ARG:HB2	1:27:A:ARG:HE	6	0.18
(16,2047)	1:27:A:ARG:HB3	1:27:A:ARG:HE	6	0.18
(16,2038)	1:23:A:LEU:HD11	1:27:A:ARG:HB2	4	0.18
(16,2038)	1:23:A:LEU:HD11	1:27:A:ARG:HB3	4	0.18
(16,2038)	1:23:A:LEU:HD12	1:27:A:ARG:HB2	4	0.18
(16,2038)	1:23:A:LEU:HD12	1:27:A:ARG:HB3	4	0.18
(16,2038)	1:23:A:LEU:HD13	1:27:A:ARG:HB2	4	0.18
(16,2038)	1:23:A:LEU:HD13	1:27:A:ARG:HB3	4	0.18
(16,2038)	1:23:A:LEU:HD21	1:27:A:ARG:HB2	4	0.18
(16,2038)	1:23:A:LEU:HD21	1:27:A:ARG:HB3	4	0.18
(16,2038)	1:23:A:LEU:HD22	1:27:A:ARG:HB2	4	0.18
(16,2038)	1:23:A:LEU:HD22	1:27:A:ARG:HB3	4	0.18
(16,2038)	1:23:A:LEU:HD23	1:27:A:ARG:HB2	4	0.18
(16,2038)	1:23:A:LEU:HD23	1:27:A:ARG:HB3	4	0.18
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	8	0.18
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	8	0.18
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	8	0.18
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	8	0.18
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	8	0.18
(16,2016)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	8	0.18
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	8	0.18
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	8	0.18
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	8	0.18
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	8	0.18
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	8	0.18
(16,2016)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	8	0.18
(16,2007)	1:17:A:ASN:HD21	1:18:A:PHE:H	2	0.18
(16,2007)	1:17:A:ASN:HD22	1:18:A:PHE:H	2	0.18
(16,1950)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	16	0.18
(16,1950)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	16	0.18
(16,1950)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	16	0.18
(16,1950)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	16	0.18
(16,1950)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	16	0.18
(16,1950)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	16	0.18
(16,1910)	1:8:A:ASP:HB2	1:58:A:ILE:HG21	10	0.18
(16,1910)	1:8:A:ASP:HB2	1:58:A:ILE:HG22	10	0.18
(16,1910)	1:8:A:ASP:HB2	1:58:A:ILE:HG23	10	0.18
(16,1910)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	10	0.18
(16,1910)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	10	0.18
(16,1910)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	10	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1906)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	18	0.18
(16,1906)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	18	0.18
(16,1884)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	5	0.18
(16,1884)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	5	0.18
(16,1884)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	5	0.18
(16,1884)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	5	0.18
(16,1884)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	5	0.18
(16,1884)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	5	0.18
(16,1884)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	8	0.18
(16,1884)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	8	0.18
(16,1884)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	8	0.18
(16,1884)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	8	0.18
(16,1884)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	8	0.18
(16,1884)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	8	0.18
(16,1875)	1:104:A:PHE:HZ	1:112:A:GLN:HB2	10	0.18
(16,1875)	1:104:A:PHE:HZ	1:112:A:GLN:HB3	10	0.18
(16,1868)	1:68:A:LYS:HA	1:72:A:PHE:HE1	7	0.18
(16,1868)	1:68:A:LYS:HA	1:72:A:PHE:HE2	7	0.18
(16,1868)	1:68:A:LYS:HA	1:72:A:PHE:HE1	14	0.18
(16,1868)	1:68:A:LYS:HA	1:72:A:PHE:HE2	14	0.18
(16,1836)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	13	0.18
(16,1836)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	13	0.18
(16,1836)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	13	0.18
(16,1836)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	13	0.18
(16,1836)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	13	0.18
(16,1836)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	13	0.18
(16,1805)	1:97:A:ASP:HA	1:104:A:PHE:HD1	3	0.18
(16,1805)	1:97:A:ASP:HA	1:104:A:PHE:HD2	3	0.18
(16,1800)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	10	0.18
(16,1800)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	10	0.18
(16,1800)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	10	0.18
(16,1800)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	10	0.18
(16,1800)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	10	0.18
(16,1800)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	10	0.18
(16,1768)	1:9:A:PHE:HZ	1:54:A:ARG:HA	14	0.18
(16,1719)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.18
(16,1719)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.18
(16,1719)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.18
(16,1719)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.18
(16,1719)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.18
(16,1719)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.18
(16,1695)	1:34:A:LYS:HA	1:35:A:LEU:HB3	13	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	3	0.18
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	3	0.18
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	12	0.18
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	12	0.18
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	14	0.18
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	14	0.18
(16,1636)	1:46:A:ASN:HB3	1:134:A:VAL:HG21	4	0.18
(16,1636)	1:46:A:ASN:HB3	1:134:A:VAL:HG22	4	0.18
(16,1636)	1:46:A:ASN:HB3	1:134:A:VAL:HG23	4	0.18
(16,1569)	1:97:A:ASP:H	1:98:A:ILE:HD11	19	0.18
(16,1569)	1:97:A:ASP:H	1:98:A:ILE:HD12	19	0.18
(16,1569)	1:97:A:ASP:H	1:98:A:ILE:HD13	19	0.18
(16,1544)	1:46:A:ASN:HB2	1:134:A:VAL:H	7	0.18
(16,1516)	1:65:A:CYS:H	1:69:A:MET:HE1	16	0.18
(16,1516)	1:65:A:CYS:H	1:69:A:MET:HE2	16	0.18
(16,1516)	1:65:A:CYS:H	1:69:A:MET:HE3	16	0.18
(16,1467)	1:42:A:GLU:H	1:45:A:ALA:HB1	10	0.18
(16,1467)	1:42:A:GLU:H	1:45:A:ALA:HB2	10	0.18
(16,1467)	1:42:A:GLU:H	1:45:A:ALA:HB3	10	0.18
(16,1446)	1:50:A:ALA:HB1	1:130:A:GLY:H	3	0.18
(16,1446)	1:50:A:ALA:HB2	1:130:A:GLY:H	3	0.18
(16,1446)	1:50:A:ALA:HB3	1:130:A:GLY:H	3	0.18
(16,1415)	1:73:A:ILE:HG21	1:110:A:MET:H	7	0.18
(16,1415)	1:73:A:ILE:HG22	1:110:A:MET:H	7	0.18
(16,1415)	1:73:A:ILE:HG23	1:110:A:MET:H	7	0.18
(16,1366)	1:39:A:VAL:HG11	1:41:A:LYS:H	7	0.18
(16,1366)	1:39:A:VAL:HG12	1:41:A:LYS:H	7	0.18
(16,1366)	1:39:A:VAL:HG13	1:41:A:LYS:H	7	0.18
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG11	13	0.18
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG12	13	0.18
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG13	13	0.18
(16,1316)	1:66:A:THR:HG21	1:96:A:VAL:HG11	6	0.18
(16,1316)	1:66:A:THR:HG21	1:96:A:VAL:HG12	6	0.18
(16,1316)	1:66:A:THR:HG21	1:96:A:VAL:HG13	6	0.18
(16,1316)	1:66:A:THR:HG22	1:96:A:VAL:HG11	6	0.18
(16,1316)	1:66:A:THR:HG22	1:96:A:VAL:HG12	6	0.18
(16,1316)	1:66:A:THR:HG22	1:96:A:VAL:HG13	6	0.18
(16,1316)	1:66:A:THR:HG23	1:96:A:VAL:HG11	6	0.18
(16,1316)	1:66:A:THR:HG23	1:96:A:VAL:HG12	6	0.18
(16,1316)	1:66:A:THR:HG23	1:96:A:VAL:HG13	6	0.18
(16,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	5	0.18
(16,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	5	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	5	0.18
(16,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	5	0.18
(16,936)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	1	0.18
(16,936)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	1	0.18
(16,936)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	1	0.18
(16,936)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	1	0.18
(16,936)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	1	0.18
(16,936)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	1	0.18
(16,874)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	16	0.18
(16,874)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	16	0.18
(16,874)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	16	0.18
(16,870)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	10	0.18
(16,787)	1:101:A:ILE:HD11	1:119:A:LEU:HG	8	0.18
(16,787)	1:101:A:ILE:HD12	1:119:A:LEU:HG	8	0.18
(16,787)	1:101:A:ILE:HD13	1:119:A:LEU:HG	8	0.18
(16,681)	1:120:A:CYS:H	1:121:A:VAL:HG11	15	0.18
(16,681)	1:120:A:CYS:H	1:121:A:VAL:HG12	15	0.18
(16,681)	1:120:A:CYS:H	1:121:A:VAL:HG13	15	0.18
(16,445)	1:68:A:LYS:H	1:70:A:LYS:HG2	10	0.18
(16,366)	1:23:A:LEU:HB2	1:26:A:ASP:H	2	0.18
(16,366)	1:23:A:LEU:HB3	1:26:A:ASP:H	2	0.18
(16,277)	1:112:A:GLN:H	1:112:A:GLN:HE21	18	0.18
(16,210)	1:101:A:ILE:H	1:101:A:ILE:HB	16	0.18
(16,193)	1:58:A:ILE:HG21	1:60:A:LEU:H	5	0.18
(16,193)	1:58:A:ILE:HG22	1:60:A:LEU:H	5	0.18
(16,193)	1:58:A:ILE:HG23	1:60:A:LEU:H	5	0.18
(16,184)	1:93:A:GLU:H	1:93:A:GLU:HG2	10	0.18
(16,184)	1:93:A:GLU:H	1:93:A:GLU:HG3	10	0.18
(16,143)	1:57:A:LEU:HA	1:59:A:CYS:H	5	0.18
(16,124)	1:48:A:ARG:HD2	1:49:A:LYS:H	14	0.18
(16,124)	1:48:A:ARG:HD3	1:49:A:LYS:H	14	0.18
(16,118)	1:79:A:THR:H	1:80:A:TYR:H	6	0.18
(16,108)	1:69:A:MET:H	1:73:A:ILE:HD11	10	0.18
(16,108)	1:69:A:MET:H	1:73:A:ILE:HD12	10	0.18
(16,108)	1:69:A:MET:H	1:73:A:ILE:HD13	10	0.18
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG21	8	0.18
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG22	8	0.18
(16,100)	1:63:A:ILE:H	1:63:A:ILE:HG23	8	0.18
(16,9)	1:63:A:ILE:HG13	1:64:A:LYS:H	6	0.18
(15,2465)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	12	0.18
(15,2465)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	12	0.18
(15,2465)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	12	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2465)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	12	0.18
(15,2465)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	12	0.18
(15,2465)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	12	0.18
(15,2457)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	18	0.18
(15,2457)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	18	0.18
(15,2457)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	18	0.18
(15,2457)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	18	0.18
(15,2457)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	18	0.18
(15,2457)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	18	0.18
(15,2403)	1:127:A:CYS:HB2	1:128:A:LEU:HD21	2	0.18
(15,2403)	1:127:A:CYS:HB2	1:128:A:LEU:HD22	2	0.18
(15,2403)	1:127:A:CYS:HB2	1:128:A:LEU:HD23	2	0.18
(15,2403)	1:127:A:CYS:HB3	1:128:A:LEU:HD21	2	0.18
(15,2403)	1:127:A:CYS:HB3	1:128:A:LEU:HD22	2	0.18
(15,2403)	1:127:A:CYS:HB3	1:128:A:LEU:HD23	2	0.18
(15,2317)	1:107:A:LEU:HA	1:108:A:GLU:HG2	1	0.18
(15,2317)	1:107:A:LEU:HA	1:108:A:GLU:HG3	1	0.18
(15,2317)	1:107:A:LEU:HA	1:108:A:GLU:HG2	3	0.18
(15,2317)	1:107:A:LEU:HA	1:108:A:GLU:HG3	3	0.18
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD11	3	0.18
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD12	3	0.18
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD13	3	0.18
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD21	3	0.18
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD22	3	0.18
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD23	3	0.18
(15,2175)	1:57:A:LEU:HD11	1:60:A:LEU:HG	11	0.18
(15,2175)	1:57:A:LEU:HD12	1:60:A:LEU:HG	11	0.18
(15,2175)	1:57:A:LEU:HD13	1:60:A:LEU:HG	11	0.18
(15,2175)	1:57:A:LEU:HD21	1:60:A:LEU:HG	11	0.18
(15,2175)	1:57:A:LEU:HD22	1:60:A:LEU:HG	11	0.18
(15,2175)	1:57:A:LEU:HD23	1:60:A:LEU:HG	11	0.18
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	14	0.18
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	14	0.18
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	14	0.18
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	14	0.18
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	14	0.18
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	14	0.18
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD11	3	0.18
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD12	3	0.18
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD13	3	0.18
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD21	3	0.18
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD22	3	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2132)	1:46:A:ASN:HB2	1:140:A:LEU:HD23	3	0.18
(15,2106)	1:41:A:LYS:H	1:44:A:GLU:HG2	8	0.18
(15,2106)	1:41:A:LYS:H	1:44:A:GLU:HG3	8	0.18
(15,2083)	1:39:A:VAL:HG11	1:43:A:MET:HB2	7	0.18
(15,2083)	1:39:A:VAL:HG12	1:43:A:MET:HB2	7	0.18
(15,2083)	1:39:A:VAL:HG13	1:43:A:MET:HB2	7	0.18
(15,2083)	1:39:A:VAL:HG21	1:43:A:MET:HB2	7	0.18
(15,2083)	1:39:A:VAL:HG22	1:43:A:MET:HB2	7	0.18
(15,2083)	1:39:A:VAL:HG23	1:43:A:MET:HB2	7	0.18
(15,2056)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	5	0.18
(15,2056)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	5	0.18
(15,2056)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	5	0.18
(15,2056)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	5	0.18
(15,2056)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	5	0.18
(15,2056)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	5	0.18
(15,2033)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	15	0.18
(15,2033)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	15	0.18
(15,2033)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	15	0.18
(15,2033)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	15	0.18
(15,2033)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	15	0.18
(15,2033)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	15	0.18
(15,2033)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	15	0.18
(15,2033)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	15	0.18
(15,2033)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	15	0.18
(15,2033)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	15	0.18
(15,2033)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	15	0.18
(15,2033)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	15	0.18
(15,1954)	1:14:A:VAL:HB	1:131:A:LEU:HD11	7	0.18
(15,1954)	1:14:A:VAL:HB	1:131:A:LEU:HD12	7	0.18
(15,1954)	1:14:A:VAL:HB	1:131:A:LEU:HD13	7	0.18
(15,1954)	1:14:A:VAL:HB	1:131:A:LEU:HD21	7	0.18
(15,1954)	1:14:A:VAL:HB	1:131:A:LEU:HD22	7	0.18
(15,1954)	1:14:A:VAL:HB	1:131:A:LEU:HD23	7	0.18
(15,1872)	1:104:A:PHE:HZ	1:112:A:GLN:HB2	10	0.18
(15,1872)	1:104:A:PHE:HZ	1:112:A:GLN:HB3	10	0.18
(15,1835)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	2	0.18
(15,1835)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	2	0.18
(15,1832)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	13	0.18
(15,1832)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	13	0.18
(15,1832)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	13	0.18
(15,1832)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	13	0.18
(15,1832)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	13	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1832)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	13	0.18
(15,1797)	1:97:A:ASP:HA	1:104:A:PHE:HD1	3	0.18
(15,1797)	1:97:A:ASP:HA	1:104:A:PHE:HD2	3	0.18
(15,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	10	0.18
(15,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	10	0.18
(15,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	10	0.18
(15,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	10	0.18
(15,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	10	0.18
(15,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	10	0.18
(15,1761)	1:101:A:ILE:HG21	1:102:A:PRO:HA	19	0.18
(15,1761)	1:101:A:ILE:HG22	1:102:A:PRO:HA	19	0.18
(15,1761)	1:101:A:ILE:HG23	1:102:A:PRO:HA	19	0.18
(15,1757)	1:65:A:CYS:HB2	1:69:A:MET:HE1	1	0.18
(15,1757)	1:65:A:CYS:HB2	1:69:A:MET:HE2	1	0.18
(15,1757)	1:65:A:CYS:HB2	1:69:A:MET:HE3	1	0.18
(15,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG21	2	0.18
(15,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG22	2	0.18
(15,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG23	2	0.18
(15,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG21	2	0.18
(15,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG22	2	0.18
(15,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG23	2	0.18
(15,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG21	2	0.18
(15,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG22	2	0.18
(15,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG23	2	0.18
(15,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG21	15	0.18
(15,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG22	15	0.18
(15,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG23	15	0.18
(15,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG21	15	0.18
(15,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG22	15	0.18
(15,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG23	15	0.18
(15,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG21	15	0.18
(15,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG22	15	0.18
(15,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG23	15	0.18
(15,1709)	1:13:A:ALA:HA	1:79:A:THR:HG21	10	0.18
(15,1709)	1:13:A:ALA:HA	1:79:A:THR:HG22	10	0.18
(15,1709)	1:13:A:ALA:HA	1:79:A:THR:HG23	10	0.18
(15,1651)	1:69:A:MET:HE1	1:112:A:GLN:H	10	0.18
(15,1651)	1:69:A:MET:HE2	1:112:A:GLN:H	10	0.18
(15,1651)	1:69:A:MET:HE3	1:112:A:GLN:H	10	0.18
(15,1602)	1:105:A:LYS:H	1:107:A:LEU:HD21	8	0.18
(15,1602)	1:105:A:LYS:H	1:107:A:LEU:HD22	8	0.18
(15,1602)	1:105:A:LYS:H	1:107:A:LEU:HD23	8	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1590)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	11	0.18
(15,1590)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	11	0.18
(15,1590)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	11	0.18
(15,1554)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	19	0.18
(15,1554)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	19	0.18
(15,1554)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	19	0.18
(15,1554)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	19	0.18
(15,1554)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	19	0.18
(15,1554)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	19	0.18
(15,1533)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	13	0.18
(15,1533)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	13	0.18
(15,1533)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	13	0.18
(15,1533)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	13	0.18
(15,1533)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	13	0.18
(15,1533)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	13	0.18
(15,1517)	1:65:A:CYS:HB3	1:69:A:MET:HE1	8	0.18
(15,1517)	1:65:A:CYS:HB3	1:69:A:MET:HE2	8	0.18
(15,1517)	1:65:A:CYS:HB3	1:69:A:MET:HE3	8	0.18
(15,1508)	1:65:A:CYS:H	1:69:A:MET:HE1	16	0.18
(15,1508)	1:65:A:CYS:H	1:69:A:MET:HE2	16	0.18
(15,1508)	1:65:A:CYS:H	1:69:A:MET:HE3	16	0.18
(15,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG21	10	0.18
(15,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG22	10	0.18
(15,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG23	10	0.18
(15,1407)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	1	0.18
(15,1407)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	1	0.18
(15,1407)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	1	0.18
(15,1407)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	1	0.18
(15,1407)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	1	0.18
(15,1407)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	1	0.18
(15,1388)	1:19:A:ALA:HB1	1:21:A:THR:HG21	10	0.18
(15,1388)	1:19:A:ALA:HB1	1:21:A:THR:HG22	10	0.18
(15,1388)	1:19:A:ALA:HB1	1:21:A:THR:HG23	10	0.18
(15,1388)	1:19:A:ALA:HB2	1:21:A:THR:HG21	10	0.18
(15,1388)	1:19:A:ALA:HB2	1:21:A:THR:HG22	10	0.18
(15,1388)	1:19:A:ALA:HB2	1:21:A:THR:HG23	10	0.18
(15,1388)	1:19:A:ALA:HB3	1:21:A:THR:HG21	10	0.18
(15,1388)	1:19:A:ALA:HB3	1:21:A:THR:HG22	10	0.18
(15,1388)	1:19:A:ALA:HB3	1:21:A:THR:HG23	10	0.18
(15,1363)	1:46:A:ASN:HB3	1:134:A:VAL:HG21	4	0.18
(15,1363)	1:46:A:ASN:HB3	1:134:A:VAL:HG22	4	0.18
(15,1363)	1:46:A:ASN:HB3	1:134:A:VAL:HG23	4	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1345)	1:125:A:THR:HG21	1:128:A:LEU:HB2	7	0.18
(15,1345)	1:125:A:THR:HG22	1:128:A:LEU:HB2	7	0.18
(15,1345)	1:125:A:THR:HG23	1:128:A:LEU:HB2	7	0.18
(15,1311)	1:66:A:THR:HG21	1:96:A:VAL:HG11	6	0.18
(15,1311)	1:66:A:THR:HG21	1:96:A:VAL:HG12	6	0.18
(15,1311)	1:66:A:THR:HG21	1:96:A:VAL:HG13	6	0.18
(15,1311)	1:66:A:THR:HG22	1:96:A:VAL:HG11	6	0.18
(15,1311)	1:66:A:THR:HG22	1:96:A:VAL:HG12	6	0.18
(15,1311)	1:66:A:THR:HG22	1:96:A:VAL:HG13	6	0.18
(15,1311)	1:66:A:THR:HG23	1:96:A:VAL:HG11	6	0.18
(15,1311)	1:66:A:THR:HG23	1:96:A:VAL:HG12	6	0.18
(15,1311)	1:66:A:THR:HG23	1:96:A:VAL:HG13	6	0.18
(15,1246)	1:21:A:THR:HG21	1:23:A:LEU:HA	10	0.18
(15,1246)	1:21:A:THR:HG22	1:23:A:LEU:HA	10	0.18
(15,1246)	1:21:A:THR:HG23	1:23:A:LEU:HA	10	0.18
(15,1221)	1:110:A:MET:HA	1:113:A:PHE:HB2	13	0.18
(15,1153)	1:13:A:ALA:HB1	1:80:A:TYR:HA	5	0.18
(15,1153)	1:13:A:ALA:HB2	1:80:A:TYR:HA	5	0.18
(15,1153)	1:13:A:ALA:HB3	1:80:A:TYR:HA	5	0.18
(15,1071)	1:140:A:LEU:H	1:140:A:LEU:HG	8	0.18
(15,1060)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	11	0.18
(15,1060)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	11	0.18
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD11	17	0.18
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD12	17	0.18
(15,1045)	1:11:A:ILE:HA	1:11:A:ILE:HD13	17	0.18
(15,1041)	1:11:A:ILE:HB	1:44:A:GLU:HB2	1	0.18
(15,1041)	1:11:A:ILE:HB	1:44:A:GLU:HB3	1	0.18
(15,1020)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	11	0.18
(15,1020)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	11	0.18
(15,997)	1:12:A:VAL:HB	1:43:A:MET:HE1	1	0.18
(15,997)	1:12:A:VAL:HB	1:43:A:MET:HE2	1	0.18
(15,997)	1:12:A:VAL:HB	1:43:A:MET:HE3	1	0.18
(15,994)	1:98:A:ILE:H	1:105:A:LYS:HD2	12	0.18
(15,994)	1:98:A:ILE:H	1:105:A:LYS:HD3	12	0.18
(15,991)	1:104:A:PHE:H	1:105:A:LYS:HB2	19	0.18
(15,991)	1:104:A:PHE:H	1:105:A:LYS:HB3	19	0.18
(15,883)	1:151:A:PHE:H	1:151:A:PHE:HB3	11	0.18
(15,862)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	10	0.18
(15,822)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	2	0.18
(15,822)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	2	0.18
(15,822)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	2	0.18
(15,822)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	2	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,822)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	2	0.18
(15,822)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	2	0.18
(15,815)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	14	0.18
(15,815)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	14	0.18
(15,815)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	14	0.18
(15,765)	1:12:A:VAL:H	1:40:A:LEU:HD21	12	0.18
(15,765)	1:12:A:VAL:H	1:40:A:LEU:HD22	12	0.18
(15,765)	1:12:A:VAL:H	1:40:A:LEU:HD23	12	0.18
(15,763)	1:37:A:LEU:H	1:40:A:LEU:HB2	19	0.18
(15,739)	1:43:A:MET:H	1:46:A:ASN:HD22	5	0.18
(15,729)	1:46:A:ASN:HA	1:50:A:ALA:H	8	0.18
(15,596)	1:75:A:GLY:H	1:76:A:ARG:HG2	19	0.18
(15,596)	1:75:A:GLY:H	1:76:A:ARG:HG3	19	0.18
(15,455)	1:142:A:LYS:H	1:143:A:TRP:HB2	12	0.18
(15,362)	1:23:A:LEU:HB2	1:26:A:ASP:H	2	0.18
(15,362)	1:23:A:LEU:HB3	1:26:A:ASP:H	2	0.18
(15,321)	1:136:A:CYS:HA	1:140:A:LEU:H	8	0.18
(15,278)	1:112:A:GLN:H	1:112:A:GLN:HE21	18	0.18
(15,239)	1:10:A:ASN:H	1:13:A:ALA:HB1	18	0.18
(15,239)	1:10:A:ASN:H	1:13:A:ALA:HB2	18	0.18
(15,239)	1:10:A:ASN:H	1:13:A:ALA:HB3	18	0.18
(15,140)	1:12:A:VAL:H	1:13:A:ALA:HB1	1	0.18
(15,140)	1:12:A:VAL:H	1:13:A:ALA:HB2	1	0.18
(15,140)	1:12:A:VAL:H	1:13:A:ALA:HB3	1	0.18
(15,130)	1:48:A:ARG:HD2	1:49:A:LYS:H	14	0.18
(15,130)	1:48:A:ARG:HD3	1:49:A:LYS:H	14	0.18
(15,114)	1:69:A:MET:H	1:73:A:ILE:HD11	10	0.18
(15,114)	1:69:A:MET:H	1:73:A:ILE:HD12	10	0.18
(15,114)	1:69:A:MET:H	1:73:A:ILE:HD13	10	0.18
(15,72)	1:13:A:ALA:HB1	1:81:A:GLU:H	10	0.18
(15,72)	1:13:A:ALA:HB2	1:81:A:GLU:H	10	0.18
(15,72)	1:13:A:ALA:HB3	1:81:A:GLU:H	10	0.18
(15,68)	1:80:A:TYR:HB3	1:81:A:GLU:H	14	0.18
(15,68)	1:80:A:TYR:HB2	1:81:A:GLU:H	14	0.18
(15,35)	1:96:A:VAL:H	1:97:A:ASP:HB2	19	0.18
(15,35)	1:96:A:VAL:H	1:97:A:ASP:HB3	19	0.18
(13,2443)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	18	0.18
(13,2443)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	18	0.18
(13,2443)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	18	0.18
(13,2443)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	18	0.18
(13,2443)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	18	0.18
(13,2443)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	18	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2404)	1:131:A:LEU:HD11	1:134:A:VAL:HB	18	0.18
(13,2404)	1:131:A:LEU:HD12	1:134:A:VAL:HB	18	0.18
(13,2404)	1:131:A:LEU:HD13	1:134:A:VAL:HB	18	0.18
(13,2404)	1:131:A:LEU:HD21	1:134:A:VAL:HB	18	0.18
(13,2404)	1:131:A:LEU:HD22	1:134:A:VAL:HB	18	0.18
(13,2404)	1:131:A:LEU:HD23	1:134:A:VAL:HB	18	0.18
(13,2277)	1:101:A:ILE:H	1:119:A:LEU:HD11	8	0.18
(13,2277)	1:101:A:ILE:H	1:119:A:LEU:HD12	8	0.18
(13,2277)	1:101:A:ILE:H	1:119:A:LEU:HD13	8	0.18
(13,2277)	1:101:A:ILE:H	1:119:A:LEU:HD21	8	0.18
(13,2277)	1:101:A:ILE:H	1:119:A:LEU:HD22	8	0.18
(13,2277)	1:101:A:ILE:H	1:119:A:LEU:HD23	8	0.18
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	15	0.18
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	15	0.18
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	15	0.18
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	15	0.18
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	15	0.18
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	15	0.18
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	15	0.18
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	15	0.18
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	15	0.18
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	15	0.18
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	15	0.18
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	15	0.18
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	15	0.18
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	15	0.18
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	15	0.18
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	15	0.18
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	15	0.18
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	15	0.18
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	17	0.18
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	17	0.18
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	17	0.18
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	17	0.18
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	17	0.18
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	17	0.18
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	17	0.18
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	17	0.18
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	17	0.18
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	17	0.18
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	17	0.18
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	17	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	17	0.18
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	17	0.18
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	17	0.18
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	17	0.18
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	17	0.18
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	17	0.18
(13,2262)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	12	0.18
(13,2262)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	12	0.18
(13,2262)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	12	0.18
(13,2262)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	12	0.18
(13,2262)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	12	0.18
(13,2262)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	12	0.18
(13,2262)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	12	0.18
(13,2262)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	12	0.18
(13,2262)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	12	0.18
(13,2262)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	12	0.18
(13,2262)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	12	0.18
(13,2262)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	12	0.18
(13,2262)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	12	0.18
(13,2262)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	12	0.18
(13,2262)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	12	0.18
(13,2262)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	12	0.18
(13,2262)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	12	0.18
(13,2262)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	12	0.18
(13,2241)	1:75:A:GLY:H	1:77:A:CYS:HB2	9	0.18
(13,2241)	1:75:A:GLY:H	1:77:A:CYS:HB3	9	0.18
(13,2197)	1:65:A:CYS:HB2	1:70:A:LYS:HA	18	0.18
(13,2197)	1:65:A:CYS:HB3	1:70:A:LYS:HA	18	0.18
(13,2194)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.18
(13,2194)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.18
(13,2194)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.18
(13,2194)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.18
(13,2158)	1:57:A:LEU:HD11	1:60:A:LEU:HG	11	0.18
(13,2158)	1:57:A:LEU:HD12	1:60:A:LEU:HG	11	0.18
(13,2158)	1:57:A:LEU:HD13	1:60:A:LEU:HG	11	0.18
(13,2158)	1:57:A:LEU:HD21	1:60:A:LEU:HG	11	0.18
(13,2158)	1:57:A:LEU:HD22	1:60:A:LEU:HG	11	0.18
(13,2158)	1:57:A:LEU:HD23	1:60:A:LEU:HG	11	0.18
(13,2089)	1:42:A:GLU:HB2	1:139:A:LEU:HD11	17	0.18
(13,2089)	1:42:A:GLU:HB2	1:139:A:LEU:HD12	17	0.18
(13,2089)	1:42:A:GLU:HB2	1:139:A:LEU:HD13	17	0.18
(13,2089)	1:42:A:GLU:HB2	1:139:A:LEU:HD21	17	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2089)	1:42:A:GLU:HB2	1:139:A:LEU:HD22	17	0.18
(13,2089)	1:42:A:GLU:HB2	1:139:A:LEU:HD23	17	0.18
(13,2089)	1:42:A:GLU:HB3	1:139:A:LEU:HD11	17	0.18
(13,2089)	1:42:A:GLU:HB3	1:139:A:LEU:HD12	17	0.18
(13,2089)	1:42:A:GLU:HB3	1:139:A:LEU:HD13	17	0.18
(13,2089)	1:42:A:GLU:HB3	1:139:A:LEU:HD21	17	0.18
(13,2089)	1:42:A:GLU:HB3	1:139:A:LEU:HD22	17	0.18
(13,2089)	1:42:A:GLU:HB3	1:139:A:LEU:HD23	17	0.18
(13,2080)	1:40:A:LEU:HD11	1:43:A:MET:HB3	17	0.18
(13,2080)	1:40:A:LEU:HD12	1:43:A:MET:HB3	17	0.18
(13,2080)	1:40:A:LEU:HD13	1:43:A:MET:HB3	17	0.18
(13,2080)	1:40:A:LEU:HD21	1:43:A:MET:HB3	17	0.18
(13,2080)	1:40:A:LEU:HD22	1:43:A:MET:HB3	17	0.18
(13,2080)	1:40:A:LEU:HD23	1:43:A:MET:HB3	17	0.18
(13,2076)	1:40:A:LEU:HA	1:40:A:LEU:HD11	7	0.18
(13,2076)	1:40:A:LEU:HA	1:40:A:LEU:HD12	7	0.18
(13,2076)	1:40:A:LEU:HA	1:40:A:LEU:HD13	7	0.18
(13,2076)	1:40:A:LEU:HA	1:40:A:LEU:HD21	7	0.18
(13,2076)	1:40:A:LEU:HA	1:40:A:LEU:HD22	7	0.18
(13,2076)	1:40:A:LEU:HA	1:40:A:LEU:HD23	7	0.18
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD11	16	0.18
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD12	16	0.18
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD13	16	0.18
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD21	16	0.18
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD22	16	0.18
(13,1998)	1:22:A:ASP:HA	1:23:A:LEU:HD23	16	0.18
(13,1968)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	8	0.18
(13,1968)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	8	0.18
(13,1968)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	8	0.18
(13,1968)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	8	0.18
(13,1968)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	8	0.18
(13,1968)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	8	0.18
(13,1968)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	8	0.18
(13,1968)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	8	0.18
(13,1968)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	8	0.18
(13,1968)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	8	0.18
(13,1968)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	8	0.18
(13,1968)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	8	0.18
(13,1968)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	8	0.18
(13,1968)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	8	0.18
(13,1968)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	8	0.18
(13,1968)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	8	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1968)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	8	0.18
(13,1968)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	8	0.18
(13,1968)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	18	0.18
(13,1968)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	18	0.18
(13,1968)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	18	0.18
(13,1968)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	18	0.18
(13,1968)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	18	0.18
(13,1968)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	18	0.18
(13,1968)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	18	0.18
(13,1968)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	18	0.18
(13,1968)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	18	0.18
(13,1968)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	18	0.18
(13,1968)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	18	0.18
(13,1968)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	18	0.18
(13,1968)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	18	0.18
(13,1968)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	18	0.18
(13,1968)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	18	0.18
(13,1968)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	18	0.18
(13,1968)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	18	0.18
(13,1968)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	18	0.18
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	4	0.18
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	4	0.18
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	4	0.18
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	4	0.18
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	4	0.18
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	4	0.18
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	4	0.18
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	4	0.18
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	4	0.18
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	4	0.18
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	4	0.18
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	4	0.18
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	4	0.18
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	4	0.18
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	4	0.18
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	4	0.18
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	4	0.18
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	4	0.18
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	4	0.18
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	4	0.18
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	4	0.18
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	4	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	4	0.18
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	4	0.18
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	4	0.18
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	4	0.18
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	4	0.18
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	4	0.18
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	4	0.18
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	4	0.18
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	4	0.18
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	4	0.18
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	4	0.18
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	4	0.18
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	4	0.18
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	4	0.18
(13,1847)	1:104:A:PHE:HZ	1:112:A:GLN:HB2	10	0.18
(13,1847)	1:104:A:PHE:HZ	1:112:A:GLN:HB3	10	0.18
(13,1779)	1:113:A:PHE:HD1	1:114:A:ILE:HD11	6	0.18
(13,1779)	1:113:A:PHE:HD1	1:114:A:ILE:HD12	6	0.18
(13,1779)	1:113:A:PHE:HD1	1:114:A:ILE:HD13	6	0.18
(13,1779)	1:113:A:PHE:HD2	1:114:A:ILE:HD11	6	0.18
(13,1779)	1:113:A:PHE:HD2	1:114:A:ILE:HD12	6	0.18
(13,1779)	1:113:A:PHE:HD2	1:114:A:ILE:HD13	6	0.18
(13,1774)	1:97:A:ASP:HA	1:104:A:PHE:HD1	3	0.18
(13,1774)	1:97:A:ASP:HA	1:104:A:PHE:HD2	3	0.18
(13,1763)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	17	0.18
(13,1763)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	17	0.18
(13,1763)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	17	0.18
(13,1763)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	17	0.18
(13,1741)	1:58:A:ILE:HG21	1:62:A:HIS:HE1	12	0.18
(13,1741)	1:58:A:ILE:HG22	1:62:A:HIS:HE1	12	0.18
(13,1741)	1:58:A:ILE:HG23	1:62:A:HIS:HE1	12	0.18
(13,1741)	1:58:A:ILE:HG21	1:62:A:HIS:HE1	17	0.18
(13,1741)	1:58:A:ILE:HG22	1:62:A:HIS:HE1	17	0.18
(13,1741)	1:58:A:ILE:HG23	1:62:A:HIS:HE1	17	0.18
(13,1692)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.18
(13,1692)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.18
(13,1692)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.18
(13,1692)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.18
(13,1692)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.18
(13,1692)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.18
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG11	10	0.18
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG12	10	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1614)	1:50:A:ALA:H	1:134:A:VAL:HG13	10	0.18
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	8	0.18
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	8	0.18
(13,1563)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	8	0.18
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	8	0.18
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	8	0.18
(13,1563)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	8	0.18
(13,1552)	1:97:A:ASP:H	1:98:A:ILE:HD11	19	0.18
(13,1552)	1:97:A:ASP:H	1:98:A:ILE:HD12	19	0.18
(13,1552)	1:97:A:ASP:H	1:98:A:ILE:HD13	19	0.18
(13,1528)	1:123:A:CYS:H	1:128:A:LEU:HD21	4	0.18
(13,1528)	1:123:A:CYS:H	1:128:A:LEU:HD22	4	0.18
(13,1528)	1:123:A:CYS:H	1:128:A:LEU:HD23	4	0.18
(13,1496)	1:69:A:MET:HE1	1:110:A:MET:HA	17	0.18
(13,1496)	1:69:A:MET:HE2	1:110:A:MET:HA	17	0.18
(13,1496)	1:69:A:MET:HE3	1:110:A:MET:HA	17	0.18
(13,1490)	1:69:A:MET:HE1	1:116:A:GLN:HE21	16	0.18
(13,1490)	1:69:A:MET:HE2	1:116:A:GLN:HE21	16	0.18
(13,1490)	1:69:A:MET:HE3	1:116:A:GLN:HE21	16	0.18
(13,1444)	1:42:A:GLU:H	1:45:A:ALA:HB1	10	0.18
(13,1444)	1:42:A:GLU:H	1:45:A:ALA:HB2	10	0.18
(13,1444)	1:42:A:GLU:H	1:45:A:ALA:HB3	10	0.18
(13,1405)	1:50:A:ALA:HB1	1:127:A:CYS:HA	16	0.18
(13,1405)	1:50:A:ALA:HB2	1:127:A:CYS:HA	16	0.18
(13,1405)	1:50:A:ALA:HB3	1:127:A:CYS:HA	16	0.18
(13,1335)	1:39:A:VAL:HG11	1:41:A:LYS:H	7	0.18
(13,1335)	1:39:A:VAL:HG12	1:41:A:LYS:H	7	0.18
(13,1335)	1:39:A:VAL:HG13	1:41:A:LYS:H	7	0.18
(13,1284)	1:66:A:THR:HG21	1:96:A:VAL:HG11	6	0.18
(13,1284)	1:66:A:THR:HG21	1:96:A:VAL:HG12	6	0.18
(13,1284)	1:66:A:THR:HG21	1:96:A:VAL:HG13	6	0.18
(13,1284)	1:66:A:THR:HG22	1:96:A:VAL:HG11	6	0.18
(13,1284)	1:66:A:THR:HG22	1:96:A:VAL:HG12	6	0.18
(13,1284)	1:66:A:THR:HG22	1:96:A:VAL:HG13	6	0.18
(13,1284)	1:66:A:THR:HG23	1:96:A:VAL:HG11	6	0.18
(13,1284)	1:66:A:THR:HG23	1:96:A:VAL:HG12	6	0.18
(13,1284)	1:66:A:THR:HG23	1:96:A:VAL:HG13	6	0.18
(13,1267)	1:128:A:LEU:H	1:128:A:LEU:HD21	19	0.18
(13,1267)	1:128:A:LEU:H	1:128:A:LEU:HD22	19	0.18
(13,1267)	1:128:A:LEU:H	1:128:A:LEU:HD23	19	0.18
(13,1241)	1:113:A:PHE:HE1	1:117:A:VAL:HG11	8	0.18
(13,1241)	1:113:A:PHE:HE1	1:117:A:VAL:HG12	8	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1241)	1:113:A:PHE:HE1	1:117:A:VAL:HG13	8	0.18
(13,1241)	1:113:A:PHE:HE2	1:117:A:VAL:HG11	8	0.18
(13,1241)	1:113:A:PHE:HE2	1:117:A:VAL:HG12	8	0.18
(13,1241)	1:113:A:PHE:HE2	1:117:A:VAL:HG13	8	0.18
(13,1222)	1:37:A:LEU:HD11	1:38:A:GLU:HA	18	0.18
(13,1222)	1:37:A:LEU:HD12	1:38:A:GLU:HA	18	0.18
(13,1222)	1:37:A:LEU:HD13	1:38:A:GLU:HA	18	0.18
(13,1131)	1:13:A:ALA:HB1	1:80:A:TYR:HA	5	0.18
(13,1131)	1:13:A:ALA:HB2	1:80:A:TYR:HA	5	0.18
(13,1131)	1:13:A:ALA:HB3	1:80:A:TYR:HA	5	0.18
(13,1098)	1:105:A:LYS:HA	1:105:A:LYS:HG2	9	0.18
(13,1051)	1:140:A:LEU:H	1:140:A:LEU:HG	8	0.18
(13,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	5	0.18
(13,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	5	0.18
(13,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	5	0.18
(13,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	5	0.18
(13,999)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	11	0.18
(13,999)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	11	0.18
(13,950)	1:11:A:ILE:HG12	1:14:A:VAL:HB	17	0.18
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG2	15	0.18
(13,927)	1:12:A:VAL:HA	1:31:A:PRO:HG3	15	0.18
(13,920)	1:69:A:MET:HG2	1:109:A:PRO:HA	18	0.18
(13,905)	1:125:A:THR:HB	1:128:A:LEU:HG	12	0.18
(13,823)	1:45:A:ALA:HA	1:48:A:ARG:HD2	5	0.18
(13,823)	1:45:A:ALA:HA	1:48:A:ARG:HD3	5	0.18
(13,624)	1:9:A:PHE:HE1	1:58:A:ILE:H	7	0.18
(13,624)	1:9:A:PHE:HE2	1:58:A:ILE:H	7	0.18
(13,617)	1:35:A:LEU:H	1:80:A:TYR:HB2	4	0.18
(13,524)	1:71:A:LYS:HG3	1:72:A:PHE:H	1	0.18
(13,468)	1:14:A:VAL:H	1:61:A:SER:HA	6	0.18
(13,436)	1:73:A:ILE:HB	1:76:A:ARG:H	9	0.18
(13,355)	1:23:A:LEU:HB2	1:26:A:ASP:H	2	0.18
(13,355)	1:23:A:LEU:HB3	1:26:A:ASP:H	2	0.18
(13,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	5	0.18
(13,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	5	0.18
(13,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	5	0.18
(13,271)	1:112:A:GLN:H	1:112:A:GLN:HE21	18	0.18
(13,255)	1:27:A:ARG:HA	1:29:A:LYS:H	2	0.18
(13,255)	1:27:A:ARG:HA	1:29:A:LYS:H	12	0.18
(13,203)	1:101:A:ILE:H	1:101:A:ILE:HB	16	0.18
(13,178)	1:93:A:GLU:H	1:93:A:GLU:HG2	10	0.18
(13,178)	1:93:A:GLU:H	1:93:A:GLU:HG3	10	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,122)	1:48:A:ARG:HD2	1:49:A:LYS:H	14	0.18
(13,122)	1:48:A:ARG:HD3	1:49:A:LYS:H	14	0.18
(13,107)	1:69:A:MET:H	1:73:A:ILE:HD11	10	0.18
(13,107)	1:69:A:MET:H	1:73:A:ILE:HD12	10	0.18
(13,107)	1:69:A:MET:H	1:73:A:ILE:HD13	10	0.18
(13,87)	1:151:A:PHE:H	1:151:A:PHE:HB3	9	0.18
(13,66)	1:13:A:ALA:HB1	1:81:A:GLU:H	10	0.18
(13,66)	1:13:A:ALA:HB2	1:81:A:GLU:H	10	0.18
(13,66)	1:13:A:ALA:HB3	1:81:A:GLU:H	10	0.18
(13,56)	1:117:A:VAL:H	1:118:A:ASP:HB2	12	0.18
(13,32)	1:96:A:VAL:H	1:97:A:ASP:HB2	19	0.18
(13,32)	1:96:A:VAL:H	1:97:A:ASP:HB3	19	0.18
(13,14)	1:64:A:LYS:H	1:64:A:LYS:HD2	16	0.18
(13,14)	1:64:A:LYS:H	1:64:A:LYS:HD3	16	0.18
(11,2395)	1:126:A:GLY:H	1:129:A:LYS:HG2	2	0.18
(11,2395)	1:126:A:GLY:H	1:129:A:LYS:HG3	2	0.18
(11,2314)	1:101:A:ILE:H	1:119:A:LEU:HD11	8	0.18
(11,2314)	1:101:A:ILE:H	1:119:A:LEU:HD12	8	0.18
(11,2314)	1:101:A:ILE:H	1:119:A:LEU:HD13	8	0.18
(11,2314)	1:101:A:ILE:H	1:119:A:LEU:HD21	8	0.18
(11,2314)	1:101:A:ILE:H	1:119:A:LEU:HD22	8	0.18
(11,2314)	1:101:A:ILE:H	1:119:A:LEU:HD23	8	0.18
(11,2309)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	9	0.18
(11,2309)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	9	0.18
(11,2309)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	9	0.18
(11,2309)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	9	0.18
(11,2309)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	9	0.18
(11,2309)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	9	0.18
(11,2309)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	9	0.18
(11,2309)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	9	0.18
(11,2309)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	9	0.18
(11,2309)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	9	0.18
(11,2309)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	9	0.18
(11,2309)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	9	0.18
(11,2309)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	9	0.18
(11,2309)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	9	0.18
(11,2309)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	9	0.18
(11,2309)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	9	0.18
(11,2309)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	9	0.18
(11,2309)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	9	0.18
(11,2234)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.18
(11,2234)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2234)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.18
(11,2234)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.18
(11,2211)	1:57:A:LEU:HD11	1:60:A:LEU:HG	1	0.18
(11,2211)	1:57:A:LEU:HD12	1:60:A:LEU:HG	1	0.18
(11,2211)	1:57:A:LEU:HD13	1:60:A:LEU:HG	1	0.18
(11,2211)	1:57:A:LEU:HD21	1:60:A:LEU:HG	1	0.18
(11,2211)	1:57:A:LEU:HD22	1:60:A:LEU:HG	1	0.18
(11,2211)	1:57:A:LEU:HD23	1:60:A:LEU:HG	1	0.18
(11,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	7	0.18
(11,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	7	0.18
(11,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	7	0.18
(11,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	7	0.18
(11,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	7	0.18
(11,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	7	0.18
(11,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	7	0.18
(11,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	7	0.18
(11,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	7	0.18
(11,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	7	0.18
(11,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	7	0.18
(11,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	7	0.18
(11,2085)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	16	0.18
(11,2085)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	16	0.18
(11,2085)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	16	0.18
(11,2085)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	16	0.18
(11,2085)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	16	0.18
(11,2085)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	16	0.18
(11,2056)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	7	0.18
(11,2056)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	7	0.18
(11,2056)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	7	0.18
(11,2056)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	7	0.18
(11,2056)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	7	0.18
(11,2056)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	7	0.18
(11,2056)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	7	0.18
(11,2056)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	7	0.18
(11,2056)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	7	0.18
(11,2056)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	7	0.18
(11,2056)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	7	0.18
(11,2056)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	7	0.18
(11,2055)	1:23:A:LEU:HD11	1:26:A:ASP:HA	3	0.18
(11,2055)	1:23:A:LEU:HD12	1:26:A:ASP:HA	3	0.18
(11,2055)	1:23:A:LEU:HD13	1:26:A:ASP:HA	3	0.18
(11,2055)	1:23:A:LEU:HD21	1:26:A:ASP:HA	3	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2055)	1:23:A:LEU:HD22	1:26:A:ASP:HA	3	0.18
(11,2055)	1:23:A:LEU:HD23	1:26:A:ASP:HA	3	0.18
(11,1909)	1:104:A:PHE:HZ	1:112:A:GLN:HB2	10	0.18
(11,1909)	1:104:A:PHE:HZ	1:112:A:GLN:HB3	10	0.18
(11,1875)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	19	0.18
(11,1875)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	19	0.18
(11,1872)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	13	0.18
(11,1872)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	13	0.18
(11,1872)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	13	0.18
(11,1872)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	13	0.18
(11,1872)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	13	0.18
(11,1872)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	13	0.18
(11,1865)	1:61:A:SER:H	1:62:A:HIS:HD2	16	0.18
(11,1842)	1:97:A:ASP:HA	1:104:A:PHE:HD1	3	0.18
(11,1842)	1:97:A:ASP:HA	1:104:A:PHE:HD2	3	0.18
(11,1762)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.18
(11,1762)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.18
(11,1762)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.18
(11,1762)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.18
(11,1762)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.18
(11,1762)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.18
(11,1738)	1:34:A:LYS:HA	1:35:A:LEU:HB3	13	0.18
(11,1688)	1:69:A:MET:HE1	1:112:A:GLN:H	10	0.18
(11,1688)	1:69:A:MET:HE2	1:112:A:GLN:H	10	0.18
(11,1688)	1:69:A:MET:HE3	1:112:A:GLN:H	10	0.18
(11,1612)	1:97:A:ASP:H	1:98:A:ILE:HD11	19	0.18
(11,1612)	1:97:A:ASP:H	1:98:A:ILE:HD12	19	0.18
(11,1612)	1:97:A:ASP:H	1:98:A:ILE:HD13	19	0.18
(11,1564)	1:63:A:ILE:HG21	1:69:A:MET:HE1	8	0.18
(11,1564)	1:63:A:ILE:HG21	1:69:A:MET:HE2	8	0.18
(11,1564)	1:63:A:ILE:HG21	1:69:A:MET:HE3	8	0.18
(11,1564)	1:63:A:ILE:HG22	1:69:A:MET:HE1	8	0.18
(11,1564)	1:63:A:ILE:HG22	1:69:A:MET:HE2	8	0.18
(11,1564)	1:63:A:ILE:HG22	1:69:A:MET:HE3	8	0.18
(11,1564)	1:63:A:ILE:HG23	1:69:A:MET:HE1	8	0.18
(11,1564)	1:63:A:ILE:HG23	1:69:A:MET:HE2	8	0.18
(11,1564)	1:63:A:ILE:HG23	1:69:A:MET:HE3	8	0.18
(11,1562)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	13	0.18
(11,1562)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	13	0.18
(11,1562)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	13	0.18
(11,1562)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	13	0.18
(11,1562)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	13	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1562)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	13	0.18
(11,1559)	1:110:A:MET:HE1	1:114:A:ILE:HG12	5	0.18
(11,1559)	1:110:A:MET:HE2	1:114:A:ILE:HG12	5	0.18
(11,1559)	1:110:A:MET:HE3	1:114:A:ILE:HG12	5	0.18
(11,1538)	1:65:A:CYS:H	1:69:A:MET:HE1	16	0.18
(11,1538)	1:65:A:CYS:H	1:69:A:MET:HE2	16	0.18
(11,1538)	1:65:A:CYS:H	1:69:A:MET:HE3	16	0.18
(11,1497)	1:45:A:ALA:HB1	1:49:A:LYS:HB2	7	0.18
(11,1497)	1:45:A:ALA:HB1	1:49:A:LYS:HB3	7	0.18
(11,1497)	1:45:A:ALA:HB2	1:49:A:LYS:HB2	7	0.18
(11,1497)	1:45:A:ALA:HB2	1:49:A:LYS:HB3	7	0.18
(11,1497)	1:45:A:ALA:HB3	1:49:A:LYS:HB2	7	0.18
(11,1497)	1:45:A:ALA:HB3	1:49:A:LYS:HB3	7	0.18
(11,1496)	1:45:A:ALA:HB1	1:48:A:ARG:HB2	6	0.18
(11,1496)	1:45:A:ALA:HB1	1:48:A:ARG:HB3	6	0.18
(11,1496)	1:45:A:ALA:HB2	1:48:A:ARG:HB2	6	0.18
(11,1496)	1:45:A:ALA:HB2	1:48:A:ARG:HB3	6	0.18
(11,1496)	1:45:A:ALA:HB3	1:48:A:ARG:HB2	6	0.18
(11,1496)	1:45:A:ALA:HB3	1:48:A:ARG:HB3	6	0.18
(11,1489)	1:42:A:GLU:H	1:45:A:ALA:HB1	10	0.18
(11,1489)	1:42:A:GLU:H	1:45:A:ALA:HB2	10	0.18
(11,1489)	1:42:A:GLU:H	1:45:A:ALA:HB3	10	0.18
(11,1456)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	19	0.18
(11,1456)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	19	0.18
(11,1456)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	19	0.18
(11,1434)	1:73:A:ILE:HG21	1:110:A:MET:H	7	0.18
(11,1434)	1:73:A:ILE:HG22	1:110:A:MET:H	7	0.18
(11,1434)	1:73:A:ILE:HG23	1:110:A:MET:H	7	0.18
(11,1368)	1:125:A:THR:HG21	1:128:A:LEU:HB2	7	0.18
(11,1368)	1:125:A:THR:HG22	1:128:A:LEU:HB2	7	0.18
(11,1368)	1:125:A:THR:HG23	1:128:A:LEU:HB2	7	0.18
(11,1329)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	9	0.18
(11,1329)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	9	0.18
(11,1329)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	9	0.18
(11,1329)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	9	0.18
(11,1329)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	9	0.18
(11,1329)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	9	0.18
(11,1329)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	9	0.18
(11,1329)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	9	0.18
(11,1329)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	9	0.18
(11,1328)	1:66:A:THR:HG21	1:96:A:VAL:HG11	6	0.18
(11,1328)	1:66:A:THR:HG21	1:96:A:VAL:HG12	6	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1328)	1:66:A:THR:HG21	1:96:A:VAL:HG13	6	0.18
(11,1328)	1:66:A:THR:HG22	1:96:A:VAL:HG11	6	0.18
(11,1328)	1:66:A:THR:HG22	1:96:A:VAL:HG12	6	0.18
(11,1328)	1:66:A:THR:HG22	1:96:A:VAL:HG13	6	0.18
(11,1328)	1:66:A:THR:HG23	1:96:A:VAL:HG11	6	0.18
(11,1328)	1:66:A:THR:HG23	1:96:A:VAL:HG12	6	0.18
(11,1328)	1:66:A:THR:HG23	1:96:A:VAL:HG13	6	0.18
(11,1272)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	10	0.18
(11,1272)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	10	0.18
(11,1272)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	10	0.18
(11,1266)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	5	0.18
(11,1266)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	5	0.18
(11,1266)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	5	0.18
(11,1266)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	5	0.18
(11,1266)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	5	0.18
(11,1266)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	5	0.18
(11,1266)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	5	0.18
(11,1266)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	5	0.18
(11,1266)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	5	0.18
(11,1265)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	18	0.18
(11,1265)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	18	0.18
(11,1265)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	18	0.18
(11,1265)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	18	0.18
(11,1265)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	18	0.18
(11,1265)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	18	0.18
(11,1241)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	5	0.18
(11,1241)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	5	0.18
(11,1241)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	5	0.18
(11,1203)	1:23:A:LEU:HA	1:23:A:LEU:HD21	17	0.18
(11,1203)	1:23:A:LEU:HA	1:23:A:LEU:HD22	17	0.18
(11,1203)	1:23:A:LEU:HA	1:23:A:LEU:HD23	17	0.18
(11,1179)	1:140:A:LEU:HD21	1:144:A:LEU:H	9	0.18
(11,1179)	1:140:A:LEU:HD22	1:144:A:LEU:H	9	0.18
(11,1179)	1:140:A:LEU:HD23	1:144:A:LEU:H	9	0.18
(11,1107)	1:41:A:LYS:HG3	1:42:A:GLU:HA	18	0.18
(11,1098)	1:70:A:LYS:HA	1:70:A:LYS:HE2	10	0.18
(11,1098)	1:70:A:LYS:HA	1:70:A:LYS:HE3	10	0.18
(11,1066)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	11	0.18
(11,1066)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	11	0.18
(11,932)	1:81:A:GLU:HA	1:81:A:GLU:HG2	13	0.18
(11,932)	1:81:A:GLU:HA	1:81:A:GLU:HG3	13	0.18
(11,900)	1:54:A:ARG:HA	1:58:A:ILE:HB	16	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,869)	1:56:A:CYS:H	1:122:A:ASP:HB3	6	0.18
(11,862)	1:60:A:LEU:HB2	1:63:A:ILE:H	3	0.18
(11,812)	1:98:A:ILE:HD11	1:116:A:GLN:H	4	0.18
(11,812)	1:98:A:ILE:HD12	1:116:A:GLN:H	4	0.18
(11,812)	1:98:A:ILE:HD13	1:116:A:GLN:H	4	0.18
(11,812)	1:98:A:ILE:HD11	1:116:A:GLN:H	15	0.18
(11,812)	1:98:A:ILE:HD12	1:116:A:GLN:H	15	0.18
(11,812)	1:98:A:ILE:HD13	1:116:A:GLN:H	15	0.18
(11,781)	1:11:A:ILE:HA	1:11:A:ILE:HD11	3	0.18
(11,781)	1:11:A:ILE:HA	1:11:A:ILE:HD12	3	0.18
(11,781)	1:11:A:ILE:HA	1:11:A:ILE:HD13	3	0.18
(11,759)	1:37:A:LEU:H	1:40:A:LEU:HB3	1	0.18
(11,728)	1:46:A:ASN:HA	1:50:A:ALA:H	8	0.18
(11,673)	1:120:A:CYS:H	1:121:A:VAL:HG11	15	0.18
(11,673)	1:120:A:CYS:H	1:121:A:VAL:HG12	15	0.18
(11,673)	1:120:A:CYS:H	1:121:A:VAL:HG13	15	0.18
(11,621)	1:96:A:VAL:H	1:97:A:ASP:H	3	0.18
(11,540)	1:60:A:LEU:HD21	1:61:A:SER:H	13	0.18
(11,540)	1:60:A:LEU:HD22	1:61:A:SER:H	13	0.18
(11,540)	1:60:A:LEU:HD23	1:61:A:SER:H	13	0.18
(11,493)	1:8:A:ASP:HB2	1:9:A:PHE:H	10	0.18
(11,488)	1:98:A:ILE:H	1:105:A:LYS:H	8	0.18
(11,442)	1:73:A:ILE:HB	1:76:A:ARG:H	9	0.18
(11,324)	1:44:A:GLU:HG2	1:46:A:ASN:H	11	0.18
(11,273)	1:112:A:GLN:H	1:112:A:GLN:HE21	18	0.18
(11,242)	1:23:A:LEU:HB2	1:24:A:ASP:H	7	0.18
(11,242)	1:23:A:LEU:HB3	1:24:A:ASP:H	7	0.18
(11,203)	1:101:A:ILE:H	1:101:A:ILE:HB	16	0.18
(11,142)	1:57:A:LEU:HA	1:59:A:CYS:H	5	0.18
(11,134)	1:12:A:VAL:H	1:13:A:ALA:HB1	1	0.18
(11,134)	1:12:A:VAL:H	1:13:A:ALA:HB2	1	0.18
(11,134)	1:12:A:VAL:H	1:13:A:ALA:HB3	1	0.18
(11,125)	1:48:A:ARG:HD2	1:49:A:LYS:H	14	0.18
(11,125)	1:48:A:ARG:HD3	1:49:A:LYS:H	14	0.18
(11,119)	1:79:A:THR:H	1:80:A:TYR:H	6	0.18
(11,116)	1:22:A:ASP:H	1:23:A:LEU:HB2	3	0.18
(11,116)	1:22:A:ASP:H	1:23:A:LEU:HB3	3	0.18
(11,69)	1:80:A:TYR:HB3	1:81:A:GLU:H	14	0.18
(11,69)	1:80:A:TYR:HB2	1:81:A:GLU:H	14	0.18
(11,55)	1:98:A:ILE:H	1:101:A:ILE:HG21	14	0.18
(11,55)	1:98:A:ILE:H	1:101:A:ILE:HG22	14	0.18
(11,55)	1:98:A:ILE:H	1:101:A:ILE:HG23	14	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,43)	1:43:A:MET:HA	1:47:A:ALA:H	13	0.18
(11,36)	1:96:A:VAL:H	1:97:A:ASP:HB2	19	0.18
(11,36)	1:96:A:VAL:H	1:97:A:ASP:HB3	19	0.18
(11,10)	1:64:A:LYS:H	1:116:A:GLN:HE22	4	0.18
(9,2387)	1:137:A:SER:HB2	1:139:A:LEU:H	12	0.18
(9,2387)	1:137:A:SER:HB3	1:139:A:LEU:H	12	0.18
(9,2341)	1:126:A:GLY:H	1:129:A:LYS:HG2	2	0.18
(9,2341)	1:126:A:GLY:H	1:129:A:LYS:HG3	2	0.18
(9,2305)	1:116:A:GLN:H	1:117:A:VAL:HG11	3	0.18
(9,2305)	1:116:A:GLN:H	1:117:A:VAL:HG12	3	0.18
(9,2305)	1:116:A:GLN:H	1:117:A:VAL:HG13	3	0.18
(9,2305)	1:116:A:GLN:H	1:117:A:VAL:HG21	3	0.18
(9,2305)	1:116:A:GLN:H	1:117:A:VAL:HG22	3	0.18
(9,2305)	1:116:A:GLN:H	1:117:A:VAL:HG23	3	0.18
(9,2305)	1:116:A:GLN:H	1:117:A:VAL:HG11	17	0.18
(9,2305)	1:116:A:GLN:H	1:117:A:VAL:HG12	17	0.18
(9,2305)	1:116:A:GLN:H	1:117:A:VAL:HG13	17	0.18
(9,2305)	1:116:A:GLN:H	1:117:A:VAL:HG21	17	0.18
(9,2305)	1:116:A:GLN:H	1:117:A:VAL:HG22	17	0.18
(9,2305)	1:116:A:GLN:H	1:117:A:VAL:HG23	17	0.18
(9,2273)	1:107:A:LEU:HD11	1:112:A:GLN:HA	1	0.18
(9,2273)	1:107:A:LEU:HD12	1:112:A:GLN:HA	1	0.18
(9,2273)	1:107:A:LEU:HD13	1:112:A:GLN:HA	1	0.18
(9,2273)	1:107:A:LEU:HD21	1:112:A:GLN:HA	1	0.18
(9,2273)	1:107:A:LEU:HD22	1:112:A:GLN:HA	1	0.18
(9,2273)	1:107:A:LEU:HD23	1:112:A:GLN:HA	1	0.18
(9,2250)	1:100:A:ALA:HA	1:119:A:LEU:HD11	1	0.18
(9,2250)	1:100:A:ALA:HA	1:119:A:LEU:HD12	1	0.18
(9,2250)	1:100:A:ALA:HA	1:119:A:LEU:HD13	1	0.18
(9,2250)	1:100:A:ALA:HA	1:119:A:LEU:HD21	1	0.18
(9,2250)	1:100:A:ALA:HA	1:119:A:LEU:HD22	1	0.18
(9,2250)	1:100:A:ALA:HA	1:119:A:LEU:HD23	1	0.18
(9,2223)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	9	0.18
(9,2223)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	9	0.18
(9,2223)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	17	0.18
(9,2223)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	17	0.18
(9,2187)	1:66:A:THR:H	1:116:A:GLN:HE21	11	0.18
(9,2187)	1:66:A:THR:H	1:116:A:GLN:HE22	11	0.18
(9,2183)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.18
(9,2183)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.18
(9,2183)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.18
(9,2183)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2163)	1:60:A:LEU:HD11	1:61:A:SER:HB2	8	0.18
(9,2163)	1:60:A:LEU:HD11	1:61:A:SER:HB3	8	0.18
(9,2163)	1:60:A:LEU:HD12	1:61:A:SER:HB2	8	0.18
(9,2163)	1:60:A:LEU:HD12	1:61:A:SER:HB3	8	0.18
(9,2163)	1:60:A:LEU:HD13	1:61:A:SER:HB2	8	0.18
(9,2163)	1:60:A:LEU:HD13	1:61:A:SER:HB3	8	0.18
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD11	12	0.18
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD12	12	0.18
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD13	12	0.18
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD21	12	0.18
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD22	12	0.18
(9,2087)	1:39:A:VAL:HB	1:140:A:LEU:HD23	12	0.18
(9,2072)	1:37:A:LEU:HA	1:39:A:VAL:HG11	16	0.18
(9,2072)	1:37:A:LEU:HA	1:39:A:VAL:HG12	16	0.18
(9,2072)	1:37:A:LEU:HA	1:39:A:VAL:HG13	16	0.18
(9,2072)	1:37:A:LEU:HA	1:39:A:VAL:HG21	16	0.18
(9,2072)	1:37:A:LEU:HA	1:39:A:VAL:HG22	16	0.18
(9,2072)	1:37:A:LEU:HA	1:39:A:VAL:HG23	16	0.18
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG11	16	0.18
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG12	16	0.18
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG13	16	0.18
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG21	16	0.18
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG22	16	0.18
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG23	16	0.18
(9,2045)	1:35:A:LEU:H	1:35:A:LEU:HD11	6	0.18
(9,2045)	1:35:A:LEU:H	1:35:A:LEU:HD12	6	0.18
(9,2045)	1:35:A:LEU:H	1:35:A:LEU:HD13	6	0.18
(9,2045)	1:35:A:LEU:H	1:35:A:LEU:HD21	6	0.18
(9,2045)	1:35:A:LEU:H	1:35:A:LEU:HD22	6	0.18
(9,2045)	1:35:A:LEU:H	1:35:A:LEU:HD23	6	0.18
(9,2005)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	11	0.18
(9,2005)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	11	0.18
(9,2005)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	11	0.18
(9,2005)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	11	0.18
(9,2005)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	11	0.18
(9,2005)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	11	0.18
(9,2005)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	11	0.18
(9,2005)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	11	0.18
(9,2005)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	11	0.18
(9,2005)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	11	0.18
(9,2005)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	11	0.18
(9,2005)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	11	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	4	0.18
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	4	0.18
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	4	0.18
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	4	0.18
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	4	0.18
(9,1947)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	4	0.18
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	4	0.18
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	4	0.18
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	4	0.18
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	4	0.18
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	4	0.18
(9,1947)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	4	0.18
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	4	0.18
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	4	0.18
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	4	0.18
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	4	0.18
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	4	0.18
(9,1947)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	4	0.18
(9,1889)	1:104:A:PHE:HZ	1:112:A:GLN:HB2	10	0.18
(9,1889)	1:104:A:PHE:HZ	1:112:A:GLN:HB3	10	0.18
(9,1884)	1:104:A:PHE:HE1	1:113:A:PHE:HA	11	0.18
(9,1884)	1:104:A:PHE:HE2	1:113:A:PHE:HA	11	0.18
(9,1874)	1:14:A:VAL:HA	1:18:A:PHE:HD1	18	0.18
(9,1874)	1:14:A:VAL:HA	1:18:A:PHE:HD2	18	0.18
(9,1840)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	2	0.18
(9,1840)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	2	0.18
(9,1839)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	13	0.18
(9,1839)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	13	0.18
(9,1839)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	13	0.18
(9,1839)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	13	0.18
(9,1839)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	13	0.18
(9,1839)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	13	0.18
(9,1806)	1:97:A:ASP:HA	1:104:A:PHE:HD1	3	0.18
(9,1806)	1:97:A:ASP:HA	1:104:A:PHE:HD2	3	0.18
(9,1792)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	17	0.18
(9,1792)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	17	0.18
(9,1774)	1:58:A:ILE:HG21	1:62:A:HIS:HE1	12	0.18
(9,1774)	1:58:A:ILE:HG22	1:62:A:HIS:HE1	12	0.18
(9,1774)	1:58:A:ILE:HG23	1:62:A:HIS:HE1	12	0.18
(9,1774)	1:58:A:ILE:HG21	1:62:A:HIS:HE1	17	0.18
(9,1774)	1:58:A:ILE:HG22	1:62:A:HIS:HE1	17	0.18
(9,1774)	1:58:A:ILE:HG23	1:62:A:HIS:HE1	17	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1763)	1:65:A:CYS:HB2	1:69:A:MET:HE1	1	0.18
(9,1763)	1:65:A:CYS:HB2	1:69:A:MET:HE2	1	0.18
(9,1763)	1:65:A:CYS:HB2	1:69:A:MET:HE3	1	0.18
(9,1716)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.18
(9,1716)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.18
(9,1716)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.18
(9,1716)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.18
(9,1716)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.18
(9,1716)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.18
(9,1713)	1:19:A:ALA:HB1	1:20:A:THR:HG21	2	0.18
(9,1713)	1:19:A:ALA:HB1	1:20:A:THR:HG22	2	0.18
(9,1713)	1:19:A:ALA:HB1	1:20:A:THR:HG23	2	0.18
(9,1713)	1:19:A:ALA:HB2	1:20:A:THR:HG21	2	0.18
(9,1713)	1:19:A:ALA:HB2	1:20:A:THR:HG22	2	0.18
(9,1713)	1:19:A:ALA:HB2	1:20:A:THR:HG23	2	0.18
(9,1713)	1:19:A:ALA:HB3	1:20:A:THR:HG21	2	0.18
(9,1713)	1:19:A:ALA:HB3	1:20:A:THR:HG22	2	0.18
(9,1713)	1:19:A:ALA:HB3	1:20:A:THR:HG23	2	0.18
(9,1713)	1:19:A:ALA:HB1	1:20:A:THR:HG21	15	0.18
(9,1713)	1:19:A:ALA:HB1	1:20:A:THR:HG22	15	0.18
(9,1713)	1:19:A:ALA:HB1	1:20:A:THR:HG23	15	0.18
(9,1713)	1:19:A:ALA:HB2	1:20:A:THR:HG21	15	0.18
(9,1713)	1:19:A:ALA:HB2	1:20:A:THR:HG22	15	0.18
(9,1713)	1:19:A:ALA:HB2	1:20:A:THR:HG23	15	0.18
(9,1713)	1:19:A:ALA:HB3	1:20:A:THR:HG21	15	0.18
(9,1713)	1:19:A:ALA:HB3	1:20:A:THR:HG22	15	0.18
(9,1713)	1:19:A:ALA:HB3	1:20:A:THR:HG23	15	0.18
(9,1697)	1:34:A:LYS:HA	1:35:A:LEU:HB3	13	0.18
(9,1692)	1:43:A:MET:HE1	1:131:A:LEU:HA	6	0.18
(9,1692)	1:43:A:MET:HE2	1:131:A:LEU:HA	6	0.18
(9,1692)	1:43:A:MET:HE3	1:131:A:LEU:HA	6	0.18
(9,1646)	1:69:A:MET:HE1	1:112:A:GLN:H	10	0.18
(9,1646)	1:69:A:MET:HE2	1:112:A:GLN:H	10	0.18
(9,1646)	1:69:A:MET:HE3	1:112:A:GLN:H	10	0.18
(9,1635)	1:97:A:ASP:HB2	1:99:A:PRO:HA	18	0.18
(9,1635)	1:97:A:ASP:HB3	1:99:A:PRO:HA	18	0.18
(9,1578)	1:97:A:ASP:H	1:98:A:ILE:HD11	19	0.18
(9,1578)	1:97:A:ASP:H	1:98:A:ILE:HD12	19	0.18
(9,1578)	1:97:A:ASP:H	1:98:A:ILE:HD13	19	0.18
(9,1543)	1:144:A:LEU:HD21	1:147:A:ARG:HE	2	0.18
(9,1543)	1:144:A:LEU:HD22	1:147:A:ARG:HE	2	0.18
(9,1543)	1:144:A:LEU:HD23	1:147:A:ARG:HE	2	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1538)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	13	0.18
(9,1538)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	13	0.18
(9,1538)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	13	0.18
(9,1538)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	13	0.18
(9,1538)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	13	0.18
(9,1538)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	13	0.18
(9,1513)	1:65:A:CYS:H	1:69:A:MET:HE1	16	0.18
(9,1513)	1:65:A:CYS:H	1:69:A:MET:HE2	16	0.18
(9,1513)	1:65:A:CYS:H	1:69:A:MET:HE3	16	0.18
(9,1461)	1:42:A:GLU:H	1:45:A:ALA:HB1	10	0.18
(9,1461)	1:42:A:GLU:H	1:45:A:ALA:HB2	10	0.18
(9,1461)	1:42:A:GLU:H	1:45:A:ALA:HB3	10	0.18
(9,1409)	1:73:A:ILE:HG21	1:110:A:MET:H	7	0.18
(9,1409)	1:73:A:ILE:HG22	1:110:A:MET:H	7	0.18
(9,1409)	1:73:A:ILE:HG23	1:110:A:MET:H	7	0.18
(9,1404)	1:100:A:ALA:HB1	1:119:A:LEU:HD11	6	0.18
(9,1404)	1:100:A:ALA:HB1	1:119:A:LEU:HD12	6	0.18
(9,1404)	1:100:A:ALA:HB1	1:119:A:LEU:HD13	6	0.18
(9,1404)	1:100:A:ALA:HB2	1:119:A:LEU:HD11	6	0.18
(9,1404)	1:100:A:ALA:HB2	1:119:A:LEU:HD12	6	0.18
(9,1404)	1:100:A:ALA:HB2	1:119:A:LEU:HD13	6	0.18
(9,1404)	1:100:A:ALA:HB3	1:119:A:LEU:HD11	6	0.18
(9,1404)	1:100:A:ALA:HB3	1:119:A:LEU:HD12	6	0.18
(9,1404)	1:100:A:ALA:HB3	1:119:A:LEU:HD13	6	0.18
(9,1391)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	8	0.18
(9,1391)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	8	0.18
(9,1391)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	8	0.18
(9,1358)	1:39:A:VAL:HG11	1:41:A:LYS:H	7	0.18
(9,1358)	1:39:A:VAL:HG12	1:41:A:LYS:H	7	0.18
(9,1358)	1:39:A:VAL:HG13	1:41:A:LYS:H	7	0.18
(9,1355)	1:118:A:ASP:HA	1:121:A:VAL:HG11	1	0.18
(9,1355)	1:118:A:ASP:HA	1:121:A:VAL:HG12	1	0.18
(9,1355)	1:118:A:ASP:HA	1:121:A:VAL:HG13	1	0.18
(9,1309)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	9	0.18
(9,1309)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	9	0.18
(9,1309)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	9	0.18
(9,1309)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	9	0.18
(9,1309)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	9	0.18
(9,1309)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	9	0.18
(9,1309)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	9	0.18
(9,1309)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	9	0.18
(9,1309)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	9	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1308)	1:66:A:THR:HG21	1:96:A:VAL:HG11	6	0.18
(9,1308)	1:66:A:THR:HG21	1:96:A:VAL:HG12	6	0.18
(9,1308)	1:66:A:THR:HG21	1:96:A:VAL:HG13	6	0.18
(9,1308)	1:66:A:THR:HG22	1:96:A:VAL:HG11	6	0.18
(9,1308)	1:66:A:THR:HG22	1:96:A:VAL:HG12	6	0.18
(9,1308)	1:66:A:THR:HG22	1:96:A:VAL:HG13	6	0.18
(9,1308)	1:66:A:THR:HG23	1:96:A:VAL:HG11	6	0.18
(9,1308)	1:66:A:THR:HG23	1:96:A:VAL:HG12	6	0.18
(9,1308)	1:66:A:THR:HG23	1:96:A:VAL:HG13	6	0.18
(9,1251)	1:37:A:LEU:HD11	1:38:A:GLU:HA	18	0.18
(9,1251)	1:37:A:LEU:HD12	1:38:A:GLU:HA	18	0.18
(9,1251)	1:37:A:LEU:HD13	1:38:A:GLU:HA	18	0.18
(9,1232)	1:136:A:CYS:HA	1:140:A:LEU:HD11	4	0.18
(9,1232)	1:136:A:CYS:HA	1:140:A:LEU:HD12	4	0.18
(9,1232)	1:136:A:CYS:HA	1:140:A:LEU:HD13	4	0.18
(9,1152)	1:71:A:LYS:HA	1:71:A:LYS:HE2	13	0.18
(9,1152)	1:71:A:LYS:HA	1:71:A:LYS:HE3	13	0.18
(9,1152)	1:71:A:LYS:HA	1:71:A:LYS:HE2	16	0.18
(9,1152)	1:71:A:LYS:HA	1:71:A:LYS:HE3	16	0.18
(9,1087)	1:70:A:LYS:HA	1:70:A:LYS:HE2	10	0.18
(9,1087)	1:70:A:LYS:HA	1:70:A:LYS:HE3	10	0.18
(9,1073)	1:38:A:GLU:HA	1:41:A:LYS:H	6	0.18
(9,1065)	1:140:A:LEU:H	1:140:A:LEU:HG	8	0.18
(9,1033)	1:11:A:ILE:HB	1:44:A:GLU:HB2	1	0.18
(9,1033)	1:11:A:ILE:HB	1:44:A:GLU:HB3	1	0.18
(9,1016)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	11	0.18
(9,1016)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	11	0.18
(9,958)	1:66:A:THR:H	1:96:A:VAL:HB	12	0.18
(9,890)	1:73:A:ILE:HB	1:76:A:ARG:HA	7	0.18
(9,890)	1:73:A:ILE:HB	1:76:A:ARG:HA	17	0.18
(9,873)	1:141:A:LYS:HA	1:148:A:CYS:HB3	11	0.18
(9,803)	1:65:A:CYS:HB3	1:69:A:MET:HE1	8	0.18
(9,803)	1:65:A:CYS:HB3	1:69:A:MET:HE2	8	0.18
(9,803)	1:65:A:CYS:HB3	1:69:A:MET:HE3	8	0.18
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	8	0.18
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	8	0.18
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	8	0.18
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	17	0.18
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	17	0.18
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	17	0.18
(9,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	13	0.18
(9,588)	1:70:A:LYS:HB2	1:75:A:GLY:H	3	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,588)	1:70:A:LYS:HB3	1:75:A:GLY:H	3	0.18
(9,545)	1:60:A:LEU:HD21	1:61:A:SER:H	13	0.18
(9,545)	1:60:A:LEU:HD22	1:61:A:SER:H	13	0.18
(9,545)	1:60:A:LEU:HD23	1:61:A:SER:H	13	0.18
(9,504)	1:105:A:LYS:H	1:105:A:LYS:HG2	3	0.18
(9,504)	1:105:A:LYS:H	1:105:A:LYS:HG3	3	0.18
(9,455)	1:142:A:LYS:H	1:143:A:TRP:HB2	12	0.18
(9,446)	1:73:A:ILE:HB	1:76:A:ARG:H	9	0.18
(9,370)	1:23:A:LEU:HB2	1:26:A:ASP:H	2	0.18
(9,370)	1:23:A:LEU:HB3	1:26:A:ASP:H	2	0.18
(9,327)	1:136:A:CYS:HA	1:140:A:LEU:H	8	0.18
(9,262)	1:27:A:ARG:HA	1:29:A:LYS:H	2	0.18
(9,262)	1:27:A:ARG:HA	1:29:A:LYS:H	12	0.18
(9,237)	1:10:A:ASN:H	1:13:A:ALA:HB1	18	0.18
(9,237)	1:10:A:ASN:H	1:13:A:ALA:HB2	18	0.18
(9,237)	1:10:A:ASN:H	1:13:A:ALA:HB3	18	0.18
(9,207)	1:101:A:ILE:H	1:101:A:ILE:HB	16	0.18
(9,189)	1:139:A:LEU:H	1:139:A:LEU:HD21	19	0.18
(9,189)	1:139:A:LEU:H	1:139:A:LEU:HD22	19	0.18
(9,189)	1:139:A:LEU:H	1:139:A:LEU:HD23	19	0.18
(9,118)	1:79:A:THR:H	1:80:A:TYR:H	6	0.18
(9,108)	1:69:A:MET:H	1:73:A:ILE:HD11	10	0.18
(9,108)	1:69:A:MET:H	1:73:A:ILE:HD12	10	0.18
(9,108)	1:69:A:MET:H	1:73:A:ILE:HD13	10	0.18
(9,69)	1:13:A:ALA:HB1	1:81:A:GLU:H	10	0.18
(9,69)	1:13:A:ALA:HB2	1:81:A:GLU:H	10	0.18
(9,69)	1:13:A:ALA:HB3	1:81:A:GLU:H	10	0.18
(9,60)	1:117:A:VAL:H	1:118:A:ASP:HB2	12	0.18
(9,44)	1:98:A:ILE:H	1:99:A:PRO:HD3	6	0.18
(9,14)	1:64:A:LYS:H	1:64:A:LYS:HD2	16	0.18
(9,14)	1:64:A:LYS:H	1:64:A:LYS:HD3	16	0.18
(7,2461)	1:143:A:TRP:H	1:144:A:LEU:HD11	5	0.18
(7,2461)	1:143:A:TRP:H	1:144:A:LEU:HD12	5	0.18
(7,2461)	1:143:A:TRP:H	1:144:A:LEU:HD13	5	0.18
(7,2461)	1:143:A:TRP:H	1:144:A:LEU:HD21	5	0.18
(7,2461)	1:143:A:TRP:H	1:144:A:LEU:HD22	5	0.18
(7,2461)	1:143:A:TRP:H	1:144:A:LEU:HD23	5	0.18
(7,2454)	1:141:A:LYS:HA	1:145:A:PRO:HD2	5	0.18
(7,2454)	1:141:A:LYS:HA	1:145:A:PRO:HD3	5	0.18
(7,2454)	1:141:A:LYS:HA	1:145:A:PRO:HD2	16	0.18
(7,2454)	1:141:A:LYS:HA	1:145:A:PRO:HD3	16	0.18
(7,2447)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	18	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2447)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	18	0.18
(7,2447)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	18	0.18
(7,2447)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	18	0.18
(7,2447)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	18	0.18
(7,2447)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	18	0.18
(7,2423)	1:134:A:VAL:HG11	1:137:A:SER:H	16	0.18
(7,2423)	1:134:A:VAL:HG12	1:137:A:SER:H	16	0.18
(7,2423)	1:134:A:VAL:HG13	1:137:A:SER:H	16	0.18
(7,2423)	1:134:A:VAL:HG21	1:137:A:SER:H	16	0.18
(7,2423)	1:134:A:VAL:HG22	1:137:A:SER:H	16	0.18
(7,2423)	1:134:A:VAL:HG23	1:137:A:SER:H	16	0.18
(7,2336)	1:111:A:GLU:H	1:111:A:GLU:HG2	3	0.18
(7,2336)	1:111:A:GLU:H	1:111:A:GLU:HG3	3	0.18
(7,2318)	1:107:A:LEU:HD11	1:112:A:GLN:H	14	0.18
(7,2318)	1:107:A:LEU:HD12	1:112:A:GLN:H	14	0.18
(7,2318)	1:107:A:LEU:HD13	1:112:A:GLN:H	14	0.18
(7,2318)	1:107:A:LEU:HD21	1:112:A:GLN:H	14	0.18
(7,2318)	1:107:A:LEU:HD22	1:112:A:GLN:H	14	0.18
(7,2318)	1:107:A:LEU:HD23	1:112:A:GLN:H	14	0.18
(7,2281)	1:101:A:ILE:H	1:119:A:LEU:HD11	8	0.18
(7,2281)	1:101:A:ILE:H	1:119:A:LEU:HD12	8	0.18
(7,2281)	1:101:A:ILE:H	1:119:A:LEU:HD13	8	0.18
(7,2281)	1:101:A:ILE:H	1:119:A:LEU:HD21	8	0.18
(7,2281)	1:101:A:ILE:H	1:119:A:LEU:HD22	8	0.18
(7,2281)	1:101:A:ILE:H	1:119:A:LEU:HD23	8	0.18
(7,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	12	0.18
(7,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	12	0.18
(7,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	12	0.18
(7,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	12	0.18
(7,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	12	0.18
(7,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	12	0.18
(7,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	12	0.18
(7,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	12	0.18
(7,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	12	0.18
(7,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	12	0.18
(7,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	12	0.18
(7,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	12	0.18
(7,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	12	0.18
(7,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	12	0.18
(7,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	12	0.18
(7,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	12	0.18
(7,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	12	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	12	0.18
(7,2213)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.18
(7,2213)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.18
(7,2213)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.18
(7,2213)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.18
(7,2127)	1:45:A:ALA:H	1:46:A:ASN:HD21	10	0.18
(7,2127)	1:45:A:ALA:H	1:46:A:ASN:HD22	10	0.18
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD11	16	0.18
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD12	16	0.18
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD13	16	0.18
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD21	16	0.18
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD22	16	0.18
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD23	16	0.18
(7,2104)	1:40:A:LEU:HD11	1:43:A:MET:HB3	17	0.18
(7,2104)	1:40:A:LEU:HD12	1:43:A:MET:HB3	17	0.18
(7,2104)	1:40:A:LEU:HD13	1:43:A:MET:HB3	17	0.18
(7,2104)	1:40:A:LEU:HD21	1:43:A:MET:HB3	17	0.18
(7,2104)	1:40:A:LEU:HD22	1:43:A:MET:HB3	17	0.18
(7,2104)	1:40:A:LEU:HD23	1:43:A:MET:HB3	17	0.18
(7,2080)	1:39:A:VAL:HB	1:140:A:LEU:HD11	17	0.18
(7,2080)	1:39:A:VAL:HB	1:140:A:LEU:HD12	17	0.18
(7,2080)	1:39:A:VAL:HB	1:140:A:LEU:HD13	17	0.18
(7,2080)	1:39:A:VAL:HB	1:140:A:LEU:HD21	17	0.18
(7,2080)	1:39:A:VAL:HB	1:140:A:LEU:HD22	17	0.18
(7,2080)	1:39:A:VAL:HB	1:140:A:LEU:HD23	17	0.18
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD11	10	0.18
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD12	10	0.18
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD13	10	0.18
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD21	10	0.18
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD22	10	0.18
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD23	10	0.18
(7,2040)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	5	0.18
(7,2040)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	5	0.18
(7,2040)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	5	0.18
(7,2040)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	5	0.18
(7,2040)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	5	0.18
(7,2040)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	5	0.18
(7,2030)	1:35:A:LEU:H	1:35:A:LEU:HD11	6	0.18
(7,2030)	1:35:A:LEU:H	1:35:A:LEU:HD12	6	0.18
(7,2030)	1:35:A:LEU:H	1:35:A:LEU:HD13	6	0.18
(7,2030)	1:35:A:LEU:H	1:35:A:LEU:HD21	6	0.18
(7,2030)	1:35:A:LEU:H	1:35:A:LEU:HD22	6	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2030)	1:35:A:LEU:H	1:35:A:LEU:HD23	6	0.18
(7,2021)	1:30:A:LEU:HD11	1:31:A:PRO:HG2	18	0.18
(7,2021)	1:30:A:LEU:HD11	1:31:A:PRO:HG3	18	0.18
(7,2021)	1:30:A:LEU:HD12	1:31:A:PRO:HG2	18	0.18
(7,2021)	1:30:A:LEU:HD12	1:31:A:PRO:HG3	18	0.18
(7,2021)	1:30:A:LEU:HD13	1:31:A:PRO:HG2	18	0.18
(7,2021)	1:30:A:LEU:HD13	1:31:A:PRO:HG3	18	0.18
(7,2021)	1:30:A:LEU:HD21	1:31:A:PRO:HG2	18	0.18
(7,2021)	1:30:A:LEU:HD21	1:31:A:PRO:HG3	18	0.18
(7,2021)	1:30:A:LEU:HD22	1:31:A:PRO:HG2	18	0.18
(7,2021)	1:30:A:LEU:HD22	1:31:A:PRO:HG3	18	0.18
(7,2021)	1:30:A:LEU:HD23	1:31:A:PRO:HG2	18	0.18
(7,2021)	1:30:A:LEU:HD23	1:31:A:PRO:HG3	18	0.18
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD11	1	0.18
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD12	1	0.18
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD13	1	0.18
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD21	1	0.18
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD22	1	0.18
(7,2017)	1:30:A:LEU:H	1:144:A:LEU:HD23	1	0.18
(7,1954)	1:15:A:ALA:HB1	1:16:A:SER:HB2	17	0.18
(7,1954)	1:15:A:ALA:HB1	1:16:A:SER:HB3	17	0.18
(7,1954)	1:15:A:ALA:HB2	1:16:A:SER:HB2	17	0.18
(7,1954)	1:15:A:ALA:HB2	1:16:A:SER:HB3	17	0.18
(7,1954)	1:15:A:ALA:HB3	1:16:A:SER:HB2	17	0.18
(7,1954)	1:15:A:ALA:HB3	1:16:A:SER:HB3	17	0.18
(7,1950)	1:14:A:VAL:HG11	1:62:A:HIS:H	17	0.18
(7,1950)	1:14:A:VAL:HG12	1:62:A:HIS:H	17	0.18
(7,1950)	1:14:A:VAL:HG13	1:62:A:HIS:H	17	0.18
(7,1950)	1:14:A:VAL:HG21	1:62:A:HIS:H	17	0.18
(7,1950)	1:14:A:VAL:HG22	1:62:A:HIS:H	17	0.18
(7,1950)	1:14:A:VAL:HG23	1:62:A:HIS:H	17	0.18
(7,1941)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	3	0.18
(7,1941)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	3	0.18
(7,1941)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	3	0.18
(7,1941)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	3	0.18
(7,1941)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	3	0.18
(7,1941)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	3	0.18
(7,1941)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	3	0.18
(7,1941)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	3	0.18
(7,1941)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	3	0.18
(7,1941)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	3	0.18
(7,1941)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	3	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1941)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	3	0.18
(7,1928)	1:12:A:VAL:HA	1:43:A:MET:HG2	2	0.18
(7,1928)	1:12:A:VAL:HA	1:43:A:MET:HG3	2	0.18
(7,1922)	1:11:A:ILE:HD11	1:46:A:ASN:HB2	7	0.18
(7,1922)	1:11:A:ILE:HD11	1:46:A:ASN:HB3	7	0.18
(7,1922)	1:11:A:ILE:HD12	1:46:A:ASN:HB2	7	0.18
(7,1922)	1:11:A:ILE:HD12	1:46:A:ASN:HB3	7	0.18
(7,1922)	1:11:A:ILE:HD13	1:46:A:ASN:HB2	7	0.18
(7,1922)	1:11:A:ILE:HD13	1:46:A:ASN:HB3	7	0.18
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	9	0.18
(7,1867)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	9	0.18
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	9	0.18
(7,1867)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	9	0.18
(7,1861)	1:104:A:PHE:HZ	1:112:A:GLN:HB2	10	0.18
(7,1861)	1:104:A:PHE:HZ	1:112:A:GLN:HB3	10	0.18
(7,1819)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	2	0.18
(7,1819)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	2	0.18
(7,1817)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	13	0.18
(7,1817)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	13	0.18
(7,1817)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	13	0.18
(7,1817)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	13	0.18
(7,1817)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	13	0.18
(7,1817)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	13	0.18
(7,1780)	1:97:A:ASP:HA	1:104:A:PHE:HD1	3	0.18
(7,1780)	1:97:A:ASP:HA	1:104:A:PHE:HD2	3	0.18
(7,1775)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	10	0.18
(7,1775)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	10	0.18
(7,1775)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	10	0.18
(7,1775)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	10	0.18
(7,1775)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	10	0.18
(7,1775)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	10	0.18
(7,1766)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	17	0.18
(7,1766)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	17	0.18
(7,1766)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	17	0.18
(7,1766)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	17	0.18
(7,1675)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	13	0.18
(7,1672)	1:34:A:LYS:HA	1:35:A:LEU:HB3	13	0.18
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	8	0.18
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	8	0.18
(7,1595)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	8	0.18
(7,1555)	1:97:A:ASP:H	1:98:A:ILE:HD11	19	0.18
(7,1555)	1:97:A:ASP:H	1:98:A:ILE:HD12	19	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1555)	1:97:A:ASP:H	1:98:A:ILE:HD13	19	0.18
(7,1554)	1:101:A:ILE:HD11	1:112:A:GLN:HA	17	0.18
(7,1554)	1:101:A:ILE:HD12	1:112:A:GLN:HA	17	0.18
(7,1554)	1:101:A:ILE:HD13	1:112:A:GLN:HA	17	0.18
(7,1537)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	19	0.18
(7,1537)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	19	0.18
(7,1537)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	19	0.18
(7,1537)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	19	0.18
(7,1537)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	19	0.18
(7,1537)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	19	0.18
(7,1523)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	13	0.18
(7,1523)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	13	0.18
(7,1523)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	13	0.18
(7,1523)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	13	0.18
(7,1523)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	13	0.18
(7,1523)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	13	0.18
(7,1483)	1:43:A:MET:H	1:43:A:MET:HE1	17	0.18
(7,1483)	1:43:A:MET:H	1:43:A:MET:HE2	17	0.18
(7,1483)	1:43:A:MET:H	1:43:A:MET:HE3	17	0.18
(7,1426)	1:50:A:ALA:HB1	1:130:A:GLY:H	3	0.18
(7,1426)	1:50:A:ALA:HB2	1:130:A:GLY:H	3	0.18
(7,1426)	1:50:A:ALA:HB3	1:130:A:GLY:H	3	0.18
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG21	3	0.18
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG22	3	0.18
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG23	3	0.18
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	3	0.18
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	3	0.18
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	3	0.18
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	8	0.18
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	8	0.18
(7,1396)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	8	0.18
(7,1347)	1:39:A:VAL:HG11	1:41:A:LYS:H	7	0.18
(7,1347)	1:39:A:VAL:HG12	1:41:A:LYS:H	7	0.18
(7,1347)	1:39:A:VAL:HG13	1:41:A:LYS:H	7	0.18
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG11	2	0.18
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG12	2	0.18
(7,1346)	1:119:A:LEU:HG	1:121:A:VAL:HG13	2	0.18
(7,1345)	1:119:A:LEU:HB2	1:121:A:VAL:HG11	9	0.18
(7,1345)	1:119:A:LEU:HB2	1:121:A:VAL:HG12	9	0.18
(7,1345)	1:119:A:LEU:HB2	1:121:A:VAL:HG13	9	0.18
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG21	8	0.18
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG22	8	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG23	8	0.18
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG11	2	0.18
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG12	2	0.18
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG13	2	0.18
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG11	8	0.18
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG12	8	0.18
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG13	8	0.18
(7,1325)	1:125:A:THR:HG21	1:128:A:LEU:HB2	7	0.18
(7,1325)	1:125:A:THR:HG22	1:128:A:LEU:HB2	7	0.18
(7,1325)	1:125:A:THR:HG23	1:128:A:LEU:HB2	7	0.18
(7,1295)	1:66:A:THR:HG21	1:96:A:VAL:HG11	6	0.18
(7,1295)	1:66:A:THR:HG21	1:96:A:VAL:HG12	6	0.18
(7,1295)	1:66:A:THR:HG21	1:96:A:VAL:HG13	6	0.18
(7,1295)	1:66:A:THR:HG22	1:96:A:VAL:HG11	6	0.18
(7,1295)	1:66:A:THR:HG22	1:96:A:VAL:HG12	6	0.18
(7,1295)	1:66:A:THR:HG22	1:96:A:VAL:HG13	6	0.18
(7,1295)	1:66:A:THR:HG23	1:96:A:VAL:HG11	6	0.18
(7,1295)	1:66:A:THR:HG23	1:96:A:VAL:HG12	6	0.18
(7,1295)	1:66:A:THR:HG23	1:96:A:VAL:HG13	6	0.18
(7,1285)	1:123:A:CYS:HB3	1:128:A:LEU:HD11	16	0.18
(7,1285)	1:123:A:CYS:HB3	1:128:A:LEU:HD12	16	0.18
(7,1285)	1:123:A:CYS:HB3	1:128:A:LEU:HD13	16	0.18
(7,1224)	1:40:A:LEU:HA	1:40:A:LEU:HD11	15	0.18
(7,1224)	1:40:A:LEU:HA	1:40:A:LEU:HD12	15	0.18
(7,1224)	1:40:A:LEU:HA	1:40:A:LEU:HD13	15	0.18
(7,1148)	1:140:A:LEU:H	1:140:A:LEU:HD21	10	0.18
(7,1148)	1:140:A:LEU:H	1:140:A:LEU:HD22	10	0.18
(7,1148)	1:140:A:LEU:H	1:140:A:LEU:HD23	10	0.18
(7,1094)	1:40:A:LEU:HB3	1:41:A:LYS:HA	17	0.18
(7,1070)	1:70:A:LYS:HA	1:70:A:LYS:HE2	10	0.18
(7,1070)	1:70:A:LYS:HA	1:70:A:LYS:HE3	10	0.18
(7,1046)	1:140:A:LEU:H	1:140:A:LEU:HG	8	0.18
(7,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	5	0.18
(7,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	5	0.18
(7,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	5	0.18
(7,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	5	0.18
(7,926)	1:69:A:MET:HG2	1:109:A:PRO:HA	18	0.18
(7,851)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	2	0.18
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD11	4	0.18
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD12	4	0.18
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD13	4	0.18
(7,721)	1:46:A:ASN:HA	1:50:A:ALA:H	8	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	13	0.18
(7,588)	1:70:A:LYS:HB2	1:75:A:GLY:H	10	0.18
(7,588)	1:70:A:LYS:HB3	1:75:A:GLY:H	10	0.18
(7,442)	1:68:A:LYS:H	1:70:A:LYS:HG3	16	0.18
(7,440)	1:73:A:ILE:HB	1:76:A:ARG:H	9	0.18
(7,373)	1:40:A:LEU:HB2	1:41:A:LYS:H	1	0.18
(7,357)	1:23:A:LEU:HB2	1:26:A:ASP:H	2	0.18
(7,357)	1:23:A:LEU:HB3	1:26:A:ASP:H	2	0.18
(7,331)	1:122:A:ASP:H	1:123:A:CYS:HA	9	0.18
(7,297)	1:128:A:LEU:HB3	1:129:A:LYS:H	8	0.18
(7,206)	1:101:A:ILE:H	1:101:A:ILE:HB	16	0.18
(7,157)	1:127:A:CYS:H	1:128:A:LEU:HB2	18	0.18
(7,123)	1:48:A:ARG:HD2	1:49:A:LYS:H	14	0.18
(7,123)	1:48:A:ARG:HD3	1:49:A:LYS:H	14	0.18
(7,108)	1:69:A:MET:H	1:73:A:ILE:HD11	10	0.18
(7,108)	1:69:A:MET:H	1:73:A:ILE:HD12	10	0.18
(7,108)	1:69:A:MET:H	1:73:A:ILE:HD13	10	0.18
(7,68)	1:44:A:GLU:HB2	1:45:A:ALA:H	1	0.18
(7,68)	1:44:A:GLU:HB3	1:45:A:ALA:H	1	0.18
(7,68)	1:44:A:GLU:HB2	1:45:A:ALA:H	7	0.18
(7,68)	1:44:A:GLU:HB3	1:45:A:ALA:H	7	0.18
(7,68)	1:44:A:GLU:HB2	1:45:A:ALA:H	14	0.18
(7,68)	1:44:A:GLU:HB3	1:45:A:ALA:H	14	0.18
(7,68)	1:44:A:GLU:HB2	1:45:A:ALA:H	17	0.18
(7,68)	1:44:A:GLU:HB3	1:45:A:ALA:H	17	0.18
(7,65)	1:13:A:ALA:HB1	1:81:A:GLU:H	8	0.18
(7,65)	1:13:A:ALA:HB2	1:81:A:GLU:H	8	0.18
(7,65)	1:13:A:ALA:HB3	1:81:A:GLU:H	8	0.18
(7,58)	1:117:A:VAL:H	1:118:A:ASP:HB2	12	0.18
(7,33)	1:95:A:ILE:HB	1:96:A:VAL:H	13	0.18
(6,2455)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	18	0.18
(6,2455)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	18	0.18
(6,2455)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	18	0.18
(6,2455)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	18	0.18
(6,2455)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	18	0.18
(6,2455)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	18	0.18
(6,2401)	1:126:A:GLY:H	1:129:A:LYS:HG2	2	0.18
(6,2401)	1:126:A:GLY:H	1:129:A:LYS:HG3	2	0.18
(6,2362)	1:115:A:ALA:H	1:116:A:GLN:HE21	9	0.18
(6,2362)	1:115:A:ALA:H	1:116:A:GLN:HE22	9	0.18
(6,2330)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	8	0.18
(6,2330)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	8	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2330)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	8	0.18
(6,2330)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	8	0.18
(6,2330)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	8	0.18
(6,2330)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	8	0.18
(6,2330)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	8	0.18
(6,2330)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	8	0.18
(6,2330)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	8	0.18
(6,2330)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	8	0.18
(6,2330)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	8	0.18
(6,2330)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	8	0.18
(6,2321)	1:105:A:LYS:HG2	1:106:A:ASP:HA	2	0.18
(6,2321)	1:105:A:LYS:HG3	1:106:A:ASP:HA	2	0.18
(6,2290)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	12	0.18
(6,2290)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	12	0.18
(6,2290)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	12	0.18
(6,2290)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	12	0.18
(6,2290)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	12	0.18
(6,2290)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	12	0.18
(6,2290)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	12	0.18
(6,2290)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	12	0.18
(6,2290)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	12	0.18
(6,2290)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	12	0.18
(6,2290)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	12	0.18
(6,2290)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	12	0.18
(6,2290)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	12	0.18
(6,2290)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	12	0.18
(6,2290)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	12	0.18
(6,2290)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	12	0.18
(6,2290)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	12	0.18
(6,2290)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	12	0.18
(6,2233)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.18
(6,2233)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.18
(6,2233)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.18
(6,2233)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.18
(6,2202)	1:57:A:LEU:HD11	1:60:A:LEU:HG	1	0.18
(6,2202)	1:57:A:LEU:HD12	1:60:A:LEU:HG	1	0.18
(6,2202)	1:57:A:LEU:HD13	1:60:A:LEU:HG	1	0.18
(6,2202)	1:57:A:LEU:HD21	1:60:A:LEU:HG	1	0.18
(6,2202)	1:57:A:LEU:HD22	1:60:A:LEU:HG	1	0.18
(6,2202)	1:57:A:LEU:HD23	1:60:A:LEU:HG	1	0.18
(6,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD11	7	0.18
(6,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD12	7	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD13	7	0.18
(6,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD21	7	0.18
(6,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD22	7	0.18
(6,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD23	7	0.18
(6,2109)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	1	0.18
(6,2109)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	1	0.18
(6,2109)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	1	0.18
(6,2109)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	1	0.18
(6,2109)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	1	0.18
(6,2109)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	1	0.18
(6,2109)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	1	0.18
(6,2109)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	1	0.18
(6,2109)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	1	0.18
(6,2109)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	1	0.18
(6,2109)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	1	0.18
(6,2109)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	1	0.18
(6,2105)	1:39:A:VAL:HB	1:140:A:LEU:HD11	17	0.18
(6,2105)	1:39:A:VAL:HB	1:140:A:LEU:HD12	17	0.18
(6,2105)	1:39:A:VAL:HB	1:140:A:LEU:HD13	17	0.18
(6,2105)	1:39:A:VAL:HB	1:140:A:LEU:HD21	17	0.18
(6,2105)	1:39:A:VAL:HB	1:140:A:LEU:HD22	17	0.18
(6,2105)	1:39:A:VAL:HB	1:140:A:LEU:HD23	17	0.18
(6,2080)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	9	0.18
(6,2080)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	9	0.18
(6,2080)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	9	0.18
(6,2080)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	9	0.18
(6,2080)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	9	0.18
(6,2080)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	9	0.18
(6,2077)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	19	0.18
(6,2077)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	19	0.18
(6,2077)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	19	0.18
(6,2077)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	19	0.18
(6,2077)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	19	0.18
(6,2077)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	19	0.18
(6,2077)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	19	0.18
(6,2077)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	19	0.18
(6,2077)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	19	0.18
(6,2077)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	19	0.18
(6,2077)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	19	0.18
(6,2077)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	19	0.18
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD11	11	0.18
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD12	11	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD13	11	0.18
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD21	11	0.18
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD22	11	0.18
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD23	11	0.18
(6,1995)	1:14:A:VAL:HB	1:131:A:LEU:HD11	7	0.18
(6,1995)	1:14:A:VAL:HB	1:131:A:LEU:HD12	7	0.18
(6,1995)	1:14:A:VAL:HB	1:131:A:LEU:HD13	7	0.18
(6,1995)	1:14:A:VAL:HB	1:131:A:LEU:HD21	7	0.18
(6,1995)	1:14:A:VAL:HB	1:131:A:LEU:HD22	7	0.18
(6,1995)	1:14:A:VAL:HB	1:131:A:LEU:HD23	7	0.18
(6,1975)	1:12:A:VAL:HA	1:43:A:MET:HG2	2	0.18
(6,1975)	1:12:A:VAL:HA	1:43:A:MET:HG3	2	0.18
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	9	0.18
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	9	0.18
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	9	0.18
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	9	0.18
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	9	0.18
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	9	0.18
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	9	0.18
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	9	0.18
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	9	0.18
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	9	0.18
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	9	0.18
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	9	0.18
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	9	0.18
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	9	0.18
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	9	0.18
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	9	0.18
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	9	0.18
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	9	0.18
(6,1959)	1:10:A:ASN:HD21	1:81:A:GLU:HB2	16	0.18
(6,1959)	1:10:A:ASN:HD21	1:81:A:GLU:HB3	16	0.18
(6,1959)	1:10:A:ASN:HD22	1:81:A:GLU:HB2	16	0.18
(6,1959)	1:10:A:ASN:HD22	1:81:A:GLU:HB3	16	0.18
(6,1900)	1:104:A:PHE:HZ	1:112:A:GLN:HB2	10	0.18
(6,1900)	1:104:A:PHE:HZ	1:112:A:GLN:HB3	10	0.18
(6,1890)	1:68:A:LYS:HA	1:72:A:PHE:HE1	7	0.18
(6,1890)	1:68:A:LYS:HA	1:72:A:PHE:HE2	7	0.18
(6,1890)	1:68:A:LYS:HA	1:72:A:PHE:HE1	14	0.18
(6,1890)	1:68:A:LYS:HA	1:72:A:PHE:HE2	14	0.18
(6,1869)	1:113:A:PHE:HE1	1:114:A:ILE:HA	8	0.18
(6,1869)	1:113:A:PHE:HE2	1:114:A:ILE:HA	8	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1853)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	2	0.18
(6,1853)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	2	0.18
(6,1851)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	13	0.18
(6,1851)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	13	0.18
(6,1851)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	13	0.18
(6,1851)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	13	0.18
(6,1851)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	13	0.18
(6,1851)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	13	0.18
(6,1829)	1:9:A:PHE:HZ	1:54:A:ARG:HA	14	0.18
(6,1824)	1:18:A:PHE:HE1	1:131:A:LEU:HB2	13	0.18
(6,1824)	1:18:A:PHE:HE2	1:131:A:LEU:HB2	13	0.18
(6,1823)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	12	0.18
(6,1823)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	12	0.18
(6,1815)	1:97:A:ASP:HA	1:104:A:PHE:HD1	3	0.18
(6,1815)	1:97:A:ASP:HA	1:104:A:PHE:HD2	3	0.18
(6,1805)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	17	0.18
(6,1805)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	17	0.18
(6,1805)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	17	0.18
(6,1805)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	17	0.18
(6,1771)	1:97:A:ASP:HA	1:105:A:LYS:HA	17	0.18
(6,1741)	1:18:A:PHE:HB2	1:132:A:ALA:HA	2	0.18
(6,1741)	1:18:A:PHE:HB3	1:132:A:ALA:HA	2	0.18
(6,1725)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.18
(6,1725)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.18
(6,1725)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.18
(6,1725)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.18
(6,1725)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.18
(6,1725)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.18
(6,1703)	1:34:A:LYS:HA	1:35:A:LEU:HB3	13	0.18
(6,1562)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	19	0.18
(6,1562)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	19	0.18
(6,1562)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	19	0.18
(6,1562)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	19	0.18
(6,1562)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	19	0.18
(6,1562)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	19	0.18
(6,1543)	1:46:A:ASN:HB2	1:134:A:VAL:H	7	0.18
(6,1540)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	13	0.18
(6,1540)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	13	0.18
(6,1540)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	13	0.18
(6,1540)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	13	0.18
(6,1540)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	13	0.18
(6,1540)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	13	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1520)	1:69:A:MET:HE1	1:110:A:MET:HA	17	0.18
(6,1520)	1:69:A:MET:HE2	1:110:A:MET:HA	17	0.18
(6,1520)	1:69:A:MET:HE3	1:110:A:MET:HA	17	0.18
(6,1512)	1:65:A:CYS:H	1:69:A:MET:HE1	16	0.18
(6,1512)	1:65:A:CYS:H	1:69:A:MET:HE2	16	0.18
(6,1512)	1:65:A:CYS:H	1:69:A:MET:HE3	16	0.18
(6,1359)	1:39:A:VAL:HG11	1:41:A:LYS:H	7	0.18
(6,1359)	1:39:A:VAL:HG12	1:41:A:LYS:H	7	0.18
(6,1359)	1:39:A:VAL:HG13	1:41:A:LYS:H	7	0.18
(6,1303)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	9	0.18
(6,1303)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	9	0.18
(6,1303)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	9	0.18
(6,1303)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	9	0.18
(6,1303)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	9	0.18
(6,1303)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	9	0.18
(6,1303)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	9	0.18
(6,1303)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	9	0.18
(6,1303)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	9	0.18
(6,1301)	1:66:A:THR:HG21	1:96:A:VAL:HG11	6	0.18
(6,1301)	1:66:A:THR:HG21	1:96:A:VAL:HG12	6	0.18
(6,1301)	1:66:A:THR:HG21	1:96:A:VAL:HG13	6	0.18
(6,1301)	1:66:A:THR:HG22	1:96:A:VAL:HG11	6	0.18
(6,1301)	1:66:A:THR:HG22	1:96:A:VAL:HG12	6	0.18
(6,1301)	1:66:A:THR:HG22	1:96:A:VAL:HG13	6	0.18
(6,1301)	1:66:A:THR:HG23	1:96:A:VAL:HG11	6	0.18
(6,1301)	1:66:A:THR:HG23	1:96:A:VAL:HG12	6	0.18
(6,1301)	1:66:A:THR:HG23	1:96:A:VAL:HG13	6	0.18
(6,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD11	4	0.18
(6,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD12	4	0.18
(6,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD13	4	0.18
(6,1145)	1:37:A:LEU:HA	1:37:A:LEU:HD21	2	0.18
(6,1145)	1:37:A:LEU:HA	1:37:A:LEU:HD22	2	0.18
(6,1145)	1:37:A:LEU:HA	1:37:A:LEU:HD23	2	0.18
(6,1073)	1:70:A:LYS:HA	1:70:A:LYS:HE2	10	0.18
(6,1073)	1:70:A:LYS:HA	1:70:A:LYS:HE3	10	0.18
(6,1052)	1:140:A:LEU:H	1:140:A:LEU:HG	8	0.18
(6,1003)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	5	0.18
(6,1003)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	5	0.18
(6,1003)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	5	0.18
(6,1003)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	5	0.18
(6,1002)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	11	0.18
(6,1002)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	11	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,809)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	14	0.18
(6,809)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	14	0.18
(6,809)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	14	0.18
(6,764)	1:101:A:ILE:HD11	1:119:A:LEU:HA	19	0.18
(6,764)	1:101:A:ILE:HD12	1:119:A:LEU:HA	19	0.18
(6,764)	1:101:A:ILE:HD13	1:119:A:LEU:HA	19	0.18
(6,582)	1:70:A:LYS:HB2	1:75:A:GLY:H	3	0.18
(6,582)	1:70:A:LYS:HB3	1:75:A:GLY:H	3	0.18
(6,536)	1:60:A:LEU:HD21	1:61:A:SER:H	13	0.18
(6,536)	1:60:A:LEU:HD22	1:61:A:SER:H	13	0.18
(6,536)	1:60:A:LEU:HD23	1:61:A:SER:H	13	0.18
(6,483)	1:98:A:ILE:H	1:105:A:LYS:H	10	0.18
(6,436)	1:73:A:ILE:HB	1:76:A:ARG:H	9	0.18
(6,314)	1:136:A:CYS:HA	1:140:A:LEU:H	8	0.18
(6,203)	1:101:A:ILE:H	1:101:A:ILE:HB	16	0.18
(6,178)	1:93:A:GLU:H	1:93:A:GLU:HG2	10	0.18
(6,178)	1:93:A:GLU:H	1:93:A:GLU:HG3	10	0.18
(6,157)	1:127:A:CYS:H	1:128:A:LEU:HB2	18	0.18
(6,115)	1:22:A:ASP:H	1:23:A:LEU:HB2	3	0.18
(6,115)	1:22:A:ASP:H	1:23:A:LEU:HB3	3	0.18
(6,108)	1:69:A:MET:H	1:73:A:ILE:HD11	10	0.18
(6,108)	1:69:A:MET:H	1:73:A:ILE:HD12	10	0.18
(6,108)	1:69:A:MET:H	1:73:A:ILE:HD13	10	0.18
(6,68)	1:13:A:ALA:HB1	1:81:A:GLU:H	8	0.18
(6,68)	1:13:A:ALA:HB2	1:81:A:GLU:H	8	0.18
(6,68)	1:13:A:ALA:HB3	1:81:A:GLU:H	8	0.18
(6,59)	1:117:A:VAL:H	1:118:A:ASP:HB2	12	0.18
(6,38)	1:98:A:ILE:H	1:105:A:LYS:HA	6	0.18
(6,15)	1:64:A:LYS:H	1:64:A:LYS:HD2	16	0.18
(6,15)	1:64:A:LYS:H	1:64:A:LYS:HD3	16	0.18
(6,1)	1:143:A:TRP:HA	1:143:A:TRP:HE1	8	0.18
(5,2392)	1:126:A:GLY:H	1:129:A:LYS:HG2	2	0.18
(5,2392)	1:126:A:GLY:H	1:129:A:LYS:HG3	2	0.18
(5,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	4	0.18
(5,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	4	0.18
(5,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	4	0.18
(5,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	4	0.18
(5,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	4	0.18
(5,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	4	0.18
(5,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	4	0.18
(5,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	4	0.18
(5,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	4	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	4	0.18
(5,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	4	0.18
(5,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	4	0.18
(5,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	4	0.18
(5,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	4	0.18
(5,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	4	0.18
(5,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	4	0.18
(5,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	4	0.18
(5,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	4	0.18
(5,2223)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.18
(5,2223)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.18
(5,2223)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.18
(5,2223)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.18
(5,2195)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	15	0.18
(5,2195)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	15	0.18
(5,2192)	1:57:A:LEU:HD11	1:60:A:LEU:HG	11	0.18
(5,2192)	1:57:A:LEU:HD12	1:60:A:LEU:HG	11	0.18
(5,2192)	1:57:A:LEU:HD13	1:60:A:LEU:HG	11	0.18
(5,2192)	1:57:A:LEU:HD21	1:60:A:LEU:HG	11	0.18
(5,2192)	1:57:A:LEU:HD22	1:60:A:LEU:HG	11	0.18
(5,2192)	1:57:A:LEU:HD23	1:60:A:LEU:HG	11	0.18
(5,2049)	1:35:A:LEU:H	1:35:A:LEU:HD11	6	0.18
(5,2049)	1:35:A:LEU:H	1:35:A:LEU:HD12	6	0.18
(5,2049)	1:35:A:LEU:H	1:35:A:LEU:HD13	6	0.18
(5,2049)	1:35:A:LEU:H	1:35:A:LEU:HD21	6	0.18
(5,2049)	1:35:A:LEU:H	1:35:A:LEU:HD22	6	0.18
(5,2049)	1:35:A:LEU:H	1:35:A:LEU:HD23	6	0.18
(5,2005)	1:17:A:ASN:HD21	1:18:A:PHE:H	2	0.18
(5,2005)	1:17:A:ASN:HD22	1:18:A:PHE:H	2	0.18
(5,1996)	1:16:A:SER:H	1:17:A:ASN:HD21	2	0.18
(5,1996)	1:16:A:SER:H	1:17:A:ASN:HD22	2	0.18
(5,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	7	0.18
(5,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	7	0.18
(5,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	7	0.18
(5,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	7	0.18
(5,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	7	0.18
(5,1950)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	7	0.18
(5,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	7	0.18
(5,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	7	0.18
(5,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	7	0.18
(5,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	7	0.18
(5,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	7	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1950)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	7	0.18
(5,1933)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	11	0.18
(5,1933)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	11	0.18
(5,1933)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	11	0.18
(5,1933)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	11	0.18
(5,1933)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	11	0.18
(5,1933)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	11	0.18
(5,1906)	1:68:A:LYS:HA	1:72:A:PHE:HE1	7	0.18
(5,1906)	1:68:A:LYS:HA	1:72:A:PHE:HE2	7	0.18
(5,1906)	1:68:A:LYS:HA	1:72:A:PHE:HE1	14	0.18
(5,1906)	1:68:A:LYS:HA	1:72:A:PHE:HE2	14	0.18
(5,1891)	1:113:A:PHE:HE1	1:114:A:ILE:HA	8	0.18
(5,1891)	1:113:A:PHE:HE2	1:114:A:ILE:HA	8	0.18
(5,1882)	1:9:A:PHE:HZ	1:11:A:ILE:HA	3	0.18
(5,1880)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	19	0.18
(5,1880)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	19	0.18
(5,1875)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	13	0.18
(5,1875)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	13	0.18
(5,1875)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	13	0.18
(5,1875)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	13	0.18
(5,1875)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	13	0.18
(5,1875)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	13	0.18
(5,1839)	1:97:A:ASP:HA	1:104:A:PHE:HD1	3	0.18
(5,1839)	1:97:A:ASP:HA	1:104:A:PHE:HD2	3	0.18
(5,1805)	1:58:A:ILE:HG21	1:62:A:HIS:HE1	12	0.18
(5,1805)	1:58:A:ILE:HG22	1:62:A:HIS:HE1	12	0.18
(5,1805)	1:58:A:ILE:HG23	1:62:A:HIS:HE1	12	0.18
(5,1805)	1:58:A:ILE:HG21	1:62:A:HIS:HE1	17	0.18
(5,1805)	1:58:A:ILE:HG22	1:62:A:HIS:HE1	17	0.18
(5,1805)	1:58:A:ILE:HG23	1:62:A:HIS:HE1	17	0.18
(5,1752)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	14	0.18
(5,1752)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	14	0.18
(5,1752)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	14	0.18
(5,1724)	1:34:A:LYS:HA	1:35:A:LEU:HB3	13	0.18
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	3	0.18
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	3	0.18
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	12	0.18
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	12	0.18
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	14	0.18
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	14	0.18
(5,1611)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	14	0.18
(5,1611)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	14	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1611)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	14	0.18
(5,1596)	1:97:A:ASP:H	1:98:A:ILE:HD11	19	0.18
(5,1596)	1:97:A:ASP:H	1:98:A:ILE:HD12	19	0.18
(5,1596)	1:97:A:ASP:H	1:98:A:ILE:HD13	19	0.18
(5,1559)	1:66:A:THR:HG21	1:96:A:VAL:HG11	6	0.18
(5,1559)	1:66:A:THR:HG21	1:96:A:VAL:HG12	6	0.18
(5,1559)	1:66:A:THR:HG21	1:96:A:VAL:HG13	6	0.18
(5,1559)	1:66:A:THR:HG22	1:96:A:VAL:HG11	6	0.18
(5,1559)	1:66:A:THR:HG22	1:96:A:VAL:HG12	6	0.18
(5,1559)	1:66:A:THR:HG22	1:96:A:VAL:HG13	6	0.18
(5,1559)	1:66:A:THR:HG23	1:96:A:VAL:HG11	6	0.18
(5,1559)	1:66:A:THR:HG23	1:96:A:VAL:HG12	6	0.18
(5,1559)	1:66:A:THR:HG23	1:96:A:VAL:HG13	6	0.18
(5,1556)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	13	0.18
(5,1556)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	13	0.18
(5,1556)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	13	0.18
(5,1556)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	13	0.18
(5,1556)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	13	0.18
(5,1556)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	13	0.18
(5,1548)	1:69:A:MET:HE1	1:112:A:GLN:HG2	9	0.18
(5,1548)	1:69:A:MET:HE1	1:112:A:GLN:HG3	9	0.18
(5,1548)	1:69:A:MET:HE2	1:112:A:GLN:HG2	9	0.18
(5,1548)	1:69:A:MET:HE2	1:112:A:GLN:HG3	9	0.18
(5,1548)	1:69:A:MET:HE3	1:112:A:GLN:HG2	9	0.18
(5,1548)	1:69:A:MET:HE3	1:112:A:GLN:HG3	9	0.18
(5,1533)	1:65:A:CYS:H	1:69:A:MET:HE1	16	0.18
(5,1533)	1:65:A:CYS:H	1:69:A:MET:HE2	16	0.18
(5,1533)	1:65:A:CYS:H	1:69:A:MET:HE3	16	0.18
(5,1477)	1:13:A:ALA:HB1	1:61:A:SER:HA	6	0.18
(5,1477)	1:13:A:ALA:HB2	1:61:A:SER:HA	6	0.18
(5,1477)	1:13:A:ALA:HB3	1:61:A:SER:HA	6	0.18
(5,1433)	1:73:A:ILE:HG21	1:110:A:MET:H	7	0.18
(5,1433)	1:73:A:ILE:HG22	1:110:A:MET:H	7	0.18
(5,1433)	1:73:A:ILE:HG23	1:110:A:MET:H	7	0.18
(5,1428)	1:100:A:ALA:HB1	1:119:A:LEU:HD11	6	0.18
(5,1428)	1:100:A:ALA:HB1	1:119:A:LEU:HD12	6	0.18
(5,1428)	1:100:A:ALA:HB1	1:119:A:LEU:HD13	6	0.18
(5,1428)	1:100:A:ALA:HB2	1:119:A:LEU:HD11	6	0.18
(5,1428)	1:100:A:ALA:HB2	1:119:A:LEU:HD12	6	0.18
(5,1428)	1:100:A:ALA:HB2	1:119:A:LEU:HD13	6	0.18
(5,1428)	1:100:A:ALA:HB3	1:119:A:LEU:HD11	6	0.18
(5,1428)	1:100:A:ALA:HB3	1:119:A:LEU:HD12	6	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1428)	1:100:A:ALA:HB3	1:119:A:LEU:HD13	6	0.18
(5,1380)	1:39:A:VAL:HG11	1:41:A:LYS:H	7	0.18
(5,1380)	1:39:A:VAL:HG12	1:41:A:LYS:H	7	0.18
(5,1380)	1:39:A:VAL:HG13	1:41:A:LYS:H	7	0.18
(5,1364)	1:125:A:THR:HG21	1:128:A:LEU:HB2	7	0.18
(5,1364)	1:125:A:THR:HG22	1:128:A:LEU:HB2	7	0.18
(5,1364)	1:125:A:THR:HG23	1:128:A:LEU:HB2	7	0.18
(5,1256)	1:40:A:LEU:HA	1:40:A:LEU:HD11	17	0.18
(5,1256)	1:40:A:LEU:HA	1:40:A:LEU:HD12	17	0.18
(5,1256)	1:40:A:LEU:HA	1:40:A:LEU:HD13	17	0.18
(5,1238)	1:136:A:CYS:HA	1:140:A:LEU:HD11	4	0.18
(5,1238)	1:136:A:CYS:HA	1:140:A:LEU:HD12	4	0.18
(5,1238)	1:136:A:CYS:HA	1:140:A:LEU:HD13	4	0.18
(5,1178)	1:140:A:LEU:HD21	1:144:A:LEU:H	9	0.18
(5,1178)	1:140:A:LEU:HD22	1:144:A:LEU:H	9	0.18
(5,1178)	1:140:A:LEU:HD23	1:144:A:LEU:H	9	0.18
(5,1167)	1:37:A:LEU:HA	1:37:A:LEU:HD21	2	0.18
(5,1167)	1:37:A:LEU:HA	1:37:A:LEU:HD22	2	0.18
(5,1167)	1:37:A:LEU:HA	1:37:A:LEU:HD23	2	0.18
(5,1139)	1:40:A:LEU:HA	1:40:A:LEU:HD21	4	0.18
(5,1139)	1:40:A:LEU:HA	1:40:A:LEU:HD22	4	0.18
(5,1139)	1:40:A:LEU:HA	1:40:A:LEU:HD23	4	0.18
(5,1129)	1:105:A:LYS:HA	1:105:A:LYS:HG2	9	0.18
(5,1109)	1:41:A:LYS:HG3	1:42:A:GLU:HA	4	0.18
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD11	17	0.18
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD12	17	0.18
(5,1049)	1:11:A:ILE:HA	1:11:A:ILE:HD13	17	0.18
(5,1000)	1:95:A:ILE:HG21	1:105:A:LYS:HB2	12	0.18
(5,1000)	1:95:A:ILE:HG21	1:105:A:LYS:HB3	12	0.18
(5,1000)	1:95:A:ILE:HG22	1:105:A:LYS:HB2	12	0.18
(5,1000)	1:95:A:ILE:HG22	1:105:A:LYS:HB3	12	0.18
(5,1000)	1:95:A:ILE:HG23	1:105:A:LYS:HB2	12	0.18
(5,1000)	1:95:A:ILE:HG23	1:105:A:LYS:HB3	12	0.18
(5,966)	1:138:A:ASP:HA	1:141:A:LYS:HB2	13	0.18
(5,966)	1:138:A:ASP:HA	1:141:A:LYS:HB3	13	0.18
(5,890)	1:73:A:ILE:HB	1:76:A:ARG:HA	16	0.18
(5,819)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	2	0.18
(5,819)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	2	0.18
(5,819)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	2	0.18
(5,819)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	2	0.18
(5,819)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	2	0.18
(5,819)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	2	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD11	2	0.18
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD12	2	0.18
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD13	2	0.18
(5,778)	1:101:A:ILE:HD11	1:119:A:LEU:HG	8	0.18
(5,778)	1:101:A:ILE:HD12	1:119:A:LEU:HG	8	0.18
(5,778)	1:101:A:ILE:HD13	1:119:A:LEU:HG	8	0.18
(5,640)	1:66:A:THR:H	1:68:A:LYS:H	8	0.18
(5,640)	1:66:A:THR:H	1:68:A:LYS:H	13	0.18
(5,545)	1:73:A:ILE:HD11	1:110:A:MET:H	14	0.18
(5,545)	1:73:A:ILE:HD12	1:110:A:MET:H	14	0.18
(5,545)	1:73:A:ILE:HD13	1:110:A:MET:H	14	0.18
(5,441)	1:142:A:LYS:H	1:143:A:TRP:HB2	12	0.18
(5,432)	1:73:A:ILE:HB	1:76:A:ARG:H	9	0.18
(5,327)	1:122:A:ASP:H	1:123:A:CYS:HA	9	0.18
(5,310)	1:136:A:CYS:HA	1:140:A:LEU:H	8	0.18
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD11	6	0.18
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD12	6	0.18
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD13	6	0.18
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD11	12	0.18
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD12	12	0.18
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD13	12	0.18
(5,249)	1:27:A:ARG:HA	1:29:A:LYS:H	2	0.18
(5,249)	1:27:A:ARG:HA	1:29:A:LYS:H	12	0.18
(5,237)	1:23:A:LEU:HB2	1:24:A:ASP:H	7	0.18
(5,237)	1:23:A:LEU:HB3	1:24:A:ASP:H	7	0.18
(5,200)	1:101:A:ILE:H	1:101:A:ILE:HB	16	0.18
(5,152)	1:127:A:CYS:H	1:128:A:LEU:HB2	18	0.18
(5,136)	1:57:A:LEU:HA	1:59:A:CYS:H	5	0.18
(5,128)	1:12:A:VAL:H	1:13:A:ALA:HB1	1	0.18
(5,128)	1:12:A:VAL:H	1:13:A:ALA:HB2	1	0.18
(5,128)	1:12:A:VAL:H	1:13:A:ALA:HB3	1	0.18
(5,119)	1:48:A:ARG:HD2	1:49:A:LYS:H	14	0.18
(5,119)	1:48:A:ARG:HD3	1:49:A:LYS:H	14	0.18
(5,104)	1:69:A:MET:H	1:73:A:ILE:HD11	10	0.18
(5,104)	1:69:A:MET:H	1:73:A:ILE:HD12	10	0.18
(5,104)	1:69:A:MET:H	1:73:A:ILE:HD13	10	0.18
(5,56)	1:117:A:VAL:H	1:118:A:ASP:HB2	12	0.18
(5,27)	1:13:A:ALA:H	1:14:A:VAL:HB	15	0.18
(5,15)	1:64:A:LYS:H	1:64:A:LYS:HD2	16	0.18
(5,15)	1:64:A:LYS:H	1:64:A:LYS:HD3	16	0.18
(4,2455)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	18	0.18
(4,2455)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	18	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2455)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	18	0.18
(4,2455)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	18	0.18
(4,2455)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	18	0.18
(4,2455)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	18	0.18
(4,2428)	1:134:A:VAL:HG11	1:137:A:SER:H	16	0.18
(4,2428)	1:134:A:VAL:HG12	1:137:A:SER:H	16	0.18
(4,2428)	1:134:A:VAL:HG13	1:137:A:SER:H	16	0.18
(4,2428)	1:134:A:VAL:HG21	1:137:A:SER:H	16	0.18
(4,2428)	1:134:A:VAL:HG22	1:137:A:SER:H	16	0.18
(4,2428)	1:134:A:VAL:HG23	1:137:A:SER:H	16	0.18
(4,2391)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	19	0.18
(4,2391)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	19	0.18
(4,2391)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	19	0.18
(4,2391)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	19	0.18
(4,2391)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	19	0.18
(4,2391)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	19	0.18
(4,2300)	1:101:A:ILE:H	1:119:A:LEU:HD11	8	0.18
(4,2300)	1:101:A:ILE:H	1:119:A:LEU:HD12	8	0.18
(4,2300)	1:101:A:ILE:H	1:119:A:LEU:HD13	8	0.18
(4,2300)	1:101:A:ILE:H	1:119:A:LEU:HD21	8	0.18
(4,2300)	1:101:A:ILE:H	1:119:A:LEU:HD22	8	0.18
(4,2300)	1:101:A:ILE:H	1:119:A:LEU:HD23	8	0.18
(4,2264)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	15	0.18
(4,2264)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	15	0.18
(4,2264)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	15	0.18
(4,2264)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	15	0.18
(4,2221)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.18
(4,2221)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.18
(4,2221)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.18
(4,2221)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.18
(4,2199)	1:60:A:LEU:HD11	1:120:A:CYS:HA	14	0.18
(4,2199)	1:60:A:LEU:HD12	1:120:A:CYS:HA	14	0.18
(4,2199)	1:60:A:LEU:HD13	1:120:A:CYS:HA	14	0.18
(4,2199)	1:60:A:LEU:HD21	1:120:A:CYS:HA	14	0.18
(4,2199)	1:60:A:LEU:HD22	1:120:A:CYS:HA	14	0.18
(4,2199)	1:60:A:LEU:HD23	1:120:A:CYS:HA	14	0.18
(4,2190)	1:57:A:LEU:HD11	1:60:A:LEU:HG	11	0.18
(4,2190)	1:57:A:LEU:HD12	1:60:A:LEU:HG	11	0.18
(4,2190)	1:57:A:LEU:HD13	1:60:A:LEU:HG	11	0.18
(4,2190)	1:57:A:LEU:HD21	1:60:A:LEU:HG	11	0.18
(4,2190)	1:57:A:LEU:HD22	1:60:A:LEU:HG	11	0.18
(4,2190)	1:57:A:LEU:HD23	1:60:A:LEU:HG	11	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2117)	1:40:A:LEU:HA	1:40:A:LEU:HD11	7	0.18
(4,2117)	1:40:A:LEU:HA	1:40:A:LEU:HD12	7	0.18
(4,2117)	1:40:A:LEU:HA	1:40:A:LEU:HD13	7	0.18
(4,2117)	1:40:A:LEU:HA	1:40:A:LEU:HD21	7	0.18
(4,2117)	1:40:A:LEU:HA	1:40:A:LEU:HD22	7	0.18
(4,2117)	1:40:A:LEU:HA	1:40:A:LEU:HD23	7	0.18
(4,2103)	1:39:A:VAL:HG11	1:44:A:GLU:H	10	0.18
(4,2103)	1:39:A:VAL:HG12	1:44:A:GLU:H	10	0.18
(4,2103)	1:39:A:VAL:HG13	1:44:A:GLU:H	10	0.18
(4,2103)	1:39:A:VAL:HG21	1:44:A:GLU:H	10	0.18
(4,2103)	1:39:A:VAL:HG22	1:44:A:GLU:H	10	0.18
(4,2103)	1:39:A:VAL:HG23	1:44:A:GLU:H	10	0.18
(4,1990)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	12	0.18
(4,1990)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	12	0.18
(4,1990)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	12	0.18
(4,1990)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	12	0.18
(4,1990)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	12	0.18
(4,1990)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	12	0.18
(4,1990)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	12	0.18
(4,1990)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	12	0.18
(4,1990)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	12	0.18
(4,1990)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	12	0.18
(4,1990)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	12	0.18
(4,1990)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	12	0.18
(4,1990)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	12	0.18
(4,1990)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	12	0.18
(4,1990)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	12	0.18
(4,1990)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	12	0.18
(4,1990)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	12	0.18
(4,1990)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	12	0.18
(4,1990)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	12	0.18
(4,1990)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	12	0.18
(4,1990)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	12	0.18
(4,1990)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	12	0.18
(4,1990)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	12	0.18
(4,1990)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	12	0.18
(4,1990)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	12	0.18
(4,1990)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	12	0.18
(4,1990)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	12	0.18
(4,1990)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	12	0.18
(4,1990)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	12	0.18
(4,1990)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	12	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1990)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	12	0.18
(4,1990)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	12	0.18
(4,1990)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	12	0.18
(4,1990)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	12	0.18
(4,1990)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	12	0.18
(4,1990)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	12	0.18
(4,1989)	1:14:A:VAL:HG11	1:62:A:HIS:H	17	0.18
(4,1989)	1:14:A:VAL:HG12	1:62:A:HIS:H	17	0.18
(4,1989)	1:14:A:VAL:HG13	1:62:A:HIS:H	17	0.18
(4,1989)	1:14:A:VAL:HG21	1:62:A:HIS:H	17	0.18
(4,1989)	1:14:A:VAL:HG22	1:62:A:HIS:H	17	0.18
(4,1989)	1:14:A:VAL:HG23	1:62:A:HIS:H	17	0.18
(4,1981)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	19	0.18
(4,1981)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	19	0.18
(4,1981)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	19	0.18
(4,1981)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	19	0.18
(4,1981)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	19	0.18
(4,1981)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	19	0.18
(4,1954)	1:12:A:VAL:HA	1:43:A:MET:HG2	2	0.18
(4,1954)	1:12:A:VAL:HA	1:43:A:MET:HG3	2	0.18
(4,1948)	1:11:A:ILE:HD11	1:46:A:ASN:HB2	7	0.18
(4,1948)	1:11:A:ILE:HD11	1:46:A:ASN:HB3	7	0.18
(4,1948)	1:11:A:ILE:HD12	1:46:A:ASN:HB2	7	0.18
(4,1948)	1:11:A:ILE:HD12	1:46:A:ASN:HB3	7	0.18
(4,1948)	1:11:A:ILE:HD13	1:46:A:ASN:HB2	7	0.18
(4,1948)	1:11:A:ILE:HD13	1:46:A:ASN:HB3	7	0.18
(4,1865)	1:104:A:PHE:HZ	1:112:A:GLN:HB2	10	0.18
(4,1865)	1:104:A:PHE:HZ	1:112:A:GLN:HB3	10	0.18
(4,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	18	0.18
(4,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	18	0.18
(4,1825)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	13	0.18
(4,1825)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	13	0.18
(4,1825)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	13	0.18
(4,1825)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	13	0.18
(4,1825)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	13	0.18
(4,1825)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	13	0.18
(4,1792)	1:97:A:ASP:HA	1:104:A:PHE:HD1	3	0.18
(4,1792)	1:97:A:ASP:HA	1:104:A:PHE:HD2	3	0.18
(4,1788)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	10	0.18
(4,1788)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	10	0.18
(4,1788)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	10	0.18
(4,1788)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	10	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1788)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	10	0.18
(4,1788)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	10	0.18
(4,1777)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	17	0.18
(4,1777)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	17	0.18
(4,1752)	1:65:A:CYS:HB2	1:69:A:MET:HE1	1	0.18
(4,1752)	1:65:A:CYS:HB2	1:69:A:MET:HE2	1	0.18
(4,1752)	1:65:A:CYS:HB2	1:69:A:MET:HE3	1	0.18
(4,1738)	1:145:A:PRO:HB2	1:146:A:GLN:HA	7	0.18
(4,1703)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.18
(4,1703)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.18
(4,1703)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.18
(4,1703)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.18
(4,1703)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.18
(4,1703)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.18
(4,1681)	1:34:A:LYS:HA	1:35:A:LEU:HB3	13	0.18
(4,1655)	1:125:A:THR:HA	1:128:A:LEU:HA	4	0.18
(4,1655)	1:125:A:THR:HA	1:128:A:LEU:HA	13	0.18
(4,1563)	1:97:A:ASP:H	1:98:A:ILE:HD11	19	0.18
(4,1563)	1:97:A:ASP:H	1:98:A:ILE:HD12	19	0.18
(4,1563)	1:97:A:ASP:H	1:98:A:ILE:HD13	19	0.18
(4,1544)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	19	0.18
(4,1544)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	19	0.18
(4,1544)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	19	0.18
(4,1544)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	19	0.18
(4,1544)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	19	0.18
(4,1544)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	19	0.18
(4,1527)	1:63:A:ILE:HG21	1:69:A:MET:HE1	8	0.18
(4,1527)	1:63:A:ILE:HG21	1:69:A:MET:HE2	8	0.18
(4,1527)	1:63:A:ILE:HG21	1:69:A:MET:HE3	8	0.18
(4,1527)	1:63:A:ILE:HG22	1:69:A:MET:HE1	8	0.18
(4,1527)	1:63:A:ILE:HG22	1:69:A:MET:HE2	8	0.18
(4,1527)	1:63:A:ILE:HG22	1:69:A:MET:HE3	8	0.18
(4,1527)	1:63:A:ILE:HG23	1:69:A:MET:HE1	8	0.18
(4,1527)	1:63:A:ILE:HG23	1:69:A:MET:HE2	8	0.18
(4,1527)	1:63:A:ILE:HG23	1:69:A:MET:HE3	8	0.18
(4,1502)	1:110:A:MET:HE1	1:113:A:PHE:HE1	15	0.18
(4,1502)	1:110:A:MET:HE1	1:113:A:PHE:HE2	15	0.18
(4,1502)	1:110:A:MET:HE2	1:113:A:PHE:HE1	15	0.18
(4,1502)	1:110:A:MET:HE2	1:113:A:PHE:HE2	15	0.18
(4,1502)	1:110:A:MET:HE3	1:113:A:PHE:HE1	15	0.18
(4,1502)	1:110:A:MET:HE3	1:113:A:PHE:HE2	15	0.18
(4,1498)	1:65:A:CYS:H	1:69:A:MET:HE1	16	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1498)	1:65:A:CYS:H	1:69:A:MET:HE2	16	0.18
(4,1498)	1:65:A:CYS:H	1:69:A:MET:HE3	16	0.18
(4,1491)	1:98:A:ILE:HG21	1:101:A:ILE:HB	5	0.18
(4,1491)	1:98:A:ILE:HG22	1:101:A:ILE:HB	5	0.18
(4,1491)	1:98:A:ILE:HG23	1:101:A:ILE:HB	5	0.18
(4,1460)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	3	0.18
(4,1460)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	3	0.18
(4,1460)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	3	0.18
(4,1460)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	3	0.18
(4,1460)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	3	0.18
(4,1460)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	3	0.18
(4,1414)	1:50:A:ALA:HB1	1:127:A:CYS:HA	16	0.18
(4,1414)	1:50:A:ALA:HB2	1:127:A:CYS:HA	16	0.18
(4,1414)	1:50:A:ALA:HB3	1:127:A:CYS:HA	16	0.18
(4,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	1	0.18
(4,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	1	0.18
(4,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	1	0.18
(4,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	1	0.18
(4,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	1	0.18
(4,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	1	0.18
(4,1376)	1:9:A:PHE:HE1	1:11:A:ILE:HG21	2	0.18
(4,1376)	1:9:A:PHE:HE1	1:11:A:ILE:HG22	2	0.18
(4,1376)	1:9:A:PHE:HE1	1:11:A:ILE:HG23	2	0.18
(4,1376)	1:9:A:PHE:HE2	1:11:A:ILE:HG21	2	0.18
(4,1376)	1:9:A:PHE:HE2	1:11:A:ILE:HG22	2	0.18
(4,1376)	1:9:A:PHE:HE2	1:11:A:ILE:HG23	2	0.18
(4,1294)	1:66:A:THR:HG21	1:96:A:VAL:HG11	6	0.18
(4,1294)	1:66:A:THR:HG21	1:96:A:VAL:HG12	6	0.18
(4,1294)	1:66:A:THR:HG21	1:96:A:VAL:HG13	6	0.18
(4,1294)	1:66:A:THR:HG22	1:96:A:VAL:HG11	6	0.18
(4,1294)	1:66:A:THR:HG22	1:96:A:VAL:HG12	6	0.18
(4,1294)	1:66:A:THR:HG22	1:96:A:VAL:HG13	6	0.18
(4,1294)	1:66:A:THR:HG23	1:96:A:VAL:HG11	6	0.18
(4,1294)	1:66:A:THR:HG23	1:96:A:VAL:HG12	6	0.18
(4,1294)	1:66:A:THR:HG23	1:96:A:VAL:HG13	6	0.18
(4,1271)	1:128:A:LEU:H	1:128:A:LEU:HD21	19	0.18
(4,1271)	1:128:A:LEU:H	1:128:A:LEU:HD22	19	0.18
(4,1271)	1:128:A:LEU:H	1:128:A:LEU:HD23	19	0.18
(4,1235)	1:23:A:LEU:HA	1:23:A:LEU:HD11	14	0.18
(4,1235)	1:23:A:LEU:HA	1:23:A:LEU:HD12	14	0.18
(4,1235)	1:23:A:LEU:HA	1:23:A:LEU:HD13	14	0.18
(4,1224)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	5	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1224)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	5	0.18
(4,1224)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	5	0.18
(4,1224)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	5	0.18
(4,1224)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	5	0.18
(4,1224)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	5	0.18
(4,1224)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	5	0.18
(4,1224)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	5	0.18
(4,1224)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	5	0.18
(4,1223)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	18	0.18
(4,1223)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	18	0.18
(4,1223)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	18	0.18
(4,1223)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	18	0.18
(4,1223)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	18	0.18
(4,1223)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	18	0.18
(4,1197)	1:110:A:MET:HA	1:113:A:PHE:HB2	13	0.18
(4,1151)	1:136:A:CYS:HA	1:140:A:LEU:HD21	5	0.18
(4,1151)	1:136:A:CYS:HA	1:140:A:LEU:HD22	5	0.18
(4,1151)	1:136:A:CYS:HA	1:140:A:LEU:HD23	5	0.18
(4,1151)	1:136:A:CYS:HA	1:140:A:LEU:HD21	6	0.18
(4,1151)	1:136:A:CYS:HA	1:140:A:LEU:HD22	6	0.18
(4,1151)	1:136:A:CYS:HA	1:140:A:LEU:HD23	6	0.18
(4,1138)	1:37:A:LEU:HA	1:37:A:LEU:HD21	2	0.18
(4,1138)	1:37:A:LEU:HA	1:37:A:LEU:HD22	2	0.18
(4,1138)	1:37:A:LEU:HA	1:37:A:LEU:HD23	2	0.18
(4,1093)	1:41:A:LYS:HA	1:44:A:GLU:HB2	12	0.18
(4,1093)	1:41:A:LYS:HA	1:44:A:GLU:HB3	12	0.18
(4,1025)	1:20:A:THR:HG21	1:21:A:THR:HA	14	0.18
(4,1025)	1:20:A:THR:HG22	1:21:A:THR:HA	14	0.18
(4,1025)	1:20:A:THR:HG23	1:21:A:THR:HA	14	0.18
(4,956)	1:138:A:ASP:HA	1:141:A:LYS:HB2	13	0.18
(4,956)	1:138:A:ASP:HA	1:141:A:LYS:HB3	13	0.18
(4,864)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	16	0.18
(4,864)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	16	0.18
(4,864)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	16	0.18
(4,860)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	10	0.18
(4,838)	1:48:A:ARG:HA	1:48:A:ARG:HD2	8	0.18
(4,838)	1:48:A:ARG:HA	1:48:A:ARG:HD3	8	0.18
(4,810)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	14	0.18
(4,810)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	14	0.18
(4,810)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	14	0.18
(4,799)	1:65:A:CYS:HB3	1:69:A:MET:HE1	8	0.18
(4,799)	1:65:A:CYS:HB3	1:69:A:MET:HE2	8	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,799)	1:65:A:CYS:HB3	1:69:A:MET:HE3	8	0.18
(4,770)	1:101:A:ILE:HD11	1:119:A:LEU:HG	8	0.18
(4,770)	1:101:A:ILE:HD12	1:119:A:LEU:HG	8	0.18
(4,770)	1:101:A:ILE:HD13	1:119:A:LEU:HG	8	0.18
(4,749)	1:37:A:LEU:H	1:40:A:LEU:HB3	1	0.18
(4,714)	1:46:A:ASN:HA	1:50:A:ALA:H	8	0.18
(4,661)	1:63:A:ILE:HG12	1:117:A:VAL:H	17	0.18
(4,653)	1:108:A:GLU:H	1:112:A:GLN:H	3	0.18
(4,653)	1:108:A:GLU:H	1:112:A:GLN:H	18	0.18
(4,582)	1:75:A:GLY:H	1:76:A:ARG:HG2	19	0.18
(4,582)	1:75:A:GLY:H	1:76:A:ARG:HG3	19	0.18
(4,543)	1:73:A:ILE:HD11	1:110:A:MET:H	14	0.18
(4,543)	1:73:A:ILE:HD12	1:110:A:MET:H	14	0.18
(4,543)	1:73:A:ILE:HD13	1:110:A:MET:H	14	0.18
(4,441)	1:142:A:LYS:H	1:143:A:TRP:HB2	12	0.18
(4,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	13	0.18
(4,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	13	0.18
(4,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	14	0.18
(4,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	14	0.18
(4,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	19	0.18
(4,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	19	0.18
(4,310)	1:136:A:CYS:HA	1:140:A:LEU:H	8	0.18
(4,304)	1:64:A:LYS:HD2	1:65:A:CYS:H	17	0.18
(4,304)	1:64:A:LYS:HD3	1:65:A:CYS:H	17	0.18
(4,252)	1:27:A:ARG:HA	1:29:A:LYS:H	14	0.18
(4,202)	1:101:A:ILE:H	1:101:A:ILE:HB	16	0.18
(4,163)	1:94:A:ALA:HB1	1:95:A:ILE:H	6	0.18
(4,163)	1:94:A:ALA:HB2	1:95:A:ILE:H	6	0.18
(4,163)	1:94:A:ALA:HB3	1:95:A:ILE:H	6	0.18
(4,131)	1:12:A:VAL:H	1:13:A:ALA:HB1	1	0.18
(4,131)	1:12:A:VAL:H	1:13:A:ALA:HB2	1	0.18
(4,131)	1:12:A:VAL:H	1:13:A:ALA:HB3	1	0.18
(4,108)	1:69:A:MET:H	1:73:A:ILE:HD11	10	0.18
(4,108)	1:69:A:MET:H	1:73:A:ILE:HD12	10	0.18
(4,108)	1:69:A:MET:H	1:73:A:ILE:HD13	10	0.18
(4,36)	1:95:A:ILE:HB	1:96:A:VAL:H	13	0.18
(4,34)	1:96:A:VAL:H	1:97:A:ASP:HB2	19	0.18
(4,34)	1:96:A:VAL:H	1:97:A:ASP:HB3	19	0.18
(4,1)	1:143:A:TRP:HA	1:143:A:TRP:HE1	8	0.18
(3,2498)	1:140:A:LEU:HD11	1:143:A:TRP:HD1	17	0.18
(3,2498)	1:140:A:LEU:HD12	1:143:A:TRP:HD1	17	0.18
(3,2498)	1:140:A:LEU:HD13	1:143:A:TRP:HD1	17	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2498)	1:140:A:LEU:HD21	1:143:A:TRP:HD1	17	0.18
(3,2498)	1:140:A:LEU:HD22	1:143:A:TRP:HD1	17	0.18
(3,2498)	1:140:A:LEU:HD23	1:143:A:TRP:HD1	17	0.18
(3,2478)	1:139:A:LEU:H	1:140:A:LEU:HD11	4	0.18
(3,2478)	1:139:A:LEU:H	1:140:A:LEU:HD12	4	0.18
(3,2478)	1:139:A:LEU:H	1:140:A:LEU:HD13	4	0.18
(3,2478)	1:139:A:LEU:H	1:140:A:LEU:HD21	4	0.18
(3,2478)	1:139:A:LEU:H	1:140:A:LEU:HD22	4	0.18
(3,2478)	1:139:A:LEU:H	1:140:A:LEU:HD23	4	0.18
(3,2466)	1:134:A:VAL:HG11	1:137:A:SER:HB2	14	0.18
(3,2466)	1:134:A:VAL:HG11	1:137:A:SER:HB3	14	0.18
(3,2466)	1:134:A:VAL:HG12	1:137:A:SER:HB2	14	0.18
(3,2466)	1:134:A:VAL:HG12	1:137:A:SER:HB3	14	0.18
(3,2466)	1:134:A:VAL:HG13	1:137:A:SER:HB2	14	0.18
(3,2466)	1:134:A:VAL:HG13	1:137:A:SER:HB3	14	0.18
(3,2466)	1:134:A:VAL:HG21	1:137:A:SER:HB2	14	0.18
(3,2466)	1:134:A:VAL:HG21	1:137:A:SER:HB3	14	0.18
(3,2466)	1:134:A:VAL:HG22	1:137:A:SER:HB2	14	0.18
(3,2466)	1:134:A:VAL:HG22	1:137:A:SER:HB3	14	0.18
(3,2466)	1:134:A:VAL:HG23	1:137:A:SER:HB2	14	0.18
(3,2466)	1:134:A:VAL:HG23	1:137:A:SER:HB3	14	0.18
(3,2359)	1:107:A:LEU:HA	1:108:A:GLU:HG2	1	0.18
(3,2359)	1:107:A:LEU:HA	1:108:A:GLU:HG3	1	0.18
(3,2359)	1:107:A:LEU:HA	1:108:A:GLU:HG2	3	0.18
(3,2359)	1:107:A:LEU:HA	1:108:A:GLU:HG3	3	0.18
(3,2355)	1:106:A:ASP:H	1:107:A:LEU:HD11	11	0.18
(3,2355)	1:106:A:ASP:H	1:107:A:LEU:HD12	11	0.18
(3,2355)	1:106:A:ASP:H	1:107:A:LEU:HD13	11	0.18
(3,2355)	1:106:A:ASP:H	1:107:A:LEU:HD21	11	0.18
(3,2355)	1:106:A:ASP:H	1:107:A:LEU:HD22	11	0.18
(3,2355)	1:106:A:ASP:H	1:107:A:LEU:HD23	11	0.18
(3,2233)	1:60:A:LEU:HD11	1:123:A:CYS:H	5	0.18
(3,2233)	1:60:A:LEU:HD12	1:123:A:CYS:H	5	0.18
(3,2233)	1:60:A:LEU:HD13	1:123:A:CYS:H	5	0.18
(3,2233)	1:60:A:LEU:HD21	1:123:A:CYS:H	5	0.18
(3,2233)	1:60:A:LEU:HD22	1:123:A:CYS:H	5	0.18
(3,2233)	1:60:A:LEU:HD23	1:123:A:CYS:H	5	0.18
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	16	0.18
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	16	0.18
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	16	0.18
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	16	0.18
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	16	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	16	0.18
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG11	16	0.18
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG12	16	0.18
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG13	16	0.18
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG21	16	0.18
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG22	16	0.18
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG23	16	0.18
(3,2087)	1:32:A:GLY:HA2	1:81:A:GLU:H	9	0.18
(3,2087)	1:32:A:GLY:HA3	1:81:A:GLU:H	9	0.18
(3,2064)	1:23:A:LEU:HD11	1:24:A:ASP:H	16	0.18
(3,2064)	1:23:A:LEU:HD12	1:24:A:ASP:H	16	0.18
(3,2064)	1:23:A:LEU:HD13	1:24:A:ASP:H	16	0.18
(3,2064)	1:23:A:LEU:HD21	1:24:A:ASP:H	16	0.18
(3,2064)	1:23:A:LEU:HD22	1:24:A:ASP:H	16	0.18
(3,2064)	1:23:A:LEU:HD23	1:24:A:ASP:H	16	0.18
(3,2055)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	9	0.18
(3,2055)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	9	0.18
(3,2055)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	9	0.18
(3,2055)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	9	0.18
(3,2055)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	9	0.18
(3,2055)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	9	0.18
(3,2055)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	9	0.18
(3,2055)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	9	0.18
(3,2055)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	9	0.18
(3,2055)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	9	0.18
(3,2055)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	9	0.18
(3,2055)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	9	0.18
(3,1991)	1:12:A:VAL:HA	1:43:A:MET:HG2	2	0.18
(3,1991)	1:12:A:VAL:HA	1:43:A:MET:HG3	2	0.18
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	4	0.18
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	4	0.18
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	4	0.18
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	4	0.18
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	4	0.18
(3,1979)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	4	0.18
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	4	0.18
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	4	0.18
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	4	0.18
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	4	0.18
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	4	0.18
(3,1979)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	4	0.18
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	4	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	4	0.18
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	4	0.18
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	4	0.18
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	4	0.18
(3,1979)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	4	0.18
(3,1936)	1:13:A:ALA:H	1:80:A:TYR:HE1	13	0.18
(3,1936)	1:13:A:ALA:H	1:80:A:TYR:HE2	13	0.18
(3,1918)	1:104:A:PHE:HZ	1:112:A:GLN:HB2	10	0.18
(3,1918)	1:104:A:PHE:HZ	1:112:A:GLN:HB3	10	0.18
(3,1883)	1:9:A:PHE:HZ	1:11:A:ILE:HA	3	0.18
(3,1881)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	19	0.18
(3,1881)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	19	0.18
(3,1877)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	13	0.18
(3,1877)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	13	0.18
(3,1877)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	13	0.18
(3,1877)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	13	0.18
(3,1877)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	13	0.18
(3,1877)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	13	0.18
(3,1867)	1:61:A:SER:H	1:62:A:HIS:HD2	16	0.18
(3,1853)	1:9:A:PHE:HZ	1:54:A:ARG:HA	14	0.18
(3,1846)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	11	0.18
(3,1846)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	11	0.18
(3,1846)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	11	0.18
(3,1846)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	11	0.18
(3,1846)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	11	0.18
(3,1846)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	11	0.18
(3,1839)	1:97:A:ASP:HA	1:104:A:PHE:HD1	3	0.18
(3,1839)	1:97:A:ASP:HA	1:104:A:PHE:HD2	3	0.18
(3,1828)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	17	0.18
(3,1828)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	17	0.18
(3,1828)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	17	0.18
(3,1828)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	17	0.18
(3,1798)	1:97:A:ASP:HA	1:105:A:LYS:HA	17	0.18
(3,1753)	1:19:A:ALA:HB1	1:20:A:THR:HG21	2	0.18
(3,1753)	1:19:A:ALA:HB1	1:20:A:THR:HG22	2	0.18
(3,1753)	1:19:A:ALA:HB1	1:20:A:THR:HG23	2	0.18
(3,1753)	1:19:A:ALA:HB2	1:20:A:THR:HG21	2	0.18
(3,1753)	1:19:A:ALA:HB2	1:20:A:THR:HG22	2	0.18
(3,1753)	1:19:A:ALA:HB2	1:20:A:THR:HG23	2	0.18
(3,1753)	1:19:A:ALA:HB3	1:20:A:THR:HG21	2	0.18
(3,1753)	1:19:A:ALA:HB3	1:20:A:THR:HG22	2	0.18
(3,1753)	1:19:A:ALA:HB3	1:20:A:THR:HG23	2	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1753)	1:19:A:ALA:HB1	1:20:A:THR:HG21	15	0.18
(3,1753)	1:19:A:ALA:HB1	1:20:A:THR:HG22	15	0.18
(3,1753)	1:19:A:ALA:HB1	1:20:A:THR:HG23	15	0.18
(3,1753)	1:19:A:ALA:HB2	1:20:A:THR:HG21	15	0.18
(3,1753)	1:19:A:ALA:HB2	1:20:A:THR:HG22	15	0.18
(3,1753)	1:19:A:ALA:HB2	1:20:A:THR:HG23	15	0.18
(3,1753)	1:19:A:ALA:HB3	1:20:A:THR:HG21	15	0.18
(3,1753)	1:19:A:ALA:HB3	1:20:A:THR:HG22	15	0.18
(3,1753)	1:19:A:ALA:HB3	1:20:A:THR:HG23	15	0.18
(3,1734)	1:34:A:LYS:HA	1:35:A:LEU:HB3	13	0.18
(3,1689)	1:69:A:MET:HE1	1:116:A:GLN:HG3	19	0.18
(3,1689)	1:69:A:MET:HE2	1:116:A:GLN:HG3	19	0.18
(3,1689)	1:69:A:MET:HE3	1:116:A:GLN:HG3	19	0.18
(3,1686)	1:69:A:MET:HE1	1:112:A:GLN:H	10	0.18
(3,1686)	1:69:A:MET:HE2	1:112:A:GLN:H	10	0.18
(3,1686)	1:69:A:MET:HE3	1:112:A:GLN:H	10	0.18
(3,1641)	1:105:A:LYS:H	1:107:A:LEU:HD21	8	0.18
(3,1641)	1:105:A:LYS:H	1:107:A:LEU:HD22	8	0.18
(3,1641)	1:105:A:LYS:H	1:107:A:LEU:HD23	8	0.18
(3,1615)	1:97:A:ASP:H	1:98:A:ILE:HD11	19	0.18
(3,1615)	1:97:A:ASP:H	1:98:A:ILE:HD12	19	0.18
(3,1615)	1:97:A:ASP:H	1:98:A:ILE:HD13	19	0.18
(3,1593)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	19	0.18
(3,1593)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	19	0.18
(3,1593)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	19	0.18
(3,1593)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	19	0.18
(3,1593)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	19	0.18
(3,1593)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	19	0.18
(3,1568)	1:63:A:ILE:HG21	1:113:A:PHE:HD1	13	0.18
(3,1568)	1:63:A:ILE:HG21	1:113:A:PHE:HD2	13	0.18
(3,1568)	1:63:A:ILE:HG22	1:113:A:PHE:HD1	13	0.18
(3,1568)	1:63:A:ILE:HG22	1:113:A:PHE:HD2	13	0.18
(3,1568)	1:63:A:ILE:HG23	1:113:A:PHE:HD1	13	0.18
(3,1568)	1:63:A:ILE:HG23	1:113:A:PHE:HD2	13	0.18
(3,1549)	1:69:A:MET:HE1	1:110:A:MET:HA	17	0.18
(3,1549)	1:69:A:MET:HE2	1:110:A:MET:HA	17	0.18
(3,1549)	1:69:A:MET:HE3	1:110:A:MET:HA	17	0.18
(3,1541)	1:65:A:CYS:H	1:69:A:MET:HE1	16	0.18
(3,1541)	1:65:A:CYS:H	1:69:A:MET:HE2	16	0.18
(3,1541)	1:65:A:CYS:H	1:69:A:MET:HE3	16	0.18
(3,1534)	1:98:A:ILE:HG21	1:119:A:LEU:HG	12	0.18
(3,1534)	1:98:A:ILE:HG22	1:119:A:LEU:HG	12	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1534)	1:98:A:ILE:HG23	1:119:A:LEU:HG	12	0.18
(3,1525)	1:12:A:VAL:H	1:43:A:MET:HE1	19	0.18
(3,1525)	1:12:A:VAL:H	1:43:A:MET:HE2	19	0.18
(3,1525)	1:12:A:VAL:H	1:43:A:MET:HE3	19	0.18
(3,1453)	1:50:A:ALA:HB1	1:127:A:CYS:HA	16	0.18
(3,1453)	1:50:A:ALA:HB2	1:127:A:CYS:HA	16	0.18
(3,1453)	1:50:A:ALA:HB3	1:127:A:CYS:HA	16	0.18
(3,1437)	1:73:A:ILE:HG21	1:110:A:MET:H	7	0.18
(3,1437)	1:73:A:ILE:HG22	1:110:A:MET:H	7	0.18
(3,1437)	1:73:A:ILE:HG23	1:110:A:MET:H	7	0.18
(3,1426)	1:132:A:ALA:HB1	1:133:A:ASN:HD22	17	0.18
(3,1426)	1:132:A:ALA:HB2	1:133:A:ASN:HD22	17	0.18
(3,1426)	1:132:A:ALA:HB3	1:133:A:ASN:HD22	17	0.18
(3,1389)	1:119:A:LEU:HB2	1:121:A:VAL:HG11	9	0.18
(3,1389)	1:119:A:LEU:HB2	1:121:A:VAL:HG12	9	0.18
(3,1389)	1:119:A:LEU:HB2	1:121:A:VAL:HG13	9	0.18
(3,1338)	1:66:A:THR:HG21	1:96:A:VAL:HG11	6	0.18
(3,1338)	1:66:A:THR:HG21	1:96:A:VAL:HG12	6	0.18
(3,1338)	1:66:A:THR:HG21	1:96:A:VAL:HG13	6	0.18
(3,1338)	1:66:A:THR:HG22	1:96:A:VAL:HG11	6	0.18
(3,1338)	1:66:A:THR:HG22	1:96:A:VAL:HG12	6	0.18
(3,1338)	1:66:A:THR:HG22	1:96:A:VAL:HG13	6	0.18
(3,1338)	1:66:A:THR:HG23	1:96:A:VAL:HG11	6	0.18
(3,1338)	1:66:A:THR:HG23	1:96:A:VAL:HG12	6	0.18
(3,1338)	1:66:A:THR:HG23	1:96:A:VAL:HG13	6	0.18
(3,1284)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	10	0.18
(3,1284)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	10	0.18
(3,1284)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	10	0.18
(3,1248)	1:144:A:LEU:HD21	1:145:A:PRO:HD2	11	0.18
(3,1248)	1:144:A:LEU:HD22	1:145:A:PRO:HD2	11	0.18
(3,1248)	1:144:A:LEU:HD23	1:145:A:PRO:HD2	11	0.18
(3,1218)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	5	0.18
(3,1218)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	5	0.18
(3,1218)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	5	0.18
(3,1218)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	5	0.18
(3,1218)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	5	0.18
(3,1218)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	5	0.18
(3,1218)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	5	0.18
(3,1218)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	5	0.18
(3,1218)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	5	0.18
(3,1188)	1:140:A:LEU:HD21	1:144:A:LEU:H	9	0.18
(3,1188)	1:140:A:LEU:HD22	1:144:A:LEU:H	9	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1188)	1:140:A:LEU:HD23	1:144:A:LEU:H	9	0.18
(3,1119)	1:41:A:LYS:HG3	1:42:A:GLU:HA	16	0.18
(3,1107)	1:70:A:LYS:HA	1:70:A:LYS:HE2	10	0.18
(3,1107)	1:70:A:LYS:HA	1:70:A:LYS:HE3	10	0.18
(3,1092)	1:44:A:GLU:HA	1:48:A:ARG:HB2	9	0.18
(3,1092)	1:44:A:GLU:HA	1:48:A:ARG:HB3	9	0.18
(3,1092)	1:44:A:GLU:HA	1:48:A:ARG:HB2	14	0.18
(3,1092)	1:44:A:GLU:HA	1:48:A:ARG:HB3	14	0.18
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD11	7	0.18
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD12	7	0.18
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD13	7	0.18
(3,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	5	0.18
(3,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	5	0.18
(3,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	5	0.18
(3,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	5	0.18
(3,1032)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	5	0.18
(3,982)	1:69:A:MET:H	1:109:A:PRO:HB2	16	0.18
(3,982)	1:69:A:MET:H	1:109:A:PRO:HB3	16	0.18
(3,878)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	10	0.18
(3,796)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	6	0.18
(3,796)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	6	0.18
(3,796)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	6	0.18
(3,796)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	6	0.18
(3,796)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	6	0.18
(3,796)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	6	0.18
(3,772)	1:37:A:LEU:H	1:40:A:LEU:HB3	1	0.18
(3,737)	1:73:A:ILE:HG21	1:76:A:ARG:HE	10	0.18
(3,737)	1:73:A:ILE:HG22	1:76:A:ARG:HE	10	0.18
(3,737)	1:73:A:ILE:HG23	1:76:A:ARG:HE	10	0.18
(3,637)	1:9:A:PHE:HE1	1:58:A:ILE:H	14	0.18
(3,637)	1:9:A:PHE:HE2	1:58:A:ILE:H	14	0.18
(3,443)	1:73:A:ILE:HB	1:76:A:ARG:H	9	0.18
(3,379)	1:40:A:LEU:HB2	1:41:A:LYS:H	4	0.18
(3,379)	1:40:A:LEU:HB2	1:41:A:LYS:H	5	0.18
(3,362)	1:23:A:LEU:HB2	1:26:A:ASP:H	2	0.18
(3,362)	1:23:A:LEU:HB3	1:26:A:ASP:H	2	0.18
(3,272)	1:112:A:GLN:H	1:112:A:GLN:HE21	18	0.18
(3,242)	1:23:A:LEU:HD11	1:24:A:ASP:H	18	0.18
(3,242)	1:23:A:LEU:HD12	1:24:A:ASP:H	18	0.18
(3,242)	1:23:A:LEU:HD13	1:24:A:ASP:H	18	0.18
(3,233)	1:10:A:ASN:H	1:13:A:ALA:HB1	18	0.18
(3,233)	1:10:A:ASN:H	1:13:A:ALA:HB2	18	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,233)	1:10:A:ASN:H	1:13:A:ALA:HB3	18	0.18
(3,204)	1:101:A:ILE:H	1:101:A:ILE:HB	16	0.18
(3,188)	1:58:A:ILE:HG21	1:60:A:LEU:H	5	0.18
(3,188)	1:58:A:ILE:HG22	1:60:A:LEU:H	5	0.18
(3,188)	1:58:A:ILE:HG23	1:60:A:LEU:H	5	0.18
(3,132)	1:12:A:VAL:H	1:13:A:ALA:HB1	1	0.18
(3,132)	1:12:A:VAL:H	1:13:A:ALA:HB2	1	0.18
(3,132)	1:12:A:VAL:H	1:13:A:ALA:HB3	1	0.18
(3,118)	1:79:A:THR:H	1:80:A:TYR:H	6	0.18
(3,62)	1:117:A:VAL:H	1:118:A:ASP:HB2	12	0.18
(3,17)	1:64:A:LYS:H	1:64:A:LYS:HD2	16	0.18
(3,17)	1:64:A:LYS:H	1:64:A:LYS:HD3	16	0.18
(2,2456)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	12	0.18
(2,2456)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	12	0.18
(2,2456)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	12	0.18
(2,2456)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	12	0.18
(2,2456)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	12	0.18
(2,2456)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	12	0.18
(2,2440)	1:137:A:SER:HB2	1:140:A:LEU:HB2	6	0.18
(2,2440)	1:137:A:SER:HB3	1:140:A:LEU:HB2	6	0.18
(2,2350)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	5	0.18
(2,2350)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	5	0.18
(2,2350)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	5	0.18
(2,2350)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	5	0.18
(2,2350)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	5	0.18
(2,2350)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	5	0.18
(2,2350)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	5	0.18
(2,2350)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	5	0.18
(2,2350)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	5	0.18
(2,2350)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	5	0.18
(2,2350)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	5	0.18
(2,2350)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	5	0.18
(2,2323)	1:101:A:ILE:H	1:119:A:LEU:HD11	8	0.18
(2,2323)	1:101:A:ILE:H	1:119:A:LEU:HD12	8	0.18
(2,2323)	1:101:A:ILE:H	1:119:A:LEU:HD13	8	0.18
(2,2323)	1:101:A:ILE:H	1:119:A:LEU:HD21	8	0.18
(2,2323)	1:101:A:ILE:H	1:119:A:LEU:HD22	8	0.18
(2,2323)	1:101:A:ILE:H	1:119:A:LEU:HD23	8	0.18
(2,2249)	1:65:A:CYS:HB2	1:69:A:MET:HG2	4	0.18
(2,2249)	1:65:A:CYS:HB2	1:69:A:MET:HG3	4	0.18
(2,2249)	1:65:A:CYS:HB3	1:69:A:MET:HG2	4	0.18
(2,2249)	1:65:A:CYS:HB3	1:69:A:MET:HG3	4	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2118)	1:39:A:VAL:HA	1:139:A:LEU:HD11	4	0.18
(2,2118)	1:39:A:VAL:HA	1:139:A:LEU:HD12	4	0.18
(2,2118)	1:39:A:VAL:HA	1:139:A:LEU:HD13	4	0.18
(2,2118)	1:39:A:VAL:HA	1:139:A:LEU:HD21	4	0.18
(2,2118)	1:39:A:VAL:HA	1:139:A:LEU:HD22	4	0.18
(2,2118)	1:39:A:VAL:HA	1:139:A:LEU:HD23	4	0.18
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG11	16	0.18
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG12	16	0.18
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG13	16	0.18
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG21	16	0.18
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG22	16	0.18
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG23	16	0.18
(2,2057)	1:23:A:LEU:HD11	1:26:A:ASP:HA	3	0.18
(2,2057)	1:23:A:LEU:HD12	1:26:A:ASP:HA	3	0.18
(2,2057)	1:23:A:LEU:HD13	1:26:A:ASP:HA	3	0.18
(2,2057)	1:23:A:LEU:HD21	1:26:A:ASP:HA	3	0.18
(2,2057)	1:23:A:LEU:HD22	1:26:A:ASP:HA	3	0.18
(2,2057)	1:23:A:LEU:HD23	1:26:A:ASP:HA	3	0.18
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	3	0.18
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	3	0.18
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	3	0.18
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	3	0.18
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	3	0.18
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	3	0.18
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	3	0.18
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	3	0.18
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	3	0.18
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	3	0.18
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	3	0.18
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	3	0.18
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	3	0.18
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	3	0.18
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	3	0.18
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	3	0.18
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	3	0.18
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	3	0.18
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	3	0.18
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	3	0.18
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	3	0.18
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	3	0.18
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	3	0.18
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	3	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	3	0.18
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	3	0.18
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	3	0.18
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	3	0.18
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	3	0.18
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	3	0.18
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	3	0.18
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	3	0.18
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	3	0.18
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	3	0.18
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	3	0.18
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	3	0.18
(2,2013)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	19	0.18
(2,2013)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	19	0.18
(2,2013)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	19	0.18
(2,2013)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	19	0.18
(2,2013)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	19	0.18
(2,2013)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	19	0.18
(2,1995)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	3	0.18
(2,1995)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	3	0.18
(2,1995)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	3	0.18
(2,1995)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	3	0.18
(2,1995)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	3	0.18
(2,1995)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	3	0.18
(2,1995)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	3	0.18
(2,1995)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	3	0.18
(2,1995)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	3	0.18
(2,1995)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	3	0.18
(2,1995)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	3	0.18
(2,1995)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	3	0.18
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	4	0.18
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	4	0.18
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	4	0.18
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	4	0.18
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	4	0.18
(2,1974)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	4	0.18
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	4	0.18
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	4	0.18
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	4	0.18
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	4	0.18
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	4	0.18
(2,1974)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	4	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	4	0.18
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	4	0.18
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	4	0.18
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	4	0.18
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	4	0.18
(2,1974)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	4	0.18
(2,1948)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	18	0.18
(2,1948)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	18	0.18
(2,1936)	1:13:A:ALA:H	1:80:A:TYR:HE1	13	0.18
(2,1936)	1:13:A:ALA:H	1:80:A:TYR:HE2	13	0.18
(2,1927)	1:151:A:PHE:H	1:151:A:PHE:HD1	4	0.18
(2,1927)	1:151:A:PHE:H	1:151:A:PHE:HD2	4	0.18
(2,1916)	1:104:A:PHE:HZ	1:112:A:GLN:HB2	10	0.18
(2,1916)	1:104:A:PHE:HZ	1:112:A:GLN:HB3	10	0.18
(2,1880)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	19	0.18
(2,1880)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	19	0.18
(2,1844)	1:113:A:PHE:HD1	1:114:A:ILE:HD11	6	0.18
(2,1844)	1:113:A:PHE:HD1	1:114:A:ILE:HD12	6	0.18
(2,1844)	1:113:A:PHE:HD1	1:114:A:ILE:HD13	6	0.18
(2,1844)	1:113:A:PHE:HD2	1:114:A:ILE:HD11	6	0.18
(2,1844)	1:113:A:PHE:HD2	1:114:A:ILE:HD12	6	0.18
(2,1844)	1:113:A:PHE:HD2	1:114:A:ILE:HD13	6	0.18
(2,1839)	1:97:A:ASP:HA	1:104:A:PHE:HD1	3	0.18
(2,1839)	1:97:A:ASP:HA	1:104:A:PHE:HD2	3	0.18
(2,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	17	0.18
(2,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	17	0.18
(2,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	17	0.18
(2,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	17	0.18
(2,1800)	1:58:A:ILE:HG21	1:62:A:HIS:HE1	12	0.18
(2,1800)	1:58:A:ILE:HG22	1:62:A:HIS:HE1	12	0.18
(2,1800)	1:58:A:ILE:HG23	1:62:A:HIS:HE1	12	0.18
(2,1800)	1:58:A:ILE:HG21	1:62:A:HIS:HE1	17	0.18
(2,1800)	1:58:A:ILE:HG22	1:62:A:HIS:HE1	17	0.18
(2,1800)	1:58:A:ILE:HG23	1:62:A:HIS:HE1	17	0.18
(2,1788)	1:65:A:CYS:HB2	1:69:A:MET:HE1	1	0.18
(2,1788)	1:65:A:CYS:HB2	1:69:A:MET:HE2	1	0.18
(2,1788)	1:65:A:CYS:HB2	1:69:A:MET:HE3	1	0.18
(2,1743)	1:21:A:THR:HG21	1:24:A:ASP:HB2	3	0.18
(2,1743)	1:21:A:THR:HG21	1:24:A:ASP:HB3	3	0.18
(2,1743)	1:21:A:THR:HG22	1:24:A:ASP:HB2	3	0.18
(2,1743)	1:21:A:THR:HG22	1:24:A:ASP:HB3	3	0.18
(2,1743)	1:21:A:THR:HG23	1:24:A:ASP:HB2	3	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1743)	1:21:A:THR:HG23	1:24:A:ASP:HB3	3	0.18
(2,1720)	1:34:A:LYS:HA	1:35:A:LEU:HB3	13	0.18
(2,1671)	1:69:A:MET:HE1	1:112:A:GLN:H	10	0.18
(2,1671)	1:69:A:MET:HE2	1:112:A:GLN:H	10	0.18
(2,1671)	1:69:A:MET:HE3	1:112:A:GLN:H	10	0.18
(2,1608)	1:63:A:ILE:HG21	1:117:A:VAL:HG21	17	0.18
(2,1608)	1:63:A:ILE:HG21	1:117:A:VAL:HG22	17	0.18
(2,1608)	1:63:A:ILE:HG21	1:117:A:VAL:HG23	17	0.18
(2,1608)	1:63:A:ILE:HG22	1:117:A:VAL:HG21	17	0.18
(2,1608)	1:63:A:ILE:HG22	1:117:A:VAL:HG22	17	0.18
(2,1608)	1:63:A:ILE:HG22	1:117:A:VAL:HG23	17	0.18
(2,1608)	1:63:A:ILE:HG23	1:117:A:VAL:HG21	17	0.18
(2,1608)	1:63:A:ILE:HG23	1:117:A:VAL:HG22	17	0.18
(2,1608)	1:63:A:ILE:HG23	1:117:A:VAL:HG23	17	0.18
(2,1596)	1:97:A:ASP:H	1:98:A:ILE:HD11	19	0.18
(2,1596)	1:97:A:ASP:H	1:98:A:ILE:HD12	19	0.18
(2,1596)	1:97:A:ASP:H	1:98:A:ILE:HD13	19	0.18
(2,1591)	1:62:A:HIS:H	1:63:A:ILE:HD11	17	0.18
(2,1591)	1:62:A:HIS:H	1:63:A:ILE:HD12	17	0.18
(2,1591)	1:62:A:HIS:H	1:63:A:ILE:HD13	17	0.18
(2,1518)	1:65:A:CYS:H	1:69:A:MET:HE1	16	0.18
(2,1518)	1:65:A:CYS:H	1:69:A:MET:HE2	16	0.18
(2,1518)	1:65:A:CYS:H	1:69:A:MET:HE3	16	0.18
(2,1476)	1:42:A:GLU:H	1:45:A:ALA:HB1	10	0.18
(2,1476)	1:42:A:GLU:H	1:45:A:ALA:HB2	10	0.18
(2,1476)	1:42:A:GLU:H	1:45:A:ALA:HB3	10	0.18
(2,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	19	0.18
(2,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	19	0.18
(2,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	19	0.18
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG11	15	0.18
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG12	15	0.18
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG13	15	0.18
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG11	16	0.18
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG12	16	0.18
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG13	16	0.18
(2,1313)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	9	0.18
(2,1313)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	9	0.18
(2,1313)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	9	0.18
(2,1313)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	9	0.18
(2,1313)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	9	0.18
(2,1313)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	9	0.18
(2,1313)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	9	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1313)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	9	0.18
(2,1313)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	9	0.18
(2,1312)	1:66:A:THR:HG21	1:96:A:VAL:HG11	6	0.18
(2,1312)	1:66:A:THR:HG21	1:96:A:VAL:HG12	6	0.18
(2,1312)	1:66:A:THR:HG21	1:96:A:VAL:HG13	6	0.18
(2,1312)	1:66:A:THR:HG22	1:96:A:VAL:HG11	6	0.18
(2,1312)	1:66:A:THR:HG22	1:96:A:VAL:HG12	6	0.18
(2,1312)	1:66:A:THR:HG22	1:96:A:VAL:HG13	6	0.18
(2,1312)	1:66:A:THR:HG23	1:96:A:VAL:HG11	6	0.18
(2,1312)	1:66:A:THR:HG23	1:96:A:VAL:HG12	6	0.18
(2,1312)	1:66:A:THR:HG23	1:96:A:VAL:HG13	6	0.18
(2,1298)	1:11:A:ILE:HA	1:14:A:VAL:HG11	16	0.18
(2,1298)	1:11:A:ILE:HA	1:14:A:VAL:HG12	16	0.18
(2,1298)	1:11:A:ILE:HA	1:14:A:VAL:HG13	16	0.18
(2,1290)	1:128:A:LEU:H	1:128:A:LEU:HD21	19	0.18
(2,1290)	1:128:A:LEU:H	1:128:A:LEU:HD22	19	0.18
(2,1290)	1:128:A:LEU:H	1:128:A:LEU:HD23	19	0.18
(2,1272)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	4	0.18
(2,1272)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	4	0.18
(2,1272)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	4	0.18
(2,1258)	1:39:A:VAL:H	1:39:A:VAL:HG21	18	0.18
(2,1258)	1:39:A:VAL:H	1:39:A:VAL:HG22	18	0.18
(2,1258)	1:39:A:VAL:H	1:39:A:VAL:HG23	18	0.18
(2,1245)	1:37:A:LEU:HD11	1:38:A:GLU:HA	18	0.18
(2,1245)	1:37:A:LEU:HD12	1:38:A:GLU:HA	18	0.18
(2,1245)	1:37:A:LEU:HD13	1:38:A:GLU:HA	18	0.18
(2,1199)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	19	0.18
(2,1199)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	19	0.18
(2,1199)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	19	0.18
(2,1170)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	17	0.18
(2,1170)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	17	0.18
(2,1170)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	17	0.18
(2,1163)	1:136:A:CYS:HA	1:140:A:LEU:HD21	5	0.18
(2,1163)	1:136:A:CYS:HA	1:140:A:LEU:HD22	5	0.18
(2,1163)	1:136:A:CYS:HA	1:140:A:LEU:HD23	5	0.18
(2,1163)	1:136:A:CYS:HA	1:140:A:LEU:HD21	6	0.18
(2,1163)	1:136:A:CYS:HA	1:140:A:LEU:HD22	6	0.18
(2,1163)	1:136:A:CYS:HA	1:140:A:LEU:HD23	6	0.18
(2,1161)	1:140:A:LEU:HD21	1:144:A:LEU:H	9	0.18
(2,1161)	1:140:A:LEU:HD22	1:144:A:LEU:H	9	0.18
(2,1161)	1:140:A:LEU:HD23	1:144:A:LEU:H	9	0.18
(2,1145)	1:13:A:ALA:HB1	1:80:A:TYR:HA	5	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1145)	1:13:A:ALA:HB2	1:80:A:TYR:HA	5	0.18
(2,1145)	1:13:A:ALA:HB3	1:80:A:TYR:HA	5	0.18
(2,1111)	1:66:A:THR:HG21	1:105:A:LYS:HA	18	0.18
(2,1111)	1:66:A:THR:HG22	1:105:A:LYS:HA	18	0.18
(2,1111)	1:66:A:THR:HG23	1:105:A:LYS:HA	18	0.18
(2,1031)	1:11:A:ILE:HB	1:44:A:GLU:HB2	1	0.18
(2,1031)	1:11:A:ILE:HB	1:44:A:GLU:HB3	1	0.18
(2,959)	1:11:A:ILE:HG12	1:14:A:VAL:HB	3	0.18
(2,927)	1:69:A:MET:HG2	1:109:A:PRO:HA	18	0.18
(2,801)	1:65:A:CYS:HB3	1:69:A:MET:HE1	8	0.18
(2,801)	1:65:A:CYS:HB3	1:69:A:MET:HE2	8	0.18
(2,801)	1:65:A:CYS:HB3	1:69:A:MET:HE3	8	0.18
(2,779)	1:11:A:ILE:HA	1:11:A:ILE:HD11	3	0.18
(2,779)	1:11:A:ILE:HA	1:11:A:ILE:HD12	3	0.18
(2,779)	1:11:A:ILE:HA	1:11:A:ILE:HD13	3	0.18
(2,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	6	0.18
(2,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	6	0.18
(2,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	6	0.18
(2,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	6	0.18
(2,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	6	0.18
(2,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	6	0.18
(2,620)	1:35:A:LEU:H	1:80:A:TYR:HB2	13	0.18
(2,560)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	3	0.18
(2,551)	1:73:A:ILE:HD11	1:110:A:MET:H	14	0.18
(2,551)	1:73:A:ILE:HD12	1:110:A:MET:H	14	0.18
(2,551)	1:73:A:ILE:HD13	1:110:A:MET:H	14	0.18
(2,538)	1:60:A:LEU:HD21	1:61:A:SER:H	13	0.18
(2,538)	1:60:A:LEU:HD22	1:61:A:SER:H	13	0.18
(2,538)	1:60:A:LEU:HD23	1:61:A:SER:H	13	0.18
(2,438)	1:73:A:ILE:HB	1:76:A:ARG:H	9	0.18
(2,412)	1:125:A:THR:H	1:125:A:THR:HB	8	0.18
(2,412)	1:125:A:THR:H	1:125:A:THR:HB	14	0.18
(2,357)	1:23:A:LEU:HB2	1:26:A:ASP:H	2	0.18
(2,357)	1:23:A:LEU:HB3	1:26:A:ASP:H	2	0.18
(2,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	5	0.18
(2,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	5	0.18
(2,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	5	0.18
(2,242)	1:23:A:LEU:HD21	1:24:A:ASP:H	15	0.18
(2,242)	1:23:A:LEU:HD22	1:24:A:ASP:H	15	0.18
(2,242)	1:23:A:LEU:HD23	1:24:A:ASP:H	15	0.18
(2,236)	1:47:A:ALA:HB1	1:50:A:ALA:H	3	0.18
(2,236)	1:47:A:ALA:HB2	1:50:A:ALA:H	3	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,236)	1:47:A:ALA:HB3	1:50:A:ALA:H	3	0.18
(2,236)	1:47:A:ALA:HB1	1:50:A:ALA:H	10	0.18
(2,236)	1:47:A:ALA:HB2	1:50:A:ALA:H	10	0.18
(2,236)	1:47:A:ALA:HB3	1:50:A:ALA:H	10	0.18
(2,203)	1:101:A:ILE:H	1:101:A:ILE:HB	16	0.18
(2,180)	1:93:A:GLU:H	1:93:A:GLU:HG2	10	0.18
(2,180)	1:93:A:GLU:H	1:93:A:GLU:HG3	10	0.18
(2,67)	1:13:A:ALA:HB1	1:81:A:GLU:H	10	0.18
(2,67)	1:13:A:ALA:HB2	1:81:A:GLU:H	10	0.18
(2,67)	1:13:A:ALA:HB3	1:81:A:GLU:H	10	0.18
(2,59)	1:117:A:VAL:H	1:118:A:ASP:HB2	12	0.18
(2,31)	1:96:A:VAL:H	1:97:A:ASP:HB2	19	0.18
(2,31)	1:96:A:VAL:H	1:97:A:ASP:HB3	19	0.18
(2,25)	1:10:A:ASN:HB3	1:13:A:ALA:H	11	0.18
(1,2426)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	18	0.18
(1,2426)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	18	0.18
(1,2426)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	18	0.18
(1,2426)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	18	0.18
(1,2426)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	18	0.18
(1,2426)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	18	0.18
(1,2338)	1:116:A:GLN:H	1:117:A:VAL:HG11	3	0.18
(1,2338)	1:116:A:GLN:H	1:117:A:VAL:HG12	3	0.18
(1,2338)	1:116:A:GLN:H	1:117:A:VAL:HG13	3	0.18
(1,2338)	1:116:A:GLN:H	1:117:A:VAL:HG21	3	0.18
(1,2338)	1:116:A:GLN:H	1:117:A:VAL:HG22	3	0.18
(1,2338)	1:116:A:GLN:H	1:117:A:VAL:HG23	3	0.18
(1,2338)	1:116:A:GLN:H	1:117:A:VAL:HG11	17	0.18
(1,2338)	1:116:A:GLN:H	1:117:A:VAL:HG12	17	0.18
(1,2338)	1:116:A:GLN:H	1:117:A:VAL:HG13	17	0.18
(1,2338)	1:116:A:GLN:H	1:117:A:VAL:HG21	17	0.18
(1,2338)	1:116:A:GLN:H	1:117:A:VAL:HG22	17	0.18
(1,2338)	1:116:A:GLN:H	1:117:A:VAL:HG23	17	0.18
(1,2302)	1:107:A:LEU:HA	1:108:A:GLU:HG2	1	0.18
(1,2302)	1:107:A:LEU:HA	1:108:A:GLU:HG3	1	0.18
(1,2302)	1:107:A:LEU:HA	1:108:A:GLU:HG2	3	0.18
(1,2302)	1:107:A:LEU:HA	1:108:A:GLU:HG3	3	0.18
(1,2264)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	12	0.18
(1,2264)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	12	0.18
(1,2264)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	12	0.18
(1,2264)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	12	0.18
(1,2264)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	12	0.18
(1,2264)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	12	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2264)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	12	0.18
(1,2264)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	12	0.18
(1,2264)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	12	0.18
(1,2264)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	12	0.18
(1,2264)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	12	0.18
(1,2264)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	12	0.18
(1,2264)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	12	0.18
(1,2264)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	12	0.18
(1,2264)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	12	0.18
(1,2264)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	12	0.18
(1,2264)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	12	0.18
(1,2264)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	12	0.18
(1,2244)	1:75:A:GLY:H	1:77:A:CYS:HB2	14	0.18
(1,2244)	1:75:A:GLY:H	1:77:A:CYS:HB3	14	0.18
(1,2210)	1:65:A:CYS:HB2	1:70:A:LYS:HA	18	0.18
(1,2210)	1:65:A:CYS:HB3	1:70:A:LYS:HA	18	0.18
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG11	12	0.18
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG12	12	0.18
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG13	12	0.18
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG21	12	0.18
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG22	12	0.18
(1,2139)	1:43:A:MET:HE1	1:134:A:VAL:HG23	12	0.18
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG11	12	0.18
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG12	12	0.18
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG13	12	0.18
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG21	12	0.18
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG22	12	0.18
(1,2139)	1:43:A:MET:HE2	1:134:A:VAL:HG23	12	0.18
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG11	12	0.18
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG12	12	0.18
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG13	12	0.18
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG21	12	0.18
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG22	12	0.18
(1,2139)	1:43:A:MET:HE3	1:134:A:VAL:HG23	12	0.18
(1,2123)	1:40:A:LEU:HD11	1:43:A:MET:HB3	17	0.18
(1,2123)	1:40:A:LEU:HD12	1:43:A:MET:HB3	17	0.18
(1,2123)	1:40:A:LEU:HD13	1:43:A:MET:HB3	17	0.18
(1,2123)	1:40:A:LEU:HD21	1:43:A:MET:HB3	17	0.18
(1,2123)	1:40:A:LEU:HD22	1:43:A:MET:HB3	17	0.18
(1,2123)	1:40:A:LEU:HD23	1:43:A:MET:HB3	17	0.18
(1,2120)	1:40:A:LEU:HD11	1:41:A:LYS:H	19	0.18
(1,2120)	1:40:A:LEU:HD12	1:41:A:LYS:H	19	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2120)	1:40:A:LEU:HD13	1:41:A:LYS:H	19	0.18
(1,2120)	1:40:A:LEU:HD21	1:41:A:LYS:H	19	0.18
(1,2120)	1:40:A:LEU:HD22	1:41:A:LYS:H	19	0.18
(1,2120)	1:40:A:LEU:HD23	1:41:A:LYS:H	19	0.18
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD11	8	0.18
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD12	8	0.18
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD13	8	0.18
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD21	8	0.18
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD22	8	0.18
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD23	8	0.18
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD11	8	0.18
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD12	8	0.18
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD13	8	0.18
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD21	8	0.18
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD22	8	0.18
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD23	8	0.18
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD11	16	0.18
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD12	16	0.18
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD13	16	0.18
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD21	16	0.18
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD22	16	0.18
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD23	16	0.18
(1,2026)	1:23:A:LEU:HD11	1:25:A:ALA:H	18	0.18
(1,2026)	1:23:A:LEU:HD12	1:25:A:ALA:H	18	0.18
(1,2026)	1:23:A:LEU:HD13	1:25:A:ALA:H	18	0.18
(1,2026)	1:23:A:LEU:HD21	1:25:A:ALA:H	18	0.18
(1,2026)	1:23:A:LEU:HD22	1:25:A:ALA:H	18	0.18
(1,2026)	1:23:A:LEU:HD23	1:25:A:ALA:H	18	0.18
(1,2006)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	2	0.18
(1,2006)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	2	0.18
(1,2006)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	2	0.18
(1,2006)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	2	0.18
(1,2006)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	2	0.18
(1,2006)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	2	0.18
(1,1954)	1:11:A:ILE:HG13	1:131:A:LEU:HD11	4	0.18
(1,1954)	1:11:A:ILE:HG13	1:131:A:LEU:HD12	4	0.18
(1,1954)	1:11:A:ILE:HG13	1:131:A:LEU:HD13	4	0.18
(1,1954)	1:11:A:ILE:HG13	1:131:A:LEU:HD21	4	0.18
(1,1954)	1:11:A:ILE:HG13	1:131:A:LEU:HD22	4	0.18
(1,1954)	1:11:A:ILE:HG13	1:131:A:LEU:HD23	4	0.18
(1,1927)	1:13:A:ALA:H	1:80:A:TYR:HE1	13	0.18
(1,1927)	1:13:A:ALA:H	1:80:A:TYR:HE2	13	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1915)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	10	0.18
(1,1915)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	10	0.18
(1,1915)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	10	0.18
(1,1915)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	10	0.18
(1,1915)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	10	0.18
(1,1915)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	10	0.18
(1,1907)	1:104:A:PHE:HZ	1:112:A:GLN:HB2	10	0.18
(1,1907)	1:104:A:PHE:HZ	1:112:A:GLN:HB3	10	0.18
(1,1882)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	14	0.18
(1,1882)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	14	0.18
(1,1879)	1:113:A:PHE:HE1	1:114:A:ILE:HA	8	0.18
(1,1879)	1:113:A:PHE:HE2	1:114:A:ILE:HA	8	0.18
(1,1862)	1:13:A:ALA:HB1	1:80:A:TYR:HE1	13	0.18
(1,1862)	1:13:A:ALA:HB1	1:80:A:TYR:HE2	13	0.18
(1,1862)	1:13:A:ALA:HB2	1:80:A:TYR:HE1	13	0.18
(1,1862)	1:13:A:ALA:HB2	1:80:A:TYR:HE2	13	0.18
(1,1862)	1:13:A:ALA:HB3	1:80:A:TYR:HE1	13	0.18
(1,1862)	1:13:A:ALA:HB3	1:80:A:TYR:HE2	13	0.18
(1,1861)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	15	0.18
(1,1861)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	15	0.18
(1,1861)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	15	0.18
(1,1861)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	15	0.18
(1,1858)	1:79:A:THR:HB	1:80:A:TYR:HE1	15	0.18
(1,1858)	1:79:A:THR:HB	1:80:A:TYR:HE2	15	0.18
(1,1850)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	14	0.18
(1,1850)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	14	0.18
(1,1850)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	14	0.18
(1,1823)	1:97:A:ASP:HA	1:104:A:PHE:HD1	3	0.18
(1,1823)	1:97:A:ASP:HA	1:104:A:PHE:HD2	3	0.18
(1,1818)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	10	0.18
(1,1818)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	10	0.18
(1,1818)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	10	0.18
(1,1818)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	10	0.18
(1,1818)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	10	0.18
(1,1818)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	10	0.18
(1,1722)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	13	0.18
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE1	8	0.18
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE2	8	0.18
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE3	8	0.18
(1,1666)	1:69:A:MET:HE1	1:112:A:GLN:H	10	0.18
(1,1666)	1:69:A:MET:HE2	1:112:A:GLN:H	10	0.18
(1,1666)	1:69:A:MET:HE3	1:112:A:GLN:H	10	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	8	0.18
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	8	0.18
(1,1608)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	8	0.18
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	8	0.18
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	8	0.18
(1,1608)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	8	0.18
(1,1603)	1:98:A:ILE:HG21	1:104:A:PHE:HE1	8	0.18
(1,1603)	1:98:A:ILE:HG21	1:104:A:PHE:HE2	8	0.18
(1,1603)	1:98:A:ILE:HG22	1:104:A:PHE:HE1	8	0.18
(1,1603)	1:98:A:ILE:HG22	1:104:A:PHE:HE2	8	0.18
(1,1603)	1:98:A:ILE:HG23	1:104:A:PHE:HE1	8	0.18
(1,1603)	1:98:A:ILE:HG23	1:104:A:PHE:HE2	8	0.18
(1,1575)	1:110:A:MET:HB2	1:114:A:ILE:HD11	17	0.18
(1,1575)	1:110:A:MET:HB2	1:114:A:ILE:HD12	17	0.18
(1,1575)	1:110:A:MET:HB2	1:114:A:ILE:HD13	17	0.18
(1,1572)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	19	0.18
(1,1572)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	19	0.18
(1,1572)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	19	0.18
(1,1572)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	19	0.18
(1,1572)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	19	0.18
(1,1572)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	19	0.18
(1,1556)	1:63:A:ILE:HG21	1:69:A:MET:HE1	8	0.18
(1,1556)	1:63:A:ILE:HG21	1:69:A:MET:HE2	8	0.18
(1,1556)	1:63:A:ILE:HG21	1:69:A:MET:HE3	8	0.18
(1,1556)	1:63:A:ILE:HG22	1:69:A:MET:HE1	8	0.18
(1,1556)	1:63:A:ILE:HG22	1:69:A:MET:HE2	8	0.18
(1,1556)	1:63:A:ILE:HG22	1:69:A:MET:HE3	8	0.18
(1,1556)	1:63:A:ILE:HG23	1:69:A:MET:HE1	8	0.18
(1,1556)	1:63:A:ILE:HG23	1:69:A:MET:HE2	8	0.18
(1,1556)	1:63:A:ILE:HG23	1:69:A:MET:HE3	8	0.18
(1,1538)	1:69:A:MET:HE1	1:110:A:MET:HA	17	0.18
(1,1538)	1:69:A:MET:HE2	1:110:A:MET:HA	17	0.18
(1,1538)	1:69:A:MET:HE3	1:110:A:MET:HA	17	0.18
(1,1534)	1:110:A:MET:HE1	1:113:A:PHE:HE1	15	0.18
(1,1534)	1:110:A:MET:HE1	1:113:A:PHE:HE2	15	0.18
(1,1534)	1:110:A:MET:HE2	1:113:A:PHE:HE1	15	0.18
(1,1534)	1:110:A:MET:HE2	1:113:A:PHE:HE2	15	0.18
(1,1534)	1:110:A:MET:HE3	1:113:A:PHE:HE1	15	0.18
(1,1534)	1:110:A:MET:HE3	1:113:A:PHE:HE2	15	0.18
(1,1515)	1:40:A:LEU:HA	1:43:A:MET:HE1	3	0.18
(1,1515)	1:40:A:LEU:HA	1:43:A:MET:HE2	3	0.18
(1,1515)	1:40:A:LEU:HA	1:43:A:MET:HE3	3	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1475)	1:42:A:GLU:H	1:45:A:ALA:HB1	10	0.18
(1,1475)	1:42:A:GLU:H	1:45:A:ALA:HB2	10	0.18
(1,1475)	1:42:A:GLU:H	1:45:A:ALA:HB3	10	0.18
(1,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	19	0.18
(1,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	19	0.18
(1,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	19	0.18
(1,1424)	1:73:A:ILE:HG21	1:113:A:PHE:HB3	9	0.18
(1,1424)	1:73:A:ILE:HG22	1:113:A:PHE:HB3	9	0.18
(1,1424)	1:73:A:ILE:HG23	1:113:A:PHE:HB3	9	0.18
(1,1420)	1:73:A:ILE:HG21	1:110:A:MET:H	7	0.18
(1,1420)	1:73:A:ILE:HG22	1:110:A:MET:H	7	0.18
(1,1420)	1:73:A:ILE:HG23	1:110:A:MET:H	7	0.18
(1,1364)	1:39:A:VAL:HG11	1:41:A:LYS:H	7	0.18
(1,1364)	1:39:A:VAL:HG12	1:41:A:LYS:H	7	0.18
(1,1364)	1:39:A:VAL:HG13	1:41:A:LYS:H	7	0.18
(1,1282)	1:44:A:GLU:HG3	1:45:A:ALA:HA	11	0.18
(1,1250)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	5	0.18
(1,1250)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	5	0.18
(1,1250)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	5	0.18
(1,1250)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	5	0.18
(1,1250)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	5	0.18
(1,1250)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	5	0.18
(1,1250)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	5	0.18
(1,1250)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	5	0.18
(1,1250)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	5	0.18
(1,1175)	1:140:A:LEU:H	1:140:A:LEU:HD21	10	0.18
(1,1175)	1:140:A:LEU:H	1:140:A:LEU:HD22	10	0.18
(1,1175)	1:140:A:LEU:H	1:140:A:LEU:HD23	10	0.18
(1,1132)	1:31:A:PRO:HD2	1:143:A:TRP:HA	11	0.18
(1,1078)	1:140:A:LEU:H	1:140:A:LEU:HG	8	0.18
(1,1048)	1:11:A:ILE:HB	1:44:A:GLU:HB2	8	0.18
(1,1048)	1:11:A:ILE:HB	1:44:A:GLU:HB3	8	0.18
(1,1035)	1:113:A:PHE:HA	1:116:A:GLN:HG3	18	0.18
(1,1015)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	5	0.18
(1,1015)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	5	0.18
(1,1015)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	5	0.18
(1,949)	1:81:A:GLU:HA	1:81:A:GLU:HG2	16	0.18
(1,949)	1:81:A:GLU:HA	1:81:A:GLU:HG3	16	0.18
(1,915)	1:67:A:PRO:HD3	1:95:A:ILE:HB	15	0.18
(1,834)	1:64:A:LYS:HB2	1:98:A:ILE:HD11	14	0.18
(1,834)	1:64:A:LYS:HB2	1:98:A:ILE:HD12	14	0.18
(1,834)	1:64:A:LYS:HB2	1:98:A:ILE:HD13	14	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,834)	1:64:A:LYS:HB3	1:98:A:ILE:HD11	14	0.18
(1,834)	1:64:A:LYS:HB3	1:98:A:ILE:HD12	14	0.18
(1,834)	1:64:A:LYS:HB3	1:98:A:ILE:HD13	14	0.18
(1,833)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	8	0.18
(1,833)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	8	0.18
(1,833)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	8	0.18
(1,825)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	9	0.18
(1,825)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	9	0.18
(1,825)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	9	0.18
(1,796)	1:101:A:ILE:HD11	1:119:A:LEU:HG	8	0.18
(1,796)	1:101:A:ILE:HD12	1:119:A:LEU:HG	8	0.18
(1,796)	1:101:A:ILE:HD13	1:119:A:LEU:HG	8	0.18
(1,621)	1:23:A:LEU:HD21	1:25:A:ALA:H	10	0.18
(1,621)	1:23:A:LEU:HD22	1:25:A:ALA:H	10	0.18
(1,621)	1:23:A:LEU:HD23	1:25:A:ALA:H	10	0.18
(1,441)	1:73:A:ILE:HB	1:76:A:ARG:H	9	0.18
(1,415)	1:125:A:THR:H	1:125:A:THR:HB	8	0.18
(1,415)	1:125:A:THR:H	1:125:A:THR:HB	14	0.18
(1,250)	1:23:A:LEU:HB2	1:24:A:ASP:H	7	0.18
(1,250)	1:23:A:LEU:HB3	1:24:A:ASP:H	7	0.18
(1,117)	1:69:A:MET:H	1:73:A:ILE:HD11	10	0.18
(1,117)	1:69:A:MET:H	1:73:A:ILE:HD12	10	0.18
(1,117)	1:69:A:MET:H	1:73:A:ILE:HD13	10	0.18
(1,95)	1:151:A:PHE:H	1:151:A:PHE:HB3	9	0.18
(1,39)	1:95:A:ILE:HB	1:96:A:VAL:H	13	0.18
(1,30)	1:13:A:ALA:H	1:14:A:VAL:HB	15	0.18
(1,17)	1:64:A:LYS:H	1:64:A:LYS:HD2	16	0.18
(1,17)	1:64:A:LYS:H	1:64:A:LYS:HD3	16	0.18
(34,2486)	1:146:A:GLN:HA	1:146:A:GLN:HE21	18	0.17
(34,2486)	1:146:A:GLN:HA	1:146:A:GLN:HE22	18	0.17
(34,2479)	1:141:A:LYS:H	1:148:A:CYS:HB2	11	0.17
(34,2479)	1:141:A:LYS:H	1:148:A:CYS:HB3	11	0.17
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD11	10	0.17
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD12	10	0.17
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD13	10	0.17
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD21	10	0.17
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD22	10	0.17
(34,2460)	1:139:A:LEU:H	1:140:A:LEU:HD23	10	0.17
(34,2338)	1:107:A:LEU:HD11	1:112:A:GLN:HA	1	0.17
(34,2338)	1:107:A:LEU:HD12	1:112:A:GLN:HA	1	0.17
(34,2338)	1:107:A:LEU:HD13	1:112:A:GLN:HA	1	0.17
(34,2338)	1:107:A:LEU:HD21	1:112:A:GLN:HA	1	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2338)	1:107:A:LEU:HD22	1:112:A:GLN:HA	1	0.17
(34,2338)	1:107:A:LEU:HD23	1:112:A:GLN:HA	1	0.17
(34,2337)	1:107:A:LEU:HD11	1:112:A:GLN:H	12	0.17
(34,2337)	1:107:A:LEU:HD12	1:112:A:GLN:H	12	0.17
(34,2337)	1:107:A:LEU:HD13	1:112:A:GLN:H	12	0.17
(34,2337)	1:107:A:LEU:HD21	1:112:A:GLN:H	12	0.17
(34,2337)	1:107:A:LEU:HD22	1:112:A:GLN:H	12	0.17
(34,2337)	1:107:A:LEU:HD23	1:112:A:GLN:H	12	0.17
(34,2333)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	5	0.17
(34,2333)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	5	0.17
(34,2333)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	5	0.17
(34,2333)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	5	0.17
(34,2333)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	5	0.17
(34,2333)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	5	0.17
(34,2333)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	5	0.17
(34,2333)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	5	0.17
(34,2333)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	5	0.17
(34,2333)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	5	0.17
(34,2333)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	5	0.17
(34,2333)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	5	0.17
(34,2330)	1:107:A:LEU:HA	1:108:A:GLU:HG2	16	0.17
(34,2330)	1:107:A:LEU:HA	1:108:A:GLU:HG3	16	0.17
(34,2302)	1:98:A:ILE:HD11	1:116:A:GLN:HE21	11	0.17
(34,2302)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	11	0.17
(34,2302)	1:98:A:ILE:HD12	1:116:A:GLN:HE21	11	0.17
(34,2302)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	11	0.17
(34,2302)	1:98:A:ILE:HD13	1:116:A:GLN:HE21	11	0.17
(34,2302)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	11	0.17
(34,2228)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	17	0.17
(34,2228)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	17	0.17
(34,2228)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	17	0.17
(34,2228)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	17	0.17
(34,2217)	1:64:A:LYS:H	1:116:A:GLN:HE21	11	0.17
(34,2217)	1:64:A:LYS:H	1:116:A:GLN:HE22	11	0.17
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD11	16	0.17
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD12	16	0.17
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD13	16	0.17
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD21	16	0.17
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD22	16	0.17
(34,2167)	1:47:A:ALA:HA	1:131:A:LEU:HD23	16	0.17
(34,2118)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	3	0.17
(34,2118)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	3	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2118)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	3	0.17
(34,2118)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	3	0.17
(34,2118)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	3	0.17
(34,2118)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	3	0.17
(34,2118)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	3	0.17
(34,2118)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	3	0.17
(34,2118)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	3	0.17
(34,2118)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	3	0.17
(34,2118)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	3	0.17
(34,2118)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	3	0.17
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD11	5	0.17
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD12	5	0.17
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD13	5	0.17
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD21	5	0.17
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD22	5	0.17
(34,2107)	1:39:A:VAL:H	1:139:A:LEU:HD23	5	0.17
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	16	0.17
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	16	0.17
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	16	0.17
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	16	0.17
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	16	0.17
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	16	0.17
(34,1982)	1:12:A:VAL:HG11	1:81:A:GLU:H	4	0.17
(34,1982)	1:12:A:VAL:HG12	1:81:A:GLU:H	4	0.17
(34,1982)	1:12:A:VAL:HG13	1:81:A:GLU:H	4	0.17
(34,1982)	1:12:A:VAL:HG21	1:81:A:GLU:H	4	0.17
(34,1982)	1:12:A:VAL:HG22	1:81:A:GLU:H	4	0.17
(34,1982)	1:12:A:VAL:HG23	1:81:A:GLU:H	4	0.17
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	4	0.17
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	4	0.17
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	4	0.17
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	4	0.17
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	4	0.17
(34,1959)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	4	0.17
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	4	0.17
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	4	0.17
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	4	0.17
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	4	0.17
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	4	0.17
(34,1959)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	4	0.17
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	4	0.17
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	4	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	4	0.17
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	4	0.17
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	4	0.17
(34,1959)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	4	0.17
(34,1876)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	1	0.17
(34,1876)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	1	0.17
(34,1859)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	11	0.17
(34,1859)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	11	0.17
(34,1859)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	11	0.17
(34,1859)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	11	0.17
(34,1859)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	11	0.17
(34,1859)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	11	0.17
(34,1831)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	10	0.17
(34,1831)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	10	0.17
(34,1831)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	10	0.17
(34,1831)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	10	0.17
(34,1831)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	10	0.17
(34,1831)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	10	0.17
(34,1796)	1:13:A:ALA:H	1:80:A:TYR:HD1	14	0.17
(34,1796)	1:13:A:ALA:H	1:80:A:TYR:HD2	14	0.17
(34,1777)	1:97:A:ASP:HA	1:105:A:LYS:HG2	8	0.17
(34,1777)	1:97:A:ASP:HA	1:105:A:LYS:HG2	18	0.17
(34,1749)	1:105:A:LYS:HG3	1:106:A:ASP:HA	13	0.17
(34,1715)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	6	0.17
(34,1715)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	6	0.17
(34,1688)	1:125:A:THR:HA	1:128:A:LEU:HA	10	0.17
(34,1688)	1:125:A:THR:HA	1:128:A:LEU:HA	15	0.17
(34,1688)	1:125:A:THR:HA	1:128:A:LEU:HA	17	0.17
(34,1688)	1:125:A:THR:HA	1:128:A:LEU:HA	18	0.17
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD2	16	0.17
(34,1659)	1:102:A:PRO:HA	1:105:A:LYS:HD3	16	0.17
(34,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	15	0.17
(34,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	15	0.17
(34,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	15	0.17
(34,1618)	1:120:A:CYS:H	1:121:A:VAL:HG21	6	0.17
(34,1618)	1:120:A:CYS:H	1:121:A:VAL:HG22	6	0.17
(34,1618)	1:120:A:CYS:H	1:121:A:VAL:HG23	6	0.17
(34,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD21	19	0.17
(34,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD22	19	0.17
(34,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD23	19	0.17
(34,1540)	1:110:A:MET:HE1	1:113:A:PHE:HA	19	0.17
(34,1540)	1:110:A:MET:HE2	1:113:A:PHE:HA	19	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1540)	1:110:A:MET:HE3	1:113:A:PHE:HA	19	0.17
(34,1532)	1:65:A:CYS:H	1:69:A:MET:HE1	12	0.17
(34,1532)	1:65:A:CYS:H	1:69:A:MET:HE2	12	0.17
(34,1532)	1:65:A:CYS:H	1:69:A:MET:HE3	12	0.17
(34,1532)	1:65:A:CYS:H	1:69:A:MET:HE1	17	0.17
(34,1532)	1:65:A:CYS:H	1:69:A:MET:HE2	17	0.17
(34,1532)	1:65:A:CYS:H	1:69:A:MET:HE3	17	0.17
(34,1491)	1:101:A:ILE:HG21	1:115:A:ALA:H	8	0.17
(34,1491)	1:101:A:ILE:HG22	1:115:A:ALA:H	8	0.17
(34,1491)	1:101:A:ILE:HG23	1:115:A:ALA:H	8	0.17
(34,1490)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	9	0.17
(34,1467)	1:30:A:LEU:H	1:31:A:PRO:HD3	8	0.17
(34,1463)	1:47:A:ALA:HA	1:50:A:ALA:HB1	3	0.17
(34,1463)	1:47:A:ALA:HA	1:50:A:ALA:HB2	3	0.17
(34,1463)	1:47:A:ALA:HA	1:50:A:ALA:HB3	3	0.17
(34,1463)	1:47:A:ALA:HA	1:50:A:ALA:HB1	8	0.17
(34,1463)	1:47:A:ALA:HA	1:50:A:ALA:HB2	8	0.17
(34,1463)	1:47:A:ALA:HA	1:50:A:ALA:HB3	8	0.17
(34,1457)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	15	0.17
(34,1457)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	15	0.17
(34,1379)	1:118:A:ASP:HA	1:121:A:VAL:HG11	1	0.17
(34,1379)	1:118:A:ASP:HA	1:121:A:VAL:HG12	1	0.17
(34,1379)	1:118:A:ASP:HA	1:121:A:VAL:HG13	1	0.17
(34,1334)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	8	0.17
(34,1334)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	8	0.17
(34,1334)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	8	0.17
(34,1334)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	8	0.17
(34,1334)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	8	0.17
(34,1334)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	8	0.17
(34,1334)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	8	0.17
(34,1334)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	8	0.17
(34,1334)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	8	0.17
(34,1269)	1:39:A:VAL:HA	1:139:A:LEU:HD21	4	0.17
(34,1269)	1:39:A:VAL:HA	1:139:A:LEU:HD22	4	0.17
(34,1269)	1:39:A:VAL:HA	1:139:A:LEU:HD23	4	0.17
(34,1269)	1:39:A:VAL:HA	1:139:A:LEU:HD21	5	0.17
(34,1269)	1:39:A:VAL:HA	1:139:A:LEU:HD22	5	0.17
(34,1269)	1:39:A:VAL:HA	1:139:A:LEU:HD23	5	0.17
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD21	6	0.17
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD22	6	0.17
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD23	6	0.17
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD21	8	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD22	8	0.17
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD23	8	0.17
(34,1266)	1:139:A:LEU:H	1:139:A:LEU:HD21	13	0.17
(34,1266)	1:139:A:LEU:H	1:139:A:LEU:HD22	13	0.17
(34,1266)	1:139:A:LEU:H	1:139:A:LEU:HD23	13	0.17
(34,1226)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	11	0.17
(34,1226)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	11	0.17
(34,1226)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	11	0.17
(34,1226)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	11	0.17
(34,1226)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	11	0.17
(34,1226)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	11	0.17
(34,1226)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	11	0.17
(34,1226)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	11	0.17
(34,1226)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	11	0.17
(34,1217)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	3	0.17
(34,1217)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	3	0.17
(34,1217)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	3	0.17
(34,1066)	1:11:A:ILE:HA	1:11:A:ILE:HG12	18	0.17
(34,1055)	1:41:A:LYS:HA	1:44:A:GLU:HB2	7	0.17
(34,1055)	1:41:A:LYS:HA	1:44:A:GLU:HB3	7	0.17
(34,1043)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	14	0.17
(34,1043)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	14	0.17
(34,1041)	1:34:A:LYS:H	1:81:A:GLU:HB2	8	0.17
(34,987)	1:66:A:THR:HG21	1:96:A:VAL:HB	18	0.17
(34,987)	1:66:A:THR:HG22	1:96:A:VAL:HB	18	0.17
(34,987)	1:66:A:THR:HG23	1:96:A:VAL:HB	18	0.17
(34,982)	1:70:A:LYS:HB2	1:74:A:PRO:HA	8	0.17
(34,982)	1:70:A:LYS:HB3	1:74:A:PRO:HA	8	0.17
(34,979)	1:96:A:VAL:HB	1:97:A:ASP:H	11	0.17
(34,974)	1:39:A:VAL:HA	1:43:A:MET:HG3	8	0.17
(34,974)	1:39:A:VAL:HA	1:43:A:MET:HG3	9	0.17
(34,955)	1:60:A:LEU:HB3	1:117:A:VAL:HA	4	0.17
(34,942)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	7	0.17
(34,942)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	7	0.17
(34,942)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	7	0.17
(34,942)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	7	0.17
(34,940)	1:125:A:THR:HB	1:128:A:LEU:HB2	13	0.17
(34,911)	1:94:A:ALA:HA	1:95:A:ILE:HB	13	0.17
(34,911)	1:94:A:ALA:HA	1:95:A:ILE:HB	17	0.17
(34,877)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	9	0.17
(34,877)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	9	0.17
(34,877)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	9	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,874)	1:56:A:CYS:H	1:122:A:ASP:HB3	1	0.17
(34,846)	1:48:A:ARG:HA	1:48:A:ARG:HD2	11	0.17
(34,846)	1:48:A:ARG:HA	1:48:A:ARG:HD3	11	0.17
(34,792)	1:60:A:LEU:H	1:63:A:ILE:HD11	11	0.17
(34,792)	1:60:A:LEU:H	1:63:A:ILE:HD12	11	0.17
(34,792)	1:60:A:LEU:H	1:63:A:ILE:HD13	11	0.17
(34,792)	1:60:A:LEU:H	1:63:A:ILE:HD11	18	0.17
(34,792)	1:60:A:LEU:H	1:63:A:ILE:HD12	18	0.17
(34,792)	1:60:A:LEU:H	1:63:A:ILE:HD13	18	0.17
(34,757)	1:103:A:ARG:HB2	1:103:A:ARG:HE	11	0.17
(34,757)	1:103:A:ARG:HB3	1:103:A:ARG:HE	11	0.17
(34,749)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	1	0.17
(34,749)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	1	0.17
(34,748)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	6	0.17
(34,748)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	17	0.17
(34,705)	1:98:A:ILE:H	1:104:A:PHE:H	10	0.17
(34,679)	1:101:A:ILE:HD11	1:116:A:GLN:H	6	0.17
(34,679)	1:101:A:ILE:HD12	1:116:A:GLN:H	6	0.17
(34,679)	1:101:A:ILE:HD13	1:116:A:GLN:H	6	0.17
(34,607)	1:55:A:GLY:H	1:57:A:LEU:H	9	0.17
(34,554)	1:60:A:LEU:HD11	1:61:A:SER:H	13	0.17
(34,554)	1:60:A:LEU:HD12	1:61:A:SER:H	13	0.17
(34,554)	1:60:A:LEU:HD13	1:61:A:SER:H	13	0.17
(34,552)	1:60:A:LEU:HD21	1:61:A:SER:H	4	0.17
(34,552)	1:60:A:LEU:HD22	1:61:A:SER:H	4	0.17
(34,552)	1:60:A:LEU:HD23	1:61:A:SER:H	4	0.17
(34,526)	1:67:A:PRO:HB2	1:71:A:LYS:H	11	0.17
(34,526)	1:67:A:PRO:HB3	1:71:A:LYS:H	11	0.17
(34,518)	1:97:A:ASP:HA	1:105:A:LYS:H	3	0.17
(34,518)	1:97:A:ASP:HA	1:105:A:LYS:H	5	0.17
(34,497)	1:98:A:ILE:H	1:105:A:LYS:H	10	0.17
(34,294)	1:50:A:ALA:HB1	1:52:A:CYS:H	10	0.17
(34,294)	1:50:A:ALA:HB2	1:52:A:CYS:H	10	0.17
(34,294)	1:50:A:ALA:HB3	1:52:A:CYS:H	10	0.17
(34,239)	1:11:A:ILE:HB	1:44:A:GLU:H	5	0.17
(34,228)	1:9:A:PHE:HE1	1:10:A:ASN:H	12	0.17
(34,228)	1:9:A:PHE:HE2	1:10:A:ASN:H	12	0.17
(34,170)	1:94:A:ALA:HB1	1:95:A:ILE:H	10	0.17
(34,170)	1:94:A:ALA:HB2	1:95:A:ILE:H	10	0.17
(34,170)	1:94:A:ALA:HB3	1:95:A:ILE:H	10	0.17
(34,137)	1:12:A:VAL:H	1:13:A:ALA:HB1	6	0.17
(34,137)	1:12:A:VAL:H	1:13:A:ALA:HB2	6	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,137)	1:12:A:VAL:H	1:13:A:ALA:HB3	6	0.17
(34,127)	1:48:A:ARG:HD2	1:49:A:LYS:H	12	0.17
(34,127)	1:48:A:ARG:HD3	1:49:A:LYS:H	12	0.17
(34,119)	1:22:A:ASP:H	1:23:A:LEU:HB2	17	0.17
(34,119)	1:22:A:ASP:H	1:23:A:LEU:HB3	17	0.17
(34,67)	1:13:A:ALA:HB1	1:81:A:GLU:H	8	0.17
(34,67)	1:13:A:ALA:HB2	1:81:A:GLU:H	8	0.17
(34,67)	1:13:A:ALA:HB3	1:81:A:GLU:H	8	0.17
(34,53)	1:98:A:ILE:H	1:101:A:ILE:HG21	6	0.17
(34,53)	1:98:A:ILE:H	1:101:A:ILE:HG22	6	0.17
(34,53)	1:98:A:ILE:H	1:101:A:ILE:HG23	6	0.17
(34,50)	1:47:A:ALA:H	1:48:A:ARG:HB2	1	0.17
(34,50)	1:47:A:ALA:H	1:48:A:ARG:HB3	1	0.17
(34,8)	1:63:A:ILE:HG13	1:64:A:LYS:H	3	0.17
(33,2501)	1:146:A:GLN:HA	1:146:A:GLN:HE21	18	0.17
(33,2501)	1:146:A:GLN:HA	1:146:A:GLN:HE22	18	0.17
(33,2500)	1:144:A:LEU:HD11	1:148:A:CYS:H	18	0.17
(33,2500)	1:144:A:LEU:HD12	1:148:A:CYS:H	18	0.17
(33,2500)	1:144:A:LEU:HD13	1:148:A:CYS:H	18	0.17
(33,2500)	1:144:A:LEU:HD21	1:148:A:CYS:H	18	0.17
(33,2500)	1:144:A:LEU:HD22	1:148:A:CYS:H	18	0.17
(33,2500)	1:144:A:LEU:HD23	1:148:A:CYS:H	18	0.17
(33,2477)	1:141:A:LYS:H	1:148:A:CYS:HB2	11	0.17
(33,2477)	1:141:A:LYS:H	1:148:A:CYS:HB3	11	0.17
(33,2308)	1:98:A:ILE:HD11	1:116:A:GLN:HE21	11	0.17
(33,2308)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	11	0.17
(33,2308)	1:98:A:ILE:HD12	1:116:A:GLN:HE21	11	0.17
(33,2308)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	11	0.17
(33,2308)	1:98:A:ILE:HD13	1:116:A:GLN:HE21	11	0.17
(33,2308)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	11	0.17
(33,2173)	1:47:A:ALA:HA	1:131:A:LEU:HD11	10	0.17
(33,2173)	1:47:A:ALA:HA	1:131:A:LEU:HD12	10	0.17
(33,2173)	1:47:A:ALA:HA	1:131:A:LEU:HD13	10	0.17
(33,2173)	1:47:A:ALA:HA	1:131:A:LEU:HD21	10	0.17
(33,2173)	1:47:A:ALA:HA	1:131:A:LEU:HD22	10	0.17
(33,2173)	1:47:A:ALA:HA	1:131:A:LEU:HD23	10	0.17
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG11	5	0.17
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG12	5	0.17
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG13	5	0.17
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG21	5	0.17
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG22	5	0.17
(33,2154)	1:43:A:MET:HE1	1:134:A:VAL:HG23	5	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG11	5	0.17
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG12	5	0.17
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG13	5	0.17
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG21	5	0.17
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG22	5	0.17
(33,2154)	1:43:A:MET:HE2	1:134:A:VAL:HG23	5	0.17
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG11	5	0.17
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG12	5	0.17
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG13	5	0.17
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG21	5	0.17
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG22	5	0.17
(33,2154)	1:43:A:MET:HE3	1:134:A:VAL:HG23	5	0.17
(33,2134)	1:40:A:LEU:HD11	1:43:A:MET:H	19	0.17
(33,2134)	1:40:A:LEU:HD12	1:43:A:MET:H	19	0.17
(33,2134)	1:40:A:LEU:HD13	1:43:A:MET:H	19	0.17
(33,2134)	1:40:A:LEU:HD21	1:43:A:MET:H	19	0.17
(33,2134)	1:40:A:LEU:HD22	1:43:A:MET:H	19	0.17
(33,2134)	1:40:A:LEU:HD23	1:43:A:MET:H	19	0.17
(33,2039)	1:23:A:LEU:HD11	1:25:A:ALA:H	16	0.17
(33,2039)	1:23:A:LEU:HD12	1:25:A:ALA:H	16	0.17
(33,2039)	1:23:A:LEU:HD13	1:25:A:ALA:H	16	0.17
(33,2039)	1:23:A:LEU:HD21	1:25:A:ALA:H	16	0.17
(33,2039)	1:23:A:LEU:HD22	1:25:A:ALA:H	16	0.17
(33,2039)	1:23:A:LEU:HD23	1:25:A:ALA:H	16	0.17
(33,2039)	1:23:A:LEU:HD11	1:25:A:ALA:H	17	0.17
(33,2039)	1:23:A:LEU:HD12	1:25:A:ALA:H	17	0.17
(33,2039)	1:23:A:LEU:HD13	1:25:A:ALA:H	17	0.17
(33,2039)	1:23:A:LEU:HD21	1:25:A:ALA:H	17	0.17
(33,2039)	1:23:A:LEU:HD22	1:25:A:ALA:H	17	0.17
(33,2039)	1:23:A:LEU:HD23	1:25:A:ALA:H	17	0.17
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	6	0.17
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	6	0.17
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	6	0.17
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	6	0.17
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	6	0.17
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	6	0.17
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	6	0.17
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	6	0.17
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	6	0.17
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	6	0.17
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	6	0.17
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	6	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	6	0.17
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	6	0.17
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	6	0.17
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	6	0.17
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	6	0.17
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	6	0.17
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG11	14	0.17
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG12	14	0.17
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG13	14	0.17
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG21	14	0.17
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG22	14	0.17
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG23	14	0.17
(33,1988)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	8	0.17
(33,1988)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	8	0.17
(33,1988)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	8	0.17
(33,1988)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	8	0.17
(33,1988)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	8	0.17
(33,1988)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	8	0.17
(33,1988)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	8	0.17
(33,1988)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	8	0.17
(33,1988)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	8	0.17
(33,1988)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	8	0.17
(33,1988)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	8	0.17
(33,1988)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	8	0.17
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	8	0.17
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	8	0.17
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	8	0.17
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	8	0.17
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	8	0.17
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	8	0.17
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	8	0.17
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	8	0.17
(33,1894)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	8	0.17
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	8	0.17
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	8	0.17
(33,1894)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	8	0.17
(33,1893)	1:18:A:PHE:HE1	1:117:A:VAL:HA	7	0.17
(33,1893)	1:18:A:PHE:HE2	1:117:A:VAL:HA	7	0.17
(33,1848)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	15	0.17
(33,1848)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	15	0.17
(33,1838)	1:61:A:SER:HA	1:62:A:HIS:HD2	5	0.17
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	3	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	3	0.17
(33,1820)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	3	0.17
(33,1749)	1:36:A:PRO:HG2	1:37:A:LEU:HG	17	0.17
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG21	14	0.17
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG22	14	0.17
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG23	14	0.17
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG21	14	0.17
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG22	14	0.17
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG23	14	0.17
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG21	14	0.17
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG22	14	0.17
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG23	14	0.17
(33,1600)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	11	0.17
(33,1600)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	11	0.17
(33,1600)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	11	0.17
(33,1600)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	11	0.17
(33,1600)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	11	0.17
(33,1600)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	11	0.17
(33,1598)	1:73:A:ILE:HG21	1:76:A:ARG:H	15	0.17
(33,1598)	1:73:A:ILE:HG22	1:76:A:ARG:H	15	0.17
(33,1598)	1:73:A:ILE:HG23	1:76:A:ARG:H	15	0.17
(33,1597)	1:72:A:PHE:H	1:73:A:ILE:HG21	19	0.17
(33,1597)	1:72:A:PHE:H	1:73:A:ILE:HG22	19	0.17
(33,1597)	1:72:A:PHE:H	1:73:A:ILE:HG23	19	0.17
(33,1595)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	9	0.17
(33,1595)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	9	0.17
(33,1595)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	9	0.17
(33,1588)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	17	0.17
(33,1588)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	17	0.17
(33,1588)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	17	0.17
(33,1586)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	5	0.17
(33,1586)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	5	0.17
(33,1586)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	5	0.17
(33,1586)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	19	0.17
(33,1586)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	19	0.17
(33,1586)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	19	0.17
(33,1572)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	15	0.17
(33,1572)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	15	0.17
(33,1572)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	15	0.17
(33,1567)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	2	0.17
(33,1567)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	2	0.17
(33,1567)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	2	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1567)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	2	0.17
(33,1567)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	2	0.17
(33,1567)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	2	0.17
(33,1567)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	2	0.17
(33,1567)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	2	0.17
(33,1567)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	2	0.17
(33,1509)	1:69:A:MET:HE1	1:115:A:ALA:H	14	0.17
(33,1509)	1:69:A:MET:HE2	1:115:A:ALA:H	14	0.17
(33,1509)	1:69:A:MET:HE3	1:115:A:ALA:H	14	0.17
(33,1469)	1:101:A:ILE:HG21	1:115:A:ALA:H	8	0.17
(33,1469)	1:101:A:ILE:HG22	1:115:A:ALA:H	8	0.17
(33,1469)	1:101:A:ILE:HG23	1:115:A:ALA:H	8	0.17
(33,1446)	1:47:A:ALA:HA	1:50:A:ALA:HB1	3	0.17
(33,1446)	1:47:A:ALA:HA	1:50:A:ALA:HB2	3	0.17
(33,1446)	1:47:A:ALA:HA	1:50:A:ALA:HB3	3	0.17
(33,1446)	1:47:A:ALA:HA	1:50:A:ALA:HB1	8	0.17
(33,1446)	1:47:A:ALA:HA	1:50:A:ALA:HB2	8	0.17
(33,1446)	1:47:A:ALA:HA	1:50:A:ALA:HB3	8	0.17
(33,1442)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	15	0.17
(33,1442)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	15	0.17
(33,1384)	1:94:A:ALA:HA	1:95:A:ILE:HB	15	0.17
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG11	4	0.17
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG12	4	0.17
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG13	4	0.17
(33,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	19	0.17
(33,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	19	0.17
(33,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	19	0.17
(33,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	19	0.17
(33,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	19	0.17
(33,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	19	0.17
(33,1346)	1:125:A:THR:HG21	1:128:A:LEU:HB2	19	0.17
(33,1346)	1:125:A:THR:HG22	1:128:A:LEU:HB2	19	0.17
(33,1346)	1:125:A:THR:HG23	1:128:A:LEU:HB2	19	0.17
(33,1338)	1:131:A:LEU:H	1:131:A:LEU:HD21	5	0.17
(33,1338)	1:131:A:LEU:H	1:131:A:LEU:HD22	5	0.17
(33,1338)	1:131:A:LEU:H	1:131:A:LEU:HD23	5	0.17
(33,1246)	1:39:A:VAL:HA	1:139:A:LEU:HD21	4	0.17
(33,1246)	1:39:A:VAL:HA	1:139:A:LEU:HD22	4	0.17
(33,1246)	1:39:A:VAL:HA	1:139:A:LEU:HD23	4	0.17
(33,1246)	1:39:A:VAL:HA	1:139:A:LEU:HD21	5	0.17
(33,1246)	1:39:A:VAL:HA	1:139:A:LEU:HD22	5	0.17
(33,1246)	1:39:A:VAL:HA	1:139:A:LEU:HD23	5	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1198)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	3	0.17
(33,1198)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	3	0.17
(33,1198)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	3	0.17
(33,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD11	8	0.17
(33,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD12	8	0.17
(33,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD13	8	0.17
(33,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD11	19	0.17
(33,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD12	19	0.17
(33,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD13	19	0.17
(33,1171)	1:140:A:LEU:HD11	1:144:A:LEU:H	16	0.17
(33,1171)	1:140:A:LEU:HD12	1:144:A:LEU:H	16	0.17
(33,1171)	1:140:A:LEU:HD13	1:144:A:LEU:H	16	0.17
(33,1127)	1:40:A:LEU:HA	1:40:A:LEU:HD21	18	0.17
(33,1127)	1:40:A:LEU:HA	1:40:A:LEU:HD22	18	0.17
(33,1127)	1:40:A:LEU:HA	1:40:A:LEU:HD23	18	0.17
(33,1046)	1:111:A:GLU:HA	1:114:A:ILE:HG12	15	0.17
(33,1038)	1:11:A:ILE:HA	1:11:A:ILE:HG12	18	0.17
(33,817)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	8	0.17
(33,817)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	8	0.17
(33,817)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	8	0.17
(33,782)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	11	0.17
(33,782)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	11	0.17
(33,782)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	11	0.17
(33,782)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	11	0.17
(33,782)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	11	0.17
(33,782)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	11	0.17
(33,751)	1:103:A:ARG:HB2	1:103:A:ARG:HE	11	0.17
(33,751)	1:103:A:ARG:HB3	1:103:A:ARG:HE	11	0.17
(33,747)	1:105:A:LYS:HG3	1:112:A:GLN:HE21	9	0.17
(33,670)	1:120:A:CYS:H	1:121:A:VAL:HG11	18	0.17
(33,670)	1:120:A:CYS:H	1:121:A:VAL:HG12	18	0.17
(33,670)	1:120:A:CYS:H	1:121:A:VAL:HG13	18	0.17
(33,667)	1:101:A:ILE:HD11	1:116:A:GLN:H	6	0.17
(33,667)	1:101:A:ILE:HD12	1:116:A:GLN:H	6	0.17
(33,667)	1:101:A:ILE:HD13	1:116:A:GLN:H	6	0.17
(33,620)	1:96:A:VAL:H	1:97:A:ASP:H	2	0.17
(33,603)	1:55:A:GLY:H	1:58:A:ILE:HD11	17	0.17
(33,603)	1:55:A:GLY:H	1:58:A:ILE:HD12	17	0.17
(33,603)	1:55:A:GLY:H	1:58:A:ILE:HD13	17	0.17
(33,580)	1:129:A:LYS:HG2	1:130:A:GLY:H	8	0.17
(33,578)	1:127:A:CYS:HB2	1:130:A:GLY:H	16	0.17
(33,511)	1:67:A:PRO:HB2	1:71:A:LYS:H	11	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,511)	1:67:A:PRO:HB3	1:71:A:LYS:H	11	0.17
(33,479)	1:147:A:ARG:HG2	1:148:A:CYS:H	19	0.17
(33,479)	1:147:A:ARG:HG3	1:148:A:CYS:H	19	0.17
(33,375)	1:41:A:LYS:H	1:44:A:GLU:HG2	10	0.17
(33,307)	1:65:A:CYS:H	1:69:A:MET:HE1	12	0.17
(33,307)	1:65:A:CYS:H	1:69:A:MET:HE2	12	0.17
(33,307)	1:65:A:CYS:H	1:69:A:MET:HE3	12	0.17
(33,307)	1:65:A:CYS:H	1:69:A:MET:HE1	17	0.17
(33,307)	1:65:A:CYS:H	1:69:A:MET:HE2	17	0.17
(33,307)	1:65:A:CYS:H	1:69:A:MET:HE3	17	0.17
(33,294)	1:128:A:LEU:HB3	1:129:A:LYS:H	9	0.17
(33,281)	1:50:A:ALA:H	1:52:A:CYS:H	12	0.17
(33,164)	1:94:A:ALA:HB1	1:95:A:ILE:H	10	0.17
(33,164)	1:94:A:ALA:HB2	1:95:A:ILE:H	10	0.17
(33,164)	1:94:A:ALA:HB3	1:95:A:ILE:H	10	0.17
(33,148)	1:131:A:LEU:H	1:131:A:LEU:HG	14	0.17
(33,73)	1:13:A:ALA:HB1	1:81:A:GLU:H	8	0.17
(33,73)	1:13:A:ALA:HB2	1:81:A:GLU:H	8	0.17
(33,73)	1:13:A:ALA:HB3	1:81:A:GLU:H	8	0.17
(33,57)	1:98:A:ILE:H	1:101:A:ILE:HG21	6	0.17
(33,57)	1:98:A:ILE:H	1:101:A:ILE:HG22	6	0.17
(33,57)	1:98:A:ILE:H	1:101:A:ILE:HG23	6	0.17
(32,2471)	1:141:A:LYS:H	1:148:A:CYS:HB2	11	0.17
(32,2471)	1:141:A:LYS:H	1:148:A:CYS:HB3	11	0.17
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD11	10	0.17
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD12	10	0.17
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD13	10	0.17
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD21	10	0.17
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD22	10	0.17
(32,2448)	1:139:A:LEU:H	1:140:A:LEU:HD23	10	0.17
(32,2443)	1:137:A:SER:HB2	1:140:A:LEU:HB2	19	0.17
(32,2443)	1:137:A:SER:HB3	1:140:A:LEU:HB2	19	0.17
(32,2319)	1:105:A:LYS:HG2	1:106:A:ASP:HA	7	0.17
(32,2319)	1:105:A:LYS:HG3	1:106:A:ASP:HA	7	0.17
(32,2302)	1:101:A:ILE:H	1:119:A:LEU:HD11	8	0.17
(32,2302)	1:101:A:ILE:H	1:119:A:LEU:HD12	8	0.17
(32,2302)	1:101:A:ILE:H	1:119:A:LEU:HD13	8	0.17
(32,2302)	1:101:A:ILE:H	1:119:A:LEU:HD21	8	0.17
(32,2302)	1:101:A:ILE:H	1:119:A:LEU:HD22	8	0.17
(32,2302)	1:101:A:ILE:H	1:119:A:LEU:HD23	8	0.17
(32,2285)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	13	0.17
(32,2285)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	13	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2285)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	13	0.17
(32,2285)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	13	0.17
(32,2285)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	13	0.17
(32,2285)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	13	0.17
(32,2285)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	13	0.17
(32,2285)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	13	0.17
(32,2285)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	13	0.17
(32,2285)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	13	0.17
(32,2285)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	13	0.17
(32,2285)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	13	0.17
(32,2285)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	16	0.17
(32,2285)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	16	0.17
(32,2285)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	16	0.17
(32,2285)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	16	0.17
(32,2285)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	16	0.17
(32,2285)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	16	0.17
(32,2285)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	16	0.17
(32,2285)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	16	0.17
(32,2285)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	16	0.17
(32,2285)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	16	0.17
(32,2285)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	16	0.17
(32,2285)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	16	0.17
(32,2263)	1:74:A:PRO:HA	1:77:A:CYS:HB2	19	0.17
(32,2263)	1:74:A:PRO:HA	1:77:A:CYS:HB3	19	0.17
(32,2246)	1:69:A:MET:HG2	1:109:A:PRO:HA	19	0.17
(32,2246)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.17
(32,2162)	1:47:A:ALA:H	1:134:A:VAL:HG11	12	0.17
(32,2162)	1:47:A:ALA:H	1:134:A:VAL:HG12	12	0.17
(32,2162)	1:47:A:ALA:H	1:134:A:VAL:HG13	12	0.17
(32,2162)	1:47:A:ALA:H	1:134:A:VAL:HG21	12	0.17
(32,2162)	1:47:A:ALA:H	1:134:A:VAL:HG22	12	0.17
(32,2162)	1:47:A:ALA:H	1:134:A:VAL:HG23	12	0.17
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD11	18	0.17
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD12	18	0.17
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD13	18	0.17
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD21	18	0.17
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD22	18	0.17
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD23	18	0.17
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD11	18	0.17
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD12	18	0.17
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD13	18	0.17
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD21	18	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD22	18	0.17
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD23	18	0.17
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD11	6	0.17
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD12	6	0.17
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD13	6	0.17
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD21	6	0.17
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD22	6	0.17
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD23	6	0.17
(32,2010)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	13	0.17
(32,2010)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	13	0.17
(32,2010)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	13	0.17
(32,2010)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	13	0.17
(32,1911)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	2	0.17
(32,1911)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	2	0.17
(32,1911)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	2	0.17
(32,1911)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	2	0.17
(32,1852)	1:104:A:PHE:HE1	1:115:A:ALA:H	5	0.17
(32,1852)	1:104:A:PHE:HE2	1:115:A:ALA:H	5	0.17
(32,1784)	1:9:A:PHE:HZ	1:54:A:ARG:HE	16	0.17
(32,1714)	1:36:A:PRO:HG2	1:37:A:LEU:HG	17	0.17
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG21	14	0.17
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG22	14	0.17
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG23	14	0.17
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG21	14	0.17
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG22	14	0.17
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG23	14	0.17
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG21	14	0.17
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG22	14	0.17
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG23	14	0.17
(32,1571)	1:73:A:ILE:HG21	1:76:A:ARG:H	15	0.17
(32,1571)	1:73:A:ILE:HG22	1:76:A:ARG:H	15	0.17
(32,1571)	1:73:A:ILE:HG23	1:76:A:ARG:H	15	0.17
(32,1568)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	9	0.17
(32,1568)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	9	0.17
(32,1568)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	9	0.17
(32,1522)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	14	0.17
(32,1522)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	14	0.17
(32,1522)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	14	0.17
(32,1477)	1:65:A:CYS:H	1:69:A:MET:HE1	12	0.17
(32,1477)	1:65:A:CYS:H	1:69:A:MET:HE2	12	0.17
(32,1477)	1:65:A:CYS:H	1:69:A:MET:HE3	12	0.17
(32,1477)	1:65:A:CYS:H	1:69:A:MET:HE1	17	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1477)	1:65:A:CYS:H	1:69:A:MET:HE2	17	0.17
(32,1477)	1:65:A:CYS:H	1:69:A:MET:HE3	17	0.17
(32,1436)	1:101:A:ILE:HG21	1:115:A:ALA:H	8	0.17
(32,1436)	1:101:A:ILE:HG22	1:115:A:ALA:H	8	0.17
(32,1436)	1:101:A:ILE:HG23	1:115:A:ALA:H	8	0.17
(32,1413)	1:47:A:ALA:HA	1:50:A:ALA:HB1	6	0.17
(32,1413)	1:47:A:ALA:HA	1:50:A:ALA:HB2	6	0.17
(32,1413)	1:47:A:ALA:HA	1:50:A:ALA:HB3	6	0.17
(32,1409)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	6	0.17
(32,1409)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	6	0.17
(32,1352)	1:94:A:ALA:HA	1:95:A:ILE:HB	15	0.17
(32,1316)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	19	0.17
(32,1316)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	19	0.17
(32,1316)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	19	0.17
(32,1316)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	19	0.17
(32,1316)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	19	0.17
(32,1316)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	19	0.17
(32,1314)	1:125:A:THR:HG21	1:128:A:LEU:HB2	19	0.17
(32,1314)	1:125:A:THR:HG22	1:128:A:LEU:HB2	19	0.17
(32,1314)	1:125:A:THR:HG23	1:128:A:LEU:HB2	19	0.17
(32,1305)	1:131:A:LEU:H	1:131:A:LEU:HD21	5	0.17
(32,1305)	1:131:A:LEU:H	1:131:A:LEU:HD22	5	0.17
(32,1305)	1:131:A:LEU:H	1:131:A:LEU:HD23	5	0.17
(32,1224)	1:23:A:LEU:HD11	1:24:A:ASP:H	15	0.17
(32,1224)	1:23:A:LEU:HD12	1:24:A:ASP:H	15	0.17
(32,1224)	1:23:A:LEU:HD13	1:24:A:ASP:H	15	0.17
(32,1206)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	9	0.17
(32,1206)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	9	0.17
(32,1206)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	9	0.17
(32,1152)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	3	0.17
(32,1152)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	3	0.17
(32,1152)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	3	0.17
(32,1130)	1:136:A:CYS:HA	1:140:A:LEU:HD21	8	0.17
(32,1130)	1:136:A:CYS:HA	1:140:A:LEU:HD22	8	0.17
(32,1130)	1:136:A:CYS:HA	1:140:A:LEU:HD23	8	0.17
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD11	9	0.17
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD12	9	0.17
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD13	9	0.17
(32,996)	1:41:A:LYS:HA	1:44:A:GLU:HB2	7	0.17
(32,996)	1:41:A:LYS:HA	1:44:A:GLU:HB3	7	0.17
(32,938)	1:66:A:THR:HG21	1:96:A:VAL:HB	18	0.17
(32,938)	1:66:A:THR:HG22	1:96:A:VAL:HB	18	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,938)	1:66:A:THR:HG23	1:96:A:VAL:HB	18	0.17
(32,929)	1:66:A:THR:H	1:96:A:VAL:HB	16	0.17
(32,925)	1:39:A:VAL:HA	1:43:A:MET:HG3	8	0.17
(32,925)	1:39:A:VAL:HA	1:43:A:MET:HG3	9	0.17
(32,904)	1:107:A:LEU:HD11	1:112:A:GLN:HG2	10	0.17
(32,904)	1:107:A:LEU:HD11	1:112:A:GLN:HG3	10	0.17
(32,904)	1:107:A:LEU:HD12	1:112:A:GLN:HG2	10	0.17
(32,904)	1:107:A:LEU:HD12	1:112:A:GLN:HG3	10	0.17
(32,904)	1:107:A:LEU:HD13	1:112:A:GLN:HG2	10	0.17
(32,904)	1:107:A:LEU:HD13	1:112:A:GLN:HG3	10	0.17
(32,904)	1:107:A:LEU:HD21	1:112:A:GLN:HG2	10	0.17
(32,904)	1:107:A:LEU:HD21	1:112:A:GLN:HG3	10	0.17
(32,904)	1:107:A:LEU:HD22	1:112:A:GLN:HG2	10	0.17
(32,904)	1:107:A:LEU:HD22	1:112:A:GLN:HG3	10	0.17
(32,904)	1:107:A:LEU:HD23	1:112:A:GLN:HG2	10	0.17
(32,904)	1:107:A:LEU:HD23	1:112:A:GLN:HG3	10	0.17
(32,900)	1:81:A:GLU:HA	1:81:A:GLU:HG2	2	0.17
(32,900)	1:81:A:GLU:HA	1:81:A:GLU:HG3	2	0.17
(32,900)	1:81:A:GLU:HA	1:81:A:GLU:HG2	3	0.17
(32,900)	1:81:A:GLU:HA	1:81:A:GLU:HG3	3	0.17
(32,900)	1:81:A:GLU:HA	1:81:A:GLU:HG2	14	0.17
(32,900)	1:81:A:GLU:HA	1:81:A:GLU:HG3	14	0.17
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD11	4	0.17
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD12	4	0.17
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD13	4	0.17
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD11	9	0.17
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD12	9	0.17
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD13	9	0.17
(32,795)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	8	0.17
(32,795)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	8	0.17
(32,795)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	8	0.17
(32,772)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	6	0.17
(32,772)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	6	0.17
(32,772)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	6	0.17
(32,772)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	6	0.17
(32,772)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	6	0.17
(32,772)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	6	0.17
(32,772)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	9	0.17
(32,772)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	9	0.17
(32,772)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	9	0.17
(32,772)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	9	0.17
(32,772)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	9	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,772)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	9	0.17
(32,760)	1:101:A:ILE:HD11	1:119:A:LEU:HG	8	0.17
(32,760)	1:101:A:ILE:HD12	1:119:A:LEU:HG	8	0.17
(32,760)	1:101:A:ILE:HD13	1:119:A:LEU:HG	8	0.17
(32,735)	1:103:A:ARG:HB2	1:103:A:ARG:HE	11	0.17
(32,735)	1:103:A:ARG:HB3	1:103:A:ARG:HE	11	0.17
(32,726)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	6	0.17
(32,726)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	17	0.17
(32,656)	1:101:A:ILE:HD11	1:116:A:GLN:H	6	0.17
(32,656)	1:101:A:ILE:HD12	1:116:A:GLN:H	6	0.17
(32,656)	1:101:A:ILE:HD13	1:116:A:GLN:H	6	0.17
(32,640)	1:98:A:ILE:H	1:100:A:ALA:H	9	0.17
(32,640)	1:98:A:ILE:H	1:100:A:ALA:H	11	0.17
(32,567)	1:129:A:LYS:HG2	1:130:A:GLY:H	8	0.17
(32,500)	1:67:A:PRO:HB2	1:71:A:LYS:H	11	0.17
(32,500)	1:67:A:PRO:HB3	1:71:A:LYS:H	11	0.17
(32,360)	1:132:A:ALA:H	1:133:A:ASN:HD22	17	0.17
(32,344)	1:104:A:PHE:H	1:104:A:PHE:HD1	12	0.17
(32,344)	1:104:A:PHE:H	1:104:A:PHE:HD2	12	0.17
(32,325)	1:57:A:LEU:H	1:58:A:ILE:HG13	13	0.17
(32,290)	1:128:A:LEU:HB3	1:129:A:LYS:H	9	0.17
(32,289)	1:43:A:MET:H	1:43:A:MET:HG3	17	0.17
(32,282)	1:50:A:ALA:HB1	1:52:A:CYS:H	10	0.17
(32,282)	1:50:A:ALA:HB2	1:52:A:CYS:H	10	0.17
(32,282)	1:50:A:ALA:HB3	1:52:A:CYS:H	10	0.17
(32,277)	1:50:A:ALA:H	1:52:A:CYS:H	12	0.17
(32,243)	1:57:A:LEU:HD21	1:58:A:ILE:H	4	0.17
(32,243)	1:57:A:LEU:HD22	1:58:A:ILE:H	4	0.17
(32,243)	1:57:A:LEU:HD23	1:58:A:ILE:H	4	0.17
(32,180)	1:44:A:GLU:H	1:44:A:GLU:HG3	5	0.17
(32,159)	1:94:A:ALA:HB1	1:95:A:ILE:H	10	0.17
(32,159)	1:94:A:ALA:HB2	1:95:A:ILE:H	10	0.17
(32,159)	1:94:A:ALA:HB3	1:95:A:ILE:H	10	0.17
(32,146)	1:131:A:LEU:H	1:131:A:LEU:HG	14	0.17
(32,74)	1:28:A:GLY:HA2	1:30:A:LEU:H	19	0.17
(32,74)	1:28:A:GLY:HA3	1:30:A:LEU:H	19	0.17
(32,49)	1:98:A:ILE:H	1:101:A:ILE:HG13	1	0.17
(32,46)	1:47:A:ALA:H	1:48:A:ARG:HB2	11	0.17
(32,46)	1:47:A:ALA:H	1:48:A:ARG:HB3	11	0.17
(32,26)	1:35:A:LEU:H	1:35:A:LEU:HG	1	0.17
(30,2463)	1:142:A:LYS:HG2	1:143:A:TRP:HE1	3	0.17
(30,2463)	1:142:A:LYS:HG3	1:143:A:TRP:HE1	3	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2346)	1:107:A:LEU:HD11	1:112:A:GLN:HA	15	0.17
(30,2346)	1:107:A:LEU:HD12	1:112:A:GLN:HA	15	0.17
(30,2346)	1:107:A:LEU:HD13	1:112:A:GLN:HA	15	0.17
(30,2346)	1:107:A:LEU:HD21	1:112:A:GLN:HA	15	0.17
(30,2346)	1:107:A:LEU:HD22	1:112:A:GLN:HA	15	0.17
(30,2346)	1:107:A:LEU:HD23	1:112:A:GLN:HA	15	0.17
(30,2339)	1:107:A:LEU:HA	1:108:A:GLU:HG2	16	0.17
(30,2339)	1:107:A:LEU:HA	1:108:A:GLU:HG3	16	0.17
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD11	12	0.17
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD12	12	0.17
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD13	12	0.17
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD21	12	0.17
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD22	12	0.17
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD23	12	0.17
(30,2251)	1:69:A:MET:HG2	1:109:A:PRO:HA	19	0.17
(30,2251)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.17
(30,2231)	1:65:A:CYS:HB2	1:70:A:LYS:H	8	0.17
(30,2231)	1:65:A:CYS:HB3	1:70:A:LYS:H	8	0.17
(30,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	6	0.17
(30,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	6	0.17
(30,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	6	0.17
(30,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	6	0.17
(30,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	6	0.17
(30,2021)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	6	0.17
(30,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	6	0.17
(30,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	6	0.17
(30,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	6	0.17
(30,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	6	0.17
(30,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	6	0.17
(30,2021)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	6	0.17
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD11	12	0.17
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD12	12	0.17
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD13	12	0.17
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD21	12	0.17
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD22	12	0.17
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD23	12	0.17
(30,1851)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	15	0.17
(30,1851)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	15	0.17
(30,1842)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	12	0.17
(30,1842)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	12	0.17
(30,1842)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	12	0.17
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	15	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	15	0.17
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	15	0.17
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	15	0.17
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	15	0.17
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	15	0.17
(30,1749)	1:140:A:LEU:HD11	1:144:A:LEU:H	16	0.17
(30,1749)	1:140:A:LEU:HD12	1:144:A:LEU:H	16	0.17
(30,1749)	1:140:A:LEU:HD13	1:144:A:LEU:H	16	0.17
(30,1725)	1:14:A:VAL:H	1:79:A:THR:HG21	14	0.17
(30,1725)	1:14:A:VAL:H	1:79:A:THR:HG22	14	0.17
(30,1725)	1:14:A:VAL:H	1:79:A:THR:HG23	14	0.17
(30,1670)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	14	0.17
(30,1670)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	14	0.17
(30,1670)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	14	0.17
(30,1670)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	14	0.17
(30,1649)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	9	0.17
(30,1649)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	9	0.17
(30,1649)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	9	0.17
(30,1649)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	9	0.17
(30,1649)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	9	0.17
(30,1649)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	9	0.17
(30,1646)	1:134:A:VAL:HG21	1:137:A:SER:H	3	0.17
(30,1646)	1:134:A:VAL:HG22	1:137:A:SER:H	3	0.17
(30,1646)	1:134:A:VAL:HG23	1:137:A:SER:H	3	0.17
(30,1610)	1:73:A:ILE:HG21	1:76:A:ARG:H	15	0.17
(30,1610)	1:73:A:ILE:HG22	1:76:A:ARG:H	15	0.17
(30,1610)	1:73:A:ILE:HG23	1:76:A:ARG:H	15	0.17
(30,1607)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	9	0.17
(30,1607)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	9	0.17
(30,1607)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	9	0.17
(30,1601)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	17	0.17
(30,1601)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	17	0.17
(30,1601)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	17	0.17
(30,1584)	1:101:A:ILE:HD11	1:112:A:GLN:HA	5	0.17
(30,1584)	1:101:A:ILE:HD12	1:112:A:GLN:HA	5	0.17
(30,1584)	1:101:A:ILE:HD13	1:112:A:GLN:HA	5	0.17
(30,1563)	1:9:A:PHE:HE1	1:14:A:VAL:HG21	5	0.17
(30,1563)	1:9:A:PHE:HE1	1:14:A:VAL:HG22	5	0.17
(30,1563)	1:9:A:PHE:HE1	1:14:A:VAL:HG23	5	0.17
(30,1563)	1:9:A:PHE:HE2	1:14:A:VAL:HG21	5	0.17
(30,1563)	1:9:A:PHE:HE2	1:14:A:VAL:HG22	5	0.17
(30,1563)	1:9:A:PHE:HE2	1:14:A:VAL:HG23	5	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1562)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	6	0.17
(30,1562)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	6	0.17
(30,1562)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	6	0.17
(30,1562)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	6	0.17
(30,1562)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	6	0.17
(30,1562)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	6	0.17
(30,1541)	1:63:A:ILE:HG21	1:69:A:MET:HE1	17	0.17
(30,1541)	1:63:A:ILE:HG21	1:69:A:MET:HE2	17	0.17
(30,1541)	1:63:A:ILE:HG21	1:69:A:MET:HE3	17	0.17
(30,1541)	1:63:A:ILE:HG22	1:69:A:MET:HE1	17	0.17
(30,1541)	1:63:A:ILE:HG22	1:69:A:MET:HE2	17	0.17
(30,1541)	1:63:A:ILE:HG22	1:69:A:MET:HE3	17	0.17
(30,1541)	1:63:A:ILE:HG23	1:69:A:MET:HE1	17	0.17
(30,1541)	1:63:A:ILE:HG23	1:69:A:MET:HE2	17	0.17
(30,1541)	1:63:A:ILE:HG23	1:69:A:MET:HE3	17	0.17
(30,1515)	1:65:A:CYS:H	1:69:A:MET:HE1	12	0.17
(30,1515)	1:65:A:CYS:H	1:69:A:MET:HE2	12	0.17
(30,1515)	1:65:A:CYS:H	1:69:A:MET:HE3	12	0.17
(30,1515)	1:65:A:CYS:H	1:69:A:MET:HE1	17	0.17
(30,1515)	1:65:A:CYS:H	1:69:A:MET:HE2	17	0.17
(30,1515)	1:65:A:CYS:H	1:69:A:MET:HE3	17	0.17
(30,1496)	1:114:A:ILE:HG21	1:117:A:VAL:HB	13	0.17
(30,1496)	1:114:A:ILE:HG22	1:117:A:VAL:HB	13	0.17
(30,1496)	1:114:A:ILE:HG23	1:117:A:VAL:HB	13	0.17
(30,1474)	1:101:A:ILE:HG21	1:115:A:ALA:H	8	0.17
(30,1474)	1:101:A:ILE:HG22	1:115:A:ALA:H	8	0.17
(30,1474)	1:101:A:ILE:HG23	1:115:A:ALA:H	8	0.17
(30,1460)	1:15:A:ALA:HB1	1:18:A:PHE:HB2	12	0.17
(30,1460)	1:15:A:ALA:HB2	1:18:A:PHE:HB2	12	0.17
(30,1460)	1:15:A:ALA:HB3	1:18:A:PHE:HB2	12	0.17
(30,1444)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	3	0.17
(30,1444)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	3	0.17
(30,1397)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	14	0.17
(30,1397)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	14	0.17
(30,1397)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	14	0.17
(30,1384)	1:94:A:ALA:HA	1:95:A:ILE:HB	15	0.17
(30,1340)	1:125:A:THR:HG21	1:128:A:LEU:HB2	19	0.17
(30,1340)	1:125:A:THR:HG22	1:128:A:LEU:HB2	19	0.17
(30,1340)	1:125:A:THR:HG23	1:128:A:LEU:HB2	19	0.17
(30,1336)	1:117:A:VAL:HG11	1:118:A:ASP:H	2	0.17
(30,1336)	1:117:A:VAL:HG12	1:118:A:ASP:H	2	0.17
(30,1336)	1:117:A:VAL:HG13	1:118:A:ASP:H	2	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1294)	1:59:A:CYS:HA	1:60:A:LEU:HD21	12	0.17
(30,1294)	1:59:A:CYS:HA	1:60:A:LEU:HD22	12	0.17
(30,1294)	1:59:A:CYS:HA	1:60:A:LEU:HD23	12	0.17
(30,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD11	3	0.17
(30,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD12	3	0.17
(30,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD13	3	0.17
(30,1167)	1:101:A:ILE:H	1:119:A:LEU:HD21	5	0.17
(30,1167)	1:101:A:ILE:H	1:119:A:LEU:HD22	5	0.17
(30,1167)	1:101:A:ILE:H	1:119:A:LEU:HD23	5	0.17
(30,1113)	1:143:A:TRP:HA	1:143:A:TRP:HE3	3	0.17
(30,1059)	1:54:A:ARG:HA	1:58:A:ILE:HG13	13	0.17
(30,1029)	1:11:A:ILE:HA	1:11:A:ILE:HG12	18	0.17
(30,937)	1:14:A:VAL:HA	1:18:A:PHE:HD1	12	0.17
(30,937)	1:14:A:VAL:HA	1:18:A:PHE:HD2	12	0.17
(30,832)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	19	0.17
(30,832)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	19	0.17
(30,832)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	19	0.17
(30,832)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	19	0.17
(30,832)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	19	0.17
(30,832)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	19	0.17
(30,832)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	19	0.17
(30,832)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	19	0.17
(30,832)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	19	0.17
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	19	0.17
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	19	0.17
(30,818)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	19	0.17
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	19	0.17
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	19	0.17
(30,818)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	19	0.17
(30,769)	1:101:A:ILE:HD11	1:115:A:ALA:H	1	0.17
(30,769)	1:101:A:ILE:HD12	1:115:A:ALA:H	1	0.17
(30,769)	1:101:A:ILE:HD13	1:115:A:ALA:H	1	0.17
(30,766)	1:69:A:MET:HG3	1:73:A:ILE:HD11	10	0.17
(30,766)	1:69:A:MET:HG3	1:73:A:ILE:HD12	10	0.17
(30,766)	1:69:A:MET:HG3	1:73:A:ILE:HD13	10	0.17
(30,739)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	6	0.17
(30,739)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	17	0.17
(30,698)	1:98:A:ILE:H	1:104:A:PHE:H	10	0.17
(30,677)	1:18:A:PHE:HB3	1:132:A:ALA:H	7	0.17
(30,666)	1:101:A:ILE:HD11	1:116:A:GLN:H	6	0.17
(30,666)	1:101:A:ILE:HD12	1:116:A:GLN:H	6	0.17
(30,666)	1:101:A:ILE:HD13	1:116:A:GLN:H	6	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,504)	1:97:A:ASP:HA	1:105:A:LYS:H	3	0.17
(30,504)	1:97:A:ASP:HA	1:105:A:LYS:H	5	0.17
(30,488)	1:98:A:ILE:H	1:105:A:LYS:H	8	0.17
(30,372)	1:132:A:ALA:H	1:133:A:ASN:HD22	17	0.17
(30,298)	1:128:A:LEU:HB3	1:129:A:LYS:H	9	0.17
(30,224)	1:9:A:PHE:HE1	1:10:A:ASN:H	9	0.17
(30,224)	1:9:A:PHE:HE2	1:10:A:ASN:H	9	0.17
(30,166)	1:94:A:ALA:HB1	1:95:A:ILE:H	10	0.17
(30,166)	1:94:A:ALA:HB2	1:95:A:ILE:H	10	0.17
(30,166)	1:94:A:ALA:HB3	1:95:A:ILE:H	10	0.17
(30,134)	1:12:A:VAL:H	1:13:A:ALA:HB1	6	0.17
(30,134)	1:12:A:VAL:H	1:13:A:ALA:HB2	6	0.17
(30,134)	1:12:A:VAL:H	1:13:A:ALA:HB3	6	0.17
(30,70)	1:63:A:ILE:HG21	1:117:A:VAL:H	12	0.17
(30,70)	1:63:A:ILE:HG22	1:117:A:VAL:H	12	0.17
(30,70)	1:63:A:ILE:HG23	1:117:A:VAL:H	12	0.17
(30,50)	1:98:A:ILE:H	1:101:A:ILE:HG21	6	0.17
(30,50)	1:98:A:ILE:H	1:101:A:ILE:HG22	6	0.17
(30,50)	1:98:A:ILE:H	1:101:A:ILE:HG23	6	0.17
(29,2446)	1:146:A:GLN:HA	1:146:A:GLN:HE21	18	0.17
(29,2446)	1:146:A:GLN:HA	1:146:A:GLN:HE22	18	0.17
(29,2445)	1:144:A:LEU:HD11	1:148:A:CYS:H	18	0.17
(29,2445)	1:144:A:LEU:HD12	1:148:A:CYS:H	18	0.17
(29,2445)	1:144:A:LEU:HD13	1:148:A:CYS:H	18	0.17
(29,2445)	1:144:A:LEU:HD21	1:148:A:CYS:H	18	0.17
(29,2445)	1:144:A:LEU:HD22	1:148:A:CYS:H	18	0.17
(29,2445)	1:144:A:LEU:HD23	1:148:A:CYS:H	18	0.17
(29,2425)	1:141:A:LYS:H	1:148:A:CYS:HB2	11	0.17
(29,2425)	1:141:A:LYS:H	1:148:A:CYS:HB3	11	0.17
(29,2315)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	16	0.17
(29,2315)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	16	0.17
(29,2315)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	16	0.17
(29,2315)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	16	0.17
(29,2315)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	16	0.17
(29,2315)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	16	0.17
(29,2315)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	16	0.17
(29,2315)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	16	0.17
(29,2315)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	16	0.17
(29,2315)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	16	0.17
(29,2315)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	16	0.17
(29,2315)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	16	0.17
(29,2306)	1:105:A:LYS:HG2	1:106:A:ASP:HA	7	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2306)	1:105:A:LYS:HG3	1:106:A:ASP:HA	7	0.17
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG11	14	0.17
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG12	14	0.17
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG13	14	0.17
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG21	14	0.17
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG22	14	0.17
(29,2219)	1:64:A:LYS:HD2	1:96:A:VAL:HG23	14	0.17
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG11	14	0.17
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG12	14	0.17
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG13	14	0.17
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG21	14	0.17
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG22	14	0.17
(29,2219)	1:64:A:LYS:HD3	1:96:A:VAL:HG23	14	0.17
(29,2152)	1:43:A:MET:H	1:140:A:LEU:HD11	9	0.17
(29,2152)	1:43:A:MET:H	1:140:A:LEU:HD12	9	0.17
(29,2152)	1:43:A:MET:H	1:140:A:LEU:HD13	9	0.17
(29,2152)	1:43:A:MET:H	1:140:A:LEU:HD21	9	0.17
(29,2152)	1:43:A:MET:H	1:140:A:LEU:HD22	9	0.17
(29,2152)	1:43:A:MET:H	1:140:A:LEU:HD23	9	0.17
(29,1932)	1:58:A:ILE:HB	1:62:A:HIS:HE1	15	0.17
(29,1878)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	17	0.17
(29,1878)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	17	0.17
(29,1860)	1:59:A:CYS:HA	1:62:A:HIS:HD2	12	0.17
(29,1804)	1:13:A:ALA:H	1:80:A:TYR:HD1	14	0.17
(29,1804)	1:13:A:ALA:H	1:80:A:TYR:HD2	14	0.17
(29,1775)	1:36:A:PRO:HG2	1:37:A:LEU:HG	17	0.17
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG11	13	0.17
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG12	13	0.17
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG13	13	0.17
(29,1663)	1:134:A:VAL:HG21	1:137:A:SER:H	3	0.17
(29,1663)	1:134:A:VAL:HG22	1:137:A:SER:H	3	0.17
(29,1663)	1:134:A:VAL:HG23	1:137:A:SER:H	3	0.17
(29,1641)	1:13:A:ALA:HA	1:80:A:TYR:HB3	14	0.17
(29,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	11	0.17
(29,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	11	0.17
(29,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	11	0.17
(29,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	11	0.17
(29,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	11	0.17
(29,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	11	0.17
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	18	0.17
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	18	0.17
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	18	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	18	0.17
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	18	0.17
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	18	0.17
(29,1573)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	6	0.17
(29,1573)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	6	0.17
(29,1573)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	6	0.17
(29,1573)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	6	0.17
(29,1573)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	6	0.17
(29,1573)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	6	0.17
(29,1507)	1:114:A:ILE:HG21	1:117:A:VAL:HB	13	0.17
(29,1507)	1:114:A:ILE:HG22	1:117:A:VAL:HB	13	0.17
(29,1507)	1:114:A:ILE:HG23	1:117:A:VAL:HB	13	0.17
(29,1484)	1:101:A:ILE:HG21	1:115:A:ALA:H	8	0.17
(29,1484)	1:101:A:ILE:HG22	1:115:A:ALA:H	8	0.17
(29,1484)	1:101:A:ILE:HG23	1:115:A:ALA:H	8	0.17
(29,1450)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	15	0.17
(29,1450)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	15	0.17
(29,1442)	1:101:A:ILE:HB	1:115:A:ALA:HB1	15	0.17
(29,1442)	1:101:A:ILE:HB	1:115:A:ALA:HB2	15	0.17
(29,1442)	1:101:A:ILE:HB	1:115:A:ALA:HB3	15	0.17
(29,1427)	1:73:A:ILE:HG21	1:113:A:PHE:HB3	4	0.17
(29,1427)	1:73:A:ILE:HG22	1:113:A:PHE:HB3	4	0.17
(29,1427)	1:73:A:ILE:HG23	1:113:A:PHE:HB3	4	0.17
(29,1404)	1:9:A:PHE:HE1	1:11:A:ILE:HG21	2	0.17
(29,1404)	1:9:A:PHE:HE1	1:11:A:ILE:HG22	2	0.17
(29,1404)	1:9:A:PHE:HE1	1:11:A:ILE:HG23	2	0.17
(29,1404)	1:9:A:PHE:HE2	1:11:A:ILE:HG21	2	0.17
(29,1404)	1:9:A:PHE:HE2	1:11:A:ILE:HG22	2	0.17
(29,1404)	1:9:A:PHE:HE2	1:11:A:ILE:HG23	2	0.17
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG11	4	0.17
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG12	4	0.17
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG13	4	0.17
(29,1353)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	19	0.17
(29,1353)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	19	0.17
(29,1353)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	19	0.17
(29,1353)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	19	0.17
(29,1353)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	19	0.17
(29,1353)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	19	0.17
(29,1236)	1:110:A:MET:HA	1:113:A:PHE:HB2	17	0.17
(29,1221)	1:41:A:LYS:HA	1:41:A:LYS:HG2	16	0.17
(29,1214)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	11	0.17
(29,1214)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	11	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1214)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	11	0.17
(29,1214)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	11	0.17
(29,1214)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	11	0.17
(29,1214)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	11	0.17
(29,1214)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	11	0.17
(29,1214)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	11	0.17
(29,1214)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	11	0.17
(29,1205)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	3	0.17
(29,1205)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	3	0.17
(29,1205)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	3	0.17
(29,1191)	1:128:A:LEU:HD21	1:129:A:LYS:H	10	0.17
(29,1191)	1:128:A:LEU:HD22	1:129:A:LYS:H	10	0.17
(29,1191)	1:128:A:LEU:HD23	1:129:A:LYS:H	10	0.17
(29,1133)	1:143:A:TRP:HA	1:143:A:TRP:HE3	3	0.17
(29,1123)	1:43:A:MET:HA	1:43:A:MET:HG3	11	0.17
(29,1061)	1:111:A:GLU:HA	1:114:A:ILE:HG12	15	0.17
(29,1041)	1:11:A:ILE:HG12	1:44:A:GLU:HB2	1	0.17
(29,1041)	1:11:A:ILE:HG12	1:44:A:GLU:HB3	1	0.17
(29,1029)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	14	0.17
(29,1029)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	14	0.17
(29,1005)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	4	0.17
(29,1005)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	4	0.17
(29,1005)	1:139:A:LEU:HB2	1:143:A:TRP:HB2	15	0.17
(29,1005)	1:139:A:LEU:HB3	1:143:A:TRP:HB2	15	0.17
(29,953)	1:67:A:PRO:HA	1:70:A:LYS:HB2	17	0.17
(29,953)	1:67:A:PRO:HA	1:70:A:LYS:HB3	17	0.17
(29,829)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	8	0.17
(29,829)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	8	0.17
(29,829)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	8	0.17
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD11	15	0.17
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD12	15	0.17
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD13	15	0.17
(29,810)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	6	0.17
(29,810)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	6	0.17
(29,810)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	6	0.17
(29,810)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	6	0.17
(29,810)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	6	0.17
(29,810)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	6	0.17
(29,810)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	9	0.17
(29,810)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	9	0.17
(29,810)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	9	0.17
(29,810)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	9	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,810)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	9	0.17
(29,810)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	9	0.17
(29,754)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	6	0.17
(29,754)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	17	0.17
(29,723)	1:48:A:ARG:HE	1:49:A:LYS:H	11	0.17
(29,679)	1:120:A:CYS:H	1:121:A:VAL:HG11	18	0.17
(29,679)	1:120:A:CYS:H	1:121:A:VAL:HG12	18	0.17
(29,679)	1:120:A:CYS:H	1:121:A:VAL:HG13	18	0.17
(29,677)	1:116:A:GLN:HG3	1:117:A:VAL:H	19	0.17
(29,676)	1:101:A:ILE:HD11	1:116:A:GLN:H	6	0.17
(29,676)	1:101:A:ILE:HD12	1:116:A:GLN:H	6	0.17
(29,676)	1:101:A:ILE:HD13	1:116:A:GLN:H	6	0.17
(29,660)	1:96:A:VAL:HA	1:116:A:GLN:HE22	6	0.17
(29,532)	1:71:A:LYS:HG3	1:72:A:PHE:H	14	0.17
(29,516)	1:67:A:PRO:HB2	1:71:A:LYS:H	11	0.17
(29,516)	1:67:A:PRO:HB3	1:71:A:LYS:H	11	0.17
(29,486)	1:147:A:ARG:HG2	1:148:A:CYS:H	8	0.17
(29,486)	1:147:A:ARG:HG3	1:148:A:CYS:H	8	0.17
(29,369)	1:132:A:ALA:H	1:133:A:ASN:HD22	17	0.17
(29,351)	1:104:A:PHE:H	1:104:A:PHE:HD1	12	0.17
(29,351)	1:104:A:PHE:H	1:104:A:PHE:HD2	12	0.17
(29,289)	1:50:A:ALA:HB1	1:52:A:CYS:H	10	0.17
(29,289)	1:50:A:ALA:HB2	1:52:A:CYS:H	10	0.17
(29,289)	1:50:A:ALA:HB3	1:52:A:CYS:H	10	0.17
(29,227)	1:9:A:PHE:HE1	1:10:A:ASN:H	12	0.17
(29,227)	1:9:A:PHE:HE2	1:10:A:ASN:H	12	0.17
(29,174)	1:94:A:ALA:HB1	1:95:A:ILE:H	10	0.17
(29,174)	1:94:A:ALA:HB2	1:95:A:ILE:H	10	0.17
(29,174)	1:94:A:ALA:HB3	1:95:A:ILE:H	10	0.17
(29,71)	1:13:A:ALA:HB1	1:81:A:GLU:H	8	0.17
(29,71)	1:13:A:ALA:HB2	1:81:A:GLU:H	8	0.17
(29,71)	1:13:A:ALA:HB3	1:81:A:GLU:H	8	0.17
(29,63)	1:117:A:VAL:H	1:118:A:ASP:HB2	1	0.17
(24,43)	1:128:A:LEU:H	1:124:A:THR:O	16	0.17
(24,41)	1:120:A:CYS:H	1:116:A:GLN:O	3	0.17
(24,33)	1:116:A:GLN:H	1:112:A:GLN:O	19	0.17
(24,29)	1:114:A:ILE:H	1:110:A:MET:O	5	0.17
(24,29)	1:114:A:ILE:H	1:110:A:MET:O	9	0.17
(24,29)	1:114:A:ILE:H	1:110:A:MET:O	11	0.17
(24,29)	1:114:A:ILE:H	1:110:A:MET:O	14	0.17
(24,27)	1:113:A:PHE:H	1:109:A:PRO:O	2	0.17
(24,27)	1:113:A:PHE:H	1:109:A:PRO:O	3	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(24,27)	1:113:A:PHE:H	1:109:A:PRO:O	12	0.17
(24,27)	1:113:A:PHE:H	1:109:A:PRO:O	13	0.17
(24,27)	1:113:A:PHE:H	1:109:A:PRO:O	18	0.17
(24,25)	1:107:A:LEU:H	1:103:A:ARG:O	2	0.17
(24,25)	1:107:A:LEU:H	1:103:A:ARG:O	13	0.17
(24,25)	1:107:A:LEU:H	1:103:A:ARG:O	14	0.17
(24,25)	1:107:A:LEU:H	1:103:A:ARG:O	17	0.17
(24,23)	1:101:A:ILE:H	1:98:A:ILE:O	9	0.17
(24,23)	1:101:A:ILE:H	1:98:A:ILE:O	14	0.17
(23,17)	1:118:A:ASP:N	1:114:A:ILE:O	4	0.17
(23,9)	1:73:A:ILE:N	1:69:A:MET:O	6	0.17
(23,1)	1:17:A:ASN:N	1:13:A:ALA:O	7	0.17
(22,22)	1:107:A:LEU:N	1:103:A:ARG:C	7	0.17
(22,4)	1:39:A:VAL:N	1:36:A:PRO:C	16	0.17
(20,8)	1:56:A:CYS:SG	1:123:A:CYS:SG	19	0.17
(18,2466)	1:146:A:GLN:HA	1:146:A:GLN:HE21	18	0.17
(18,2466)	1:146:A:GLN:HA	1:146:A:GLN:HE22	18	0.17
(18,2451)	1:141:A:LYS:H	1:148:A:CYS:HB2	11	0.17
(18,2451)	1:141:A:LYS:H	1:148:A:CYS:HB3	11	0.17
(18,2415)	1:134:A:VAL:HG11	1:137:A:SER:H	4	0.17
(18,2415)	1:134:A:VAL:HG12	1:137:A:SER:H	4	0.17
(18,2415)	1:134:A:VAL:HG13	1:137:A:SER:H	4	0.17
(18,2415)	1:134:A:VAL:HG21	1:137:A:SER:H	4	0.17
(18,2415)	1:134:A:VAL:HG22	1:137:A:SER:H	4	0.17
(18,2415)	1:134:A:VAL:HG23	1:137:A:SER:H	4	0.17
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB1	1	0.17
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB2	1	0.17
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB3	1	0.17
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB1	1	0.17
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB2	1	0.17
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB3	1	0.17
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB1	1	0.17
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB2	1	0.17
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB3	1	0.17
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB1	1	0.17
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB2	1	0.17
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB3	1	0.17
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB1	1	0.17
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB2	1	0.17
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB3	1	0.17
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB1	1	0.17
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB2	1	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB3	1	0.17
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB1	8	0.17
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB2	8	0.17
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB3	8	0.17
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB1	8	0.17
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB2	8	0.17
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB3	8	0.17
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB1	8	0.17
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB2	8	0.17
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB3	8	0.17
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB1	8	0.17
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB2	8	0.17
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB3	8	0.17
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB1	8	0.17
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB2	8	0.17
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB3	8	0.17
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB1	8	0.17
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB2	8	0.17
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB3	8	0.17
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB1	9	0.17
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB2	9	0.17
(18,2391)	1:128:A:LEU:HD11	1:132:A:ALA:HB3	9	0.17
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB1	9	0.17
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB2	9	0.17
(18,2391)	1:128:A:LEU:HD12	1:132:A:ALA:HB3	9	0.17
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB1	9	0.17
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB2	9	0.17
(18,2391)	1:128:A:LEU:HD13	1:132:A:ALA:HB3	9	0.17
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB1	9	0.17
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB2	9	0.17
(18,2391)	1:128:A:LEU:HD21	1:132:A:ALA:HB3	9	0.17
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB1	9	0.17
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB2	9	0.17
(18,2391)	1:128:A:LEU:HD22	1:132:A:ALA:HB3	9	0.17
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB1	9	0.17
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB2	9	0.17
(18,2391)	1:128:A:LEU:HD23	1:132:A:ALA:HB3	9	0.17
(18,2330)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	11	0.17
(18,2330)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	11	0.17
(18,2330)	1:109:A:PRO:HG3	1:112:A:GLN:HB2	11	0.17
(18,2330)	1:109:A:PRO:HG3	1:112:A:GLN:HB3	11	0.17
(18,2325)	1:107:A:LEU:HD11	1:115:A:ALA:H	3	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2325)	1:107:A:LEU:HD12	1:115:A:ALA:H	3	0.17
(18,2325)	1:107:A:LEU:HD13	1:115:A:ALA:H	3	0.17
(18,2325)	1:107:A:LEU:HD21	1:115:A:ALA:H	3	0.17
(18,2325)	1:107:A:LEU:HD22	1:115:A:ALA:H	3	0.17
(18,2325)	1:107:A:LEU:HD23	1:115:A:ALA:H	3	0.17
(18,2324)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	6	0.17
(18,2324)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	6	0.17
(18,2324)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	6	0.17
(18,2324)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	6	0.17
(18,2324)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	6	0.17
(18,2324)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	6	0.17
(18,2310)	1:105:A:LYS:HG2	1:106:A:ASP:HA	7	0.17
(18,2310)	1:105:A:LYS:HG3	1:106:A:ASP:HA	7	0.17
(18,2277)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	10	0.17
(18,2277)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	10	0.17
(18,2277)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	10	0.17
(18,2277)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	10	0.17
(18,2277)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	10	0.17
(18,2277)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	10	0.17
(18,2194)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	10	0.17
(18,2194)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	10	0.17
(18,2194)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	10	0.17
(18,2194)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	10	0.17
(18,2194)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	10	0.17
(18,2194)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	10	0.17
(18,2190)	1:54:A:ARG:HB2	1:58:A:ILE:HD11	17	0.17
(18,2190)	1:54:A:ARG:HB2	1:58:A:ILE:HD12	17	0.17
(18,2190)	1:54:A:ARG:HB2	1:58:A:ILE:HD13	17	0.17
(18,2190)	1:54:A:ARG:HB3	1:58:A:ILE:HD11	17	0.17
(18,2190)	1:54:A:ARG:HB3	1:58:A:ILE:HD12	17	0.17
(18,2190)	1:54:A:ARG:HB3	1:58:A:ILE:HD13	17	0.17
(18,2175)	1:47:A:ALA:HA	1:131:A:LEU:HD11	10	0.17
(18,2175)	1:47:A:ALA:HA	1:131:A:LEU:HD12	10	0.17
(18,2175)	1:47:A:ALA:HA	1:131:A:LEU:HD13	10	0.17
(18,2175)	1:47:A:ALA:HA	1:131:A:LEU:HD21	10	0.17
(18,2175)	1:47:A:ALA:HA	1:131:A:LEU:HD22	10	0.17
(18,2175)	1:47:A:ALA:HA	1:131:A:LEU:HD23	10	0.17
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD11	3	0.17
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD12	3	0.17
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD13	3	0.17
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD21	3	0.17
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD22	3	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD23	3	0.17
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	3	0.17
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	3	0.17
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	3	0.17
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	3	0.17
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	3	0.17
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	3	0.17
(18,2110)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	13	0.17
(18,2110)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	13	0.17
(18,2110)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	13	0.17
(18,2110)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	13	0.17
(18,2110)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	13	0.17
(18,2110)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	13	0.17
(18,2110)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	13	0.17
(18,2110)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	13	0.17
(18,2110)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	13	0.17
(18,2110)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	13	0.17
(18,2110)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	13	0.17
(18,2110)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	13	0.17
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	4	0.17
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	4	0.17
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	4	0.17
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	4	0.17
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	4	0.17
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	4	0.17
(18,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	2	0.17
(18,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	2	0.17
(18,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	2	0.17
(18,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	2	0.17
(18,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	2	0.17
(18,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	2	0.17
(18,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	2	0.17
(18,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	2	0.17
(18,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	2	0.17
(18,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	2	0.17
(18,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	2	0.17
(18,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	2	0.17
(18,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	2	0.17
(18,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	2	0.17
(18,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	2	0.17
(18,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	2	0.17
(18,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	2	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	2	0.17
(18,1975)	1:12:A:VAL:HG11	1:43:A:MET:HB2	16	0.17
(18,1975)	1:12:A:VAL:HG12	1:43:A:MET:HB2	16	0.17
(18,1975)	1:12:A:VAL:HG13	1:43:A:MET:HB2	16	0.17
(18,1975)	1:12:A:VAL:HG21	1:43:A:MET:HB2	16	0.17
(18,1975)	1:12:A:VAL:HG22	1:43:A:MET:HB2	16	0.17
(18,1975)	1:12:A:VAL:HG23	1:43:A:MET:HB2	16	0.17
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG11	16	0.17
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG12	16	0.17
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG13	16	0.17
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG21	16	0.17
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG22	16	0.17
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG23	16	0.17
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	4	0.17
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	4	0.17
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	4	0.17
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	4	0.17
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	4	0.17
(18,1950)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	4	0.17
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	4	0.17
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	4	0.17
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	4	0.17
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	4	0.17
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	4	0.17
(18,1950)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	4	0.17
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	4	0.17
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	4	0.17
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	4	0.17
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	4	0.17
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	4	0.17
(18,1950)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	4	0.17
(18,1865)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	1	0.17
(18,1865)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	1	0.17
(18,1837)	1:80:A:TYR:HE1	1:81:A:GLU:HB2	1	0.17
(18,1837)	1:80:A:TYR:HE2	1:81:A:GLU:HB2	1	0.17
(18,1830)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	12	0.17
(18,1830)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	12	0.17
(18,1830)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	12	0.17
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	4	0.17
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	4	0.17
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	4	0.17
(18,1749)	1:97:A:ASP:HA	1:105:A:LYS:HA	2	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1737)	1:36:A:PRO:HG2	1:37:A:LEU:HG	17	0.17
(18,1703)	1:14:A:VAL:H	1:79:A:THR:HG21	14	0.17
(18,1703)	1:14:A:VAL:H	1:79:A:THR:HG22	14	0.17
(18,1703)	1:14:A:VAL:H	1:79:A:THR:HG23	14	0.17
(18,1688)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	6	0.17
(18,1688)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	6	0.17
(18,1591)	1:73:A:ILE:HG21	1:76:A:ARG:H	15	0.17
(18,1591)	1:73:A:ILE:HG22	1:76:A:ARG:H	15	0.17
(18,1591)	1:73:A:ILE:HG23	1:76:A:ARG:H	15	0.17
(18,1569)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	15	0.17
(18,1569)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	15	0.17
(18,1569)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	15	0.17
(18,1564)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	2	0.17
(18,1564)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	2	0.17
(18,1564)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	2	0.17
(18,1564)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	2	0.17
(18,1564)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	2	0.17
(18,1564)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	2	0.17
(18,1564)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	2	0.17
(18,1564)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	2	0.17
(18,1564)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	2	0.17
(18,1545)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	6	0.17
(18,1545)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	6	0.17
(18,1545)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	6	0.17
(18,1545)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	6	0.17
(18,1545)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	6	0.17
(18,1545)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	6	0.17
(18,1534)	1:63:A:ILE:HG21	1:69:A:MET:HE1	17	0.17
(18,1534)	1:63:A:ILE:HG21	1:69:A:MET:HE2	17	0.17
(18,1534)	1:63:A:ILE:HG21	1:69:A:MET:HE3	17	0.17
(18,1534)	1:63:A:ILE:HG22	1:69:A:MET:HE1	17	0.17
(18,1534)	1:63:A:ILE:HG22	1:69:A:MET:HE2	17	0.17
(18,1534)	1:63:A:ILE:HG22	1:69:A:MET:HE3	17	0.17
(18,1534)	1:63:A:ILE:HG23	1:69:A:MET:HE1	17	0.17
(18,1534)	1:63:A:ILE:HG23	1:69:A:MET:HE2	17	0.17
(18,1534)	1:63:A:ILE:HG23	1:69:A:MET:HE3	17	0.17
(18,1507)	1:65:A:CYS:H	1:69:A:MET:HE1	12	0.17
(18,1507)	1:65:A:CYS:H	1:69:A:MET:HE2	12	0.17
(18,1507)	1:65:A:CYS:H	1:69:A:MET:HE3	12	0.17
(18,1507)	1:65:A:CYS:H	1:69:A:MET:HE1	17	0.17
(18,1507)	1:65:A:CYS:H	1:69:A:MET:HE2	17	0.17
(18,1507)	1:65:A:CYS:H	1:69:A:MET:HE3	17	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1452)	1:13:A:ALA:HB1	1:79:A:THR:HB	2	0.17
(18,1452)	1:13:A:ALA:HB2	1:79:A:THR:HB	2	0.17
(18,1452)	1:13:A:ALA:HB3	1:79:A:THR:HB	2	0.17
(18,1438)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	15	0.17
(18,1438)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	15	0.17
(18,1407)	1:101:A:ILE:HG21	1:102:A:PRO:HD3	14	0.17
(18,1407)	1:101:A:ILE:HG22	1:102:A:PRO:HD3	14	0.17
(18,1407)	1:101:A:ILE:HG23	1:102:A:PRO:HD3	14	0.17
(18,1391)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	14	0.17
(18,1391)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	14	0.17
(18,1391)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	14	0.17
(18,1380)	1:94:A:ALA:HA	1:95:A:ILE:HB	15	0.17
(18,1246)	1:39:A:VAL:HA	1:139:A:LEU:HD21	4	0.17
(18,1246)	1:39:A:VAL:HA	1:139:A:LEU:HD22	4	0.17
(18,1246)	1:39:A:VAL:HA	1:139:A:LEU:HD23	4	0.17
(18,1246)	1:39:A:VAL:HA	1:139:A:LEU:HD21	5	0.17
(18,1246)	1:39:A:VAL:HA	1:139:A:LEU:HD22	5	0.17
(18,1246)	1:39:A:VAL:HA	1:139:A:LEU:HD23	5	0.17
(18,1244)	1:39:A:VAL:H	1:139:A:LEU:HD21	16	0.17
(18,1244)	1:39:A:VAL:H	1:139:A:LEU:HD22	16	0.17
(18,1244)	1:39:A:VAL:H	1:139:A:LEU:HD23	16	0.17
(18,1196)	1:23:A:LEU:HD21	1:24:A:ASP:H	1	0.17
(18,1196)	1:23:A:LEU:HD22	1:24:A:ASP:H	1	0.17
(18,1196)	1:23:A:LEU:HD23	1:24:A:ASP:H	1	0.17
(18,1138)	1:140:A:LEU:HA	1:144:A:LEU:HD11	3	0.17
(18,1138)	1:140:A:LEU:HA	1:144:A:LEU:HD12	3	0.17
(18,1138)	1:140:A:LEU:HA	1:144:A:LEU:HD13	3	0.17
(18,1089)	1:38:A:GLU:HA	1:41:A:LYS:H	18	0.17
(18,1062)	1:111:A:GLU:HA	1:114:A:ILE:HG12	15	0.17
(18,1054)	1:11:A:ILE:HA	1:11:A:ILE:HG12	18	0.17
(18,1043)	1:41:A:LYS:HA	1:44:A:GLU:HB2	7	0.17
(18,1043)	1:41:A:LYS:HA	1:44:A:GLU:HB3	7	0.17
(18,1031)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	14	0.17
(18,1031)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	14	0.17
(18,979)	1:110:A:MET:HG2	1:114:A:ILE:HD11	19	0.17
(18,979)	1:110:A:MET:HG2	1:114:A:ILE:HD12	19	0.17
(18,979)	1:110:A:MET:HG2	1:114:A:ILE:HD13	19	0.17
(18,979)	1:110:A:MET:HG3	1:114:A:ILE:HD11	19	0.17
(18,979)	1:110:A:MET:HG3	1:114:A:ILE:HD12	19	0.17
(18,979)	1:110:A:MET:HG3	1:114:A:ILE:HD13	19	0.17
(18,962)	1:39:A:VAL:HA	1:140:A:LEU:HD11	2	0.17
(18,962)	1:39:A:VAL:HA	1:140:A:LEU:HD12	2	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,962)	1:39:A:VAL:HA	1:140:A:LEU:HD13	2	0.17
(18,955)	1:67:A:PRO:HA	1:70:A:LYS:HB2	17	0.17
(18,955)	1:67:A:PRO:HA	1:70:A:LYS:HB3	17	0.17
(18,952)	1:14:A:VAL:HA	1:17:A:ASN:HD22	12	0.17
(18,877)	1:56:A:CYS:H	1:122:A:ASP:HB3	1	0.17
(18,868)	1:37:A:LEU:HB3	1:40:A:LEU:H	12	0.17
(18,831)	1:98:A:ILE:HD11	1:119:A:LEU:HG	5	0.17
(18,831)	1:98:A:ILE:HD12	1:119:A:LEU:HG	5	0.17
(18,831)	1:98:A:ILE:HD13	1:119:A:LEU:HG	5	0.17
(18,831)	1:98:A:ILE:HD11	1:119:A:LEU:HG	9	0.17
(18,831)	1:98:A:ILE:HD12	1:119:A:LEU:HG	9	0.17
(18,831)	1:98:A:ILE:HD13	1:119:A:LEU:HG	9	0.17
(18,806)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	6	0.17
(18,806)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	6	0.17
(18,806)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	6	0.17
(18,806)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	6	0.17
(18,806)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	6	0.17
(18,806)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	6	0.17
(18,806)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	9	0.17
(18,806)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	9	0.17
(18,806)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	9	0.17
(18,806)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	9	0.17
(18,806)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	9	0.17
(18,806)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	9	0.17
(18,795)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	11	0.17
(18,795)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	11	0.17
(18,795)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	11	0.17
(18,795)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	11	0.17
(18,795)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	11	0.17
(18,795)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	11	0.17
(18,778)	1:42:A:GLU:H	1:42:A:GLU:HB3	8	0.17
(18,766)	1:103:A:ARG:HB2	1:103:A:ARG:HE	11	0.17
(18,766)	1:103:A:ARG:HB3	1:103:A:ARG:HE	11	0.17
(18,758)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	1	0.17
(18,758)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	1	0.17
(18,757)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	6	0.17
(18,757)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	17	0.17
(18,686)	1:120:A:CYS:H	1:121:A:VAL:HG11	18	0.17
(18,686)	1:120:A:CYS:H	1:121:A:VAL:HG12	18	0.17
(18,686)	1:120:A:CYS:H	1:121:A:VAL:HG13	18	0.17
(18,683)	1:101:A:ILE:HD11	1:116:A:GLN:H	6	0.17
(18,683)	1:101:A:ILE:HD12	1:116:A:GLN:H	6	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,683)	1:101:A:ILE:HD13	1:116:A:GLN:H	6	0.17
(18,667)	1:96:A:VAL:HA	1:116:A:GLN:HE22	6	0.17
(18,634)	1:96:A:VAL:H	1:97:A:ASP:H	2	0.17
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB2	5	0.17
(18,598)	1:126:A:GLY:H	1:129:A:LYS:HB3	5	0.17
(18,593)	1:129:A:LYS:HB2	1:130:A:GLY:H	10	0.17
(18,593)	1:129:A:LYS:HB3	1:130:A:GLY:H	10	0.17
(18,544)	1:71:A:LYS:HG3	1:72:A:PHE:H	14	0.17
(18,543)	1:71:A:LYS:HB2	1:72:A:PHE:H	3	0.17
(18,522)	1:97:A:ASP:HA	1:105:A:LYS:H	3	0.17
(18,522)	1:97:A:ASP:HA	1:105:A:LYS:H	5	0.17
(18,501)	1:98:A:ILE:H	1:105:A:LYS:H	10	0.17
(18,485)	1:48:A:ARG:HA	1:53:A:THR:H	8	0.17
(18,485)	1:48:A:ARG:HA	1:53:A:THR:H	16	0.17
(18,378)	1:132:A:ALA:H	1:133:A:ASN:HD22	17	0.17
(18,372)	1:70:A:LYS:H	1:70:A:LYS:HE2	10	0.17
(18,372)	1:70:A:LYS:H	1:70:A:LYS:HE3	10	0.17
(18,345)	1:57:A:LEU:H	1:58:A:ILE:HG13	13	0.17
(18,306)	1:128:A:LEU:HB3	1:129:A:LYS:H	9	0.17
(18,292)	1:50:A:ALA:H	1:52:A:CYS:H	12	0.17
(18,267)	1:27:A:ARG:HB3	1:29:A:LYS:H	12	0.17
(18,228)	1:9:A:PHE:HE1	1:10:A:ASN:H	9	0.17
(18,228)	1:9:A:PHE:HE2	1:10:A:ASN:H	9	0.17
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD11	2	0.17
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD12	2	0.17
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD13	2	0.17
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD11	8	0.17
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD12	8	0.17
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD13	8	0.17
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD11	12	0.17
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD12	12	0.17
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD13	12	0.17
(18,194)	1:44:A:GLU:H	1:44:A:GLU:HG3	5	0.17
(18,169)	1:131:A:LEU:H	1:131:A:LEU:HD21	5	0.17
(18,169)	1:131:A:LEU:H	1:131:A:LEU:HD22	5	0.17
(18,169)	1:131:A:LEU:H	1:131:A:LEU:HD23	5	0.17
(18,167)	1:94:A:ALA:HB1	1:95:A:ILE:H	10	0.17
(18,167)	1:94:A:ALA:HB2	1:95:A:ILE:H	10	0.17
(18,167)	1:94:A:ALA:HB3	1:95:A:ILE:H	10	0.17
(18,166)	1:95:A:ILE:H	1:95:A:ILE:HB	1	0.17
(18,136)	1:12:A:VAL:H	1:13:A:ALA:HB1	6	0.17
(18,136)	1:12:A:VAL:H	1:13:A:ALA:HB2	6	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,136)	1:12:A:VAL:H	1:13:A:ALA:HB3	6	0.17
(18,127)	1:48:A:ARG:HD2	1:49:A:LYS:H	12	0.17
(18,127)	1:48:A:ARG:HD3	1:49:A:LYS:H	12	0.17
(18,65)	1:117:A:VAL:H	1:118:A:ASP:HB2	1	0.17
(18,30)	1:35:A:LEU:H	1:35:A:LEU:HG	1	0.17
(17,2467)	1:143:A:TRP:H	1:144:A:LEU:HD11	1	0.17
(17,2467)	1:143:A:TRP:H	1:144:A:LEU:HD12	1	0.17
(17,2467)	1:143:A:TRP:H	1:144:A:LEU:HD13	1	0.17
(17,2467)	1:143:A:TRP:H	1:144:A:LEU:HD21	1	0.17
(17,2467)	1:143:A:TRP:H	1:144:A:LEU:HD22	1	0.17
(17,2467)	1:143:A:TRP:H	1:144:A:LEU:HD23	1	0.17
(17,2381)	1:117:A:VAL:HG11	1:120:A:CYS:HB2	9	0.17
(17,2381)	1:117:A:VAL:HG12	1:120:A:CYS:HB2	9	0.17
(17,2381)	1:117:A:VAL:HG13	1:120:A:CYS:HB2	9	0.17
(17,2381)	1:117:A:VAL:HG21	1:120:A:CYS:HB2	9	0.17
(17,2381)	1:117:A:VAL:HG22	1:120:A:CYS:HB2	9	0.17
(17,2381)	1:117:A:VAL:HG23	1:120:A:CYS:HB2	9	0.17
(17,2356)	1:111:A:GLU:H	1:111:A:GLU:HG2	2	0.17
(17,2356)	1:111:A:GLU:H	1:111:A:GLU:HG3	2	0.17
(17,2356)	1:111:A:GLU:H	1:111:A:GLU:HG2	4	0.17
(17,2356)	1:111:A:GLU:H	1:111:A:GLU:HG3	4	0.17
(17,2356)	1:111:A:GLU:H	1:111:A:GLU:HG2	13	0.17
(17,2356)	1:111:A:GLU:H	1:111:A:GLU:HG3	13	0.17
(17,2328)	1:105:A:LYS:HG2	1:106:A:ASP:HA	7	0.17
(17,2328)	1:105:A:LYS:HG3	1:106:A:ASP:HA	7	0.17
(17,2287)	1:81:A:GLU:H	1:81:A:GLU:HB2	12	0.17
(17,2287)	1:81:A:GLU:H	1:81:A:GLU:HB3	12	0.17
(17,2272)	1:74:A:PRO:HA	1:77:A:CYS:HB2	19	0.17
(17,2272)	1:74:A:PRO:HA	1:77:A:CYS:HB3	19	0.17
(17,2239)	1:65:A:CYS:HB2	1:70:A:LYS:H	8	0.17
(17,2239)	1:65:A:CYS:HB3	1:70:A:LYS:H	8	0.17
(17,2172)	1:44:A:GLU:H	1:140:A:LEU:HD11	9	0.17
(17,2172)	1:44:A:GLU:H	1:140:A:LEU:HD12	9	0.17
(17,2172)	1:44:A:GLU:H	1:140:A:LEU:HD13	9	0.17
(17,2172)	1:44:A:GLU:H	1:140:A:LEU:HD21	9	0.17
(17,2172)	1:44:A:GLU:H	1:140:A:LEU:HD22	9	0.17
(17,2172)	1:44:A:GLU:H	1:140:A:LEU:HD23	9	0.17
(17,2009)	1:14:A:VAL:HG11	1:61:A:SER:H	12	0.17
(17,2009)	1:14:A:VAL:HG12	1:61:A:SER:H	12	0.17
(17,2009)	1:14:A:VAL:HG13	1:61:A:SER:H	12	0.17
(17,2009)	1:14:A:VAL:HG21	1:61:A:SER:H	12	0.17
(17,2009)	1:14:A:VAL:HG22	1:61:A:SER:H	12	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2009)	1:14:A:VAL:HG23	1:61:A:SER:H	12	0.17
(17,1858)	1:59:A:CYS:HA	1:62:A:HIS:HD2	1	0.17
(17,1858)	1:59:A:CYS:HA	1:62:A:HIS:HD2	10	0.17
(17,1802)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	1	0.17
(17,1802)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	1	0.17
(17,1802)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	1	0.17
(17,1802)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	1	0.17
(17,1802)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	1	0.17
(17,1802)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	1	0.17
(17,1802)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	1	0.17
(17,1802)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	1	0.17
(17,1802)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	1	0.17
(17,1802)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	1	0.17
(17,1802)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	1	0.17
(17,1802)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	1	0.17
(17,1796)	1:13:A:ALA:H	1:80:A:TYR:HD1	14	0.17
(17,1796)	1:13:A:ALA:H	1:80:A:TYR:HD2	14	0.17
(17,1781)	1:97:A:ASP:HA	1:105:A:LYS:HA	2	0.17
(17,1770)	1:36:A:PRO:HG2	1:37:A:LEU:HG	17	0.17
(17,1626)	1:126:A:GLY:H	1:128:A:LEU:HD11	6	0.17
(17,1626)	1:126:A:GLY:H	1:128:A:LEU:HD12	6	0.17
(17,1626)	1:126:A:GLY:H	1:128:A:LEU:HD13	6	0.17
(17,1621)	1:72:A:PHE:H	1:73:A:ILE:HG21	19	0.17
(17,1621)	1:72:A:PHE:H	1:73:A:ILE:HG22	19	0.17
(17,1621)	1:72:A:PHE:H	1:73:A:ILE:HG23	19	0.17
(17,1619)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	9	0.17
(17,1619)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	9	0.17
(17,1619)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	9	0.17
(17,1563)	1:63:A:ILE:HG21	1:69:A:MET:HE1	17	0.17
(17,1563)	1:63:A:ILE:HG21	1:69:A:MET:HE2	17	0.17
(17,1563)	1:63:A:ILE:HG21	1:69:A:MET:HE3	17	0.17
(17,1563)	1:63:A:ILE:HG22	1:69:A:MET:HE1	17	0.17
(17,1563)	1:63:A:ILE:HG22	1:69:A:MET:HE2	17	0.17
(17,1563)	1:63:A:ILE:HG22	1:69:A:MET:HE3	17	0.17
(17,1563)	1:63:A:ILE:HG23	1:69:A:MET:HE1	17	0.17
(17,1563)	1:63:A:ILE:HG23	1:69:A:MET:HE2	17	0.17
(17,1563)	1:63:A:ILE:HG23	1:69:A:MET:HE3	17	0.17
(17,1546)	1:110:A:MET:HE1	1:113:A:PHE:HA	19	0.17
(17,1546)	1:110:A:MET:HE2	1:113:A:PHE:HA	19	0.17
(17,1546)	1:110:A:MET:HE3	1:113:A:PHE:HA	19	0.17
(17,1539)	1:65:A:CYS:H	1:69:A:MET:HE1	12	0.17
(17,1539)	1:65:A:CYS:H	1:69:A:MET:HE2	12	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1539)	1:65:A:CYS:H	1:69:A:MET:HE3	12	0.17
(17,1539)	1:65:A:CYS:H	1:69:A:MET:HE1	17	0.17
(17,1539)	1:65:A:CYS:H	1:69:A:MET:HE2	17	0.17
(17,1539)	1:65:A:CYS:H	1:69:A:MET:HE3	17	0.17
(17,1498)	1:101:A:ILE:HG21	1:115:A:ALA:H	8	0.17
(17,1498)	1:101:A:ILE:HG22	1:115:A:ALA:H	8	0.17
(17,1498)	1:101:A:ILE:HG23	1:115:A:ALA:H	8	0.17
(17,1497)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	9	0.17
(17,1496)	1:45:A:ALA:HB1	1:49:A:LYS:HB2	1	0.17
(17,1496)	1:45:A:ALA:HB1	1:49:A:LYS:HB3	1	0.17
(17,1496)	1:45:A:ALA:HB2	1:49:A:LYS:HB2	1	0.17
(17,1496)	1:45:A:ALA:HB2	1:49:A:LYS:HB3	1	0.17
(17,1496)	1:45:A:ALA:HB3	1:49:A:LYS:HB2	1	0.17
(17,1496)	1:45:A:ALA:HB3	1:49:A:LYS:HB3	1	0.17
(17,1464)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	6	0.17
(17,1464)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	6	0.17
(17,1404)	1:94:A:ALA:HA	1:95:A:ILE:HB	15	0.17
(17,1361)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	19	0.17
(17,1361)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	19	0.17
(17,1361)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	19	0.17
(17,1361)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	19	0.17
(17,1361)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	19	0.17
(17,1361)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	19	0.17
(17,1358)	1:125:A:THR:HG21	1:128:A:LEU:HB2	19	0.17
(17,1358)	1:125:A:THR:HG22	1:128:A:LEU:HB2	19	0.17
(17,1358)	1:125:A:THR:HG23	1:128:A:LEU:HB2	19	0.17
(17,1343)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	13	0.17
(17,1343)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	13	0.17
(17,1343)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	13	0.17
(17,1343)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	13	0.17
(17,1343)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	13	0.17
(17,1343)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	13	0.17
(17,1343)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	13	0.17
(17,1343)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	13	0.17
(17,1343)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	13	0.17
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD21	1	0.17
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD22	1	0.17
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD23	1	0.17
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD21	12	0.17
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD22	12	0.17
(17,1324)	1:125:A:THR:H	1:128:A:LEU:HD23	12	0.17
(17,1321)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	8	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1321)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	8	0.17
(17,1321)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	8	0.17
(17,1321)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	8	0.17
(17,1321)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	8	0.17
(17,1321)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	8	0.17
(17,1321)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	8	0.17
(17,1321)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	8	0.17
(17,1321)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	8	0.17
(17,1299)	1:128:A:LEU:HD21	1:129:A:LYS:H	8	0.17
(17,1299)	1:128:A:LEU:HD22	1:129:A:LYS:H	8	0.17
(17,1299)	1:128:A:LEU:HD23	1:129:A:LYS:H	8	0.17
(17,1248)	1:39:A:VAL:HA	1:139:A:LEU:HD21	4	0.17
(17,1248)	1:39:A:VAL:HA	1:139:A:LEU:HD22	4	0.17
(17,1248)	1:39:A:VAL:HA	1:139:A:LEU:HD23	4	0.17
(17,1248)	1:39:A:VAL:HA	1:139:A:LEU:HD21	5	0.17
(17,1248)	1:39:A:VAL:HA	1:139:A:LEU:HD22	5	0.17
(17,1248)	1:39:A:VAL:HA	1:139:A:LEU:HD23	5	0.17
(17,1240)	1:136:A:CYS:HA	1:140:A:LEU:HD11	14	0.17
(17,1240)	1:136:A:CYS:HA	1:140:A:LEU:HD12	14	0.17
(17,1240)	1:136:A:CYS:HA	1:140:A:LEU:HD13	14	0.17
(17,1177)	1:140:A:LEU:HD21	1:144:A:LEU:H	13	0.17
(17,1177)	1:140:A:LEU:HD22	1:144:A:LEU:H	13	0.17
(17,1177)	1:140:A:LEU:HD23	1:144:A:LEU:H	13	0.17
(17,1055)	1:111:A:GLU:HA	1:114:A:ILE:HG12	15	0.17
(17,1045)	1:11:A:ILE:HB	1:44:A:GLU:HB2	5	0.17
(17,1045)	1:11:A:ILE:HB	1:44:A:GLU:HB3	5	0.17
(17,1021)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	14	0.17
(17,1021)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	14	0.17
(17,961)	1:96:A:VAL:HB	1:97:A:ASP:H	11	0.17
(17,945)	1:69:A:MET:HG2	1:109:A:PRO:HA	12	0.17
(17,834)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	2	0.17
(17,834)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	2	0.17
(17,834)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	2	0.17
(17,834)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	2	0.17
(17,834)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	2	0.17
(17,834)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	2	0.17
(17,824)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	8	0.17
(17,824)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	8	0.17
(17,824)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	8	0.17
(17,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	6	0.17
(17,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	6	0.17
(17,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	6	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	6	0.17
(17,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	6	0.17
(17,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	6	0.17
(17,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	9	0.17
(17,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	9	0.17
(17,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	9	0.17
(17,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	9	0.17
(17,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	9	0.17
(17,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	9	0.17
(17,754)	1:103:A:ARG:HB2	1:103:A:ARG:HE	11	0.17
(17,754)	1:103:A:ARG:HB3	1:103:A:ARG:HE	11	0.17
(17,745)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	6	0.17
(17,745)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	17	0.17
(17,671)	1:116:A:GLN:HG3	1:117:A:VAL:H	19	0.17
(17,670)	1:101:A:ILE:HD11	1:116:A:GLN:H	6	0.17
(17,670)	1:101:A:ILE:HD12	1:116:A:GLN:H	6	0.17
(17,670)	1:101:A:ILE:HD13	1:116:A:GLN:H	6	0.17
(17,641)	1:66:A:THR:H	1:70:A:LYS:H	5	0.17
(17,601)	1:55:A:GLY:H	1:58:A:ILE:HD11	17	0.17
(17,601)	1:55:A:GLY:H	1:58:A:ILE:HD12	17	0.17
(17,601)	1:55:A:GLY:H	1:58:A:ILE:HD13	17	0.17
(17,499)	1:97:A:ASP:HA	1:105:A:LYS:H	3	0.17
(17,499)	1:97:A:ASP:HA	1:105:A:LYS:H	5	0.17
(17,476)	1:147:A:ARG:HG2	1:148:A:CYS:H	8	0.17
(17,476)	1:147:A:ARG:HG3	1:148:A:CYS:H	8	0.17
(17,466)	1:14:A:VAL:H	1:61:A:SER:HA	5	0.17
(17,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	10	0.17
(17,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	10	0.17
(17,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	10	0.17
(17,230)	1:11:A:ILE:HB	1:44:A:GLU:H	5	0.17
(17,219)	1:9:A:PHE:HE1	1:10:A:ASN:H	9	0.17
(17,219)	1:9:A:PHE:HE2	1:10:A:ASN:H	9	0.17
(17,166)	1:94:A:ALA:HB1	1:95:A:ILE:H	10	0.17
(17,166)	1:94:A:ALA:HB2	1:95:A:ILE:H	10	0.17
(17,166)	1:94:A:ALA:HB3	1:95:A:ILE:H	10	0.17
(17,115)	1:22:A:ASP:H	1:23:A:LEU:HB2	17	0.17
(17,115)	1:22:A:ASP:H	1:23:A:LEU:HB3	17	0.17
(17,68)	1:13:A:ALA:HB1	1:81:A:GLU:H	8	0.17
(17,68)	1:13:A:ALA:HB2	1:81:A:GLU:H	8	0.17
(17,68)	1:13:A:ALA:HB3	1:81:A:GLU:H	8	0.17
(17,59)	1:117:A:VAL:H	1:118:A:ASP:HB2	1	0.17
(17,51)	1:98:A:ILE:H	1:101:A:ILE:HG21	6	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,51)	1:98:A:ILE:H	1:101:A:ILE:HG22	6	0.17
(17,51)	1:98:A:ILE:H	1:101:A:ILE:HG23	6	0.17
(17,8)	1:63:A:ILE:HG13	1:64:A:LYS:H	3	0.17
(17,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	12	0.17
(17,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	19	0.17
(16,2473)	1:143:A:TRP:H	1:144:A:LEU:HD11	1	0.17
(16,2473)	1:143:A:TRP:H	1:144:A:LEU:HD12	1	0.17
(16,2473)	1:143:A:TRP:H	1:144:A:LEU:HD13	1	0.17
(16,2473)	1:143:A:TRP:H	1:144:A:LEU:HD21	1	0.17
(16,2473)	1:143:A:TRP:H	1:144:A:LEU:HD22	1	0.17
(16,2473)	1:143:A:TRP:H	1:144:A:LEU:HD23	1	0.17
(16,2472)	1:142:A:LYS:HG2	1:143:A:TRP:HE1	3	0.17
(16,2472)	1:142:A:LYS:HG3	1:143:A:TRP:HE1	3	0.17
(16,2465)	1:141:A:LYS:H	1:148:A:CYS:HB2	11	0.17
(16,2465)	1:141:A:LYS:H	1:148:A:CYS:HB3	11	0.17
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD11	14	0.17
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD12	14	0.17
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD13	14	0.17
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD21	14	0.17
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD22	14	0.17
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD23	14	0.17
(16,2432)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	5	0.17
(16,2432)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	5	0.17
(16,2432)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	5	0.17
(16,2432)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	5	0.17
(16,2432)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	5	0.17
(16,2432)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	5	0.17
(16,2432)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	18	0.17
(16,2432)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	18	0.17
(16,2432)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	18	0.17
(16,2432)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	18	0.17
(16,2432)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	18	0.17
(16,2432)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	18	0.17
(16,2329)	1:107:A:LEU:HD11	1:112:A:GLN:HA	15	0.17
(16,2329)	1:107:A:LEU:HD12	1:112:A:GLN:HA	15	0.17
(16,2329)	1:107:A:LEU:HD13	1:112:A:GLN:HA	15	0.17
(16,2329)	1:107:A:LEU:HD21	1:112:A:GLN:HA	15	0.17
(16,2329)	1:107:A:LEU:HD22	1:112:A:GLN:HA	15	0.17
(16,2329)	1:107:A:LEU:HD23	1:112:A:GLN:HA	15	0.17
(16,2318)	1:106:A:ASP:H	1:107:A:LEU:HD11	8	0.17
(16,2318)	1:106:A:ASP:H	1:107:A:LEU:HD12	8	0.17
(16,2318)	1:106:A:ASP:H	1:107:A:LEU:HD13	8	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2318)	1:106:A:ASP:H	1:107:A:LEU:HD21	8	0.17
(16,2318)	1:106:A:ASP:H	1:107:A:LEU:HD22	8	0.17
(16,2318)	1:106:A:ASP:H	1:107:A:LEU:HD23	8	0.17
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG11	13	0.17
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG12	13	0.17
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG13	13	0.17
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG21	13	0.17
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG22	13	0.17
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG23	13	0.17
(16,2233)	1:67:A:PRO:HD2	1:96:A:VAL:HG11	6	0.17
(16,2233)	1:67:A:PRO:HD2	1:96:A:VAL:HG12	6	0.17
(16,2233)	1:67:A:PRO:HD2	1:96:A:VAL:HG13	6	0.17
(16,2233)	1:67:A:PRO:HD2	1:96:A:VAL:HG21	6	0.17
(16,2233)	1:67:A:PRO:HD2	1:96:A:VAL:HG22	6	0.17
(16,2233)	1:67:A:PRO:HD2	1:96:A:VAL:HG23	6	0.17
(16,2233)	1:67:A:PRO:HD3	1:96:A:VAL:HG11	6	0.17
(16,2233)	1:67:A:PRO:HD3	1:96:A:VAL:HG12	6	0.17
(16,2233)	1:67:A:PRO:HD3	1:96:A:VAL:HG13	6	0.17
(16,2233)	1:67:A:PRO:HD3	1:96:A:VAL:HG21	6	0.17
(16,2233)	1:67:A:PRO:HD3	1:96:A:VAL:HG22	6	0.17
(16,2233)	1:67:A:PRO:HD3	1:96:A:VAL:HG23	6	0.17
(16,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	19	0.17
(16,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	19	0.17
(16,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	19	0.17
(16,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	19	0.17
(16,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	19	0.17
(16,2164)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	19	0.17
(16,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	19	0.17
(16,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	19	0.17
(16,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	19	0.17
(16,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	19	0.17
(16,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	19	0.17
(16,2164)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	19	0.17
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD11	10	0.17
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD12	10	0.17
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD13	10	0.17
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD21	10	0.17
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD22	10	0.17
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD23	10	0.17
(16,2090)	1:35:A:LEU:HD11	1:143:A:TRP:HA	18	0.17
(16,2090)	1:35:A:LEU:HD12	1:143:A:TRP:HA	18	0.17
(16,2090)	1:35:A:LEU:HD13	1:143:A:TRP:HA	18	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2090)	1:35:A:LEU:HD21	1:143:A:TRP:HA	18	0.17
(16,2090)	1:35:A:LEU:HD22	1:143:A:TRP:HA	18	0.17
(16,2090)	1:35:A:LEU:HD23	1:143:A:TRP:HA	18	0.17
(16,2083)	1:35:A:LEU:HD11	1:38:A:GLU:H	11	0.17
(16,2083)	1:35:A:LEU:HD12	1:38:A:GLU:H	11	0.17
(16,2083)	1:35:A:LEU:HD13	1:38:A:GLU:H	11	0.17
(16,2083)	1:35:A:LEU:HD21	1:38:A:GLU:H	11	0.17
(16,2083)	1:35:A:LEU:HD22	1:38:A:GLU:H	11	0.17
(16,2083)	1:35:A:LEU:HD23	1:38:A:GLU:H	11	0.17
(16,2081)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	1	0.17
(16,2081)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	1	0.17
(16,2081)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	1	0.17
(16,2081)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	1	0.17
(16,2081)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	1	0.17
(16,2081)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	1	0.17
(16,2081)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	8	0.17
(16,2081)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	8	0.17
(16,2081)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	8	0.17
(16,2081)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	8	0.17
(16,2081)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	8	0.17
(16,2081)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	8	0.17
(16,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	13	0.17
(16,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	13	0.17
(16,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	13	0.17
(16,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	13	0.17
(16,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	13	0.17
(16,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	13	0.17
(16,1960)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	7	0.17
(16,1960)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	7	0.17
(16,1960)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	7	0.17
(16,1960)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	7	0.17
(16,1960)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	7	0.17
(16,1960)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	7	0.17
(16,1960)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	7	0.17
(16,1960)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	7	0.17
(16,1960)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	7	0.17
(16,1960)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	7	0.17
(16,1960)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	7	0.17
(16,1960)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	7	0.17
(16,1960)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	7	0.17
(16,1960)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	7	0.17
(16,1960)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	7	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1960)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	7	0.17
(16,1960)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	7	0.17
(16,1960)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	7	0.17
(16,1950)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	5	0.17
(16,1950)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	5	0.17
(16,1950)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	5	0.17
(16,1950)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	5	0.17
(16,1950)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	5	0.17
(16,1950)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	5	0.17
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG11	2	0.17
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG12	2	0.17
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG13	2	0.17
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG21	2	0.17
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG22	2	0.17
(16,1936)	1:10:A:ASN:HD21	1:14:A:VAL:HG23	2	0.17
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG11	2	0.17
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG12	2	0.17
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG13	2	0.17
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG21	2	0.17
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG22	2	0.17
(16,1936)	1:10:A:ASN:HD22	1:14:A:VAL:HG23	2	0.17
(16,1888)	1:150:A:THR:H	1:151:A:PHE:HD1	10	0.17
(16,1888)	1:150:A:THR:H	1:151:A:PHE:HD2	10	0.17
(16,1876)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	13	0.17
(16,1876)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	13	0.17
(16,1876)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	13	0.17
(16,1838)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	15	0.17
(16,1838)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	15	0.17
(16,1832)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	12	0.17
(16,1832)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	12	0.17
(16,1832)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	12	0.17
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	4	0.17
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	4	0.17
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	4	0.17
(16,1812)	1:113:A:PHE:HD1	1:114:A:ILE:HD11	6	0.17
(16,1812)	1:113:A:PHE:HD1	1:114:A:ILE:HD12	6	0.17
(16,1812)	1:113:A:PHE:HD1	1:114:A:ILE:HD13	6	0.17
(16,1812)	1:113:A:PHE:HD2	1:114:A:ILE:HD11	6	0.17
(16,1812)	1:113:A:PHE:HD2	1:114:A:ILE:HD12	6	0.17
(16,1812)	1:113:A:PHE:HD2	1:114:A:ILE:HD13	6	0.17
(16,1808)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	4	0.17
(16,1808)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	4	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1772)	1:80:A:TYR:H	1:80:A:TYR:HD1	6	0.17
(16,1772)	1:80:A:TYR:H	1:80:A:TYR:HD2	6	0.17
(16,1772)	1:80:A:TYR:H	1:80:A:TYR:HD1	9	0.17
(16,1772)	1:80:A:TYR:H	1:80:A:TYR:HD2	9	0.17
(16,1738)	1:39:A:VAL:HA	1:140:A:LEU:HD11	8	0.17
(16,1738)	1:39:A:VAL:HA	1:140:A:LEU:HD12	8	0.17
(16,1738)	1:39:A:VAL:HA	1:140:A:LEU:HD13	8	0.17
(16,1738)	1:39:A:VAL:HA	1:140:A:LEU:HD11	19	0.17
(16,1738)	1:39:A:VAL:HA	1:140:A:LEU:HD12	19	0.17
(16,1738)	1:39:A:VAL:HA	1:140:A:LEU:HD13	19	0.17
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG21	14	0.17
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG22	14	0.17
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG23	14	0.17
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG21	14	0.17
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG22	14	0.17
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG23	14	0.17
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG21	14	0.17
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG22	14	0.17
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG23	14	0.17
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG11	14	0.17
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG12	14	0.17
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG13	14	0.17
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG11	13	0.17
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG12	13	0.17
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG13	13	0.17
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD21	1	0.17
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD22	1	0.17
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD23	1	0.17
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD21	12	0.17
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD22	12	0.17
(16,1598)	1:125:A:THR:H	1:128:A:LEU:HD23	12	0.17
(16,1592)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	9	0.17
(16,1592)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	9	0.17
(16,1592)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	9	0.17
(16,1591)	1:120:A:CYS:H	1:121:A:VAL:HG21	6	0.17
(16,1591)	1:120:A:CYS:H	1:121:A:VAL:HG22	6	0.17
(16,1591)	1:120:A:CYS:H	1:121:A:VAL:HG23	6	0.17
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	18	0.17
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	18	0.17
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	18	0.17
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	18	0.17
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	18	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	18	0.17
(16,1567)	1:101:A:ILE:HD11	1:112:A:GLN:HA	5	0.17
(16,1567)	1:101:A:ILE:HD12	1:112:A:GLN:HA	5	0.17
(16,1567)	1:101:A:ILE:HD13	1:112:A:GLN:HA	5	0.17
(16,1566)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	2	0.17
(16,1566)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	2	0.17
(16,1566)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	2	0.17
(16,1566)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	2	0.17
(16,1566)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	2	0.17
(16,1566)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	2	0.17
(16,1566)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	2	0.17
(16,1566)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	2	0.17
(16,1566)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	2	0.17
(16,1545)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	14	0.17
(16,1545)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	14	0.17
(16,1545)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	14	0.17
(16,1545)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	14	0.17
(16,1545)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	14	0.17
(16,1545)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	14	0.17
(16,1531)	1:69:A:MET:HE1	1:76:A:ARG:HG2	15	0.17
(16,1531)	1:69:A:MET:HE1	1:76:A:ARG:HG3	15	0.17
(16,1531)	1:69:A:MET:HE2	1:76:A:ARG:HG2	15	0.17
(16,1531)	1:69:A:MET:HE2	1:76:A:ARG:HG3	15	0.17
(16,1531)	1:69:A:MET:HE3	1:76:A:ARG:HG2	15	0.17
(16,1531)	1:69:A:MET:HE3	1:76:A:ARG:HG3	15	0.17
(16,1524)	1:110:A:MET:HE1	1:113:A:PHE:HA	19	0.17
(16,1524)	1:110:A:MET:HE2	1:113:A:PHE:HA	19	0.17
(16,1524)	1:110:A:MET:HE3	1:113:A:PHE:HA	19	0.17
(16,1516)	1:65:A:CYS:H	1:69:A:MET:HE1	12	0.17
(16,1516)	1:65:A:CYS:H	1:69:A:MET:HE2	12	0.17
(16,1516)	1:65:A:CYS:H	1:69:A:MET:HE3	12	0.17
(16,1516)	1:65:A:CYS:H	1:69:A:MET:HE1	17	0.17
(16,1516)	1:65:A:CYS:H	1:69:A:MET:HE2	17	0.17
(16,1516)	1:65:A:CYS:H	1:69:A:MET:HE3	17	0.17
(16,1475)	1:95:A:ILE:HG21	1:97:A:ASP:H	12	0.17
(16,1475)	1:95:A:ILE:HG22	1:97:A:ASP:H	12	0.17
(16,1475)	1:95:A:ILE:HG23	1:97:A:ASP:H	12	0.17
(16,1474)	1:101:A:ILE:HG21	1:115:A:ALA:H	8	0.17
(16,1474)	1:101:A:ILE:HG22	1:115:A:ALA:H	8	0.17
(16,1474)	1:101:A:ILE:HG23	1:115:A:ALA:H	8	0.17
(16,1473)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	9	0.17
(16,1466)	1:45:A:ALA:HB1	1:47:A:ALA:H	11	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1466)	1:45:A:ALA:HB2	1:47:A:ALA:H	11	0.17
(16,1466)	1:45:A:ALA:HB3	1:47:A:ALA:H	11	0.17
(16,1459)	1:13:A:ALA:HB1	1:79:A:THR:HB	11	0.17
(16,1459)	1:13:A:ALA:HB2	1:79:A:THR:HB	11	0.17
(16,1459)	1:13:A:ALA:HB3	1:79:A:THR:HB	11	0.17
(16,1420)	1:73:A:ILE:HG21	1:110:A:MET:HG2	14	0.17
(16,1420)	1:73:A:ILE:HG21	1:110:A:MET:HG3	14	0.17
(16,1420)	1:73:A:ILE:HG22	1:110:A:MET:HG2	14	0.17
(16,1420)	1:73:A:ILE:HG22	1:110:A:MET:HG3	14	0.17
(16,1420)	1:73:A:ILE:HG23	1:110:A:MET:HG2	14	0.17
(16,1420)	1:73:A:ILE:HG23	1:110:A:MET:HG3	14	0.17
(16,1401)	1:11:A:ILE:HG21	1:43:A:MET:HG3	12	0.17
(16,1401)	1:11:A:ILE:HG22	1:43:A:MET:HG3	12	0.17
(16,1401)	1:11:A:ILE:HG23	1:43:A:MET:HG3	12	0.17
(16,1401)	1:11:A:ILE:HG21	1:43:A:MET:HG3	19	0.17
(16,1401)	1:11:A:ILE:HG22	1:43:A:MET:HG3	19	0.17
(16,1401)	1:11:A:ILE:HG23	1:43:A:MET:HG3	19	0.17
(16,1297)	1:18:A:PHE:HZ	1:60:A:LEU:HD21	13	0.17
(16,1297)	1:18:A:PHE:HZ	1:60:A:LEU:HD22	13	0.17
(16,1297)	1:18:A:PHE:HZ	1:60:A:LEU:HD23	13	0.17
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD11	15	0.17
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD12	15	0.17
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD13	15	0.17
(16,1207)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	11	0.17
(16,1207)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	11	0.17
(16,1207)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	11	0.17
(16,1207)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	11	0.17
(16,1207)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	11	0.17
(16,1207)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	11	0.17
(16,1207)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	11	0.17
(16,1207)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	11	0.17
(16,1207)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	11	0.17
(16,1198)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	3	0.17
(16,1198)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	3	0.17
(16,1198)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	3	0.17
(16,1196)	1:40:A:LEU:H	1:40:A:LEU:HD21	3	0.17
(16,1196)	1:40:A:LEU:H	1:40:A:LEU:HD22	3	0.17
(16,1196)	1:40:A:LEU:H	1:40:A:LEU:HD23	3	0.17
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	2	0.17
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	2	0.17
(16,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	2	0.17
(16,1132)	1:143:A:TRP:HA	1:143:A:TRP:HE3	3	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1065)	1:111:A:GLU:HA	1:114:A:ILE:HG12	15	0.17
(16,1041)	1:11:A:ILE:HG12	1:44:A:GLU:HB2	1	0.17
(16,1041)	1:11:A:ILE:HG12	1:44:A:GLU:HB3	1	0.17
(16,954)	1:69:A:MET:HG2	1:109:A:PRO:HA	12	0.17
(16,951)	1:117:A:VAL:HA	1:119:A:LEU:HB2	15	0.17
(16,940)	1:81:A:GLU:HA	1:81:A:GLU:HG2	13	0.17
(16,940)	1:81:A:GLU:HA	1:81:A:GLU:HG3	13	0.17
(16,912)	1:54:A:ARG:HA	1:58:A:ILE:HB	16	0.17
(16,908)	1:94:A:ALA:HA	1:95:A:ILE:HB	4	0.17
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	19	0.17
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	19	0.17
(16,829)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	19	0.17
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	19	0.17
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	19	0.17
(16,829)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	19	0.17
(16,816)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	4	0.17
(16,816)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	4	0.17
(16,816)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	4	0.17
(16,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	6	0.17
(16,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	6	0.17
(16,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	6	0.17
(16,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	6	0.17
(16,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	6	0.17
(16,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	6	0.17
(16,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	9	0.17
(16,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	9	0.17
(16,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	9	0.17
(16,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	9	0.17
(16,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	9	0.17
(16,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	9	0.17
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE1	6	0.17
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE2	6	0.17
(16,801)	1:63:A:ILE:HD11	1:69:A:MET:HE3	6	0.17
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE1	6	0.17
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE2	6	0.17
(16,801)	1:63:A:ILE:HD12	1:69:A:MET:HE3	6	0.17
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE1	6	0.17
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE2	6	0.17
(16,801)	1:63:A:ILE:HD13	1:69:A:MET:HE3	6	0.17
(16,782)	1:101:A:ILE:HD11	1:115:A:ALA:H	1	0.17
(16,782)	1:101:A:ILE:HD12	1:115:A:ALA:H	1	0.17
(16,782)	1:101:A:ILE:HD13	1:115:A:ALA:H	1	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,761)	1:103:A:ARG:HB2	1:103:A:ARG:HE	11	0.17
(16,761)	1:103:A:ARG:HB3	1:103:A:ARG:HE	11	0.17
(16,753)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	1	0.17
(16,753)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	1	0.17
(16,705)	1:98:A:ILE:H	1:104:A:PHE:H	10	0.17
(16,681)	1:120:A:CYS:H	1:121:A:VAL:HG11	18	0.17
(16,681)	1:120:A:CYS:H	1:121:A:VAL:HG12	18	0.17
(16,681)	1:120:A:CYS:H	1:121:A:VAL:HG13	18	0.17
(16,679)	1:101:A:ILE:HD11	1:116:A:GLN:H	6	0.17
(16,679)	1:101:A:ILE:HD12	1:116:A:GLN:H	6	0.17
(16,679)	1:101:A:ILE:HD13	1:116:A:GLN:H	6	0.17
(16,585)	1:127:A:CYS:HB2	1:130:A:GLY:H	16	0.17
(16,515)	1:67:A:PRO:HB2	1:71:A:LYS:H	11	0.17
(16,515)	1:67:A:PRO:HB3	1:71:A:LYS:H	11	0.17
(16,508)	1:97:A:ASP:HA	1:105:A:LYS:H	3	0.17
(16,508)	1:97:A:ASP:HA	1:105:A:LYS:H	5	0.17
(16,294)	1:50:A:ALA:HB1	1:52:A:CYS:H	10	0.17
(16,294)	1:50:A:ALA:HB2	1:52:A:CYS:H	10	0.17
(16,294)	1:50:A:ALA:HB3	1:52:A:CYS:H	10	0.17
(16,251)	1:23:A:LEU:HD21	1:24:A:ASP:H	16	0.17
(16,251)	1:23:A:LEU:HD22	1:24:A:ASP:H	16	0.17
(16,251)	1:23:A:LEU:HD23	1:24:A:ASP:H	16	0.17
(16,228)	1:9:A:PHE:HE1	1:10:A:ASN:H	12	0.17
(16,228)	1:9:A:PHE:HE2	1:10:A:ASN:H	12	0.17
(16,193)	1:58:A:ILE:HG21	1:60:A:LEU:H	3	0.17
(16,193)	1:58:A:ILE:HG22	1:60:A:LEU:H	3	0.17
(16,193)	1:58:A:ILE:HG23	1:60:A:LEU:H	3	0.17
(16,169)	1:94:A:ALA:HB1	1:95:A:ILE:H	10	0.17
(16,169)	1:94:A:ALA:HB2	1:95:A:ILE:H	10	0.17
(16,169)	1:94:A:ALA:HB3	1:95:A:ILE:H	10	0.17
(16,152)	1:131:A:LEU:H	1:131:A:LEU:HG	14	0.17
(16,66)	1:13:A:ALA:HB1	1:81:A:GLU:H	8	0.17
(16,66)	1:13:A:ALA:HB2	1:81:A:GLU:H	8	0.17
(16,66)	1:13:A:ALA:HB3	1:81:A:GLU:H	8	0.17
(16,50)	1:98:A:ILE:H	1:101:A:ILE:HG21	6	0.17
(16,50)	1:98:A:ILE:H	1:101:A:ILE:HG22	6	0.17
(16,50)	1:98:A:ILE:H	1:101:A:ILE:HG23	6	0.17
(16,48)	1:47:A:ALA:H	1:48:A:ARG:HB2	1	0.17
(16,48)	1:47:A:ALA:H	1:48:A:ARG:HB3	1	0.17
(15,2499)	1:146:A:GLN:HA	1:146:A:GLN:HE21	18	0.17
(15,2499)	1:146:A:GLN:HA	1:146:A:GLN:HE22	18	0.17
(15,2477)	1:143:A:TRP:H	1:144:A:LEU:HD11	1	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2477)	1:143:A:TRP:H	1:144:A:LEU:HD12	1	0.17
(15,2477)	1:143:A:TRP:H	1:144:A:LEU:HD13	1	0.17
(15,2477)	1:143:A:TRP:H	1:144:A:LEU:HD21	1	0.17
(15,2477)	1:143:A:TRP:H	1:144:A:LEU:HD22	1	0.17
(15,2477)	1:143:A:TRP:H	1:144:A:LEU:HD23	1	0.17
(15,2468)	1:141:A:LYS:H	1:148:A:CYS:HB2	11	0.17
(15,2468)	1:141:A:LYS:H	1:148:A:CYS:HB3	11	0.17
(15,2439)	1:137:A:SER:HB2	1:140:A:LEU:HB2	19	0.17
(15,2439)	1:137:A:SER:HB3	1:140:A:LEU:HB2	19	0.17
(15,2311)	1:105:A:LYS:HG2	1:112:A:GLN:HE21	7	0.17
(15,2311)	1:105:A:LYS:HG3	1:112:A:GLN:HE21	7	0.17
(15,2311)	1:105:A:LYS:HG2	1:112:A:GLN:HE22	7	0.17
(15,2311)	1:105:A:LYS:HG3	1:112:A:GLN:HE22	7	0.17
(15,2310)	1:105:A:LYS:HG2	1:106:A:ASP:HA	7	0.17
(15,2310)	1:105:A:LYS:HG3	1:106:A:ASP:HA	7	0.17
(15,2221)	1:67:A:PRO:HD3	1:96:A:VAL:HG11	6	0.17
(15,2221)	1:67:A:PRO:HD3	1:96:A:VAL:HG12	6	0.17
(15,2221)	1:67:A:PRO:HD3	1:96:A:VAL:HG13	6	0.17
(15,2221)	1:67:A:PRO:HD3	1:96:A:VAL:HG21	6	0.17
(15,2221)	1:67:A:PRO:HD3	1:96:A:VAL:HG22	6	0.17
(15,2221)	1:67:A:PRO:HD3	1:96:A:VAL:HG23	6	0.17
(15,2092)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	9	0.17
(15,2092)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	9	0.17
(15,2092)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	9	0.17
(15,2092)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	9	0.17
(15,2092)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	9	0.17
(15,2092)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	9	0.17
(15,2051)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	5	0.17
(15,2051)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	5	0.17
(15,2051)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	5	0.17
(15,2051)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	5	0.17
(15,2051)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	5	0.17
(15,2051)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	5	0.17
(15,2051)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	5	0.17
(15,2051)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	5	0.17
(15,2051)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	5	0.17
(15,2051)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	5	0.17
(15,2051)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	5	0.17
(15,2051)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	5	0.17
(15,2014)	1:23:A:LEU:HD11	1:25:A:ALA:H	5	0.17
(15,2014)	1:23:A:LEU:HD12	1:25:A:ALA:H	5	0.17
(15,2014)	1:23:A:LEU:HD13	1:25:A:ALA:H	5	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2014)	1:23:A:LEU:HD21	1:25:A:ALA:H	5	0.17
(15,2014)	1:23:A:LEU:HD22	1:25:A:ALA:H	5	0.17
(15,2014)	1:23:A:LEU:HD23	1:25:A:ALA:H	5	0.17
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD11	3	0.17
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD12	3	0.17
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD13	3	0.17
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD21	3	0.17
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD22	3	0.17
(15,2009)	1:22:A:ASP:HA	1:23:A:LEU:HD23	3	0.17
(15,1825)	1:61:A:SER:HA	1:62:A:HIS:HD2	5	0.17
(15,1776)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	8	0.17
(15,1776)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	8	0.17
(15,1776)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	8	0.17
(15,1776)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	8	0.17
(15,1776)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	8	0.17
(15,1776)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	8	0.17
(15,1776)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	8	0.17
(15,1776)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	8	0.17
(15,1776)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	8	0.17
(15,1776)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	8	0.17
(15,1776)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	8	0.17
(15,1776)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	8	0.17
(15,1743)	1:36:A:PRO:HG2	1:37:A:LEU:HG	17	0.17
(15,1708)	1:14:A:VAL:H	1:79:A:THR:HG21	14	0.17
(15,1708)	1:14:A:VAL:H	1:79:A:THR:HG22	14	0.17
(15,1708)	1:14:A:VAL:H	1:79:A:THR:HG23	14	0.17
(15,1599)	1:73:A:ILE:HG21	1:76:A:ARG:H	15	0.17
(15,1599)	1:73:A:ILE:HG22	1:76:A:ARG:H	15	0.17
(15,1599)	1:73:A:ILE:HG23	1:76:A:ARG:H	15	0.17
(15,1598)	1:72:A:PHE:H	1:73:A:ILE:HG21	19	0.17
(15,1598)	1:72:A:PHE:H	1:73:A:ILE:HG22	19	0.17
(15,1598)	1:72:A:PHE:H	1:73:A:ILE:HG23	19	0.17
(15,1596)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	9	0.17
(15,1596)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	9	0.17
(15,1596)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	9	0.17
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	18	0.17
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	18	0.17
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	18	0.17
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	18	0.17
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	18	0.17
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	18	0.17
(15,1577)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	19	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1577)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	19	0.17
(15,1577)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	19	0.17
(15,1508)	1:65:A:CYS:H	1:69:A:MET:HE1	12	0.17
(15,1508)	1:65:A:CYS:H	1:69:A:MET:HE2	12	0.17
(15,1508)	1:65:A:CYS:H	1:69:A:MET:HE3	12	0.17
(15,1508)	1:65:A:CYS:H	1:69:A:MET:HE1	17	0.17
(15,1508)	1:65:A:CYS:H	1:69:A:MET:HE2	17	0.17
(15,1508)	1:65:A:CYS:H	1:69:A:MET:HE3	17	0.17
(15,1490)	1:114:A:ILE:HG21	1:117:A:VAL:HB	13	0.17
(15,1490)	1:114:A:ILE:HG22	1:117:A:VAL:HB	13	0.17
(15,1490)	1:114:A:ILE:HG23	1:117:A:VAL:HB	13	0.17
(15,1467)	1:101:A:ILE:HG21	1:115:A:ALA:H	8	0.17
(15,1467)	1:101:A:ILE:HG22	1:115:A:ALA:H	8	0.17
(15,1467)	1:101:A:ILE:HG23	1:115:A:ALA:H	8	0.17
(15,1444)	1:47:A:ALA:HA	1:50:A:ALA:HB1	5	0.17
(15,1444)	1:47:A:ALA:HA	1:50:A:ALA:HB2	5	0.17
(15,1444)	1:47:A:ALA:HA	1:50:A:ALA:HB3	5	0.17
(15,1440)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	15	0.17
(15,1440)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	15	0.17
(15,1424)	1:69:A:MET:HE1	1:73:A:ILE:HG21	1	0.17
(15,1424)	1:69:A:MET:HE1	1:73:A:ILE:HG22	1	0.17
(15,1424)	1:69:A:MET:HE1	1:73:A:ILE:HG23	1	0.17
(15,1424)	1:69:A:MET:HE2	1:73:A:ILE:HG21	1	0.17
(15,1424)	1:69:A:MET:HE2	1:73:A:ILE:HG22	1	0.17
(15,1424)	1:69:A:MET:HE2	1:73:A:ILE:HG23	1	0.17
(15,1424)	1:69:A:MET:HE3	1:73:A:ILE:HG21	1	0.17
(15,1424)	1:69:A:MET:HE3	1:73:A:ILE:HG22	1	0.17
(15,1424)	1:69:A:MET:HE3	1:73:A:ILE:HG23	1	0.17
(15,1407)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	19	0.17
(15,1407)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	19	0.17
(15,1407)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	19	0.17
(15,1407)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	19	0.17
(15,1407)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	19	0.17
(15,1407)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	19	0.17
(15,1405)	1:94:A:ALA:H	1:94:A:ALA:HB1	6	0.17
(15,1405)	1:94:A:ALA:H	1:94:A:ALA:HB2	6	0.17
(15,1405)	1:94:A:ALA:H	1:94:A:ALA:HB3	6	0.17
(15,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	19	0.17
(15,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	19	0.17
(15,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	19	0.17
(15,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	19	0.17
(15,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	19	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	19	0.17
(15,1345)	1:125:A:THR:HG21	1:128:A:LEU:HB2	19	0.17
(15,1345)	1:125:A:THR:HG22	1:128:A:LEU:HB2	19	0.17
(15,1345)	1:125:A:THR:HG23	1:128:A:LEU:HB2	19	0.17
(15,1260)	1:12:A:VAL:HG11	1:40:A:LEU:HA	6	0.17
(15,1260)	1:12:A:VAL:HG12	1:40:A:LEU:HA	6	0.17
(15,1260)	1:12:A:VAL:HG13	1:40:A:LEU:HA	6	0.17
(15,1239)	1:39:A:VAL:HA	1:139:A:LEU:HD21	4	0.17
(15,1239)	1:39:A:VAL:HA	1:139:A:LEU:HD22	4	0.17
(15,1239)	1:39:A:VAL:HA	1:139:A:LEU:HD23	4	0.17
(15,1239)	1:39:A:VAL:HA	1:139:A:LEU:HD21	5	0.17
(15,1239)	1:39:A:VAL:HA	1:139:A:LEU:HD22	5	0.17
(15,1239)	1:39:A:VAL:HA	1:139:A:LEU:HD23	5	0.17
(15,1231)	1:136:A:CYS:HA	1:140:A:LEU:HD11	14	0.17
(15,1231)	1:136:A:CYS:HA	1:140:A:LEU:HD12	14	0.17
(15,1231)	1:136:A:CYS:HA	1:140:A:LEU:HD13	14	0.17
(15,1192)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	3	0.17
(15,1192)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	3	0.17
(15,1192)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	3	0.17
(15,1177)	1:128:A:LEU:HD21	1:129:A:LYS:H	12	0.17
(15,1177)	1:128:A:LEU:HD22	1:129:A:LYS:H	12	0.17
(15,1177)	1:128:A:LEU:HD23	1:129:A:LYS:H	12	0.17
(15,1060)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	13	0.17
(15,1060)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	13	0.17
(15,1030)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	10	0.17
(15,995)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	1	0.17
(15,995)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	1	0.17
(15,956)	1:74:A:PRO:HA	1:77:A:CYS:HB2	10	0.17
(15,935)	1:69:A:MET:HG2	1:109:A:PRO:HA	12	0.17
(15,894)	1:69:A:MET:HE1	1:73:A:ILE:HB	15	0.17
(15,894)	1:69:A:MET:HE2	1:73:A:ILE:HB	15	0.17
(15,894)	1:69:A:MET:HE3	1:73:A:ILE:HB	15	0.17
(15,892)	1:94:A:ALA:HA	1:95:A:ILE:HB	4	0.17
(15,815)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	8	0.17
(15,815)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	8	0.17
(15,815)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	8	0.17
(15,799)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	6	0.17
(15,799)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	6	0.17
(15,799)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	6	0.17
(15,799)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	6	0.17
(15,799)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	6	0.17
(15,799)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	6	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,799)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	9	0.17
(15,799)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	9	0.17
(15,799)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	9	0.17
(15,799)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	9	0.17
(15,799)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	9	0.17
(15,799)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	9	0.17
(15,763)	1:37:A:LEU:H	1:40:A:LEU:HB2	11	0.17
(15,744)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	6	0.17
(15,744)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	17	0.17
(15,698)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	14	0.17
(15,698)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	14	0.17
(15,674)	1:101:A:ILE:HD11	1:116:A:GLN:H	6	0.17
(15,674)	1:101:A:ILE:HD12	1:116:A:GLN:H	6	0.17
(15,674)	1:101:A:ILE:HD13	1:116:A:GLN:H	6	0.17
(15,609)	1:55:A:GLY:H	1:58:A:ILE:HD11	17	0.17
(15,609)	1:55:A:GLY:H	1:58:A:ILE:HD12	17	0.17
(15,609)	1:55:A:GLY:H	1:58:A:ILE:HD13	17	0.17
(15,373)	1:132:A:ALA:H	1:133:A:ASN:HD22	17	0.17
(15,356)	1:104:A:PHE:H	1:104:A:PHE:HD1	12	0.17
(15,356)	1:104:A:PHE:H	1:104:A:PHE:HD2	12	0.17
(15,294)	1:50:A:ALA:HB1	1:52:A:CYS:H	10	0.17
(15,294)	1:50:A:ALA:HB2	1:52:A:CYS:H	10	0.17
(15,294)	1:50:A:ALA:HB3	1:52:A:CYS:H	10	0.17
(15,229)	1:9:A:PHE:HE1	1:10:A:ASN:H	12	0.17
(15,229)	1:9:A:PHE:HE2	1:10:A:ASN:H	12	0.17
(15,171)	1:94:A:ALA:HB1	1:95:A:ILE:H	10	0.17
(15,171)	1:94:A:ALA:HB2	1:95:A:ILE:H	10	0.17
(15,171)	1:94:A:ALA:HB3	1:95:A:ILE:H	10	0.17
(15,140)	1:12:A:VAL:H	1:13:A:ALA:HB1	6	0.17
(15,140)	1:12:A:VAL:H	1:13:A:ALA:HB2	6	0.17
(15,140)	1:12:A:VAL:H	1:13:A:ALA:HB3	6	0.17
(15,55)	1:98:A:ILE:H	1:101:A:ILE:HG13	1	0.17
(15,9)	1:63:A:ILE:HG13	1:64:A:LYS:H	3	0.17
(13,2464)	1:146:A:GLN:HA	1:146:A:GLN:HE21	18	0.17
(13,2464)	1:146:A:GLN:HA	1:146:A:GLN:HE22	18	0.17
(13,2451)	1:141:A:LYS:H	1:148:A:CYS:HB2	11	0.17
(13,2451)	1:141:A:LYS:H	1:148:A:CYS:HB3	11	0.17
(13,2422)	1:136:A:CYS:HB2	1:149:A:ALA:H	6	0.17
(13,2422)	1:136:A:CYS:HB3	1:149:A:ALA:H	6	0.17
(13,2311)	1:107:A:LEU:HD11	1:112:A:GLN:HA	15	0.17
(13,2311)	1:107:A:LEU:HD12	1:112:A:GLN:HA	15	0.17
(13,2311)	1:107:A:LEU:HD13	1:112:A:GLN:HA	15	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2311)	1:107:A:LEU:HD21	1:112:A:GLN:HA	15	0.17
(13,2311)	1:107:A:LEU:HD22	1:112:A:GLN:HA	15	0.17
(13,2311)	1:107:A:LEU:HD23	1:112:A:GLN:HA	15	0.17
(13,2310)	1:107:A:LEU:HD11	1:112:A:GLN:H	12	0.17
(13,2310)	1:107:A:LEU:HD12	1:112:A:GLN:H	12	0.17
(13,2310)	1:107:A:LEU:HD13	1:112:A:GLN:H	12	0.17
(13,2310)	1:107:A:LEU:HD21	1:112:A:GLN:H	12	0.17
(13,2310)	1:107:A:LEU:HD22	1:112:A:GLN:H	12	0.17
(13,2310)	1:107:A:LEU:HD23	1:112:A:GLN:H	12	0.17
(13,2305)	1:107:A:LEU:HA	1:108:A:GLU:HG2	16	0.17
(13,2305)	1:107:A:LEU:HA	1:108:A:GLU:HG3	16	0.17
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG11	12	0.17
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG12	12	0.17
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG13	12	0.17
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG21	12	0.17
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG22	12	0.17
(13,2255)	1:95:A:ILE:H	1:96:A:VAL:HG23	12	0.17
(13,2237)	1:74:A:PRO:HA	1:77:A:CYS:HB2	19	0.17
(13,2237)	1:74:A:PRO:HA	1:77:A:CYS:HB3	19	0.17
(13,2218)	1:69:A:MET:HG2	1:109:A:PRO:HA	19	0.17
(13,2218)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.17
(13,2217)	1:69:A:MET:HG2	1:73:A:ILE:HD11	19	0.17
(13,2217)	1:69:A:MET:HG2	1:73:A:ILE:HD12	19	0.17
(13,2217)	1:69:A:MET:HG2	1:73:A:ILE:HD13	19	0.17
(13,2217)	1:69:A:MET:HG3	1:73:A:ILE:HD11	19	0.17
(13,2217)	1:69:A:MET:HG3	1:73:A:ILE:HD12	19	0.17
(13,2217)	1:69:A:MET:HG3	1:73:A:ILE:HD13	19	0.17
(13,2209)	1:67:A:PRO:HD3	1:96:A:VAL:HG11	6	0.17
(13,2209)	1:67:A:PRO:HD3	1:96:A:VAL:HG12	6	0.17
(13,2209)	1:67:A:PRO:HD3	1:96:A:VAL:HG13	6	0.17
(13,2209)	1:67:A:PRO:HD3	1:96:A:VAL:HG21	6	0.17
(13,2209)	1:67:A:PRO:HD3	1:96:A:VAL:HG22	6	0.17
(13,2209)	1:67:A:PRO:HD3	1:96:A:VAL:HG23	6	0.17
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG11	14	0.17
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG12	14	0.17
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG13	14	0.17
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG21	14	0.17
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG22	14	0.17
(13,2187)	1:64:A:LYS:HD2	1:96:A:VAL:HG23	14	0.17
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG11	14	0.17
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG12	14	0.17
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG13	14	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG21	14	0.17
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG22	14	0.17
(13,2187)	1:64:A:LYS:HD3	1:96:A:VAL:HG23	14	0.17
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD11	16	0.17
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD12	16	0.17
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD13	16	0.17
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD21	16	0.17
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD22	16	0.17
(13,2123)	1:47:A:ALA:HA	1:131:A:LEU:HD23	16	0.17
(13,2003)	1:23:A:LEU:HD11	1:27:A:ARG:HB2	10	0.17
(13,2003)	1:23:A:LEU:HD12	1:27:A:ARG:HB2	10	0.17
(13,2003)	1:23:A:LEU:HD13	1:27:A:ARG:HB2	10	0.17
(13,2003)	1:23:A:LEU:HD21	1:27:A:ARG:HB2	10	0.17
(13,2003)	1:23:A:LEU:HD22	1:27:A:ARG:HB2	10	0.17
(13,2003)	1:23:A:LEU:HD23	1:27:A:ARG:HB2	10	0.17
(13,2001)	1:23:A:LEU:HD11	1:24:A:ASP:H	12	0.17
(13,2001)	1:23:A:LEU:HD12	1:24:A:ASP:H	12	0.17
(13,2001)	1:23:A:LEU:HD13	1:24:A:ASP:H	12	0.17
(13,2001)	1:23:A:LEU:HD21	1:24:A:ASP:H	12	0.17
(13,2001)	1:23:A:LEU:HD22	1:24:A:ASP:H	12	0.17
(13,2001)	1:23:A:LEU:HD23	1:24:A:ASP:H	12	0.17
(13,1959)	1:14:A:VAL:HG11	1:61:A:SER:H	12	0.17
(13,1959)	1:14:A:VAL:HG12	1:61:A:SER:H	12	0.17
(13,1959)	1:14:A:VAL:HG13	1:61:A:SER:H	12	0.17
(13,1959)	1:14:A:VAL:HG21	1:61:A:SER:H	12	0.17
(13,1959)	1:14:A:VAL:HG22	1:61:A:SER:H	12	0.17
(13,1959)	1:14:A:VAL:HG23	1:61:A:SER:H	12	0.17
(13,1954)	1:14:A:VAL:HG11	1:57:A:LEU:H	4	0.17
(13,1954)	1:14:A:VAL:HG12	1:57:A:LEU:H	4	0.17
(13,1954)	1:14:A:VAL:HG13	1:57:A:LEU:H	4	0.17
(13,1954)	1:14:A:VAL:HG21	1:57:A:LEU:H	4	0.17
(13,1954)	1:14:A:VAL:HG22	1:57:A:LEU:H	4	0.17
(13,1954)	1:14:A:VAL:HG23	1:57:A:LEU:H	4	0.17
(13,1953)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	14	0.17
(13,1953)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	14	0.17
(13,1953)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	14	0.17
(13,1953)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	14	0.17
(13,1953)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	14	0.17
(13,1953)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	14	0.17
(13,1939)	1:12:A:VAL:HG11	1:81:A:GLU:H	4	0.17
(13,1939)	1:12:A:VAL:HG12	1:81:A:GLU:H	4	0.17
(13,1939)	1:12:A:VAL:HG13	1:81:A:GLU:H	4	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1939)	1:12:A:VAL:HG21	1:81:A:GLU:H	4	0.17
(13,1939)	1:12:A:VAL:HG22	1:81:A:GLU:H	4	0.17
(13,1939)	1:12:A:VAL:HG23	1:81:A:GLU:H	4	0.17
(13,1835)	1:14:A:VAL:HA	1:18:A:PHE:HD1	2	0.17
(13,1835)	1:14:A:VAL:HA	1:18:A:PHE:HD2	2	0.17
(13,1835)	1:14:A:VAL:HA	1:18:A:PHE:HD1	7	0.17
(13,1835)	1:14:A:VAL:HA	1:18:A:PHE:HD2	7	0.17
(13,1799)	1:61:A:SER:HA	1:62:A:HIS:HD2	5	0.17
(13,1750)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	5	0.17
(13,1750)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	5	0.17
(13,1745)	1:13:A:ALA:H	1:80:A:TYR:HD1	14	0.17
(13,1745)	1:13:A:ALA:H	1:80:A:TYR:HD2	14	0.17
(13,1720)	1:36:A:PRO:HG2	1:37:A:LEU:HG	17	0.17
(13,1575)	1:73:A:ILE:HG21	1:76:A:ARG:H	15	0.17
(13,1575)	1:73:A:ILE:HG22	1:76:A:ARG:H	15	0.17
(13,1575)	1:73:A:ILE:HG23	1:76:A:ARG:H	15	0.17
(13,1551)	1:101:A:ILE:HD11	1:112:A:GLN:HA	5	0.17
(13,1551)	1:101:A:ILE:HD12	1:112:A:GLN:HA	5	0.17
(13,1551)	1:101:A:ILE:HD13	1:112:A:GLN:HA	5	0.17
(13,1550)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	2	0.17
(13,1550)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	2	0.17
(13,1550)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	2	0.17
(13,1550)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	2	0.17
(13,1550)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	2	0.17
(13,1550)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	2	0.17
(13,1550)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	2	0.17
(13,1550)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	2	0.17
(13,1550)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	2	0.17
(13,1498)	1:110:A:MET:HE1	1:113:A:PHE:HA	19	0.17
(13,1498)	1:110:A:MET:HE2	1:113:A:PHE:HA	19	0.17
(13,1498)	1:110:A:MET:HE3	1:113:A:PHE:HA	19	0.17
(13,1415)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	3	0.17
(13,1415)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	3	0.17
(13,1400)	1:69:A:MET:HE1	1:73:A:ILE:HG21	1	0.17
(13,1400)	1:69:A:MET:HE1	1:73:A:ILE:HG22	1	0.17
(13,1400)	1:69:A:MET:HE1	1:73:A:ILE:HG23	1	0.17
(13,1400)	1:69:A:MET:HE2	1:73:A:ILE:HG21	1	0.17
(13,1400)	1:69:A:MET:HE2	1:73:A:ILE:HG22	1	0.17
(13,1400)	1:69:A:MET:HE2	1:73:A:ILE:HG23	1	0.17
(13,1400)	1:69:A:MET:HE3	1:73:A:ILE:HG21	1	0.17
(13,1400)	1:69:A:MET:HE3	1:73:A:ILE:HG22	1	0.17
(13,1400)	1:69:A:MET:HE3	1:73:A:ILE:HG23	1	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG11	4	0.17
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG12	4	0.17
(13,1349)	1:36:A:PRO:HA	1:39:A:VAL:HG13	4	0.17
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD21	1	0.17
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD22	1	0.17
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD23	1	0.17
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD21	12	0.17
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD22	12	0.17
(13,1287)	1:125:A:THR:H	1:128:A:LEU:HD23	12	0.17
(13,1265)	1:128:A:LEU:HD21	1:129:A:LYS:H	8	0.17
(13,1265)	1:128:A:LEU:HD22	1:129:A:LYS:H	8	0.17
(13,1265)	1:128:A:LEU:HD23	1:129:A:LYS:H	8	0.17
(13,1205)	1:140:A:LEU:HA	1:144:A:LEU:HD11	3	0.17
(13,1205)	1:140:A:LEU:HA	1:144:A:LEU:HD12	3	0.17
(13,1205)	1:140:A:LEU:HA	1:144:A:LEU:HD13	3	0.17
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD11	19	0.17
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD12	19	0.17
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD13	19	0.17
(13,1196)	1:110:A:MET:HA	1:113:A:PHE:HB2	17	0.17
(13,1176)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	11	0.17
(13,1176)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	11	0.17
(13,1176)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	11	0.17
(13,1176)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	11	0.17
(13,1176)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	11	0.17
(13,1176)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	11	0.17
(13,1176)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	11	0.17
(13,1176)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	11	0.17
(13,1176)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	11	0.17
(13,1168)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	3	0.17
(13,1168)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	3	0.17
(13,1168)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	3	0.17
(13,1031)	1:111:A:GLU:HA	1:114:A:ILE:HG12	15	0.17
(13,1024)	1:11:A:ILE:HA	1:11:A:ILE:HG12	18	0.17
(13,1022)	1:11:A:ILE:HB	1:44:A:GLU:HB2	5	0.17
(13,1022)	1:11:A:ILE:HB	1:44:A:GLU:HB3	5	0.17
(13,997)	1:34:A:LYS:H	1:81:A:GLU:HB2	8	0.17
(13,935)	1:39:A:VAL:HA	1:43:A:MET:HG3	8	0.17
(13,935)	1:39:A:VAL:HA	1:43:A:MET:HG3	9	0.17
(13,934)	1:12:A:VAL:HA	1:43:A:MET:HG3	5	0.17
(13,925)	1:67:A:PRO:HA	1:70:A:LYS:HB2	17	0.17
(13,925)	1:67:A:PRO:HA	1:70:A:LYS:HB3	17	0.17
(13,881)	1:94:A:ALA:HA	1:95:A:ILE:HB	4	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,846)	1:60:A:LEU:HB3	1:63:A:ILE:H	4	0.17
(13,846)	1:60:A:LEU:HB3	1:63:A:ILE:H	16	0.17
(13,760)	1:101:A:ILE:HD11	1:115:A:ALA:H	1	0.17
(13,760)	1:101:A:ILE:HD12	1:115:A:ALA:H	1	0.17
(13,760)	1:101:A:ILE:HD13	1:115:A:ALA:H	1	0.17
(13,737)	1:147:A:ARG:HA	1:147:A:ARG:HE	12	0.17
(13,735)	1:103:A:ARG:HB2	1:103:A:ARG:HE	11	0.17
(13,735)	1:103:A:ARG:HB3	1:103:A:ARG:HE	11	0.17
(13,727)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	1	0.17
(13,727)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	1	0.17
(13,726)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	6	0.17
(13,726)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	17	0.17
(13,682)	1:98:A:ILE:H	1:104:A:PHE:H	10	0.17
(13,660)	1:101:A:ILE:HD11	1:116:A:GLN:H	6	0.17
(13,660)	1:101:A:ILE:HD12	1:116:A:GLN:H	6	0.17
(13,660)	1:101:A:ILE:HD13	1:116:A:GLN:H	6	0.17
(13,596)	1:55:A:GLY:H	1:58:A:ILE:HD11	17	0.17
(13,596)	1:55:A:GLY:H	1:58:A:ILE:HD12	17	0.17
(13,596)	1:55:A:GLY:H	1:58:A:ILE:HD13	17	0.17
(13,500)	1:97:A:ASP:HA	1:105:A:LYS:H	3	0.17
(13,500)	1:97:A:ASP:HA	1:105:A:LYS:H	5	0.17
(13,370)	1:40:A:LEU:HB2	1:41:A:LYS:H	9	0.17
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE1	9	0.17
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE2	9	0.17
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE3	9	0.17
(13,164)	1:94:A:ALA:HB1	1:95:A:ILE:H	10	0.17
(13,164)	1:94:A:ALA:HB2	1:95:A:ILE:H	10	0.17
(13,164)	1:94:A:ALA:HB3	1:95:A:ILE:H	10	0.17
(13,89)	1:96:A:VAL:H	1:97:A:ASP:H	9	0.17
(13,89)	1:96:A:VAL:H	1:97:A:ASP:H	12	0.17
(13,56)	1:117:A:VAL:H	1:118:A:ASP:HB2	1	0.17
(13,47)	1:98:A:ILE:H	1:101:A:ILE:HG21	6	0.17
(13,47)	1:98:A:ILE:H	1:101:A:ILE:HG22	6	0.17
(13,47)	1:98:A:ILE:H	1:101:A:ILE:HG23	6	0.17
(13,45)	1:47:A:ALA:H	1:48:A:ARG:HB2	1	0.17
(13,45)	1:47:A:ALA:H	1:48:A:ARG:HB3	1	0.17
(11,2463)	1:150:A:THR:H	1:151:A:PHE:HB2	14	0.17
(11,2463)	1:150:A:THR:H	1:151:A:PHE:HB3	14	0.17
(11,2456)	1:142:A:LYS:HG2	1:143:A:TRP:HE1	3	0.17
(11,2456)	1:142:A:LYS:HG3	1:143:A:TRP:HE1	3	0.17
(11,2451)	1:141:A:LYS:H	1:148:A:CYS:HB2	11	0.17
(11,2451)	1:141:A:LYS:H	1:148:A:CYS:HB3	11	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2425)	1:137:A:SER:HB2	1:140:A:LEU:HB2	7	0.17
(11,2425)	1:137:A:SER:HB3	1:140:A:LEU:HB2	7	0.17
(11,2308)	1:98:A:ILE:HD11	1:116:A:GLN:HE21	11	0.17
(11,2308)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	11	0.17
(11,2308)	1:98:A:ILE:HD12	1:116:A:GLN:HE21	11	0.17
(11,2308)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	11	0.17
(11,2308)	1:98:A:ILE:HD13	1:116:A:GLN:HE21	11	0.17
(11,2308)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	11	0.17
(11,2225)	1:64:A:LYS:H	1:116:A:GLN:HE21	11	0.17
(11,2225)	1:64:A:LYS:H	1:116:A:GLN:HE22	11	0.17
(11,2218)	1:60:A:LEU:HD11	1:61:A:SER:HB2	3	0.17
(11,2218)	1:60:A:LEU:HD11	1:61:A:SER:HB3	3	0.17
(11,2218)	1:60:A:LEU:HD12	1:61:A:SER:HB2	3	0.17
(11,2218)	1:60:A:LEU:HD12	1:61:A:SER:HB3	3	0.17
(11,2218)	1:60:A:LEU:HD13	1:61:A:SER:HB2	3	0.17
(11,2218)	1:60:A:LEU:HD13	1:61:A:SER:HB3	3	0.17
(11,2184)	1:47:A:ALA:HA	1:131:A:LEU:HD11	10	0.17
(11,2184)	1:47:A:ALA:HA	1:131:A:LEU:HD12	10	0.17
(11,2184)	1:47:A:ALA:HA	1:131:A:LEU:HD13	10	0.17
(11,2184)	1:47:A:ALA:HA	1:131:A:LEU:HD21	10	0.17
(11,2184)	1:47:A:ALA:HA	1:131:A:LEU:HD22	10	0.17
(11,2184)	1:47:A:ALA:HA	1:131:A:LEU:HD23	10	0.17
(11,2164)	1:44:A:GLU:H	1:140:A:LEU:HD11	9	0.17
(11,2164)	1:44:A:GLU:H	1:140:A:LEU:HD12	9	0.17
(11,2164)	1:44:A:GLU:H	1:140:A:LEU:HD13	9	0.17
(11,2164)	1:44:A:GLU:H	1:140:A:LEU:HD21	9	0.17
(11,2164)	1:44:A:GLU:H	1:140:A:LEU:HD22	9	0.17
(11,2164)	1:44:A:GLU:H	1:140:A:LEU:HD23	9	0.17
(11,2142)	1:40:A:LEU:HD11	1:41:A:LYS:H	19	0.17
(11,2142)	1:40:A:LEU:HD12	1:41:A:LYS:H	19	0.17
(11,2142)	1:40:A:LEU:HD13	1:41:A:LYS:H	19	0.17
(11,2142)	1:40:A:LEU:HD21	1:41:A:LYS:H	19	0.17
(11,2142)	1:40:A:LEU:HD22	1:41:A:LYS:H	19	0.17
(11,2142)	1:40:A:LEU:HD23	1:41:A:LYS:H	19	0.17
(11,2114)	1:39:A:VAL:H	1:139:A:LEU:HD11	13	0.17
(11,2114)	1:39:A:VAL:H	1:139:A:LEU:HD12	13	0.17
(11,2114)	1:39:A:VAL:H	1:139:A:LEU:HD13	13	0.17
(11,2114)	1:39:A:VAL:H	1:139:A:LEU:HD21	13	0.17
(11,2114)	1:39:A:VAL:H	1:139:A:LEU:HD22	13	0.17
(11,2114)	1:39:A:VAL:H	1:139:A:LEU:HD23	13	0.17
(11,2087)	1:35:A:LEU:HD11	1:38:A:GLU:H	11	0.17
(11,2087)	1:35:A:LEU:HD12	1:38:A:GLU:H	11	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2087)	1:35:A:LEU:HD13	1:38:A:GLU:H	11	0.17
(11,2087)	1:35:A:LEU:HD21	1:38:A:GLU:H	11	0.17
(11,2087)	1:35:A:LEU:HD22	1:38:A:GLU:H	11	0.17
(11,2087)	1:35:A:LEU:HD23	1:38:A:GLU:H	11	0.17
(11,2075)	1:32:A:GLY:HA2	1:81:A:GLU:H	17	0.17
(11,2075)	1:32:A:GLY:HA3	1:81:A:GLU:H	17	0.17
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD11	13	0.17
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD12	13	0.17
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD13	13	0.17
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD21	13	0.17
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD22	13	0.17
(11,2038)	1:18:A:PHE:HB2	1:128:A:LEU:HD23	13	0.17
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD11	13	0.17
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD12	13	0.17
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD13	13	0.17
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD21	13	0.17
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD22	13	0.17
(11,2038)	1:18:A:PHE:HB3	1:128:A:LEU:HD23	13	0.17
(11,1996)	1:12:A:VAL:HG11	1:43:A:MET:H	4	0.17
(11,1996)	1:12:A:VAL:HG12	1:43:A:MET:H	4	0.17
(11,1996)	1:12:A:VAL:HG13	1:43:A:MET:H	4	0.17
(11,1996)	1:12:A:VAL:HG21	1:43:A:MET:H	4	0.17
(11,1996)	1:12:A:VAL:HG22	1:43:A:MET:H	4	0.17
(11,1996)	1:12:A:VAL:HG23	1:43:A:MET:H	4	0.17
(11,1996)	1:12:A:VAL:HG11	1:43:A:MET:H	9	0.17
(11,1996)	1:12:A:VAL:HG12	1:43:A:MET:H	9	0.17
(11,1996)	1:12:A:VAL:HG13	1:43:A:MET:H	9	0.17
(11,1996)	1:12:A:VAL:HG21	1:43:A:MET:H	9	0.17
(11,1996)	1:12:A:VAL:HG22	1:43:A:MET:H	9	0.17
(11,1996)	1:12:A:VAL:HG23	1:43:A:MET:H	9	0.17
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	4	0.17
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	4	0.17
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	4	0.17
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	4	0.17
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	4	0.17
(11,1973)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	4	0.17
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	4	0.17
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	4	0.17
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	4	0.17
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	4	0.17
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	4	0.17
(11,1973)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	4	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	4	0.17
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	4	0.17
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	4	0.17
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	4	0.17
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	4	0.17
(11,1973)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	4	0.17
(11,1968)	1:10:A:ASN:HD21	1:81:A:GLU:HG2	15	0.17
(11,1968)	1:10:A:ASN:HD21	1:81:A:GLU:HG3	15	0.17
(11,1968)	1:10:A:ASN:HD22	1:81:A:GLU:HG2	15	0.17
(11,1968)	1:10:A:ASN:HD22	1:81:A:GLU:HG3	15	0.17
(11,1873)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	15	0.17
(11,1873)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	15	0.17
(11,1868)	1:61:A:SER:HA	1:62:A:HIS:HD2	5	0.17
(11,1788)	1:36:A:PRO:HG2	1:37:A:LEU:HG	17	0.17
(11,1683)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	13	0.17
(11,1683)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	13	0.17
(11,1683)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	13	0.17
(11,1651)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	10	0.17
(11,1651)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	10	0.17
(11,1651)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	10	0.17
(11,1651)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	10	0.17
(11,1651)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	10	0.17
(11,1651)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	10	0.17
(11,1638)	1:73:A:ILE:HG21	1:76:A:ARG:H	15	0.17
(11,1638)	1:73:A:ILE:HG22	1:76:A:ARG:H	15	0.17
(11,1638)	1:73:A:ILE:HG23	1:76:A:ARG:H	15	0.17
(11,1636)	1:120:A:CYS:H	1:121:A:VAL:HG21	6	0.17
(11,1636)	1:120:A:CYS:H	1:121:A:VAL:HG22	6	0.17
(11,1636)	1:120:A:CYS:H	1:121:A:VAL:HG23	6	0.17
(11,1610)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	2	0.17
(11,1610)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	2	0.17
(11,1610)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	2	0.17
(11,1610)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	2	0.17
(11,1610)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	2	0.17
(11,1610)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	2	0.17
(11,1610)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	2	0.17
(11,1610)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	2	0.17
(11,1610)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	2	0.17
(11,1589)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	6	0.17
(11,1589)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	6	0.17
(11,1589)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	6	0.17
(11,1589)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	6	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1589)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	6	0.17
(11,1589)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	6	0.17
(11,1564)	1:63:A:ILE:HG21	1:69:A:MET:HE1	17	0.17
(11,1564)	1:63:A:ILE:HG21	1:69:A:MET:HE2	17	0.17
(11,1564)	1:63:A:ILE:HG21	1:69:A:MET:HE3	17	0.17
(11,1564)	1:63:A:ILE:HG22	1:69:A:MET:HE1	17	0.17
(11,1564)	1:63:A:ILE:HG22	1:69:A:MET:HE2	17	0.17
(11,1564)	1:63:A:ILE:HG22	1:69:A:MET:HE3	17	0.17
(11,1564)	1:63:A:ILE:HG23	1:69:A:MET:HE1	17	0.17
(11,1564)	1:63:A:ILE:HG23	1:69:A:MET:HE2	17	0.17
(11,1564)	1:63:A:ILE:HG23	1:69:A:MET:HE3	17	0.17
(11,1538)	1:65:A:CYS:H	1:69:A:MET:HE1	12	0.17
(11,1538)	1:65:A:CYS:H	1:69:A:MET:HE2	12	0.17
(11,1538)	1:65:A:CYS:H	1:69:A:MET:HE3	12	0.17
(11,1538)	1:65:A:CYS:H	1:69:A:MET:HE1	17	0.17
(11,1538)	1:65:A:CYS:H	1:69:A:MET:HE2	17	0.17
(11,1538)	1:65:A:CYS:H	1:69:A:MET:HE3	17	0.17
(11,1479)	1:13:A:ALA:HB1	1:79:A:THR:HB	11	0.17
(11,1479)	1:13:A:ALA:HB2	1:79:A:THR:HB	11	0.17
(11,1479)	1:13:A:ALA:HB3	1:79:A:THR:HB	11	0.17
(11,1468)	1:47:A:ALA:HA	1:50:A:ALA:HB1	3	0.17
(11,1468)	1:47:A:ALA:HA	1:50:A:ALA:HB2	3	0.17
(11,1468)	1:47:A:ALA:HA	1:50:A:ALA:HB3	3	0.17
(11,1468)	1:47:A:ALA:HA	1:50:A:ALA:HB1	8	0.17
(11,1468)	1:47:A:ALA:HA	1:50:A:ALA:HB2	8	0.17
(11,1468)	1:47:A:ALA:HA	1:50:A:ALA:HB3	8	0.17
(11,1463)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	6	0.17
(11,1463)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	6	0.17
(11,1405)	1:94:A:ALA:HA	1:95:A:ILE:HB	15	0.17
(11,1368)	1:125:A:THR:HG21	1:128:A:LEU:HB2	19	0.17
(11,1368)	1:125:A:THR:HG22	1:128:A:LEU:HB2	19	0.17
(11,1368)	1:125:A:THR:HG23	1:128:A:LEU:HB2	19	0.17
(11,1364)	1:117:A:VAL:HG11	1:118:A:ASP:H	2	0.17
(11,1364)	1:117:A:VAL:HG12	1:118:A:ASP:H	2	0.17
(11,1364)	1:117:A:VAL:HG13	1:118:A:ASP:H	2	0.17
(11,1329)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	8	0.17
(11,1329)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	8	0.17
(11,1329)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	8	0.17
(11,1329)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	8	0.17
(11,1329)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	8	0.17
(11,1329)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	8	0.17
(11,1329)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	8	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1329)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	8	0.17
(11,1329)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	8	0.17
(11,1278)	1:23:A:LEU:HA	1:23:A:LEU:HD11	2	0.17
(11,1278)	1:23:A:LEU:HA	1:23:A:LEU:HD12	2	0.17
(11,1278)	1:23:A:LEU:HA	1:23:A:LEU:HD13	2	0.17
(11,1278)	1:23:A:LEU:HA	1:23:A:LEU:HD11	13	0.17
(11,1278)	1:23:A:LEU:HA	1:23:A:LEU:HD12	13	0.17
(11,1278)	1:23:A:LEU:HA	1:23:A:LEU:HD13	13	0.17
(11,1278)	1:23:A:LEU:HA	1:23:A:LEU:HD11	19	0.17
(11,1278)	1:23:A:LEU:HA	1:23:A:LEU:HD12	19	0.17
(11,1278)	1:23:A:LEU:HA	1:23:A:LEU:HD13	19	0.17
(11,1254)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	9	0.17
(11,1254)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	9	0.17
(11,1254)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	9	0.17
(11,1248)	1:140:A:LEU:HA	1:144:A:LEU:HD11	3	0.17
(11,1248)	1:140:A:LEU:HA	1:144:A:LEU:HD12	3	0.17
(11,1248)	1:140:A:LEU:HA	1:144:A:LEU:HD13	3	0.17
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD11	19	0.17
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD12	19	0.17
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD13	19	0.17
(11,1236)	1:110:A:MET:HA	1:113:A:PHE:HB2	17	0.17
(11,1202)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	3	0.17
(11,1202)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	3	0.17
(11,1202)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	3	0.17
(11,1179)	1:140:A:LEU:HD21	1:144:A:LEU:H	13	0.17
(11,1179)	1:140:A:LEU:HD22	1:144:A:LEU:H	13	0.17
(11,1179)	1:140:A:LEU:HD23	1:144:A:LEU:H	13	0.17
(11,1130)	1:143:A:TRP:HA	1:143:A:TRP:HE3	3	0.17
(11,1099)	1:48:A:ARG:H	1:48:A:ARG:HG2	16	0.17
(11,1099)	1:48:A:ARG:H	1:48:A:ARG:HG3	16	0.17
(11,1066)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	13	0.17
(11,1066)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	13	0.17
(11,1057)	1:111:A:GLU:HA	1:114:A:ILE:HG12	15	0.17
(11,1049)	1:11:A:ILE:HA	1:11:A:ILE:HG12	18	0.17
(11,1027)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	14	0.17
(11,1027)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	14	0.17
(11,949)	1:67:A:PRO:HA	1:70:A:LYS:HB2	17	0.17
(11,949)	1:67:A:PRO:HA	1:70:A:LYS:HB3	17	0.17
(11,943)	1:69:A:MET:HG2	1:109:A:PRO:HA	12	0.17
(11,871)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	9	0.17
(11,871)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	9	0.17
(11,871)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	9	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,869)	1:56:A:CYS:H	1:122:A:ASP:HB3	1	0.17
(11,862)	1:60:A:LEU:HB2	1:63:A:ILE:H	16	0.17
(11,812)	1:98:A:ILE:HD11	1:116:A:GLN:H	7	0.17
(11,812)	1:98:A:ILE:HD12	1:116:A:GLN:H	7	0.17
(11,812)	1:98:A:ILE:HD13	1:116:A:GLN:H	7	0.17
(11,771)	1:101:A:ILE:HD11	1:115:A:ALA:H	1	0.17
(11,771)	1:101:A:ILE:HD12	1:115:A:ALA:H	1	0.17
(11,771)	1:101:A:ILE:HD13	1:115:A:ALA:H	1	0.17
(11,750)	1:103:A:ARG:HB2	1:103:A:ARG:HE	11	0.17
(11,750)	1:103:A:ARG:HB3	1:103:A:ARG:HE	11	0.17
(11,742)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	1	0.17
(11,742)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	1	0.17
(11,741)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	6	0.17
(11,741)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	17	0.17
(11,698)	1:98:A:ILE:H	1:104:A:PHE:H	10	0.17
(11,673)	1:120:A:CYS:H	1:121:A:VAL:HG11	18	0.17
(11,673)	1:120:A:CYS:H	1:121:A:VAL:HG12	18	0.17
(11,673)	1:120:A:CYS:H	1:121:A:VAL:HG13	18	0.17
(11,671)	1:116:A:GLN:HG3	1:117:A:VAL:H	19	0.17
(11,670)	1:101:A:ILE:HD11	1:116:A:GLN:H	6	0.17
(11,670)	1:101:A:ILE:HD12	1:116:A:GLN:H	6	0.17
(11,670)	1:101:A:ILE:HD13	1:116:A:GLN:H	6	0.17
(11,597)	1:55:A:GLY:H	1:57:A:LEU:H	9	0.17
(11,581)	1:127:A:CYS:HB2	1:130:A:GLY:H	16	0.17
(11,543)	1:60:A:LEU:HD11	1:61:A:SER:H	13	0.17
(11,543)	1:60:A:LEU:HD12	1:61:A:SER:H	13	0.17
(11,543)	1:60:A:LEU:HD13	1:61:A:SER:H	13	0.17
(11,540)	1:60:A:LEU:HD21	1:61:A:SER:H	4	0.17
(11,540)	1:60:A:LEU:HD22	1:61:A:SER:H	4	0.17
(11,540)	1:60:A:LEU:HD23	1:61:A:SER:H	4	0.17
(11,514)	1:67:A:PRO:HB2	1:71:A:LYS:H	11	0.17
(11,514)	1:67:A:PRO:HB3	1:71:A:LYS:H	11	0.17
(11,506)	1:97:A:ASP:HA	1:105:A:LYS:H	3	0.17
(11,506)	1:97:A:ASP:HA	1:105:A:LYS:H	5	0.17
(11,488)	1:98:A:ILE:H	1:105:A:LYS:H	10	0.17
(11,378)	1:41:A:LYS:H	1:44:A:GLU:HG2	10	0.17
(11,166)	1:94:A:ALA:HB1	1:95:A:ILE:H	10	0.17
(11,166)	1:94:A:ALA:HB2	1:95:A:ILE:H	10	0.17
(11,166)	1:94:A:ALA:HB3	1:95:A:ILE:H	10	0.17
(11,134)	1:12:A:VAL:H	1:13:A:ALA:HB1	6	0.17
(11,134)	1:12:A:VAL:H	1:13:A:ALA:HB2	6	0.17
(11,134)	1:12:A:VAL:H	1:13:A:ALA:HB3	6	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,116)	1:22:A:ASP:H	1:23:A:LEU:HB2	17	0.17
(11,116)	1:22:A:ASP:H	1:23:A:LEU:HB3	17	0.17
(11,72)	1:13:A:ALA:HB1	1:81:A:GLU:H	8	0.17
(11,72)	1:13:A:ALA:HB2	1:81:A:GLU:H	8	0.17
(11,72)	1:13:A:ALA:HB3	1:81:A:GLU:H	8	0.17
(11,52)	1:47:A:ALA:H	1:48:A:ARG:HB2	11	0.17
(11,52)	1:47:A:ALA:H	1:48:A:ARG:HB3	11	0.17
(11,31)	1:35:A:LEU:H	1:35:A:LEU:HG	1	0.17
(11,9)	1:63:A:ILE:HG13	1:64:A:LYS:H	3	0.17
(9,2436)	1:146:A:GLN:HA	1:146:A:GLN:HE21	18	0.17
(9,2436)	1:146:A:GLN:HA	1:146:A:GLN:HE22	18	0.17
(9,2433)	1:144:A:LEU:HD11	1:148:A:CYS:H	18	0.17
(9,2433)	1:144:A:LEU:HD12	1:148:A:CYS:H	18	0.17
(9,2433)	1:144:A:LEU:HD13	1:148:A:CYS:H	18	0.17
(9,2433)	1:144:A:LEU:HD21	1:148:A:CYS:H	18	0.17
(9,2433)	1:144:A:LEU:HD22	1:148:A:CYS:H	18	0.17
(9,2433)	1:144:A:LEU:HD23	1:148:A:CYS:H	18	0.17
(9,2413)	1:141:A:LYS:HA	1:148:A:CYS:HB2	12	0.17
(9,2413)	1:141:A:LYS:HA	1:148:A:CYS:HB3	12	0.17
(9,2287)	1:111:A:GLU:H	1:111:A:GLU:HG2	2	0.17
(9,2287)	1:111:A:GLU:H	1:111:A:GLU:HG3	2	0.17
(9,2287)	1:111:A:GLU:H	1:111:A:GLU:HG2	4	0.17
(9,2287)	1:111:A:GLU:H	1:111:A:GLU:HG3	4	0.17
(9,2287)	1:111:A:GLU:H	1:111:A:GLU:HG2	13	0.17
(9,2287)	1:111:A:GLU:H	1:111:A:GLU:HG3	13	0.17
(9,2273)	1:107:A:LEU:HD11	1:112:A:GLN:HA	6	0.17
(9,2273)	1:107:A:LEU:HD12	1:112:A:GLN:HA	6	0.17
(9,2273)	1:107:A:LEU:HD13	1:112:A:GLN:HA	6	0.17
(9,2273)	1:107:A:LEU:HD21	1:112:A:GLN:HA	6	0.17
(9,2273)	1:107:A:LEU:HD22	1:112:A:GLN:HA	6	0.17
(9,2273)	1:107:A:LEU:HD23	1:112:A:GLN:HA	6	0.17
(9,2272)	1:107:A:LEU:HD11	1:112:A:GLN:H	12	0.17
(9,2272)	1:107:A:LEU:HD12	1:112:A:GLN:H	12	0.17
(9,2272)	1:107:A:LEU:HD13	1:112:A:GLN:H	12	0.17
(9,2272)	1:107:A:LEU:HD21	1:112:A:GLN:H	12	0.17
(9,2272)	1:107:A:LEU:HD22	1:112:A:GLN:H	12	0.17
(9,2272)	1:107:A:LEU:HD23	1:112:A:GLN:H	12	0.17
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD11	12	0.17
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD12	12	0.17
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD13	12	0.17
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD21	12	0.17
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD22	12	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD23	12	0.17
(9,2133)	1:47:A:ALA:HA	1:131:A:LEU:HD11	10	0.17
(9,2133)	1:47:A:ALA:HA	1:131:A:LEU:HD12	10	0.17
(9,2133)	1:47:A:ALA:HA	1:131:A:LEU:HD13	10	0.17
(9,2133)	1:47:A:ALA:HA	1:131:A:LEU:HD21	10	0.17
(9,2133)	1:47:A:ALA:HA	1:131:A:LEU:HD22	10	0.17
(9,2133)	1:47:A:ALA:HA	1:131:A:LEU:HD23	10	0.17
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG11	2	0.17
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG12	2	0.17
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG13	2	0.17
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG21	2	0.17
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG22	2	0.17
(9,2125)	1:43:A:MET:HG2	1:134:A:VAL:HG23	2	0.17
(9,2120)	1:43:A:MET:H	1:140:A:LEU:HD11	9	0.17
(9,2120)	1:43:A:MET:H	1:140:A:LEU:HD12	9	0.17
(9,2120)	1:43:A:MET:H	1:140:A:LEU:HD13	9	0.17
(9,2120)	1:43:A:MET:H	1:140:A:LEU:HD21	9	0.17
(9,2120)	1:43:A:MET:H	1:140:A:LEU:HD22	9	0.17
(9,2120)	1:43:A:MET:H	1:140:A:LEU:HD23	9	0.17
(9,2093)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	4	0.17
(9,2093)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	4	0.17
(9,2093)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	4	0.17
(9,2093)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	4	0.17
(9,2093)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	4	0.17
(9,2093)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	4	0.17
(9,2093)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	4	0.17
(9,2093)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	4	0.17
(9,2093)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	4	0.17
(9,2093)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	4	0.17
(9,2093)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	4	0.17
(9,2093)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	4	0.17
(9,2090)	1:39:A:VAL:HG11	1:41:A:LYS:H	11	0.17
(9,2090)	1:39:A:VAL:HG12	1:41:A:LYS:H	11	0.17
(9,2090)	1:39:A:VAL:HG13	1:41:A:LYS:H	11	0.17
(9,2090)	1:39:A:VAL:HG21	1:41:A:LYS:H	11	0.17
(9,2090)	1:39:A:VAL:HG22	1:41:A:LYS:H	11	0.17
(9,2090)	1:39:A:VAL:HG23	1:41:A:LYS:H	11	0.17
(9,2089)	1:39:A:VAL:HG11	1:40:A:LEU:HA	12	0.17
(9,2089)	1:39:A:VAL:HG12	1:40:A:LEU:HA	12	0.17
(9,2089)	1:39:A:VAL:HG13	1:40:A:LEU:HA	12	0.17
(9,2089)	1:39:A:VAL:HG21	1:40:A:LEU:HA	12	0.17
(9,2089)	1:39:A:VAL:HG22	1:40:A:LEU:HA	12	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2089)	1:39:A:VAL:HG23	1:40:A:LEU:HA	12	0.17
(9,1904)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	8	0.17
(9,1904)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	8	0.17
(9,1904)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	8	0.17
(9,1904)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	8	0.17
(9,1834)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	12	0.17
(9,1834)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	12	0.17
(9,1834)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	12	0.17
(9,1833)	1:61:A:SER:HA	1:62:A:HIS:HD2	5	0.17
(9,1828)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	4	0.17
(9,1828)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	4	0.17
(9,1828)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	4	0.17
(9,1812)	1:113:A:PHE:HD1	1:114:A:ILE:HD11	6	0.17
(9,1812)	1:113:A:PHE:HD1	1:114:A:ILE:HD12	6	0.17
(9,1812)	1:113:A:PHE:HD1	1:114:A:ILE:HD13	6	0.17
(9,1812)	1:113:A:PHE:HD2	1:114:A:ILE:HD11	6	0.17
(9,1812)	1:113:A:PHE:HD2	1:114:A:ILE:HD12	6	0.17
(9,1812)	1:113:A:PHE:HD2	1:114:A:ILE:HD13	6	0.17
(9,1740)	1:39:A:VAL:HA	1:140:A:LEU:HD11	8	0.17
(9,1740)	1:39:A:VAL:HA	1:140:A:LEU:HD12	8	0.17
(9,1740)	1:39:A:VAL:HA	1:140:A:LEU:HD13	8	0.17
(9,1740)	1:39:A:VAL:HA	1:140:A:LEU:HD11	19	0.17
(9,1740)	1:39:A:VAL:HA	1:140:A:LEU:HD12	19	0.17
(9,1740)	1:39:A:VAL:HA	1:140:A:LEU:HD13	19	0.17
(9,1639)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	9	0.17
(9,1639)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	9	0.17
(9,1639)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	9	0.17
(9,1639)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	9	0.17
(9,1639)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	9	0.17
(9,1639)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	9	0.17
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD2	16	0.17
(9,1636)	1:102:A:PRO:HA	1:105:A:LYS:HD3	16	0.17
(9,1600)	1:73:A:ILE:HG21	1:76:A:ARG:H	15	0.17
(9,1600)	1:73:A:ILE:HG22	1:76:A:ARG:H	15	0.17
(9,1600)	1:73:A:ILE:HG23	1:76:A:ARG:H	15	0.17
(9,1599)	1:72:A:PHE:H	1:73:A:ILE:HG21	19	0.17
(9,1599)	1:72:A:PHE:H	1:73:A:ILE:HG22	19	0.17
(9,1599)	1:72:A:PHE:H	1:73:A:ILE:HG23	19	0.17
(9,1597)	1:120:A:CYS:H	1:121:A:VAL:HG21	6	0.17
(9,1597)	1:120:A:CYS:H	1:121:A:VAL:HG22	6	0.17
(9,1597)	1:120:A:CYS:H	1:121:A:VAL:HG23	6	0.17
(9,1575)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	2	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1575)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	2	0.17
(9,1575)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	2	0.17
(9,1575)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	2	0.17
(9,1575)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	2	0.17
(9,1575)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	2	0.17
(9,1575)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	2	0.17
(9,1575)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	2	0.17
(9,1575)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	2	0.17
(9,1555)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	6	0.17
(9,1555)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	6	0.17
(9,1555)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	6	0.17
(9,1555)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	6	0.17
(9,1555)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	6	0.17
(9,1555)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	6	0.17
(9,1522)	1:110:A:MET:HE1	1:113:A:PHE:HA	19	0.17
(9,1522)	1:110:A:MET:HE2	1:113:A:PHE:HA	19	0.17
(9,1522)	1:110:A:MET:HE3	1:113:A:PHE:HA	19	0.17
(9,1513)	1:65:A:CYS:H	1:69:A:MET:HE1	12	0.17
(9,1513)	1:65:A:CYS:H	1:69:A:MET:HE2	12	0.17
(9,1513)	1:65:A:CYS:H	1:69:A:MET:HE3	12	0.17
(9,1513)	1:65:A:CYS:H	1:69:A:MET:HE1	17	0.17
(9,1513)	1:65:A:CYS:H	1:69:A:MET:HE2	17	0.17
(9,1513)	1:65:A:CYS:H	1:69:A:MET:HE3	17	0.17
(9,1469)	1:101:A:ILE:HG21	1:115:A:ALA:H	8	0.17
(9,1469)	1:101:A:ILE:HG22	1:115:A:ALA:H	8	0.17
(9,1469)	1:101:A:ILE:HG23	1:115:A:ALA:H	8	0.17
(9,1438)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	3	0.17
(9,1438)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	3	0.17
(9,1379)	1:94:A:ALA:HA	1:95:A:ILE:HB	15	0.17
(9,1338)	1:105:A:LYS:HG3	1:106:A:ASP:HA	7	0.17
(9,1309)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	8	0.17
(9,1309)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	8	0.17
(9,1309)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	8	0.17
(9,1309)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	8	0.17
(9,1309)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	8	0.17
(9,1309)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	8	0.17
(9,1309)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	8	0.17
(9,1309)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	8	0.17
(9,1309)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	8	0.17
(9,1255)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	2	0.17
(9,1255)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	2	0.17
(9,1255)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	2	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1240)	1:39:A:VAL:HA	1:139:A:LEU:HD21	4	0.17
(9,1240)	1:39:A:VAL:HA	1:139:A:LEU:HD22	4	0.17
(9,1240)	1:39:A:VAL:HA	1:139:A:LEU:HD23	4	0.17
(9,1240)	1:39:A:VAL:HA	1:139:A:LEU:HD21	5	0.17
(9,1240)	1:39:A:VAL:HA	1:139:A:LEU:HD22	5	0.17
(9,1240)	1:39:A:VAL:HA	1:139:A:LEU:HD23	5	0.17
(9,1203)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	11	0.17
(9,1203)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	11	0.17
(9,1203)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	11	0.17
(9,1203)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	11	0.17
(9,1203)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	11	0.17
(9,1203)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	11	0.17
(9,1203)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	11	0.17
(9,1203)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	11	0.17
(9,1203)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	11	0.17
(9,1194)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	3	0.17
(9,1194)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	3	0.17
(9,1194)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	3	0.17
(9,1123)	1:143:A:TRP:HA	1:143:A:TRP:HE3	3	0.17
(9,1094)	1:141:A:LYS:HA	1:148:A:CYS:HB2	8	0.17
(9,1073)	1:38:A:GLU:HA	1:41:A:LYS:H	18	0.17
(9,1043)	1:111:A:GLU:HA	1:114:A:ILE:HG12	15	0.17
(9,965)	1:141:A:LYS:HB2	1:149:A:ALA:HA	13	0.17
(9,965)	1:141:A:LYS:HB3	1:149:A:ALA:HA	13	0.17
(9,862)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	11	0.17
(9,862)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	11	0.17
(9,862)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	11	0.17
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	6	0.17
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	6	0.17
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	6	0.17
(9,792)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	6	0.17
(9,792)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	6	0.17
(9,792)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	6	0.17
(9,792)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	6	0.17
(9,792)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	6	0.17
(9,792)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	6	0.17
(9,792)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	9	0.17
(9,792)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	9	0.17
(9,792)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	9	0.17
(9,792)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	9	0.17
(9,792)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	9	0.17
(9,792)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	9	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,760)	1:42:A:GLU:H	1:42:A:GLU:HB3	8	0.17
(9,747)	1:103:A:ARG:HB2	1:103:A:ARG:HE	11	0.17
(9,747)	1:103:A:ARG:HB3	1:103:A:ARG:HE	11	0.17
(9,674)	1:18:A:PHE:HB3	1:132:A:ALA:H	7	0.17
(9,666)	1:101:A:ILE:HD11	1:116:A:GLN:H	6	0.17
(9,666)	1:101:A:ILE:HD12	1:116:A:GLN:H	6	0.17
(9,666)	1:101:A:ILE:HD13	1:116:A:GLN:H	6	0.17
(9,597)	1:55:A:GLY:H	1:57:A:LEU:H	9	0.17
(9,579)	1:127:A:CYS:HB2	1:130:A:GLY:H	16	0.17
(9,547)	1:60:A:LEU:HD11	1:61:A:SER:H	13	0.17
(9,547)	1:60:A:LEU:HD12	1:61:A:SER:H	13	0.17
(9,547)	1:60:A:LEU:HD13	1:61:A:SER:H	13	0.17
(9,545)	1:60:A:LEU:HD21	1:61:A:SER:H	4	0.17
(9,545)	1:60:A:LEU:HD22	1:61:A:SER:H	4	0.17
(9,545)	1:60:A:LEU:HD23	1:61:A:SER:H	4	0.17
(9,519)	1:67:A:PRO:HB2	1:71:A:LYS:H	11	0.17
(9,519)	1:67:A:PRO:HB3	1:71:A:LYS:H	11	0.17
(9,236)	1:11:A:ILE:HB	1:44:A:GLU:H	5	0.17
(9,225)	1:9:A:PHE:HE1	1:10:A:ASN:H	12	0.17
(9,225)	1:9:A:PHE:HE2	1:10:A:ASN:H	12	0.17
(9,168)	1:131:A:LEU:H	1:131:A:LEU:HD21	5	0.17
(9,168)	1:131:A:LEU:H	1:131:A:LEU:HD22	5	0.17
(9,168)	1:131:A:LEU:H	1:131:A:LEU:HD23	5	0.17
(9,167)	1:94:A:ALA:HB1	1:95:A:ILE:H	10	0.17
(9,167)	1:94:A:ALA:HB2	1:95:A:ILE:H	10	0.17
(9,167)	1:94:A:ALA:HB3	1:95:A:ILE:H	10	0.17
(9,60)	1:117:A:VAL:H	1:118:A:ASP:HB2	1	0.17
(9,50)	1:47:A:ALA:H	1:48:A:ARG:HB2	1	0.17
(9,50)	1:47:A:ALA:H	1:48:A:ARG:HB3	1	0.17
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD11	5	0.17
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD12	5	0.17
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD13	5	0.17
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD21	5	0.17
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD22	5	0.17
(7,2367)	1:117:A:VAL:HG11	1:131:A:LEU:HD23	5	0.17
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD11	5	0.17
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD12	5	0.17
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD13	5	0.17
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD21	5	0.17
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD22	5	0.17
(7,2367)	1:117:A:VAL:HG12	1:131:A:LEU:HD23	5	0.17
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD11	5	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD12	5	0.17
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD13	5	0.17
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD21	5	0.17
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD22	5	0.17
(7,2367)	1:117:A:VAL:HG13	1:131:A:LEU:HD23	5	0.17
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD11	5	0.17
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD12	5	0.17
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD13	5	0.17
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD21	5	0.17
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD22	5	0.17
(7,2367)	1:117:A:VAL:HG21	1:131:A:LEU:HD23	5	0.17
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD11	5	0.17
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD12	5	0.17
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD13	5	0.17
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD21	5	0.17
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD22	5	0.17
(7,2367)	1:117:A:VAL:HG22	1:131:A:LEU:HD23	5	0.17
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD11	5	0.17
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD12	5	0.17
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD13	5	0.17
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD21	5	0.17
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD22	5	0.17
(7,2367)	1:117:A:VAL:HG23	1:131:A:LEU:HD23	5	0.17
(7,2336)	1:111:A:GLU:H	1:111:A:GLU:HG2	14	0.17
(7,2336)	1:111:A:GLU:H	1:111:A:GLU:HG3	14	0.17
(7,2313)	1:107:A:LEU:HA	1:108:A:GLU:HG2	16	0.17
(7,2313)	1:107:A:LEU:HA	1:108:A:GLU:HG3	16	0.17
(7,2276)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	9	0.17
(7,2276)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	9	0.17
(7,2276)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	9	0.17
(7,2276)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	9	0.17
(7,2276)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	9	0.17
(7,2276)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	9	0.17
(7,2276)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	9	0.17
(7,2276)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	9	0.17
(7,2276)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	9	0.17
(7,2276)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	9	0.17
(7,2276)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	9	0.17
(7,2276)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	9	0.17
(7,2276)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	9	0.17
(7,2276)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	9	0.17
(7,2276)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	9	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2276)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	9	0.17
(7,2276)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	9	0.17
(7,2276)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	9	0.17
(7,2252)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	12	0.17
(7,2252)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	12	0.17
(7,2229)	1:69:A:MET:HG2	1:109:A:PRO:HA	19	0.17
(7,2229)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.17
(7,2214)	1:65:A:CYS:HB2	1:69:A:MET:HE1	18	0.17
(7,2214)	1:65:A:CYS:HB2	1:69:A:MET:HE2	18	0.17
(7,2214)	1:65:A:CYS:HB2	1:69:A:MET:HE3	18	0.17
(7,2214)	1:65:A:CYS:HB3	1:69:A:MET:HE1	18	0.17
(7,2214)	1:65:A:CYS:HB3	1:69:A:MET:HE2	18	0.17
(7,2214)	1:65:A:CYS:HB3	1:69:A:MET:HE3	18	0.17
(7,2194)	1:63:A:ILE:HG12	1:113:A:PHE:HE1	8	0.17
(7,2194)	1:63:A:ILE:HG12	1:113:A:PHE:HE2	8	0.17
(7,2194)	1:63:A:ILE:HG13	1:113:A:PHE:HE1	8	0.17
(7,2194)	1:63:A:ILE:HG13	1:113:A:PHE:HE2	8	0.17
(7,2175)	1:59:A:CYS:HA	1:60:A:LEU:HD11	2	0.17
(7,2175)	1:59:A:CYS:HA	1:60:A:LEU:HD12	2	0.17
(7,2175)	1:59:A:CYS:HA	1:60:A:LEU:HD13	2	0.17
(7,2175)	1:59:A:CYS:HA	1:60:A:LEU:HD21	2	0.17
(7,2175)	1:59:A:CYS:HA	1:60:A:LEU:HD22	2	0.17
(7,2175)	1:59:A:CYS:HA	1:60:A:LEU:HD23	2	0.17
(7,2149)	1:50:A:ALA:H	1:130:A:GLY:HA2	13	0.17
(7,2149)	1:50:A:ALA:H	1:130:A:GLY:HA3	13	0.17
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD11	14	0.17
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD12	14	0.17
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD13	14	0.17
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD21	14	0.17
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD22	14	0.17
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD23	14	0.17
(7,2057)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	13	0.17
(7,2057)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	13	0.17
(7,2057)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	13	0.17
(7,2057)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	13	0.17
(7,2057)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	13	0.17
(7,2057)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	13	0.17
(7,2053)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	18	0.17
(7,2053)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	18	0.17
(7,2053)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	18	0.17
(7,2053)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	18	0.17
(7,2053)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	18	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2053)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	18	0.17
(7,2042)	1:35:A:LEU:HD11	1:38:A:GLU:H	11	0.17
(7,2042)	1:35:A:LEU:HD12	1:38:A:GLU:H	11	0.17
(7,2042)	1:35:A:LEU:HD13	1:38:A:GLU:H	11	0.17
(7,2042)	1:35:A:LEU:HD21	1:38:A:GLU:H	11	0.17
(7,2042)	1:35:A:LEU:HD22	1:38:A:GLU:H	11	0.17
(7,2042)	1:35:A:LEU:HD23	1:38:A:GLU:H	11	0.17
(7,2040)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	1	0.17
(7,2040)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	1	0.17
(7,2040)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	1	0.17
(7,2040)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	1	0.17
(7,2040)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	1	0.17
(7,2040)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	1	0.17
(7,2040)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	8	0.17
(7,2040)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	8	0.17
(7,2040)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	8	0.17
(7,2040)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	8	0.17
(7,2040)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	8	0.17
(7,2040)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	8	0.17
(7,2021)	1:30:A:LEU:HD11	1:31:A:PRO:HG2	14	0.17
(7,2021)	1:30:A:LEU:HD11	1:31:A:PRO:HG3	14	0.17
(7,2021)	1:30:A:LEU:HD12	1:31:A:PRO:HG2	14	0.17
(7,2021)	1:30:A:LEU:HD12	1:31:A:PRO:HG3	14	0.17
(7,2021)	1:30:A:LEU:HD13	1:31:A:PRO:HG2	14	0.17
(7,2021)	1:30:A:LEU:HD13	1:31:A:PRO:HG3	14	0.17
(7,2021)	1:30:A:LEU:HD21	1:31:A:PRO:HG2	14	0.17
(7,2021)	1:30:A:LEU:HD21	1:31:A:PRO:HG3	14	0.17
(7,2021)	1:30:A:LEU:HD22	1:31:A:PRO:HG2	14	0.17
(7,2021)	1:30:A:LEU:HD22	1:31:A:PRO:HG3	14	0.17
(7,2021)	1:30:A:LEU:HD23	1:31:A:PRO:HG2	14	0.17
(7,2021)	1:30:A:LEU:HD23	1:31:A:PRO:HG3	14	0.17
(7,2000)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	13	0.17
(7,2000)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	13	0.17
(7,2000)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	13	0.17
(7,2000)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	13	0.17
(7,1997)	1:23:A:LEU:HD11	1:27:A:ARG:HA	3	0.17
(7,1997)	1:23:A:LEU:HD12	1:27:A:ARG:HA	3	0.17
(7,1997)	1:23:A:LEU:HD13	1:27:A:ARG:HA	3	0.17
(7,1997)	1:23:A:LEU:HD21	1:27:A:ARG:HA	3	0.17
(7,1997)	1:23:A:LEU:HD22	1:27:A:ARG:HA	3	0.17
(7,1997)	1:23:A:LEU:HD23	1:27:A:ARG:HA	3	0.17
(7,1974)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	13	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1974)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	13	0.17
(7,1974)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	13	0.17
(7,1974)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	13	0.17
(7,1974)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	13	0.17
(7,1974)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	13	0.17
(7,1974)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	13	0.17
(7,1974)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	13	0.17
(7,1974)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	13	0.17
(7,1974)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	13	0.17
(7,1974)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	13	0.17
(7,1974)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	13	0.17
(7,1848)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	1	0.17
(7,1848)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	1	0.17
(7,1810)	1:61:A:SER:HA	1:62:A:HIS:HD2	5	0.17
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	4	0.17
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	4	0.17
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	4	0.17
(7,1754)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	1	0.17
(7,1754)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	1	0.17
(7,1754)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	1	0.17
(7,1754)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	1	0.17
(7,1754)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	1	0.17
(7,1754)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	1	0.17
(7,1754)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	1	0.17
(7,1754)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	1	0.17
(7,1754)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	1	0.17
(7,1754)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	1	0.17
(7,1754)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	1	0.17
(7,1754)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	1	0.17
(7,1747)	1:13:A:ALA:H	1:80:A:TYR:HD1	14	0.17
(7,1747)	1:13:A:ALA:H	1:80:A:TYR:HD2	14	0.17
(7,1710)	1:39:A:VAL:HA	1:140:A:LEU:HD11	8	0.17
(7,1710)	1:39:A:VAL:HA	1:140:A:LEU:HD12	8	0.17
(7,1710)	1:39:A:VAL:HA	1:140:A:LEU:HD13	8	0.17
(7,1710)	1:39:A:VAL:HA	1:140:A:LEU:HD11	19	0.17
(7,1710)	1:39:A:VAL:HA	1:140:A:LEU:HD12	19	0.17
(7,1710)	1:39:A:VAL:HA	1:140:A:LEU:HD13	19	0.17
(7,1685)	1:79:A:THR:HG21	1:81:A:GLU:HB3	10	0.17
(7,1685)	1:79:A:THR:HG22	1:81:A:GLU:HB3	10	0.17
(7,1685)	1:79:A:THR:HG23	1:81:A:GLU:HB3	10	0.17
(7,1636)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	14	0.17
(7,1636)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	14	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1636)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	14	0.17
(7,1636)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	14	0.17
(7,1625)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	6	0.17
(7,1625)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	6	0.17
(7,1625)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	6	0.17
(7,1625)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	6	0.17
(7,1625)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	6	0.17
(7,1625)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	6	0.17
(7,1625)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	6	0.17
(7,1625)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	6	0.17
(7,1625)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	6	0.17
(7,1580)	1:73:A:ILE:HG21	1:76:A:ARG:H	15	0.17
(7,1580)	1:73:A:ILE:HG22	1:76:A:ARG:H	15	0.17
(7,1580)	1:73:A:ILE:HG23	1:76:A:ARG:H	15	0.17
(7,1579)	1:72:A:PHE:H	1:73:A:ILE:HG21	19	0.17
(7,1579)	1:72:A:PHE:H	1:73:A:ILE:HG22	19	0.17
(7,1579)	1:72:A:PHE:H	1:73:A:ILE:HG23	19	0.17
(7,1554)	1:101:A:ILE:HD11	1:112:A:GLN:HA	13	0.17
(7,1554)	1:101:A:ILE:HD12	1:112:A:GLN:HA	13	0.17
(7,1554)	1:101:A:ILE:HD13	1:112:A:GLN:HA	13	0.17
(7,1553)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	2	0.17
(7,1553)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	2	0.17
(7,1553)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	2	0.17
(7,1553)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	2	0.17
(7,1553)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	2	0.17
(7,1553)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	2	0.17
(7,1553)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	2	0.17
(7,1553)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	2	0.17
(7,1553)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	2	0.17
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE1	18	0.17
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE2	18	0.17
(7,1506)	1:18:A:PHE:HA	1:110:A:MET:HE3	18	0.17
(7,1479)	1:114:A:ILE:HG21	1:117:A:VAL:HB	13	0.17
(7,1479)	1:114:A:ILE:HG22	1:117:A:VAL:HB	13	0.17
(7,1479)	1:114:A:ILE:HG23	1:117:A:VAL:HB	13	0.17
(7,1453)	1:101:A:ILE:HG21	1:115:A:ALA:H	8	0.17
(7,1453)	1:101:A:ILE:HG22	1:115:A:ALA:H	8	0.17
(7,1453)	1:101:A:ILE:HG23	1:115:A:ALA:H	8	0.17
(7,1424)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	3	0.17
(7,1424)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	3	0.17
(7,1388)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	18	0.17
(7,1388)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	18	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1388)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	18	0.17
(7,1363)	1:107:A:LEU:HD11	1:111:A:GLU:HB2	18	0.17
(7,1363)	1:107:A:LEU:HD11	1:111:A:GLU:HB3	18	0.17
(7,1363)	1:107:A:LEU:HD12	1:111:A:GLU:HB2	18	0.17
(7,1363)	1:107:A:LEU:HD12	1:111:A:GLU:HB3	18	0.17
(7,1363)	1:107:A:LEU:HD13	1:111:A:GLU:HB2	18	0.17
(7,1363)	1:107:A:LEU:HD13	1:111:A:GLU:HB3	18	0.17
(7,1362)	1:12:A:VAL:HG21	1:13:A:ALA:HA	9	0.17
(7,1362)	1:12:A:VAL:HG22	1:13:A:ALA:HA	9	0.17
(7,1362)	1:12:A:VAL:HG23	1:13:A:ALA:HA	9	0.17
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG11	4	0.17
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG12	4	0.17
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG13	4	0.17
(7,1327)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	19	0.17
(7,1327)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	19	0.17
(7,1327)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	19	0.17
(7,1327)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	19	0.17
(7,1327)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	19	0.17
(7,1327)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	19	0.17
(7,1325)	1:125:A:THR:HG21	1:128:A:LEU:HB2	19	0.17
(7,1325)	1:125:A:THR:HG22	1:128:A:LEU:HB2	19	0.17
(7,1325)	1:125:A:THR:HG23	1:128:A:LEU:HB2	19	0.17
(7,1317)	1:131:A:LEU:H	1:131:A:LEU:HD21	5	0.17
(7,1317)	1:131:A:LEU:H	1:131:A:LEU:HD22	5	0.17
(7,1317)	1:131:A:LEU:H	1:131:A:LEU:HD23	5	0.17
(7,1241)	1:12:A:VAL:HG11	1:40:A:LEU:HA	6	0.17
(7,1241)	1:12:A:VAL:HG12	1:40:A:LEU:HA	6	0.17
(7,1241)	1:12:A:VAL:HG13	1:40:A:LEU:HA	6	0.17
(7,1233)	1:23:A:LEU:HD11	1:24:A:ASP:H	16	0.17
(7,1233)	1:23:A:LEU:HD12	1:24:A:ASP:H	16	0.17
(7,1233)	1:23:A:LEU:HD13	1:24:A:ASP:H	16	0.17
(7,1217)	1:39:A:VAL:HA	1:139:A:LEU:HD21	4	0.17
(7,1217)	1:39:A:VAL:HA	1:139:A:LEU:HD22	4	0.17
(7,1217)	1:39:A:VAL:HA	1:139:A:LEU:HD23	4	0.17
(7,1217)	1:39:A:VAL:HA	1:139:A:LEU:HD21	5	0.17
(7,1217)	1:39:A:VAL:HA	1:139:A:LEU:HD22	5	0.17
(7,1217)	1:39:A:VAL:HA	1:139:A:LEU:HD23	5	0.17
(7,1200)	1:110:A:MET:HA	1:113:A:PHE:HB2	5	0.17
(7,1108)	1:40:A:LEU:HA	1:40:A:LEU:HD21	13	0.17
(7,1108)	1:40:A:LEU:HA	1:40:A:LEU:HD22	13	0.17
(7,1108)	1:40:A:LEU:HA	1:40:A:LEU:HD23	13	0.17
(7,1100)	1:143:A:TRP:HA	1:143:A:TRP:HE3	3	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1094)	1:40:A:LEU:HB3	1:41:A:LYS:HA	10	0.17
(7,1017)	1:11:A:ILE:HA	1:11:A:ILE:HG12	18	0.17
(7,934)	1:11:A:ILE:HD11	1:12:A:VAL:HA	4	0.17
(7,934)	1:11:A:ILE:HD12	1:12:A:VAL:HA	4	0.17
(7,934)	1:11:A:ILE:HD13	1:12:A:VAL:HA	4	0.17
(7,909)	1:125:A:THR:HB	1:128:A:LEU:HB2	5	0.17
(7,883)	1:94:A:ALA:HA	1:95:A:ILE:HB	4	0.17
(7,859)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	9	0.17
(7,859)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	9	0.17
(7,859)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	9	0.17
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	19	0.17
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	19	0.17
(7,811)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	19	0.17
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	19	0.17
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	19	0.17
(7,811)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	19	0.17
(7,765)	1:101:A:ILE:HD11	1:115:A:ALA:H	1	0.17
(7,765)	1:101:A:ILE:HD12	1:115:A:ALA:H	1	0.17
(7,765)	1:101:A:ILE:HD13	1:115:A:ALA:H	1	0.17
(7,733)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	1	0.17
(7,733)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	1	0.17
(7,693)	1:98:A:ILE:H	1:104:A:PHE:H	10	0.17
(7,667)	1:101:A:ILE:HD11	1:116:A:GLN:H	6	0.17
(7,667)	1:101:A:ILE:HD12	1:116:A:GLN:H	6	0.17
(7,667)	1:101:A:ILE:HD13	1:116:A:GLN:H	6	0.17
(7,602)	1:55:A:GLY:H	1:58:A:ILE:HD11	17	0.17
(7,602)	1:55:A:GLY:H	1:58:A:ILE:HD12	17	0.17
(7,602)	1:55:A:GLY:H	1:58:A:ILE:HD13	17	0.17
(7,507)	1:97:A:ASP:HA	1:105:A:LYS:H	3	0.17
(7,507)	1:97:A:ASP:HA	1:105:A:LYS:H	5	0.17
(7,331)	1:122:A:ASP:H	1:123:A:CYS:HA	15	0.17
(7,233)	1:44:A:GLU:HG3	1:48:A:ARG:H	2	0.17
(7,167)	1:94:A:ALA:HB1	1:95:A:ILE:H	10	0.17
(7,167)	1:94:A:ALA:HB2	1:95:A:ILE:H	10	0.17
(7,167)	1:94:A:ALA:HB3	1:95:A:ILE:H	10	0.17
(7,150)	1:131:A:LEU:H	1:131:A:LEU:HG	14	0.17
(7,68)	1:44:A:GLU:HB2	1:45:A:ALA:H	12	0.17
(7,68)	1:44:A:GLU:HB3	1:45:A:ALA:H	12	0.17
(7,68)	1:44:A:GLU:HB2	1:45:A:ALA:H	19	0.17
(7,68)	1:44:A:GLU:HB3	1:45:A:ALA:H	19	0.17
(7,58)	1:117:A:VAL:H	1:118:A:ASP:HB2	1	0.17
(7,49)	1:98:A:ILE:H	1:101:A:ILE:HG21	6	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,49)	1:98:A:ILE:H	1:101:A:ILE:HG22	6	0.17
(7,49)	1:98:A:ILE:H	1:101:A:ILE:HG23	6	0.17
(6,2479)	1:150:A:THR:H	1:151:A:PHE:HB2	14	0.17
(6,2479)	1:150:A:THR:H	1:151:A:PHE:HB3	14	0.17
(6,2472)	1:146:A:GLN:HA	1:146:A:GLN:HE21	18	0.17
(6,2472)	1:146:A:GLN:HA	1:146:A:GLN:HE22	18	0.17
(6,2465)	1:141:A:LYS:H	1:148:A:CYS:HB2	11	0.17
(6,2465)	1:141:A:LYS:H	1:148:A:CYS:HB3	11	0.17
(6,2333)	1:107:A:LEU:HD11	1:112:A:GLN:H	12	0.17
(6,2333)	1:107:A:LEU:HD12	1:112:A:GLN:H	12	0.17
(6,2333)	1:107:A:LEU:HD13	1:112:A:GLN:H	12	0.17
(6,2333)	1:107:A:LEU:HD21	1:112:A:GLN:H	12	0.17
(6,2333)	1:107:A:LEU:HD22	1:112:A:GLN:H	12	0.17
(6,2333)	1:107:A:LEU:HD23	1:112:A:GLN:H	12	0.17
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD11	12	0.17
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD12	12	0.17
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD13	12	0.17
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD21	12	0.17
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD22	12	0.17
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD23	12	0.17
(6,2318)	1:105:A:LYS:H	1:105:A:LYS:HG2	13	0.17
(6,2318)	1:105:A:LYS:H	1:105:A:LYS:HG3	13	0.17
(6,2302)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	9	0.17
(6,2302)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	9	0.17
(6,2302)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	9	0.17
(6,2302)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	9	0.17
(6,2302)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	9	0.17
(6,2302)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	9	0.17
(6,2302)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	9	0.17
(6,2302)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	9	0.17
(6,2302)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	9	0.17
(6,2302)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	9	0.17
(6,2302)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	9	0.17
(6,2302)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	9	0.17
(6,2302)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	9	0.17
(6,2302)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	9	0.17
(6,2302)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	9	0.17
(6,2302)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	9	0.17
(6,2302)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	9	0.17
(6,2302)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	9	0.17
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	4	0.17
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	4	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	4	0.17
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	4	0.17
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	4	0.17
(6,2214)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	4	0.17
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	4	0.17
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	4	0.17
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	4	0.17
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	4	0.17
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	4	0.17
(6,2214)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	4	0.17
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	4	0.17
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	4	0.17
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	4	0.17
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	4	0.17
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	4	0.17
(6,2214)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	4	0.17
(6,2182)	1:54:A:ARG:HB2	1:58:A:ILE:HD11	13	0.17
(6,2182)	1:54:A:ARG:HB2	1:58:A:ILE:HD12	13	0.17
(6,2182)	1:54:A:ARG:HB2	1:58:A:ILE:HD13	13	0.17
(6,2182)	1:54:A:ARG:HB3	1:58:A:ILE:HD11	13	0.17
(6,2182)	1:54:A:ARG:HB3	1:58:A:ILE:HD12	13	0.17
(6,2182)	1:54:A:ARG:HB3	1:58:A:ILE:HD13	13	0.17
(6,2167)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	17	0.17
(6,2167)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	17	0.17
(6,2167)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	17	0.17
(6,2167)	1:47:A:ALA:HB1	1:57:A:LEU:HD21	17	0.17
(6,2167)	1:47:A:ALA:HB1	1:57:A:LEU:HD22	17	0.17
(6,2167)	1:47:A:ALA:HB1	1:57:A:LEU:HD23	17	0.17
(6,2167)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	17	0.17
(6,2167)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	17	0.17
(6,2167)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	17	0.17
(6,2167)	1:47:A:ALA:HB2	1:57:A:LEU:HD21	17	0.17
(6,2167)	1:47:A:ALA:HB2	1:57:A:LEU:HD22	17	0.17
(6,2167)	1:47:A:ALA:HB2	1:57:A:LEU:HD23	17	0.17
(6,2167)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	17	0.17
(6,2167)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	17	0.17
(6,2167)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	17	0.17
(6,2167)	1:47:A:ALA:HB3	1:57:A:LEU:HD21	17	0.17
(6,2167)	1:47:A:ALA:HB3	1:57:A:LEU:HD22	17	0.17
(6,2167)	1:47:A:ALA:HB3	1:57:A:LEU:HD23	17	0.17
(6,2163)	1:47:A:ALA:H	1:131:A:LEU:HD11	4	0.17
(6,2163)	1:47:A:ALA:H	1:131:A:LEU:HD12	4	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2163)	1:47:A:ALA:H	1:131:A:LEU:HD13	4	0.17
(6,2163)	1:47:A:ALA:H	1:131:A:LEU:HD21	4	0.17
(6,2163)	1:47:A:ALA:H	1:131:A:LEU:HD22	4	0.17
(6,2163)	1:47:A:ALA:H	1:131:A:LEU:HD23	4	0.17
(6,2107)	1:39:A:VAL:HG11	1:41:A:LYS:H	9	0.17
(6,2107)	1:39:A:VAL:HG12	1:41:A:LYS:H	9	0.17
(6,2107)	1:39:A:VAL:HG13	1:41:A:LYS:H	9	0.17
(6,2107)	1:39:A:VAL:HG21	1:41:A:LYS:H	9	0.17
(6,2107)	1:39:A:VAL:HG22	1:41:A:LYS:H	9	0.17
(6,2107)	1:39:A:VAL:HG23	1:41:A:LYS:H	9	0.17
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD11	8	0.17
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD12	8	0.17
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD13	8	0.17
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD21	8	0.17
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD22	8	0.17
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD23	8	0.17
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG11	14	0.17
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG12	14	0.17
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG13	14	0.17
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG21	14	0.17
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG22	14	0.17
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG23	14	0.17
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	9	0.17
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	9	0.17
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	9	0.17
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	9	0.17
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	9	0.17
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	9	0.17
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	9	0.17
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	9	0.17
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	9	0.17
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	9	0.17
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	9	0.17
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	9	0.17
(6,1887)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	1	0.17
(6,1887)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	1	0.17
(6,1846)	1:61:A:SER:HA	1:62:A:HIS:HD2	5	0.17
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	4	0.17
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	4	0.17
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	4	0.17
(6,1771)	1:97:A:ASP:HA	1:105:A:LYS:HA	2	0.17
(6,1759)	1:36:A:PRO:HG2	1:37:A:LEU:HG	17	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1720)	1:14:A:VAL:H	1:79:A:THR:HG21	14	0.17
(6,1720)	1:14:A:VAL:H	1:79:A:THR:HG22	14	0.17
(6,1720)	1:14:A:VAL:H	1:79:A:THR:HG23	14	0.17
(6,1696)	1:43:A:MET:HE1	1:135:A:GLN:H	11	0.17
(6,1696)	1:43:A:MET:HE2	1:135:A:GLN:H	11	0.17
(6,1696)	1:43:A:MET:HE3	1:135:A:GLN:H	11	0.17
(6,1618)	1:19:A:ALA:HB1	1:24:A:ASP:HB2	10	0.17
(6,1618)	1:19:A:ALA:HB1	1:24:A:ASP:HB3	10	0.17
(6,1618)	1:19:A:ALA:HB2	1:24:A:ASP:HB2	10	0.17
(6,1618)	1:19:A:ALA:HB2	1:24:A:ASP:HB3	10	0.17
(6,1618)	1:19:A:ALA:HB3	1:24:A:ASP:HB2	10	0.17
(6,1618)	1:19:A:ALA:HB3	1:24:A:ASP:HB3	10	0.17
(6,1606)	1:73:A:ILE:HG21	1:76:A:ARG:H	15	0.17
(6,1606)	1:73:A:ILE:HG22	1:76:A:ARG:H	15	0.17
(6,1606)	1:73:A:ILE:HG23	1:76:A:ARG:H	15	0.17
(6,1605)	1:72:A:PHE:H	1:73:A:ILE:HG21	19	0.17
(6,1605)	1:72:A:PHE:H	1:73:A:ILE:HG22	19	0.17
(6,1605)	1:72:A:PHE:H	1:73:A:ILE:HG23	19	0.17
(6,1603)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	9	0.17
(6,1603)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	9	0.17
(6,1603)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	9	0.17
(6,1579)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	2	0.17
(6,1579)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	2	0.17
(6,1579)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	2	0.17
(6,1579)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	2	0.17
(6,1579)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	2	0.17
(6,1579)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	2	0.17
(6,1579)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	2	0.17
(6,1579)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	2	0.17
(6,1579)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	2	0.17
(6,1560)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	13	0.17
(6,1560)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	13	0.17
(6,1560)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	13	0.17
(6,1560)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	13	0.17
(6,1560)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	13	0.17
(6,1560)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	13	0.17
(6,1560)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	13	0.17
(6,1560)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	13	0.17
(6,1560)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	13	0.17
(6,1557)	1:18:A:PHE:HD1	1:131:A:LEU:HD21	1	0.17
(6,1557)	1:18:A:PHE:HD1	1:131:A:LEU:HD22	1	0.17
(6,1557)	1:18:A:PHE:HD1	1:131:A:LEU:HD23	1	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1557)	1:18:A:PHE:HD2	1:131:A:LEU:HD21	1	0.17
(6,1557)	1:18:A:PHE:HD2	1:131:A:LEU:HD22	1	0.17
(6,1557)	1:18:A:PHE:HD2	1:131:A:LEU:HD23	1	0.17
(6,1512)	1:65:A:CYS:H	1:69:A:MET:HE1	12	0.17
(6,1512)	1:65:A:CYS:H	1:69:A:MET:HE2	12	0.17
(6,1512)	1:65:A:CYS:H	1:69:A:MET:HE3	12	0.17
(6,1512)	1:65:A:CYS:H	1:69:A:MET:HE1	17	0.17
(6,1512)	1:65:A:CYS:H	1:69:A:MET:HE2	17	0.17
(6,1512)	1:65:A:CYS:H	1:69:A:MET:HE3	17	0.17
(6,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB1	3	0.17
(6,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB2	3	0.17
(6,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB3	3	0.17
(6,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB1	8	0.17
(6,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB2	8	0.17
(6,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB3	8	0.17
(6,1394)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	14	0.17
(6,1394)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	14	0.17
(6,1394)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	14	0.17
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG11	4	0.17
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG12	4	0.17
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG13	4	0.17
(6,1303)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	8	0.17
(6,1303)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	8	0.17
(6,1303)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	8	0.17
(6,1303)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	8	0.17
(6,1303)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	8	0.17
(6,1303)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	8	0.17
(6,1303)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	8	0.17
(6,1303)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	8	0.17
(6,1303)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	8	0.17
(6,1233)	1:39:A:VAL:HA	1:139:A:LEU:HD21	4	0.17
(6,1233)	1:39:A:VAL:HA	1:139:A:LEU:HD22	4	0.17
(6,1233)	1:39:A:VAL:HA	1:139:A:LEU:HD23	4	0.17
(6,1233)	1:39:A:VAL:HA	1:139:A:LEU:HD21	5	0.17
(6,1233)	1:39:A:VAL:HA	1:139:A:LEU:HD22	5	0.17
(6,1233)	1:39:A:VAL:HA	1:139:A:LEU:HD23	5	0.17
(6,1222)	1:140:A:LEU:HA	1:144:A:LEU:HD11	3	0.17
(6,1222)	1:140:A:LEU:HA	1:144:A:LEU:HD12	3	0.17
(6,1222)	1:140:A:LEU:HA	1:144:A:LEU:HD13	3	0.17
(6,1213)	1:110:A:MET:HA	1:113:A:PHE:HB2	17	0.17
(6,1195)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	11	0.17
(6,1195)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	11	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1195)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	11	0.17
(6,1195)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	11	0.17
(6,1195)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	11	0.17
(6,1195)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	11	0.17
(6,1195)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	11	0.17
(6,1195)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	11	0.17
(6,1195)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	11	0.17
(6,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD21	3	0.17
(6,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD22	3	0.17
(6,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD23	3	0.17
(6,1158)	1:101:A:ILE:H	1:119:A:LEU:HD21	5	0.17
(6,1158)	1:101:A:ILE:H	1:119:A:LEU:HD22	5	0.17
(6,1158)	1:101:A:ILE:H	1:119:A:LEU:HD23	5	0.17
(6,1145)	1:37:A:LEU:HA	1:37:A:LEU:HD21	17	0.17
(6,1145)	1:37:A:LEU:HA	1:37:A:LEU:HD22	17	0.17
(6,1145)	1:37:A:LEU:HA	1:37:A:LEU:HD23	17	0.17
(6,985)	1:98:A:ILE:HB	1:105:A:LYS:HB2	6	0.17
(6,985)	1:98:A:ILE:HB	1:105:A:LYS:HB3	6	0.17
(6,809)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	8	0.17
(6,809)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	8	0.17
(6,809)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	8	0.17
(6,787)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	6	0.17
(6,787)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	6	0.17
(6,787)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	6	0.17
(6,787)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	6	0.17
(6,787)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	6	0.17
(6,787)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	6	0.17
(6,787)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	9	0.17
(6,787)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	9	0.17
(6,787)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	9	0.17
(6,787)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	9	0.17
(6,787)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	9	0.17
(6,787)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	9	0.17
(6,732)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	6	0.17
(6,732)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	17	0.17
(6,673)	1:18:A:PHE:HB3	1:132:A:ALA:H	7	0.17
(6,635)	1:66:A:THR:H	1:70:A:LYS:H	5	0.17
(6,616)	1:96:A:VAL:H	1:97:A:ASP:H	2	0.17
(6,574)	1:127:A:CYS:HB2	1:130:A:GLY:H	16	0.17
(6,538)	1:60:A:LEU:HD11	1:61:A:SER:H	13	0.17
(6,538)	1:60:A:LEU:HD12	1:61:A:SER:H	13	0.17
(6,538)	1:60:A:LEU:HD13	1:61:A:SER:H	13	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,536)	1:60:A:LEU:HD21	1:61:A:SER:H	4	0.17
(6,536)	1:60:A:LEU:HD22	1:61:A:SER:H	4	0.17
(6,536)	1:60:A:LEU:HD23	1:61:A:SER:H	4	0.17
(6,510)	1:67:A:PRO:HB2	1:71:A:LYS:H	11	0.17
(6,510)	1:67:A:PRO:HB3	1:71:A:LYS:H	11	0.17
(6,503)	1:97:A:ASP:HA	1:105:A:LYS:H	3	0.17
(6,503)	1:97:A:ASP:HA	1:105:A:LYS:H	5	0.17
(6,366)	1:132:A:ALA:H	1:133:A:ASN:HD22	17	0.17
(6,292)	1:128:A:LEU:HB3	1:129:A:LYS:H	9	0.17
(6,280)	1:50:A:ALA:H	1:52:A:CYS:H	12	0.17
(6,259)	1:27:A:ARG:HB3	1:29:A:LYS:H	12	0.17
(6,233)	1:10:A:ASN:H	1:13:A:ALA:HB1	12	0.17
(6,233)	1:10:A:ASN:H	1:13:A:ALA:HB2	12	0.17
(6,233)	1:10:A:ASN:H	1:13:A:ALA:HB3	12	0.17
(6,230)	1:44:A:GLU:HG3	1:48:A:ARG:H	2	0.17
(6,222)	1:9:A:PHE:HE1	1:10:A:ASN:H	12	0.17
(6,222)	1:9:A:PHE:HE2	1:10:A:ASN:H	12	0.17
(6,165)	1:94:A:ALA:HB1	1:95:A:ILE:H	10	0.17
(6,165)	1:94:A:ALA:HB2	1:95:A:ILE:H	10	0.17
(6,165)	1:94:A:ALA:HB3	1:95:A:ILE:H	10	0.17
(6,115)	1:22:A:ASP:H	1:23:A:LEU:HB2	17	0.17
(6,115)	1:22:A:ASP:H	1:23:A:LEU:HB3	17	0.17
(6,59)	1:117:A:VAL:H	1:118:A:ASP:HB2	1	0.17
(6,50)	1:98:A:ILE:H	1:101:A:ILE:HG21	6	0.17
(6,50)	1:98:A:ILE:H	1:101:A:ILE:HG22	6	0.17
(6,50)	1:98:A:ILE:H	1:101:A:ILE:HG23	6	0.17
(6,38)	1:98:A:ILE:H	1:105:A:LYS:HA	14	0.17
(6,8)	1:63:A:ILE:HG13	1:64:A:LYS:H	3	0.17
(5,2482)	1:150:A:THR:H	1:151:A:PHE:HB2	14	0.17
(5,2482)	1:150:A:THR:H	1:151:A:PHE:HB3	14	0.17
(5,2474)	1:144:A:LEU:HD11	1:148:A:CYS:H	18	0.17
(5,2474)	1:144:A:LEU:HD12	1:148:A:CYS:H	18	0.17
(5,2474)	1:144:A:LEU:HD13	1:148:A:CYS:H	18	0.17
(5,2474)	1:144:A:LEU:HD21	1:148:A:CYS:H	18	0.17
(5,2474)	1:144:A:LEU:HD22	1:148:A:CYS:H	18	0.17
(5,2474)	1:144:A:LEU:HD23	1:148:A:CYS:H	18	0.17
(5,2332)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	6	0.17
(5,2332)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	6	0.17
(5,2332)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	6	0.17
(5,2332)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	6	0.17
(5,2332)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	6	0.17
(5,2332)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	6	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2327)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	6	0.17
(5,2327)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	6	0.17
(5,2327)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	6	0.17
(5,2327)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	6	0.17
(5,2327)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	6	0.17
(5,2327)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	6	0.17
(5,2327)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	6	0.17
(5,2327)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	6	0.17
(5,2327)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	6	0.17
(5,2327)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	6	0.17
(5,2327)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	6	0.17
(5,2327)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	6	0.17
(5,2195)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	2	0.17
(5,2195)	1:58:A:ILE:HG13	1:62:A:HIS:HE1	2	0.17
(5,2179)	1:55:A:GLY:H	1:122:A:ASP:HB2	17	0.17
(5,2179)	1:55:A:GLY:H	1:122:A:ASP:HB3	17	0.17
(5,2173)	1:50:A:ALA:H	1:130:A:GLY:HA2	13	0.17
(5,2173)	1:50:A:ALA:H	1:130:A:GLY:HA3	13	0.17
(5,2148)	1:44:A:GLU:H	1:140:A:LEU:HD11	9	0.17
(5,2148)	1:44:A:GLU:H	1:140:A:LEU:HD12	9	0.17
(5,2148)	1:44:A:GLU:H	1:140:A:LEU:HD13	9	0.17
(5,2148)	1:44:A:GLU:H	1:140:A:LEU:HD21	9	0.17
(5,2148)	1:44:A:GLU:H	1:140:A:LEU:HD22	9	0.17
(5,2148)	1:44:A:GLU:H	1:140:A:LEU:HD23	9	0.17
(5,2120)	1:40:A:LEU:HB2	1:44:A:GLU:HG3	13	0.17
(5,2120)	1:40:A:LEU:HB3	1:44:A:GLU:HG3	13	0.17
(5,2059)	1:35:A:LEU:HD11	1:38:A:GLU:H	11	0.17
(5,2059)	1:35:A:LEU:HD12	1:38:A:GLU:H	11	0.17
(5,2059)	1:35:A:LEU:HD13	1:38:A:GLU:H	11	0.17
(5,2059)	1:35:A:LEU:HD21	1:38:A:GLU:H	11	0.17
(5,2059)	1:35:A:LEU:HD22	1:38:A:GLU:H	11	0.17
(5,2059)	1:35:A:LEU:HD23	1:38:A:GLU:H	11	0.17
(5,2030)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	14	0.17
(5,2030)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	14	0.17
(5,2030)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	14	0.17
(5,2030)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	14	0.17
(5,2030)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	14	0.17
(5,2030)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	14	0.17
(5,2030)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	14	0.17
(5,2030)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	14	0.17
(5,2030)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	14	0.17
(5,2030)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	14	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2030)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	14	0.17
(5,2030)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	14	0.17
(5,1987)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	9	0.17
(5,1987)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	9	0.17
(5,1987)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	9	0.17
(5,1987)	1:14:A:VAL:HG21	1:60:A:LEU:HD21	9	0.17
(5,1987)	1:14:A:VAL:HG21	1:60:A:LEU:HD22	9	0.17
(5,1987)	1:14:A:VAL:HG21	1:60:A:LEU:HD23	9	0.17
(5,1987)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	9	0.17
(5,1987)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	9	0.17
(5,1987)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	9	0.17
(5,1987)	1:14:A:VAL:HG22	1:60:A:LEU:HD21	9	0.17
(5,1987)	1:14:A:VAL:HG22	1:60:A:LEU:HD22	9	0.17
(5,1987)	1:14:A:VAL:HG22	1:60:A:LEU:HD23	9	0.17
(5,1987)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	9	0.17
(5,1987)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	9	0.17
(5,1987)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	9	0.17
(5,1987)	1:14:A:VAL:HG23	1:60:A:LEU:HD21	9	0.17
(5,1987)	1:14:A:VAL:HG23	1:60:A:LEU:HD22	9	0.17
(5,1987)	1:14:A:VAL:HG23	1:60:A:LEU:HD23	9	0.17
(5,1916)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	13	0.17
(5,1916)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	13	0.17
(5,1916)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	13	0.17
(5,1892)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	13	0.17
(5,1892)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	13	0.17
(5,1884)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	3	0.17
(5,1850)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	9	0.17
(5,1850)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	9	0.17
(5,1850)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	9	0.17
(5,1850)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	9	0.17
(5,1850)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	9	0.17
(5,1850)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	9	0.17
(5,1814)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	1	0.17
(5,1814)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	1	0.17
(5,1814)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	1	0.17
(5,1814)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	1	0.17
(5,1814)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	1	0.17
(5,1814)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	1	0.17
(5,1814)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	1	0.17
(5,1814)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	1	0.17
(5,1814)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	1	0.17
(5,1814)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	1	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1814)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	1	0.17
(5,1814)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	1	0.17
(5,1806)	1:80:A:TYR:H	1:80:A:TYR:HD1	6	0.17
(5,1806)	1:80:A:TYR:H	1:80:A:TYR:HD2	6	0.17
(5,1806)	1:80:A:TYR:H	1:80:A:TYR:HD1	9	0.17
(5,1806)	1:80:A:TYR:H	1:80:A:TYR:HD2	9	0.17
(5,1786)	1:141:A:LYS:HA	1:148:A:CYS:H	3	0.17
(5,1779)	1:36:A:PRO:HG2	1:37:A:LEU:HG	17	0.17
(5,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	15	0.17
(5,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	15	0.17
(5,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	15	0.17
(5,1620)	1:72:A:PHE:H	1:73:A:ILE:HG21	19	0.17
(5,1620)	1:72:A:PHE:H	1:73:A:ILE:HG22	19	0.17
(5,1620)	1:72:A:PHE:H	1:73:A:ILE:HG23	19	0.17
(5,1618)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	9	0.17
(5,1618)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	9	0.17
(5,1618)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	9	0.17
(5,1611)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	17	0.17
(5,1611)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	17	0.17
(5,1611)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	17	0.17
(5,1609)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	13	0.17
(5,1609)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	13	0.17
(5,1609)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	13	0.17
(5,1548)	1:69:A:MET:HE1	1:112:A:GLN:HG2	2	0.17
(5,1548)	1:69:A:MET:HE1	1:112:A:GLN:HG3	2	0.17
(5,1548)	1:69:A:MET:HE2	1:112:A:GLN:HG2	2	0.17
(5,1548)	1:69:A:MET:HE2	1:112:A:GLN:HG3	2	0.17
(5,1548)	1:69:A:MET:HE3	1:112:A:GLN:HG2	2	0.17
(5,1548)	1:69:A:MET:HE3	1:112:A:GLN:HG3	2	0.17
(5,1533)	1:65:A:CYS:H	1:69:A:MET:HE1	12	0.17
(5,1533)	1:65:A:CYS:H	1:69:A:MET:HE2	12	0.17
(5,1533)	1:65:A:CYS:H	1:69:A:MET:HE3	12	0.17
(5,1533)	1:65:A:CYS:H	1:69:A:MET:HE1	17	0.17
(5,1533)	1:65:A:CYS:H	1:69:A:MET:HE2	17	0.17
(5,1533)	1:65:A:CYS:H	1:69:A:MET:HE3	17	0.17
(5,1462)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	3	0.17
(5,1462)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	3	0.17
(5,1419)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	6	0.17
(5,1419)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	6	0.17
(5,1419)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	6	0.17
(5,1405)	1:94:A:ALA:HA	1:95:A:ILE:HB	15	0.17
(5,1364)	1:125:A:THR:HG21	1:128:A:LEU:HB2	19	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1364)	1:125:A:THR:HG22	1:128:A:LEU:HB2	19	0.17
(5,1364)	1:125:A:THR:HG23	1:128:A:LEU:HB2	19	0.17
(5,1293)	1:15:A:ALA:HA	1:131:A:LEU:HG	2	0.17
(5,1249)	1:39:A:VAL:HA	1:139:A:LEU:HD21	4	0.17
(5,1249)	1:39:A:VAL:HA	1:139:A:LEU:HD22	4	0.17
(5,1249)	1:39:A:VAL:HA	1:139:A:LEU:HD23	4	0.17
(5,1249)	1:39:A:VAL:HA	1:139:A:LEU:HD21	5	0.17
(5,1249)	1:39:A:VAL:HA	1:139:A:LEU:HD22	5	0.17
(5,1249)	1:39:A:VAL:HA	1:139:A:LEU:HD23	5	0.17
(5,1246)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	9	0.17
(5,1246)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	9	0.17
(5,1246)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	9	0.17
(5,1244)	1:139:A:LEU:H	1:139:A:LEU:HD21	13	0.17
(5,1244)	1:139:A:LEU:H	1:139:A:LEU:HD22	13	0.17
(5,1244)	1:139:A:LEU:H	1:139:A:LEU:HD23	13	0.17
(5,1232)	1:110:A:MET:HA	1:113:A:PHE:HB2	17	0.17
(5,1178)	1:140:A:LEU:HD21	1:144:A:LEU:H	13	0.17
(5,1178)	1:140:A:LEU:HD22	1:144:A:LEU:H	13	0.17
(5,1178)	1:140:A:LEU:HD23	1:144:A:LEU:H	13	0.17
(5,1167)	1:37:A:LEU:HA	1:37:A:LEU:HD21	17	0.17
(5,1167)	1:37:A:LEU:HA	1:37:A:LEU:HD22	17	0.17
(5,1167)	1:37:A:LEU:HA	1:37:A:LEU:HD23	17	0.17
(5,1139)	1:40:A:LEU:HA	1:40:A:LEU:HD21	19	0.17
(5,1139)	1:40:A:LEU:HA	1:40:A:LEU:HD22	19	0.17
(5,1139)	1:40:A:LEU:HA	1:40:A:LEU:HD23	19	0.17
(5,1131)	1:143:A:TRP:HA	1:143:A:TRP:HE3	3	0.17
(5,1059)	1:72:A:PHE:HA	1:109:A:PRO:HB2	4	0.17
(5,1059)	1:72:A:PHE:HA	1:109:A:PRO:HB3	4	0.17
(5,1056)	1:111:A:GLU:HA	1:114:A:ILE:HG12	15	0.17
(5,1047)	1:11:A:ILE:HA	1:11:A:ILE:HG12	18	0.17
(5,957)	1:96:A:VAL:HB	1:97:A:ASP:H	11	0.17
(5,942)	1:69:A:MET:HG2	1:109:A:PRO:HA	12	0.17
(5,914)	1:43:A:MET:HA	1:44:A:GLU:HG2	12	0.17
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD11	16	0.17
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD12	16	0.17
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD13	16	0.17
(5,787)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	7	0.17
(5,787)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	7	0.17
(5,787)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	7	0.17
(5,787)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	7	0.17
(5,787)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	7	0.17
(5,787)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	7	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,745)	1:103:A:ARG:HB2	1:103:A:ARG:HE	11	0.17
(5,745)	1:103:A:ARG:HB3	1:103:A:ARG:HE	11	0.17
(5,737)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	1	0.17
(5,737)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	1	0.17
(5,640)	1:66:A:THR:H	1:68:A:LYS:H	18	0.17
(5,619)	1:96:A:VAL:H	1:97:A:ASP:H	2	0.17
(5,501)	1:70:A:LYS:HE2	1:71:A:LYS:H	5	0.17
(5,501)	1:70:A:LYS:HE3	1:71:A:LYS:H	5	0.17
(5,496)	1:97:A:ASP:HA	1:105:A:LYS:H	3	0.17
(5,496)	1:97:A:ASP:HA	1:105:A:LYS:H	5	0.17
(5,362)	1:132:A:ALA:H	1:133:A:ASN:HD22	17	0.17
(5,347)	1:102:A:PRO:HA	1:104:A:PHE:H	6	0.17
(5,327)	1:122:A:ASP:H	1:123:A:CYS:HA	15	0.17
(5,320)	1:140:A:LEU:H	1:140:A:LEU:HG	19	0.17
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD11	14	0.17
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD12	14	0.17
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD13	14	0.17
(5,292)	1:128:A:LEU:HB3	1:129:A:LYS:H	9	0.17
(5,280)	1:50:A:ALA:H	1:52:A:CYS:H	12	0.17
(5,227)	1:10:A:ASN:H	1:13:A:ALA:HB1	12	0.17
(5,227)	1:10:A:ASN:H	1:13:A:ALA:HB2	12	0.17
(5,227)	1:10:A:ASN:H	1:13:A:ALA:HB3	12	0.17
(5,217)	1:9:A:PHE:HE1	1:10:A:ASN:H	9	0.17
(5,217)	1:9:A:PHE:HE2	1:10:A:ASN:H	9	0.17
(5,128)	1:12:A:VAL:H	1:13:A:ALA:HB1	6	0.17
(5,128)	1:12:A:VAL:H	1:13:A:ALA:HB2	6	0.17
(5,128)	1:12:A:VAL:H	1:13:A:ALA:HB3	6	0.17
(5,64)	1:13:A:ALA:HB1	1:81:A:GLU:H	8	0.17
(5,64)	1:13:A:ALA:HB2	1:81:A:GLU:H	8	0.17
(5,64)	1:13:A:ALA:HB3	1:81:A:GLU:H	8	0.17
(5,56)	1:117:A:VAL:H	1:118:A:ASP:HB2	1	0.17
(5,49)	1:98:A:ILE:H	1:101:A:ILE:HG21	6	0.17
(5,49)	1:98:A:ILE:H	1:101:A:ILE:HG22	6	0.17
(5,49)	1:98:A:ILE:H	1:101:A:ILE:HG23	6	0.17
(5,8)	1:63:A:ILE:HG13	1:64:A:LYS:H	3	0.17
(4,2471)	1:146:A:GLN:HA	1:146:A:GLN:HE21	18	0.17
(4,2471)	1:146:A:GLN:HA	1:146:A:GLN:HE22	18	0.17
(4,2464)	1:141:A:LYS:H	1:148:A:CYS:HB2	11	0.17
(4,2464)	1:141:A:LYS:H	1:148:A:CYS:HB3	11	0.17
(4,2348)	1:111:A:GLU:H	1:111:A:GLU:HG2	2	0.17
(4,2348)	1:111:A:GLU:H	1:111:A:GLU:HG3	2	0.17
(4,2348)	1:111:A:GLU:H	1:111:A:GLU:HG2	4	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2348)	1:111:A:GLU:H	1:111:A:GLU:HG3	4	0.17
(4,2348)	1:111:A:GLU:H	1:111:A:GLU:HG2	13	0.17
(4,2348)	1:111:A:GLU:H	1:111:A:GLU:HG3	13	0.17
(4,2331)	1:107:A:LEU:HD11	1:112:A:GLN:H	12	0.17
(4,2331)	1:107:A:LEU:HD12	1:112:A:GLN:H	12	0.17
(4,2331)	1:107:A:LEU:HD13	1:112:A:GLN:H	12	0.17
(4,2331)	1:107:A:LEU:HD21	1:112:A:GLN:H	12	0.17
(4,2331)	1:107:A:LEU:HD22	1:112:A:GLN:H	12	0.17
(4,2331)	1:107:A:LEU:HD23	1:112:A:GLN:H	12	0.17
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD11	12	0.17
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD12	12	0.17
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD13	12	0.17
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD21	12	0.17
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD22	12	0.17
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD23	12	0.17
(4,2320)	1:105:A:LYS:HG2	1:106:A:ASP:HA	7	0.17
(4,2320)	1:105:A:LYS:HG3	1:106:A:ASP:HA	7	0.17
(4,2294)	1:98:A:ILE:HD11	1:116:A:GLN:HE21	11	0.17
(4,2294)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	11	0.17
(4,2294)	1:98:A:ILE:HD12	1:116:A:GLN:HE21	11	0.17
(4,2294)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	11	0.17
(4,2294)	1:98:A:ILE:HD13	1:116:A:GLN:HE21	11	0.17
(4,2294)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	11	0.17
(4,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	7	0.17
(4,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	7	0.17
(4,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	7	0.17
(4,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	7	0.17
(4,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	7	0.17
(4,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	7	0.17
(4,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	7	0.17
(4,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	7	0.17
(4,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	7	0.17
(4,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	7	0.17
(4,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	7	0.17
(4,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	7	0.17
(4,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	7	0.17
(4,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	7	0.17
(4,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	7	0.17
(4,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	7	0.17
(4,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	7	0.17
(4,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	7	0.17
(4,2242)	1:70:A:LYS:H	1:70:A:LYS:HD2	5	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2242)	1:70:A:LYS:H	1:70:A:LYS:HD3	5	0.17
(4,2189)	1:57:A:LEU:HD11	1:60:A:LEU:H	16	0.17
(4,2189)	1:57:A:LEU:HD12	1:60:A:LEU:H	16	0.17
(4,2189)	1:57:A:LEU:HD13	1:60:A:LEU:H	16	0.17
(4,2189)	1:57:A:LEU:HD21	1:60:A:LEU:H	16	0.17
(4,2189)	1:57:A:LEU:HD22	1:60:A:LEU:H	16	0.17
(4,2189)	1:57:A:LEU:HD23	1:60:A:LEU:H	16	0.17
(4,2189)	1:57:A:LEU:HD11	1:60:A:LEU:H	18	0.17
(4,2189)	1:57:A:LEU:HD12	1:60:A:LEU:H	18	0.17
(4,2189)	1:57:A:LEU:HD13	1:60:A:LEU:H	18	0.17
(4,2189)	1:57:A:LEU:HD21	1:60:A:LEU:H	18	0.17
(4,2189)	1:57:A:LEU:HD22	1:60:A:LEU:H	18	0.17
(4,2189)	1:57:A:LEU:HD23	1:60:A:LEU:H	18	0.17
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD11	16	0.17
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD12	16	0.17
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD13	16	0.17
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD21	16	0.17
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD22	16	0.17
(4,2162)	1:47:A:ALA:HA	1:131:A:LEU:HD23	16	0.17
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD11	6	0.17
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD12	6	0.17
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD13	6	0.17
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD21	6	0.17
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD22	6	0.17
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD23	6	0.17
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD11	14	0.17
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD12	14	0.17
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD13	14	0.17
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD21	14	0.17
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD22	14	0.17
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD23	14	0.17
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG11	14	0.17
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG12	14	0.17
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG13	14	0.17
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG21	14	0.17
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG22	14	0.17
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG23	14	0.17
(4,1984)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	2	0.17
(4,1984)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	2	0.17
(4,1984)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	2	0.17
(4,1984)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	2	0.17
(4,1984)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	2	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1984)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	2	0.17
(4,1965)	1:13:A:ALA:H	1:40:A:LEU:HD11	10	0.17
(4,1965)	1:13:A:ALA:H	1:40:A:LEU:HD12	10	0.17
(4,1965)	1:13:A:ALA:H	1:40:A:LEU:HD13	10	0.17
(4,1965)	1:13:A:ALA:H	1:40:A:LEU:HD21	10	0.17
(4,1965)	1:13:A:ALA:H	1:40:A:LEU:HD22	10	0.17
(4,1965)	1:13:A:ALA:H	1:40:A:LEU:HD23	10	0.17
(4,1882)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	14	0.17
(4,1882)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	14	0.17
(4,1860)	1:104:A:PHE:HE1	1:115:A:ALA:H	5	0.17
(4,1860)	1:104:A:PHE:HE2	1:115:A:ALA:H	5	0.17
(4,1855)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	1	0.17
(4,1855)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	1	0.17
(4,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	17	0.17
(4,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	17	0.17
(4,1820)	1:61:A:SER:HA	1:62:A:HIS:HD2	5	0.17
(4,1797)	1:113:A:PHE:HD1	1:114:A:ILE:HD11	6	0.17
(4,1797)	1:113:A:PHE:HD1	1:114:A:ILE:HD12	6	0.17
(4,1797)	1:113:A:PHE:HD1	1:114:A:ILE:HD13	6	0.17
(4,1797)	1:113:A:PHE:HD2	1:114:A:ILE:HD11	6	0.17
(4,1797)	1:113:A:PHE:HD2	1:114:A:ILE:HD12	6	0.17
(4,1797)	1:113:A:PHE:HD2	1:114:A:ILE:HD13	6	0.17
(4,1735)	1:36:A:PRO:HG2	1:37:A:LEU:HG	17	0.17
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG21	14	0.17
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG22	14	0.17
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG23	14	0.17
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG21	14	0.17
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG22	14	0.17
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG23	14	0.17
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG21	14	0.17
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG22	14	0.17
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG23	14	0.17
(4,1698)	1:14:A:VAL:H	1:79:A:THR:HG21	14	0.17
(4,1698)	1:14:A:VAL:H	1:79:A:THR:HG22	14	0.17
(4,1698)	1:14:A:VAL:H	1:79:A:THR:HG23	14	0.17
(4,1675)	1:43:A:MET:HE1	1:135:A:GLN:H	11	0.17
(4,1675)	1:43:A:MET:HE2	1:135:A:GLN:H	11	0.17
(4,1675)	1:43:A:MET:HE3	1:135:A:GLN:H	11	0.17
(4,1655)	1:125:A:THR:HA	1:128:A:LEU:HA	10	0.17
(4,1655)	1:125:A:THR:HA	1:128:A:LEU:HA	15	0.17
(4,1655)	1:125:A:THR:HA	1:128:A:LEU:HA	17	0.17
(4,1655)	1:125:A:THR:HA	1:128:A:LEU:HA	18	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1585)	1:72:A:PHE:H	1:73:A:ILE:HG21	19	0.17
(4,1585)	1:72:A:PHE:H	1:73:A:ILE:HG22	19	0.17
(4,1585)	1:72:A:PHE:H	1:73:A:ILE:HG23	19	0.17
(4,1583)	1:120:A:CYS:H	1:121:A:VAL:HG21	6	0.17
(4,1583)	1:120:A:CYS:H	1:121:A:VAL:HG22	6	0.17
(4,1583)	1:120:A:CYS:H	1:121:A:VAL:HG23	6	0.17
(4,1562)	1:101:A:ILE:HD11	1:112:A:GLN:HA	5	0.17
(4,1562)	1:101:A:ILE:HD12	1:112:A:GLN:HA	5	0.17
(4,1562)	1:101:A:ILE:HD13	1:112:A:GLN:HA	5	0.17
(4,1561)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	2	0.17
(4,1561)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	2	0.17
(4,1561)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	2	0.17
(4,1561)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	2	0.17
(4,1561)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	2	0.17
(4,1561)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	2	0.17
(4,1561)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	2	0.17
(4,1561)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	2	0.17
(4,1561)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	2	0.17
(4,1527)	1:63:A:ILE:HG21	1:69:A:MET:HE1	17	0.17
(4,1527)	1:63:A:ILE:HG21	1:69:A:MET:HE2	17	0.17
(4,1527)	1:63:A:ILE:HG21	1:69:A:MET:HE3	17	0.17
(4,1527)	1:63:A:ILE:HG22	1:69:A:MET:HE1	17	0.17
(4,1527)	1:63:A:ILE:HG22	1:69:A:MET:HE2	17	0.17
(4,1527)	1:63:A:ILE:HG22	1:69:A:MET:HE3	17	0.17
(4,1527)	1:63:A:ILE:HG23	1:69:A:MET:HE1	17	0.17
(4,1527)	1:63:A:ILE:HG23	1:69:A:MET:HE2	17	0.17
(4,1527)	1:63:A:ILE:HG23	1:69:A:MET:HE3	17	0.17
(4,1498)	1:65:A:CYS:H	1:69:A:MET:HE1	12	0.17
(4,1498)	1:65:A:CYS:H	1:69:A:MET:HE2	12	0.17
(4,1498)	1:65:A:CYS:H	1:69:A:MET:HE3	12	0.17
(4,1498)	1:65:A:CYS:H	1:69:A:MET:HE1	17	0.17
(4,1498)	1:65:A:CYS:H	1:69:A:MET:HE2	17	0.17
(4,1498)	1:65:A:CYS:H	1:69:A:MET:HE3	17	0.17
(4,1491)	1:98:A:ILE:HG21	1:101:A:ILE:HB	16	0.17
(4,1491)	1:98:A:ILE:HG22	1:101:A:ILE:HB	16	0.17
(4,1491)	1:98:A:ILE:HG23	1:101:A:ILE:HB	16	0.17
(4,1478)	1:114:A:ILE:HG21	1:117:A:VAL:HB	13	0.17
(4,1478)	1:114:A:ILE:HG22	1:117:A:VAL:HB	13	0.17
(4,1478)	1:114:A:ILE:HG23	1:117:A:VAL:HB	13	0.17
(4,1457)	1:101:A:ILE:HG21	1:115:A:ALA:H	8	0.17
(4,1457)	1:101:A:ILE:HG22	1:115:A:ALA:H	8	0.17
(4,1457)	1:101:A:ILE:HG23	1:115:A:ALA:H	8	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1443)	1:14:A:VAL:HB	1:15:A:ALA:HB1	3	0.17
(4,1443)	1:14:A:VAL:HB	1:15:A:ALA:HB2	3	0.17
(4,1443)	1:14:A:VAL:HB	1:15:A:ALA:HB3	3	0.17
(4,1443)	1:14:A:VAL:HB	1:15:A:ALA:HB1	9	0.17
(4,1443)	1:14:A:VAL:HB	1:15:A:ALA:HB2	9	0.17
(4,1443)	1:14:A:VAL:HB	1:15:A:ALA:HB3	9	0.17
(4,1441)	1:13:A:ALA:HB1	1:79:A:THR:HB	11	0.17
(4,1441)	1:13:A:ALA:HB2	1:79:A:THR:HB	11	0.17
(4,1441)	1:13:A:ALA:HB3	1:79:A:THR:HB	11	0.17
(4,1426)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	15	0.17
(4,1426)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	15	0.17
(4,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	19	0.17
(4,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	19	0.17
(4,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	19	0.17
(4,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	19	0.17
(4,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	19	0.17
(4,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	19	0.17
(4,1366)	1:94:A:ALA:HA	1:95:A:ILE:HB	15	0.17
(4,1329)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	19	0.17
(4,1329)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	19	0.17
(4,1329)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	19	0.17
(4,1329)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	19	0.17
(4,1329)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	19	0.17
(4,1329)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	19	0.17
(4,1318)	1:131:A:LEU:H	1:131:A:LEU:HD21	5	0.17
(4,1318)	1:131:A:LEU:H	1:131:A:LEU:HD22	5	0.17
(4,1318)	1:131:A:LEU:H	1:131:A:LEU:HD23	5	0.17
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD21	1	0.17
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD22	1	0.17
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD23	1	0.17
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD21	12	0.17
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD22	12	0.17
(4,1297)	1:125:A:THR:H	1:128:A:LEU:HD23	12	0.17
(4,1269)	1:128:A:LEU:HD21	1:129:A:LYS:H	8	0.17
(4,1269)	1:128:A:LEU:HD22	1:129:A:LYS:H	8	0.17
(4,1269)	1:128:A:LEU:HD23	1:129:A:LYS:H	8	0.17
(4,1235)	1:23:A:LEU:HA	1:23:A:LEU:HD11	11	0.17
(4,1235)	1:23:A:LEU:HA	1:23:A:LEU:HD12	11	0.17
(4,1235)	1:23:A:LEU:HA	1:23:A:LEU:HD13	11	0.17
(4,1216)	1:39:A:VAL:HA	1:139:A:LEU:HD21	4	0.17
(4,1216)	1:39:A:VAL:HA	1:139:A:LEU:HD22	4	0.17
(4,1216)	1:39:A:VAL:HA	1:139:A:LEU:HD23	4	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1216)	1:39:A:VAL:HA	1:139:A:LEU:HD21	5	0.17
(4,1216)	1:39:A:VAL:HA	1:139:A:LEU:HD22	5	0.17
(4,1216)	1:39:A:VAL:HA	1:139:A:LEU:HD23	5	0.17
(4,1214)	1:39:A:VAL:H	1:139:A:LEU:HD21	16	0.17
(4,1214)	1:39:A:VAL:H	1:139:A:LEU:HD22	16	0.17
(4,1214)	1:39:A:VAL:H	1:139:A:LEU:HD23	16	0.17
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD11	8	0.17
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD12	8	0.17
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD13	8	0.17
(4,1170)	1:23:A:LEU:HA	1:23:A:LEU:HD21	5	0.17
(4,1170)	1:23:A:LEU:HA	1:23:A:LEU:HD22	5	0.17
(4,1170)	1:23:A:LEU:HA	1:23:A:LEU:HD23	5	0.17
(4,1168)	1:23:A:LEU:HD21	1:24:A:ASP:H	16	0.17
(4,1168)	1:23:A:LEU:HD22	1:24:A:ASP:H	16	0.17
(4,1168)	1:23:A:LEU:HD23	1:24:A:ASP:H	16	0.17
(4,1138)	1:37:A:LEU:HA	1:37:A:LEU:HD21	17	0.17
(4,1138)	1:37:A:LEU:HA	1:37:A:LEU:HD22	17	0.17
(4,1138)	1:37:A:LEU:HA	1:37:A:LEU:HD23	17	0.17
(4,1051)	1:38:A:GLU:HA	1:42:A:GLU:H	1	0.17
(4,1051)	1:38:A:GLU:HA	1:42:A:GLU:H	14	0.17
(4,1051)	1:38:A:GLU:HA	1:42:A:GLU:H	16	0.17
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB1	13	0.17
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB2	13	0.17
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB3	13	0.17
(4,838)	1:48:A:ARG:HA	1:48:A:ARG:HD2	11	0.17
(4,838)	1:48:A:ARG:HA	1:48:A:ARG:HD3	11	0.17
(4,836)	1:48:A:ARG:H	1:48:A:ARG:HD2	5	0.17
(4,836)	1:48:A:ARG:H	1:48:A:ARG:HD3	5	0.17
(4,810)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	8	0.17
(4,810)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	8	0.17
(4,810)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	8	0.17
(4,730)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	1	0.17
(4,730)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	1	0.17
(4,660)	1:101:A:ILE:HD11	1:116:A:GLN:H	6	0.17
(4,660)	1:101:A:ILE:HD12	1:116:A:GLN:H	6	0.17
(4,660)	1:101:A:ILE:HD13	1:116:A:GLN:H	6	0.17
(4,596)	1:55:A:GLY:H	1:58:A:ILE:HD11	17	0.17
(4,596)	1:55:A:GLY:H	1:58:A:ILE:HD12	17	0.17
(4,596)	1:55:A:GLY:H	1:58:A:ILE:HD13	17	0.17
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB2	5	0.17
(4,577)	1:126:A:GLY:H	1:129:A:LYS:HB3	5	0.17
(4,504)	1:67:A:PRO:HB2	1:71:A:LYS:H	11	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,504)	1:67:A:PRO:HB3	1:71:A:LYS:H	11	0.17
(4,496)	1:97:A:ASP:HA	1:105:A:LYS:H	3	0.17
(4,496)	1:97:A:ASP:HA	1:105:A:LYS:H	5	0.17
(4,358)	1:132:A:ALA:H	1:133:A:ASN:HD22	17	0.17
(4,342)	1:102:A:PRO:HA	1:104:A:PHE:H	6	0.17
(4,225)	1:44:A:GLU:HG3	1:48:A:ARG:H	2	0.17
(4,217)	1:9:A:PHE:HE1	1:10:A:ASN:H	12	0.17
(4,217)	1:9:A:PHE:HE2	1:10:A:ASN:H	12	0.17
(4,147)	1:131:A:LEU:H	1:131:A:LEU:HG	14	0.17
(4,131)	1:12:A:VAL:H	1:13:A:ALA:HB1	6	0.17
(4,131)	1:12:A:VAL:H	1:13:A:ALA:HB2	6	0.17
(4,131)	1:12:A:VAL:H	1:13:A:ALA:HB3	6	0.17
(4,55)	1:98:A:ILE:H	1:101:A:ILE:HG21	6	0.17
(4,55)	1:98:A:ILE:H	1:101:A:ILE:HG22	6	0.17
(4,55)	1:98:A:ILE:H	1:101:A:ILE:HG23	6	0.17
(4,8)	1:63:A:ILE:HG13	1:64:A:LYS:H	3	0.17
(3,2507)	1:146:A:GLN:HA	1:146:A:GLN:HE21	18	0.17
(3,2507)	1:146:A:GLN:HA	1:146:A:GLN:HE22	18	0.17
(3,2399)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	1	0.17
(3,2399)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	1	0.17
(3,2399)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	1	0.17
(3,2399)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	1	0.17
(3,2399)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	1	0.17
(3,2399)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	1	0.17
(3,2317)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	10	0.17
(3,2317)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	10	0.17
(3,2317)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	10	0.17
(3,2317)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	10	0.17
(3,2317)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	10	0.17
(3,2317)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	10	0.17
(3,2175)	1:44:A:GLU:H	1:140:A:LEU:HD11	9	0.17
(3,2175)	1:44:A:GLU:H	1:140:A:LEU:HD12	9	0.17
(3,2175)	1:44:A:GLU:H	1:140:A:LEU:HD13	9	0.17
(3,2175)	1:44:A:GLU:H	1:140:A:LEU:HD21	9	0.17
(3,2175)	1:44:A:GLU:H	1:140:A:LEU:HD22	9	0.17
(3,2175)	1:44:A:GLU:H	1:140:A:LEU:HD23	9	0.17
(3,2126)	1:39:A:VAL:H	1:139:A:LEU:HD11	13	0.17
(3,2126)	1:39:A:VAL:H	1:139:A:LEU:HD12	13	0.17
(3,2126)	1:39:A:VAL:H	1:139:A:LEU:HD13	13	0.17
(3,2126)	1:39:A:VAL:H	1:139:A:LEU:HD21	13	0.17
(3,2126)	1:39:A:VAL:H	1:139:A:LEU:HD22	13	0.17
(3,2126)	1:39:A:VAL:H	1:139:A:LEU:HD23	13	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2086)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	13	0.17
(3,2086)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	13	0.17
(3,2086)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	13	0.17
(3,2086)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	13	0.17
(3,2045)	1:17:A:ASN:HD21	1:79:A:THR:H	10	0.17
(3,2045)	1:17:A:ASN:HD22	1:79:A:THR:H	10	0.17
(3,1994)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	7	0.17
(3,1994)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	7	0.17
(3,1994)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	7	0.17
(3,1994)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	7	0.17
(3,1994)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	7	0.17
(3,1994)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	7	0.17
(3,1994)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	7	0.17
(3,1994)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	7	0.17
(3,1994)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	7	0.17
(3,1994)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	7	0.17
(3,1994)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	7	0.17
(3,1994)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	7	0.17
(3,1994)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	7	0.17
(3,1994)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	7	0.17
(3,1994)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	7	0.17
(3,1994)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	7	0.17
(3,1994)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	7	0.17
(3,1994)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	7	0.17
(3,1972)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	4	0.17
(3,1972)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	4	0.17
(3,1972)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	4	0.17
(3,1972)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	4	0.17
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	14	0.17
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	14	0.17
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	14	0.17
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	14	0.17
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	14	0.17
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	14	0.17
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE1	9	0.17
(3,1909)	1:68:A:LYS:HA	1:72:A:PHE:HE2	9	0.17
(3,1904)	1:14:A:VAL:HA	1:18:A:PHE:HD1	14	0.17
(3,1904)	1:14:A:VAL:HA	1:18:A:PHE:HD2	14	0.17
(3,1878)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	15	0.17
(3,1878)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	15	0.17
(3,1870)	1:61:A:SER:HA	1:62:A:HIS:HD2	5	0.17
(3,1847)	1:9:A:PHE:HZ	1:54:A:ARG:HE	16	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1846)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	10	0.17
(3,1846)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	10	0.17
(3,1846)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	10	0.17
(3,1846)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	10	0.17
(3,1846)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	10	0.17
(3,1846)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	10	0.17
(3,1798)	1:97:A:ASP:HA	1:105:A:LYS:HA	2	0.17
(3,1786)	1:36:A:PRO:HG2	1:37:A:LEU:HG	17	0.17
(3,1751)	1:14:A:VAL:H	1:79:A:THR:HG21	14	0.17
(3,1751)	1:14:A:VAL:H	1:79:A:THR:HG22	14	0.17
(3,1751)	1:14:A:VAL:H	1:79:A:THR:HG23	14	0.17
(3,1685)	1:134:A:VAL:HG21	1:137:A:SER:H	3	0.17
(3,1685)	1:134:A:VAL:HG22	1:137:A:SER:H	3	0.17
(3,1685)	1:134:A:VAL:HG23	1:137:A:SER:H	3	0.17
(3,1639)	1:73:A:ILE:HG21	1:76:A:ARG:H	15	0.17
(3,1639)	1:73:A:ILE:HG22	1:76:A:ARG:H	15	0.17
(3,1639)	1:73:A:ILE:HG23	1:76:A:ARG:H	15	0.17
(3,1612)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	2	0.17
(3,1612)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	2	0.17
(3,1612)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	2	0.17
(3,1612)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	2	0.17
(3,1612)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	2	0.17
(3,1612)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	2	0.17
(3,1612)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	2	0.17
(3,1612)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	2	0.17
(3,1612)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	2	0.17
(3,1580)	1:40:A:LEU:HD11	1:43:A:MET:H	11	0.17
(3,1580)	1:40:A:LEU:HD12	1:43:A:MET:H	11	0.17
(3,1580)	1:40:A:LEU:HD13	1:43:A:MET:H	11	0.17
(3,1577)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	7	0.17
(3,1577)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	7	0.17
(3,1577)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	7	0.17
(3,1577)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	7	0.17
(3,1577)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	7	0.17
(3,1577)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	7	0.17
(3,1577)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	18	0.17
(3,1577)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	18	0.17
(3,1577)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	18	0.17
(3,1577)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	18	0.17
(3,1577)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	18	0.17
(3,1577)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	18	0.17
(3,1551)	1:110:A:MET:HE1	1:113:A:PHE:HA	19	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1551)	1:110:A:MET:HE2	1:113:A:PHE:HA	19	0.17
(3,1551)	1:110:A:MET:HE3	1:113:A:PHE:HA	19	0.17
(3,1541)	1:65:A:CYS:H	1:69:A:MET:HE1	12	0.17
(3,1541)	1:65:A:CYS:H	1:69:A:MET:HE2	12	0.17
(3,1541)	1:65:A:CYS:H	1:69:A:MET:HE3	12	0.17
(3,1541)	1:65:A:CYS:H	1:69:A:MET:HE1	17	0.17
(3,1541)	1:65:A:CYS:H	1:69:A:MET:HE2	17	0.17
(3,1541)	1:65:A:CYS:H	1:69:A:MET:HE3	17	0.17
(3,1534)	1:98:A:ILE:HG21	1:119:A:LEU:HG	10	0.17
(3,1534)	1:98:A:ILE:HG22	1:119:A:LEU:HG	10	0.17
(3,1534)	1:98:A:ILE:HG23	1:119:A:LEU:HG	10	0.17
(3,1502)	1:101:A:ILE:HG21	1:115:A:ALA:H	8	0.17
(3,1502)	1:101:A:ILE:HG22	1:115:A:ALA:H	8	0.17
(3,1502)	1:101:A:ILE:HG23	1:115:A:ALA:H	8	0.17
(3,1483)	1:13:A:ALA:HB1	1:61:A:SER:HA	1	0.17
(3,1483)	1:13:A:ALA:HB2	1:61:A:SER:HA	1	0.17
(3,1483)	1:13:A:ALA:HB3	1:61:A:SER:HA	1	0.17
(3,1442)	1:73:A:ILE:HG21	1:110:A:MET:HG2	14	0.17
(3,1442)	1:73:A:ILE:HG21	1:110:A:MET:HG3	14	0.17
(3,1442)	1:73:A:ILE:HG22	1:110:A:MET:HG2	14	0.17
(3,1442)	1:73:A:ILE:HG22	1:110:A:MET:HG3	14	0.17
(3,1442)	1:73:A:ILE:HG23	1:110:A:MET:HG2	14	0.17
(3,1442)	1:73:A:ILE:HG23	1:110:A:MET:HG3	14	0.17
(3,1362)	1:131:A:LEU:H	1:131:A:LEU:HD21	5	0.17
(3,1362)	1:131:A:LEU:H	1:131:A:LEU:HD22	5	0.17
(3,1362)	1:131:A:LEU:H	1:131:A:LEU:HD23	5	0.17
(3,1248)	1:144:A:LEU:HD21	1:145:A:PRO:HD2	6	0.17
(3,1248)	1:144:A:LEU:HD22	1:145:A:PRO:HD2	6	0.17
(3,1248)	1:144:A:LEU:HD23	1:145:A:PRO:HD2	6	0.17
(3,1242)	1:110:A:MET:HA	1:113:A:PHE:HB2	17	0.17
(3,1225)	1:41:A:LYS:HA	1:41:A:LYS:HG2	16	0.17
(3,1188)	1:140:A:LEU:HD21	1:144:A:LEU:H	13	0.17
(3,1188)	1:140:A:LEU:HD22	1:144:A:LEU:H	13	0.17
(3,1188)	1:140:A:LEU:HD23	1:144:A:LEU:H	13	0.17
(3,1142)	1:143:A:TRP:HA	1:143:A:TRP:HE3	3	0.17
(3,1064)	1:111:A:GLU:HA	1:114:A:ILE:HG12	15	0.17
(3,1056)	1:11:A:ILE:HA	1:11:A:ILE:HG12	18	0.17
(3,1053)	1:63:A:ILE:H	1:63:A:ILE:HG12	11	0.17
(3,973)	1:96:A:VAL:HB	1:97:A:ASP:H	11	0.17
(3,966)	1:39:A:VAL:HA	1:140:A:LEU:HD11	2	0.17
(3,966)	1:39:A:VAL:HA	1:140:A:LEU:HD12	2	0.17
(3,966)	1:39:A:VAL:HA	1:140:A:LEU:HD13	2	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,960)	1:67:A:PRO:HA	1:70:A:LYS:HB2	17	0.17
(3,960)	1:67:A:PRO:HA	1:70:A:LYS:HB3	17	0.17
(3,955)	1:69:A:MET:HG2	1:109:A:PRO:HA	12	0.17
(3,912)	1:94:A:ALA:HA	1:95:A:ILE:HB	4	0.17
(3,812)	1:11:A:ILE:HD11	1:47:A:ALA:HB1	13	0.17
(3,812)	1:11:A:ILE:HD11	1:47:A:ALA:HB2	13	0.17
(3,812)	1:11:A:ILE:HD11	1:47:A:ALA:HB3	13	0.17
(3,812)	1:11:A:ILE:HD12	1:47:A:ALA:HB1	13	0.17
(3,812)	1:11:A:ILE:HD12	1:47:A:ALA:HB2	13	0.17
(3,812)	1:11:A:ILE:HD12	1:47:A:ALA:HB3	13	0.17
(3,812)	1:11:A:ILE:HD13	1:47:A:ALA:HB1	13	0.17
(3,812)	1:11:A:ILE:HD13	1:47:A:ALA:HB2	13	0.17
(3,812)	1:11:A:ILE:HD13	1:47:A:ALA:HB3	13	0.17
(3,796)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	11	0.17
(3,796)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	11	0.17
(3,796)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	11	0.17
(3,796)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	11	0.17
(3,796)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	11	0.17
(3,796)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	11	0.17
(3,763)	1:103:A:ARG:HB2	1:103:A:ARG:HE	11	0.17
(3,763)	1:103:A:ARG:HB3	1:103:A:ARG:HE	11	0.17
(3,756)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	1	0.17
(3,756)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	1	0.17
(3,737)	1:73:A:ILE:HG21	1:76:A:ARG:HE	2	0.17
(3,737)	1:73:A:ILE:HG22	1:76:A:ARG:HE	2	0.17
(3,737)	1:73:A:ILE:HG23	1:76:A:ARG:HE	2	0.17
(3,678)	1:116:A:GLN:HG3	1:117:A:VAL:H	19	0.17
(3,677)	1:101:A:ILE:HD11	1:116:A:GLN:H	6	0.17
(3,677)	1:101:A:ILE:HD12	1:116:A:GLN:H	6	0.17
(3,677)	1:101:A:ILE:HD13	1:116:A:GLN:H	6	0.17
(3,608)	1:55:A:GLY:H	1:58:A:ILE:HD11	17	0.17
(3,608)	1:55:A:GLY:H	1:58:A:ILE:HD12	17	0.17
(3,608)	1:55:A:GLY:H	1:58:A:ILE:HD13	17	0.17
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB2	5	0.17
(3,591)	1:126:A:GLY:H	1:129:A:LYS:HB3	5	0.17
(3,515)	1:67:A:PRO:HB2	1:71:A:LYS:H	11	0.17
(3,515)	1:67:A:PRO:HB3	1:71:A:LYS:H	11	0.17
(3,509)	1:97:A:ASP:HA	1:105:A:LYS:H	3	0.17
(3,509)	1:97:A:ASP:HA	1:105:A:LYS:H	5	0.17
(3,506)	1:68:A:LYS:H	1:71:A:LYS:H	4	0.17
(3,506)	1:68:A:LYS:H	1:71:A:LYS:H	14	0.17
(3,376)	1:41:A:LYS:H	1:44:A:GLU:HG2	10	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,371)	1:132:A:ALA:H	1:133:A:ASN:HD22	17	0.17
(3,343)	1:123:A:CYS:H	1:123:A:CYS:HB3	12	0.17
(3,285)	1:50:A:ALA:H	1:52:A:CYS:H	12	0.17
(3,282)	1:73:A:ILE:HD11	1:112:A:GLN:H	11	0.17
(3,282)	1:73:A:ILE:HD12	1:112:A:GLN:H	11	0.17
(3,282)	1:73:A:ILE:HD13	1:112:A:GLN:H	11	0.17
(3,242)	1:23:A:LEU:HD11	1:24:A:ASP:H	15	0.17
(3,242)	1:23:A:LEU:HD12	1:24:A:ASP:H	15	0.17
(3,242)	1:23:A:LEU:HD13	1:24:A:ASP:H	15	0.17
(3,222)	1:9:A:PHE:HE1	1:10:A:ASN:H	12	0.17
(3,222)	1:9:A:PHE:HE2	1:10:A:ASN:H	12	0.17
(3,188)	1:58:A:ILE:HG21	1:60:A:LEU:H	3	0.17
(3,188)	1:58:A:ILE:HG22	1:60:A:LEU:H	3	0.17
(3,188)	1:58:A:ILE:HG23	1:60:A:LEU:H	3	0.17
(3,165)	1:94:A:ALA:HB1	1:95:A:ILE:H	10	0.17
(3,165)	1:94:A:ALA:HB2	1:95:A:ILE:H	10	0.17
(3,165)	1:94:A:ALA:HB3	1:95:A:ILE:H	10	0.17
(3,149)	1:131:A:LEU:H	1:131:A:LEU:HG	14	0.17
(3,132)	1:12:A:VAL:H	1:13:A:ALA:HB1	6	0.17
(3,132)	1:12:A:VAL:H	1:13:A:ALA:HB2	6	0.17
(3,132)	1:12:A:VAL:H	1:13:A:ALA:HB3	6	0.17
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD11	10	0.17
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD12	10	0.17
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD13	10	0.17
(3,69)	1:13:A:ALA:HB1	1:81:A:GLU:H	8	0.17
(3,69)	1:13:A:ALA:HB2	1:81:A:GLU:H	8	0.17
(3,69)	1:13:A:ALA:HB3	1:81:A:GLU:H	8	0.17
(3,62)	1:117:A:VAL:H	1:118:A:ASP:HB2	1	0.17
(3,54)	1:98:A:ILE:H	1:101:A:ILE:HG21	6	0.17
(3,54)	1:98:A:ILE:H	1:101:A:ILE:HG22	6	0.17
(3,54)	1:98:A:ILE:H	1:101:A:ILE:HG23	6	0.17
(3,10)	1:63:A:ILE:HG13	1:64:A:LYS:H	3	0.17
(2,2470)	1:142:A:LYS:HG2	1:143:A:TRP:HE1	3	0.17
(2,2470)	1:142:A:LYS:HG3	1:143:A:TRP:HE1	3	0.17
(2,2465)	1:141:A:LYS:H	1:148:A:CYS:HB2	11	0.17
(2,2465)	1:141:A:LYS:H	1:148:A:CYS:HB3	11	0.17
(2,2440)	1:137:A:SER:HB2	1:140:A:LEU:HB2	14	0.17
(2,2440)	1:137:A:SER:HB3	1:140:A:LEU:HB2	14	0.17
(2,2347)	1:107:A:LEU:HA	1:108:A:GLU:HG2	16	0.17
(2,2347)	1:107:A:LEU:HA	1:108:A:GLU:HG3	16	0.17
(2,2319)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	9	0.17
(2,2319)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	9	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2319)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	9	0.17
(2,2319)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	9	0.17
(2,2319)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	9	0.17
(2,2319)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	9	0.17
(2,2319)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	9	0.17
(2,2319)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	9	0.17
(2,2319)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	9	0.17
(2,2319)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	9	0.17
(2,2319)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	9	0.17
(2,2319)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	9	0.17
(2,2319)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	9	0.17
(2,2319)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	9	0.17
(2,2319)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	9	0.17
(2,2319)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	9	0.17
(2,2319)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	9	0.17
(2,2319)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	9	0.17
(2,2318)	1:98:A:ILE:HD11	1:116:A:GLN:HE21	11	0.17
(2,2318)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	11	0.17
(2,2318)	1:98:A:ILE:HD12	1:116:A:GLN:HE21	11	0.17
(2,2318)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	11	0.17
(2,2318)	1:98:A:ILE:HD13	1:116:A:GLN:HE21	11	0.17
(2,2318)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	11	0.17
(2,2270)	1:69:A:MET:HG2	1:109:A:PRO:HA	19	0.17
(2,2270)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.17
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	12	0.17
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	12	0.17
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	12	0.17
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	12	0.17
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	12	0.17
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	12	0.17
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	12	0.17
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	12	0.17
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	12	0.17
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	12	0.17
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	12	0.17
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	12	0.17
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	12	0.17
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	12	0.17
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	12	0.17
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	12	0.17
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	12	0.17
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	12	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2150)	1:41:A:LYS:HA	1:44:A:GLU:HG2	9	0.17
(2,2150)	1:41:A:LYS:HA	1:44:A:GLU:HG3	9	0.17
(2,2129)	1:39:A:VAL:HG11	1:143:A:TRP:H	13	0.17
(2,2129)	1:39:A:VAL:HG12	1:143:A:TRP:H	13	0.17
(2,2129)	1:39:A:VAL:HG13	1:143:A:TRP:H	13	0.17
(2,2129)	1:39:A:VAL:HG21	1:143:A:TRP:H	13	0.17
(2,2129)	1:39:A:VAL:HG22	1:143:A:TRP:H	13	0.17
(2,2129)	1:39:A:VAL:HG23	1:143:A:TRP:H	13	0.17
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD11	13	0.17
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD12	13	0.17
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD13	13	0.17
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD21	13	0.17
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD22	13	0.17
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD23	13	0.17
(2,1969)	1:10:A:ASN:HD21	1:12:A:VAL:HG11	3	0.17
(2,1969)	1:10:A:ASN:HD21	1:12:A:VAL:HG12	3	0.17
(2,1969)	1:10:A:ASN:HD21	1:12:A:VAL:HG13	3	0.17
(2,1969)	1:10:A:ASN:HD21	1:12:A:VAL:HG21	3	0.17
(2,1969)	1:10:A:ASN:HD21	1:12:A:VAL:HG22	3	0.17
(2,1969)	1:10:A:ASN:HD21	1:12:A:VAL:HG23	3	0.17
(2,1969)	1:10:A:ASN:HD22	1:12:A:VAL:HG11	3	0.17
(2,1969)	1:10:A:ASN:HD22	1:12:A:VAL:HG12	3	0.17
(2,1969)	1:10:A:ASN:HD22	1:12:A:VAL:HG13	3	0.17
(2,1969)	1:10:A:ASN:HD22	1:12:A:VAL:HG21	3	0.17
(2,1969)	1:10:A:ASN:HD22	1:12:A:VAL:HG22	3	0.17
(2,1969)	1:10:A:ASN:HD22	1:12:A:VAL:HG23	3	0.17
(2,1917)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	13	0.17
(2,1917)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	13	0.17
(2,1917)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	13	0.17
(2,1867)	1:61:A:SER:HA	1:62:A:HIS:HD2	5	0.17
(2,1845)	1:9:A:PHE:HZ	1:54:A:ARG:HE	1	0.17
(2,1813)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	19	0.17
(2,1813)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	19	0.17
(2,1813)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	19	0.17
(2,1813)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	19	0.17
(2,1813)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	19	0.17
(2,1813)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	19	0.17
(2,1805)	1:13:A:ALA:H	1:80:A:TYR:HD1	14	0.17
(2,1805)	1:13:A:ALA:H	1:80:A:TYR:HD2	14	0.17
(2,1772)	1:36:A:PRO:HG2	1:37:A:LEU:HG	17	0.17
(2,1665)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	9	0.17
(2,1665)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	9	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1665)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	9	0.17
(2,1665)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	9	0.17
(2,1665)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	9	0.17
(2,1665)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	9	0.17
(2,1624)	1:126:A:GLY:H	1:128:A:LEU:HD11	6	0.17
(2,1624)	1:126:A:GLY:H	1:128:A:LEU:HD12	6	0.17
(2,1624)	1:126:A:GLY:H	1:128:A:LEU:HD13	6	0.17
(2,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	11	0.17
(2,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	11	0.17
(2,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	11	0.17
(2,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	11	0.17
(2,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	11	0.17
(2,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	11	0.17
(2,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	15	0.17
(2,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	15	0.17
(2,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	15	0.17
(2,1620)	1:72:A:PHE:H	1:73:A:ILE:HG21	19	0.17
(2,1620)	1:72:A:PHE:H	1:73:A:ILE:HG22	19	0.17
(2,1620)	1:72:A:PHE:H	1:73:A:ILE:HG23	19	0.17
(2,1618)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	9	0.17
(2,1618)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	9	0.17
(2,1618)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	9	0.17
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	18	0.17
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	18	0.17
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	18	0.17
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	18	0.17
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	18	0.17
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	18	0.17
(2,1593)	1:63:A:ILE:HD11	1:98:A:ILE:HD11	2	0.17
(2,1593)	1:63:A:ILE:HD11	1:98:A:ILE:HD12	2	0.17
(2,1593)	1:63:A:ILE:HD11	1:98:A:ILE:HD13	2	0.17
(2,1593)	1:63:A:ILE:HD12	1:98:A:ILE:HD11	2	0.17
(2,1593)	1:63:A:ILE:HD12	1:98:A:ILE:HD12	2	0.17
(2,1593)	1:63:A:ILE:HD12	1:98:A:ILE:HD13	2	0.17
(2,1593)	1:63:A:ILE:HD13	1:98:A:ILE:HD11	2	0.17
(2,1593)	1:63:A:ILE:HD13	1:98:A:ILE:HD12	2	0.17
(2,1593)	1:63:A:ILE:HD13	1:98:A:ILE:HD13	2	0.17
(2,1573)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	6	0.17
(2,1573)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	6	0.17
(2,1573)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	6	0.17
(2,1573)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	6	0.17
(2,1573)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	6	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1573)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	6	0.17
(2,1527)	1:110:A:MET:HE1	1:113:A:PHE:HA	19	0.17
(2,1527)	1:110:A:MET:HE2	1:113:A:PHE:HA	19	0.17
(2,1527)	1:110:A:MET:HE3	1:113:A:PHE:HA	19	0.17
(2,1518)	1:65:A:CYS:H	1:69:A:MET:HE1	12	0.17
(2,1518)	1:65:A:CYS:H	1:69:A:MET:HE2	12	0.17
(2,1518)	1:65:A:CYS:H	1:69:A:MET:HE3	12	0.17
(2,1518)	1:65:A:CYS:H	1:69:A:MET:HE1	17	0.17
(2,1518)	1:65:A:CYS:H	1:69:A:MET:HE2	17	0.17
(2,1518)	1:65:A:CYS:H	1:69:A:MET:HE3	17	0.17
(2,1500)	1:114:A:ILE:HG21	1:117:A:VAL:HB	13	0.17
(2,1500)	1:114:A:ILE:HG22	1:117:A:VAL:HB	13	0.17
(2,1500)	1:114:A:ILE:HG23	1:117:A:VAL:HB	13	0.17
(2,1482)	1:101:A:ILE:HG21	1:115:A:ALA:H	8	0.17
(2,1482)	1:101:A:ILE:HG22	1:115:A:ALA:H	8	0.17
(2,1482)	1:101:A:ILE:HG23	1:115:A:ALA:H	8	0.17
(2,1467)	1:13:A:ALA:HB1	1:79:A:THR:HB	11	0.17
(2,1467)	1:13:A:ALA:HB2	1:79:A:THR:HB	11	0.17
(2,1467)	1:13:A:ALA:HB3	1:79:A:THR:HB	11	0.17
(2,1449)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	3	0.17
(2,1449)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	3	0.17
(2,1389)	1:94:A:ALA:HA	1:95:A:ILE:HB	15	0.17
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG11	9	0.17
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG12	9	0.17
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG13	9	0.17
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG11	17	0.17
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG12	17	0.17
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG13	17	0.17
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG11	19	0.17
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG12	19	0.17
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG13	19	0.17
(2,1348)	1:125:A:THR:HG21	1:129:A:LYS:HB2	11	0.17
(2,1348)	1:125:A:THR:HG21	1:129:A:LYS:HB3	11	0.17
(2,1348)	1:125:A:THR:HG22	1:129:A:LYS:HB2	11	0.17
(2,1348)	1:125:A:THR:HG22	1:129:A:LYS:HB3	11	0.17
(2,1348)	1:125:A:THR:HG23	1:129:A:LYS:HB2	11	0.17
(2,1348)	1:125:A:THR:HG23	1:129:A:LYS:HB3	11	0.17
(2,1342)	1:117:A:VAL:HG11	1:118:A:ASP:H	2	0.17
(2,1342)	1:117:A:VAL:HG12	1:118:A:ASP:H	2	0.17
(2,1342)	1:117:A:VAL:HG13	1:118:A:ASP:H	2	0.17
(2,1313)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	8	0.17
(2,1313)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	8	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1313)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	8	0.17
(2,1313)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	8	0.17
(2,1313)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	8	0.17
(2,1313)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	8	0.17
(2,1313)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	8	0.17
(2,1313)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	8	0.17
(2,1313)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	8	0.17
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD11	8	0.17
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD12	8	0.17
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD13	8	0.17
(2,1215)	1:110:A:MET:HA	1:113:A:PHE:HB2	17	0.17
(2,1199)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	13	0.17
(2,1199)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	13	0.17
(2,1199)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	13	0.17
(2,1193)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	11	0.17
(2,1193)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	11	0.17
(2,1193)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	11	0.17
(2,1193)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	11	0.17
(2,1193)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	11	0.17
(2,1193)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	11	0.17
(2,1193)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	11	0.17
(2,1193)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	11	0.17
(2,1193)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	11	0.17
(2,1161)	1:140:A:LEU:HD21	1:144:A:LEU:H	13	0.17
(2,1161)	1:140:A:LEU:HD22	1:144:A:LEU:H	13	0.17
(2,1161)	1:140:A:LEU:HD23	1:144:A:LEU:H	13	0.17
(2,1125)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	14	0.17
(2,1125)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	14	0.17
(2,1125)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	14	0.17
(2,1125)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	14	0.17
(2,1125)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	14	0.17
(2,1125)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	14	0.17
(2,1040)	1:111:A:GLU:HA	1:114:A:ILE:HG12	15	0.17
(2,1033)	1:11:A:ILE:HA	1:11:A:ILE:HG12	18	0.17
(2,1010)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	14	0.17
(2,1010)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	14	0.17
(2,1008)	1:34:A:LYS:H	1:81:A:GLU:HB2	8	0.17
(2,968)	1:47:A:ALA:HB1	1:134:A:VAL:HB	16	0.17
(2,968)	1:47:A:ALA:HB2	1:134:A:VAL:HB	16	0.17
(2,968)	1:47:A:ALA:HB3	1:134:A:VAL:HB	16	0.17
(2,830)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	19	0.17
(2,830)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	19	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,830)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	19	0.17
(2,830)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	19	0.17
(2,830)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	19	0.17
(2,830)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	19	0.17
(2,830)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	19	0.17
(2,830)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	19	0.17
(2,830)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	19	0.17
(2,829)	1:69:A:MET:HE1	1:114:A:ILE:HD11	5	0.17
(2,829)	1:69:A:MET:HE1	1:114:A:ILE:HD12	5	0.17
(2,829)	1:69:A:MET:HE1	1:114:A:ILE:HD13	5	0.17
(2,829)	1:69:A:MET:HE2	1:114:A:ILE:HD11	5	0.17
(2,829)	1:69:A:MET:HE2	1:114:A:ILE:HD12	5	0.17
(2,829)	1:69:A:MET:HE2	1:114:A:ILE:HD13	5	0.17
(2,829)	1:69:A:MET:HE3	1:114:A:ILE:HD11	5	0.17
(2,829)	1:69:A:MET:HE3	1:114:A:ILE:HD12	5	0.17
(2,829)	1:69:A:MET:HE3	1:114:A:ILE:HD13	5	0.17
(2,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	11	0.17
(2,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	11	0.17
(2,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	11	0.17
(2,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	11	0.17
(2,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	11	0.17
(2,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	11	0.17
(2,745)	1:103:A:ARG:HB2	1:103:A:ARG:HE	11	0.17
(2,745)	1:103:A:ARG:HB3	1:103:A:ARG:HE	11	0.17
(2,668)	1:101:A:ILE:HD11	1:116:A:GLN:H	6	0.17
(2,668)	1:101:A:ILE:HD12	1:116:A:GLN:H	6	0.17
(2,668)	1:101:A:ILE:HD13	1:116:A:GLN:H	6	0.17
(2,640)	1:66:A:THR:H	1:70:A:LYS:H	5	0.17
(2,603)	1:55:A:GLY:H	1:58:A:ILE:HD11	17	0.17
(2,603)	1:55:A:GLY:H	1:58:A:ILE:HD12	17	0.17
(2,603)	1:55:A:GLY:H	1:58:A:ILE:HD13	17	0.17
(2,592)	1:25:A:ALA:HA	1:28:A:GLY:H	17	0.17
(2,540)	1:60:A:LEU:HD11	1:61:A:SER:H	13	0.17
(2,540)	1:60:A:LEU:HD12	1:61:A:SER:H	13	0.17
(2,540)	1:60:A:LEU:HD13	1:61:A:SER:H	13	0.17
(2,538)	1:60:A:LEU:HD21	1:61:A:SER:H	4	0.17
(2,538)	1:60:A:LEU:HD22	1:61:A:SER:H	4	0.17
(2,538)	1:60:A:LEU:HD23	1:61:A:SER:H	4	0.17
(2,504)	1:97:A:ASP:HA	1:105:A:LYS:H	3	0.17
(2,504)	1:97:A:ASP:HA	1:105:A:LYS:H	5	0.17
(2,412)	1:125:A:THR:H	1:125:A:THR:HB	1	0.17
(2,338)	1:123:A:CYS:H	1:123:A:CYS:HB3	12	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,311)	1:43:A:MET:H	1:140:A:LEU:HD11	2	0.17
(2,311)	1:43:A:MET:H	1:140:A:LEU:HD12	2	0.17
(2,311)	1:43:A:MET:H	1:140:A:LEU:HD13	2	0.17
(2,282)	1:50:A:ALA:H	1:52:A:CYS:H	12	0.17
(2,236)	1:47:A:ALA:HB1	1:50:A:ALA:H	11	0.17
(2,236)	1:47:A:ALA:HB2	1:50:A:ALA:H	11	0.17
(2,236)	1:47:A:ALA:HB3	1:50:A:ALA:H	11	0.17
(2,164)	1:94:A:ALA:HB1	1:95:A:ILE:H	10	0.17
(2,164)	1:94:A:ALA:HB2	1:95:A:ILE:H	10	0.17
(2,164)	1:94:A:ALA:HB3	1:95:A:ILE:H	10	0.17
(2,122)	1:48:A:ARG:HD2	1:49:A:LYS:H	12	0.17
(2,122)	1:48:A:ARG:HD3	1:49:A:LYS:H	12	0.17
(2,89)	1:96:A:VAL:H	1:97:A:ASP:H	9	0.17
(2,89)	1:96:A:VAL:H	1:97:A:ASP:H	12	0.17
(2,59)	1:117:A:VAL:H	1:118:A:ASP:HB2	1	0.17
(2,49)	1:98:A:ILE:H	1:101:A:ILE:HG21	6	0.17
(2,49)	1:98:A:ILE:H	1:101:A:ILE:HG22	6	0.17
(2,49)	1:98:A:ILE:H	1:101:A:ILE:HG23	6	0.17
(2,46)	1:47:A:ALA:H	1:48:A:ARG:HB2	1	0.17
(2,46)	1:47:A:ALA:H	1:48:A:ARG:HB3	1	0.17
(2,25)	1:10:A:ASN:HB3	1:13:A:ALA:H	18	0.17
(1,2402)	1:134:A:VAL:HG11	1:137:A:SER:H	4	0.17
(1,2402)	1:134:A:VAL:HG12	1:137:A:SER:H	4	0.17
(1,2402)	1:134:A:VAL:HG13	1:137:A:SER:H	4	0.17
(1,2402)	1:134:A:VAL:HG21	1:137:A:SER:H	4	0.17
(1,2402)	1:134:A:VAL:HG22	1:137:A:SER:H	4	0.17
(1,2402)	1:134:A:VAL:HG23	1:137:A:SER:H	4	0.17
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD11	10	0.17
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD12	10	0.17
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD13	10	0.17
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD21	10	0.17
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD22	10	0.17
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD23	10	0.17
(1,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	13	0.17
(1,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	13	0.17
(1,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	13	0.17
(1,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	13	0.17
(1,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	13	0.17
(1,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	13	0.17
(1,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	13	0.17
(1,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	13	0.17
(1,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	13	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	13	0.17
(1,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	13	0.17
(1,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	13	0.17
(1,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	16	0.17
(1,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	16	0.17
(1,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	16	0.17
(1,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	16	0.17
(1,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	16	0.17
(1,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	16	0.17
(1,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	16	0.17
(1,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	16	0.17
(1,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	16	0.17
(1,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	16	0.17
(1,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	16	0.17
(1,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	16	0.17
(1,2149)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	2	0.17
(1,2149)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	2	0.17
(1,2149)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	2	0.17
(1,2149)	1:47:A:ALA:HB1	1:57:A:LEU:HD21	2	0.17
(1,2149)	1:47:A:ALA:HB1	1:57:A:LEU:HD22	2	0.17
(1,2149)	1:47:A:ALA:HB1	1:57:A:LEU:HD23	2	0.17
(1,2149)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	2	0.17
(1,2149)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	2	0.17
(1,2149)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	2	0.17
(1,2149)	1:47:A:ALA:HB2	1:57:A:LEU:HD21	2	0.17
(1,2149)	1:47:A:ALA:HB2	1:57:A:LEU:HD22	2	0.17
(1,2149)	1:47:A:ALA:HB2	1:57:A:LEU:HD23	2	0.17
(1,2149)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	2	0.17
(1,2149)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	2	0.17
(1,2149)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	2	0.17
(1,2149)	1:47:A:ALA:HB3	1:57:A:LEU:HD21	2	0.17
(1,2149)	1:47:A:ALA:HB3	1:57:A:LEU:HD22	2	0.17
(1,2149)	1:47:A:ALA:HB3	1:57:A:LEU:HD23	2	0.17
(1,2140)	1:44:A:GLU:H	1:140:A:LEU:HD11	9	0.17
(1,2140)	1:44:A:GLU:H	1:140:A:LEU:HD12	9	0.17
(1,2140)	1:44:A:GLU:H	1:140:A:LEU:HD13	9	0.17
(1,2140)	1:44:A:GLU:H	1:140:A:LEU:HD21	9	0.17
(1,2140)	1:44:A:GLU:H	1:140:A:LEU:HD22	9	0.17
(1,2140)	1:44:A:GLU:H	1:140:A:LEU:HD23	9	0.17
(1,2126)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	15	0.17
(1,2126)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	15	0.17
(1,2126)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	15	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2126)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	15	0.17
(1,2126)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	15	0.17
(1,2126)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	15	0.17
(1,2126)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	15	0.17
(1,2126)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	15	0.17
(1,2126)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	15	0.17
(1,2126)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	15	0.17
(1,2126)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	15	0.17
(1,2126)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	15	0.17
(1,2101)	1:39:A:VAL:HG11	1:41:A:LYS:H	12	0.17
(1,2101)	1:39:A:VAL:HG12	1:41:A:LYS:H	12	0.17
(1,2101)	1:39:A:VAL:HG13	1:41:A:LYS:H	12	0.17
(1,2101)	1:39:A:VAL:HG21	1:41:A:LYS:H	12	0.17
(1,2101)	1:39:A:VAL:HG22	1:41:A:LYS:H	12	0.17
(1,2101)	1:39:A:VAL:HG23	1:41:A:LYS:H	12	0.17
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD11	8	0.17
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD12	8	0.17
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD13	8	0.17
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD21	8	0.17
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD22	8	0.17
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD23	8	0.17
(1,2096)	1:39:A:VAL:HA	1:139:A:LEU:HD11	4	0.17
(1,2096)	1:39:A:VAL:HA	1:139:A:LEU:HD12	4	0.17
(1,2096)	1:39:A:VAL:HA	1:139:A:LEU:HD13	4	0.17
(1,2096)	1:39:A:VAL:HA	1:139:A:LEU:HD21	4	0.17
(1,2096)	1:39:A:VAL:HA	1:139:A:LEU:HD22	4	0.17
(1,2096)	1:39:A:VAL:HA	1:139:A:LEU:HD23	4	0.17
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD11	6	0.17
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD12	6	0.17
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD13	6	0.17
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD21	6	0.17
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD22	6	0.17
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD23	6	0.17
(1,2074)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	16	0.17
(1,2074)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	16	0.17
(1,2074)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	16	0.17
(1,2074)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	16	0.17
(1,2074)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	16	0.17
(1,2074)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	16	0.17
(1,2044)	1:28:A:GLY:HA2	1:30:A:LEU:HD11	2	0.17
(1,2044)	1:28:A:GLY:HA2	1:30:A:LEU:HD12	2	0.17
(1,2044)	1:28:A:GLY:HA2	1:30:A:LEU:HD13	2	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2044)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	2	0.17
(1,2044)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	2	0.17
(1,2044)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	2	0.17
(1,2044)	1:28:A:GLY:HA3	1:30:A:LEU:HD11	2	0.17
(1,2044)	1:28:A:GLY:HA3	1:30:A:LEU:HD12	2	0.17
(1,2044)	1:28:A:GLY:HA3	1:30:A:LEU:HD13	2	0.17
(1,2044)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	2	0.17
(1,2044)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	2	0.17
(1,2044)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	2	0.17
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG11	5	0.17
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG12	5	0.17
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG13	5	0.17
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG21	5	0.17
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG22	5	0.17
(1,2001)	1:17:A:ASN:HD21	1:117:A:VAL:HG23	5	0.17
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG11	5	0.17
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG12	5	0.17
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG13	5	0.17
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG21	5	0.17
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG22	5	0.17
(1,2001)	1:17:A:ASN:HD22	1:117:A:VAL:HG23	5	0.17
(1,1987)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	2	0.17
(1,1987)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	2	0.17
(1,1987)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	2	0.17
(1,1987)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	2	0.17
(1,1987)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	2	0.17
(1,1987)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	2	0.17
(1,1987)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	2	0.17
(1,1987)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	2	0.17
(1,1987)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	2	0.17
(1,1987)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	2	0.17
(1,1987)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	2	0.17
(1,1987)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	2	0.17
(1,1987)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	2	0.17
(1,1987)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	2	0.17
(1,1987)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	2	0.17
(1,1987)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	2	0.17
(1,1987)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	2	0.17
(1,1987)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	2	0.17
(1,1894)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	1	0.17
(1,1894)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	1	0.17
(1,1882)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	1	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1882)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	1	0.17
(1,1880)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	13	0.17
(1,1880)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	13	0.17
(1,1876)	1:18:A:PHE:HD1	1:113:A:PHE:HE1	10	0.17
(1,1876)	1:18:A:PHE:HD1	1:113:A:PHE:HE2	10	0.17
(1,1876)	1:18:A:PHE:HD2	1:113:A:PHE:HE1	10	0.17
(1,1876)	1:18:A:PHE:HD2	1:113:A:PHE:HE2	10	0.17
(1,1865)	1:142:A:LYS:HE2	1:143:A:TRP:HZ2	15	0.17
(1,1865)	1:142:A:LYS:HE3	1:143:A:TRP:HZ2	15	0.17
(1,1860)	1:80:A:TYR:HE1	1:81:A:GLU:HB3	9	0.17
(1,1860)	1:80:A:TYR:HE2	1:81:A:GLU:HB3	9	0.17
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE1	15	0.17
(1,1837)	1:18:A:PHE:HE1	1:113:A:PHE:HE2	15	0.17
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE1	15	0.17
(1,1837)	1:18:A:PHE:HE2	1:113:A:PHE:HE2	15	0.17
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	3	0.17
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	3	0.17
(1,1834)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	3	0.17
(1,1769)	1:36:A:PRO:HG2	1:37:A:LEU:HG	17	0.17
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE1	17	0.17
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE2	17	0.17
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE3	17	0.17
(1,1620)	1:73:A:ILE:HG21	1:76:A:ARG:H	15	0.17
(1,1620)	1:73:A:ILE:HG22	1:76:A:ARG:H	15	0.17
(1,1620)	1:73:A:ILE:HG23	1:76:A:ARG:H	15	0.17
(1,1617)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	9	0.17
(1,1617)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	9	0.17
(1,1617)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	9	0.17
(1,1575)	1:110:A:MET:HB2	1:114:A:ILE:HD11	13	0.17
(1,1575)	1:110:A:MET:HB2	1:114:A:ILE:HD12	13	0.17
(1,1575)	1:110:A:MET:HB2	1:114:A:ILE:HD13	13	0.17
(1,1556)	1:63:A:ILE:HG21	1:69:A:MET:HE1	17	0.17
(1,1556)	1:63:A:ILE:HG21	1:69:A:MET:HE2	17	0.17
(1,1556)	1:63:A:ILE:HG21	1:69:A:MET:HE3	17	0.17
(1,1556)	1:63:A:ILE:HG22	1:69:A:MET:HE1	17	0.17
(1,1556)	1:63:A:ILE:HG22	1:69:A:MET:HE2	17	0.17
(1,1556)	1:63:A:ILE:HG22	1:69:A:MET:HE3	17	0.17
(1,1556)	1:63:A:ILE:HG23	1:69:A:MET:HE1	17	0.17
(1,1556)	1:63:A:ILE:HG23	1:69:A:MET:HE2	17	0.17
(1,1556)	1:63:A:ILE:HG23	1:69:A:MET:HE3	17	0.17
(1,1521)	1:43:A:MET:HE1	1:46:A:ASN:HB2	17	0.17
(1,1521)	1:43:A:MET:HE2	1:46:A:ASN:HB2	17	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1521)	1:43:A:MET:HE3	1:46:A:ASN:HB2	17	0.17
(1,1516)	1:43:A:MET:HE1	1:44:A:GLU:HA	17	0.17
(1,1516)	1:43:A:MET:HE2	1:44:A:GLU:HA	17	0.17
(1,1516)	1:43:A:MET:HE3	1:44:A:GLU:HA	17	0.17
(1,1507)	1:114:A:ILE:HG21	1:117:A:VAL:HB	13	0.17
(1,1507)	1:114:A:ILE:HG22	1:117:A:VAL:HB	13	0.17
(1,1507)	1:114:A:ILE:HG23	1:117:A:VAL:HB	13	0.17
(1,1484)	1:101:A:ILE:HG21	1:115:A:ALA:H	8	0.17
(1,1484)	1:101:A:ILE:HG22	1:115:A:ALA:H	8	0.17
(1,1484)	1:101:A:ILE:HG23	1:115:A:ALA:H	8	0.17
(1,1426)	1:73:A:ILE:HG21	1:110:A:MET:HG2	14	0.17
(1,1426)	1:73:A:ILE:HG21	1:110:A:MET:HG3	14	0.17
(1,1426)	1:73:A:ILE:HG22	1:110:A:MET:HG2	14	0.17
(1,1426)	1:73:A:ILE:HG22	1:110:A:MET:HG3	14	0.17
(1,1426)	1:73:A:ILE:HG23	1:110:A:MET:HG2	14	0.17
(1,1426)	1:73:A:ILE:HG23	1:110:A:MET:HG3	14	0.17
(1,1424)	1:73:A:ILE:HG21	1:113:A:PHE:HB3	4	0.17
(1,1424)	1:73:A:ILE:HG22	1:113:A:PHE:HB3	4	0.17
(1,1424)	1:73:A:ILE:HG23	1:113:A:PHE:HB3	4	0.17
(1,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	19	0.17
(1,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	19	0.17
(1,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	19	0.17
(1,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	19	0.17
(1,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	19	0.17
(1,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	19	0.17
(1,1241)	1:39:A:VAL:HA	1:139:A:LEU:HD21	4	0.17
(1,1241)	1:39:A:VAL:HA	1:139:A:LEU:HD22	4	0.17
(1,1241)	1:39:A:VAL:HA	1:139:A:LEU:HD23	4	0.17
(1,1241)	1:39:A:VAL:HA	1:139:A:LEU:HD21	5	0.17
(1,1241)	1:39:A:VAL:HA	1:139:A:LEU:HD22	5	0.17
(1,1241)	1:39:A:VAL:HA	1:139:A:LEU:HD23	5	0.17
(1,1222)	1:110:A:MET:HA	1:113:A:PHE:HB2	17	0.17
(1,1219)	1:11:A:ILE:HD11	1:131:A:LEU:HA	2	0.17
(1,1219)	1:11:A:ILE:HD12	1:131:A:LEU:HA	2	0.17
(1,1219)	1:11:A:ILE:HD13	1:131:A:LEU:HA	2	0.17
(1,1196)	1:23:A:LEU:HA	1:23:A:LEU:HD21	3	0.17
(1,1196)	1:23:A:LEU:HA	1:23:A:LEU:HD22	3	0.17
(1,1196)	1:23:A:LEU:HA	1:23:A:LEU:HD23	3	0.17
(1,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	3	0.17
(1,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	3	0.17
(1,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	3	0.17
(1,1131)	1:143:A:TRP:HA	1:143:A:TRP:HE3	3	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1095)	1:45:A:ALA:HA	1:48:A:ARG:HG2	9	0.17
(1,1095)	1:45:A:ALA:HA	1:48:A:ARG:HG3	9	0.17
(1,1050)	1:11:A:ILE:HA	1:11:A:ILE:HG12	18	0.17
(1,973)	1:12:A:VAL:HA	1:43:A:MET:HG2	4	0.17
(1,968)	1:11:A:ILE:HD11	1:12:A:VAL:HA	4	0.17
(1,968)	1:11:A:ILE:HD12	1:12:A:VAL:HA	4	0.17
(1,968)	1:11:A:ILE:HD13	1:12:A:VAL:HA	4	0.17
(1,964)	1:67:A:PRO:HA	1:70:A:LYS:HB2	17	0.17
(1,964)	1:67:A:PRO:HA	1:70:A:LYS:HB3	17	0.17
(1,959)	1:69:A:MET:HG2	1:109:A:PRO:HA	12	0.17
(1,947)	1:81:A:GLU:H	1:81:A:GLU:HG2	16	0.17
(1,947)	1:81:A:GLU:H	1:81:A:GLU:HG3	16	0.17
(1,936)	1:43:A:MET:HA	1:44:A:GLU:HG2	12	0.17
(1,825)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	18	0.17
(1,825)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	18	0.17
(1,825)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	18	0.17
(1,815)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	17	0.17
(1,815)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	17	0.17
(1,815)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	17	0.17
(1,754)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	6	0.17
(1,754)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	17	0.17
(1,679)	1:116:A:GLN:HG3	1:117:A:VAL:H	19	0.17
(1,662)	1:96:A:VAL:HA	1:116:A:GLN:HE22	6	0.17
(1,509)	1:97:A:ASP:HA	1:105:A:LYS:H	3	0.17
(1,509)	1:97:A:ASP:HA	1:105:A:LYS:H	5	0.17
(1,415)	1:125:A:THR:H	1:125:A:THR:HB	1	0.17
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD21	1	0.17
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD22	1	0.17
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD23	1	0.17
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD21	12	0.17
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD22	12	0.17
(1,410)	1:125:A:THR:H	1:128:A:LEU:HD23	12	0.17
(1,373)	1:132:A:ALA:H	1:133:A:ASN:HD22	17	0.17
(1,346)	1:123:A:CYS:H	1:123:A:CYS:HB3	12	0.17
(1,340)	1:57:A:LEU:H	1:58:A:ILE:HG13	13	0.17
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE1	9	0.17
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE2	9	0.17
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE3	9	0.17
(1,233)	1:9:A:PHE:HE1	1:10:A:ASN:H	12	0.17
(1,233)	1:9:A:PHE:HE2	1:10:A:ASN:H	12	0.17
(1,160)	1:131:A:LEU:H	1:131:A:LEU:HG	14	0.17
(1,71)	1:13:A:ALA:HB1	1:81:A:GLU:H	8	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,71)	1:13:A:ALA:HB2	1:81:A:GLU:H	8	0.17
(1,71)	1:13:A:ALA:HB3	1:81:A:GLU:H	8	0.17
(1,32)	1:35:A:LEU:H	1:35:A:LEU:HG	1	0.17
(34,2439)	1:131:A:LEU:HD11	1:134:A:VAL:HB	10	0.16
(34,2439)	1:131:A:LEU:HD12	1:134:A:VAL:HB	10	0.16
(34,2439)	1:131:A:LEU:HD13	1:134:A:VAL:HB	10	0.16
(34,2439)	1:131:A:LEU:HD21	1:134:A:VAL:HB	10	0.16
(34,2439)	1:131:A:LEU:HD22	1:134:A:VAL:HB	10	0.16
(34,2439)	1:131:A:LEU:HD23	1:134:A:VAL:HB	10	0.16
(34,2412)	1:126:A:GLY:H	1:128:A:LEU:HD11	5	0.16
(34,2412)	1:126:A:GLY:H	1:128:A:LEU:HD12	5	0.16
(34,2412)	1:126:A:GLY:H	1:128:A:LEU:HD13	5	0.16
(34,2412)	1:126:A:GLY:H	1:128:A:LEU:HD21	5	0.16
(34,2412)	1:126:A:GLY:H	1:128:A:LEU:HD22	5	0.16
(34,2412)	1:126:A:GLY:H	1:128:A:LEU:HD23	5	0.16
(34,2395)	1:119:A:LEU:HD11	1:121:A:VAL:H	19	0.16
(34,2395)	1:119:A:LEU:HD12	1:121:A:VAL:H	19	0.16
(34,2395)	1:119:A:LEU:HD13	1:121:A:VAL:H	19	0.16
(34,2395)	1:119:A:LEU:HD21	1:121:A:VAL:H	19	0.16
(34,2395)	1:119:A:LEU:HD22	1:121:A:VAL:H	19	0.16
(34,2395)	1:119:A:LEU:HD23	1:121:A:VAL:H	19	0.16
(34,2338)	1:107:A:LEU:HD11	1:112:A:GLN:HA	6	0.16
(34,2338)	1:107:A:LEU:HD12	1:112:A:GLN:HA	6	0.16
(34,2338)	1:107:A:LEU:HD13	1:112:A:GLN:HA	6	0.16
(34,2338)	1:107:A:LEU:HD21	1:112:A:GLN:HA	6	0.16
(34,2338)	1:107:A:LEU:HD22	1:112:A:GLN:HA	6	0.16
(34,2338)	1:107:A:LEU:HD23	1:112:A:GLN:HA	6	0.16
(34,2337)	1:107:A:LEU:HD11	1:112:A:GLN:H	1	0.16
(34,2337)	1:107:A:LEU:HD12	1:112:A:GLN:H	1	0.16
(34,2337)	1:107:A:LEU:HD13	1:112:A:GLN:H	1	0.16
(34,2337)	1:107:A:LEU:HD21	1:112:A:GLN:H	1	0.16
(34,2337)	1:107:A:LEU:HD22	1:112:A:GLN:H	1	0.16
(34,2337)	1:107:A:LEU:HD23	1:112:A:GLN:H	1	0.16
(34,2279)	1:80:A:TYR:HD1	1:81:A:GLU:HB2	14	0.16
(34,2279)	1:80:A:TYR:HD1	1:81:A:GLU:HB3	14	0.16
(34,2279)	1:80:A:TYR:HD2	1:81:A:GLU:HB2	14	0.16
(34,2279)	1:80:A:TYR:HD2	1:81:A:GLU:HB3	14	0.16
(34,2246)	1:70:A:LYS:H	1:70:A:LYS:HD2	5	0.16
(34,2246)	1:70:A:LYS:H	1:70:A:LYS:HD3	5	0.16
(34,2239)	1:69:A:MET:HG2	1:72:A:PHE:HB2	17	0.16
(34,2239)	1:69:A:MET:HG3	1:72:A:PHE:HB2	17	0.16
(34,2217)	1:64:A:LYS:H	1:116:A:GLN:HE21	14	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2217)	1:64:A:LYS:H	1:116:A:GLN:HE22	14	0.16
(34,2189)	1:54:A:ARG:HB2	1:58:A:ILE:HD11	12	0.16
(34,2189)	1:54:A:ARG:HB2	1:58:A:ILE:HD12	12	0.16
(34,2189)	1:54:A:ARG:HB2	1:58:A:ILE:HD13	12	0.16
(34,2189)	1:54:A:ARG:HB3	1:58:A:ILE:HD11	12	0.16
(34,2189)	1:54:A:ARG:HB3	1:58:A:ILE:HD12	12	0.16
(34,2189)	1:54:A:ARG:HB3	1:58:A:ILE:HD13	12	0.16
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD11	6	0.16
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD12	6	0.16
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD13	6	0.16
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD21	6	0.16
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD22	6	0.16
(34,2165)	1:47:A:ALA:H	1:131:A:LEU:HD23	6	0.16
(34,2000)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	3	0.16
(34,2000)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	3	0.16
(34,2000)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	3	0.16
(34,2000)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	3	0.16
(34,2000)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	3	0.16
(34,2000)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	3	0.16
(34,2000)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	3	0.16
(34,2000)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	3	0.16
(34,2000)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	3	0.16
(34,2000)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	3	0.16
(34,2000)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	3	0.16
(34,2000)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	3	0.16
(34,2000)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	3	0.16
(34,2000)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	3	0.16
(34,2000)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	3	0.16
(34,2000)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	3	0.16
(34,2000)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	3	0.16
(34,2000)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	3	0.16
(34,1995)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	4	0.16
(34,1995)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	4	0.16
(34,1995)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	4	0.16
(34,1995)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	4	0.16
(34,1995)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	4	0.16
(34,1995)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	4	0.16
(34,1995)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	4	0.16
(34,1995)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	4	0.16
(34,1995)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	4	0.16
(34,1995)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	4	0.16
(34,1995)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	4	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1995)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	4	0.16
(34,1994)	1:14:A:VAL:HG11	1:18:A:PHE:HA	1	0.16
(34,1994)	1:14:A:VAL:HG12	1:18:A:PHE:HA	1	0.16
(34,1994)	1:14:A:VAL:HG13	1:18:A:PHE:HA	1	0.16
(34,1994)	1:14:A:VAL:HG21	1:18:A:PHE:HA	1	0.16
(34,1994)	1:14:A:VAL:HG22	1:18:A:PHE:HA	1	0.16
(34,1994)	1:14:A:VAL:HG23	1:18:A:PHE:HA	1	0.16
(34,1968)	1:12:A:VAL:HA	1:40:A:LEU:HD11	19	0.16
(34,1968)	1:12:A:VAL:HA	1:40:A:LEU:HD12	19	0.16
(34,1968)	1:12:A:VAL:HA	1:40:A:LEU:HD13	19	0.16
(34,1968)	1:12:A:VAL:HA	1:40:A:LEU:HD21	19	0.16
(34,1968)	1:12:A:VAL:HA	1:40:A:LEU:HD22	19	0.16
(34,1968)	1:12:A:VAL:HA	1:40:A:LEU:HD23	19	0.16
(34,1921)	1:58:A:ILE:HA	1:62:A:HIS:HE1	15	0.16
(34,1913)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	15	0.16
(34,1913)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	15	0.16
(34,1913)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	15	0.16
(34,1913)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	15	0.16
(34,1913)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	15	0.16
(34,1913)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	15	0.16
(34,1889)	1:68:A:LYS:HA	1:72:A:PHE:HE1	11	0.16
(34,1889)	1:68:A:LYS:HA	1:72:A:PHE:HE2	11	0.16
(34,1885)	1:71:A:LYS:HA	1:72:A:PHE:HD1	6	0.16
(34,1885)	1:71:A:LYS:HA	1:72:A:PHE:HD2	6	0.16
(34,1875)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	8	0.16
(34,1875)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	8	0.16
(34,1863)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	6	0.16
(34,1863)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	6	0.16
(34,1841)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	9	0.16
(34,1828)	1:113:A:PHE:HD1	1:114:A:ILE:HD11	6	0.16
(34,1828)	1:113:A:PHE:HD1	1:114:A:ILE:HD12	6	0.16
(34,1828)	1:113:A:PHE:HD1	1:114:A:ILE:HD13	6	0.16
(34,1828)	1:113:A:PHE:HD2	1:114:A:ILE:HD11	6	0.16
(34,1828)	1:113:A:PHE:HD2	1:114:A:ILE:HD12	6	0.16
(34,1828)	1:113:A:PHE:HD2	1:114:A:ILE:HD13	6	0.16
(34,1801)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	5	0.16
(34,1801)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	5	0.16
(34,1762)	1:36:A:PRO:HA	1:37:A:LEU:HG	4	0.16
(34,1762)	1:36:A:PRO:HA	1:37:A:LEU:HG	14	0.16
(34,1688)	1:125:A:THR:HA	1:128:A:LEU:HA	3	0.16
(34,1642)	1:34:A:LYS:H	1:80:A:TYR:HA	11	0.16
(34,1624)	1:73:A:ILE:HG21	1:76:A:ARG:HE	18	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1624)	1:73:A:ILE:HG22	1:76:A:ARG:HE	18	0.16
(34,1624)	1:73:A:ILE:HG23	1:76:A:ARG:HE	18	0.16
(34,1619)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	4	0.16
(34,1619)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	4	0.16
(34,1619)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	4	0.16
(34,1618)	1:120:A:CYS:H	1:121:A:VAL:HG21	16	0.16
(34,1618)	1:120:A:CYS:H	1:121:A:VAL:HG22	16	0.16
(34,1618)	1:120:A:CYS:H	1:121:A:VAL:HG23	16	0.16
(34,1595)	1:54:A:ARG:HE	1:58:A:ILE:HD11	7	0.16
(34,1595)	1:54:A:ARG:HE	1:58:A:ILE:HD12	7	0.16
(34,1595)	1:54:A:ARG:HE	1:58:A:ILE:HD13	7	0.16
(34,1590)	1:61:A:SER:HA	1:63:A:ILE:HD11	13	0.16
(34,1590)	1:61:A:SER:HA	1:63:A:ILE:HD12	13	0.16
(34,1590)	1:61:A:SER:HA	1:63:A:ILE:HD13	13	0.16
(34,1562)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	1	0.16
(34,1562)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	1	0.16
(34,1562)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	1	0.16
(34,1533)	1:69:A:MET:HE1	1:115:A:ALA:H	6	0.16
(34,1533)	1:69:A:MET:HE2	1:115:A:ALA:H	6	0.16
(34,1533)	1:69:A:MET:HE3	1:115:A:ALA:H	6	0.16
(34,1524)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	6	0.16
(34,1524)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	6	0.16
(34,1524)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	6	0.16
(34,1496)	1:101:A:ILE:HG21	1:102:A:PRO:HA	6	0.16
(34,1496)	1:101:A:ILE:HG22	1:102:A:PRO:HA	6	0.16
(34,1496)	1:101:A:ILE:HG23	1:102:A:PRO:HA	6	0.16
(34,1473)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	9	0.16
(34,1473)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	9	0.16
(34,1473)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	9	0.16
(34,1467)	1:30:A:LEU:H	1:31:A:PRO:HD3	3	0.16
(34,1467)	1:30:A:LEU:H	1:31:A:PRO:HD3	14	0.16
(34,1415)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	3	0.16
(34,1415)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	3	0.16
(34,1415)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	3	0.16
(34,1415)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	3	0.16
(34,1415)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	3	0.16
(34,1415)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	3	0.16
(34,1415)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	3	0.16
(34,1415)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	3	0.16
(34,1415)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	3	0.16
(34,1376)	1:121:A:VAL:H	1:121:A:VAL:HG11	12	0.16
(34,1376)	1:121:A:VAL:H	1:121:A:VAL:HG12	12	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1376)	1:121:A:VAL:H	1:121:A:VAL:HG13	12	0.16
(34,1277)	1:37:A:LEU:HD11	1:38:A:GLU:HA	7	0.16
(34,1277)	1:37:A:LEU:HD12	1:38:A:GLU:HA	7	0.16
(34,1277)	1:37:A:LEU:HD13	1:38:A:GLU:HA	7	0.16
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD21	9	0.16
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD22	9	0.16
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD23	9	0.16
(34,1246)	1:110:A:MET:HA	1:113:A:PHE:HB2	5	0.16
(34,1238)	1:69:A:MET:HE1	1:110:A:MET:HA	7	0.16
(34,1238)	1:69:A:MET:HE2	1:110:A:MET:HA	7	0.16
(34,1238)	1:69:A:MET:HE3	1:110:A:MET:HA	7	0.16
(34,1220)	1:38:A:GLU:HA	1:139:A:LEU:HD11	6	0.16
(34,1220)	1:38:A:GLU:HA	1:139:A:LEU:HD12	6	0.16
(34,1220)	1:38:A:GLU:HA	1:139:A:LEU:HD13	6	0.16
(34,1121)	1:68:A:LYS:HA	1:72:A:PHE:HD1	3	0.16
(34,1121)	1:68:A:LYS:HA	1:72:A:PHE:HD2	3	0.16
(34,1114)	1:138:A:ASP:HA	1:141:A:LYS:HA	1	0.16
(34,1114)	1:138:A:ASP:HA	1:141:A:LYS:HA	10	0.16
(34,1034)	1:27:A:ARG:HB2	1:28:A:GLY:H	9	0.16
(34,979)	1:96:A:VAL:HB	1:97:A:ASP:H	5	0.16
(34,911)	1:94:A:ALA:HA	1:95:A:ILE:HB	3	0.16
(34,911)	1:94:A:ALA:HA	1:95:A:ILE:HB	16	0.16
(34,852)	1:49:A:LYS:HA	1:49:A:LYS:HE2	13	0.16
(34,852)	1:49:A:LYS:HA	1:49:A:LYS:HE3	13	0.16
(34,851)	1:68:A:LYS:HA	1:68:A:LYS:HE2	15	0.16
(34,851)	1:68:A:LYS:HA	1:68:A:LYS:HE3	15	0.16
(34,834)	1:114:A:ILE:HD11	1:115:A:ALA:H	3	0.16
(34,834)	1:114:A:ILE:HD12	1:115:A:ALA:H	3	0.16
(34,834)	1:114:A:ILE:HD13	1:115:A:ALA:H	3	0.16
(34,820)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	19	0.16
(34,820)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	19	0.16
(34,820)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	19	0.16
(34,820)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	19	0.16
(34,820)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	19	0.16
(34,820)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	19	0.16
(34,819)	1:64:A:LYS:H	1:98:A:ILE:HD11	16	0.16
(34,819)	1:64:A:LYS:H	1:98:A:ILE:HD12	16	0.16
(34,819)	1:64:A:LYS:H	1:98:A:ILE:HD13	16	0.16
(34,809)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	15	0.16
(34,809)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	15	0.16
(34,809)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	15	0.16
(34,809)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	15	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,809)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	15	0.16
(34,809)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	15	0.16
(34,801)	1:63:A:ILE:HD11	1:117:A:VAL:HB	17	0.16
(34,801)	1:63:A:ILE:HD12	1:117:A:VAL:HB	17	0.16
(34,801)	1:63:A:ILE:HD13	1:117:A:VAL:HB	17	0.16
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	16	0.16
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	16	0.16
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	16	0.16
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	16	0.16
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	16	0.16
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	16	0.16
(34,742)	1:45:A:ALA:H	1:46:A:ASN:HD21	11	0.16
(34,727)	1:9:A:PHE:HD1	1:54:A:ARG:HE	14	0.16
(34,727)	1:9:A:PHE:HD2	1:54:A:ARG:HE	14	0.16
(34,705)	1:98:A:ILE:H	1:104:A:PHE:H	19	0.16
(34,649)	1:66:A:THR:H	1:69:A:MET:HA	7	0.16
(34,636)	1:14:A:VAL:HB	1:15:A:ALA:H	14	0.16
(34,627)	1:23:A:LEU:HD21	1:25:A:ALA:H	3	0.16
(34,627)	1:23:A:LEU:HD22	1:25:A:ALA:H	3	0.16
(34,627)	1:23:A:LEU:HD23	1:25:A:ALA:H	3	0.16
(34,594)	1:126:A:GLY:H	1:128:A:LEU:HB2	1	0.16
(34,594)	1:126:A:GLY:H	1:128:A:LEU:HB2	10	0.16
(34,518)	1:97:A:ASP:HA	1:105:A:LYS:H	16	0.16
(34,456)	1:142:A:LYS:H	1:143:A:TRP:HB2	8	0.16
(34,444)	1:143:A:TRP:H	1:144:A:LEU:HD21	5	0.16
(34,444)	1:143:A:TRP:H	1:144:A:LEU:HD22	5	0.16
(34,444)	1:143:A:TRP:H	1:144:A:LEU:HD23	5	0.16
(34,361)	1:104:A:PHE:H	1:106:A:ASP:H	17	0.16
(34,317)	1:46:A:ASN:H	1:47:A:ALA:HB1	18	0.16
(34,317)	1:46:A:ASN:H	1:47:A:ALA:HB2	18	0.16
(34,317)	1:46:A:ASN:H	1:47:A:ALA:HB3	18	0.16
(34,279)	1:112:A:GLN:H	1:112:A:GLN:HE21	11	0.16
(34,235)	1:10:A:ASN:H	1:10:A:ASN:HB2	5	0.16
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD11	18	0.16
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD12	18	0.16
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD13	18	0.16
(34,48)	1:44:A:GLU:HG3	1:47:A:ALA:H	3	0.16
(33,2439)	1:131:A:LEU:HD11	1:134:A:VAL:HB	10	0.16
(33,2439)	1:131:A:LEU:HD12	1:134:A:VAL:HB	10	0.16
(33,2439)	1:131:A:LEU:HD13	1:134:A:VAL:HB	10	0.16
(33,2439)	1:131:A:LEU:HD21	1:134:A:VAL:HB	10	0.16
(33,2439)	1:131:A:LEU:HD22	1:134:A:VAL:HB	10	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2439)	1:131:A:LEU:HD23	1:134:A:VAL:HB	10	0.16
(33,2413)	1:126:A:GLY:H	1:128:A:LEU:HD11	5	0.16
(33,2413)	1:126:A:GLY:H	1:128:A:LEU:HD12	5	0.16
(33,2413)	1:126:A:GLY:H	1:128:A:LEU:HD13	5	0.16
(33,2413)	1:126:A:GLY:H	1:128:A:LEU:HD21	5	0.16
(33,2413)	1:126:A:GLY:H	1:128:A:LEU:HD22	5	0.16
(33,2413)	1:126:A:GLY:H	1:128:A:LEU:HD23	5	0.16
(33,2398)	1:119:A:LEU:HD11	1:121:A:VAL:H	19	0.16
(33,2398)	1:119:A:LEU:HD12	1:121:A:VAL:H	19	0.16
(33,2398)	1:119:A:LEU:HD13	1:121:A:VAL:H	19	0.16
(33,2398)	1:119:A:LEU:HD21	1:121:A:VAL:H	19	0.16
(33,2398)	1:119:A:LEU:HD22	1:121:A:VAL:H	19	0.16
(33,2398)	1:119:A:LEU:HD23	1:121:A:VAL:H	19	0.16
(33,2335)	1:107:A:LEU:HD11	1:108:A:GLU:H	5	0.16
(33,2335)	1:107:A:LEU:HD12	1:108:A:GLU:H	5	0.16
(33,2335)	1:107:A:LEU:HD13	1:108:A:GLU:H	5	0.16
(33,2335)	1:107:A:LEU:HD21	1:108:A:GLU:H	5	0.16
(33,2335)	1:107:A:LEU:HD22	1:108:A:GLU:H	5	0.16
(33,2335)	1:107:A:LEU:HD23	1:108:A:GLU:H	5	0.16
(33,2300)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	7	0.16
(33,2300)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	7	0.16
(33,2300)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	7	0.16
(33,2300)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	7	0.16
(33,2300)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	7	0.16
(33,2300)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	7	0.16
(33,2252)	1:69:A:MET:HG2	1:72:A:PHE:HB2	17	0.16
(33,2252)	1:69:A:MET:HG3	1:72:A:PHE:HB2	17	0.16
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	9	0.16
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	9	0.16
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	9	0.16
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	9	0.16
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	9	0.16
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	9	0.16
(33,2201)	1:59:A:CYS:H	1:60:A:LEU:HD11	5	0.16
(33,2201)	1:59:A:CYS:H	1:60:A:LEU:HD12	5	0.16
(33,2201)	1:59:A:CYS:H	1:60:A:LEU:HD13	5	0.16
(33,2201)	1:59:A:CYS:H	1:60:A:LEU:HD21	5	0.16
(33,2201)	1:59:A:CYS:H	1:60:A:LEU:HD22	5	0.16
(33,2201)	1:59:A:CYS:H	1:60:A:LEU:HD23	5	0.16
(33,2132)	1:40:A:LEU:HD11	1:41:A:LYS:H	19	0.16
(33,2132)	1:40:A:LEU:HD12	1:41:A:LYS:H	19	0.16
(33,2132)	1:40:A:LEU:HD13	1:41:A:LYS:H	19	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2132)	1:40:A:LEU:HD21	1:41:A:LYS:H	19	0.16
(33,2132)	1:40:A:LEU:HD22	1:41:A:LYS:H	19	0.16
(33,2132)	1:40:A:LEU:HD23	1:41:A:LYS:H	19	0.16
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD11	7	0.16
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD12	7	0.16
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD13	7	0.16
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD21	7	0.16
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD22	7	0.16
(33,2108)	1:39:A:VAL:H	1:139:A:LEU:HD23	7	0.16
(33,2082)	1:35:A:LEU:HD11	1:39:A:VAL:HB	18	0.16
(33,2082)	1:35:A:LEU:HD12	1:39:A:VAL:HB	18	0.16
(33,2082)	1:35:A:LEU:HD13	1:39:A:VAL:HB	18	0.16
(33,2082)	1:35:A:LEU:HD21	1:39:A:VAL:HB	18	0.16
(33,2082)	1:35:A:LEU:HD22	1:39:A:VAL:HB	18	0.16
(33,2082)	1:35:A:LEU:HD23	1:39:A:VAL:HB	18	0.16
(33,2079)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	6	0.16
(33,2079)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	6	0.16
(33,2079)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	6	0.16
(33,2079)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	6	0.16
(33,2079)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	6	0.16
(33,2079)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	6	0.16
(33,2079)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	18	0.16
(33,2079)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	18	0.16
(33,2079)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	18	0.16
(33,2079)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	18	0.16
(33,2079)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	18	0.16
(33,2079)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	18	0.16
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	5	0.16
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	5	0.16
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	5	0.16
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	5	0.16
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	5	0.16
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	5	0.16
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	5	0.16
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	5	0.16
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	5	0.16
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	5	0.16
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	5	0.16
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	5	0.16
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE1	2	0.16
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE2	2	0.16
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE3	2	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE1	2	0.16
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE2	2	0.16
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE3	2	0.16
(33,1993)	1:14:A:VAL:HG11	1:61:A:SER:H	12	0.16
(33,1993)	1:14:A:VAL:HG12	1:61:A:SER:H	12	0.16
(33,1993)	1:14:A:VAL:HG13	1:61:A:SER:H	12	0.16
(33,1993)	1:14:A:VAL:HG21	1:61:A:SER:H	12	0.16
(33,1993)	1:14:A:VAL:HG22	1:61:A:SER:H	12	0.16
(33,1993)	1:14:A:VAL:HG23	1:61:A:SER:H	12	0.16
(33,1962)	1:12:A:VAL:HA	1:40:A:LEU:HD11	19	0.16
(33,1962)	1:12:A:VAL:HA	1:40:A:LEU:HD12	19	0.16
(33,1962)	1:12:A:VAL:HA	1:40:A:LEU:HD13	19	0.16
(33,1962)	1:12:A:VAL:HA	1:40:A:LEU:HD21	19	0.16
(33,1962)	1:12:A:VAL:HA	1:40:A:LEU:HD22	19	0.16
(33,1962)	1:12:A:VAL:HA	1:40:A:LEU:HD23	19	0.16
(33,1953)	1:11:A:ILE:HG12	1:57:A:LEU:HD11	15	0.16
(33,1953)	1:11:A:ILE:HG12	1:57:A:LEU:HD12	15	0.16
(33,1953)	1:11:A:ILE:HG12	1:57:A:LEU:HD13	15	0.16
(33,1953)	1:11:A:ILE:HG12	1:57:A:LEU:HD21	15	0.16
(33,1953)	1:11:A:ILE:HG12	1:57:A:LEU:HD22	15	0.16
(33,1953)	1:11:A:ILE:HG12	1:57:A:LEU:HD23	15	0.16
(33,1875)	1:71:A:LYS:HA	1:72:A:PHE:HD1	6	0.16
(33,1875)	1:71:A:LYS:HA	1:72:A:PHE:HD2	6	0.16
(33,1851)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	6	0.16
(33,1851)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	6	0.16
(33,1746)	1:36:A:PRO:HA	1:37:A:LEU:HG	4	0.16
(33,1746)	1:36:A:PRO:HA	1:37:A:LEU:HG	14	0.16
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG21	4	0.16
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG22	4	0.16
(33,1716)	1:19:A:ALA:HB1	1:21:A:THR:HG23	4	0.16
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG21	4	0.16
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG22	4	0.16
(33,1716)	1:19:A:ALA:HB2	1:21:A:THR:HG23	4	0.16
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG21	4	0.16
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG22	4	0.16
(33,1716)	1:19:A:ALA:HB3	1:21:A:THR:HG23	4	0.16
(33,1676)	1:69:A:MET:HA	1:109:A:PRO:HA	2	0.16
(33,1644)	1:134:A:VAL:HG21	1:137:A:SER:H	18	0.16
(33,1644)	1:134:A:VAL:HG22	1:137:A:SER:H	18	0.16
(33,1644)	1:134:A:VAL:HG23	1:137:A:SER:H	18	0.16
(33,1600)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	16	0.16
(33,1600)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	16	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1600)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	16	0.16
(33,1600)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	16	0.16
(33,1600)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	16	0.16
(33,1600)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	16	0.16
(33,1543)	1:139:A:LEU:HD11	1:142:A:LYS:HE2	18	0.16
(33,1543)	1:139:A:LEU:HD11	1:142:A:LYS:HE3	18	0.16
(33,1543)	1:139:A:LEU:HD12	1:142:A:LYS:HE2	18	0.16
(33,1543)	1:139:A:LEU:HD12	1:142:A:LYS:HE3	18	0.16
(33,1543)	1:139:A:LEU:HD13	1:142:A:LYS:HE2	18	0.16
(33,1543)	1:139:A:LEU:HD13	1:142:A:LYS:HE3	18	0.16
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE1	11	0.16
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE2	11	0.16
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE3	11	0.16
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE1	11	0.16
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE2	11	0.16
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE3	11	0.16
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE1	11	0.16
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE2	11	0.16
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE3	11	0.16
(33,1513)	1:69:A:MET:HE1	1:113:A:PHE:HD1	4	0.16
(33,1513)	1:69:A:MET:HE1	1:113:A:PHE:HD2	4	0.16
(33,1513)	1:69:A:MET:HE2	1:113:A:PHE:HD1	4	0.16
(33,1513)	1:69:A:MET:HE2	1:113:A:PHE:HD2	4	0.16
(33,1513)	1:69:A:MET:HE3	1:113:A:PHE:HD1	4	0.16
(33,1513)	1:69:A:MET:HE3	1:113:A:PHE:HD2	4	0.16
(33,1503)	1:98:A:ILE:HG21	1:119:A:LEU:HG	3	0.16
(33,1503)	1:98:A:ILE:HG22	1:119:A:LEU:HG	3	0.16
(33,1503)	1:98:A:ILE:HG23	1:119:A:LEU:HG	3	0.16
(33,1492)	1:15:A:ALA:H	1:43:A:MET:HE1	18	0.16
(33,1492)	1:15:A:ALA:H	1:43:A:MET:HE2	18	0.16
(33,1492)	1:15:A:ALA:H	1:43:A:MET:HE3	18	0.16
(33,1424)	1:121:A:VAL:HG21	1:122:A:ASP:H	6	0.16
(33,1424)	1:121:A:VAL:HG22	1:122:A:ASP:H	6	0.16
(33,1424)	1:121:A:VAL:HG23	1:122:A:ASP:H	6	0.16
(33,1419)	1:149:A:ALA:HB1	1:150:A:THR:HG21	2	0.16
(33,1419)	1:149:A:ALA:HB1	1:150:A:THR:HG22	2	0.16
(33,1419)	1:149:A:ALA:HB1	1:150:A:THR:HG23	2	0.16
(33,1419)	1:149:A:ALA:HB2	1:150:A:THR:HG21	2	0.16
(33,1419)	1:149:A:ALA:HB2	1:150:A:THR:HG22	2	0.16
(33,1419)	1:149:A:ALA:HB2	1:150:A:THR:HG23	2	0.16
(33,1419)	1:149:A:ALA:HB3	1:150:A:THR:HG21	2	0.16
(33,1419)	1:149:A:ALA:HB3	1:150:A:THR:HG22	2	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1419)	1:149:A:ALA:HB3	1:150:A:THR:HG23	2	0.16
(33,1398)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	3	0.16
(33,1398)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	3	0.16
(33,1398)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	3	0.16
(33,1398)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	3	0.16
(33,1398)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	3	0.16
(33,1398)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	3	0.16
(33,1398)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	3	0.16
(33,1398)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	3	0.16
(33,1398)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	3	0.16
(33,1363)	1:119:A:LEU:HB2	1:121:A:VAL:HG11	12	0.16
(33,1363)	1:119:A:LEU:HB2	1:121:A:VAL:HG12	12	0.16
(33,1363)	1:119:A:LEU:HB2	1:121:A:VAL:HG13	12	0.16
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG11	7	0.16
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG12	7	0.16
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG13	7	0.16
(33,1358)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	13	0.16
(33,1358)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	13	0.16
(33,1358)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	13	0.16
(33,1356)	1:121:A:VAL:H	1:121:A:VAL:HG11	12	0.16
(33,1356)	1:121:A:VAL:H	1:121:A:VAL:HG12	12	0.16
(33,1356)	1:121:A:VAL:H	1:121:A:VAL:HG13	12	0.16
(33,1310)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	2	0.16
(33,1310)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	2	0.16
(33,1310)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	2	0.16
(33,1229)	1:110:A:MET:HA	1:113:A:PHE:HB2	17	0.16
(33,1172)	1:101:A:ILE:H	1:119:A:LEU:HD21	5	0.16
(33,1172)	1:101:A:ILE:H	1:119:A:LEU:HD22	5	0.16
(33,1172)	1:101:A:ILE:H	1:119:A:LEU:HD23	5	0.16
(33,1170)	1:30:A:LEU:H	1:30:A:LEU:HD21	17	0.16
(33,1170)	1:30:A:LEU:H	1:30:A:LEU:HD22	17	0.16
(33,1170)	1:30:A:LEU:H	1:30:A:LEU:HD23	17	0.16
(33,1043)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	3	0.16
(33,1043)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	3	0.16
(33,1043)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	3	0.16
(33,1043)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	3	0.16
(33,1043)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	3	0.16
(33,1043)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	3	0.16
(33,1043)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	6	0.16
(33,1043)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	6	0.16
(33,1043)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	6	0.16
(33,1043)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	6	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1043)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	6	0.16
(33,1043)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	6	0.16
(33,991)	1:104:A:PHE:H	1:105:A:LYS:HB2	17	0.16
(33,991)	1:104:A:PHE:H	1:105:A:LYS:HB3	17	0.16
(33,972)	1:140:A:LEU:HD21	1:141:A:LYS:HB2	10	0.16
(33,972)	1:140:A:LEU:HD21	1:141:A:LYS:HB3	10	0.16
(33,972)	1:140:A:LEU:HD22	1:141:A:LYS:HB2	10	0.16
(33,972)	1:140:A:LEU:HD22	1:141:A:LYS:HB3	10	0.16
(33,972)	1:140:A:LEU:HD23	1:141:A:LYS:HB2	10	0.16
(33,972)	1:140:A:LEU:HD23	1:141:A:LYS:HB3	10	0.16
(33,907)	1:21:A:THR:HB	1:23:A:LEU:H	11	0.16
(33,877)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	17	0.16
(33,877)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	17	0.16
(33,877)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	17	0.16
(33,873)	1:57:A:LEU:HA	1:60:A:LEU:HB3	9	0.16
(33,866)	1:37:A:LEU:HB2	1:39:A:VAL:H	14	0.16
(33,852)	1:49:A:LYS:HA	1:49:A:LYS:HE2	13	0.16
(33,852)	1:49:A:LYS:HA	1:49:A:LYS:HE3	13	0.16
(33,816)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	19	0.16
(33,816)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	19	0.16
(33,816)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	19	0.16
(33,816)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	19	0.16
(33,816)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	19	0.16
(33,816)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	19	0.16
(33,815)	1:98:A:ILE:HD11	1:101:A:ILE:H	5	0.16
(33,815)	1:98:A:ILE:HD12	1:101:A:ILE:H	5	0.16
(33,815)	1:98:A:ILE:HD13	1:101:A:ILE:H	5	0.16
(33,783)	1:11:A:ILE:HA	1:11:A:ILE:HD11	13	0.16
(33,783)	1:11:A:ILE:HA	1:11:A:ILE:HD12	13	0.16
(33,783)	1:11:A:ILE:HA	1:11:A:ILE:HD13	13	0.16
(33,760)	1:42:A:GLU:H	1:42:A:GLU:HB3	14	0.16
(33,760)	1:42:A:GLU:H	1:42:A:GLU:HB3	17	0.16
(33,758)	1:53:A:THR:H	1:53:A:THR:HG21	3	0.16
(33,758)	1:53:A:THR:H	1:53:A:THR:HG22	3	0.16
(33,758)	1:53:A:THR:H	1:53:A:THR:HG23	3	0.16
(33,740)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	13	0.16
(33,735)	1:45:A:ALA:H	1:46:A:ASN:HD21	11	0.16
(33,705)	1:27:A:ARG:HB2	1:27:A:ARG:HE	12	0.16
(33,705)	1:27:A:ARG:HB3	1:27:A:ARG:HE	12	0.16
(33,697)	1:10:A:ASN:HD22	1:14:A:VAL:HB	1	0.16
(33,697)	1:10:A:ASN:HD22	1:14:A:VAL:HB	6	0.16
(33,642)	1:66:A:THR:H	1:69:A:MET:HA	7	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,629)	1:11:A:ILE:HA	1:15:A:ALA:H	8	0.16
(33,628)	1:14:A:VAL:HB	1:15:A:ALA:H	14	0.16
(33,618)	1:23:A:LEU:HD21	1:25:A:ALA:H	3	0.16
(33,618)	1:23:A:LEU:HD22	1:25:A:ALA:H	3	0.16
(33,618)	1:23:A:LEU:HD23	1:25:A:ALA:H	3	0.16
(33,594)	1:28:A:GLY:H	1:29:A:LYS:HG2	10	0.16
(33,594)	1:28:A:GLY:H	1:29:A:LYS:HG3	10	0.16
(33,472)	1:103:A:ARG:H	1:103:A:ARG:HG2	17	0.16
(33,472)	1:103:A:ARG:H	1:103:A:ARG:HG3	17	0.16
(33,377)	1:40:A:LEU:HB3	1:41:A:LYS:H	11	0.16
(33,313)	1:43:A:MET:H	1:140:A:LEU:HD21	17	0.16
(33,313)	1:43:A:MET:H	1:140:A:LEU:HD22	17	0.16
(33,313)	1:43:A:MET:H	1:140:A:LEU:HD23	17	0.16
(33,311)	1:46:A:ASN:H	1:47:A:ALA:HB1	18	0.16
(33,311)	1:46:A:ASN:H	1:47:A:ALA:HB2	18	0.16
(33,311)	1:46:A:ASN:H	1:47:A:ALA:HB3	18	0.16
(33,281)	1:50:A:ALA:H	1:52:A:CYS:H	11	0.16
(33,229)	1:44:A:GLU:HG3	1:48:A:ARG:H	16	0.16
(33,228)	1:10:A:ASN:H	1:10:A:ASN:HB2	5	0.16
(33,74)	1:79:A:THR:HG21	1:81:A:GLU:H	18	0.16
(33,74)	1:79:A:THR:HG22	1:81:A:GLU:H	18	0.16
(33,74)	1:79:A:THR:HG23	1:81:A:GLU:H	18	0.16
(33,62)	1:11:A:ILE:HD11	1:47:A:ALA:H	4	0.16
(33,62)	1:11:A:ILE:HD12	1:47:A:ALA:H	4	0.16
(33,62)	1:11:A:ILE:HD13	1:47:A:ALA:H	4	0.16
(33,50)	1:44:A:GLU:HG3	1:47:A:ALA:H	3	0.16
(33,42)	1:43:A:MET:HA	1:47:A:ALA:H	15	0.16
(33,20)	1:93:A:GLU:HG2	1:94:A:ALA:H	10	0.16
(33,20)	1:93:A:GLU:HG3	1:94:A:ALA:H	10	0.16
(33,13)	1:64:A:LYS:H	1:116:A:GLN:HG3	19	0.16
(32,2470)	1:140:A:LEU:HD11	1:144:A:LEU:H	17	0.16
(32,2470)	1:140:A:LEU:HD12	1:144:A:LEU:H	17	0.16
(32,2470)	1:140:A:LEU:HD13	1:144:A:LEU:H	17	0.16
(32,2470)	1:140:A:LEU:HD21	1:144:A:LEU:H	17	0.16
(32,2470)	1:140:A:LEU:HD22	1:144:A:LEU:H	17	0.16
(32,2470)	1:140:A:LEU:HD23	1:144:A:LEU:H	17	0.16
(32,2380)	1:119:A:LEU:HD11	1:121:A:VAL:H	19	0.16
(32,2380)	1:119:A:LEU:HD12	1:121:A:VAL:H	19	0.16
(32,2380)	1:119:A:LEU:HD13	1:121:A:VAL:H	19	0.16
(32,2380)	1:119:A:LEU:HD21	1:121:A:VAL:H	19	0.16
(32,2380)	1:119:A:LEU:HD22	1:121:A:VAL:H	19	0.16
(32,2380)	1:119:A:LEU:HD23	1:121:A:VAL:H	19	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2364)	1:116:A:GLN:HG2	1:117:A:VAL:H	1	0.16
(32,2364)	1:116:A:GLN:HG3	1:117:A:VAL:H	1	0.16
(32,2289)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	18	0.16
(32,2289)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	18	0.16
(32,2289)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	18	0.16
(32,2289)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	18	0.16
(32,2289)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	18	0.16
(32,2289)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	18	0.16
(32,2289)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	18	0.16
(32,2289)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	18	0.16
(32,2289)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	18	0.16
(32,2289)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	18	0.16
(32,2289)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	18	0.16
(32,2289)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	18	0.16
(32,2274)	1:79:A:THR:HG21	1:81:A:GLU:HB2	7	0.16
(32,2274)	1:79:A:THR:HG21	1:81:A:GLU:HB3	7	0.16
(32,2274)	1:79:A:THR:HG22	1:81:A:GLU:HB2	7	0.16
(32,2274)	1:79:A:THR:HG22	1:81:A:GLU:HB3	7	0.16
(32,2274)	1:79:A:THR:HG23	1:81:A:GLU:HB2	7	0.16
(32,2274)	1:79:A:THR:HG23	1:81:A:GLU:HB3	7	0.16
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG11	11	0.16
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG12	11	0.16
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG13	11	0.16
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG21	11	0.16
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG22	11	0.16
(32,2248)	1:69:A:MET:HE1	1:117:A:VAL:HG23	11	0.16
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG11	11	0.16
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG12	11	0.16
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG13	11	0.16
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG21	11	0.16
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG22	11	0.16
(32,2248)	1:69:A:MET:HE2	1:117:A:VAL:HG23	11	0.16
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG11	11	0.16
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG12	11	0.16
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG13	11	0.16
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG21	11	0.16
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG22	11	0.16
(32,2248)	1:69:A:MET:HE3	1:117:A:VAL:HG23	11	0.16
(32,2198)	1:60:A:LEU:HD11	1:123:A:CYS:H	16	0.16
(32,2198)	1:60:A:LEU:HD12	1:123:A:CYS:H	16	0.16
(32,2198)	1:60:A:LEU:HD13	1:123:A:CYS:H	16	0.16
(32,2198)	1:60:A:LEU:HD21	1:123:A:CYS:H	16	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2198)	1:60:A:LEU:HD22	1:123:A:CYS:H	16	0.16
(32,2198)	1:60:A:LEU:HD23	1:123:A:CYS:H	16	0.16
(32,2197)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	2	0.16
(32,2197)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	2	0.16
(32,2197)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	2	0.16
(32,2197)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	2	0.16
(32,2197)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	2	0.16
(32,2197)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	2	0.16
(32,2188)	1:59:A:CYS:H	1:60:A:LEU:HD11	5	0.16
(32,2188)	1:59:A:CYS:H	1:60:A:LEU:HD12	5	0.16
(32,2188)	1:59:A:CYS:H	1:60:A:LEU:HD13	5	0.16
(32,2188)	1:59:A:CYS:H	1:60:A:LEU:HD21	5	0.16
(32,2188)	1:59:A:CYS:H	1:60:A:LEU:HD22	5	0.16
(32,2188)	1:59:A:CYS:H	1:60:A:LEU:HD23	5	0.16
(32,2161)	1:47:A:ALA:H	1:131:A:LEU:HD11	18	0.16
(32,2161)	1:47:A:ALA:H	1:131:A:LEU:HD12	18	0.16
(32,2161)	1:47:A:ALA:H	1:131:A:LEU:HD13	18	0.16
(32,2161)	1:47:A:ALA:H	1:131:A:LEU:HD21	18	0.16
(32,2161)	1:47:A:ALA:H	1:131:A:LEU:HD22	18	0.16
(32,2161)	1:47:A:ALA:H	1:131:A:LEU:HD23	18	0.16
(32,2093)	1:39:A:VAL:HG11	1:44:A:GLU:H	1	0.16
(32,2093)	1:39:A:VAL:HG12	1:44:A:GLU:H	1	0.16
(32,2093)	1:39:A:VAL:HG13	1:44:A:GLU:H	1	0.16
(32,2093)	1:39:A:VAL:HG21	1:44:A:GLU:H	1	0.16
(32,2093)	1:39:A:VAL:HG22	1:44:A:GLU:H	1	0.16
(32,2093)	1:39:A:VAL:HG23	1:44:A:GLU:H	1	0.16
(32,2093)	1:39:A:VAL:HG11	1:44:A:GLU:H	17	0.16
(32,2093)	1:39:A:VAL:HG12	1:44:A:GLU:H	17	0.16
(32,2093)	1:39:A:VAL:HG13	1:44:A:GLU:H	17	0.16
(32,2093)	1:39:A:VAL:HG21	1:44:A:GLU:H	17	0.16
(32,2093)	1:39:A:VAL:HG22	1:44:A:GLU:H	17	0.16
(32,2093)	1:39:A:VAL:HG23	1:44:A:GLU:H	17	0.16
(32,2091)	1:39:A:VAL:HG11	1:43:A:MET:HB2	18	0.16
(32,2091)	1:39:A:VAL:HG12	1:43:A:MET:HB2	18	0.16
(32,2091)	1:39:A:VAL:HG13	1:43:A:MET:HB2	18	0.16
(32,2091)	1:39:A:VAL:HG21	1:43:A:MET:HB2	18	0.16
(32,2091)	1:39:A:VAL:HG22	1:43:A:MET:HB2	18	0.16
(32,2091)	1:39:A:VAL:HG23	1:43:A:MET:HB2	18	0.16
(32,2059)	1:35:A:LEU:HD11	1:80:A:TYR:HB3	4	0.16
(32,2059)	1:35:A:LEU:HD12	1:80:A:TYR:HB3	4	0.16
(32,2059)	1:35:A:LEU:HD13	1:80:A:TYR:HB3	4	0.16
(32,2059)	1:35:A:LEU:HD21	1:80:A:TYR:HB3	4	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2059)	1:35:A:LEU:HD22	1:80:A:TYR:HB3	4	0.16
(32,2059)	1:35:A:LEU:HD23	1:80:A:TYR:HB3	4	0.16
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	5	0.16
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	5	0.16
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	5	0.16
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	5	0.16
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	5	0.16
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	5	0.16
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	5	0.16
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	5	0.16
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	5	0.16
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	5	0.16
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	5	0.16
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	5	0.16
(32,2006)	1:23:A:LEU:HD11	1:25:A:ALA:H	4	0.16
(32,2006)	1:23:A:LEU:HD12	1:25:A:ALA:H	4	0.16
(32,2006)	1:23:A:LEU:HD13	1:25:A:ALA:H	4	0.16
(32,2006)	1:23:A:LEU:HD21	1:25:A:ALA:H	4	0.16
(32,2006)	1:23:A:LEU:HD22	1:25:A:ALA:H	4	0.16
(32,2006)	1:23:A:LEU:HD23	1:25:A:ALA:H	4	0.16
(32,2006)	1:23:A:LEU:HD11	1:25:A:ALA:H	15	0.16
(32,2006)	1:23:A:LEU:HD12	1:25:A:ALA:H	15	0.16
(32,2006)	1:23:A:LEU:HD13	1:25:A:ALA:H	15	0.16
(32,2006)	1:23:A:LEU:HD21	1:25:A:ALA:H	15	0.16
(32,2006)	1:23:A:LEU:HD22	1:25:A:ALA:H	15	0.16
(32,2006)	1:23:A:LEU:HD23	1:25:A:ALA:H	15	0.16
(32,1987)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	8	0.16
(32,1987)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	8	0.16
(32,1987)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	8	0.16
(32,1987)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	8	0.16
(32,1987)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	8	0.16
(32,1987)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	8	0.16
(32,1962)	1:14:A:VAL:HG11	1:62:A:HIS:H	7	0.16
(32,1962)	1:14:A:VAL:HG12	1:62:A:HIS:H	7	0.16
(32,1962)	1:14:A:VAL:HG13	1:62:A:HIS:H	7	0.16
(32,1962)	1:14:A:VAL:HG21	1:62:A:HIS:H	7	0.16
(32,1962)	1:14:A:VAL:HG22	1:62:A:HIS:H	7	0.16
(32,1962)	1:14:A:VAL:HG23	1:62:A:HIS:H	7	0.16
(32,1874)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	19	0.16
(32,1852)	1:104:A:PHE:HE1	1:115:A:ALA:H	2	0.16
(32,1852)	1:104:A:PHE:HE2	1:115:A:ALA:H	2	0.16
(32,1852)	1:104:A:PHE:HE1	1:115:A:ALA:H	6	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1852)	1:104:A:PHE:HE2	1:115:A:ALA:H	6	0.16
(32,1848)	1:68:A:LYS:HA	1:72:A:PHE:HE1	11	0.16
(32,1848)	1:68:A:LYS:HA	1:72:A:PHE:HE2	11	0.16
(32,1841)	1:71:A:LYS:HA	1:72:A:PHE:HD1	6	0.16
(32,1841)	1:71:A:LYS:HA	1:72:A:PHE:HD2	6	0.16
(32,1821)	1:9:A:PHE:HD1	1:57:A:LEU:HG	19	0.16
(32,1821)	1:9:A:PHE:HD2	1:57:A:LEU:HG	19	0.16
(32,1781)	1:113:A:PHE:HD1	1:114:A:ILE:HD11	6	0.16
(32,1781)	1:113:A:PHE:HD1	1:114:A:ILE:HD12	6	0.16
(32,1781)	1:113:A:PHE:HD1	1:114:A:ILE:HD13	6	0.16
(32,1781)	1:113:A:PHE:HD2	1:114:A:ILE:HD11	6	0.16
(32,1781)	1:113:A:PHE:HD2	1:114:A:ILE:HD12	6	0.16
(32,1781)	1:113:A:PHE:HD2	1:114:A:ILE:HD13	6	0.16
(32,1711)	1:36:A:PRO:HA	1:37:A:LEU:HG	4	0.16
(32,1711)	1:36:A:PRO:HA	1:37:A:LEU:HG	14	0.16
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG21	4	0.16
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG22	4	0.16
(32,1683)	1:19:A:ALA:HB1	1:21:A:THR:HG23	4	0.16
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG21	4	0.16
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG22	4	0.16
(32,1683)	1:19:A:ALA:HB2	1:21:A:THR:HG23	4	0.16
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG21	4	0.16
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG22	4	0.16
(32,1683)	1:19:A:ALA:HB3	1:21:A:THR:HG23	4	0.16
(32,1678)	1:19:A:ALA:HB1	1:20:A:THR:HG21	19	0.16
(32,1678)	1:19:A:ALA:HB1	1:20:A:THR:HG22	19	0.16
(32,1678)	1:19:A:ALA:HB1	1:20:A:THR:HG23	19	0.16
(32,1678)	1:19:A:ALA:HB2	1:20:A:THR:HG21	19	0.16
(32,1678)	1:19:A:ALA:HB2	1:20:A:THR:HG22	19	0.16
(32,1678)	1:19:A:ALA:HB2	1:20:A:THR:HG23	19	0.16
(32,1678)	1:19:A:ALA:HB3	1:20:A:THR:HG21	19	0.16
(32,1678)	1:19:A:ALA:HB3	1:20:A:THR:HG22	19	0.16
(32,1678)	1:19:A:ALA:HB3	1:20:A:THR:HG23	19	0.16
(32,1661)	1:141:A:LYS:HA	1:145:A:PRO:HD3	6	0.16
(32,1654)	1:43:A:MET:HG2	1:43:A:MET:HE1	18	0.16
(32,1654)	1:43:A:MET:HG2	1:43:A:MET:HE2	18	0.16
(32,1654)	1:43:A:MET:HG2	1:43:A:MET:HE3	18	0.16
(32,1574)	1:73:A:ILE:HG21	1:76:A:ARG:HE	18	0.16
(32,1574)	1:73:A:ILE:HG22	1:76:A:ARG:HE	18	0.16
(32,1574)	1:73:A:ILE:HG23	1:76:A:ARG:HE	18	0.16
(32,1516)	1:139:A:LEU:HD11	1:142:A:LYS:HE2	18	0.16
(32,1516)	1:139:A:LEU:HD11	1:142:A:LYS:HE3	18	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1516)	1:139:A:LEU:HD12	1:142:A:LYS:HE2	18	0.16
(32,1516)	1:139:A:LEU:HD12	1:142:A:LYS:HE3	18	0.16
(32,1516)	1:139:A:LEU:HD13	1:142:A:LYS:HE2	18	0.16
(32,1516)	1:139:A:LEU:HD13	1:142:A:LYS:HE3	18	0.16
(32,1478)	1:69:A:MET:HE1	1:115:A:ALA:H	6	0.16
(32,1478)	1:69:A:MET:HE2	1:115:A:ALA:H	6	0.16
(32,1478)	1:69:A:MET:HE3	1:115:A:ALA:H	6	0.16
(32,1459)	1:15:A:ALA:H	1:43:A:MET:HE1	18	0.16
(32,1459)	1:15:A:ALA:H	1:43:A:MET:HE2	18	0.16
(32,1459)	1:15:A:ALA:H	1:43:A:MET:HE3	18	0.16
(32,1422)	1:13:A:ALA:HB1	1:79:A:THR:HB	4	0.16
(32,1422)	1:13:A:ALA:HB2	1:79:A:THR:HB	4	0.16
(32,1422)	1:13:A:ALA:HB3	1:79:A:THR:HB	4	0.16
(32,1398)	1:50:A:ALA:HB1	1:127:A:CYS:HA	16	0.16
(32,1398)	1:50:A:ALA:HB2	1:127:A:CYS:HA	16	0.16
(32,1398)	1:50:A:ALA:HB3	1:127:A:CYS:HA	16	0.16
(32,1327)	1:119:A:LEU:HA	1:121:A:VAL:HG11	9	0.16
(32,1327)	1:119:A:LEU:HA	1:121:A:VAL:HG12	9	0.16
(32,1327)	1:119:A:LEU:HA	1:121:A:VAL:HG13	9	0.16
(32,1324)	1:121:A:VAL:H	1:121:A:VAL:HG11	12	0.16
(32,1324)	1:121:A:VAL:H	1:121:A:VAL:HG12	12	0.16
(32,1324)	1:121:A:VAL:H	1:121:A:VAL:HG13	12	0.16
(32,1275)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	2	0.16
(32,1275)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	2	0.16
(32,1275)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	2	0.16
(32,1186)	1:110:A:MET:HA	1:113:A:PHE:HB2	17	0.16
(32,1168)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	15	0.16
(32,1168)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	15	0.16
(32,1168)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	15	0.16
(32,1128)	1:30:A:LEU:H	1:30:A:LEU:HD21	17	0.16
(32,1128)	1:30:A:LEU:H	1:30:A:LEU:HD22	17	0.16
(32,1128)	1:30:A:LEU:H	1:30:A:LEU:HD23	17	0.16
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD11	5	0.16
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD12	5	0.16
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD13	5	0.16
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD11	12	0.16
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD12	12	0.16
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD13	12	0.16
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD11	19	0.16
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD12	19	0.16
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD13	19	0.16
(32,1003)	1:11:A:ILE:HB	1:44:A:GLU:HB2	17	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1003)	1:11:A:ILE:HB	1:44:A:GLU:HB3	17	0.16
(32,986)	1:81:A:GLU:H	1:81:A:GLU:HB2	17	0.16
(32,967)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	1	0.16
(32,967)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	10	0.16
(32,845)	1:57:A:LEU:HA	1:60:A:LEU:HB3	9	0.16
(32,842)	1:35:A:LEU:HB3	1:39:A:VAL:HB	14	0.16
(32,826)	1:49:A:LYS:HA	1:49:A:LYS:HE2	13	0.16
(32,826)	1:49:A:LYS:HA	1:49:A:LYS:HE3	13	0.16
(32,825)	1:68:A:LYS:HA	1:68:A:LYS:HE2	15	0.16
(32,825)	1:68:A:LYS:HA	1:68:A:LYS:HE3	15	0.16
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD11	7	0.16
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD12	7	0.16
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD13	7	0.16
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD11	10	0.16
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD12	10	0.16
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD13	10	0.16
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD11	11	0.16
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD12	11	0.16
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD13	11	0.16
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD11	13	0.16
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD12	13	0.16
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD13	13	0.16
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD11	17	0.16
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD12	17	0.16
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD13	17	0.16
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD11	18	0.16
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD12	18	0.16
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD13	18	0.16
(32,773)	1:63:A:ILE:HD11	1:117:A:VAL:HB	17	0.16
(32,773)	1:63:A:ILE:HD12	1:117:A:VAL:HB	17	0.16
(32,773)	1:63:A:ILE:HD13	1:117:A:VAL:HB	17	0.16
(32,762)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	13	0.16
(32,762)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	13	0.16
(32,762)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	13	0.16
(32,762)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	13	0.16
(32,762)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	13	0.16
(32,762)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	13	0.16
(32,722)	1:45:A:ALA:H	1:46:A:ASN:HD21	11	0.16
(32,640)	1:98:A:ILE:H	1:100:A:ALA:H	1	0.16
(32,640)	1:98:A:ILE:H	1:100:A:ALA:H	2	0.16
(32,640)	1:98:A:ILE:H	1:100:A:ALA:H	15	0.16
(32,640)	1:98:A:ILE:H	1:100:A:ALA:H	17	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,640)	1:98:A:ILE:H	1:100:A:ALA:H	18	0.16
(32,628)	1:66:A:THR:H	1:69:A:MET:HA	7	0.16
(32,615)	1:14:A:VAL:HB	1:15:A:ALA:H	14	0.16
(32,602)	1:23:A:LEU:HD21	1:25:A:ALA:H	3	0.16
(32,602)	1:23:A:LEU:HD22	1:25:A:ALA:H	3	0.16
(32,602)	1:23:A:LEU:HD23	1:25:A:ALA:H	3	0.16
(32,579)	1:28:A:GLY:H	1:29:A:LYS:HG2	10	0.16
(32,579)	1:28:A:GLY:H	1:29:A:LYS:HG3	10	0.16
(32,549)	1:116:A:GLN:H	1:116:A:GLN:HE22	2	0.16
(32,436)	1:142:A:LYS:H	1:143:A:TRP:HB2	8	0.16
(32,344)	1:104:A:PHE:H	1:104:A:PHE:HD1	1	0.16
(32,344)	1:104:A:PHE:H	1:104:A:PHE:HD2	1	0.16
(32,289)	1:43:A:MET:H	1:43:A:MET:HG3	11	0.16
(32,284)	1:121:A:VAL:H	1:123:A:CYS:H	2	0.16
(32,277)	1:50:A:ALA:H	1:52:A:CYS:H	11	0.16
(32,265)	1:112:A:GLN:H	1:112:A:GLN:HE21	11	0.16
(32,201)	1:98:A:ILE:HD11	1:101:A:ILE:H	15	0.16
(32,201)	1:98:A:ILE:HD12	1:101:A:ILE:H	15	0.16
(32,201)	1:98:A:ILE:HD13	1:101:A:ILE:H	15	0.16
(32,180)	1:44:A:GLU:H	1:44:A:GLU:HG3	8	0.16
(32,108)	1:21:A:THR:HB	1:22:A:ASP:H	10	0.16
(32,65)	1:79:A:THR:HG21	1:81:A:GLU:H	18	0.16
(32,65)	1:79:A:THR:HG22	1:81:A:GLU:H	18	0.16
(32,65)	1:79:A:THR:HG23	1:81:A:GLU:H	18	0.16
(32,16)	1:93:A:GLU:HG2	1:94:A:ALA:H	10	0.16
(32,16)	1:93:A:GLU:HG3	1:94:A:ALA:H	10	0.16
(30,2463)	1:142:A:LYS:HG2	1:143:A:TRP:HE1	10	0.16
(30,2463)	1:142:A:LYS:HG3	1:143:A:TRP:HE1	10	0.16
(30,2399)	1:126:A:GLY:H	1:128:A:LEU:HD11	5	0.16
(30,2399)	1:126:A:GLY:H	1:128:A:LEU:HD12	5	0.16
(30,2399)	1:126:A:GLY:H	1:128:A:LEU:HD13	5	0.16
(30,2399)	1:126:A:GLY:H	1:128:A:LEU:HD21	5	0.16
(30,2399)	1:126:A:GLY:H	1:128:A:LEU:HD22	5	0.16
(30,2399)	1:126:A:GLY:H	1:128:A:LEU:HD23	5	0.16
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD11	17	0.16
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD12	17	0.16
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD13	17	0.16
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD21	17	0.16
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD22	17	0.16
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD23	17	0.16
(30,2301)	1:97:A:ASP:HA	1:105:A:LYS:HG2	1	0.16
(30,2301)	1:97:A:ASP:HA	1:105:A:LYS:HG3	1	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2296)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	16	0.16
(30,2296)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	16	0.16
(30,2296)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	16	0.16
(30,2296)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	16	0.16
(30,2296)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	16	0.16
(30,2296)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	16	0.16
(30,2286)	1:79:A:THR:HG21	1:81:A:GLU:HB2	16	0.16
(30,2286)	1:79:A:THR:HG21	1:81:A:GLU:HB3	16	0.16
(30,2286)	1:79:A:THR:HG22	1:81:A:GLU:HB2	16	0.16
(30,2286)	1:79:A:THR:HG22	1:81:A:GLU:HB3	16	0.16
(30,2286)	1:79:A:THR:HG23	1:81:A:GLU:HB2	16	0.16
(30,2286)	1:79:A:THR:HG23	1:81:A:GLU:HB3	16	0.16
(30,2141)	1:40:A:LEU:HD11	1:41:A:LYS:H	19	0.16
(30,2141)	1:40:A:LEU:HD12	1:41:A:LYS:H	19	0.16
(30,2141)	1:40:A:LEU:HD13	1:41:A:LYS:H	19	0.16
(30,2141)	1:40:A:LEU:HD21	1:41:A:LYS:H	19	0.16
(30,2141)	1:40:A:LEU:HD22	1:41:A:LYS:H	19	0.16
(30,2141)	1:40:A:LEU:HD23	1:41:A:LYS:H	19	0.16
(30,2098)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	6	0.16
(30,2098)	1:37:A:LEU:HD11	1:41:A:LYS:HG3	6	0.16
(30,2098)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	6	0.16
(30,2098)	1:37:A:LEU:HD12	1:41:A:LYS:HG3	6	0.16
(30,2098)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	6	0.16
(30,2098)	1:37:A:LEU:HD13	1:41:A:LYS:HG3	6	0.16
(30,2074)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	6	0.16
(30,2074)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	6	0.16
(30,2074)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	6	0.16
(30,2074)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	6	0.16
(30,2074)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	6	0.16
(30,2074)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	6	0.16
(30,2074)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	18	0.16
(30,2074)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	18	0.16
(30,2074)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	18	0.16
(30,2074)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	18	0.16
(30,2074)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	18	0.16
(30,2074)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	18	0.16
(30,1967)	1:12:A:VAL:HA	1:40:A:LEU:HD11	19	0.16
(30,1967)	1:12:A:VAL:HA	1:40:A:LEU:HD12	19	0.16
(30,1967)	1:12:A:VAL:HA	1:40:A:LEU:HD13	19	0.16
(30,1967)	1:12:A:VAL:HA	1:40:A:LEU:HD21	19	0.16
(30,1967)	1:12:A:VAL:HA	1:40:A:LEU:HD22	19	0.16
(30,1967)	1:12:A:VAL:HA	1:40:A:LEU:HD23	19	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1928)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	16	0.16
(30,1928)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	16	0.16
(30,1928)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	16	0.16
(30,1928)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	16	0.16
(30,1928)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	16	0.16
(30,1928)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	16	0.16
(30,1912)	1:35:A:LEU:HG	1:80:A:TYR:HE1	2	0.16
(30,1912)	1:35:A:LEU:HG	1:80:A:TYR:HE2	2	0.16
(30,1907)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	15	0.16
(30,1907)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	15	0.16
(30,1907)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	15	0.16
(30,1907)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	15	0.16
(30,1907)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	15	0.16
(30,1907)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	15	0.16
(30,1882)	1:68:A:LYS:HA	1:72:A:PHE:HE1	11	0.16
(30,1882)	1:68:A:LYS:HA	1:72:A:PHE:HE2	11	0.16
(30,1855)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	6	0.16
(30,1855)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	6	0.16
(30,1818)	1:113:A:PHE:HD1	1:114:A:ILE:HD11	6	0.16
(30,1818)	1:113:A:PHE:HD1	1:114:A:ILE:HD12	6	0.16
(30,1818)	1:113:A:PHE:HD1	1:114:A:ILE:HD13	6	0.16
(30,1818)	1:113:A:PHE:HD2	1:114:A:ILE:HD11	6	0.16
(30,1818)	1:113:A:PHE:HD2	1:114:A:ILE:HD12	6	0.16
(30,1818)	1:113:A:PHE:HD2	1:114:A:ILE:HD13	6	0.16
(30,1728)	1:19:A:ALA:HB1	1:20:A:THR:HG21	19	0.16
(30,1728)	1:19:A:ALA:HB1	1:20:A:THR:HG22	19	0.16
(30,1728)	1:19:A:ALA:HB1	1:20:A:THR:HG23	19	0.16
(30,1728)	1:19:A:ALA:HB2	1:20:A:THR:HG21	19	0.16
(30,1728)	1:19:A:ALA:HB2	1:20:A:THR:HG22	19	0.16
(30,1728)	1:19:A:ALA:HB2	1:20:A:THR:HG23	19	0.16
(30,1728)	1:19:A:ALA:HB3	1:20:A:THR:HG21	19	0.16
(30,1728)	1:19:A:ALA:HB3	1:20:A:THR:HG22	19	0.16
(30,1728)	1:19:A:ALA:HB3	1:20:A:THR:HG23	19	0.16
(30,1690)	1:69:A:MET:HA	1:109:A:PRO:HA	2	0.16
(30,1649)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	16	0.16
(30,1649)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	16	0.16
(30,1649)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	16	0.16
(30,1649)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	16	0.16
(30,1649)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	16	0.16
(30,1649)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	16	0.16
(30,1575)	1:61:A:SER:HA	1:63:A:ILE:HD11	13	0.16
(30,1575)	1:61:A:SER:HA	1:63:A:ILE:HD12	13	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1575)	1:61:A:SER:HA	1:63:A:ILE:HD13	13	0.16
(30,1544)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	1	0.16
(30,1544)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	1	0.16
(30,1544)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	1	0.16
(30,1499)	1:15:A:ALA:H	1:43:A:MET:HE1	18	0.16
(30,1499)	1:15:A:ALA:H	1:43:A:MET:HE2	18	0.16
(30,1499)	1:15:A:ALA:H	1:43:A:MET:HE3	18	0.16
(30,1496)	1:114:A:ILE:HG21	1:117:A:VAL:HB	1	0.16
(30,1496)	1:114:A:ILE:HG22	1:117:A:VAL:HB	1	0.16
(30,1496)	1:114:A:ILE:HG23	1:117:A:VAL:HB	1	0.16
(30,1479)	1:101:A:ILE:HG21	1:102:A:PRO:HA	6	0.16
(30,1479)	1:101:A:ILE:HG22	1:102:A:PRO:HA	6	0.16
(30,1479)	1:101:A:ILE:HG23	1:102:A:PRO:HA	6	0.16
(30,1423)	1:149:A:ALA:HB1	1:150:A:THR:HG21	2	0.16
(30,1423)	1:149:A:ALA:HB1	1:150:A:THR:HG22	2	0.16
(30,1423)	1:149:A:ALA:HB1	1:150:A:THR:HG23	2	0.16
(30,1423)	1:149:A:ALA:HB2	1:150:A:THR:HG21	2	0.16
(30,1423)	1:149:A:ALA:HB2	1:150:A:THR:HG22	2	0.16
(30,1423)	1:149:A:ALA:HB2	1:150:A:THR:HG23	2	0.16
(30,1423)	1:149:A:ALA:HB3	1:150:A:THR:HG21	2	0.16
(30,1423)	1:149:A:ALA:HB3	1:150:A:THR:HG22	2	0.16
(30,1423)	1:149:A:ALA:HB3	1:150:A:THR:HG23	2	0.16
(30,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG11	9	0.16
(30,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG12	9	0.16
(30,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG13	9	0.16
(30,1353)	1:121:A:VAL:H	1:121:A:VAL:HG11	12	0.16
(30,1353)	1:121:A:VAL:H	1:121:A:VAL:HG12	12	0.16
(30,1353)	1:121:A:VAL:H	1:121:A:VAL:HG13	12	0.16
(30,1300)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	2	0.16
(30,1300)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	2	0.16
(30,1300)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	2	0.16
(30,1245)	1:37:A:LEU:HD11	1:38:A:GLU:HA	7	0.16
(30,1245)	1:37:A:LEU:HD12	1:38:A:GLU:HA	7	0.16
(30,1245)	1:37:A:LEU:HD13	1:38:A:GLU:HA	7	0.16
(30,1215)	1:110:A:MET:HA	1:113:A:PHE:HB2	5	0.16
(30,1027)	1:11:A:ILE:HB	1:44:A:GLU:HB2	17	0.16
(30,1027)	1:11:A:ILE:HB	1:44:A:GLU:HB3	17	0.16
(30,988)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	1	0.16
(30,988)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	10	0.16
(30,946)	1:40:A:LEU:HA	1:43:A:MET:HG2	14	0.16
(30,919)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	13	0.16
(30,919)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	13	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,919)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	13	0.16
(30,919)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	13	0.16
(30,919)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	13	0.16
(30,919)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	13	0.16
(30,918)	1:125:A:THR:HB	1:129:A:LYS:HG2	6	0.16
(30,902)	1:150:A:THR:H	1:150:A:THR:HB	13	0.16
(30,860)	1:57:A:LEU:HA	1:60:A:LEU:HB3	9	0.16
(30,784)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	6	0.16
(30,784)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	6	0.16
(30,784)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	6	0.16
(30,784)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	6	0.16
(30,784)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	6	0.16
(30,784)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	6	0.16
(30,784)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	9	0.16
(30,784)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	9	0.16
(30,784)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	9	0.16
(30,784)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	9	0.16
(30,784)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	9	0.16
(30,784)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	9	0.16
(30,783)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	2	0.16
(30,783)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	2	0.16
(30,783)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	2	0.16
(30,783)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	2	0.16
(30,783)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	2	0.16
(30,783)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	2	0.16
(30,783)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	9	0.16
(30,783)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	9	0.16
(30,783)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	9	0.16
(30,783)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	9	0.16
(30,783)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	9	0.16
(30,783)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	9	0.16
(30,769)	1:101:A:ILE:HD11	1:115:A:ALA:H	19	0.16
(30,769)	1:101:A:ILE:HD12	1:115:A:ALA:H	19	0.16
(30,769)	1:101:A:ILE:HD13	1:115:A:ALA:H	19	0.16
(30,756)	1:53:A:THR:H	1:53:A:THR:HG21	3	0.16
(30,756)	1:53:A:THR:H	1:53:A:THR:HG22	3	0.16
(30,756)	1:53:A:THR:H	1:53:A:THR:HG23	3	0.16
(30,738)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	13	0.16
(30,735)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	13	0.16
(30,735)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	13	0.16
(30,735)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	13	0.16
(30,734)	1:45:A:ALA:H	1:46:A:ASN:HD21	11	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,698)	1:98:A:ILE:H	1:104:A:PHE:H	19	0.16
(30,640)	1:66:A:THR:H	1:69:A:MET:HA	7	0.16
(30,627)	1:14:A:VAL:HB	1:15:A:ALA:H	14	0.16
(30,617)	1:23:A:LEU:HD21	1:25:A:ALA:H	3	0.16
(30,617)	1:23:A:LEU:HD22	1:25:A:ALA:H	3	0.16
(30,617)	1:23:A:LEU:HD23	1:25:A:ALA:H	3	0.16
(30,504)	1:97:A:ASP:HA	1:105:A:LYS:H	16	0.16
(30,488)	1:98:A:ILE:H	1:105:A:LYS:H	10	0.16
(30,441)	1:143:A:TRP:H	1:144:A:LEU:HD21	5	0.16
(30,441)	1:143:A:TRP:H	1:144:A:LEU:HD22	5	0.16
(30,441)	1:143:A:TRP:H	1:144:A:LEU:HD23	5	0.16
(30,399)	1:105:A:LYS:HG3	1:106:A:ASP:H	12	0.16
(30,376)	1:41:A:LYS:H	1:44:A:GLU:HB2	7	0.16
(30,376)	1:41:A:LYS:H	1:44:A:GLU:HB3	7	0.16
(30,355)	1:104:A:PHE:H	1:106:A:ASP:H	17	0.16
(30,328)	1:129:A:LYS:H	1:129:A:LYS:HG2	19	0.16
(30,312)	1:46:A:ASN:H	1:47:A:ALA:HB1	18	0.16
(30,312)	1:46:A:ASN:H	1:47:A:ALA:HB2	18	0.16
(30,312)	1:46:A:ASN:H	1:47:A:ALA:HB3	18	0.16
(30,285)	1:50:A:ALA:H	1:52:A:CYS:H	14	0.16
(30,231)	1:10:A:ASN:H	1:10:A:ASN:HB2	5	0.16
(30,224)	1:9:A:PHE:HE1	1:10:A:ASN:H	7	0.16
(30,224)	1:9:A:PHE:HE2	1:10:A:ASN:H	7	0.16
(30,170)	1:116:A:GLN:HA	1:120:A:CYS:H	2	0.16
(30,116)	1:22:A:ASP:H	1:23:A:LEU:HB2	15	0.16
(30,116)	1:22:A:ASP:H	1:23:A:LEU:HB3	15	0.16
(29,2391)	1:132:A:ALA:HB1	1:133:A:ASN:HB2	7	0.16
(29,2391)	1:132:A:ALA:HB1	1:133:A:ASN:HB3	7	0.16
(29,2391)	1:132:A:ALA:HB2	1:133:A:ASN:HB2	7	0.16
(29,2391)	1:132:A:ALA:HB2	1:133:A:ASN:HB3	7	0.16
(29,2391)	1:132:A:ALA:HB3	1:133:A:ASN:HB2	7	0.16
(29,2391)	1:132:A:ALA:HB3	1:133:A:ASN:HB3	7	0.16
(29,2287)	1:97:A:ASP:HA	1:105:A:LYS:HG2	1	0.16
(29,2287)	1:97:A:ASP:HA	1:105:A:LYS:HG3	1	0.16
(29,2280)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	16	0.16
(29,2280)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	16	0.16
(29,2280)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	16	0.16
(29,2280)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	16	0.16
(29,2280)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	16	0.16
(29,2280)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	16	0.16
(29,2270)	1:79:A:THR:HG21	1:81:A:GLU:HB2	14	0.16
(29,2270)	1:79:A:THR:HG21	1:81:A:GLU:HB3	14	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2270)	1:79:A:THR:HG22	1:81:A:GLU:HB2	14	0.16
(29,2270)	1:79:A:THR:HG22	1:81:A:GLU:HB3	14	0.16
(29,2270)	1:79:A:THR:HG23	1:81:A:GLU:HB2	14	0.16
(29,2270)	1:79:A:THR:HG23	1:81:A:GLU:HB3	14	0.16
(29,2241)	1:69:A:MET:HG2	1:109:A:PRO:HA	10	0.16
(29,2241)	1:69:A:MET:HG3	1:109:A:PRO:HA	10	0.16
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD11	18	0.16
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD12	18	0.16
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD13	18	0.16
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD21	18	0.16
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD22	18	0.16
(29,2153)	1:43:A:MET:H	1:144:A:LEU:HD23	18	0.16
(29,2137)	1:40:A:LEU:HD11	1:41:A:LYS:H	17	0.16
(29,2137)	1:40:A:LEU:HD12	1:41:A:LYS:H	17	0.16
(29,2137)	1:40:A:LEU:HD13	1:41:A:LYS:H	17	0.16
(29,2137)	1:40:A:LEU:HD21	1:41:A:LYS:H	17	0.16
(29,2137)	1:40:A:LEU:HD22	1:41:A:LYS:H	17	0.16
(29,2137)	1:40:A:LEU:HD23	1:41:A:LYS:H	17	0.16
(29,2129)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	19	0.16
(29,2129)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	19	0.16
(29,2129)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	19	0.16
(29,2129)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	19	0.16
(29,2129)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	19	0.16
(29,2129)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	19	0.16
(29,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD11	19	0.16
(29,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD12	19	0.16
(29,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD13	19	0.16
(29,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD21	19	0.16
(29,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD22	19	0.16
(29,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD23	19	0.16
(29,1967)	1:10:A:ASN:HD21	1:14:A:VAL:HB	1	0.16
(29,1967)	1:10:A:ASN:HD22	1:14:A:VAL:HB	1	0.16
(29,1931)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	19	0.16
(29,1918)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	3	0.16
(29,1918)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	3	0.16
(29,1918)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	3	0.16
(29,1918)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	3	0.16
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	3	0.16
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	3	0.16
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	3	0.16
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	3	0.16
(29,1847)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	9	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1836)	1:113:A:PHE:HD1	1:114:A:ILE:HD11	6	0.16
(29,1836)	1:113:A:PHE:HD1	1:114:A:ILE:HD12	6	0.16
(29,1836)	1:113:A:PHE:HD1	1:114:A:ILE:HD13	6	0.16
(29,1836)	1:113:A:PHE:HD2	1:114:A:ILE:HD11	6	0.16
(29,1836)	1:113:A:PHE:HD2	1:114:A:ILE:HD12	6	0.16
(29,1836)	1:113:A:PHE:HD2	1:114:A:ILE:HD13	6	0.16
(29,1772)	1:36:A:PRO:HA	1:37:A:LEU:HG	4	0.16
(29,1772)	1:36:A:PRO:HA	1:37:A:LEU:HG	14	0.16
(29,1726)	1:141:A:LYS:HA	1:145:A:PRO:HD3	6	0.16
(29,1718)	1:43:A:MET:HG2	1:43:A:MET:HE1	18	0.16
(29,1718)	1:43:A:MET:HG2	1:43:A:MET:HE2	18	0.16
(29,1718)	1:43:A:MET:HG2	1:43:A:MET:HE3	18	0.16
(29,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	16	0.16
(29,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	16	0.16
(29,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	16	0.16
(29,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	16	0.16
(29,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	16	0.16
(29,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	16	0.16
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	1	0.16
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	1	0.16
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	1	0.16
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	1	0.16
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	1	0.16
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	1	0.16
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE1	11	0.16
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE2	11	0.16
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE3	11	0.16
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE1	11	0.16
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE2	11	0.16
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE3	11	0.16
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE1	11	0.16
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE2	11	0.16
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE3	11	0.16
(29,1550)	1:110:A:MET:H	1:110:A:MET:HE1	2	0.16
(29,1550)	1:110:A:MET:H	1:110:A:MET:HE2	2	0.16
(29,1550)	1:110:A:MET:H	1:110:A:MET:HE3	2	0.16
(29,1550)	1:110:A:MET:H	1:110:A:MET:HE1	8	0.16
(29,1550)	1:110:A:MET:H	1:110:A:MET:HE2	8	0.16
(29,1550)	1:110:A:MET:H	1:110:A:MET:HE3	8	0.16
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE1	14	0.16
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE2	14	0.16
(29,1512)	1:12:A:VAL:H	1:43:A:MET:HE3	14	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1510)	1:15:A:ALA:H	1:43:A:MET:HE1	18	0.16
(29,1510)	1:15:A:ALA:H	1:43:A:MET:HE2	18	0.16
(29,1510)	1:15:A:ALA:H	1:43:A:MET:HE3	18	0.16
(29,1507)	1:114:A:ILE:HG21	1:117:A:VAL:HB	1	0.16
(29,1507)	1:114:A:ILE:HG22	1:117:A:VAL:HB	1	0.16
(29,1507)	1:114:A:ILE:HG23	1:117:A:VAL:HB	1	0.16
(29,1434)	1:121:A:VAL:HG21	1:122:A:ASP:H	6	0.16
(29,1434)	1:121:A:VAL:HG22	1:122:A:ASP:H	6	0.16
(29,1434)	1:121:A:VAL:HG23	1:122:A:ASP:H	6	0.16
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG11	7	0.16
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG12	7	0.16
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG13	7	0.16
(29,1362)	1:121:A:VAL:H	1:121:A:VAL:HG11	12	0.16
(29,1362)	1:121:A:VAL:H	1:121:A:VAL:HG12	12	0.16
(29,1362)	1:121:A:VAL:H	1:121:A:VAL:HG13	12	0.16
(29,1317)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	2	0.16
(29,1317)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	2	0.16
(29,1317)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	2	0.16
(29,1219)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	10	0.16
(29,1219)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	10	0.16
(29,1219)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	10	0.16
(29,1191)	1:128:A:LEU:HD21	1:129:A:LYS:H	3	0.16
(29,1191)	1:128:A:LEU:HD22	1:129:A:LYS:H	3	0.16
(29,1191)	1:128:A:LEU:HD23	1:129:A:LYS:H	3	0.16
(29,1191)	1:128:A:LEU:HD21	1:129:A:LYS:H	4	0.16
(29,1191)	1:128:A:LEU:HD22	1:129:A:LYS:H	4	0.16
(29,1191)	1:128:A:LEU:HD23	1:129:A:LYS:H	4	0.16
(29,1182)	1:140:A:LEU:H	1:140:A:LEU:HD21	4	0.16
(29,1182)	1:140:A:LEU:H	1:140:A:LEU:HD22	4	0.16
(29,1182)	1:140:A:LEU:H	1:140:A:LEU:HD23	4	0.16
(29,1051)	1:11:A:ILE:HB	1:44:A:GLU:HB2	17	0.16
(29,1051)	1:11:A:ILE:HB	1:44:A:GLU:HB3	17	0.16
(29,933)	1:125:A:THR:HB	1:129:A:LYS:HG2	6	0.16
(29,858)	1:49:A:LYS:HA	1:49:A:LYS:HE2	13	0.16
(29,858)	1:49:A:LYS:HA	1:49:A:LYS:HE3	13	0.16
(29,857)	1:68:A:LYS:HA	1:68:A:LYS:HE2	15	0.16
(29,857)	1:68:A:LYS:HA	1:68:A:LYS:HE3	15	0.16
(29,828)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	19	0.16
(29,828)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	19	0.16
(29,828)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	19	0.16
(29,828)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	19	0.16
(29,828)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	19	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,828)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	19	0.16
(29,805)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	6	0.16
(29,805)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	6	0.16
(29,805)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	6	0.16
(29,805)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	6	0.16
(29,805)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	6	0.16
(29,805)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	6	0.16
(29,805)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	9	0.16
(29,805)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	9	0.16
(29,805)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	9	0.16
(29,805)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	9	0.16
(29,805)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	9	0.16
(29,805)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	9	0.16
(29,753)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	13	0.16
(29,744)	1:45:A:ALA:H	1:46:A:ASN:HD21	11	0.16
(29,730)	1:115:A:ALA:HB1	1:116:A:GLN:HE21	19	0.16
(29,730)	1:115:A:ALA:HB2	1:116:A:GLN:HE21	19	0.16
(29,730)	1:115:A:ALA:HB3	1:116:A:GLN:HE21	19	0.16
(29,723)	1:48:A:ARG:HE	1:49:A:LYS:H	1	0.16
(29,704)	1:98:A:ILE:H	1:100:A:ALA:H	8	0.16
(29,636)	1:9:A:PHE:HE1	1:58:A:ILE:H	14	0.16
(29,636)	1:9:A:PHE:HE2	1:58:A:ILE:H	14	0.16
(29,622)	1:23:A:LEU:HD21	1:25:A:ALA:H	3	0.16
(29,622)	1:23:A:LEU:HD22	1:25:A:ALA:H	3	0.16
(29,622)	1:23:A:LEU:HD23	1:25:A:ALA:H	3	0.16
(29,565)	1:116:A:GLN:H	1:116:A:GLN:HE22	6	0.16
(29,486)	1:147:A:ARG:HG2	1:148:A:CYS:H	9	0.16
(29,486)	1:147:A:ARG:HG3	1:148:A:CYS:H	9	0.16
(29,454)	1:142:A:LYS:H	1:143:A:TRP:HB2	8	0.16
(29,351)	1:104:A:PHE:H	1:104:A:PHE:HD1	1	0.16
(29,351)	1:104:A:PHE:H	1:104:A:PHE:HD2	1	0.16
(29,341)	1:110:A:MET:HG2	1:111:A:GLU:H	10	0.16
(29,341)	1:110:A:MET:HG3	1:111:A:GLU:H	10	0.16
(29,326)	1:129:A:LYS:H	1:129:A:LYS:HG2	19	0.16
(29,233)	1:44:A:GLU:HG3	1:48:A:ARG:H	16	0.16
(29,119)	1:22:A:ASP:H	1:23:A:LEU:HB2	15	0.16
(29,119)	1:22:A:ASP:H	1:23:A:LEU:HB3	15	0.16
(29,111)	1:69:A:MET:H	1:70:A:LYS:HG3	7	0.16
(29,72)	1:79:A:THR:HG21	1:81:A:GLU:H	18	0.16
(29,72)	1:79:A:THR:HG22	1:81:A:GLU:H	18	0.16
(29,72)	1:79:A:THR:HG23	1:81:A:GLU:H	18	0.16
(29,49)	1:44:A:GLU:HG3	1:47:A:ALA:H	3	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(28,3)	1:59:A:CYS:CB	1:120:A:CYS:CB	6	0.16
(24,41)	1:120:A:CYS:H	1:116:A:GLN:O	6	0.16
(24,41)	1:120:A:CYS:H	1:116:A:GLN:O	17	0.16
(24,29)	1:114:A:ILE:H	1:110:A:MET:O	3	0.16
(24,29)	1:114:A:ILE:H	1:110:A:MET:O	4	0.16
(24,29)	1:114:A:ILE:H	1:110:A:MET:O	12	0.16
(24,29)	1:114:A:ILE:H	1:110:A:MET:O	13	0.16
(24,27)	1:113:A:PHE:H	1:109:A:PRO:O	7	0.16
(24,27)	1:113:A:PHE:H	1:109:A:PRO:O	14	0.16
(24,25)	1:107:A:LEU:H	1:103:A:ARG:O	18	0.16
(24,2)	1:124:A:THR:OG1	1:127:A:CYS:H	9	0.16
(23,14)	1:115:A:ALA:N	1:111:A:GLU:O	16	0.16
(23,11)	1:107:A:LEU:N	1:103:A:ARG:O	6	0.16
(23,6)	1:59:A:CYS:N	1:55:A:GLY:O	7	0.16
(23,4)	1:45:A:ALA:N	1:41:A:LYS:O	18	0.16
(22,22)	1:107:A:LEU:N	1:103:A:ARG:C	11	0.16
(22,20)	1:101:A:ILE:N	1:98:A:ILE:C	6	0.16
(22,18)	1:73:A:ILE:N	1:69:A:MET:C	8	0.16
(20,5)	1:52:A:CYS:SG	1:127:A:CYS:SG	1	0.16
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD11	10	0.16
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD12	10	0.16
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD13	10	0.16
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD21	10	0.16
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD22	10	0.16
(18,2427)	1:139:A:LEU:H	1:140:A:LEU:HD23	10	0.16
(18,2379)	1:126:A:GLY:H	1:128:A:LEU:HD11	5	0.16
(18,2379)	1:126:A:GLY:H	1:128:A:LEU:HD12	5	0.16
(18,2379)	1:126:A:GLY:H	1:128:A:LEU:HD13	5	0.16
(18,2379)	1:126:A:GLY:H	1:128:A:LEU:HD21	5	0.16
(18,2379)	1:126:A:GLY:H	1:128:A:LEU:HD22	5	0.16
(18,2379)	1:126:A:GLY:H	1:128:A:LEU:HD23	5	0.16
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD11	18	0.16
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD12	18	0.16
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD13	18	0.16
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD21	18	0.16
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD22	18	0.16
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD23	18	0.16
(18,2284)	1:97:A:ASP:HA	1:105:A:LYS:HG2	1	0.16
(18,2284)	1:97:A:ASP:HA	1:105:A:LYS:HG3	1	0.16
(18,2226)	1:60:A:LEU:HD11	1:123:A:CYS:H	9	0.16
(18,2226)	1:60:A:LEU:HD12	1:123:A:CYS:H	9	0.16
(18,2226)	1:60:A:LEU:HD13	1:123:A:CYS:H	9	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2226)	1:60:A:LEU:HD21	1:123:A:CYS:H	9	0.16
(18,2226)	1:60:A:LEU:HD22	1:123:A:CYS:H	9	0.16
(18,2226)	1:60:A:LEU:HD23	1:123:A:CYS:H	9	0.16
(18,2214)	1:59:A:CYS:H	1:60:A:LEU:HD11	5	0.16
(18,2214)	1:59:A:CYS:H	1:60:A:LEU:HD12	5	0.16
(18,2214)	1:59:A:CYS:H	1:60:A:LEU:HD13	5	0.16
(18,2214)	1:59:A:CYS:H	1:60:A:LEU:HD21	5	0.16
(18,2214)	1:59:A:CYS:H	1:60:A:LEU:HD22	5	0.16
(18,2214)	1:59:A:CYS:H	1:60:A:LEU:HD23	5	0.16
(18,2173)	1:47:A:ALA:H	1:131:A:LEU:HD11	18	0.16
(18,2173)	1:47:A:ALA:H	1:131:A:LEU:HD12	18	0.16
(18,2173)	1:47:A:ALA:H	1:131:A:LEU:HD13	18	0.16
(18,2173)	1:47:A:ALA:H	1:131:A:LEU:HD21	18	0.16
(18,2173)	1:47:A:ALA:H	1:131:A:LEU:HD22	18	0.16
(18,2173)	1:47:A:ALA:H	1:131:A:LEU:HD23	18	0.16
(18,2110)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	1	0.16
(18,2110)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	1	0.16
(18,2110)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	1	0.16
(18,2110)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	1	0.16
(18,2110)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	1	0.16
(18,2110)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	1	0.16
(18,2110)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	1	0.16
(18,2110)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	1	0.16
(18,2110)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	1	0.16
(18,2110)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	1	0.16
(18,2110)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	1	0.16
(18,2110)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	1	0.16
(18,1974)	1:12:A:VAL:HG11	1:43:A:MET:H	4	0.16
(18,1974)	1:12:A:VAL:HG12	1:43:A:MET:H	4	0.16
(18,1974)	1:12:A:VAL:HG13	1:43:A:MET:H	4	0.16
(18,1974)	1:12:A:VAL:HG21	1:43:A:MET:H	4	0.16
(18,1974)	1:12:A:VAL:HG22	1:43:A:MET:H	4	0.16
(18,1974)	1:12:A:VAL:HG23	1:43:A:MET:H	4	0.16
(18,1974)	1:12:A:VAL:HG11	1:43:A:MET:H	9	0.16
(18,1974)	1:12:A:VAL:HG12	1:43:A:MET:H	9	0.16
(18,1974)	1:12:A:VAL:HG13	1:43:A:MET:H	9	0.16
(18,1974)	1:12:A:VAL:HG21	1:43:A:MET:H	9	0.16
(18,1974)	1:12:A:VAL:HG22	1:43:A:MET:H	9	0.16
(18,1974)	1:12:A:VAL:HG23	1:43:A:MET:H	9	0.16
(18,1959)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	6	0.16
(18,1959)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	6	0.16
(18,1959)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	6	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1959)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	6	0.16
(18,1959)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	6	0.16
(18,1959)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	6	0.16
(18,1868)	1:68:A:LYS:HA	1:72:A:PHE:HE1	11	0.16
(18,1868)	1:68:A:LYS:HA	1:72:A:PHE:HE2	11	0.16
(18,1865)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	16	0.16
(18,1865)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	16	0.16
(18,1782)	1:9:A:PHE:HD1	1:11:A:ILE:HB	4	0.16
(18,1782)	1:9:A:PHE:HD2	1:11:A:ILE:HB	4	0.16
(18,1778)	1:68:A:LYS:HA	1:72:A:PHE:HD1	17	0.16
(18,1778)	1:68:A:LYS:HA	1:72:A:PHE:HD2	17	0.16
(18,1774)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	14	0.16
(18,1774)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	14	0.16
(18,1774)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	14	0.16
(18,1774)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	14	0.16
(18,1774)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	14	0.16
(18,1774)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	14	0.16
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD1	3	0.16
(18,1769)	1:34:A:LYS:HG2	1:80:A:TYR:HD2	3	0.16
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD1	3	0.16
(18,1769)	1:34:A:LYS:HG3	1:80:A:TYR:HD2	3	0.16
(18,1749)	1:97:A:ASP:HA	1:105:A:LYS:HA	12	0.16
(18,1734)	1:36:A:PRO:HA	1:37:A:LEU:HG	4	0.16
(18,1734)	1:36:A:PRO:HA	1:37:A:LEU:HG	14	0.16
(18,1691)	1:141:A:LYS:HA	1:145:A:PRO:HD3	6	0.16
(18,1683)	1:43:A:MET:HG2	1:43:A:MET:HE1	18	0.16
(18,1683)	1:43:A:MET:HG2	1:43:A:MET:HE2	18	0.16
(18,1683)	1:43:A:MET:HG2	1:43:A:MET:HE3	18	0.16
(18,1615)	1:34:A:LYS:H	1:80:A:TYR:HA	11	0.16
(18,1594)	1:73:A:ILE:HG21	1:76:A:ARG:HE	18	0.16
(18,1594)	1:73:A:ILE:HG22	1:76:A:ARG:HE	18	0.16
(18,1594)	1:73:A:ILE:HG23	1:76:A:ARG:HE	18	0.16
(18,1588)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	4	0.16
(18,1588)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	4	0.16
(18,1588)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	4	0.16
(18,1575)	1:98:A:ILE:HG21	1:104:A:PHE:HE1	11	0.16
(18,1575)	1:98:A:ILE:HG21	1:104:A:PHE:HE2	11	0.16
(18,1575)	1:98:A:ILE:HG22	1:104:A:PHE:HE1	11	0.16
(18,1575)	1:98:A:ILE:HG22	1:104:A:PHE:HE2	11	0.16
(18,1575)	1:98:A:ILE:HG23	1:104:A:PHE:HE1	11	0.16
(18,1575)	1:98:A:ILE:HG23	1:104:A:PHE:HE2	11	0.16
(18,1512)	1:69:A:MET:HE1	1:113:A:PHE:HD1	4	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1512)	1:69:A:MET:HE1	1:113:A:PHE:HD2	4	0.16
(18,1512)	1:69:A:MET:HE2	1:113:A:PHE:HD1	4	0.16
(18,1512)	1:69:A:MET:HE2	1:113:A:PHE:HD2	4	0.16
(18,1512)	1:69:A:MET:HE3	1:113:A:PHE:HD1	4	0.16
(18,1512)	1:69:A:MET:HE3	1:113:A:PHE:HD2	4	0.16
(18,1511)	1:110:A:MET:HE1	1:113:A:PHE:HE1	11	0.16
(18,1511)	1:110:A:MET:HE1	1:113:A:PHE:HE2	11	0.16
(18,1511)	1:110:A:MET:HE2	1:113:A:PHE:HE1	11	0.16
(18,1511)	1:110:A:MET:HE2	1:113:A:PHE:HE2	11	0.16
(18,1511)	1:110:A:MET:HE3	1:113:A:PHE:HE1	11	0.16
(18,1511)	1:110:A:MET:HE3	1:113:A:PHE:HE2	11	0.16
(18,1508)	1:69:A:MET:HE1	1:115:A:ALA:H	6	0.16
(18,1508)	1:69:A:MET:HE2	1:115:A:ALA:H	6	0.16
(18,1508)	1:69:A:MET:HE3	1:115:A:ALA:H	6	0.16
(18,1499)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	6	0.16
(18,1499)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	6	0.16
(18,1499)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	6	0.16
(18,1491)	1:15:A:ALA:H	1:43:A:MET:HE1	18	0.16
(18,1491)	1:15:A:ALA:H	1:43:A:MET:HE2	18	0.16
(18,1491)	1:15:A:ALA:H	1:43:A:MET:HE3	18	0.16
(18,1433)	1:101:A:ILE:HG21	1:115:A:ALA:HB1	19	0.16
(18,1433)	1:101:A:ILE:HG21	1:115:A:ALA:HB2	19	0.16
(18,1433)	1:101:A:ILE:HG21	1:115:A:ALA:HB3	19	0.16
(18,1433)	1:101:A:ILE:HG22	1:115:A:ALA:HB1	19	0.16
(18,1433)	1:101:A:ILE:HG22	1:115:A:ALA:HB2	19	0.16
(18,1433)	1:101:A:ILE:HG22	1:115:A:ALA:HB3	19	0.16
(18,1433)	1:101:A:ILE:HG23	1:115:A:ALA:HB1	19	0.16
(18,1433)	1:101:A:ILE:HG23	1:115:A:ALA:HB2	19	0.16
(18,1433)	1:101:A:ILE:HG23	1:115:A:ALA:HB3	19	0.16
(18,1416)	1:149:A:ALA:HB1	1:150:A:THR:HG21	2	0.16
(18,1416)	1:149:A:ALA:HB1	1:150:A:THR:HG22	2	0.16
(18,1416)	1:149:A:ALA:HB1	1:150:A:THR:HG23	2	0.16
(18,1416)	1:149:A:ALA:HB2	1:150:A:THR:HG21	2	0.16
(18,1416)	1:149:A:ALA:HB2	1:150:A:THR:HG22	2	0.16
(18,1416)	1:149:A:ALA:HB2	1:150:A:THR:HG23	2	0.16
(18,1416)	1:149:A:ALA:HB3	1:150:A:THR:HG21	2	0.16
(18,1416)	1:149:A:ALA:HB3	1:150:A:THR:HG22	2	0.16
(18,1416)	1:149:A:ALA:HB3	1:150:A:THR:HG23	2	0.16
(18,1407)	1:101:A:ILE:HG21	1:102:A:PRO:HD3	4	0.16
(18,1407)	1:101:A:ILE:HG22	1:102:A:PRO:HD3	4	0.16
(18,1407)	1:101:A:ILE:HG23	1:102:A:PRO:HD3	4	0.16
(18,1407)	1:101:A:ILE:HG21	1:102:A:PRO:HD3	17	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1407)	1:101:A:ILE:HG22	1:102:A:PRO:HD3	17	0.16
(18,1407)	1:101:A:ILE:HG23	1:102:A:PRO:HD3	17	0.16
(18,1356)	1:119:A:LEU:HB2	1:121:A:VAL:HG11	12	0.16
(18,1356)	1:119:A:LEU:HB2	1:121:A:VAL:HG12	12	0.16
(18,1356)	1:119:A:LEU:HB2	1:121:A:VAL:HG13	12	0.16
(18,1348)	1:121:A:VAL:H	1:121:A:VAL:HG11	12	0.16
(18,1348)	1:121:A:VAL:H	1:121:A:VAL:HG12	12	0.16
(18,1348)	1:121:A:VAL:H	1:121:A:VAL:HG13	12	0.16
(18,1300)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	2	0.16
(18,1300)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	2	0.16
(18,1300)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	2	0.16
(18,1271)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	12	0.16
(18,1271)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	12	0.16
(18,1271)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	12	0.16
(18,1271)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	12	0.16
(18,1271)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	12	0.16
(18,1271)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	12	0.16
(18,1271)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	13	0.16
(18,1271)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	13	0.16
(18,1271)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	13	0.16
(18,1271)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	13	0.16
(18,1271)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	13	0.16
(18,1271)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	13	0.16
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	2	0.16
(18,1260)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	2	0.16
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	2	0.16
(18,1260)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	2	0.16
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	2	0.16
(18,1260)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	2	0.16
(18,1124)	1:43:A:MET:HA	1:43:A:MET:HG3	11	0.16
(18,1099)	1:138:A:ASP:HA	1:141:A:LYS:HA	1	0.16
(18,1099)	1:138:A:ASP:HA	1:141:A:LYS:HA	10	0.16
(18,1098)	1:108:A:GLU:HB2	1:109:A:PRO:HD3	1	0.16
(18,1089)	1:38:A:GLU:HA	1:41:A:LYS:H	8	0.16
(18,1029)	1:81:A:GLU:H	1:81:A:GLU:HB2	17	0.16
(18,1005)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	1	0.16
(18,1005)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	1	0.16
(18,1005)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	1	0.16
(18,1005)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	1	0.16
(18,1005)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	1	0.16
(18,1005)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	1	0.16
(18,1004)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	1	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1004)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	10	0.16
(18,871)	1:35:A:LEU:HB3	1:39:A:VAL:HB	14	0.16
(18,855)	1:49:A:LYS:HA	1:49:A:LYS:HE2	13	0.16
(18,855)	1:49:A:LYS:HA	1:49:A:LYS:HE3	13	0.16
(18,854)	1:68:A:LYS:HA	1:68:A:LYS:HE2	15	0.16
(18,854)	1:68:A:LYS:HA	1:68:A:LYS:HE3	15	0.16
(18,825)	1:98:A:ILE:HD11	1:101:A:ILE:H	5	0.16
(18,825)	1:98:A:ILE:HD12	1:101:A:ILE:H	5	0.16
(18,825)	1:98:A:ILE:HD13	1:101:A:ILE:H	5	0.16
(18,824)	1:64:A:LYS:H	1:98:A:ILE:HD11	16	0.16
(18,824)	1:64:A:LYS:H	1:98:A:ILE:HD12	16	0.16
(18,824)	1:64:A:LYS:H	1:98:A:ILE:HD13	16	0.16
(18,818)	1:95:A:ILE:HA	1:95:A:ILE:HD11	4	0.16
(18,818)	1:95:A:ILE:HA	1:95:A:ILE:HD12	4	0.16
(18,818)	1:95:A:ILE:HA	1:95:A:ILE:HD13	4	0.16
(18,812)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	15	0.16
(18,812)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	15	0.16
(18,812)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	15	0.16
(18,812)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	15	0.16
(18,812)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	15	0.16
(18,812)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	15	0.16
(18,756)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	13	0.16
(18,752)	1:45:A:ALA:H	1:46:A:ASN:HD21	11	0.16
(18,700)	1:144:A:LEU:H	1:145:A:PRO:HB3	14	0.16
(18,641)	1:14:A:VAL:HB	1:15:A:ALA:H	14	0.16
(18,630)	1:23:A:LEU:HD21	1:25:A:ALA:H	3	0.16
(18,630)	1:23:A:LEU:HD22	1:25:A:ALA:H	3	0.16
(18,630)	1:23:A:LEU:HD23	1:25:A:ALA:H	3	0.16
(18,543)	1:71:A:LYS:HB2	1:72:A:PHE:H	14	0.16
(18,522)	1:97:A:ASP:HA	1:105:A:LYS:H	16	0.16
(18,500)	1:79:A:THR:H	1:79:A:THR:HG21	7	0.16
(18,500)	1:79:A:THR:H	1:79:A:THR:HG22	7	0.16
(18,500)	1:79:A:THR:H	1:79:A:THR:HG23	7	0.16
(18,463)	1:142:A:LYS:H	1:143:A:TRP:HB2	8	0.16
(18,362)	1:104:A:PHE:H	1:106:A:ASP:H	17	0.16
(18,292)	1:50:A:ALA:H	1:52:A:CYS:H	11	0.16
(18,228)	1:9:A:PHE:HE1	1:10:A:ASN:H	7	0.16
(18,228)	1:9:A:PHE:HE2	1:10:A:ASN:H	7	0.16
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD11	1	0.16
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD12	1	0.16
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD13	1	0.16
(18,194)	1:44:A:GLU:H	1:44:A:GLU:HG3	8	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,166)	1:95:A:ILE:H	1:95:A:ILE:HB	13	0.16
(18,74)	1:79:A:THR:HG21	1:81:A:GLU:H	18	0.16
(18,74)	1:79:A:THR:HG22	1:81:A:GLU:H	18	0.16
(18,74)	1:79:A:THR:HG23	1:81:A:GLU:H	18	0.16
(18,60)	1:11:A:ILE:HD11	1:47:A:ALA:H	4	0.16
(18,60)	1:11:A:ILE:HD12	1:47:A:ALA:H	4	0.16
(18,60)	1:11:A:ILE:HD13	1:47:A:ALA:H	4	0.16
(17,2339)	1:107:A:LEU:HD11	1:112:A:GLN:HA	16	0.16
(17,2339)	1:107:A:LEU:HD12	1:112:A:GLN:HA	16	0.16
(17,2339)	1:107:A:LEU:HD13	1:112:A:GLN:HA	16	0.16
(17,2339)	1:107:A:LEU:HD21	1:112:A:GLN:HA	16	0.16
(17,2339)	1:107:A:LEU:HD22	1:112:A:GLN:HA	16	0.16
(17,2339)	1:107:A:LEU:HD23	1:112:A:GLN:HA	16	0.16
(17,2299)	1:98:A:ILE:H	1:104:A:PHE:HB2	6	0.16
(17,2299)	1:98:A:ILE:H	1:104:A:PHE:HB3	6	0.16
(17,2298)	1:97:A:ASP:HA	1:105:A:LYS:HG2	1	0.16
(17,2298)	1:97:A:ASP:HA	1:105:A:LYS:HG3	1	0.16
(17,2293)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	15	0.16
(17,2293)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	15	0.16
(17,2293)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	15	0.16
(17,2293)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	15	0.16
(17,2293)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	15	0.16
(17,2293)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	15	0.16
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	9	0.16
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	9	0.16
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	9	0.16
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	9	0.16
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	9	0.16
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	9	0.16
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG11	17	0.16
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG12	17	0.16
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG13	17	0.16
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG21	17	0.16
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG22	17	0.16
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG23	17	0.16
(17,2144)	1:40:A:LEU:HD11	1:41:A:LYS:H	19	0.16
(17,2144)	1:40:A:LEU:HD12	1:41:A:LYS:H	19	0.16
(17,2144)	1:40:A:LEU:HD13	1:41:A:LYS:H	19	0.16
(17,2144)	1:40:A:LEU:HD21	1:41:A:LYS:H	19	0.16
(17,2144)	1:40:A:LEU:HD22	1:41:A:LYS:H	19	0.16
(17,2144)	1:40:A:LEU:HD23	1:41:A:LYS:H	19	0.16
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD11	6	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD12	6	0.16
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD13	6	0.16
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD21	6	0.16
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD22	6	0.16
(17,2114)	1:39:A:VAL:H	1:139:A:LEU:HD23	6	0.16
(17,2102)	1:37:A:LEU:H	1:40:A:LEU:HB2	19	0.16
(17,2102)	1:37:A:LEU:H	1:40:A:LEU:HB3	19	0.16
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	9	0.16
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	9	0.16
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	9	0.16
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	9	0.16
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	9	0.16
(17,2098)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	9	0.16
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	5	0.16
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	5	0.16
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	5	0.16
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	5	0.16
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	5	0.16
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	5	0.16
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	5	0.16
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	5	0.16
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	5	0.16
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	5	0.16
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	5	0.16
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	5	0.16
(17,2052)	1:23:A:LEU:HD11	1:27:A:ARG:HA	19	0.16
(17,2052)	1:23:A:LEU:HD12	1:27:A:ARG:HA	19	0.16
(17,2052)	1:23:A:LEU:HD13	1:27:A:ARG:HA	19	0.16
(17,2052)	1:23:A:LEU:HD21	1:27:A:ARG:HA	19	0.16
(17,2052)	1:23:A:LEU:HD22	1:27:A:ARG:HA	19	0.16
(17,2052)	1:23:A:LEU:HD23	1:27:A:ARG:HA	19	0.16
(17,2023)	1:16:A:SER:HB2	1:43:A:MET:HE1	19	0.16
(17,2023)	1:16:A:SER:HB2	1:43:A:MET:HE2	19	0.16
(17,2023)	1:16:A:SER:HB2	1:43:A:MET:HE3	19	0.16
(17,2023)	1:16:A:SER:HB3	1:43:A:MET:HE1	19	0.16
(17,2023)	1:16:A:SER:HB3	1:43:A:MET:HE2	19	0.16
(17,2023)	1:16:A:SER:HB3	1:43:A:MET:HE3	19	0.16
(17,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD11	19	0.16
(17,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD12	19	0.16
(17,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD13	19	0.16
(17,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD21	19	0.16
(17,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD22	19	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD23	19	0.16
(17,1927)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	8	0.16
(17,1927)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	8	0.16
(17,1927)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	8	0.16
(17,1927)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	8	0.16
(17,1927)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	8	0.16
(17,1927)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	8	0.16
(17,1916)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	3	0.16
(17,1916)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	3	0.16
(17,1916)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	3	0.16
(17,1916)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	3	0.16
(17,1893)	1:71:A:LYS:HA	1:72:A:PHE:HD1	6	0.16
(17,1893)	1:71:A:LYS:HA	1:72:A:PHE:HD2	6	0.16
(17,1858)	1:59:A:CYS:HA	1:62:A:HIS:HD2	3	0.16
(17,1846)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	9	0.16
(17,1833)	1:113:A:PHE:HD1	1:114:A:ILE:HD11	6	0.16
(17,1833)	1:113:A:PHE:HD1	1:114:A:ILE:HD12	6	0.16
(17,1833)	1:113:A:PHE:HD1	1:114:A:ILE:HD13	6	0.16
(17,1833)	1:113:A:PHE:HD2	1:114:A:ILE:HD11	6	0.16
(17,1833)	1:113:A:PHE:HD2	1:114:A:ILE:HD12	6	0.16
(17,1833)	1:113:A:PHE:HD2	1:114:A:ILE:HD13	6	0.16
(17,1812)	1:9:A:PHE:HD1	1:11:A:ILE:HB	4	0.16
(17,1812)	1:9:A:PHE:HD2	1:11:A:ILE:HB	4	0.16
(17,1808)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	14	0.16
(17,1808)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	14	0.16
(17,1808)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	14	0.16
(17,1808)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	14	0.16
(17,1808)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	14	0.16
(17,1808)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	14	0.16
(17,1781)	1:97:A:ASP:HA	1:105:A:LYS:HA	12	0.16
(17,1767)	1:36:A:PRO:HA	1:37:A:LEU:HG	4	0.16
(17,1767)	1:36:A:PRO:HA	1:37:A:LEU:HG	14	0.16
(17,1741)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	9	0.16
(17,1741)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	9	0.16
(17,1741)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	9	0.16
(17,1741)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	13	0.16
(17,1741)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	13	0.16
(17,1741)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	13	0.16
(17,1736)	1:19:A:ALA:HB1	1:20:A:THR:HG21	19	0.16
(17,1736)	1:19:A:ALA:HB1	1:20:A:THR:HG22	19	0.16
(17,1736)	1:19:A:ALA:HB1	1:20:A:THR:HG23	19	0.16
(17,1736)	1:19:A:ALA:HB2	1:20:A:THR:HG21	19	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1736)	1:19:A:ALA:HB2	1:20:A:THR:HG22	19	0.16
(17,1736)	1:19:A:ALA:HB2	1:20:A:THR:HG23	19	0.16
(17,1736)	1:19:A:ALA:HB3	1:20:A:THR:HG21	19	0.16
(17,1736)	1:19:A:ALA:HB3	1:20:A:THR:HG22	19	0.16
(17,1736)	1:19:A:ALA:HB3	1:20:A:THR:HG23	19	0.16
(17,1725)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	18	0.16
(17,1634)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	1	0.16
(17,1634)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	1	0.16
(17,1634)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	1	0.16
(17,1556)	1:110:A:MET:H	1:110:A:MET:HE1	2	0.16
(17,1556)	1:110:A:MET:H	1:110:A:MET:HE2	2	0.16
(17,1556)	1:110:A:MET:H	1:110:A:MET:HE3	2	0.16
(17,1556)	1:110:A:MET:H	1:110:A:MET:HE1	8	0.16
(17,1556)	1:110:A:MET:H	1:110:A:MET:HE2	8	0.16
(17,1556)	1:110:A:MET:H	1:110:A:MET:HE3	8	0.16
(17,1542)	1:69:A:MET:HE1	1:113:A:PHE:HD1	4	0.16
(17,1542)	1:69:A:MET:HE1	1:113:A:PHE:HD2	4	0.16
(17,1542)	1:69:A:MET:HE2	1:113:A:PHE:HD1	4	0.16
(17,1542)	1:69:A:MET:HE2	1:113:A:PHE:HD2	4	0.16
(17,1542)	1:69:A:MET:HE3	1:113:A:PHE:HD1	4	0.16
(17,1542)	1:69:A:MET:HE3	1:113:A:PHE:HD2	4	0.16
(17,1532)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	6	0.16
(17,1532)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	6	0.16
(17,1532)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	6	0.16
(17,1503)	1:101:A:ILE:HG21	1:102:A:PRO:HA	6	0.16
(17,1503)	1:101:A:ILE:HG22	1:102:A:PRO:HA	6	0.16
(17,1503)	1:101:A:ILE:HG23	1:102:A:PRO:HA	6	0.16
(17,1491)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	2	0.16
(17,1491)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	2	0.16
(17,1491)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	2	0.16
(17,1491)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	2	0.16
(17,1491)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	2	0.16
(17,1491)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	2	0.16
(17,1442)	1:149:A:ALA:HB1	1:150:A:THR:HG21	2	0.16
(17,1442)	1:149:A:ALA:HB1	1:150:A:THR:HG22	2	0.16
(17,1442)	1:149:A:ALA:HB1	1:150:A:THR:HG23	2	0.16
(17,1442)	1:149:A:ALA:HB2	1:150:A:THR:HG21	2	0.16
(17,1442)	1:149:A:ALA:HB2	1:150:A:THR:HG22	2	0.16
(17,1442)	1:149:A:ALA:HB2	1:150:A:THR:HG23	2	0.16
(17,1442)	1:149:A:ALA:HB3	1:150:A:THR:HG21	2	0.16
(17,1442)	1:149:A:ALA:HB3	1:150:A:THR:HG22	2	0.16
(17,1442)	1:149:A:ALA:HB3	1:150:A:THR:HG23	2	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1375)	1:119:A:LEU:HA	1:121:A:VAL:HG11	9	0.16
(17,1375)	1:119:A:LEU:HA	1:121:A:VAL:HG12	9	0.16
(17,1375)	1:119:A:LEU:HA	1:121:A:VAL:HG13	9	0.16
(17,1371)	1:121:A:VAL:H	1:121:A:VAL:HG11	12	0.16
(17,1371)	1:121:A:VAL:H	1:121:A:VAL:HG12	12	0.16
(17,1371)	1:121:A:VAL:H	1:121:A:VAL:HG13	12	0.16
(17,1314)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	2	0.16
(17,1314)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	2	0.16
(17,1314)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	2	0.16
(17,1303)	1:18:A:PHE:HZ	1:60:A:LEU:HD21	14	0.16
(17,1303)	1:18:A:PHE:HZ	1:60:A:LEU:HD22	14	0.16
(17,1303)	1:18:A:PHE:HZ	1:60:A:LEU:HD23	14	0.16
(17,1255)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	17	0.16
(17,1255)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	17	0.16
(17,1255)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	17	0.16
(17,1255)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	17	0.16
(17,1255)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	17	0.16
(17,1255)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	17	0.16
(17,1218)	1:41:A:LYS:HG3	1:44:A:GLU:HG2	19	0.16
(17,1217)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	13	0.16
(17,1217)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	13	0.16
(17,1217)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	13	0.16
(17,1217)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	13	0.16
(17,1217)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	13	0.16
(17,1217)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	13	0.16
(17,1123)	1:41:A:LYS:HA	1:41:A:LYS:HG3	8	0.16
(17,1100)	1:68:A:LYS:HA	1:72:A:PHE:HD1	3	0.16
(17,1100)	1:68:A:LYS:HA	1:72:A:PHE:HD2	3	0.16
(17,1097)	1:141:A:LYS:HA	1:149:A:ALA:HB1	16	0.16
(17,1097)	1:141:A:LYS:HA	1:149:A:ALA:HB2	16	0.16
(17,1097)	1:141:A:LYS:HA	1:149:A:ALA:HB3	16	0.16
(17,1090)	1:38:A:GLU:HA	1:139:A:LEU:HD11	17	0.16
(17,1090)	1:38:A:GLU:HA	1:139:A:LEU:HD12	17	0.16
(17,1090)	1:38:A:GLU:HA	1:139:A:LEU:HD13	17	0.16
(17,1084)	1:103:A:ARG:HB2	1:104:A:PHE:HA	12	0.16
(17,1084)	1:103:A:ARG:HB3	1:104:A:PHE:HA	12	0.16
(17,1032)	1:8:A:ASP:H	1:58:A:ILE:HG13	10	0.16
(17,961)	1:96:A:VAL:HB	1:97:A:ASP:H	5	0.16
(17,935)	1:81:A:GLU:HA	1:81:A:GLU:HG2	13	0.16
(17,935)	1:81:A:GLU:HA	1:81:A:GLU:HG3	13	0.16
(17,875)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	17	0.16
(17,875)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	17	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,875)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	17	0.16
(17,872)	1:57:A:LEU:HA	1:60:A:LEU:HB3	9	0.16
(17,855)	1:49:A:LYS:HA	1:49:A:LYS:HE2	13	0.16
(17,855)	1:49:A:LYS:HA	1:49:A:LYS:HE3	13	0.16
(17,854)	1:68:A:LYS:HA	1:68:A:LYS:HE2	15	0.16
(17,854)	1:68:A:LYS:HA	1:68:A:LYS:HE3	15	0.16
(17,822)	1:98:A:ILE:HD11	1:101:A:ILE:H	5	0.16
(17,822)	1:98:A:ILE:HD12	1:101:A:ILE:H	5	0.16
(17,822)	1:98:A:ILE:HD13	1:101:A:ILE:H	5	0.16
(17,815)	1:95:A:ILE:HA	1:95:A:ILE:HD11	4	0.16
(17,815)	1:95:A:ILE:HA	1:95:A:ILE:HD12	4	0.16
(17,815)	1:95:A:ILE:HA	1:95:A:ILE:HD13	4	0.16
(17,803)	1:63:A:ILE:HD11	1:117:A:VAL:HB	13	0.16
(17,803)	1:63:A:ILE:HD12	1:117:A:VAL:HB	13	0.16
(17,803)	1:63:A:ILE:HD13	1:117:A:VAL:HB	13	0.16
(17,774)	1:55:A:GLY:HA3	1:58:A:ILE:HG21	11	0.16
(17,774)	1:55:A:GLY:HA3	1:58:A:ILE:HG22	11	0.16
(17,774)	1:55:A:GLY:HA3	1:58:A:ILE:HG23	11	0.16
(17,744)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	13	0.16
(17,726)	1:115:A:ALA:HB1	1:116:A:GLN:HE21	19	0.16
(17,726)	1:115:A:ALA:HB2	1:116:A:GLN:HE21	19	0.16
(17,726)	1:115:A:ALA:HB3	1:116:A:GLN:HE21	19	0.16
(17,720)	1:9:A:PHE:HD1	1:54:A:ARG:HE	14	0.16
(17,720)	1:9:A:PHE:HD2	1:54:A:ARG:HE	14	0.16
(17,643)	1:66:A:THR:H	1:69:A:MET:HA	7	0.16
(17,630)	1:14:A:VAL:HB	1:15:A:ALA:H	14	0.16
(17,616)	1:23:A:LEU:HD21	1:25:A:ALA:H	3	0.16
(17,616)	1:23:A:LEU:HD22	1:25:A:ALA:H	3	0.16
(17,616)	1:23:A:LEU:HD23	1:25:A:ALA:H	3	0.16
(17,555)	1:116:A:GLN:H	1:116:A:GLN:HE22	6	0.16
(17,499)	1:97:A:ASP:HA	1:105:A:LYS:H	16	0.16
(17,481)	1:79:A:THR:H	1:79:A:THR:HG21	7	0.16
(17,481)	1:79:A:THR:H	1:79:A:THR:HG22	7	0.16
(17,481)	1:79:A:THR:H	1:79:A:THR:HG23	7	0.16
(17,476)	1:147:A:ARG:HG2	1:148:A:CYS:H	9	0.16
(17,476)	1:147:A:ARG:HG3	1:148:A:CYS:H	9	0.16
(17,469)	1:103:A:ARG:H	1:103:A:ARG:HG2	17	0.16
(17,469)	1:103:A:ARG:H	1:103:A:ARG:HG3	17	0.16
(17,444)	1:142:A:LYS:H	1:143:A:TRP:HB2	8	0.16
(17,389)	1:105:A:LYS:HD2	1:106:A:ASP:H	1	0.16
(17,389)	1:105:A:LYS:HD3	1:106:A:ASP:H	1	0.16
(17,219)	1:9:A:PHE:HE1	1:10:A:ASN:H	7	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,219)	1:9:A:PHE:HE2	1:10:A:ASN:H	7	0.16
(17,55)	1:11:A:ILE:HD11	1:47:A:ALA:H	4	0.16
(17,55)	1:11:A:ILE:HD12	1:47:A:ALA:H	4	0.16
(17,55)	1:11:A:ILE:HD13	1:47:A:ALA:H	4	0.16
(17,45)	1:44:A:GLU:HG3	1:47:A:ALA:H	3	0.16
(16,2495)	1:151:A:PHE:H	1:151:A:PHE:HB2	19	0.16
(16,2495)	1:151:A:PHE:H	1:151:A:PHE:HB3	19	0.16
(16,2472)	1:142:A:LYS:HG2	1:143:A:TRP:HE1	10	0.16
(16,2472)	1:142:A:LYS:HG3	1:143:A:TRP:HE1	10	0.16
(16,2402)	1:127:A:CYS:HB2	1:128:A:LEU:HD11	11	0.16
(16,2402)	1:127:A:CYS:HB2	1:128:A:LEU:HD12	11	0.16
(16,2402)	1:127:A:CYS:HB2	1:128:A:LEU:HD13	11	0.16
(16,2402)	1:127:A:CYS:HB2	1:128:A:LEU:HD21	11	0.16
(16,2402)	1:127:A:CYS:HB2	1:128:A:LEU:HD22	11	0.16
(16,2402)	1:127:A:CYS:HB2	1:128:A:LEU:HD23	11	0.16
(16,2402)	1:127:A:CYS:HB2	1:128:A:LEU:HD11	19	0.16
(16,2402)	1:127:A:CYS:HB2	1:128:A:LEU:HD12	19	0.16
(16,2402)	1:127:A:CYS:HB2	1:128:A:LEU:HD13	19	0.16
(16,2402)	1:127:A:CYS:HB2	1:128:A:LEU:HD21	19	0.16
(16,2402)	1:127:A:CYS:HB2	1:128:A:LEU:HD22	19	0.16
(16,2402)	1:127:A:CYS:HB2	1:128:A:LEU:HD23	19	0.16
(16,2370)	1:116:A:GLN:HG2	1:117:A:VAL:H	1	0.16
(16,2370)	1:116:A:GLN:HG3	1:117:A:VAL:H	1	0.16
(16,2331)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	1	0.16
(16,2331)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	1	0.16
(16,2331)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	1	0.16
(16,2331)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	1	0.16
(16,2331)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	1	0.16
(16,2331)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	1	0.16
(16,2331)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	8	0.16
(16,2331)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	8	0.16
(16,2331)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	8	0.16
(16,2331)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	8	0.16
(16,2331)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	8	0.16
(16,2331)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	8	0.16
(16,2331)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	10	0.16
(16,2331)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	10	0.16
(16,2331)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	10	0.16
(16,2331)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	10	0.16
(16,2331)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	10	0.16
(16,2331)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	10	0.16
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD11	9	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD12	9	0.16
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD13	9	0.16
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD21	9	0.16
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD22	9	0.16
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD23	9	0.16
(16,2286)	1:97:A:ASP:HA	1:105:A:LYS:HG2	1	0.16
(16,2286)	1:97:A:ASP:HA	1:105:A:LYS:HG3	1	0.16
(16,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	16	0.16
(16,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	16	0.16
(16,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	16	0.16
(16,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	16	0.16
(16,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	16	0.16
(16,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	16	0.16
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG11	3	0.16
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG12	3	0.16
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG13	3	0.16
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG21	3	0.16
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG22	3	0.16
(16,2275)	1:95:A:ILE:H	1:96:A:VAL:HG23	3	0.16
(16,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB2	14	0.16
(16,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB3	14	0.16
(16,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB2	14	0.16
(16,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB3	14	0.16
(16,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB2	14	0.16
(16,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB3	14	0.16
(16,2196)	1:59:A:CYS:H	1:60:A:LEU:HD11	5	0.16
(16,2196)	1:59:A:CYS:H	1:60:A:LEU:HD12	5	0.16
(16,2196)	1:59:A:CYS:H	1:60:A:LEU:HD13	5	0.16
(16,2196)	1:59:A:CYS:H	1:60:A:LEU:HD21	5	0.16
(16,2196)	1:59:A:CYS:H	1:60:A:LEU:HD22	5	0.16
(16,2196)	1:59:A:CYS:H	1:60:A:LEU:HD23	5	0.16
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD11	6	0.16
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD12	6	0.16
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD13	6	0.16
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD21	6	0.16
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD22	6	0.16
(16,2165)	1:47:A:ALA:H	1:131:A:LEU:HD23	6	0.16
(16,2143)	1:41:A:LYS:H	1:44:A:GLU:HG2	15	0.16
(16,2143)	1:41:A:LYS:H	1:44:A:GLU:HG3	15	0.16
(16,2117)	1:39:A:VAL:HA	1:140:A:LEU:HD11	2	0.16
(16,2117)	1:39:A:VAL:HA	1:140:A:LEU:HD12	2	0.16
(16,2117)	1:39:A:VAL:HA	1:140:A:LEU:HD13	2	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2117)	1:39:A:VAL:HA	1:140:A:LEU:HD21	2	0.16
(16,2117)	1:39:A:VAL:HA	1:140:A:LEU:HD22	2	0.16
(16,2117)	1:39:A:VAL:HA	1:140:A:LEU:HD23	2	0.16
(16,2083)	1:35:A:LEU:HD11	1:38:A:GLU:H	12	0.16
(16,2083)	1:35:A:LEU:HD12	1:38:A:GLU:H	12	0.16
(16,2083)	1:35:A:LEU:HD13	1:38:A:GLU:H	12	0.16
(16,2083)	1:35:A:LEU:HD21	1:38:A:GLU:H	12	0.16
(16,2083)	1:35:A:LEU:HD22	1:38:A:GLU:H	12	0.16
(16,2083)	1:35:A:LEU:HD23	1:38:A:GLU:H	12	0.16
(16,2068)	1:32:A:GLY:HA2	1:33:A:LYS:H	3	0.16
(16,2068)	1:32:A:GLY:HA3	1:33:A:LYS:H	3	0.16
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	5	0.16
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	5	0.16
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	5	0.16
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	5	0.16
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	5	0.16
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	5	0.16
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	5	0.16
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	5	0.16
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	5	0.16
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	5	0.16
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	5	0.16
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	5	0.16
(16,2037)	1:23:A:LEU:HD11	1:25:A:ALA:H	4	0.16
(16,2037)	1:23:A:LEU:HD12	1:25:A:ALA:H	4	0.16
(16,2037)	1:23:A:LEU:HD13	1:25:A:ALA:H	4	0.16
(16,2037)	1:23:A:LEU:HD21	1:25:A:ALA:H	4	0.16
(16,2037)	1:23:A:LEU:HD22	1:25:A:ALA:H	4	0.16
(16,2037)	1:23:A:LEU:HD23	1:25:A:ALA:H	4	0.16
(16,2037)	1:23:A:LEU:HD11	1:25:A:ALA:H	15	0.16
(16,2037)	1:23:A:LEU:HD12	1:25:A:ALA:H	15	0.16
(16,2037)	1:23:A:LEU:HD13	1:25:A:ALA:H	15	0.16
(16,2037)	1:23:A:LEU:HD21	1:25:A:ALA:H	15	0.16
(16,2037)	1:23:A:LEU:HD22	1:25:A:ALA:H	15	0.16
(16,2037)	1:23:A:LEU:HD23	1:25:A:ALA:H	15	0.16
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD11	15	0.16
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD12	15	0.16
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD13	15	0.16
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD21	15	0.16
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD22	15	0.16
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD23	15	0.16
(16,1980)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	18	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1980)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	18	0.16
(16,1980)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	18	0.16
(16,1980)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	18	0.16
(16,1980)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	18	0.16
(16,1980)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	18	0.16
(16,1980)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	18	0.16
(16,1980)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	18	0.16
(16,1980)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	18	0.16
(16,1980)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	18	0.16
(16,1980)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	18	0.16
(16,1980)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	18	0.16
(16,1980)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	18	0.16
(16,1980)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	18	0.16
(16,1980)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	18	0.16
(16,1980)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	18	0.16
(16,1980)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	18	0.16
(16,1980)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	18	0.16
(16,1961)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	1	0.16
(16,1961)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	1	0.16
(16,1961)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	1	0.16
(16,1961)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	1	0.16
(16,1961)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	1	0.16
(16,1961)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	1	0.16
(16,1961)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	1	0.16
(16,1961)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	1	0.16
(16,1961)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	1	0.16
(16,1961)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	1	0.16
(16,1961)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	1	0.16
(16,1961)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	1	0.16
(16,1957)	1:12:A:VAL:HA	1:40:A:LEU:HD11	19	0.16
(16,1957)	1:12:A:VAL:HA	1:40:A:LEU:HD12	19	0.16
(16,1957)	1:12:A:VAL:HA	1:40:A:LEU:HD13	19	0.16
(16,1957)	1:12:A:VAL:HA	1:40:A:LEU:HD21	19	0.16
(16,1957)	1:12:A:VAL:HA	1:40:A:LEU:HD22	19	0.16
(16,1957)	1:12:A:VAL:HA	1:40:A:LEU:HD23	19	0.16
(16,1948)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	5	0.16
(16,1948)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	5	0.16
(16,1942)	1:11:A:ILE:HA	1:14:A:VAL:HG11	2	0.16
(16,1942)	1:11:A:ILE:HA	1:14:A:VAL:HG12	2	0.16
(16,1942)	1:11:A:ILE:HA	1:14:A:VAL:HG13	2	0.16
(16,1942)	1:11:A:ILE:HA	1:14:A:VAL:HG21	2	0.16
(16,1942)	1:11:A:ILE:HA	1:14:A:VAL:HG22	2	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1942)	1:11:A:ILE:HA	1:14:A:VAL:HG23	2	0.16
(16,1892)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	15	0.16
(16,1892)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	15	0.16
(16,1892)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	15	0.16
(16,1892)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	15	0.16
(16,1892)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	15	0.16
(16,1892)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	15	0.16
(16,1862)	1:71:A:LYS:HA	1:72:A:PHE:HD1	6	0.16
(16,1862)	1:71:A:LYS:HA	1:72:A:PHE:HD2	6	0.16
(16,1841)	1:9:A:PHE:HD1	1:57:A:LEU:HG	19	0.16
(16,1841)	1:9:A:PHE:HD2	1:57:A:LEU:HG	19	0.16
(16,1813)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	12	0.16
(16,1813)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	12	0.16
(16,1813)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	12	0.16
(16,1813)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	12	0.16
(16,1813)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	12	0.16
(16,1813)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	12	0.16
(16,1808)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	9	0.16
(16,1808)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	9	0.16
(16,1784)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	14	0.16
(16,1784)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	14	0.16
(16,1784)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	14	0.16
(16,1784)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	14	0.16
(16,1784)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	14	0.16
(16,1784)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	14	0.16
(16,1744)	1:36:A:PRO:HA	1:37:A:LEU:HG	4	0.16
(16,1744)	1:36:A:PRO:HA	1:37:A:LEU:HG	14	0.16
(16,1729)	1:98:A:ILE:HG21	1:102:A:PRO:HD3	3	0.16
(16,1729)	1:98:A:ILE:HG22	1:102:A:PRO:HD3	3	0.16
(16,1729)	1:98:A:ILE:HG23	1:102:A:PRO:HD3	3	0.16
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG21	4	0.16
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG22	4	0.16
(16,1720)	1:19:A:ALA:HB1	1:21:A:THR:HG23	4	0.16
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG21	4	0.16
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG22	4	0.16
(16,1720)	1:19:A:ALA:HB2	1:21:A:THR:HG23	4	0.16
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG21	4	0.16
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG22	4	0.16
(16,1720)	1:19:A:ALA:HB3	1:21:A:THR:HG23	4	0.16
(16,1714)	1:19:A:ALA:HB1	1:20:A:THR:HG21	19	0.16
(16,1714)	1:19:A:ALA:HB1	1:20:A:THR:HG22	19	0.16
(16,1714)	1:19:A:ALA:HB1	1:20:A:THR:HG23	19	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1714)	1:19:A:ALA:HB2	1:20:A:THR:HG21	19	0.16
(16,1714)	1:19:A:ALA:HB2	1:20:A:THR:HG22	19	0.16
(16,1714)	1:19:A:ALA:HB2	1:20:A:THR:HG23	19	0.16
(16,1714)	1:19:A:ALA:HB3	1:20:A:THR:HG21	19	0.16
(16,1714)	1:19:A:ALA:HB3	1:20:A:THR:HG22	19	0.16
(16,1714)	1:19:A:ALA:HB3	1:20:A:THR:HG23	19	0.16
(16,1701)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	18	0.16
(16,1678)	1:69:A:MET:HA	1:109:A:PRO:HA	2	0.16
(16,1659)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	5	0.16
(16,1659)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	5	0.16
(16,1659)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	5	0.16
(16,1659)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	5	0.16
(16,1634)	1:134:A:VAL:HG21	1:137:A:SER:H	18	0.16
(16,1634)	1:134:A:VAL:HG22	1:137:A:SER:H	18	0.16
(16,1634)	1:134:A:VAL:HG23	1:137:A:SER:H	18	0.16
(16,1619)	1:34:A:LYS:H	1:80:A:TYR:HA	11	0.16
(16,1591)	1:120:A:CYS:H	1:121:A:VAL:HG21	16	0.16
(16,1591)	1:120:A:CYS:H	1:121:A:VAL:HG22	16	0.16
(16,1591)	1:120:A:CYS:H	1:121:A:VAL:HG23	16	0.16
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG21	19	0.16
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG22	19	0.16
(16,1579)	1:61:A:SER:HA	1:63:A:ILE:HG23	19	0.16
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	1	0.16
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	1	0.16
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	1	0.16
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	1	0.16
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	1	0.16
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	1	0.16
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD11	16	0.16
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD12	16	0.16
(16,1565)	1:57:A:LEU:HG	1:58:A:ILE:HD13	16	0.16
(16,1564)	1:63:A:ILE:HD11	1:113:A:PHE:HA	4	0.16
(16,1564)	1:63:A:ILE:HD12	1:113:A:PHE:HA	4	0.16
(16,1564)	1:63:A:ILE:HD13	1:113:A:PHE:HA	4	0.16
(16,1535)	1:110:A:MET:H	1:110:A:MET:HE1	2	0.16
(16,1535)	1:110:A:MET:H	1:110:A:MET:HE2	2	0.16
(16,1535)	1:110:A:MET:H	1:110:A:MET:HE3	2	0.16
(16,1535)	1:110:A:MET:H	1:110:A:MET:HE1	8	0.16
(16,1535)	1:110:A:MET:H	1:110:A:MET:HE2	8	0.16
(16,1535)	1:110:A:MET:H	1:110:A:MET:HE3	8	0.16
(16,1520)	1:69:A:MET:HE1	1:113:A:PHE:HD1	4	0.16
(16,1520)	1:69:A:MET:HE1	1:113:A:PHE:HD2	4	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1520)	1:69:A:MET:HE2	1:113:A:PHE:HD1	4	0.16
(16,1520)	1:69:A:MET:HE2	1:113:A:PHE:HD2	4	0.16
(16,1520)	1:69:A:MET:HE3	1:113:A:PHE:HD1	4	0.16
(16,1520)	1:69:A:MET:HE3	1:113:A:PHE:HD2	4	0.16
(16,1519)	1:110:A:MET:HE1	1:113:A:PHE:HE1	11	0.16
(16,1519)	1:110:A:MET:HE1	1:113:A:PHE:HE2	11	0.16
(16,1519)	1:110:A:MET:HE2	1:113:A:PHE:HE1	11	0.16
(16,1519)	1:110:A:MET:HE2	1:113:A:PHE:HE2	11	0.16
(16,1519)	1:110:A:MET:HE3	1:113:A:PHE:HE1	11	0.16
(16,1519)	1:110:A:MET:HE3	1:113:A:PHE:HE2	11	0.16
(16,1503)	1:11:A:ILE:HA	1:43:A:MET:HE1	10	0.16
(16,1503)	1:11:A:ILE:HA	1:43:A:MET:HE2	10	0.16
(16,1503)	1:11:A:ILE:HA	1:43:A:MET:HE3	10	0.16
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE1	14	0.16
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE2	14	0.16
(16,1500)	1:12:A:VAL:H	1:43:A:MET:HE3	14	0.16
(16,1499)	1:15:A:ALA:H	1:43:A:MET:HE1	18	0.16
(16,1499)	1:15:A:ALA:H	1:43:A:MET:HE2	18	0.16
(16,1499)	1:15:A:ALA:H	1:43:A:MET:HE3	18	0.16
(16,1480)	1:101:A:ILE:HG21	1:102:A:PRO:HA	6	0.16
(16,1480)	1:101:A:ILE:HG22	1:102:A:PRO:HA	6	0.16
(16,1480)	1:101:A:ILE:HG23	1:102:A:PRO:HA	6	0.16
(16,1428)	1:121:A:VAL:HG21	1:122:A:ASP:H	6	0.16
(16,1428)	1:121:A:VAL:HG22	1:122:A:ASP:H	6	0.16
(16,1428)	1:121:A:VAL:HG23	1:122:A:ASP:H	6	0.16
(16,1422)	1:73:A:ILE:HG21	1:110:A:MET:HE1	8	0.16
(16,1422)	1:73:A:ILE:HG21	1:110:A:MET:HE2	8	0.16
(16,1422)	1:73:A:ILE:HG21	1:110:A:MET:HE3	8	0.16
(16,1422)	1:73:A:ILE:HG22	1:110:A:MET:HE1	8	0.16
(16,1422)	1:73:A:ILE:HG22	1:110:A:MET:HE2	8	0.16
(16,1422)	1:73:A:ILE:HG22	1:110:A:MET:HE3	8	0.16
(16,1422)	1:73:A:ILE:HG23	1:110:A:MET:HE1	8	0.16
(16,1422)	1:73:A:ILE:HG23	1:110:A:MET:HE2	8	0.16
(16,1422)	1:73:A:ILE:HG23	1:110:A:MET:HE3	8	0.16
(16,1418)	1:69:A:MET:HA	1:73:A:ILE:HG21	6	0.16
(16,1418)	1:69:A:MET:HA	1:73:A:ILE:HG22	6	0.16
(16,1418)	1:69:A:MET:HA	1:73:A:ILE:HG23	6	0.16
(16,1341)	1:131:A:LEU:H	1:131:A:LEU:HD21	4	0.16
(16,1341)	1:131:A:LEU:H	1:131:A:LEU:HD22	4	0.16
(16,1341)	1:131:A:LEU:H	1:131:A:LEU:HD23	4	0.16
(16,1317)	1:66:A:THR:HG21	1:98:A:ILE:HD11	12	0.16
(16,1317)	1:66:A:THR:HG21	1:98:A:ILE:HD12	12	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1317)	1:66:A:THR:HG21	1:98:A:ILE:HD13	12	0.16
(16,1317)	1:66:A:THR:HG22	1:98:A:ILE:HD11	12	0.16
(16,1317)	1:66:A:THR:HG22	1:98:A:ILE:HD12	12	0.16
(16,1317)	1:66:A:THR:HG22	1:98:A:ILE:HD13	12	0.16
(16,1317)	1:66:A:THR:HG23	1:98:A:ILE:HD11	12	0.16
(16,1317)	1:66:A:THR:HG23	1:98:A:ILE:HD12	12	0.16
(16,1317)	1:66:A:THR:HG23	1:98:A:ILE:HD13	12	0.16
(16,1310)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	2	0.16
(16,1310)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	2	0.16
(16,1310)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	2	0.16
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD11	6	0.16
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD12	6	0.16
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD13	6	0.16
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD11	12	0.16
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD12	12	0.16
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD13	12	0.16
(16,1103)	1:68:A:LYS:HA	1:72:A:PHE:HD1	3	0.16
(16,1103)	1:68:A:LYS:HA	1:72:A:PHE:HD2	3	0.16
(16,971)	1:11:A:ILE:HG21	1:43:A:MET:HG2	3	0.16
(16,971)	1:11:A:ILE:HG22	1:43:A:MET:HG2	3	0.16
(16,971)	1:11:A:ILE:HG23	1:43:A:MET:HG2	3	0.16
(16,945)	1:79:A:THR:HG21	1:81:A:GLU:HG2	14	0.16
(16,945)	1:79:A:THR:HG21	1:81:A:GLU:HG3	14	0.16
(16,945)	1:79:A:THR:HG22	1:81:A:GLU:HG2	14	0.16
(16,945)	1:79:A:THR:HG22	1:81:A:GLU:HG3	14	0.16
(16,945)	1:79:A:THR:HG23	1:81:A:GLU:HG2	14	0.16
(16,945)	1:79:A:THR:HG23	1:81:A:GLU:HG3	14	0.16
(16,936)	1:13:A:ALA:HB1	1:81:A:GLU:HG2	13	0.16
(16,936)	1:13:A:ALA:HB1	1:81:A:GLU:HG3	13	0.16
(16,936)	1:13:A:ALA:HB2	1:81:A:GLU:HG2	13	0.16
(16,936)	1:13:A:ALA:HB2	1:81:A:GLU:HG3	13	0.16
(16,936)	1:13:A:ALA:HB3	1:81:A:GLU:HG2	13	0.16
(16,936)	1:13:A:ALA:HB3	1:81:A:GLU:HG3	13	0.16
(16,877)	1:57:A:LEU:HA	1:60:A:LEU:HB3	9	0.16
(16,856)	1:49:A:LYS:HA	1:49:A:LYS:HE2	13	0.16
(16,856)	1:49:A:LYS:HA	1:49:A:LYS:HE3	13	0.16
(16,822)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	19	0.16
(16,822)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	19	0.16
(16,822)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	19	0.16
(16,822)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	19	0.16
(16,822)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	19	0.16
(16,822)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	19	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,821)	1:98:A:ILE:HD11	1:101:A:ILE:H	5	0.16
(16,821)	1:98:A:ILE:HD12	1:101:A:ILE:H	5	0.16
(16,821)	1:98:A:ILE:HD13	1:101:A:ILE:H	5	0.16
(16,814)	1:95:A:ILE:HA	1:95:A:ILE:HD11	4	0.16
(16,814)	1:95:A:ILE:HA	1:95:A:ILE:HD12	4	0.16
(16,814)	1:95:A:ILE:HA	1:95:A:ILE:HD13	4	0.16
(16,807)	1:58:A:ILE:HD11	1:59:A:CYS:H	8	0.16
(16,807)	1:58:A:ILE:HD12	1:59:A:CYS:H	8	0.16
(16,807)	1:58:A:ILE:HD13	1:59:A:CYS:H	8	0.16
(16,782)	1:101:A:ILE:HD11	1:115:A:ALA:H	19	0.16
(16,782)	1:101:A:ILE:HD12	1:115:A:ALA:H	19	0.16
(16,782)	1:101:A:ILE:HD13	1:115:A:ALA:H	19	0.16
(16,769)	1:53:A:THR:H	1:53:A:THR:HG21	3	0.16
(16,769)	1:53:A:THR:H	1:53:A:THR:HG22	3	0.16
(16,769)	1:53:A:THR:H	1:53:A:THR:HG23	3	0.16
(16,742)	1:45:A:ALA:H	1:46:A:ASN:HD21	11	0.16
(16,741)	1:43:A:MET:H	1:46:A:ASN:HD21	11	0.16
(16,730)	1:115:A:ALA:HB1	1:116:A:GLN:HE21	19	0.16
(16,730)	1:115:A:ALA:HB2	1:116:A:GLN:HE21	19	0.16
(16,730)	1:115:A:ALA:HB3	1:116:A:GLN:HE21	19	0.16
(16,720)	1:44:A:GLU:HB2	1:48:A:ARG:HE	4	0.16
(16,720)	1:44:A:GLU:HB3	1:48:A:ARG:HE	4	0.16
(16,714)	1:27:A:ARG:HB2	1:27:A:ARG:HE	12	0.16
(16,714)	1:27:A:ARG:HB3	1:27:A:ARG:HE	12	0.16
(16,706)	1:10:A:ASN:HD22	1:14:A:VAL:HB	1	0.16
(16,706)	1:10:A:ASN:HD22	1:14:A:VAL:HB	6	0.16
(16,705)	1:98:A:ILE:H	1:104:A:PHE:H	19	0.16
(16,645)	1:66:A:THR:H	1:69:A:MET:HA	7	0.16
(16,624)	1:23:A:LEU:HD21	1:25:A:ALA:H	3	0.16
(16,624)	1:23:A:LEU:HD22	1:25:A:ALA:H	3	0.16
(16,624)	1:23:A:LEU:HD23	1:25:A:ALA:H	3	0.16
(16,601)	1:28:A:GLY:H	1:29:A:LYS:HG2	10	0.16
(16,601)	1:28:A:GLY:H	1:29:A:LYS:HG3	10	0.16
(16,565)	1:116:A:GLN:H	1:116:A:GLN:HE22	18	0.16
(16,508)	1:97:A:ASP:HA	1:105:A:LYS:H	16	0.16
(16,489)	1:79:A:THR:H	1:79:A:THR:HG21	7	0.16
(16,489)	1:79:A:THR:H	1:79:A:THR:HG22	7	0.16
(16,489)	1:79:A:THR:H	1:79:A:THR:HG23	7	0.16
(16,401)	1:105:A:LYS:HG3	1:106:A:ASP:H	12	0.16
(16,287)	1:73:A:ILE:HD11	1:112:A:GLN:H	19	0.16
(16,287)	1:73:A:ILE:HD12	1:112:A:GLN:H	19	0.16
(16,287)	1:73:A:ILE:HD13	1:112:A:GLN:H	19	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,277)	1:112:A:GLN:H	1:112:A:GLN:HE21	11	0.16
(16,196)	1:44:A:GLU:H	1:44:A:GLU:HG3	9	0.16
(16,196)	1:44:A:GLU:H	1:44:A:GLU:HG2	9	0.16
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD11	18	0.16
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD12	18	0.16
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD13	18	0.16
(16,160)	1:50:A:ALA:HB1	1:127:A:CYS:H	7	0.16
(16,160)	1:50:A:ALA:HB2	1:127:A:CYS:H	7	0.16
(16,160)	1:50:A:ALA:HB3	1:127:A:CYS:H	7	0.16
(16,160)	1:50:A:ALA:HB1	1:127:A:CYS:H	10	0.16
(16,160)	1:50:A:ALA:HB2	1:127:A:CYS:H	10	0.16
(16,160)	1:50:A:ALA:HB3	1:127:A:CYS:H	10	0.16
(16,160)	1:50:A:ALA:HB1	1:127:A:CYS:H	18	0.16
(16,160)	1:50:A:ALA:HB2	1:127:A:CYS:H	18	0.16
(16,160)	1:50:A:ALA:HB3	1:127:A:CYS:H	18	0.16
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG2	7	0.16
(15,2343)	1:111:A:GLU:H	1:111:A:GLU:HG3	7	0.16
(15,2237)	1:70:A:LYS:HG2	1:71:A:LYS:H	13	0.16
(15,2237)	1:70:A:LYS:HG3	1:71:A:LYS:H	13	0.16
(15,2178)	1:59:A:CYS:H	1:60:A:LEU:HD11	5	0.16
(15,2178)	1:59:A:CYS:H	1:60:A:LEU:HD12	5	0.16
(15,2178)	1:59:A:CYS:H	1:60:A:LEU:HD13	5	0.16
(15,2178)	1:59:A:CYS:H	1:60:A:LEU:HD21	5	0.16
(15,2178)	1:59:A:CYS:H	1:60:A:LEU:HD22	5	0.16
(15,2178)	1:59:A:CYS:H	1:60:A:LEU:HD23	5	0.16
(15,2172)	1:57:A:LEU:HG	1:60:A:LEU:HD11	13	0.16
(15,2172)	1:57:A:LEU:HG	1:60:A:LEU:HD12	13	0.16
(15,2172)	1:57:A:LEU:HG	1:60:A:LEU:HD13	13	0.16
(15,2172)	1:57:A:LEU:HG	1:60:A:LEU:HD21	13	0.16
(15,2172)	1:57:A:LEU:HG	1:60:A:LEU:HD22	13	0.16
(15,2172)	1:57:A:LEU:HG	1:60:A:LEU:HD23	13	0.16
(15,2115)	1:43:A:MET:H	1:43:A:MET:HG2	3	0.16
(15,2115)	1:43:A:MET:H	1:43:A:MET:HG3	3	0.16
(15,2107)	1:41:A:LYS:HA	1:44:A:GLU:HG2	4	0.16
(15,2107)	1:41:A:LYS:HA	1:44:A:GLU:HG3	4	0.16
(15,2106)	1:41:A:LYS:H	1:44:A:GLU:HG2	15	0.16
(15,2106)	1:41:A:LYS:H	1:44:A:GLU:HG3	15	0.16
(15,2051)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	19	0.16
(15,2051)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	19	0.16
(15,2051)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	19	0.16
(15,2051)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	19	0.16
(15,2051)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	19	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2051)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	19	0.16
(15,2051)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	19	0.16
(15,2051)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	19	0.16
(15,2051)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	19	0.16
(15,2051)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	19	0.16
(15,2051)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	19	0.16
(15,2051)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	19	0.16
(15,2047)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	6	0.16
(15,2047)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	6	0.16
(15,2047)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	6	0.16
(15,2047)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	6	0.16
(15,2047)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	6	0.16
(15,2047)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	6	0.16
(15,2047)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	18	0.16
(15,2047)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	18	0.16
(15,2047)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	18	0.16
(15,2047)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	18	0.16
(15,2047)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	18	0.16
(15,2047)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	18	0.16
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD11	11	0.16
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD12	11	0.16
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD13	11	0.16
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD21	11	0.16
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD22	11	0.16
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD23	11	0.16
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD11	11	0.16
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD12	11	0.16
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD13	11	0.16
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD21	11	0.16
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD22	11	0.16
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD23	11	0.16
(15,1994)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	8	0.16
(15,1994)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	8	0.16
(15,1994)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	8	0.16
(15,1994)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	8	0.16
(15,1994)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	8	0.16
(15,1994)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	8	0.16
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE1	2	0.16
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE2	2	0.16
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE3	2	0.16
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE1	2	0.16
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE2	2	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE3	2	0.16
(15,1967)	1:14:A:VAL:HG11	1:61:A:SER:H	12	0.16
(15,1967)	1:14:A:VAL:HG12	1:61:A:SER:H	12	0.16
(15,1967)	1:14:A:VAL:HG13	1:61:A:SER:H	12	0.16
(15,1967)	1:14:A:VAL:HG21	1:61:A:SER:H	12	0.16
(15,1967)	1:14:A:VAL:HG22	1:61:A:SER:H	12	0.16
(15,1967)	1:14:A:VAL:HG23	1:61:A:SER:H	12	0.16
(15,1891)	1:58:A:ILE:HA	1:62:A:HIS:HE1	15	0.16
(15,1887)	1:35:A:LEU:HG	1:80:A:TYR:HE1	2	0.16
(15,1887)	1:35:A:LEU:HG	1:80:A:TYR:HE2	2	0.16
(15,1862)	1:68:A:LYS:HA	1:72:A:PHE:HE1	11	0.16
(15,1862)	1:68:A:LYS:HA	1:72:A:PHE:HE2	11	0.16
(15,1858)	1:71:A:LYS:HA	1:72:A:PHE:HD1	6	0.16
(15,1858)	1:71:A:LYS:HA	1:72:A:PHE:HD2	6	0.16
(15,1839)	1:9:A:PHE:HD1	1:57:A:LEU:HG	19	0.16
(15,1839)	1:9:A:PHE:HD2	1:57:A:LEU:HG	19	0.16
(15,1786)	1:9:A:PHE:HD1	1:11:A:ILE:HB	4	0.16
(15,1786)	1:9:A:PHE:HD2	1:11:A:ILE:HB	4	0.16
(15,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	14	0.16
(15,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	14	0.16
(15,1783)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	14	0.16
(15,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	14	0.16
(15,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	14	0.16
(15,1783)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	14	0.16
(15,1740)	1:36:A:PRO:HA	1:37:A:LEU:HG	4	0.16
(15,1740)	1:36:A:PRO:HA	1:37:A:LEU:HG	14	0.16
(15,1680)	1:69:A:MET:HA	1:109:A:PRO:HA	2	0.16
(15,1590)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	14	0.16
(15,1590)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	14	0.16
(15,1590)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	14	0.16
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	1	0.16
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	1	0.16
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	1	0.16
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	1	0.16
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	1	0.16
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	1	0.16
(15,1565)	1:61:A:SER:HA	1:63:A:ILE:HD11	13	0.16
(15,1565)	1:61:A:SER:HA	1:63:A:ILE:HD12	13	0.16
(15,1565)	1:61:A:SER:HA	1:63:A:ILE:HD13	13	0.16
(15,1544)	1:139:A:LEU:HD11	1:142:A:LYS:HE2	18	0.16
(15,1544)	1:139:A:LEU:HD11	1:142:A:LYS:HE3	18	0.16
(15,1544)	1:139:A:LEU:HD12	1:142:A:LYS:HE2	18	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1544)	1:139:A:LEU:HD12	1:142:A:LYS:HE3	18	0.16
(15,1544)	1:139:A:LEU:HD13	1:142:A:LYS:HE2	18	0.16
(15,1544)	1:139:A:LEU:HD13	1:142:A:LYS:HE3	18	0.16
(15,1512)	1:69:A:MET:HE1	1:113:A:PHE:HD1	4	0.16
(15,1512)	1:69:A:MET:HE1	1:113:A:PHE:HD2	4	0.16
(15,1512)	1:69:A:MET:HE2	1:113:A:PHE:HD1	4	0.16
(15,1512)	1:69:A:MET:HE2	1:113:A:PHE:HD2	4	0.16
(15,1512)	1:69:A:MET:HE3	1:113:A:PHE:HD1	4	0.16
(15,1512)	1:69:A:MET:HE3	1:113:A:PHE:HD2	4	0.16
(15,1511)	1:110:A:MET:HE1	1:113:A:PHE:HE1	11	0.16
(15,1511)	1:110:A:MET:HE1	1:113:A:PHE:HE2	11	0.16
(15,1511)	1:110:A:MET:HE2	1:113:A:PHE:HE1	11	0.16
(15,1511)	1:110:A:MET:HE2	1:113:A:PHE:HE2	11	0.16
(15,1511)	1:110:A:MET:HE3	1:113:A:PHE:HE1	11	0.16
(15,1511)	1:110:A:MET:HE3	1:113:A:PHE:HE2	11	0.16
(15,1509)	1:69:A:MET:HE1	1:115:A:ALA:H	6	0.16
(15,1509)	1:69:A:MET:HE2	1:115:A:ALA:H	6	0.16
(15,1509)	1:69:A:MET:HE3	1:115:A:ALA:H	6	0.16
(15,1490)	1:114:A:ILE:HG21	1:117:A:VAL:HB	1	0.16
(15,1490)	1:114:A:ILE:HG22	1:117:A:VAL:HB	1	0.16
(15,1490)	1:114:A:ILE:HG23	1:117:A:VAL:HB	1	0.16
(15,1451)	1:15:A:ALA:HB1	1:132:A:ALA:HA	10	0.16
(15,1451)	1:15:A:ALA:HB2	1:132:A:ALA:HA	10	0.16
(15,1451)	1:15:A:ALA:HB3	1:132:A:ALA:HA	10	0.16
(15,1407)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	11	0.16
(15,1407)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	11	0.16
(15,1407)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	11	0.16
(15,1407)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	11	0.16
(15,1407)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	11	0.16
(15,1407)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	11	0.16
(15,1359)	1:119:A:LEU:HA	1:121:A:VAL:HG11	9	0.16
(15,1359)	1:119:A:LEU:HA	1:121:A:VAL:HG12	9	0.16
(15,1359)	1:119:A:LEU:HA	1:121:A:VAL:HG13	9	0.16
(15,1356)	1:121:A:VAL:H	1:121:A:VAL:HG11	12	0.16
(15,1356)	1:121:A:VAL:H	1:121:A:VAL:HG12	12	0.16
(15,1356)	1:121:A:VAL:H	1:121:A:VAL:HG13	12	0.16
(15,1313)	1:66:A:THR:HG21	1:98:A:ILE:HD11	12	0.16
(15,1313)	1:66:A:THR:HG21	1:98:A:ILE:HD12	12	0.16
(15,1313)	1:66:A:THR:HG21	1:98:A:ILE:HD13	12	0.16
(15,1313)	1:66:A:THR:HG22	1:98:A:ILE:HD11	12	0.16
(15,1313)	1:66:A:THR:HG22	1:98:A:ILE:HD12	12	0.16
(15,1313)	1:66:A:THR:HG22	1:98:A:ILE:HD13	12	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1313)	1:66:A:THR:HG23	1:98:A:ILE:HD11	12	0.16
(15,1313)	1:66:A:THR:HG23	1:98:A:ILE:HD12	12	0.16
(15,1313)	1:66:A:THR:HG23	1:98:A:ILE:HD13	12	0.16
(15,1305)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	2	0.16
(15,1305)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	2	0.16
(15,1305)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	2	0.16
(15,1221)	1:110:A:MET:HA	1:113:A:PHE:HB2	5	0.16
(15,1212)	1:69:A:MET:HE1	1:110:A:MET:HA	7	0.16
(15,1212)	1:69:A:MET:HE2	1:110:A:MET:HA	7	0.16
(15,1212)	1:69:A:MET:HE3	1:110:A:MET:HA	7	0.16
(15,1060)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	10	0.16
(15,1060)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	10	0.16
(15,991)	1:104:A:PHE:H	1:105:A:LYS:HB2	17	0.16
(15,991)	1:104:A:PHE:H	1:105:A:LYS:HB3	17	0.16
(15,894)	1:69:A:MET:HE1	1:73:A:ILE:HB	7	0.16
(15,894)	1:69:A:MET:HE2	1:73:A:ILE:HB	7	0.16
(15,894)	1:69:A:MET:HE3	1:73:A:ILE:HB	7	0.16
(15,867)	1:57:A:LEU:HA	1:60:A:LEU:HB3	9	0.16
(15,864)	1:35:A:LEU:HB3	1:39:A:VAL:HB	14	0.16
(15,849)	1:49:A:LYS:HA	1:49:A:LYS:HE2	13	0.16
(15,849)	1:49:A:LYS:HA	1:49:A:LYS:HE3	13	0.16
(15,848)	1:68:A:LYS:HA	1:68:A:LYS:HE2	15	0.16
(15,848)	1:68:A:LYS:HA	1:68:A:LYS:HE3	15	0.16
(15,812)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	3	0.16
(15,812)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	3	0.16
(15,812)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	3	0.16
(15,786)	1:101:A:ILE:HD11	1:119:A:LEU:HG	8	0.16
(15,786)	1:101:A:ILE:HD12	1:119:A:LEU:HG	8	0.16
(15,786)	1:101:A:ILE:HD13	1:119:A:LEU:HG	8	0.16
(15,734)	1:45:A:ALA:H	1:46:A:ASN:HD21	11	0.16
(15,733)	1:43:A:MET:H	1:46:A:ASN:HD21	11	0.16
(15,719)	1:9:A:PHE:HD1	1:54:A:ARG:HE	14	0.16
(15,719)	1:9:A:PHE:HD2	1:54:A:ARG:HE	14	0.16
(15,714)	1:44:A:GLU:HB2	1:48:A:ARG:HE	4	0.16
(15,714)	1:44:A:GLU:HB3	1:48:A:ARG:HE	4	0.16
(15,648)	1:66:A:THR:H	1:69:A:MET:HA	7	0.16
(15,635)	1:14:A:VAL:HB	1:15:A:ALA:H	14	0.16
(15,624)	1:23:A:LEU:HD21	1:25:A:ALA:H	3	0.16
(15,624)	1:23:A:LEU:HD22	1:25:A:ALA:H	3	0.16
(15,624)	1:23:A:LEU:HD23	1:25:A:ALA:H	3	0.16
(15,455)	1:142:A:LYS:H	1:143:A:TRP:HB2	8	0.16
(15,428)	1:98:A:ILE:HB	1:100:A:ALA:H	6	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,356)	1:104:A:PHE:H	1:104:A:PHE:HD1	1	0.16
(15,356)	1:104:A:PHE:H	1:104:A:PHE:HD2	1	0.16
(15,339)	1:57:A:LEU:H	1:58:A:ILE:HB	4	0.16
(15,314)	1:46:A:ASN:H	1:47:A:ALA:HB1	18	0.16
(15,314)	1:46:A:ASN:H	1:47:A:ALA:HB2	18	0.16
(15,314)	1:46:A:ASN:H	1:47:A:ALA:HB3	18	0.16
(15,296)	1:121:A:VAL:H	1:123:A:CYS:H	2	0.16
(15,278)	1:112:A:GLN:H	1:112:A:GLN:HE21	11	0.16
(15,215)	1:98:A:ILE:HD11	1:101:A:ILE:H	15	0.16
(15,215)	1:98:A:ILE:HD12	1:101:A:ILE:H	15	0.16
(15,215)	1:98:A:ILE:HD13	1:101:A:ILE:H	15	0.16
(15,196)	1:44:A:GLU:H	1:44:A:GLU:HG3	9	0.16
(15,196)	1:44:A:GLU:H	1:44:A:GLU:HG2	9	0.16
(15,121)	1:22:A:ASP:H	1:23:A:LEU:HB2	15	0.16
(15,121)	1:22:A:ASP:H	1:23:A:LEU:HB3	15	0.16
(15,14)	1:64:A:LYS:H	1:116:A:GLN:HG2	14	0.16
(13,2404)	1:131:A:LEU:HD11	1:134:A:VAL:HB	10	0.16
(13,2404)	1:131:A:LEU:HD12	1:134:A:VAL:HB	10	0.16
(13,2404)	1:131:A:LEU:HD13	1:134:A:VAL:HB	10	0.16
(13,2404)	1:131:A:LEU:HD21	1:134:A:VAL:HB	10	0.16
(13,2404)	1:131:A:LEU:HD22	1:134:A:VAL:HB	10	0.16
(13,2404)	1:131:A:LEU:HD23	1:134:A:VAL:HB	10	0.16
(13,2310)	1:107:A:LEU:HD11	1:112:A:GLN:H	1	0.16
(13,2310)	1:107:A:LEU:HD12	1:112:A:GLN:H	1	0.16
(13,2310)	1:107:A:LEU:HD13	1:112:A:GLN:H	1	0.16
(13,2310)	1:107:A:LEU:HD21	1:112:A:GLN:H	1	0.16
(13,2310)	1:107:A:LEU:HD22	1:112:A:GLN:H	1	0.16
(13,2310)	1:107:A:LEU:HD23	1:112:A:GLN:H	1	0.16
(13,2261)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	15	0.16
(13,2261)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	15	0.16
(13,2261)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	15	0.16
(13,2261)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	15	0.16
(13,2261)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	15	0.16
(13,2261)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	15	0.16
(13,2197)	1:65:A:CYS:HB2	1:70:A:LYS:HA	1	0.16
(13,2197)	1:65:A:CYS:HB3	1:70:A:LYS:HA	1	0.16
(13,2162)	1:59:A:CYS:H	1:60:A:LEU:HD11	5	0.16
(13,2162)	1:59:A:CYS:H	1:60:A:LEU:HD12	5	0.16
(13,2162)	1:59:A:CYS:H	1:60:A:LEU:HD13	5	0.16
(13,2162)	1:59:A:CYS:H	1:60:A:LEU:HD21	5	0.16
(13,2162)	1:59:A:CYS:H	1:60:A:LEU:HD22	5	0.16
(13,2162)	1:59:A:CYS:H	1:60:A:LEU:HD23	5	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2141)	1:54:A:ARG:HB2	1:58:A:ILE:HD11	12	0.16
(13,2141)	1:54:A:ARG:HB2	1:58:A:ILE:HD12	12	0.16
(13,2141)	1:54:A:ARG:HB2	1:58:A:ILE:HD13	12	0.16
(13,2141)	1:54:A:ARG:HB3	1:58:A:ILE:HD11	12	0.16
(13,2141)	1:54:A:ARG:HB3	1:58:A:ILE:HD12	12	0.16
(13,2141)	1:54:A:ARG:HB3	1:58:A:ILE:HD13	12	0.16
(13,2115)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	11	0.16
(13,2115)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	11	0.16
(13,2115)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	11	0.16
(13,2115)	1:46:A:ASN:HB2	1:134:A:VAL:HG21	11	0.16
(13,2115)	1:46:A:ASN:HB2	1:134:A:VAL:HG22	11	0.16
(13,2115)	1:46:A:ASN:HB2	1:134:A:VAL:HG23	11	0.16
(13,2115)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	11	0.16
(13,2115)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	11	0.16
(13,2115)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	11	0.16
(13,2115)	1:46:A:ASN:HB3	1:134:A:VAL:HG21	11	0.16
(13,2115)	1:46:A:ASN:HB3	1:134:A:VAL:HG22	11	0.16
(13,2115)	1:46:A:ASN:HB3	1:134:A:VAL:HG23	11	0.16
(13,2025)	1:35:A:LEU:HA	1:39:A:VAL:HG11	3	0.16
(13,2025)	1:35:A:LEU:HA	1:39:A:VAL:HG12	3	0.16
(13,2025)	1:35:A:LEU:HA	1:39:A:VAL:HG13	3	0.16
(13,2025)	1:35:A:LEU:HA	1:39:A:VAL:HG21	3	0.16
(13,2025)	1:35:A:LEU:HA	1:39:A:VAL:HG22	3	0.16
(13,2025)	1:35:A:LEU:HA	1:39:A:VAL:HG23	3	0.16
(13,2022)	1:35:A:LEU:H	1:35:A:LEU:HD11	10	0.16
(13,2022)	1:35:A:LEU:H	1:35:A:LEU:HD12	10	0.16
(13,2022)	1:35:A:LEU:H	1:35:A:LEU:HD13	10	0.16
(13,2022)	1:35:A:LEU:H	1:35:A:LEU:HD21	10	0.16
(13,2022)	1:35:A:LEU:H	1:35:A:LEU:HD22	10	0.16
(13,2022)	1:35:A:LEU:H	1:35:A:LEU:HD23	10	0.16
(13,2003)	1:23:A:LEU:HD11	1:27:A:ARG:HB2	19	0.16
(13,2003)	1:23:A:LEU:HD12	1:27:A:ARG:HB2	19	0.16
(13,2003)	1:23:A:LEU:HD13	1:27:A:ARG:HB2	19	0.16
(13,2003)	1:23:A:LEU:HD21	1:27:A:ARG:HB2	19	0.16
(13,2003)	1:23:A:LEU:HD22	1:27:A:ARG:HB2	19	0.16
(13,2003)	1:23:A:LEU:HD23	1:27:A:ARG:HB2	19	0.16
(13,2001)	1:23:A:LEU:HD11	1:24:A:ASP:H	18	0.16
(13,2001)	1:23:A:LEU:HD12	1:24:A:ASP:H	18	0.16
(13,2001)	1:23:A:LEU:HD13	1:24:A:ASP:H	18	0.16
(13,2001)	1:23:A:LEU:HD21	1:24:A:ASP:H	18	0.16
(13,2001)	1:23:A:LEU:HD22	1:24:A:ASP:H	18	0.16
(13,2001)	1:23:A:LEU:HD23	1:24:A:ASP:H	18	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	11	0.16
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	11	0.16
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	11	0.16
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	11	0.16
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	11	0.16
(13,1955)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	11	0.16
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	11	0.16
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	11	0.16
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	11	0.16
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	11	0.16
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	11	0.16
(13,1955)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	11	0.16
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	11	0.16
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	11	0.16
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	11	0.16
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	11	0.16
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	11	0.16
(13,1955)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	11	0.16
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	11	0.16
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	11	0.16
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	11	0.16
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	11	0.16
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	11	0.16
(13,1955)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	11	0.16
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	11	0.16
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	11	0.16
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	11	0.16
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	11	0.16
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	11	0.16
(13,1955)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	11	0.16
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	11	0.16
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	11	0.16
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	11	0.16
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	11	0.16
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	11	0.16
(13,1955)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	11	0.16
(13,1926)	1:12:A:VAL:HA	1:40:A:LEU:HD11	19	0.16
(13,1926)	1:12:A:VAL:HA	1:40:A:LEU:HD12	19	0.16
(13,1926)	1:12:A:VAL:HA	1:40:A:LEU:HD13	19	0.16
(13,1926)	1:12:A:VAL:HA	1:40:A:LEU:HD21	19	0.16
(13,1926)	1:12:A:VAL:HA	1:40:A:LEU:HD22	19	0.16
(13,1926)	1:12:A:VAL:HA	1:40:A:LEU:HD23	19	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1863)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	15	0.16
(13,1863)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	15	0.16
(13,1863)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	15	0.16
(13,1863)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	15	0.16
(13,1863)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	15	0.16
(13,1863)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	15	0.16
(13,1856)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	3	0.16
(13,1856)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	3	0.16
(13,1856)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	3	0.16
(13,1856)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	3	0.16
(13,1838)	1:68:A:LYS:HA	1:72:A:PHE:HE1	11	0.16
(13,1838)	1:68:A:LYS:HA	1:72:A:PHE:HE2	11	0.16
(13,1834)	1:71:A:LYS:HA	1:72:A:PHE:HD1	6	0.16
(13,1834)	1:71:A:LYS:HA	1:72:A:PHE:HD2	6	0.16
(13,1758)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	14	0.16
(13,1758)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	14	0.16
(13,1758)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	14	0.16
(13,1758)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	14	0.16
(13,1758)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	14	0.16
(13,1758)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	14	0.16
(13,1752)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	1	0.16
(13,1752)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	1	0.16
(13,1752)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	1	0.16
(13,1752)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	1	0.16
(13,1752)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	1	0.16
(13,1752)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	1	0.16
(13,1752)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	1	0.16
(13,1752)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	1	0.16
(13,1752)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	1	0.16
(13,1752)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	1	0.16
(13,1752)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	1	0.16
(13,1752)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	1	0.16
(13,1716)	1:36:A:PRO:HA	1:37:A:LEU:HG	4	0.16
(13,1716)	1:36:A:PRO:HA	1:37:A:LEU:HG	14	0.16
(13,1689)	1:19:A:ALA:HB1	1:20:A:THR:HG21	19	0.16
(13,1689)	1:19:A:ALA:HB1	1:20:A:THR:HG22	19	0.16
(13,1689)	1:19:A:ALA:HB1	1:20:A:THR:HG23	19	0.16
(13,1689)	1:19:A:ALA:HB2	1:20:A:THR:HG21	19	0.16
(13,1689)	1:19:A:ALA:HB2	1:20:A:THR:HG22	19	0.16
(13,1689)	1:19:A:ALA:HB2	1:20:A:THR:HG23	19	0.16
(13,1689)	1:19:A:ALA:HB3	1:20:A:THR:HG21	19	0.16
(13,1689)	1:19:A:ALA:HB3	1:20:A:THR:HG22	19	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1689)	1:19:A:ALA:HB3	1:20:A:THR:HG23	19	0.16
(13,1670)	1:43:A:MET:HG2	1:43:A:MET:HE1	18	0.16
(13,1670)	1:43:A:MET:HG2	1:43:A:MET:HE2	18	0.16
(13,1670)	1:43:A:MET:HG2	1:43:A:MET:HE3	18	0.16
(13,1599)	1:34:A:LYS:H	1:80:A:TYR:HA	11	0.16
(13,1524)	1:139:A:LEU:HD11	1:142:A:LYS:HE2	18	0.16
(13,1524)	1:139:A:LEU:HD11	1:142:A:LYS:HE3	18	0.16
(13,1524)	1:139:A:LEU:HD12	1:142:A:LYS:HE2	18	0.16
(13,1524)	1:139:A:LEU:HD12	1:142:A:LYS:HE3	18	0.16
(13,1524)	1:139:A:LEU:HD13	1:142:A:LYS:HE2	18	0.16
(13,1524)	1:139:A:LEU:HD13	1:142:A:LYS:HE3	18	0.16
(13,1517)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	1	0.16
(13,1517)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	1	0.16
(13,1517)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	1	0.16
(13,1493)	1:69:A:MET:HE1	1:113:A:PHE:HD1	4	0.16
(13,1493)	1:69:A:MET:HE1	1:113:A:PHE:HD2	4	0.16
(13,1493)	1:69:A:MET:HE2	1:113:A:PHE:HD1	4	0.16
(13,1493)	1:69:A:MET:HE2	1:113:A:PHE:HD2	4	0.16
(13,1493)	1:69:A:MET:HE3	1:113:A:PHE:HD1	4	0.16
(13,1493)	1:69:A:MET:HE3	1:113:A:PHE:HD2	4	0.16
(13,1492)	1:110:A:MET:HE1	1:113:A:PHE:HE1	11	0.16
(13,1492)	1:110:A:MET:HE1	1:113:A:PHE:HE2	11	0.16
(13,1492)	1:110:A:MET:HE2	1:113:A:PHE:HE1	11	0.16
(13,1492)	1:110:A:MET:HE2	1:113:A:PHE:HE2	11	0.16
(13,1492)	1:110:A:MET:HE3	1:113:A:PHE:HE1	11	0.16
(13,1492)	1:110:A:MET:HE3	1:113:A:PHE:HE2	11	0.16
(13,1474)	1:15:A:ALA:H	1:43:A:MET:HE1	18	0.16
(13,1474)	1:15:A:ALA:H	1:43:A:MET:HE2	18	0.16
(13,1474)	1:15:A:ALA:H	1:43:A:MET:HE3	18	0.16
(13,1454)	1:101:A:ILE:HG21	1:102:A:PRO:HA	6	0.16
(13,1454)	1:101:A:ILE:HG22	1:102:A:PRO:HA	6	0.16
(13,1454)	1:101:A:ILE:HG23	1:102:A:PRO:HA	6	0.16
(13,1431)	1:13:A:ALA:HB1	1:61:A:SER:HA	9	0.16
(13,1431)	1:13:A:ALA:HB2	1:61:A:SER:HA	9	0.16
(13,1431)	1:13:A:ALA:HB3	1:61:A:SER:HA	9	0.16
(13,1426)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	6	0.16
(13,1426)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	6	0.16
(13,1426)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	6	0.16
(13,1332)	1:119:A:LEU:HA	1:121:A:VAL:HG11	9	0.16
(13,1332)	1:119:A:LEU:HA	1:121:A:VAL:HG12	9	0.16
(13,1332)	1:119:A:LEU:HA	1:121:A:VAL:HG13	9	0.16
(13,1330)	1:121:A:VAL:H	1:121:A:VAL:HG11	12	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1330)	1:121:A:VAL:H	1:121:A:VAL:HG12	12	0.16
(13,1330)	1:121:A:VAL:H	1:121:A:VAL:HG13	12	0.16
(13,1278)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	2	0.16
(13,1278)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	2	0.16
(13,1278)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	2	0.16
(13,1267)	1:128:A:LEU:H	1:128:A:LEU:HD21	11	0.16
(13,1267)	1:128:A:LEU:H	1:128:A:LEU:HD22	11	0.16
(13,1267)	1:128:A:LEU:H	1:128:A:LEU:HD23	11	0.16
(13,1229)	1:23:A:LEU:HD11	1:24:A:ASP:H	1	0.16
(13,1229)	1:23:A:LEU:HD12	1:24:A:ASP:H	1	0.16
(13,1229)	1:23:A:LEU:HD13	1:24:A:ASP:H	1	0.16
(13,1073)	1:68:A:LYS:HA	1:72:A:PHE:HD1	3	0.16
(13,1073)	1:68:A:LYS:HA	1:72:A:PHE:HD2	3	0.16
(13,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB1	16	0.16
(13,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB2	16	0.16
(13,1071)	1:141:A:LYS:HA	1:149:A:ALA:HB3	16	0.16
(13,990)	1:27:A:ARG:HB2	1:28:A:GLY:H	9	0.16
(13,974)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	1	0.16
(13,974)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	10	0.16
(13,857)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	4	0.16
(13,857)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	4	0.16
(13,857)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	19	0.16
(13,857)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	19	0.16
(13,849)	1:35:A:LEU:HB3	1:39:A:VAL:HB	14	0.16
(13,847)	1:8:A:ASP:HB3	1:9:A:PHE:HD1	14	0.16
(13,847)	1:8:A:ASP:HB3	1:9:A:PHE:HD2	14	0.16
(13,847)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	14	0.16
(13,847)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	14	0.16
(13,846)	1:60:A:LEU:HB3	1:63:A:ILE:H	18	0.16
(13,832)	1:49:A:LYS:HA	1:49:A:LYS:HE2	13	0.16
(13,832)	1:49:A:LYS:HA	1:49:A:LYS:HE3	13	0.16
(13,831)	1:68:A:LYS:HA	1:68:A:LYS:HE2	15	0.16
(13,831)	1:68:A:LYS:HA	1:68:A:LYS:HE3	15	0.16
(13,820)	1:69:A:MET:HE1	1:114:A:ILE:HD11	5	0.16
(13,820)	1:69:A:MET:HE1	1:114:A:ILE:HD12	5	0.16
(13,820)	1:69:A:MET:HE1	1:114:A:ILE:HD13	5	0.16
(13,820)	1:69:A:MET:HE2	1:114:A:ILE:HD11	5	0.16
(13,820)	1:69:A:MET:HE2	1:114:A:ILE:HD12	5	0.16
(13,820)	1:69:A:MET:HE2	1:114:A:ILE:HD13	5	0.16
(13,820)	1:69:A:MET:HE3	1:114:A:ILE:HD11	5	0.16
(13,820)	1:69:A:MET:HE3	1:114:A:ILE:HD12	5	0.16
(13,820)	1:69:A:MET:HE3	1:114:A:ILE:HD13	5	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,792)	1:95:A:ILE:HA	1:95:A:ILE:HD11	4	0.16
(13,792)	1:95:A:ILE:HA	1:95:A:ILE:HD12	4	0.16
(13,792)	1:95:A:ILE:HA	1:95:A:ILE:HD13	4	0.16
(13,760)	1:101:A:ILE:HD11	1:115:A:ALA:H	19	0.16
(13,760)	1:101:A:ILE:HD12	1:115:A:ALA:H	19	0.16
(13,760)	1:101:A:ILE:HD13	1:115:A:ALA:H	19	0.16
(13,748)	1:53:A:THR:H	1:53:A:THR:HG21	3	0.16
(13,748)	1:53:A:THR:H	1:53:A:THR:HG22	3	0.16
(13,748)	1:53:A:THR:H	1:53:A:THR:HG23	3	0.16
(13,721)	1:45:A:ALA:H	1:46:A:ASN:HD21	11	0.16
(13,684)	1:10:A:ASN:HD22	1:14:A:VAL:HB	1	0.16
(13,684)	1:10:A:ASN:HD22	1:14:A:VAL:HB	6	0.16
(13,682)	1:98:A:ILE:H	1:104:A:PHE:H	19	0.16
(13,635)	1:66:A:THR:H	1:69:A:MET:HA	7	0.16
(13,613)	1:23:A:LEU:HD21	1:25:A:ALA:H	3	0.16
(13,613)	1:23:A:LEU:HD22	1:25:A:ALA:H	3	0.16
(13,613)	1:23:A:LEU:HD23	1:25:A:ALA:H	3	0.16
(13,500)	1:97:A:ASP:HA	1:105:A:LYS:H	16	0.16
(13,483)	1:98:A:ILE:H	1:105:A:LYS:H	6	0.16
(13,471)	1:103:A:ARG:H	1:103:A:ARG:HG2	17	0.16
(13,471)	1:103:A:ARG:H	1:103:A:ARG:HG3	17	0.16
(13,434)	1:143:A:TRP:H	1:144:A:LEU:HD21	5	0.16
(13,434)	1:143:A:TRP:H	1:144:A:LEU:HD22	5	0.16
(13,434)	1:143:A:TRP:H	1:144:A:LEU:HD23	5	0.16
(13,366)	1:132:A:ALA:H	1:133:A:ASN:HD22	17	0.16
(13,349)	1:104:A:PHE:H	1:106:A:ASP:H	17	0.16
(13,271)	1:112:A:GLN:H	1:112:A:GLN:HE21	11	0.16
(13,189)	1:44:A:GLU:H	1:44:A:GLU:HG3	9	0.16
(13,189)	1:44:A:GLU:H	1:44:A:GLU:HG2	9	0.16
(13,89)	1:96:A:VAL:H	1:97:A:ASP:H	14	0.16
(13,67)	1:79:A:THR:HG21	1:81:A:GLU:H	18	0.16
(13,67)	1:79:A:THR:HG22	1:81:A:GLU:H	18	0.16
(13,67)	1:79:A:THR:HG23	1:81:A:GLU:H	18	0.16
(11,2456)	1:142:A:LYS:HG2	1:143:A:TRP:HE1	10	0.16
(11,2456)	1:142:A:LYS:HG3	1:143:A:TRP:HE1	10	0.16
(11,2436)	1:139:A:LEU:HD11	1:142:A:LYS:HA	5	0.16
(11,2436)	1:139:A:LEU:HD12	1:142:A:LYS:HA	5	0.16
(11,2436)	1:139:A:LEU:HD13	1:142:A:LYS:HA	5	0.16
(11,2436)	1:139:A:LEU:HD21	1:142:A:LYS:HA	5	0.16
(11,2436)	1:139:A:LEU:HD22	1:142:A:LYS:HA	5	0.16
(11,2436)	1:139:A:LEU:HD23	1:142:A:LYS:HA	5	0.16
(11,2436)	1:139:A:LEU:HD11	1:142:A:LYS:HA	19	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2436)	1:139:A:LEU:HD12	1:142:A:LYS:HA	19	0.16
(11,2436)	1:139:A:LEU:HD13	1:142:A:LYS:HA	19	0.16
(11,2436)	1:139:A:LEU:HD21	1:142:A:LYS:HA	19	0.16
(11,2436)	1:139:A:LEU:HD22	1:142:A:LYS:HA	19	0.16
(11,2436)	1:139:A:LEU:HD23	1:142:A:LYS:HA	19	0.16
(11,2394)	1:126:A:GLY:H	1:128:A:LEU:HD11	5	0.16
(11,2394)	1:126:A:GLY:H	1:128:A:LEU:HD12	5	0.16
(11,2394)	1:126:A:GLY:H	1:128:A:LEU:HD13	5	0.16
(11,2394)	1:126:A:GLY:H	1:128:A:LEU:HD21	5	0.16
(11,2394)	1:126:A:GLY:H	1:128:A:LEU:HD22	5	0.16
(11,2394)	1:126:A:GLY:H	1:128:A:LEU:HD23	5	0.16
(11,2383)	1:119:A:LEU:HD11	1:121:A:VAL:H	19	0.16
(11,2383)	1:119:A:LEU:HD12	1:121:A:VAL:H	19	0.16
(11,2383)	1:119:A:LEU:HD13	1:121:A:VAL:H	19	0.16
(11,2383)	1:119:A:LEU:HD21	1:121:A:VAL:H	19	0.16
(11,2383)	1:119:A:LEU:HD22	1:121:A:VAL:H	19	0.16
(11,2383)	1:119:A:LEU:HD23	1:121:A:VAL:H	19	0.16
(11,2340)	1:107:A:LEU:HD11	1:108:A:GLU:H	5	0.16
(11,2340)	1:107:A:LEU:HD12	1:108:A:GLU:H	5	0.16
(11,2340)	1:107:A:LEU:HD13	1:108:A:GLU:H	5	0.16
(11,2340)	1:107:A:LEU:HD21	1:108:A:GLU:H	5	0.16
(11,2340)	1:107:A:LEU:HD22	1:108:A:GLU:H	5	0.16
(11,2340)	1:107:A:LEU:HD23	1:108:A:GLU:H	5	0.16
(11,2303)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	18	0.16
(11,2303)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	18	0.16
(11,2303)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	18	0.16
(11,2303)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	18	0.16
(11,2303)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	18	0.16
(11,2303)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	18	0.16
(11,2303)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	18	0.16
(11,2303)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	18	0.16
(11,2303)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	18	0.16
(11,2303)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	18	0.16
(11,2303)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	18	0.16
(11,2303)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	18	0.16
(11,2299)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	7	0.16
(11,2299)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	7	0.16
(11,2299)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	7	0.16
(11,2299)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	7	0.16
(11,2299)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	7	0.16
(11,2299)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	7	0.16
(11,2225)	1:64:A:LYS:H	1:116:A:GLN:HE21	14	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2225)	1:64:A:LYS:H	1:116:A:GLN:HE22	14	0.16
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD11	6	0.16
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD12	6	0.16
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD13	6	0.16
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD21	6	0.16
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD22	6	0.16
(11,2183)	1:47:A:ALA:H	1:131:A:LEU:HD23	6	0.16
(11,2093)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	1	0.16
(11,2093)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	1	0.16
(11,2093)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	1	0.16
(11,2093)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	1	0.16
(11,2093)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	1	0.16
(11,2093)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	1	0.16
(11,2093)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	1	0.16
(11,2093)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	1	0.16
(11,2093)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	1	0.16
(11,2093)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	1	0.16
(11,2093)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	1	0.16
(11,2093)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	1	0.16
(11,2087)	1:35:A:LEU:HD11	1:38:A:GLU:H	12	0.16
(11,2087)	1:35:A:LEU:HD12	1:38:A:GLU:H	12	0.16
(11,2087)	1:35:A:LEU:HD13	1:38:A:GLU:H	12	0.16
(11,2087)	1:35:A:LEU:HD21	1:38:A:GLU:H	12	0.16
(11,2087)	1:35:A:LEU:HD22	1:38:A:GLU:H	12	0.16
(11,2087)	1:35:A:LEU:HD23	1:38:A:GLU:H	12	0.16
(11,2072)	1:32:A:GLY:HA2	1:33:A:LYS:H	3	0.16
(11,2072)	1:32:A:GLY:HA3	1:33:A:LYS:H	3	0.16
(11,1997)	1:12:A:VAL:HG11	1:43:A:MET:HE1	3	0.16
(11,1997)	1:12:A:VAL:HG11	1:43:A:MET:HE2	3	0.16
(11,1997)	1:12:A:VAL:HG11	1:43:A:MET:HE3	3	0.16
(11,1997)	1:12:A:VAL:HG12	1:43:A:MET:HE1	3	0.16
(11,1997)	1:12:A:VAL:HG12	1:43:A:MET:HE2	3	0.16
(11,1997)	1:12:A:VAL:HG12	1:43:A:MET:HE3	3	0.16
(11,1997)	1:12:A:VAL:HG13	1:43:A:MET:HE1	3	0.16
(11,1997)	1:12:A:VAL:HG13	1:43:A:MET:HE2	3	0.16
(11,1997)	1:12:A:VAL:HG13	1:43:A:MET:HE3	3	0.16
(11,1997)	1:12:A:VAL:HG21	1:43:A:MET:HE1	3	0.16
(11,1997)	1:12:A:VAL:HG21	1:43:A:MET:HE2	3	0.16
(11,1997)	1:12:A:VAL:HG21	1:43:A:MET:HE3	3	0.16
(11,1997)	1:12:A:VAL:HG22	1:43:A:MET:HE1	3	0.16
(11,1997)	1:12:A:VAL:HG22	1:43:A:MET:HE2	3	0.16
(11,1997)	1:12:A:VAL:HG22	1:43:A:MET:HE3	3	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1997)	1:12:A:VAL:HG23	1:43:A:MET:HE1	3	0.16
(11,1997)	1:12:A:VAL:HG23	1:43:A:MET:HE2	3	0.16
(11,1997)	1:12:A:VAL:HG23	1:43:A:MET:HE3	3	0.16
(11,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	17	0.16
(11,1992)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	17	0.16
(11,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	17	0.16
(11,1992)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	17	0.16
(11,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	17	0.16
(11,1992)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	17	0.16
(11,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	17	0.16
(11,1992)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	17	0.16
(11,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	17	0.16
(11,1992)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	17	0.16
(11,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	17	0.16
(11,1992)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	17	0.16
(11,1987)	1:12:A:VAL:HA	1:40:A:LEU:HD11	19	0.16
(11,1987)	1:12:A:VAL:HA	1:40:A:LEU:HD12	19	0.16
(11,1987)	1:12:A:VAL:HA	1:40:A:LEU:HD13	19	0.16
(11,1987)	1:12:A:VAL:HA	1:40:A:LEU:HD21	19	0.16
(11,1987)	1:12:A:VAL:HA	1:40:A:LEU:HD22	19	0.16
(11,1987)	1:12:A:VAL:HA	1:40:A:LEU:HD23	19	0.16
(11,1942)	1:14:A:VAL:HB	1:18:A:PHE:HZ	5	0.16
(11,1918)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	3	0.16
(11,1918)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	3	0.16
(11,1918)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	3	0.16
(11,1918)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	3	0.16
(11,1914)	1:18:A:PHE:HE1	1:60:A:LEU:HB2	17	0.16
(11,1914)	1:18:A:PHE:HE2	1:60:A:LEU:HB2	17	0.16
(11,1895)	1:71:A:LYS:HA	1:72:A:PHE:HD1	6	0.16
(11,1895)	1:71:A:LYS:HA	1:72:A:PHE:HD2	6	0.16
(11,1875)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	6	0.16
(11,1875)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	6	0.16
(11,1847)	1:113:A:PHE:HD1	1:114:A:ILE:HD11	6	0.16
(11,1847)	1:113:A:PHE:HD1	1:114:A:ILE:HD12	6	0.16
(11,1847)	1:113:A:PHE:HD1	1:114:A:ILE:HD13	6	0.16
(11,1847)	1:113:A:PHE:HD2	1:114:A:ILE:HD11	6	0.16
(11,1847)	1:113:A:PHE:HD2	1:114:A:ILE:HD12	6	0.16
(11,1847)	1:113:A:PHE:HD2	1:114:A:ILE:HD13	6	0.16
(11,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	14	0.16
(11,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	14	0.16
(11,1825)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	14	0.16
(11,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	14	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	14	0.16
(11,1825)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	14	0.16
(11,1785)	1:36:A:PRO:HA	1:37:A:LEU:HG	4	0.16
(11,1785)	1:36:A:PRO:HA	1:37:A:LEU:HG	14	0.16
(11,1763)	1:21:A:THR:HG21	1:23:A:LEU:HD21	9	0.16
(11,1763)	1:21:A:THR:HG21	1:23:A:LEU:HD22	9	0.16
(11,1763)	1:21:A:THR:HG21	1:23:A:LEU:HD23	9	0.16
(11,1763)	1:21:A:THR:HG22	1:23:A:LEU:HD21	9	0.16
(11,1763)	1:21:A:THR:HG22	1:23:A:LEU:HD22	9	0.16
(11,1763)	1:21:A:THR:HG22	1:23:A:LEU:HD23	9	0.16
(11,1763)	1:21:A:THR:HG23	1:23:A:LEU:HD21	9	0.16
(11,1763)	1:21:A:THR:HG23	1:23:A:LEU:HD22	9	0.16
(11,1763)	1:21:A:THR:HG23	1:23:A:LEU:HD23	9	0.16
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD2	10	0.16
(11,1761)	1:21:A:THR:HG21	1:27:A:ARG:HD3	10	0.16
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD2	10	0.16
(11,1761)	1:21:A:THR:HG22	1:27:A:ARG:HD3	10	0.16
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD2	10	0.16
(11,1761)	1:21:A:THR:HG23	1:27:A:ARG:HD3	10	0.16
(11,1662)	1:34:A:LYS:H	1:80:A:TYR:HA	11	0.16
(11,1636)	1:120:A:CYS:H	1:121:A:VAL:HG21	16	0.16
(11,1636)	1:120:A:CYS:H	1:121:A:VAL:HG22	16	0.16
(11,1636)	1:120:A:CYS:H	1:121:A:VAL:HG23	16	0.16
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD11	16	0.16
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD12	16	0.16
(11,1609)	1:57:A:LEU:HG	1:58:A:ILE:HD13	16	0.16
(11,1574)	1:139:A:LEU:HD11	1:142:A:LYS:HE2	18	0.16
(11,1574)	1:139:A:LEU:HD11	1:142:A:LYS:HE3	18	0.16
(11,1574)	1:139:A:LEU:HD12	1:142:A:LYS:HE2	18	0.16
(11,1574)	1:139:A:LEU:HD12	1:142:A:LYS:HE3	18	0.16
(11,1574)	1:139:A:LEU:HD13	1:142:A:LYS:HE2	18	0.16
(11,1574)	1:139:A:LEU:HD13	1:142:A:LYS:HE3	18	0.16
(11,1568)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	1	0.16
(11,1568)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	1	0.16
(11,1568)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	1	0.16
(11,1557)	1:110:A:MET:H	1:110:A:MET:HE1	2	0.16
(11,1557)	1:110:A:MET:H	1:110:A:MET:HE2	2	0.16
(11,1557)	1:110:A:MET:H	1:110:A:MET:HE3	2	0.16
(11,1557)	1:110:A:MET:H	1:110:A:MET:HE1	8	0.16
(11,1557)	1:110:A:MET:H	1:110:A:MET:HE2	8	0.16
(11,1557)	1:110:A:MET:H	1:110:A:MET:HE3	8	0.16
(11,1542)	1:69:A:MET:HE1	1:113:A:PHE:HD1	4	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1542)	1:69:A:MET:HE1	1:113:A:PHE:HD2	4	0.16
(11,1542)	1:69:A:MET:HE2	1:113:A:PHE:HD1	4	0.16
(11,1542)	1:69:A:MET:HE2	1:113:A:PHE:HD2	4	0.16
(11,1542)	1:69:A:MET:HE3	1:113:A:PHE:HD1	4	0.16
(11,1542)	1:69:A:MET:HE3	1:113:A:PHE:HD2	4	0.16
(11,1529)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	6	0.16
(11,1529)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	6	0.16
(11,1529)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	6	0.16
(11,1522)	1:15:A:ALA:H	1:43:A:MET:HE1	18	0.16
(11,1522)	1:15:A:ALA:H	1:43:A:MET:HE2	18	0.16
(11,1522)	1:15:A:ALA:H	1:43:A:MET:HE3	18	0.16
(11,1501)	1:101:A:ILE:HG21	1:102:A:PRO:HA	6	0.16
(11,1501)	1:101:A:ILE:HG22	1:102:A:PRO:HA	6	0.16
(11,1501)	1:101:A:ILE:HG23	1:102:A:PRO:HA	6	0.16
(11,1451)	1:50:A:ALA:HB1	1:127:A:CYS:HA	16	0.16
(11,1451)	1:50:A:ALA:HB2	1:127:A:CYS:HA	16	0.16
(11,1451)	1:50:A:ALA:HB3	1:127:A:CYS:HA	16	0.16
(11,1437)	1:69:A:MET:HA	1:73:A:ILE:HG21	6	0.16
(11,1437)	1:69:A:MET:HA	1:73:A:ILE:HG22	6	0.16
(11,1437)	1:69:A:MET:HA	1:73:A:ILE:HG23	6	0.16
(11,1218)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	15	0.16
(11,1218)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	15	0.16
(11,1218)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	15	0.16
(11,1186)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	1	0.16
(11,1186)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	1	0.16
(11,1186)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	1	0.16
(11,1178)	1:30:A:LEU:H	1:30:A:LEU:HD21	13	0.16
(11,1178)	1:30:A:LEU:H	1:30:A:LEU:HD22	13	0.16
(11,1178)	1:30:A:LEU:H	1:30:A:LEU:HD23	13	0.16
(11,1128)	1:41:A:LYS:HA	1:41:A:LYS:HG2	16	0.16
(11,1099)	1:48:A:ARG:H	1:48:A:ARG:HG2	8	0.16
(11,1099)	1:48:A:ARG:H	1:48:A:ARG:HG3	8	0.16
(11,1093)	1:108:A:GLU:HB2	1:109:A:PRO:HD3	1	0.16
(11,1066)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	10	0.16
(11,1066)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	10	0.16
(11,1054)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	3	0.16
(11,1054)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	3	0.16
(11,1054)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	3	0.16
(11,1054)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	3	0.16
(11,1054)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	3	0.16
(11,1054)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	3	0.16
(11,1054)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	6	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1054)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	6	0.16
(11,1054)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	6	0.16
(11,1054)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	6	0.16
(11,1054)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	6	0.16
(11,1054)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	6	0.16
(11,1047)	1:11:A:ILE:HB	1:44:A:GLU:HB2	17	0.16
(11,1047)	1:11:A:ILE:HB	1:44:A:GLU:HB3	17	0.16
(11,1000)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	1	0.16
(11,1000)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	10	0.16
(11,903)	1:21:A:THR:HB	1:23:A:LEU:H	11	0.16
(11,861)	1:37:A:LEU:HB2	1:39:A:VAL:H	14	0.16
(11,846)	1:49:A:LYS:HA	1:49:A:LYS:HE2	13	0.16
(11,846)	1:49:A:LYS:HA	1:49:A:LYS:HE3	13	0.16
(11,812)	1:98:A:ILE:HD11	1:116:A:GLN:H	18	0.16
(11,812)	1:98:A:ILE:HD12	1:116:A:GLN:H	18	0.16
(11,812)	1:98:A:ILE:HD13	1:116:A:GLN:H	18	0.16
(11,811)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	19	0.16
(11,811)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	19	0.16
(11,811)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	19	0.16
(11,811)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	19	0.16
(11,811)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	19	0.16
(11,811)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	19	0.16
(11,789)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	6	0.16
(11,789)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	6	0.16
(11,789)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	6	0.16
(11,789)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	6	0.16
(11,789)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	6	0.16
(11,789)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	6	0.16
(11,789)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	9	0.16
(11,789)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	9	0.16
(11,789)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	9	0.16
(11,789)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	9	0.16
(11,789)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	9	0.16
(11,789)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	9	0.16
(11,781)	1:11:A:ILE:HA	1:11:A:ILE:HD11	13	0.16
(11,781)	1:11:A:ILE:HA	1:11:A:ILE:HD12	13	0.16
(11,781)	1:11:A:ILE:HA	1:11:A:ILE:HD13	13	0.16
(11,771)	1:101:A:ILE:HD11	1:115:A:ALA:H	19	0.16
(11,771)	1:101:A:ILE:HD12	1:115:A:ALA:H	19	0.16
(11,771)	1:101:A:ILE:HD13	1:115:A:ALA:H	19	0.16
(11,736)	1:45:A:ALA:H	1:46:A:ASN:HD21	11	0.16
(11,698)	1:98:A:ILE:H	1:104:A:PHE:H	19	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,643)	1:66:A:THR:H	1:69:A:MET:HA	7	0.16
(11,618)	1:23:A:LEU:HD21	1:25:A:ALA:H	3	0.16
(11,618)	1:23:A:LEU:HD22	1:25:A:ALA:H	3	0.16
(11,618)	1:23:A:LEU:HD23	1:25:A:ALA:H	3	0.16
(11,506)	1:97:A:ASP:HA	1:105:A:LYS:H	16	0.16
(11,493)	1:8:A:ASP:HB2	1:9:A:PHE:H	6	0.16
(11,487)	1:79:A:THR:H	1:79:A:THR:HG21	7	0.16
(11,487)	1:79:A:THR:H	1:79:A:THR:HG22	7	0.16
(11,487)	1:79:A:THR:H	1:79:A:THR:HG23	7	0.16
(11,440)	1:143:A:TRP:H	1:144:A:LEU:HD21	5	0.16
(11,440)	1:143:A:TRP:H	1:144:A:LEU:HD22	5	0.16
(11,440)	1:143:A:TRP:H	1:144:A:LEU:HD23	5	0.16
(11,438)	1:133:A:ASN:H	1:133:A:ASN:HB2	19	0.16
(11,377)	1:41:A:LYS:H	1:44:A:GLU:HB2	7	0.16
(11,377)	1:41:A:LYS:H	1:44:A:GLU:HB3	7	0.16
(11,373)	1:132:A:ALA:H	1:133:A:ASN:HD22	17	0.16
(11,367)	1:70:A:LYS:H	1:70:A:LYS:HE2	17	0.16
(11,367)	1:70:A:LYS:H	1:70:A:LYS:HE3	17	0.16
(11,356)	1:104:A:PHE:H	1:106:A:ASP:H	17	0.16
(11,338)	1:57:A:LEU:H	1:58:A:ILE:HB	4	0.16
(11,293)	1:121:A:VAL:H	1:123:A:CYS:H	2	0.16
(11,284)	1:73:A:ILE:HD11	1:112:A:GLN:H	14	0.16
(11,284)	1:73:A:ILE:HD12	1:112:A:GLN:H	14	0.16
(11,284)	1:73:A:ILE:HD13	1:112:A:GLN:H	14	0.16
(11,273)	1:112:A:GLN:H	1:112:A:GLN:HE21	11	0.16
(11,227)	1:44:A:GLU:HG3	1:48:A:ARG:H	16	0.16
(11,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	1	0.16
(11,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	1	0.16
(11,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	1	0.16
(11,59)	1:11:A:ILE:HD11	1:47:A:ALA:H	4	0.16
(11,59)	1:11:A:ILE:HD12	1:47:A:ALA:H	4	0.16
(11,59)	1:11:A:ILE:HD13	1:47:A:ALA:H	4	0.16
(11,49)	1:44:A:GLU:HG3	1:47:A:ALA:H	3	0.16
(9,2364)	1:131:A:LEU:HD11	1:134:A:VAL:HB	13	0.16
(9,2364)	1:131:A:LEU:HD12	1:134:A:VAL:HB	13	0.16
(9,2364)	1:131:A:LEU:HD13	1:134:A:VAL:HB	13	0.16
(9,2364)	1:131:A:LEU:HD21	1:134:A:VAL:HB	13	0.16
(9,2364)	1:131:A:LEU:HD22	1:134:A:VAL:HB	13	0.16
(9,2364)	1:131:A:LEU:HD23	1:134:A:VAL:HB	13	0.16
(9,2340)	1:126:A:GLY:H	1:128:A:LEU:HD11	5	0.16
(9,2340)	1:126:A:GLY:H	1:128:A:LEU:HD12	5	0.16
(9,2340)	1:126:A:GLY:H	1:128:A:LEU:HD13	5	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2340)	1:126:A:GLY:H	1:128:A:LEU:HD21	5	0.16
(9,2340)	1:126:A:GLY:H	1:128:A:LEU:HD22	5	0.16
(9,2340)	1:126:A:GLY:H	1:128:A:LEU:HD23	5	0.16
(9,2322)	1:119:A:LEU:HD11	1:121:A:VAL:H	19	0.16
(9,2322)	1:119:A:LEU:HD12	1:121:A:VAL:H	19	0.16
(9,2322)	1:119:A:LEU:HD13	1:121:A:VAL:H	19	0.16
(9,2322)	1:119:A:LEU:HD21	1:121:A:VAL:H	19	0.16
(9,2322)	1:119:A:LEU:HD22	1:121:A:VAL:H	19	0.16
(9,2322)	1:119:A:LEU:HD23	1:121:A:VAL:H	19	0.16
(9,2272)	1:107:A:LEU:HD11	1:112:A:GLN:H	1	0.16
(9,2272)	1:107:A:LEU:HD12	1:112:A:GLN:H	1	0.16
(9,2272)	1:107:A:LEU:HD13	1:112:A:GLN:H	1	0.16
(9,2272)	1:107:A:LEU:HD21	1:112:A:GLN:H	1	0.16
(9,2272)	1:107:A:LEU:HD22	1:112:A:GLN:H	1	0.16
(9,2272)	1:107:A:LEU:HD23	1:112:A:GLN:H	1	0.16
(9,2268)	1:107:A:LEU:HD11	1:108:A:GLU:H	5	0.16
(9,2268)	1:107:A:LEU:HD12	1:108:A:GLU:H	5	0.16
(9,2268)	1:107:A:LEU:HD13	1:108:A:GLU:H	5	0.16
(9,2268)	1:107:A:LEU:HD21	1:108:A:GLU:H	5	0.16
(9,2268)	1:107:A:LEU:HD22	1:108:A:GLU:H	5	0.16
(9,2268)	1:107:A:LEU:HD23	1:108:A:GLU:H	5	0.16
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD11	17	0.16
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD12	17	0.16
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD13	17	0.16
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD21	17	0.16
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD22	17	0.16
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD23	17	0.16
(9,2250)	1:100:A:ALA:HA	1:119:A:LEU:HD11	16	0.16
(9,2250)	1:100:A:ALA:HA	1:119:A:LEU:HD12	16	0.16
(9,2250)	1:100:A:ALA:HA	1:119:A:LEU:HD13	16	0.16
(9,2250)	1:100:A:ALA:HA	1:119:A:LEU:HD21	16	0.16
(9,2250)	1:100:A:ALA:HA	1:119:A:LEU:HD22	16	0.16
(9,2250)	1:100:A:ALA:HA	1:119:A:LEU:HD23	16	0.16
(9,2238)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	15	0.16
(9,2238)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	15	0.16
(9,2238)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	15	0.16
(9,2238)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	15	0.16
(9,2238)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	15	0.16
(9,2238)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	15	0.16
(9,2226)	1:79:A:THR:HG21	1:81:A:GLU:HB2	14	0.16
(9,2226)	1:79:A:THR:HG21	1:81:A:GLU:HB3	14	0.16
(9,2226)	1:79:A:THR:HG22	1:81:A:GLU:HB2	14	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2226)	1:79:A:THR:HG22	1:81:A:GLU:HB3	14	0.16
(9,2226)	1:79:A:THR:HG23	1:81:A:GLU:HB2	14	0.16
(9,2226)	1:79:A:THR:HG23	1:81:A:GLU:HB3	14	0.16
(9,2223)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	15	0.16
(9,2223)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	15	0.16
(9,2200)	1:69:A:MET:HG2	1:109:A:PRO:HA	16	0.16
(9,2200)	1:69:A:MET:HG3	1:109:A:PRO:HA	16	0.16
(9,2090)	1:39:A:VAL:HG11	1:41:A:LYS:H	13	0.16
(9,2090)	1:39:A:VAL:HG12	1:41:A:LYS:H	13	0.16
(9,2090)	1:39:A:VAL:HG13	1:41:A:LYS:H	13	0.16
(9,2090)	1:39:A:VAL:HG21	1:41:A:LYS:H	13	0.16
(9,2090)	1:39:A:VAL:HG22	1:41:A:LYS:H	13	0.16
(9,2090)	1:39:A:VAL:HG23	1:41:A:LYS:H	13	0.16
(9,2085)	1:39:A:VAL:HA	1:140:A:LEU:HD11	2	0.16
(9,2085)	1:39:A:VAL:HA	1:140:A:LEU:HD12	2	0.16
(9,2085)	1:39:A:VAL:HA	1:140:A:LEU:HD13	2	0.16
(9,2085)	1:39:A:VAL:HA	1:140:A:LEU:HD21	2	0.16
(9,2085)	1:39:A:VAL:HA	1:140:A:LEU:HD22	2	0.16
(9,2085)	1:39:A:VAL:HA	1:140:A:LEU:HD23	2	0.16
(9,2072)	1:37:A:LEU:HA	1:39:A:VAL:HG11	5	0.16
(9,2072)	1:37:A:LEU:HA	1:39:A:VAL:HG12	5	0.16
(9,2072)	1:37:A:LEU:HA	1:39:A:VAL:HG13	5	0.16
(9,2072)	1:37:A:LEU:HA	1:39:A:VAL:HG21	5	0.16
(9,2072)	1:37:A:LEU:HA	1:39:A:VAL:HG22	5	0.16
(9,2072)	1:37:A:LEU:HA	1:39:A:VAL:HG23	5	0.16
(9,2059)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	1	0.16
(9,2059)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	1	0.16
(9,2059)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	1	0.16
(9,2059)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	1	0.16
(9,2059)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	1	0.16
(9,2059)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	1	0.16
(9,2055)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	6	0.16
(9,2055)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	6	0.16
(9,2055)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	6	0.16
(9,2055)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	6	0.16
(9,2055)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	6	0.16
(9,2055)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	6	0.16
(9,2055)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	18	0.16
(9,2055)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	18	0.16
(9,2055)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	18	0.16
(9,2055)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	18	0.16
(9,2055)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	18	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2055)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	18	0.16
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	16	0.16
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	16	0.16
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	16	0.16
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	16	0.16
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	16	0.16
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	16	0.16
(9,1954)	1:12:A:VAL:H	1:14:A:VAL:HG11	17	0.16
(9,1954)	1:12:A:VAL:H	1:14:A:VAL:HG12	17	0.16
(9,1954)	1:12:A:VAL:H	1:14:A:VAL:HG13	17	0.16
(9,1954)	1:12:A:VAL:H	1:14:A:VAL:HG21	17	0.16
(9,1954)	1:12:A:VAL:H	1:14:A:VAL:HG22	17	0.16
(9,1954)	1:12:A:VAL:H	1:14:A:VAL:HG23	17	0.16
(9,1939)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	15	0.16
(9,1939)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	15	0.16
(9,1939)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	15	0.16
(9,1939)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	15	0.16
(9,1908)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	19	0.16
(9,1904)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	9	0.16
(9,1904)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	9	0.16
(9,1904)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	9	0.16
(9,1904)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	9	0.16
(9,1879)	1:68:A:LYS:HA	1:72:A:PHE:HE1	11	0.16
(9,1879)	1:68:A:LYS:HA	1:72:A:PHE:HE2	11	0.16
(9,1874)	1:14:A:VAL:HA	1:18:A:PHE:HD1	2	0.16
(9,1874)	1:14:A:VAL:HA	1:18:A:PHE:HD2	2	0.16
(9,1874)	1:14:A:VAL:HA	1:18:A:PHE:HD1	7	0.16
(9,1874)	1:14:A:VAL:HA	1:18:A:PHE:HD2	7	0.16
(9,1873)	1:71:A:LYS:HA	1:72:A:PHE:HD1	6	0.16
(9,1873)	1:71:A:LYS:HA	1:72:A:PHE:HD2	6	0.16
(9,1862)	1:76:A:ARG:HG2	1:113:A:PHE:HE1	10	0.16
(9,1862)	1:76:A:ARG:HG2	1:113:A:PHE:HE2	10	0.16
(9,1862)	1:76:A:ARG:HG3	1:113:A:PHE:HE1	10	0.16
(9,1862)	1:76:A:ARG:HG3	1:113:A:PHE:HE2	10	0.16
(9,1857)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	8	0.16
(9,1857)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	8	0.16
(9,1845)	1:9:A:PHE:HD1	1:57:A:LEU:HG	19	0.16
(9,1845)	1:9:A:PHE:HD2	1:57:A:LEU:HG	19	0.16
(9,1821)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	9	0.16
(9,1719)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	9	0.16
(9,1719)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	9	0.16
(9,1719)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	9	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1719)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	13	0.16
(9,1719)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	13	0.16
(9,1719)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	13	0.16
(9,1700)	1:141:A:LYS:HA	1:145:A:PRO:HD3	6	0.16
(9,1693)	1:43:A:MET:HG2	1:43:A:MET:HE1	18	0.16
(9,1693)	1:43:A:MET:HG2	1:43:A:MET:HE2	18	0.16
(9,1693)	1:43:A:MET:HG2	1:43:A:MET:HE3	18	0.16
(9,1678)	1:69:A:MET:HA	1:109:A:PRO:HA	2	0.16
(9,1658)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	10	0.16
(9,1658)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	10	0.16
(9,1639)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	16	0.16
(9,1639)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	16	0.16
(9,1639)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	16	0.16
(9,1639)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	16	0.16
(9,1639)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	16	0.16
(9,1639)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	16	0.16
(9,1597)	1:120:A:CYS:H	1:121:A:VAL:HG21	16	0.16
(9,1597)	1:120:A:CYS:H	1:121:A:VAL:HG22	16	0.16
(9,1597)	1:120:A:CYS:H	1:121:A:VAL:HG23	16	0.16
(9,1533)	1:110:A:MET:H	1:110:A:MET:HE1	2	0.16
(9,1533)	1:110:A:MET:H	1:110:A:MET:HE2	2	0.16
(9,1533)	1:110:A:MET:H	1:110:A:MET:HE3	2	0.16
(9,1533)	1:110:A:MET:H	1:110:A:MET:HE1	8	0.16
(9,1533)	1:110:A:MET:H	1:110:A:MET:HE2	8	0.16
(9,1533)	1:110:A:MET:H	1:110:A:MET:HE3	8	0.16
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE1	6	0.16
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE2	6	0.16
(9,1531)	1:76:A:ARG:HG2	1:110:A:MET:HE3	6	0.16
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE1	6	0.16
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE2	6	0.16
(9,1531)	1:76:A:ARG:HG3	1:110:A:MET:HE3	6	0.16
(9,1518)	1:69:A:MET:HE1	1:113:A:PHE:HD1	4	0.16
(9,1518)	1:69:A:MET:HE1	1:113:A:PHE:HD2	4	0.16
(9,1518)	1:69:A:MET:HE2	1:113:A:PHE:HD1	4	0.16
(9,1518)	1:69:A:MET:HE2	1:113:A:PHE:HD2	4	0.16
(9,1518)	1:69:A:MET:HE3	1:113:A:PHE:HD1	4	0.16
(9,1518)	1:69:A:MET:HE3	1:113:A:PHE:HD2	4	0.16
(9,1514)	1:69:A:MET:HE1	1:115:A:ALA:H	6	0.16
(9,1514)	1:69:A:MET:HE2	1:115:A:ALA:H	6	0.16
(9,1514)	1:69:A:MET:HE3	1:115:A:ALA:H	6	0.16
(9,1504)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	6	0.16
(9,1504)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	6	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1504)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	6	0.16
(9,1496)	1:15:A:ALA:H	1:43:A:MET:HE1	18	0.16
(9,1496)	1:15:A:ALA:H	1:43:A:MET:HE2	18	0.16
(9,1496)	1:15:A:ALA:H	1:43:A:MET:HE3	18	0.16
(9,1475)	1:101:A:ILE:HG21	1:102:A:PRO:HA	6	0.16
(9,1475)	1:101:A:ILE:HG22	1:102:A:PRO:HA	6	0.16
(9,1475)	1:101:A:ILE:HG23	1:102:A:PRO:HA	6	0.16
(9,1417)	1:149:A:ALA:HB1	1:150:A:THR:HG21	2	0.16
(9,1417)	1:149:A:ALA:HB1	1:150:A:THR:HG22	2	0.16
(9,1417)	1:149:A:ALA:HB1	1:150:A:THR:HG23	2	0.16
(9,1417)	1:149:A:ALA:HB2	1:150:A:THR:HG21	2	0.16
(9,1417)	1:149:A:ALA:HB2	1:150:A:THR:HG22	2	0.16
(9,1417)	1:149:A:ALA:HB2	1:150:A:THR:HG23	2	0.16
(9,1417)	1:149:A:ALA:HB3	1:150:A:THR:HG21	2	0.16
(9,1417)	1:149:A:ALA:HB3	1:150:A:THR:HG22	2	0.16
(9,1417)	1:149:A:ALA:HB3	1:150:A:THR:HG23	2	0.16
(9,1351)	1:121:A:VAL:H	1:121:A:VAL:HG11	12	0.16
(9,1351)	1:121:A:VAL:H	1:121:A:VAL:HG12	12	0.16
(9,1351)	1:121:A:VAL:H	1:121:A:VAL:HG13	12	0.16
(9,1247)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	18	0.16
(9,1247)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	18	0.16
(9,1247)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	18	0.16
(9,1247)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	18	0.16
(9,1247)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	18	0.16
(9,1247)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	18	0.16
(9,1243)	1:38:A:GLU:HB2	1:139:A:LEU:HD21	13	0.16
(9,1243)	1:38:A:GLU:HB2	1:139:A:LEU:HD22	13	0.16
(9,1243)	1:38:A:GLU:HB2	1:139:A:LEU:HD23	13	0.16
(9,1223)	1:110:A:MET:HA	1:113:A:PHE:HB2	17	0.16
(9,1209)	1:41:A:LYS:HA	1:41:A:LYS:HG2	18	0.16
(9,1152)	1:71:A:LYS:HA	1:71:A:LYS:HE2	6	0.16
(9,1152)	1:71:A:LYS:HA	1:71:A:LYS:HE3	6	0.16
(9,1114)	1:41:A:LYS:HA	1:41:A:LYS:HG3	8	0.16
(9,1083)	1:108:A:GLU:HB2	1:109:A:PRO:HD3	1	0.16
(9,1076)	1:103:A:ARG:HB2	1:104:A:PHE:HA	12	0.16
(9,1076)	1:103:A:ARG:HB3	1:104:A:PHE:HA	12	0.16
(9,1073)	1:38:A:GLU:HA	1:41:A:LYS:H	8	0.16
(9,1013)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	1	0.16
(9,1013)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	1	0.16
(9,1013)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	1	0.16
(9,862)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	19	0.16
(9,862)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	19	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,862)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	19	0.16
(9,844)	1:49:A:LYS:HA	1:49:A:LYS:HE2	13	0.16
(9,844)	1:49:A:LYS:HA	1:49:A:LYS:HE3	13	0.16
(9,843)	1:68:A:LYS:HA	1:68:A:LYS:HE2	15	0.16
(9,843)	1:68:A:LYS:HA	1:68:A:LYS:HE3	15	0.16
(9,758)	1:53:A:THR:H	1:53:A:THR:HG21	3	0.16
(9,758)	1:53:A:THR:H	1:53:A:THR:HG22	3	0.16
(9,758)	1:53:A:THR:H	1:53:A:THR:HG23	3	0.16
(9,727)	1:45:A:ALA:H	1:46:A:ASN:HD21	11	0.16
(9,616)	1:23:A:LEU:HD21	1:25:A:ALA:H	3	0.16
(9,616)	1:23:A:LEU:HD22	1:25:A:ALA:H	3	0.16
(9,616)	1:23:A:LEU:HD23	1:25:A:ALA:H	3	0.16
(9,504)	1:105:A:LYS:H	1:105:A:LYS:HG2	13	0.16
(9,504)	1:105:A:LYS:H	1:105:A:LYS:HG3	13	0.16
(9,480)	1:103:A:ARG:H	1:103:A:ARG:HG2	17	0.16
(9,480)	1:103:A:ARG:H	1:103:A:ARG:HG3	17	0.16
(9,455)	1:142:A:LYS:H	1:143:A:TRP:HB2	8	0.16
(9,363)	1:104:A:PHE:H	1:106:A:ASP:H	17	0.16
(9,320)	1:46:A:ASN:H	1:47:A:ALA:HB1	18	0.16
(9,320)	1:46:A:ASN:H	1:47:A:ALA:HB2	18	0.16
(9,320)	1:46:A:ASN:H	1:47:A:ALA:HB3	18	0.16
(9,298)	1:121:A:VAL:H	1:123:A:CYS:H	2	0.16
(9,233)	1:44:A:GLU:HG3	1:48:A:ARG:H	16	0.16
(9,189)	1:139:A:LEU:H	1:139:A:LEU:HD21	15	0.16
(9,189)	1:139:A:LEU:H	1:139:A:LEU:HD22	15	0.16
(9,189)	1:139:A:LEU:H	1:139:A:LEU:HD23	15	0.16
(9,70)	1:79:A:THR:HG21	1:81:A:GLU:H	18	0.16
(9,70)	1:79:A:THR:HG22	1:81:A:GLU:H	18	0.16
(9,70)	1:79:A:THR:HG23	1:81:A:GLU:H	18	0.16
(9,48)	1:44:A:GLU:HG3	1:47:A:ALA:H	3	0.16
(7,2386)	1:126:A:GLY:H	1:128:A:LEU:HD11	5	0.16
(7,2386)	1:126:A:GLY:H	1:128:A:LEU:HD12	5	0.16
(7,2386)	1:126:A:GLY:H	1:128:A:LEU:HD13	5	0.16
(7,2386)	1:126:A:GLY:H	1:128:A:LEU:HD21	5	0.16
(7,2386)	1:126:A:GLY:H	1:128:A:LEU:HD22	5	0.16
(7,2386)	1:126:A:GLY:H	1:128:A:LEU:HD23	5	0.16
(7,2375)	1:119:A:LEU:HD11	1:121:A:VAL:H	19	0.16
(7,2375)	1:119:A:LEU:HD12	1:121:A:VAL:H	19	0.16
(7,2375)	1:119:A:LEU:HD13	1:121:A:VAL:H	19	0.16
(7,2375)	1:119:A:LEU:HD21	1:121:A:VAL:H	19	0.16
(7,2375)	1:119:A:LEU:HD22	1:121:A:VAL:H	19	0.16
(7,2375)	1:119:A:LEU:HD23	1:121:A:VAL:H	19	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2319)	1:107:A:LEU:HD11	1:112:A:GLN:HA	14	0.16
(7,2319)	1:107:A:LEU:HD12	1:112:A:GLN:HA	14	0.16
(7,2319)	1:107:A:LEU:HD13	1:112:A:GLN:HA	14	0.16
(7,2319)	1:107:A:LEU:HD21	1:112:A:GLN:HA	14	0.16
(7,2319)	1:107:A:LEU:HD22	1:112:A:GLN:HA	14	0.16
(7,2319)	1:107:A:LEU:HD23	1:112:A:GLN:HA	14	0.16
(7,2268)	1:97:A:ASP:HA	1:105:A:LYS:HG2	1	0.16
(7,2268)	1:97:A:ASP:HA	1:105:A:LYS:HG3	1	0.16
(7,2262)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	16	0.16
(7,2262)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	16	0.16
(7,2262)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	16	0.16
(7,2262)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	16	0.16
(7,2262)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	16	0.16
(7,2262)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	16	0.16
(7,2252)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	6	0.16
(7,2252)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	6	0.16
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD11	2	0.16
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD12	2	0.16
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD13	2	0.16
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD21	2	0.16
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD22	2	0.16
(7,2179)	1:60:A:LEU:HG	1:131:A:LEU:HD23	2	0.16
(7,2174)	1:59:A:CYS:H	1:60:A:LEU:HD11	5	0.16
(7,2174)	1:59:A:CYS:H	1:60:A:LEU:HD12	5	0.16
(7,2174)	1:59:A:CYS:H	1:60:A:LEU:HD13	5	0.16
(7,2174)	1:59:A:CYS:H	1:60:A:LEU:HD21	5	0.16
(7,2174)	1:59:A:CYS:H	1:60:A:LEU:HD22	5	0.16
(7,2174)	1:59:A:CYS:H	1:60:A:LEU:HD23	5	0.16
(7,2085)	1:39:A:VAL:HG11	1:43:A:MET:HB2	18	0.16
(7,2085)	1:39:A:VAL:HG12	1:43:A:MET:HB2	18	0.16
(7,2085)	1:39:A:VAL:HG13	1:43:A:MET:HB2	18	0.16
(7,2085)	1:39:A:VAL:HG21	1:43:A:MET:HB2	18	0.16
(7,2085)	1:39:A:VAL:HG22	1:43:A:MET:HB2	18	0.16
(7,2085)	1:39:A:VAL:HG23	1:43:A:MET:HB2	18	0.16
(7,2050)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	1	0.16
(7,2050)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	1	0.16
(7,2050)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	1	0.16
(7,2050)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	1	0.16
(7,2050)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	1	0.16
(7,2050)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	1	0.16
(7,2047)	1:35:A:LEU:HD11	1:80:A:TYR:HB3	4	0.16
(7,2047)	1:35:A:LEU:HD12	1:80:A:TYR:HB3	4	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2047)	1:35:A:LEU:HD13	1:80:A:TYR:HB3	4	0.16
(7,2047)	1:35:A:LEU:HD21	1:80:A:TYR:HB3	4	0.16
(7,2047)	1:35:A:LEU:HD22	1:80:A:TYR:HB3	4	0.16
(7,2047)	1:35:A:LEU:HD23	1:80:A:TYR:HB3	4	0.16
(7,2042)	1:35:A:LEU:HD11	1:38:A:GLU:H	12	0.16
(7,2042)	1:35:A:LEU:HD12	1:38:A:GLU:H	12	0.16
(7,2042)	1:35:A:LEU:HD13	1:38:A:GLU:H	12	0.16
(7,2042)	1:35:A:LEU:HD21	1:38:A:GLU:H	12	0.16
(7,2042)	1:35:A:LEU:HD22	1:38:A:GLU:H	12	0.16
(7,2042)	1:35:A:LEU:HD23	1:38:A:GLU:H	12	0.16
(7,1995)	1:23:A:LEU:HD11	1:24:A:ASP:H	15	0.16
(7,1995)	1:23:A:LEU:HD12	1:24:A:ASP:H	15	0.16
(7,1995)	1:23:A:LEU:HD13	1:24:A:ASP:H	15	0.16
(7,1995)	1:23:A:LEU:HD21	1:24:A:ASP:H	15	0.16
(7,1995)	1:23:A:LEU:HD22	1:24:A:ASP:H	15	0.16
(7,1995)	1:23:A:LEU:HD23	1:24:A:ASP:H	15	0.16
(7,1941)	1:14:A:VAL:HG11	1:18:A:PHE:HD1	19	0.16
(7,1941)	1:14:A:VAL:HG11	1:18:A:PHE:HD2	19	0.16
(7,1941)	1:14:A:VAL:HG12	1:18:A:PHE:HD1	19	0.16
(7,1941)	1:14:A:VAL:HG12	1:18:A:PHE:HD2	19	0.16
(7,1941)	1:14:A:VAL:HG13	1:18:A:PHE:HD1	19	0.16
(7,1941)	1:14:A:VAL:HG13	1:18:A:PHE:HD2	19	0.16
(7,1941)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	19	0.16
(7,1941)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	19	0.16
(7,1941)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	19	0.16
(7,1941)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	19	0.16
(7,1941)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	19	0.16
(7,1941)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	19	0.16
(7,1930)	1:13:A:ALA:H	1:40:A:LEU:HD11	3	0.16
(7,1930)	1:13:A:ALA:H	1:40:A:LEU:HD12	3	0.16
(7,1930)	1:13:A:ALA:H	1:40:A:LEU:HD13	3	0.16
(7,1930)	1:13:A:ALA:H	1:40:A:LEU:HD21	3	0.16
(7,1930)	1:13:A:ALA:H	1:40:A:LEU:HD22	3	0.16
(7,1930)	1:13:A:ALA:H	1:40:A:LEU:HD23	3	0.16
(7,1927)	1:12:A:VAL:HA	1:40:A:LEU:HD11	19	0.16
(7,1927)	1:12:A:VAL:HA	1:40:A:LEU:HD12	19	0.16
(7,1927)	1:12:A:VAL:HA	1:40:A:LEU:HD13	19	0.16
(7,1927)	1:12:A:VAL:HA	1:40:A:LEU:HD21	19	0.16
(7,1927)	1:12:A:VAL:HA	1:40:A:LEU:HD22	19	0.16
(7,1927)	1:12:A:VAL:HA	1:40:A:LEU:HD23	19	0.16
(7,1877)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	19	0.16
(7,1848)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	16	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1848)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	16	0.16
(7,1846)	1:71:A:LYS:HA	1:72:A:PHE:HD1	6	0.16
(7,1846)	1:71:A:LYS:HA	1:72:A:PHE:HD2	6	0.16
(7,1836)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	8	0.16
(7,1836)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	8	0.16
(7,1716)	1:36:A:PRO:HA	1:37:A:LEU:HG	4	0.16
(7,1716)	1:36:A:PRO:HA	1:37:A:LEU:HG	14	0.16
(7,1686)	1:19:A:ALA:HB1	1:20:A:THR:HG21	19	0.16
(7,1686)	1:19:A:ALA:HB1	1:20:A:THR:HG22	19	0.16
(7,1686)	1:19:A:ALA:HB1	1:20:A:THR:HG23	19	0.16
(7,1686)	1:19:A:ALA:HB2	1:20:A:THR:HG21	19	0.16
(7,1686)	1:19:A:ALA:HB2	1:20:A:THR:HG22	19	0.16
(7,1686)	1:19:A:ALA:HB2	1:20:A:THR:HG23	19	0.16
(7,1686)	1:19:A:ALA:HB3	1:20:A:THR:HG21	19	0.16
(7,1686)	1:19:A:ALA:HB3	1:20:A:THR:HG22	19	0.16
(7,1686)	1:19:A:ALA:HB3	1:20:A:THR:HG23	19	0.16
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG21	16	0.16
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG22	16	0.16
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG23	16	0.16
(7,1577)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	4	0.16
(7,1577)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	4	0.16
(7,1577)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	4	0.16
(7,1530)	1:39:A:VAL:H	1:139:A:LEU:HD11	12	0.16
(7,1530)	1:39:A:VAL:H	1:139:A:LEU:HD12	12	0.16
(7,1530)	1:39:A:VAL:H	1:139:A:LEU:HD13	12	0.16
(7,1502)	1:69:A:MET:HE1	1:113:A:PHE:HD1	4	0.16
(7,1502)	1:69:A:MET:HE1	1:113:A:PHE:HD2	4	0.16
(7,1502)	1:69:A:MET:HE2	1:113:A:PHE:HD1	4	0.16
(7,1502)	1:69:A:MET:HE2	1:113:A:PHE:HD2	4	0.16
(7,1502)	1:69:A:MET:HE3	1:113:A:PHE:HD1	4	0.16
(7,1502)	1:69:A:MET:HE3	1:113:A:PHE:HD2	4	0.16
(7,1495)	1:11:A:ILE:HG21	1:43:A:MET:HE1	16	0.16
(7,1495)	1:11:A:ILE:HG21	1:43:A:MET:HE2	16	0.16
(7,1495)	1:11:A:ILE:HG21	1:43:A:MET:HE3	16	0.16
(7,1495)	1:11:A:ILE:HG22	1:43:A:MET:HE1	16	0.16
(7,1495)	1:11:A:ILE:HG22	1:43:A:MET:HE2	16	0.16
(7,1495)	1:11:A:ILE:HG22	1:43:A:MET:HE3	16	0.16
(7,1495)	1:11:A:ILE:HG23	1:43:A:MET:HE1	16	0.16
(7,1495)	1:11:A:ILE:HG23	1:43:A:MET:HE2	16	0.16
(7,1495)	1:11:A:ILE:HG23	1:43:A:MET:HE3	16	0.16
(7,1482)	1:15:A:ALA:H	1:43:A:MET:HE1	18	0.16
(7,1482)	1:15:A:ALA:H	1:43:A:MET:HE2	18	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1482)	1:15:A:ALA:H	1:43:A:MET:HE3	18	0.16
(7,1479)	1:114:A:ILE:HG21	1:117:A:VAL:HB	1	0.16
(7,1479)	1:114:A:ILE:HG22	1:117:A:VAL:HB	1	0.16
(7,1479)	1:114:A:ILE:HG23	1:117:A:VAL:HB	1	0.16
(7,1458)	1:101:A:ILE:HG21	1:102:A:PRO:HA	6	0.16
(7,1458)	1:101:A:ILE:HG22	1:102:A:PRO:HA	6	0.16
(7,1458)	1:101:A:ILE:HG23	1:102:A:PRO:HA	6	0.16
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG21	16	0.16
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG22	16	0.16
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG23	16	0.16
(7,1345)	1:119:A:LEU:HB2	1:121:A:VAL:HG11	12	0.16
(7,1345)	1:119:A:LEU:HB2	1:121:A:VAL:HG12	12	0.16
(7,1345)	1:119:A:LEU:HB2	1:121:A:VAL:HG13	12	0.16
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG11	7	0.16
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG12	7	0.16
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG13	7	0.16
(7,1338)	1:121:A:VAL:H	1:121:A:VAL:HG11	12	0.16
(7,1338)	1:121:A:VAL:H	1:121:A:VAL:HG12	12	0.16
(7,1338)	1:121:A:VAL:H	1:121:A:VAL:HG13	12	0.16
(7,1289)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	2	0.16
(7,1289)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	2	0.16
(7,1289)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	2	0.16
(7,1148)	1:140:A:LEU:H	1:140:A:LEU:HD21	4	0.16
(7,1148)	1:140:A:LEU:H	1:140:A:LEU:HD22	4	0.16
(7,1148)	1:140:A:LEU:H	1:140:A:LEU:HD23	4	0.16
(7,1092)	1:41:A:LYS:HA	1:44:A:GLU:HB2	13	0.16
(7,1092)	1:41:A:LYS:HA	1:44:A:GLU:HB3	13	0.16
(7,954)	1:11:A:ILE:HG12	1:14:A:VAL:HB	2	0.16
(7,954)	1:11:A:ILE:HG12	1:14:A:VAL:HB	16	0.16
(7,916)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	15	0.16
(7,916)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	15	0.16
(7,915)	1:81:A:GLU:HA	1:81:A:GLU:HG2	1	0.16
(7,915)	1:81:A:GLU:HA	1:81:A:GLU:HG3	1	0.16
(7,915)	1:81:A:GLU:HA	1:81:A:GLU:HG2	5	0.16
(7,915)	1:81:A:GLU:HA	1:81:A:GLU:HG3	5	0.16
(7,915)	1:81:A:GLU:HA	1:81:A:GLU:HG2	7	0.16
(7,915)	1:81:A:GLU:HA	1:81:A:GLU:HG3	7	0.16
(7,915)	1:81:A:GLU:HA	1:81:A:GLU:HG2	10	0.16
(7,915)	1:81:A:GLU:HA	1:81:A:GLU:HG3	10	0.16
(7,915)	1:81:A:GLU:HA	1:81:A:GLU:HG2	11	0.16
(7,915)	1:81:A:GLU:HA	1:81:A:GLU:HG3	11	0.16
(7,900)	1:44:A:GLU:H	1:44:A:GLU:HG2	9	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,856)	1:57:A:LEU:HA	1:60:A:LEU:HB3	9	0.16
(7,838)	1:49:A:LYS:HA	1:49:A:LYS:HE2	13	0.16
(7,838)	1:49:A:LYS:HA	1:49:A:LYS:HE3	13	0.16
(7,837)	1:68:A:LYS:HA	1:68:A:LYS:HE2	15	0.16
(7,837)	1:68:A:LYS:HA	1:68:A:LYS:HE3	15	0.16
(7,804)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	19	0.16
(7,804)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	19	0.16
(7,804)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	19	0.16
(7,804)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	19	0.16
(7,804)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	19	0.16
(7,804)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	19	0.16
(7,803)	1:64:A:LYS:H	1:98:A:ILE:HD11	16	0.16
(7,803)	1:64:A:LYS:H	1:98:A:ILE:HD12	16	0.16
(7,803)	1:64:A:LYS:H	1:98:A:ILE:HD13	16	0.16
(7,798)	1:95:A:ILE:HA	1:95:A:ILE:HD11	4	0.16
(7,798)	1:95:A:ILE:HA	1:95:A:ILE:HD12	4	0.16
(7,798)	1:95:A:ILE:HA	1:95:A:ILE:HD13	4	0.16
(7,790)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	17	0.16
(7,790)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	17	0.16
(7,790)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	17	0.16
(7,790)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	17	0.16
(7,790)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	17	0.16
(7,790)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	17	0.16
(7,783)	1:63:A:ILE:HD11	1:117:A:VAL:HB	13	0.16
(7,783)	1:63:A:ILE:HD12	1:117:A:VAL:HB	13	0.16
(7,783)	1:63:A:ILE:HD13	1:117:A:VAL:HB	13	0.16
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD11	2	0.16
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD12	2	0.16
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD13	2	0.16
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD11	7	0.16
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD12	7	0.16
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD13	7	0.16
(7,765)	1:101:A:ILE:HD11	1:115:A:ALA:H	19	0.16
(7,765)	1:101:A:ILE:HD12	1:115:A:ALA:H	19	0.16
(7,765)	1:101:A:ILE:HD13	1:115:A:ALA:H	19	0.16
(7,731)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	13	0.16
(7,712)	1:9:A:PHE:HD1	1:54:A:ARG:HE	14	0.16
(7,712)	1:9:A:PHE:HD2	1:54:A:ARG:HE	14	0.16
(7,694)	1:10:A:ASN:HD22	1:14:A:VAL:HB	1	0.16
(7,694)	1:10:A:ASN:HD22	1:14:A:VAL:HB	6	0.16
(7,693)	1:98:A:ILE:H	1:104:A:PHE:H	19	0.16
(7,681)	1:144:A:LEU:H	1:145:A:PRO:HB3	14	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,642)	1:66:A:THR:H	1:69:A:MET:HA	7	0.16
(7,627)	1:14:A:VAL:HB	1:15:A:ALA:H	14	0.16
(7,617)	1:23:A:LEU:HD21	1:25:A:ALA:H	3	0.16
(7,617)	1:23:A:LEU:HD22	1:25:A:ALA:H	3	0.16
(7,617)	1:23:A:LEU:HD23	1:25:A:ALA:H	3	0.16
(7,593)	1:28:A:GLY:H	1:29:A:LYS:HG2	10	0.16
(7,593)	1:28:A:GLY:H	1:29:A:LYS:HG3	10	0.16
(7,584)	1:126:A:GLY:H	1:128:A:LEU:HB2	1	0.16
(7,584)	1:126:A:GLY:H	1:128:A:LEU:HB2	10	0.16
(7,507)	1:97:A:ASP:HA	1:105:A:LYS:H	16	0.16
(7,489)	1:79:A:THR:H	1:79:A:THR:HG21	7	0.16
(7,489)	1:79:A:THR:H	1:79:A:THR:HG22	7	0.16
(7,489)	1:79:A:THR:H	1:79:A:THR:HG23	7	0.16
(7,373)	1:40:A:LEU:HB2	1:41:A:LYS:H	9	0.16
(7,368)	1:132:A:ALA:H	1:133:A:ASN:HD22	17	0.16
(7,351)	1:104:A:PHE:H	1:106:A:ASP:H	17	0.16
(7,331)	1:122:A:ASP:H	1:123:A:CYS:HA	19	0.16
(7,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	3	0.16
(7,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	3	0.16
(7,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	3	0.16
(7,69)	1:44:A:GLU:HG2	1:45:A:ALA:H	7	0.16
(7,68)	1:44:A:GLU:HB2	1:45:A:ALA:H	8	0.16
(7,68)	1:44:A:GLU:HB3	1:45:A:ALA:H	8	0.16
(7,66)	1:79:A:THR:HG21	1:81:A:GLU:H	18	0.16
(7,66)	1:79:A:THR:HG22	1:81:A:GLU:H	18	0.16
(7,66)	1:79:A:THR:HG23	1:81:A:GLU:H	18	0.16
(7,53)	1:11:A:ILE:HD11	1:47:A:ALA:H	4	0.16
(7,53)	1:11:A:ILE:HD12	1:47:A:ALA:H	4	0.16
(7,53)	1:11:A:ILE:HD13	1:47:A:ALA:H	4	0.16
(6,2400)	1:126:A:GLY:H	1:128:A:LEU:HD11	5	0.16
(6,2400)	1:126:A:GLY:H	1:128:A:LEU:HD12	5	0.16
(6,2400)	1:126:A:GLY:H	1:128:A:LEU:HD13	5	0.16
(6,2400)	1:126:A:GLY:H	1:128:A:LEU:HD21	5	0.16
(6,2400)	1:126:A:GLY:H	1:128:A:LEU:HD22	5	0.16
(6,2400)	1:126:A:GLY:H	1:128:A:LEU:HD23	5	0.16
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD11	8	0.16
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD12	8	0.16
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD13	8	0.16
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD21	8	0.16
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD22	8	0.16
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD23	8	0.16
(6,2383)	1:119:A:LEU:HD11	1:121:A:VAL:H	19	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2383)	1:119:A:LEU:HD12	1:121:A:VAL:H	19	0.16
(6,2383)	1:119:A:LEU:HD13	1:121:A:VAL:H	19	0.16
(6,2383)	1:119:A:LEU:HD21	1:121:A:VAL:H	19	0.16
(6,2383)	1:119:A:LEU:HD22	1:121:A:VAL:H	19	0.16
(6,2383)	1:119:A:LEU:HD23	1:121:A:VAL:H	19	0.16
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG2	7	0.16
(6,2349)	1:111:A:GLU:H	1:111:A:GLU:HG3	7	0.16
(6,2333)	1:107:A:LEU:HD11	1:112:A:GLN:H	1	0.16
(6,2333)	1:107:A:LEU:HD12	1:112:A:GLN:H	1	0.16
(6,2333)	1:107:A:LEU:HD13	1:112:A:GLN:H	1	0.16
(6,2333)	1:107:A:LEU:HD21	1:112:A:GLN:H	1	0.16
(6,2333)	1:107:A:LEU:HD22	1:112:A:GLN:H	1	0.16
(6,2333)	1:107:A:LEU:HD23	1:112:A:GLN:H	1	0.16
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD11	17	0.16
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD12	17	0.16
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD13	17	0.16
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD21	17	0.16
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD22	17	0.16
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD23	17	0.16
(6,2322)	1:105:A:LYS:HG2	1:112:A:GLN:HE21	7	0.16
(6,2322)	1:105:A:LYS:HG3	1:112:A:GLN:HE21	7	0.16
(6,2321)	1:105:A:LYS:HG2	1:106:A:ASP:HA	9	0.16
(6,2321)	1:105:A:LYS:HG3	1:106:A:ASP:HA	9	0.16
(6,2321)	1:105:A:LYS:HG2	1:106:A:ASP:HA	11	0.16
(6,2321)	1:105:A:LYS:HG3	1:106:A:ASP:HA	11	0.16
(6,2293)	1:97:A:ASP:HA	1:105:A:LYS:HG2	1	0.16
(6,2293)	1:97:A:ASP:HA	1:105:A:LYS:HG3	1	0.16
(6,2289)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	16	0.16
(6,2289)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	16	0.16
(6,2289)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	16	0.16
(6,2289)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	16	0.16
(6,2289)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	16	0.16
(6,2289)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	16	0.16
(6,2280)	1:80:A:TYR:HD1	1:81:A:GLU:HB2	14	0.16
(6,2280)	1:80:A:TYR:HD1	1:81:A:GLU:HB3	14	0.16
(6,2280)	1:80:A:TYR:HD2	1:81:A:GLU:HB2	14	0.16
(6,2280)	1:80:A:TYR:HD2	1:81:A:GLU:HB3	14	0.16
(6,2254)	1:70:A:LYS:H	1:70:A:LYS:HD2	19	0.16
(6,2254)	1:70:A:LYS:H	1:70:A:LYS:HD3	19	0.16
(6,2234)	1:65:A:CYS:HB2	1:69:A:MET:HE1	12	0.16
(6,2234)	1:65:A:CYS:HB2	1:69:A:MET:HE2	12	0.16
(6,2234)	1:65:A:CYS:HB2	1:69:A:MET:HE3	12	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2234)	1:65:A:CYS:HB3	1:69:A:MET:HE1	12	0.16
(6,2234)	1:65:A:CYS:HB3	1:69:A:MET:HE2	12	0.16
(6,2234)	1:65:A:CYS:HB3	1:69:A:MET:HE3	12	0.16
(6,2208)	1:60:A:LEU:HB3	1:120:A:CYS:HB2	11	0.16
(6,2208)	1:60:A:LEU:HB3	1:120:A:CYS:HB3	11	0.16
(6,2142)	1:43:A:MET:HB2	1:43:A:MET:HE1	18	0.16
(6,2142)	1:43:A:MET:HB2	1:43:A:MET:HE2	18	0.16
(6,2142)	1:43:A:MET:HB2	1:43:A:MET:HE3	18	0.16
(6,2142)	1:43:A:MET:HB3	1:43:A:MET:HE1	18	0.16
(6,2142)	1:43:A:MET:HB3	1:43:A:MET:HE2	18	0.16
(6,2142)	1:43:A:MET:HB3	1:43:A:MET:HE3	18	0.16
(6,2107)	1:39:A:VAL:HG11	1:41:A:LYS:H	16	0.16
(6,2107)	1:39:A:VAL:HG12	1:41:A:LYS:H	16	0.16
(6,2107)	1:39:A:VAL:HG13	1:41:A:LYS:H	16	0.16
(6,2107)	1:39:A:VAL:HG21	1:41:A:LYS:H	16	0.16
(6,2107)	1:39:A:VAL:HG22	1:41:A:LYS:H	16	0.16
(6,2107)	1:39:A:VAL:HG23	1:41:A:LYS:H	16	0.16
(6,2068)	1:35:A:LEU:HA	1:39:A:VAL:HG11	3	0.16
(6,2068)	1:35:A:LEU:HA	1:39:A:VAL:HG12	3	0.16
(6,2068)	1:35:A:LEU:HA	1:39:A:VAL:HG13	3	0.16
(6,2068)	1:35:A:LEU:HA	1:39:A:VAL:HG21	3	0.16
(6,2068)	1:35:A:LEU:HA	1:39:A:VAL:HG22	3	0.16
(6,2068)	1:35:A:LEU:HA	1:39:A:VAL:HG23	3	0.16
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD11	1	0.16
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD12	1	0.16
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD13	1	0.16
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD21	1	0.16
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD22	1	0.16
(6,2042)	1:22:A:ASP:HA	1:23:A:LEU:HD23	1	0.16
(6,1908)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	3	0.16
(6,1908)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	3	0.16
(6,1908)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	3	0.16
(6,1908)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	3	0.16
(6,1906)	1:18:A:PHE:HE1	1:60:A:LEU:HB2	17	0.16
(6,1906)	1:18:A:PHE:HE2	1:60:A:LEU:HB2	17	0.16
(6,1887)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	16	0.16
(6,1887)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	16	0.16
(6,1883)	1:71:A:LYS:HA	1:72:A:PHE:HD1	6	0.16
(6,1883)	1:71:A:LYS:HA	1:72:A:PHE:HD2	6	0.16
(6,1874)	1:76:A:ARG:HG2	1:113:A:PHE:HE1	10	0.16
(6,1874)	1:76:A:ARG:HG2	1:113:A:PHE:HE2	10	0.16
(6,1874)	1:76:A:ARG:HG3	1:113:A:PHE:HE1	10	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1874)	1:76:A:ARG:HG3	1:113:A:PHE:HE2	10	0.16
(6,1870)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	8	0.16
(6,1870)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	8	0.16
(6,1869)	1:113:A:PHE:HE1	1:114:A:ILE:HA	3	0.16
(6,1869)	1:113:A:PHE:HE2	1:114:A:ILE:HA	3	0.16
(6,1852)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	18	0.16
(6,1852)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	18	0.16
(6,1852)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	18	0.16
(6,1852)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	18	0.16
(6,1852)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	18	0.16
(6,1852)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	18	0.16
(6,1834)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	9	0.16
(6,1821)	1:113:A:PHE:HD1	1:114:A:ILE:HD11	6	0.16
(6,1821)	1:113:A:PHE:HD1	1:114:A:ILE:HD12	6	0.16
(6,1821)	1:113:A:PHE:HD1	1:114:A:ILE:HD13	6	0.16
(6,1821)	1:113:A:PHE:HD2	1:114:A:ILE:HD11	6	0.16
(6,1821)	1:113:A:PHE:HD2	1:114:A:ILE:HD12	6	0.16
(6,1821)	1:113:A:PHE:HD2	1:114:A:ILE:HD13	6	0.16
(6,1771)	1:97:A:ASP:HA	1:105:A:LYS:HA	12	0.16
(6,1756)	1:36:A:PRO:HA	1:37:A:LEU:HG	4	0.16
(6,1756)	1:36:A:PRO:HA	1:37:A:LEU:HG	14	0.16
(6,1741)	1:18:A:PHE:HB2	1:132:A:ALA:HA	18	0.16
(6,1741)	1:18:A:PHE:HB3	1:132:A:ALA:HA	18	0.16
(6,1727)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	9	0.16
(6,1727)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	9	0.16
(6,1727)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	9	0.16
(6,1727)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	13	0.16
(6,1727)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	13	0.16
(6,1727)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	13	0.16
(6,1696)	1:43:A:MET:HE1	1:135:A:GLN:H	14	0.16
(6,1696)	1:43:A:MET:HE2	1:135:A:GLN:H	14	0.16
(6,1696)	1:43:A:MET:HE3	1:135:A:GLN:H	14	0.16
(6,1656)	1:134:A:VAL:HG21	1:137:A:SER:H	18	0.16
(6,1656)	1:134:A:VAL:HG22	1:137:A:SER:H	18	0.16
(6,1656)	1:134:A:VAL:HG23	1:137:A:SER:H	18	0.16
(6,1609)	1:73:A:ILE:HG21	1:76:A:ARG:HE	18	0.16
(6,1609)	1:73:A:ILE:HG22	1:76:A:ARG:HE	18	0.16
(6,1609)	1:73:A:ILE:HG23	1:76:A:ARG:HE	18	0.16
(6,1577)	1:63:A:ILE:HD11	1:113:A:PHE:HA	12	0.16
(6,1577)	1:63:A:ILE:HD12	1:113:A:PHE:HA	12	0.16
(6,1577)	1:63:A:ILE:HD13	1:113:A:PHE:HA	12	0.16
(6,1555)	1:139:A:LEU:HD11	1:142:A:LYS:HE2	18	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1555)	1:139:A:LEU:HD11	1:142:A:LYS:HE3	18	0.16
(6,1555)	1:139:A:LEU:HD12	1:142:A:LYS:HE2	18	0.16
(6,1555)	1:139:A:LEU:HD12	1:142:A:LYS:HE3	18	0.16
(6,1555)	1:139:A:LEU:HD13	1:142:A:LYS:HE2	18	0.16
(6,1555)	1:139:A:LEU:HD13	1:142:A:LYS:HE3	18	0.16
(6,1547)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	1	0.16
(6,1547)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	1	0.16
(6,1547)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	1	0.16
(6,1517)	1:69:A:MET:HE1	1:113:A:PHE:HD1	4	0.16
(6,1517)	1:69:A:MET:HE1	1:113:A:PHE:HD2	4	0.16
(6,1517)	1:69:A:MET:HE2	1:113:A:PHE:HD1	4	0.16
(6,1517)	1:69:A:MET:HE2	1:113:A:PHE:HD2	4	0.16
(6,1517)	1:69:A:MET:HE3	1:113:A:PHE:HD1	4	0.16
(6,1517)	1:69:A:MET:HE3	1:113:A:PHE:HD2	4	0.16
(6,1516)	1:110:A:MET:HE1	1:113:A:PHE:HE1	11	0.16
(6,1516)	1:110:A:MET:HE1	1:113:A:PHE:HE2	11	0.16
(6,1516)	1:110:A:MET:HE2	1:113:A:PHE:HE1	11	0.16
(6,1516)	1:110:A:MET:HE2	1:113:A:PHE:HE2	11	0.16
(6,1516)	1:110:A:MET:HE3	1:113:A:PHE:HE1	11	0.16
(6,1516)	1:110:A:MET:HE3	1:113:A:PHE:HE2	11	0.16
(6,1513)	1:69:A:MET:HE1	1:115:A:ALA:H	6	0.16
(6,1513)	1:69:A:MET:HE2	1:115:A:ALA:H	6	0.16
(6,1513)	1:69:A:MET:HE3	1:115:A:ALA:H	6	0.16
(6,1510)	1:11:A:ILE:HG21	1:43:A:MET:HE1	16	0.16
(6,1510)	1:11:A:ILE:HG21	1:43:A:MET:HE2	16	0.16
(6,1510)	1:11:A:ILE:HG21	1:43:A:MET:HE3	16	0.16
(6,1510)	1:11:A:ILE:HG22	1:43:A:MET:HE1	16	0.16
(6,1510)	1:11:A:ILE:HG22	1:43:A:MET:HE2	16	0.16
(6,1510)	1:11:A:ILE:HG22	1:43:A:MET:HE3	16	0.16
(6,1510)	1:11:A:ILE:HG23	1:43:A:MET:HE1	16	0.16
(6,1510)	1:11:A:ILE:HG23	1:43:A:MET:HE2	16	0.16
(6,1510)	1:11:A:ILE:HG23	1:43:A:MET:HE3	16	0.16
(6,1504)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	6	0.16
(6,1504)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	6	0.16
(6,1504)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	6	0.16
(6,1497)	1:15:A:ALA:H	1:43:A:MET:HE1	18	0.16
(6,1497)	1:15:A:ALA:H	1:43:A:MET:HE2	18	0.16
(6,1497)	1:15:A:ALA:H	1:43:A:MET:HE3	18	0.16
(6,1468)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	2	0.16
(6,1468)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	2	0.16
(6,1468)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	2	0.16
(6,1468)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	2	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1468)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	2	0.16
(6,1468)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	2	0.16
(6,1418)	1:149:A:ALA:HB1	1:150:A:THR:HG21	2	0.16
(6,1418)	1:149:A:ALA:HB1	1:150:A:THR:HG22	2	0.16
(6,1418)	1:149:A:ALA:HB1	1:150:A:THR:HG23	2	0.16
(6,1418)	1:149:A:ALA:HB2	1:150:A:THR:HG21	2	0.16
(6,1418)	1:149:A:ALA:HB2	1:150:A:THR:HG22	2	0.16
(6,1418)	1:149:A:ALA:HB2	1:150:A:THR:HG23	2	0.16
(6,1418)	1:149:A:ALA:HB3	1:150:A:THR:HG21	2	0.16
(6,1418)	1:149:A:ALA:HB3	1:150:A:THR:HG22	2	0.16
(6,1418)	1:149:A:ALA:HB3	1:150:A:THR:HG23	2	0.16
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	13	0.16
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	13	0.16
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	13	0.16
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	13	0.16
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	13	0.16
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	13	0.16
(6,1391)	1:9:A:PHE:HE1	1:11:A:ILE:HG21	2	0.16
(6,1391)	1:9:A:PHE:HE1	1:11:A:ILE:HG22	2	0.16
(6,1391)	1:9:A:PHE:HE1	1:11:A:ILE:HG23	2	0.16
(6,1391)	1:9:A:PHE:HE2	1:11:A:ILE:HG21	2	0.16
(6,1391)	1:9:A:PHE:HE2	1:11:A:ILE:HG22	2	0.16
(6,1391)	1:9:A:PHE:HE2	1:11:A:ILE:HG23	2	0.16
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG11	7	0.16
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG12	7	0.16
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG13	7	0.16
(6,1355)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	13	0.16
(6,1355)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	13	0.16
(6,1355)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	13	0.16
(6,1353)	1:121:A:VAL:H	1:121:A:VAL:HG11	12	0.16
(6,1353)	1:121:A:VAL:H	1:121:A:VAL:HG12	12	0.16
(6,1353)	1:121:A:VAL:H	1:121:A:VAL:HG13	12	0.16
(6,1348)	1:73:A:ILE:HB	1:76:A:ARG:HA	9	0.16
(6,1348)	1:73:A:ILE:HB	1:76:A:ARG:HA	10	0.16
(6,1332)	1:131:A:LEU:H	1:131:A:LEU:HD21	4	0.16
(6,1332)	1:131:A:LEU:H	1:131:A:LEU:HD22	4	0.16
(6,1332)	1:131:A:LEU:H	1:131:A:LEU:HD23	4	0.16
(6,1076)	1:68:A:LYS:HA	1:72:A:PHE:HD1	3	0.16
(6,1076)	1:68:A:LYS:HA	1:72:A:PHE:HD2	3	0.16
(6,1069)	1:108:A:GLU:HB2	1:109:A:PRO:HD3	1	0.16
(6,1021)	1:11:A:ILE:HB	1:44:A:GLU:HB2	17	0.16
(6,1021)	1:11:A:ILE:HB	1:44:A:GLU:HB3	17	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,978)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	1	0.16
(6,978)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	10	0.16
(6,839)	1:49:A:LYS:HA	1:49:A:LYS:HE2	13	0.16
(6,839)	1:49:A:LYS:HA	1:49:A:LYS:HE3	13	0.16
(6,808)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	19	0.16
(6,808)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	19	0.16
(6,808)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	19	0.16
(6,808)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	19	0.16
(6,808)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	19	0.16
(6,808)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	19	0.16
(6,798)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	10	0.16
(6,798)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	10	0.16
(6,798)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	10	0.16
(6,798)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	10	0.16
(6,798)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	10	0.16
(6,798)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	10	0.16
(6,731)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	13	0.16
(6,726)	1:45:A:ALA:H	1:46:A:ASN:HD21	11	0.16
(6,710)	1:48:A:ARG:HE	1:49:A:LYS:H	15	0.16
(6,681)	1:144:A:LEU:H	1:145:A:PRO:HB3	14	0.16
(6,637)	1:66:A:THR:H	1:69:A:MET:HA	7	0.16
(6,624)	1:14:A:VAL:HB	1:15:A:ALA:H	14	0.16
(6,611)	1:23:A:LEU:HD21	1:25:A:ALA:H	3	0.16
(6,611)	1:23:A:LEU:HD22	1:25:A:ALA:H	3	0.16
(6,611)	1:23:A:LEU:HD23	1:25:A:ALA:H	3	0.16
(6,503)	1:97:A:ASP:HA	1:105:A:LYS:H	16	0.16
(6,434)	1:143:A:TRP:H	1:144:A:LEU:HD21	5	0.16
(6,434)	1:143:A:TRP:H	1:144:A:LEU:HD22	5	0.16
(6,434)	1:143:A:TRP:H	1:144:A:LEU:HD23	5	0.16
(6,349)	1:104:A:PHE:H	1:106:A:ASP:H	17	0.16
(6,286)	1:121:A:VAL:H	1:123:A:CYS:H	2	0.16
(6,280)	1:50:A:ALA:H	1:52:A:CYS:H	11	0.16
(6,229)	1:10:A:ASN:H	1:10:A:ASN:HB2	5	0.16
(6,111)	1:21:A:THR:HB	1:22:A:ASP:H	10	0.16
(6,107)	1:69:A:MET:H	1:70:A:LYS:HG3	7	0.16
(6,69)	1:79:A:THR:HG21	1:81:A:GLU:H	18	0.16
(6,69)	1:79:A:THR:HG22	1:81:A:GLU:H	18	0.16
(6,69)	1:79:A:THR:HG23	1:81:A:GLU:H	18	0.16
(6,54)	1:11:A:ILE:HD11	1:47:A:ALA:H	4	0.16
(6,54)	1:11:A:ILE:HD12	1:47:A:ALA:H	4	0.16
(6,54)	1:11:A:ILE:HD13	1:47:A:ALA:H	4	0.16
(6,43)	1:44:A:GLU:HG3	1:47:A:ALA:H	3	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2479)	1:146:A:GLN:HG2	1:148:A:CYS:H	7	0.16
(5,2479)	1:146:A:GLN:HG3	1:148:A:CYS:H	7	0.16
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD11	14	0.16
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD12	14	0.16
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD13	14	0.16
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD21	14	0.16
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD22	14	0.16
(5,2424)	1:136:A:CYS:HB2	1:140:A:LEU:HD23	14	0.16
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD11	14	0.16
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD12	14	0.16
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD13	14	0.16
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD21	14	0.16
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD22	14	0.16
(5,2424)	1:136:A:CYS:HB3	1:140:A:LEU:HD23	14	0.16
(5,2391)	1:126:A:GLY:H	1:128:A:LEU:HD11	5	0.16
(5,2391)	1:126:A:GLY:H	1:128:A:LEU:HD12	5	0.16
(5,2391)	1:126:A:GLY:H	1:128:A:LEU:HD13	5	0.16
(5,2391)	1:126:A:GLY:H	1:128:A:LEU:HD21	5	0.16
(5,2391)	1:126:A:GLY:H	1:128:A:LEU:HD22	5	0.16
(5,2391)	1:126:A:GLY:H	1:128:A:LEU:HD23	5	0.16
(5,2331)	1:107:A:LEU:HD11	1:112:A:GLN:HA	18	0.16
(5,2331)	1:107:A:LEU:HD12	1:112:A:GLN:HA	18	0.16
(5,2331)	1:107:A:LEU:HD13	1:112:A:GLN:HA	18	0.16
(5,2331)	1:107:A:LEU:HD21	1:112:A:GLN:HA	18	0.16
(5,2331)	1:107:A:LEU:HD22	1:112:A:GLN:HA	18	0.16
(5,2331)	1:107:A:LEU:HD23	1:112:A:GLN:HA	18	0.16
(5,2277)	1:79:A:THR:HG21	1:81:A:GLU:HB2	14	0.16
(5,2277)	1:79:A:THR:HG21	1:81:A:GLU:HB3	14	0.16
(5,2277)	1:79:A:THR:HG22	1:81:A:GLU:HB2	14	0.16
(5,2277)	1:79:A:THR:HG22	1:81:A:GLU:HB3	14	0.16
(5,2277)	1:79:A:THR:HG23	1:81:A:GLU:HB2	14	0.16
(5,2277)	1:79:A:THR:HG23	1:81:A:GLU:HB3	14	0.16
(5,2204)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	16	0.16
(5,2204)	1:60:A:LEU:HD11	1:122:A:ASP:HB3	16	0.16
(5,2204)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	16	0.16
(5,2204)	1:60:A:LEU:HD12	1:122:A:ASP:HB3	16	0.16
(5,2204)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	16	0.16
(5,2204)	1:60:A:LEU:HD13	1:122:A:ASP:HB3	16	0.16
(5,2204)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	16	0.16
(5,2204)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	16	0.16
(5,2204)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	16	0.16
(5,2204)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	16	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2204)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	16	0.16
(5,2204)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	16	0.16
(5,2196)	1:59:A:CYS:H	1:60:A:LEU:HD11	5	0.16
(5,2196)	1:59:A:CYS:H	1:60:A:LEU:HD12	5	0.16
(5,2196)	1:59:A:CYS:H	1:60:A:LEU:HD13	5	0.16
(5,2196)	1:59:A:CYS:H	1:60:A:LEU:HD21	5	0.16
(5,2196)	1:59:A:CYS:H	1:60:A:LEU:HD22	5	0.16
(5,2196)	1:59:A:CYS:H	1:60:A:LEU:HD23	5	0.16
(5,2189)	1:57:A:LEU:HG	1:60:A:LEU:HD11	13	0.16
(5,2189)	1:57:A:LEU:HG	1:60:A:LEU:HD12	13	0.16
(5,2189)	1:57:A:LEU:HG	1:60:A:LEU:HD13	13	0.16
(5,2189)	1:57:A:LEU:HG	1:60:A:LEU:HD21	13	0.16
(5,2189)	1:57:A:LEU:HG	1:60:A:LEU:HD22	13	0.16
(5,2189)	1:57:A:LEU:HG	1:60:A:LEU:HD23	13	0.16
(5,2135)	1:43:A:MET:H	1:43:A:MET:HG2	3	0.16
(5,2135)	1:43:A:MET:H	1:43:A:MET:HG3	3	0.16
(5,2075)	1:37:A:LEU:H	1:40:A:LEU:HB2	19	0.16
(5,2075)	1:37:A:LEU:H	1:40:A:LEU:HB3	19	0.16
(5,2059)	1:35:A:LEU:HD11	1:38:A:GLU:H	12	0.16
(5,2059)	1:35:A:LEU:HD12	1:38:A:GLU:H	12	0.16
(5,2059)	1:35:A:LEU:HD13	1:38:A:GLU:H	12	0.16
(5,2059)	1:35:A:LEU:HD21	1:38:A:GLU:H	12	0.16
(5,2059)	1:35:A:LEU:HD22	1:38:A:GLU:H	12	0.16
(5,2059)	1:35:A:LEU:HD23	1:38:A:GLU:H	12	0.16
(5,2057)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	6	0.16
(5,2057)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	6	0.16
(5,2057)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	6	0.16
(5,2057)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	6	0.16
(5,2057)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	6	0.16
(5,2057)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	6	0.16
(5,2057)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	18	0.16
(5,2057)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	18	0.16
(5,2057)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	18	0.16
(5,2057)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	18	0.16
(5,2057)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	18	0.16
(5,2057)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	18	0.16
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	5	0.16
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	5	0.16
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	5	0.16
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	5	0.16
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	5	0.16
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	5	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	5	0.16
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	5	0.16
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	5	0.16
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	5	0.16
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	5	0.16
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	5	0.16
(5,2036)	1:28:A:GLY:HA2	1:30:A:LEU:HD11	13	0.16
(5,2036)	1:28:A:GLY:HA2	1:30:A:LEU:HD12	13	0.16
(5,2036)	1:28:A:GLY:HA2	1:30:A:LEU:HD13	13	0.16
(5,2036)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	13	0.16
(5,2036)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	13	0.16
(5,2036)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	13	0.16
(5,2036)	1:28:A:GLY:HA3	1:30:A:LEU:HD11	13	0.16
(5,2036)	1:28:A:GLY:HA3	1:30:A:LEU:HD12	13	0.16
(5,2036)	1:28:A:GLY:HA3	1:30:A:LEU:HD13	13	0.16
(5,2036)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	13	0.16
(5,2036)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	13	0.16
(5,2036)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	13	0.16
(5,2029)	1:23:A:LEU:HD11	1:27:A:ARG:HA	2	0.16
(5,2029)	1:23:A:LEU:HD12	1:27:A:ARG:HA	2	0.16
(5,2029)	1:23:A:LEU:HD13	1:27:A:ARG:HA	2	0.16
(5,2029)	1:23:A:LEU:HD21	1:27:A:ARG:HA	2	0.16
(5,2029)	1:23:A:LEU:HD22	1:27:A:ARG:HA	2	0.16
(5,2029)	1:23:A:LEU:HD23	1:27:A:ARG:HA	2	0.16
(5,1985)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	14	0.16
(5,1985)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	14	0.16
(5,1985)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	14	0.16
(5,1985)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	14	0.16
(5,1985)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	14	0.16
(5,1985)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	14	0.16
(5,1973)	1:12:A:VAL:HA	1:40:A:LEU:HD11	19	0.16
(5,1973)	1:12:A:VAL:HA	1:40:A:LEU:HD12	19	0.16
(5,1973)	1:12:A:VAL:HA	1:40:A:LEU:HD13	19	0.16
(5,1973)	1:12:A:VAL:HA	1:40:A:LEU:HD21	19	0.16
(5,1973)	1:12:A:VAL:HA	1:40:A:LEU:HD22	19	0.16
(5,1973)	1:12:A:VAL:HA	1:40:A:LEU:HD23	19	0.16
(5,1939)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	9	0.16
(5,1939)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	9	0.16
(5,1939)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	9	0.16
(5,1902)	1:71:A:LYS:HA	1:72:A:PHE:HD1	6	0.16
(5,1902)	1:71:A:LYS:HA	1:72:A:PHE:HD2	6	0.16
(5,1891)	1:113:A:PHE:HE1	1:114:A:ILE:HA	3	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1891)	1:113:A:PHE:HE2	1:114:A:ILE:HA	3	0.16
(5,1880)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	6	0.16
(5,1880)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	6	0.16
(5,1862)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	1	0.16
(5,1862)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	1	0.16
(5,1862)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	1	0.16
(5,1849)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	2	0.16
(5,1849)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	2	0.16
(5,1849)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	2	0.16
(5,1821)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	14	0.16
(5,1821)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	14	0.16
(5,1821)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	14	0.16
(5,1821)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	14	0.16
(5,1821)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	14	0.16
(5,1821)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	14	0.16
(5,1809)	1:13:A:ALA:H	1:80:A:TYR:HD1	3	0.16
(5,1809)	1:13:A:ALA:H	1:80:A:TYR:HD2	3	0.16
(5,1786)	1:141:A:LYS:HA	1:148:A:CYS:H	17	0.16
(5,1776)	1:36:A:PRO:HA	1:37:A:LEU:HG	4	0.16
(5,1776)	1:36:A:PRO:HA	1:37:A:LEU:HG	14	0.16
(5,1729)	1:141:A:LYS:HA	1:145:A:PRO:HD3	6	0.16
(5,1706)	1:69:A:MET:HA	1:109:A:PRO:HA	2	0.16
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	5	0.16
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	5	0.16
(5,1665)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	5	0.16
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	5	0.16
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	5	0.16
(5,1665)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	5	0.16
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	5	0.16
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	5	0.16
(5,1665)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	5	0.16
(5,1660)	1:134:A:VAL:HG21	1:137:A:SER:H	18	0.16
(5,1660)	1:134:A:VAL:HG22	1:137:A:SER:H	18	0.16
(5,1660)	1:134:A:VAL:HG23	1:137:A:SER:H	18	0.16
(5,1624)	1:73:A:ILE:HG21	1:76:A:ARG:HE	18	0.16
(5,1624)	1:73:A:ILE:HG22	1:76:A:ARG:HE	18	0.16
(5,1624)	1:73:A:ILE:HG23	1:76:A:ARG:HE	18	0.16
(5,1609)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	16	0.16
(5,1609)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	16	0.16
(5,1609)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	16	0.16
(5,1548)	1:69:A:MET:HE1	1:112:A:GLN:HG2	1	0.16
(5,1548)	1:69:A:MET:HE1	1:112:A:GLN:HG3	1	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1548)	1:69:A:MET:HE2	1:112:A:GLN:HG2	1	0.16
(5,1548)	1:69:A:MET:HE2	1:112:A:GLN:HG3	1	0.16
(5,1548)	1:69:A:MET:HE3	1:112:A:GLN:HG2	1	0.16
(5,1548)	1:69:A:MET:HE3	1:112:A:GLN:HG3	1	0.16
(5,1537)	1:69:A:MET:HE1	1:113:A:PHE:HD1	4	0.16
(5,1537)	1:69:A:MET:HE1	1:113:A:PHE:HD2	4	0.16
(5,1537)	1:69:A:MET:HE2	1:113:A:PHE:HD1	4	0.16
(5,1537)	1:69:A:MET:HE2	1:113:A:PHE:HD2	4	0.16
(5,1537)	1:69:A:MET:HE3	1:113:A:PHE:HD1	4	0.16
(5,1537)	1:69:A:MET:HE3	1:113:A:PHE:HD2	4	0.16
(5,1536)	1:69:A:MET:HE1	1:113:A:PHE:HE1	2	0.16
(5,1536)	1:69:A:MET:HE1	1:113:A:PHE:HE2	2	0.16
(5,1536)	1:69:A:MET:HE2	1:113:A:PHE:HE1	2	0.16
(5,1536)	1:69:A:MET:HE2	1:113:A:PHE:HE2	2	0.16
(5,1536)	1:69:A:MET:HE3	1:113:A:PHE:HE1	2	0.16
(5,1536)	1:69:A:MET:HE3	1:113:A:PHE:HE2	2	0.16
(5,1526)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	6	0.16
(5,1526)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	6	0.16
(5,1526)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	6	0.16
(5,1518)	1:15:A:ALA:H	1:43:A:MET:HE1	18	0.16
(5,1518)	1:15:A:ALA:H	1:43:A:MET:HE2	18	0.16
(5,1518)	1:15:A:ALA:H	1:43:A:MET:HE3	18	0.16
(5,1417)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	5	0.16
(5,1417)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	5	0.16
(5,1417)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	5	0.16
(5,1373)	1:121:A:VAL:H	1:121:A:VAL:HG11	12	0.16
(5,1373)	1:121:A:VAL:H	1:121:A:VAL:HG12	12	0.16
(5,1373)	1:121:A:VAL:H	1:121:A:VAL:HG13	12	0.16
(5,1355)	1:131:A:LEU:H	1:131:A:LEU:HD21	4	0.16
(5,1355)	1:131:A:LEU:H	1:131:A:LEU:HD22	4	0.16
(5,1355)	1:131:A:LEU:H	1:131:A:LEU:HD23	4	0.16
(5,1314)	1:18:A:PHE:HZ	1:60:A:LEU:HD21	13	0.16
(5,1314)	1:18:A:PHE:HZ	1:60:A:LEU:HD22	13	0.16
(5,1314)	1:18:A:PHE:HZ	1:60:A:LEU:HD23	13	0.16
(5,1308)	1:13:A:ALA:HB1	1:14:A:VAL:HG21	3	0.16
(5,1308)	1:13:A:ALA:HB1	1:14:A:VAL:HG22	3	0.16
(5,1308)	1:13:A:ALA:HB1	1:14:A:VAL:HG23	3	0.16
(5,1308)	1:13:A:ALA:HB2	1:14:A:VAL:HG21	3	0.16
(5,1308)	1:13:A:ALA:HB2	1:14:A:VAL:HG22	3	0.16
(5,1308)	1:13:A:ALA:HB2	1:14:A:VAL:HG23	3	0.16
(5,1308)	1:13:A:ALA:HB3	1:14:A:VAL:HG21	3	0.16
(5,1308)	1:13:A:ALA:HB3	1:14:A:VAL:HG22	3	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1308)	1:13:A:ALA:HB3	1:14:A:VAL:HG23	3	0.16
(5,1290)	1:44:A:GLU:HB2	1:45:A:ALA:HA	7	0.16
(5,1290)	1:44:A:GLU:HB3	1:45:A:ALA:HA	7	0.16
(5,1216)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	15	0.16
(5,1216)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	15	0.16
(5,1216)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	15	0.16
(5,1059)	1:72:A:PHE:HA	1:109:A:PRO:HB2	2	0.16
(5,1059)	1:72:A:PHE:HA	1:109:A:PRO:HB3	2	0.16
(5,957)	1:96:A:VAL:HB	1:97:A:ASP:H	5	0.16
(5,955)	1:11:A:ILE:HG21	1:43:A:MET:HG2	3	0.16
(5,955)	1:11:A:ILE:HG22	1:43:A:MET:HG2	3	0.16
(5,955)	1:11:A:ILE:HG23	1:43:A:MET:HG2	3	0.16
(5,914)	1:43:A:MET:HA	1:44:A:GLU:HG2	8	0.16
(5,913)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	8	0.16
(5,909)	1:19:A:ALA:HB1	1:20:A:THR:HB	7	0.16
(5,909)	1:19:A:ALA:HB2	1:20:A:THR:HB	7	0.16
(5,909)	1:19:A:ALA:HB3	1:20:A:THR:HB	7	0.16
(5,864)	1:57:A:LEU:HA	1:60:A:LEU:HB3	9	0.16
(5,846)	1:49:A:LYS:HA	1:49:A:LYS:HE2	13	0.16
(5,846)	1:49:A:LYS:HA	1:49:A:LYS:HE3	13	0.16
(5,845)	1:68:A:LYS:HA	1:68:A:LYS:HE2	15	0.16
(5,845)	1:68:A:LYS:HA	1:68:A:LYS:HE3	15	0.16
(5,807)	1:95:A:ILE:HA	1:95:A:ILE:HD11	4	0.16
(5,807)	1:95:A:ILE:HA	1:95:A:ILE:HD12	4	0.16
(5,807)	1:95:A:ILE:HA	1:95:A:ILE:HD13	4	0.16
(5,797)	1:58:A:ILE:HD11	1:59:A:CYS:H	8	0.16
(5,797)	1:58:A:ILE:HD12	1:59:A:CYS:H	8	0.16
(5,797)	1:58:A:ILE:HD13	1:59:A:CYS:H	8	0.16
(5,788)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	6	0.16
(5,788)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	6	0.16
(5,788)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	6	0.16
(5,788)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	6	0.16
(5,788)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	6	0.16
(5,788)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	6	0.16
(5,788)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	9	0.16
(5,788)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	9	0.16
(5,788)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	9	0.16
(5,788)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	9	0.16
(5,788)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	9	0.16
(5,788)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	9	0.16
(5,736)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	13	0.16
(5,722)	1:115:A:ALA:HB1	1:116:A:GLN:HE21	19	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,722)	1:115:A:ALA:HB2	1:116:A:GLN:HE21	19	0.16
(5,722)	1:115:A:ALA:HB3	1:116:A:GLN:HE21	19	0.16
(5,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	1	0.16
(5,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	6	0.16
(5,662)	1:108:A:GLU:H	1:112:A:GLN:H	3	0.16
(5,662)	1:108:A:GLU:H	1:112:A:GLN:H	18	0.16
(5,643)	1:66:A:THR:H	1:69:A:MET:HA	7	0.16
(5,640)	1:66:A:THR:H	1:68:A:LYS:H	5	0.16
(5,628)	1:14:A:VAL:HB	1:15:A:ALA:H	14	0.16
(5,614)	1:23:A:LEU:HD21	1:25:A:ALA:H	3	0.16
(5,614)	1:23:A:LEU:HD22	1:25:A:ALA:H	3	0.16
(5,614)	1:23:A:LEU:HD23	1:25:A:ALA:H	3	0.16
(5,554)	1:116:A:GLN:H	1:116:A:GLN:HE22	18	0.16
(5,496)	1:97:A:ASP:HA	1:105:A:LYS:H	16	0.16
(5,441)	1:142:A:LYS:H	1:143:A:TRP:HB2	8	0.16
(5,366)	1:41:A:LYS:H	1:44:A:GLU:HB2	7	0.16
(5,366)	1:41:A:LYS:H	1:44:A:GLU:HB3	7	0.16
(5,347)	1:102:A:PRO:HA	1:104:A:PHE:H	1	0.16
(5,347)	1:102:A:PRO:HA	1:104:A:PHE:H	8	0.16
(5,347)	1:102:A:PRO:HA	1:104:A:PHE:H	18	0.16
(5,345)	1:104:A:PHE:H	1:106:A:ASP:H	17	0.16
(5,329)	1:57:A:LEU:H	1:58:A:ILE:HB	4	0.16
(5,327)	1:122:A:ASP:H	1:123:A:CYS:HA	19	0.16
(5,280)	1:50:A:ALA:H	1:52:A:CYS:H	11	0.16
(5,266)	1:112:A:GLN:H	1:112:A:GLN:HE21	3	0.16
(5,217)	1:9:A:PHE:HE1	1:10:A:ASN:H	7	0.16
(5,217)	1:9:A:PHE:HE2	1:10:A:ASN:H	7	0.16
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD11	18	0.16
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD12	18	0.16
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD13	18	0.16
(5,111)	1:22:A:ASP:H	1:23:A:LEU:HB2	15	0.16
(5,111)	1:22:A:ASP:H	1:23:A:LEU:HB3	15	0.16
(5,65)	1:79:A:THR:HG21	1:81:A:GLU:H	18	0.16
(5,65)	1:79:A:THR:HG22	1:81:A:GLU:H	18	0.16
(5,65)	1:79:A:THR:HG23	1:81:A:GLU:H	18	0.16
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD21	18	0.16
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD22	18	0.16
(4,2460)	1:140:A:LEU:HB2	1:144:A:LEU:HD23	18	0.16
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD21	18	0.16
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD22	18	0.16
(4,2460)	1:140:A:LEU:HB3	1:144:A:LEU:HD23	18	0.16
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD11	10	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD12	10	0.16
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD13	10	0.16
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD21	10	0.16
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD22	10	0.16
(4,2442)	1:139:A:LEU:H	1:140:A:LEU:HD23	10	0.16
(4,2432)	1:136:A:CYS:HB2	1:141:A:LYS:HA	3	0.16
(4,2432)	1:136:A:CYS:HB3	1:141:A:LYS:HA	3	0.16
(4,2387)	1:119:A:LEU:HD11	1:121:A:VAL:H	19	0.16
(4,2387)	1:119:A:LEU:HD12	1:121:A:VAL:H	19	0.16
(4,2387)	1:119:A:LEU:HD13	1:121:A:VAL:H	19	0.16
(4,2387)	1:119:A:LEU:HD21	1:121:A:VAL:H	19	0.16
(4,2387)	1:119:A:LEU:HD22	1:121:A:VAL:H	19	0.16
(4,2387)	1:119:A:LEU:HD23	1:121:A:VAL:H	19	0.16
(4,2331)	1:107:A:LEU:HD11	1:112:A:GLN:H	1	0.16
(4,2331)	1:107:A:LEU:HD12	1:112:A:GLN:H	1	0.16
(4,2331)	1:107:A:LEU:HD13	1:112:A:GLN:H	1	0.16
(4,2331)	1:107:A:LEU:HD21	1:112:A:GLN:H	1	0.16
(4,2331)	1:107:A:LEU:HD22	1:112:A:GLN:H	1	0.16
(4,2331)	1:107:A:LEU:HD23	1:112:A:GLN:H	1	0.16
(4,2328)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	8	0.16
(4,2328)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	8	0.16
(4,2328)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	8	0.16
(4,2328)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	8	0.16
(4,2328)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	8	0.16
(4,2328)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	8	0.16
(4,2328)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	8	0.16
(4,2328)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	8	0.16
(4,2328)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	8	0.16
(4,2328)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	8	0.16
(4,2328)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	8	0.16
(4,2328)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	8	0.16
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD11	17	0.16
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD12	17	0.16
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD13	17	0.16
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD21	17	0.16
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD22	17	0.16
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD23	17	0.16
(4,2287)	1:97:A:ASP:HA	1:105:A:LYS:HG2	1	0.16
(4,2287)	1:97:A:ASP:HA	1:105:A:LYS:HG3	1	0.16
(4,2237)	1:69:A:MET:HG2	1:109:A:PRO:HA	16	0.16
(4,2237)	1:69:A:MET:HG3	1:109:A:PRO:HA	16	0.16
(4,2193)	1:59:A:CYS:H	1:60:A:LEU:HD11	5	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2193)	1:59:A:CYS:H	1:60:A:LEU:HD12	5	0.16
(4,2193)	1:59:A:CYS:H	1:60:A:LEU:HD13	5	0.16
(4,2193)	1:59:A:CYS:H	1:60:A:LEU:HD21	5	0.16
(4,2193)	1:59:A:CYS:H	1:60:A:LEU:HD22	5	0.16
(4,2193)	1:59:A:CYS:H	1:60:A:LEU:HD23	5	0.16
(4,2189)	1:57:A:LEU:HD11	1:60:A:LEU:H	10	0.16
(4,2189)	1:57:A:LEU:HD12	1:60:A:LEU:H	10	0.16
(4,2189)	1:57:A:LEU:HD13	1:60:A:LEU:H	10	0.16
(4,2189)	1:57:A:LEU:HD21	1:60:A:LEU:H	10	0.16
(4,2189)	1:57:A:LEU:HD22	1:60:A:LEU:H	10	0.16
(4,2189)	1:57:A:LEU:HD23	1:60:A:LEU:H	10	0.16
(4,2189)	1:57:A:LEU:HD11	1:60:A:LEU:H	11	0.16
(4,2189)	1:57:A:LEU:HD12	1:60:A:LEU:H	11	0.16
(4,2189)	1:57:A:LEU:HD13	1:60:A:LEU:H	11	0.16
(4,2189)	1:57:A:LEU:HD21	1:60:A:LEU:H	11	0.16
(4,2189)	1:57:A:LEU:HD22	1:60:A:LEU:H	11	0.16
(4,2189)	1:57:A:LEU:HD23	1:60:A:LEU:H	11	0.16
(4,2138)	1:43:A:MET:HB2	1:43:A:MET:HE1	18	0.16
(4,2138)	1:43:A:MET:HB2	1:43:A:MET:HE2	18	0.16
(4,2138)	1:43:A:MET:HB2	1:43:A:MET:HE3	18	0.16
(4,2138)	1:43:A:MET:HB3	1:43:A:MET:HE1	18	0.16
(4,2138)	1:43:A:MET:HB3	1:43:A:MET:HE2	18	0.16
(4,2138)	1:43:A:MET:HB3	1:43:A:MET:HE3	18	0.16
(4,2103)	1:39:A:VAL:HG11	1:44:A:GLU:H	1	0.16
(4,2103)	1:39:A:VAL:HG12	1:44:A:GLU:H	1	0.16
(4,2103)	1:39:A:VAL:HG13	1:44:A:GLU:H	1	0.16
(4,2103)	1:39:A:VAL:HG21	1:44:A:GLU:H	1	0.16
(4,2103)	1:39:A:VAL:HG22	1:44:A:GLU:H	1	0.16
(4,2103)	1:39:A:VAL:HG23	1:44:A:GLU:H	1	0.16
(4,2103)	1:39:A:VAL:HG11	1:44:A:GLU:H	17	0.16
(4,2103)	1:39:A:VAL:HG12	1:44:A:GLU:H	17	0.16
(4,2103)	1:39:A:VAL:HG13	1:44:A:GLU:H	17	0.16
(4,2103)	1:39:A:VAL:HG21	1:44:A:GLU:H	17	0.16
(4,2103)	1:39:A:VAL:HG22	1:44:A:GLU:H	17	0.16
(4,2103)	1:39:A:VAL:HG23	1:44:A:GLU:H	17	0.16
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD11	8	0.16
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD12	8	0.16
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD13	8	0.16
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD21	8	0.16
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD22	8	0.16
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD23	8	0.16
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD11	16	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD12	16	0.16
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD13	16	0.16
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD21	16	0.16
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD22	16	0.16
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD23	16	0.16
(4,2075)	1:35:A:LEU:HD11	1:80:A:TYR:HB3	4	0.16
(4,2075)	1:35:A:LEU:HD12	1:80:A:TYR:HB3	4	0.16
(4,2075)	1:35:A:LEU:HD13	1:80:A:TYR:HB3	4	0.16
(4,2075)	1:35:A:LEU:HD21	1:80:A:TYR:HB3	4	0.16
(4,2075)	1:35:A:LEU:HD22	1:80:A:TYR:HB3	4	0.16
(4,2075)	1:35:A:LEU:HD23	1:80:A:TYR:HB3	4	0.16
(4,2071)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	6	0.16
(4,2071)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	6	0.16
(4,2071)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	6	0.16
(4,2071)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	6	0.16
(4,2071)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	6	0.16
(4,2071)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	6	0.16
(4,2071)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	18	0.16
(4,2071)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	18	0.16
(4,2071)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	18	0.16
(4,2071)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	18	0.16
(4,2071)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	18	0.16
(4,2071)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	18	0.16
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	5	0.16
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	5	0.16
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	5	0.16
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	5	0.16
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	5	0.16
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	5	0.16
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	5	0.16
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	5	0.16
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	5	0.16
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	5	0.16
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	5	0.16
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	5	0.16
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD11	3	0.16
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD12	3	0.16
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD13	3	0.16
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD21	3	0.16
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD22	3	0.16
(4,2033)	1:23:A:LEU:HA	1:23:A:LEU:HD23	3	0.16
(4,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	8	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	8	0.16
(4,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	8	0.16
(4,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	8	0.16
(4,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	8	0.16
(4,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	8	0.16
(4,1909)	1:9:A:PHE:HE1	1:14:A:VAL:HG11	16	0.16
(4,1909)	1:9:A:PHE:HE1	1:14:A:VAL:HG12	16	0.16
(4,1909)	1:9:A:PHE:HE1	1:14:A:VAL:HG13	16	0.16
(4,1909)	1:9:A:PHE:HE1	1:14:A:VAL:HG21	16	0.16
(4,1909)	1:9:A:PHE:HE1	1:14:A:VAL:HG22	16	0.16
(4,1909)	1:9:A:PHE:HE1	1:14:A:VAL:HG23	16	0.16
(4,1909)	1:9:A:PHE:HE2	1:14:A:VAL:HG11	16	0.16
(4,1909)	1:9:A:PHE:HE2	1:14:A:VAL:HG12	16	0.16
(4,1909)	1:9:A:PHE:HE2	1:14:A:VAL:HG13	16	0.16
(4,1909)	1:9:A:PHE:HE2	1:14:A:VAL:HG21	16	0.16
(4,1909)	1:9:A:PHE:HE2	1:14:A:VAL:HG22	16	0.16
(4,1909)	1:9:A:PHE:HE2	1:14:A:VAL:HG23	16	0.16
(4,1897)	1:14:A:VAL:HB	1:18:A:PHE:HZ	5	0.16
(4,1860)	1:104:A:PHE:HE1	1:115:A:ALA:H	2	0.16
(4,1860)	1:104:A:PHE:HE2	1:115:A:ALA:H	2	0.16
(4,1860)	1:104:A:PHE:HE1	1:115:A:ALA:H	6	0.16
(4,1860)	1:104:A:PHE:HE2	1:115:A:ALA:H	6	0.16
(4,1858)	1:68:A:LYS:HA	1:72:A:PHE:HE1	11	0.16
(4,1858)	1:68:A:LYS:HA	1:72:A:PHE:HE2	11	0.16
(4,1855)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	16	0.16
(4,1855)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	16	0.16
(4,1853)	1:71:A:LYS:HA	1:72:A:PHE:HD1	6	0.16
(4,1853)	1:71:A:LYS:HA	1:72:A:PHE:HD2	6	0.16
(4,1776)	1:9:A:PHE:HD1	1:11:A:ILE:HB	4	0.16
(4,1776)	1:9:A:PHE:HD2	1:11:A:ILE:HB	4	0.16
(4,1773)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	14	0.16
(4,1773)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	14	0.16
(4,1773)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	14	0.16
(4,1773)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	14	0.16
(4,1773)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	14	0.16
(4,1773)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	14	0.16
(4,1732)	1:36:A:PRO:HA	1:37:A:LEU:HG	4	0.16
(4,1732)	1:36:A:PRO:HA	1:37:A:LEU:HG	14	0.16
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG21	4	0.16
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG22	4	0.16
(4,1704)	1:19:A:ALA:HB1	1:21:A:THR:HG23	4	0.16
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG21	4	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG22	4	0.16
(4,1704)	1:19:A:ALA:HB2	1:21:A:THR:HG23	4	0.16
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG21	4	0.16
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG22	4	0.16
(4,1704)	1:19:A:ALA:HB3	1:21:A:THR:HG23	4	0.16
(4,1685)	1:141:A:LYS:HA	1:145:A:PRO:HD3	6	0.16
(4,1675)	1:43:A:MET:HE1	1:135:A:GLN:H	14	0.16
(4,1675)	1:43:A:MET:HE2	1:135:A:GLN:H	14	0.16
(4,1675)	1:43:A:MET:HE3	1:135:A:GLN:H	14	0.16
(4,1655)	1:125:A:THR:HA	1:128:A:LEU:HA	3	0.16
(4,1588)	1:73:A:ILE:HG21	1:76:A:ARG:HE	18	0.16
(4,1588)	1:73:A:ILE:HG22	1:76:A:ARG:HE	18	0.16
(4,1588)	1:73:A:ILE:HG23	1:76:A:ARG:HE	18	0.16
(4,1583)	1:120:A:CYS:H	1:121:A:VAL:HG21	16	0.16
(4,1583)	1:120:A:CYS:H	1:121:A:VAL:HG22	16	0.16
(4,1583)	1:120:A:CYS:H	1:121:A:VAL:HG23	16	0.16
(4,1545)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	4	0.16
(4,1545)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	4	0.16
(4,1545)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	4	0.16
(4,1538)	1:139:A:LEU:HD11	1:142:A:LYS:HE2	18	0.16
(4,1538)	1:139:A:LEU:HD11	1:142:A:LYS:HE3	18	0.16
(4,1538)	1:139:A:LEU:HD12	1:142:A:LYS:HE2	18	0.16
(4,1538)	1:139:A:LEU:HD12	1:142:A:LYS:HE3	18	0.16
(4,1538)	1:139:A:LEU:HD13	1:142:A:LYS:HE2	18	0.16
(4,1538)	1:139:A:LEU:HD13	1:142:A:LYS:HE3	18	0.16
(4,1531)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	1	0.16
(4,1531)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	1	0.16
(4,1531)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	1	0.16
(4,1503)	1:69:A:MET:HE1	1:113:A:PHE:HD1	4	0.16
(4,1503)	1:69:A:MET:HE1	1:113:A:PHE:HD2	4	0.16
(4,1503)	1:69:A:MET:HE2	1:113:A:PHE:HD1	4	0.16
(4,1503)	1:69:A:MET:HE2	1:113:A:PHE:HD2	4	0.16
(4,1503)	1:69:A:MET:HE3	1:113:A:PHE:HD1	4	0.16
(4,1503)	1:69:A:MET:HE3	1:113:A:PHE:HD2	4	0.16
(4,1499)	1:69:A:MET:HE1	1:115:A:ALA:H	6	0.16
(4,1499)	1:69:A:MET:HE2	1:115:A:ALA:H	6	0.16
(4,1499)	1:69:A:MET:HE3	1:115:A:ALA:H	6	0.16
(4,1494)	1:11:A:ILE:HG21	1:43:A:MET:HE1	16	0.16
(4,1494)	1:11:A:ILE:HG21	1:43:A:MET:HE2	16	0.16
(4,1494)	1:11:A:ILE:HG21	1:43:A:MET:HE3	16	0.16
(4,1494)	1:11:A:ILE:HG22	1:43:A:MET:HE1	16	0.16
(4,1494)	1:11:A:ILE:HG22	1:43:A:MET:HE2	16	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1494)	1:11:A:ILE:HG22	1:43:A:MET:HE3	16	0.16
(4,1494)	1:11:A:ILE:HG23	1:43:A:MET:HE1	16	0.16
(4,1494)	1:11:A:ILE:HG23	1:43:A:MET:HE2	16	0.16
(4,1494)	1:11:A:ILE:HG23	1:43:A:MET:HE3	16	0.16
(4,1489)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	6	0.16
(4,1489)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	6	0.16
(4,1489)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	6	0.16
(4,1481)	1:15:A:ALA:H	1:43:A:MET:HE1	18	0.16
(4,1481)	1:15:A:ALA:H	1:43:A:MET:HE2	18	0.16
(4,1481)	1:15:A:ALA:H	1:43:A:MET:HE3	18	0.16
(4,1478)	1:114:A:ILE:HG21	1:117:A:VAL:HB	1	0.16
(4,1478)	1:114:A:ILE:HG22	1:117:A:VAL:HB	1	0.16
(4,1478)	1:114:A:ILE:HG23	1:117:A:VAL:HB	1	0.16
(4,1455)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	2	0.16
(4,1455)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	2	0.16
(4,1455)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	2	0.16
(4,1455)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	2	0.16
(4,1455)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	2	0.16
(4,1455)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	2	0.16
(4,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	11	0.16
(4,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	11	0.16
(4,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	11	0.16
(4,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	11	0.16
(4,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	11	0.16
(4,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	11	0.16
(4,1339)	1:121:A:VAL:H	1:121:A:VAL:HG11	12	0.16
(4,1339)	1:121:A:VAL:H	1:121:A:VAL:HG12	12	0.16
(4,1339)	1:121:A:VAL:H	1:121:A:VAL:HG13	12	0.16
(4,1295)	1:66:A:THR:HG21	1:98:A:ILE:HD11	12	0.16
(4,1295)	1:66:A:THR:HG21	1:98:A:ILE:HD12	12	0.16
(4,1295)	1:66:A:THR:HG21	1:98:A:ILE:HD13	12	0.16
(4,1295)	1:66:A:THR:HG22	1:98:A:ILE:HD11	12	0.16
(4,1295)	1:66:A:THR:HG22	1:98:A:ILE:HD12	12	0.16
(4,1295)	1:66:A:THR:HG22	1:98:A:ILE:HD13	12	0.16
(4,1295)	1:66:A:THR:HG23	1:98:A:ILE:HD11	12	0.16
(4,1295)	1:66:A:THR:HG23	1:98:A:ILE:HD12	12	0.16
(4,1295)	1:66:A:THR:HG23	1:98:A:ILE:HD13	12	0.16
(4,1287)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	2	0.16
(4,1287)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	2	0.16
(4,1287)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	2	0.16
(4,1271)	1:128:A:LEU:H	1:128:A:LEU:HD21	11	0.16
(4,1271)	1:128:A:LEU:H	1:128:A:LEU:HD22	11	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1271)	1:128:A:LEU:H	1:128:A:LEU:HD23	11	0.16
(4,1197)	1:110:A:MET:HA	1:113:A:PHE:HB2	5	0.16
(4,1149)	1:30:A:LEU:H	1:30:A:LEU:HD21	17	0.16
(4,1149)	1:30:A:LEU:H	1:30:A:LEU:HD22	17	0.16
(4,1149)	1:30:A:LEU:H	1:30:A:LEU:HD23	17	0.16
(4,1069)	1:141:A:LYS:HA	1:149:A:ALA:HB1	16	0.16
(4,1069)	1:141:A:LYS:HA	1:149:A:ALA:HB2	16	0.16
(4,1069)	1:141:A:LYS:HA	1:149:A:ALA:HB3	16	0.16
(4,1026)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	3	0.16
(4,1026)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	3	0.16
(4,1026)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	3	0.16
(4,1026)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	3	0.16
(4,1026)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	3	0.16
(4,1026)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	3	0.16
(4,1026)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	6	0.16
(4,1026)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	6	0.16
(4,1026)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	6	0.16
(4,1026)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	6	0.16
(4,1026)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	6	0.16
(4,1026)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	6	0.16
(4,981)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	1	0.16
(4,981)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	10	0.16
(4,863)	1:35:A:LEU:HB3	1:39:A:VAL:HB	14	0.16
(4,845)	1:49:A:LYS:HA	1:49:A:LYS:HE2	13	0.16
(4,845)	1:49:A:LYS:HA	1:49:A:LYS:HE3	13	0.16
(4,844)	1:68:A:LYS:HA	1:68:A:LYS:HE2	15	0.16
(4,844)	1:68:A:LYS:HA	1:68:A:LYS:HE3	15	0.16
(4,788)	1:63:A:ILE:HD11	1:117:A:VAL:HB	17	0.16
(4,788)	1:63:A:ILE:HD12	1:117:A:VAL:HB	17	0.16
(4,788)	1:63:A:ILE:HD13	1:117:A:VAL:HB	17	0.16
(4,774)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	13	0.16
(4,774)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	13	0.16
(4,774)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	13	0.16
(4,774)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	13	0.16
(4,774)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	13	0.16
(4,774)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	13	0.16
(4,728)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	13	0.16
(4,719)	1:45:A:ALA:H	1:46:A:ASN:HD21	11	0.16
(4,653)	1:108:A:GLU:H	1:112:A:GLN:H	6	0.16
(4,653)	1:108:A:GLU:H	1:112:A:GLN:H	12	0.16
(4,632)	1:66:A:THR:H	1:69:A:MET:HA	7	0.16
(4,496)	1:97:A:ASP:HA	1:105:A:LYS:H	16	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,479)	1:98:A:ILE:H	1:105:A:LYS:H	6	0.16
(4,441)	1:142:A:LYS:H	1:143:A:TRP:HB2	8	0.16
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB1	17	0.16
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB2	17	0.16
(4,433)	1:68:A:LYS:H	1:94:A:ALA:HB3	17	0.16
(4,429)	1:143:A:TRP:H	1:144:A:LEU:HD21	5	0.16
(4,429)	1:143:A:TRP:H	1:144:A:LEU:HD22	5	0.16
(4,429)	1:143:A:TRP:H	1:144:A:LEU:HD23	5	0.16
(4,387)	1:105:A:LYS:HG3	1:106:A:ASP:H	12	0.16
(4,352)	1:70:A:LYS:H	1:70:A:LYS:HE2	17	0.16
(4,352)	1:70:A:LYS:H	1:70:A:LYS:HE3	17	0.16
(4,342)	1:102:A:PRO:HA	1:104:A:PHE:H	1	0.16
(4,342)	1:102:A:PRO:HA	1:104:A:PHE:H	8	0.16
(4,342)	1:102:A:PRO:HA	1:104:A:PHE:H	18	0.16
(4,341)	1:104:A:PHE:H	1:106:A:ASP:H	17	0.16
(4,304)	1:64:A:LYS:HD2	1:65:A:CYS:H	2	0.16
(4,304)	1:64:A:LYS:HD3	1:65:A:CYS:H	2	0.16
(4,286)	1:121:A:VAL:H	1:123:A:CYS:H	2	0.16
(4,281)	1:50:A:ALA:H	1:52:A:CYS:H	14	0.16
(4,252)	1:27:A:ARG:HA	1:29:A:LYS:H	19	0.16
(4,71)	1:63:A:ILE:HG21	1:117:A:VAL:H	8	0.16
(4,71)	1:63:A:ILE:HG22	1:117:A:VAL:H	8	0.16
(4,71)	1:63:A:ILE:HG23	1:117:A:VAL:H	8	0.16
(4,70)	1:79:A:THR:HG21	1:81:A:GLU:H	18	0.16
(4,70)	1:79:A:THR:HG22	1:81:A:GLU:H	18	0.16
(4,70)	1:79:A:THR:HG23	1:81:A:GLU:H	18	0.16
(3,2484)	1:139:A:LEU:HD11	1:142:A:LYS:HA	5	0.16
(3,2484)	1:139:A:LEU:HD12	1:142:A:LYS:HA	5	0.16
(3,2484)	1:139:A:LEU:HD13	1:142:A:LYS:HA	5	0.16
(3,2484)	1:139:A:LEU:HD21	1:142:A:LYS:HA	5	0.16
(3,2484)	1:139:A:LEU:HD22	1:142:A:LYS:HA	5	0.16
(3,2484)	1:139:A:LEU:HD23	1:142:A:LYS:HA	5	0.16
(3,2484)	1:139:A:LEU:HD11	1:142:A:LYS:HA	19	0.16
(3,2484)	1:139:A:LEU:HD12	1:142:A:LYS:HA	19	0.16
(3,2484)	1:139:A:LEU:HD13	1:142:A:LYS:HA	19	0.16
(3,2484)	1:139:A:LEU:HD21	1:142:A:LYS:HA	19	0.16
(3,2484)	1:139:A:LEU:HD22	1:142:A:LYS:HA	19	0.16
(3,2484)	1:139:A:LEU:HD23	1:142:A:LYS:HA	19	0.16
(3,2430)	1:126:A:GLY:H	1:128:A:LEU:HD11	5	0.16
(3,2430)	1:126:A:GLY:H	1:128:A:LEU:HD12	5	0.16
(3,2430)	1:126:A:GLY:H	1:128:A:LEU:HD13	5	0.16
(3,2430)	1:126:A:GLY:H	1:128:A:LEU:HD21	5	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2430)	1:126:A:GLY:H	1:128:A:LEU:HD22	5	0.16
(3,2430)	1:126:A:GLY:H	1:128:A:LEU:HD23	5	0.16
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD11	18	0.16
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD12	18	0.16
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD13	18	0.16
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD21	18	0.16
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD22	18	0.16
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD23	18	0.16
(3,2324)	1:97:A:ASP:HA	1:105:A:LYS:HG2	1	0.16
(3,2324)	1:97:A:ASP:HA	1:105:A:LYS:HG3	1	0.16
(3,2250)	1:65:A:CYS:HB2	1:69:A:MET:HG2	9	0.16
(3,2250)	1:65:A:CYS:HB2	1:69:A:MET:HG3	9	0.16
(3,2250)	1:65:A:CYS:HB3	1:69:A:MET:HG2	9	0.16
(3,2250)	1:65:A:CYS:HB3	1:69:A:MET:HG3	9	0.16
(3,2250)	1:65:A:CYS:HB2	1:69:A:MET:HG2	11	0.16
(3,2250)	1:65:A:CYS:HB2	1:69:A:MET:HG3	11	0.16
(3,2250)	1:65:A:CYS:HB3	1:69:A:MET:HG2	11	0.16
(3,2250)	1:65:A:CYS:HB3	1:69:A:MET:HG3	11	0.16
(3,2223)	1:59:A:CYS:HA	1:60:A:LEU:HD11	12	0.16
(3,2223)	1:59:A:CYS:HA	1:60:A:LEU:HD12	12	0.16
(3,2223)	1:59:A:CYS:HA	1:60:A:LEU:HD13	12	0.16
(3,2223)	1:59:A:CYS:HA	1:60:A:LEU:HD21	12	0.16
(3,2223)	1:59:A:CYS:HA	1:60:A:LEU:HD22	12	0.16
(3,2223)	1:59:A:CYS:HA	1:60:A:LEU:HD23	12	0.16
(3,2222)	1:59:A:CYS:H	1:60:A:LEU:HD11	5	0.16
(3,2222)	1:59:A:CYS:H	1:60:A:LEU:HD12	5	0.16
(3,2222)	1:59:A:CYS:H	1:60:A:LEU:HD13	5	0.16
(3,2222)	1:59:A:CYS:H	1:60:A:LEU:HD21	5	0.16
(3,2222)	1:59:A:CYS:H	1:60:A:LEU:HD22	5	0.16
(3,2222)	1:59:A:CYS:H	1:60:A:LEU:HD23	5	0.16
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD11	6	0.16
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD12	6	0.16
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD13	6	0.16
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD21	6	0.16
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD22	6	0.16
(3,2192)	1:47:A:ALA:H	1:131:A:LEU:HD23	6	0.16
(3,2163)	1:43:A:MET:HB2	1:43:A:MET:HE1	18	0.16
(3,2163)	1:43:A:MET:HB2	1:43:A:MET:HE2	18	0.16
(3,2163)	1:43:A:MET:HB2	1:43:A:MET:HE3	18	0.16
(3,2163)	1:43:A:MET:HB3	1:43:A:MET:HE1	18	0.16
(3,2163)	1:43:A:MET:HB3	1:43:A:MET:HE2	18	0.16
(3,2163)	1:43:A:MET:HB3	1:43:A:MET:HE3	18	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2110)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	4	0.16
(3,2110)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	4	0.16
(3,2110)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	4	0.16
(3,2110)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	4	0.16
(3,2110)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	4	0.16
(3,2110)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	4	0.16
(3,2092)	1:35:A:LEU:HA	1:39:A:VAL:HG11	3	0.16
(3,2092)	1:35:A:LEU:HA	1:39:A:VAL:HG12	3	0.16
(3,2092)	1:35:A:LEU:HA	1:39:A:VAL:HG13	3	0.16
(3,2092)	1:35:A:LEU:HA	1:39:A:VAL:HG21	3	0.16
(3,2092)	1:35:A:LEU:HA	1:39:A:VAL:HG22	3	0.16
(3,2092)	1:35:A:LEU:HA	1:39:A:VAL:HG23	3	0.16
(3,2086)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	5	0.16
(3,2086)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	5	0.16
(3,2086)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	5	0.16
(3,2086)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	5	0.16
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	5	0.16
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	5	0.16
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	5	0.16
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	5	0.16
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	5	0.16
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	5	0.16
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	5	0.16
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	5	0.16
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	5	0.16
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	5	0.16
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	5	0.16
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	5	0.16
(3,1982)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	14	0.16
(3,1982)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	14	0.16
(3,1982)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	14	0.16
(3,1982)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	14	0.16
(3,1982)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	14	0.16
(3,1982)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	14	0.16
(3,1903)	1:71:A:LYS:HA	1:72:A:PHE:HD1	6	0.16
(3,1903)	1:71:A:LYS:HA	1:72:A:PHE:HD2	6	0.16
(3,1881)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	6	0.16
(3,1881)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	6	0.16
(3,1859)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	9	0.16
(3,1844)	1:113:A:PHE:HD1	1:114:A:ILE:HD11	6	0.16
(3,1844)	1:113:A:PHE:HD1	1:114:A:ILE:HD12	6	0.16
(3,1844)	1:113:A:PHE:HD1	1:114:A:ILE:HD13	6	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1844)	1:113:A:PHE:HD2	1:114:A:ILE:HD11	6	0.16
(3,1844)	1:113:A:PHE:HD2	1:114:A:ILE:HD12	6	0.16
(3,1844)	1:113:A:PHE:HD2	1:114:A:ILE:HD13	6	0.16
(3,1823)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	14	0.16
(3,1823)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	14	0.16
(3,1823)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	14	0.16
(3,1823)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	14	0.16
(3,1823)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	14	0.16
(3,1823)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	14	0.16
(3,1798)	1:97:A:ASP:HA	1:105:A:LYS:HA	12	0.16
(3,1783)	1:36:A:PRO:HA	1:37:A:LEU:HG	4	0.16
(3,1783)	1:36:A:PRO:HA	1:37:A:LEU:HG	14	0.16
(3,1767)	1:98:A:ILE:HG21	1:102:A:PRO:HD3	3	0.16
(3,1767)	1:98:A:ILE:HG22	1:102:A:PRO:HD3	3	0.16
(3,1767)	1:98:A:ILE:HG23	1:102:A:PRO:HD3	3	0.16
(3,1661)	1:34:A:LYS:H	1:80:A:TYR:HA	11	0.16
(3,1610)	1:63:A:ILE:HD11	1:113:A:PHE:HA	19	0.16
(3,1610)	1:63:A:ILE:HD12	1:113:A:PHE:HA	19	0.16
(3,1610)	1:63:A:ILE:HD13	1:113:A:PHE:HA	19	0.16
(3,1585)	1:11:A:ILE:HB	1:40:A:LEU:HD11	10	0.16
(3,1585)	1:11:A:ILE:HB	1:40:A:LEU:HD12	10	0.16
(3,1585)	1:11:A:ILE:HB	1:40:A:LEU:HD13	10	0.16
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	10	0.16
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	10	0.16
(3,1582)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	10	0.16
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE1	6	0.16
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE2	6	0.16
(3,1560)	1:76:A:ARG:HG2	1:110:A:MET:HE3	6	0.16
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE1	6	0.16
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE2	6	0.16
(3,1560)	1:76:A:ARG:HG3	1:110:A:MET:HE3	6	0.16
(3,1542)	1:69:A:MET:HE1	1:115:A:ALA:H	6	0.16
(3,1542)	1:69:A:MET:HE2	1:115:A:ALA:H	6	0.16
(3,1542)	1:69:A:MET:HE3	1:115:A:ALA:H	6	0.16
(3,1537)	1:11:A:ILE:HG21	1:43:A:MET:HE1	16	0.16
(3,1537)	1:11:A:ILE:HG21	1:43:A:MET:HE2	16	0.16
(3,1537)	1:11:A:ILE:HG21	1:43:A:MET:HE3	16	0.16
(3,1537)	1:11:A:ILE:HG22	1:43:A:MET:HE1	16	0.16
(3,1537)	1:11:A:ILE:HG22	1:43:A:MET:HE2	16	0.16
(3,1537)	1:11:A:ILE:HG22	1:43:A:MET:HE3	16	0.16
(3,1537)	1:11:A:ILE:HG23	1:43:A:MET:HE1	16	0.16
(3,1537)	1:11:A:ILE:HG23	1:43:A:MET:HE2	16	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1537)	1:11:A:ILE:HG23	1:43:A:MET:HE3	16	0.16
(3,1531)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	6	0.16
(3,1531)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	6	0.16
(3,1531)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	6	0.16
(3,1524)	1:15:A:ALA:H	1:43:A:MET:HE1	18	0.16
(3,1524)	1:15:A:ALA:H	1:43:A:MET:HE2	18	0.16
(3,1524)	1:15:A:ALA:H	1:43:A:MET:HE3	18	0.16
(3,1498)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	2	0.16
(3,1498)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	2	0.16
(3,1498)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	2	0.16
(3,1498)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	2	0.16
(3,1498)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	2	0.16
(3,1498)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	2	0.16
(3,1389)	1:119:A:LEU:HB2	1:121:A:VAL:HG11	12	0.16
(3,1389)	1:119:A:LEU:HB2	1:121:A:VAL:HG12	12	0.16
(3,1389)	1:119:A:LEU:HB2	1:121:A:VAL:HG13	12	0.16
(3,1383)	1:121:A:VAL:H	1:121:A:VAL:HG11	12	0.16
(3,1383)	1:121:A:VAL:H	1:121:A:VAL:HG12	12	0.16
(3,1383)	1:121:A:VAL:H	1:121:A:VAL:HG13	12	0.16
(3,1340)	1:66:A:THR:HG21	1:98:A:ILE:HD11	12	0.16
(3,1340)	1:66:A:THR:HG21	1:98:A:ILE:HD12	12	0.16
(3,1340)	1:66:A:THR:HG21	1:98:A:ILE:HD13	12	0.16
(3,1340)	1:66:A:THR:HG22	1:98:A:ILE:HD11	12	0.16
(3,1340)	1:66:A:THR:HG22	1:98:A:ILE:HD12	12	0.16
(3,1340)	1:66:A:THR:HG22	1:98:A:ILE:HD13	12	0.16
(3,1340)	1:66:A:THR:HG23	1:98:A:ILE:HD11	12	0.16
(3,1340)	1:66:A:THR:HG23	1:98:A:ILE:HD12	12	0.16
(3,1340)	1:66:A:THR:HG23	1:98:A:ILE:HD13	12	0.16
(3,1332)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	2	0.16
(3,1332)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	2	0.16
(3,1332)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	2	0.16
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD11	17	0.16
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD12	17	0.16
(3,1154)	1:12:A:VAL:H	1:144:A:LEU:HD13	17	0.16
(3,1152)	1:40:A:LEU:HA	1:40:A:LEU:HD11	17	0.16
(3,1152)	1:40:A:LEU:HA	1:40:A:LEU:HD12	17	0.16
(3,1152)	1:40:A:LEU:HA	1:40:A:LEU:HD13	17	0.16
(3,1119)	1:41:A:LYS:HG3	1:42:A:GLU:HA	9	0.16
(3,1096)	1:103:A:ARG:HB2	1:104:A:PHE:HA	12	0.16
(3,1096)	1:103:A:ARG:HB3	1:104:A:PHE:HA	12	0.16
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD11	16	0.16
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD12	16	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD13	16	0.16
(3,1062)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	3	0.16
(3,1062)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	3	0.16
(3,1062)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	3	0.16
(3,1062)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	3	0.16
(3,1062)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	3	0.16
(3,1062)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	3	0.16
(3,1062)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	6	0.16
(3,1062)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	6	0.16
(3,1062)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	6	0.16
(3,1062)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	6	0.16
(3,1062)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	6	0.16
(3,1062)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	6	0.16
(3,1040)	1:113:A:PHE:HA	1:116:A:GLN:HG3	17	0.16
(3,1032)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	11	0.16
(3,1009)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	1	0.16
(3,1009)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	10	0.16
(3,1004)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	1	0.16
(3,1004)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	1	0.16
(3,973)	1:96:A:VAL:HB	1:97:A:ASP:H	5	0.16
(3,969)	1:40:A:LEU:HA	1:43:A:MET:HG2	14	0.16
(3,883)	1:57:A:LEU:HA	1:60:A:LEU:HB3	9	0.16
(3,865)	1:49:A:LYS:HA	1:49:A:LYS:HE2	13	0.16
(3,865)	1:49:A:LYS:HA	1:49:A:LYS:HE3	13	0.16
(3,864)	1:68:A:LYS:HA	1:68:A:LYS:HE2	15	0.16
(3,864)	1:68:A:LYS:HA	1:68:A:LYS:HE3	15	0.16
(3,827)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	19	0.16
(3,827)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	19	0.16
(3,827)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	19	0.16
(3,827)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	19	0.16
(3,827)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	19	0.16
(3,827)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	19	0.16
(3,826)	1:98:A:ILE:HD11	1:101:A:ILE:H	5	0.16
(3,826)	1:98:A:ILE:HD12	1:101:A:ILE:H	5	0.16
(3,826)	1:98:A:ILE:HD13	1:101:A:ILE:H	5	0.16
(3,825)	1:64:A:LYS:H	1:98:A:ILE:HD11	16	0.16
(3,825)	1:64:A:LYS:H	1:98:A:ILE:HD12	16	0.16
(3,825)	1:64:A:LYS:H	1:98:A:ILE:HD13	16	0.16
(3,809)	1:63:A:ILE:HD11	1:117:A:VAL:HB	13	0.16
(3,809)	1:63:A:ILE:HD12	1:117:A:VAL:HB	13	0.16
(3,809)	1:63:A:ILE:HD13	1:117:A:VAL:HB	13	0.16
(3,778)	1:101:A:ILE:HD11	1:118:A:ASP:HB3	3	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,778)	1:101:A:ILE:HD12	1:118:A:ASP:HB3	3	0.16
(3,778)	1:101:A:ILE:HD13	1:118:A:ASP:HB3	3	0.16
(3,778)	1:101:A:ILE:HD11	1:118:A:ASP:HB3	17	0.16
(3,778)	1:101:A:ILE:HD12	1:118:A:ASP:HB3	17	0.16
(3,778)	1:101:A:ILE:HD13	1:118:A:ASP:HB3	17	0.16
(3,749)	1:45:A:ALA:H	1:46:A:ASN:HD21	11	0.16
(3,732)	1:115:A:ALA:HB1	1:116:A:GLN:HE21	19	0.16
(3,732)	1:115:A:ALA:HB2	1:116:A:GLN:HE21	19	0.16
(3,732)	1:115:A:ALA:HB3	1:116:A:GLN:HE21	19	0.16
(3,564)	1:116:A:GLN:H	1:116:A:GLN:HE22	6	0.16
(3,509)	1:97:A:ASP:HA	1:105:A:LYS:H	16	0.16
(3,491)	1:79:A:THR:H	1:79:A:THR:HG21	7	0.16
(3,491)	1:79:A:THR:H	1:79:A:THR:HG22	7	0.16
(3,491)	1:79:A:THR:H	1:79:A:THR:HG23	7	0.16
(3,478)	1:103:A:ARG:H	1:103:A:ARG:HG2	17	0.16
(3,478)	1:103:A:ARG:H	1:103:A:ARG:HG3	17	0.16
(3,441)	1:143:A:TRP:H	1:144:A:LEU:HD21	5	0.16
(3,441)	1:143:A:TRP:H	1:144:A:LEU:HD22	5	0.16
(3,441)	1:143:A:TRP:H	1:144:A:LEU:HD23	5	0.16
(3,399)	1:105:A:LYS:HG3	1:106:A:ASP:H	12	0.16
(3,379)	1:40:A:LEU:HB2	1:41:A:LYS:H	14	0.16
(3,375)	1:41:A:LYS:H	1:44:A:GLU:HB2	7	0.16
(3,375)	1:41:A:LYS:H	1:44:A:GLU:HB3	7	0.16
(3,292)	1:121:A:VAL:H	1:123:A:CYS:H	2	0.16
(3,285)	1:50:A:ALA:H	1:52:A:CYS:H	11	0.16
(3,272)	1:112:A:GLN:H	1:112:A:GLN:HE21	11	0.16
(3,230)	1:44:A:GLU:HG3	1:48:A:ARG:H	16	0.16
(3,229)	1:10:A:ASN:H	1:10:A:ASN:HB2	5	0.16
(3,115)	1:22:A:ASP:H	1:23:A:LEU:HB2	15	0.16
(3,115)	1:22:A:ASP:H	1:23:A:LEU:HB3	15	0.16
(3,58)	1:11:A:ILE:HD11	1:47:A:ALA:H	4	0.16
(3,58)	1:11:A:ILE:HD12	1:47:A:ALA:H	4	0.16
(3,58)	1:11:A:ILE:HD13	1:47:A:ALA:H	4	0.16
(2,2470)	1:142:A:LYS:HG2	1:143:A:TRP:HE1	10	0.16
(2,2470)	1:142:A:LYS:HG3	1:143:A:TRP:HE1	10	0.16
(2,2449)	1:139:A:LEU:HD11	1:142:A:LYS:HA	5	0.16
(2,2449)	1:139:A:LEU:HD12	1:142:A:LYS:HA	5	0.16
(2,2449)	1:139:A:LEU:HD13	1:142:A:LYS:HA	5	0.16
(2,2449)	1:139:A:LEU:HD21	1:142:A:LYS:HA	5	0.16
(2,2449)	1:139:A:LEU:HD22	1:142:A:LYS:HA	5	0.16
(2,2449)	1:139:A:LEU:HD23	1:142:A:LYS:HA	5	0.16
(2,2449)	1:139:A:LEU:HD11	1:142:A:LYS:HA	19	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2449)	1:139:A:LEU:HD12	1:142:A:LYS:HA	19	0.16
(2,2449)	1:139:A:LEU:HD13	1:142:A:LYS:HA	19	0.16
(2,2449)	1:139:A:LEU:HD21	1:142:A:LYS:HA	19	0.16
(2,2449)	1:139:A:LEU:HD22	1:142:A:LYS:HA	19	0.16
(2,2449)	1:139:A:LEU:HD23	1:142:A:LYS:HA	19	0.16
(2,2322)	1:100:A:ALA:HA	1:119:A:LEU:HD11	5	0.16
(2,2322)	1:100:A:ALA:HA	1:119:A:LEU:HD12	5	0.16
(2,2322)	1:100:A:ALA:HA	1:119:A:LEU:HD13	5	0.16
(2,2322)	1:100:A:ALA:HA	1:119:A:LEU:HD21	5	0.16
(2,2322)	1:100:A:ALA:HA	1:119:A:LEU:HD22	5	0.16
(2,2322)	1:100:A:ALA:HA	1:119:A:LEU:HD23	5	0.16
(2,2312)	1:97:A:ASP:HA	1:105:A:LYS:HG2	1	0.16
(2,2312)	1:97:A:ASP:HA	1:105:A:LYS:HG3	1	0.16
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD11	6	0.16
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD12	6	0.16
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD13	6	0.16
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD21	6	0.16
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD22	6	0.16
(2,2106)	1:37:A:LEU:HA	1:40:A:LEU:HD23	6	0.16
(2,2105)	1:37:A:LEU:HA	1:39:A:VAL:HG11	16	0.16
(2,2105)	1:37:A:LEU:HA	1:39:A:VAL:HG12	16	0.16
(2,2105)	1:37:A:LEU:HA	1:39:A:VAL:HG13	16	0.16
(2,2105)	1:37:A:LEU:HA	1:39:A:VAL:HG21	16	0.16
(2,2105)	1:37:A:LEU:HA	1:39:A:VAL:HG22	16	0.16
(2,2105)	1:37:A:LEU:HA	1:39:A:VAL:HG23	16	0.16
(2,2090)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	6	0.16
(2,2090)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	6	0.16
(2,2090)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	6	0.16
(2,2090)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	6	0.16
(2,2090)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	6	0.16
(2,2090)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	6	0.16
(2,2090)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	18	0.16
(2,2090)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	18	0.16
(2,2090)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	18	0.16
(2,2090)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	18	0.16
(2,2090)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	18	0.16
(2,2090)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	18	0.16
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	5	0.16
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	5	0.16
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	5	0.16
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	5	0.16
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	5	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	5	0.16
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	5	0.16
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	5	0.16
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	5	0.16
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	5	0.16
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	5	0.16
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	5	0.16
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD11	19	0.16
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD12	19	0.16
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD13	19	0.16
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD21	19	0.16
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD22	19	0.16
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD23	19	0.16
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE1	2	0.16
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE2	2	0.16
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE3	2	0.16
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE1	2	0.16
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE2	2	0.16
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE3	2	0.16
(2,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD11	19	0.16
(2,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD12	19	0.16
(2,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD13	19	0.16
(2,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD21	19	0.16
(2,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD22	19	0.16
(2,1988)	1:12:A:VAL:HA	1:40:A:LEU:HD23	19	0.16
(2,1979)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	5	0.16
(2,1979)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	5	0.16
(2,1976)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	15	0.16
(2,1976)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	15	0.16
(2,1976)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	15	0.16
(2,1976)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	15	0.16
(2,1976)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	15	0.16
(2,1976)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	15	0.16
(2,1955)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	16	0.16
(2,1955)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	16	0.16
(2,1955)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	16	0.16
(2,1955)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	16	0.16
(2,1955)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	16	0.16
(2,1955)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	16	0.16
(2,1907)	1:68:A:LYS:HA	1:72:A:PHE:HE1	11	0.16
(2,1907)	1:68:A:LYS:HA	1:72:A:PHE:HE2	11	0.16
(2,1902)	1:71:A:LYS:HA	1:72:A:PHE:HD1	6	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1902)	1:71:A:LYS:HA	1:72:A:PHE:HD2	6	0.16
(2,1880)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	6	0.16
(2,1880)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	6	0.16
(2,1768)	1:36:A:PRO:HA	1:37:A:LEU:HG	4	0.16
(2,1768)	1:36:A:PRO:HA	1:37:A:LEU:HG	14	0.16
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE1	4	0.16
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE2	4	0.16
(2,1714)	1:17:A:ASN:H	1:43:A:MET:HE3	4	0.16
(2,1701)	1:69:A:MET:HA	1:109:A:PRO:HA	2	0.16
(2,1665)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	16	0.16
(2,1665)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	16	0.16
(2,1665)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	16	0.16
(2,1665)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	16	0.16
(2,1665)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	16	0.16
(2,1665)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	16	0.16
(2,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	16	0.16
(2,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	16	0.16
(2,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	16	0.16
(2,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	16	0.16
(2,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	16	0.16
(2,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	16	0.16
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	1	0.16
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	1	0.16
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	1	0.16
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	1	0.16
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	1	0.16
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	1	0.16
(2,1586)	1:61:A:SER:HA	1:63:A:ILE:HD11	13	0.16
(2,1586)	1:61:A:SER:HA	1:63:A:ILE:HD12	13	0.16
(2,1586)	1:61:A:SER:HA	1:63:A:ILE:HD13	13	0.16
(2,1562)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	8	0.16
(2,1562)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	8	0.16
(2,1562)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	8	0.16
(2,1550)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	1	0.16
(2,1550)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	1	0.16
(2,1550)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	1	0.16
(2,1523)	1:69:A:MET:HE1	1:113:A:PHE:HD1	4	0.16
(2,1523)	1:69:A:MET:HE1	1:113:A:PHE:HD2	4	0.16
(2,1523)	1:69:A:MET:HE2	1:113:A:PHE:HD1	4	0.16
(2,1523)	1:69:A:MET:HE2	1:113:A:PHE:HD2	4	0.16
(2,1523)	1:69:A:MET:HE3	1:113:A:PHE:HD1	4	0.16
(2,1523)	1:69:A:MET:HE3	1:113:A:PHE:HD2	4	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1522)	1:110:A:MET:HE1	1:113:A:PHE:HE1	11	0.16
(2,1522)	1:110:A:MET:HE1	1:113:A:PHE:HE2	11	0.16
(2,1522)	1:110:A:MET:HE2	1:113:A:PHE:HE1	11	0.16
(2,1522)	1:110:A:MET:HE2	1:113:A:PHE:HE2	11	0.16
(2,1522)	1:110:A:MET:HE3	1:113:A:PHE:HE1	11	0.16
(2,1522)	1:110:A:MET:HE3	1:113:A:PHE:HE2	11	0.16
(2,1519)	1:69:A:MET:HE1	1:115:A:ALA:H	6	0.16
(2,1519)	1:69:A:MET:HE2	1:115:A:ALA:H	6	0.16
(2,1519)	1:69:A:MET:HE3	1:115:A:ALA:H	6	0.16
(2,1503)	1:15:A:ALA:H	1:43:A:MET:HE1	18	0.16
(2,1503)	1:15:A:ALA:H	1:43:A:MET:HE2	18	0.16
(2,1503)	1:15:A:ALA:H	1:43:A:MET:HE3	18	0.16
(2,1500)	1:114:A:ILE:HG21	1:117:A:VAL:HB	1	0.16
(2,1500)	1:114:A:ILE:HG22	1:117:A:VAL:HB	1	0.16
(2,1500)	1:114:A:ILE:HG23	1:117:A:VAL:HB	1	0.16
(2,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	9	0.16
(2,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	9	0.16
(2,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	9	0.16
(2,1434)	1:121:A:VAL:HG21	1:122:A:ASP:H	6	0.16
(2,1434)	1:121:A:VAL:HG22	1:122:A:ASP:H	6	0.16
(2,1434)	1:121:A:VAL:HG23	1:122:A:ASP:H	6	0.16
(2,1415)	1:100:A:ALA:HB1	1:119:A:LEU:HD11	6	0.16
(2,1415)	1:100:A:ALA:HB1	1:119:A:LEU:HD12	6	0.16
(2,1415)	1:100:A:ALA:HB1	1:119:A:LEU:HD13	6	0.16
(2,1415)	1:100:A:ALA:HB2	1:119:A:LEU:HD11	6	0.16
(2,1415)	1:100:A:ALA:HB2	1:119:A:LEU:HD12	6	0.16
(2,1415)	1:100:A:ALA:HB2	1:119:A:LEU:HD13	6	0.16
(2,1415)	1:100:A:ALA:HB3	1:119:A:LEU:HD11	6	0.16
(2,1415)	1:100:A:ALA:HB3	1:119:A:LEU:HD12	6	0.16
(2,1415)	1:100:A:ALA:HB3	1:119:A:LEU:HD13	6	0.16
(2,1388)	1:49:A:LYS:H	1:50:A:ALA:HA	5	0.16
(2,1388)	1:49:A:LYS:H	1:50:A:ALA:HA	8	0.16
(2,1361)	1:121:A:VAL:H	1:121:A:VAL:HG11	12	0.16
(2,1361)	1:121:A:VAL:H	1:121:A:VAL:HG12	12	0.16
(2,1361)	1:121:A:VAL:H	1:121:A:VAL:HG13	12	0.16
(2,1354)	1:73:A:ILE:HB	1:76:A:ARG:HA	9	0.16
(2,1354)	1:73:A:ILE:HB	1:76:A:ARG:HA	10	0.16
(2,1290)	1:128:A:LEU:H	1:128:A:LEU:HD21	11	0.16
(2,1290)	1:128:A:LEU:H	1:128:A:LEU:HD22	11	0.16
(2,1290)	1:128:A:LEU:H	1:128:A:LEU:HD23	11	0.16
(2,1255)	1:23:A:LEU:HA	1:23:A:LEU:HD11	3	0.16
(2,1255)	1:23:A:LEU:HA	1:23:A:LEU:HD12	3	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1255)	1:23:A:LEU:HA	1:23:A:LEU:HD13	3	0.16
(2,986)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	1	0.16
(2,986)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	10	0.16
(2,968)	1:47:A:ALA:HB1	1:134:A:VAL:HB	3	0.16
(2,968)	1:47:A:ALA:HB2	1:134:A:VAL:HB	3	0.16
(2,968)	1:47:A:ALA:HB3	1:134:A:VAL:HB	3	0.16
(2,945)	1:11:A:ILE:HG21	1:43:A:MET:HG2	3	0.16
(2,945)	1:11:A:ILE:HG22	1:43:A:MET:HG2	3	0.16
(2,945)	1:11:A:ILE:HG23	1:43:A:MET:HG2	3	0.16
(2,940)	1:40:A:LEU:HA	1:43:A:MET:HG2	14	0.16
(2,880)	1:117:A:VAL:HG11	1:118:A:ASP:HB2	15	0.16
(2,880)	1:117:A:VAL:HG12	1:118:A:ASP:HB2	15	0.16
(2,880)	1:117:A:VAL:HG13	1:118:A:ASP:HB2	15	0.16
(2,843)	1:49:A:LYS:HA	1:49:A:LYS:HE2	13	0.16
(2,843)	1:49:A:LYS:HA	1:49:A:LYS:HE3	13	0.16
(2,842)	1:68:A:LYS:HA	1:68:A:LYS:HE2	15	0.16
(2,842)	1:68:A:LYS:HA	1:68:A:LYS:HE3	15	0.16
(2,809)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	19	0.16
(2,809)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	19	0.16
(2,809)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	19	0.16
(2,809)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	19	0.16
(2,809)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	19	0.16
(2,809)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	19	0.16
(2,798)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	15	0.16
(2,798)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	15	0.16
(2,798)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	15	0.16
(2,798)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	15	0.16
(2,798)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	15	0.16
(2,798)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	15	0.16
(2,785)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	6	0.16
(2,785)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	6	0.16
(2,785)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	6	0.16
(2,785)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	6	0.16
(2,785)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	6	0.16
(2,785)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	6	0.16
(2,785)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	9	0.16
(2,785)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	9	0.16
(2,785)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	9	0.16
(2,785)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	9	0.16
(2,785)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	9	0.16
(2,785)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	9	0.16
(2,779)	1:11:A:ILE:HA	1:11:A:ILE:HD11	13	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,779)	1:11:A:ILE:HA	1:11:A:ILE:HD12	13	0.16
(2,779)	1:11:A:ILE:HA	1:11:A:ILE:HD13	13	0.16
(2,756)	1:53:A:THR:H	1:53:A:THR:HG21	3	0.16
(2,756)	1:53:A:THR:H	1:53:A:THR:HG22	3	0.16
(2,756)	1:53:A:THR:H	1:53:A:THR:HG23	3	0.16
(2,736)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	13	0.16
(2,731)	1:45:A:ALA:H	1:46:A:ASN:HD21	11	0.16
(2,661)	1:108:A:GLU:H	1:112:A:GLN:H	3	0.16
(2,661)	1:108:A:GLU:H	1:112:A:GLN:H	18	0.16
(2,642)	1:66:A:THR:H	1:69:A:MET:HA	7	0.16
(2,629)	1:14:A:VAL:HB	1:15:A:ALA:H	14	0.16
(2,622)	1:40:A:LEU:H	1:43:A:MET:HG3	16	0.16
(2,552)	1:124:A:THR:H	1:128:A:LEU:HD11	9	0.16
(2,552)	1:124:A:THR:H	1:128:A:LEU:HD12	9	0.16
(2,552)	1:124:A:THR:H	1:128:A:LEU:HD13	9	0.16
(2,509)	1:70:A:LYS:HE2	1:71:A:LYS:H	19	0.16
(2,509)	1:70:A:LYS:HE3	1:71:A:LYS:H	19	0.16
(2,504)	1:97:A:ASP:HA	1:105:A:LYS:H	16	0.16
(2,486)	1:98:A:ILE:H	1:105:A:LYS:H	6	0.16
(2,436)	1:143:A:TRP:H	1:144:A:LEU:HD21	5	0.16
(2,436)	1:143:A:TRP:H	1:144:A:LEU:HD22	5	0.16
(2,436)	1:143:A:TRP:H	1:144:A:LEU:HD23	5	0.16
(2,393)	1:105:A:LYS:HG3	1:106:A:ASP:H	12	0.16
(2,351)	1:104:A:PHE:H	1:106:A:ASP:H	17	0.16
(2,324)	1:129:A:LYS:H	1:129:A:LYS:HG2	19	0.16
(2,309)	1:46:A:ASN:H	1:47:A:ALA:HB1	18	0.16
(2,309)	1:46:A:ASN:H	1:47:A:ALA:HB2	18	0.16
(2,309)	1:46:A:ASN:H	1:47:A:ALA:HB3	18	0.16
(2,282)	1:50:A:ALA:H	1:52:A:CYS:H	11	0.16
(2,228)	1:10:A:ASN:H	1:10:A:ASN:HB2	5	0.16
(2,190)	1:44:A:GLU:H	1:44:A:GLU:HG3	9	0.16
(2,190)	1:44:A:GLU:H	1:44:A:GLU:HG2	9	0.16
(2,169)	1:116:A:GLN:HA	1:120:A:CYS:H	2	0.16
(2,112)	1:22:A:ASP:H	1:23:A:LEU:HB2	15	0.16
(2,112)	1:22:A:ASP:H	1:23:A:LEU:HB3	15	0.16
(2,89)	1:96:A:VAL:H	1:97:A:ASP:H	14	0.16
(2,68)	1:79:A:THR:HG21	1:81:A:GLU:H	18	0.16
(2,68)	1:79:A:THR:HG22	1:81:A:GLU:H	18	0.16
(2,68)	1:79:A:THR:HG23	1:81:A:GLU:H	18	0.16
(2,38)	1:43:A:MET:HA	1:47:A:ALA:H	19	0.16
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD11	14	0.16
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD12	14	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD13	14	0.16
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD21	14	0.16
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD22	14	0.16
(1,2430)	1:140:A:LEU:HB3	1:144:A:LEU:HD23	14	0.16
(1,2428)	1:140:A:LEU:H	1:140:A:LEU:HD11	4	0.16
(1,2428)	1:140:A:LEU:H	1:140:A:LEU:HD12	4	0.16
(1,2428)	1:140:A:LEU:H	1:140:A:LEU:HD13	4	0.16
(1,2428)	1:140:A:LEU:H	1:140:A:LEU:HD21	4	0.16
(1,2428)	1:140:A:LEU:H	1:140:A:LEU:HD22	4	0.16
(1,2428)	1:140:A:LEU:H	1:140:A:LEU:HD23	4	0.16
(1,2371)	1:126:A:GLY:H	1:128:A:LEU:HD11	5	0.16
(1,2371)	1:126:A:GLY:H	1:128:A:LEU:HD12	5	0.16
(1,2371)	1:126:A:GLY:H	1:128:A:LEU:HD13	5	0.16
(1,2371)	1:126:A:GLY:H	1:128:A:LEU:HD21	5	0.16
(1,2371)	1:126:A:GLY:H	1:128:A:LEU:HD22	5	0.16
(1,2371)	1:126:A:GLY:H	1:128:A:LEU:HD23	5	0.16
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD11	9	0.16
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD12	9	0.16
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD13	9	0.16
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD21	9	0.16
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD22	9	0.16
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD23	9	0.16
(1,2271)	1:97:A:ASP:HA	1:105:A:LYS:HG2	1	0.16
(1,2271)	1:97:A:ASP:HA	1:105:A:LYS:HG3	1	0.16
(1,2255)	1:81:A:GLU:H	1:81:A:GLU:HB2	10	0.16
(1,2255)	1:81:A:GLU:H	1:81:A:GLU:HB3	10	0.16
(1,2210)	1:65:A:CYS:HB2	1:70:A:LYS:HA	1	0.16
(1,2210)	1:65:A:CYS:HB3	1:70:A:LYS:HA	1	0.16
(1,2207)	1:65:A:CYS:HB2	1:69:A:MET:HG2	9	0.16
(1,2207)	1:65:A:CYS:HB2	1:69:A:MET:HG3	9	0.16
(1,2207)	1:65:A:CYS:HB3	1:69:A:MET:HG2	9	0.16
(1,2207)	1:65:A:CYS:HB3	1:69:A:MET:HG3	9	0.16
(1,2207)	1:65:A:CYS:HB2	1:69:A:MET:HG2	11	0.16
(1,2207)	1:65:A:CYS:HB2	1:69:A:MET:HG3	11	0.16
(1,2207)	1:65:A:CYS:HB3	1:69:A:MET:HG2	11	0.16
(1,2207)	1:65:A:CYS:HB3	1:69:A:MET:HG3	11	0.16
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	9	0.16
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	9	0.16
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	9	0.16
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	9	0.16
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	9	0.16
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	9	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2181)	1:59:A:CYS:H	1:60:A:LEU:HD11	5	0.16
(1,2181)	1:59:A:CYS:H	1:60:A:LEU:HD12	5	0.16
(1,2181)	1:59:A:CYS:H	1:60:A:LEU:HD13	5	0.16
(1,2181)	1:59:A:CYS:H	1:60:A:LEU:HD21	5	0.16
(1,2181)	1:59:A:CYS:H	1:60:A:LEU:HD22	5	0.16
(1,2181)	1:59:A:CYS:H	1:60:A:LEU:HD23	5	0.16
(1,2112)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	19	0.16
(1,2112)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	19	0.16
(1,2112)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	19	0.16
(1,2112)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	19	0.16
(1,2112)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	19	0.16
(1,2112)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	19	0.16
(1,2062)	1:35:A:LEU:HA	1:39:A:VAL:HG11	3	0.16
(1,2062)	1:35:A:LEU:HA	1:39:A:VAL:HG12	3	0.16
(1,2062)	1:35:A:LEU:HA	1:39:A:VAL:HG13	3	0.16
(1,2062)	1:35:A:LEU:HA	1:39:A:VAL:HG21	3	0.16
(1,2062)	1:35:A:LEU:HA	1:39:A:VAL:HG22	3	0.16
(1,2062)	1:35:A:LEU:HA	1:39:A:VAL:HG23	3	0.16
(1,1986)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	8	0.16
(1,1986)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	8	0.16
(1,1986)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	8	0.16
(1,1986)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	8	0.16
(1,1986)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	8	0.16
(1,1986)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	8	0.16
(1,1986)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	8	0.16
(1,1986)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	8	0.16
(1,1986)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	8	0.16
(1,1986)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	8	0.16
(1,1986)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	8	0.16
(1,1986)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	8	0.16
(1,1986)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	8	0.16
(1,1986)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	8	0.16
(1,1986)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	8	0.16
(1,1986)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	8	0.16
(1,1986)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	8	0.16
(1,1986)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	8	0.16
(1,1986)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	18	0.16
(1,1986)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	18	0.16
(1,1986)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	18	0.16
(1,1986)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	18	0.16
(1,1986)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	18	0.16
(1,1986)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	18	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1986)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	18	0.16
(1,1986)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	18	0.16
(1,1986)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	18	0.16
(1,1986)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	18	0.16
(1,1986)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	18	0.16
(1,1986)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	18	0.16
(1,1986)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	18	0.16
(1,1986)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	18	0.16
(1,1986)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	18	0.16
(1,1986)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	18	0.16
(1,1986)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	18	0.16
(1,1986)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	18	0.16
(1,1962)	1:13:A:ALA:HB1	1:16:A:SER:HB2	12	0.16
(1,1962)	1:13:A:ALA:HB1	1:16:A:SER:HB3	12	0.16
(1,1962)	1:13:A:ALA:HB2	1:16:A:SER:HB2	12	0.16
(1,1962)	1:13:A:ALA:HB2	1:16:A:SER:HB3	12	0.16
(1,1962)	1:13:A:ALA:HB3	1:16:A:SER:HB2	12	0.16
(1,1962)	1:13:A:ALA:HB3	1:16:A:SER:HB3	12	0.16
(1,1958)	1:12:A:VAL:HA	1:40:A:LEU:HD11	19	0.16
(1,1958)	1:12:A:VAL:HA	1:40:A:LEU:HD12	19	0.16
(1,1958)	1:12:A:VAL:HA	1:40:A:LEU:HD13	19	0.16
(1,1958)	1:12:A:VAL:HA	1:40:A:LEU:HD21	19	0.16
(1,1958)	1:12:A:VAL:HA	1:40:A:LEU:HD22	19	0.16
(1,1958)	1:12:A:VAL:HA	1:40:A:LEU:HD23	19	0.16
(1,1916)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	3	0.16
(1,1916)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	3	0.16
(1,1916)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	3	0.16
(1,1916)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	3	0.16
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE1	16	0.16
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE2	16	0.16
(1,1896)	1:68:A:LYS:HA	1:72:A:PHE:HE1	11	0.16
(1,1896)	1:68:A:LYS:HA	1:72:A:PHE:HE2	11	0.16
(1,1894)	1:18:A:PHE:HD1	1:131:A:LEU:HB3	16	0.16
(1,1894)	1:18:A:PHE:HD2	1:131:A:LEU:HB3	16	0.16
(1,1879)	1:113:A:PHE:HE1	1:114:A:ILE:HA	3	0.16
(1,1879)	1:113:A:PHE:HE2	1:114:A:ILE:HA	3	0.16
(1,1842)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	9	0.16
(1,1765)	1:36:A:PRO:HA	1:37:A:LEU:HG	4	0.16
(1,1765)	1:36:A:PRO:HA	1:37:A:LEU:HG	14	0.16
(1,1746)	1:98:A:ILE:HG21	1:102:A:PRO:HD3	3	0.16
(1,1746)	1:98:A:ILE:HG22	1:102:A:PRO:HD3	3	0.16
(1,1746)	1:98:A:ILE:HG23	1:102:A:PRO:HD3	3	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	5	0.16
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	5	0.16
(1,1661)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	5	0.16
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	5	0.16
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	5	0.16
(1,1661)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	5	0.16
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	5	0.16
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	5	0.16
(1,1661)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	5	0.16
(1,1623)	1:73:A:ILE:HG21	1:76:A:ARG:HE	18	0.16
(1,1623)	1:73:A:ILE:HG22	1:76:A:ARG:HE	18	0.16
(1,1623)	1:73:A:ILE:HG23	1:76:A:ARG:HE	18	0.16
(1,1603)	1:98:A:ILE:HG21	1:104:A:PHE:HE1	11	0.16
(1,1603)	1:98:A:ILE:HG21	1:104:A:PHE:HE2	11	0.16
(1,1603)	1:98:A:ILE:HG22	1:104:A:PHE:HE1	11	0.16
(1,1603)	1:98:A:ILE:HG22	1:104:A:PHE:HE2	11	0.16
(1,1603)	1:98:A:ILE:HG23	1:104:A:PHE:HE1	11	0.16
(1,1603)	1:98:A:ILE:HG23	1:104:A:PHE:HE2	11	0.16
(1,1524)	1:98:A:ILE:HG21	1:119:A:LEU:HG	12	0.16
(1,1524)	1:98:A:ILE:HG22	1:119:A:LEU:HG	12	0.16
(1,1524)	1:98:A:ILE:HG23	1:119:A:LEU:HG	12	0.16
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE1	14	0.16
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE2	14	0.16
(1,1511)	1:12:A:VAL:H	1:43:A:MET:HE3	14	0.16
(1,1510)	1:15:A:ALA:H	1:43:A:MET:HE1	18	0.16
(1,1510)	1:15:A:ALA:H	1:43:A:MET:HE2	18	0.16
(1,1510)	1:15:A:ALA:H	1:43:A:MET:HE3	18	0.16
(1,1507)	1:114:A:ILE:HG21	1:117:A:VAL:HB	1	0.16
(1,1507)	1:114:A:ILE:HG22	1:117:A:VAL:HB	1	0.16
(1,1507)	1:114:A:ILE:HG23	1:117:A:VAL:HB	1	0.16
(1,1480)	1:45:A:ALA:HB1	1:48:A:ARG:HD2	2	0.16
(1,1480)	1:45:A:ALA:HB1	1:48:A:ARG:HD3	2	0.16
(1,1480)	1:45:A:ALA:HB2	1:48:A:ARG:HD2	2	0.16
(1,1480)	1:45:A:ALA:HB2	1:48:A:ARG:HD3	2	0.16
(1,1480)	1:45:A:ALA:HB3	1:48:A:ARG:HD2	2	0.16
(1,1480)	1:45:A:ALA:HB3	1:48:A:ARG:HD3	2	0.16
(1,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	9	0.16
(1,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	9	0.16
(1,1466)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	9	0.16
(1,1443)	1:101:A:ILE:HB	1:115:A:ALA:HB1	19	0.16
(1,1443)	1:101:A:ILE:HB	1:115:A:ALA:HB2	19	0.16
(1,1443)	1:101:A:ILE:HB	1:115:A:ALA:HB3	19	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1428)	1:149:A:ALA:HB1	1:150:A:THR:HG21	2	0.16
(1,1428)	1:149:A:ALA:HB1	1:150:A:THR:HG22	2	0.16
(1,1428)	1:149:A:ALA:HB1	1:150:A:THR:HG23	2	0.16
(1,1428)	1:149:A:ALA:HB2	1:150:A:THR:HG21	2	0.16
(1,1428)	1:149:A:ALA:HB2	1:150:A:THR:HG22	2	0.16
(1,1428)	1:149:A:ALA:HB2	1:150:A:THR:HG23	2	0.16
(1,1428)	1:149:A:ALA:HB3	1:150:A:THR:HG21	2	0.16
(1,1428)	1:149:A:ALA:HB3	1:150:A:THR:HG22	2	0.16
(1,1428)	1:149:A:ALA:HB3	1:150:A:THR:HG23	2	0.16
(1,1402)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	5	0.16
(1,1402)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	5	0.16
(1,1402)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	5	0.16
(1,1362)	1:119:A:LEU:HA	1:121:A:VAL:HG11	9	0.16
(1,1362)	1:119:A:LEU:HA	1:121:A:VAL:HG12	9	0.16
(1,1362)	1:119:A:LEU:HA	1:121:A:VAL:HG13	9	0.16
(1,1358)	1:121:A:VAL:H	1:121:A:VAL:HG11	12	0.16
(1,1358)	1:121:A:VAL:H	1:121:A:VAL:HG12	12	0.16
(1,1358)	1:121:A:VAL:H	1:121:A:VAL:HG13	12	0.16
(1,1339)	1:131:A:LEU:H	1:131:A:LEU:HD21	4	0.16
(1,1339)	1:131:A:LEU:H	1:131:A:LEU:HD22	4	0.16
(1,1339)	1:131:A:LEU:H	1:131:A:LEU:HD23	4	0.16
(1,1308)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	2	0.16
(1,1308)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	2	0.16
(1,1308)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	2	0.16
(1,1175)	1:140:A:LEU:H	1:140:A:LEU:HD21	4	0.16
(1,1175)	1:140:A:LEU:H	1:140:A:LEU:HD22	4	0.16
(1,1175)	1:140:A:LEU:H	1:140:A:LEU:HD23	4	0.16
(1,1100)	1:141:A:LYS:HA	1:149:A:ALA:HB1	16	0.16
(1,1100)	1:141:A:LYS:HA	1:149:A:ALA:HB2	16	0.16
(1,1100)	1:141:A:LYS:HA	1:149:A:ALA:HB3	16	0.16
(1,1095)	1:45:A:ALA:HA	1:48:A:ARG:HG2	4	0.16
(1,1095)	1:45:A:ALA:HA	1:48:A:ARG:HG3	4	0.16
(1,1011)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	1	0.16
(1,1011)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	1	0.16
(1,940)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	16	0.16
(1,940)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	16	0.16
(1,940)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	16	0.16
(1,936)	1:43:A:MET:HA	1:44:A:GLU:HG2	8	0.16
(1,877)	1:8:A:ASP:HB3	1:9:A:PHE:HD1	14	0.16
(1,877)	1:8:A:ASP:HB3	1:9:A:PHE:HD2	14	0.16
(1,877)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	14	0.16
(1,877)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	14	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,863)	1:49:A:LYS:HA	1:49:A:LYS:HE2	13	0.16
(1,863)	1:49:A:LYS:HA	1:49:A:LYS:HE3	13	0.16
(1,809)	1:63:A:ILE:HD11	1:117:A:VAL:HB	17	0.16
(1,809)	1:63:A:ILE:HD12	1:117:A:VAL:HB	17	0.16
(1,809)	1:63:A:ILE:HD13	1:117:A:VAL:HB	17	0.16
(1,803)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	2	0.16
(1,803)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	2	0.16
(1,803)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	2	0.16
(1,803)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	2	0.16
(1,803)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	2	0.16
(1,803)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	2	0.16
(1,803)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	9	0.16
(1,803)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	9	0.16
(1,803)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	9	0.16
(1,803)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	9	0.16
(1,803)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	9	0.16
(1,803)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	9	0.16
(1,798)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	3	0.16
(1,798)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	3	0.16
(1,798)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	3	0.16
(1,798)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	9	0.16
(1,798)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	9	0.16
(1,798)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	9	0.16
(1,774)	1:53:A:THR:H	1:53:A:THR:HG21	3	0.16
(1,774)	1:53:A:THR:H	1:53:A:THR:HG22	3	0.16
(1,774)	1:53:A:THR:H	1:53:A:THR:HG23	3	0.16
(1,742)	1:45:A:ALA:H	1:46:A:ASN:HD21	11	0.16
(1,730)	1:115:A:ALA:HB1	1:116:A:GLN:HE21	19	0.16
(1,730)	1:115:A:ALA:HB2	1:116:A:GLN:HE21	19	0.16
(1,730)	1:115:A:ALA:HB3	1:116:A:GLN:HE21	19	0.16
(1,724)	1:9:A:PHE:HD1	1:54:A:ARG:HE	14	0.16
(1,724)	1:9:A:PHE:HD2	1:54:A:ARG:HE	14	0.16
(1,707)	1:10:A:ASN:HD22	1:14:A:VAL:HB	1	0.16
(1,707)	1:10:A:ASN:HD22	1:14:A:VAL:HB	6	0.16
(1,695)	1:144:A:LEU:H	1:145:A:PRO:HB3	14	0.16
(1,650)	1:66:A:THR:H	1:69:A:MET:HA	7	0.16
(1,635)	1:14:A:VAL:HB	1:15:A:ALA:H	14	0.16
(1,621)	1:23:A:LEU:HD21	1:25:A:ALA:H	17	0.16
(1,621)	1:23:A:LEU:HD22	1:25:A:ALA:H	17	0.16
(1,621)	1:23:A:LEU:HD23	1:25:A:ALA:H	17	0.16
(1,567)	1:10:A:ASN:HD21	1:12:A:VAL:HG21	10	0.16
(1,567)	1:10:A:ASN:HD21	1:12:A:VAL:HG22	10	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,567)	1:10:A:ASN:HD21	1:12:A:VAL:HG23	10	0.16
(1,509)	1:97:A:ASP:HA	1:105:A:LYS:H	16	0.16
(1,436)	1:133:A:ASN:H	1:133:A:ASN:HB2	19	0.16
(1,315)	1:46:A:ASN:H	1:47:A:ALA:HB1	18	0.16
(1,315)	1:46:A:ASN:H	1:47:A:ALA:HB2	18	0.16
(1,315)	1:46:A:ASN:H	1:47:A:ALA:HB3	18	0.16
(1,293)	1:121:A:VAL:H	1:123:A:CYS:H	2	0.16
(1,287)	1:50:A:ALA:H	1:52:A:CYS:H	14	0.16
(1,240)	1:10:A:ASN:H	1:10:A:ASN:HB2	5	0.16
(1,221)	1:98:A:ILE:HD11	1:101:A:ILE:H	15	0.16
(1,221)	1:98:A:ILE:HD12	1:101:A:ILE:H	15	0.16
(1,221)	1:98:A:ILE:HD13	1:101:A:ILE:H	15	0.16
(1,169)	1:50:A:ALA:HB1	1:127:A:CYS:H	1	0.16
(1,169)	1:50:A:ALA:HB2	1:127:A:CYS:H	1	0.16
(1,169)	1:50:A:ALA:HB3	1:127:A:CYS:H	1	0.16
(1,124)	1:22:A:ASP:H	1:23:A:LEU:HB2	15	0.16
(1,124)	1:22:A:ASP:H	1:23:A:LEU:HB3	15	0.16
(1,72)	1:79:A:THR:HG21	1:81:A:GLU:H	18	0.16
(1,72)	1:79:A:THR:HG22	1:81:A:GLU:H	18	0.16
(1,72)	1:79:A:THR:HG23	1:81:A:GLU:H	18	0.16
(1,37)	1:96:A:VAL:H	1:97:A:ASP:HB2	6	0.16
(1,37)	1:96:A:VAL:H	1:97:A:ASP:HB3	6	0.16
(34,2349)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	16	0.15
(34,2349)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	16	0.15
(34,2349)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	16	0.15
(34,2349)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	16	0.15
(34,2330)	1:107:A:LEU:HA	1:108:A:GLU:HG2	17	0.15
(34,2330)	1:107:A:LEU:HA	1:108:A:GLU:HG3	17	0.15
(34,2287)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	4	0.15
(34,2287)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	4	0.15
(34,2287)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	4	0.15
(34,2287)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	4	0.15
(34,2287)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	4	0.15
(34,2287)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	4	0.15
(34,2287)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	4	0.15
(34,2287)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	4	0.15
(34,2287)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	4	0.15
(34,2287)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	4	0.15
(34,2287)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	4	0.15
(34,2287)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	4	0.15
(34,2264)	1:74:A:PRO:HA	1:77:A:CYS:HB2	1	0.15
(34,2264)	1:74:A:PRO:HA	1:77:A:CYS:HB3	1	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2257)	1:72:A:PHE:HA	1:109:A:PRO:HG2	7	0.15
(34,2257)	1:72:A:PHE:HA	1:109:A:PRO:HG3	7	0.15
(34,2171)	1:47:A:ALA:HB1	1:131:A:LEU:HD11	10	0.15
(34,2171)	1:47:A:ALA:HB1	1:131:A:LEU:HD12	10	0.15
(34,2171)	1:47:A:ALA:HB1	1:131:A:LEU:HD13	10	0.15
(34,2171)	1:47:A:ALA:HB1	1:131:A:LEU:HD21	10	0.15
(34,2171)	1:47:A:ALA:HB1	1:131:A:LEU:HD22	10	0.15
(34,2171)	1:47:A:ALA:HB1	1:131:A:LEU:HD23	10	0.15
(34,2171)	1:47:A:ALA:HB2	1:131:A:LEU:HD11	10	0.15
(34,2171)	1:47:A:ALA:HB2	1:131:A:LEU:HD12	10	0.15
(34,2171)	1:47:A:ALA:HB2	1:131:A:LEU:HD13	10	0.15
(34,2171)	1:47:A:ALA:HB2	1:131:A:LEU:HD21	10	0.15
(34,2171)	1:47:A:ALA:HB2	1:131:A:LEU:HD22	10	0.15
(34,2171)	1:47:A:ALA:HB2	1:131:A:LEU:HD23	10	0.15
(34,2171)	1:47:A:ALA:HB3	1:131:A:LEU:HD11	10	0.15
(34,2171)	1:47:A:ALA:HB3	1:131:A:LEU:HD12	10	0.15
(34,2171)	1:47:A:ALA:HB3	1:131:A:LEU:HD13	10	0.15
(34,2171)	1:47:A:ALA:HB3	1:131:A:LEU:HD21	10	0.15
(34,2171)	1:47:A:ALA:HB3	1:131:A:LEU:HD22	10	0.15
(34,2171)	1:47:A:ALA:HB3	1:131:A:LEU:HD23	10	0.15
(34,2140)	1:40:A:LEU:HD11	1:44:A:GLU:H	3	0.15
(34,2140)	1:40:A:LEU:HD12	1:44:A:GLU:H	3	0.15
(34,2140)	1:40:A:LEU:HD13	1:44:A:GLU:H	3	0.15
(34,2140)	1:40:A:LEU:HD21	1:44:A:GLU:H	3	0.15
(34,2140)	1:40:A:LEU:HD22	1:44:A:GLU:H	3	0.15
(34,2140)	1:40:A:LEU:HD23	1:44:A:GLU:H	3	0.15
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	8	0.15
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	8	0.15
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	8	0.15
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	8	0.15
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	8	0.15
(34,2029)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	8	0.15
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	8	0.15
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	8	0.15
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	8	0.15
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	8	0.15
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	8	0.15
(34,2029)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	8	0.15
(34,1982)	1:12:A:VAL:HG11	1:81:A:GLU:H	5	0.15
(34,1982)	1:12:A:VAL:HG12	1:81:A:GLU:H	5	0.15
(34,1982)	1:12:A:VAL:HG13	1:81:A:GLU:H	5	0.15
(34,1982)	1:12:A:VAL:HG21	1:81:A:GLU:H	5	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1982)	1:12:A:VAL:HG22	1:81:A:GLU:H	5	0.15
(34,1982)	1:12:A:VAL:HG23	1:81:A:GLU:H	5	0.15
(34,1980)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	9	0.15
(34,1980)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	9	0.15
(34,1980)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	9	0.15
(34,1980)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	9	0.15
(34,1980)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	9	0.15
(34,1980)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	9	0.15
(34,1980)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	9	0.15
(34,1980)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	9	0.15
(34,1980)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	9	0.15
(34,1980)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	9	0.15
(34,1980)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	9	0.15
(34,1980)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	9	0.15
(34,1921)	1:58:A:ILE:HA	1:62:A:HIS:HE1	13	0.15
(34,1899)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	10	0.15
(34,1899)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	10	0.15
(34,1899)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	10	0.15
(34,1892)	1:104:A:PHE:HE1	1:115:A:ALA:H	13	0.15
(34,1892)	1:104:A:PHE:HE2	1:115:A:ALA:H	13	0.15
(34,1855)	1:79:A:THR:HB	1:80:A:TYR:HE1	4	0.15
(34,1855)	1:79:A:THR:HB	1:80:A:TYR:HE2	4	0.15
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	17	0.15
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	17	0.15
(34,1829)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	17	0.15
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	17	0.15
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	17	0.15
(34,1829)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	17	0.15
(34,1817)	1:104:A:PHE:HE1	1:105:A:LYS:HA	9	0.15
(34,1817)	1:104:A:PHE:HE2	1:105:A:LYS:HA	9	0.15
(34,1799)	1:80:A:TYR:HD1	1:81:A:GLU:HG2	16	0.15
(34,1799)	1:80:A:TYR:HD1	1:81:A:GLU:HG3	16	0.15
(34,1799)	1:80:A:TYR:HD2	1:81:A:GLU:HG2	16	0.15
(34,1799)	1:80:A:TYR:HD2	1:81:A:GLU:HG3	16	0.15
(34,1796)	1:13:A:ALA:H	1:80:A:TYR:HD1	6	0.15
(34,1796)	1:13:A:ALA:H	1:80:A:TYR:HD2	6	0.15
(34,1772)	1:141:A:LYS:HA	1:144:A:LEU:HD21	4	0.15
(34,1772)	1:141:A:LYS:HA	1:144:A:LEU:HD22	4	0.15
(34,1772)	1:141:A:LYS:HA	1:144:A:LEU:HD23	4	0.15
(34,1734)	1:21:A:THR:HG21	1:24:A:ASP:HB2	17	0.15
(34,1734)	1:21:A:THR:HG21	1:24:A:ASP:HB3	17	0.15
(34,1734)	1:21:A:THR:HG22	1:24:A:ASP:HB2	17	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1734)	1:21:A:THR:HG22	1:24:A:ASP:HB3	17	0.15
(34,1734)	1:21:A:THR:HG23	1:24:A:ASP:HB2	17	0.15
(34,1734)	1:21:A:THR:HG23	1:24:A:ASP:HB3	17	0.15
(34,1688)	1:125:A:THR:HA	1:128:A:LEU:HA	6	0.15
(34,1688)	1:125:A:THR:HA	1:128:A:LEU:HA	8	0.15
(34,1681)	1:107:A:LEU:H	1:111:A:GLU:HB2	13	0.15
(34,1681)	1:107:A:LEU:H	1:111:A:GLU:HB3	13	0.15
(34,1635)	1:149:A:ALA:HB1	1:151:A:PHE:HA	7	0.15
(34,1635)	1:149:A:ALA:HB2	1:151:A:PHE:HA	7	0.15
(34,1635)	1:149:A:ALA:HB3	1:151:A:PHE:HA	7	0.15
(34,1588)	1:11:A:ILE:HG21	1:11:A:ILE:HD11	14	0.15
(34,1588)	1:11:A:ILE:HG21	1:11:A:ILE:HD12	14	0.15
(34,1588)	1:11:A:ILE:HG21	1:11:A:ILE:HD13	14	0.15
(34,1588)	1:11:A:ILE:HG22	1:11:A:ILE:HD11	14	0.15
(34,1588)	1:11:A:ILE:HG22	1:11:A:ILE:HD12	14	0.15
(34,1588)	1:11:A:ILE:HG22	1:11:A:ILE:HD13	14	0.15
(34,1588)	1:11:A:ILE:HG23	1:11:A:ILE:HD11	14	0.15
(34,1588)	1:11:A:ILE:HG23	1:11:A:ILE:HD12	14	0.15
(34,1588)	1:11:A:ILE:HG23	1:11:A:ILE:HD13	14	0.15
(34,1568)	1:40:A:LEU:HD21	1:43:A:MET:H	3	0.15
(34,1568)	1:40:A:LEU:HD22	1:43:A:MET:H	3	0.15
(34,1568)	1:40:A:LEU:HD23	1:43:A:MET:H	3	0.15
(34,1540)	1:110:A:MET:HE1	1:113:A:PHE:HA	10	0.15
(34,1540)	1:110:A:MET:HE2	1:113:A:PHE:HA	10	0.15
(34,1540)	1:110:A:MET:HE3	1:113:A:PHE:HA	10	0.15
(34,1525)	1:43:A:MET:HB2	1:43:A:MET:HE1	18	0.15
(34,1525)	1:43:A:MET:HB2	1:43:A:MET:HE2	18	0.15
(34,1525)	1:43:A:MET:HB2	1:43:A:MET:HE3	18	0.15
(34,1525)	1:43:A:MET:HB3	1:43:A:MET:HE1	18	0.15
(34,1525)	1:43:A:MET:HB3	1:43:A:MET:HE2	18	0.15
(34,1525)	1:43:A:MET:HB3	1:43:A:MET:HE3	18	0.15
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE1	5	0.15
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE2	5	0.15
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE3	5	0.15
(34,1516)	1:43:A:MET:H	1:43:A:MET:HE1	13	0.15
(34,1516)	1:43:A:MET:H	1:43:A:MET:HE2	13	0.15
(34,1516)	1:43:A:MET:H	1:43:A:MET:HE3	13	0.15
(34,1445)	1:119:A:LEU:HA	1:121:A:VAL:HG21	15	0.15
(34,1445)	1:119:A:LEU:HA	1:121:A:VAL:HG22	15	0.15
(34,1445)	1:119:A:LEU:HA	1:121:A:VAL:HG23	15	0.15
(34,1422)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	5	0.15
(34,1422)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	5	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1422)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	5	0.15
(34,1376)	1:121:A:VAL:H	1:121:A:VAL:HG11	17	0.15
(34,1376)	1:121:A:VAL:H	1:121:A:VAL:HG12	17	0.15
(34,1376)	1:121:A:VAL:H	1:121:A:VAL:HG13	17	0.15
(34,1318)	1:66:A:THR:HG21	1:96:A:VAL:H	3	0.15
(34,1318)	1:66:A:THR:HG22	1:96:A:VAL:H	3	0.15
(34,1318)	1:66:A:THR:HG23	1:96:A:VAL:H	3	0.15
(34,1294)	1:11:A:ILE:HG21	1:15:A:ALA:HA	7	0.15
(34,1294)	1:11:A:ILE:HG22	1:15:A:ALA:HA	7	0.15
(34,1294)	1:11:A:ILE:HG23	1:15:A:ALA:HA	7	0.15
(34,1282)	1:23:A:LEU:HD11	1:24:A:ASP:H	12	0.15
(34,1282)	1:23:A:LEU:HD12	1:24:A:ASP:H	12	0.15
(34,1282)	1:23:A:LEU:HD13	1:24:A:ASP:H	12	0.15
(34,1259)	1:136:A:CYS:HA	1:140:A:LEU:HD11	12	0.15
(34,1259)	1:136:A:CYS:HA	1:140:A:LEU:HD12	12	0.15
(34,1259)	1:136:A:CYS:HA	1:140:A:LEU:HD13	12	0.15
(34,1177)	1:145:A:PRO:HB2	1:146:A:GLN:HA	11	0.15
(34,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE1	8	0.15
(34,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE2	8	0.15
(34,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE1	9	0.15
(34,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE2	9	0.15
(34,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE1	13	0.15
(34,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE2	13	0.15
(34,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE1	17	0.15
(34,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE2	17	0.15
(34,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE1	19	0.15
(34,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE2	19	0.15
(34,1164)	1:138:A:ASP:HA	1:141:A:LYS:H	15	0.15
(34,1114)	1:138:A:ASP:HA	1:141:A:LYS:HA	6	0.15
(34,1097)	1:54:A:ARG:HA	1:58:A:ILE:HG13	8	0.15
(34,1066)	1:11:A:ILE:HA	1:11:A:ILE:HG12	15	0.15
(34,985)	1:11:A:ILE:HD11	1:43:A:MET:HB3	15	0.15
(34,985)	1:11:A:ILE:HD12	1:43:A:MET:HB3	15	0.15
(34,985)	1:11:A:ILE:HD13	1:43:A:MET:HB3	15	0.15
(34,979)	1:96:A:VAL:HB	1:97:A:ASP:H	7	0.15
(34,946)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	14	0.15
(34,946)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	14	0.15
(34,943)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	18	0.15
(34,943)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	18	0.15
(34,884)	1:11:A:ILE:HG21	1:40:A:LEU:HB2	6	0.15
(34,884)	1:11:A:ILE:HG22	1:40:A:LEU:HB2	6	0.15
(34,884)	1:11:A:ILE:HG23	1:40:A:LEU:HB2	6	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,852)	1:49:A:LYS:HA	1:49:A:LYS:HE2	8	0.15
(34,852)	1:49:A:LYS:HA	1:49:A:LYS:HE3	8	0.15
(34,834)	1:114:A:ILE:HD11	1:115:A:ALA:H	6	0.15
(34,834)	1:114:A:ILE:HD12	1:115:A:ALA:H	6	0.15
(34,834)	1:114:A:ILE:HD13	1:115:A:ALA:H	6	0.15
(34,834)	1:114:A:ILE:HD11	1:115:A:ALA:H	19	0.15
(34,834)	1:114:A:ILE:HD12	1:115:A:ALA:H	19	0.15
(34,834)	1:114:A:ILE:HD13	1:115:A:ALA:H	19	0.15
(34,832)	1:114:A:ILE:HD11	1:117:A:VAL:H	2	0.15
(34,832)	1:114:A:ILE:HD12	1:117:A:VAL:H	2	0.15
(34,832)	1:114:A:ILE:HD13	1:117:A:VAL:H	2	0.15
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	12	0.15
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	12	0.15
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	12	0.15
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	12	0.15
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	12	0.15
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	12	0.15
(34,776)	1:101:A:ILE:HD11	1:119:A:LEU:HA	19	0.15
(34,776)	1:101:A:ILE:HD12	1:119:A:LEU:HA	19	0.15
(34,776)	1:101:A:ILE:HD13	1:119:A:LEU:HA	19	0.15
(34,744)	1:10:A:ASN:H	1:10:A:ASN:HD21	8	0.15
(34,739)	1:45:A:ALA:H	1:46:A:ASN:HD22	5	0.15
(34,725)	1:45:A:ALA:H	1:48:A:ARG:HE	9	0.15
(34,722)	1:44:A:GLU:HG2	1:48:A:ARG:HE	10	0.15
(34,722)	1:44:A:GLU:HG3	1:48:A:ARG:HE	10	0.15
(34,720)	1:45:A:ALA:HB1	1:48:A:ARG:HE	1	0.15
(34,720)	1:45:A:ALA:HB2	1:48:A:ARG:HE	1	0.15
(34,720)	1:45:A:ALA:HB3	1:48:A:ARG:HE	1	0.15
(34,720)	1:45:A:ALA:HB1	1:48:A:ARG:HE	3	0.15
(34,720)	1:45:A:ALA:HB2	1:48:A:ARG:HE	3	0.15
(34,720)	1:45:A:ALA:HB3	1:48:A:ARG:HE	3	0.15
(34,662)	1:98:A:ILE:H	1:100:A:ALA:H	13	0.15
(34,594)	1:126:A:GLY:H	1:128:A:LEU:HB2	4	0.15
(34,568)	1:124:A:THR:H	1:128:A:LEU:HD11	6	0.15
(34,568)	1:124:A:THR:H	1:128:A:LEU:HD12	6	0.15
(34,568)	1:124:A:THR:H	1:128:A:LEU:HD13	6	0.15
(34,565)	1:73:A:ILE:HD11	1:110:A:MET:H	1	0.15
(34,565)	1:73:A:ILE:HD12	1:110:A:MET:H	1	0.15
(34,565)	1:73:A:ILE:HD13	1:110:A:MET:H	1	0.15
(34,559)	1:59:A:CYS:HB3	1:61:A:SER:H	16	0.15
(34,552)	1:60:A:LEU:HD21	1:61:A:SER:H	18	0.15
(34,552)	1:60:A:LEU:HD22	1:61:A:SER:H	18	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,552)	1:60:A:LEU:HD23	1:61:A:SER:H	18	0.15
(34,523)	1:70:A:LYS:HE2	1:71:A:LYS:H	5	0.15
(34,523)	1:70:A:LYS:HE3	1:71:A:LYS:H	5	0.15
(34,496)	1:79:A:THR:H	1:79:A:THR:HG21	10	0.15
(34,496)	1:79:A:THR:H	1:79:A:THR:HG22	10	0.15
(34,496)	1:79:A:THR:H	1:79:A:THR:HG23	10	0.15
(34,467)	1:18:A:PHE:H	1:113:A:PHE:HE1	14	0.15
(34,467)	1:18:A:PHE:H	1:113:A:PHE:HE2	14	0.15
(34,309)	1:65:A:CYS:H	1:65:A:CYS:HB3	6	0.15
(34,303)	1:128:A:LEU:HB3	1:129:A:LYS:H	10	0.15
(34,297)	1:120:A:CYS:H	1:121:A:VAL:H	6	0.15
(34,297)	1:120:A:CYS:H	1:121:A:VAL:H	18	0.15
(34,209)	1:101:A:ILE:H	1:101:A:ILE:HB	5	0.15
(34,186)	1:93:A:GLU:H	1:93:A:GLU:HB2	5	0.15
(34,186)	1:93:A:GLU:H	1:93:A:GLU:HB3	5	0.15
(34,185)	1:93:A:GLU:H	1:93:A:GLU:HG2	18	0.15
(34,185)	1:93:A:GLU:H	1:93:A:GLU:HG3	18	0.15
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD11	4	0.15
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD12	4	0.15
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD13	4	0.15
(34,131)	1:42:A:GLU:H	1:43:A:MET:HB2	10	0.15
(34,118)	1:80:A:TYR:H	1:81:A:GLU:HG2	19	0.15
(34,118)	1:80:A:TYR:H	1:81:A:GLU:HG3	19	0.15
(34,115)	1:21:A:THR:HB	1:22:A:ASP:H	15	0.15
(34,111)	1:69:A:MET:H	1:70:A:LYS:HG2	12	0.15
(34,107)	1:67:A:PRO:HD2	1:69:A:MET:H	8	0.15
(34,8)	1:63:A:ILE:HG13	1:64:A:LYS:H	19	0.15
(33,2444)	1:132:A:ALA:HB1	1:133:A:ASN:HD21	17	0.15
(33,2444)	1:132:A:ALA:HB1	1:133:A:ASN:HD22	17	0.15
(33,2444)	1:132:A:ALA:HB2	1:133:A:ASN:HD21	17	0.15
(33,2444)	1:132:A:ALA:HB2	1:133:A:ASN:HD22	17	0.15
(33,2444)	1:132:A:ALA:HB3	1:133:A:ASN:HD21	17	0.15
(33,2444)	1:132:A:ALA:HB3	1:133:A:ASN:HD22	17	0.15
(33,2403)	1:123:A:CYS:H	1:128:A:LEU:HD11	10	0.15
(33,2403)	1:123:A:CYS:H	1:128:A:LEU:HD12	10	0.15
(33,2403)	1:123:A:CYS:H	1:128:A:LEU:HD13	10	0.15
(33,2403)	1:123:A:CYS:H	1:128:A:LEU:HD21	10	0.15
(33,2403)	1:123:A:CYS:H	1:128:A:LEU:HD22	10	0.15
(33,2403)	1:123:A:CYS:H	1:128:A:LEU:HD23	10	0.15
(33,2348)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	16	0.15
(33,2348)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	16	0.15
(33,2348)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	16	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2348)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	16	0.15
(33,2269)	1:72:A:PHE:HA	1:109:A:PRO:HG2	7	0.15
(33,2269)	1:72:A:PHE:HA	1:109:A:PRO:HG3	7	0.15
(33,2261)	1:70:A:LYS:H	1:70:A:LYS:HD2	5	0.15
(33,2261)	1:70:A:LYS:H	1:70:A:LYS:HD3	5	0.15
(33,2255)	1:69:A:MET:HG2	1:109:A:PRO:HA	5	0.15
(33,2255)	1:69:A:MET:HG3	1:109:A:PRO:HA	5	0.15
(33,2248)	1:69:A:MET:H	1:70:A:LYS:HG2	15	0.15
(33,2248)	1:69:A:MET:H	1:70:A:LYS:HG3	15	0.15
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD11	16	0.15
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD12	16	0.15
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD13	16	0.15
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD21	16	0.15
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD22	16	0.15
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD23	16	0.15
(33,2068)	1:32:A:GLY:HA2	1:34:A:LYS:H	14	0.15
(33,2068)	1:32:A:GLY:HA3	1:34:A:LYS:H	14	0.15
(33,2044)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	6	0.15
(33,2044)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	6	0.15
(33,2044)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	6	0.15
(33,2044)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	6	0.15
(33,2039)	1:23:A:LEU:HD11	1:25:A:ALA:H	18	0.15
(33,2039)	1:23:A:LEU:HD12	1:25:A:ALA:H	18	0.15
(33,2039)	1:23:A:LEU:HD13	1:25:A:ALA:H	18	0.15
(33,2039)	1:23:A:LEU:HD21	1:25:A:ALA:H	18	0.15
(33,2039)	1:23:A:LEU:HD22	1:25:A:ALA:H	18	0.15
(33,2039)	1:23:A:LEU:HD23	1:25:A:ALA:H	18	0.15
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	2	0.15
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	2	0.15
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	2	0.15
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	2	0.15
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	2	0.15
(33,2022)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	2	0.15
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	2	0.15
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	2	0.15
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	2	0.15
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	2	0.15
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	2	0.15
(33,2022)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	2	0.15
(33,2019)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	11	0.15
(33,2019)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	11	0.15
(33,2019)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	11	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2019)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	11	0.15
(33,2019)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	11	0.15
(33,2019)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	11	0.15
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG11	19	0.15
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG12	19	0.15
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG13	19	0.15
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG21	19	0.15
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG22	19	0.15
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG23	19	0.15
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	3	0.15
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	3	0.15
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	3	0.15
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	3	0.15
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	3	0.15
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	3	0.15
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	3	0.15
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	3	0.15
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	3	0.15
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	3	0.15
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	3	0.15
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	3	0.15
(33,1891)	1:98:A:ILE:HG12	1:104:A:PHE:HZ	6	0.15
(33,1883)	1:104:A:PHE:HE1	1:105:A:LYS:H	19	0.15
(33,1883)	1:104:A:PHE:HE2	1:105:A:LYS:H	19	0.15
(33,1840)	1:79:A:THR:HB	1:80:A:TYR:HE1	4	0.15
(33,1840)	1:79:A:THR:HB	1:80:A:TYR:HE2	4	0.15
(33,1819)	1:9:A:PHE:HZ	1:11:A:ILE:HB	16	0.15
(33,1802)	1:104:A:PHE:HE1	1:105:A:LYS:HA	9	0.15
(33,1802)	1:104:A:PHE:HE2	1:105:A:LYS:HA	9	0.15
(33,1791)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	2	0.15
(33,1791)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	2	0.15
(33,1791)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	2	0.15
(33,1791)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	2	0.15
(33,1791)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	2	0.15
(33,1791)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	2	0.15
(33,1780)	1:80:A:TYR:HD1	1:81:A:GLU:HG2	16	0.15
(33,1780)	1:80:A:TYR:HD1	1:81:A:GLU:HG3	16	0.15
(33,1780)	1:80:A:TYR:HD2	1:81:A:GLU:HG2	16	0.15
(33,1780)	1:80:A:TYR:HD2	1:81:A:GLU:HG3	16	0.15
(33,1754)	1:140:A:LEU:HD11	1:141:A:LYS:H	4	0.15
(33,1754)	1:140:A:LEU:HD12	1:141:A:LYS:H	4	0.15
(33,1754)	1:140:A:LEU:HD13	1:141:A:LYS:H	4	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1734)	1:105:A:LYS:H	1:105:A:LYS:HG3	3	0.15
(33,1715)	1:21:A:THR:HG21	1:24:A:ASP:HB2	17	0.15
(33,1715)	1:21:A:THR:HG21	1:24:A:ASP:HB3	17	0.15
(33,1715)	1:21:A:THR:HG22	1:24:A:ASP:HB2	17	0.15
(33,1715)	1:21:A:THR:HG22	1:24:A:ASP:HB3	17	0.15
(33,1715)	1:21:A:THR:HG23	1:24:A:ASP:HB2	17	0.15
(33,1715)	1:21:A:THR:HG23	1:24:A:ASP:HB3	17	0.15
(33,1698)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	17	0.15
(33,1698)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	17	0.15
(33,1678)	1:72:A:PHE:HB2	1:109:A:PRO:HA	6	0.15
(33,1678)	1:72:A:PHE:HB2	1:109:A:PRO:HA	13	0.15
(33,1659)	1:107:A:LEU:H	1:111:A:GLU:HB2	13	0.15
(33,1659)	1:107:A:LEU:H	1:111:A:GLU:HB3	13	0.15
(33,1607)	1:30:A:LEU:H	1:30:A:LEU:HD11	2	0.15
(33,1607)	1:30:A:LEU:H	1:30:A:LEU:HD12	2	0.15
(33,1607)	1:30:A:LEU:H	1:30:A:LEU:HD13	2	0.15
(33,1600)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	19	0.15
(33,1600)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	19	0.15
(33,1600)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	19	0.15
(33,1600)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	19	0.15
(33,1600)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	19	0.15
(33,1600)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	19	0.15
(33,1588)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	15	0.15
(33,1588)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	15	0.15
(33,1588)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	15	0.15
(33,1560)	1:11:A:ILE:HG21	1:11:A:ILE:HD11	14	0.15
(33,1560)	1:11:A:ILE:HG21	1:11:A:ILE:HD12	14	0.15
(33,1560)	1:11:A:ILE:HG21	1:11:A:ILE:HD13	14	0.15
(33,1560)	1:11:A:ILE:HG22	1:11:A:ILE:HD11	14	0.15
(33,1560)	1:11:A:ILE:HG22	1:11:A:ILE:HD12	14	0.15
(33,1560)	1:11:A:ILE:HG22	1:11:A:ILE:HD13	14	0.15
(33,1560)	1:11:A:ILE:HG23	1:11:A:ILE:HD11	14	0.15
(33,1560)	1:11:A:ILE:HG23	1:11:A:ILE:HD12	14	0.15
(33,1560)	1:11:A:ILE:HG23	1:11:A:ILE:HD13	14	0.15
(33,1541)	1:139:A:LEU:HD21	1:142:A:LYS:HE2	14	0.15
(33,1541)	1:139:A:LEU:HD21	1:142:A:LYS:HE3	14	0.15
(33,1541)	1:139:A:LEU:HD22	1:142:A:LYS:HE2	14	0.15
(33,1541)	1:139:A:LEU:HD22	1:142:A:LYS:HE3	14	0.15
(33,1541)	1:139:A:LEU:HD23	1:142:A:LYS:HE2	14	0.15
(33,1541)	1:139:A:LEU:HD23	1:142:A:LYS:HE3	14	0.15
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE1	12	0.15
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE2	12	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE3	12	0.15
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE1	12	0.15
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE2	12	0.15
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE3	12	0.15
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE1	12	0.15
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE2	12	0.15
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE3	12	0.15
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE1	14	0.15
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE2	14	0.15
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE3	14	0.15
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE1	14	0.15
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE2	14	0.15
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE3	14	0.15
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE1	14	0.15
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE2	14	0.15
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE3	14	0.15
(33,1512)	1:110:A:MET:HE1	1:113:A:PHE:HE1	13	0.15
(33,1512)	1:110:A:MET:HE1	1:113:A:PHE:HE2	13	0.15
(33,1512)	1:110:A:MET:HE2	1:113:A:PHE:HE1	13	0.15
(33,1512)	1:110:A:MET:HE2	1:113:A:PHE:HE2	13	0.15
(33,1512)	1:110:A:MET:HE3	1:113:A:PHE:HE1	13	0.15
(33,1512)	1:110:A:MET:HE3	1:113:A:PHE:HE2	13	0.15
(33,1473)	1:101:A:ILE:HG21	1:115:A:ALA:HA	2	0.15
(33,1473)	1:101:A:ILE:HG22	1:115:A:ALA:HA	2	0.15
(33,1473)	1:101:A:ILE:HG23	1:115:A:ALA:HA	2	0.15
(33,1473)	1:101:A:ILE:HG21	1:115:A:ALA:HA	14	0.15
(33,1473)	1:101:A:ILE:HG22	1:115:A:ALA:HA	14	0.15
(33,1473)	1:101:A:ILE:HG23	1:115:A:ALA:HA	14	0.15
(33,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG21	15	0.15
(33,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG22	15	0.15
(33,1428)	1:119:A:LEU:HA	1:121:A:VAL:HG23	15	0.15
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG11	19	0.15
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG12	19	0.15
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG13	19	0.15
(33,1356)	1:121:A:VAL:H	1:121:A:VAL:HG11	17	0.15
(33,1356)	1:121:A:VAL:H	1:121:A:VAL:HG12	17	0.15
(33,1356)	1:121:A:VAL:H	1:121:A:VAL:HG13	17	0.15
(33,1338)	1:131:A:LEU:H	1:131:A:LEU:HD21	15	0.15
(33,1338)	1:131:A:LEU:H	1:131:A:LEU:HD22	15	0.15
(33,1338)	1:131:A:LEU:H	1:131:A:LEU:HD23	15	0.15
(33,1252)	1:40:A:LEU:HA	1:40:A:LEU:HD11	17	0.15
(33,1252)	1:40:A:LEU:HA	1:40:A:LEU:HD12	17	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1252)	1:40:A:LEU:HA	1:40:A:LEU:HD13	17	0.15
(33,1228)	1:37:A:LEU:HA	1:37:A:LEU:HD21	2	0.15
(33,1228)	1:37:A:LEU:HA	1:37:A:LEU:HD22	2	0.15
(33,1228)	1:37:A:LEU:HA	1:37:A:LEU:HD23	2	0.15
(33,1174)	1:136:A:CYS:HA	1:140:A:LEU:HD11	11	0.15
(33,1174)	1:136:A:CYS:HA	1:140:A:LEU:HD12	11	0.15
(33,1174)	1:136:A:CYS:HA	1:140:A:LEU:HD13	11	0.15
(33,1154)	1:145:A:PRO:HB2	1:146:A:GLN:HA	11	0.15
(33,1147)	1:80:A:TYR:HA	1:80:A:TYR:HE1	8	0.15
(33,1147)	1:80:A:TYR:HA	1:80:A:TYR:HE2	8	0.15
(33,1147)	1:80:A:TYR:HA	1:80:A:TYR:HE1	9	0.15
(33,1147)	1:80:A:TYR:HA	1:80:A:TYR:HE2	9	0.15
(33,1147)	1:80:A:TYR:HA	1:80:A:TYR:HE1	13	0.15
(33,1147)	1:80:A:TYR:HA	1:80:A:TYR:HE2	13	0.15
(33,1147)	1:80:A:TYR:HA	1:80:A:TYR:HE1	17	0.15
(33,1147)	1:80:A:TYR:HA	1:80:A:TYR:HE2	17	0.15
(33,1147)	1:80:A:TYR:HA	1:80:A:TYR:HE1	19	0.15
(33,1147)	1:80:A:TYR:HA	1:80:A:TYR:HE2	19	0.15
(33,1135)	1:138:A:ASP:HA	1:141:A:LYS:H	15	0.15
(33,1127)	1:40:A:LEU:HA	1:40:A:LEU:HD21	4	0.15
(33,1127)	1:40:A:LEU:HA	1:40:A:LEU:HD22	4	0.15
(33,1127)	1:40:A:LEU:HA	1:40:A:LEU:HD23	4	0.15
(33,1118)	1:143:A:TRP:HA	1:143:A:TRP:HE3	19	0.15
(33,1082)	1:45:A:ALA:HA	1:48:A:ARG:HG2	9	0.15
(33,1082)	1:45:A:ALA:HA	1:48:A:ARG:HG3	9	0.15
(33,1038)	1:11:A:ILE:HA	1:11:A:ILE:HG12	15	0.15
(33,1030)	1:41:A:LYS:HA	1:44:A:GLU:HB2	18	0.15
(33,1030)	1:41:A:LYS:HA	1:44:A:GLU:HB3	18	0.15
(33,933)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	14	0.15
(33,933)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	14	0.15
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB1	18	0.15
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB2	18	0.15
(33,931)	1:93:A:GLU:HG2	1:94:A:ALA:HB3	18	0.15
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB1	18	0.15
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB2	18	0.15
(33,931)	1:93:A:GLU:HG3	1:94:A:ALA:HB3	18	0.15
(33,883)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	10	0.15
(33,883)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	10	0.15
(33,883)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	10	0.15
(33,874)	1:56:A:CYS:H	1:122:A:ASP:HB2	18	0.15
(33,852)	1:49:A:LYS:HA	1:49:A:LYS:HE2	8	0.15
(33,852)	1:49:A:LYS:HA	1:49:A:LYS:HE3	8	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,842)	1:45:A:ALA:HA	1:48:A:ARG:HD2	11	0.15
(33,842)	1:45:A:ALA:HA	1:48:A:ARG:HD3	11	0.15
(33,831)	1:114:A:ILE:HD11	1:117:A:VAL:H	2	0.15
(33,831)	1:114:A:ILE:HD12	1:117:A:VAL:H	2	0.15
(33,831)	1:114:A:ILE:HD13	1:117:A:VAL:H	2	0.15
(33,783)	1:11:A:ILE:HA	1:11:A:ILE:HD11	6	0.15
(33,783)	1:11:A:ILE:HA	1:11:A:ILE:HD12	6	0.15
(33,783)	1:11:A:ILE:HA	1:11:A:ILE:HD13	6	0.15
(33,741)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	18	0.15
(33,741)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	18	0.15
(33,732)	1:45:A:ALA:H	1:46:A:ASN:HD22	5	0.15
(33,715)	1:45:A:ALA:H	1:48:A:ARG:HE	9	0.15
(33,696)	1:98:A:ILE:H	1:100:A:ALA:H	13	0.15
(33,670)	1:120:A:CYS:H	1:121:A:VAL:HG11	16	0.15
(33,670)	1:120:A:CYS:H	1:121:A:VAL:HG12	16	0.15
(33,670)	1:120:A:CYS:H	1:121:A:VAL:HG13	16	0.15
(33,508)	1:70:A:LYS:HE2	1:71:A:LYS:H	19	0.15
(33,508)	1:70:A:LYS:HE3	1:71:A:LYS:H	19	0.15
(33,483)	1:79:A:THR:H	1:79:A:THR:HG21	10	0.15
(33,483)	1:79:A:THR:H	1:79:A:THR:HG22	10	0.15
(33,483)	1:79:A:THR:H	1:79:A:THR:HG23	10	0.15
(33,479)	1:147:A:ARG:HG2	1:148:A:CYS:H	12	0.15
(33,479)	1:147:A:ARG:HG3	1:148:A:CYS:H	12	0.15
(33,472)	1:103:A:ARG:H	1:103:A:ARG:HG2	2	0.15
(33,472)	1:103:A:ARG:H	1:103:A:ARG:HG3	2	0.15
(33,294)	1:128:A:LEU:HB3	1:129:A:LYS:H	6	0.15
(33,289)	1:120:A:CYS:H	1:121:A:VAL:H	6	0.15
(33,289)	1:120:A:CYS:H	1:121:A:VAL:H	18	0.15
(33,269)	1:112:A:GLN:H	1:112:A:GLN:HE21	18	0.15
(33,178)	1:93:A:GLU:H	1:93:A:GLU:HB2	5	0.15
(33,178)	1:93:A:GLU:H	1:93:A:GLU:HB3	5	0.15
(33,177)	1:93:A:GLU:H	1:93:A:GLU:HG2	18	0.15
(33,177)	1:93:A:GLU:H	1:93:A:GLU:HG3	18	0.15
(33,170)	1:8:A:ASP:H	1:8:A:ASP:HB2	4	0.15
(33,124)	1:42:A:GLU:H	1:43:A:MET:HB2	10	0.15
(32,2470)	1:140:A:LEU:HD11	1:144:A:LEU:H	14	0.15
(32,2470)	1:140:A:LEU:HD12	1:144:A:LEU:H	14	0.15
(32,2470)	1:140:A:LEU:HD13	1:144:A:LEU:H	14	0.15
(32,2470)	1:140:A:LEU:HD21	1:144:A:LEU:H	14	0.15
(32,2470)	1:140:A:LEU:HD22	1:144:A:LEU:H	14	0.15
(32,2470)	1:140:A:LEU:HD23	1:144:A:LEU:H	14	0.15
(32,2337)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	16	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2337)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	16	0.15
(32,2337)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	16	0.15
(32,2337)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	16	0.15
(32,2289)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	10	0.15
(32,2289)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	10	0.15
(32,2289)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	10	0.15
(32,2289)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	10	0.15
(32,2289)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	10	0.15
(32,2289)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	10	0.15
(32,2289)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	10	0.15
(32,2289)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	10	0.15
(32,2289)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	10	0.15
(32,2289)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	10	0.15
(32,2289)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	10	0.15
(32,2289)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	10	0.15
(32,2285)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	17	0.15
(32,2285)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	17	0.15
(32,2285)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	17	0.15
(32,2285)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	17	0.15
(32,2285)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	17	0.15
(32,2285)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	17	0.15
(32,2285)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	17	0.15
(32,2285)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	17	0.15
(32,2285)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	17	0.15
(32,2285)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	17	0.15
(32,2285)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	17	0.15
(32,2285)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	17	0.15
(32,2271)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	9	0.15
(32,2271)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	9	0.15
(32,2271)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	17	0.15
(32,2271)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	17	0.15
(32,2256)	1:72:A:PHE:HA	1:109:A:PRO:HG2	7	0.15
(32,2256)	1:72:A:PHE:HA	1:109:A:PRO:HG3	7	0.15
(32,2242)	1:69:A:MET:H	1:70:A:LYS:HG2	15	0.15
(32,2242)	1:69:A:MET:H	1:70:A:LYS:HG3	15	0.15
(32,2237)	1:67:A:PRO:HD3	1:96:A:VAL:HG11	6	0.15
(32,2237)	1:67:A:PRO:HD3	1:96:A:VAL:HG12	6	0.15
(32,2237)	1:67:A:PRO:HD3	1:96:A:VAL:HG13	6	0.15
(32,2237)	1:67:A:PRO:HD3	1:96:A:VAL:HG21	6	0.15
(32,2237)	1:67:A:PRO:HD3	1:96:A:VAL:HG22	6	0.15
(32,2237)	1:67:A:PRO:HD3	1:96:A:VAL:HG23	6	0.15
(32,2197)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	6	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2197)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	6	0.15
(32,2197)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	6	0.15
(32,2197)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	6	0.15
(32,2197)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	6	0.15
(32,2197)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	6	0.15
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD11	13	0.15
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD12	13	0.15
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD13	13	0.15
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD21	13	0.15
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD22	13	0.15
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD23	13	0.15
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD11	19	0.15
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD12	19	0.15
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD13	19	0.15
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD21	19	0.15
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD22	19	0.15
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD23	19	0.15
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD11	19	0.15
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD12	19	0.15
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD13	19	0.15
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD21	19	0.15
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD22	19	0.15
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD23	19	0.15
(32,1968)	1:15:A:ALA:HB1	1:18:A:PHE:HB2	12	0.15
(32,1968)	1:15:A:ALA:HB1	1:18:A:PHE:HB3	12	0.15
(32,1968)	1:15:A:ALA:HB2	1:18:A:PHE:HB2	12	0.15
(32,1968)	1:15:A:ALA:HB2	1:18:A:PHE:HB3	12	0.15
(32,1968)	1:15:A:ALA:HB3	1:18:A:PHE:HB2	12	0.15
(32,1968)	1:15:A:ALA:HB3	1:18:A:PHE:HB3	12	0.15
(32,1947)	1:14:A:VAL:HB	1:131:A:LEU:HD11	6	0.15
(32,1947)	1:14:A:VAL:HB	1:131:A:LEU:HD12	6	0.15
(32,1947)	1:14:A:VAL:HB	1:131:A:LEU:HD13	6	0.15
(32,1947)	1:14:A:VAL:HB	1:131:A:LEU:HD21	6	0.15
(32,1947)	1:14:A:VAL:HB	1:131:A:LEU:HD22	6	0.15
(32,1947)	1:14:A:VAL:HB	1:131:A:LEU:HD23	6	0.15
(32,1897)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	7	0.15
(32,1897)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	7	0.15
(32,1897)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	7	0.15
(32,1897)	1:9:A:PHE:HZ	1:40:A:LEU:HD21	7	0.15
(32,1897)	1:9:A:PHE:HZ	1:40:A:LEU:HD22	7	0.15
(32,1897)	1:9:A:PHE:HZ	1:40:A:LEU:HD23	7	0.15
(32,1861)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	12	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1861)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	12	0.15
(32,1852)	1:104:A:PHE:HE1	1:115:A:ALA:H	18	0.15
(32,1852)	1:104:A:PHE:HE2	1:115:A:ALA:H	18	0.15
(32,1786)	1:9:A:PHE:HZ	1:11:A:ILE:HB	16	0.15
(32,1768)	1:104:A:PHE:HE1	1:105:A:LYS:HA	9	0.15
(32,1768)	1:104:A:PHE:HE2	1:105:A:LYS:HA	9	0.15
(32,1748)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	16	0.15
(32,1748)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	16	0.15
(32,1748)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	16	0.15
(32,1748)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	16	0.15
(32,1747)	1:80:A:TYR:HD1	1:81:A:GLU:HG2	16	0.15
(32,1747)	1:80:A:TYR:HD1	1:81:A:GLU:HG3	16	0.15
(32,1747)	1:80:A:TYR:HD2	1:81:A:GLU:HG2	16	0.15
(32,1747)	1:80:A:TYR:HD2	1:81:A:GLU:HG3	16	0.15
(32,1682)	1:21:A:THR:HG21	1:24:A:ASP:HB2	17	0.15
(32,1682)	1:21:A:THR:HG21	1:24:A:ASP:HB3	17	0.15
(32,1682)	1:21:A:THR:HG22	1:24:A:ASP:HB2	17	0.15
(32,1682)	1:21:A:THR:HG22	1:24:A:ASP:HB3	17	0.15
(32,1682)	1:21:A:THR:HG23	1:24:A:ASP:HB2	17	0.15
(32,1682)	1:21:A:THR:HG23	1:24:A:ASP:HB3	17	0.15
(32,1678)	1:19:A:ALA:HB1	1:20:A:THR:HG21	12	0.15
(32,1678)	1:19:A:ALA:HB1	1:20:A:THR:HG22	12	0.15
(32,1678)	1:19:A:ALA:HB1	1:20:A:THR:HG23	12	0.15
(32,1678)	1:19:A:ALA:HB2	1:20:A:THR:HG21	12	0.15
(32,1678)	1:19:A:ALA:HB2	1:20:A:THR:HG22	12	0.15
(32,1678)	1:19:A:ALA:HB2	1:20:A:THR:HG23	12	0.15
(32,1678)	1:19:A:ALA:HB3	1:20:A:THR:HG21	12	0.15
(32,1678)	1:19:A:ALA:HB3	1:20:A:THR:HG22	12	0.15
(32,1678)	1:19:A:ALA:HB3	1:20:A:THR:HG23	12	0.15
(32,1641)	1:69:A:MET:HG3	1:109:A:PRO:HA	10	0.15
(32,1583)	1:149:A:ALA:HB1	1:151:A:PHE:HA	7	0.15
(32,1583)	1:149:A:ALA:HB2	1:151:A:PHE:HA	7	0.15
(32,1583)	1:149:A:ALA:HB3	1:151:A:PHE:HA	7	0.15
(32,1532)	1:11:A:ILE:HG21	1:11:A:ILE:HD11	14	0.15
(32,1532)	1:11:A:ILE:HG21	1:11:A:ILE:HD12	14	0.15
(32,1532)	1:11:A:ILE:HG21	1:11:A:ILE:HD13	14	0.15
(32,1532)	1:11:A:ILE:HG22	1:11:A:ILE:HD11	14	0.15
(32,1532)	1:11:A:ILE:HG22	1:11:A:ILE:HD12	14	0.15
(32,1532)	1:11:A:ILE:HG22	1:11:A:ILE:HD13	14	0.15
(32,1532)	1:11:A:ILE:HG23	1:11:A:ILE:HD11	14	0.15
(32,1532)	1:11:A:ILE:HG23	1:11:A:ILE:HD12	14	0.15
(32,1532)	1:11:A:ILE:HG23	1:11:A:ILE:HD13	14	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1520)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	12	0.15
(32,1520)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	12	0.15
(32,1520)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	12	0.15
(32,1520)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	12	0.15
(32,1520)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	12	0.15
(32,1520)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	12	0.15
(32,1513)	1:139:A:LEU:HD21	1:142:A:LYS:HE2	14	0.15
(32,1513)	1:139:A:LEU:HD21	1:142:A:LYS:HE3	14	0.15
(32,1513)	1:139:A:LEU:HD22	1:142:A:LYS:HE2	14	0.15
(32,1513)	1:139:A:LEU:HD22	1:142:A:LYS:HE3	14	0.15
(32,1513)	1:139:A:LEU:HD23	1:142:A:LYS:HE2	14	0.15
(32,1513)	1:139:A:LEU:HD23	1:142:A:LYS:HE3	14	0.15
(32,1479)	1:69:A:MET:HE1	1:116:A:GLN:HE22	5	0.15
(32,1479)	1:69:A:MET:HE2	1:116:A:GLN:HE22	5	0.15
(32,1479)	1:69:A:MET:HE3	1:116:A:GLN:HE22	5	0.15
(32,1441)	1:101:A:ILE:HG21	1:115:A:ALA:HA	2	0.15
(32,1441)	1:101:A:ILE:HG22	1:115:A:ALA:HA	2	0.15
(32,1441)	1:101:A:ILE:HG23	1:115:A:ALA:HA	2	0.15
(32,1441)	1:101:A:ILE:HG21	1:115:A:ALA:HA	14	0.15
(32,1441)	1:101:A:ILE:HG22	1:115:A:ALA:HA	14	0.15
(32,1441)	1:101:A:ILE:HG23	1:115:A:ALA:HA	14	0.15
(32,1413)	1:47:A:ALA:HA	1:50:A:ALA:HB1	5	0.15
(32,1413)	1:47:A:ALA:HA	1:50:A:ALA:HB2	5	0.15
(32,1413)	1:47:A:ALA:HA	1:50:A:ALA:HB3	5	0.15
(32,1324)	1:121:A:VAL:H	1:121:A:VAL:HG11	17	0.15
(32,1324)	1:121:A:VAL:H	1:121:A:VAL:HG12	17	0.15
(32,1324)	1:121:A:VAL:H	1:121:A:VAL:HG13	17	0.15
(32,1305)	1:131:A:LEU:H	1:131:A:LEU:HD21	15	0.15
(32,1305)	1:131:A:LEU:H	1:131:A:LEU:HD22	15	0.15
(32,1305)	1:131:A:LEU:H	1:131:A:LEU:HD23	15	0.15
(32,1151)	1:107:A:LEU:H	1:107:A:LEU:HD21	13	0.15
(32,1151)	1:107:A:LEU:H	1:107:A:LEU:HD22	13	0.15
(32,1151)	1:107:A:LEU:H	1:107:A:LEU:HD23	13	0.15
(32,1106)	1:80:A:TYR:HA	1:80:A:TYR:HE1	8	0.15
(32,1106)	1:80:A:TYR:HA	1:80:A:TYR:HE2	8	0.15
(32,1106)	1:80:A:TYR:HA	1:80:A:TYR:HE1	9	0.15
(32,1106)	1:80:A:TYR:HA	1:80:A:TYR:HE2	9	0.15
(32,1106)	1:80:A:TYR:HA	1:80:A:TYR:HE1	13	0.15
(32,1106)	1:80:A:TYR:HA	1:80:A:TYR:HE2	13	0.15
(32,1106)	1:80:A:TYR:HA	1:80:A:TYR:HE1	17	0.15
(32,1106)	1:80:A:TYR:HA	1:80:A:TYR:HE2	17	0.15
(32,1106)	1:80:A:TYR:HA	1:80:A:TYR:HE1	19	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1106)	1:80:A:TYR:HA	1:80:A:TYR:HE2	19	0.15
(32,1079)	1:129:A:LYS:HA	1:132:A:ALA:HB1	4	0.15
(32,1079)	1:129:A:LYS:HA	1:132:A:ALA:HB2	4	0.15
(32,1079)	1:129:A:LYS:HA	1:132:A:ALA:HB3	4	0.15
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD11	7	0.15
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD12	7	0.15
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD13	7	0.15
(32,1003)	1:11:A:ILE:HB	1:44:A:GLU:HB2	9	0.15
(32,1003)	1:11:A:ILE:HB	1:44:A:GLU:HB3	9	0.15
(32,929)	1:66:A:THR:H	1:96:A:VAL:HB	2	0.15
(32,924)	1:12:A:VAL:HA	1:43:A:MET:HG3	14	0.15
(32,897)	1:93:A:GLU:HG2	1:94:A:ALA:HB1	11	0.15
(32,897)	1:93:A:GLU:HG2	1:94:A:ALA:HB2	11	0.15
(32,897)	1:93:A:GLU:HG2	1:94:A:ALA:HB3	11	0.15
(32,897)	1:93:A:GLU:HG3	1:94:A:ALA:HB1	11	0.15
(32,897)	1:93:A:GLU:HG3	1:94:A:ALA:HB2	11	0.15
(32,897)	1:93:A:GLU:HG3	1:94:A:ALA:HB3	11	0.15
(32,826)	1:49:A:LYS:HA	1:49:A:LYS:HE2	8	0.15
(32,826)	1:49:A:LYS:HA	1:49:A:LYS:HE3	8	0.15
(32,808)	1:114:A:ILE:HD11	1:117:A:VAL:H	2	0.15
(32,808)	1:114:A:ILE:HD12	1:117:A:VAL:H	2	0.15
(32,808)	1:114:A:ILE:HD13	1:117:A:VAL:H	2	0.15
(32,807)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	2	0.15
(32,807)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	2	0.15
(32,807)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	2	0.15
(32,807)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	2	0.15
(32,807)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	2	0.15
(32,807)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	2	0.15
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD11	2	0.15
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD12	2	0.15
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD13	2	0.15
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD11	5	0.15
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD12	5	0.15
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD13	5	0.15
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD11	8	0.15
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD12	8	0.15
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD13	8	0.15
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD11	12	0.15
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD12	12	0.15
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD13	12	0.15
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD11	14	0.15
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD12	14	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD13	14	0.15
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD11	15	0.15
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD12	15	0.15
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD13	15	0.15
(32,796)	1:98:A:ILE:HA	1:98:A:ILE:HD11	6	0.15
(32,796)	1:98:A:ILE:HA	1:98:A:ILE:HD12	6	0.15
(32,796)	1:98:A:ILE:HA	1:98:A:ILE:HD13	6	0.15
(32,790)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	16	0.15
(32,790)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	16	0.15
(32,790)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	16	0.15
(32,727)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	18	0.15
(32,727)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	18	0.15
(32,719)	1:45:A:ALA:H	1:46:A:ASN:HD22	5	0.15
(32,697)	1:45:A:ALA:H	1:48:A:ARG:HE	9	0.15
(32,473)	1:79:A:THR:H	1:79:A:THR:HG21	10	0.15
(32,473)	1:79:A:THR:H	1:79:A:THR:HG22	10	0.15
(32,473)	1:79:A:THR:H	1:79:A:THR:HG23	10	0.15
(32,446)	1:18:A:PHE:H	1:113:A:PHE:HE1	14	0.15
(32,446)	1:18:A:PHE:H	1:113:A:PHE:HE2	14	0.15
(32,366)	1:40:A:LEU:HB2	1:41:A:LYS:H	2	0.15
(32,290)	1:128:A:LEU:HB3	1:129:A:LYS:H	6	0.15
(32,218)	1:45:A:ALA:HA	1:48:A:ARG:H	1	0.15
(32,169)	1:93:A:GLU:H	1:93:A:GLU:HG2	18	0.15
(32,169)	1:93:A:GLU:H	1:93:A:GLU:HG3	18	0.15
(32,124)	1:42:A:GLU:H	1:43:A:MET:HB2	10	0.15
(32,82)	1:30:A:LEU:H	1:30:A:LEU:HD11	2	0.15
(32,82)	1:30:A:LEU:H	1:30:A:LEU:HD12	2	0.15
(32,82)	1:30:A:LEU:H	1:30:A:LEU:HD13	2	0.15
(32,46)	1:47:A:ALA:H	1:48:A:ARG:HB2	6	0.15
(32,46)	1:47:A:ALA:H	1:48:A:ARG:HB3	6	0.15
(32,26)	1:35:A:LEU:H	1:35:A:LEU:HG	7	0.15
(30,2470)	1:151:A:PHE:H	1:151:A:PHE:HB2	9	0.15
(30,2470)	1:151:A:PHE:H	1:151:A:PHE:HB3	9	0.15
(30,2470)	1:151:A:PHE:H	1:151:A:PHE:HB2	18	0.15
(30,2470)	1:151:A:PHE:H	1:151:A:PHE:HB3	18	0.15
(30,2450)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.15
(30,2450)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.15
(30,2450)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.15
(30,2450)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.15
(30,2450)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.15
(30,2450)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.15
(30,2450)	1:139:A:LEU:HD11	1:144:A:LEU:H	6	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2450)	1:139:A:LEU:HD12	1:144:A:LEU:H	6	0.15
(30,2450)	1:139:A:LEU:HD13	1:144:A:LEU:H	6	0.15
(30,2450)	1:139:A:LEU:HD21	1:144:A:LEU:H	6	0.15
(30,2450)	1:139:A:LEU:HD22	1:144:A:LEU:H	6	0.15
(30,2450)	1:139:A:LEU:HD23	1:144:A:LEU:H	6	0.15
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD11	10	0.15
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD12	10	0.15
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD13	10	0.15
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD21	10	0.15
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD22	10	0.15
(30,2420)	1:134:A:VAL:HA	1:140:A:LEU:HD23	10	0.15
(30,2358)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	16	0.15
(30,2358)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	16	0.15
(30,2358)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	16	0.15
(30,2358)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	16	0.15
(30,2346)	1:107:A:LEU:HD11	1:112:A:GLN:HA	10	0.15
(30,2346)	1:107:A:LEU:HD12	1:112:A:GLN:HA	10	0.15
(30,2346)	1:107:A:LEU:HD13	1:112:A:GLN:HA	10	0.15
(30,2346)	1:107:A:LEU:HD21	1:112:A:GLN:HA	10	0.15
(30,2346)	1:107:A:LEU:HD22	1:112:A:GLN:HA	10	0.15
(30,2346)	1:107:A:LEU:HD23	1:112:A:GLN:HA	10	0.15
(30,2345)	1:107:A:LEU:HD11	1:112:A:GLN:H	18	0.15
(30,2345)	1:107:A:LEU:HD12	1:112:A:GLN:H	18	0.15
(30,2345)	1:107:A:LEU:HD13	1:112:A:GLN:H	18	0.15
(30,2345)	1:107:A:LEU:HD21	1:112:A:GLN:H	18	0.15
(30,2345)	1:107:A:LEU:HD22	1:112:A:GLN:H	18	0.15
(30,2345)	1:107:A:LEU:HD23	1:112:A:GLN:H	18	0.15
(30,2339)	1:107:A:LEU:HA	1:108:A:GLU:HG2	17	0.15
(30,2339)	1:107:A:LEU:HA	1:108:A:GLU:HG3	17	0.15
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	2	0.15
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	2	0.15
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	2	0.15
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	2	0.15
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	2	0.15
(30,2327)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	2	0.15
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	2	0.15
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	2	0.15
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	2	0.15
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	2	0.15
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	2	0.15
(30,2327)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	2	0.15
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	7	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	7	0.15
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	7	0.15
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	7	0.15
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	7	0.15
(30,2306)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	7	0.15
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	7	0.15
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	7	0.15
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	7	0.15
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	7	0.15
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	7	0.15
(30,2306)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	7	0.15
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	7	0.15
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	7	0.15
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	7	0.15
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	7	0.15
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	7	0.15
(30,2306)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	7	0.15
(30,2300)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	6	0.15
(30,2300)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	6	0.15
(30,2300)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	6	0.15
(30,2300)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	6	0.15
(30,2300)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	6	0.15
(30,2300)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	6	0.15
(30,2300)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	6	0.15
(30,2300)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	6	0.15
(30,2300)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	6	0.15
(30,2300)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	6	0.15
(30,2300)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	6	0.15
(30,2300)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	6	0.15
(30,2268)	1:72:A:PHE:HA	1:109:A:PRO:HG2	7	0.15
(30,2268)	1:72:A:PHE:HA	1:109:A:PRO:HG3	7	0.15
(30,2257)	1:70:A:LYS:HG2	1:71:A:LYS:H	13	0.15
(30,2257)	1:70:A:LYS:HG3	1:71:A:LYS:H	13	0.15
(30,2255)	1:70:A:LYS:H	1:70:A:LYS:HD2	5	0.15
(30,2255)	1:70:A:LYS:H	1:70:A:LYS:HD3	5	0.15
(30,2243)	1:67:A:PRO:HD3	1:96:A:VAL:HG11	6	0.15
(30,2243)	1:67:A:PRO:HD3	1:96:A:VAL:HG12	6	0.15
(30,2243)	1:67:A:PRO:HD3	1:96:A:VAL:HG13	6	0.15
(30,2243)	1:67:A:PRO:HD3	1:96:A:VAL:HG21	6	0.15
(30,2243)	1:67:A:PRO:HD3	1:96:A:VAL:HG22	6	0.15
(30,2243)	1:67:A:PRO:HD3	1:96:A:VAL:HG23	6	0.15
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD11	1	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD12	1	0.15
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD13	1	0.15
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD21	1	0.15
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD22	1	0.15
(30,2050)	1:29:A:LYS:HB2	1:30:A:LEU:HD23	1	0.15
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD11	1	0.15
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD12	1	0.15
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD13	1	0.15
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD21	1	0.15
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD22	1	0.15
(30,2050)	1:29:A:LYS:HB3	1:30:A:LEU:HD23	1	0.15
(30,2046)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	2	0.15
(30,2046)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	2	0.15
(30,2046)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	2	0.15
(30,2046)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	2	0.15
(30,2046)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	2	0.15
(30,2046)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	2	0.15
(30,2046)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	2	0.15
(30,2046)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	2	0.15
(30,2046)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	2	0.15
(30,2046)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	2	0.15
(30,2046)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	2	0.15
(30,2046)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	2	0.15
(30,2046)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	14	0.15
(30,2046)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	14	0.15
(30,2046)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	14	0.15
(30,2046)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	14	0.15
(30,2046)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	14	0.15
(30,2046)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	14	0.15
(30,2046)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	14	0.15
(30,2046)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	14	0.15
(30,2046)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	14	0.15
(30,2046)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	14	0.15
(30,2046)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	14	0.15
(30,2046)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	14	0.15
(30,2036)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	6	0.15
(30,2036)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	6	0.15
(30,2036)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	6	0.15
(30,2036)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	6	0.15
(30,1992)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	14	0.15
(30,1992)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	14	0.15
(30,1992)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	14	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1992)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	14	0.15
(30,1992)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	14	0.15
(30,1992)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	14	0.15
(30,1992)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	14	0.15
(30,1992)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	14	0.15
(30,1992)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	14	0.15
(30,1992)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	14	0.15
(30,1992)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	14	0.15
(30,1992)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	14	0.15
(30,1985)	1:14:A:VAL:HB	1:131:A:LEU:HD11	6	0.15
(30,1985)	1:14:A:VAL:HB	1:131:A:LEU:HD12	6	0.15
(30,1985)	1:14:A:VAL:HB	1:131:A:LEU:HD13	6	0.15
(30,1985)	1:14:A:VAL:HB	1:131:A:LEU:HD21	6	0.15
(30,1985)	1:14:A:VAL:HB	1:131:A:LEU:HD22	6	0.15
(30,1985)	1:14:A:VAL:HB	1:131:A:LEU:HD23	6	0.15
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD11	6	0.15
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD12	6	0.15
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD13	6	0.15
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD21	6	0.15
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD22	6	0.15
(30,1983)	1:14:A:VAL:H	1:131:A:LEU:HD23	6	0.15
(30,1920)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	5	0.15
(30,1920)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	5	0.15
(30,1893)	1:98:A:ILE:HG12	1:104:A:PHE:HZ	6	0.15
(30,1892)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	10	0.15
(30,1892)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	10	0.15
(30,1892)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	10	0.15
(30,1885)	1:104:A:PHE:HE1	1:115:A:ALA:H	13	0.15
(30,1885)	1:104:A:PHE:HE2	1:115:A:ALA:H	13	0.15
(30,1822)	1:9:A:PHE:HZ	1:11:A:ILE:HB	16	0.15
(30,1786)	1:80:A:TYR:HD1	1:81:A:GLU:HG2	16	0.15
(30,1786)	1:80:A:TYR:HD1	1:81:A:GLU:HG3	16	0.15
(30,1786)	1:80:A:TYR:HD2	1:81:A:GLU:HG2	16	0.15
(30,1786)	1:80:A:TYR:HD2	1:81:A:GLU:HG3	16	0.15
(30,1728)	1:19:A:ALA:HB1	1:20:A:THR:HG21	12	0.15
(30,1728)	1:19:A:ALA:HB1	1:20:A:THR:HG22	12	0.15
(30,1728)	1:19:A:ALA:HB1	1:20:A:THR:HG23	12	0.15
(30,1728)	1:19:A:ALA:HB2	1:20:A:THR:HG21	12	0.15
(30,1728)	1:19:A:ALA:HB2	1:20:A:THR:HG22	12	0.15
(30,1728)	1:19:A:ALA:HB2	1:20:A:THR:HG23	12	0.15
(30,1728)	1:19:A:ALA:HB3	1:20:A:THR:HG21	12	0.15
(30,1728)	1:19:A:ALA:HB3	1:20:A:THR:HG22	12	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1728)	1:19:A:ALA:HB3	1:20:A:THR:HG23	12	0.15
(30,1691)	1:69:A:MET:HG3	1:109:A:PRO:HA	10	0.15
(30,1673)	1:107:A:LEU:H	1:111:A:GLU:HB2	13	0.15
(30,1673)	1:107:A:LEU:H	1:111:A:GLU:HB3	13	0.15
(30,1601)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	15	0.15
(30,1601)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	15	0.15
(30,1601)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	15	0.15
(30,1587)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	7	0.15
(30,1587)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	7	0.15
(30,1587)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	7	0.15
(30,1573)	1:11:A:ILE:HG21	1:11:A:ILE:HD11	14	0.15
(30,1573)	1:11:A:ILE:HG21	1:11:A:ILE:HD12	14	0.15
(30,1573)	1:11:A:ILE:HG21	1:11:A:ILE:HD13	14	0.15
(30,1573)	1:11:A:ILE:HG22	1:11:A:ILE:HD11	14	0.15
(30,1573)	1:11:A:ILE:HG22	1:11:A:ILE:HD12	14	0.15
(30,1573)	1:11:A:ILE:HG22	1:11:A:ILE:HD13	14	0.15
(30,1573)	1:11:A:ILE:HG23	1:11:A:ILE:HD11	14	0.15
(30,1573)	1:11:A:ILE:HG23	1:11:A:ILE:HD12	14	0.15
(30,1573)	1:11:A:ILE:HG23	1:11:A:ILE:HD13	14	0.15
(30,1541)	1:63:A:ILE:HG21	1:69:A:MET:HE1	7	0.15
(30,1541)	1:63:A:ILE:HG21	1:69:A:MET:HE2	7	0.15
(30,1541)	1:63:A:ILE:HG21	1:69:A:MET:HE3	7	0.15
(30,1541)	1:63:A:ILE:HG22	1:69:A:MET:HE1	7	0.15
(30,1541)	1:63:A:ILE:HG22	1:69:A:MET:HE2	7	0.15
(30,1541)	1:63:A:ILE:HG22	1:69:A:MET:HE3	7	0.15
(30,1541)	1:63:A:ILE:HG23	1:69:A:MET:HE1	7	0.15
(30,1541)	1:63:A:ILE:HG23	1:69:A:MET:HE2	7	0.15
(30,1541)	1:63:A:ILE:HG23	1:69:A:MET:HE3	7	0.15
(30,1529)	1:66:A:THR:HG21	1:69:A:MET:HE1	6	0.15
(30,1529)	1:66:A:THR:HG21	1:69:A:MET:HE2	6	0.15
(30,1529)	1:66:A:THR:HG21	1:69:A:MET:HE3	6	0.15
(30,1529)	1:66:A:THR:HG22	1:69:A:MET:HE1	6	0.15
(30,1529)	1:66:A:THR:HG22	1:69:A:MET:HE2	6	0.15
(30,1529)	1:66:A:THR:HG22	1:69:A:MET:HE3	6	0.15
(30,1529)	1:66:A:THR:HG23	1:69:A:MET:HE1	6	0.15
(30,1529)	1:66:A:THR:HG23	1:69:A:MET:HE2	6	0.15
(30,1529)	1:66:A:THR:HG23	1:69:A:MET:HE3	6	0.15
(30,1518)	1:110:A:MET:HE1	1:113:A:PHE:HE1	13	0.15
(30,1518)	1:110:A:MET:HE1	1:113:A:PHE:HE2	13	0.15
(30,1518)	1:110:A:MET:HE2	1:113:A:PHE:HE1	13	0.15
(30,1518)	1:110:A:MET:HE2	1:113:A:PHE:HE2	13	0.15
(30,1518)	1:110:A:MET:HE3	1:113:A:PHE:HE1	13	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1518)	1:110:A:MET:HE3	1:113:A:PHE:HE2	13	0.15
(30,1444)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	12	0.15
(30,1444)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	12	0.15
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	17	0.15
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	17	0.15
(30,1406)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	17	0.15
(30,1353)	1:121:A:VAL:H	1:121:A:VAL:HG11	17	0.15
(30,1353)	1:121:A:VAL:H	1:121:A:VAL:HG12	17	0.15
(30,1353)	1:121:A:VAL:H	1:121:A:VAL:HG13	17	0.15
(30,1324)	1:64:A:LYS:HA	1:64:A:LYS:HD2	13	0.15
(30,1324)	1:64:A:LYS:HA	1:64:A:LYS:HD3	13	0.15
(30,1202)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	1	0.15
(30,1202)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	1	0.15
(30,1202)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	1	0.15
(30,1202)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	1	0.15
(30,1202)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	1	0.15
(30,1202)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	1	0.15
(30,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE1	8	0.15
(30,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE2	8	0.15
(30,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE1	9	0.15
(30,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE2	9	0.15
(30,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE1	13	0.15
(30,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE2	13	0.15
(30,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE1	17	0.15
(30,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE2	17	0.15
(30,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE1	19	0.15
(30,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE2	19	0.15
(30,1118)	1:40:A:LEU:HA	1:43:A:MET:HG3	9	0.15
(30,1029)	1:11:A:ILE:HA	1:11:A:ILE:HG12	15	0.15
(30,1027)	1:11:A:ILE:HB	1:44:A:GLU:HB2	9	0.15
(30,1027)	1:11:A:ILE:HB	1:44:A:GLU:HB3	9	0.15
(30,1018)	1:41:A:LYS:HA	1:44:A:GLU:HB2	18	0.15
(30,1018)	1:41:A:LYS:HA	1:44:A:GLU:HB3	18	0.15
(30,964)	1:14:A:VAL:HB	1:15:A:ALA:HB1	19	0.15
(30,964)	1:14:A:VAL:HB	1:15:A:ALA:HB2	19	0.15
(30,964)	1:14:A:VAL:HB	1:15:A:ALA:HB3	19	0.15
(30,902)	1:150:A:THR:H	1:150:A:THR:HB	2	0.15
(30,867)	1:11:A:ILE:HG21	1:40:A:LEU:HB2	6	0.15
(30,867)	1:11:A:ILE:HG22	1:40:A:LEU:HB2	6	0.15
(30,867)	1:11:A:ILE:HG23	1:40:A:LEU:HB2	6	0.15
(30,824)	1:114:A:ILE:HD11	1:117:A:VAL:H	2	0.15
(30,824)	1:114:A:ILE:HD12	1:117:A:VAL:H	2	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,824)	1:114:A:ILE:HD13	1:117:A:VAL:H	2	0.15
(30,823)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	4	0.15
(30,823)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	4	0.15
(30,823)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	4	0.15
(30,823)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	4	0.15
(30,823)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	4	0.15
(30,823)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	4	0.15
(30,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	7	0.15
(30,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	7	0.15
(30,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	7	0.15
(30,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	7	0.15
(30,783)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	3	0.15
(30,783)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	3	0.15
(30,783)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	3	0.15
(30,783)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	3	0.15
(30,783)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	3	0.15
(30,783)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	3	0.15
(30,780)	1:60:A:LEU:H	1:63:A:ILE:HD11	17	0.15
(30,780)	1:60:A:LEU:H	1:63:A:ILE:HD12	17	0.15
(30,780)	1:60:A:LEU:H	1:63:A:ILE:HD13	17	0.15
(30,765)	1:101:A:ILE:HD11	1:119:A:LEU:HA	19	0.15
(30,765)	1:101:A:ILE:HD12	1:119:A:LEU:HA	19	0.15
(30,765)	1:101:A:ILE:HD13	1:119:A:LEU:HA	19	0.15
(30,740)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	18	0.15
(30,740)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	18	0.15
(30,731)	1:45:A:ALA:H	1:46:A:ASN:HD22	5	0.15
(30,712)	1:45:A:ALA:H	1:48:A:ARG:HE	9	0.15
(30,708)	1:45:A:ALA:HB1	1:48:A:ARG:HE	1	0.15
(30,708)	1:45:A:ALA:HB2	1:48:A:ARG:HE	1	0.15
(30,708)	1:45:A:ALA:HB3	1:48:A:ARG:HE	1	0.15
(30,708)	1:45:A:ALA:HB1	1:48:A:ARG:HE	3	0.15
(30,708)	1:45:A:ALA:HB2	1:48:A:ARG:HE	3	0.15
(30,708)	1:45:A:ALA:HB3	1:48:A:ARG:HE	3	0.15
(30,687)	1:145:A:PRO:HB3	1:148:A:CYS:H	7	0.15
(30,552)	1:73:A:ILE:HD11	1:110:A:MET:H	1	0.15
(30,552)	1:73:A:ILE:HD12	1:110:A:MET:H	1	0.15
(30,552)	1:73:A:ILE:HD13	1:110:A:MET:H	1	0.15
(30,461)	1:18:A:PHE:H	1:113:A:PHE:HE1	14	0.15
(30,461)	1:18:A:PHE:H	1:113:A:PHE:HE2	14	0.15
(30,298)	1:128:A:LEU:HB3	1:129:A:LYS:H	6	0.15
(30,273)	1:112:A:GLN:H	1:112:A:GLN:HE21	18	0.15
(30,204)	1:101:A:ILE:H	1:101:A:ILE:HB	5	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,178)	1:93:A:GLU:H	1:93:A:GLU:HG2	18	0.15
(30,178)	1:93:A:GLU:H	1:93:A:GLU:HG3	18	0.15
(30,128)	1:42:A:GLU:H	1:43:A:MET:HB2	10	0.15
(30,12)	1:64:A:LYS:H	1:116:A:GLN:HG2	6	0.15
(29,2358)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	19	0.15
(29,2358)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	19	0.15
(29,2358)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	19	0.15
(29,2358)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	19	0.15
(29,2358)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	19	0.15
(29,2358)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	19	0.15
(29,2326)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	16	0.15
(29,2326)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	16	0.15
(29,2326)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	16	0.15
(29,2326)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	16	0.15
(29,2312)	1:107:A:LEU:HA	1:108:A:GLU:HG2	8	0.15
(29,2312)	1:107:A:LEU:HA	1:108:A:GLU:HG3	8	0.15
(29,2284)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	6	0.15
(29,2284)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	6	0.15
(29,2284)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	6	0.15
(29,2284)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	6	0.15
(29,2284)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	6	0.15
(29,2284)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	6	0.15
(29,2284)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	6	0.15
(29,2284)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	6	0.15
(29,2284)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	6	0.15
(29,2284)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	6	0.15
(29,2284)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	6	0.15
(29,2284)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	6	0.15
(29,2259)	1:74:A:PRO:HA	1:77:A:CYS:HB2	1	0.15
(29,2259)	1:74:A:PRO:HA	1:77:A:CYS:HB3	1	0.15
(29,2250)	1:72:A:PHE:HA	1:109:A:PRO:HG2	7	0.15
(29,2250)	1:72:A:PHE:HA	1:109:A:PRO:HG3	7	0.15
(29,2243)	1:70:A:LYS:H	1:70:A:LYS:HD2	5	0.15
(29,2243)	1:70:A:LYS:H	1:70:A:LYS:HD3	5	0.15
(29,2031)	1:16:A:SER:HB2	1:43:A:MET:HE1	12	0.15
(29,2031)	1:16:A:SER:HB2	1:43:A:MET:HE2	12	0.15
(29,2031)	1:16:A:SER:HB2	1:43:A:MET:HE3	12	0.15
(29,2031)	1:16:A:SER:HB3	1:43:A:MET:HE1	12	0.15
(29,2031)	1:16:A:SER:HB3	1:43:A:MET:HE2	12	0.15
(29,2031)	1:16:A:SER:HB3	1:43:A:MET:HE3	12	0.15
(29,2013)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	4	0.15
(29,2013)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	4	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2013)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	4	0.15
(29,2013)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	4	0.15
(29,2013)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	4	0.15
(29,2013)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	4	0.15
(29,2013)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	4	0.15
(29,2013)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	4	0.15
(29,2013)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	4	0.15
(29,2013)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	4	0.15
(29,2013)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	4	0.15
(29,2013)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	4	0.15
(29,2006)	1:14:A:VAL:HB	1:131:A:LEU:HD11	6	0.15
(29,2006)	1:14:A:VAL:HB	1:131:A:LEU:HD12	6	0.15
(29,2006)	1:14:A:VAL:HB	1:131:A:LEU:HD13	6	0.15
(29,2006)	1:14:A:VAL:HB	1:131:A:LEU:HD21	6	0.15
(29,2006)	1:14:A:VAL:HB	1:131:A:LEU:HD22	6	0.15
(29,2006)	1:14:A:VAL:HB	1:131:A:LEU:HD23	6	0.15
(29,1932)	1:58:A:ILE:HB	1:62:A:HIS:HE1	11	0.15
(29,1910)	1:98:A:ILE:HG12	1:104:A:PHE:HZ	6	0.15
(29,1902)	1:104:A:PHE:HE1	1:115:A:ALA:H	13	0.15
(29,1902)	1:104:A:PHE:HE2	1:115:A:ALA:H	13	0.15
(29,1865)	1:79:A:THR:HB	1:80:A:TYR:HE1	4	0.15
(29,1865)	1:79:A:THR:HB	1:80:A:TYR:HE2	4	0.15
(29,1854)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	6	0.15
(29,1854)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	6	0.15
(29,1854)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	6	0.15
(29,1840)	1:9:A:PHE:HZ	1:11:A:ILE:HB	2	0.15
(29,1826)	1:104:A:PHE:HE1	1:105:A:LYS:HA	9	0.15
(29,1826)	1:104:A:PHE:HE2	1:105:A:LYS:HA	9	0.15
(29,1806)	1:80:A:TYR:HD1	1:81:A:GLU:HG2	16	0.15
(29,1806)	1:80:A:TYR:HD1	1:81:A:GLU:HG3	16	0.15
(29,1806)	1:80:A:TYR:HD2	1:81:A:GLU:HG2	16	0.15
(29,1806)	1:80:A:TYR:HD2	1:81:A:GLU:HG3	16	0.15
(29,1804)	1:13:A:ALA:H	1:80:A:TYR:HD1	6	0.15
(29,1804)	1:13:A:ALA:H	1:80:A:TYR:HD2	6	0.15
(29,1792)	1:67:A:PRO:HA	1:71:A:LYS:H	11	0.15
(29,1746)	1:149:A:ALA:HB1	1:150:A:THR:HG21	2	0.15
(29,1746)	1:149:A:ALA:HB1	1:150:A:THR:HG22	2	0.15
(29,1746)	1:149:A:ALA:HB1	1:150:A:THR:HG23	2	0.15
(29,1746)	1:149:A:ALA:HB2	1:150:A:THR:HG21	2	0.15
(29,1746)	1:149:A:ALA:HB2	1:150:A:THR:HG22	2	0.15
(29,1746)	1:149:A:ALA:HB2	1:150:A:THR:HG23	2	0.15
(29,1746)	1:149:A:ALA:HB3	1:150:A:THR:HG21	2	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1746)	1:149:A:ALA:HB3	1:150:A:THR:HG22	2	0.15
(29,1746)	1:149:A:ALA:HB3	1:150:A:THR:HG23	2	0.15
(29,1745)	1:21:A:THR:HG21	1:24:A:ASP:HB2	17	0.15
(29,1745)	1:21:A:THR:HG21	1:24:A:ASP:HB3	17	0.15
(29,1745)	1:21:A:THR:HG22	1:24:A:ASP:HB2	17	0.15
(29,1745)	1:21:A:THR:HG22	1:24:A:ASP:HB3	17	0.15
(29,1745)	1:21:A:THR:HG23	1:24:A:ASP:HB2	17	0.15
(29,1745)	1:21:A:THR:HG23	1:24:A:ASP:HB3	17	0.15
(29,1723)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	17	0.15
(29,1723)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	17	0.15
(29,1692)	1:107:A:LEU:H	1:111:A:GLU:HB2	13	0.15
(29,1692)	1:107:A:LEU:H	1:111:A:GLU:HB3	13	0.15
(29,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	19	0.15
(29,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	19	0.15
(29,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	19	0.15
(29,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	19	0.15
(29,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	19	0.15
(29,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	19	0.15
(29,1619)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	15	0.15
(29,1619)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	15	0.15
(29,1619)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	15	0.15
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	4	0.15
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	4	0.15
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	4	0.15
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	4	0.15
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	4	0.15
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	4	0.15
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	11	0.15
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	11	0.15
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	11	0.15
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	11	0.15
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	11	0.15
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	11	0.15
(29,1584)	1:11:A:ILE:HG21	1:11:A:ILE:HD11	14	0.15
(29,1584)	1:11:A:ILE:HG21	1:11:A:ILE:HD12	14	0.15
(29,1584)	1:11:A:ILE:HG21	1:11:A:ILE:HD13	14	0.15
(29,1584)	1:11:A:ILE:HG22	1:11:A:ILE:HD11	14	0.15
(29,1584)	1:11:A:ILE:HG22	1:11:A:ILE:HD12	14	0.15
(29,1584)	1:11:A:ILE:HG22	1:11:A:ILE:HD13	14	0.15
(29,1584)	1:11:A:ILE:HG23	1:11:A:ILE:HD11	14	0.15
(29,1584)	1:11:A:ILE:HG23	1:11:A:ILE:HD12	14	0.15
(29,1584)	1:11:A:ILE:HG23	1:11:A:ILE:HD13	14	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE1	12	0.15
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE2	12	0.15
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE3	12	0.15
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE1	12	0.15
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE2	12	0.15
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE3	12	0.15
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE1	12	0.15
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE2	12	0.15
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE3	12	0.15
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE1	14	0.15
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE2	14	0.15
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE3	14	0.15
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE1	14	0.15
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE2	14	0.15
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE3	14	0.15
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE1	14	0.15
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE2	14	0.15
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE3	14	0.15
(29,1532)	1:110:A:MET:HE1	1:113:A:PHE:HE1	13	0.15
(29,1532)	1:110:A:MET:HE1	1:113:A:PHE:HE2	13	0.15
(29,1532)	1:110:A:MET:HE2	1:113:A:PHE:HE1	13	0.15
(29,1532)	1:110:A:MET:HE2	1:113:A:PHE:HE2	13	0.15
(29,1532)	1:110:A:MET:HE3	1:113:A:PHE:HE1	13	0.15
(29,1532)	1:110:A:MET:HE3	1:113:A:PHE:HE2	13	0.15
(29,1522)	1:43:A:MET:HB2	1:43:A:MET:HE1	18	0.15
(29,1522)	1:43:A:MET:HB2	1:43:A:MET:HE2	18	0.15
(29,1522)	1:43:A:MET:HB2	1:43:A:MET:HE3	18	0.15
(29,1522)	1:43:A:MET:HB3	1:43:A:MET:HE1	18	0.15
(29,1522)	1:43:A:MET:HB3	1:43:A:MET:HE2	18	0.15
(29,1522)	1:43:A:MET:HB3	1:43:A:MET:HE3	18	0.15
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE1	10	0.15
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE2	10	0.15
(29,1511)	1:43:A:MET:H	1:43:A:MET:HE3	10	0.15
(29,1489)	1:101:A:ILE:HG21	1:115:A:ALA:HA	2	0.15
(29,1489)	1:101:A:ILE:HG22	1:115:A:ALA:HA	2	0.15
(29,1489)	1:101:A:ILE:HG23	1:115:A:ALA:HA	2	0.15
(29,1489)	1:101:A:ILE:HG21	1:115:A:ALA:HA	14	0.15
(29,1489)	1:101:A:ILE:HG22	1:115:A:ALA:HA	14	0.15
(29,1489)	1:101:A:ILE:HG23	1:115:A:ALA:HA	14	0.15
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB2	9	0.15
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB3	9	0.15
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB2	9	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB3	9	0.15
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB2	9	0.15
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB3	9	0.15
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB2	16	0.15
(29,1482)	1:45:A:ALA:HB1	1:49:A:LYS:HB3	16	0.15
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB2	16	0.15
(29,1482)	1:45:A:ALA:HB2	1:49:A:LYS:HB3	16	0.15
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB2	16	0.15
(29,1482)	1:45:A:ALA:HB3	1:49:A:LYS:HB3	16	0.15
(29,1465)	1:13:A:ALA:HB1	1:61:A:SER:HA	12	0.15
(29,1465)	1:13:A:ALA:HB2	1:61:A:SER:HA	12	0.15
(29,1465)	1:13:A:ALA:HB3	1:61:A:SER:HA	12	0.15
(29,1408)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	3	0.15
(29,1408)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	3	0.15
(29,1408)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	3	0.15
(29,1408)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	3	0.15
(29,1408)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	3	0.15
(29,1408)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	3	0.15
(29,1408)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	3	0.15
(29,1408)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	3	0.15
(29,1408)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	3	0.15
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG11	19	0.15
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG12	19	0.15
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG13	19	0.15
(29,1362)	1:121:A:VAL:H	1:121:A:VAL:HG11	17	0.15
(29,1362)	1:121:A:VAL:H	1:121:A:VAL:HG12	17	0.15
(29,1362)	1:121:A:VAL:H	1:121:A:VAL:HG13	17	0.15
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD11	15	0.15
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD12	15	0.15
(29,1323)	1:66:A:THR:HG21	1:98:A:ILE:HD13	15	0.15
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD11	15	0.15
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD12	15	0.15
(29,1323)	1:66:A:THR:HG22	1:98:A:ILE:HD13	15	0.15
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD11	15	0.15
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD12	15	0.15
(29,1323)	1:66:A:THR:HG23	1:98:A:ILE:HD13	15	0.15
(29,1245)	1:136:A:CYS:HA	1:140:A:LEU:HD11	12	0.15
(29,1245)	1:136:A:CYS:HA	1:140:A:LEU:HD12	12	0.15
(29,1245)	1:136:A:CYS:HA	1:140:A:LEU:HD13	12	0.15
(29,1163)	1:145:A:PRO:HB2	1:146:A:GLN:HA	11	0.15
(29,1125)	1:129:A:LYS:HA	1:132:A:ALA:HB1	4	0.15
(29,1125)	1:129:A:LYS:HA	1:132:A:ALA:HB2	4	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1125)	1:129:A:LYS:HA	1:132:A:ALA:HB3	4	0.15
(29,1051)	1:11:A:ILE:HB	1:44:A:GLU:HB2	9	0.15
(29,1051)	1:11:A:ILE:HB	1:44:A:GLU:HB3	9	0.15
(29,1043)	1:41:A:LYS:HA	1:44:A:GLU:HB2	18	0.15
(29,1043)	1:41:A:LYS:HA	1:44:A:GLU:HB3	18	0.15
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG11	1	0.15
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG12	1	0.15
(29,973)	1:43:A:MET:HB3	1:134:A:VAL:HG13	1	0.15
(29,937)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	14	0.15
(29,937)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	14	0.15
(29,934)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	18	0.15
(29,934)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	18	0.15
(29,907)	1:21:A:THR:HB	1:23:A:LEU:H	10	0.15
(29,883)	1:11:A:ILE:HG21	1:40:A:LEU:HB2	6	0.15
(29,883)	1:11:A:ILE:HG22	1:40:A:LEU:HB2	6	0.15
(29,883)	1:11:A:ILE:HG23	1:40:A:LEU:HB2	6	0.15
(29,858)	1:49:A:LYS:HA	1:49:A:LYS:HE2	8	0.15
(29,858)	1:49:A:LYS:HA	1:49:A:LYS:HE3	8	0.15
(29,840)	1:114:A:ILE:HD11	1:117:A:VAL:H	2	0.15
(29,840)	1:114:A:ILE:HD12	1:117:A:VAL:H	2	0.15
(29,840)	1:114:A:ILE:HD13	1:117:A:VAL:H	2	0.15
(29,826)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	13	0.15
(29,826)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	13	0.15
(29,826)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	13	0.15
(29,824)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	15	0.15
(29,824)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	15	0.15
(29,824)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	15	0.15
(29,790)	1:101:A:ILE:H	1:101:A:ILE:HD11	7	0.15
(29,790)	1:101:A:ILE:H	1:101:A:ILE:HD12	7	0.15
(29,790)	1:101:A:ILE:H	1:101:A:ILE:HD13	7	0.15
(29,790)	1:101:A:ILE:H	1:101:A:ILE:HD11	13	0.15
(29,790)	1:101:A:ILE:H	1:101:A:ILE:HD12	13	0.15
(29,790)	1:101:A:ILE:H	1:101:A:ILE:HD13	13	0.15
(29,723)	1:48:A:ARG:HE	1:49:A:LYS:H	14	0.15
(29,719)	1:45:A:ALA:HB1	1:48:A:ARG:HE	1	0.15
(29,719)	1:45:A:ALA:HB2	1:48:A:ARG:HE	1	0.15
(29,719)	1:45:A:ALA:HB3	1:48:A:ARG:HE	1	0.15
(29,719)	1:45:A:ALA:HB1	1:48:A:ARG:HE	3	0.15
(29,719)	1:45:A:ALA:HB2	1:48:A:ARG:HE	3	0.15
(29,719)	1:45:A:ALA:HB3	1:48:A:ARG:HE	3	0.15
(29,679)	1:120:A:CYS:H	1:121:A:VAL:HG11	16	0.15
(29,679)	1:120:A:CYS:H	1:121:A:VAL:HG12	16	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,679)	1:120:A:CYS:H	1:121:A:VAL:HG13	16	0.15
(29,677)	1:116:A:GLN:HG3	1:117:A:VAL:H	4	0.15
(29,596)	1:74:A:PRO:HD2	1:75:A:GLY:H	2	0.15
(29,596)	1:74:A:PRO:HD2	1:75:A:GLY:H	3	0.15
(29,596)	1:74:A:PRO:HD2	1:75:A:GLY:H	4	0.15
(29,596)	1:74:A:PRO:HD2	1:75:A:GLY:H	6	0.15
(29,596)	1:74:A:PRO:HD2	1:75:A:GLY:H	7	0.15
(29,596)	1:74:A:PRO:HD2	1:75:A:GLY:H	8	0.15
(29,596)	1:74:A:PRO:HD2	1:75:A:GLY:H	10	0.15
(29,596)	1:74:A:PRO:HD2	1:75:A:GLY:H	12	0.15
(29,596)	1:74:A:PRO:HD2	1:75:A:GLY:H	13	0.15
(29,596)	1:74:A:PRO:HD2	1:75:A:GLY:H	16	0.15
(29,596)	1:74:A:PRO:HD2	1:75:A:GLY:H	19	0.15
(29,555)	1:73:A:ILE:HD11	1:110:A:MET:H	1	0.15
(29,555)	1:73:A:ILE:HD12	1:110:A:MET:H	1	0.15
(29,555)	1:73:A:ILE:HD13	1:110:A:MET:H	1	0.15
(29,486)	1:147:A:ARG:HG2	1:148:A:CYS:H	3	0.15
(29,486)	1:147:A:ARG:HG3	1:148:A:CYS:H	3	0.15
(29,464)	1:18:A:PHE:H	1:113:A:PHE:HE1	14	0.15
(29,464)	1:18:A:PHE:H	1:113:A:PHE:HE2	14	0.15
(29,446)	1:68:A:LYS:H	1:70:A:LYS:HG3	7	0.15
(29,322)	1:46:A:ASN:H	1:49:A:LYS:HB2	13	0.15
(29,322)	1:46:A:ASN:H	1:49:A:LYS:HB3	13	0.15
(29,292)	1:120:A:CYS:H	1:121:A:VAL:H	6	0.15
(29,292)	1:120:A:CYS:H	1:121:A:VAL:H	18	0.15
(29,272)	1:112:A:GLN:H	1:112:A:GLN:HE21	18	0.15
(29,231)	1:45:A:ALA:HA	1:48:A:ARG:H	1	0.15
(29,220)	1:48:A:ARG:H	1:48:A:ARG:HD2	11	0.15
(29,220)	1:48:A:ARG:H	1:48:A:ARG:HD3	11	0.15
(29,132)	1:42:A:GLU:H	1:43:A:MET:HB2	10	0.15
(29,118)	1:80:A:TYR:H	1:81:A:GLU:HG2	19	0.15
(29,118)	1:80:A:TYR:H	1:81:A:GLU:HG3	19	0.15
(29,108)	1:69:A:MET:H	1:69:A:MET:HE1	3	0.15
(29,108)	1:69:A:MET:H	1:69:A:MET:HE2	3	0.15
(29,108)	1:69:A:MET:H	1:69:A:MET:HE3	3	0.15
(28,9)	1:136:A:CYS:CB	1:148:A:CYS:CB	13	0.15
(24,41)	1:120:A:CYS:H	1:116:A:GLN:O	8	0.15
(24,41)	1:120:A:CYS:H	1:116:A:GLN:O	19	0.15
(24,35)	1:117:A:VAL:H	1:113:A:PHE:O	8	0.15
(24,33)	1:116:A:GLN:H	1:112:A:GLN:O	6	0.15
(24,25)	1:107:A:LEU:H	1:103:A:ARG:O	15	0.15
(24,23)	1:101:A:ILE:H	1:98:A:ILE:O	5	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(23,20)	1:128:A:LEU:N	1:124:A:THR:O	1	0.15
(23,14)	1:115:A:ALA:N	1:111:A:GLU:O	1	0.15
(23,14)	1:115:A:ALA:N	1:111:A:GLU:O	2	0.15
(23,14)	1:115:A:ALA:N	1:111:A:GLU:O	3	0.15
(23,8)	1:61:A:SER:N	1:57:A:LEU:O	17	0.15
(23,8)	1:61:A:SER:N	1:57:A:LEU:O	18	0.15
(23,8)	1:61:A:SER:N	1:57:A:LEU:O	19	0.15
(23,6)	1:59:A:CYS:N	1:55:A:GLY:O	5	0.15
(23,3)	1:44:A:GLU:N	1:40:A:LEU:O	11	0.15
(23,3)	1:44:A:GLU:N	1:40:A:LEU:O	19	0.15
(22,20)	1:101:A:ILE:N	1:98:A:ILE:C	3	0.15
(22,4)	1:39:A:VAL:N	1:36:A:PRO:C	11	0.15
(18,2422)	1:137:A:SER:HB2	1:139:A:LEU:H	12	0.15
(18,2422)	1:137:A:SER:HB3	1:139:A:LEU:H	12	0.15
(18,2316)	1:107:A:LEU:HD11	1:108:A:GLU:H	18	0.15
(18,2316)	1:107:A:LEU:HD12	1:108:A:GLU:H	18	0.15
(18,2316)	1:107:A:LEU:HD13	1:108:A:GLU:H	18	0.15
(18,2316)	1:107:A:LEU:HD21	1:108:A:GLU:H	18	0.15
(18,2316)	1:107:A:LEU:HD22	1:108:A:GLU:H	18	0.15
(18,2316)	1:107:A:LEU:HD23	1:108:A:GLU:H	18	0.15
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	2	0.15
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	2	0.15
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	2	0.15
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	2	0.15
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	2	0.15
(18,2305)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	2	0.15
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	2	0.15
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	2	0.15
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	2	0.15
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	2	0.15
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	2	0.15
(18,2305)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	2	0.15
(18,2291)	1:100:A:ALA:HA	1:119:A:LEU:HD11	5	0.15
(18,2291)	1:100:A:ALA:HA	1:119:A:LEU:HD12	5	0.15
(18,2291)	1:100:A:ALA:HA	1:119:A:LEU:HD13	5	0.15
(18,2291)	1:100:A:ALA:HA	1:119:A:LEU:HD21	5	0.15
(18,2291)	1:100:A:ALA:HA	1:119:A:LEU:HD22	5	0.15
(18,2291)	1:100:A:ALA:HA	1:119:A:LEU:HD23	5	0.15
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	7	0.15
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	7	0.15
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	7	0.15
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	7	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	7	0.15
(18,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	7	0.15
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	7	0.15
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	7	0.15
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	7	0.15
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	7	0.15
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	7	0.15
(18,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	7	0.15
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	7	0.15
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	7	0.15
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	7	0.15
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	7	0.15
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	7	0.15
(18,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	7	0.15
(18,2277)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	14	0.15
(18,2277)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	14	0.15
(18,2277)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	14	0.15
(18,2277)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	14	0.15
(18,2277)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	14	0.15
(18,2277)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	14	0.15
(18,2254)	1:72:A:PHE:HA	1:109:A:PRO:HG2	7	0.15
(18,2254)	1:72:A:PHE:HA	1:109:A:PRO:HG3	7	0.15
(18,2225)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	9	0.15
(18,2225)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	9	0.15
(18,2225)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	9	0.15
(18,2225)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	9	0.15
(18,2225)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	9	0.15
(18,2225)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	9	0.15
(18,2225)	1:60:A:LEU:HD11	1:122:A:ASP:HB3	9	0.15
(18,2225)	1:60:A:LEU:HD12	1:122:A:ASP:HB3	9	0.15
(18,2225)	1:60:A:LEU:HD13	1:122:A:ASP:HB3	9	0.15
(18,2225)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	9	0.15
(18,2225)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	9	0.15
(18,2225)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	9	0.15
(18,2062)	1:35:A:LEU:H	1:35:A:LEU:HD11	3	0.15
(18,2062)	1:35:A:LEU:H	1:35:A:LEU:HD12	3	0.15
(18,2062)	1:35:A:LEU:H	1:35:A:LEU:HD13	3	0.15
(18,2062)	1:35:A:LEU:H	1:35:A:LEU:HD21	3	0.15
(18,2062)	1:35:A:LEU:H	1:35:A:LEU:HD22	3	0.15
(18,2062)	1:35:A:LEU:H	1:35:A:LEU:HD23	3	0.15
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD11	14	0.15
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD12	14	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD13	14	0.15
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD21	14	0.15
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD22	14	0.15
(18,2060)	1:32:A:GLY:H	1:35:A:LEU:HD23	14	0.15
(18,1998)	1:14:A:VAL:HG11	1:62:A:HIS:H	7	0.15
(18,1998)	1:14:A:VAL:HG12	1:62:A:HIS:H	7	0.15
(18,1998)	1:14:A:VAL:HG13	1:62:A:HIS:H	7	0.15
(18,1998)	1:14:A:VAL:HG21	1:62:A:HIS:H	7	0.15
(18,1998)	1:14:A:VAL:HG22	1:62:A:HIS:H	7	0.15
(18,1998)	1:14:A:VAL:HG23	1:62:A:HIS:H	7	0.15
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	2	0.15
(18,1971)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	2	0.15
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	2	0.15
(18,1971)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	2	0.15
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	2	0.15
(18,1971)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	2	0.15
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	2	0.15
(18,1971)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	2	0.15
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	2	0.15
(18,1971)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	2	0.15
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	2	0.15
(18,1971)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	2	0.15
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD11	11	0.15
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD12	11	0.15
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD13	11	0.15
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD21	11	0.15
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD22	11	0.15
(18,1958)	1:11:A:ILE:HG13	1:131:A:LEU:HD23	11	0.15
(18,1880)	1:98:A:ILE:HG12	1:104:A:PHE:HZ	6	0.15
(18,1879)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	10	0.15
(18,1879)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	10	0.15
(18,1879)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	10	0.15
(18,1872)	1:104:A:PHE:HE1	1:115:A:ALA:H	13	0.15
(18,1872)	1:104:A:PHE:HE2	1:115:A:ALA:H	13	0.15
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	18	0.15
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	18	0.15
(18,1810)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	18	0.15
(18,1809)	1:9:A:PHE:HZ	1:11:A:ILE:HB	16	0.15
(18,1805)	1:113:A:PHE:HD1	1:114:A:ILE:HD11	6	0.15
(18,1805)	1:113:A:PHE:HD1	1:114:A:ILE:HD12	6	0.15
(18,1805)	1:113:A:PHE:HD1	1:114:A:ILE:HD13	6	0.15
(18,1805)	1:113:A:PHE:HD2	1:114:A:ILE:HD11	6	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1805)	1:113:A:PHE:HD2	1:114:A:ILE:HD12	6	0.15
(18,1805)	1:113:A:PHE:HD2	1:114:A:ILE:HD13	6	0.15
(18,1789)	1:104:A:PHE:HE1	1:105:A:LYS:HA	9	0.15
(18,1789)	1:104:A:PHE:HE2	1:105:A:LYS:HA	9	0.15
(18,1777)	1:9:A:PHE:HD1	1:54:A:ARG:HE	17	0.15
(18,1777)	1:9:A:PHE:HD2	1:54:A:ARG:HE	17	0.15
(18,1766)	1:80:A:TYR:HD1	1:81:A:GLU:HG2	16	0.15
(18,1766)	1:80:A:TYR:HD1	1:81:A:GLU:HG3	16	0.15
(18,1766)	1:80:A:TYR:HD2	1:81:A:GLU:HG2	16	0.15
(18,1766)	1:80:A:TYR:HD2	1:81:A:GLU:HG3	16	0.15
(18,1747)	1:57:A:LEU:HG	1:60:A:LEU:HG	13	0.15
(18,1709)	1:21:A:THR:HG21	1:24:A:ASP:HB2	17	0.15
(18,1709)	1:21:A:THR:HG21	1:24:A:ASP:HB3	17	0.15
(18,1709)	1:21:A:THR:HG22	1:24:A:ASP:HB2	17	0.15
(18,1709)	1:21:A:THR:HG22	1:24:A:ASP:HB3	17	0.15
(18,1709)	1:21:A:THR:HG23	1:24:A:ASP:HB2	17	0.15
(18,1709)	1:21:A:THR:HG23	1:24:A:ASP:HB3	17	0.15
(18,1672)	1:72:A:PHE:HB2	1:109:A:PRO:HA	6	0.15
(18,1672)	1:72:A:PHE:HB2	1:109:A:PRO:HA	13	0.15
(18,1635)	1:12:A:VAL:HG11	1:15:A:ALA:HB1	13	0.15
(18,1635)	1:12:A:VAL:HG11	1:15:A:ALA:HB2	13	0.15
(18,1635)	1:12:A:VAL:HG11	1:15:A:ALA:HB3	13	0.15
(18,1635)	1:12:A:VAL:HG12	1:15:A:ALA:HB1	13	0.15
(18,1635)	1:12:A:VAL:HG12	1:15:A:ALA:HB2	13	0.15
(18,1635)	1:12:A:VAL:HG12	1:15:A:ALA:HB3	13	0.15
(18,1635)	1:12:A:VAL:HG13	1:15:A:ALA:HB1	13	0.15
(18,1635)	1:12:A:VAL:HG13	1:15:A:ALA:HB2	13	0.15
(18,1635)	1:12:A:VAL:HG13	1:15:A:ALA:HB3	13	0.15
(18,1608)	1:149:A:ALA:HB1	1:151:A:PHE:HA	7	0.15
(18,1608)	1:149:A:ALA:HB2	1:151:A:PHE:HA	7	0.15
(18,1608)	1:149:A:ALA:HB3	1:151:A:PHE:HA	7	0.15
(18,1575)	1:98:A:ILE:HG21	1:104:A:PHE:HE1	15	0.15
(18,1575)	1:98:A:ILE:HG21	1:104:A:PHE:HE2	15	0.15
(18,1575)	1:98:A:ILE:HG22	1:104:A:PHE:HE1	15	0.15
(18,1575)	1:98:A:ILE:HG22	1:104:A:PHE:HE2	15	0.15
(18,1575)	1:98:A:ILE:HG23	1:104:A:PHE:HE1	15	0.15
(18,1575)	1:98:A:ILE:HG23	1:104:A:PHE:HE2	15	0.15
(18,1555)	1:11:A:ILE:HG21	1:11:A:ILE:HD11	14	0.15
(18,1555)	1:11:A:ILE:HG21	1:11:A:ILE:HD12	14	0.15
(18,1555)	1:11:A:ILE:HG21	1:11:A:ILE:HD13	14	0.15
(18,1555)	1:11:A:ILE:HG22	1:11:A:ILE:HD11	14	0.15
(18,1555)	1:11:A:ILE:HG22	1:11:A:ILE:HD12	14	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1555)	1:11:A:ILE:HG22	1:11:A:ILE:HD13	14	0.15
(18,1555)	1:11:A:ILE:HG23	1:11:A:ILE:HD11	14	0.15
(18,1555)	1:11:A:ILE:HG23	1:11:A:ILE:HD12	14	0.15
(18,1555)	1:11:A:ILE:HG23	1:11:A:ILE:HD13	14	0.15
(18,1534)	1:63:A:ILE:HG21	1:69:A:MET:HE1	7	0.15
(18,1534)	1:63:A:ILE:HG21	1:69:A:MET:HE2	7	0.15
(18,1534)	1:63:A:ILE:HG21	1:69:A:MET:HE3	7	0.15
(18,1534)	1:63:A:ILE:HG22	1:69:A:MET:HE1	7	0.15
(18,1534)	1:63:A:ILE:HG22	1:69:A:MET:HE2	7	0.15
(18,1534)	1:63:A:ILE:HG22	1:69:A:MET:HE3	7	0.15
(18,1534)	1:63:A:ILE:HG23	1:69:A:MET:HE1	7	0.15
(18,1534)	1:63:A:ILE:HG23	1:69:A:MET:HE2	7	0.15
(18,1534)	1:63:A:ILE:HG23	1:69:A:MET:HE3	7	0.15
(18,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB1	6	0.15
(18,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB2	6	0.15
(18,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB3	6	0.15
(18,1432)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	17	0.15
(18,1432)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	17	0.15
(18,1432)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	17	0.15
(18,1424)	1:119:A:LEU:HA	1:121:A:VAL:HG21	15	0.15
(18,1424)	1:119:A:LEU:HA	1:121:A:VAL:HG22	15	0.15
(18,1424)	1:119:A:LEU:HA	1:121:A:VAL:HG23	15	0.15
(18,1407)	1:101:A:ILE:HG21	1:102:A:PRO:HD3	10	0.15
(18,1407)	1:101:A:ILE:HG22	1:102:A:PRO:HD3	10	0.15
(18,1407)	1:101:A:ILE:HG23	1:102:A:PRO:HD3	10	0.15
(18,1348)	1:121:A:VAL:H	1:121:A:VAL:HG11	17	0.15
(18,1348)	1:121:A:VAL:H	1:121:A:VAL:HG12	17	0.15
(18,1348)	1:121:A:VAL:H	1:121:A:VAL:HG13	17	0.15
(18,1236)	1:136:A:CYS:HA	1:140:A:LEU:HD11	12	0.15
(18,1236)	1:136:A:CYS:HA	1:140:A:LEU:HD12	12	0.15
(18,1236)	1:136:A:CYS:HA	1:140:A:LEU:HD13	12	0.15
(18,1099)	1:138:A:ASP:HA	1:141:A:LYS:HA	6	0.15
(18,1098)	1:108:A:GLU:HB2	1:109:A:PRO:HD3	3	0.15
(18,1089)	1:38:A:GLU:HA	1:41:A:LYS:H	12	0.15
(18,1054)	1:11:A:ILE:HA	1:11:A:ILE:HG12	15	0.15
(18,970)	1:66:A:THR:H	1:96:A:VAL:HB	12	0.15
(18,952)	1:14:A:VAL:HA	1:17:A:ASN:HD22	11	0.15
(18,884)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	10	0.15
(18,884)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	10	0.15
(18,884)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	10	0.15
(18,869)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	2	0.15
(18,868)	1:37:A:LEU:HB3	1:40:A:LEU:H	8	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,855)	1:49:A:LYS:HA	1:49:A:LYS:HE2	8	0.15
(18,855)	1:49:A:LYS:HA	1:49:A:LYS:HE3	8	0.15
(18,837)	1:114:A:ILE:HD11	1:117:A:VAL:H	2	0.15
(18,837)	1:114:A:ILE:HD12	1:117:A:VAL:H	2	0.15
(18,837)	1:114:A:ILE:HD13	1:117:A:VAL:H	2	0.15
(18,820)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	15	0.15
(18,820)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	15	0.15
(18,820)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	15	0.15
(18,783)	1:101:A:ILE:HD11	1:104:A:PHE:H	17	0.15
(18,783)	1:101:A:ILE:HD12	1:104:A:PHE:H	17	0.15
(18,783)	1:101:A:ILE:HD13	1:104:A:PHE:H	17	0.15
(18,749)	1:45:A:ALA:H	1:46:A:ASN:HD22	5	0.15
(18,729)	1:45:A:ALA:H	1:48:A:ARG:HE	9	0.15
(18,720)	1:23:A:LEU:HD21	1:27:A:ARG:HE	4	0.15
(18,720)	1:23:A:LEU:HD22	1:27:A:ARG:HE	4	0.15
(18,720)	1:23:A:LEU:HD23	1:27:A:ARG:HE	4	0.15
(18,711)	1:98:A:ILE:H	1:100:A:ALA:H	13	0.15
(18,686)	1:120:A:CYS:H	1:121:A:VAL:HG11	16	0.15
(18,686)	1:120:A:CYS:H	1:121:A:VAL:HG12	16	0.15
(18,686)	1:120:A:CYS:H	1:121:A:VAL:HG13	16	0.15
(18,663)	1:70:A:LYS:H	1:71:A:LYS:HB3	16	0.15
(18,631)	1:29:A:LYS:H	1:30:A:LEU:H	18	0.15
(18,485)	1:48:A:ARG:HA	1:53:A:THR:H	13	0.15
(18,306)	1:128:A:LEU:HB3	1:129:A:LYS:H	6	0.15
(18,299)	1:120:A:CYS:H	1:121:A:VAL:H	6	0.15
(18,299)	1:120:A:CYS:H	1:121:A:VAL:H	18	0.15
(18,279)	1:112:A:GLN:H	1:112:A:GLN:HE21	18	0.15
(18,222)	1:48:A:ARG:H	1:48:A:ARG:HD2	11	0.15
(18,222)	1:48:A:ARG:H	1:48:A:ARG:HD3	11	0.15
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD11	6	0.15
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD12	6	0.15
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD13	6	0.15
(18,184)	1:93:A:GLU:H	1:93:A:GLU:HB2	5	0.15
(18,184)	1:93:A:GLU:H	1:93:A:GLU:HB3	5	0.15
(18,183)	1:93:A:GLU:H	1:93:A:GLU:HG2	18	0.15
(18,183)	1:93:A:GLU:H	1:93:A:GLU:HG3	18	0.15
(18,169)	1:131:A:LEU:H	1:131:A:LEU:HD21	15	0.15
(18,169)	1:131:A:LEU:H	1:131:A:LEU:HD22	15	0.15
(18,169)	1:131:A:LEU:H	1:131:A:LEU:HD23	15	0.15
(18,130)	1:42:A:GLU:H	1:43:A:MET:HB2	10	0.15
(18,114)	1:21:A:THR:HB	1:22:A:ASP:H	15	0.15
(18,46)	1:98:A:ILE:H	1:99:A:PRO:HD3	16	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,30)	1:35:A:LEU:H	1:35:A:LEU:HG	7	0.15
(17,2356)	1:111:A:GLU:H	1:111:A:GLU:HG2	12	0.15
(17,2356)	1:111:A:GLU:H	1:111:A:GLU:HG3	12	0.15
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	7	0.15
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	7	0.15
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	7	0.15
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	7	0.15
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	7	0.15
(17,2303)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	7	0.15
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	7	0.15
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	7	0.15
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	7	0.15
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	7	0.15
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	7	0.15
(17,2303)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	7	0.15
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	7	0.15
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	7	0.15
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	7	0.15
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	7	0.15
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	7	0.15
(17,2303)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	7	0.15
(17,2265)	1:72:A:PHE:HA	1:109:A:PRO:HG2	7	0.15
(17,2265)	1:72:A:PHE:HA	1:109:A:PRO:HG3	7	0.15
(17,2264)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	16	0.15
(17,2264)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	16	0.15
(17,2250)	1:69:A:MET:HG2	1:73:A:ILE:HD11	10	0.15
(17,2250)	1:69:A:MET:HG2	1:73:A:ILE:HD12	10	0.15
(17,2250)	1:69:A:MET:HG2	1:73:A:ILE:HD13	10	0.15
(17,2250)	1:69:A:MET:HG3	1:73:A:ILE:HD11	10	0.15
(17,2250)	1:69:A:MET:HG3	1:73:A:ILE:HD12	10	0.15
(17,2250)	1:69:A:MET:HG3	1:73:A:ILE:HD13	10	0.15
(17,2141)	1:40:A:LEU:HA	1:43:A:MET:HG2	2	0.15
(17,2141)	1:40:A:LEU:HA	1:43:A:MET:HG3	2	0.15
(17,2102)	1:37:A:LEU:H	1:40:A:LEU:HB2	11	0.15
(17,2102)	1:37:A:LEU:H	1:40:A:LEU:HB3	11	0.15
(17,2013)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	13	0.15
(17,2013)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	13	0.15
(17,2013)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	13	0.15
(17,2013)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	13	0.15
(17,2013)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	13	0.15
(17,2013)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	13	0.15
(17,2013)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	13	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2013)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	13	0.15
(17,2013)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	13	0.15
(17,2013)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	13	0.15
(17,2013)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	13	0.15
(17,2013)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	13	0.15
(17,2013)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	13	0.15
(17,2013)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	13	0.15
(17,2013)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	13	0.15
(17,2013)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	13	0.15
(17,2013)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	13	0.15
(17,2013)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	13	0.15
(17,2013)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	13	0.15
(17,2013)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	13	0.15
(17,2013)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	13	0.15
(17,2013)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	13	0.15
(17,2013)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	13	0.15
(17,2013)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	13	0.15
(17,2013)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	13	0.15
(17,2013)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	13	0.15
(17,2013)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	13	0.15
(17,2013)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	13	0.15
(17,2013)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	13	0.15
(17,2013)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	13	0.15
(17,2013)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	13	0.15
(17,2013)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	13	0.15
(17,2013)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	13	0.15
(17,2013)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	13	0.15
(17,2013)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	13	0.15
(17,2013)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	13	0.15
(17,2005)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	13	0.15
(17,2005)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	13	0.15
(17,2005)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	13	0.15
(17,2005)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	13	0.15
(17,2005)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	13	0.15
(17,2005)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	13	0.15
(17,2000)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	16	0.15
(17,2000)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	16	0.15
(17,2000)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	16	0.15
(17,2000)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	16	0.15
(17,2000)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	16	0.15
(17,2000)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	16	0.15
(17,2000)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	16	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2000)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	16	0.15
(17,2000)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	16	0.15
(17,2000)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	16	0.15
(17,2000)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	16	0.15
(17,2000)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	16	0.15
(17,2000)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	16	0.15
(17,2000)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	16	0.15
(17,2000)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	16	0.15
(17,2000)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	16	0.15
(17,2000)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	16	0.15
(17,2000)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	16	0.15
(17,1923)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	3	0.15
(17,1923)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	3	0.15
(17,1923)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	3	0.15
(17,1923)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	3	0.15
(17,1909)	1:98:A:ILE:HG12	1:104:A:PHE:HZ	6	0.15
(17,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	10	0.15
(17,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	10	0.15
(17,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	10	0.15
(17,1901)	1:104:A:PHE:HE1	1:115:A:ALA:H	13	0.15
(17,1901)	1:104:A:PHE:HE2	1:115:A:ALA:H	13	0.15
(17,1836)	1:9:A:PHE:HZ	1:11:A:ILE:HB	16	0.15
(17,1819)	1:104:A:PHE:HE1	1:105:A:LYS:HA	9	0.15
(17,1819)	1:104:A:PHE:HE2	1:105:A:LYS:HA	9	0.15
(17,1806)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	14	0.15
(17,1806)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	14	0.15
(17,1806)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	14	0.15
(17,1806)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	14	0.15
(17,1806)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	14	0.15
(17,1806)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	14	0.15
(17,1799)	1:80:A:TYR:HD1	1:81:A:GLU:HG2	16	0.15
(17,1799)	1:80:A:TYR:HD1	1:81:A:GLU:HG3	16	0.15
(17,1799)	1:80:A:TYR:HD2	1:81:A:GLU:HG2	16	0.15
(17,1799)	1:80:A:TYR:HD2	1:81:A:GLU:HG3	16	0.15
(17,1796)	1:13:A:ALA:H	1:80:A:TYR:HD1	6	0.15
(17,1796)	1:13:A:ALA:H	1:80:A:TYR:HD2	6	0.15
(17,1779)	1:57:A:LEU:HG	1:60:A:LEU:HG	13	0.15
(17,1759)	1:31:A:PRO:HB2	1:35:A:LEU:HD11	3	0.15
(17,1759)	1:31:A:PRO:HB2	1:35:A:LEU:HD12	3	0.15
(17,1759)	1:31:A:PRO:HB2	1:35:A:LEU:HD13	3	0.15
(17,1759)	1:31:A:PRO:HB3	1:35:A:LEU:HD11	3	0.15
(17,1759)	1:31:A:PRO:HB3	1:35:A:LEU:HD12	3	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1759)	1:31:A:PRO:HB3	1:35:A:LEU:HD13	3	0.15
(17,1739)	1:21:A:THR:HG21	1:24:A:ASP:HB2	17	0.15
(17,1739)	1:21:A:THR:HG21	1:24:A:ASP:HB3	17	0.15
(17,1739)	1:21:A:THR:HG22	1:24:A:ASP:HB2	17	0.15
(17,1739)	1:21:A:THR:HG22	1:24:A:ASP:HB3	17	0.15
(17,1739)	1:21:A:THR:HG23	1:24:A:ASP:HB2	17	0.15
(17,1739)	1:21:A:THR:HG23	1:24:A:ASP:HB3	17	0.15
(17,1736)	1:19:A:ALA:HB1	1:20:A:THR:HG21	12	0.15
(17,1736)	1:19:A:ALA:HB1	1:20:A:THR:HG22	12	0.15
(17,1736)	1:19:A:ALA:HB1	1:20:A:THR:HG23	12	0.15
(17,1736)	1:19:A:ALA:HB2	1:20:A:THR:HG21	12	0.15
(17,1736)	1:19:A:ALA:HB2	1:20:A:THR:HG22	12	0.15
(17,1736)	1:19:A:ALA:HB2	1:20:A:THR:HG23	12	0.15
(17,1736)	1:19:A:ALA:HB3	1:20:A:THR:HG21	12	0.15
(17,1736)	1:19:A:ALA:HB3	1:20:A:THR:HG22	12	0.15
(17,1736)	1:19:A:ALA:HB3	1:20:A:THR:HG23	12	0.15
(17,1719)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	17	0.15
(17,1719)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	17	0.15
(17,1686)	1:107:A:LEU:H	1:111:A:GLU:HB2	13	0.15
(17,1686)	1:107:A:LEU:H	1:111:A:GLU:HB3	13	0.15
(17,1674)	1:69:A:MET:HE1	1:116:A:GLN:HG3	12	0.15
(17,1674)	1:69:A:MET:HE2	1:116:A:GLN:HG3	12	0.15
(17,1674)	1:69:A:MET:HE3	1:116:A:GLN:HG3	12	0.15
(17,1657)	1:18:A:PHE:HZ	1:60:A:LEU:HA	19	0.15
(17,1637)	1:149:A:ALA:HB1	1:151:A:PHE:HA	7	0.15
(17,1637)	1:149:A:ALA:HB2	1:151:A:PHE:HA	7	0.15
(17,1637)	1:149:A:ALA:HB3	1:151:A:PHE:HA	7	0.15
(17,1601)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	7	0.15
(17,1601)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	7	0.15
(17,1601)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	7	0.15
(17,1563)	1:63:A:ILE:HG21	1:69:A:MET:HE1	7	0.15
(17,1563)	1:63:A:ILE:HG21	1:69:A:MET:HE2	7	0.15
(17,1563)	1:63:A:ILE:HG21	1:69:A:MET:HE3	7	0.15
(17,1563)	1:63:A:ILE:HG22	1:69:A:MET:HE1	7	0.15
(17,1563)	1:63:A:ILE:HG22	1:69:A:MET:HE2	7	0.15
(17,1563)	1:63:A:ILE:HG22	1:69:A:MET:HE3	7	0.15
(17,1563)	1:63:A:ILE:HG23	1:69:A:MET:HE1	7	0.15
(17,1563)	1:63:A:ILE:HG23	1:69:A:MET:HE2	7	0.15
(17,1563)	1:63:A:ILE:HG23	1:69:A:MET:HE3	7	0.15
(17,1546)	1:110:A:MET:HE1	1:113:A:PHE:HA	10	0.15
(17,1546)	1:110:A:MET:HE2	1:113:A:PHE:HA	10	0.15
(17,1546)	1:110:A:MET:HE3	1:113:A:PHE:HA	10	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	16	0.15
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	16	0.15
(17,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	16	0.15
(17,1485)	1:45:A:ALA:HB1	1:47:A:ALA:H	2	0.15
(17,1485)	1:45:A:ALA:HB2	1:47:A:ALA:H	2	0.15
(17,1485)	1:45:A:ALA:HB3	1:47:A:ALA:H	2	0.15
(17,1477)	1:13:A:ALA:HB1	1:79:A:THR:HB	16	0.15
(17,1477)	1:13:A:ALA:HB2	1:79:A:THR:HB	16	0.15
(17,1477)	1:13:A:ALA:HB3	1:79:A:THR:HB	16	0.15
(17,1371)	1:121:A:VAL:H	1:121:A:VAL:HG11	17	0.15
(17,1371)	1:121:A:VAL:H	1:121:A:VAL:HG12	17	0.15
(17,1371)	1:121:A:VAL:H	1:121:A:VAL:HG13	17	0.15
(17,1298)	1:66:A:THR:HG21	1:96:A:VAL:H	3	0.15
(17,1298)	1:66:A:THR:HG22	1:96:A:VAL:H	3	0.15
(17,1298)	1:66:A:THR:HG23	1:96:A:VAL:H	3	0.15
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD21	2	0.15
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD22	2	0.15
(17,1246)	1:39:A:VAL:H	1:139:A:LEU:HD23	2	0.15
(17,1230)	1:37:A:LEU:HA	1:37:A:LEU:HD21	2	0.15
(17,1230)	1:37:A:LEU:HA	1:37:A:LEU:HD22	2	0.15
(17,1230)	1:37:A:LEU:HA	1:37:A:LEU:HD23	2	0.15
(17,1181)	1:140:A:LEU:HA	1:140:A:LEU:HD21	4	0.15
(17,1181)	1:140:A:LEU:HA	1:140:A:LEU:HD22	4	0.15
(17,1181)	1:140:A:LEU:HA	1:140:A:LEU:HD23	4	0.15
(17,1154)	1:80:A:TYR:HA	1:80:A:TYR:HE1	8	0.15
(17,1154)	1:80:A:TYR:HA	1:80:A:TYR:HE2	8	0.15
(17,1154)	1:80:A:TYR:HA	1:80:A:TYR:HE1	9	0.15
(17,1154)	1:80:A:TYR:HA	1:80:A:TYR:HE2	9	0.15
(17,1154)	1:80:A:TYR:HA	1:80:A:TYR:HE1	13	0.15
(17,1154)	1:80:A:TYR:HA	1:80:A:TYR:HE2	13	0.15
(17,1154)	1:80:A:TYR:HA	1:80:A:TYR:HE1	17	0.15
(17,1154)	1:80:A:TYR:HA	1:80:A:TYR:HE2	17	0.15
(17,1154)	1:80:A:TYR:HA	1:80:A:TYR:HE1	19	0.15
(17,1154)	1:80:A:TYR:HA	1:80:A:TYR:HE2	19	0.15
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	13	0.15
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	13	0.15
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	13	0.15
(17,1131)	1:143:A:TRP:HA	1:143:A:TRP:HE3	19	0.15
(17,1123)	1:41:A:LYS:HA	1:41:A:LYS:HG3	5	0.15
(17,1111)	1:42:A:GLU:HA	1:44:A:GLU:H	8	0.15
(17,967)	1:43:A:MET:HB3	1:140:A:LEU:HD11	19	0.15
(17,967)	1:43:A:MET:HB3	1:140:A:LEU:HD12	19	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,967)	1:43:A:MET:HB3	1:140:A:LEU:HD13	19	0.15
(17,961)	1:96:A:VAL:HB	1:97:A:ASP:H	7	0.15
(17,936)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	14	0.15
(17,936)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	14	0.15
(17,867)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	10	0.15
(17,855)	1:49:A:LYS:HA	1:49:A:LYS:HE2	8	0.15
(17,855)	1:49:A:LYS:HA	1:49:A:LYS:HE3	8	0.15
(17,850)	1:48:A:ARG:HA	1:48:A:ARG:HD2	1	0.15
(17,850)	1:48:A:ARG:HA	1:48:A:ARG:HD3	1	0.15
(17,835)	1:114:A:ILE:HD11	1:117:A:VAL:H	2	0.15
(17,835)	1:114:A:ILE:HD12	1:117:A:VAL:H	2	0.15
(17,835)	1:114:A:ILE:HD13	1:117:A:VAL:H	2	0.15
(17,817)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	15	0.15
(17,817)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	15	0.15
(17,817)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	15	0.15
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	11	0.15
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	11	0.15
(17,807)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	11	0.15
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	11	0.15
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	11	0.15
(17,807)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	11	0.15
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	11	0.15
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	11	0.15
(17,807)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	11	0.15
(17,736)	1:43:A:MET:H	1:46:A:ASN:HD21	10	0.15
(17,723)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	11	0.15
(17,723)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	11	0.15
(17,723)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	11	0.15
(17,718)	1:45:A:ALA:H	1:48:A:ARG:HE	9	0.15
(17,697)	1:98:A:ILE:H	1:100:A:ALA:H	13	0.15
(17,671)	1:116:A:GLN:HG3	1:117:A:VAL:H	4	0.15
(17,587)	1:74:A:PRO:HD2	1:75:A:GLY:H	2	0.15
(17,587)	1:74:A:PRO:HD2	1:75:A:GLY:H	3	0.15
(17,587)	1:74:A:PRO:HD2	1:75:A:GLY:H	4	0.15
(17,587)	1:74:A:PRO:HD2	1:75:A:GLY:H	6	0.15
(17,587)	1:74:A:PRO:HD2	1:75:A:GLY:H	7	0.15
(17,587)	1:74:A:PRO:HD2	1:75:A:GLY:H	8	0.15
(17,587)	1:74:A:PRO:HD2	1:75:A:GLY:H	10	0.15
(17,587)	1:74:A:PRO:HD2	1:75:A:GLY:H	12	0.15
(17,587)	1:74:A:PRO:HD2	1:75:A:GLY:H	13	0.15
(17,587)	1:74:A:PRO:HD2	1:75:A:GLY:H	16	0.15
(17,587)	1:74:A:PRO:HD2	1:75:A:GLY:H	19	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,547)	1:73:A:ILE:HD11	1:110:A:MET:H	1	0.15
(17,547)	1:73:A:ILE:HD12	1:110:A:MET:H	1	0.15
(17,547)	1:73:A:ILE:HD13	1:110:A:MET:H	1	0.15
(17,476)	1:147:A:ARG:HG2	1:148:A:CYS:H	3	0.15
(17,476)	1:147:A:ARG:HG3	1:148:A:CYS:H	3	0.15
(17,469)	1:103:A:ARG:H	1:103:A:ARG:HG2	2	0.15
(17,469)	1:103:A:ARG:H	1:103:A:ARG:HG3	2	0.15
(17,454)	1:18:A:PHE:H	1:113:A:PHE:HE1	14	0.15
(17,454)	1:18:A:PHE:H	1:113:A:PHE:HE2	14	0.15
(17,436)	1:68:A:LYS:H	1:70:A:LYS:HG2	3	0.15
(17,321)	1:46:A:ASN:H	1:49:A:LYS:HB2	13	0.15
(17,321)	1:46:A:ASN:H	1:49:A:LYS:HB3	13	0.15
(17,280)	1:73:A:ILE:HD11	1:112:A:GLN:H	14	0.15
(17,280)	1:73:A:ILE:HD12	1:112:A:GLN:H	14	0.15
(17,280)	1:73:A:ILE:HD13	1:112:A:GLN:H	14	0.15
(17,203)	1:101:A:ILE:H	1:101:A:ILE:HB	5	0.15
(17,154)	1:67:A:PRO:HD3	1:95:A:ILE:H	4	0.15
(17,127)	1:42:A:GLU:H	1:43:A:MET:HB2	10	0.15
(17,114)	1:80:A:TYR:H	1:81:A:GLU:HG2	19	0.15
(17,114)	1:80:A:TYR:H	1:81:A:GLU:HG3	19	0.15
(17,107)	1:69:A:MET:H	1:70:A:LYS:HG2	12	0.15
(17,8)	1:63:A:ILE:HG13	1:64:A:LYS:H	19	0.15
(16,2466)	1:141:A:LYS:HA	1:145:A:PRO:HD2	10	0.15
(16,2466)	1:141:A:LYS:HA	1:145:A:PRO:HD3	10	0.15
(16,2466)	1:141:A:LYS:HA	1:145:A:PRO:HD2	14	0.15
(16,2466)	1:141:A:LYS:HA	1:145:A:PRO:HD3	14	0.15
(16,2463)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	10	0.15
(16,2463)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	10	0.15
(16,2463)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	10	0.15
(16,2463)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	10	0.15
(16,2463)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	10	0.15
(16,2463)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	10	0.15
(16,2457)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.15
(16,2457)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.15
(16,2457)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.15
(16,2457)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.15
(16,2457)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.15
(16,2457)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.15
(16,2457)	1:139:A:LEU:HD11	1:144:A:LEU:H	6	0.15
(16,2457)	1:139:A:LEU:HD12	1:144:A:LEU:H	6	0.15
(16,2457)	1:139:A:LEU:HD13	1:144:A:LEU:H	6	0.15
(16,2457)	1:139:A:LEU:HD21	1:144:A:LEU:H	6	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2457)	1:139:A:LEU:HD22	1:144:A:LEU:H	6	0.15
(16,2457)	1:139:A:LEU:HD23	1:144:A:LEU:H	6	0.15
(16,2341)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	16	0.15
(16,2341)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	16	0.15
(16,2341)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	16	0.15
(16,2341)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	16	0.15
(16,2332)	1:107:A:LEU:HD11	1:115:A:ALA:H	2	0.15
(16,2332)	1:107:A:LEU:HD12	1:115:A:ALA:H	2	0.15
(16,2332)	1:107:A:LEU:HD13	1:115:A:ALA:H	2	0.15
(16,2332)	1:107:A:LEU:HD21	1:115:A:ALA:H	2	0.15
(16,2332)	1:107:A:LEU:HD22	1:115:A:ALA:H	2	0.15
(16,2332)	1:107:A:LEU:HD23	1:115:A:ALA:H	2	0.15
(16,2331)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	5	0.15
(16,2331)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	5	0.15
(16,2331)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	5	0.15
(16,2331)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	5	0.15
(16,2331)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	5	0.15
(16,2331)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	5	0.15
(16,2331)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	12	0.15
(16,2331)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	12	0.15
(16,2331)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	12	0.15
(16,2331)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	12	0.15
(16,2331)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	12	0.15
(16,2331)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	12	0.15
(16,2331)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	14	0.15
(16,2331)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	14	0.15
(16,2331)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	14	0.15
(16,2331)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	14	0.15
(16,2331)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	14	0.15
(16,2331)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	14	0.15
(16,2329)	1:107:A:LEU:HD11	1:112:A:GLN:HA	10	0.15
(16,2329)	1:107:A:LEU:HD12	1:112:A:GLN:HA	10	0.15
(16,2329)	1:107:A:LEU:HD13	1:112:A:GLN:HA	10	0.15
(16,2329)	1:107:A:LEU:HD21	1:112:A:GLN:HA	10	0.15
(16,2329)	1:107:A:LEU:HD22	1:112:A:GLN:HA	10	0.15
(16,2329)	1:107:A:LEU:HD23	1:112:A:GLN:HA	10	0.15
(16,2322)	1:107:A:LEU:HA	1:108:A:GLU:HG2	8	0.15
(16,2322)	1:107:A:LEU:HA	1:108:A:GLU:HG3	8	0.15
(16,2282)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	1	0.15
(16,2282)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	1	0.15
(16,2282)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	1	0.15
(16,2282)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	1	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2282)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	1	0.15
(16,2282)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	1	0.15
(16,2282)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	1	0.15
(16,2282)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	1	0.15
(16,2282)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	1	0.15
(16,2282)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	1	0.15
(16,2282)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	1	0.15
(16,2282)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	1	0.15
(16,2282)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	1	0.15
(16,2282)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	1	0.15
(16,2282)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	1	0.15
(16,2282)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	1	0.15
(16,2282)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	1	0.15
(16,2282)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	1	0.15
(16,2254)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	16	0.15
(16,2254)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	16	0.15
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD11	16	0.15
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD12	16	0.15
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD13	16	0.15
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD21	16	0.15
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD22	16	0.15
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD23	16	0.15
(16,2168)	1:47:A:ALA:HB1	1:131:A:LEU:HD11	10	0.15
(16,2168)	1:47:A:ALA:HB1	1:131:A:LEU:HD12	10	0.15
(16,2168)	1:47:A:ALA:HB1	1:131:A:LEU:HD13	10	0.15
(16,2168)	1:47:A:ALA:HB1	1:131:A:LEU:HD21	10	0.15
(16,2168)	1:47:A:ALA:HB1	1:131:A:LEU:HD22	10	0.15
(16,2168)	1:47:A:ALA:HB1	1:131:A:LEU:HD23	10	0.15
(16,2168)	1:47:A:ALA:HB2	1:131:A:LEU:HD11	10	0.15
(16,2168)	1:47:A:ALA:HB2	1:131:A:LEU:HD12	10	0.15
(16,2168)	1:47:A:ALA:HB2	1:131:A:LEU:HD13	10	0.15
(16,2168)	1:47:A:ALA:HB2	1:131:A:LEU:HD21	10	0.15
(16,2168)	1:47:A:ALA:HB2	1:131:A:LEU:HD22	10	0.15
(16,2168)	1:47:A:ALA:HB2	1:131:A:LEU:HD23	10	0.15
(16,2168)	1:47:A:ALA:HB3	1:131:A:LEU:HD11	10	0.15
(16,2168)	1:47:A:ALA:HB3	1:131:A:LEU:HD12	10	0.15
(16,2168)	1:47:A:ALA:HB3	1:131:A:LEU:HD13	10	0.15
(16,2168)	1:47:A:ALA:HB3	1:131:A:LEU:HD21	10	0.15
(16,2168)	1:47:A:ALA:HB3	1:131:A:LEU:HD22	10	0.15
(16,2168)	1:47:A:ALA:HB3	1:131:A:LEU:HD23	10	0.15
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD11	8	0.15
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD12	8	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD13	8	0.15
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD21	8	0.15
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD22	8	0.15
(16,2153)	1:43:A:MET:HE1	1:144:A:LEU:HD23	8	0.15
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD11	8	0.15
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD12	8	0.15
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD13	8	0.15
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD21	8	0.15
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD22	8	0.15
(16,2153)	1:43:A:MET:HE2	1:144:A:LEU:HD23	8	0.15
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD11	8	0.15
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD12	8	0.15
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD13	8	0.15
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD21	8	0.15
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD22	8	0.15
(16,2153)	1:43:A:MET:HE3	1:144:A:LEU:HD23	8	0.15
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD11	11	0.15
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD12	11	0.15
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD13	11	0.15
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD21	11	0.15
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD22	11	0.15
(16,2150)	1:43:A:MET:HG3	1:144:A:LEU:HD23	11	0.15
(16,2088)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	1	0.15
(16,2088)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	1	0.15
(16,2088)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	1	0.15
(16,2088)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	1	0.15
(16,2088)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	1	0.15
(16,2088)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	1	0.15
(16,2088)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	1	0.15
(16,2088)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	1	0.15
(16,2088)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	1	0.15
(16,2088)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	1	0.15
(16,2088)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	1	0.15
(16,2088)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	1	0.15
(16,2083)	1:35:A:LEU:HD11	1:38:A:GLU:H	3	0.15
(16,2083)	1:35:A:LEU:HD12	1:38:A:GLU:H	3	0.15
(16,2083)	1:35:A:LEU:HD13	1:38:A:GLU:H	3	0.15
(16,2083)	1:35:A:LEU:HD21	1:38:A:GLU:H	3	0.15
(16,2083)	1:35:A:LEU:HD22	1:38:A:GLU:H	3	0.15
(16,2083)	1:35:A:LEU:HD23	1:38:A:GLU:H	3	0.15
(16,2041)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	6	0.15
(16,2041)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	6	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2041)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	6	0.15
(16,2041)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	6	0.15
(16,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	7	0.15
(16,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	7	0.15
(16,2013)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	7	0.15
(16,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	7	0.15
(16,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	7	0.15
(16,2013)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	7	0.15
(16,1987)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	12	0.15
(16,1987)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	12	0.15
(16,1987)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	12	0.15
(16,1987)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	12	0.15
(16,1987)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	12	0.15
(16,1987)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	12	0.15
(16,1920)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	3	0.15
(16,1920)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	3	0.15
(16,1906)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	15	0.15
(16,1906)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	15	0.15
(16,1877)	1:98:A:ILE:HG12	1:104:A:PHE:HZ	6	0.15
(16,1870)	1:104:A:PHE:HE1	1:115:A:ALA:H	13	0.15
(16,1870)	1:104:A:PHE:HE2	1:115:A:ALA:H	13	0.15
(16,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD1	14	0.15
(16,1864)	1:68:A:LYS:HE2	1:72:A:PHE:HD2	14	0.15
(16,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD1	14	0.15
(16,1864)	1:68:A:LYS:HE3	1:72:A:PHE:HD2	14	0.15
(16,1828)	1:61:A:SER:H	1:62:A:HIS:HD2	2	0.15
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	18	0.15
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	18	0.15
(16,1816)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	18	0.15
(16,1815)	1:9:A:PHE:HZ	1:11:A:ILE:HB	16	0.15
(16,1813)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	7	0.15
(16,1813)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	7	0.15
(16,1813)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	7	0.15
(16,1813)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	7	0.15
(16,1813)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	7	0.15
(16,1813)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	7	0.15
(16,1813)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	18	0.15
(16,1813)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	18	0.15
(16,1813)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	18	0.15
(16,1813)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	18	0.15
(16,1813)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	18	0.15
(16,1813)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	18	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1776)	1:80:A:TYR:HD1	1:81:A:GLU:HG2	16	0.15
(16,1776)	1:80:A:TYR:HD1	1:81:A:GLU:HG3	16	0.15
(16,1776)	1:80:A:TYR:HD2	1:81:A:GLU:HG2	16	0.15
(16,1776)	1:80:A:TYR:HD2	1:81:A:GLU:HG3	16	0.15
(16,1772)	1:80:A:TYR:H	1:80:A:TYR:HD1	5	0.15
(16,1772)	1:80:A:TYR:H	1:80:A:TYR:HD2	5	0.15
(16,1742)	1:36:A:PRO:HA	1:37:A:LEU:HD21	14	0.15
(16,1742)	1:36:A:PRO:HA	1:37:A:LEU:HD22	14	0.15
(16,1742)	1:36:A:PRO:HA	1:37:A:LEU:HD23	14	0.15
(16,1719)	1:21:A:THR:HG21	1:24:A:ASP:HB2	17	0.15
(16,1719)	1:21:A:THR:HG21	1:24:A:ASP:HB3	17	0.15
(16,1719)	1:21:A:THR:HG22	1:24:A:ASP:HB2	17	0.15
(16,1719)	1:21:A:THR:HG22	1:24:A:ASP:HB3	17	0.15
(16,1719)	1:21:A:THR:HG23	1:24:A:ASP:HB2	17	0.15
(16,1719)	1:21:A:THR:HG23	1:24:A:ASP:HB3	17	0.15
(16,1714)	1:19:A:ALA:HB1	1:20:A:THR:HG21	12	0.15
(16,1714)	1:19:A:ALA:HB1	1:20:A:THR:HG22	12	0.15
(16,1714)	1:19:A:ALA:HB1	1:20:A:THR:HG23	12	0.15
(16,1714)	1:19:A:ALA:HB2	1:20:A:THR:HG21	12	0.15
(16,1714)	1:19:A:ALA:HB2	1:20:A:THR:HG22	12	0.15
(16,1714)	1:19:A:ALA:HB2	1:20:A:THR:HG23	12	0.15
(16,1714)	1:19:A:ALA:HB3	1:20:A:THR:HG21	12	0.15
(16,1714)	1:19:A:ALA:HB3	1:20:A:THR:HG22	12	0.15
(16,1714)	1:19:A:ALA:HB3	1:20:A:THR:HG23	12	0.15
(16,1696)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	17	0.15
(16,1696)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	17	0.15
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	15	0.15
(16,1660)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	15	0.15
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG11	3	0.15
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG12	3	0.15
(16,1644)	1:43:A:MET:HA	1:134:A:VAL:HG13	3	0.15
(16,1609)	1:149:A:ALA:HB1	1:151:A:PHE:HA	7	0.15
(16,1609)	1:149:A:ALA:HB2	1:151:A:PHE:HA	7	0.15
(16,1609)	1:149:A:ALA:HB3	1:151:A:PHE:HA	7	0.15
(16,1589)	1:121:A:VAL:HG11	1:123:A:CYS:H	11	0.15
(16,1589)	1:121:A:VAL:HG12	1:123:A:CYS:H	11	0.15
(16,1589)	1:121:A:VAL:HG13	1:123:A:CYS:H	11	0.15
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	4	0.15
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	4	0.15
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	4	0.15
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	4	0.15
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	4	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	4	0.15
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	11	0.15
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	11	0.15
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	11	0.15
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	11	0.15
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	11	0.15
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	11	0.15
(16,1571)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	7	0.15
(16,1571)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	7	0.15
(16,1571)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	7	0.15
(16,1524)	1:110:A:MET:HE1	1:113:A:PHE:HA	10	0.15
(16,1524)	1:110:A:MET:HE2	1:113:A:PHE:HA	10	0.15
(16,1524)	1:110:A:MET:HE3	1:113:A:PHE:HA	10	0.15
(16,1517)	1:69:A:MET:HE1	1:116:A:GLN:HE22	5	0.15
(16,1517)	1:69:A:MET:HE2	1:116:A:GLN:HE22	5	0.15
(16,1517)	1:69:A:MET:HE3	1:116:A:GLN:HE22	5	0.15
(16,1510)	1:43:A:MET:HB2	1:43:A:MET:HE1	18	0.15
(16,1510)	1:43:A:MET:HB2	1:43:A:MET:HE2	18	0.15
(16,1510)	1:43:A:MET:HB2	1:43:A:MET:HE3	18	0.15
(16,1510)	1:43:A:MET:HB3	1:43:A:MET:HE1	18	0.15
(16,1510)	1:43:A:MET:HB3	1:43:A:MET:HE2	18	0.15
(16,1510)	1:43:A:MET:HB3	1:43:A:MET:HE3	18	0.15
(16,1459)	1:13:A:ALA:HB1	1:79:A:THR:HB	8	0.15
(16,1459)	1:13:A:ALA:HB2	1:79:A:THR:HB	8	0.15
(16,1459)	1:13:A:ALA:HB3	1:79:A:THR:HB	8	0.15
(16,1446)	1:50:A:ALA:HB1	1:130:A:GLY:H	4	0.15
(16,1446)	1:50:A:ALA:HB2	1:130:A:GLY:H	4	0.15
(16,1446)	1:50:A:ALA:HB3	1:130:A:GLY:H	4	0.15
(16,1432)	1:119:A:LEU:HA	1:121:A:VAL:HG21	15	0.15
(16,1432)	1:119:A:LEU:HA	1:121:A:VAL:HG22	15	0.15
(16,1432)	1:119:A:LEU:HA	1:121:A:VAL:HG23	15	0.15
(16,1420)	1:73:A:ILE:HG21	1:110:A:MET:HG2	3	0.15
(16,1420)	1:73:A:ILE:HG21	1:110:A:MET:HG3	3	0.15
(16,1420)	1:73:A:ILE:HG22	1:110:A:MET:HG2	3	0.15
(16,1420)	1:73:A:ILE:HG22	1:110:A:MET:HG3	3	0.15
(16,1420)	1:73:A:ILE:HG23	1:110:A:MET:HG2	3	0.15
(16,1420)	1:73:A:ILE:HG23	1:110:A:MET:HG3	3	0.15
(16,1418)	1:69:A:MET:HA	1:73:A:ILE:HG21	18	0.15
(16,1418)	1:69:A:MET:HA	1:73:A:ILE:HG22	18	0.15
(16,1418)	1:69:A:MET:HA	1:73:A:ILE:HG23	18	0.15
(16,1340)	1:22:A:ASP:HA	1:24:A:ASP:H	6	0.15
(16,1257)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	1	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1257)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	1	0.15
(16,1257)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	1	0.15
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD11	14	0.15
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD12	14	0.15
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD13	14	0.15
(16,1124)	1:129:A:LYS:HA	1:132:A:ALA:HB1	4	0.15
(16,1124)	1:129:A:LYS:HA	1:132:A:ALA:HB2	4	0.15
(16,1124)	1:129:A:LYS:HA	1:132:A:ALA:HB3	4	0.15
(16,1112)	1:42:A:GLU:HA	1:44:A:GLU:H	8	0.15
(16,991)	1:46:A:ASN:HB2	1:134:A:VAL:HB	11	0.15
(16,937)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	18	0.15
(16,937)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	18	0.15
(16,913)	1:20:A:THR:H	1:21:A:THR:HB	10	0.15
(16,908)	1:94:A:ALA:HA	1:95:A:ILE:HB	19	0.15
(16,886)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	10	0.15
(16,886)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	10	0.15
(16,886)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	10	0.15
(16,856)	1:49:A:LYS:HA	1:49:A:LYS:HE2	8	0.15
(16,856)	1:49:A:LYS:HA	1:49:A:LYS:HE3	8	0.15
(16,852)	1:48:A:ARG:HA	1:48:A:ARG:HD2	1	0.15
(16,852)	1:48:A:ARG:HA	1:48:A:ARG:HD3	1	0.15
(16,835)	1:114:A:ILE:HD11	1:117:A:VAL:H	2	0.15
(16,835)	1:114:A:ILE:HD12	1:117:A:VAL:H	2	0.15
(16,835)	1:114:A:ILE:HD13	1:117:A:VAL:H	2	0.15
(16,810)	1:54:A:ARG:HA	1:58:A:ILE:HD11	13	0.15
(16,810)	1:54:A:ARG:HA	1:58:A:ILE:HD12	13	0.15
(16,810)	1:54:A:ARG:HA	1:58:A:ILE:HD13	13	0.15
(16,807)	1:58:A:ILE:HD11	1:59:A:CYS:H	19	0.15
(16,807)	1:58:A:ILE:HD12	1:59:A:CYS:H	19	0.15
(16,807)	1:58:A:ILE:HD13	1:59:A:CYS:H	19	0.15
(16,723)	1:45:A:ALA:H	1:48:A:ARG:HE	9	0.15
(16,681)	1:120:A:CYS:H	1:121:A:VAL:HG11	16	0.15
(16,681)	1:120:A:CYS:H	1:121:A:VAL:HG12	16	0.15
(16,681)	1:120:A:CYS:H	1:121:A:VAL:HG13	16	0.15
(16,660)	1:98:A:ILE:H	1:100:A:ALA:H	13	0.15
(16,627)	1:34:A:LYS:HG2	1:35:A:LEU:H	6	0.15
(16,627)	1:34:A:LYS:HG3	1:35:A:LEU:H	6	0.15
(16,583)	1:116:A:GLN:HB2	1:116:A:GLN:HE22	6	0.15
(16,583)	1:116:A:GLN:HB3	1:116:A:GLN:HE22	6	0.15
(16,583)	1:116:A:GLN:HB2	1:116:A:GLN:HE22	16	0.15
(16,583)	1:116:A:GLN:HB3	1:116:A:GLN:HE22	16	0.15
(16,490)	1:98:A:ILE:H	1:105:A:LYS:H	6	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,445)	1:68:A:LYS:H	1:70:A:LYS:HG2	3	0.15
(16,380)	1:40:A:LEU:HB2	1:41:A:LYS:H	1	0.15
(16,297)	1:120:A:CYS:H	1:121:A:VAL:H	6	0.15
(16,297)	1:120:A:CYS:H	1:121:A:VAL:H	18	0.15
(16,232)	1:45:A:ALA:HA	1:48:A:ARG:H	1	0.15
(16,210)	1:101:A:ILE:H	1:101:A:ILE:HB	5	0.15
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD11	4	0.15
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD12	4	0.15
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD13	4	0.15
(16,128)	1:42:A:GLU:H	1:43:A:MET:HB2	10	0.15
(16,111)	1:21:A:THR:HB	1:22:A:ASP:H	15	0.15
(16,107)	1:69:A:MET:H	1:70:A:LYS:HG2	12	0.15
(15,2496)	1:144:A:LEU:HD11	1:148:A:CYS:H	5	0.15
(15,2496)	1:144:A:LEU:HD12	1:148:A:CYS:H	5	0.15
(15,2496)	1:144:A:LEU:HD13	1:148:A:CYS:H	5	0.15
(15,2496)	1:144:A:LEU:HD21	1:148:A:CYS:H	5	0.15
(15,2496)	1:144:A:LEU:HD22	1:148:A:CYS:H	5	0.15
(15,2496)	1:144:A:LEU:HD23	1:148:A:CYS:H	5	0.15
(15,2334)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	16	0.15
(15,2334)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	16	0.15
(15,2334)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	16	0.15
(15,2334)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	16	0.15
(15,2317)	1:107:A:LEU:HA	1:108:A:GLU:HG2	8	0.15
(15,2317)	1:107:A:LEU:HA	1:108:A:GLU:HG3	8	0.15
(15,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	5	0.15
(15,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	5	0.15
(15,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	5	0.15
(15,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	5	0.15
(15,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	5	0.15
(15,2288)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	5	0.15
(15,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	5	0.15
(15,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	5	0.15
(15,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	5	0.15
(15,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	5	0.15
(15,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	5	0.15
(15,2288)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	5	0.15
(15,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	5	0.15
(15,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	5	0.15
(15,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	5	0.15
(15,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	5	0.15
(15,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	5	0.15
(15,2288)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	5	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2248)	1:72:A:PHE:HA	1:109:A:PRO:HG2	7	0.15
(15,2248)	1:72:A:PHE:HA	1:109:A:PRO:HG3	7	0.15
(15,2226)	1:69:A:MET:H	1:70:A:LYS:HG2	15	0.15
(15,2226)	1:69:A:MET:H	1:70:A:LYS:HG3	15	0.15
(15,2206)	1:65:A:CYS:HB2	1:69:A:MET:HG2	9	0.15
(15,2206)	1:65:A:CYS:HB2	1:69:A:MET:HG3	9	0.15
(15,2206)	1:65:A:CYS:HB3	1:69:A:MET:HG2	9	0.15
(15,2206)	1:65:A:CYS:HB3	1:69:A:MET:HG3	9	0.15
(15,2206)	1:65:A:CYS:HB2	1:69:A:MET:HG2	11	0.15
(15,2206)	1:65:A:CYS:HB2	1:69:A:MET:HG3	11	0.15
(15,2206)	1:65:A:CYS:HB3	1:69:A:MET:HG2	11	0.15
(15,2206)	1:65:A:CYS:HB3	1:69:A:MET:HG3	11	0.15
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD11	7	0.15
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD12	7	0.15
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD13	7	0.15
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD21	7	0.15
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD22	7	0.15
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD23	7	0.15
(15,2133)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	11	0.15
(15,2133)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	11	0.15
(15,2133)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	11	0.15
(15,2133)	1:46:A:ASN:HB3	1:134:A:VAL:HG21	11	0.15
(15,2133)	1:46:A:ASN:HB3	1:134:A:VAL:HG22	11	0.15
(15,2133)	1:46:A:ASN:HB3	1:134:A:VAL:HG23	11	0.15
(15,2110)	1:42:A:GLU:H	1:139:A:LEU:HD11	6	0.15
(15,2110)	1:42:A:GLU:H	1:139:A:LEU:HD12	6	0.15
(15,2110)	1:42:A:GLU:H	1:139:A:LEU:HD13	6	0.15
(15,2110)	1:42:A:GLU:H	1:139:A:LEU:HD21	6	0.15
(15,2110)	1:42:A:GLU:H	1:139:A:LEU:HD22	6	0.15
(15,2110)	1:42:A:GLU:H	1:139:A:LEU:HD23	6	0.15
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD11	2	0.15
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD12	2	0.15
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD13	2	0.15
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD21	2	0.15
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD22	2	0.15
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD23	2	0.15
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD11	2	0.15
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD12	2	0.15
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD13	2	0.15
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD21	2	0.15
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD22	2	0.15
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD23	2	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1961)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	19	0.15
(15,1961)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	19	0.15
(15,1961)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	19	0.15
(15,1961)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	19	0.15
(15,1961)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	19	0.15
(15,1961)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	19	0.15
(15,1961)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	19	0.15
(15,1961)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	19	0.15
(15,1961)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	19	0.15
(15,1961)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	19	0.15
(15,1961)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	19	0.15
(15,1961)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	19	0.15
(15,1954)	1:14:A:VAL:HB	1:131:A:LEU:HD11	6	0.15
(15,1954)	1:14:A:VAL:HB	1:131:A:LEU:HD12	6	0.15
(15,1954)	1:14:A:VAL:HB	1:131:A:LEU:HD13	6	0.15
(15,1954)	1:14:A:VAL:HB	1:131:A:LEU:HD21	6	0.15
(15,1954)	1:14:A:VAL:HB	1:131:A:LEU:HD22	6	0.15
(15,1954)	1:14:A:VAL:HB	1:131:A:LEU:HD23	6	0.15
(15,1908)	1:9:A:PHE:HD1	1:40:A:LEU:HD11	7	0.15
(15,1908)	1:9:A:PHE:HD1	1:40:A:LEU:HD12	7	0.15
(15,1908)	1:9:A:PHE:HD1	1:40:A:LEU:HD13	7	0.15
(15,1908)	1:9:A:PHE:HD1	1:40:A:LEU:HD21	7	0.15
(15,1908)	1:9:A:PHE:HD1	1:40:A:LEU:HD22	7	0.15
(15,1908)	1:9:A:PHE:HD1	1:40:A:LEU:HD23	7	0.15
(15,1908)	1:9:A:PHE:HD2	1:40:A:LEU:HD11	7	0.15
(15,1908)	1:9:A:PHE:HD2	1:40:A:LEU:HD12	7	0.15
(15,1908)	1:9:A:PHE:HD2	1:40:A:LEU:HD13	7	0.15
(15,1908)	1:9:A:PHE:HD2	1:40:A:LEU:HD21	7	0.15
(15,1908)	1:9:A:PHE:HD2	1:40:A:LEU:HD22	7	0.15
(15,1908)	1:9:A:PHE:HD2	1:40:A:LEU:HD23	7	0.15
(15,1891)	1:58:A:ILE:HA	1:62:A:HIS:HE1	13	0.15
(15,1865)	1:104:A:PHE:HE1	1:115:A:ALA:H	13	0.15
(15,1865)	1:104:A:PHE:HE2	1:115:A:ALA:H	13	0.15
(15,1822)	1:61:A:SER:H	1:62:A:HIS:HD2	2	0.15
(15,1812)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	18	0.15
(15,1805)	1:9:A:PHE:HZ	1:11:A:ILE:HB	2	0.15
(15,1802)	1:113:A:PHE:HD1	1:114:A:ILE:HD11	6	0.15
(15,1802)	1:113:A:PHE:HD1	1:114:A:ILE:HD12	6	0.15
(15,1802)	1:113:A:PHE:HD1	1:114:A:ILE:HD13	6	0.15
(15,1802)	1:113:A:PHE:HD2	1:114:A:ILE:HD11	6	0.15
(15,1802)	1:113:A:PHE:HD2	1:114:A:ILE:HD12	6	0.15
(15,1802)	1:113:A:PHE:HD2	1:114:A:ILE:HD13	6	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1791)	1:104:A:PHE:HE1	1:105:A:LYS:HA	9	0.15
(15,1791)	1:104:A:PHE:HE2	1:105:A:LYS:HA	9	0.15
(15,1781)	1:71:A:LYS:HB2	1:72:A:PHE:HD1	6	0.15
(15,1781)	1:71:A:LYS:HB2	1:72:A:PHE:HD2	6	0.15
(15,1751)	1:57:A:LEU:HG	1:60:A:LEU:HG	13	0.15
(15,1726)	1:105:A:LYS:H	1:105:A:LYS:HG3	3	0.15
(15,1695)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	17	0.15
(15,1695)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	17	0.15
(15,1682)	1:72:A:PHE:HB2	1:109:A:PRO:HA	6	0.15
(15,1682)	1:72:A:PHE:HB2	1:109:A:PRO:HA	13	0.15
(15,1664)	1:107:A:LEU:H	1:111:A:GLU:HB2	13	0.15
(15,1664)	1:107:A:LEU:H	1:111:A:GLU:HB3	13	0.15
(15,1634)	1:18:A:PHE:HZ	1:60:A:LEU:HA	19	0.15
(15,1590)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	2	0.15
(15,1590)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	2	0.15
(15,1590)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	2	0.15
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	4	0.15
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	4	0.15
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	4	0.15
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	4	0.15
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	4	0.15
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	4	0.15
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	11	0.15
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	11	0.15
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	11	0.15
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	11	0.15
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	11	0.15
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	11	0.15
(15,1564)	1:11:A:ILE:HG21	1:11:A:ILE:HD11	14	0.15
(15,1564)	1:11:A:ILE:HG21	1:11:A:ILE:HD12	14	0.15
(15,1564)	1:11:A:ILE:HG21	1:11:A:ILE:HD13	14	0.15
(15,1564)	1:11:A:ILE:HG22	1:11:A:ILE:HD11	14	0.15
(15,1564)	1:11:A:ILE:HG22	1:11:A:ILE:HD12	14	0.15
(15,1564)	1:11:A:ILE:HG22	1:11:A:ILE:HD13	14	0.15
(15,1564)	1:11:A:ILE:HG23	1:11:A:ILE:HD11	14	0.15
(15,1564)	1:11:A:ILE:HG23	1:11:A:ILE:HD12	14	0.15
(15,1564)	1:11:A:ILE:HG23	1:11:A:ILE:HD13	14	0.15
(15,1541)	1:139:A:LEU:HD21	1:142:A:LYS:HE2	14	0.15
(15,1541)	1:139:A:LEU:HD21	1:142:A:LYS:HE3	14	0.15
(15,1541)	1:139:A:LEU:HD22	1:142:A:LYS:HE2	14	0.15
(15,1541)	1:139:A:LEU:HD22	1:142:A:LYS:HE3	14	0.15
(15,1541)	1:139:A:LEU:HD23	1:142:A:LYS:HE2	14	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1541)	1:139:A:LEU:HD23	1:142:A:LYS:HE3	14	0.15
(15,1473)	1:101:A:ILE:HG21	1:115:A:ALA:HA	2	0.15
(15,1473)	1:101:A:ILE:HG22	1:115:A:ALA:HA	2	0.15
(15,1473)	1:101:A:ILE:HG23	1:115:A:ALA:HA	2	0.15
(15,1473)	1:101:A:ILE:HG21	1:115:A:ALA:HA	14	0.15
(15,1473)	1:101:A:ILE:HG22	1:115:A:ALA:HA	14	0.15
(15,1473)	1:101:A:ILE:HG23	1:115:A:ALA:HA	14	0.15
(15,1356)	1:121:A:VAL:H	1:121:A:VAL:HG11	17	0.15
(15,1356)	1:121:A:VAL:H	1:121:A:VAL:HG12	17	0.15
(15,1356)	1:121:A:VAL:H	1:121:A:VAL:HG13	17	0.15
(15,1230)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	1	0.15
(15,1230)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	1	0.15
(15,1230)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	1	0.15
(15,1220)	1:37:A:LEU:HA	1:37:A:LEU:HD21	2	0.15
(15,1220)	1:37:A:LEU:HA	1:37:A:LEU:HD22	2	0.15
(15,1220)	1:37:A:LEU:HA	1:37:A:LEU:HD23	2	0.15
(15,1191)	1:107:A:LEU:H	1:107:A:LEU:HD21	13	0.15
(15,1191)	1:107:A:LEU:H	1:107:A:LEU:HD22	13	0.15
(15,1191)	1:107:A:LEU:H	1:107:A:LEU:HD23	13	0.15
(15,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE1	8	0.15
(15,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE2	8	0.15
(15,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE1	9	0.15
(15,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE2	9	0.15
(15,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE1	13	0.15
(15,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE2	13	0.15
(15,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE1	17	0.15
(15,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE2	17	0.15
(15,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE1	19	0.15
(15,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE2	19	0.15
(15,948)	1:40:A:LEU:HA	1:43:A:MET:HG2	8	0.15
(15,921)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	18	0.15
(15,921)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	18	0.15
(15,892)	1:94:A:ALA:HA	1:95:A:ILE:HB	19	0.15
(15,849)	1:49:A:LYS:HA	1:49:A:LYS:HE2	8	0.15
(15,849)	1:49:A:LYS:HA	1:49:A:LYS:HE3	8	0.15
(15,745)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	18	0.15
(15,745)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	18	0.15
(15,697)	1:98:A:ILE:H	1:100:A:ALA:H	13	0.15
(15,339)	1:57:A:LEU:H	1:58:A:ILE:HB	7	0.15
(15,339)	1:57:A:LEU:H	1:58:A:ILE:HB	14	0.15
(15,322)	1:137:A:SER:HB3	1:140:A:LEU:H	15	0.15
(15,185)	1:93:A:GLU:H	1:93:A:GLU:HB2	5	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,185)	1:93:A:GLU:H	1:93:A:GLU:HB3	5	0.15
(15,184)	1:93:A:GLU:H	1:93:A:GLU:HG2	18	0.15
(15,184)	1:93:A:GLU:H	1:93:A:GLU:HG3	18	0.15
(15,134)	1:42:A:GLU:H	1:43:A:MET:HB2	10	0.15
(15,74)	1:63:A:ILE:HG21	1:117:A:VAL:H	12	0.15
(15,74)	1:63:A:ILE:HG22	1:117:A:VAL:H	12	0.15
(15,74)	1:63:A:ILE:HG23	1:117:A:VAL:H	12	0.15
(15,32)	1:96:A:VAL:H	1:97:A:ASP:H	11	0.15
(15,9)	1:63:A:ILE:HG13	1:64:A:LYS:H	19	0.15
(13,2362)	1:118:A:ASP:H	1:119:A:LEU:HD11	3	0.15
(13,2362)	1:118:A:ASP:H	1:119:A:LEU:HD12	3	0.15
(13,2362)	1:118:A:ASP:H	1:119:A:LEU:HD13	3	0.15
(13,2362)	1:118:A:ASP:H	1:119:A:LEU:HD21	3	0.15
(13,2362)	1:118:A:ASP:H	1:119:A:LEU:HD22	3	0.15
(13,2362)	1:118:A:ASP:H	1:119:A:LEU:HD23	3	0.15
(13,2362)	1:118:A:ASP:H	1:119:A:LEU:HD11	9	0.15
(13,2362)	1:118:A:ASP:H	1:119:A:LEU:HD12	9	0.15
(13,2362)	1:118:A:ASP:H	1:119:A:LEU:HD13	9	0.15
(13,2362)	1:118:A:ASP:H	1:119:A:LEU:HD21	9	0.15
(13,2362)	1:118:A:ASP:H	1:119:A:LEU:HD22	9	0.15
(13,2362)	1:118:A:ASP:H	1:119:A:LEU:HD23	9	0.15
(13,2322)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	16	0.15
(13,2322)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	16	0.15
(13,2322)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	16	0.15
(13,2322)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	16	0.15
(13,2313)	1:107:A:LEU:HD11	1:115:A:ALA:H	2	0.15
(13,2313)	1:107:A:LEU:HD12	1:115:A:ALA:H	2	0.15
(13,2313)	1:107:A:LEU:HD13	1:115:A:ALA:H	2	0.15
(13,2313)	1:107:A:LEU:HD21	1:115:A:ALA:H	2	0.15
(13,2313)	1:107:A:LEU:HD22	1:115:A:ALA:H	2	0.15
(13,2313)	1:107:A:LEU:HD23	1:115:A:ALA:H	2	0.15
(13,2311)	1:107:A:LEU:HD11	1:112:A:GLN:HA	10	0.15
(13,2311)	1:107:A:LEU:HD12	1:112:A:GLN:HA	10	0.15
(13,2311)	1:107:A:LEU:HD13	1:112:A:GLN:HA	10	0.15
(13,2311)	1:107:A:LEU:HD21	1:112:A:GLN:HA	10	0.15
(13,2311)	1:107:A:LEU:HD22	1:112:A:GLN:HA	10	0.15
(13,2311)	1:107:A:LEU:HD23	1:112:A:GLN:HA	10	0.15
(13,2305)	1:107:A:LEU:HA	1:108:A:GLU:HG2	17	0.15
(13,2305)	1:107:A:LEU:HA	1:108:A:GLU:HG3	17	0.15
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	7	0.15
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	7	0.15
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	7	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	7	0.15
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	7	0.15
(13,2273)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	7	0.15
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	7	0.15
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	7	0.15
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	7	0.15
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	7	0.15
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	7	0.15
(13,2273)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	7	0.15
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	7	0.15
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	7	0.15
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	7	0.15
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	7	0.15
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	7	0.15
(13,2273)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	7	0.15
(13,2265)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	6	0.15
(13,2265)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	6	0.15
(13,2265)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	6	0.15
(13,2265)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	6	0.15
(13,2265)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	6	0.15
(13,2265)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	6	0.15
(13,2265)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	6	0.15
(13,2265)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	6	0.15
(13,2265)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	6	0.15
(13,2265)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	6	0.15
(13,2265)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	6	0.15
(13,2265)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	6	0.15
(13,2229)	1:72:A:PHE:HA	1:109:A:PRO:HG2	7	0.15
(13,2229)	1:72:A:PHE:HA	1:109:A:PRO:HG3	7	0.15
(13,2213)	1:69:A:MET:H	1:70:A:LYS:HG2	15	0.15
(13,2213)	1:69:A:MET:H	1:70:A:LYS:HG3	15	0.15
(13,2197)	1:65:A:CYS:HB2	1:70:A:LYS:HA	4	0.15
(13,2197)	1:65:A:CYS:HB3	1:70:A:LYS:HA	4	0.15
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD11	14	0.15
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD12	14	0.15
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD13	14	0.15
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD21	14	0.15
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD22	14	0.15
(13,2020)	1:32:A:GLY:H	1:35:A:LEU:HD23	14	0.15
(13,2009)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	2	0.15
(13,2009)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	2	0.15
(13,2009)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	2	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2009)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	2	0.15
(13,2009)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	2	0.15
(13,2009)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	2	0.15
(13,2009)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	2	0.15
(13,2009)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	2	0.15
(13,2009)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	2	0.15
(13,2009)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	2	0.15
(13,2009)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	2	0.15
(13,2009)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	2	0.15
(13,2009)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	14	0.15
(13,2009)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	14	0.15
(13,2009)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	14	0.15
(13,2009)	1:27:A:ARG:HD2	1:30:A:LEU:HD21	14	0.15
(13,2009)	1:27:A:ARG:HD2	1:30:A:LEU:HD22	14	0.15
(13,2009)	1:27:A:ARG:HD2	1:30:A:LEU:HD23	14	0.15
(13,2009)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	14	0.15
(13,2009)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	14	0.15
(13,2009)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	14	0.15
(13,2009)	1:27:A:ARG:HD3	1:30:A:LEU:HD21	14	0.15
(13,2009)	1:27:A:ARG:HD3	1:30:A:LEU:HD22	14	0.15
(13,2009)	1:27:A:ARG:HD3	1:30:A:LEU:HD23	14	0.15
(13,1939)	1:12:A:VAL:HG11	1:81:A:GLU:H	5	0.15
(13,1939)	1:12:A:VAL:HG12	1:81:A:GLU:H	5	0.15
(13,1939)	1:12:A:VAL:HG13	1:81:A:GLU:H	5	0.15
(13,1939)	1:12:A:VAL:HG21	1:81:A:GLU:H	5	0.15
(13,1939)	1:12:A:VAL:HG22	1:81:A:GLU:H	5	0.15
(13,1939)	1:12:A:VAL:HG23	1:81:A:GLU:H	5	0.15
(13,1849)	1:98:A:ILE:HG12	1:104:A:PHE:HZ	6	0.15
(13,1803)	1:79:A:THR:HB	1:80:A:TYR:HE1	4	0.15
(13,1803)	1:79:A:THR:HB	1:80:A:TYR:HE2	4	0.15
(13,1781)	1:9:A:PHE:HZ	1:11:A:ILE:HB	16	0.15
(13,1768)	1:104:A:PHE:HE1	1:105:A:LYS:HA	9	0.15
(13,1768)	1:104:A:PHE:HE2	1:105:A:LYS:HA	9	0.15
(13,1748)	1:80:A:TYR:HD1	1:81:A:GLU:HG2	16	0.15
(13,1748)	1:80:A:TYR:HD1	1:81:A:GLU:HG3	16	0.15
(13,1748)	1:80:A:TYR:HD2	1:81:A:GLU:HG2	16	0.15
(13,1748)	1:80:A:TYR:HD2	1:81:A:GLU:HG3	16	0.15
(13,1745)	1:13:A:ALA:H	1:80:A:TYR:HD1	6	0.15
(13,1745)	1:13:A:ALA:H	1:80:A:TYR:HD2	6	0.15
(13,1692)	1:21:A:THR:HG21	1:24:A:ASP:HB2	17	0.15
(13,1692)	1:21:A:THR:HG21	1:24:A:ASP:HB3	17	0.15
(13,1692)	1:21:A:THR:HG22	1:24:A:ASP:HB2	17	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1692)	1:21:A:THR:HG22	1:24:A:ASP:HB3	17	0.15
(13,1692)	1:21:A:THR:HG23	1:24:A:ASP:HB2	17	0.15
(13,1692)	1:21:A:THR:HG23	1:24:A:ASP:HB3	17	0.15
(13,1689)	1:19:A:ALA:HB1	1:20:A:THR:HG21	12	0.15
(13,1689)	1:19:A:ALA:HB1	1:20:A:THR:HG22	12	0.15
(13,1689)	1:19:A:ALA:HB1	1:20:A:THR:HG23	12	0.15
(13,1689)	1:19:A:ALA:HB2	1:20:A:THR:HG21	12	0.15
(13,1689)	1:19:A:ALA:HB2	1:20:A:THR:HG22	12	0.15
(13,1689)	1:19:A:ALA:HB2	1:20:A:THR:HG23	12	0.15
(13,1689)	1:19:A:ALA:HB3	1:20:A:THR:HG21	12	0.15
(13,1689)	1:19:A:ALA:HB3	1:20:A:THR:HG22	12	0.15
(13,1689)	1:19:A:ALA:HB3	1:20:A:THR:HG23	12	0.15
(13,1653)	1:69:A:MET:HG3	1:109:A:PRO:HA	10	0.15
(13,1637)	1:107:A:LEU:H	1:111:A:GLU:HB2	13	0.15
(13,1637)	1:107:A:LEU:H	1:111:A:GLU:HB3	13	0.15
(13,1590)	1:149:A:ALA:HB1	1:151:A:PHE:HA	7	0.15
(13,1590)	1:149:A:ALA:HB2	1:151:A:PHE:HA	7	0.15
(13,1590)	1:149:A:ALA:HB3	1:151:A:PHE:HA	7	0.15
(13,1541)	1:11:A:ILE:HG21	1:11:A:ILE:HD11	14	0.15
(13,1541)	1:11:A:ILE:HG21	1:11:A:ILE:HD12	14	0.15
(13,1541)	1:11:A:ILE:HG21	1:11:A:ILE:HD13	14	0.15
(13,1541)	1:11:A:ILE:HG22	1:11:A:ILE:HD11	14	0.15
(13,1541)	1:11:A:ILE:HG22	1:11:A:ILE:HD12	14	0.15
(13,1541)	1:11:A:ILE:HG22	1:11:A:ILE:HD13	14	0.15
(13,1541)	1:11:A:ILE:HG23	1:11:A:ILE:HD11	14	0.15
(13,1541)	1:11:A:ILE:HG23	1:11:A:ILE:HD12	14	0.15
(13,1541)	1:11:A:ILE:HG23	1:11:A:ILE:HD13	14	0.15
(13,1520)	1:139:A:LEU:HD21	1:142:A:LYS:HE2	14	0.15
(13,1520)	1:139:A:LEU:HD21	1:142:A:LYS:HE3	14	0.15
(13,1520)	1:139:A:LEU:HD22	1:142:A:LYS:HE2	14	0.15
(13,1520)	1:139:A:LEU:HD22	1:142:A:LYS:HE3	14	0.15
(13,1520)	1:139:A:LEU:HD23	1:142:A:LYS:HE2	14	0.15
(13,1520)	1:139:A:LEU:HD23	1:142:A:LYS:HE3	14	0.15
(13,1498)	1:110:A:MET:HE1	1:113:A:PHE:HA	10	0.15
(13,1498)	1:110:A:MET:HE2	1:113:A:PHE:HA	10	0.15
(13,1498)	1:110:A:MET:HE3	1:113:A:PHE:HA	10	0.15
(13,1443)	1:45:A:ALA:HB1	1:47:A:ALA:H	2	0.15
(13,1443)	1:45:A:ALA:HB2	1:47:A:ALA:H	2	0.15
(13,1443)	1:45:A:ALA:HB3	1:47:A:ALA:H	2	0.15
(13,1415)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	12	0.15
(13,1415)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	12	0.15
(13,1330)	1:121:A:VAL:H	1:121:A:VAL:HG11	17	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1330)	1:121:A:VAL:H	1:121:A:VAL:HG12	17	0.15
(13,1330)	1:121:A:VAL:H	1:121:A:VAL:HG13	17	0.15
(13,1147)	1:140:A:LEU:HA	1:140:A:LEU:HD21	4	0.15
(13,1147)	1:140:A:LEU:HA	1:140:A:LEU:HD22	4	0.15
(13,1147)	1:140:A:LEU:HA	1:140:A:LEU:HD23	4	0.15
(13,1133)	1:37:A:LEU:HA	1:37:A:LEU:HD11	1	0.15
(13,1133)	1:37:A:LEU:HA	1:37:A:LEU:HD12	1	0.15
(13,1133)	1:37:A:LEU:HA	1:37:A:LEU:HD13	1	0.15
(13,1133)	1:37:A:LEU:HA	1:37:A:LEU:HD11	9	0.15
(13,1133)	1:37:A:LEU:HA	1:37:A:LEU:HD12	9	0.15
(13,1133)	1:37:A:LEU:HA	1:37:A:LEU:HD13	9	0.15
(13,1133)	1:37:A:LEU:HA	1:37:A:LEU:HD11	10	0.15
(13,1133)	1:37:A:LEU:HA	1:37:A:LEU:HD12	10	0.15
(13,1133)	1:37:A:LEU:HA	1:37:A:LEU:HD13	10	0.15
(13,1128)	1:145:A:PRO:HB2	1:146:A:GLN:HA	11	0.15
(13,1081)	1:42:A:GLU:HA	1:44:A:GLU:H	8	0.15
(13,1024)	1:11:A:ILE:HA	1:11:A:ILE:HG12	15	0.15
(13,928)	1:11:A:ILE:HD11	1:12:A:VAL:HA	4	0.15
(13,928)	1:11:A:ILE:HD12	1:12:A:VAL:HA	4	0.15
(13,928)	1:11:A:ILE:HD13	1:12:A:VAL:HA	4	0.15
(13,906)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	18	0.15
(13,906)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	18	0.15
(13,881)	1:94:A:ALA:HA	1:95:A:ILE:HB	19	0.15
(13,859)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	10	0.15
(13,859)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	10	0.15
(13,859)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	10	0.15
(13,854)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	19	0.15
(13,854)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	19	0.15
(13,847)	1:8:A:ASP:HB3	1:9:A:PHE:HD1	2	0.15
(13,847)	1:8:A:ASP:HB3	1:9:A:PHE:HD2	2	0.15
(13,847)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	2	0.15
(13,847)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	2	0.15
(13,832)	1:49:A:LYS:HA	1:49:A:LYS:HE2	8	0.15
(13,832)	1:49:A:LYS:HA	1:49:A:LYS:HE3	8	0.15
(13,812)	1:114:A:ILE:HD11	1:117:A:VAL:H	2	0.15
(13,812)	1:114:A:ILE:HD12	1:117:A:VAL:H	2	0.15
(13,812)	1:114:A:ILE:HD13	1:117:A:VAL:H	2	0.15
(13,746)	1:37:A:LEU:H	1:40:A:LEU:HB2	5	0.15
(13,737)	1:147:A:ARG:HA	1:147:A:ARG:HE	11	0.15
(13,718)	1:45:A:ALA:H	1:46:A:ASN:HD22	5	0.15
(13,471)	1:103:A:ARG:H	1:103:A:ARG:HG2	2	0.15
(13,471)	1:103:A:ARG:H	1:103:A:ARG:HG3	2	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE1	1	0.15
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE2	1	0.15
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE3	1	0.15
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE1	14	0.15
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE2	14	0.15
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE3	14	0.15
(13,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	16	0.15
(13,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	16	0.15
(13,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	16	0.15
(13,227)	1:45:A:ALA:HA	1:48:A:ARG:H	1	0.15
(13,215)	1:48:A:ARG:H	1:48:A:ARG:HD2	11	0.15
(13,215)	1:48:A:ARG:H	1:48:A:ARG:HD3	11	0.15
(13,203)	1:101:A:ILE:H	1:101:A:ILE:HB	5	0.15
(13,173)	1:8:A:ASP:H	1:8:A:ASP:HB2	4	0.15
(13,125)	1:42:A:GLU:H	1:43:A:MET:HB2	10	0.15
(13,113)	1:80:A:TYR:H	1:81:A:GLU:HG2	19	0.15
(13,113)	1:80:A:TYR:H	1:81:A:GLU:HG3	19	0.15
(13,110)	1:21:A:THR:HB	1:22:A:ASP:H	15	0.15
(13,87)	1:151:A:PHE:H	1:151:A:PHE:HB3	5	0.15
(11,2464)	1:151:A:PHE:H	1:151:A:PHE:HB2	9	0.15
(11,2464)	1:151:A:PHE:H	1:151:A:PHE:HB3	9	0.15
(11,2464)	1:151:A:PHE:H	1:151:A:PHE:HB2	18	0.15
(11,2464)	1:151:A:PHE:H	1:151:A:PHE:HB3	18	0.15
(11,2443)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.15
(11,2443)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.15
(11,2443)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.15
(11,2443)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.15
(11,2443)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.15
(11,2443)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.15
(11,2443)	1:139:A:LEU:HD11	1:144:A:LEU:H	6	0.15
(11,2443)	1:139:A:LEU:HD12	1:144:A:LEU:H	6	0.15
(11,2443)	1:139:A:LEU:HD13	1:144:A:LEU:H	6	0.15
(11,2443)	1:139:A:LEU:HD21	1:144:A:LEU:H	6	0.15
(11,2443)	1:139:A:LEU:HD22	1:144:A:LEU:H	6	0.15
(11,2443)	1:139:A:LEU:HD23	1:144:A:LEU:H	6	0.15
(11,2436)	1:139:A:LEU:HD11	1:142:A:LYS:HA	13	0.15
(11,2436)	1:139:A:LEU:HD12	1:142:A:LYS:HA	13	0.15
(11,2436)	1:139:A:LEU:HD13	1:142:A:LYS:HA	13	0.15
(11,2436)	1:139:A:LEU:HD21	1:142:A:LYS:HA	13	0.15
(11,2436)	1:139:A:LEU:HD22	1:142:A:LYS:HA	13	0.15
(11,2436)	1:139:A:LEU:HD23	1:142:A:LYS:HA	13	0.15
(11,2303)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	10	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2303)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	10	0.15
(11,2303)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	10	0.15
(11,2303)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	10	0.15
(11,2303)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	10	0.15
(11,2303)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	10	0.15
(11,2303)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	10	0.15
(11,2303)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	10	0.15
(11,2303)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	10	0.15
(11,2303)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	10	0.15
(11,2303)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	10	0.15
(11,2303)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	10	0.15
(11,2273)	1:72:A:PHE:HA	1:109:A:PRO:HG2	7	0.15
(11,2273)	1:72:A:PHE:HA	1:109:A:PRO:HG3	7	0.15
(11,2092)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	1	0.15
(11,2092)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	1	0.15
(11,2092)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	1	0.15
(11,2092)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	1	0.15
(11,2092)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	1	0.15
(11,2092)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	1	0.15
(11,2092)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	1	0.15
(11,2092)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	1	0.15
(11,2092)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	1	0.15
(11,2092)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	1	0.15
(11,2092)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	1	0.15
(11,2092)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	1	0.15
(11,2087)	1:35:A:LEU:HD11	1:38:A:GLU:H	3	0.15
(11,2087)	1:35:A:LEU:HD12	1:38:A:GLU:H	3	0.15
(11,2087)	1:35:A:LEU:HD13	1:38:A:GLU:H	3	0.15
(11,2087)	1:35:A:LEU:HD21	1:38:A:GLU:H	3	0.15
(11,2087)	1:35:A:LEU:HD22	1:38:A:GLU:H	3	0.15
(11,2087)	1:35:A:LEU:HD23	1:38:A:GLU:H	3	0.15
(11,1996)	1:12:A:VAL:HG11	1:43:A:MET:H	16	0.15
(11,1996)	1:12:A:VAL:HG12	1:43:A:MET:H	16	0.15
(11,1996)	1:12:A:VAL:HG13	1:43:A:MET:H	16	0.15
(11,1996)	1:12:A:VAL:HG21	1:43:A:MET:H	16	0.15
(11,1996)	1:12:A:VAL:HG22	1:43:A:MET:H	16	0.15
(11,1996)	1:12:A:VAL:HG23	1:43:A:MET:H	16	0.15
(11,1941)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	5	0.15
(11,1941)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	5	0.15
(11,1911)	1:98:A:ILE:HG12	1:104:A:PHE:HZ	6	0.15
(11,1910)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	10	0.15
(11,1910)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	10	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1910)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	10	0.15
(11,1903)	1:104:A:PHE:HE1	1:115:A:ALA:H	13	0.15
(11,1903)	1:104:A:PHE:HE2	1:115:A:ALA:H	13	0.15
(11,1849)	1:9:A:PHE:HZ	1:11:A:ILE:HB	16	0.15
(11,1835)	1:104:A:PHE:HE1	1:105:A:LYS:HA	9	0.15
(11,1835)	1:104:A:PHE:HE2	1:105:A:LYS:HA	9	0.15
(11,1817)	1:80:A:TYR:HD1	1:81:A:GLU:HG2	16	0.15
(11,1817)	1:80:A:TYR:HD1	1:81:A:GLU:HG3	16	0.15
(11,1817)	1:80:A:TYR:HD2	1:81:A:GLU:HG2	16	0.15
(11,1817)	1:80:A:TYR:HD2	1:81:A:GLU:HG3	16	0.15
(11,1762)	1:21:A:THR:HG21	1:24:A:ASP:HB2	17	0.15
(11,1762)	1:21:A:THR:HG21	1:24:A:ASP:HB3	17	0.15
(11,1762)	1:21:A:THR:HG22	1:24:A:ASP:HB2	17	0.15
(11,1762)	1:21:A:THR:HG22	1:24:A:ASP:HB3	17	0.15
(11,1762)	1:21:A:THR:HG23	1:24:A:ASP:HB2	17	0.15
(11,1762)	1:21:A:THR:HG23	1:24:A:ASP:HB3	17	0.15
(11,1704)	1:107:A:LEU:H	1:111:A:GLU:HB2	13	0.15
(11,1704)	1:107:A:LEU:H	1:111:A:GLU:HB3	13	0.15
(11,1682)	1:134:A:VAL:HG11	1:137:A:SER:H	6	0.15
(11,1682)	1:134:A:VAL:HG12	1:137:A:SER:H	6	0.15
(11,1682)	1:134:A:VAL:HG13	1:137:A:SER:H	6	0.15
(11,1653)	1:149:A:ALA:HB1	1:151:A:PHE:HA	7	0.15
(11,1653)	1:149:A:ALA:HB2	1:151:A:PHE:HA	7	0.15
(11,1653)	1:149:A:ALA:HB3	1:151:A:PHE:HA	7	0.15
(11,1614)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	7	0.15
(11,1614)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	7	0.15
(11,1614)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	7	0.15
(11,1600)	1:11:A:ILE:HG21	1:11:A:ILE:HD11	14	0.15
(11,1600)	1:11:A:ILE:HG21	1:11:A:ILE:HD12	14	0.15
(11,1600)	1:11:A:ILE:HG21	1:11:A:ILE:HD13	14	0.15
(11,1600)	1:11:A:ILE:HG22	1:11:A:ILE:HD11	14	0.15
(11,1600)	1:11:A:ILE:HG22	1:11:A:ILE:HD12	14	0.15
(11,1600)	1:11:A:ILE:HG22	1:11:A:ILE:HD13	14	0.15
(11,1600)	1:11:A:ILE:HG23	1:11:A:ILE:HD11	14	0.15
(11,1600)	1:11:A:ILE:HG23	1:11:A:ILE:HD12	14	0.15
(11,1600)	1:11:A:ILE:HG23	1:11:A:ILE:HD13	14	0.15
(11,1596)	1:11:A:ILE:HD11	1:12:A:VAL:H	18	0.15
(11,1596)	1:11:A:ILE:HD12	1:12:A:VAL:H	18	0.15
(11,1596)	1:11:A:ILE:HD13	1:12:A:VAL:H	18	0.15
(11,1572)	1:139:A:LEU:HD21	1:142:A:LYS:HE2	14	0.15
(11,1572)	1:139:A:LEU:HD21	1:142:A:LYS:HE3	14	0.15
(11,1572)	1:139:A:LEU:HD22	1:142:A:LYS:HE2	14	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1572)	1:139:A:LEU:HD22	1:142:A:LYS:HE3	14	0.15
(11,1572)	1:139:A:LEU:HD23	1:142:A:LYS:HE2	14	0.15
(11,1572)	1:139:A:LEU:HD23	1:142:A:LYS:HE3	14	0.15
(11,1564)	1:63:A:ILE:HG21	1:69:A:MET:HE1	7	0.15
(11,1564)	1:63:A:ILE:HG21	1:69:A:MET:HE2	7	0.15
(11,1564)	1:63:A:ILE:HG21	1:69:A:MET:HE3	7	0.15
(11,1564)	1:63:A:ILE:HG22	1:69:A:MET:HE1	7	0.15
(11,1564)	1:63:A:ILE:HG22	1:69:A:MET:HE2	7	0.15
(11,1564)	1:63:A:ILE:HG22	1:69:A:MET:HE3	7	0.15
(11,1564)	1:63:A:ILE:HG23	1:69:A:MET:HE1	7	0.15
(11,1564)	1:63:A:ILE:HG23	1:69:A:MET:HE2	7	0.15
(11,1564)	1:63:A:ILE:HG23	1:69:A:MET:HE3	7	0.15
(11,1541)	1:110:A:MET:HE1	1:113:A:PHE:HE1	13	0.15
(11,1541)	1:110:A:MET:HE1	1:113:A:PHE:HE2	13	0.15
(11,1541)	1:110:A:MET:HE2	1:113:A:PHE:HE1	13	0.15
(11,1541)	1:110:A:MET:HE2	1:113:A:PHE:HE2	13	0.15
(11,1541)	1:110:A:MET:HE3	1:113:A:PHE:HE1	13	0.15
(11,1541)	1:110:A:MET:HE3	1:113:A:PHE:HE2	13	0.15
(11,1488)	1:45:A:ALA:HB1	1:47:A:ALA:H	2	0.15
(11,1488)	1:45:A:ALA:HB2	1:47:A:ALA:H	2	0.15
(11,1488)	1:45:A:ALA:HB3	1:47:A:ALA:H	2	0.15
(11,1479)	1:13:A:ALA:HB1	1:79:A:THR:HB	8	0.15
(11,1479)	1:13:A:ALA:HB2	1:79:A:THR:HB	8	0.15
(11,1479)	1:13:A:ALA:HB3	1:79:A:THR:HB	8	0.15
(11,1450)	1:119:A:LEU:HA	1:121:A:VAL:HG21	15	0.15
(11,1450)	1:119:A:LEU:HA	1:121:A:VAL:HG22	15	0.15
(11,1450)	1:119:A:LEU:HA	1:121:A:VAL:HG23	15	0.15
(11,1437)	1:69:A:MET:HA	1:73:A:ILE:HG21	18	0.15
(11,1437)	1:69:A:MET:HA	1:73:A:ILE:HG22	18	0.15
(11,1437)	1:69:A:MET:HA	1:73:A:ILE:HG23	18	0.15
(11,1235)	1:37:A:LEU:HA	1:37:A:LEU:HD21	2	0.15
(11,1235)	1:37:A:LEU:HA	1:37:A:LEU:HD22	2	0.15
(11,1235)	1:37:A:LEU:HA	1:37:A:LEU:HD23	2	0.15
(11,1159)	1:80:A:TYR:HA	1:80:A:TYR:HE1	8	0.15
(11,1159)	1:80:A:TYR:HA	1:80:A:TYR:HE2	8	0.15
(11,1159)	1:80:A:TYR:HA	1:80:A:TYR:HE1	9	0.15
(11,1159)	1:80:A:TYR:HA	1:80:A:TYR:HE2	9	0.15
(11,1159)	1:80:A:TYR:HA	1:80:A:TYR:HE1	13	0.15
(11,1159)	1:80:A:TYR:HA	1:80:A:TYR:HE2	13	0.15
(11,1159)	1:80:A:TYR:HA	1:80:A:TYR:HE1	17	0.15
(11,1159)	1:80:A:TYR:HA	1:80:A:TYR:HE2	17	0.15
(11,1159)	1:80:A:TYR:HA	1:80:A:TYR:HE1	19	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1159)	1:80:A:TYR:HA	1:80:A:TYR:HE2	19	0.15
(11,1099)	1:48:A:ARG:H	1:48:A:ARG:HG2	18	0.15
(11,1099)	1:48:A:ARG:H	1:48:A:ARG:HG3	18	0.15
(11,1093)	1:108:A:GLU:HB2	1:109:A:PRO:HD3	3	0.15
(11,1049)	1:11:A:ILE:HA	1:11:A:ILE:HG12	15	0.15
(11,1047)	1:11:A:ILE:HB	1:44:A:GLU:HB2	9	0.15
(11,1047)	1:11:A:ILE:HB	1:44:A:GLU:HB3	9	0.15
(11,1039)	1:41:A:LYS:HA	1:44:A:GLU:HB2	18	0.15
(11,1039)	1:41:A:LYS:HA	1:44:A:GLU:HB3	18	0.15
(11,995)	1:102:A:PRO:HA	1:105:A:LYS:HD2	12	0.15
(11,995)	1:102:A:PRO:HA	1:105:A:LYS:HD3	12	0.15
(11,939)	1:117:A:VAL:HA	1:118:A:ASP:HA	2	0.15
(11,896)	1:73:A:ILE:HB	1:76:A:ARG:HA	2	0.15
(11,862)	1:60:A:LEU:HB2	1:63:A:ILE:H	1	0.15
(11,862)	1:60:A:LEU:HB2	1:63:A:ILE:H	6	0.15
(11,846)	1:49:A:LYS:HA	1:49:A:LYS:HE2	8	0.15
(11,846)	1:49:A:LYS:HA	1:49:A:LYS:HE3	8	0.15
(11,812)	1:98:A:ILE:HD11	1:116:A:GLN:H	2	0.15
(11,812)	1:98:A:ILE:HD12	1:116:A:GLN:H	2	0.15
(11,812)	1:98:A:ILE:HD13	1:116:A:GLN:H	2	0.15
(11,812)	1:98:A:ILE:HD11	1:116:A:GLN:H	14	0.15
(11,812)	1:98:A:ILE:HD12	1:116:A:GLN:H	14	0.15
(11,812)	1:98:A:ILE:HD13	1:116:A:GLN:H	14	0.15
(11,801)	1:54:A:ARG:HA	1:58:A:ILE:HD11	13	0.15
(11,801)	1:54:A:ARG:HA	1:58:A:ILE:HD12	13	0.15
(11,801)	1:54:A:ARG:HA	1:58:A:ILE:HD13	13	0.15
(11,781)	1:11:A:ILE:HA	1:11:A:ILE:HD11	6	0.15
(11,781)	1:11:A:ILE:HA	1:11:A:ILE:HD12	6	0.15
(11,781)	1:11:A:ILE:HA	1:11:A:ILE:HD13	6	0.15
(11,733)	1:45:A:ALA:H	1:46:A:ASN:HD22	5	0.15
(11,717)	1:45:A:ALA:H	1:48:A:ARG:HE	9	0.15
(11,712)	1:45:A:ALA:HB1	1:48:A:ARG:HE	1	0.15
(11,712)	1:45:A:ALA:HB2	1:48:A:ARG:HE	1	0.15
(11,712)	1:45:A:ALA:HB3	1:48:A:ARG:HE	1	0.15
(11,712)	1:45:A:ALA:HB1	1:48:A:ARG:HE	3	0.15
(11,712)	1:45:A:ALA:HB2	1:48:A:ARG:HE	3	0.15
(11,712)	1:45:A:ALA:HB3	1:48:A:ARG:HE	3	0.15
(11,673)	1:120:A:CYS:H	1:121:A:VAL:HG11	16	0.15
(11,673)	1:120:A:CYS:H	1:121:A:VAL:HG12	16	0.15
(11,673)	1:120:A:CYS:H	1:121:A:VAL:HG13	16	0.15
(11,671)	1:116:A:GLN:HG3	1:117:A:VAL:H	4	0.15
(11,619)	1:29:A:LYS:H	1:30:A:LEU:H	18	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,548)	1:59:A:CYS:HB3	1:61:A:SER:H	16	0.15
(11,540)	1:60:A:LEU:HD21	1:61:A:SER:H	18	0.15
(11,540)	1:60:A:LEU:HD22	1:61:A:SER:H	18	0.15
(11,540)	1:60:A:LEU:HD23	1:61:A:SER:H	18	0.15
(11,338)	1:57:A:LEU:H	1:58:A:ILE:HB	7	0.15
(11,338)	1:57:A:LEU:H	1:58:A:ILE:HB	14	0.15
(11,294)	1:120:A:CYS:H	1:121:A:VAL:H	6	0.15
(11,294)	1:120:A:CYS:H	1:121:A:VAL:H	18	0.15
(11,223)	1:45:A:ALA:HA	1:48:A:ARG:H	1	0.15
(11,203)	1:101:A:ILE:H	1:101:A:ILE:HB	5	0.15
(11,179)	1:93:A:GLU:H	1:93:A:GLU:HB2	5	0.15
(11,179)	1:93:A:GLU:H	1:93:A:GLU:HB3	5	0.15
(11,178)	1:93:A:GLU:H	1:93:A:GLU:HG2	18	0.15
(11,178)	1:93:A:GLU:H	1:93:A:GLU:HG3	18	0.15
(11,173)	1:8:A:ASP:H	1:8:A:ASP:HB2	4	0.15
(11,128)	1:42:A:GLU:H	1:43:A:MET:HB2	10	0.15
(11,115)	1:80:A:TYR:H	1:81:A:GLU:HG2	19	0.15
(11,115)	1:80:A:TYR:H	1:81:A:GLU:HG3	19	0.15
(11,52)	1:47:A:ALA:H	1:48:A:ARG:HB2	6	0.15
(11,52)	1:47:A:ALA:H	1:48:A:ARG:HB3	6	0.15
(11,43)	1:43:A:MET:HA	1:47:A:ALA:H	11	0.15
(11,37)	1:96:A:VAL:H	1:96:A:VAL:HB	10	0.15
(11,31)	1:35:A:LEU:H	1:35:A:LEU:HG	7	0.15
(11,9)	1:63:A:ILE:HG13	1:64:A:LYS:H	19	0.15
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	11	0.15
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	11	0.15
(9,2435)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	11	0.15
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	11	0.15
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	11	0.15
(9,2435)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	11	0.15
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD11	6	0.15
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD12	6	0.15
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD13	6	0.15
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD21	6	0.15
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD22	6	0.15
(9,2381)	1:136:A:CYS:HA	1:140:A:LEU:HD23	6	0.15
(9,2326)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	5	0.15
(9,2326)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	5	0.15
(9,2326)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	5	0.15
(9,2326)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	5	0.15
(9,2326)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	5	0.15
(9,2326)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	5	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2326)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	9	0.15
(9,2326)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	9	0.15
(9,2326)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	9	0.15
(9,2326)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	9	0.15
(9,2326)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	9	0.15
(9,2326)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	9	0.15
(9,2326)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	10	0.15
(9,2326)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	10	0.15
(9,2326)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	10	0.15
(9,2326)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	10	0.15
(9,2326)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	10	0.15
(9,2326)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	10	0.15
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	9	0.15
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	9	0.15
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	9	0.15
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	9	0.15
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	9	0.15
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	9	0.15
(9,2287)	1:111:A:GLU:H	1:111:A:GLU:HG2	12	0.15
(9,2287)	1:111:A:GLU:H	1:111:A:GLU:HG3	12	0.15
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD11	10	0.15
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD12	10	0.15
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD13	10	0.15
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD21	10	0.15
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD22	10	0.15
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD23	10	0.15
(9,2210)	1:72:A:PHE:HA	1:109:A:PRO:HG2	7	0.15
(9,2210)	1:72:A:PHE:HA	1:109:A:PRO:HG3	7	0.15
(9,2192)	1:67:A:PRO:HD2	1:96:A:VAL:HG11	6	0.15
(9,2192)	1:67:A:PRO:HD2	1:96:A:VAL:HG12	6	0.15
(9,2192)	1:67:A:PRO:HD2	1:96:A:VAL:HG13	6	0.15
(9,2192)	1:67:A:PRO:HD2	1:96:A:VAL:HG21	6	0.15
(9,2192)	1:67:A:PRO:HD2	1:96:A:VAL:HG22	6	0.15
(9,2192)	1:67:A:PRO:HD2	1:96:A:VAL:HG23	6	0.15
(9,2192)	1:67:A:PRO:HD3	1:96:A:VAL:HG11	6	0.15
(9,2192)	1:67:A:PRO:HD3	1:96:A:VAL:HG12	6	0.15
(9,2192)	1:67:A:PRO:HD3	1:96:A:VAL:HG13	6	0.15
(9,2192)	1:67:A:PRO:HD3	1:96:A:VAL:HG21	6	0.15
(9,2192)	1:67:A:PRO:HD3	1:96:A:VAL:HG22	6	0.15
(9,2192)	1:67:A:PRO:HD3	1:96:A:VAL:HG23	6	0.15
(9,2174)	1:64:A:LYS:H	1:116:A:GLN:HE21	3	0.15
(9,2174)	1:64:A:LYS:H	1:116:A:GLN:HE22	3	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2135)	1:47:A:ALA:HB1	1:131:A:LEU:HD11	10	0.15
(9,2135)	1:47:A:ALA:HB1	1:131:A:LEU:HD12	10	0.15
(9,2135)	1:47:A:ALA:HB1	1:131:A:LEU:HD13	10	0.15
(9,2135)	1:47:A:ALA:HB1	1:131:A:LEU:HD21	10	0.15
(9,2135)	1:47:A:ALA:HB1	1:131:A:LEU:HD22	10	0.15
(9,2135)	1:47:A:ALA:HB1	1:131:A:LEU:HD23	10	0.15
(9,2135)	1:47:A:ALA:HB2	1:131:A:LEU:HD11	10	0.15
(9,2135)	1:47:A:ALA:HB2	1:131:A:LEU:HD12	10	0.15
(9,2135)	1:47:A:ALA:HB2	1:131:A:LEU:HD13	10	0.15
(9,2135)	1:47:A:ALA:HB2	1:131:A:LEU:HD21	10	0.15
(9,2135)	1:47:A:ALA:HB2	1:131:A:LEU:HD22	10	0.15
(9,2135)	1:47:A:ALA:HB2	1:131:A:LEU:HD23	10	0.15
(9,2135)	1:47:A:ALA:HB3	1:131:A:LEU:HD11	10	0.15
(9,2135)	1:47:A:ALA:HB3	1:131:A:LEU:HD12	10	0.15
(9,2135)	1:47:A:ALA:HB3	1:131:A:LEU:HD13	10	0.15
(9,2135)	1:47:A:ALA:HB3	1:131:A:LEU:HD21	10	0.15
(9,2135)	1:47:A:ALA:HB3	1:131:A:LEU:HD22	10	0.15
(9,2135)	1:47:A:ALA:HB3	1:131:A:LEU:HD23	10	0.15
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG11	18	0.15
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG12	18	0.15
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG13	18	0.15
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG21	18	0.15
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG22	18	0.15
(9,2121)	1:43:A:MET:HA	1:134:A:VAL:HG23	18	0.15
(9,2093)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	5	0.15
(9,2093)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	5	0.15
(9,2093)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	5	0.15
(9,2093)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	5	0.15
(9,2093)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	5	0.15
(9,2093)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	5	0.15
(9,2093)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	5	0.15
(9,2093)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	5	0.15
(9,2093)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	5	0.15
(9,2093)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	5	0.15
(9,2093)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	5	0.15
(9,2093)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	5	0.15
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG11	9	0.15
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG12	9	0.15
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG13	9	0.15
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG21	9	0.15
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG22	9	0.15
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG23	9	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2029)	1:28:A:GLY:HA2	1:30:A:LEU:HD11	13	0.15
(9,2029)	1:28:A:GLY:HA2	1:30:A:LEU:HD12	13	0.15
(9,2029)	1:28:A:GLY:HA2	1:30:A:LEU:HD13	13	0.15
(9,2029)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	13	0.15
(9,2029)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	13	0.15
(9,2029)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	13	0.15
(9,2029)	1:28:A:GLY:HA3	1:30:A:LEU:HD11	13	0.15
(9,2029)	1:28:A:GLY:HA3	1:30:A:LEU:HD12	13	0.15
(9,2029)	1:28:A:GLY:HA3	1:30:A:LEU:HD13	13	0.15
(9,2029)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	13	0.15
(9,2029)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	13	0.15
(9,2029)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	13	0.15
(9,1925)	1:9:A:PHE:HE1	1:14:A:VAL:HG11	5	0.15
(9,1925)	1:9:A:PHE:HE1	1:14:A:VAL:HG12	5	0.15
(9,1925)	1:9:A:PHE:HE1	1:14:A:VAL:HG13	5	0.15
(9,1925)	1:9:A:PHE:HE1	1:14:A:VAL:HG21	5	0.15
(9,1925)	1:9:A:PHE:HE1	1:14:A:VAL:HG22	5	0.15
(9,1925)	1:9:A:PHE:HE1	1:14:A:VAL:HG23	5	0.15
(9,1925)	1:9:A:PHE:HE2	1:14:A:VAL:HG11	5	0.15
(9,1925)	1:9:A:PHE:HE2	1:14:A:VAL:HG12	5	0.15
(9,1925)	1:9:A:PHE:HE2	1:14:A:VAL:HG13	5	0.15
(9,1925)	1:9:A:PHE:HE2	1:14:A:VAL:HG21	5	0.15
(9,1925)	1:9:A:PHE:HE2	1:14:A:VAL:HG22	5	0.15
(9,1925)	1:9:A:PHE:HE2	1:14:A:VAL:HG23	5	0.15
(9,1891)	1:98:A:ILE:HG12	1:104:A:PHE:HZ	6	0.15
(9,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	10	0.15
(9,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	10	0.15
(9,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	10	0.15
(9,1883)	1:104:A:PHE:HE1	1:115:A:ALA:H	13	0.15
(9,1883)	1:104:A:PHE:HE2	1:115:A:ALA:H	13	0.15
(9,1882)	1:104:A:PHE:HE1	1:105:A:LYS:H	19	0.15
(9,1882)	1:104:A:PHE:HE2	1:105:A:LYS:H	19	0.15
(9,1830)	1:61:A:SER:H	1:62:A:HIS:HD2	2	0.15
(9,1814)	1:9:A:PHE:HZ	1:11:A:ILE:HB	16	0.15
(9,1798)	1:104:A:PHE:HE1	1:105:A:LYS:HA	9	0.15
(9,1798)	1:104:A:PHE:HE2	1:105:A:LYS:HA	9	0.15
(9,1779)	1:80:A:TYR:HD1	1:81:A:GLU:HG2	16	0.15
(9,1779)	1:80:A:TYR:HD1	1:81:A:GLU:HG3	16	0.15
(9,1779)	1:80:A:TYR:HD2	1:81:A:GLU:HG2	16	0.15
(9,1779)	1:80:A:TYR:HD2	1:81:A:GLU:HG3	16	0.15
(9,1765)	1:67:A:PRO:HA	1:71:A:LYS:H	11	0.15
(9,1757)	1:57:A:LEU:HG	1:60:A:LEU:HG	13	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1716)	1:21:A:THR:HG21	1:24:A:ASP:HB2	17	0.15
(9,1716)	1:21:A:THR:HG21	1:24:A:ASP:HB3	17	0.15
(9,1716)	1:21:A:THR:HG22	1:24:A:ASP:HB2	17	0.15
(9,1716)	1:21:A:THR:HG22	1:24:A:ASP:HB3	17	0.15
(9,1716)	1:21:A:THR:HG23	1:24:A:ASP:HB2	17	0.15
(9,1716)	1:21:A:THR:HG23	1:24:A:ASP:HB3	17	0.15
(9,1698)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	17	0.15
(9,1698)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	17	0.15
(9,1661)	1:107:A:LEU:H	1:111:A:GLU:HB2	13	0.15
(9,1661)	1:107:A:LEU:H	1:111:A:GLU:HB3	13	0.15
(9,1649)	1:69:A:MET:HE1	1:116:A:GLN:HG3	12	0.15
(9,1649)	1:69:A:MET:HE2	1:116:A:GLN:HG3	12	0.15
(9,1649)	1:69:A:MET:HE3	1:116:A:GLN:HG3	12	0.15
(9,1547)	1:139:A:LEU:H	1:139:A:LEU:HD11	7	0.15
(9,1547)	1:139:A:LEU:H	1:139:A:LEU:HD12	7	0.15
(9,1547)	1:139:A:LEU:H	1:139:A:LEU:HD13	7	0.15
(9,1522)	1:110:A:MET:HE1	1:113:A:PHE:HA	10	0.15
(9,1522)	1:110:A:MET:HE2	1:113:A:PHE:HA	10	0.15
(9,1522)	1:110:A:MET:HE3	1:113:A:PHE:HA	10	0.15
(9,1517)	1:110:A:MET:HE1	1:113:A:PHE:HE1	13	0.15
(9,1517)	1:110:A:MET:HE1	1:113:A:PHE:HE2	13	0.15
(9,1517)	1:110:A:MET:HE2	1:113:A:PHE:HE1	13	0.15
(9,1517)	1:110:A:MET:HE2	1:113:A:PHE:HE2	13	0.15
(9,1517)	1:110:A:MET:HE3	1:113:A:PHE:HE1	13	0.15
(9,1517)	1:110:A:MET:HE3	1:113:A:PHE:HE2	13	0.15
(9,1452)	1:13:A:ALA:HB1	1:79:A:THR:HB	11	0.15
(9,1452)	1:13:A:ALA:HB2	1:79:A:THR:HB	11	0.15
(9,1452)	1:13:A:ALA:HB3	1:79:A:THR:HB	11	0.15
(9,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB1	6	0.15
(9,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB2	6	0.15
(9,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB3	6	0.15
(9,1438)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	12	0.15
(9,1438)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	12	0.15
(9,1426)	1:119:A:LEU:HA	1:121:A:VAL:HG21	15	0.15
(9,1426)	1:119:A:LEU:HA	1:121:A:VAL:HG22	15	0.15
(9,1426)	1:119:A:LEU:HA	1:121:A:VAL:HG23	15	0.15
(9,1402)	1:60:A:LEU:HD21	1:120:A:CYS:HA	19	0.15
(9,1402)	1:60:A:LEU:HD22	1:120:A:CYS:HA	19	0.15
(9,1402)	1:60:A:LEU:HD23	1:120:A:CYS:HA	19	0.15
(9,1351)	1:121:A:VAL:H	1:121:A:VAL:HG11	17	0.15
(9,1351)	1:121:A:VAL:H	1:121:A:VAL:HG12	17	0.15
(9,1351)	1:121:A:VAL:H	1:121:A:VAL:HG13	17	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1297)	1:11:A:ILE:HA	1:14:A:VAL:HG11	16	0.15
(9,1297)	1:11:A:ILE:HA	1:14:A:VAL:HG12	16	0.15
(9,1297)	1:11:A:ILE:HA	1:14:A:VAL:HG13	16	0.15
(9,1255)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	16	0.15
(9,1255)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	16	0.15
(9,1255)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	16	0.15
(9,1232)	1:136:A:CYS:HA	1:140:A:LEU:HD11	11	0.15
(9,1232)	1:136:A:CYS:HA	1:140:A:LEU:HD12	11	0.15
(9,1232)	1:136:A:CYS:HA	1:140:A:LEU:HD13	11	0.15
(9,1158)	1:37:A:LEU:HA	1:37:A:LEU:HD11	1	0.15
(9,1158)	1:37:A:LEU:HA	1:37:A:LEU:HD12	1	0.15
(9,1158)	1:37:A:LEU:HA	1:37:A:LEU:HD13	1	0.15
(9,1158)	1:37:A:LEU:HA	1:37:A:LEU:HD11	9	0.15
(9,1158)	1:37:A:LEU:HA	1:37:A:LEU:HD12	9	0.15
(9,1158)	1:37:A:LEU:HA	1:37:A:LEU:HD13	9	0.15
(9,1158)	1:37:A:LEU:HA	1:37:A:LEU:HD11	10	0.15
(9,1158)	1:37:A:LEU:HA	1:37:A:LEU:HD12	10	0.15
(9,1158)	1:37:A:LEU:HA	1:37:A:LEU:HD13	10	0.15
(9,1114)	1:41:A:LYS:HA	1:41:A:LYS:HG3	5	0.15
(9,1083)	1:108:A:GLU:HB2	1:109:A:PRO:HD3	3	0.15
(9,1073)	1:38:A:GLU:HA	1:41:A:LYS:H	12	0.15
(9,1024)	1:41:A:LYS:HA	1:44:A:GLU:HB2	18	0.15
(9,1024)	1:41:A:LYS:HA	1:44:A:GLU:HB3	18	0.15
(9,929)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	14	0.15
(9,929)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	14	0.15
(9,924)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	18	0.15
(9,924)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	18	0.15
(9,871)	1:11:A:ILE:HG21	1:40:A:LEU:HB2	6	0.15
(9,871)	1:11:A:ILE:HG22	1:40:A:LEU:HB2	6	0.15
(9,871)	1:11:A:ILE:HG23	1:40:A:LEU:HB2	6	0.15
(9,844)	1:49:A:LYS:HA	1:49:A:LYS:HE2	8	0.15
(9,844)	1:49:A:LYS:HA	1:49:A:LYS:HE3	8	0.15
(9,823)	1:114:A:ILE:HD11	1:117:A:VAL:H	2	0.15
(9,823)	1:114:A:ILE:HD12	1:117:A:VAL:H	2	0.15
(9,823)	1:114:A:ILE:HD13	1:117:A:VAL:H	2	0.15
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	1	0.15
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	1	0.15
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	1	0.15
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	1	0.15
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	1	0.15
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	1	0.15
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	1	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	1	0.15
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	1	0.15
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	11	0.15
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	11	0.15
(9,809)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	11	0.15
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	11	0.15
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	11	0.15
(9,809)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	11	0.15
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	11	0.15
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	11	0.15
(9,809)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	11	0.15
(9,738)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	18	0.15
(9,738)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	18	0.15
(9,733)	1:45:A:ALA:H	1:46:A:ASN:HD22	5	0.15
(9,717)	1:73:A:ILE:HG21	1:76:A:ARG:HE	7	0.15
(9,717)	1:73:A:ILE:HG22	1:76:A:ARG:HE	7	0.15
(9,717)	1:73:A:ILE:HG23	1:76:A:ARG:HE	7	0.15
(9,711)	1:45:A:ALA:H	1:48:A:ARG:HE	9	0.15
(9,691)	1:98:A:ILE:H	1:100:A:ALA:H	13	0.15
(9,617)	1:29:A:LYS:H	1:30:A:LEU:H	18	0.15
(9,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	2	0.15
(9,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	3	0.15
(9,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	4	0.15
(9,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	6	0.15
(9,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	7	0.15
(9,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	8	0.15
(9,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	10	0.15
(9,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	12	0.15
(9,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	13	0.15
(9,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	16	0.15
(9,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	19	0.15
(9,545)	1:60:A:LEU:HD21	1:61:A:SER:H	18	0.15
(9,545)	1:60:A:LEU:HD22	1:61:A:SER:H	18	0.15
(9,545)	1:60:A:LEU:HD23	1:61:A:SER:H	18	0.15
(9,480)	1:103:A:ARG:H	1:103:A:ARG:HG2	2	0.15
(9,480)	1:103:A:ARG:H	1:103:A:ARG:HG3	2	0.15
(9,299)	1:120:A:CYS:H	1:121:A:VAL:H	6	0.15
(9,299)	1:120:A:CYS:H	1:121:A:VAL:H	18	0.15
(9,279)	1:112:A:GLN:H	1:112:A:GLN:HE21	18	0.15
(9,219)	1:48:A:ARG:H	1:48:A:ARG:HD2	11	0.15
(9,219)	1:48:A:ARG:H	1:48:A:ARG:HD3	11	0.15
(9,207)	1:101:A:ILE:H	1:101:A:ILE:HB	5	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,182)	1:93:A:GLU:H	1:93:A:GLU:HG2	18	0.15
(9,182)	1:93:A:GLU:H	1:93:A:GLU:HG3	18	0.15
(9,175)	1:8:A:ASP:H	1:8:A:ASP:HB2	4	0.15
(9,168)	1:131:A:LEU:H	1:131:A:LEU:HD21	15	0.15
(9,168)	1:131:A:LEU:H	1:131:A:LEU:HD22	15	0.15
(9,168)	1:131:A:LEU:H	1:131:A:LEU:HD23	15	0.15
(9,126)	1:42:A:GLU:H	1:43:A:MET:HB2	10	0.15
(9,44)	1:98:A:ILE:H	1:99:A:PRO:HD3	16	0.15
(7,2454)	1:141:A:LYS:HA	1:145:A:PRO:HD2	10	0.15
(7,2454)	1:141:A:LYS:HA	1:145:A:PRO:HD3	10	0.15
(7,2454)	1:141:A:LYS:HA	1:145:A:PRO:HD2	14	0.15
(7,2454)	1:141:A:LYS:HA	1:145:A:PRO:HD3	14	0.15
(7,2331)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	16	0.15
(7,2331)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	16	0.15
(7,2331)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	16	0.15
(7,2331)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	16	0.15
(7,2318)	1:107:A:LEU:HD11	1:112:A:GLN:H	18	0.15
(7,2318)	1:107:A:LEU:HD12	1:112:A:GLN:H	18	0.15
(7,2318)	1:107:A:LEU:HD13	1:112:A:GLN:H	18	0.15
(7,2318)	1:107:A:LEU:HD21	1:112:A:GLN:H	18	0.15
(7,2318)	1:107:A:LEU:HD22	1:112:A:GLN:H	18	0.15
(7,2318)	1:107:A:LEU:HD23	1:112:A:GLN:H	18	0.15
(7,2313)	1:107:A:LEU:HA	1:108:A:GLU:HG2	17	0.15
(7,2313)	1:107:A:LEU:HA	1:108:A:GLU:HG3	17	0.15
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	2	0.15
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	2	0.15
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	2	0.15
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	2	0.15
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	2	0.15
(7,2297)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	2	0.15
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	2	0.15
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	2	0.15
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	2	0.15
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	2	0.15
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	2	0.15
(7,2297)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	2	0.15
(7,2266)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	6	0.15
(7,2266)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	6	0.15
(7,2266)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	6	0.15
(7,2266)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	6	0.15
(7,2266)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	6	0.15
(7,2266)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	6	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2266)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	6	0.15
(7,2266)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	6	0.15
(7,2266)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	6	0.15
(7,2266)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	6	0.15
(7,2266)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	6	0.15
(7,2266)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	6	0.15
(7,2248)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	9	0.15
(7,2248)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	9	0.15
(7,2248)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	17	0.15
(7,2248)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	17	0.15
(7,2236)	1:72:A:PHE:HA	1:109:A:PRO:HG2	7	0.15
(7,2236)	1:72:A:PHE:HA	1:109:A:PRO:HG3	7	0.15
(7,2214)	1:65:A:CYS:HB2	1:69:A:MET:HE1	16	0.15
(7,2214)	1:65:A:CYS:HB2	1:69:A:MET:HE2	16	0.15
(7,2214)	1:65:A:CYS:HB2	1:69:A:MET:HE3	16	0.15
(7,2214)	1:65:A:CYS:HB3	1:69:A:MET:HE1	16	0.15
(7,2214)	1:65:A:CYS:HB3	1:69:A:MET:HE2	16	0.15
(7,2214)	1:65:A:CYS:HB3	1:69:A:MET:HE3	16	0.15
(7,2143)	1:47:A:ALA:HA	1:57:A:LEU:HD11	2	0.15
(7,2143)	1:47:A:ALA:HA	1:57:A:LEU:HD12	2	0.15
(7,2143)	1:47:A:ALA:HA	1:57:A:LEU:HD13	2	0.15
(7,2143)	1:47:A:ALA:HA	1:57:A:LEU:HD21	2	0.15
(7,2143)	1:47:A:ALA:HA	1:57:A:LEU:HD22	2	0.15
(7,2143)	1:47:A:ALA:HA	1:57:A:LEU:HD23	2	0.15
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD11	8	0.15
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD12	8	0.15
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD13	8	0.15
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD21	8	0.15
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD22	8	0.15
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD23	8	0.15
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD11	16	0.15
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD12	16	0.15
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD13	16	0.15
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD21	16	0.15
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD22	16	0.15
(7,2099)	1:40:A:LEU:HA	1:40:A:LEU:HD23	16	0.15
(7,2042)	1:35:A:LEU:HD11	1:38:A:GLU:H	3	0.15
(7,2042)	1:35:A:LEU:HD12	1:38:A:GLU:H	3	0.15
(7,2042)	1:35:A:LEU:HD13	1:38:A:GLU:H	3	0.15
(7,2042)	1:35:A:LEU:HD21	1:38:A:GLU:H	3	0.15
(7,2042)	1:35:A:LEU:HD22	1:38:A:GLU:H	3	0.15
(7,2042)	1:35:A:LEU:HD23	1:38:A:GLU:H	3	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1992)	1:23:A:LEU:H	1:23:A:LEU:HD11	10	0.15
(7,1992)	1:23:A:LEU:H	1:23:A:LEU:HD12	10	0.15
(7,1992)	1:23:A:LEU:H	1:23:A:LEU:HD13	10	0.15
(7,1992)	1:23:A:LEU:H	1:23:A:LEU:HD21	10	0.15
(7,1992)	1:23:A:LEU:H	1:23:A:LEU:HD22	10	0.15
(7,1992)	1:23:A:LEU:H	1:23:A:LEU:HD23	10	0.15
(7,1930)	1:13:A:ALA:H	1:40:A:LEU:HD11	5	0.15
(7,1930)	1:13:A:ALA:H	1:40:A:LEU:HD12	5	0.15
(7,1930)	1:13:A:ALA:H	1:40:A:LEU:HD13	5	0.15
(7,1930)	1:13:A:ALA:H	1:40:A:LEU:HD21	5	0.15
(7,1930)	1:13:A:ALA:H	1:40:A:LEU:HD22	5	0.15
(7,1930)	1:13:A:ALA:H	1:40:A:LEU:HD23	5	0.15
(7,1863)	1:98:A:ILE:HG12	1:104:A:PHE:HZ	6	0.15
(7,1862)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	10	0.15
(7,1862)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	10	0.15
(7,1862)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	10	0.15
(7,1856)	1:104:A:PHE:HE1	1:115:A:ALA:H	13	0.15
(7,1856)	1:104:A:PHE:HE2	1:115:A:ALA:H	13	0.15
(7,1807)	1:61:A:SER:H	1:62:A:HIS:HD2	2	0.15
(7,1795)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	14	0.15
(7,1795)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	14	0.15
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	18	0.15
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	18	0.15
(7,1790)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	18	0.15
(7,1789)	1:9:A:PHE:HZ	1:11:A:ILE:HB	16	0.15
(7,1774)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	3	0.15
(7,1774)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	3	0.15
(7,1774)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	3	0.15
(7,1774)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	3	0.15
(7,1761)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	2	0.15
(7,1761)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	2	0.15
(7,1761)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	2	0.15
(7,1761)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	2	0.15
(7,1761)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	2	0.15
(7,1761)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	2	0.15
(7,1750)	1:80:A:TYR:HD1	1:81:A:GLU:HG2	16	0.15
(7,1750)	1:80:A:TYR:HD1	1:81:A:GLU:HG3	16	0.15
(7,1750)	1:80:A:TYR:HD2	1:81:A:GLU:HG2	16	0.15
(7,1750)	1:80:A:TYR:HD2	1:81:A:GLU:HG3	16	0.15
(7,1747)	1:13:A:ALA:H	1:80:A:TYR:HD1	6	0.15
(7,1747)	1:13:A:ALA:H	1:80:A:TYR:HD2	6	0.15
(7,1727)	1:57:A:LEU:HG	1:60:A:LEU:HG	13	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1686)	1:19:A:ALA:HB1	1:20:A:THR:HG21	12	0.15
(7,1686)	1:19:A:ALA:HB1	1:20:A:THR:HG22	12	0.15
(7,1686)	1:19:A:ALA:HB1	1:20:A:THR:HG23	12	0.15
(7,1686)	1:19:A:ALA:HB2	1:20:A:THR:HG21	12	0.15
(7,1686)	1:19:A:ALA:HB2	1:20:A:THR:HG22	12	0.15
(7,1686)	1:19:A:ALA:HB2	1:20:A:THR:HG23	12	0.15
(7,1686)	1:19:A:ALA:HB3	1:20:A:THR:HG21	12	0.15
(7,1686)	1:19:A:ALA:HB3	1:20:A:THR:HG22	12	0.15
(7,1686)	1:19:A:ALA:HB3	1:20:A:THR:HG23	12	0.15
(7,1663)	1:57:A:LEU:HB3	1:58:A:ILE:HD11	7	0.15
(7,1663)	1:57:A:LEU:HB3	1:58:A:ILE:HD12	7	0.15
(7,1663)	1:57:A:LEU:HB3	1:58:A:ILE:HD13	7	0.15
(7,1654)	1:69:A:MET:HG3	1:109:A:PRO:HA	10	0.15
(7,1639)	1:107:A:LEU:H	1:111:A:GLU:HB2	13	0.15
(7,1639)	1:107:A:LEU:H	1:111:A:GLU:HB3	13	0.15
(7,1605)	1:113:A:PHE:HB3	1:114:A:ILE:HG21	17	0.15
(7,1605)	1:113:A:PHE:HB3	1:114:A:ILE:HG22	17	0.15
(7,1605)	1:113:A:PHE:HB3	1:114:A:ILE:HG23	17	0.15
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG21	13	0.15
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG22	13	0.15
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG23	13	0.15
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG11	10	0.15
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG12	10	0.15
(7,1575)	1:119:A:LEU:HB3	1:121:A:VAL:HG13	10	0.15
(7,1546)	1:11:A:ILE:HG21	1:11:A:ILE:HD11	14	0.15
(7,1546)	1:11:A:ILE:HG21	1:11:A:ILE:HD12	14	0.15
(7,1546)	1:11:A:ILE:HG21	1:11:A:ILE:HD13	14	0.15
(7,1546)	1:11:A:ILE:HG22	1:11:A:ILE:HD11	14	0.15
(7,1546)	1:11:A:ILE:HG22	1:11:A:ILE:HD12	14	0.15
(7,1546)	1:11:A:ILE:HG22	1:11:A:ILE:HD13	14	0.15
(7,1546)	1:11:A:ILE:HG23	1:11:A:ILE:HD11	14	0.15
(7,1546)	1:11:A:ILE:HG23	1:11:A:ILE:HD12	14	0.15
(7,1546)	1:11:A:ILE:HG23	1:11:A:ILE:HD13	14	0.15
(7,1483)	1:43:A:MET:H	1:43:A:MET:HE1	13	0.15
(7,1483)	1:43:A:MET:H	1:43:A:MET:HE2	13	0.15
(7,1483)	1:43:A:MET:H	1:43:A:MET:HE3	13	0.15
(7,1426)	1:50:A:ALA:HB1	1:130:A:GLY:H	4	0.15
(7,1426)	1:50:A:ALA:HB2	1:130:A:GLY:H	4	0.15
(7,1426)	1:50:A:ALA:HB3	1:130:A:GLY:H	4	0.15
(7,1424)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	12	0.15
(7,1424)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	12	0.15
(7,1414)	1:119:A:LEU:HA	1:121:A:VAL:HG21	15	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1414)	1:119:A:LEU:HA	1:121:A:VAL:HG22	15	0.15
(7,1414)	1:119:A:LEU:HA	1:121:A:VAL:HG23	15	0.15
(7,1362)	1:12:A:VAL:HG21	1:13:A:ALA:HA	4	0.15
(7,1362)	1:12:A:VAL:HG22	1:13:A:ALA:HA	4	0.15
(7,1362)	1:12:A:VAL:HG23	1:13:A:ALA:HA	4	0.15
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG11	19	0.15
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG12	19	0.15
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG13	19	0.15
(7,1338)	1:121:A:VAL:H	1:121:A:VAL:HG11	17	0.15
(7,1338)	1:121:A:VAL:H	1:121:A:VAL:HG12	17	0.15
(7,1338)	1:121:A:VAL:H	1:121:A:VAL:HG13	17	0.15
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG11	14	0.15
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG12	14	0.15
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG13	14	0.15
(7,1317)	1:131:A:LEU:H	1:131:A:LEU:HD21	15	0.15
(7,1317)	1:131:A:LEU:H	1:131:A:LEU:HD22	15	0.15
(7,1317)	1:131:A:LEU:H	1:131:A:LEU:HD23	15	0.15
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD11	15	0.15
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD12	15	0.15
(7,1296)	1:66:A:THR:HG21	1:98:A:ILE:HD13	15	0.15
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD11	15	0.15
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD12	15	0.15
(7,1296)	1:66:A:THR:HG22	1:98:A:ILE:HD13	15	0.15
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD11	15	0.15
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD12	15	0.15
(7,1296)	1:66:A:THR:HG23	1:98:A:ILE:HD13	15	0.15
(7,1285)	1:123:A:CYS:HB3	1:128:A:LEU:HD11	18	0.15
(7,1285)	1:123:A:CYS:HB3	1:128:A:LEU:HD12	18	0.15
(7,1285)	1:123:A:CYS:HB3	1:128:A:LEU:HD13	18	0.15
(7,1170)	1:23:A:LEU:HD21	1:24:A:ASP:H	12	0.15
(7,1170)	1:23:A:LEU:HD22	1:24:A:ASP:H	12	0.15
(7,1170)	1:23:A:LEU:HD23	1:24:A:ASP:H	12	0.15
(7,1123)	1:80:A:TYR:HA	1:80:A:TYR:HE1	8	0.15
(7,1123)	1:80:A:TYR:HA	1:80:A:TYR:HE2	8	0.15
(7,1123)	1:80:A:TYR:HA	1:80:A:TYR:HE1	9	0.15
(7,1123)	1:80:A:TYR:HA	1:80:A:TYR:HE2	9	0.15
(7,1123)	1:80:A:TYR:HA	1:80:A:TYR:HE1	13	0.15
(7,1123)	1:80:A:TYR:HA	1:80:A:TYR:HE2	13	0.15
(7,1123)	1:80:A:TYR:HA	1:80:A:TYR:HE1	17	0.15
(7,1123)	1:80:A:TYR:HA	1:80:A:TYR:HE2	17	0.15
(7,1123)	1:80:A:TYR:HA	1:80:A:TYR:HE1	19	0.15
(7,1123)	1:80:A:TYR:HA	1:80:A:TYR:HE2	19	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1112)	1:31:A:PRO:HB2	1:144:A:LEU:HD11	17	0.15
(7,1112)	1:31:A:PRO:HB2	1:144:A:LEU:HD12	17	0.15
(7,1112)	1:31:A:PRO:HB2	1:144:A:LEU:HD13	17	0.15
(7,1112)	1:31:A:PRO:HB3	1:144:A:LEU:HD11	17	0.15
(7,1112)	1:31:A:PRO:HB3	1:144:A:LEU:HD12	17	0.15
(7,1112)	1:31:A:PRO:HB3	1:144:A:LEU:HD13	17	0.15
(7,1017)	1:11:A:ILE:HA	1:11:A:ILE:HG12	15	0.15
(7,971)	1:12:A:VAL:HB	1:40:A:LEU:H	13	0.15
(7,918)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	16	0.15
(7,918)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	16	0.15
(7,918)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	16	0.15
(7,918)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	16	0.15
(7,912)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	18	0.15
(7,912)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	18	0.15
(7,883)	1:94:A:ALA:HA	1:95:A:ILE:HB	19	0.15
(7,865)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	10	0.15
(7,865)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	10	0.15
(7,865)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	10	0.15
(7,838)	1:49:A:LYS:HA	1:49:A:LYS:HE2	8	0.15
(7,838)	1:49:A:LYS:HA	1:49:A:LYS:HE3	8	0.15
(7,816)	1:114:A:ILE:HD11	1:117:A:VAL:H	2	0.15
(7,816)	1:114:A:ILE:HD12	1:117:A:VAL:H	2	0.15
(7,816)	1:114:A:ILE:HD13	1:117:A:VAL:H	2	0.15
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD11	6	0.15
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD12	6	0.15
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD13	6	0.15
(7,751)	1:37:A:LEU:H	1:40:A:LEU:HB2	5	0.15
(7,710)	1:45:A:ALA:H	1:48:A:ARG:HE	9	0.15
(7,652)	1:98:A:ILE:H	1:100:A:ALA:H	13	0.15
(7,628)	1:9:A:PHE:HE1	1:58:A:ILE:H	2	0.15
(7,628)	1:9:A:PHE:HE2	1:58:A:ILE:H	2	0.15
(7,584)	1:126:A:GLY:H	1:128:A:LEU:HB2	4	0.15
(7,490)	1:98:A:ILE:H	1:105:A:LYS:H	8	0.15
(7,460)	1:18:A:PHE:H	1:113:A:PHE:HE1	14	0.15
(7,460)	1:18:A:PHE:H	1:113:A:PHE:HE2	14	0.15
(7,372)	1:41:A:LYS:H	1:44:A:GLU:HB2	18	0.15
(7,372)	1:41:A:LYS:H	1:44:A:GLU:HB3	18	0.15
(7,297)	1:128:A:LEU:HB3	1:129:A:LYS:H	10	0.15
(7,293)	1:120:A:CYS:H	1:121:A:VAL:H	6	0.15
(7,293)	1:120:A:CYS:H	1:121:A:VAL:H	18	0.15
(7,274)	1:112:A:GLN:H	1:112:A:GLN:HE21	18	0.15
(7,229)	1:45:A:ALA:HA	1:48:A:ARG:H	1	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,206)	1:101:A:ILE:H	1:101:A:ILE:HB	5	0.15
(7,180)	1:93:A:GLU:H	1:93:A:GLU:HB2	5	0.15
(7,180)	1:93:A:GLU:H	1:93:A:GLU:HB3	5	0.15
(7,179)	1:93:A:GLU:H	1:93:A:GLU:HG2	18	0.15
(7,179)	1:93:A:GLU:H	1:93:A:GLU:HG3	18	0.15
(7,126)	1:42:A:GLU:H	1:43:A:MET:HB2	10	0.15
(7,111)	1:21:A:THR:HB	1:22:A:ASP:H	15	0.15
(7,107)	1:69:A:MET:H	1:70:A:LYS:HG3	8	0.15
(7,69)	1:44:A:GLU:HG2	1:45:A:ALA:H	17	0.15
(7,69)	1:44:A:GLU:HG2	1:45:A:ALA:H	19	0.15
(7,68)	1:44:A:GLU:HB2	1:45:A:ALA:H	3	0.15
(7,68)	1:44:A:GLU:HB3	1:45:A:ALA:H	3	0.15
(7,68)	1:44:A:GLU:HB2	1:45:A:ALA:H	6	0.15
(7,68)	1:44:A:GLU:HB3	1:45:A:ALA:H	6	0.15
(7,68)	1:44:A:GLU:HB2	1:45:A:ALA:H	13	0.15
(7,68)	1:44:A:GLU:HB3	1:45:A:ALA:H	13	0.15
(7,28)	1:13:A:ALA:H	1:40:A:LEU:HD11	1	0.15
(7,28)	1:13:A:ALA:H	1:40:A:LEU:HD12	1	0.15
(7,28)	1:13:A:ALA:H	1:40:A:LEU:HD13	1	0.15
(7,28)	1:13:A:ALA:H	1:40:A:LEU:HD11	6	0.15
(7,28)	1:13:A:ALA:H	1:40:A:LEU:HD12	6	0.15
(7,28)	1:13:A:ALA:H	1:40:A:LEU:HD13	6	0.15
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD11	6	0.15
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD12	6	0.15
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD13	6	0.15
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD21	6	0.15
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD22	6	0.15
(6,2432)	1:136:A:CYS:HA	1:140:A:LEU:HD23	6	0.15
(6,2262)	1:72:A:PHE:HA	1:109:A:PRO:HG2	7	0.15
(6,2262)	1:72:A:PHE:HA	1:109:A:PRO:HG3	7	0.15
(6,2261)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	16	0.15
(6,2261)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	16	0.15
(6,2163)	1:47:A:ALA:H	1:131:A:LEU:HD11	5	0.15
(6,2163)	1:47:A:ALA:H	1:131:A:LEU:HD12	5	0.15
(6,2163)	1:47:A:ALA:H	1:131:A:LEU:HD13	5	0.15
(6,2163)	1:47:A:ALA:H	1:131:A:LEU:HD21	5	0.15
(6,2163)	1:47:A:ALA:H	1:131:A:LEU:HD22	5	0.15
(6,2163)	1:47:A:ALA:H	1:131:A:LEU:HD23	5	0.15
(6,2140)	1:43:A:MET:H	1:140:A:LEU:HD11	9	0.15
(6,2140)	1:43:A:MET:H	1:140:A:LEU:HD12	9	0.15
(6,2140)	1:43:A:MET:H	1:140:A:LEU:HD13	9	0.15
(6,2140)	1:43:A:MET:H	1:140:A:LEU:HD21	9	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2140)	1:43:A:MET:H	1:140:A:LEU:HD22	9	0.15
(6,2140)	1:43:A:MET:H	1:140:A:LEU:HD23	9	0.15
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD11	14	0.15
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD12	14	0.15
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD13	14	0.15
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD21	14	0.15
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD22	14	0.15
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD23	14	0.15
(6,2033)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	11	0.15
(6,2033)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	11	0.15
(6,2033)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	11	0.15
(6,2033)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	11	0.15
(6,2033)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	11	0.15
(6,2033)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	11	0.15
(6,2033)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	11	0.15
(6,2033)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	11	0.15
(6,2033)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	11	0.15
(6,2033)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	11	0.15
(6,2033)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	11	0.15
(6,2033)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	11	0.15
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	4	0.15
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	4	0.15
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	4	0.15
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	4	0.15
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	4	0.15
(6,2032)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	4	0.15
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	4	0.15
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	4	0.15
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	4	0.15
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	4	0.15
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	4	0.15
(6,2032)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	4	0.15
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG11	19	0.15
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG12	19	0.15
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG13	19	0.15
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG21	19	0.15
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG22	19	0.15
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG23	19	0.15
(6,2011)	1:15:A:ALA:H	1:131:A:LEU:HD11	8	0.15
(6,2011)	1:15:A:ALA:H	1:131:A:LEU:HD12	8	0.15
(6,2011)	1:15:A:ALA:H	1:131:A:LEU:HD13	8	0.15
(6,2011)	1:15:A:ALA:H	1:131:A:LEU:HD21	8	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2011)	1:15:A:ALA:H	1:131:A:LEU:HD22	8	0.15
(6,2011)	1:15:A:ALA:H	1:131:A:LEU:HD23	8	0.15
(6,1995)	1:14:A:VAL:HB	1:131:A:LEU:HD11	6	0.15
(6,1995)	1:14:A:VAL:HB	1:131:A:LEU:HD12	6	0.15
(6,1995)	1:14:A:VAL:HB	1:131:A:LEU:HD13	6	0.15
(6,1995)	1:14:A:VAL:HB	1:131:A:LEU:HD21	6	0.15
(6,1995)	1:14:A:VAL:HB	1:131:A:LEU:HD22	6	0.15
(6,1995)	1:14:A:VAL:HB	1:131:A:LEU:HD23	6	0.15
(6,1980)	1:12:A:VAL:HG11	1:31:A:PRO:HB2	17	0.15
(6,1980)	1:12:A:VAL:HG11	1:31:A:PRO:HB3	17	0.15
(6,1980)	1:12:A:VAL:HG12	1:31:A:PRO:HB2	17	0.15
(6,1980)	1:12:A:VAL:HG12	1:31:A:PRO:HB3	17	0.15
(6,1980)	1:12:A:VAL:HG13	1:31:A:PRO:HB2	17	0.15
(6,1980)	1:12:A:VAL:HG13	1:31:A:PRO:HB3	17	0.15
(6,1980)	1:12:A:VAL:HG21	1:31:A:PRO:HB2	17	0.15
(6,1980)	1:12:A:VAL:HG21	1:31:A:PRO:HB3	17	0.15
(6,1980)	1:12:A:VAL:HG22	1:31:A:PRO:HB2	17	0.15
(6,1980)	1:12:A:VAL:HG22	1:31:A:PRO:HB3	17	0.15
(6,1980)	1:12:A:VAL:HG23	1:31:A:PRO:HB2	17	0.15
(6,1980)	1:12:A:VAL:HG23	1:31:A:PRO:HB3	17	0.15
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	4	0.15
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	4	0.15
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	4	0.15
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	4	0.15
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	4	0.15
(6,1962)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	4	0.15
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	4	0.15
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	4	0.15
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	4	0.15
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	4	0.15
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	4	0.15
(6,1962)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	4	0.15
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	4	0.15
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	4	0.15
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	4	0.15
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	4	0.15
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	4	0.15
(6,1962)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	4	0.15
(6,1902)	1:98:A:ILE:HG12	1:104:A:PHE:HZ	6	0.15
(6,1901)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	10	0.15
(6,1901)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	10	0.15
(6,1901)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	10	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1894)	1:104:A:PHE:HE1	1:115:A:ALA:H	13	0.15
(6,1894)	1:104:A:PHE:HE2	1:115:A:ALA:H	13	0.15
(6,1869)	1:113:A:PHE:HE1	1:114:A:ILE:HA	19	0.15
(6,1869)	1:113:A:PHE:HE2	1:114:A:ILE:HA	19	0.15
(6,1843)	1:61:A:SER:H	1:62:A:HIS:HD2	2	0.15
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	18	0.15
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	18	0.15
(6,1827)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	18	0.15
(6,1826)	1:9:A:PHE:HZ	1:11:A:ILE:HB	16	0.15
(6,1823)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	4	0.15
(6,1823)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	4	0.15
(6,1809)	1:104:A:PHE:HE1	1:105:A:LYS:HA	9	0.15
(6,1809)	1:104:A:PHE:HE2	1:105:A:LYS:HA	9	0.15
(6,1792)	1:80:A:TYR:HD1	1:81:A:GLU:HG2	16	0.15
(6,1792)	1:80:A:TYR:HD1	1:81:A:GLU:HG3	16	0.15
(6,1792)	1:80:A:TYR:HD2	1:81:A:GLU:HG2	16	0.15
(6,1792)	1:80:A:TYR:HD2	1:81:A:GLU:HG3	16	0.15
(6,1778)	1:67:A:PRO:HA	1:71:A:LYS:H	11	0.15
(6,1773)	1:63:A:ILE:HG21	1:116:A:GLN:HG2	11	0.15
(6,1773)	1:63:A:ILE:HG22	1:116:A:GLN:HG2	11	0.15
(6,1773)	1:63:A:ILE:HG23	1:116:A:GLN:HG2	11	0.15
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD21	7	0.15
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD22	7	0.15
(6,1766)	1:141:A:LYS:HA	1:144:A:LEU:HD23	7	0.15
(6,1743)	1:105:A:LYS:H	1:105:A:LYS:HG3	3	0.15
(6,1725)	1:21:A:THR:HG21	1:24:A:ASP:HB2	17	0.15
(6,1725)	1:21:A:THR:HG21	1:24:A:ASP:HB3	17	0.15
(6,1725)	1:21:A:THR:HG22	1:24:A:ASP:HB2	17	0.15
(6,1725)	1:21:A:THR:HG22	1:24:A:ASP:HB3	17	0.15
(6,1725)	1:21:A:THR:HG23	1:24:A:ASP:HB2	17	0.15
(6,1725)	1:21:A:THR:HG23	1:24:A:ASP:HB3	17	0.15
(6,1671)	1:107:A:LEU:H	1:111:A:GLU:HB2	13	0.15
(6,1671)	1:107:A:LEU:H	1:111:A:GLU:HB3	13	0.15
(6,1620)	1:149:A:ALA:HB1	1:151:A:PHE:HA	7	0.15
(6,1620)	1:149:A:ALA:HB2	1:151:A:PHE:HA	7	0.15
(6,1620)	1:149:A:ALA:HB3	1:151:A:PHE:HA	7	0.15
(6,1584)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	7	0.15
(6,1584)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	7	0.15
(6,1584)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	7	0.15
(6,1570)	1:11:A:ILE:HG21	1:11:A:ILE:HD11	14	0.15
(6,1570)	1:11:A:ILE:HG21	1:11:A:ILE:HD12	14	0.15
(6,1570)	1:11:A:ILE:HG21	1:11:A:ILE:HD13	14	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1570)	1:11:A:ILE:HG22	1:11:A:ILE:HD11	14	0.15
(6,1570)	1:11:A:ILE:HG22	1:11:A:ILE:HD12	14	0.15
(6,1570)	1:11:A:ILE:HG22	1:11:A:ILE:HD13	14	0.15
(6,1570)	1:11:A:ILE:HG23	1:11:A:ILE:HD11	14	0.15
(6,1570)	1:11:A:ILE:HG23	1:11:A:ILE:HD12	14	0.15
(6,1570)	1:11:A:ILE:HG23	1:11:A:ILE:HD13	14	0.15
(6,1552)	1:139:A:LEU:HD21	1:142:A:LYS:HE2	14	0.15
(6,1552)	1:139:A:LEU:HD21	1:142:A:LYS:HE3	14	0.15
(6,1552)	1:139:A:LEU:HD22	1:142:A:LYS:HE2	14	0.15
(6,1552)	1:139:A:LEU:HD22	1:142:A:LYS:HE3	14	0.15
(6,1552)	1:139:A:LEU:HD23	1:142:A:LYS:HE2	14	0.15
(6,1552)	1:139:A:LEU:HD23	1:142:A:LYS:HE3	14	0.15
(6,1528)	1:66:A:THR:HG21	1:69:A:MET:HE1	6	0.15
(6,1528)	1:66:A:THR:HG21	1:69:A:MET:HE2	6	0.15
(6,1528)	1:66:A:THR:HG21	1:69:A:MET:HE3	6	0.15
(6,1528)	1:66:A:THR:HG22	1:69:A:MET:HE1	6	0.15
(6,1528)	1:66:A:THR:HG22	1:69:A:MET:HE2	6	0.15
(6,1528)	1:66:A:THR:HG22	1:69:A:MET:HE3	6	0.15
(6,1528)	1:66:A:THR:HG23	1:69:A:MET:HE1	6	0.15
(6,1528)	1:66:A:THR:HG23	1:69:A:MET:HE2	6	0.15
(6,1528)	1:66:A:THR:HG23	1:69:A:MET:HE3	6	0.15
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG11	19	0.15
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG12	19	0.15
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG13	19	0.15
(6,1353)	1:121:A:VAL:H	1:121:A:VAL:HG11	17	0.15
(6,1353)	1:121:A:VAL:H	1:121:A:VAL:HG12	17	0.15
(6,1353)	1:121:A:VAL:H	1:121:A:VAL:HG13	17	0.15
(6,1322)	1:53:A:THR:H	1:53:A:THR:HG21	15	0.15
(6,1322)	1:53:A:THR:H	1:53:A:THR:HG22	15	0.15
(6,1322)	1:53:A:THR:H	1:53:A:THR:HG23	15	0.15
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG11	1	0.15
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG12	1	0.15
(6,1297)	1:11:A:ILE:HG13	1:14:A:VAL:HG13	1	0.15
(6,1279)	1:66:A:THR:HG21	1:96:A:VAL:H	3	0.15
(6,1279)	1:66:A:THR:HG22	1:96:A:VAL:H	3	0.15
(6,1279)	1:66:A:THR:HG23	1:96:A:VAL:H	3	0.15
(6,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD11	11	0.15
(6,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD12	11	0.15
(6,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD13	11	0.15
(6,1188)	1:104:A:PHE:HA	1:107:A:LEU:HD21	11	0.15
(6,1188)	1:104:A:PHE:HA	1:107:A:LEU:HD22	11	0.15
(6,1188)	1:104:A:PHE:HA	1:107:A:LEU:HD23	11	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1134)	1:80:A:TYR:HA	1:80:A:TYR:HE1	8	0.15
(6,1134)	1:80:A:TYR:HA	1:80:A:TYR:HE2	8	0.15
(6,1134)	1:80:A:TYR:HA	1:80:A:TYR:HE1	9	0.15
(6,1134)	1:80:A:TYR:HA	1:80:A:TYR:HE2	9	0.15
(6,1134)	1:80:A:TYR:HA	1:80:A:TYR:HE1	13	0.15
(6,1134)	1:80:A:TYR:HA	1:80:A:TYR:HE2	13	0.15
(6,1134)	1:80:A:TYR:HA	1:80:A:TYR:HE1	17	0.15
(6,1134)	1:80:A:TYR:HA	1:80:A:TYR:HE2	17	0.15
(6,1134)	1:80:A:TYR:HA	1:80:A:TYR:HE1	19	0.15
(6,1134)	1:80:A:TYR:HA	1:80:A:TYR:HE2	19	0.15
(6,1069)	1:108:A:GLU:HB2	1:109:A:PRO:HD3	3	0.15
(6,1021)	1:11:A:ILE:HB	1:44:A:GLU:HB2	9	0.15
(6,1021)	1:11:A:ILE:HB	1:44:A:GLU:HB3	9	0.15
(6,1012)	1:41:A:LYS:HA	1:44:A:GLU:HB2	18	0.15
(6,1012)	1:41:A:LYS:HA	1:44:A:GLU:HB3	18	0.15
(6,921)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	16	0.15
(6,921)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	16	0.15
(6,921)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	16	0.15
(6,921)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	16	0.15
(6,915)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	18	0.15
(6,915)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	18	0.15
(6,866)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	10	0.15
(6,866)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	10	0.15
(6,866)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	10	0.15
(6,839)	1:49:A:LYS:HA	1:49:A:LYS:HE2	8	0.15
(6,839)	1:49:A:LYS:HA	1:49:A:LYS:HE3	8	0.15
(6,828)	1:48:A:ARG:HD2	1:49:A:LYS:HA	8	0.15
(6,828)	1:48:A:ARG:HD3	1:49:A:LYS:HA	8	0.15
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	1	0.15
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	1	0.15
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	1	0.15
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	1	0.15
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	1	0.15
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	1	0.15
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	1	0.15
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	1	0.15
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	1	0.15
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	11	0.15
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	11	0.15
(6,806)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	11	0.15
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	11	0.15
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	11	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,806)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	11	0.15
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	11	0.15
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	11	0.15
(6,806)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	11	0.15
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	11	0.15
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	11	0.15
(6,791)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	11	0.15
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	11	0.15
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	11	0.15
(6,791)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	11	0.15
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	11	0.15
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	11	0.15
(6,791)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	11	0.15
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	2	0.15
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	2	0.15
(6,782)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	2	0.15
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	2	0.15
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	2	0.15
(6,782)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	2	0.15
(6,752)	1:37:A:LEU:H	1:40:A:LEU:HB2	5	0.15
(6,733)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	18	0.15
(6,733)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	18	0.15
(6,723)	1:45:A:ALA:H	1:46:A:ASN:HD22	5	0.15
(6,702)	1:23:A:LEU:HD21	1:27:A:ARG:HE	14	0.15
(6,702)	1:23:A:LEU:HD22	1:27:A:ARG:HE	14	0.15
(6,702)	1:23:A:LEU:HD23	1:27:A:ARG:HE	14	0.15
(6,691)	1:98:A:ILE:H	1:100:A:ALA:H	13	0.15
(6,609)	1:14:A:VAL:HB	1:16:A:SER:H	16	0.15
(6,584)	1:74:A:PRO:HD2	1:75:A:GLY:H	2	0.15
(6,584)	1:74:A:PRO:HD2	1:75:A:GLY:H	3	0.15
(6,584)	1:74:A:PRO:HD2	1:75:A:GLY:H	4	0.15
(6,584)	1:74:A:PRO:HD2	1:75:A:GLY:H	6	0.15
(6,584)	1:74:A:PRO:HD2	1:75:A:GLY:H	7	0.15
(6,584)	1:74:A:PRO:HD2	1:75:A:GLY:H	8	0.15
(6,584)	1:74:A:PRO:HD2	1:75:A:GLY:H	10	0.15
(6,584)	1:74:A:PRO:HD2	1:75:A:GLY:H	12	0.15
(6,584)	1:74:A:PRO:HD2	1:75:A:GLY:H	13	0.15
(6,584)	1:74:A:PRO:HD2	1:75:A:GLY:H	16	0.15
(6,584)	1:74:A:PRO:HD2	1:75:A:GLY:H	19	0.15
(6,536)	1:60:A:LEU:HD21	1:61:A:SER:H	18	0.15
(6,536)	1:60:A:LEU:HD22	1:61:A:SER:H	18	0.15
(6,536)	1:60:A:LEU:HD23	1:61:A:SER:H	18	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,483)	1:98:A:ILE:H	1:105:A:LYS:H	17	0.15
(6,482)	1:79:A:THR:H	1:79:A:THR:HG21	10	0.15
(6,482)	1:79:A:THR:H	1:79:A:THR:HG22	10	0.15
(6,482)	1:79:A:THR:H	1:79:A:THR:HG23	10	0.15
(6,455)	1:18:A:PHE:H	1:113:A:PHE:HE1	14	0.15
(6,455)	1:18:A:PHE:H	1:113:A:PHE:HE2	14	0.15
(6,398)	1:128:A:LEU:H	1:128:A:LEU:HD21	2	0.15
(6,398)	1:128:A:LEU:H	1:128:A:LEU:HD22	2	0.15
(6,398)	1:128:A:LEU:H	1:128:A:LEU:HD23	2	0.15
(6,370)	1:41:A:LYS:H	1:44:A:GLU:HB2	18	0.15
(6,370)	1:41:A:LYS:H	1:44:A:GLU:HB3	18	0.15
(6,321)	1:46:A:ASN:H	1:49:A:LYS:HB2	13	0.15
(6,321)	1:46:A:ASN:H	1:49:A:LYS:HB3	13	0.15
(6,292)	1:128:A:LEU:HB3	1:129:A:LYS:H	6	0.15
(6,226)	1:45:A:ALA:HA	1:48:A:ARG:H	1	0.15
(6,215)	1:48:A:ARG:H	1:48:A:ARG:HD2	11	0.15
(6,215)	1:48:A:ARG:H	1:48:A:ARG:HD3	11	0.15
(6,203)	1:101:A:ILE:H	1:101:A:ILE:HB	5	0.15
(6,171)	1:8:A:ASP:H	1:8:A:ASP:HB2	4	0.15
(6,103)	1:67:A:PRO:HD2	1:69:A:MET:H	8	0.15
(6,62)	1:32:A:GLY:HA2	1:81:A:GLU:H	2	0.15
(6,10)	1:64:A:LYS:H	1:64:A:LYS:HE2	16	0.15
(6,10)	1:64:A:LYS:H	1:64:A:LYS:HE3	16	0.15
(6,8)	1:63:A:ILE:HG13	1:64:A:LYS:H	19	0.15
(5,2287)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	4	0.15
(5,2287)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	4	0.15
(5,2287)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	4	0.15
(5,2287)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	4	0.15
(5,2287)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	4	0.15
(5,2287)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	4	0.15
(5,2287)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	4	0.15
(5,2287)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	4	0.15
(5,2287)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	4	0.15
(5,2287)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	4	0.15
(5,2287)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	4	0.15
(5,2287)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	4	0.15
(5,2240)	1:69:A:MET:H	1:70:A:LYS:HG2	15	0.15
(5,2240)	1:69:A:MET:H	1:70:A:LYS:HG3	15	0.15
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	14	0.15
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	14	0.15
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	14	0.15
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	14	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	14	0.15
(5,2166)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	14	0.15
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	14	0.15
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	14	0.15
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	14	0.15
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	14	0.15
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	14	0.15
(5,2166)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	14	0.15
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD11	16	0.15
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD12	16	0.15
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD13	16	0.15
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD21	16	0.15
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD22	16	0.15
(5,2115)	1:40:A:LEU:HA	1:40:A:LEU:HD23	16	0.15
(5,2075)	1:37:A:LEU:H	1:40:A:LEU:HB2	11	0.15
(5,2075)	1:37:A:LEU:H	1:40:A:LEU:HB3	11	0.15
(5,2059)	1:35:A:LEU:HD11	1:38:A:GLU:H	3	0.15
(5,2059)	1:35:A:LEU:HD12	1:38:A:GLU:H	3	0.15
(5,2059)	1:35:A:LEU:HD13	1:38:A:GLU:H	3	0.15
(5,2059)	1:35:A:LEU:HD21	1:38:A:GLU:H	3	0.15
(5,2059)	1:35:A:LEU:HD22	1:38:A:GLU:H	3	0.15
(5,2059)	1:35:A:LEU:HD23	1:38:A:GLU:H	3	0.15
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	15	0.15
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	15	0.15
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	15	0.15
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	15	0.15
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	15	0.15
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	15	0.15
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	15	0.15
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	15	0.15
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	15	0.15
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	15	0.15
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	15	0.15
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	15	0.15
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD11	1	0.15
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD12	1	0.15
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD13	1	0.15
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD21	1	0.15
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD22	1	0.15
(5,1977)	1:14:A:VAL:H	1:131:A:LEU:HD23	1	0.15
(5,1921)	1:63:A:ILE:HB	1:113:A:PHE:HD1	14	0.15
(5,1921)	1:63:A:ILE:HB	1:113:A:PHE:HD2	14	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1907)	1:104:A:PHE:HE1	1:105:A:LYS:H	19	0.15
(5,1907)	1:104:A:PHE:HE2	1:105:A:LYS:H	19	0.15
(5,1893)	1:9:A:PHE:HE1	1:14:A:VAL:HB	15	0.15
(5,1893)	1:9:A:PHE:HE2	1:14:A:VAL:HB	15	0.15
(5,1891)	1:113:A:PHE:HE1	1:114:A:ILE:HA	19	0.15
(5,1891)	1:113:A:PHE:HE2	1:114:A:ILE:HA	19	0.15
(5,1865)	1:61:A:SER:H	1:62:A:HIS:HD2	2	0.15
(5,1849)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	5	0.15
(5,1849)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	5	0.15
(5,1849)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	5	0.15
(5,1848)	1:9:A:PHE:HZ	1:11:A:ILE:HB	16	0.15
(5,1845)	1:113:A:PHE:HD1	1:114:A:ILE:HD11	6	0.15
(5,1845)	1:113:A:PHE:HD1	1:114:A:ILE:HD12	6	0.15
(5,1845)	1:113:A:PHE:HD1	1:114:A:ILE:HD13	6	0.15
(5,1845)	1:113:A:PHE:HD2	1:114:A:ILE:HD11	6	0.15
(5,1845)	1:113:A:PHE:HD2	1:114:A:ILE:HD12	6	0.15
(5,1845)	1:113:A:PHE:HD2	1:114:A:ILE:HD13	6	0.15
(5,1831)	1:104:A:PHE:HE1	1:105:A:LYS:HA	9	0.15
(5,1831)	1:104:A:PHE:HE2	1:105:A:LYS:HA	9	0.15
(5,1811)	1:80:A:TYR:HD1	1:81:A:GLU:HG2	16	0.15
(5,1811)	1:80:A:TYR:HD1	1:81:A:GLU:HG3	16	0.15
(5,1811)	1:80:A:TYR:HD2	1:81:A:GLU:HG2	16	0.15
(5,1811)	1:80:A:TYR:HD2	1:81:A:GLU:HG3	16	0.15
(5,1806)	1:80:A:TYR:H	1:80:A:TYR:HD1	5	0.15
(5,1806)	1:80:A:TYR:H	1:80:A:TYR:HD2	5	0.15
(5,1789)	1:57:A:LEU:HG	1:60:A:LEU:HG	13	0.15
(5,1784)	1:43:A:MET:H	1:140:A:LEU:HD21	4	0.15
(5,1784)	1:43:A:MET:H	1:140:A:LEU:HD22	4	0.15
(5,1784)	1:43:A:MET:H	1:140:A:LEU:HD23	4	0.15
(5,1752)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	10	0.15
(5,1752)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	10	0.15
(5,1752)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	10	0.15
(5,1725)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	17	0.15
(5,1725)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	17	0.15
(5,1708)	1:72:A:PHE:HB2	1:109:A:PRO:HA	6	0.15
(5,1708)	1:72:A:PHE:HB2	1:109:A:PRO:HA	13	0.15
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	15	0.15
(5,1687)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	15	0.15
(5,1636)	1:149:A:ALA:HB1	1:151:A:PHE:HA	7	0.15
(5,1636)	1:149:A:ALA:HB2	1:151:A:PHE:HA	7	0.15
(5,1636)	1:149:A:ALA:HB3	1:151:A:PHE:HA	7	0.15
(5,1611)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	15	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1611)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	15	0.15
(5,1611)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	15	0.15
(5,1598)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	7	0.15
(5,1598)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	7	0.15
(5,1598)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	7	0.15
(5,1586)	1:11:A:ILE:HG21	1:11:A:ILE:HD11	14	0.15
(5,1586)	1:11:A:ILE:HG21	1:11:A:ILE:HD12	14	0.15
(5,1586)	1:11:A:ILE:HG21	1:11:A:ILE:HD13	14	0.15
(5,1586)	1:11:A:ILE:HG22	1:11:A:ILE:HD11	14	0.15
(5,1586)	1:11:A:ILE:HG22	1:11:A:ILE:HD12	14	0.15
(5,1586)	1:11:A:ILE:HG22	1:11:A:ILE:HD13	14	0.15
(5,1586)	1:11:A:ILE:HG23	1:11:A:ILE:HD11	14	0.15
(5,1586)	1:11:A:ILE:HG23	1:11:A:ILE:HD12	14	0.15
(5,1586)	1:11:A:ILE:HG23	1:11:A:ILE:HD13	14	0.15
(5,1547)	1:66:A:THR:HG21	1:69:A:MET:HE1	6	0.15
(5,1547)	1:66:A:THR:HG21	1:69:A:MET:HE2	6	0.15
(5,1547)	1:66:A:THR:HG21	1:69:A:MET:HE3	6	0.15
(5,1547)	1:66:A:THR:HG22	1:69:A:MET:HE1	6	0.15
(5,1547)	1:66:A:THR:HG22	1:69:A:MET:HE2	6	0.15
(5,1547)	1:66:A:THR:HG22	1:69:A:MET:HE3	6	0.15
(5,1547)	1:66:A:THR:HG23	1:69:A:MET:HE1	6	0.15
(5,1547)	1:66:A:THR:HG23	1:69:A:MET:HE2	6	0.15
(5,1547)	1:66:A:THR:HG23	1:69:A:MET:HE3	6	0.15
(5,1462)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	12	0.15
(5,1462)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	12	0.15
(5,1421)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	3	0.15
(5,1421)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	3	0.15
(5,1421)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	3	0.15
(5,1421)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	3	0.15
(5,1421)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	3	0.15
(5,1421)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	3	0.15
(5,1421)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	3	0.15
(5,1421)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	3	0.15
(5,1421)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	3	0.15
(5,1391)	1:46:A:ASN:HB3	1:134:A:VAL:HG21	3	0.15
(5,1391)	1:46:A:ASN:HB3	1:134:A:VAL:HG22	3	0.15
(5,1391)	1:46:A:ASN:HB3	1:134:A:VAL:HG23	3	0.15
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG11	3	0.15
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG12	3	0.15
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG13	3	0.15
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG11	5	0.15
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG12	5	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG13	5	0.15
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG11	8	0.15
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG12	8	0.15
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG13	8	0.15
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG11	10	0.15
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG12	10	0.15
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG13	10	0.15
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG11	12	0.15
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG12	12	0.15
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG13	12	0.15
(5,1373)	1:121:A:VAL:H	1:121:A:VAL:HG11	17	0.15
(5,1373)	1:121:A:VAL:H	1:121:A:VAL:HG12	17	0.15
(5,1373)	1:121:A:VAL:H	1:121:A:VAL:HG13	17	0.15
(5,1348)	1:64:A:LYS:HA	1:64:A:LYS:HD2	13	0.15
(5,1348)	1:64:A:LYS:HA	1:64:A:LYS:HD3	13	0.15
(5,1311)	1:66:A:THR:HG21	1:96:A:VAL:H	3	0.15
(5,1311)	1:66:A:THR:HG22	1:96:A:VAL:H	3	0.15
(5,1311)	1:66:A:THR:HG23	1:96:A:VAL:H	3	0.15
(5,1293)	1:15:A:ALA:HA	1:131:A:LEU:HG	15	0.15
(5,1290)	1:44:A:GLU:HB2	1:45:A:ALA:HA	4	0.15
(5,1290)	1:44:A:GLU:HB3	1:45:A:ALA:HA	4	0.15
(5,1238)	1:136:A:CYS:HA	1:140:A:LEU:HD11	11	0.15
(5,1238)	1:136:A:CYS:HA	1:140:A:LEU:HD12	11	0.15
(5,1238)	1:136:A:CYS:HA	1:140:A:LEU:HD13	11	0.15
(5,1206)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	12	0.15
(5,1206)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	12	0.15
(5,1206)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	12	0.15
(5,1047)	1:11:A:ILE:HA	1:11:A:ILE:HG12	15	0.15
(5,1037)	1:41:A:LYS:HA	1:44:A:GLU:HB2	18	0.15
(5,1037)	1:41:A:LYS:HA	1:44:A:GLU:HB3	18	0.15
(5,957)	1:96:A:VAL:HB	1:97:A:ASP:H	7	0.15
(5,953)	1:40:A:LEU:HA	1:43:A:MET:HG2	3	0.15
(5,923)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	18	0.15
(5,923)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	18	0.15
(5,846)	1:49:A:LYS:HA	1:49:A:LYS:HE2	8	0.15
(5,846)	1:49:A:LYS:HA	1:49:A:LYS:HE3	8	0.15
(5,826)	1:114:A:ILE:HD11	1:117:A:VAL:H	2	0.15
(5,826)	1:114:A:ILE:HD12	1:117:A:VAL:H	2	0.15
(5,826)	1:114:A:ILE:HD13	1:117:A:VAL:H	2	0.15
(5,825)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	2	0.15
(5,825)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	2	0.15
(5,825)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	2	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,825)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	2	0.15
(5,825)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	2	0.15
(5,825)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	2	0.15
(5,801)	1:54:A:ARG:HA	1:58:A:ILE:HD11	13	0.15
(5,801)	1:54:A:ARG:HA	1:58:A:ILE:HD12	13	0.15
(5,801)	1:54:A:ARG:HA	1:58:A:ILE:HD13	13	0.15
(5,797)	1:58:A:ILE:HD11	1:59:A:CYS:H	19	0.15
(5,797)	1:58:A:ILE:HD12	1:59:A:CYS:H	19	0.15
(5,797)	1:58:A:ILE:HD13	1:59:A:CYS:H	19	0.15
(5,782)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	19	0.15
(5,782)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	19	0.15
(5,782)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	19	0.15
(5,715)	1:45:A:ALA:H	1:48:A:ARG:HE	9	0.15
(5,711)	1:45:A:ALA:HB1	1:48:A:ARG:HE	14	0.15
(5,711)	1:45:A:ALA:HB2	1:48:A:ARG:HE	14	0.15
(5,711)	1:45:A:ALA:HB3	1:48:A:ARG:HE	14	0.15
(5,707)	1:23:A:LEU:HD21	1:27:A:ARG:HE	14	0.15
(5,707)	1:23:A:LEU:HD22	1:27:A:ARG:HE	14	0.15
(5,707)	1:23:A:LEU:HD23	1:27:A:ARG:HE	14	0.15
(5,697)	1:98:A:ILE:H	1:100:A:ALA:H	13	0.15
(5,670)	1:63:A:ILE:HG12	1:117:A:VAL:H	12	0.15
(5,576)	1:116:A:GLN:HB2	1:116:A:GLN:HE22	6	0.15
(5,576)	1:116:A:GLN:HB3	1:116:A:GLN:HE22	6	0.15
(5,576)	1:116:A:GLN:HB2	1:116:A:GLN:HE22	16	0.15
(5,576)	1:116:A:GLN:HB3	1:116:A:GLN:HE22	16	0.15
(5,545)	1:73:A:ILE:HD11	1:110:A:MET:H	1	0.15
(5,545)	1:73:A:ILE:HD12	1:110:A:MET:H	1	0.15
(5,545)	1:73:A:ILE:HD13	1:110:A:MET:H	1	0.15
(5,501)	1:70:A:LYS:HE2	1:71:A:LYS:H	14	0.15
(5,501)	1:70:A:LYS:HE3	1:71:A:LYS:H	14	0.15
(5,329)	1:57:A:LEU:H	1:58:A:ILE:HB	7	0.15
(5,329)	1:57:A:LEU:H	1:58:A:ILE:HB	14	0.15
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD11	7	0.15
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD12	7	0.15
(5,304)	1:43:A:MET:H	1:140:A:LEU:HD13	7	0.15
(5,292)	1:128:A:LEU:HB3	1:129:A:LYS:H	6	0.15
(5,266)	1:112:A:GLN:H	1:112:A:GLN:HE21	2	0.15
(5,229)	1:10:A:ASN:H	1:14:A:VAL:HG21	13	0.15
(5,229)	1:10:A:ASN:H	1:14:A:VAL:HG22	13	0.15
(5,229)	1:10:A:ASN:H	1:14:A:VAL:HG23	13	0.15
(5,221)	1:45:A:ALA:HA	1:48:A:ARG:H	1	0.15
(5,211)	1:48:A:ARG:H	1:48:A:ARG:HD2	11	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,211)	1:48:A:ARG:H	1:48:A:ARG:HD3	11	0.15
(5,200)	1:101:A:ILE:H	1:101:A:ILE:HB	5	0.15
(5,173)	1:93:A:GLU:H	1:93:A:GLU:HB2	5	0.15
(5,173)	1:93:A:GLU:H	1:93:A:GLU:HB3	5	0.15
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD11	4	0.15
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD12	4	0.15
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD13	4	0.15
(5,167)	1:8:A:ASP:H	1:8:A:ASP:HB2	4	0.15
(5,110)	1:80:A:TYR:H	1:81:A:GLU:HG2	19	0.15
(5,110)	1:80:A:TYR:H	1:81:A:GLU:HG3	19	0.15
(5,8)	1:63:A:ILE:HG13	1:64:A:LYS:H	19	0.15
(4,2348)	1:111:A:GLU:H	1:111:A:GLU:HG2	12	0.15
(4,2348)	1:111:A:GLU:H	1:111:A:GLU:HG3	12	0.15
(4,2335)	1:107:A:LEU:HD11	1:115:A:ALA:H	2	0.15
(4,2335)	1:107:A:LEU:HD12	1:115:A:ALA:H	2	0.15
(4,2335)	1:107:A:LEU:HD13	1:115:A:ALA:H	2	0.15
(4,2335)	1:107:A:LEU:HD21	1:115:A:ALA:H	2	0.15
(4,2335)	1:107:A:LEU:HD22	1:115:A:ALA:H	2	0.15
(4,2335)	1:107:A:LEU:HD23	1:115:A:ALA:H	2	0.15
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	2	0.15
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	2	0.15
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	2	0.15
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	2	0.15
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	2	0.15
(4,2315)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	2	0.15
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	2	0.15
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	2	0.15
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	2	0.15
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	2	0.15
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	2	0.15
(4,2315)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	2	0.15
(4,2289)	1:98:A:ILE:H	1:104:A:PHE:HB2	10	0.15
(4,2289)	1:98:A:ILE:H	1:104:A:PHE:HB3	10	0.15
(4,2284)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	6	0.15
(4,2284)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	6	0.15
(4,2284)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	6	0.15
(4,2284)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	6	0.15
(4,2284)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	6	0.15
(4,2284)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	6	0.15
(4,2284)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	6	0.15
(4,2284)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	6	0.15
(4,2284)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	6	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2284)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	6	0.15
(4,2284)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	6	0.15
(4,2284)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	6	0.15
(4,2280)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	12	0.15
(4,2280)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	12	0.15
(4,2280)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	12	0.15
(4,2280)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	12	0.15
(4,2280)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	12	0.15
(4,2280)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	12	0.15
(4,2280)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	12	0.15
(4,2280)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	12	0.15
(4,2280)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	12	0.15
(4,2280)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	12	0.15
(4,2280)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	12	0.15
(4,2280)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	12	0.15
(4,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB2	6	0.15
(4,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB3	6	0.15
(4,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB2	6	0.15
(4,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB3	6	0.15
(4,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB2	6	0.15
(4,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB3	6	0.15
(4,2254)	1:72:A:PHE:HA	1:109:A:PRO:HG2	7	0.15
(4,2254)	1:72:A:PHE:HA	1:109:A:PRO:HG3	7	0.15
(4,2229)	1:67:A:PRO:HD2	1:96:A:VAL:HG11	6	0.15
(4,2229)	1:67:A:PRO:HD2	1:96:A:VAL:HG12	6	0.15
(4,2229)	1:67:A:PRO:HD2	1:96:A:VAL:HG13	6	0.15
(4,2229)	1:67:A:PRO:HD2	1:96:A:VAL:HG21	6	0.15
(4,2229)	1:67:A:PRO:HD2	1:96:A:VAL:HG22	6	0.15
(4,2229)	1:67:A:PRO:HD2	1:96:A:VAL:HG23	6	0.15
(4,2229)	1:67:A:PRO:HD3	1:96:A:VAL:HG11	6	0.15
(4,2229)	1:67:A:PRO:HD3	1:96:A:VAL:HG12	6	0.15
(4,2229)	1:67:A:PRO:HD3	1:96:A:VAL:HG13	6	0.15
(4,2229)	1:67:A:PRO:HD3	1:96:A:VAL:HG21	6	0.15
(4,2229)	1:67:A:PRO:HD3	1:96:A:VAL:HG22	6	0.15
(4,2229)	1:67:A:PRO:HD3	1:96:A:VAL:HG23	6	0.15
(4,2123)	1:40:A:LEU:HD11	1:43:A:MET:H	4	0.15
(4,2123)	1:40:A:LEU:HD12	1:43:A:MET:H	4	0.15
(4,2123)	1:40:A:LEU:HD13	1:43:A:MET:H	4	0.15
(4,2123)	1:40:A:LEU:HD21	1:43:A:MET:H	4	0.15
(4,2123)	1:40:A:LEU:HD22	1:43:A:MET:H	4	0.15
(4,2123)	1:40:A:LEU:HD23	1:43:A:MET:H	4	0.15
(4,2102)	1:39:A:VAL:HG11	1:43:A:MET:HB2	10	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2102)	1:39:A:VAL:HG11	1:43:A:MET:HB3	10	0.15
(4,2102)	1:39:A:VAL:HG12	1:43:A:MET:HB2	10	0.15
(4,2102)	1:39:A:VAL:HG12	1:43:A:MET:HB3	10	0.15
(4,2102)	1:39:A:VAL:HG13	1:43:A:MET:HB2	10	0.15
(4,2102)	1:39:A:VAL:HG13	1:43:A:MET:HB3	10	0.15
(4,2102)	1:39:A:VAL:HG21	1:43:A:MET:HB2	10	0.15
(4,2102)	1:39:A:VAL:HG21	1:43:A:MET:HB3	10	0.15
(4,2102)	1:39:A:VAL:HG22	1:43:A:MET:HB2	10	0.15
(4,2102)	1:39:A:VAL:HG22	1:43:A:MET:HB3	10	0.15
(4,2102)	1:39:A:VAL:HG23	1:43:A:MET:HB2	10	0.15
(4,2102)	1:39:A:VAL:HG23	1:43:A:MET:HB3	10	0.15
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD11	6	0.15
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD12	6	0.15
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD13	6	0.15
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD21	6	0.15
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD22	6	0.15
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD23	6	0.15
(4,2039)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	6	0.15
(4,2039)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	6	0.15
(4,2039)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	6	0.15
(4,2039)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	6	0.15
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG11	19	0.15
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG12	19	0.15
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG13	19	0.15
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG21	19	0.15
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG22	19	0.15
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG23	19	0.15
(4,1986)	1:14:A:VAL:HG11	1:61:A:SER:H	12	0.15
(4,1986)	1:14:A:VAL:HG12	1:61:A:SER:H	12	0.15
(4,1986)	1:14:A:VAL:HG13	1:61:A:SER:H	12	0.15
(4,1986)	1:14:A:VAL:HG21	1:61:A:SER:H	12	0.15
(4,1986)	1:14:A:VAL:HG22	1:61:A:SER:H	12	0.15
(4,1986)	1:14:A:VAL:HG23	1:61:A:SER:H	12	0.15
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	16	0.15
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	16	0.15
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	16	0.15
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	16	0.15
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	16	0.15
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	16	0.15
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	16	0.15
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	16	0.15
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	16	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	16	0.15
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	16	0.15
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	16	0.15
(4,1860)	1:104:A:PHE:HE1	1:115:A:ALA:H	18	0.15
(4,1860)	1:104:A:PHE:HE2	1:115:A:ALA:H	18	0.15
(4,1817)	1:61:A:SER:H	1:62:A:HIS:HD2	2	0.15
(4,1806)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	14	0.15
(4,1806)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	14	0.15
(4,1802)	1:9:A:PHE:HZ	1:11:A:ILE:HB	16	0.15
(4,1799)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	13	0.15
(4,1799)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	13	0.15
(4,1799)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	13	0.15
(4,1799)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	13	0.15
(4,1799)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	13	0.15
(4,1799)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	13	0.15
(4,1787)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	3	0.15
(4,1787)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	3	0.15
(4,1787)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	3	0.15
(4,1787)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	3	0.15
(4,1765)	1:80:A:TYR:HD1	1:81:A:GLU:HG2	16	0.15
(4,1765)	1:80:A:TYR:HD1	1:81:A:GLU:HG3	16	0.15
(4,1765)	1:80:A:TYR:HD2	1:81:A:GLU:HG2	16	0.15
(4,1765)	1:80:A:TYR:HD2	1:81:A:GLU:HG3	16	0.15
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD21	7	0.15
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD22	7	0.15
(4,1744)	1:141:A:LYS:HA	1:144:A:LEU:HD23	7	0.15
(4,1703)	1:21:A:THR:HG21	1:24:A:ASP:HB2	17	0.15
(4,1703)	1:21:A:THR:HG21	1:24:A:ASP:HB3	17	0.15
(4,1703)	1:21:A:THR:HG22	1:24:A:ASP:HB2	17	0.15
(4,1703)	1:21:A:THR:HG22	1:24:A:ASP:HB3	17	0.15
(4,1703)	1:21:A:THR:HG23	1:24:A:ASP:HB2	17	0.15
(4,1703)	1:21:A:THR:HG23	1:24:A:ASP:HB3	17	0.15
(4,1682)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	17	0.15
(4,1682)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	17	0.15
(4,1655)	1:125:A:THR:HA	1:128:A:LEU:HA	6	0.15
(4,1655)	1:125:A:THR:HA	1:128:A:LEU:HA	8	0.15
(4,1647)	1:107:A:LEU:H	1:111:A:GLU:HB2	13	0.15
(4,1647)	1:107:A:LEU:H	1:111:A:GLU:HB3	13	0.15
(4,1623)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	15	0.15
(4,1623)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	15	0.15
(4,1623)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	15	0.15
(4,1615)	1:18:A:PHE:HZ	1:60:A:LEU:HA	19	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1600)	1:149:A:ALA:HB1	1:151:A:PHE:HA	7	0.15
(4,1600)	1:149:A:ALA:HB2	1:151:A:PHE:HA	7	0.15
(4,1600)	1:149:A:ALA:HB3	1:151:A:PHE:HA	7	0.15
(4,1565)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	7	0.15
(4,1565)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	7	0.15
(4,1565)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	7	0.15
(4,1552)	1:11:A:ILE:HG21	1:11:A:ILE:HD11	14	0.15
(4,1552)	1:11:A:ILE:HG21	1:11:A:ILE:HD12	14	0.15
(4,1552)	1:11:A:ILE:HG21	1:11:A:ILE:HD13	14	0.15
(4,1552)	1:11:A:ILE:HG22	1:11:A:ILE:HD11	14	0.15
(4,1552)	1:11:A:ILE:HG22	1:11:A:ILE:HD12	14	0.15
(4,1552)	1:11:A:ILE:HG22	1:11:A:ILE:HD13	14	0.15
(4,1552)	1:11:A:ILE:HG23	1:11:A:ILE:HD11	14	0.15
(4,1552)	1:11:A:ILE:HG23	1:11:A:ILE:HD12	14	0.15
(4,1552)	1:11:A:ILE:HG23	1:11:A:ILE:HD13	14	0.15
(4,1536)	1:139:A:LEU:HD21	1:142:A:LYS:HE2	14	0.15
(4,1536)	1:139:A:LEU:HD21	1:142:A:LYS:HE3	14	0.15
(4,1536)	1:139:A:LEU:HD22	1:142:A:LYS:HE2	14	0.15
(4,1536)	1:139:A:LEU:HD22	1:142:A:LYS:HE3	14	0.15
(4,1536)	1:139:A:LEU:HD23	1:142:A:LYS:HE2	14	0.15
(4,1536)	1:139:A:LEU:HD23	1:142:A:LYS:HE3	14	0.15
(4,1527)	1:63:A:ILE:HG21	1:69:A:MET:HE1	7	0.15
(4,1527)	1:63:A:ILE:HG21	1:69:A:MET:HE2	7	0.15
(4,1527)	1:63:A:ILE:HG21	1:69:A:MET:HE3	7	0.15
(4,1527)	1:63:A:ILE:HG22	1:69:A:MET:HE1	7	0.15
(4,1527)	1:63:A:ILE:HG22	1:69:A:MET:HE2	7	0.15
(4,1527)	1:63:A:ILE:HG22	1:69:A:MET:HE3	7	0.15
(4,1527)	1:63:A:ILE:HG23	1:69:A:MET:HE1	7	0.15
(4,1527)	1:63:A:ILE:HG23	1:69:A:MET:HE2	7	0.15
(4,1527)	1:63:A:ILE:HG23	1:69:A:MET:HE3	7	0.15
(4,1462)	1:101:A:ILE:HG21	1:115:A:ALA:HA	2	0.15
(4,1462)	1:101:A:ILE:HG22	1:115:A:ALA:HA	2	0.15
(4,1462)	1:101:A:ILE:HG23	1:115:A:ALA:HA	2	0.15
(4,1462)	1:101:A:ILE:HG21	1:115:A:ALA:HA	14	0.15
(4,1462)	1:101:A:ILE:HG22	1:115:A:ALA:HA	14	0.15
(4,1462)	1:101:A:ILE:HG23	1:115:A:ALA:HA	14	0.15
(4,1441)	1:13:A:ALA:HB1	1:79:A:THR:HB	8	0.15
(4,1441)	1:13:A:ALA:HB2	1:79:A:THR:HB	8	0.15
(4,1441)	1:13:A:ALA:HB3	1:79:A:THR:HB	8	0.15
(4,1430)	1:47:A:ALA:HA	1:50:A:ALA:HB1	6	0.15
(4,1430)	1:47:A:ALA:HA	1:50:A:ALA:HB2	6	0.15
(4,1430)	1:47:A:ALA:HA	1:50:A:ALA:HB3	6	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1413)	1:119:A:LEU:HA	1:121:A:VAL:HG21	15	0.15
(4,1413)	1:119:A:LEU:HA	1:121:A:VAL:HG22	15	0.15
(4,1413)	1:119:A:LEU:HA	1:121:A:VAL:HG23	15	0.15
(4,1392)	1:100:A:ALA:HB1	1:119:A:LEU:HD11	6	0.15
(4,1392)	1:100:A:ALA:HB1	1:119:A:LEU:HD12	6	0.15
(4,1392)	1:100:A:ALA:HB1	1:119:A:LEU:HD13	6	0.15
(4,1392)	1:100:A:ALA:HB2	1:119:A:LEU:HD11	6	0.15
(4,1392)	1:100:A:ALA:HB2	1:119:A:LEU:HD12	6	0.15
(4,1392)	1:100:A:ALA:HB2	1:119:A:LEU:HD13	6	0.15
(4,1392)	1:100:A:ALA:HB3	1:119:A:LEU:HD11	6	0.15
(4,1392)	1:100:A:ALA:HB3	1:119:A:LEU:HD12	6	0.15
(4,1392)	1:100:A:ALA:HB3	1:119:A:LEU:HD13	6	0.15
(4,1339)	1:121:A:VAL:H	1:121:A:VAL:HG11	17	0.15
(4,1339)	1:121:A:VAL:H	1:121:A:VAL:HG12	17	0.15
(4,1339)	1:121:A:VAL:H	1:121:A:VAL:HG13	17	0.15
(4,1318)	1:131:A:LEU:H	1:131:A:LEU:HD21	15	0.15
(4,1318)	1:131:A:LEU:H	1:131:A:LEU:HD22	15	0.15
(4,1318)	1:131:A:LEU:H	1:131:A:LEU:HD23	15	0.15
(4,1310)	1:53:A:THR:H	1:53:A:THR:HG21	15	0.15
(4,1310)	1:53:A:THR:H	1:53:A:THR:HG22	15	0.15
(4,1310)	1:53:A:THR:H	1:53:A:THR:HG23	15	0.15
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD11	16	0.15
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD12	16	0.15
(4,1207)	1:136:A:CYS:HA	1:140:A:LEU:HD13	16	0.15
(4,1084)	1:42:A:GLU:HA	1:44:A:GLU:H	8	0.15
(4,1065)	1:48:A:ARG:HG2	1:49:A:LYS:HA	12	0.15
(4,1065)	1:48:A:ARG:HG3	1:49:A:LYS:HA	12	0.15
(4,1051)	1:38:A:GLU:HA	1:42:A:GLU:H	19	0.15
(4,919)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	18	0.15
(4,919)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	18	0.15
(4,891)	1:21:A:THR:HB	1:23:A:LEU:H	11	0.15
(4,845)	1:49:A:LYS:HA	1:49:A:LYS:HE2	8	0.15
(4,845)	1:49:A:LYS:HA	1:49:A:LYS:HE3	8	0.15
(4,821)	1:114:A:ILE:HD11	1:117:A:VAL:H	2	0.15
(4,821)	1:114:A:ILE:HD12	1:117:A:VAL:H	2	0.15
(4,821)	1:114:A:ILE:HD13	1:117:A:VAL:H	2	0.15
(4,762)	1:69:A:MET:HG3	1:73:A:ILE:HD11	19	0.15
(4,762)	1:69:A:MET:HG3	1:73:A:ILE:HD12	19	0.15
(4,762)	1:69:A:MET:HG3	1:73:A:ILE:HD13	19	0.15
(4,725)	1:45:A:ALA:H	1:46:A:ASN:HD22	5	0.15
(4,689)	1:98:A:ILE:H	1:100:A:ALA:H	13	0.15
(4,543)	1:73:A:ILE:HD11	1:110:A:MET:H	1	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,543)	1:73:A:ILE:HD12	1:110:A:MET:H	1	0.15
(4,543)	1:73:A:ILE:HD13	1:110:A:MET:H	1	0.15
(4,451)	1:18:A:PHE:H	1:113:A:PHE:HE1	14	0.15
(4,451)	1:18:A:PHE:H	1:113:A:PHE:HE2	14	0.15
(4,425)	1:68:A:LYS:H	1:68:A:LYS:HE2	5	0.15
(4,425)	1:68:A:LYS:H	1:68:A:LYS:HE3	5	0.15
(4,287)	1:120:A:CYS:H	1:121:A:VAL:H	6	0.15
(4,287)	1:120:A:CYS:H	1:121:A:VAL:H	18	0.15
(4,270)	1:112:A:GLN:H	1:112:A:GLN:HE21	18	0.15
(4,221)	1:45:A:ALA:HA	1:48:A:ARG:H	1	0.15
(4,202)	1:101:A:ILE:H	1:101:A:ILE:HB	5	0.15
(4,177)	1:93:A:GLU:H	1:93:A:GLU:HB2	5	0.15
(4,177)	1:93:A:GLU:H	1:93:A:GLU:HB3	5	0.15
(4,176)	1:93:A:GLU:H	1:93:A:GLU:HG2	18	0.15
(4,176)	1:93:A:GLU:H	1:93:A:GLU:HG3	18	0.15
(4,111)	1:21:A:THR:HB	1:22:A:ASP:H	15	0.15
(4,87)	1:30:A:LEU:H	1:30:A:LEU:HD11	2	0.15
(4,87)	1:30:A:LEU:H	1:30:A:LEU:HD12	2	0.15
(4,87)	1:30:A:LEU:H	1:30:A:LEU:HD13	2	0.15
(4,8)	1:63:A:ILE:HG13	1:64:A:LYS:H	19	0.15
(3,2491)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.15
(3,2491)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.15
(3,2491)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.15
(3,2491)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.15
(3,2491)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.15
(3,2491)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.15
(3,2491)	1:139:A:LEU:HD11	1:144:A:LEU:H	6	0.15
(3,2491)	1:139:A:LEU:HD12	1:144:A:LEU:H	6	0.15
(3,2491)	1:139:A:LEU:HD13	1:144:A:LEU:H	6	0.15
(3,2491)	1:139:A:LEU:HD21	1:144:A:LEU:H	6	0.15
(3,2491)	1:139:A:LEU:HD22	1:144:A:LEU:H	6	0.15
(3,2491)	1:139:A:LEU:HD23	1:144:A:LEU:H	6	0.15
(3,2484)	1:139:A:LEU:HD11	1:142:A:LYS:HA	13	0.15
(3,2484)	1:139:A:LEU:HD12	1:142:A:LYS:HA	13	0.15
(3,2484)	1:139:A:LEU:HD13	1:142:A:LYS:HA	13	0.15
(3,2484)	1:139:A:LEU:HD21	1:142:A:LYS:HA	13	0.15
(3,2484)	1:139:A:LEU:HD22	1:142:A:LYS:HA	13	0.15
(3,2484)	1:139:A:LEU:HD23	1:142:A:LYS:HA	13	0.15
(3,2411)	1:119:A:LEU:HD11	1:120:A:CYS:H	15	0.15
(3,2411)	1:119:A:LEU:HD12	1:120:A:CYS:H	15	0.15
(3,2411)	1:119:A:LEU:HD13	1:120:A:CYS:H	15	0.15
(3,2411)	1:119:A:LEU:HD21	1:120:A:CYS:H	15	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2411)	1:119:A:LEU:HD22	1:120:A:CYS:H	15	0.15
(3,2411)	1:119:A:LEU:HD23	1:120:A:CYS:H	15	0.15
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	9	0.15
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	9	0.15
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	9	0.15
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	9	0.15
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	9	0.15
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	9	0.15
(3,2376)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	16	0.15
(3,2376)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	16	0.15
(3,2376)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	16	0.15
(3,2376)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	16	0.15
(3,2359)	1:107:A:LEU:HA	1:108:A:GLU:HG2	8	0.15
(3,2359)	1:107:A:LEU:HA	1:108:A:GLU:HG3	8	0.15
(3,2336)	1:100:A:ALA:HA	1:119:A:LEU:HD11	5	0.15
(3,2336)	1:100:A:ALA:HA	1:119:A:LEU:HD12	5	0.15
(3,2336)	1:100:A:ALA:HA	1:119:A:LEU:HD13	5	0.15
(3,2336)	1:100:A:ALA:HA	1:119:A:LEU:HD21	5	0.15
(3,2336)	1:100:A:ALA:HA	1:119:A:LEU:HD22	5	0.15
(3,2336)	1:100:A:ALA:HA	1:119:A:LEU:HD23	5	0.15
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	17	0.15
(3,2322)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	17	0.15
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	17	0.15
(3,2322)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	17	0.15
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	17	0.15
(3,2322)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	17	0.15
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	17	0.15
(3,2322)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	17	0.15
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	17	0.15
(3,2322)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	17	0.15
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	17	0.15
(3,2322)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	17	0.15
(3,2321)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	6	0.15
(3,2321)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	6	0.15
(3,2321)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	6	0.15
(3,2321)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	6	0.15
(3,2321)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	6	0.15
(3,2321)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	6	0.15
(3,2321)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	6	0.15
(3,2321)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	6	0.15
(3,2321)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	6	0.15
(3,2321)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	6	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2321)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	6	0.15
(3,2321)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	6	0.15
(3,2317)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	14	0.15
(3,2317)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	14	0.15
(3,2317)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	14	0.15
(3,2317)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	14	0.15
(3,2317)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	14	0.15
(3,2317)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	14	0.15
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD11	4	0.15
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD12	4	0.15
(3,2303)	1:76:A:ARG:HD2	1:114:A:ILE:HD13	4	0.15
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD11	4	0.15
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD12	4	0.15
(3,2303)	1:76:A:ARG:HD3	1:114:A:ILE:HD13	4	0.15
(3,2284)	1:72:A:PHE:HA	1:109:A:PRO:HG2	7	0.15
(3,2284)	1:72:A:PHE:HA	1:109:A:PRO:HG3	7	0.15
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD11	16	0.15
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD12	16	0.15
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD13	16	0.15
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD21	16	0.15
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD22	16	0.15
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD23	16	0.15
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG11	9	0.15
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG12	9	0.15
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG13	9	0.15
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG21	9	0.15
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG22	9	0.15
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG23	9	0.15
(3,1996)	1:12:A:VAL:HG11	1:31:A:PRO:HG2	9	0.15
(3,1996)	1:12:A:VAL:HG11	1:31:A:PRO:HG3	9	0.15
(3,1996)	1:12:A:VAL:HG12	1:31:A:PRO:HG2	9	0.15
(3,1996)	1:12:A:VAL:HG12	1:31:A:PRO:HG3	9	0.15
(3,1996)	1:12:A:VAL:HG13	1:31:A:PRO:HG2	9	0.15
(3,1996)	1:12:A:VAL:HG13	1:31:A:PRO:HG3	9	0.15
(3,1996)	1:12:A:VAL:HG21	1:31:A:PRO:HG2	9	0.15
(3,1996)	1:12:A:VAL:HG21	1:31:A:PRO:HG3	9	0.15
(3,1996)	1:12:A:VAL:HG22	1:31:A:PRO:HG2	9	0.15
(3,1996)	1:12:A:VAL:HG22	1:31:A:PRO:HG3	9	0.15
(3,1996)	1:12:A:VAL:HG23	1:31:A:PRO:HG2	9	0.15
(3,1996)	1:12:A:VAL:HG23	1:31:A:PRO:HG3	9	0.15
(3,1949)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	5	0.15
(3,1949)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	5	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1920)	1:98:A:ILE:HG12	1:104:A:PHE:HZ	6	0.15
(3,1919)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	10	0.15
(3,1919)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	10	0.15
(3,1919)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	10	0.15
(3,1912)	1:104:A:PHE:HE1	1:115:A:ALA:H	13	0.15
(3,1912)	1:104:A:PHE:HE2	1:115:A:ALA:H	13	0.15
(3,1872)	1:79:A:THR:HB	1:80:A:TYR:HE1	4	0.15
(3,1872)	1:79:A:THR:HB	1:80:A:TYR:HE2	4	0.15
(3,1849)	1:9:A:PHE:HZ	1:11:A:ILE:HB	16	0.15
(3,1833)	1:104:A:PHE:HE1	1:105:A:LYS:HA	9	0.15
(3,1833)	1:104:A:PHE:HE2	1:105:A:LYS:HA	9	0.15
(3,1814)	1:80:A:TYR:HD1	1:81:A:GLU:HG2	16	0.15
(3,1814)	1:80:A:TYR:HD1	1:81:A:GLU:HG3	16	0.15
(3,1814)	1:80:A:TYR:HD2	1:81:A:GLU:HG2	16	0.15
(3,1814)	1:80:A:TYR:HD2	1:81:A:GLU:HG3	16	0.15
(3,1735)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	17	0.15
(3,1735)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	17	0.15
(3,1715)	1:72:A:PHE:HB2	1:109:A:PRO:HA	6	0.15
(3,1715)	1:72:A:PHE:HB2	1:109:A:PRO:HA	13	0.15
(3,1679)	1:134:A:VAL:HG11	1:137:A:SER:H	19	0.15
(3,1679)	1:134:A:VAL:HG12	1:137:A:SER:H	19	0.15
(3,1679)	1:134:A:VAL:HG13	1:137:A:SER:H	19	0.15
(3,1649)	1:18:A:PHE:HB2	1:19:A:ALA:HB1	9	0.15
(3,1649)	1:18:A:PHE:HB2	1:19:A:ALA:HB2	9	0.15
(3,1649)	1:18:A:PHE:HB2	1:19:A:ALA:HB3	9	0.15
(3,1649)	1:18:A:PHE:HB3	1:19:A:ALA:HB1	9	0.15
(3,1649)	1:18:A:PHE:HB3	1:19:A:ALA:HB2	9	0.15
(3,1649)	1:18:A:PHE:HB3	1:19:A:ALA:HB3	9	0.15
(3,1603)	1:11:A:ILE:HG21	1:11:A:ILE:HD11	14	0.15
(3,1603)	1:11:A:ILE:HG21	1:11:A:ILE:HD12	14	0.15
(3,1603)	1:11:A:ILE:HG21	1:11:A:ILE:HD13	14	0.15
(3,1603)	1:11:A:ILE:HG22	1:11:A:ILE:HD11	14	0.15
(3,1603)	1:11:A:ILE:HG22	1:11:A:ILE:HD12	14	0.15
(3,1603)	1:11:A:ILE:HG22	1:11:A:ILE:HD13	14	0.15
(3,1603)	1:11:A:ILE:HG23	1:11:A:ILE:HD11	14	0.15
(3,1603)	1:11:A:ILE:HG23	1:11:A:ILE:HD12	14	0.15
(3,1603)	1:11:A:ILE:HG23	1:11:A:ILE:HD13	14	0.15
(3,1576)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	13	0.15
(3,1576)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	13	0.15
(3,1576)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	13	0.15
(3,1551)	1:110:A:MET:HE1	1:113:A:PHE:HA	10	0.15
(3,1551)	1:110:A:MET:HE2	1:113:A:PHE:HA	10	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1551)	1:110:A:MET:HE3	1:113:A:PHE:HA	10	0.15
(3,1545)	1:110:A:MET:HE1	1:113:A:PHE:HE1	13	0.15
(3,1545)	1:110:A:MET:HE1	1:113:A:PHE:HE2	13	0.15
(3,1545)	1:110:A:MET:HE2	1:113:A:PHE:HE1	13	0.15
(3,1545)	1:110:A:MET:HE2	1:113:A:PHE:HE2	13	0.15
(3,1545)	1:110:A:MET:HE3	1:113:A:PHE:HE1	13	0.15
(3,1545)	1:110:A:MET:HE3	1:113:A:PHE:HE2	13	0.15
(3,1476)	1:31:A:PRO:HD3	1:144:A:LEU:HD11	19	0.15
(3,1476)	1:31:A:PRO:HD3	1:144:A:LEU:HD12	19	0.15
(3,1476)	1:31:A:PRO:HD3	1:144:A:LEU:HD13	19	0.15
(3,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG21	15	0.15
(3,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG22	15	0.15
(3,1452)	1:119:A:LEU:HA	1:121:A:VAL:HG23	15	0.15
(3,1442)	1:73:A:ILE:HG21	1:110:A:MET:HG2	3	0.15
(3,1442)	1:73:A:ILE:HG21	1:110:A:MET:HG3	3	0.15
(3,1442)	1:73:A:ILE:HG22	1:110:A:MET:HG2	3	0.15
(3,1442)	1:73:A:ILE:HG22	1:110:A:MET:HG3	3	0.15
(3,1442)	1:73:A:ILE:HG23	1:110:A:MET:HG2	3	0.15
(3,1442)	1:73:A:ILE:HG23	1:110:A:MET:HG3	3	0.15
(3,1383)	1:121:A:VAL:H	1:121:A:VAL:HG11	17	0.15
(3,1383)	1:121:A:VAL:H	1:121:A:VAL:HG12	17	0.15
(3,1383)	1:121:A:VAL:H	1:121:A:VAL:HG13	17	0.15
(3,1376)	1:73:A:ILE:HB	1:76:A:ARG:HA	3	0.15
(3,1362)	1:131:A:LEU:H	1:131:A:LEU:HD21	15	0.15
(3,1362)	1:131:A:LEU:H	1:131:A:LEU:HD22	15	0.15
(3,1362)	1:131:A:LEU:H	1:131:A:LEU:HD23	15	0.15
(3,1315)	1:66:A:THR:HG21	1:96:A:VAL:H	3	0.15
(3,1315)	1:66:A:THR:HG22	1:96:A:VAL:H	3	0.15
(3,1315)	1:66:A:THR:HG23	1:96:A:VAL:H	3	0.15
(3,1215)	1:40:A:LEU:HB3	1:40:A:LEU:HD11	18	0.15
(3,1215)	1:40:A:LEU:HB3	1:40:A:LEU:HD12	18	0.15
(3,1215)	1:40:A:LEU:HB3	1:40:A:LEU:HD13	18	0.15
(3,1211)	1:34:A:LYS:HG2	1:81:A:GLU:HA	19	0.15
(3,1211)	1:34:A:LYS:HG3	1:81:A:GLU:HA	19	0.15
(3,1207)	1:23:A:LEU:H	1:23:A:LEU:HD21	5	0.15
(3,1207)	1:23:A:LEU:H	1:23:A:LEU:HD22	5	0.15
(3,1207)	1:23:A:LEU:H	1:23:A:LEU:HD23	5	0.15
(3,1196)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	17	0.15
(3,1196)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	17	0.15
(3,1196)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	17	0.15
(3,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE1	8	0.15
(3,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE2	8	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE1	9	0.15
(3,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE2	9	0.15
(3,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE1	13	0.15
(3,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE2	13	0.15
(3,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE1	17	0.15
(3,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE2	17	0.15
(3,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE1	19	0.15
(3,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE2	19	0.15
(3,1149)	1:40:A:LEU:HA	1:43:A:MET:HG3	9	0.15
(3,1056)	1:11:A:ILE:HA	1:11:A:ILE:HG12	15	0.15
(3,1047)	1:41:A:LYS:HA	1:44:A:GLU:HB2	18	0.15
(3,1047)	1:41:A:LYS:HA	1:44:A:GLU:HB3	18	0.15
(3,973)	1:96:A:VAL:HB	1:97:A:ASP:H	7	0.15
(3,912)	1:94:A:ALA:HA	1:95:A:ILE:HB	19	0.15
(3,889)	1:11:A:ILE:HG21	1:40:A:LEU:HB2	6	0.15
(3,889)	1:11:A:ILE:HG22	1:40:A:LEU:HB2	6	0.15
(3,889)	1:11:A:ILE:HG23	1:40:A:LEU:HB2	6	0.15
(3,865)	1:49:A:LYS:HA	1:49:A:LYS:HE2	8	0.15
(3,865)	1:49:A:LYS:HA	1:49:A:LYS:HE3	8	0.15
(3,841)	1:114:A:ILE:HD11	1:117:A:VAL:H	2	0.15
(3,841)	1:114:A:ILE:HD12	1:117:A:VAL:H	2	0.15
(3,841)	1:114:A:ILE:HD13	1:117:A:VAL:H	2	0.15
(3,821)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	15	0.15
(3,821)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	15	0.15
(3,821)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	15	0.15
(3,802)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	7	0.15
(3,802)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	7	0.15
(3,802)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	7	0.15
(3,802)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	7	0.15
(3,802)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	7	0.15
(3,802)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	7	0.15
(3,785)	1:101:A:ILE:HD11	1:119:A:LEU:HA	19	0.15
(3,785)	1:101:A:ILE:HD12	1:119:A:LEU:HA	19	0.15
(3,785)	1:101:A:ILE:HD13	1:119:A:LEU:HA	19	0.15
(3,746)	1:45:A:ALA:H	1:46:A:ASN:HD22	5	0.15
(3,724)	1:45:A:ALA:H	1:48:A:ARG:HE	9	0.15
(3,715)	1:23:A:LEU:HD21	1:27:A:ARG:HE	4	0.15
(3,715)	1:23:A:LEU:HD22	1:27:A:ARG:HE	4	0.15
(3,715)	1:23:A:LEU:HD23	1:27:A:ARG:HE	4	0.15
(3,703)	1:98:A:ILE:H	1:100:A:ALA:H	13	0.15
(3,692)	1:145:A:PRO:HB3	1:148:A:CYS:H	7	0.15
(3,678)	1:116:A:GLN:HG3	1:117:A:VAL:H	4	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,506)	1:68:A:LYS:H	1:71:A:LYS:H	19	0.15
(3,478)	1:103:A:ARG:H	1:103:A:ARG:HG2	2	0.15
(3,478)	1:103:A:ARG:H	1:103:A:ARG:HG3	2	0.15
(3,462)	1:18:A:PHE:H	1:113:A:PHE:HE1	14	0.15
(3,462)	1:18:A:PHE:H	1:113:A:PHE:HE2	14	0.15
(3,326)	1:46:A:ASN:H	1:49:A:LYS:HB2	13	0.15
(3,326)	1:46:A:ASN:H	1:49:A:LYS:HB3	13	0.15
(3,293)	1:120:A:CYS:H	1:121:A:VAL:H	6	0.15
(3,293)	1:120:A:CYS:H	1:121:A:VAL:H	18	0.15
(3,204)	1:101:A:ILE:H	1:101:A:ILE:HB	5	0.15
(3,181)	1:93:A:GLU:H	1:93:A:GLU:HB2	5	0.15
(3,181)	1:93:A:GLU:H	1:93:A:GLU:HB3	5	0.15
(3,180)	1:93:A:GLU:H	1:93:A:GLU:HG2	18	0.15
(3,180)	1:93:A:GLU:H	1:93:A:GLU:HG3	18	0.15
(3,175)	1:8:A:ASP:H	1:58:A:ILE:HG13	17	0.15
(3,173)	1:8:A:ASP:H	1:8:A:ASP:HB2	4	0.15
(3,111)	1:21:A:THR:HB	1:22:A:ASP:H	9	0.15
(3,111)	1:21:A:THR:HB	1:22:A:ASP:H	11	0.15
(3,10)	1:63:A:ILE:HG13	1:64:A:LYS:H	19	0.15
(2,2449)	1:139:A:LEU:HD11	1:142:A:LYS:HA	13	0.15
(2,2449)	1:139:A:LEU:HD12	1:142:A:LYS:HA	13	0.15
(2,2449)	1:139:A:LEU:HD13	1:142:A:LYS:HA	13	0.15
(2,2449)	1:139:A:LEU:HD21	1:142:A:LYS:HA	13	0.15
(2,2449)	1:139:A:LEU:HD22	1:142:A:LYS:HA	13	0.15
(2,2449)	1:139:A:LEU:HD23	1:142:A:LYS:HA	13	0.15
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG11	19	0.15
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG12	19	0.15
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG13	19	0.15
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG21	19	0.15
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG22	19	0.15
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG23	19	0.15
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG11	19	0.15
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG12	19	0.15
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG13	19	0.15
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG21	19	0.15
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG22	19	0.15
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG23	19	0.15
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG11	19	0.15
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG12	19	0.15
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG13	19	0.15
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG21	19	0.15
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG22	19	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG23	19	0.15
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG11	19	0.15
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG12	19	0.15
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG13	19	0.15
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG21	19	0.15
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG22	19	0.15
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG23	19	0.15
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG11	19	0.15
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG12	19	0.15
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG13	19	0.15
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG21	19	0.15
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG22	19	0.15
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG23	19	0.15
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG11	19	0.15
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG12	19	0.15
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG13	19	0.15
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG21	19	0.15
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG22	19	0.15
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG23	19	0.15
(2,2365)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	16	0.15
(2,2365)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	16	0.15
(2,2365)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	16	0.15
(2,2365)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	16	0.15
(2,2347)	1:107:A:LEU:HA	1:108:A:GLU:HG2	17	0.15
(2,2347)	1:107:A:LEU:HA	1:108:A:GLU:HG3	17	0.15
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD11	2	0.15
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD12	2	0.15
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD13	2	0.15
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD21	2	0.15
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD22	2	0.15
(2,2333)	1:104:A:PHE:HD1	1:107:A:LEU:HD23	2	0.15
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD11	2	0.15
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD12	2	0.15
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD13	2	0.15
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD21	2	0.15
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD22	2	0.15
(2,2333)	1:104:A:PHE:HD2	1:107:A:LEU:HD23	2	0.15
(2,2311)	1:96:A:VAL:HG11	1:105:A:LYS:HB2	6	0.15
(2,2311)	1:96:A:VAL:HG11	1:105:A:LYS:HB3	6	0.15
(2,2311)	1:96:A:VAL:HG12	1:105:A:LYS:HB2	6	0.15
(2,2311)	1:96:A:VAL:HG12	1:105:A:LYS:HB3	6	0.15
(2,2311)	1:96:A:VAL:HG13	1:105:A:LYS:HB2	6	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2311)	1:96:A:VAL:HG13	1:105:A:LYS:HB3	6	0.15
(2,2311)	1:96:A:VAL:HG21	1:105:A:LYS:HB2	6	0.15
(2,2311)	1:96:A:VAL:HG21	1:105:A:LYS:HB3	6	0.15
(2,2311)	1:96:A:VAL:HG22	1:105:A:LYS:HB2	6	0.15
(2,2311)	1:96:A:VAL:HG22	1:105:A:LYS:HB3	6	0.15
(2,2311)	1:96:A:VAL:HG23	1:105:A:LYS:HB2	6	0.15
(2,2311)	1:96:A:VAL:HG23	1:105:A:LYS:HB3	6	0.15
(2,2267)	1:69:A:MET:H	1:70:A:LYS:HG2	15	0.15
(2,2267)	1:69:A:MET:H	1:70:A:LYS:HG3	15	0.15
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	14	0.15
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	14	0.15
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	14	0.15
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	14	0.15
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	14	0.15
(2,2188)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	14	0.15
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	14	0.15
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	14	0.15
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	14	0.15
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	14	0.15
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	14	0.15
(2,2188)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	14	0.15
(2,2140)	1:40:A:LEU:HD11	1:41:A:LYS:H	17	0.15
(2,2140)	1:40:A:LEU:HD12	1:41:A:LYS:H	17	0.15
(2,2140)	1:40:A:LEU:HD13	1:41:A:LYS:H	17	0.15
(2,2140)	1:40:A:LEU:HD21	1:41:A:LYS:H	17	0.15
(2,2140)	1:40:A:LEU:HD22	1:41:A:LYS:H	17	0.15
(2,2140)	1:40:A:LEU:HD23	1:41:A:LYS:H	17	0.15
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG11	9	0.15
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG12	9	0.15
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG13	9	0.15
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG21	9	0.15
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG22	9	0.15
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG23	9	0.15
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD11	17	0.15
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD12	17	0.15
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD13	17	0.15
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD21	17	0.15
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD22	17	0.15
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD23	17	0.15
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD11	17	0.15
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD12	17	0.15
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD13	17	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD21	17	0.15
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD22	17	0.15
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD23	17	0.15
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD11	2	0.15
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD12	2	0.15
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD13	2	0.15
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD21	2	0.15
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD22	2	0.15
(2,2052)	1:22:A:ASP:HA	1:23:A:LEU:HD23	2	0.15
(2,2012)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	4	0.15
(2,2012)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	4	0.15
(2,2012)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	4	0.15
(2,2012)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	4	0.15
(2,2012)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	4	0.15
(2,2012)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	4	0.15
(2,2012)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	4	0.15
(2,2012)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	4	0.15
(2,2012)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	4	0.15
(2,2012)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	4	0.15
(2,2012)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	4	0.15
(2,2012)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	4	0.15
(2,1948)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	15	0.15
(2,1948)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	15	0.15
(2,1918)	1:98:A:ILE:HG12	1:104:A:PHE:HZ	6	0.15
(2,1900)	1:18:A:PHE:HD1	1:131:A:LEU:HD11	13	0.15
(2,1900)	1:18:A:PHE:HD1	1:131:A:LEU:HD12	13	0.15
(2,1900)	1:18:A:PHE:HD1	1:131:A:LEU:HD13	13	0.15
(2,1900)	1:18:A:PHE:HD2	1:131:A:LEU:HD11	13	0.15
(2,1900)	1:18:A:PHE:HD2	1:131:A:LEU:HD12	13	0.15
(2,1900)	1:18:A:PHE:HD2	1:131:A:LEU:HD13	13	0.15
(2,1873)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	16	0.15
(2,1873)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	16	0.15
(2,1873)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	16	0.15
(2,1873)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	16	0.15
(2,1864)	1:61:A:SER:H	1:62:A:HIS:HD2	2	0.15
(2,1847)	1:9:A:PHE:HZ	1:11:A:ILE:HB	2	0.15
(2,1809)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	5	0.15
(2,1809)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	5	0.15
(2,1807)	1:80:A:TYR:HD1	1:81:A:GLU:HG2	16	0.15
(2,1807)	1:80:A:TYR:HD1	1:81:A:GLU:HG3	16	0.15
(2,1807)	1:80:A:TYR:HD2	1:81:A:GLU:HG2	16	0.15
(2,1807)	1:80:A:TYR:HD2	1:81:A:GLU:HG3	16	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1805)	1:13:A:ALA:H	1:80:A:TYR:HD1	6	0.15
(2,1805)	1:13:A:ALA:H	1:80:A:TYR:HD2	6	0.15
(2,1743)	1:21:A:THR:HG21	1:24:A:ASP:HB2	17	0.15
(2,1743)	1:21:A:THR:HG21	1:24:A:ASP:HB3	17	0.15
(2,1743)	1:21:A:THR:HG22	1:24:A:ASP:HB2	17	0.15
(2,1743)	1:21:A:THR:HG22	1:24:A:ASP:HB3	17	0.15
(2,1743)	1:21:A:THR:HG23	1:24:A:ASP:HB2	17	0.15
(2,1743)	1:21:A:THR:HG23	1:24:A:ASP:HB3	17	0.15
(2,1721)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	17	0.15
(2,1721)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	17	0.15
(2,1702)	1:69:A:MET:HG3	1:109:A:PRO:HA	10	0.15
(2,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	19	0.15
(2,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	19	0.15
(2,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	19	0.15
(2,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	19	0.15
(2,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	19	0.15
(2,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	19	0.15
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	4	0.15
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	4	0.15
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	4	0.15
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	4	0.15
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	4	0.15
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	4	0.15
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	11	0.15
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	11	0.15
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	11	0.15
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	11	0.15
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	11	0.15
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	11	0.15
(2,1584)	1:11:A:ILE:HG21	1:11:A:ILE:HD11	14	0.15
(2,1584)	1:11:A:ILE:HG21	1:11:A:ILE:HD12	14	0.15
(2,1584)	1:11:A:ILE:HG21	1:11:A:ILE:HD13	14	0.15
(2,1584)	1:11:A:ILE:HG22	1:11:A:ILE:HD11	14	0.15
(2,1584)	1:11:A:ILE:HG22	1:11:A:ILE:HD12	14	0.15
(2,1584)	1:11:A:ILE:HG22	1:11:A:ILE:HD13	14	0.15
(2,1584)	1:11:A:ILE:HG23	1:11:A:ILE:HD11	14	0.15
(2,1584)	1:11:A:ILE:HG23	1:11:A:ILE:HD12	14	0.15
(2,1584)	1:11:A:ILE:HG23	1:11:A:ILE:HD13	14	0.15
(2,1527)	1:110:A:MET:HE1	1:113:A:PHE:HA	10	0.15
(2,1527)	1:110:A:MET:HE2	1:113:A:PHE:HA	10	0.15
(2,1527)	1:110:A:MET:HE3	1:113:A:PHE:HA	10	0.15
(2,1475)	1:45:A:ALA:HB1	1:47:A:ALA:H	2	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1475)	1:45:A:ALA:HB2	1:47:A:ALA:H	2	0.15
(2,1475)	1:45:A:ALA:HB3	1:47:A:ALA:H	2	0.15
(2,1467)	1:13:A:ALA:HB1	1:79:A:THR:HB	8	0.15
(2,1467)	1:13:A:ALA:HB2	1:79:A:THR:HB	8	0.15
(2,1467)	1:13:A:ALA:HB3	1:79:A:THR:HB	8	0.15
(2,1449)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	12	0.15
(2,1449)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	12	0.15
(2,1438)	1:119:A:LEU:HA	1:121:A:VAL:HG21	15	0.15
(2,1438)	1:119:A:LEU:HA	1:121:A:VAL:HG22	15	0.15
(2,1438)	1:119:A:LEU:HA	1:121:A:VAL:HG23	15	0.15
(2,1404)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	3	0.15
(2,1404)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	3	0.15
(2,1404)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	3	0.15
(2,1404)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	3	0.15
(2,1404)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	3	0.15
(2,1404)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	3	0.15
(2,1404)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	3	0.15
(2,1404)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	3	0.15
(2,1404)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	3	0.15
(2,1388)	1:49:A:LYS:H	1:50:A:ALA:HA	10	0.15
(2,1361)	1:121:A:VAL:H	1:121:A:VAL:HG11	17	0.15
(2,1361)	1:121:A:VAL:H	1:121:A:VAL:HG12	17	0.15
(2,1361)	1:121:A:VAL:H	1:121:A:VAL:HG13	17	0.15
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD11	16	0.15
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD12	16	0.15
(2,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD13	16	0.15
(2,1172)	1:128:A:LEU:HD11	1:129:A:LYS:H	10	0.15
(2,1172)	1:128:A:LEU:HD12	1:129:A:LYS:H	10	0.15
(2,1172)	1:128:A:LEU:HD13	1:129:A:LYS:H	10	0.15
(2,1094)	1:42:A:GLU:HA	1:44:A:GLU:H	8	0.15
(2,1033)	1:11:A:ILE:HA	1:11:A:ILE:HG12	15	0.15
(2,915)	1:38:A:GLU:HG2	1:41:A:LYS:HG2	18	0.15
(2,915)	1:38:A:GLU:HG3	1:41:A:LYS:HG2	18	0.15
(2,871)	1:11:A:ILE:HG21	1:40:A:LEU:HB2	6	0.15
(2,871)	1:11:A:ILE:HG22	1:40:A:LEU:HB2	6	0.15
(2,871)	1:11:A:ILE:HG23	1:40:A:LEU:HB2	6	0.15
(2,843)	1:49:A:LYS:HA	1:49:A:LYS:HE2	8	0.15
(2,843)	1:49:A:LYS:HA	1:49:A:LYS:HE3	8	0.15
(2,838)	1:48:A:ARG:HA	1:48:A:ARG:HD2	1	0.15
(2,838)	1:48:A:ARG:HA	1:48:A:ARG:HD3	1	0.15
(2,821)	1:114:A:ILE:HD11	1:117:A:VAL:H	2	0.15
(2,821)	1:114:A:ILE:HD12	1:117:A:VAL:H	2	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,821)	1:114:A:ILE:HD13	1:117:A:VAL:H	2	0.15
(2,779)	1:11:A:ILE:HA	1:11:A:ILE:HD11	6	0.15
(2,779)	1:11:A:ILE:HA	1:11:A:ILE:HD12	6	0.15
(2,779)	1:11:A:ILE:HA	1:11:A:ILE:HD13	6	0.15
(2,737)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	18	0.15
(2,737)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	18	0.15
(2,728)	1:45:A:ALA:H	1:46:A:ASN:HD22	5	0.15
(2,694)	1:98:A:ILE:H	1:100:A:ALA:H	13	0.15
(2,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	2	0.15
(2,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	3	0.15
(2,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	4	0.15
(2,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	6	0.15
(2,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	7	0.15
(2,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	8	0.15
(2,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	10	0.15
(2,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	12	0.15
(2,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	13	0.15
(2,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	16	0.15
(2,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	19	0.15
(2,551)	1:73:A:ILE:HD11	1:110:A:MET:H	1	0.15
(2,551)	1:73:A:ILE:HD12	1:110:A:MET:H	1	0.15
(2,551)	1:73:A:ILE:HD13	1:110:A:MET:H	1	0.15
(2,538)	1:60:A:LEU:HD21	1:61:A:SER:H	18	0.15
(2,538)	1:60:A:LEU:HD22	1:61:A:SER:H	18	0.15
(2,538)	1:60:A:LEU:HD23	1:61:A:SER:H	18	0.15
(2,412)	1:125:A:THR:H	1:125:A:THR:HB	17	0.15
(2,368)	1:132:A:ALA:H	1:133:A:ASN:HD22	2	0.15
(2,290)	1:120:A:CYS:H	1:121:A:VAL:H	6	0.15
(2,290)	1:120:A:CYS:H	1:121:A:VAL:H	18	0.15
(2,287)	1:50:A:ALA:HB1	1:52:A:CYS:H	16	0.15
(2,287)	1:50:A:ALA:HB2	1:52:A:CYS:H	16	0.15
(2,287)	1:50:A:ALA:HB3	1:52:A:CYS:H	16	0.15
(2,236)	1:47:A:ALA:HB1	1:50:A:ALA:H	9	0.15
(2,236)	1:47:A:ALA:HB2	1:50:A:ALA:H	9	0.15
(2,236)	1:47:A:ALA:HB3	1:50:A:ALA:H	9	0.15
(2,236)	1:47:A:ALA:HB1	1:50:A:ALA:H	15	0.15
(2,236)	1:47:A:ALA:HB2	1:50:A:ALA:H	15	0.15
(2,236)	1:47:A:ALA:HB3	1:50:A:ALA:H	15	0.15
(2,226)	1:10:A:ASN:H	1:10:A:ASN:HB3	12	0.15
(2,203)	1:101:A:ILE:H	1:101:A:ILE:HB	5	0.15
(2,181)	1:93:A:GLU:H	1:93:A:GLU:HB2	5	0.15
(2,181)	1:93:A:GLU:H	1:93:A:GLU:HB3	5	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,174)	1:8:A:ASP:H	1:58:A:ILE:HG13	17	0.15
(2,125)	1:42:A:GLU:H	1:43:A:MET:HB2	10	0.15
(2,111)	1:80:A:TYR:H	1:81:A:GLU:HG2	19	0.15
(2,111)	1:80:A:TYR:H	1:81:A:GLU:HG3	19	0.15
(2,38)	1:43:A:MET:HA	1:47:A:ALA:H	14	0.15
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	3	0.15
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	3	0.15
(1,2323)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	3	0.15
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD11	3	0.15
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD12	3	0.15
(1,2323)	1:111:A:GLU:HG3	1:114:A:ILE:HD13	3	0.15
(1,2316)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	16	0.15
(1,2316)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	16	0.15
(1,2316)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	16	0.15
(1,2316)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	16	0.15
(1,2304)	1:107:A:LEU:HD11	1:108:A:GLU:H	18	0.15
(1,2304)	1:107:A:LEU:HD12	1:108:A:GLU:H	18	0.15
(1,2304)	1:107:A:LEU:HD13	1:108:A:GLU:H	18	0.15
(1,2304)	1:107:A:LEU:HD21	1:108:A:GLU:H	18	0.15
(1,2304)	1:107:A:LEU:HD22	1:108:A:GLU:H	18	0.15
(1,2304)	1:107:A:LEU:HD23	1:108:A:GLU:H	18	0.15
(1,2302)	1:107:A:LEU:HA	1:108:A:GLU:HG2	8	0.15
(1,2302)	1:107:A:LEU:HA	1:108:A:GLU:HG3	8	0.15
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	17	0.15
(1,2267)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	17	0.15
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	17	0.15
(1,2267)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	17	0.15
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	17	0.15
(1,2267)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	17	0.15
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	17	0.15
(1,2267)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	17	0.15
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	17	0.15
(1,2267)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	17	0.15
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	17	0.15
(1,2267)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	17	0.15
(1,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	17	0.15
(1,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	17	0.15
(1,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	17	0.15
(1,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	17	0.15
(1,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	17	0.15
(1,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	17	0.15
(1,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	17	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	17	0.15
(1,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	17	0.15
(1,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	17	0.15
(1,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	17	0.15
(1,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	17	0.15
(1,2255)	1:81:A:GLU:H	1:81:A:GLU:HB2	11	0.15
(1,2255)	1:81:A:GLU:H	1:81:A:GLU:HB3	11	0.15
(1,2236)	1:72:A:PHE:HA	1:109:A:PRO:HG2	7	0.15
(1,2236)	1:72:A:PHE:HA	1:109:A:PRO:HG3	7	0.15
(1,2210)	1:65:A:CYS:HB2	1:70:A:LYS:HA	4	0.15
(1,2210)	1:65:A:CYS:HB3	1:70:A:LYS:HA	4	0.15
(1,2122)	1:40:A:LEU:HD11	1:43:A:MET:H	4	0.15
(1,2122)	1:40:A:LEU:HD12	1:43:A:MET:H	4	0.15
(1,2122)	1:40:A:LEU:HD13	1:43:A:MET:H	4	0.15
(1,2122)	1:40:A:LEU:HD21	1:43:A:MET:H	4	0.15
(1,2122)	1:40:A:LEU:HD22	1:43:A:MET:H	4	0.15
(1,2122)	1:40:A:LEU:HD23	1:43:A:MET:H	4	0.15
(1,1993)	1:16:A:SER:HB2	1:43:A:MET:HE1	12	0.15
(1,1993)	1:16:A:SER:HB2	1:43:A:MET:HE2	12	0.15
(1,1993)	1:16:A:SER:HB2	1:43:A:MET:HE3	12	0.15
(1,1993)	1:16:A:SER:HB3	1:43:A:MET:HE1	12	0.15
(1,1993)	1:16:A:SER:HB3	1:43:A:MET:HE2	12	0.15
(1,1993)	1:16:A:SER:HB3	1:43:A:MET:HE3	12	0.15
(1,1977)	1:14:A:VAL:HG11	1:61:A:SER:H	12	0.15
(1,1977)	1:14:A:VAL:HG12	1:61:A:SER:H	12	0.15
(1,1977)	1:14:A:VAL:HG13	1:61:A:SER:H	12	0.15
(1,1977)	1:14:A:VAL:HG21	1:61:A:SER:H	12	0.15
(1,1977)	1:14:A:VAL:HG22	1:61:A:SER:H	12	0.15
(1,1977)	1:14:A:VAL:HG23	1:61:A:SER:H	12	0.15
(1,1934)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	5	0.15
(1,1934)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	5	0.15
(1,1917)	1:63:A:ILE:HB	1:113:A:PHE:HD1	13	0.15
(1,1917)	1:63:A:ILE:HB	1:113:A:PHE:HD2	13	0.15
(1,1899)	1:104:A:PHE:HE1	1:115:A:ALA:H	13	0.15
(1,1899)	1:104:A:PHE:HE2	1:115:A:ALA:H	13	0.15
(1,1898)	1:104:A:PHE:HE1	1:105:A:LYS:H	19	0.15
(1,1898)	1:104:A:PHE:HE2	1:105:A:LYS:H	19	0.15
(1,1879)	1:113:A:PHE:HE1	1:114:A:ILE:HA	19	0.15
(1,1879)	1:113:A:PHE:HE2	1:114:A:ILE:HA	19	0.15
(1,1872)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	1	0.15
(1,1864)	1:80:A:TYR:HE1	1:81:A:GLU:HB2	5	0.15
(1,1864)	1:80:A:TYR:HE2	1:81:A:GLU:HB2	5	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1858)	1:79:A:THR:HB	1:80:A:TYR:HE1	10	0.15
(1,1858)	1:79:A:THR:HB	1:80:A:TYR:HE2	10	0.15
(1,1856)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	4	0.15
(1,1856)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	4	0.15
(1,1856)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	4	0.15
(1,1852)	1:61:A:SER:H	1:62:A:HIS:HD2	2	0.15
(1,1850)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	6	0.15
(1,1850)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	6	0.15
(1,1850)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	6	0.15
(1,1833)	1:9:A:PHE:HZ	1:11:A:ILE:HB	16	0.15
(1,1828)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	3	0.15
(1,1828)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	3	0.15
(1,1828)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	3	0.15
(1,1828)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	3	0.15
(1,1828)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	3	0.15
(1,1828)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	3	0.15
(1,1816)	1:104:A:PHE:HE1	1:105:A:LYS:HA	9	0.15
(1,1816)	1:104:A:PHE:HE2	1:105:A:LYS:HA	9	0.15
(1,1797)	1:80:A:TYR:HD1	1:81:A:GLU:HG2	16	0.15
(1,1797)	1:80:A:TYR:HD1	1:81:A:GLU:HG3	16	0.15
(1,1797)	1:80:A:TYR:HD2	1:81:A:GLU:HG2	16	0.15
(1,1797)	1:80:A:TYR:HD2	1:81:A:GLU:HG3	16	0.15
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG21	13	0.15
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG22	13	0.15
(1,1734)	1:12:A:VAL:HG11	1:79:A:THR:HG23	13	0.15
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG21	13	0.15
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG22	13	0.15
(1,1734)	1:12:A:VAL:HG12	1:79:A:THR:HG23	13	0.15
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG21	13	0.15
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG22	13	0.15
(1,1734)	1:12:A:VAL:HG13	1:79:A:THR:HG23	13	0.15
(1,1716)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	17	0.15
(1,1716)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	17	0.15
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE1	13	0.15
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE2	13	0.15
(1,1708)	1:14:A:VAL:H	1:43:A:MET:HE3	13	0.15
(1,1681)	1:107:A:LEU:H	1:111:A:GLU:HB2	13	0.15
(1,1681)	1:107:A:LEU:H	1:111:A:GLU:HB3	13	0.15
(1,1669)	1:69:A:MET:HE1	1:116:A:GLN:HG3	12	0.15
(1,1669)	1:69:A:MET:HE2	1:116:A:GLN:HG3	12	0.15
(1,1669)	1:69:A:MET:HE3	1:116:A:GLN:HG3	12	0.15
(1,1640)	1:79:A:THR:H	1:80:A:TYR:HA	4	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1603)	1:98:A:ILE:HG21	1:104:A:PHE:HE1	15	0.15
(1,1603)	1:98:A:ILE:HG21	1:104:A:PHE:HE2	15	0.15
(1,1603)	1:98:A:ILE:HG22	1:104:A:PHE:HE1	15	0.15
(1,1603)	1:98:A:ILE:HG22	1:104:A:PHE:HE2	15	0.15
(1,1603)	1:98:A:ILE:HG23	1:104:A:PHE:HE1	15	0.15
(1,1603)	1:98:A:ILE:HG23	1:104:A:PHE:HE2	15	0.15
(1,1584)	1:11:A:ILE:HG21	1:11:A:ILE:HD11	14	0.15
(1,1584)	1:11:A:ILE:HG21	1:11:A:ILE:HD12	14	0.15
(1,1584)	1:11:A:ILE:HG21	1:11:A:ILE:HD13	14	0.15
(1,1584)	1:11:A:ILE:HG22	1:11:A:ILE:HD11	14	0.15
(1,1584)	1:11:A:ILE:HG22	1:11:A:ILE:HD12	14	0.15
(1,1584)	1:11:A:ILE:HG22	1:11:A:ILE:HD13	14	0.15
(1,1584)	1:11:A:ILE:HG23	1:11:A:ILE:HD11	14	0.15
(1,1584)	1:11:A:ILE:HG23	1:11:A:ILE:HD12	14	0.15
(1,1584)	1:11:A:ILE:HG23	1:11:A:ILE:HD13	14	0.15
(1,1575)	1:110:A:MET:HB2	1:114:A:ILE:HD11	8	0.15
(1,1575)	1:110:A:MET:HB2	1:114:A:ILE:HD12	8	0.15
(1,1575)	1:110:A:MET:HB2	1:114:A:ILE:HD13	8	0.15
(1,1556)	1:63:A:ILE:HG21	1:69:A:MET:HE1	7	0.15
(1,1556)	1:63:A:ILE:HG21	1:69:A:MET:HE2	7	0.15
(1,1556)	1:63:A:ILE:HG21	1:69:A:MET:HE3	7	0.15
(1,1556)	1:63:A:ILE:HG22	1:69:A:MET:HE1	7	0.15
(1,1556)	1:63:A:ILE:HG22	1:69:A:MET:HE2	7	0.15
(1,1556)	1:63:A:ILE:HG22	1:69:A:MET:HE3	7	0.15
(1,1556)	1:63:A:ILE:HG23	1:69:A:MET:HE1	7	0.15
(1,1556)	1:63:A:ILE:HG23	1:69:A:MET:HE2	7	0.15
(1,1556)	1:63:A:ILE:HG23	1:69:A:MET:HE3	7	0.15
(1,1547)	1:69:A:MET:HE1	1:76:A:ARG:HG2	4	0.15
(1,1547)	1:69:A:MET:HE1	1:76:A:ARG:HG3	4	0.15
(1,1547)	1:69:A:MET:HE2	1:76:A:ARG:HG2	4	0.15
(1,1547)	1:69:A:MET:HE2	1:76:A:ARG:HG3	4	0.15
(1,1547)	1:69:A:MET:HE3	1:76:A:ARG:HG2	4	0.15
(1,1547)	1:69:A:MET:HE3	1:76:A:ARG:HG3	4	0.15
(1,1546)	1:66:A:THR:HG21	1:69:A:MET:HE1	6	0.15
(1,1546)	1:66:A:THR:HG21	1:69:A:MET:HE2	6	0.15
(1,1546)	1:66:A:THR:HG21	1:69:A:MET:HE3	6	0.15
(1,1546)	1:66:A:THR:HG22	1:69:A:MET:HE1	6	0.15
(1,1546)	1:66:A:THR:HG22	1:69:A:MET:HE2	6	0.15
(1,1546)	1:66:A:THR:HG22	1:69:A:MET:HE3	6	0.15
(1,1546)	1:66:A:THR:HG23	1:69:A:MET:HE1	6	0.15
(1,1546)	1:66:A:THR:HG23	1:69:A:MET:HE2	6	0.15
(1,1546)	1:66:A:THR:HG23	1:69:A:MET:HE3	6	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1524)	1:98:A:ILE:HG21	1:119:A:LEU:HG	10	0.15
(1,1524)	1:98:A:ILE:HG22	1:119:A:LEU:HG	10	0.15
(1,1524)	1:98:A:ILE:HG23	1:119:A:LEU:HG	10	0.15
(1,1522)	1:43:A:MET:HB2	1:43:A:MET:HE1	18	0.15
(1,1522)	1:43:A:MET:HB2	1:43:A:MET:HE2	18	0.15
(1,1522)	1:43:A:MET:HB2	1:43:A:MET:HE3	18	0.15
(1,1522)	1:43:A:MET:HB3	1:43:A:MET:HE1	18	0.15
(1,1522)	1:43:A:MET:HB3	1:43:A:MET:HE2	18	0.15
(1,1522)	1:43:A:MET:HB3	1:43:A:MET:HE3	18	0.15
(1,1489)	1:101:A:ILE:HG21	1:115:A:ALA:HA	2	0.15
(1,1489)	1:101:A:ILE:HG22	1:115:A:ALA:HA	2	0.15
(1,1489)	1:101:A:ILE:HG23	1:115:A:ALA:HA	2	0.15
(1,1489)	1:101:A:ILE:HG21	1:115:A:ALA:HA	14	0.15
(1,1489)	1:101:A:ILE:HG22	1:115:A:ALA:HA	14	0.15
(1,1489)	1:101:A:ILE:HG23	1:115:A:ALA:HA	14	0.15
(1,1488)	1:101:A:ILE:HG21	1:102:A:PRO:HA	16	0.15
(1,1488)	1:101:A:ILE:HG22	1:102:A:PRO:HA	16	0.15
(1,1488)	1:101:A:ILE:HG23	1:102:A:PRO:HA	16	0.15
(1,1482)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	1	0.15
(1,1482)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	1	0.15
(1,1482)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	1	0.15
(1,1438)	1:50:A:ALA:HB1	1:127:A:CYS:HA	16	0.15
(1,1438)	1:50:A:ALA:HB2	1:127:A:CYS:HA	16	0.15
(1,1438)	1:50:A:ALA:HB3	1:127:A:CYS:HA	16	0.15
(1,1426)	1:73:A:ILE:HG21	1:110:A:MET:HG2	3	0.15
(1,1426)	1:73:A:ILE:HG21	1:110:A:MET:HG3	3	0.15
(1,1426)	1:73:A:ILE:HG22	1:110:A:MET:HG2	3	0.15
(1,1426)	1:73:A:ILE:HG22	1:110:A:MET:HG3	3	0.15
(1,1426)	1:73:A:ILE:HG23	1:110:A:MET:HG2	3	0.15
(1,1426)	1:73:A:ILE:HG23	1:110:A:MET:HG3	3	0.15
(1,1358)	1:121:A:VAL:H	1:121:A:VAL:HG11	17	0.15
(1,1358)	1:121:A:VAL:H	1:121:A:VAL:HG12	17	0.15
(1,1358)	1:121:A:VAL:H	1:121:A:VAL:HG13	17	0.15
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	10	0.15
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	10	0.15
(1,1311)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	10	0.15
(1,1295)	1:66:A:THR:HG21	1:96:A:VAL:H	3	0.15
(1,1295)	1:66:A:THR:HG22	1:96:A:VAL:H	3	0.15
(1,1295)	1:66:A:THR:HG23	1:96:A:VAL:H	3	0.15
(1,1113)	1:42:A:GLU:HA	1:44:A:GLU:H	8	0.15
(1,1050)	1:11:A:ILE:HA	1:11:A:ILE:HG12	15	0.15
(1,1028)	1:66:A:THR:HG21	1:96:A:VAL:HA	4	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1028)	1:66:A:THR:HG22	1:96:A:VAL:HA	4	0.15
(1,1028)	1:66:A:THR:HG23	1:96:A:VAL:HA	4	0.15
(1,946)	1:93:A:GLU:HG2	1:94:A:ALA:HB1	11	0.15
(1,946)	1:93:A:GLU:HG2	1:94:A:ALA:HB2	11	0.15
(1,946)	1:93:A:GLU:HG2	1:94:A:ALA:HB3	11	0.15
(1,946)	1:93:A:GLU:HG3	1:94:A:ALA:HB1	11	0.15
(1,946)	1:93:A:GLU:HG3	1:94:A:ALA:HB2	11	0.15
(1,946)	1:93:A:GLU:HG3	1:94:A:ALA:HB3	11	0.15
(1,935)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	3	0.15
(1,877)	1:8:A:ASP:HB3	1:9:A:PHE:HD1	2	0.15
(1,877)	1:8:A:ASP:HB3	1:9:A:PHE:HD2	2	0.15
(1,877)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	2	0.15
(1,877)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	2	0.15
(1,876)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	2	0.15
(1,863)	1:49:A:LYS:HA	1:49:A:LYS:HE2	8	0.15
(1,863)	1:49:A:LYS:HA	1:49:A:LYS:HE3	8	0.15
(1,858)	1:48:A:ARG:HA	1:48:A:ARG:HD2	1	0.15
(1,858)	1:48:A:ARG:HA	1:48:A:ARG:HD3	1	0.15
(1,827)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	14	0.15
(1,827)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	14	0.15
(1,827)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	14	0.15
(1,821)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	15	0.15
(1,821)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	15	0.15
(1,821)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	15	0.15
(1,803)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	3	0.15
(1,803)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	3	0.15
(1,803)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	3	0.15
(1,803)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	3	0.15
(1,803)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	3	0.15
(1,803)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	3	0.15
(1,750)	1:10:A:ASN:H	1:10:A:ASN:HD21	8	0.15
(1,748)	1:45:A:ALA:H	1:46:A:ASN:HD22	5	0.15
(1,722)	1:45:A:ALA:H	1:48:A:ARG:HE	9	0.15
(1,679)	1:116:A:GLN:HG3	1:117:A:VAL:H	4	0.15
(1,622)	1:29:A:LYS:H	1:30:A:LEU:H	18	0.15
(1,621)	1:23:A:LEU:HD21	1:25:A:ALA:H	2	0.15
(1,621)	1:23:A:LEU:HD22	1:25:A:ALA:H	2	0.15
(1,621)	1:23:A:LEU:HD23	1:25:A:ALA:H	2	0.15
(1,621)	1:23:A:LEU:HD21	1:25:A:ALA:H	5	0.15
(1,621)	1:23:A:LEU:HD22	1:25:A:ALA:H	5	0.15
(1,621)	1:23:A:LEU:HD23	1:25:A:ALA:H	5	0.15
(1,621)	1:23:A:LEU:HD21	1:25:A:ALA:H	13	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,621)	1:23:A:LEU:HD22	1:25:A:ALA:H	13	0.15
(1,621)	1:23:A:LEU:HD23	1:25:A:ALA:H	13	0.15
(1,621)	1:23:A:LEU:HD21	1:25:A:ALA:H	19	0.15
(1,621)	1:23:A:LEU:HD22	1:25:A:ALA:H	19	0.15
(1,621)	1:23:A:LEU:HD23	1:25:A:ALA:H	19	0.15
(1,597)	1:74:A:PRO:HD2	1:75:A:GLY:H	2	0.15
(1,597)	1:74:A:PRO:HD2	1:75:A:GLY:H	3	0.15
(1,597)	1:74:A:PRO:HD2	1:75:A:GLY:H	4	0.15
(1,597)	1:74:A:PRO:HD2	1:75:A:GLY:H	6	0.15
(1,597)	1:74:A:PRO:HD2	1:75:A:GLY:H	7	0.15
(1,597)	1:74:A:PRO:HD2	1:75:A:GLY:H	8	0.15
(1,597)	1:74:A:PRO:HD2	1:75:A:GLY:H	10	0.15
(1,597)	1:74:A:PRO:HD2	1:75:A:GLY:H	12	0.15
(1,597)	1:74:A:PRO:HD2	1:75:A:GLY:H	13	0.15
(1,597)	1:74:A:PRO:HD2	1:75:A:GLY:H	16	0.15
(1,597)	1:74:A:PRO:HD2	1:75:A:GLY:H	19	0.15
(1,472)	1:12:A:VAL:HG11	1:14:A:VAL:H	4	0.15
(1,472)	1:12:A:VAL:HG12	1:14:A:VAL:H	4	0.15
(1,472)	1:12:A:VAL:HG13	1:14:A:VAL:H	4	0.15
(1,472)	1:12:A:VAL:HG11	1:14:A:VAL:H	9	0.15
(1,472)	1:12:A:VAL:HG12	1:14:A:VAL:H	9	0.15
(1,472)	1:12:A:VAL:HG13	1:14:A:VAL:H	9	0.15
(1,461)	1:18:A:PHE:H	1:113:A:PHE:HE1	14	0.15
(1,461)	1:18:A:PHE:H	1:113:A:PHE:HE2	14	0.15
(1,415)	1:125:A:THR:H	1:125:A:THR:HB	17	0.15
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE1	1	0.15
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE2	1	0.15
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE3	1	0.15
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE1	14	0.15
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE2	14	0.15
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE3	14	0.15
(1,277)	1:112:A:GLN:H	1:112:A:GLN:HE21	18	0.15
(1,238)	1:10:A:ASN:H	1:10:A:ASN:HB3	12	0.15
(1,237)	1:45:A:ALA:HA	1:48:A:ARG:H	1	0.15
(1,187)	1:93:A:GLU:H	1:93:A:GLU:HB2	5	0.15
(1,187)	1:93:A:GLU:H	1:93:A:GLU:HB3	5	0.15
(1,182)	1:8:A:ASP:H	1:8:A:ASP:HB2	4	0.15
(1,176)	1:95:A:ILE:H	1:95:A:ILE:HB	5	0.15
(1,162)	1:67:A:PRO:HD3	1:95:A:ILE:H	4	0.15
(1,136)	1:42:A:GLU:H	1:43:A:MET:HB2	10	0.15
(1,113)	1:69:A:MET:H	1:69:A:MET:HE1	3	0.15
(1,113)	1:69:A:MET:H	1:69:A:MET:HE2	3	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,113)	1:69:A:MET:H	1:69:A:MET:HE3	3	0.15
(1,95)	1:151:A:PHE:H	1:151:A:PHE:HB3	5	0.15
(1,73)	1:63:A:ILE:HG21	1:117:A:VAL:H	12	0.15
(1,73)	1:63:A:ILE:HG22	1:117:A:VAL:H	12	0.15
(1,73)	1:63:A:ILE:HG23	1:117:A:VAL:H	12	0.15
(1,32)	1:35:A:LEU:H	1:35:A:LEU:HG	7	0.15
(34,2492)	1:150:A:THR:H	1:151:A:PHE:HB2	14	0.14
(34,2492)	1:150:A:THR:H	1:151:A:PHE:HB3	14	0.14
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD11	1	0.14
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD12	1	0.14
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD13	1	0.14
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD21	1	0.14
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD22	1	0.14
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD23	1	0.14
(34,2340)	1:107:A:LEU:HD11	1:115:A:ALA:H	3	0.14
(34,2340)	1:107:A:LEU:HD12	1:115:A:ALA:H	3	0.14
(34,2340)	1:107:A:LEU:HD13	1:115:A:ALA:H	3	0.14
(34,2340)	1:107:A:LEU:HD21	1:115:A:ALA:H	3	0.14
(34,2340)	1:107:A:LEU:HD22	1:115:A:ALA:H	3	0.14
(34,2340)	1:107:A:LEU:HD23	1:115:A:ALA:H	3	0.14
(34,2332)	1:107:A:LEU:HD11	1:108:A:GLU:H	15	0.14
(34,2332)	1:107:A:LEU:HD12	1:108:A:GLU:H	15	0.14
(34,2332)	1:107:A:LEU:HD13	1:108:A:GLU:H	15	0.14
(34,2332)	1:107:A:LEU:HD21	1:108:A:GLU:H	15	0.14
(34,2332)	1:107:A:LEU:HD22	1:108:A:GLU:H	15	0.14
(34,2332)	1:107:A:LEU:HD23	1:108:A:GLU:H	15	0.14
(34,2281)	1:81:A:GLU:H	1:81:A:GLU:HB2	12	0.14
(34,2281)	1:81:A:GLU:H	1:81:A:GLU:HB3	12	0.14
(34,2270)	1:76:A:ARG:H	1:77:A:CYS:HB2	17	0.14
(34,2270)	1:76:A:ARG:H	1:77:A:CYS:HB3	17	0.14
(34,2189)	1:54:A:ARG:HB2	1:58:A:ILE:HD11	17	0.14
(34,2189)	1:54:A:ARG:HB2	1:58:A:ILE:HD12	17	0.14
(34,2189)	1:54:A:ARG:HB2	1:58:A:ILE:HD13	17	0.14
(34,2189)	1:54:A:ARG:HB3	1:58:A:ILE:HD11	17	0.14
(34,2189)	1:54:A:ARG:HB3	1:58:A:ILE:HD12	17	0.14
(34,2189)	1:54:A:ARG:HB3	1:58:A:ILE:HD13	17	0.14
(34,2138)	1:40:A:LEU:HD11	1:43:A:MET:HB3	19	0.14
(34,2138)	1:40:A:LEU:HD12	1:43:A:MET:HB3	19	0.14
(34,2138)	1:40:A:LEU:HD13	1:43:A:MET:HB3	19	0.14
(34,2138)	1:40:A:LEU:HD21	1:43:A:MET:HB3	19	0.14
(34,2138)	1:40:A:LEU:HD22	1:43:A:MET:HB3	19	0.14
(34,2138)	1:40:A:LEU:HD23	1:43:A:MET:HB3	19	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2137)	1:40:A:LEU:HD11	1:43:A:MET:H	16	0.14
(34,2137)	1:40:A:LEU:HD12	1:43:A:MET:H	16	0.14
(34,2137)	1:40:A:LEU:HD13	1:43:A:MET:H	16	0.14
(34,2137)	1:40:A:LEU:HD21	1:43:A:MET:H	16	0.14
(34,2137)	1:40:A:LEU:HD22	1:43:A:MET:H	16	0.14
(34,2137)	1:40:A:LEU:HD23	1:43:A:MET:H	16	0.14
(34,2098)	1:37:A:LEU:HA	1:40:A:LEU:HD11	8	0.14
(34,2098)	1:37:A:LEU:HA	1:40:A:LEU:HD12	8	0.14
(34,2098)	1:37:A:LEU:HA	1:40:A:LEU:HD13	8	0.14
(34,2098)	1:37:A:LEU:HA	1:40:A:LEU:HD21	8	0.14
(34,2098)	1:37:A:LEU:HA	1:40:A:LEU:HD22	8	0.14
(34,2098)	1:37:A:LEU:HA	1:40:A:LEU:HD23	8	0.14
(34,2087)	1:35:A:LEU:HD11	1:143:A:TRP:HE1	18	0.14
(34,2087)	1:35:A:LEU:HD12	1:143:A:TRP:HE1	18	0.14
(34,2087)	1:35:A:LEU:HD13	1:143:A:TRP:HE1	18	0.14
(34,2087)	1:35:A:LEU:HD21	1:143:A:TRP:HE1	18	0.14
(34,2087)	1:35:A:LEU:HD22	1:143:A:TRP:HE1	18	0.14
(34,2087)	1:35:A:LEU:HD23	1:143:A:TRP:HE1	18	0.14
(34,2082)	1:35:A:LEU:HD11	1:39:A:VAL:HB	18	0.14
(34,2082)	1:35:A:LEU:HD12	1:39:A:VAL:HB	18	0.14
(34,2082)	1:35:A:LEU:HD13	1:39:A:VAL:HB	18	0.14
(34,2082)	1:35:A:LEU:HD21	1:39:A:VAL:HB	18	0.14
(34,2082)	1:35:A:LEU:HD22	1:39:A:VAL:HB	18	0.14
(34,2082)	1:35:A:LEU:HD23	1:39:A:VAL:HB	18	0.14
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD11	17	0.14
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD12	17	0.14
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD13	17	0.14
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD21	17	0.14
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD22	17	0.14
(34,2056)	1:27:A:ARG:HE	1:30:A:LEU:HD23	17	0.14
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	3	0.14
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	3	0.14
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	3	0.14
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	3	0.14
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	3	0.14
(34,2037)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	3	0.14
(34,1996)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	19	0.14
(34,1996)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	19	0.14
(34,1996)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	19	0.14
(34,1996)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	19	0.14
(34,1996)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	19	0.14
(34,1996)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	19	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1996)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	19	0.14
(34,1996)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	19	0.14
(34,1996)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	19	0.14
(34,1996)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	19	0.14
(34,1996)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	19	0.14
(34,1996)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	19	0.14
(34,1977)	1:12:A:VAL:HG11	1:79:A:THR:HA	14	0.14
(34,1977)	1:12:A:VAL:HG12	1:79:A:THR:HA	14	0.14
(34,1977)	1:12:A:VAL:HG13	1:79:A:THR:HA	14	0.14
(34,1977)	1:12:A:VAL:HG21	1:79:A:THR:HA	14	0.14
(34,1977)	1:12:A:VAL:HG22	1:79:A:THR:HA	14	0.14
(34,1977)	1:12:A:VAL:HG23	1:79:A:THR:HA	14	0.14
(34,1976)	1:12:A:VAL:HG11	1:43:A:MET:HE1	3	0.14
(34,1976)	1:12:A:VAL:HG11	1:43:A:MET:HE2	3	0.14
(34,1976)	1:12:A:VAL:HG11	1:43:A:MET:HE3	3	0.14
(34,1976)	1:12:A:VAL:HG12	1:43:A:MET:HE1	3	0.14
(34,1976)	1:12:A:VAL:HG12	1:43:A:MET:HE2	3	0.14
(34,1976)	1:12:A:VAL:HG12	1:43:A:MET:HE3	3	0.14
(34,1976)	1:12:A:VAL:HG13	1:43:A:MET:HE1	3	0.14
(34,1976)	1:12:A:VAL:HG13	1:43:A:MET:HE2	3	0.14
(34,1976)	1:12:A:VAL:HG13	1:43:A:MET:HE3	3	0.14
(34,1976)	1:12:A:VAL:HG21	1:43:A:MET:HE1	3	0.14
(34,1976)	1:12:A:VAL:HG21	1:43:A:MET:HE2	3	0.14
(34,1976)	1:12:A:VAL:HG21	1:43:A:MET:HE3	3	0.14
(34,1976)	1:12:A:VAL:HG22	1:43:A:MET:HE1	3	0.14
(34,1976)	1:12:A:VAL:HG22	1:43:A:MET:HE2	3	0.14
(34,1976)	1:12:A:VAL:HG22	1:43:A:MET:HE3	3	0.14
(34,1976)	1:12:A:VAL:HG23	1:43:A:MET:HE1	3	0.14
(34,1976)	1:12:A:VAL:HG23	1:43:A:MET:HE2	3	0.14
(34,1976)	1:12:A:VAL:HG23	1:43:A:MET:HE3	3	0.14
(34,1951)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	6	0.14
(34,1951)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	6	0.14
(34,1951)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	6	0.14
(34,1951)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	6	0.14
(34,1922)	1:58:A:ILE:HB	1:62:A:HIS:HE1	10	0.14
(34,1921)	1:58:A:ILE:HA	1:62:A:HIS:HE1	17	0.14
(34,1885)	1:71:A:LYS:HA	1:72:A:PHE:HD1	19	0.14
(34,1885)	1:71:A:LYS:HA	1:72:A:PHE:HD2	19	0.14
(34,1881)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	17	0.14
(34,1881)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	17	0.14
(34,1881)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	17	0.14
(34,1881)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	17	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1881)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	17	0.14
(34,1881)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	17	0.14
(34,1853)	1:61:A:SER:HA	1:62:A:HIS:HD2	19	0.14
(34,1846)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	7	0.14
(34,1846)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	7	0.14
(34,1841)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	13	0.14
(34,1837)	1:9:A:PHE:HZ	1:54:A:ARG:HA	15	0.14
(34,1808)	1:68:A:LYS:HG2	1:72:A:PHE:HD1	14	0.14
(34,1808)	1:68:A:LYS:HG2	1:72:A:PHE:HD2	14	0.14
(34,1808)	1:68:A:LYS:HG3	1:72:A:PHE:HD1	14	0.14
(34,1808)	1:68:A:LYS:HG3	1:72:A:PHE:HD2	14	0.14
(34,1780)	1:63:A:ILE:HG21	1:116:A:GLN:HG2	11	0.14
(34,1780)	1:63:A:ILE:HG22	1:116:A:GLN:HG2	11	0.14
(34,1780)	1:63:A:ILE:HG23	1:116:A:GLN:HG2	11	0.14
(34,1737)	1:68:A:LYS:HA	1:71:A:LYS:HB2	6	0.14
(34,1688)	1:125:A:THR:HA	1:128:A:LEU:HA	14	0.14
(34,1641)	1:79:A:THR:H	1:80:A:TYR:HA	1	0.14
(34,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	7	0.14
(34,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	7	0.14
(34,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	7	0.14
(34,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	2	0.14
(34,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	2	0.14
(34,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	2	0.14
(34,1618)	1:120:A:CYS:H	1:121:A:VAL:HG21	10	0.14
(34,1618)	1:120:A:CYS:H	1:121:A:VAL:HG22	10	0.14
(34,1618)	1:120:A:CYS:H	1:121:A:VAL:HG23	10	0.14
(34,1574)	1:123:A:CYS:H	1:128:A:LEU:HD11	12	0.14
(34,1574)	1:123:A:CYS:H	1:128:A:LEU:HD12	12	0.14
(34,1574)	1:123:A:CYS:H	1:128:A:LEU:HD13	12	0.14
(34,1574)	1:123:A:CYS:H	1:128:A:LEU:HD11	13	0.14
(34,1574)	1:123:A:CYS:H	1:128:A:LEU:HD12	13	0.14
(34,1574)	1:123:A:CYS:H	1:128:A:LEU:HD13	13	0.14
(34,1562)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	5	0.14
(34,1562)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	5	0.14
(34,1562)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	5	0.14
(34,1546)	1:66:A:THR:HG21	1:69:A:MET:HE1	9	0.14
(34,1546)	1:66:A:THR:HG21	1:69:A:MET:HE2	9	0.14
(34,1546)	1:66:A:THR:HG21	1:69:A:MET:HE3	9	0.14
(34,1546)	1:66:A:THR:HG22	1:69:A:MET:HE1	9	0.14
(34,1546)	1:66:A:THR:HG22	1:69:A:MET:HE2	9	0.14
(34,1546)	1:66:A:THR:HG22	1:69:A:MET:HE3	9	0.14
(34,1546)	1:66:A:THR:HG23	1:69:A:MET:HE1	9	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1546)	1:66:A:THR:HG23	1:69:A:MET:HE2	9	0.14
(34,1546)	1:66:A:THR:HG23	1:69:A:MET:HE3	9	0.14
(34,1516)	1:43:A:MET:H	1:43:A:MET:HE1	6	0.14
(34,1516)	1:43:A:MET:H	1:43:A:MET:HE2	6	0.14
(34,1516)	1:43:A:MET:H	1:43:A:MET:HE3	6	0.14
(34,1516)	1:43:A:MET:H	1:43:A:MET:HE1	12	0.14
(34,1516)	1:43:A:MET:H	1:43:A:MET:HE2	12	0.14
(34,1516)	1:43:A:MET:H	1:43:A:MET:HE3	12	0.14
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	14	0.14
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	14	0.14
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	14	0.14
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD21	10	0.14
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD22	10	0.14
(34,1469)	1:31:A:PRO:HD3	1:144:A:LEU:HD23	10	0.14
(34,1449)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	1	0.14
(34,1449)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	1	0.14
(34,1449)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	1	0.14
(34,1449)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	1	0.14
(34,1449)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	1	0.14
(34,1449)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	1	0.14
(34,1441)	1:69:A:MET:HE1	1:73:A:ILE:HG21	19	0.14
(34,1441)	1:69:A:MET:HE1	1:73:A:ILE:HG22	19	0.14
(34,1441)	1:69:A:MET:HE1	1:73:A:ILE:HG23	19	0.14
(34,1441)	1:69:A:MET:HE2	1:73:A:ILE:HG21	19	0.14
(34,1441)	1:69:A:MET:HE2	1:73:A:ILE:HG22	19	0.14
(34,1441)	1:69:A:MET:HE2	1:73:A:ILE:HG23	19	0.14
(34,1441)	1:69:A:MET:HE3	1:73:A:ILE:HG21	19	0.14
(34,1441)	1:69:A:MET:HE3	1:73:A:ILE:HG22	19	0.14
(34,1441)	1:69:A:MET:HE3	1:73:A:ILE:HG23	19	0.14
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	13	0.14
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	13	0.14
(34,1424)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	13	0.14
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	13	0.14
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	13	0.14
(34,1424)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	13	0.14
(34,1364)	1:125:A:THR:HG21	1:128:A:LEU:HB2	4	0.14
(34,1364)	1:125:A:THR:HG22	1:128:A:LEU:HB2	4	0.14
(34,1364)	1:125:A:THR:HG23	1:128:A:LEU:HB2	4	0.14
(34,1358)	1:105:A:LYS:HB2	1:106:A:ASP:HA	14	0.14
(34,1358)	1:105:A:LYS:HB3	1:106:A:ASP:HA	14	0.14
(34,1321)	1:66:A:THR:HG21	1:104:A:PHE:HE1	16	0.14
(34,1321)	1:66:A:THR:HG21	1:104:A:PHE:HE2	16	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1321)	1:66:A:THR:HG22	1:104:A:PHE:HE1	16	0.14
(34,1321)	1:66:A:THR:HG22	1:104:A:PHE:HE2	16	0.14
(34,1321)	1:66:A:THR:HG23	1:104:A:PHE:HE1	16	0.14
(34,1321)	1:66:A:THR:HG23	1:104:A:PHE:HE2	16	0.14
(34,1214)	1:23:A:LEU:HD21	1:24:A:ASP:H	1	0.14
(34,1214)	1:23:A:LEU:HD22	1:24:A:ASP:H	1	0.14
(34,1214)	1:23:A:LEU:HD23	1:24:A:ASP:H	1	0.14
(34,1186)	1:150:A:THR:HG21	1:151:A:PHE:HA	9	0.14
(34,1186)	1:150:A:THR:HG22	1:151:A:PHE:HA	9	0.14
(34,1186)	1:150:A:THR:HG23	1:151:A:PHE:HA	9	0.14
(34,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE1	14	0.14
(34,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE2	14	0.14
(34,1163)	1:144:A:LEU:HB2	1:144:A:LEU:HD21	5	0.14
(34,1163)	1:144:A:LEU:HB2	1:144:A:LEU:HD22	5	0.14
(34,1163)	1:144:A:LEU:HB2	1:144:A:LEU:HD23	5	0.14
(34,1114)	1:138:A:ASP:HA	1:141:A:LYS:HA	16	0.14
(34,1096)	1:140:A:LEU:H	1:140:A:LEU:HG	18	0.14
(34,1043)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	15	0.14
(34,1043)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	15	0.14
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD2	10	0.14
(34,1011)	1:104:A:PHE:H	1:105:A:LYS:HD3	10	0.14
(34,979)	1:96:A:VAL:HB	1:97:A:ASP:H	1	0.14
(34,953)	1:117:A:VAL:HA	1:119:A:LEU:H	9	0.14
(34,934)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	11	0.14
(34,934)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	11	0.14
(34,911)	1:94:A:ALA:HA	1:95:A:ILE:HB	11	0.14
(34,904)	1:10:A:ASN:HB3	1:13:A:ALA:HB1	17	0.14
(34,904)	1:10:A:ASN:HB3	1:13:A:ALA:HB2	17	0.14
(34,904)	1:10:A:ASN:HB3	1:13:A:ALA:HB3	17	0.14
(34,888)	1:138:A:ASP:HB2	1:141:A:LYS:HB2	18	0.14
(34,888)	1:138:A:ASP:HB2	1:141:A:LYS:HB3	18	0.14
(34,888)	1:138:A:ASP:HB3	1:141:A:LYS:HB2	18	0.14
(34,888)	1:138:A:ASP:HB3	1:141:A:LYS:HB3	18	0.14
(34,878)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	6	0.14
(34,878)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	6	0.14
(34,851)	1:68:A:LYS:HA	1:68:A:LYS:HE2	17	0.14
(34,851)	1:68:A:LYS:HA	1:68:A:LYS:HE3	17	0.14
(34,838)	1:110:A:MET:HG2	1:114:A:ILE:HD11	17	0.14
(34,838)	1:110:A:MET:HG2	1:114:A:ILE:HD12	17	0.14
(34,838)	1:110:A:MET:HG2	1:114:A:ILE:HD13	17	0.14
(34,838)	1:110:A:MET:HG3	1:114:A:ILE:HD11	17	0.14
(34,838)	1:110:A:MET:HG3	1:114:A:ILE:HD12	17	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,838)	1:110:A:MET:HG3	1:114:A:ILE:HD13	17	0.14
(34,799)	1:63:A:ILE:HD11	1:69:A:MET:HE1	7	0.14
(34,799)	1:63:A:ILE:HD11	1:69:A:MET:HE2	7	0.14
(34,799)	1:63:A:ILE:HD11	1:69:A:MET:HE3	7	0.14
(34,799)	1:63:A:ILE:HD12	1:69:A:MET:HE1	7	0.14
(34,799)	1:63:A:ILE:HD12	1:69:A:MET:HE2	7	0.14
(34,799)	1:63:A:ILE:HD12	1:69:A:MET:HE3	7	0.14
(34,799)	1:63:A:ILE:HD13	1:69:A:MET:HE1	7	0.14
(34,799)	1:63:A:ILE:HD13	1:69:A:MET:HE2	7	0.14
(34,799)	1:63:A:ILE:HD13	1:69:A:MET:HE3	7	0.14
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	5	0.14
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	5	0.14
(34,789)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	5	0.14
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	5	0.14
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	5	0.14
(34,789)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	5	0.14
(34,762)	1:141:A:LYS:H	1:143:A:TRP:HB2	17	0.14
(34,679)	1:101:A:ILE:HD11	1:116:A:GLN:H	19	0.14
(34,679)	1:101:A:ILE:HD12	1:116:A:GLN:H	19	0.14
(34,679)	1:101:A:ILE:HD13	1:116:A:GLN:H	19	0.14
(34,559)	1:59:A:CYS:HB3	1:61:A:SER:H	18	0.14
(34,554)	1:60:A:LEU:HD11	1:61:A:SER:H	10	0.14
(34,554)	1:60:A:LEU:HD12	1:61:A:SER:H	10	0.14
(34,554)	1:60:A:LEU:HD13	1:61:A:SER:H	10	0.14
(34,497)	1:98:A:ILE:H	1:105:A:LYS:H	17	0.14
(34,361)	1:104:A:PHE:H	1:106:A:ASP:H	8	0.14
(34,326)	1:56:A:CYS:HA	1:122:A:ASP:H	16	0.14
(34,242)	1:50:A:ALA:H	1:52:A:CYS:H	4	0.14
(34,238)	1:110:A:MET:HE1	1:114:A:ILE:H	6	0.14
(34,238)	1:110:A:MET:HE2	1:114:A:ILE:H	6	0.14
(34,238)	1:110:A:MET:HE3	1:114:A:ILE:H	6	0.14
(34,161)	1:127:A:CYS:H	1:128:A:LEU:HB2	17	0.14
(34,149)	1:59:A:CYS:H	1:60:A:LEU:HD21	6	0.14
(34,149)	1:59:A:CYS:H	1:60:A:LEU:HD22	6	0.14
(34,149)	1:59:A:CYS:H	1:60:A:LEU:HD23	6	0.14
(34,60)	1:34:A:LYS:H	1:81:A:GLU:H	7	0.14
(34,42)	1:43:A:MET:HA	1:47:A:ALA:H	19	0.14
(34,16)	1:64:A:LYS:H	1:64:A:LYS:HD2	12	0.14
(34,16)	1:64:A:LYS:H	1:64:A:LYS:HD3	12	0.14
(34,9)	1:64:A:LYS:H	1:116:A:GLN:HE22	13	0.14
(33,2507)	1:150:A:THR:H	1:151:A:PHE:HB2	14	0.14
(33,2507)	1:150:A:THR:H	1:151:A:PHE:HB3	14	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2414)	1:126:A:GLY:H	1:129:A:LYS:HG2	8	0.14
(33,2414)	1:126:A:GLY:H	1:129:A:LYS:HG3	8	0.14
(33,2288)	1:79:A:THR:HG21	1:81:A:GLU:HB2	5	0.14
(33,2288)	1:79:A:THR:HG21	1:81:A:GLU:HB3	5	0.14
(33,2288)	1:79:A:THR:HG22	1:81:A:GLU:HB2	5	0.14
(33,2288)	1:79:A:THR:HG22	1:81:A:GLU:HB3	5	0.14
(33,2288)	1:79:A:THR:HG23	1:81:A:GLU:HB2	5	0.14
(33,2288)	1:79:A:THR:HG23	1:81:A:GLU:HB3	5	0.14
(33,2281)	1:76:A:ARG:H	1:77:A:CYS:HB2	17	0.14
(33,2281)	1:76:A:ARG:H	1:77:A:CYS:HB3	17	0.14
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD11	16	0.14
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD12	16	0.14
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD13	16	0.14
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD21	16	0.14
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD22	16	0.14
(33,2129)	1:40:A:LEU:HA	1:40:A:LEU:HD23	16	0.14
(33,2088)	1:35:A:LEU:HD11	1:143:A:TRP:HE1	18	0.14
(33,2088)	1:35:A:LEU:HD12	1:143:A:TRP:HE1	18	0.14
(33,2088)	1:35:A:LEU:HD13	1:143:A:TRP:HE1	18	0.14
(33,2088)	1:35:A:LEU:HD21	1:143:A:TRP:HE1	18	0.14
(33,2088)	1:35:A:LEU:HD22	1:143:A:TRP:HE1	18	0.14
(33,2088)	1:35:A:LEU:HD23	1:143:A:TRP:HE1	18	0.14
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	12	0.14
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	12	0.14
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	12	0.14
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	12	0.14
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	12	0.14
(33,2064)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	12	0.14
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	12	0.14
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	12	0.14
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	12	0.14
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	12	0.14
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	12	0.14
(33,2064)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	12	0.14
(33,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB2	8	0.14
(33,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB2	8	0.14
(33,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB2	8	0.14
(33,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB2	8	0.14
(33,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB2	8	0.14
(33,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB2	8	0.14
(33,2061)	1:30:A:LEU:HD11	1:80:A:TYR:HB3	8	0.14
(33,2061)	1:30:A:LEU:HD12	1:80:A:TYR:HB3	8	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2061)	1:30:A:LEU:HD13	1:80:A:TYR:HB3	8	0.14
(33,2061)	1:30:A:LEU:HD21	1:80:A:TYR:HB3	8	0.14
(33,2061)	1:30:A:LEU:HD22	1:80:A:TYR:HB3	8	0.14
(33,2061)	1:30:A:LEU:HD23	1:80:A:TYR:HB3	8	0.14
(33,2059)	1:30:A:LEU:HD11	1:31:A:PRO:HG2	8	0.14
(33,2059)	1:30:A:LEU:HD11	1:31:A:PRO:HG3	8	0.14
(33,2059)	1:30:A:LEU:HD12	1:31:A:PRO:HG2	8	0.14
(33,2059)	1:30:A:LEU:HD12	1:31:A:PRO:HG3	8	0.14
(33,2059)	1:30:A:LEU:HD13	1:31:A:PRO:HG2	8	0.14
(33,2059)	1:30:A:LEU:HD13	1:31:A:PRO:HG3	8	0.14
(33,2059)	1:30:A:LEU:HD21	1:31:A:PRO:HG2	8	0.14
(33,2059)	1:30:A:LEU:HD21	1:31:A:PRO:HG3	8	0.14
(33,2059)	1:30:A:LEU:HD22	1:31:A:PRO:HG2	8	0.14
(33,2059)	1:30:A:LEU:HD22	1:31:A:PRO:HG3	8	0.14
(33,2059)	1:30:A:LEU:HD23	1:31:A:PRO:HG2	8	0.14
(33,2059)	1:30:A:LEU:HD23	1:31:A:PRO:HG3	8	0.14
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	16	0.14
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	16	0.14
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	16	0.14
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	16	0.14
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	16	0.14
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	16	0.14
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	7	0.14
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	7	0.14
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	7	0.14
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	7	0.14
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	7	0.14
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	7	0.14
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	7	0.14
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	7	0.14
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	7	0.14
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	7	0.14
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	7	0.14
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	7	0.14
(33,2019)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	10	0.14
(33,2019)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	10	0.14
(33,2019)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	10	0.14
(33,2019)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	10	0.14
(33,2019)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	10	0.14
(33,2019)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	10	0.14
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG11	17	0.14
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG12	17	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG13	17	0.14
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG21	17	0.14
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG22	17	0.14
(33,1999)	1:15:A:ALA:H	1:134:A:VAL:HG23	17	0.14
(33,1972)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	8	0.14
(33,1972)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	8	0.14
(33,1972)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	8	0.14
(33,1972)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	8	0.14
(33,1972)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	8	0.14
(33,1972)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	8	0.14
(33,1972)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	8	0.14
(33,1972)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	8	0.14
(33,1972)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	8	0.14
(33,1972)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	8	0.14
(33,1972)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	8	0.14
(33,1972)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	8	0.14
(33,1949)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	19	0.14
(33,1949)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	19	0.14
(33,1949)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	19	0.14
(33,1949)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	19	0.14
(33,1949)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	19	0.14
(33,1949)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	19	0.14
(33,1949)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	19	0.14
(33,1949)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	19	0.14
(33,1949)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	19	0.14
(33,1949)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	19	0.14
(33,1949)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	19	0.14
(33,1949)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	19	0.14
(33,1949)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	19	0.14
(33,1949)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	19	0.14
(33,1949)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	19	0.14
(33,1949)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	19	0.14
(33,1949)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	19	0.14
(33,1949)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	19	0.14
(33,1942)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	15	0.14
(33,1942)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	15	0.14
(33,1942)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	15	0.14
(33,1942)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	15	0.14
(33,1940)	1:10:A:ASN:HD21	1:13:A:ALA:HB1	15	0.14
(33,1940)	1:10:A:ASN:HD21	1:13:A:ALA:HB2	15	0.14
(33,1940)	1:10:A:ASN:HD21	1:13:A:ALA:HB3	15	0.14
(33,1940)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	15	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1940)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	15	0.14
(33,1940)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	15	0.14
(33,1938)	1:10:A:ASN:HB2	1:61:A:SER:HB2	10	0.14
(33,1938)	1:10:A:ASN:HB2	1:61:A:SER:HB3	10	0.14
(33,1938)	1:10:A:ASN:HB3	1:61:A:SER:HB2	10	0.14
(33,1938)	1:10:A:ASN:HB3	1:61:A:SER:HB3	10	0.14
(33,1915)	1:58:A:ILE:HB	1:62:A:HIS:HE1	10	0.14
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	8	0.14
(33,1904)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	8	0.14
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	8	0.14
(33,1904)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	8	0.14
(33,1875)	1:71:A:LYS:HA	1:72:A:PHE:HD1	19	0.14
(33,1875)	1:71:A:LYS:HA	1:72:A:PHE:HD2	19	0.14
(33,1850)	1:9:A:PHE:HD1	1:58:A:ILE:H	6	0.14
(33,1850)	1:9:A:PHE:HD2	1:58:A:ILE:H	6	0.14
(33,1850)	1:9:A:PHE:HD1	1:58:A:ILE:H	15	0.14
(33,1850)	1:9:A:PHE:HD2	1:58:A:ILE:H	15	0.14
(33,1844)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	19	0.14
(33,1844)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	19	0.14
(33,1803)	1:101:A:ILE:HB	1:104:A:PHE:HD1	2	0.14
(33,1803)	1:101:A:ILE:HB	1:104:A:PHE:HD2	2	0.14
(33,1718)	1:68:A:LYS:HA	1:71:A:LYS:HB2	6	0.14
(33,1699)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	12	0.14
(33,1697)	1:34:A:LYS:HA	1:35:A:LEU:HB3	7	0.14
(33,1676)	1:69:A:MET:HA	1:109:A:PRO:HA	4	0.14
(33,1623)	1:111:A:GLU:HA	1:114:A:ILE:HG21	4	0.14
(33,1623)	1:111:A:GLU:HA	1:114:A:ILE:HG22	4	0.14
(33,1623)	1:111:A:GLU:HA	1:114:A:ILE:HG23	4	0.14
(33,1611)	1:149:A:ALA:HB1	1:151:A:PHE:HA	12	0.14
(33,1611)	1:149:A:ALA:HB2	1:151:A:PHE:HA	12	0.14
(33,1611)	1:149:A:ALA:HB3	1:151:A:PHE:HA	12	0.14
(33,1598)	1:73:A:ILE:HG21	1:76:A:ARG:H	2	0.14
(33,1598)	1:73:A:ILE:HG22	1:76:A:ARG:H	2	0.14
(33,1598)	1:73:A:ILE:HG23	1:76:A:ARG:H	2	0.14
(33,1523)	1:66:A:THR:HG21	1:69:A:MET:HE1	9	0.14
(33,1523)	1:66:A:THR:HG21	1:69:A:MET:HE2	9	0.14
(33,1523)	1:66:A:THR:HG21	1:69:A:MET:HE3	9	0.14
(33,1523)	1:66:A:THR:HG22	1:69:A:MET:HE1	9	0.14
(33,1523)	1:66:A:THR:HG22	1:69:A:MET:HE2	9	0.14
(33,1523)	1:66:A:THR:HG22	1:69:A:MET:HE3	9	0.14
(33,1523)	1:66:A:THR:HG23	1:69:A:MET:HE1	9	0.14
(33,1523)	1:66:A:THR:HG23	1:69:A:MET:HE2	9	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1523)	1:66:A:THR:HG23	1:69:A:MET:HE3	9	0.14
(33,1513)	1:69:A:MET:HE1	1:113:A:PHE:HD1	8	0.14
(33,1513)	1:69:A:MET:HE1	1:113:A:PHE:HD2	8	0.14
(33,1513)	1:69:A:MET:HE2	1:113:A:PHE:HD1	8	0.14
(33,1513)	1:69:A:MET:HE2	1:113:A:PHE:HD2	8	0.14
(33,1513)	1:69:A:MET:HE3	1:113:A:PHE:HD1	8	0.14
(33,1513)	1:69:A:MET:HE3	1:113:A:PHE:HD2	8	0.14
(33,1502)	1:98:A:ILE:HG21	1:101:A:ILE:HB	5	0.14
(33,1502)	1:98:A:ILE:HG22	1:101:A:ILE:HB	5	0.14
(33,1502)	1:98:A:ILE:HG23	1:101:A:ILE:HB	5	0.14
(33,1490)	1:47:A:ALA:HB1	1:48:A:ARG:HB2	13	0.14
(33,1490)	1:47:A:ALA:HB1	1:48:A:ARG:HB3	13	0.14
(33,1490)	1:47:A:ALA:HB2	1:48:A:ARG:HB2	13	0.14
(33,1490)	1:47:A:ALA:HB2	1:48:A:ARG:HB3	13	0.14
(33,1490)	1:47:A:ALA:HB3	1:48:A:ARG:HB2	13	0.14
(33,1490)	1:47:A:ALA:HB3	1:48:A:ARG:HB3	13	0.14
(33,1443)	1:50:A:ALA:HB1	1:130:A:GLY:H	19	0.14
(33,1443)	1:50:A:ALA:HB2	1:130:A:GLY:H	19	0.14
(33,1443)	1:50:A:ALA:HB3	1:130:A:GLY:H	19	0.14
(33,1423)	1:69:A:MET:HE1	1:73:A:ILE:HG21	19	0.14
(33,1423)	1:69:A:MET:HE1	1:73:A:ILE:HG22	19	0.14
(33,1423)	1:69:A:MET:HE1	1:73:A:ILE:HG23	19	0.14
(33,1423)	1:69:A:MET:HE2	1:73:A:ILE:HG21	19	0.14
(33,1423)	1:69:A:MET:HE2	1:73:A:ILE:HG22	19	0.14
(33,1423)	1:69:A:MET:HE2	1:73:A:ILE:HG23	19	0.14
(33,1423)	1:69:A:MET:HE3	1:73:A:ILE:HG21	19	0.14
(33,1423)	1:69:A:MET:HE3	1:73:A:ILE:HG22	19	0.14
(33,1423)	1:69:A:MET:HE3	1:73:A:ILE:HG23	19	0.14
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG11	16	0.14
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG12	16	0.14
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG13	16	0.14
(33,1359)	1:120:A:CYS:HA	1:121:A:VAL:HG11	17	0.14
(33,1359)	1:120:A:CYS:HA	1:121:A:VAL:HG12	17	0.14
(33,1359)	1:120:A:CYS:HA	1:121:A:VAL:HG13	17	0.14
(33,1346)	1:125:A:THR:HG21	1:128:A:LEU:HB2	5	0.14
(33,1346)	1:125:A:THR:HG22	1:128:A:LEU:HB2	5	0.14
(33,1346)	1:125:A:THR:HG23	1:128:A:LEU:HB2	5	0.14
(33,1346)	1:125:A:THR:HG21	1:128:A:LEU:HB2	17	0.14
(33,1346)	1:125:A:THR:HG22	1:128:A:LEU:HB2	17	0.14
(33,1346)	1:125:A:THR:HG23	1:128:A:LEU:HB2	17	0.14
(33,1296)	1:66:A:THR:HG21	1:70:A:LYS:H	7	0.14
(33,1296)	1:66:A:THR:HG22	1:70:A:LYS:H	7	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1296)	1:66:A:THR:HG23	1:70:A:LYS:H	7	0.14
(33,1267)	1:23:A:LEU:HA	1:23:A:LEU:HD11	3	0.14
(33,1267)	1:23:A:LEU:HA	1:23:A:LEU:HD12	3	0.14
(33,1267)	1:23:A:LEU:HA	1:23:A:LEU:HD13	3	0.14
(33,1255)	1:37:A:LEU:H	1:37:A:LEU:HD11	4	0.14
(33,1255)	1:37:A:LEU:H	1:37:A:LEU:HD12	4	0.14
(33,1255)	1:37:A:LEU:H	1:37:A:LEU:HD13	4	0.14
(33,1228)	1:37:A:LEU:HA	1:37:A:LEU:HD21	17	0.14
(33,1228)	1:37:A:LEU:HA	1:37:A:LEU:HD22	17	0.14
(33,1228)	1:37:A:LEU:HA	1:37:A:LEU:HD23	17	0.14
(33,1174)	1:136:A:CYS:HA	1:140:A:LEU:HD11	6	0.14
(33,1174)	1:136:A:CYS:HA	1:140:A:LEU:HD12	6	0.14
(33,1174)	1:136:A:CYS:HA	1:140:A:LEU:HD13	6	0.14
(33,1147)	1:80:A:TYR:HA	1:80:A:TYR:HE1	14	0.14
(33,1147)	1:80:A:TYR:HA	1:80:A:TYR:HE2	14	0.14
(33,1127)	1:40:A:LEU:HA	1:40:A:LEU:HD21	19	0.14
(33,1127)	1:40:A:LEU:HA	1:40:A:LEU:HD22	19	0.14
(33,1127)	1:40:A:LEU:HA	1:40:A:LEU:HD23	19	0.14
(33,1116)	1:66:A:THR:HG21	1:105:A:LYS:HA	18	0.14
(33,1116)	1:66:A:THR:HG22	1:105:A:LYS:HA	18	0.14
(33,1116)	1:66:A:THR:HG23	1:105:A:LYS:HA	18	0.14
(33,1082)	1:45:A:ALA:HA	1:48:A:ARG:HG2	4	0.14
(33,1082)	1:45:A:ALA:HA	1:48:A:ARG:HG3	4	0.14
(33,1066)	1:140:A:LEU:H	1:140:A:LEU:HG	18	0.14
(33,1046)	1:111:A:GLU:HA	1:114:A:ILE:HG12	4	0.14
(33,975)	1:11:A:ILE:HG12	1:14:A:VAL:HB	18	0.14
(33,922)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	11	0.14
(33,922)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	11	0.14
(33,901)	1:73:A:ILE:HB	1:76:A:ARG:HA	16	0.14
(33,886)	1:138:A:ASP:HB2	1:141:A:LYS:HB2	18	0.14
(33,886)	1:138:A:ASP:HB2	1:141:A:LYS:HB3	18	0.14
(33,886)	1:138:A:ASP:HB3	1:141:A:LYS:HB2	18	0.14
(33,886)	1:138:A:ASP:HB3	1:141:A:LYS:HB3	18	0.14
(33,794)	1:63:A:ILE:HD11	1:69:A:MET:HE1	7	0.14
(33,794)	1:63:A:ILE:HD11	1:69:A:MET:HE2	7	0.14
(33,794)	1:63:A:ILE:HD11	1:69:A:MET:HE3	7	0.14
(33,794)	1:63:A:ILE:HD12	1:69:A:MET:HE1	7	0.14
(33,794)	1:63:A:ILE:HD12	1:69:A:MET:HE2	7	0.14
(33,794)	1:63:A:ILE:HD12	1:69:A:MET:HE3	7	0.14
(33,794)	1:63:A:ILE:HD13	1:69:A:MET:HE1	7	0.14
(33,794)	1:63:A:ILE:HD13	1:69:A:MET:HE2	7	0.14
(33,794)	1:63:A:ILE:HD13	1:69:A:MET:HE3	7	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,783)	1:11:A:ILE:HA	1:11:A:ILE:HD11	19	0.14
(33,783)	1:11:A:ILE:HA	1:11:A:ILE:HD12	19	0.14
(33,783)	1:11:A:ILE:HA	1:11:A:ILE:HD13	19	0.14
(33,718)	1:44:A:GLU:HB2	1:54:A:ARG:HE	3	0.14
(33,718)	1:44:A:GLU:HB3	1:54:A:ARG:HE	3	0.14
(33,702)	1:23:A:LEU:HA	1:25:A:ALA:H	6	0.14
(33,670)	1:120:A:CYS:H	1:121:A:VAL:HG11	3	0.14
(33,670)	1:120:A:CYS:H	1:121:A:VAL:HG12	3	0.14
(33,670)	1:120:A:CYS:H	1:121:A:VAL:HG13	3	0.14
(33,667)	1:101:A:ILE:HD11	1:116:A:GLN:H	19	0.14
(33,667)	1:101:A:ILE:HD12	1:116:A:GLN:H	19	0.14
(33,667)	1:101:A:ILE:HD13	1:116:A:GLN:H	19	0.14
(33,619)	1:118:A:ASP:H	1:120:A:CYS:H	4	0.14
(33,578)	1:127:A:CYS:HB2	1:130:A:GLY:H	9	0.14
(33,578)	1:127:A:CYS:HB2	1:130:A:GLY:H	19	0.14
(33,484)	1:105:A:LYS:H	1:107:A:LEU:H	7	0.14
(33,248)	1:58:A:ILE:H	1:58:A:ILE:HD11	14	0.14
(33,248)	1:58:A:ILE:H	1:58:A:ILE:HD12	14	0.14
(33,248)	1:58:A:ILE:H	1:58:A:ILE:HD13	14	0.14
(33,248)	1:58:A:ILE:H	1:58:A:ILE:HD11	15	0.14
(33,248)	1:58:A:ILE:H	1:58:A:ILE:HD12	15	0.14
(33,248)	1:58:A:ILE:H	1:58:A:ILE:HD13	15	0.14
(33,248)	1:58:A:ILE:H	1:58:A:ILE:HD11	19	0.14
(33,248)	1:58:A:ILE:H	1:58:A:ILE:HD12	19	0.14
(33,248)	1:58:A:ILE:H	1:58:A:ILE:HD13	19	0.14
(33,231)	1:110:A:MET:HE1	1:114:A:ILE:H	6	0.14
(33,231)	1:110:A:MET:HE2	1:114:A:ILE:H	6	0.14
(33,231)	1:110:A:MET:HE3	1:114:A:ILE:H	6	0.14
(33,155)	1:127:A:CYS:H	1:128:A:LEU:HB2	17	0.14
(33,148)	1:131:A:LEU:H	1:131:A:LEU:HG	15	0.14
(33,52)	1:44:A:GLU:HB2	1:47:A:ALA:H	4	0.14
(33,52)	1:44:A:GLU:HB3	1:47:A:ALA:H	4	0.14
(32,2495)	1:150:A:THR:H	1:151:A:PHE:HB2	14	0.14
(32,2495)	1:150:A:THR:H	1:151:A:PHE:HB3	14	0.14
(32,2468)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	1	0.14
(32,2468)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	1	0.14
(32,2468)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	1	0.14
(32,2468)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	1	0.14
(32,2468)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	1	0.14
(32,2468)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	1	0.14
(32,2415)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	1	0.14
(32,2415)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	1	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2398)	1:126:A:GLY:H	1:129:A:LYS:HG2	8	0.14
(32,2398)	1:126:A:GLY:H	1:129:A:LYS:HG3	8	0.14
(32,2394)	1:125:A:THR:HB	1:129:A:LYS:HG2	6	0.14
(32,2394)	1:125:A:THR:HB	1:129:A:LYS:HG3	6	0.14
(32,2356)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	16	0.14
(32,2356)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	16	0.14
(32,2356)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	16	0.14
(32,2356)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	16	0.14
(32,2356)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	16	0.14
(32,2356)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	16	0.14
(32,2356)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	16	0.14
(32,2356)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	16	0.14
(32,2356)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	16	0.14
(32,2356)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	16	0.14
(32,2356)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	16	0.14
(32,2356)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	16	0.14
(32,2356)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	16	0.14
(32,2356)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	16	0.14
(32,2356)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	16	0.14
(32,2356)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	16	0.14
(32,2356)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	16	0.14
(32,2356)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	16	0.14
(32,2298)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	5	0.14
(32,2298)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	5	0.14
(32,2298)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	5	0.14
(32,2298)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	5	0.14
(32,2298)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	5	0.14
(32,2298)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	5	0.14
(32,2298)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	5	0.14
(32,2298)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	5	0.14
(32,2298)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	5	0.14
(32,2298)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	5	0.14
(32,2298)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	5	0.14
(32,2298)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	5	0.14
(32,2298)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	5	0.14
(32,2298)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	5	0.14
(32,2298)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	5	0.14
(32,2298)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	5	0.14
(32,2298)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	5	0.14
(32,2298)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	5	0.14
(32,2295)	1:98:A:ILE:HB	1:119:A:LEU:HD11	8	0.14
(32,2295)	1:98:A:ILE:HB	1:119:A:LEU:HD12	8	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2295)	1:98:A:ILE:HB	1:119:A:LEU:HD13	8	0.14
(32,2295)	1:98:A:ILE:HB	1:119:A:LEU:HD21	8	0.14
(32,2295)	1:98:A:ILE:HB	1:119:A:LEU:HD22	8	0.14
(32,2295)	1:98:A:ILE:HB	1:119:A:LEU:HD23	8	0.14
(32,2290)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	10	0.14
(32,2290)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	10	0.14
(32,2290)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	10	0.14
(32,2290)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	10	0.14
(32,2290)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	10	0.14
(32,2290)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	10	0.14
(32,2290)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	10	0.14
(32,2290)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	10	0.14
(32,2290)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	10	0.14
(32,2290)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	10	0.14
(32,2290)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	10	0.14
(32,2290)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	10	0.14
(32,2285)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	18	0.14
(32,2285)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	18	0.14
(32,2285)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	18	0.14
(32,2285)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	18	0.14
(32,2285)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	18	0.14
(32,2285)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	18	0.14
(32,2285)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	18	0.14
(32,2285)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	18	0.14
(32,2285)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	18	0.14
(32,2285)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	18	0.14
(32,2285)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	18	0.14
(32,2285)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	18	0.14
(32,2267)	1:76:A:ARG:H	1:77:A:CYS:HB2	17	0.14
(32,2267)	1:76:A:ARG:H	1:77:A:CYS:HB3	17	0.14
(32,2250)	1:70:A:LYS:H	1:70:A:LYS:HD2	5	0.14
(32,2250)	1:70:A:LYS:H	1:70:A:LYS:HD3	5	0.14
(32,2234)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	12	0.14
(32,2234)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	12	0.14
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	11	0.14
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	11	0.14
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	11	0.14
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	11	0.14
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	11	0.14
(32,2160)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	11	0.14
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	11	0.14
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	11	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	11	0.14
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	11	0.14
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	11	0.14
(32,2160)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	11	0.14
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG11	5	0.14
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG12	5	0.14
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG13	5	0.14
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG21	5	0.14
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG22	5	0.14
(32,2137)	1:43:A:MET:HE1	1:134:A:VAL:HG23	5	0.14
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG11	5	0.14
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG12	5	0.14
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG13	5	0.14
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG21	5	0.14
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG22	5	0.14
(32,2137)	1:43:A:MET:HE2	1:134:A:VAL:HG23	5	0.14
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG11	5	0.14
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG12	5	0.14
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG13	5	0.14
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG21	5	0.14
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG22	5	0.14
(32,2137)	1:43:A:MET:HE3	1:134:A:VAL:HG23	5	0.14
(32,2132)	1:43:A:MET:HG2	1:140:A:LEU:HD11	9	0.14
(32,2132)	1:43:A:MET:HG2	1:140:A:LEU:HD12	9	0.14
(32,2132)	1:43:A:MET:HG2	1:140:A:LEU:HD13	9	0.14
(32,2132)	1:43:A:MET:HG2	1:140:A:LEU:HD21	9	0.14
(32,2132)	1:43:A:MET:HG2	1:140:A:LEU:HD22	9	0.14
(32,2132)	1:43:A:MET:HG2	1:140:A:LEU:HD23	9	0.14
(32,2091)	1:39:A:VAL:HG11	1:43:A:MET:HB2	12	0.14
(32,2091)	1:39:A:VAL:HG12	1:43:A:MET:HB2	12	0.14
(32,2091)	1:39:A:VAL:HG13	1:43:A:MET:HB2	12	0.14
(32,2091)	1:39:A:VAL:HG21	1:43:A:MET:HB2	12	0.14
(32,2091)	1:39:A:VAL:HG22	1:43:A:MET:HB2	12	0.14
(32,2091)	1:39:A:VAL:HG23	1:43:A:MET:HB2	12	0.14
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD11	14	0.14
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD12	14	0.14
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD13	14	0.14
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD21	14	0.14
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD22	14	0.14
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD23	14	0.14
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD11	2	0.14
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD12	2	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD13	2	0.14
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD21	2	0.14
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD22	2	0.14
(32,2039)	1:31:A:PRO:HD2	1:35:A:LEU:HD23	2	0.14
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD11	2	0.14
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD12	2	0.14
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD13	2	0.14
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD21	2	0.14
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD22	2	0.14
(32,2039)	1:31:A:PRO:HD3	1:35:A:LEU:HD23	2	0.14
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	12	0.14
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	12	0.14
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	12	0.14
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	12	0.14
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	12	0.14
(32,2037)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	12	0.14
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	12	0.14
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	12	0.14
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	12	0.14
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	12	0.14
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	12	0.14
(32,2037)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	12	0.14
(32,2010)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	7	0.14
(32,2010)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	7	0.14
(32,2010)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	7	0.14
(32,2010)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	7	0.14
(32,2004)	1:23:A:LEU:HD11	1:24:A:ASP:H	15	0.14
(32,2004)	1:23:A:LEU:HD12	1:24:A:ASP:H	15	0.14
(32,2004)	1:23:A:LEU:HD13	1:24:A:ASP:H	15	0.14
(32,2004)	1:23:A:LEU:HD21	1:24:A:ASP:H	15	0.14
(32,2004)	1:23:A:LEU:HD22	1:24:A:ASP:H	15	0.14
(32,2004)	1:23:A:LEU:HD23	1:24:A:ASP:H	15	0.14
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD11	15	0.14
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD12	15	0.14
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD13	15	0.14
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD21	15	0.14
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD22	15	0.14
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD23	15	0.14
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	4	0.14
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	4	0.14
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	4	0.14
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	4	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	4	0.14
(32,1989)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	4	0.14
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	4	0.14
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	4	0.14
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	4	0.14
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	4	0.14
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	4	0.14
(32,1989)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	4	0.14
(32,1959)	1:14:A:VAL:HG11	1:61:A:SER:H	12	0.14
(32,1959)	1:14:A:VAL:HG12	1:61:A:SER:H	12	0.14
(32,1959)	1:14:A:VAL:HG13	1:61:A:SER:H	12	0.14
(32,1959)	1:14:A:VAL:HG21	1:61:A:SER:H	12	0.14
(32,1959)	1:14:A:VAL:HG22	1:61:A:SER:H	12	0.14
(32,1959)	1:14:A:VAL:HG23	1:61:A:SER:H	12	0.14
(32,1954)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	19	0.14
(32,1954)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	19	0.14
(32,1954)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	19	0.14
(32,1954)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	19	0.14
(32,1954)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	19	0.14
(32,1954)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	19	0.14
(32,1954)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	19	0.14
(32,1954)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	19	0.14
(32,1954)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	19	0.14
(32,1954)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	19	0.14
(32,1954)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	19	0.14
(32,1954)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	19	0.14
(32,1939)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	8	0.14
(32,1939)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	8	0.14
(32,1939)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	8	0.14
(32,1939)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	8	0.14
(32,1939)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	8	0.14
(32,1939)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	8	0.14
(32,1939)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	8	0.14
(32,1939)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	8	0.14
(32,1939)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	8	0.14
(32,1939)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	8	0.14
(32,1939)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	8	0.14
(32,1939)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	8	0.14
(32,1909)	1:10:A:ASN:HB2	1:61:A:SER:HB2	10	0.14
(32,1909)	1:10:A:ASN:HB2	1:61:A:SER:HB3	10	0.14
(32,1909)	1:10:A:ASN:HB3	1:61:A:SER:HB2	10	0.14
(32,1909)	1:10:A:ASN:HB3	1:61:A:SER:HB3	10	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1897)	1:9:A:PHE:HZ	1:40:A:LEU:HD11	19	0.14
(32,1897)	1:9:A:PHE:HZ	1:40:A:LEU:HD12	19	0.14
(32,1897)	1:9:A:PHE:HZ	1:40:A:LEU:HD13	19	0.14
(32,1897)	1:9:A:PHE:HZ	1:40:A:LEU:HD21	19	0.14
(32,1897)	1:9:A:PHE:HZ	1:40:A:LEU:HD22	19	0.14
(32,1897)	1:9:A:PHE:HZ	1:40:A:LEU:HD23	19	0.14
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	17	0.14
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	17	0.14
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	17	0.14
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	17	0.14
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	17	0.14
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	17	0.14
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	17	0.14
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	17	0.14
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	17	0.14
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	17	0.14
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	17	0.14
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	17	0.14
(32,1883)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	2	0.14
(32,1883)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	2	0.14
(32,1876)	1:58:A:ILE:HB	1:62:A:HIS:HE1	10	0.14
(32,1874)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	1	0.14
(32,1844)	1:71:A:LYS:HG3	1:72:A:PHE:HD1	11	0.14
(32,1844)	1:71:A:LYS:HG3	1:72:A:PHE:HD2	11	0.14
(32,1841)	1:71:A:LYS:HA	1:72:A:PHE:HD1	19	0.14
(32,1841)	1:71:A:LYS:HA	1:72:A:PHE:HD2	19	0.14
(32,1806)	1:61:A:SER:HA	1:62:A:HIS:HD2	19	0.14
(32,1798)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	7	0.14
(32,1798)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	7	0.14
(32,1789)	1:9:A:PHE:HZ	1:54:A:ARG:HA	15	0.14
(32,1787)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	13	0.14
(32,1787)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	13	0.14
(32,1787)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	13	0.14
(32,1769)	1:101:A:ILE:HB	1:104:A:PHE:HD1	2	0.14
(32,1769)	1:101:A:ILE:HB	1:104:A:PHE:HD2	2	0.14
(32,1685)	1:68:A:LYS:HA	1:71:A:LYS:HB2	6	0.14
(32,1659)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	12	0.14
(32,1658)	1:34:A:LYS:HA	1:35:A:LEU:HB3	7	0.14
(32,1590)	1:79:A:THR:H	1:80:A:TYR:HA	1	0.14
(32,1571)	1:73:A:ILE:HG21	1:76:A:ARG:H	2	0.14
(32,1571)	1:73:A:ILE:HG22	1:76:A:ARG:H	2	0.14
(32,1571)	1:73:A:ILE:HG23	1:76:A:ARG:H	2	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1401)	1:115:A:ALA:HB1	1:116:A:GLN:HB2	8	0.14
(32,1401)	1:115:A:ALA:HB1	1:116:A:GLN:HB3	8	0.14
(32,1401)	1:115:A:ALA:HB2	1:116:A:GLN:HB2	8	0.14
(32,1401)	1:115:A:ALA:HB2	1:116:A:GLN:HB3	8	0.14
(32,1401)	1:115:A:ALA:HB3	1:116:A:GLN:HB2	8	0.14
(32,1401)	1:115:A:ALA:HB3	1:116:A:GLN:HB3	8	0.14
(32,1326)	1:120:A:CYS:HA	1:121:A:VAL:HG11	17	0.14
(32,1326)	1:120:A:CYS:HA	1:121:A:VAL:HG12	17	0.14
(32,1326)	1:120:A:CYS:HA	1:121:A:VAL:HG13	17	0.14
(32,1314)	1:125:A:THR:HG21	1:128:A:LEU:HB2	5	0.14
(32,1314)	1:125:A:THR:HG22	1:128:A:LEU:HB2	5	0.14
(32,1314)	1:125:A:THR:HG23	1:128:A:LEU:HB2	5	0.14
(32,1314)	1:125:A:THR:HG21	1:128:A:LEU:HB2	17	0.14
(32,1314)	1:125:A:THR:HG22	1:128:A:LEU:HB2	17	0.14
(32,1314)	1:125:A:THR:HG23	1:128:A:LEU:HB2	17	0.14
(32,1217)	1:37:A:LEU:H	1:37:A:LEU:HD11	4	0.14
(32,1217)	1:37:A:LEU:H	1:37:A:LEU:HD12	4	0.14
(32,1217)	1:37:A:LEU:H	1:37:A:LEU:HD13	4	0.14
(32,1151)	1:107:A:LEU:H	1:107:A:LEU:HD21	4	0.14
(32,1151)	1:107:A:LEU:H	1:107:A:LEU:HD22	4	0.14
(32,1151)	1:107:A:LEU:H	1:107:A:LEU:HD23	4	0.14
(32,1106)	1:80:A:TYR:HA	1:80:A:TYR:HE1	14	0.14
(32,1106)	1:80:A:TYR:HA	1:80:A:TYR:HE2	14	0.14
(32,1038)	1:140:A:LEU:H	1:140:A:LEU:HG	18	0.14
(32,972)	1:31:A:PRO:HA	1:32:A:GLY:H	11	0.14
(32,967)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	3	0.14
(32,967)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	14	0.14
(32,967)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	16	0.14
(32,901)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	6	0.14
(32,901)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	6	0.14
(32,901)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	6	0.14
(32,901)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	6	0.14
(32,878)	1:21:A:THR:HB	1:23:A:LEU:H	11	0.14
(32,847)	1:56:A:CYS:H	1:122:A:ASP:HB2	16	0.14
(32,825)	1:68:A:LYS:HA	1:68:A:LYS:HE2	17	0.14
(32,825)	1:68:A:LYS:HA	1:68:A:LYS:HE3	17	0.14
(32,791)	1:98:A:ILE:HD11	1:100:A:ALA:HB1	9	0.14
(32,791)	1:98:A:ILE:HD11	1:100:A:ALA:HB2	9	0.14
(32,791)	1:98:A:ILE:HD11	1:100:A:ALA:HB3	9	0.14
(32,791)	1:98:A:ILE:HD12	1:100:A:ALA:HB1	9	0.14
(32,791)	1:98:A:ILE:HD12	1:100:A:ALA:HB2	9	0.14
(32,791)	1:98:A:ILE:HD12	1:100:A:ALA:HB3	9	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,791)	1:98:A:ILE:HD13	1:100:A:ALA:HB1	9	0.14
(32,791)	1:98:A:ILE:HD13	1:100:A:ALA:HB2	9	0.14
(32,791)	1:98:A:ILE:HD13	1:100:A:ALA:HB3	9	0.14
(32,790)	1:98:A:ILE:HD11	1:99:A:PRO:HD3	6	0.14
(32,790)	1:98:A:ILE:HD12	1:99:A:PRO:HD3	6	0.14
(32,790)	1:98:A:ILE:HD13	1:99:A:PRO:HD3	6	0.14
(32,741)	1:141:A:LYS:H	1:143:A:TRP:HB2	17	0.14
(32,684)	1:23:A:LEU:HA	1:25:A:ALA:H	6	0.14
(32,656)	1:101:A:ILE:HD11	1:116:A:GLN:H	19	0.14
(32,656)	1:101:A:ILE:HD12	1:116:A:GLN:H	19	0.14
(32,656)	1:101:A:ILE:HD13	1:116:A:GLN:H	19	0.14
(32,640)	1:98:A:ILE:H	1:100:A:ALA:H	7	0.14
(32,640)	1:98:A:ILE:H	1:100:A:ALA:H	14	0.14
(32,640)	1:98:A:ILE:H	1:100:A:ALA:H	19	0.14
(32,605)	1:118:A:ASP:HB3	1:120:A:CYS:H	4	0.14
(32,549)	1:116:A:GLN:H	1:116:A:GLN:HE22	13	0.14
(32,243)	1:57:A:LEU:HD21	1:58:A:ILE:H	16	0.14
(32,243)	1:57:A:LEU:HD22	1:58:A:ILE:H	16	0.14
(32,243)	1:57:A:LEU:HD23	1:58:A:ILE:H	16	0.14
(32,223)	1:110:A:MET:HE1	1:114:A:ILE:H	6	0.14
(32,223)	1:110:A:MET:HE2	1:114:A:ILE:H	6	0.14
(32,223)	1:110:A:MET:HE3	1:114:A:ILE:H	6	0.14
(32,201)	1:98:A:ILE:HD11	1:101:A:ILE:H	4	0.14
(32,201)	1:98:A:ILE:HD12	1:101:A:ILE:H	4	0.14
(32,201)	1:98:A:ILE:HD13	1:101:A:ILE:H	4	0.14
(32,201)	1:98:A:ILE:HD11	1:101:A:ILE:H	7	0.14
(32,201)	1:98:A:ILE:HD12	1:101:A:ILE:H	7	0.14
(32,201)	1:98:A:ILE:HD13	1:101:A:ILE:H	7	0.14
(32,152)	1:127:A:CYS:H	1:128:A:LEU:HB2	17	0.14
(32,146)	1:131:A:LEU:H	1:131:A:LEU:HG	15	0.14
(32,57)	1:34:A:LYS:H	1:81:A:GLU:H	7	0.14
(32,12)	1:63:A:ILE:HB	1:64:A:LYS:H	19	0.14
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD11	6	0.14
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD12	6	0.14
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD13	6	0.14
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD21	6	0.14
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD22	6	0.14
(30,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD23	6	0.14
(30,2349)	1:107:A:LEU:HD11	1:115:A:ALA:H	3	0.14
(30,2349)	1:107:A:LEU:HD12	1:115:A:ALA:H	3	0.14
(30,2349)	1:107:A:LEU:HD13	1:115:A:ALA:H	3	0.14
(30,2349)	1:107:A:LEU:HD21	1:115:A:ALA:H	3	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2349)	1:107:A:LEU:HD22	1:115:A:ALA:H	3	0.14
(30,2349)	1:107:A:LEU:HD23	1:115:A:ALA:H	3	0.14
(30,2240)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	12	0.14
(30,2240)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	12	0.14
(30,2220)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	8	0.14
(30,2220)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	8	0.14
(30,2220)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	8	0.14
(30,2220)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	8	0.14
(30,2220)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	8	0.14
(30,2220)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	8	0.14
(30,2220)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	15	0.14
(30,2220)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	15	0.14
(30,2220)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	15	0.14
(30,2220)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	15	0.14
(30,2220)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	15	0.14
(30,2220)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	15	0.14
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD11	2	0.14
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD12	2	0.14
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD13	2	0.14
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD21	2	0.14
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD22	2	0.14
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD23	2	0.14
(30,2087)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	19	0.14
(30,2087)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	19	0.14
(30,2087)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	19	0.14
(30,2087)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	19	0.14
(30,2087)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	19	0.14
(30,2087)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	19	0.14
(30,2086)	1:35:A:LEU:HD11	1:143:A:TRP:HE1	18	0.14
(30,2086)	1:35:A:LEU:HD12	1:143:A:TRP:HE1	18	0.14
(30,2086)	1:35:A:LEU:HD13	1:143:A:TRP:HE1	18	0.14
(30,2086)	1:35:A:LEU:HD21	1:143:A:TRP:HE1	18	0.14
(30,2086)	1:35:A:LEU:HD22	1:143:A:TRP:HE1	18	0.14
(30,2086)	1:35:A:LEU:HD23	1:143:A:TRP:HE1	18	0.14
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD11	17	0.14
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD12	17	0.14
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD13	17	0.14
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD21	17	0.14
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD22	17	0.14
(30,2047)	1:27:A:ARG:HE	1:30:A:LEU:HD23	17	0.14
(30,2044)	1:27:A:ARG:HB2	1:29:A:LYS:H	18	0.14
(30,2044)	1:27:A:ARG:HB3	1:29:A:LYS:H	18	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2022)	1:18:A:PHE:HE1	1:131:A:LEU:HB2	16	0.14
(30,2022)	1:18:A:PHE:HE1	1:131:A:LEU:HB3	16	0.14
(30,2022)	1:18:A:PHE:HE2	1:131:A:LEU:HB2	16	0.14
(30,2022)	1:18:A:PHE:HE2	1:131:A:LEU:HB3	16	0.14
(30,1997)	1:14:A:VAL:HG11	1:61:A:SER:H	12	0.14
(30,1997)	1:14:A:VAL:HG12	1:61:A:SER:H	12	0.14
(30,1997)	1:14:A:VAL:HG13	1:61:A:SER:H	12	0.14
(30,1997)	1:14:A:VAL:HG21	1:61:A:SER:H	12	0.14
(30,1997)	1:14:A:VAL:HG22	1:61:A:SER:H	12	0.14
(30,1997)	1:14:A:VAL:HG23	1:61:A:SER:H	12	0.14
(30,1914)	1:58:A:ILE:HB	1:62:A:HIS:HE1	10	0.14
(30,1901)	1:63:A:ILE:HB	1:113:A:PHE:HD1	13	0.14
(30,1901)	1:63:A:ILE:HB	1:113:A:PHE:HD2	13	0.14
(30,1853)	1:9:A:PHE:HD1	1:58:A:ILE:H	6	0.14
(30,1853)	1:9:A:PHE:HD2	1:58:A:ILE:H	6	0.14
(30,1853)	1:9:A:PHE:HD1	1:58:A:ILE:H	15	0.14
(30,1853)	1:9:A:PHE:HD2	1:58:A:ILE:H	15	0.14
(30,1846)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	19	0.14
(30,1846)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	19	0.14
(30,1841)	1:61:A:SER:HA	1:62:A:HIS:HD2	19	0.14
(30,1823)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	13	0.14
(30,1823)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	13	0.14
(30,1823)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	13	0.14
(30,1733)	1:68:A:LYS:HA	1:71:A:LYS:HB2	6	0.14
(30,1690)	1:69:A:MET:HA	1:109:A:PRO:HA	4	0.14
(30,1636)	1:114:A:ILE:HG21	1:117:A:VAL:HG21	3	0.14
(30,1636)	1:114:A:ILE:HG21	1:117:A:VAL:HG22	3	0.14
(30,1636)	1:114:A:ILE:HG21	1:117:A:VAL:HG23	3	0.14
(30,1636)	1:114:A:ILE:HG22	1:117:A:VAL:HG21	3	0.14
(30,1636)	1:114:A:ILE:HG22	1:117:A:VAL:HG22	3	0.14
(30,1636)	1:114:A:ILE:HG22	1:117:A:VAL:HG23	3	0.14
(30,1636)	1:114:A:ILE:HG23	1:117:A:VAL:HG21	3	0.14
(30,1636)	1:114:A:ILE:HG23	1:117:A:VAL:HG22	3	0.14
(30,1636)	1:114:A:ILE:HG23	1:117:A:VAL:HG23	3	0.14
(30,1629)	1:79:A:THR:H	1:80:A:TYR:HA	1	0.14
(30,1622)	1:149:A:ALA:HB1	1:151:A:PHE:HA	12	0.14
(30,1622)	1:149:A:ALA:HB2	1:151:A:PHE:HA	12	0.14
(30,1622)	1:149:A:ALA:HB3	1:151:A:PHE:HA	12	0.14
(30,1610)	1:73:A:ILE:HG21	1:76:A:ARG:H	2	0.14
(30,1610)	1:73:A:ILE:HG22	1:76:A:ARG:H	2	0.14
(30,1610)	1:73:A:ILE:HG23	1:76:A:ARG:H	2	0.14
(30,1584)	1:101:A:ILE:HD11	1:112:A:GLN:HA	2	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1584)	1:101:A:ILE:HD12	1:112:A:GLN:HA	2	0.14
(30,1584)	1:101:A:ILE:HD13	1:112:A:GLN:HA	2	0.14
(30,1574)	1:57:A:LEU:H	1:58:A:ILE:HD11	13	0.14
(30,1574)	1:57:A:LEU:H	1:58:A:ILE:HD12	13	0.14
(30,1574)	1:57:A:LEU:H	1:58:A:ILE:HD13	13	0.14
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	17	0.14
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	17	0.14
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	17	0.14
(30,1544)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	5	0.14
(30,1544)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	5	0.14
(30,1544)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	5	0.14
(30,1446)	1:50:A:ALA:HB1	1:130:A:GLY:H	19	0.14
(30,1446)	1:50:A:ALA:HB2	1:130:A:GLY:H	19	0.14
(30,1446)	1:50:A:ALA:HB3	1:130:A:GLY:H	19	0.14
(30,1436)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	7	0.14
(30,1436)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	7	0.14
(30,1436)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	7	0.14
(30,1436)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	7	0.14
(30,1436)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	7	0.14
(30,1436)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	7	0.14
(30,1433)	1:50:A:ALA:HB1	1:127:A:CYS:HA	16	0.14
(30,1433)	1:50:A:ALA:HB2	1:127:A:CYS:HA	16	0.14
(30,1433)	1:50:A:ALA:HB3	1:127:A:CYS:HA	16	0.14
(30,1400)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	3	0.14
(30,1400)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	3	0.14
(30,1400)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	3	0.14
(30,1400)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	3	0.14
(30,1400)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	3	0.14
(30,1400)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	3	0.14
(30,1400)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	3	0.14
(30,1400)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	3	0.14
(30,1400)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	3	0.14
(30,1356)	1:120:A:CYS:HA	1:121:A:VAL:HG11	17	0.14
(30,1356)	1:120:A:CYS:HA	1:121:A:VAL:HG12	17	0.14
(30,1356)	1:120:A:CYS:HA	1:121:A:VAL:HG13	17	0.14
(30,1340)	1:125:A:THR:HG21	1:128:A:LEU:HB2	5	0.14
(30,1340)	1:125:A:THR:HG22	1:128:A:LEU:HB2	5	0.14
(30,1340)	1:125:A:THR:HG23	1:128:A:LEU:HB2	5	0.14
(30,1340)	1:125:A:THR:HG21	1:128:A:LEU:HB2	17	0.14
(30,1340)	1:125:A:THR:HG22	1:128:A:LEU:HB2	17	0.14
(30,1340)	1:125:A:THR:HG23	1:128:A:LEU:HB2	17	0.14
(30,1288)	1:66:A:THR:HG21	1:104:A:PHE:HE1	16	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1288)	1:66:A:THR:HG21	1:104:A:PHE:HE2	16	0.14
(30,1288)	1:66:A:THR:HG22	1:104:A:PHE:HE1	16	0.14
(30,1288)	1:66:A:THR:HG22	1:104:A:PHE:HE2	16	0.14
(30,1288)	1:66:A:THR:HG23	1:104:A:PHE:HE1	16	0.14
(30,1288)	1:66:A:THR:HG23	1:104:A:PHE:HE2	16	0.14
(30,1261)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	1	0.14
(30,1261)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	1	0.14
(30,1261)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	1	0.14
(30,1261)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	1	0.14
(30,1261)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	1	0.14
(30,1261)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	1	0.14
(30,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE1	14	0.14
(30,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE2	14	0.14
(30,1074)	1:101:A:ILE:HG21	1:112:A:GLN:HA	10	0.14
(30,1074)	1:101:A:ILE:HG22	1:112:A:GLN:HA	10	0.14
(30,1074)	1:101:A:ILE:HG23	1:112:A:GLN:HA	10	0.14
(30,1059)	1:54:A:ARG:HA	1:58:A:ILE:HG13	7	0.14
(30,1056)	1:134:A:VAL:HG21	1:140:A:LEU:HG	1	0.14
(30,1056)	1:134:A:VAL:HG22	1:140:A:LEU:HG	1	0.14
(30,1056)	1:134:A:VAL:HG23	1:140:A:LEU:HG	1	0.14
(30,988)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	3	0.14
(30,988)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	14	0.14
(30,988)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	16	0.14
(30,946)	1:40:A:LEU:HA	1:43:A:MET:HG2	19	0.14
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB2	8	0.14
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB2	8	0.14
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB2	8	0.14
(30,842)	1:43:A:MET:HE1	1:144:A:LEU:HB3	8	0.14
(30,842)	1:43:A:MET:HE2	1:144:A:LEU:HB3	8	0.14
(30,842)	1:43:A:MET:HE3	1:144:A:LEU:HB3	8	0.14
(30,788)	1:63:A:ILE:HD11	1:69:A:MET:HE1	7	0.14
(30,788)	1:63:A:ILE:HD11	1:69:A:MET:HE2	7	0.14
(30,788)	1:63:A:ILE:HD11	1:69:A:MET:HE3	7	0.14
(30,788)	1:63:A:ILE:HD12	1:69:A:MET:HE1	7	0.14
(30,788)	1:63:A:ILE:HD12	1:69:A:MET:HE2	7	0.14
(30,788)	1:63:A:ILE:HD12	1:69:A:MET:HE3	7	0.14
(30,788)	1:63:A:ILE:HD13	1:69:A:MET:HE1	7	0.14
(30,788)	1:63:A:ILE:HD13	1:69:A:MET:HE2	7	0.14
(30,788)	1:63:A:ILE:HD13	1:69:A:MET:HE3	7	0.14
(30,784)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	11	0.14
(30,784)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	11	0.14
(30,784)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	11	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,784)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	11	0.14
(30,784)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	11	0.14
(30,784)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	11	0.14
(30,784)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	19	0.14
(30,784)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	19	0.14
(30,784)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	19	0.14
(30,784)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	19	0.14
(30,784)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	19	0.14
(30,784)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	19	0.14
(30,701)	1:23:A:LEU:HA	1:25:A:ALA:H	6	0.14
(30,666)	1:101:A:ILE:HD11	1:116:A:GLN:H	19	0.14
(30,666)	1:101:A:ILE:HD12	1:116:A:GLN:H	19	0.14
(30,666)	1:101:A:ILE:HD13	1:116:A:GLN:H	19	0.14
(30,592)	1:27:A:ARG:HB2	1:28:A:GLY:H	11	0.14
(30,355)	1:104:A:PHE:H	1:106:A:ASP:H	8	0.14
(30,319)	1:56:A:CYS:HA	1:122:A:ASP:H	16	0.14
(30,314)	1:43:A:MET:H	1:140:A:LEU:HD11	11	0.14
(30,314)	1:43:A:MET:H	1:140:A:LEU:HD12	11	0.14
(30,314)	1:43:A:MET:H	1:140:A:LEU:HD13	11	0.14
(30,234)	1:110:A:MET:HE1	1:114:A:ILE:H	6	0.14
(30,234)	1:110:A:MET:HE2	1:114:A:ILE:H	6	0.14
(30,234)	1:110:A:MET:HE3	1:114:A:ILE:H	6	0.14
(30,158)	1:127:A:CYS:H	1:128:A:LEU:HB2	17	0.14
(30,145)	1:59:A:CYS:H	1:60:A:LEU:HD21	6	0.14
(30,145)	1:59:A:CYS:H	1:60:A:LEU:HD22	6	0.14
(30,145)	1:59:A:CYS:H	1:60:A:LEU:HD23	6	0.14
(30,14)	1:63:A:ILE:HB	1:64:A:LYS:H	19	0.14
(29,2452)	1:150:A:THR:H	1:151:A:PHE:HB2	14	0.14
(29,2452)	1:150:A:THR:H	1:151:A:PHE:HB3	14	0.14
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD11	1	0.14
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD12	1	0.14
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD13	1	0.14
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD21	1	0.14
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD22	1	0.14
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD23	1	0.14
(29,2289)	1:98:A:ILE:HB	1:119:A:LEU:HD11	8	0.14
(29,2289)	1:98:A:ILE:HB	1:119:A:LEU:HD12	8	0.14
(29,2289)	1:98:A:ILE:HB	1:119:A:LEU:HD13	8	0.14
(29,2289)	1:98:A:ILE:HB	1:119:A:LEU:HD21	8	0.14
(29,2289)	1:98:A:ILE:HB	1:119:A:LEU:HD22	8	0.14
(29,2289)	1:98:A:ILE:HB	1:119:A:LEU:HD23	8	0.14
(29,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	10	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2285)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	10	0.14
(29,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	10	0.14
(29,2285)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	10	0.14
(29,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	10	0.14
(29,2285)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	10	0.14
(29,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	10	0.14
(29,2285)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	10	0.14
(29,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	10	0.14
(29,2285)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	10	0.14
(29,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	10	0.14
(29,2285)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	10	0.14
(29,2263)	1:76:A:ARG:H	1:77:A:CYS:HB2	17	0.14
(29,2263)	1:76:A:ARG:H	1:77:A:CYS:HB3	17	0.14
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG11	8	0.14
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG12	8	0.14
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG13	8	0.14
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG21	8	0.14
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG22	8	0.14
(29,2213)	1:63:A:ILE:HB	1:117:A:VAL:HG23	8	0.14
(29,2163)	1:47:A:ALA:H	1:57:A:LEU:HD11	10	0.14
(29,2163)	1:47:A:ALA:H	1:57:A:LEU:HD12	10	0.14
(29,2163)	1:47:A:ALA:H	1:57:A:LEU:HD13	10	0.14
(29,2163)	1:47:A:ALA:H	1:57:A:LEU:HD21	10	0.14
(29,2163)	1:47:A:ALA:H	1:57:A:LEU:HD22	10	0.14
(29,2163)	1:47:A:ALA:H	1:57:A:LEU:HD23	10	0.14
(29,2137)	1:40:A:LEU:HD11	1:41:A:LYS:H	19	0.14
(29,2137)	1:40:A:LEU:HD12	1:41:A:LYS:H	19	0.14
(29,2137)	1:40:A:LEU:HD13	1:41:A:LYS:H	19	0.14
(29,2137)	1:40:A:LEU:HD21	1:41:A:LYS:H	19	0.14
(29,2137)	1:40:A:LEU:HD22	1:41:A:LYS:H	19	0.14
(29,2137)	1:40:A:LEU:HD23	1:41:A:LYS:H	19	0.14
(29,2095)	1:35:A:LEU:HD11	1:143:A:TRP:HE1	18	0.14
(29,2095)	1:35:A:LEU:HD12	1:143:A:TRP:HE1	18	0.14
(29,2095)	1:35:A:LEU:HD13	1:143:A:TRP:HE1	18	0.14
(29,2095)	1:35:A:LEU:HD21	1:143:A:TRP:HE1	18	0.14
(29,2095)	1:35:A:LEU:HD22	1:143:A:TRP:HE1	18	0.14
(29,2095)	1:35:A:LEU:HD23	1:143:A:TRP:HE1	18	0.14
(29,2079)	1:34:A:LYS:H	1:81:A:GLU:HB2	4	0.14
(29,2079)	1:34:A:LYS:H	1:81:A:GLU:HB3	4	0.14
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD11	17	0.14
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD12	17	0.14
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD13	17	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD21	17	0.14
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD22	17	0.14
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD23	17	0.14
(29,1966)	1:10:A:ASN:HD21	1:13:A:ALA:HB1	15	0.14
(29,1966)	1:10:A:ASN:HD21	1:13:A:ALA:HB2	15	0.14
(29,1966)	1:10:A:ASN:HD21	1:13:A:ALA:HB3	15	0.14
(29,1966)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	15	0.14
(29,1966)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	15	0.14
(29,1966)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	15	0.14
(29,1931)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	1	0.14
(29,1920)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	10	0.14
(29,1920)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	10	0.14
(29,1920)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	13	0.14
(29,1920)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	13	0.14
(29,1873)	1:9:A:PHE:HD1	1:58:A:ILE:H	6	0.14
(29,1873)	1:9:A:PHE:HD2	1:58:A:ILE:H	6	0.14
(29,1873)	1:9:A:PHE:HD1	1:58:A:ILE:H	15	0.14
(29,1873)	1:9:A:PHE:HD2	1:58:A:ILE:H	15	0.14
(29,1852)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	2	0.14
(29,1852)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	2	0.14
(29,1847)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	13	0.14
(29,1827)	1:101:A:ILE:HB	1:104:A:PHE:HD1	2	0.14
(29,1827)	1:101:A:ILE:HB	1:104:A:PHE:HD2	2	0.14
(29,1816)	1:71:A:LYS:HE2	1:72:A:PHE:HD1	12	0.14
(29,1816)	1:71:A:LYS:HE2	1:72:A:PHE:HD2	12	0.14
(29,1816)	1:71:A:LYS:HE3	1:72:A:PHE:HD1	12	0.14
(29,1816)	1:71:A:LYS:HE3	1:72:A:PHE:HD2	12	0.14
(29,1792)	1:67:A:PRO:HA	1:71:A:LYS:H	13	0.14
(29,1764)	1:140:A:LEU:HD11	1:144:A:LEU:H	5	0.14
(29,1764)	1:140:A:LEU:HD12	1:144:A:LEU:H	5	0.14
(29,1764)	1:140:A:LEU:HD13	1:144:A:LEU:H	5	0.14
(29,1748)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	1	0.14
(29,1748)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	1	0.14
(29,1748)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	1	0.14
(29,1729)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	6	0.14
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD11	3	0.14
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD12	3	0.14
(29,1728)	1:67:A:PRO:HD3	1:95:A:ILE:HD13	3	0.14
(29,1724)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	12	0.14
(29,1722)	1:34:A:LYS:HA	1:35:A:LEU:HB3	7	0.14
(29,1717)	1:14:A:VAL:H	1:43:A:MET:HE1	4	0.14
(29,1717)	1:14:A:VAL:H	1:43:A:MET:HE2	4	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1717)	1:14:A:VAL:H	1:43:A:MET:HE3	4	0.14
(29,1661)	1:46:A:ASN:HD21	1:134:A:VAL:HG21	3	0.14
(29,1661)	1:46:A:ASN:HD21	1:134:A:VAL:HG22	3	0.14
(29,1661)	1:46:A:ASN:HD21	1:134:A:VAL:HG23	3	0.14
(29,1646)	1:111:A:GLU:HA	1:114:A:ILE:HG21	4	0.14
(29,1646)	1:111:A:GLU:HA	1:114:A:ILE:HG22	4	0.14
(29,1646)	1:111:A:GLU:HA	1:114:A:ILE:HG23	4	0.14
(29,1642)	1:79:A:THR:H	1:80:A:TYR:HA	1	0.14
(29,1634)	1:149:A:ALA:HB1	1:151:A:PHE:HA	12	0.14
(29,1634)	1:149:A:ALA:HB2	1:151:A:PHE:HA	12	0.14
(29,1634)	1:149:A:ALA:HB3	1:151:A:PHE:HA	12	0.14
(29,1624)	1:105:A:LYS:H	1:107:A:LEU:HD21	13	0.14
(29,1624)	1:105:A:LYS:H	1:107:A:LEU:HD22	13	0.14
(29,1624)	1:105:A:LYS:H	1:107:A:LEU:HD23	13	0.14
(29,1585)	1:57:A:LEU:H	1:58:A:ILE:HD11	13	0.14
(29,1585)	1:57:A:LEU:H	1:58:A:ILE:HD12	13	0.14
(29,1585)	1:57:A:LEU:H	1:58:A:ILE:HD13	13	0.14
(29,1545)	1:66:A:THR:HG21	1:69:A:MET:HE1	9	0.14
(29,1545)	1:66:A:THR:HG21	1:69:A:MET:HE2	9	0.14
(29,1545)	1:66:A:THR:HG21	1:69:A:MET:HE3	9	0.14
(29,1545)	1:66:A:THR:HG22	1:69:A:MET:HE1	9	0.14
(29,1545)	1:66:A:THR:HG22	1:69:A:MET:HE2	9	0.14
(29,1545)	1:66:A:THR:HG22	1:69:A:MET:HE3	9	0.14
(29,1545)	1:66:A:THR:HG23	1:69:A:MET:HE1	9	0.14
(29,1545)	1:66:A:THR:HG23	1:69:A:MET:HE2	9	0.14
(29,1545)	1:66:A:THR:HG23	1:69:A:MET:HE3	9	0.14
(29,1508)	1:47:A:ALA:HB1	1:48:A:ARG:HB2	13	0.14
(29,1508)	1:47:A:ALA:HB1	1:48:A:ARG:HB3	13	0.14
(29,1508)	1:47:A:ALA:HB2	1:48:A:ARG:HB2	13	0.14
(29,1508)	1:47:A:ALA:HB2	1:48:A:ARG:HB3	13	0.14
(29,1508)	1:47:A:ALA:HB3	1:48:A:ARG:HB2	13	0.14
(29,1508)	1:47:A:ALA:HB3	1:48:A:ARG:HB3	13	0.14
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	14	0.14
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	14	0.14
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	14	0.14
(29,1465)	1:13:A:ALA:HB1	1:61:A:SER:HA	15	0.14
(29,1465)	1:13:A:ALA:HB2	1:61:A:SER:HA	15	0.14
(29,1465)	1:13:A:ALA:HB3	1:61:A:SER:HA	15	0.14
(29,1442)	1:101:A:ILE:HB	1:115:A:ALA:HB1	10	0.14
(29,1442)	1:101:A:ILE:HB	1:115:A:ALA:HB2	10	0.14
(29,1442)	1:101:A:ILE:HB	1:115:A:ALA:HB3	10	0.14
(29,1440)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	7	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1440)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	7	0.14
(29,1440)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	7	0.14
(29,1440)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	7	0.14
(29,1440)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	7	0.14
(29,1440)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	7	0.14
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG11	16	0.14
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG12	16	0.14
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG13	16	0.14
(29,1306)	1:18:A:PHE:HZ	1:60:A:LEU:HD21	13	0.14
(29,1306)	1:18:A:PHE:HZ	1:60:A:LEU:HD22	13	0.14
(29,1306)	1:18:A:PHE:HZ	1:60:A:LEU:HD23	13	0.14
(29,1301)	1:66:A:THR:HG21	1:70:A:LYS:H	7	0.14
(29,1301)	1:66:A:THR:HG22	1:70:A:LYS:H	7	0.14
(29,1301)	1:66:A:THR:HG23	1:70:A:LYS:H	7	0.14
(29,1123)	1:43:A:MET:HA	1:43:A:MET:HG3	18	0.14
(29,1061)	1:111:A:GLU:HA	1:114:A:ILE:HG12	4	0.14
(29,1029)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	15	0.14
(29,1029)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	15	0.14
(29,977)	1:141:A:LYS:HB2	1:149:A:ALA:HA	18	0.14
(29,977)	1:141:A:LYS:HB3	1:149:A:ALA:HA	18	0.14
(29,966)	1:66:A:THR:H	1:96:A:VAL:HB	12	0.14
(29,961)	1:39:A:VAL:HA	1:43:A:MET:HG3	14	0.14
(29,857)	1:68:A:LYS:HA	1:68:A:LYS:HE2	17	0.14
(29,857)	1:68:A:LYS:HA	1:68:A:LYS:HE3	17	0.14
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD11	6	0.14
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD12	6	0.14
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD13	6	0.14
(29,805)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	11	0.14
(29,805)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	11	0.14
(29,805)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	11	0.14
(29,805)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	11	0.14
(29,805)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	11	0.14
(29,805)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	11	0.14
(29,805)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	19	0.14
(29,805)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	19	0.14
(29,805)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	19	0.14
(29,805)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	19	0.14
(29,805)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	19	0.14
(29,805)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	19	0.14
(29,800)	1:60:A:LEU:H	1:63:A:ILE:HD11	17	0.14
(29,800)	1:60:A:LEU:H	1:63:A:ILE:HD12	17	0.14
(29,800)	1:60:A:LEU:H	1:63:A:ILE:HD13	17	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	13	0.14
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	13	0.14
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	13	0.14
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	13	0.14
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	13	0.14
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	13	0.14
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	13	0.14
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	13	0.14
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	13	0.14
(29,771)	1:141:A:LYS:H	1:143:A:TRP:HB2	17	0.14
(29,710)	1:23:A:LEU:HA	1:25:A:ALA:H	6	0.14
(29,706)	1:46:A:ASN:HB3	1:134:A:VAL:H	12	0.14
(29,679)	1:120:A:CYS:H	1:121:A:VAL:HG11	3	0.14
(29,679)	1:120:A:CYS:H	1:121:A:VAL:HG12	3	0.14
(29,679)	1:120:A:CYS:H	1:121:A:VAL:HG13	3	0.14
(29,677)	1:116:A:GLN:HG3	1:117:A:VAL:H	2	0.14
(29,677)	1:116:A:GLN:HG3	1:117:A:VAL:H	9	0.14
(29,676)	1:101:A:ILE:HD11	1:116:A:GLN:H	19	0.14
(29,676)	1:101:A:ILE:HD12	1:116:A:GLN:H	19	0.14
(29,676)	1:101:A:ILE:HD13	1:116:A:GLN:H	19	0.14
(29,625)	1:118:A:ASP:HB3	1:120:A:CYS:H	4	0.14
(29,624)	1:118:A:ASP:H	1:120:A:CYS:H	4	0.14
(29,596)	1:74:A:PRO:HD2	1:75:A:GLY:H	5	0.14
(29,596)	1:74:A:PRO:HD2	1:75:A:GLY:H	9	0.14
(29,596)	1:74:A:PRO:HD2	1:75:A:GLY:H	17	0.14
(29,596)	1:74:A:PRO:HD2	1:75:A:GLY:H	18	0.14
(29,491)	1:105:A:LYS:H	1:107:A:LEU:H	7	0.14
(29,446)	1:68:A:LYS:H	1:70:A:LYS:HG3	17	0.14
(29,341)	1:110:A:MET:HG2	1:111:A:GLU:H	19	0.14
(29,341)	1:110:A:MET:HG3	1:111:A:GLU:H	19	0.14
(29,317)	1:56:A:CYS:HA	1:122:A:ASP:H	16	0.14
(29,261)	1:39:A:VAL:H	1:39:A:VAL:HB	7	0.14
(29,238)	1:50:A:ALA:H	1:52:A:CYS:H	10	0.14
(29,235)	1:110:A:MET:HE1	1:114:A:ILE:H	6	0.14
(29,235)	1:110:A:MET:HE2	1:114:A:ILE:H	6	0.14
(29,235)	1:110:A:MET:HE3	1:114:A:ILE:H	6	0.14
(29,183)	1:8:A:ASP:H	1:58:A:ILE:HD11	15	0.14
(29,183)	1:8:A:ASP:H	1:58:A:ILE:HD12	15	0.14
(29,183)	1:8:A:ASP:H	1:58:A:ILE:HD13	15	0.14
(29,165)	1:50:A:ALA:HB1	1:127:A:CYS:H	13	0.14
(29,165)	1:50:A:ALA:HB2	1:127:A:CYS:H	13	0.14
(29,165)	1:50:A:ALA:HB3	1:127:A:CYS:H	13	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,35)	1:96:A:VAL:H	1:97:A:ASP:HB2	18	0.14
(29,35)	1:96:A:VAL:H	1:97:A:ASP:HB3	18	0.14
(29,17)	1:64:A:LYS:H	1:64:A:LYS:HD2	12	0.14
(29,17)	1:64:A:LYS:H	1:64:A:LYS:HD3	12	0.14
(29,12)	1:64:A:LYS:H	1:64:A:LYS:HE2	2	0.14
(29,12)	1:64:A:LYS:H	1:64:A:LYS:HE3	2	0.14
(28,1)	1:59:A:CYS:CB	1:120:A:CYS:SG	2	0.14
(24,41)	1:120:A:CYS:H	1:116:A:GLN:O	11	0.14
(24,33)	1:116:A:GLN:H	1:112:A:GLN:O	1	0.14
(24,33)	1:116:A:GLN:H	1:112:A:GLN:O	7	0.14
(24,33)	1:116:A:GLN:H	1:112:A:GLN:O	18	0.14
(24,29)	1:114:A:ILE:H	1:110:A:MET:O	2	0.14
(24,29)	1:114:A:ILE:H	1:110:A:MET:O	18	0.14
(24,23)	1:101:A:ILE:H	1:98:A:ILE:O	15	0.14
(23,20)	1:128:A:LEU:N	1:124:A:THR:O	2	0.14
(23,9)	1:73:A:ILE:N	1:69:A:MET:O	16	0.14
(23,8)	1:61:A:SER:N	1:57:A:LEU:O	9	0.14
(23,8)	1:61:A:SER:N	1:57:A:LEU:O	10	0.14
(23,8)	1:61:A:SER:N	1:57:A:LEU:O	13	0.14
(23,8)	1:61:A:SER:N	1:57:A:LEU:O	16	0.14
(23,6)	1:59:A:CYS:N	1:55:A:GLY:O	6	0.14
(23,6)	1:59:A:CYS:N	1:55:A:GLY:O	9	0.14
(23,4)	1:45:A:ALA:N	1:41:A:LYS:O	4	0.14
(23,3)	1:44:A:GLU:N	1:40:A:LEU:O	8	0.14
(23,3)	1:44:A:GLU:N	1:40:A:LEU:O	9	0.14
(23,3)	1:44:A:GLU:N	1:40:A:LEU:O	17	0.14
(22,19)	1:101:A:ILE:H	1:98:A:ILE:C	10	0.14
(22,19)	1:101:A:ILE:H	1:98:A:ILE:C	13	0.14
(19,18)	1:56:A:CYS:SG	1:123:A:CYS:CB	13	0.14
(19,2)	1:120:A:CYS:SG	1:59:A:CYS:CB	2	0.14
(18,2472)	1:150:A:THR:H	1:151:A:PHE:HB2	14	0.14
(18,2472)	1:150:A:THR:H	1:151:A:PHE:HB3	14	0.14
(18,2448)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	1	0.14
(18,2448)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	1	0.14
(18,2448)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	1	0.14
(18,2448)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	1	0.14
(18,2448)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	1	0.14
(18,2448)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	1	0.14
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD11	1	0.14
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD12	1	0.14
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD13	1	0.14
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD21	1	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD22	1	0.14
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD23	1	0.14
(18,2342)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	16	0.14
(18,2342)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	16	0.14
(18,2342)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	16	0.14
(18,2342)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	16	0.14
(18,2342)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	16	0.14
(18,2342)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	16	0.14
(18,2342)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	16	0.14
(18,2342)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	16	0.14
(18,2342)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	16	0.14
(18,2342)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	16	0.14
(18,2342)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	16	0.14
(18,2342)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	16	0.14
(18,2342)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	16	0.14
(18,2342)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	16	0.14
(18,2342)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	16	0.14
(18,2342)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	16	0.14
(18,2342)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	16	0.14
(18,2342)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	16	0.14
(18,2286)	1:98:A:ILE:HB	1:119:A:LEU:HD11	8	0.14
(18,2286)	1:98:A:ILE:HB	1:119:A:LEU:HD12	8	0.14
(18,2286)	1:98:A:ILE:HB	1:119:A:LEU:HD13	8	0.14
(18,2286)	1:98:A:ILE:HB	1:119:A:LEU:HD21	8	0.14
(18,2286)	1:98:A:ILE:HB	1:119:A:LEU:HD22	8	0.14
(18,2286)	1:98:A:ILE:HB	1:119:A:LEU:HD23	8	0.14
(18,2281)	1:96:A:VAL:HG11	1:116:A:GLN:HB2	10	0.14
(18,2281)	1:96:A:VAL:HG11	1:116:A:GLN:HB3	10	0.14
(18,2281)	1:96:A:VAL:HG12	1:116:A:GLN:HB2	10	0.14
(18,2281)	1:96:A:VAL:HG12	1:116:A:GLN:HB3	10	0.14
(18,2281)	1:96:A:VAL:HG13	1:116:A:GLN:HB2	10	0.14
(18,2281)	1:96:A:VAL:HG13	1:116:A:GLN:HB3	10	0.14
(18,2281)	1:96:A:VAL:HG21	1:116:A:GLN:HB2	10	0.14
(18,2281)	1:96:A:VAL:HG21	1:116:A:GLN:HB3	10	0.14
(18,2281)	1:96:A:VAL:HG22	1:116:A:GLN:HB2	10	0.14
(18,2281)	1:96:A:VAL:HG22	1:116:A:GLN:HB3	10	0.14
(18,2281)	1:96:A:VAL:HG23	1:116:A:GLN:HB2	10	0.14
(18,2281)	1:96:A:VAL:HG23	1:116:A:GLN:HB3	10	0.14
(18,2239)	1:65:A:CYS:HB2	1:69:A:MET:HG2	9	0.14
(18,2239)	1:65:A:CYS:HB2	1:69:A:MET:HG3	9	0.14
(18,2239)	1:65:A:CYS:HB3	1:69:A:MET:HG2	9	0.14
(18,2239)	1:65:A:CYS:HB3	1:69:A:MET:HG3	9	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2239)	1:65:A:CYS:HB2	1:69:A:MET:HG2	11	0.14
(18,2239)	1:65:A:CYS:HB2	1:69:A:MET:HG3	11	0.14
(18,2239)	1:65:A:CYS:HB3	1:69:A:MET:HG2	11	0.14
(18,2239)	1:65:A:CYS:HB3	1:69:A:MET:HG3	11	0.14
(18,2226)	1:60:A:LEU:HD11	1:123:A:CYS:H	15	0.14
(18,2226)	1:60:A:LEU:HD12	1:123:A:CYS:H	15	0.14
(18,2226)	1:60:A:LEU:HD13	1:123:A:CYS:H	15	0.14
(18,2226)	1:60:A:LEU:HD21	1:123:A:CYS:H	15	0.14
(18,2226)	1:60:A:LEU:HD22	1:123:A:CYS:H	15	0.14
(18,2226)	1:60:A:LEU:HD23	1:123:A:CYS:H	15	0.14
(18,2225)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	8	0.14
(18,2225)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	8	0.14
(18,2225)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	8	0.14
(18,2225)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	8	0.14
(18,2225)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	8	0.14
(18,2225)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	8	0.14
(18,2225)	1:60:A:LEU:HD11	1:122:A:ASP:HB3	8	0.14
(18,2225)	1:60:A:LEU:HD12	1:122:A:ASP:HB3	8	0.14
(18,2225)	1:60:A:LEU:HD13	1:122:A:ASP:HB3	8	0.14
(18,2225)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	8	0.14
(18,2225)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	8	0.14
(18,2225)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	8	0.14
(18,2224)	1:60:A:LEU:HD11	1:122:A:ASP:H	14	0.14
(18,2224)	1:60:A:LEU:HD12	1:122:A:ASP:H	14	0.14
(18,2224)	1:60:A:LEU:HD13	1:122:A:ASP:H	14	0.14
(18,2224)	1:60:A:LEU:HD21	1:122:A:ASP:H	14	0.14
(18,2224)	1:60:A:LEU:HD22	1:122:A:ASP:H	14	0.14
(18,2224)	1:60:A:LEU:HD23	1:122:A:ASP:H	14	0.14
(18,2111)	1:39:A:VAL:HG11	1:139:A:LEU:HD11	18	0.14
(18,2111)	1:39:A:VAL:HG11	1:139:A:LEU:HD12	18	0.14
(18,2111)	1:39:A:VAL:HG11	1:139:A:LEU:HD13	18	0.14
(18,2111)	1:39:A:VAL:HG11	1:139:A:LEU:HD21	18	0.14
(18,2111)	1:39:A:VAL:HG11	1:139:A:LEU:HD22	18	0.14
(18,2111)	1:39:A:VAL:HG11	1:139:A:LEU:HD23	18	0.14
(18,2111)	1:39:A:VAL:HG12	1:139:A:LEU:HD11	18	0.14
(18,2111)	1:39:A:VAL:HG12	1:139:A:LEU:HD12	18	0.14
(18,2111)	1:39:A:VAL:HG12	1:139:A:LEU:HD13	18	0.14
(18,2111)	1:39:A:VAL:HG12	1:139:A:LEU:HD21	18	0.14
(18,2111)	1:39:A:VAL:HG12	1:139:A:LEU:HD22	18	0.14
(18,2111)	1:39:A:VAL:HG12	1:139:A:LEU:HD23	18	0.14
(18,2111)	1:39:A:VAL:HG13	1:139:A:LEU:HD11	18	0.14
(18,2111)	1:39:A:VAL:HG13	1:139:A:LEU:HD12	18	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2111)	1:39:A:VAL:HG13	1:139:A:LEU:HD13	18	0.14
(18,2111)	1:39:A:VAL:HG13	1:139:A:LEU:HD21	18	0.14
(18,2111)	1:39:A:VAL:HG13	1:139:A:LEU:HD22	18	0.14
(18,2111)	1:39:A:VAL:HG13	1:139:A:LEU:HD23	18	0.14
(18,2111)	1:39:A:VAL:HG21	1:139:A:LEU:HD11	18	0.14
(18,2111)	1:39:A:VAL:HG21	1:139:A:LEU:HD12	18	0.14
(18,2111)	1:39:A:VAL:HG21	1:139:A:LEU:HD13	18	0.14
(18,2111)	1:39:A:VAL:HG21	1:139:A:LEU:HD21	18	0.14
(18,2111)	1:39:A:VAL:HG21	1:139:A:LEU:HD22	18	0.14
(18,2111)	1:39:A:VAL:HG21	1:139:A:LEU:HD23	18	0.14
(18,2111)	1:39:A:VAL:HG22	1:139:A:LEU:HD11	18	0.14
(18,2111)	1:39:A:VAL:HG22	1:139:A:LEU:HD12	18	0.14
(18,2111)	1:39:A:VAL:HG22	1:139:A:LEU:HD13	18	0.14
(18,2111)	1:39:A:VAL:HG22	1:139:A:LEU:HD21	18	0.14
(18,2111)	1:39:A:VAL:HG22	1:139:A:LEU:HD22	18	0.14
(18,2111)	1:39:A:VAL:HG22	1:139:A:LEU:HD23	18	0.14
(18,2111)	1:39:A:VAL:HG23	1:139:A:LEU:HD11	18	0.14
(18,2111)	1:39:A:VAL:HG23	1:139:A:LEU:HD12	18	0.14
(18,2111)	1:39:A:VAL:HG23	1:139:A:LEU:HD13	18	0.14
(18,2111)	1:39:A:VAL:HG23	1:139:A:LEU:HD21	18	0.14
(18,2111)	1:39:A:VAL:HG23	1:139:A:LEU:HD22	18	0.14
(18,2111)	1:39:A:VAL:HG23	1:139:A:LEU:HD23	18	0.14
(18,2076)	1:35:A:LEU:HD11	1:143:A:TRP:HE1	18	0.14
(18,2076)	1:35:A:LEU:HD12	1:143:A:TRP:HE1	18	0.14
(18,2076)	1:35:A:LEU:HD13	1:143:A:TRP:HE1	18	0.14
(18,2076)	1:35:A:LEU:HD21	1:143:A:TRP:HE1	18	0.14
(18,2076)	1:35:A:LEU:HD22	1:143:A:TRP:HE1	18	0.14
(18,2076)	1:35:A:LEU:HD23	1:143:A:TRP:HE1	18	0.14
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD11	17	0.14
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD12	17	0.14
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD13	17	0.14
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD21	17	0.14
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD22	17	0.14
(18,2045)	1:27:A:ARG:HE	1:30:A:LEU:HD23	17	0.14
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	17	0.14
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	17	0.14
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	17	0.14
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	17	0.14
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	17	0.14
(18,2027)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	17	0.14
(18,2015)	1:18:A:PHE:HB2	1:132:A:ALA:HA	17	0.14
(18,2015)	1:18:A:PHE:HB3	1:132:A:ALA:HA	17	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	8	0.14
(18,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	8	0.14
(18,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	8	0.14
(18,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	8	0.14
(18,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	8	0.14
(18,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	8	0.14
(18,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	8	0.14
(18,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	8	0.14
(18,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	8	0.14
(18,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	8	0.14
(18,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	8	0.14
(18,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	8	0.14
(18,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	8	0.14
(18,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	8	0.14
(18,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	8	0.14
(18,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	8	0.14
(18,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	8	0.14
(18,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	8	0.14
(18,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	18	0.14
(18,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	18	0.14
(18,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	18	0.14
(18,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	18	0.14
(18,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	18	0.14
(18,2003)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	18	0.14
(18,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	18	0.14
(18,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	18	0.14
(18,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	18	0.14
(18,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	18	0.14
(18,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	18	0.14
(18,2003)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	18	0.14
(18,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	18	0.14
(18,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	18	0.14
(18,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	18	0.14
(18,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	18	0.14
(18,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	18	0.14
(18,2003)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	18	0.14
(18,1974)	1:12:A:VAL:HG11	1:43:A:MET:H	16	0.14
(18,1974)	1:12:A:VAL:HG12	1:43:A:MET:H	16	0.14
(18,1974)	1:12:A:VAL:HG13	1:43:A:MET:H	16	0.14
(18,1974)	1:12:A:VAL:HG21	1:43:A:MET:H	16	0.14
(18,1974)	1:12:A:VAL:HG22	1:43:A:MET:H	16	0.14
(18,1974)	1:12:A:VAL:HG23	1:43:A:MET:H	16	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG11	1	0.14
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG12	1	0.14
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG13	1	0.14
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG21	1	0.14
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG22	1	0.14
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG23	1	0.14
(18,1937)	1:10:A:ASN:HB2	1:61:A:SER:HB2	10	0.14
(18,1937)	1:10:A:ASN:HB2	1:61:A:SER:HB3	10	0.14
(18,1937)	1:10:A:ASN:HB3	1:61:A:SER:HB2	10	0.14
(18,1937)	1:10:A:ASN:HB3	1:61:A:SER:HB3	10	0.14
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD11	2	0.14
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD12	2	0.14
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD13	2	0.14
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD21	2	0.14
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD22	2	0.14
(18,1931)	1:10:A:ASN:H	1:40:A:LEU:HD23	2	0.14
(18,1904)	1:58:A:ILE:HB	1:62:A:HIS:HE1	10	0.14
(18,1892)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	10	0.14
(18,1892)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	10	0.14
(18,1892)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	13	0.14
(18,1892)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	13	0.14
(18,1850)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	2	0.14
(18,1850)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	2	0.14
(18,1840)	1:9:A:PHE:HD1	1:58:A:ILE:H	6	0.14
(18,1840)	1:9:A:PHE:HD2	1:58:A:ILE:H	6	0.14
(18,1840)	1:9:A:PHE:HD1	1:58:A:ILE:H	15	0.14
(18,1840)	1:9:A:PHE:HD2	1:58:A:ILE:H	15	0.14
(18,1812)	1:9:A:PHE:HZ	1:54:A:ARG:HA	15	0.14
(18,1747)	1:57:A:LEU:HG	1:60:A:LEU:HG	1	0.14
(18,1697)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	6	0.14
(18,1689)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	12	0.14
(18,1659)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	8	0.14
(18,1659)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	8	0.14
(18,1614)	1:79:A:THR:H	1:80:A:TYR:HA	1	0.14
(18,1603)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	7	0.14
(18,1603)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	7	0.14
(18,1603)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	7	0.14
(18,1591)	1:73:A:ILE:HG21	1:76:A:ARG:H	2	0.14
(18,1591)	1:73:A:ILE:HG22	1:76:A:ARG:H	2	0.14
(18,1591)	1:73:A:ILE:HG23	1:76:A:ARG:H	2	0.14
(18,1522)	1:66:A:THR:HG21	1:69:A:MET:HE1	9	0.14
(18,1522)	1:66:A:THR:HG21	1:69:A:MET:HE2	9	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1522)	1:66:A:THR:HG21	1:69:A:MET:HE3	9	0.14
(18,1522)	1:66:A:THR:HG22	1:69:A:MET:HE1	9	0.14
(18,1522)	1:66:A:THR:HG22	1:69:A:MET:HE2	9	0.14
(18,1522)	1:66:A:THR:HG22	1:69:A:MET:HE3	9	0.14
(18,1522)	1:66:A:THR:HG23	1:69:A:MET:HE1	9	0.14
(18,1522)	1:66:A:THR:HG23	1:69:A:MET:HE2	9	0.14
(18,1522)	1:66:A:THR:HG23	1:69:A:MET:HE3	9	0.14
(18,1512)	1:69:A:MET:HE1	1:113:A:PHE:HD1	8	0.14
(18,1512)	1:69:A:MET:HE1	1:113:A:PHE:HD2	8	0.14
(18,1512)	1:69:A:MET:HE2	1:113:A:PHE:HD1	8	0.14
(18,1512)	1:69:A:MET:HE2	1:113:A:PHE:HD2	8	0.14
(18,1512)	1:69:A:MET:HE3	1:113:A:PHE:HD1	8	0.14
(18,1512)	1:69:A:MET:HE3	1:113:A:PHE:HD2	8	0.14
(18,1495)	1:43:A:MET:HA	1:43:A:MET:HE1	10	0.14
(18,1495)	1:43:A:MET:HA	1:43:A:MET:HE2	10	0.14
(18,1495)	1:43:A:MET:HA	1:43:A:MET:HE3	10	0.14
(18,1452)	1:13:A:ALA:HB1	1:79:A:THR:HB	16	0.14
(18,1452)	1:13:A:ALA:HB2	1:79:A:THR:HB	16	0.14
(18,1452)	1:13:A:ALA:HB3	1:79:A:THR:HB	16	0.14
(18,1428)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	7	0.14
(18,1428)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	7	0.14
(18,1428)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	7	0.14
(18,1428)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	7	0.14
(18,1428)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	7	0.14
(18,1428)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	7	0.14
(18,1407)	1:101:A:ILE:HG21	1:102:A:PRO:HD3	11	0.14
(18,1407)	1:101:A:ILE:HG22	1:102:A:PRO:HD3	11	0.14
(18,1407)	1:101:A:ILE:HG23	1:102:A:PRO:HD3	11	0.14
(18,1099)	1:138:A:ASP:HA	1:141:A:LYS:HA	16	0.14
(18,1081)	1:140:A:LEU:H	1:140:A:LEU:HG	18	0.14
(18,1062)	1:111:A:GLU:HA	1:114:A:ILE:HG12	4	0.14
(18,1031)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	15	0.14
(18,1031)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	15	0.14
(18,1005)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	5	0.14
(18,1005)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	5	0.14
(18,1005)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	5	0.14
(18,1005)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	5	0.14
(18,1005)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	5	0.14
(18,1005)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	5	0.14
(18,1004)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	3	0.14
(18,1004)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	14	0.14
(18,1004)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	16	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,938)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	6	0.14
(18,938)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	6	0.14
(18,938)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	6	0.14
(18,938)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	6	0.14
(18,893)	1:101:A:ILE:HG13	1:104:A:PHE:HB2	5	0.14
(18,887)	1:138:A:ASP:HB2	1:141:A:LYS:HB2	18	0.14
(18,887)	1:138:A:ASP:HB2	1:141:A:LYS:HB3	18	0.14
(18,887)	1:138:A:ASP:HB3	1:141:A:LYS:HB2	18	0.14
(18,887)	1:138:A:ASP:HB3	1:141:A:LYS:HB3	18	0.14
(18,868)	1:37:A:LEU:HB3	1:40:A:LEU:H	10	0.14
(18,854)	1:68:A:LYS:HA	1:68:A:LYS:HE2	17	0.14
(18,854)	1:68:A:LYS:HA	1:68:A:LYS:HE3	17	0.14
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	13	0.14
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	13	0.14
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	13	0.14
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	13	0.14
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	13	0.14
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	13	0.14
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	13	0.14
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	13	0.14
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	13	0.14
(18,772)	1:141:A:LYS:H	1:143:A:TRP:HB2	17	0.14
(18,739)	1:16:A:SER:H	1:17:A:ASN:HD21	2	0.14
(18,716)	1:23:A:LEU:HA	1:25:A:ALA:H	6	0.14
(18,686)	1:120:A:CYS:H	1:121:A:VAL:HG11	3	0.14
(18,686)	1:120:A:CYS:H	1:121:A:VAL:HG12	3	0.14
(18,686)	1:120:A:CYS:H	1:121:A:VAL:HG13	3	0.14
(18,683)	1:101:A:ILE:HD11	1:116:A:GLN:H	19	0.14
(18,683)	1:101:A:ILE:HD12	1:116:A:GLN:H	19	0.14
(18,683)	1:101:A:ILE:HD13	1:116:A:GLN:H	19	0.14
(18,633)	1:118:A:ASP:HB3	1:120:A:CYS:H	4	0.14
(18,632)	1:118:A:ASP:H	1:120:A:CYS:H	4	0.14
(18,568)	1:73:A:ILE:HD11	1:110:A:MET:H	4	0.14
(18,568)	1:73:A:ILE:HD12	1:110:A:MET:H	4	0.14
(18,568)	1:73:A:ILE:HD13	1:110:A:MET:H	4	0.14
(18,568)	1:73:A:ILE:HD11	1:110:A:MET:H	15	0.14
(18,568)	1:73:A:ILE:HD12	1:110:A:MET:H	15	0.14
(18,568)	1:73:A:ILE:HD13	1:110:A:MET:H	15	0.14
(18,543)	1:71:A:LYS:HB2	1:72:A:PHE:H	10	0.14
(18,529)	1:67:A:PRO:HB2	1:71:A:LYS:H	2	0.14
(18,529)	1:67:A:PRO:HB3	1:71:A:LYS:H	2	0.14
(18,529)	1:67:A:PRO:HB2	1:71:A:LYS:H	5	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,529)	1:67:A:PRO:HB3	1:71:A:LYS:H	5	0.14
(18,501)	1:98:A:ILE:H	1:105:A:LYS:H	17	0.14
(18,405)	1:105:A:LYS:HD2	1:106:A:ASP:H	1	0.14
(18,405)	1:105:A:LYS:HD3	1:106:A:ASP:H	1	0.14
(18,362)	1:104:A:PHE:H	1:106:A:ASP:H	8	0.14
(18,329)	1:56:A:CYS:HA	1:122:A:ASP:H	16	0.14
(18,289)	1:73:A:ILE:HD11	1:112:A:GLN:H	2	0.14
(18,289)	1:73:A:ILE:HD12	1:112:A:GLN:H	2	0.14
(18,289)	1:73:A:ILE:HD13	1:112:A:GLN:H	2	0.14
(18,289)	1:73:A:ILE:HD11	1:112:A:GLN:H	4	0.14
(18,289)	1:73:A:ILE:HD12	1:112:A:GLN:H	4	0.14
(18,289)	1:73:A:ILE:HD13	1:112:A:GLN:H	4	0.14
(18,285)	1:113:A:PHE:H	1:114:A:ILE:HB	11	0.14
(18,272)	1:39:A:VAL:H	1:139:A:LEU:HD11	13	0.14
(18,272)	1:39:A:VAL:H	1:139:A:LEU:HD12	13	0.14
(18,272)	1:39:A:VAL:H	1:139:A:LEU:HD13	13	0.14
(18,237)	1:110:A:MET:HE1	1:114:A:ILE:H	6	0.14
(18,237)	1:110:A:MET:HE2	1:114:A:ILE:H	6	0.14
(18,237)	1:110:A:MET:HE3	1:114:A:ILE:H	6	0.14
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD11	15	0.14
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD12	15	0.14
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD13	15	0.14
(18,158)	1:127:A:CYS:H	1:128:A:LEU:HB2	17	0.14
(18,64)	1:115:A:ALA:HA	1:117:A:VAL:H	9	0.14
(18,51)	1:44:A:GLU:HB2	1:47:A:ALA:H	4	0.14
(18,51)	1:44:A:GLU:HB3	1:47:A:ALA:H	4	0.14
(18,46)	1:98:A:ILE:H	1:99:A:PRO:HD3	5	0.14
(18,46)	1:98:A:ILE:H	1:99:A:PRO:HD3	12	0.14
(18,44)	1:98:A:ILE:H	1:104:A:PHE:HB2	14	0.14
(18,34)	1:96:A:VAL:H	1:97:A:ASP:HB2	18	0.14
(18,34)	1:96:A:VAL:H	1:97:A:ASP:HB3	18	0.14
(18,15)	1:64:A:LYS:H	1:64:A:LYS:HD2	12	0.14
(18,15)	1:64:A:LYS:H	1:64:A:LYS:HD3	12	0.14
(17,2489)	1:150:A:THR:H	1:151:A:PHE:HB2	14	0.14
(17,2489)	1:150:A:THR:H	1:151:A:PHE:HB3	14	0.14
(17,2389)	1:121:A:VAL:HA	1:123:A:CYS:HB2	16	0.14
(17,2389)	1:121:A:VAL:HA	1:123:A:CYS:HB3	16	0.14
(17,2342)	1:107:A:LEU:HD11	1:115:A:ALA:H	3	0.14
(17,2342)	1:107:A:LEU:HD12	1:115:A:ALA:H	3	0.14
(17,2342)	1:107:A:LEU:HD13	1:115:A:ALA:H	3	0.14
(17,2342)	1:107:A:LEU:HD21	1:115:A:ALA:H	3	0.14
(17,2342)	1:107:A:LEU:HD22	1:115:A:ALA:H	3	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2342)	1:107:A:LEU:HD23	1:115:A:ALA:H	3	0.14
(17,2276)	1:76:A:ARG:H	1:77:A:CYS:HB2	17	0.14
(17,2276)	1:76:A:ARG:H	1:77:A:CYS:HB3	17	0.14
(17,2254)	1:70:A:LYS:H	1:70:A:LYS:HD2	5	0.14
(17,2254)	1:70:A:LYS:H	1:70:A:LYS:HD3	5	0.14
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG11	10	0.14
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG12	10	0.14
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG13	10	0.14
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG21	10	0.14
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG22	10	0.14
(17,2191)	1:50:A:ALA:H	1:134:A:VAL:HG23	10	0.14
(17,2184)	1:47:A:ALA:HA	1:57:A:LEU:HD11	2	0.14
(17,2184)	1:47:A:ALA:HA	1:57:A:LEU:HD12	2	0.14
(17,2184)	1:47:A:ALA:HA	1:57:A:LEU:HD13	2	0.14
(17,2184)	1:47:A:ALA:HA	1:57:A:LEU:HD21	2	0.14
(17,2184)	1:47:A:ALA:HA	1:57:A:LEU:HD22	2	0.14
(17,2184)	1:47:A:ALA:HA	1:57:A:LEU:HD23	2	0.14
(17,2170)	1:43:A:MET:HE1	1:144:A:LEU:HB2	10	0.14
(17,2170)	1:43:A:MET:HE1	1:144:A:LEU:HB3	10	0.14
(17,2170)	1:43:A:MET:HE2	1:144:A:LEU:HB2	10	0.14
(17,2170)	1:43:A:MET:HE2	1:144:A:LEU:HB3	10	0.14
(17,2170)	1:43:A:MET:HE3	1:144:A:LEU:HB2	10	0.14
(17,2170)	1:43:A:MET:HE3	1:144:A:LEU:HB3	10	0.14
(17,2159)	1:43:A:MET:H	1:140:A:LEU:HD11	9	0.14
(17,2159)	1:43:A:MET:H	1:140:A:LEU:HD12	9	0.14
(17,2159)	1:43:A:MET:H	1:140:A:LEU:HD13	9	0.14
(17,2159)	1:43:A:MET:H	1:140:A:LEU:HD21	9	0.14
(17,2159)	1:43:A:MET:H	1:140:A:LEU:HD22	9	0.14
(17,2159)	1:43:A:MET:H	1:140:A:LEU:HD23	9	0.14
(17,2078)	1:34:A:LYS:H	1:81:A:GLU:HB2	4	0.14
(17,2078)	1:34:A:LYS:H	1:81:A:GLU:HB3	4	0.14
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	12	0.14
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	12	0.14
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	12	0.14
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	12	0.14
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	12	0.14
(17,2072)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	12	0.14
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	12	0.14
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	12	0.14
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	12	0.14
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	12	0.14
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	12	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2072)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	12	0.14
(17,2004)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	19	0.14
(17,2004)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	19	0.14
(17,2004)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	19	0.14
(17,2004)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	19	0.14
(17,2004)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	19	0.14
(17,2004)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	19	0.14
(17,2004)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	19	0.14
(17,2004)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	19	0.14
(17,2004)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	19	0.14
(17,2004)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	19	0.14
(17,2004)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	19	0.14
(17,2004)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	19	0.14
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	8	0.14
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	8	0.14
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	8	0.14
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	8	0.14
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	8	0.14
(17,1985)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	8	0.14
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	8	0.14
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	8	0.14
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	8	0.14
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	8	0.14
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	8	0.14
(17,1985)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	8	0.14
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	8	0.14
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	8	0.14
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	8	0.14
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	8	0.14
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	8	0.14
(17,1985)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	8	0.14
(17,1977)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	19	0.14
(17,1977)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	19	0.14
(17,1977)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	19	0.14
(17,1977)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	19	0.14
(17,1977)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	19	0.14
(17,1977)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	19	0.14
(17,1977)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	19	0.14
(17,1977)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	19	0.14
(17,1977)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	19	0.14
(17,1977)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	19	0.14
(17,1977)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	19	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1977)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	19	0.14
(17,1977)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	19	0.14
(17,1977)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	19	0.14
(17,1977)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	19	0.14
(17,1977)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	19	0.14
(17,1977)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	19	0.14
(17,1977)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	19	0.14
(17,1965)	1:10:A:ASN:HD21	1:13:A:ALA:HB1	15	0.14
(17,1965)	1:10:A:ASN:HD21	1:13:A:ALA:HB2	15	0.14
(17,1965)	1:10:A:ASN:HD21	1:13:A:ALA:HB3	15	0.14
(17,1965)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	15	0.14
(17,1965)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	15	0.14
(17,1965)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	15	0.14
(17,1930)	1:58:A:ILE:HB	1:62:A:HIS:HE1	10	0.14
(17,1893)	1:71:A:LYS:HA	1:72:A:PHE:HD1	19	0.14
(17,1893)	1:71:A:LYS:HA	1:72:A:PHE:HD2	19	0.14
(17,1869)	1:9:A:PHE:HD1	1:58:A:ILE:H	6	0.14
(17,1869)	1:9:A:PHE:HD2	1:58:A:ILE:H	6	0.14
(17,1869)	1:9:A:PHE:HD1	1:58:A:ILE:H	15	0.14
(17,1869)	1:9:A:PHE:HD2	1:58:A:ILE:H	15	0.14
(17,1858)	1:59:A:CYS:HA	1:62:A:HIS:HD2	4	0.14
(17,1846)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	13	0.14
(17,1837)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	13	0.14
(17,1837)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	13	0.14
(17,1837)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	13	0.14
(17,1802)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	9	0.14
(17,1802)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	9	0.14
(17,1802)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	9	0.14
(17,1802)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	9	0.14
(17,1802)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	9	0.14
(17,1802)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	9	0.14
(17,1802)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	9	0.14
(17,1802)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	9	0.14
(17,1802)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	9	0.14
(17,1802)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	9	0.14
(17,1802)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	9	0.14
(17,1802)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	9	0.14
(17,1790)	1:9:A:PHE:HE1	1:54:A:ARG:HA	12	0.14
(17,1790)	1:9:A:PHE:HE2	1:54:A:ARG:HA	12	0.14
(17,1779)	1:57:A:LEU:HG	1:60:A:LEU:HG	1	0.14
(17,1742)	1:68:A:LYS:HA	1:71:A:LYS:HB2	6	0.14
(17,1720)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	12	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1718)	1:34:A:LYS:HA	1:35:A:LEU:HB3	7	0.14
(17,1689)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	8	0.14
(17,1689)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	8	0.14
(17,1644)	1:79:A:THR:H	1:80:A:TYR:HA	1	0.14
(17,1625)	1:105:A:LYS:H	1:107:A:LEU:HD21	13	0.14
(17,1625)	1:105:A:LYS:H	1:107:A:LEU:HD22	13	0.14
(17,1625)	1:105:A:LYS:H	1:107:A:LEU:HD23	13	0.14
(17,1574)	1:138:A:ASP:HB2	1:139:A:LEU:HD11	8	0.14
(17,1574)	1:138:A:ASP:HB2	1:139:A:LEU:HD12	8	0.14
(17,1574)	1:138:A:ASP:HB2	1:139:A:LEU:HD13	8	0.14
(17,1574)	1:138:A:ASP:HB3	1:139:A:LEU:HD11	8	0.14
(17,1574)	1:138:A:ASP:HB3	1:139:A:LEU:HD12	8	0.14
(17,1574)	1:138:A:ASP:HB3	1:139:A:LEU:HD13	8	0.14
(17,1542)	1:69:A:MET:HE1	1:113:A:PHE:HD1	8	0.14
(17,1542)	1:69:A:MET:HE1	1:113:A:PHE:HD2	8	0.14
(17,1542)	1:69:A:MET:HE2	1:113:A:PHE:HD1	8	0.14
(17,1542)	1:69:A:MET:HE2	1:113:A:PHE:HD2	8	0.14
(17,1542)	1:69:A:MET:HE3	1:113:A:PHE:HD1	8	0.14
(17,1542)	1:69:A:MET:HE3	1:113:A:PHE:HD2	8	0.14
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD11	12	0.14
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD12	12	0.14
(17,1537)	1:43:A:MET:HE1	1:144:A:LEU:HD13	12	0.14
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD11	12	0.14
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD12	12	0.14
(17,1537)	1:43:A:MET:HE2	1:144:A:LEU:HD13	12	0.14
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD11	12	0.14
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD12	12	0.14
(17,1537)	1:43:A:MET:HE3	1:144:A:LEU:HD13	12	0.14
(17,1521)	1:47:A:ALA:HB1	1:48:A:ARG:HB2	13	0.14
(17,1521)	1:47:A:ALA:HB1	1:48:A:ARG:HB3	13	0.14
(17,1521)	1:47:A:ALA:HB2	1:48:A:ARG:HB2	13	0.14
(17,1521)	1:47:A:ALA:HB2	1:48:A:ARG:HB3	13	0.14
(17,1521)	1:47:A:ALA:HB3	1:48:A:ARG:HB2	13	0.14
(17,1521)	1:47:A:ALA:HB3	1:48:A:ARG:HB3	13	0.14
(17,1496)	1:45:A:ALA:HB1	1:49:A:LYS:HB2	4	0.14
(17,1496)	1:45:A:ALA:HB1	1:49:A:LYS:HB3	4	0.14
(17,1496)	1:45:A:ALA:HB2	1:49:A:LYS:HB2	4	0.14
(17,1496)	1:45:A:ALA:HB2	1:49:A:LYS:HB3	4	0.14
(17,1496)	1:45:A:ALA:HB3	1:49:A:LYS:HB2	4	0.14
(17,1496)	1:45:A:ALA:HB3	1:49:A:LYS:HB3	4	0.14
(17,1485)	1:45:A:ALA:HB1	1:47:A:ALA:H	3	0.14
(17,1485)	1:45:A:ALA:HB2	1:47:A:ALA:H	3	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1485)	1:45:A:ALA:HB3	1:47:A:ALA:H	3	0.14
(17,1455)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	7	0.14
(17,1455)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	7	0.14
(17,1455)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	7	0.14
(17,1455)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	7	0.14
(17,1455)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	7	0.14
(17,1455)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	7	0.14
(17,1374)	1:120:A:CYS:HA	1:121:A:VAL:HG11	17	0.14
(17,1374)	1:120:A:CYS:HA	1:121:A:VAL:HG12	17	0.14
(17,1374)	1:120:A:CYS:HA	1:121:A:VAL:HG13	17	0.14
(17,1358)	1:125:A:THR:HG21	1:128:A:LEU:HB2	5	0.14
(17,1358)	1:125:A:THR:HG22	1:128:A:LEU:HB2	5	0.14
(17,1358)	1:125:A:THR:HG23	1:128:A:LEU:HB2	5	0.14
(17,1358)	1:125:A:THR:HG21	1:128:A:LEU:HB2	17	0.14
(17,1358)	1:125:A:THR:HG22	1:128:A:LEU:HB2	17	0.14
(17,1358)	1:125:A:THR:HG23	1:128:A:LEU:HB2	17	0.14
(17,1343)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	3	0.14
(17,1343)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	3	0.14
(17,1343)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	3	0.14
(17,1343)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	3	0.14
(17,1343)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	3	0.14
(17,1343)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	3	0.14
(17,1343)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	3	0.14
(17,1343)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	3	0.14
(17,1343)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	3	0.14
(17,1302)	1:66:A:THR:HG21	1:104:A:PHE:HE1	16	0.14
(17,1302)	1:66:A:THR:HG21	1:104:A:PHE:HE2	16	0.14
(17,1302)	1:66:A:THR:HG22	1:104:A:PHE:HE1	16	0.14
(17,1302)	1:66:A:THR:HG22	1:104:A:PHE:HE2	16	0.14
(17,1302)	1:66:A:THR:HG23	1:104:A:PHE:HE1	16	0.14
(17,1302)	1:66:A:THR:HG23	1:104:A:PHE:HE2	16	0.14
(17,1257)	1:37:A:LEU:H	1:37:A:LEU:HD11	4	0.14
(17,1257)	1:37:A:LEU:H	1:37:A:LEU:HD12	4	0.14
(17,1257)	1:37:A:LEU:H	1:37:A:LEU:HD13	4	0.14
(17,1230)	1:37:A:LEU:HA	1:37:A:LEU:HD21	17	0.14
(17,1230)	1:37:A:LEU:HA	1:37:A:LEU:HD22	17	0.14
(17,1230)	1:37:A:LEU:HA	1:37:A:LEU:HD23	17	0.14
(17,1205)	1:104:A:PHE:HA	1:107:A:LEU:HD21	11	0.14
(17,1205)	1:104:A:PHE:HA	1:107:A:LEU:HD22	11	0.14
(17,1205)	1:104:A:PHE:HA	1:107:A:LEU:HD23	11	0.14
(17,1154)	1:80:A:TYR:HA	1:80:A:TYR:HE1	14	0.14
(17,1154)	1:80:A:TYR:HA	1:80:A:TYR:HE2	14	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1055)	1:111:A:GLU:HA	1:114:A:ILE:HG12	4	0.14
(17,1045)	1:11:A:ILE:HB	1:44:A:GLU:HB2	6	0.14
(17,1045)	1:11:A:ILE:HB	1:44:A:GLU:HB3	6	0.14
(17,1045)	1:11:A:ILE:HB	1:44:A:GLU:HB2	15	0.14
(17,1045)	1:11:A:ILE:HB	1:44:A:GLU:HB3	15	0.14
(17,1021)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	15	0.14
(17,1021)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	15	0.14
(17,961)	1:96:A:VAL:HB	1:97:A:ASP:H	1	0.14
(17,919)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	11	0.14
(17,919)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	11	0.14
(17,918)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	15	0.14
(17,918)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	15	0.14
(17,918)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	15	0.14
(17,854)	1:68:A:LYS:HA	1:68:A:LYS:HE2	17	0.14
(17,854)	1:68:A:LYS:HA	1:68:A:LYS:HE3	17	0.14
(17,844)	1:45:A:ALA:HA	1:48:A:ARG:HD2	11	0.14
(17,844)	1:45:A:ALA:HA	1:48:A:ARG:HD3	11	0.14
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	13	0.14
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	13	0.14
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	13	0.14
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	13	0.14
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	13	0.14
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	13	0.14
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	13	0.14
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	13	0.14
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	13	0.14
(17,704)	1:23:A:LEU:HA	1:25:A:ALA:H	6	0.14
(17,671)	1:116:A:GLN:HG3	1:117:A:VAL:H	2	0.14
(17,671)	1:116:A:GLN:HG3	1:117:A:VAL:H	9	0.14
(17,670)	1:101:A:ILE:HD11	1:116:A:GLN:H	19	0.14
(17,670)	1:101:A:ILE:HD12	1:116:A:GLN:H	19	0.14
(17,670)	1:101:A:ILE:HD13	1:116:A:GLN:H	19	0.14
(17,619)	1:118:A:ASP:HB3	1:120:A:CYS:H	4	0.14
(17,587)	1:74:A:PRO:HD2	1:75:A:GLY:H	5	0.14
(17,587)	1:74:A:PRO:HD2	1:75:A:GLY:H	9	0.14
(17,587)	1:74:A:PRO:HD2	1:75:A:GLY:H	17	0.14
(17,587)	1:74:A:PRO:HD2	1:75:A:GLY:H	18	0.14
(17,550)	1:124:A:THR:H	1:128:A:LEU:HD21	10	0.14
(17,550)	1:124:A:THR:H	1:128:A:LEU:HD22	10	0.14
(17,550)	1:124:A:THR:H	1:128:A:LEU:HD23	10	0.14
(17,550)	1:124:A:THR:H	1:128:A:LEU:HD21	11	0.14
(17,550)	1:124:A:THR:H	1:128:A:LEU:HD22	11	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,550)	1:124:A:THR:H	1:128:A:LEU:HD23	11	0.14
(17,419)	1:125:A:THR:H	1:125:A:THR:HG21	6	0.14
(17,419)	1:125:A:THR:H	1:125:A:THR:HG22	6	0.14
(17,419)	1:125:A:THR:H	1:125:A:THR:HG23	6	0.14
(17,316)	1:56:A:CYS:HA	1:122:A:ASP:H	16	0.14
(17,247)	1:58:A:ILE:H	1:58:A:ILE:HD11	14	0.14
(17,247)	1:58:A:ILE:H	1:58:A:ILE:HD12	14	0.14
(17,247)	1:58:A:ILE:H	1:58:A:ILE:HD13	14	0.14
(17,247)	1:58:A:ILE:H	1:58:A:ILE:HD11	15	0.14
(17,247)	1:58:A:ILE:H	1:58:A:ILE:HD12	15	0.14
(17,247)	1:58:A:ILE:H	1:58:A:ILE:HD13	15	0.14
(17,247)	1:58:A:ILE:H	1:58:A:ILE:HD11	19	0.14
(17,247)	1:58:A:ILE:H	1:58:A:ILE:HD12	19	0.14
(17,247)	1:58:A:ILE:H	1:58:A:ILE:HD13	19	0.14
(17,241)	1:23:A:LEU:HB2	1:24:A:ASP:H	11	0.14
(17,241)	1:23:A:LEU:HB3	1:24:A:ASP:H	11	0.14
(17,233)	1:50:A:ALA:H	1:52:A:CYS:H	10	0.14
(17,229)	1:110:A:MET:HE1	1:114:A:ILE:H	6	0.14
(17,229)	1:110:A:MET:HE2	1:114:A:ILE:H	6	0.14
(17,229)	1:110:A:MET:HE3	1:114:A:ILE:H	6	0.14
(17,176)	1:8:A:ASP:H	1:58:A:ILE:HD11	15	0.14
(17,176)	1:8:A:ASP:H	1:58:A:ILE:HD12	15	0.14
(17,176)	1:8:A:ASP:H	1:58:A:ILE:HD13	15	0.14
(17,144)	1:59:A:CYS:H	1:60:A:LEU:HD21	6	0.14
(17,144)	1:59:A:CYS:H	1:60:A:LEU:HD22	6	0.14
(17,144)	1:59:A:CYS:H	1:60:A:LEU:HD23	6	0.14
(17,58)	1:115:A:ALA:HA	1:117:A:VAL:H	9	0.14
(16,2494)	1:150:A:THR:H	1:151:A:PHE:HB2	14	0.14
(16,2494)	1:150:A:THR:H	1:151:A:PHE:HB3	14	0.14
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD11	2	0.14
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD12	2	0.14
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD13	2	0.14
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD21	2	0.14
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD22	2	0.14
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD23	2	0.14
(16,2388)	1:121:A:VAL:HA	1:123:A:CYS:HB2	16	0.14
(16,2388)	1:121:A:VAL:HA	1:123:A:CYS:HB3	16	0.14
(16,2361)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	16	0.14
(16,2361)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	16	0.14
(16,2361)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	16	0.14
(16,2361)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	16	0.14
(16,2361)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	16	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2361)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	16	0.14
(16,2361)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	16	0.14
(16,2361)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	16	0.14
(16,2361)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	16	0.14
(16,2361)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	16	0.14
(16,2361)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	16	0.14
(16,2361)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	16	0.14
(16,2361)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	16	0.14
(16,2361)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	16	0.14
(16,2361)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	16	0.14
(16,2361)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	16	0.14
(16,2361)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	16	0.14
(16,2361)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	16	0.14
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD11	19	0.14
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD12	19	0.14
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD13	19	0.14
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD21	19	0.14
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD22	19	0.14
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD23	19	0.14
(16,2213)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	19	0.14
(16,2213)	1:63:A:ILE:HG12	1:116:A:GLN:HG3	19	0.14
(16,2094)	1:35:A:LEU:HD11	1:143:A:TRP:HE1	18	0.14
(16,2094)	1:35:A:LEU:HD12	1:143:A:TRP:HE1	18	0.14
(16,2094)	1:35:A:LEU:HD13	1:143:A:TRP:HE1	18	0.14
(16,2094)	1:35:A:LEU:HD21	1:143:A:TRP:HE1	18	0.14
(16,2094)	1:35:A:LEU:HD22	1:143:A:TRP:HE1	18	0.14
(16,2094)	1:35:A:LEU:HD23	1:143:A:TRP:HE1	18	0.14
(16,2088)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	18	0.14
(16,2088)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	18	0.14
(16,2088)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	18	0.14
(16,2088)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	18	0.14
(16,2088)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	18	0.14
(16,2088)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	18	0.14
(16,2088)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	18	0.14
(16,2088)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	18	0.14
(16,2088)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	18	0.14
(16,2088)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	18	0.14
(16,2088)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	18	0.14
(16,2088)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	18	0.14
(16,2068)	1:32:A:GLY:HA2	1:33:A:LYS:H	18	0.14
(16,2068)	1:32:A:GLY:HA3	1:33:A:LYS:H	18	0.14
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	12	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	12	0.14
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	12	0.14
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	12	0.14
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	12	0.14
(16,2065)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	12	0.14
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	12	0.14
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	12	0.14
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	12	0.14
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	12	0.14
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	12	0.14
(16,2065)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	12	0.14
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD11	3	0.14
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD12	3	0.14
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD13	3	0.14
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD21	3	0.14
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD22	3	0.14
(16,2032)	1:22:A:ASP:HA	1:23:A:LEU:HD23	3	0.14
(16,2023)	1:18:A:PHE:HZ	1:60:A:LEU:HD11	14	0.14
(16,2023)	1:18:A:PHE:HZ	1:60:A:LEU:HD12	14	0.14
(16,2023)	1:18:A:PHE:HZ	1:60:A:LEU:HD13	14	0.14
(16,2023)	1:18:A:PHE:HZ	1:60:A:LEU:HD21	14	0.14
(16,2023)	1:18:A:PHE:HZ	1:60:A:LEU:HD22	14	0.14
(16,2023)	1:18:A:PHE:HZ	1:60:A:LEU:HD23	14	0.14
(16,1967)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	8	0.14
(16,1967)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	8	0.14
(16,1967)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	8	0.14
(16,1967)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	8	0.14
(16,1967)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	8	0.14
(16,1967)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	8	0.14
(16,1967)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	8	0.14
(16,1967)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	8	0.14
(16,1967)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	8	0.14
(16,1967)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	8	0.14
(16,1967)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	8	0.14
(16,1967)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	8	0.14
(16,1935)	1:10:A:ASN:HD21	1:13:A:ALA:HB1	15	0.14
(16,1935)	1:10:A:ASN:HD21	1:13:A:ALA:HB2	15	0.14
(16,1935)	1:10:A:ASN:HD21	1:13:A:ALA:HB3	15	0.14
(16,1935)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	15	0.14
(16,1935)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	15	0.14
(16,1935)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	15	0.14
(16,1931)	1:10:A:ASN:HB2	1:61:A:SER:HB2	10	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1931)	1:10:A:ASN:HB2	1:61:A:SER:HB3	10	0.14
(16,1931)	1:10:A:ASN:HB3	1:61:A:SER:HB2	10	0.14
(16,1931)	1:10:A:ASN:HB3	1:61:A:SER:HB3	10	0.14
(16,1862)	1:71:A:LYS:HA	1:72:A:PHE:HD1	19	0.14
(16,1862)	1:71:A:LYS:HA	1:72:A:PHE:HD2	19	0.14
(16,1835)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	19	0.14
(16,1835)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	19	0.14
(16,1831)	1:61:A:SER:HA	1:62:A:HIS:HD2	19	0.14
(16,1828)	1:61:A:SER:H	1:62:A:HIS:HD2	19	0.14
(16,1798)	1:101:A:ILE:HB	1:104:A:PHE:HD1	2	0.14
(16,1798)	1:101:A:ILE:HB	1:104:A:PHE:HD2	2	0.14
(16,1781)	1:72:A:PHE:HD1	1:109:A:PRO:HG3	7	0.14
(16,1781)	1:72:A:PHE:HD2	1:109:A:PRO:HG3	7	0.14
(16,1723)	1:68:A:LYS:HA	1:71:A:LYS:HB2	6	0.14
(16,1722)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	1	0.14
(16,1722)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	1	0.14
(16,1722)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	1	0.14
(16,1695)	1:34:A:LYS:HA	1:35:A:LEU:HB3	7	0.14
(16,1689)	1:14:A:VAL:H	1:43:A:MET:HE1	4	0.14
(16,1689)	1:14:A:VAL:H	1:43:A:MET:HE2	4	0.14
(16,1689)	1:14:A:VAL:H	1:43:A:MET:HE3	4	0.14
(16,1678)	1:69:A:MET:HA	1:109:A:PRO:HA	4	0.14
(16,1622)	1:111:A:GLU:HA	1:114:A:ILE:HG21	4	0.14
(16,1622)	1:111:A:GLU:HA	1:114:A:ILE:HG22	4	0.14
(16,1622)	1:111:A:GLU:HA	1:114:A:ILE:HG23	4	0.14
(16,1618)	1:79:A:THR:H	1:80:A:TYR:HA	1	0.14
(16,1591)	1:120:A:CYS:H	1:121:A:VAL:HG21	10	0.14
(16,1591)	1:120:A:CYS:H	1:121:A:VAL:HG22	10	0.14
(16,1591)	1:120:A:CYS:H	1:121:A:VAL:HG23	10	0.14
(16,1567)	1:101:A:ILE:HD11	1:112:A:GLN:HA	2	0.14
(16,1567)	1:101:A:ILE:HD12	1:112:A:GLN:HA	2	0.14
(16,1567)	1:101:A:ILE:HD13	1:112:A:GLN:HA	2	0.14
(16,1520)	1:69:A:MET:HE1	1:113:A:PHE:HD1	8	0.14
(16,1520)	1:69:A:MET:HE1	1:113:A:PHE:HD2	8	0.14
(16,1520)	1:69:A:MET:HE2	1:113:A:PHE:HD1	8	0.14
(16,1520)	1:69:A:MET:HE2	1:113:A:PHE:HD2	8	0.14
(16,1520)	1:69:A:MET:HE3	1:113:A:PHE:HD1	8	0.14
(16,1520)	1:69:A:MET:HE3	1:113:A:PHE:HD2	8	0.14
(16,1436)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	7	0.14
(16,1436)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	7	0.14
(16,1436)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	7	0.14
(16,1436)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	7	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1436)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	7	0.14
(16,1436)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	7	0.14
(16,1427)	1:69:A:MET:HE1	1:73:A:ILE:HG21	19	0.14
(16,1427)	1:69:A:MET:HE1	1:73:A:ILE:HG22	19	0.14
(16,1427)	1:69:A:MET:HE1	1:73:A:ILE:HG23	19	0.14
(16,1427)	1:69:A:MET:HE2	1:73:A:ILE:HG21	19	0.14
(16,1427)	1:69:A:MET:HE2	1:73:A:ILE:HG22	19	0.14
(16,1427)	1:69:A:MET:HE2	1:73:A:ILE:HG23	19	0.14
(16,1427)	1:69:A:MET:HE3	1:73:A:ILE:HG21	19	0.14
(16,1427)	1:69:A:MET:HE3	1:73:A:ILE:HG22	19	0.14
(16,1427)	1:69:A:MET:HE3	1:73:A:ILE:HG23	19	0.14
(16,1401)	1:11:A:ILE:HG21	1:43:A:MET:HG3	11	0.14
(16,1401)	1:11:A:ILE:HG22	1:43:A:MET:HG3	11	0.14
(16,1401)	1:11:A:ILE:HG23	1:43:A:MET:HG3	11	0.14
(16,1317)	1:66:A:THR:HG21	1:98:A:ILE:HD11	14	0.14
(16,1317)	1:66:A:THR:HG21	1:98:A:ILE:HD12	14	0.14
(16,1317)	1:66:A:THR:HG21	1:98:A:ILE:HD13	14	0.14
(16,1317)	1:66:A:THR:HG22	1:98:A:ILE:HD11	14	0.14
(16,1317)	1:66:A:THR:HG22	1:98:A:ILE:HD12	14	0.14
(16,1317)	1:66:A:THR:HG22	1:98:A:ILE:HD13	14	0.14
(16,1317)	1:66:A:THR:HG23	1:98:A:ILE:HD11	14	0.14
(16,1317)	1:66:A:THR:HG23	1:98:A:ILE:HD12	14	0.14
(16,1317)	1:66:A:THR:HG23	1:98:A:ILE:HD13	14	0.14
(16,1303)	1:11:A:ILE:HA	1:14:A:VAL:HG11	14	0.14
(16,1303)	1:11:A:ILE:HA	1:14:A:VAL:HG12	14	0.14
(16,1303)	1:11:A:ILE:HA	1:14:A:VAL:HG13	14	0.14
(16,1296)	1:66:A:THR:HG21	1:104:A:PHE:HE1	16	0.14
(16,1296)	1:66:A:THR:HG21	1:104:A:PHE:HE2	16	0.14
(16,1296)	1:66:A:THR:HG22	1:104:A:PHE:HE1	16	0.14
(16,1296)	1:66:A:THR:HG22	1:104:A:PHE:HE2	16	0.14
(16,1296)	1:66:A:THR:HG23	1:104:A:PHE:HE1	16	0.14
(16,1296)	1:66:A:THR:HG23	1:104:A:PHE:HE2	16	0.14
(16,1251)	1:37:A:LEU:H	1:37:A:LEU:HD11	4	0.14
(16,1251)	1:37:A:LEU:H	1:37:A:LEU:HD12	4	0.14
(16,1251)	1:37:A:LEU:H	1:37:A:LEU:HD13	4	0.14
(16,1193)	1:107:A:LEU:HD21	1:108:A:GLU:H	15	0.14
(16,1193)	1:107:A:LEU:HD22	1:108:A:GLU:H	15	0.14
(16,1193)	1:107:A:LEU:HD23	1:108:A:GLU:H	15	0.14
(16,1174)	1:101:A:ILE:H	1:119:A:LEU:HD21	5	0.14
(16,1174)	1:101:A:ILE:H	1:119:A:LEU:HD22	5	0.14
(16,1174)	1:101:A:ILE:H	1:119:A:LEU:HD23	5	0.14
(16,1167)	1:150:A:THR:HG21	1:151:A:PHE:HA	9	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1167)	1:150:A:THR:HG22	1:151:A:PHE:HA	9	0.14
(16,1167)	1:150:A:THR:HG23	1:151:A:PHE:HA	9	0.14
(16,1136)	1:40:A:LEU:HA	1:43:A:MET:HG3	14	0.14
(16,1096)	1:101:A:ILE:HG21	1:112:A:GLN:HA	10	0.14
(16,1096)	1:101:A:ILE:HG22	1:112:A:GLN:HA	10	0.14
(16,1096)	1:101:A:ILE:HG23	1:112:A:GLN:HA	10	0.14
(16,1065)	1:111:A:GLU:HA	1:114:A:ILE:HG12	4	0.14
(16,1013)	1:35:A:LEU:HG	1:143:A:TRP:HB3	7	0.14
(16,948)	1:117:A:VAL:HA	1:119:A:LEU:H	9	0.14
(16,913)	1:20:A:THR:H	1:21:A:THR:HB	13	0.14
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD11	9	0.14
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD12	9	0.14
(16,843)	1:111:A:GLU:HG2	1:114:A:ILE:HD13	9	0.14
(16,806)	1:11:A:ILE:HD11	1:47:A:ALA:HB1	13	0.14
(16,806)	1:11:A:ILE:HD11	1:47:A:ALA:HB2	13	0.14
(16,806)	1:11:A:ILE:HD11	1:47:A:ALA:HB3	13	0.14
(16,806)	1:11:A:ILE:HD12	1:47:A:ALA:HB1	13	0.14
(16,806)	1:11:A:ILE:HD12	1:47:A:ALA:HB2	13	0.14
(16,806)	1:11:A:ILE:HD12	1:47:A:ALA:HB3	13	0.14
(16,806)	1:11:A:ILE:HD13	1:47:A:ALA:HB1	13	0.14
(16,806)	1:11:A:ILE:HD13	1:47:A:ALA:HB2	13	0.14
(16,806)	1:11:A:ILE:HD13	1:47:A:ALA:HB3	13	0.14
(16,711)	1:23:A:LEU:HA	1:25:A:ALA:H	6	0.14
(16,708)	1:46:A:ASN:HB3	1:134:A:VAL:H	12	0.14
(16,681)	1:120:A:CYS:H	1:121:A:VAL:HG11	3	0.14
(16,681)	1:120:A:CYS:H	1:121:A:VAL:HG12	3	0.14
(16,681)	1:120:A:CYS:H	1:121:A:VAL:HG13	3	0.14
(16,679)	1:101:A:ILE:HD11	1:116:A:GLN:H	19	0.14
(16,679)	1:101:A:ILE:HD12	1:116:A:GLN:H	19	0.14
(16,679)	1:101:A:ILE:HD13	1:116:A:GLN:H	19	0.14
(16,585)	1:127:A:CYS:HB2	1:130:A:GLY:H	9	0.14
(16,585)	1:127:A:CYS:HB2	1:130:A:GLY:H	19	0.14
(16,583)	1:116:A:GLN:HB2	1:116:A:GLN:HE22	7	0.14
(16,583)	1:116:A:GLN:HB3	1:116:A:GLN:HE22	7	0.14
(16,557)	1:73:A:ILE:HD11	1:110:A:MET:H	4	0.14
(16,557)	1:73:A:ILE:HD12	1:110:A:MET:H	4	0.14
(16,557)	1:73:A:ILE:HD13	1:110:A:MET:H	4	0.14
(16,557)	1:73:A:ILE:HD11	1:110:A:MET:H	15	0.14
(16,557)	1:73:A:ILE:HD12	1:110:A:MET:H	15	0.14
(16,557)	1:73:A:ILE:HD13	1:110:A:MET:H	15	0.14
(16,324)	1:56:A:CYS:HA	1:122:A:ASP:H	16	0.14
(16,287)	1:73:A:ILE:HD11	1:112:A:GLN:H	1	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,287)	1:73:A:ILE:HD12	1:112:A:GLN:H	1	0.14
(16,287)	1:73:A:ILE:HD13	1:112:A:GLN:H	1	0.14
(16,256)	1:58:A:ILE:H	1:58:A:ILE:HD11	14	0.14
(16,256)	1:58:A:ILE:H	1:58:A:ILE:HD12	14	0.14
(16,256)	1:58:A:ILE:H	1:58:A:ILE:HD13	14	0.14
(16,256)	1:58:A:ILE:H	1:58:A:ILE:HD11	15	0.14
(16,256)	1:58:A:ILE:H	1:58:A:ILE:HD12	15	0.14
(16,256)	1:58:A:ILE:H	1:58:A:ILE:HD13	15	0.14
(16,256)	1:58:A:ILE:H	1:58:A:ILE:HD11	19	0.14
(16,256)	1:58:A:ILE:H	1:58:A:ILE:HD12	19	0.14
(16,256)	1:58:A:ILE:H	1:58:A:ILE:HD13	19	0.14
(16,251)	1:23:A:LEU:HD21	1:24:A:ASP:H	15	0.14
(16,251)	1:23:A:LEU:HD22	1:24:A:ASP:H	15	0.14
(16,251)	1:23:A:LEU:HD23	1:24:A:ASP:H	15	0.14
(16,241)	1:50:A:ALA:H	1:52:A:CYS:H	10	0.14
(16,237)	1:110:A:MET:HE1	1:114:A:ILE:H	6	0.14
(16,237)	1:110:A:MET:HE2	1:114:A:ILE:H	6	0.14
(16,237)	1:110:A:MET:HE3	1:114:A:ILE:H	6	0.14
(16,152)	1:131:A:LEU:H	1:131:A:LEU:HG	15	0.14
(16,129)	1:42:A:GLU:H	1:42:A:GLU:HB3	18	0.14
(16,59)	1:34:A:LYS:H	1:81:A:GLU:H	7	0.14
(16,47)	1:44:A:GLU:HB2	1:47:A:ALA:H	4	0.14
(16,47)	1:44:A:GLU:HB3	1:47:A:ALA:H	4	0.14
(16,33)	1:96:A:VAL:H	1:97:A:ASP:HB2	18	0.14
(16,33)	1:96:A:VAL:H	1:97:A:ASP:HB3	18	0.14
(15,2505)	1:150:A:THR:H	1:151:A:PHE:HB2	14	0.14
(15,2505)	1:150:A:THR:H	1:151:A:PHE:HB3	14	0.14
(15,2465)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	1	0.14
(15,2465)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	1	0.14
(15,2465)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	1	0.14
(15,2465)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	1	0.14
(15,2465)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	1	0.14
(15,2465)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	1	0.14
(15,2284)	1:98:A:ILE:HB	1:119:A:LEU:HD11	8	0.14
(15,2284)	1:98:A:ILE:HB	1:119:A:LEU:HD12	8	0.14
(15,2284)	1:98:A:ILE:HB	1:119:A:LEU:HD13	8	0.14
(15,2284)	1:98:A:ILE:HB	1:119:A:LEU:HD21	8	0.14
(15,2284)	1:98:A:ILE:HB	1:119:A:LEU:HD22	8	0.14
(15,2284)	1:98:A:ILE:HB	1:119:A:LEU:HD23	8	0.14
(15,2279)	1:96:A:VAL:HG11	1:116:A:GLN:HG2	5	0.14
(15,2279)	1:96:A:VAL:HG12	1:116:A:GLN:HG2	5	0.14
(15,2279)	1:96:A:VAL:HG13	1:116:A:GLN:HG2	5	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2279)	1:96:A:VAL:HG21	1:116:A:GLN:HG2	5	0.14
(15,2279)	1:96:A:VAL:HG22	1:116:A:GLN:HG2	5	0.14
(15,2279)	1:96:A:VAL:HG23	1:116:A:GLN:HG2	5	0.14
(15,2259)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	5	0.14
(15,2259)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	5	0.14
(15,2259)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	5	0.14
(15,2259)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	5	0.14
(15,2218)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	12	0.14
(15,2218)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	12	0.14
(15,2196)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	8	0.14
(15,2196)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	8	0.14
(15,2196)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	8	0.14
(15,2196)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	8	0.14
(15,2196)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	8	0.14
(15,2196)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	8	0.14
(15,2196)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	15	0.14
(15,2196)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	15	0.14
(15,2196)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	15	0.14
(15,2196)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	15	0.14
(15,2196)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	15	0.14
(15,2196)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	15	0.14
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD11	14	0.14
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD12	14	0.14
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD13	14	0.14
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD21	14	0.14
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD22	14	0.14
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD23	14	0.14
(15,2115)	1:43:A:MET:H	1:43:A:MET:HG2	14	0.14
(15,2115)	1:43:A:MET:H	1:43:A:MET:HG3	14	0.14
(15,2092)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	19	0.14
(15,2092)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	19	0.14
(15,2092)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	19	0.14
(15,2092)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	19	0.14
(15,2092)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	19	0.14
(15,2092)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	19	0.14
(15,2056)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	3	0.14
(15,2056)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	3	0.14
(15,2056)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	3	0.14
(15,2056)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	3	0.14
(15,2056)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	3	0.14
(15,2056)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	3	0.14
(15,2055)	1:35:A:LEU:HD11	1:143:A:TRP:HE1	18	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2055)	1:35:A:LEU:HD12	1:143:A:TRP:HE1	18	0.14
(15,2055)	1:35:A:LEU:HD13	1:143:A:TRP:HE1	18	0.14
(15,2055)	1:35:A:LEU:HD21	1:143:A:TRP:HE1	18	0.14
(15,2055)	1:35:A:LEU:HD22	1:143:A:TRP:HE1	18	0.14
(15,2055)	1:35:A:LEU:HD23	1:143:A:TRP:HE1	18	0.14
(15,2053)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	9	0.14
(15,2053)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	9	0.14
(15,2053)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	9	0.14
(15,2053)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	9	0.14
(15,2053)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	9	0.14
(15,2053)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	9	0.14
(15,2014)	1:23:A:LEU:HD11	1:25:A:ALA:H	11	0.14
(15,2014)	1:23:A:LEU:HD12	1:25:A:ALA:H	11	0.14
(15,2014)	1:23:A:LEU:HD13	1:25:A:ALA:H	11	0.14
(15,2014)	1:23:A:LEU:HD21	1:25:A:ALA:H	11	0.14
(15,2014)	1:23:A:LEU:HD22	1:25:A:ALA:H	11	0.14
(15,2014)	1:23:A:LEU:HD23	1:25:A:ALA:H	11	0.14
(15,1998)	1:18:A:PHE:HE1	1:57:A:LEU:HD11	1	0.14
(15,1998)	1:18:A:PHE:HE1	1:57:A:LEU:HD12	1	0.14
(15,1998)	1:18:A:PHE:HE1	1:57:A:LEU:HD13	1	0.14
(15,1998)	1:18:A:PHE:HE1	1:57:A:LEU:HD21	1	0.14
(15,1998)	1:18:A:PHE:HE1	1:57:A:LEU:HD22	1	0.14
(15,1998)	1:18:A:PHE:HE1	1:57:A:LEU:HD23	1	0.14
(15,1998)	1:18:A:PHE:HE2	1:57:A:LEU:HD11	1	0.14
(15,1998)	1:18:A:PHE:HE2	1:57:A:LEU:HD12	1	0.14
(15,1998)	1:18:A:PHE:HE2	1:57:A:LEU:HD13	1	0.14
(15,1998)	1:18:A:PHE:HE2	1:57:A:LEU:HD21	1	0.14
(15,1998)	1:18:A:PHE:HE2	1:57:A:LEU:HD22	1	0.14
(15,1998)	1:18:A:PHE:HE2	1:57:A:LEU:HD23	1	0.14
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	17	0.14
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	17	0.14
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	17	0.14
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	17	0.14
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	17	0.14
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	17	0.14
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	17	0.14
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	17	0.14
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	17	0.14
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	17	0.14
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	17	0.14
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	17	0.14
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	17	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	17	0.14
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	17	0.14
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	17	0.14
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	17	0.14
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	17	0.14
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	17	0.14
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	17	0.14
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	17	0.14
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	17	0.14
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	17	0.14
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	17	0.14
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	17	0.14
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	17	0.14
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	17	0.14
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	17	0.14
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	17	0.14
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	17	0.14
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	17	0.14
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	17	0.14
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	17	0.14
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	17	0.14
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	17	0.14
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	17	0.14
(15,1938)	1:11:A:ILE:HG12	1:57:A:LEU:HD11	18	0.14
(15,1938)	1:11:A:ILE:HG12	1:57:A:LEU:HD12	18	0.14
(15,1938)	1:11:A:ILE:HG12	1:57:A:LEU:HD13	18	0.14
(15,1938)	1:11:A:ILE:HG12	1:57:A:LEU:HD21	18	0.14
(15,1938)	1:11:A:ILE:HG12	1:57:A:LEU:HD22	18	0.14
(15,1938)	1:11:A:ILE:HG12	1:57:A:LEU:HD23	18	0.14
(15,1903)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	11	0.14
(15,1903)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	11	0.14
(15,1903)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	11	0.14
(15,1903)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	11	0.14
(15,1903)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	11	0.14
(15,1903)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	11	0.14
(15,1891)	1:58:A:ILE:HA	1:62:A:HIS:HE1	17	0.14
(15,1858)	1:71:A:LYS:HA	1:72:A:PHE:HD1	19	0.14
(15,1858)	1:71:A:LYS:HA	1:72:A:PHE:HD2	19	0.14
(15,1831)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	19	0.14
(15,1831)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	19	0.14
(15,1822)	1:61:A:SER:H	1:62:A:HIS:HD2	19	0.14
(15,1812)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	7	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1812)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	15	0.14
(15,1808)	1:9:A:PHE:HZ	1:54:A:ARG:HA	15	0.14
(15,1792)	1:101:A:ILE:HB	1:104:A:PHE:HD1	2	0.14
(15,1792)	1:101:A:ILE:HB	1:104:A:PHE:HD2	2	0.14
(15,1751)	1:57:A:LEU:HG	1:60:A:LEU:HG	1	0.14
(15,1733)	1:31:A:PRO:HB2	1:35:A:LEU:HD11	3	0.14
(15,1733)	1:31:A:PRO:HB2	1:35:A:LEU:HD12	3	0.14
(15,1733)	1:31:A:PRO:HB2	1:35:A:LEU:HD13	3	0.14
(15,1733)	1:31:A:PRO:HB3	1:35:A:LEU:HD11	3	0.14
(15,1733)	1:31:A:PRO:HB3	1:35:A:LEU:HD12	3	0.14
(15,1733)	1:31:A:PRO:HB3	1:35:A:LEU:HD13	3	0.14
(15,1717)	1:68:A:LYS:HA	1:71:A:LYS:HB2	6	0.14
(15,1696)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	12	0.14
(15,1680)	1:69:A:MET:HA	1:109:A:PRO:HA	4	0.14
(15,1620)	1:79:A:THR:H	1:80:A:TYR:HA	1	0.14
(15,1602)	1:105:A:LYS:H	1:107:A:LEU:HD21	13	0.14
(15,1602)	1:105:A:LYS:H	1:107:A:LEU:HD22	13	0.14
(15,1602)	1:105:A:LYS:H	1:107:A:LEU:HD23	13	0.14
(15,1599)	1:73:A:ILE:HG21	1:76:A:ARG:H	2	0.14
(15,1599)	1:73:A:ILE:HG22	1:76:A:ARG:H	2	0.14
(15,1599)	1:73:A:ILE:HG23	1:76:A:ARG:H	2	0.14
(15,1590)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	7	0.14
(15,1590)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	7	0.14
(15,1590)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	7	0.14
(15,1560)	1:11:A:ILE:HD11	1:14:A:VAL:H	5	0.14
(15,1560)	1:11:A:ILE:HD12	1:14:A:VAL:H	5	0.14
(15,1560)	1:11:A:ILE:HD13	1:14:A:VAL:H	5	0.14
(15,1512)	1:69:A:MET:HE1	1:113:A:PHE:HD1	8	0.14
(15,1512)	1:69:A:MET:HE1	1:113:A:PHE:HD2	8	0.14
(15,1512)	1:69:A:MET:HE2	1:113:A:PHE:HD1	8	0.14
(15,1512)	1:69:A:MET:HE2	1:113:A:PHE:HD2	8	0.14
(15,1512)	1:69:A:MET:HE3	1:113:A:PHE:HD1	8	0.14
(15,1512)	1:69:A:MET:HE3	1:113:A:PHE:HD2	8	0.14
(15,1431)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	1	0.14
(15,1431)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	1	0.14
(15,1431)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	1	0.14
(15,1431)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	1	0.14
(15,1431)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	1	0.14
(15,1431)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	1	0.14
(15,1358)	1:120:A:CYS:HA	1:121:A:VAL:HG11	17	0.14
(15,1358)	1:120:A:CYS:HA	1:121:A:VAL:HG12	17	0.14
(15,1358)	1:120:A:CYS:HA	1:121:A:VAL:HG13	17	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1345)	1:125:A:THR:HG21	1:128:A:LEU:HB2	5	0.14
(15,1345)	1:125:A:THR:HG22	1:128:A:LEU:HB2	5	0.14
(15,1345)	1:125:A:THR:HG23	1:128:A:LEU:HB2	5	0.14
(15,1345)	1:125:A:THR:HG21	1:128:A:LEU:HB2	17	0.14
(15,1345)	1:125:A:THR:HG22	1:128:A:LEU:HB2	17	0.14
(15,1345)	1:125:A:THR:HG23	1:128:A:LEU:HB2	17	0.14
(15,1313)	1:66:A:THR:HG21	1:98:A:ILE:HD11	14	0.14
(15,1313)	1:66:A:THR:HG21	1:98:A:ILE:HD12	14	0.14
(15,1313)	1:66:A:THR:HG21	1:98:A:ILE:HD13	14	0.14
(15,1313)	1:66:A:THR:HG22	1:98:A:ILE:HD11	14	0.14
(15,1313)	1:66:A:THR:HG22	1:98:A:ILE:HD12	14	0.14
(15,1313)	1:66:A:THR:HG22	1:98:A:ILE:HD13	14	0.14
(15,1313)	1:66:A:THR:HG23	1:98:A:ILE:HD11	14	0.14
(15,1313)	1:66:A:THR:HG23	1:98:A:ILE:HD12	14	0.14
(15,1313)	1:66:A:THR:HG23	1:98:A:ILE:HD13	14	0.14
(15,1290)	1:66:A:THR:HG21	1:70:A:LYS:H	7	0.14
(15,1290)	1:66:A:THR:HG22	1:70:A:LYS:H	7	0.14
(15,1290)	1:66:A:THR:HG23	1:70:A:LYS:H	7	0.14
(15,1248)	1:37:A:LEU:H	1:37:A:LEU:HD11	4	0.14
(15,1248)	1:37:A:LEU:H	1:37:A:LEU:HD12	4	0.14
(15,1248)	1:37:A:LEU:H	1:37:A:LEU:HD13	4	0.14
(15,1230)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	13	0.14
(15,1230)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	13	0.14
(15,1230)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	13	0.14
(15,1220)	1:37:A:LEU:HA	1:37:A:LEU:HD21	17	0.14
(15,1220)	1:37:A:LEU:HA	1:37:A:LEU:HD22	17	0.14
(15,1220)	1:37:A:LEU:HA	1:37:A:LEU:HD23	17	0.14
(15,1191)	1:107:A:LEU:H	1:107:A:LEU:HD21	4	0.14
(15,1191)	1:107:A:LEU:H	1:107:A:LEU:HD22	4	0.14
(15,1191)	1:107:A:LEU:H	1:107:A:LEU:HD23	4	0.14
(15,1187)	1:107:A:LEU:HD21	1:108:A:GLU:H	15	0.14
(15,1187)	1:107:A:LEU:HD22	1:108:A:GLU:H	15	0.14
(15,1187)	1:107:A:LEU:HD23	1:108:A:GLU:H	15	0.14
(15,1177)	1:128:A:LEU:HD21	1:129:A:LYS:H	8	0.14
(15,1177)	1:128:A:LEU:HD22	1:129:A:LYS:H	8	0.14
(15,1177)	1:128:A:LEU:HD23	1:129:A:LYS:H	8	0.14
(15,1160)	1:150:A:THR:HG21	1:151:A:PHE:HA	9	0.14
(15,1160)	1:150:A:THR:HG22	1:151:A:PHE:HA	9	0.14
(15,1160)	1:150:A:THR:HG23	1:151:A:PHE:HA	9	0.14
(15,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE1	14	0.14
(15,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE2	14	0.14
(15,1141)	1:80:A:TYR:HA	1:80:A:TYR:HD1	8	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1141)	1:80:A:TYR:HA	1:80:A:TYR:HD2	8	0.14
(15,1071)	1:140:A:LEU:H	1:140:A:LEU:HG	18	0.14
(15,995)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	12	0.14
(15,995)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	12	0.14
(15,948)	1:40:A:LEU:HA	1:43:A:MET:HG2	10	0.14
(15,894)	1:69:A:MET:HE1	1:73:A:ILE:HB	4	0.14
(15,894)	1:69:A:MET:HE2	1:73:A:ILE:HB	4	0.14
(15,894)	1:69:A:MET:HE3	1:73:A:ILE:HB	4	0.14
(15,883)	1:151:A:PHE:H	1:151:A:PHE:HB3	7	0.14
(15,848)	1:68:A:LYS:HA	1:68:A:LYS:HE2	17	0.14
(15,848)	1:68:A:LYS:HA	1:68:A:LYS:HE3	17	0.14
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD11	4	0.14
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD12	4	0.14
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD13	4	0.14
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD11	9	0.14
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD12	9	0.14
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD13	9	0.14
(15,813)	1:98:A:ILE:HD11	1:104:A:PHE:HD1	5	0.14
(15,813)	1:98:A:ILE:HD11	1:104:A:PHE:HD2	5	0.14
(15,813)	1:98:A:ILE:HD12	1:104:A:PHE:HD1	5	0.14
(15,813)	1:98:A:ILE:HD12	1:104:A:PHE:HD2	5	0.14
(15,813)	1:98:A:ILE:HD13	1:104:A:PHE:HD1	5	0.14
(15,813)	1:98:A:ILE:HD13	1:104:A:PHE:HD2	5	0.14
(15,813)	1:98:A:ILE:HD11	1:104:A:PHE:HD1	8	0.14
(15,813)	1:98:A:ILE:HD11	1:104:A:PHE:HD2	8	0.14
(15,813)	1:98:A:ILE:HD12	1:104:A:PHE:HD1	8	0.14
(15,813)	1:98:A:ILE:HD12	1:104:A:PHE:HD2	8	0.14
(15,813)	1:98:A:ILE:HD13	1:104:A:PHE:HD1	8	0.14
(15,813)	1:98:A:ILE:HD13	1:104:A:PHE:HD2	8	0.14
(15,813)	1:98:A:ILE:HD11	1:104:A:PHE:HD1	14	0.14
(15,813)	1:98:A:ILE:HD11	1:104:A:PHE:HD2	14	0.14
(15,813)	1:98:A:ILE:HD12	1:104:A:PHE:HD1	14	0.14
(15,813)	1:98:A:ILE:HD12	1:104:A:PHE:HD2	14	0.14
(15,813)	1:98:A:ILE:HD13	1:104:A:PHE:HD1	14	0.14
(15,813)	1:98:A:ILE:HD13	1:104:A:PHE:HD2	14	0.14
(15,798)	1:63:A:ILE:HD11	1:69:A:MET:HE1	7	0.14
(15,798)	1:63:A:ILE:HD11	1:69:A:MET:HE2	7	0.14
(15,798)	1:63:A:ILE:HD11	1:69:A:MET:HE3	7	0.14
(15,798)	1:63:A:ILE:HD12	1:69:A:MET:HE1	7	0.14
(15,798)	1:63:A:ILE:HD12	1:69:A:MET:HE2	7	0.14
(15,798)	1:63:A:ILE:HD12	1:69:A:MET:HE3	7	0.14
(15,798)	1:63:A:ILE:HD13	1:69:A:MET:HE1	7	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,798)	1:63:A:ILE:HD13	1:69:A:MET:HE2	7	0.14
(15,798)	1:63:A:ILE:HD13	1:69:A:MET:HE3	7	0.14
(15,760)	1:141:A:LYS:H	1:143:A:TRP:HB2	17	0.14
(15,704)	1:23:A:LEU:HA	1:25:A:ALA:H	6	0.14
(15,674)	1:101:A:ILE:HD11	1:116:A:GLN:H	19	0.14
(15,674)	1:101:A:ILE:HD12	1:116:A:GLN:H	19	0.14
(15,674)	1:101:A:ILE:HD13	1:116:A:GLN:H	19	0.14
(15,627)	1:118:A:ASP:HB3	1:120:A:CYS:H	4	0.14
(15,625)	1:118:A:ASP:H	1:120:A:CYS:H	4	0.14
(15,493)	1:105:A:LYS:H	1:107:A:LEU:H	7	0.14
(15,448)	1:76:A:ARG:H	1:77:A:CYS:HB2	6	0.14
(15,448)	1:76:A:ARG:H	1:77:A:CYS:HB2	9	0.14
(15,426)	1:125:A:THR:H	1:125:A:THR:HG21	6	0.14
(15,426)	1:125:A:THR:H	1:125:A:THR:HG22	6	0.14
(15,426)	1:125:A:THR:H	1:125:A:THR:HG23	6	0.14
(15,339)	1:57:A:LEU:H	1:58:A:ILE:HB	11	0.14
(15,339)	1:57:A:LEU:H	1:58:A:ILE:HB	15	0.14
(15,255)	1:58:A:ILE:H	1:58:A:ILE:HD11	14	0.14
(15,255)	1:58:A:ILE:H	1:58:A:ILE:HD12	14	0.14
(15,255)	1:58:A:ILE:H	1:58:A:ILE:HD13	14	0.14
(15,255)	1:58:A:ILE:H	1:58:A:ILE:HD11	15	0.14
(15,255)	1:58:A:ILE:H	1:58:A:ILE:HD12	15	0.14
(15,255)	1:58:A:ILE:H	1:58:A:ILE:HD13	15	0.14
(15,255)	1:58:A:ILE:H	1:58:A:ILE:HD11	19	0.14
(15,255)	1:58:A:ILE:H	1:58:A:ILE:HD12	19	0.14
(15,255)	1:58:A:ILE:H	1:58:A:ILE:HD13	19	0.14
(15,241)	1:50:A:ALA:H	1:52:A:CYS:H	10	0.14
(15,238)	1:110:A:MET:HE1	1:114:A:ILE:H	6	0.14
(15,238)	1:110:A:MET:HE2	1:114:A:ILE:H	6	0.14
(15,238)	1:110:A:MET:HE3	1:114:A:ILE:H	6	0.14
(15,215)	1:98:A:ILE:HD11	1:101:A:ILE:H	4	0.14
(15,215)	1:98:A:ILE:HD12	1:101:A:ILE:H	4	0.14
(15,215)	1:98:A:ILE:HD13	1:101:A:ILE:H	4	0.14
(15,215)	1:98:A:ILE:HD11	1:101:A:ILE:H	7	0.14
(15,215)	1:98:A:ILE:HD12	1:101:A:ILE:H	7	0.14
(15,215)	1:98:A:ILE:HD13	1:101:A:ILE:H	7	0.14
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB1	3	0.14
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB2	3	0.14
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB3	3	0.14
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB1	4	0.14
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB2	4	0.14
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB3	4	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB1	19	0.14
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB2	19	0.14
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB3	19	0.14
(15,182)	1:8:A:ASP:H	1:58:A:ILE:HD11	15	0.14
(15,182)	1:8:A:ASP:H	1:58:A:ILE:HD12	15	0.14
(15,182)	1:8:A:ASP:H	1:58:A:ILE:HD13	15	0.14
(13,2471)	1:150:A:THR:H	1:151:A:PHE:HB2	14	0.14
(13,2471)	1:150:A:THR:H	1:151:A:PHE:HB3	14	0.14
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD11	6	0.14
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD12	6	0.14
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD13	6	0.14
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD21	6	0.14
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD22	6	0.14
(13,2419)	1:136:A:CYS:HA	1:140:A:LEU:HD23	6	0.14
(13,2395)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	18	0.14
(13,2395)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	18	0.14
(13,2243)	1:76:A:ARG:H	1:77:A:CYS:HB2	17	0.14
(13,2243)	1:76:A:ARG:H	1:77:A:CYS:HB3	17	0.14
(13,2217)	1:69:A:MET:HG2	1:73:A:ILE:HD11	10	0.14
(13,2217)	1:69:A:MET:HG2	1:73:A:ILE:HD12	10	0.14
(13,2217)	1:69:A:MET:HG2	1:73:A:ILE:HD13	10	0.14
(13,2217)	1:69:A:MET:HG3	1:73:A:ILE:HD11	10	0.14
(13,2217)	1:69:A:MET:HG3	1:73:A:ILE:HD12	10	0.14
(13,2217)	1:69:A:MET:HG3	1:73:A:ILE:HD13	10	0.14
(13,2206)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	12	0.14
(13,2206)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	12	0.14
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG11	11	0.14
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG12	11	0.14
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG13	11	0.14
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG21	11	0.14
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG22	11	0.14
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG23	11	0.14
(13,2198)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	1	0.14
(13,2198)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	1	0.14
(13,2198)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	1	0.14
(13,2198)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	1	0.14
(13,2141)	1:54:A:ARG:HB2	1:58:A:ILE:HD11	17	0.14
(13,2141)	1:54:A:ARG:HB2	1:58:A:ILE:HD12	17	0.14
(13,2141)	1:54:A:ARG:HB2	1:58:A:ILE:HD13	17	0.14
(13,2141)	1:54:A:ARG:HB3	1:58:A:ILE:HD11	17	0.14
(13,2141)	1:54:A:ARG:HB3	1:58:A:ILE:HD12	17	0.14
(13,2141)	1:54:A:ARG:HB3	1:58:A:ILE:HD13	17	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2080)	1:40:A:LEU:HD11	1:43:A:MET:HB3	19	0.14
(13,2080)	1:40:A:LEU:HD12	1:43:A:MET:HB3	19	0.14
(13,2080)	1:40:A:LEU:HD13	1:43:A:MET:HB3	19	0.14
(13,2080)	1:40:A:LEU:HD21	1:43:A:MET:HB3	19	0.14
(13,2080)	1:40:A:LEU:HD22	1:43:A:MET:HB3	19	0.14
(13,2080)	1:40:A:LEU:HD23	1:43:A:MET:HB3	19	0.14
(13,2038)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	18	0.14
(13,2038)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	18	0.14
(13,2038)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	18	0.14
(13,2038)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	18	0.14
(13,2038)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	18	0.14
(13,2038)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	18	0.14
(13,2037)	1:35:A:LEU:HD11	1:143:A:TRP:HE1	18	0.14
(13,2037)	1:35:A:LEU:HD12	1:143:A:TRP:HE1	18	0.14
(13,2037)	1:35:A:LEU:HD13	1:143:A:TRP:HE1	18	0.14
(13,2037)	1:35:A:LEU:HD21	1:143:A:TRP:HE1	18	0.14
(13,2037)	1:35:A:LEU:HD22	1:143:A:TRP:HE1	18	0.14
(13,2037)	1:35:A:LEU:HD23	1:143:A:TRP:HE1	18	0.14
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD11	17	0.14
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD12	17	0.14
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD13	17	0.14
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD21	17	0.14
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD22	17	0.14
(13,2010)	1:27:A:ARG:HE	1:30:A:LEU:HD23	17	0.14
(13,1904)	1:10:A:ASN:HD21	1:13:A:ALA:HB1	15	0.14
(13,1904)	1:10:A:ASN:HD21	1:13:A:ALA:HB2	15	0.14
(13,1904)	1:10:A:ASN:HD21	1:13:A:ALA:HB3	15	0.14
(13,1904)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	15	0.14
(13,1904)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	15	0.14
(13,1904)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	15	0.14
(13,1874)	1:58:A:ILE:HB	1:62:A:HIS:HE1	10	0.14
(13,1834)	1:71:A:LYS:HA	1:72:A:PHE:HD1	19	0.14
(13,1834)	1:71:A:LYS:HA	1:72:A:PHE:HD2	19	0.14
(13,1811)	1:9:A:PHE:HD1	1:58:A:ILE:H	6	0.14
(13,1811)	1:9:A:PHE:HD2	1:58:A:ILE:H	6	0.14
(13,1811)	1:9:A:PHE:HD1	1:58:A:ILE:H	15	0.14
(13,1811)	1:9:A:PHE:HD2	1:58:A:ILE:H	15	0.14
(13,1783)	1:9:A:PHE:HZ	1:54:A:ARG:HA	7	0.14
(13,1675)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	12	0.14
(13,1674)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	1	0.14
(13,1674)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	1	0.14
(13,1602)	1:111:A:GLU:HA	1:114:A:ILE:HG21	4	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1602)	1:111:A:GLU:HA	1:114:A:ILE:HG22	4	0.14
(13,1602)	1:111:A:GLU:HA	1:114:A:ILE:HG23	4	0.14
(13,1598)	1:79:A:THR:H	1:80:A:TYR:HA	1	0.14
(13,1587)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	7	0.14
(13,1587)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	7	0.14
(13,1587)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	7	0.14
(13,1575)	1:73:A:ILE:HG21	1:76:A:ARG:H	2	0.14
(13,1575)	1:73:A:ILE:HG22	1:76:A:ARG:H	2	0.14
(13,1575)	1:73:A:ILE:HG23	1:76:A:ARG:H	2	0.14
(13,1551)	1:101:A:ILE:HD11	1:112:A:GLN:HA	2	0.14
(13,1551)	1:101:A:ILE:HD12	1:112:A:GLN:HA	2	0.14
(13,1551)	1:101:A:ILE:HD13	1:112:A:GLN:HA	2	0.14
(13,1517)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	5	0.14
(13,1517)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	5	0.14
(13,1517)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	5	0.14
(13,1502)	1:66:A:THR:HG21	1:69:A:MET:HE1	9	0.14
(13,1502)	1:66:A:THR:HG21	1:69:A:MET:HE2	9	0.14
(13,1502)	1:66:A:THR:HG21	1:69:A:MET:HE3	9	0.14
(13,1502)	1:66:A:THR:HG22	1:69:A:MET:HE1	9	0.14
(13,1502)	1:66:A:THR:HG22	1:69:A:MET:HE2	9	0.14
(13,1502)	1:66:A:THR:HG22	1:69:A:MET:HE3	9	0.14
(13,1502)	1:66:A:THR:HG23	1:69:A:MET:HE1	9	0.14
(13,1502)	1:66:A:THR:HG23	1:69:A:MET:HE2	9	0.14
(13,1502)	1:66:A:THR:HG23	1:69:A:MET:HE3	9	0.14
(13,1493)	1:69:A:MET:HE1	1:113:A:PHE:HD1	8	0.14
(13,1493)	1:69:A:MET:HE1	1:113:A:PHE:HD2	8	0.14
(13,1493)	1:69:A:MET:HE2	1:113:A:PHE:HD1	8	0.14
(13,1493)	1:69:A:MET:HE2	1:113:A:PHE:HD2	8	0.14
(13,1493)	1:69:A:MET:HE3	1:113:A:PHE:HD1	8	0.14
(13,1493)	1:69:A:MET:HE3	1:113:A:PHE:HD2	8	0.14
(13,1490)	1:69:A:MET:HE1	1:116:A:GLN:HE21	11	0.14
(13,1490)	1:69:A:MET:HE2	1:116:A:GLN:HE21	11	0.14
(13,1490)	1:69:A:MET:HE3	1:116:A:GLN:HE21	11	0.14
(13,1443)	1:45:A:ALA:HB1	1:47:A:ALA:H	3	0.14
(13,1443)	1:45:A:ALA:HB2	1:47:A:ALA:H	3	0.14
(13,1443)	1:45:A:ALA:HB3	1:47:A:ALA:H	3	0.14
(13,1407)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	1	0.14
(13,1407)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	1	0.14
(13,1407)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	1	0.14
(13,1407)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	1	0.14
(13,1407)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	1	0.14
(13,1407)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	1	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1385)	1:100:A:ALA:HB1	1:119:A:LEU:HD11	6	0.14
(13,1385)	1:100:A:ALA:HB1	1:119:A:LEU:HD12	6	0.14
(13,1385)	1:100:A:ALA:HB1	1:119:A:LEU:HD13	6	0.14
(13,1385)	1:100:A:ALA:HB2	1:119:A:LEU:HD11	6	0.14
(13,1385)	1:100:A:ALA:HB2	1:119:A:LEU:HD12	6	0.14
(13,1385)	1:100:A:ALA:HB2	1:119:A:LEU:HD13	6	0.14
(13,1385)	1:100:A:ALA:HB3	1:119:A:LEU:HD11	6	0.14
(13,1385)	1:100:A:ALA:HB3	1:119:A:LEU:HD12	6	0.14
(13,1385)	1:100:A:ALA:HB3	1:119:A:LEU:HD13	6	0.14
(13,1331)	1:120:A:CYS:HA	1:121:A:VAL:HG11	17	0.14
(13,1331)	1:120:A:CYS:HA	1:121:A:VAL:HG12	17	0.14
(13,1331)	1:120:A:CYS:HA	1:121:A:VAL:HG13	17	0.14
(13,1268)	1:66:A:THR:HG21	1:104:A:PHE:HE1	16	0.14
(13,1268)	1:66:A:THR:HG21	1:104:A:PHE:HE2	16	0.14
(13,1268)	1:66:A:THR:HG22	1:104:A:PHE:HE1	16	0.14
(13,1268)	1:66:A:THR:HG22	1:104:A:PHE:HE2	16	0.14
(13,1268)	1:66:A:THR:HG23	1:104:A:PHE:HE1	16	0.14
(13,1268)	1:66:A:THR:HG23	1:104:A:PHE:HE2	16	0.14
(13,1263)	1:66:A:THR:HG21	1:70:A:LYS:H	7	0.14
(13,1263)	1:66:A:THR:HG22	1:70:A:LYS:H	7	0.14
(13,1263)	1:66:A:THR:HG23	1:70:A:LYS:H	7	0.14
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	6	0.14
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	6	0.14
(13,1260)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	6	0.14
(13,1246)	1:30:A:LEU:HD11	1:31:A:PRO:HD3	5	0.14
(13,1246)	1:30:A:LEU:HD12	1:31:A:PRO:HD3	5	0.14
(13,1246)	1:30:A:LEU:HD13	1:31:A:PRO:HD3	5	0.14
(13,1138)	1:150:A:THR:HG21	1:151:A:PHE:HA	9	0.14
(13,1138)	1:150:A:THR:HG22	1:151:A:PHE:HA	9	0.14
(13,1138)	1:150:A:THR:HG23	1:151:A:PHE:HA	9	0.14
(13,1133)	1:37:A:LEU:HA	1:37:A:LEU:HD11	18	0.14
(13,1133)	1:37:A:LEU:HA	1:37:A:LEU:HD12	18	0.14
(13,1133)	1:37:A:LEU:HA	1:37:A:LEU:HD13	18	0.14
(13,1066)	1:101:A:ILE:HG21	1:112:A:GLN:HA	10	0.14
(13,1066)	1:101:A:ILE:HG22	1:112:A:GLN:HA	10	0.14
(13,1066)	1:101:A:ILE:HG23	1:112:A:GLN:HA	10	0.14
(13,1051)	1:140:A:LEU:H	1:140:A:LEU:HG	18	0.14
(13,1046)	1:71:A:LYS:HG3	1:72:A:PHE:HA	11	0.14
(13,1031)	1:111:A:GLU:HA	1:114:A:ILE:HG12	4	0.14
(13,1022)	1:11:A:ILE:HB	1:44:A:GLU:HB2	6	0.14
(13,1022)	1:11:A:ILE:HB	1:44:A:GLU:HB3	6	0.14
(13,1022)	1:11:A:ILE:HB	1:44:A:GLU:HB2	15	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1022)	1:11:A:ILE:HB	1:44:A:GLU:HB3	15	0.14
(13,974)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	3	0.14
(13,974)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	14	0.14
(13,974)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	16	0.14
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD2	10	0.14
(13,967)	1:104:A:PHE:H	1:105:A:LYS:HD3	10	0.14
(13,854)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	8	0.14
(13,854)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	8	0.14
(13,831)	1:68:A:LYS:HA	1:68:A:LYS:HE2	17	0.14
(13,831)	1:68:A:LYS:HA	1:68:A:LYS:HE3	17	0.14
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	5	0.14
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	5	0.14
(13,807)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	5	0.14
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	5	0.14
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	5	0.14
(13,807)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	5	0.14
(13,804)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	10	0.14
(13,804)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	10	0.14
(13,804)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	10	0.14
(13,773)	1:9:A:PHE:HE1	1:58:A:ILE:HD11	5	0.14
(13,773)	1:9:A:PHE:HE1	1:58:A:ILE:HD12	5	0.14
(13,773)	1:9:A:PHE:HE1	1:58:A:ILE:HD13	5	0.14
(13,773)	1:9:A:PHE:HE2	1:58:A:ILE:HD11	5	0.14
(13,773)	1:9:A:PHE:HE2	1:58:A:ILE:HD12	5	0.14
(13,773)	1:9:A:PHE:HE2	1:58:A:ILE:HD13	5	0.14
(13,743)	1:141:A:LYS:H	1:143:A:TRP:HB2	17	0.14
(13,725)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	12	0.14
(13,688)	1:23:A:LEU:HA	1:25:A:ALA:H	6	0.14
(13,660)	1:101:A:ILE:HD11	1:116:A:GLN:H	19	0.14
(13,660)	1:101:A:ILE:HD12	1:116:A:GLN:H	19	0.14
(13,660)	1:101:A:ILE:HD13	1:116:A:GLN:H	19	0.14
(13,616)	1:118:A:ASP:HB3	1:120:A:CYS:H	4	0.14
(13,568)	1:11:A:ILE:HD11	1:16:A:SER:H	9	0.14
(13,568)	1:11:A:ILE:HD12	1:16:A:SER:H	9	0.14
(13,568)	1:11:A:ILE:HD13	1:16:A:SER:H	9	0.14
(13,549)	1:124:A:THR:H	1:128:A:LEU:HD21	10	0.14
(13,549)	1:124:A:THR:H	1:128:A:LEU:HD22	10	0.14
(13,549)	1:124:A:THR:H	1:128:A:LEU:HD23	10	0.14
(13,549)	1:124:A:THR:H	1:128:A:LEU:HD21	11	0.14
(13,549)	1:124:A:THR:H	1:128:A:LEU:HD22	11	0.14
(13,549)	1:124:A:THR:H	1:128:A:LEU:HD23	11	0.14
(13,349)	1:104:A:PHE:H	1:106:A:ASP:H	8	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,316)	1:56:A:CYS:HA	1:122:A:ASP:H	16	0.14
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE1	2	0.14
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE2	2	0.14
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE3	2	0.14
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE1	8	0.14
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE2	8	0.14
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE3	8	0.14
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE1	15	0.14
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE2	15	0.14
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE3	15	0.14
(13,234)	1:50:A:ALA:H	1:52:A:CYS:H	10	0.14
(13,232)	1:110:A:MET:HE1	1:114:A:ILE:H	6	0.14
(13,232)	1:110:A:MET:HE2	1:114:A:ILE:H	6	0.14
(13,232)	1:110:A:MET:HE3	1:114:A:ILE:H	6	0.14
(13,186)	1:60:A:LEU:H	1:63:A:ILE:HD11	8	0.14
(13,186)	1:60:A:LEU:H	1:63:A:ILE:HD12	8	0.14
(13,186)	1:60:A:LEU:H	1:63:A:ILE:HD13	8	0.14
(13,87)	1:151:A:PHE:H	1:151:A:PHE:HB3	19	0.14
(13,55)	1:115:A:ALA:HA	1:117:A:VAL:H	9	0.14
(13,14)	1:64:A:LYS:H	1:64:A:LYS:HD2	12	0.14
(13,14)	1:64:A:LYS:H	1:64:A:LYS:HD3	12	0.14
(11,2425)	1:137:A:SER:HB2	1:140:A:LEU:HB2	3	0.14
(11,2425)	1:137:A:SER:HB3	1:140:A:LEU:HB2	3	0.14
(11,2404)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	18	0.14
(11,2404)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	18	0.14
(11,2395)	1:126:A:GLY:H	1:129:A:LYS:HG2	8	0.14
(11,2395)	1:126:A:GLY:H	1:129:A:LYS:HG3	8	0.14
(11,2345)	1:107:A:LEU:HD11	1:112:A:GLN:HA	16	0.14
(11,2345)	1:107:A:LEU:HD12	1:112:A:GLN:HA	16	0.14
(11,2345)	1:107:A:LEU:HD13	1:112:A:GLN:HA	16	0.14
(11,2345)	1:107:A:LEU:HD21	1:112:A:GLN:HA	16	0.14
(11,2345)	1:107:A:LEU:HD22	1:112:A:GLN:HA	16	0.14
(11,2345)	1:107:A:LEU:HD23	1:112:A:GLN:HA	16	0.14
(11,2344)	1:107:A:LEU:HD11	1:112:A:GLN:H	5	0.14
(11,2344)	1:107:A:LEU:HD12	1:112:A:GLN:H	5	0.14
(11,2344)	1:107:A:LEU:HD13	1:112:A:GLN:H	5	0.14
(11,2344)	1:107:A:LEU:HD21	1:112:A:GLN:H	5	0.14
(11,2344)	1:107:A:LEU:HD22	1:112:A:GLN:H	5	0.14
(11,2344)	1:107:A:LEU:HD23	1:112:A:GLN:H	5	0.14
(11,2243)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	12	0.14
(11,2243)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	12	0.14
(11,2114)	1:39:A:VAL:H	1:139:A:LEU:HD11	4	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2114)	1:39:A:VAL:H	1:139:A:LEU:HD12	4	0.14
(11,2114)	1:39:A:VAL:H	1:139:A:LEU:HD13	4	0.14
(11,2114)	1:39:A:VAL:H	1:139:A:LEU:HD21	4	0.14
(11,2114)	1:39:A:VAL:H	1:139:A:LEU:HD22	4	0.14
(11,2114)	1:39:A:VAL:H	1:139:A:LEU:HD23	4	0.14
(11,2098)	1:35:A:LEU:HD11	1:143:A:TRP:HE1	18	0.14
(11,2098)	1:35:A:LEU:HD12	1:143:A:TRP:HE1	18	0.14
(11,2098)	1:35:A:LEU:HD13	1:143:A:TRP:HE1	18	0.14
(11,2098)	1:35:A:LEU:HD21	1:143:A:TRP:HE1	18	0.14
(11,2098)	1:35:A:LEU:HD22	1:143:A:TRP:HE1	18	0.14
(11,2098)	1:35:A:LEU:HD23	1:143:A:TRP:HE1	18	0.14
(11,2092)	1:35:A:LEU:HD11	1:80:A:TYR:HD1	18	0.14
(11,2092)	1:35:A:LEU:HD11	1:80:A:TYR:HD2	18	0.14
(11,2092)	1:35:A:LEU:HD12	1:80:A:TYR:HD1	18	0.14
(11,2092)	1:35:A:LEU:HD12	1:80:A:TYR:HD2	18	0.14
(11,2092)	1:35:A:LEU:HD13	1:80:A:TYR:HD1	18	0.14
(11,2092)	1:35:A:LEU:HD13	1:80:A:TYR:HD2	18	0.14
(11,2092)	1:35:A:LEU:HD21	1:80:A:TYR:HD1	18	0.14
(11,2092)	1:35:A:LEU:HD21	1:80:A:TYR:HD2	18	0.14
(11,2092)	1:35:A:LEU:HD22	1:80:A:TYR:HD1	18	0.14
(11,2092)	1:35:A:LEU:HD22	1:80:A:TYR:HD2	18	0.14
(11,2092)	1:35:A:LEU:HD23	1:80:A:TYR:HD1	18	0.14
(11,2092)	1:35:A:LEU:HD23	1:80:A:TYR:HD2	18	0.14
(11,2072)	1:32:A:GLY:HA2	1:33:A:LYS:H	18	0.14
(11,2072)	1:32:A:GLY:HA3	1:33:A:LYS:H	18	0.14
(11,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	3	0.14
(11,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	3	0.14
(11,2017)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	3	0.14
(11,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	3	0.14
(11,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	3	0.14
(11,2017)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	3	0.14
(11,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	3	0.14
(11,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	3	0.14
(11,2017)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	3	0.14
(11,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	3	0.14
(11,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	3	0.14
(11,2017)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	3	0.14
(11,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	3	0.14
(11,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	3	0.14
(11,2017)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	3	0.14
(11,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	3	0.14
(11,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	3	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2017)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	3	0.14
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	4	0.14
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	4	0.14
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	4	0.14
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD21	4	0.14
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD22	4	0.14
(11,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD23	4	0.14
(11,1974)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	19	0.14
(11,1974)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	19	0.14
(11,1974)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	19	0.14
(11,1974)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	19	0.14
(11,1974)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	19	0.14
(11,1974)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	19	0.14
(11,1974)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	19	0.14
(11,1974)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	19	0.14
(11,1974)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	19	0.14
(11,1974)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	19	0.14
(11,1974)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	19	0.14
(11,1974)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	19	0.14
(11,1974)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	19	0.14
(11,1974)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	19	0.14
(11,1974)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	19	0.14
(11,1974)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	19	0.14
(11,1974)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	19	0.14
(11,1974)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	19	0.14
(11,1914)	1:18:A:PHE:HE1	1:60:A:LEU:HB2	19	0.14
(11,1914)	1:18:A:PHE:HE2	1:60:A:LEU:HB2	19	0.14
(11,1895)	1:71:A:LYS:HA	1:72:A:PHE:HD1	19	0.14
(11,1895)	1:71:A:LYS:HA	1:72:A:PHE:HD2	19	0.14
(11,1871)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	19	0.14
(11,1871)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	19	0.14
(11,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	13	0.14
(11,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	13	0.14
(11,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	13	0.14
(11,1740)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	12	0.14
(11,1739)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	1	0.14
(11,1739)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	1	0.14
(11,1738)	1:34:A:LYS:HA	1:35:A:LEU:HB3	7	0.14
(11,1707)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	8	0.14
(11,1707)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	8	0.14
(11,1687)	1:134:A:VAL:HG21	1:137:A:SER:H	16	0.14
(11,1687)	1:134:A:VAL:HG22	1:137:A:SER:H	16	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1687)	1:134:A:VAL:HG23	1:137:A:SER:H	16	0.14
(11,1668)	1:114:A:ILE:HG21	1:117:A:VAL:HG21	3	0.14
(11,1668)	1:114:A:ILE:HG21	1:117:A:VAL:HG22	3	0.14
(11,1668)	1:114:A:ILE:HG21	1:117:A:VAL:HG23	3	0.14
(11,1668)	1:114:A:ILE:HG22	1:117:A:VAL:HG21	3	0.14
(11,1668)	1:114:A:ILE:HG22	1:117:A:VAL:HG22	3	0.14
(11,1668)	1:114:A:ILE:HG22	1:117:A:VAL:HG23	3	0.14
(11,1668)	1:114:A:ILE:HG23	1:117:A:VAL:HG21	3	0.14
(11,1668)	1:114:A:ILE:HG23	1:117:A:VAL:HG22	3	0.14
(11,1668)	1:114:A:ILE:HG23	1:117:A:VAL:HG23	3	0.14
(11,1667)	1:111:A:GLU:HA	1:114:A:ILE:HG21	4	0.14
(11,1667)	1:111:A:GLU:HA	1:114:A:ILE:HG22	4	0.14
(11,1667)	1:111:A:GLU:HA	1:114:A:ILE:HG23	4	0.14
(11,1661)	1:79:A:THR:H	1:80:A:TYR:HA	1	0.14
(11,1638)	1:73:A:ILE:HG21	1:76:A:ARG:H	2	0.14
(11,1638)	1:73:A:ILE:HG22	1:76:A:ARG:H	2	0.14
(11,1638)	1:73:A:ILE:HG23	1:76:A:ARG:H	2	0.14
(11,1636)	1:120:A:CYS:H	1:121:A:VAL:HG21	10	0.14
(11,1636)	1:120:A:CYS:H	1:121:A:VAL:HG22	10	0.14
(11,1636)	1:120:A:CYS:H	1:121:A:VAL:HG23	10	0.14
(11,1597)	1:11:A:ILE:HD11	1:18:A:PHE:HD1	3	0.14
(11,1597)	1:11:A:ILE:HD11	1:18:A:PHE:HD2	3	0.14
(11,1597)	1:11:A:ILE:HD12	1:18:A:PHE:HD1	3	0.14
(11,1597)	1:11:A:ILE:HD12	1:18:A:PHE:HD2	3	0.14
(11,1597)	1:11:A:ILE:HD13	1:18:A:PHE:HD1	3	0.14
(11,1597)	1:11:A:ILE:HD13	1:18:A:PHE:HD2	3	0.14
(11,1595)	1:11:A:ILE:HD11	1:14:A:VAL:H	5	0.14
(11,1595)	1:11:A:ILE:HD12	1:14:A:VAL:H	5	0.14
(11,1595)	1:11:A:ILE:HD13	1:14:A:VAL:H	5	0.14
(11,1568)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	5	0.14
(11,1568)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	5	0.14
(11,1568)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	5	0.14
(11,1552)	1:69:A:MET:HE1	1:109:A:PRO:HB2	3	0.14
(11,1552)	1:69:A:MET:HE1	1:109:A:PRO:HB3	3	0.14
(11,1552)	1:69:A:MET:HE2	1:109:A:PRO:HB2	3	0.14
(11,1552)	1:69:A:MET:HE2	1:109:A:PRO:HB3	3	0.14
(11,1552)	1:69:A:MET:HE3	1:109:A:PRO:HB2	3	0.14
(11,1552)	1:69:A:MET:HE3	1:109:A:PRO:HB3	3	0.14
(11,1542)	1:69:A:MET:HE1	1:113:A:PHE:HD1	8	0.14
(11,1542)	1:69:A:MET:HE1	1:113:A:PHE:HD2	8	0.14
(11,1542)	1:69:A:MET:HE2	1:113:A:PHE:HD1	8	0.14
(11,1542)	1:69:A:MET:HE2	1:113:A:PHE:HD2	8	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1542)	1:69:A:MET:HE3	1:113:A:PHE:HD1	8	0.14
(11,1542)	1:69:A:MET:HE3	1:113:A:PHE:HD2	8	0.14
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	14	0.14
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	14	0.14
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	14	0.14
(11,1488)	1:45:A:ALA:HB1	1:47:A:ALA:H	3	0.14
(11,1488)	1:45:A:ALA:HB2	1:47:A:ALA:H	3	0.14
(11,1488)	1:45:A:ALA:HB3	1:47:A:ALA:H	3	0.14
(11,1454)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	7	0.14
(11,1454)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	7	0.14
(11,1454)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	7	0.14
(11,1454)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	7	0.14
(11,1454)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	7	0.14
(11,1454)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	7	0.14
(11,1430)	1:100:A:ALA:HB1	1:119:A:LEU:HD11	6	0.14
(11,1430)	1:100:A:ALA:HB1	1:119:A:LEU:HD12	6	0.14
(11,1430)	1:100:A:ALA:HB1	1:119:A:LEU:HD13	6	0.14
(11,1430)	1:100:A:ALA:HB2	1:119:A:LEU:HD11	6	0.14
(11,1430)	1:100:A:ALA:HB2	1:119:A:LEU:HD12	6	0.14
(11,1430)	1:100:A:ALA:HB2	1:119:A:LEU:HD13	6	0.14
(11,1430)	1:100:A:ALA:HB3	1:119:A:LEU:HD11	6	0.14
(11,1430)	1:100:A:ALA:HB3	1:119:A:LEU:HD12	6	0.14
(11,1430)	1:100:A:ALA:HB3	1:119:A:LEU:HD13	6	0.14
(11,1427)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	7	0.14
(11,1427)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	7	0.14
(11,1427)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	7	0.14
(11,1368)	1:125:A:THR:HG21	1:128:A:LEU:HB2	5	0.14
(11,1368)	1:125:A:THR:HG22	1:128:A:LEU:HB2	5	0.14
(11,1368)	1:125:A:THR:HG23	1:128:A:LEU:HB2	5	0.14
(11,1368)	1:125:A:THR:HG21	1:128:A:LEU:HB2	17	0.14
(11,1368)	1:125:A:THR:HG22	1:128:A:LEU:HB2	17	0.14
(11,1368)	1:125:A:THR:HG23	1:128:A:LEU:HB2	17	0.14
(11,1353)	1:8:A:ASP:HA	1:8:A:ASP:HB3	5	0.14
(11,1317)	1:11:A:ILE:HA	1:14:A:VAL:HG11	13	0.14
(11,1317)	1:11:A:ILE:HA	1:14:A:VAL:HG12	13	0.14
(11,1317)	1:11:A:ILE:HA	1:14:A:VAL:HG13	13	0.14
(11,1311)	1:66:A:THR:HG21	1:104:A:PHE:HE1	16	0.14
(11,1311)	1:66:A:THR:HG21	1:104:A:PHE:HE2	16	0.14
(11,1311)	1:66:A:THR:HG22	1:104:A:PHE:HE1	16	0.14
(11,1311)	1:66:A:THR:HG22	1:104:A:PHE:HE2	16	0.14
(11,1311)	1:66:A:THR:HG23	1:104:A:PHE:HE1	16	0.14
(11,1311)	1:66:A:THR:HG23	1:104:A:PHE:HE2	16	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1306)	1:66:A:THR:HG21	1:70:A:LYS:H	7	0.14
(11,1306)	1:66:A:THR:HG22	1:70:A:LYS:H	7	0.14
(11,1306)	1:66:A:THR:HG23	1:70:A:LYS:H	7	0.14
(11,1267)	1:37:A:LEU:H	1:37:A:LEU:HD11	4	0.14
(11,1267)	1:37:A:LEU:H	1:37:A:LEU:HD12	4	0.14
(11,1267)	1:37:A:LEU:H	1:37:A:LEU:HD13	4	0.14
(11,1235)	1:37:A:LEU:HA	1:37:A:LEU:HD21	17	0.14
(11,1235)	1:37:A:LEU:HA	1:37:A:LEU:HD22	17	0.14
(11,1235)	1:37:A:LEU:HA	1:37:A:LEU:HD23	17	0.14
(11,1172)	1:150:A:THR:HG21	1:151:A:PHE:HA	9	0.14
(11,1172)	1:150:A:THR:HG22	1:151:A:PHE:HA	9	0.14
(11,1172)	1:150:A:THR:HG23	1:151:A:PHE:HA	9	0.14
(11,1159)	1:80:A:TYR:HA	1:80:A:TYR:HE1	14	0.14
(11,1159)	1:80:A:TYR:HA	1:80:A:TYR:HE2	14	0.14
(11,1157)	1:80:A:TYR:HA	1:80:A:TYR:HD1	8	0.14
(11,1157)	1:80:A:TYR:HA	1:80:A:TYR:HD2	8	0.14
(11,1107)	1:41:A:LYS:HG3	1:42:A:GLU:HA	16	0.14
(11,1099)	1:48:A:ARG:H	1:48:A:ARG:HG2	7	0.14
(11,1099)	1:48:A:ARG:H	1:48:A:ARG:HG3	7	0.14
(11,1099)	1:48:A:ARG:H	1:48:A:ARG:HG2	11	0.14
(11,1099)	1:48:A:ARG:H	1:48:A:ARG:HG3	11	0.14
(11,1092)	1:101:A:ILE:HG21	1:112:A:GLN:HA	10	0.14
(11,1092)	1:101:A:ILE:HG22	1:112:A:GLN:HA	10	0.14
(11,1092)	1:101:A:ILE:HG23	1:112:A:GLN:HA	10	0.14
(11,1057)	1:111:A:GLU:HA	1:114:A:ILE:HG12	4	0.14
(11,1027)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	15	0.14
(11,1027)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	15	0.14
(11,1022)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	8	0.14
(11,1022)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	8	0.14
(11,1022)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	8	0.14
(11,1017)	1:27:A:ARG:HB2	1:28:A:GLY:H	13	0.14
(11,1000)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	3	0.14
(11,1000)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	14	0.14
(11,1000)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	16	0.14
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD2	10	0.14
(11,991)	1:104:A:PHE:H	1:105:A:LYS:HD3	10	0.14
(11,956)	1:40:A:LEU:HA	1:43:A:MET:HG2	8	0.14
(11,939)	1:117:A:VAL:HA	1:118:A:ASP:HA	3	0.14
(11,939)	1:117:A:VAL:HA	1:118:A:ASP:HA	13	0.14
(11,932)	1:81:A:GLU:HA	1:81:A:GLU:HG2	1	0.14
(11,932)	1:81:A:GLU:HA	1:81:A:GLU:HG3	1	0.14
(11,932)	1:81:A:GLU:HA	1:81:A:GLU:HG2	5	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,932)	1:81:A:GLU:HA	1:81:A:GLU:HG3	5	0.14
(11,932)	1:81:A:GLU:HA	1:81:A:GLU:HG2	7	0.14
(11,932)	1:81:A:GLU:HA	1:81:A:GLU:HG3	7	0.14
(11,932)	1:81:A:GLU:HA	1:81:A:GLU:HG2	10	0.14
(11,932)	1:81:A:GLU:HA	1:81:A:GLU:HG3	10	0.14
(11,932)	1:81:A:GLU:HA	1:81:A:GLU:HG2	11	0.14
(11,932)	1:81:A:GLU:HA	1:81:A:GLU:HG3	11	0.14
(11,873)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	6	0.14
(11,873)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	6	0.14
(11,873)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	6	0.14
(11,789)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	11	0.14
(11,789)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	11	0.14
(11,789)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	11	0.14
(11,789)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	11	0.14
(11,789)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	11	0.14
(11,789)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	11	0.14
(11,789)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	19	0.14
(11,789)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	19	0.14
(11,789)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	19	0.14
(11,789)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	19	0.14
(11,789)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	19	0.14
(11,789)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	19	0.14
(11,781)	1:11:A:ILE:HA	1:11:A:ILE:HD11	19	0.14
(11,781)	1:11:A:ILE:HA	1:11:A:ILE:HD12	19	0.14
(11,781)	1:11:A:ILE:HA	1:11:A:ILE:HD13	19	0.14
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	13	0.14
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	13	0.14
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	13	0.14
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	13	0.14
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	13	0.14
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	13	0.14
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	13	0.14
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	13	0.14
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	13	0.14
(11,703)	1:23:A:LEU:HA	1:25:A:ALA:H	6	0.14
(11,673)	1:120:A:CYS:H	1:121:A:VAL:HG11	3	0.14
(11,673)	1:120:A:CYS:H	1:121:A:VAL:HG12	3	0.14
(11,673)	1:120:A:CYS:H	1:121:A:VAL:HG13	3	0.14
(11,671)	1:116:A:GLN:HG3	1:117:A:VAL:H	2	0.14
(11,671)	1:116:A:GLN:HG3	1:117:A:VAL:H	9	0.14
(11,670)	1:101:A:ILE:HD11	1:116:A:GLN:H	19	0.14
(11,670)	1:101:A:ILE:HD12	1:116:A:GLN:H	19	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,670)	1:101:A:ILE:HD13	1:116:A:GLN:H	19	0.14
(11,620)	1:118:A:ASP:H	1:120:A:CYS:H	4	0.14
(11,581)	1:127:A:CYS:HB2	1:130:A:GLY:H	9	0.14
(11,581)	1:127:A:CYS:HB2	1:130:A:GLY:H	19	0.14
(11,555)	1:73:A:ILE:HD11	1:110:A:MET:H	4	0.14
(11,555)	1:73:A:ILE:HD12	1:110:A:MET:H	4	0.14
(11,555)	1:73:A:ILE:HD13	1:110:A:MET:H	4	0.14
(11,555)	1:73:A:ILE:HD11	1:110:A:MET:H	15	0.14
(11,555)	1:73:A:ILE:HD12	1:110:A:MET:H	15	0.14
(11,555)	1:73:A:ILE:HD13	1:110:A:MET:H	15	0.14
(11,548)	1:59:A:CYS:HB3	1:61:A:SER:H	18	0.14
(11,543)	1:60:A:LEU:HD11	1:61:A:SER:H	10	0.14
(11,543)	1:60:A:LEU:HD12	1:61:A:SER:H	10	0.14
(11,543)	1:60:A:LEU:HD13	1:61:A:SER:H	10	0.14
(11,488)	1:98:A:ILE:H	1:105:A:LYS:H	17	0.14
(11,367)	1:70:A:LYS:H	1:70:A:LYS:HE2	14	0.14
(11,367)	1:70:A:LYS:H	1:70:A:LYS:HE3	14	0.14
(11,356)	1:104:A:PHE:H	1:106:A:ASP:H	8	0.14
(11,348)	1:122:A:ASP:HB3	1:123:A:CYS:H	1	0.14
(11,348)	1:122:A:ASP:HB3	1:123:A:CYS:H	17	0.14
(11,338)	1:57:A:LEU:H	1:58:A:ILE:HB	11	0.14
(11,338)	1:57:A:LEU:H	1:58:A:ILE:HB	15	0.14
(11,248)	1:58:A:ILE:H	1:58:A:ILE:HD11	14	0.14
(11,248)	1:58:A:ILE:H	1:58:A:ILE:HD12	14	0.14
(11,248)	1:58:A:ILE:H	1:58:A:ILE:HD13	14	0.14
(11,248)	1:58:A:ILE:H	1:58:A:ILE:HD11	15	0.14
(11,248)	1:58:A:ILE:H	1:58:A:ILE:HD12	15	0.14
(11,248)	1:58:A:ILE:H	1:58:A:ILE:HD13	15	0.14
(11,248)	1:58:A:ILE:H	1:58:A:ILE:HD11	19	0.14
(11,248)	1:58:A:ILE:H	1:58:A:ILE:HD12	19	0.14
(11,248)	1:58:A:ILE:H	1:58:A:ILE:HD13	19	0.14
(11,242)	1:23:A:LEU:HB2	1:24:A:ASP:H	11	0.14
(11,242)	1:23:A:LEU:HB3	1:24:A:ASP:H	11	0.14
(11,233)	1:50:A:ALA:H	1:52:A:CYS:H	4	0.14
(11,229)	1:110:A:MET:HE1	1:114:A:ILE:H	6	0.14
(11,229)	1:110:A:MET:HE2	1:114:A:ILE:H	6	0.14
(11,229)	1:110:A:MET:HE3	1:114:A:ILE:H	6	0.14
(11,145)	1:59:A:CYS:H	1:60:A:LEU:HD21	6	0.14
(11,145)	1:59:A:CYS:H	1:60:A:LEU:HD22	6	0.14
(11,145)	1:59:A:CYS:H	1:60:A:LEU:HD23	6	0.14
(11,55)	1:98:A:ILE:H	1:101:A:ILE:HG21	11	0.14
(11,55)	1:98:A:ILE:H	1:101:A:ILE:HG22	11	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,55)	1:98:A:ILE:H	1:101:A:ILE:HG23	11	0.14
(11,10)	1:64:A:LYS:H	1:116:A:GLN:HE22	13	0.14
(9,2391)	1:139:A:LEU:H	1:139:A:LEU:HD11	7	0.14
(9,2391)	1:139:A:LEU:H	1:139:A:LEU:HD12	7	0.14
(9,2391)	1:139:A:LEU:H	1:139:A:LEU:HD13	7	0.14
(9,2391)	1:139:A:LEU:H	1:139:A:LEU:HD21	7	0.14
(9,2391)	1:139:A:LEU:H	1:139:A:LEU:HD22	7	0.14
(9,2391)	1:139:A:LEU:H	1:139:A:LEU:HD23	7	0.14
(9,2341)	1:126:A:GLY:H	1:129:A:LYS:HG2	8	0.14
(9,2341)	1:126:A:GLY:H	1:129:A:LYS:HG3	8	0.14
(9,2325)	1:121:A:VAL:HA	1:123:A:CYS:HB2	16	0.14
(9,2325)	1:121:A:VAL:HA	1:123:A:CYS:HB3	16	0.14
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	10	0.14
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	10	0.14
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	10	0.14
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	10	0.14
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	10	0.14
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	10	0.14
(9,2275)	1:107:A:LEU:HD11	1:115:A:ALA:H	3	0.14
(9,2275)	1:107:A:LEU:HD12	1:115:A:ALA:H	3	0.14
(9,2275)	1:107:A:LEU:HD13	1:115:A:ALA:H	3	0.14
(9,2275)	1:107:A:LEU:HD21	1:115:A:ALA:H	3	0.14
(9,2275)	1:107:A:LEU:HD22	1:115:A:ALA:H	3	0.14
(9,2275)	1:107:A:LEU:HD23	1:115:A:ALA:H	3	0.14
(9,2239)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	4	0.14
(9,2239)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	4	0.14
(9,2239)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	4	0.14
(9,2239)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	4	0.14
(9,2239)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	4	0.14
(9,2239)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	4	0.14
(9,2239)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	4	0.14
(9,2239)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	4	0.14
(9,2239)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	4	0.14
(9,2239)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	4	0.14
(9,2239)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	4	0.14
(9,2239)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	4	0.14
(9,2239)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	4	0.14
(9,2239)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	4	0.14
(9,2239)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	4	0.14
(9,2239)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	4	0.14
(9,2239)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	4	0.14
(9,2239)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	4	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2200)	1:69:A:MET:HG2	1:109:A:PRO:HA	12	0.14
(9,2200)	1:69:A:MET:HG3	1:109:A:PRO:HA	12	0.14
(9,2187)	1:66:A:THR:H	1:116:A:GLN:HE21	16	0.14
(9,2187)	1:66:A:THR:H	1:116:A:GLN:HE22	16	0.14
(9,2100)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	9	0.14
(9,2100)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	9	0.14
(9,2100)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	9	0.14
(9,2100)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	9	0.14
(9,2100)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	9	0.14
(9,2100)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	9	0.14
(9,2089)	1:39:A:VAL:HG11	1:40:A:LEU:HA	5	0.14
(9,2089)	1:39:A:VAL:HG12	1:40:A:LEU:HA	5	0.14
(9,2089)	1:39:A:VAL:HG13	1:40:A:LEU:HA	5	0.14
(9,2089)	1:39:A:VAL:HG21	1:40:A:LEU:HA	5	0.14
(9,2089)	1:39:A:VAL:HG22	1:40:A:LEU:HA	5	0.14
(9,2089)	1:39:A:VAL:HG23	1:40:A:LEU:HA	5	0.14
(9,2061)	1:35:A:LEU:HD11	1:143:A:TRP:HE1	18	0.14
(9,2061)	1:35:A:LEU:HD12	1:143:A:TRP:HE1	18	0.14
(9,2061)	1:35:A:LEU:HD13	1:143:A:TRP:HE1	18	0.14
(9,2061)	1:35:A:LEU:HD21	1:143:A:TRP:HE1	18	0.14
(9,2061)	1:35:A:LEU:HD22	1:143:A:TRP:HE1	18	0.14
(9,2061)	1:35:A:LEU:HD23	1:143:A:TRP:HE1	18	0.14
(9,2057)	1:35:A:LEU:HD11	1:39:A:VAL:HB	18	0.14
(9,2057)	1:35:A:LEU:HD12	1:39:A:VAL:HB	18	0.14
(9,2057)	1:35:A:LEU:HD13	1:39:A:VAL:HB	18	0.14
(9,2057)	1:35:A:LEU:HD21	1:39:A:VAL:HB	18	0.14
(9,2057)	1:35:A:LEU:HD22	1:39:A:VAL:HB	18	0.14
(9,2057)	1:35:A:LEU:HD23	1:39:A:VAL:HB	18	0.14
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD11	5	0.14
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD12	5	0.14
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD13	5	0.14
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD21	5	0.14
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD22	5	0.14
(9,2014)	1:21:A:THR:HB	1:23:A:LEU:HD23	5	0.14
(9,1918)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	2	0.14
(9,1918)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	2	0.14
(9,1912)	1:58:A:ILE:HB	1:62:A:HIS:HE1	10	0.14
(9,1908)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	1	0.14
(9,1873)	1:71:A:LYS:HA	1:72:A:PHE:HD1	19	0.14
(9,1873)	1:71:A:LYS:HA	1:72:A:PHE:HD2	19	0.14
(9,1842)	1:9:A:PHE:HD1	1:58:A:ILE:H	6	0.14
(9,1842)	1:9:A:PHE:HD2	1:58:A:ILE:H	6	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1842)	1:9:A:PHE:HD1	1:58:A:ILE:H	15	0.14
(9,1842)	1:9:A:PHE:HD2	1:58:A:ILE:H	15	0.14
(9,1830)	1:61:A:SER:H	1:62:A:HIS:HD2	19	0.14
(9,1821)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	13	0.14
(9,1815)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	13	0.14
(9,1815)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	13	0.14
(9,1815)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	13	0.14
(9,1769)	1:9:A:PHE:HE1	1:54:A:ARG:HA	12	0.14
(9,1769)	1:9:A:PHE:HE2	1:54:A:ARG:HA	12	0.14
(9,1765)	1:67:A:PRO:HA	1:71:A:LYS:H	13	0.14
(9,1757)	1:57:A:LEU:HG	1:60:A:LEU:HG	1	0.14
(9,1749)	1:39:A:VAL:HB	1:139:A:LEU:HA	14	0.14
(9,1720)	1:68:A:LYS:HA	1:71:A:LYS:HB2	6	0.14
(9,1697)	1:34:A:LYS:HA	1:35:A:LEU:HB3	7	0.14
(9,1678)	1:69:A:MET:HA	1:109:A:PRO:HA	4	0.14
(9,1664)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	8	0.14
(9,1664)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	8	0.14
(9,1623)	1:111:A:GLU:HA	1:114:A:ILE:HG21	4	0.14
(9,1623)	1:111:A:GLU:HA	1:114:A:ILE:HG22	4	0.14
(9,1623)	1:111:A:GLU:HA	1:114:A:ILE:HG23	4	0.14
(9,1618)	1:79:A:THR:H	1:80:A:TYR:HA	1	0.14
(9,1617)	1:125:A:THR:HA	1:127:A:CYS:HB3	11	0.14
(9,1611)	1:149:A:ALA:HB1	1:151:A:PHE:HA	12	0.14
(9,1611)	1:149:A:ALA:HB2	1:151:A:PHE:HA	12	0.14
(9,1611)	1:149:A:ALA:HB3	1:151:A:PHE:HA	12	0.14
(9,1600)	1:73:A:ILE:HG21	1:76:A:ARG:H	2	0.14
(9,1600)	1:73:A:ILE:HG22	1:76:A:ARG:H	2	0.14
(9,1600)	1:73:A:ILE:HG23	1:76:A:ARG:H	2	0.14
(9,1597)	1:120:A:CYS:H	1:121:A:VAL:HG21	10	0.14
(9,1597)	1:120:A:CYS:H	1:121:A:VAL:HG22	10	0.14
(9,1597)	1:120:A:CYS:H	1:121:A:VAL:HG23	10	0.14
(9,1518)	1:69:A:MET:HE1	1:113:A:PHE:HD1	8	0.14
(9,1518)	1:69:A:MET:HE1	1:113:A:PHE:HD2	8	0.14
(9,1518)	1:69:A:MET:HE2	1:113:A:PHE:HD1	8	0.14
(9,1518)	1:69:A:MET:HE2	1:113:A:PHE:HD2	8	0.14
(9,1518)	1:69:A:MET:HE3	1:113:A:PHE:HD1	8	0.14
(9,1518)	1:69:A:MET:HE3	1:113:A:PHE:HD2	8	0.14
(9,1463)	1:67:A:PRO:HD3	1:95:A:ILE:HA	1	0.14
(9,1440)	1:50:A:ALA:HB1	1:130:A:GLY:H	19	0.14
(9,1440)	1:50:A:ALA:HB2	1:130:A:GLY:H	19	0.14
(9,1440)	1:50:A:ALA:HB3	1:130:A:GLY:H	19	0.14
(9,1430)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	1	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1430)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	1	0.14
(9,1430)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	1	0.14
(9,1430)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	1	0.14
(9,1430)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	1	0.14
(9,1430)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	1	0.14
(9,1290)	1:66:A:THR:HG21	1:104:A:PHE:HE1	16	0.14
(9,1290)	1:66:A:THR:HG21	1:104:A:PHE:HE2	16	0.14
(9,1290)	1:66:A:THR:HG22	1:104:A:PHE:HE1	16	0.14
(9,1290)	1:66:A:THR:HG22	1:104:A:PHE:HE2	16	0.14
(9,1290)	1:66:A:THR:HG23	1:104:A:PHE:HE1	16	0.14
(9,1290)	1:66:A:THR:HG23	1:104:A:PHE:HE2	16	0.14
(9,1232)	1:136:A:CYS:HA	1:140:A:LEU:HD11	6	0.14
(9,1232)	1:136:A:CYS:HA	1:140:A:LEU:HD12	6	0.14
(9,1232)	1:136:A:CYS:HA	1:140:A:LEU:HD13	6	0.14
(9,1209)	1:41:A:LYS:HA	1:41:A:LYS:HG2	4	0.14
(9,1171)	1:136:A:CYS:HA	1:140:A:LEU:HD21	3	0.14
(9,1171)	1:136:A:CYS:HA	1:140:A:LEU:HD22	3	0.14
(9,1171)	1:136:A:CYS:HA	1:140:A:LEU:HD23	3	0.14
(9,1158)	1:37:A:LEU:HA	1:37:A:LEU:HD11	18	0.14
(9,1158)	1:37:A:LEU:HA	1:37:A:LEU:HD12	18	0.14
(9,1158)	1:37:A:LEU:HA	1:37:A:LEU:HD13	18	0.14
(9,1065)	1:140:A:LEU:H	1:140:A:LEU:HG	18	0.14
(9,1043)	1:111:A:GLU:HA	1:114:A:ILE:HG12	4	0.14
(9,1008)	1:27:A:ARG:HB2	1:28:A:GLY:H	13	0.14
(9,935)	1:117:A:VAL:HA	1:119:A:LEU:H	9	0.14
(9,911)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	11	0.14
(9,911)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	11	0.14
(9,894)	1:21:A:THR:HB	1:23:A:LEU:H	11	0.14
(9,862)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	3	0.14
(9,862)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	3	0.14
(9,862)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	3	0.14
(9,843)	1:68:A:LYS:HA	1:68:A:LYS:HE2	17	0.14
(9,843)	1:68:A:LYS:HA	1:68:A:LYS:HE3	17	0.14
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	4	0.14
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	4	0.14
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	4	0.14
(9,737)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	12	0.14
(9,697)	1:23:A:LEU:HA	1:25:A:ALA:H	6	0.14
(9,666)	1:101:A:ILE:HD11	1:116:A:GLN:H	19	0.14
(9,666)	1:101:A:ILE:HD12	1:116:A:GLN:H	19	0.14
(9,666)	1:101:A:ILE:HD13	1:116:A:GLN:H	19	0.14
(9,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	5	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	9	0.14
(9,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	17	0.14
(9,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	18	0.14
(9,579)	1:127:A:CYS:HB2	1:130:A:GLY:H	9	0.14
(9,579)	1:127:A:CYS:HB2	1:130:A:GLY:H	19	0.14
(9,547)	1:60:A:LEU:HD11	1:61:A:SER:H	10	0.14
(9,547)	1:60:A:LEU:HD12	1:61:A:SER:H	10	0.14
(9,547)	1:60:A:LEU:HD13	1:61:A:SER:H	10	0.14
(9,534)	1:70:A:LYS:HB2	1:72:A:PHE:H	11	0.14
(9,534)	1:70:A:LYS:HB3	1:72:A:PHE:H	11	0.14
(9,504)	1:105:A:LYS:H	1:105:A:LYS:HG2	12	0.14
(9,504)	1:105:A:LYS:H	1:105:A:LYS:HG3	12	0.14
(9,363)	1:104:A:PHE:H	1:106:A:ASP:H	8	0.14
(9,235)	1:110:A:MET:HE1	1:114:A:ILE:H	6	0.14
(9,235)	1:110:A:MET:HE2	1:114:A:ILE:H	6	0.14
(9,235)	1:110:A:MET:HE3	1:114:A:ILE:H	6	0.14
(9,180)	1:8:A:ASP:H	1:58:A:ILE:HD11	15	0.14
(9,180)	1:8:A:ASP:H	1:58:A:ILE:HD12	15	0.14
(9,180)	1:8:A:ASP:H	1:58:A:ILE:HD13	15	0.14
(9,143)	1:59:A:CYS:H	1:60:A:LEU:HD21	6	0.14
(9,143)	1:59:A:CYS:H	1:60:A:LEU:HD22	6	0.14
(9,143)	1:59:A:CYS:H	1:60:A:LEU:HD23	6	0.14
(9,59)	1:115:A:ALA:HA	1:117:A:VAL:H	9	0.14
(9,49)	1:44:A:GLU:HB2	1:47:A:ALA:H	4	0.14
(9,49)	1:44:A:GLU:HB3	1:47:A:ALA:H	4	0.14
(9,44)	1:98:A:ILE:H	1:99:A:PRO:HD3	5	0.14
(9,44)	1:98:A:ILE:H	1:99:A:PRO:HD3	12	0.14
(9,32)	1:96:A:VAL:H	1:97:A:ASP:HB2	18	0.14
(9,32)	1:96:A:VAL:H	1:97:A:ASP:HB3	18	0.14
(9,14)	1:64:A:LYS:H	1:64:A:LYS:HD2	12	0.14
(9,14)	1:64:A:LYS:H	1:64:A:LYS:HD3	12	0.14
(7,2430)	1:137:A:SER:HB2	1:139:A:LEU:H	12	0.14
(7,2430)	1:137:A:SER:HB3	1:139:A:LEU:H	12	0.14
(7,2401)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	18	0.14
(7,2401)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	18	0.14
(7,2322)	1:107:A:LEU:HD11	1:115:A:ALA:H	3	0.14
(7,2322)	1:107:A:LEU:HD12	1:115:A:ALA:H	3	0.14
(7,2322)	1:107:A:LEU:HD13	1:115:A:ALA:H	3	0.14
(7,2322)	1:107:A:LEU:HD21	1:115:A:ALA:H	3	0.14
(7,2322)	1:107:A:LEU:HD22	1:115:A:ALA:H	3	0.14
(7,2322)	1:107:A:LEU:HD23	1:115:A:ALA:H	3	0.14
(7,2315)	1:107:A:LEU:HD11	1:108:A:GLU:H	13	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2315)	1:107:A:LEU:HD12	1:108:A:GLU:H	13	0.14
(7,2315)	1:107:A:LEU:HD13	1:108:A:GLU:H	13	0.14
(7,2315)	1:107:A:LEU:HD21	1:108:A:GLU:H	13	0.14
(7,2315)	1:107:A:LEU:HD22	1:108:A:GLU:H	13	0.14
(7,2315)	1:107:A:LEU:HD23	1:108:A:GLU:H	13	0.14
(7,2315)	1:107:A:LEU:HD11	1:108:A:GLU:H	14	0.14
(7,2315)	1:107:A:LEU:HD12	1:108:A:GLU:H	14	0.14
(7,2315)	1:107:A:LEU:HD13	1:108:A:GLU:H	14	0.14
(7,2315)	1:107:A:LEU:HD21	1:108:A:GLU:H	14	0.14
(7,2315)	1:107:A:LEU:HD22	1:108:A:GLU:H	14	0.14
(7,2315)	1:107:A:LEU:HD23	1:108:A:GLU:H	14	0.14
(7,2203)	1:64:A:LYS:H	1:116:A:GLN:HE21	3	0.14
(7,2203)	1:64:A:LYS:H	1:116:A:GLN:HE22	3	0.14
(7,2149)	1:50:A:ALA:H	1:130:A:GLY:HA2	15	0.14
(7,2149)	1:50:A:ALA:H	1:130:A:GLY:HA3	15	0.14
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	18	0.14
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	18	0.14
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	18	0.14
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	18	0.14
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	18	0.14
(7,2126)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	18	0.14
(7,2104)	1:40:A:LEU:HD11	1:43:A:MET:HB3	19	0.14
(7,2104)	1:40:A:LEU:HD12	1:43:A:MET:HB3	19	0.14
(7,2104)	1:40:A:LEU:HD13	1:43:A:MET:HB3	19	0.14
(7,2104)	1:40:A:LEU:HD21	1:43:A:MET:HB3	19	0.14
(7,2104)	1:40:A:LEU:HD22	1:43:A:MET:HB3	19	0.14
(7,2104)	1:40:A:LEU:HD23	1:43:A:MET:HB3	19	0.14
(7,2086)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	3	0.14
(7,2086)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	3	0.14
(7,2086)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	3	0.14
(7,2086)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	3	0.14
(7,2086)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	3	0.14
(7,2086)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	3	0.14
(7,2086)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	3	0.14
(7,2086)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	3	0.14
(7,2086)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	3	0.14
(7,2086)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	3	0.14
(7,2086)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	3	0.14
(7,2086)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	3	0.14
(7,2085)	1:39:A:VAL:HG11	1:43:A:MET:HB2	12	0.14
(7,2085)	1:39:A:VAL:HG12	1:43:A:MET:HB2	12	0.14
(7,2085)	1:39:A:VAL:HG13	1:43:A:MET:HB2	12	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2085)	1:39:A:VAL:HG21	1:43:A:MET:HB2	12	0.14
(7,2085)	1:39:A:VAL:HG22	1:43:A:MET:HB2	12	0.14
(7,2085)	1:39:A:VAL:HG23	1:43:A:MET:HB2	12	0.14
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD11	18	0.14
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD12	18	0.14
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD13	18	0.14
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD21	18	0.14
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD22	18	0.14
(7,2067)	1:38:A:GLU:H	1:40:A:LEU:HD23	18	0.14
(7,2052)	1:35:A:LEU:HD11	1:143:A:TRP:HE1	18	0.14
(7,2052)	1:35:A:LEU:HD12	1:143:A:TRP:HE1	18	0.14
(7,2052)	1:35:A:LEU:HD13	1:143:A:TRP:HE1	18	0.14
(7,2052)	1:35:A:LEU:HD21	1:143:A:TRP:HE1	18	0.14
(7,2052)	1:35:A:LEU:HD22	1:143:A:TRP:HE1	18	0.14
(7,2052)	1:35:A:LEU:HD23	1:143:A:TRP:HE1	18	0.14
(7,2000)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	7	0.14
(7,2000)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	7	0.14
(7,2000)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	7	0.14
(7,2000)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	7	0.14
(7,1992)	1:23:A:LEU:H	1:23:A:LEU:HD11	5	0.14
(7,1992)	1:23:A:LEU:H	1:23:A:LEU:HD12	5	0.14
(7,1992)	1:23:A:LEU:H	1:23:A:LEU:HD13	5	0.14
(7,1992)	1:23:A:LEU:H	1:23:A:LEU:HD21	5	0.14
(7,1992)	1:23:A:LEU:H	1:23:A:LEU:HD22	5	0.14
(7,1992)	1:23:A:LEU:H	1:23:A:LEU:HD23	5	0.14
(7,1911)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	15	0.14
(7,1911)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	15	0.14
(7,1911)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	15	0.14
(7,1911)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	15	0.14
(7,1907)	1:10:A:ASN:HD21	1:13:A:ALA:HB1	15	0.14
(7,1907)	1:10:A:ASN:HD21	1:13:A:ALA:HB2	15	0.14
(7,1907)	1:10:A:ASN:HD21	1:13:A:ALA:HB3	15	0.14
(7,1907)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	15	0.14
(7,1907)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	15	0.14
(7,1907)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	15	0.14
(7,1877)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	1	0.14
(7,1846)	1:71:A:LYS:HA	1:72:A:PHE:HD1	19	0.14
(7,1846)	1:71:A:LYS:HA	1:72:A:PHE:HD2	19	0.14
(7,1821)	1:9:A:PHE:HD1	1:58:A:ILE:H	6	0.14
(7,1821)	1:9:A:PHE:HD2	1:58:A:ILE:H	6	0.14
(7,1821)	1:9:A:PHE:HD1	1:58:A:ILE:H	15	0.14
(7,1821)	1:9:A:PHE:HD2	1:58:A:ILE:H	15	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1807)	1:61:A:SER:H	1:62:A:HIS:HD2	19	0.14
(7,1758)	1:72:A:PHE:HD1	1:109:A:PRO:HB2	2	0.14
(7,1758)	1:72:A:PHE:HD1	1:109:A:PRO:HB3	2	0.14
(7,1758)	1:72:A:PHE:HD2	1:109:A:PRO:HB2	2	0.14
(7,1758)	1:72:A:PHE:HD2	1:109:A:PRO:HB3	2	0.14
(7,1754)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	9	0.14
(7,1754)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	9	0.14
(7,1754)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	9	0.14
(7,1754)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	9	0.14
(7,1754)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	9	0.14
(7,1754)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	9	0.14
(7,1754)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	9	0.14
(7,1754)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	9	0.14
(7,1754)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	9	0.14
(7,1754)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	9	0.14
(7,1754)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	9	0.14
(7,1754)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	9	0.14
(7,1727)	1:57:A:LEU:HG	1:60:A:LEU:HG	1	0.14
(7,1695)	1:68:A:LYS:HA	1:71:A:LYS:HB2	6	0.14
(7,1675)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	6	0.14
(7,1672)	1:34:A:LYS:HA	1:35:A:LEU:HB3	7	0.14
(7,1653)	1:69:A:MET:HA	1:109:A:PRO:HA	12	0.14
(7,1593)	1:149:A:ALA:HB1	1:151:A:PHE:HA	12	0.14
(7,1593)	1:149:A:ALA:HB2	1:151:A:PHE:HA	12	0.14
(7,1593)	1:149:A:ALA:HB3	1:151:A:PHE:HA	12	0.14
(7,1580)	1:73:A:ILE:HG21	1:76:A:ARG:H	2	0.14
(7,1580)	1:73:A:ILE:HG22	1:76:A:ARG:H	2	0.14
(7,1580)	1:73:A:ILE:HG23	1:76:A:ARG:H	2	0.14
(7,1542)	1:11:A:ILE:HD11	1:14:A:VAL:H	5	0.14
(7,1542)	1:11:A:ILE:HD12	1:14:A:VAL:H	5	0.14
(7,1542)	1:11:A:ILE:HD13	1:14:A:VAL:H	5	0.14
(7,1513)	1:66:A:THR:HG21	1:69:A:MET:HE1	9	0.14
(7,1513)	1:66:A:THR:HG21	1:69:A:MET:HE2	9	0.14
(7,1513)	1:66:A:THR:HG21	1:69:A:MET:HE3	9	0.14
(7,1513)	1:66:A:THR:HG22	1:69:A:MET:HE1	9	0.14
(7,1513)	1:66:A:THR:HG22	1:69:A:MET:HE2	9	0.14
(7,1513)	1:66:A:THR:HG22	1:69:A:MET:HE3	9	0.14
(7,1513)	1:66:A:THR:HG23	1:69:A:MET:HE1	9	0.14
(7,1513)	1:66:A:THR:HG23	1:69:A:MET:HE2	9	0.14
(7,1513)	1:66:A:THR:HG23	1:69:A:MET:HE3	9	0.14
(7,1502)	1:69:A:MET:HE1	1:113:A:PHE:HD1	8	0.14
(7,1502)	1:69:A:MET:HE1	1:113:A:PHE:HD2	8	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1502)	1:69:A:MET:HE2	1:113:A:PHE:HD1	8	0.14
(7,1502)	1:69:A:MET:HE2	1:113:A:PHE:HD2	8	0.14
(7,1502)	1:69:A:MET:HE3	1:113:A:PHE:HD1	8	0.14
(7,1502)	1:69:A:MET:HE3	1:113:A:PHE:HD2	8	0.14
(7,1483)	1:43:A:MET:H	1:43:A:MET:HE1	6	0.14
(7,1483)	1:43:A:MET:H	1:43:A:MET:HE2	6	0.14
(7,1483)	1:43:A:MET:H	1:43:A:MET:HE3	6	0.14
(7,1483)	1:43:A:MET:H	1:43:A:MET:HE1	12	0.14
(7,1483)	1:43:A:MET:H	1:43:A:MET:HE2	12	0.14
(7,1483)	1:43:A:MET:H	1:43:A:MET:HE3	12	0.14
(7,1480)	1:47:A:ALA:HB1	1:48:A:ARG:HB2	13	0.14
(7,1480)	1:47:A:ALA:HB1	1:48:A:ARG:HB3	13	0.14
(7,1480)	1:47:A:ALA:HB2	1:48:A:ARG:HB2	13	0.14
(7,1480)	1:47:A:ALA:HB2	1:48:A:ARG:HB3	13	0.14
(7,1480)	1:47:A:ALA:HB3	1:48:A:ARG:HB2	13	0.14
(7,1480)	1:47:A:ALA:HB3	1:48:A:ARG:HB3	13	0.14
(7,1448)	1:42:A:GLU:HA	1:45:A:ALA:HB1	9	0.14
(7,1448)	1:42:A:GLU:HA	1:45:A:ALA:HB2	9	0.14
(7,1448)	1:42:A:GLU:HA	1:45:A:ALA:HB3	9	0.14
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG21	18	0.14
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG22	18	0.14
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG23	18	0.14
(7,1409)	1:69:A:MET:HE1	1:73:A:ILE:HG21	19	0.14
(7,1409)	1:69:A:MET:HE1	1:73:A:ILE:HG22	19	0.14
(7,1409)	1:69:A:MET:HE1	1:73:A:ILE:HG23	19	0.14
(7,1409)	1:69:A:MET:HE2	1:73:A:ILE:HG21	19	0.14
(7,1409)	1:69:A:MET:HE2	1:73:A:ILE:HG22	19	0.14
(7,1409)	1:69:A:MET:HE2	1:73:A:ILE:HG23	19	0.14
(7,1409)	1:69:A:MET:HE3	1:73:A:ILE:HG21	19	0.14
(7,1409)	1:69:A:MET:HE3	1:73:A:ILE:HG22	19	0.14
(7,1409)	1:69:A:MET:HE3	1:73:A:ILE:HG23	19	0.14
(7,1362)	1:12:A:VAL:HG21	1:13:A:ALA:HA	16	0.14
(7,1362)	1:12:A:VAL:HG22	1:13:A:ALA:HA	16	0.14
(7,1362)	1:12:A:VAL:HG23	1:13:A:ALA:HA	16	0.14
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG11	16	0.14
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG12	16	0.14
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG13	16	0.14
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG21	12	0.14
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG22	12	0.14
(7,1342)	1:78:A:HIS:HA	1:79:A:THR:HG23	12	0.14
(7,1325)	1:125:A:THR:HG21	1:128:A:LEU:HB2	5	0.14
(7,1325)	1:125:A:THR:HG22	1:128:A:LEU:HB2	5	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1325)	1:125:A:THR:HG23	1:128:A:LEU:HB2	5	0.14
(7,1325)	1:125:A:THR:HG21	1:128:A:LEU:HB2	17	0.14
(7,1325)	1:125:A:THR:HG22	1:128:A:LEU:HB2	17	0.14
(7,1325)	1:125:A:THR:HG23	1:128:A:LEU:HB2	17	0.14
(7,1277)	1:66:A:THR:HG21	1:104:A:PHE:HE1	16	0.14
(7,1277)	1:66:A:THR:HG21	1:104:A:PHE:HE2	16	0.14
(7,1277)	1:66:A:THR:HG22	1:104:A:PHE:HE1	16	0.14
(7,1277)	1:66:A:THR:HG22	1:104:A:PHE:HE2	16	0.14
(7,1277)	1:66:A:THR:HG23	1:104:A:PHE:HE1	16	0.14
(7,1277)	1:66:A:THR:HG23	1:104:A:PHE:HE2	16	0.14
(7,1271)	1:66:A:THR:HG21	1:70:A:LYS:H	7	0.14
(7,1271)	1:66:A:THR:HG22	1:70:A:LYS:H	7	0.14
(7,1271)	1:66:A:THR:HG23	1:70:A:LYS:H	7	0.14
(7,1226)	1:37:A:LEU:H	1:37:A:LEU:HD11	4	0.14
(7,1226)	1:37:A:LEU:H	1:37:A:LEU:HD12	4	0.14
(7,1226)	1:37:A:LEU:H	1:37:A:LEU:HD13	4	0.14
(7,1171)	1:40:A:LEU:H	1:40:A:LEU:HD21	16	0.14
(7,1171)	1:40:A:LEU:H	1:40:A:LEU:HD22	16	0.14
(7,1171)	1:40:A:LEU:H	1:40:A:LEU:HD23	16	0.14
(7,1167)	1:107:A:LEU:HD21	1:108:A:GLU:H	15	0.14
(7,1167)	1:107:A:LEU:HD22	1:108:A:GLU:H	15	0.14
(7,1167)	1:107:A:LEU:HD23	1:108:A:GLU:H	15	0.14
(7,1123)	1:80:A:TYR:HA	1:80:A:TYR:HE1	14	0.14
(7,1123)	1:80:A:TYR:HA	1:80:A:TYR:HE2	14	0.14
(7,1092)	1:41:A:LYS:HA	1:44:A:GLU:HB2	19	0.14
(7,1092)	1:41:A:LYS:HA	1:44:A:GLU:HB3	19	0.14
(7,1065)	1:101:A:ILE:HG21	1:112:A:GLN:HA	10	0.14
(7,1065)	1:101:A:ILE:HG22	1:112:A:GLN:HA	10	0.14
(7,1065)	1:101:A:ILE:HG23	1:112:A:GLN:HA	10	0.14
(7,1046)	1:140:A:LEU:H	1:140:A:LEU:HG	18	0.14
(7,837)	1:68:A:LYS:HA	1:68:A:LYS:HE2	17	0.14
(7,837)	1:68:A:LYS:HA	1:68:A:LYS:HE3	17	0.14
(7,797)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	7	0.14
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD11	16	0.14
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD12	16	0.14
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD13	16	0.14
(7,749)	1:141:A:LYS:H	1:143:A:TRP:HB2	17	0.14
(7,698)	1:23:A:LEU:HA	1:25:A:ALA:H	6	0.14
(7,669)	1:124:A:THR:H	1:126:A:GLY:H	10	0.14
(7,669)	1:124:A:THR:H	1:126:A:GLY:H	13	0.14
(7,669)	1:124:A:THR:H	1:126:A:GLY:H	17	0.14
(7,667)	1:101:A:ILE:HD11	1:116:A:GLN:H	19	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,667)	1:101:A:ILE:HD12	1:116:A:GLN:H	19	0.14
(7,667)	1:101:A:ILE:HD13	1:116:A:GLN:H	19	0.14
(7,628)	1:9:A:PHE:HE1	1:58:A:ILE:H	12	0.14
(7,628)	1:9:A:PHE:HE2	1:58:A:ILE:H	12	0.14
(7,619)	1:118:A:ASP:HB3	1:120:A:CYS:H	4	0.14
(7,618)	1:118:A:ASP:H	1:120:A:CYS:H	4	0.14
(7,490)	1:98:A:ILE:H	1:105:A:LYS:H	10	0.14
(7,351)	1:104:A:PHE:H	1:106:A:ASP:H	8	0.14
(7,251)	1:58:A:ILE:H	1:58:A:ILE:HD11	14	0.14
(7,251)	1:58:A:ILE:H	1:58:A:ILE:HD12	14	0.14
(7,251)	1:58:A:ILE:H	1:58:A:ILE:HD13	14	0.14
(7,251)	1:58:A:ILE:H	1:58:A:ILE:HD11	15	0.14
(7,251)	1:58:A:ILE:H	1:58:A:ILE:HD12	15	0.14
(7,251)	1:58:A:ILE:H	1:58:A:ILE:HD13	15	0.14
(7,251)	1:58:A:ILE:H	1:58:A:ILE:HD11	19	0.14
(7,251)	1:58:A:ILE:H	1:58:A:ILE:HD12	19	0.14
(7,251)	1:58:A:ILE:H	1:58:A:ILE:HD13	19	0.14
(7,237)	1:50:A:ALA:H	1:52:A:CYS:H	4	0.14
(7,235)	1:110:A:MET:HE1	1:114:A:ILE:H	6	0.14
(7,235)	1:110:A:MET:HE2	1:114:A:ILE:H	6	0.14
(7,235)	1:110:A:MET:HE3	1:114:A:ILE:H	6	0.14
(7,157)	1:127:A:CYS:H	1:128:A:LEU:HB2	17	0.14
(7,150)	1:131:A:LEU:H	1:131:A:LEU:HG	15	0.14
(7,68)	1:44:A:GLU:HB2	1:45:A:ALA:H	2	0.14
(7,68)	1:44:A:GLU:HB3	1:45:A:ALA:H	2	0.14
(7,68)	1:44:A:GLU:HB2	1:45:A:ALA:H	5	0.14
(7,68)	1:44:A:GLU:HB3	1:45:A:ALA:H	5	0.14
(7,68)	1:44:A:GLU:HB2	1:45:A:ALA:H	18	0.14
(7,68)	1:44:A:GLU:HB3	1:45:A:ALA:H	18	0.14
(7,57)	1:115:A:ALA:HA	1:117:A:VAL:H	9	0.14
(7,31)	1:96:A:VAL:H	1:97:A:ASP:HB2	18	0.14
(7,31)	1:96:A:VAL:H	1:97:A:ASP:HB3	18	0.14
(6,2411)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	1	0.14
(6,2411)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	1	0.14
(6,2401)	1:126:A:GLY:H	1:129:A:LYS:HG2	8	0.14
(6,2401)	1:126:A:GLY:H	1:129:A:LYS:HG3	8	0.14
(6,2398)	1:125:A:THR:HB	1:129:A:LYS:HG2	6	0.14
(6,2398)	1:125:A:THR:HB	1:129:A:LYS:HG3	6	0.14
(6,2337)	1:107:A:LEU:HD11	1:115:A:ALA:H	3	0.14
(6,2337)	1:107:A:LEU:HD12	1:115:A:ALA:H	3	0.14
(6,2337)	1:107:A:LEU:HD13	1:115:A:ALA:H	3	0.14
(6,2337)	1:107:A:LEU:HD21	1:115:A:ALA:H	3	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2337)	1:107:A:LEU:HD22	1:115:A:ALA:H	3	0.14
(6,2337)	1:107:A:LEU:HD23	1:115:A:ALA:H	3	0.14
(6,2321)	1:105:A:LYS:HG2	1:106:A:ASP:HA	18	0.14
(6,2321)	1:105:A:LYS:HG3	1:106:A:ASP:HA	18	0.14
(6,2271)	1:76:A:ARG:H	1:77:A:CYS:HB2	17	0.14
(6,2271)	1:76:A:ARG:H	1:77:A:CYS:HB3	17	0.14
(6,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD11	2	0.14
(6,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD12	2	0.14
(6,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD13	2	0.14
(6,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD21	2	0.14
(6,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD22	2	0.14
(6,2165)	1:47:A:ALA:HA	1:57:A:LEU:HD23	2	0.14
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	16	0.14
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	16	0.14
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	16	0.14
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	16	0.14
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	16	0.14
(6,2154)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	16	0.14
(6,2138)	1:42:A:GLU:HB2	1:140:A:LEU:HD11	9	0.14
(6,2138)	1:42:A:GLU:HB2	1:140:A:LEU:HD12	9	0.14
(6,2138)	1:42:A:GLU:HB2	1:140:A:LEU:HD13	9	0.14
(6,2138)	1:42:A:GLU:HB2	1:140:A:LEU:HD21	9	0.14
(6,2138)	1:42:A:GLU:HB2	1:140:A:LEU:HD22	9	0.14
(6,2138)	1:42:A:GLU:HB2	1:140:A:LEU:HD23	9	0.14
(6,2138)	1:42:A:GLU:HB3	1:140:A:LEU:HD11	9	0.14
(6,2138)	1:42:A:GLU:HB3	1:140:A:LEU:HD12	9	0.14
(6,2138)	1:42:A:GLU:HB3	1:140:A:LEU:HD13	9	0.14
(6,2138)	1:42:A:GLU:HB3	1:140:A:LEU:HD21	9	0.14
(6,2138)	1:42:A:GLU:HB3	1:140:A:LEU:HD22	9	0.14
(6,2138)	1:42:A:GLU:HB3	1:140:A:LEU:HD23	9	0.14
(6,2081)	1:35:A:LEU:HD11	1:143:A:TRP:HE1	18	0.14
(6,2081)	1:35:A:LEU:HD12	1:143:A:TRP:HE1	18	0.14
(6,2081)	1:35:A:LEU:HD13	1:143:A:TRP:HE1	18	0.14
(6,2081)	1:35:A:LEU:HD21	1:143:A:TRP:HE1	18	0.14
(6,2081)	1:35:A:LEU:HD22	1:143:A:TRP:HE1	18	0.14
(6,2081)	1:35:A:LEU:HD23	1:143:A:TRP:HE1	18	0.14
(6,2075)	1:35:A:LEU:HD11	1:39:A:VAL:HB	18	0.14
(6,2075)	1:35:A:LEU:HD12	1:39:A:VAL:HB	18	0.14
(6,2075)	1:35:A:LEU:HD13	1:39:A:VAL:HB	18	0.14
(6,2075)	1:35:A:LEU:HD21	1:39:A:VAL:HB	18	0.14
(6,2075)	1:35:A:LEU:HD22	1:39:A:VAL:HB	18	0.14
(6,2075)	1:35:A:LEU:HD23	1:39:A:VAL:HB	18	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD11	17	0.14
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD12	17	0.14
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD13	17	0.14
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD21	17	0.14
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD22	17	0.14
(6,2053)	1:27:A:ARG:HE	1:30:A:LEU:HD23	17	0.14
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD11	3	0.14
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD12	3	0.14
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD13	3	0.14
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD21	3	0.14
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD22	3	0.14
(6,2044)	1:23:A:LEU:HA	1:23:A:LEU:HD23	3	0.14
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG11	17	0.14
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG12	17	0.14
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG13	17	0.14
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG21	17	0.14
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG22	17	0.14
(6,2012)	1:15:A:ALA:H	1:134:A:VAL:HG23	17	0.14
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD11	17	0.14
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD12	17	0.14
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD13	17	0.14
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD21	17	0.14
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD22	17	0.14
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD23	17	0.14
(6,1988)	1:13:A:ALA:H	1:40:A:LEU:HD11	10	0.14
(6,1988)	1:13:A:ALA:H	1:40:A:LEU:HD12	10	0.14
(6,1988)	1:13:A:ALA:H	1:40:A:LEU:HD13	10	0.14
(6,1988)	1:13:A:ALA:H	1:40:A:LEU:HD21	10	0.14
(6,1988)	1:13:A:ALA:H	1:40:A:LEU:HD22	10	0.14
(6,1988)	1:13:A:ALA:H	1:40:A:LEU:HD23	10	0.14
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD11	2	0.14
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD12	2	0.14
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD13	2	0.14
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD21	2	0.14
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD22	2	0.14
(6,1966)	1:11:A:ILE:HG12	1:131:A:LEU:HD23	2	0.14
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD11	2	0.14
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD12	2	0.14
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD13	2	0.14
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD21	2	0.14
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD22	2	0.14
(6,1948)	1:10:A:ASN:H	1:40:A:LEU:HD23	2	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1931)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	2	0.14
(6,1931)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	2	0.14
(6,1906)	1:18:A:PHE:HE1	1:60:A:LEU:HB2	19	0.14
(6,1906)	1:18:A:PHE:HE2	1:60:A:LEU:HB2	19	0.14
(6,1883)	1:71:A:LYS:HA	1:72:A:PHE:HD1	19	0.14
(6,1883)	1:71:A:LYS:HA	1:72:A:PHE:HD2	19	0.14
(6,1869)	1:113:A:PHE:HE1	1:114:A:ILE:HA	1	0.14
(6,1869)	1:113:A:PHE:HE2	1:114:A:ILE:HA	1	0.14
(6,1850)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	19	0.14
(6,1850)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	19	0.14
(6,1843)	1:61:A:SER:H	1:62:A:HIS:HD2	19	0.14
(6,1834)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	13	0.14
(6,1783)	1:9:A:PHE:HE1	1:54:A:ARG:HA	12	0.14
(6,1783)	1:9:A:PHE:HE2	1:54:A:ARG:HA	12	0.14
(6,1778)	1:67:A:PRO:HA	1:71:A:LYS:H	13	0.14
(6,1749)	1:39:A:VAL:HA	1:140:A:LEU:HD11	18	0.14
(6,1749)	1:39:A:VAL:HA	1:140:A:LEU:HD12	18	0.14
(6,1749)	1:39:A:VAL:HA	1:140:A:LEU:HD13	18	0.14
(6,1728)	1:68:A:LYS:HA	1:71:A:LYS:HB2	6	0.14
(6,1705)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	12	0.14
(6,1704)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	1	0.14
(6,1704)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	1	0.14
(6,1703)	1:34:A:LYS:HA	1:35:A:LEU:HB3	7	0.14
(6,1674)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	8	0.14
(6,1674)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	8	0.14
(6,1627)	1:79:A:THR:H	1:80:A:TYR:HA	1	0.14
(6,1606)	1:73:A:ILE:HG21	1:76:A:ARG:H	2	0.14
(6,1606)	1:73:A:ILE:HG22	1:76:A:ARG:H	2	0.14
(6,1606)	1:73:A:ILE:HG23	1:76:A:ARG:H	2	0.14
(6,1560)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	3	0.14
(6,1560)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	3	0.14
(6,1560)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	3	0.14
(6,1560)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	3	0.14
(6,1560)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	3	0.14
(6,1560)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	3	0.14
(6,1560)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	3	0.14
(6,1560)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	3	0.14
(6,1560)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	3	0.14
(6,1547)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	5	0.14
(6,1547)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	5	0.14
(6,1547)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	5	0.14
(6,1545)	1:11:A:ILE:HD11	1:46:A:ASN:HB2	2	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1545)	1:11:A:ILE:HD12	1:46:A:ASN:HB2	2	0.14
(6,1545)	1:11:A:ILE:HD13	1:46:A:ASN:HB2	2	0.14
(6,1517)	1:69:A:MET:HE1	1:113:A:PHE:HD1	8	0.14
(6,1517)	1:69:A:MET:HE1	1:113:A:PHE:HD2	8	0.14
(6,1517)	1:69:A:MET:HE2	1:113:A:PHE:HD1	8	0.14
(6,1517)	1:69:A:MET:HE2	1:113:A:PHE:HD2	8	0.14
(6,1517)	1:69:A:MET:HE3	1:113:A:PHE:HD1	8	0.14
(6,1517)	1:69:A:MET:HE3	1:113:A:PHE:HD2	8	0.14
(6,1495)	1:47:A:ALA:HB1	1:48:A:ARG:HB2	13	0.14
(6,1495)	1:47:A:ALA:HB1	1:48:A:ARG:HB3	13	0.14
(6,1495)	1:47:A:ALA:HB2	1:48:A:ARG:HB2	13	0.14
(6,1495)	1:47:A:ALA:HB2	1:48:A:ARG:HB3	13	0.14
(6,1495)	1:47:A:ALA:HB3	1:48:A:ARG:HB2	13	0.14
(6,1495)	1:47:A:ALA:HB3	1:48:A:ARG:HB3	13	0.14
(6,1431)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	7	0.14
(6,1431)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	7	0.14
(6,1431)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	7	0.14
(6,1431)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	7	0.14
(6,1431)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	7	0.14
(6,1431)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	7	0.14
(6,1422)	1:69:A:MET:HE1	1:73:A:ILE:HG21	19	0.14
(6,1422)	1:69:A:MET:HE1	1:73:A:ILE:HG22	19	0.14
(6,1422)	1:69:A:MET:HE1	1:73:A:ILE:HG23	19	0.14
(6,1422)	1:69:A:MET:HE2	1:73:A:ILE:HG21	19	0.14
(6,1422)	1:69:A:MET:HE2	1:73:A:ILE:HG22	19	0.14
(6,1422)	1:69:A:MET:HE2	1:73:A:ILE:HG23	19	0.14
(6,1422)	1:69:A:MET:HE3	1:73:A:ILE:HG21	19	0.14
(6,1422)	1:69:A:MET:HE3	1:73:A:ILE:HG22	19	0.14
(6,1422)	1:69:A:MET:HE3	1:73:A:ILE:HG23	19	0.14
(6,1405)	1:100:A:ALA:HB1	1:119:A:LEU:HD11	6	0.14
(6,1405)	1:100:A:ALA:HB1	1:119:A:LEU:HD12	6	0.14
(6,1405)	1:100:A:ALA:HB1	1:119:A:LEU:HD13	6	0.14
(6,1405)	1:100:A:ALA:HB2	1:119:A:LEU:HD11	6	0.14
(6,1405)	1:100:A:ALA:HB2	1:119:A:LEU:HD12	6	0.14
(6,1405)	1:100:A:ALA:HB2	1:119:A:LEU:HD13	6	0.14
(6,1405)	1:100:A:ALA:HB3	1:119:A:LEU:HD11	6	0.14
(6,1405)	1:100:A:ALA:HB3	1:119:A:LEU:HD12	6	0.14
(6,1405)	1:100:A:ALA:HB3	1:119:A:LEU:HD13	6	0.14
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	13	0.14
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	13	0.14
(6,1404)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	13	0.14
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	13	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	13	0.14
(6,1404)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	13	0.14
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG11	16	0.14
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG12	16	0.14
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG13	16	0.14
(6,1356)	1:120:A:CYS:HA	1:121:A:VAL:HG11	17	0.14
(6,1356)	1:120:A:CYS:HA	1:121:A:VAL:HG12	17	0.14
(6,1356)	1:120:A:CYS:HA	1:121:A:VAL:HG13	17	0.14
(6,1283)	1:66:A:THR:HG21	1:104:A:PHE:HE1	16	0.14
(6,1283)	1:66:A:THR:HG21	1:104:A:PHE:HE2	16	0.14
(6,1283)	1:66:A:THR:HG22	1:104:A:PHE:HE1	16	0.14
(6,1283)	1:66:A:THR:HG22	1:104:A:PHE:HE2	16	0.14
(6,1283)	1:66:A:THR:HG23	1:104:A:PHE:HE1	16	0.14
(6,1283)	1:66:A:THR:HG23	1:104:A:PHE:HE2	16	0.14
(6,1251)	1:23:A:LEU:HA	1:23:A:LEU:HD11	14	0.14
(6,1251)	1:23:A:LEU:HA	1:23:A:LEU:HD12	14	0.14
(6,1251)	1:23:A:LEU:HA	1:23:A:LEU:HD13	14	0.14
(6,1241)	1:37:A:LEU:H	1:37:A:LEU:HD11	4	0.14
(6,1241)	1:37:A:LEU:H	1:37:A:LEU:HD12	4	0.14
(6,1241)	1:37:A:LEU:H	1:37:A:LEU:HD13	4	0.14
(6,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD11	6	0.14
(6,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD12	6	0.14
(6,1224)	1:136:A:CYS:HA	1:140:A:LEU:HD13	6	0.14
(6,1160)	1:136:A:CYS:HA	1:140:A:LEU:HD21	3	0.14
(6,1160)	1:136:A:CYS:HA	1:140:A:LEU:HD22	3	0.14
(6,1160)	1:136:A:CYS:HA	1:140:A:LEU:HD23	3	0.14
(6,1150)	1:150:A:THR:HG21	1:151:A:PHE:HA	9	0.14
(6,1150)	1:150:A:THR:HG22	1:151:A:PHE:HA	9	0.14
(6,1150)	1:150:A:THR:HG23	1:151:A:PHE:HA	9	0.14
(6,1134)	1:80:A:TYR:HA	1:80:A:TYR:HE1	14	0.14
(6,1134)	1:80:A:TYR:HA	1:80:A:TYR:HE2	14	0.14
(6,1052)	1:140:A:LEU:H	1:140:A:LEU:HG	18	0.14
(6,978)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	3	0.14
(6,978)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	14	0.14
(6,978)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	16	0.14
(6,890)	1:21:A:THR:HB	1:23:A:LEU:H	11	0.14
(6,871)	1:138:A:ASP:HB2	1:141:A:LYS:HB2	18	0.14
(6,871)	1:138:A:ASP:HB2	1:141:A:LYS:HB3	18	0.14
(6,871)	1:138:A:ASP:HB3	1:141:A:LYS:HB2	18	0.14
(6,871)	1:138:A:ASP:HB3	1:141:A:LYS:HB3	18	0.14
(6,819)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	2	0.14
(6,819)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	2	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,819)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	2	0.14
(6,819)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	2	0.14
(6,819)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	2	0.14
(6,819)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	2	0.14
(6,786)	1:63:A:ILE:HD11	1:69:A:MET:HE1	7	0.14
(6,786)	1:63:A:ILE:HD11	1:69:A:MET:HE2	7	0.14
(6,786)	1:63:A:ILE:HD11	1:69:A:MET:HE3	7	0.14
(6,786)	1:63:A:ILE:HD12	1:69:A:MET:HE1	7	0.14
(6,786)	1:63:A:ILE:HD12	1:69:A:MET:HE2	7	0.14
(6,786)	1:63:A:ILE:HD12	1:69:A:MET:HE3	7	0.14
(6,786)	1:63:A:ILE:HD13	1:69:A:MET:HE1	7	0.14
(6,786)	1:63:A:ILE:HD13	1:69:A:MET:HE2	7	0.14
(6,786)	1:63:A:ILE:HD13	1:69:A:MET:HE3	7	0.14
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	13	0.14
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	13	0.14
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	13	0.14
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	13	0.14
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	13	0.14
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	13	0.14
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	13	0.14
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	13	0.14
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	13	0.14
(6,772)	1:101:A:ILE:HD11	1:119:A:LEU:HG	8	0.14
(6,772)	1:101:A:ILE:HD12	1:119:A:LEU:HG	8	0.14
(6,772)	1:101:A:ILE:HD13	1:119:A:LEU:HG	8	0.14
(6,749)	1:141:A:LYS:H	1:143:A:TRP:HB2	17	0.14
(6,710)	1:48:A:ARG:HE	1:49:A:LYS:H	17	0.14
(6,697)	1:23:A:LEU:HA	1:25:A:ALA:H	6	0.14
(6,668)	1:124:A:THR:H	1:126:A:GLY:H	10	0.14
(6,668)	1:124:A:THR:H	1:126:A:GLY:H	13	0.14
(6,668)	1:124:A:THR:H	1:126:A:GLY:H	17	0.14
(6,662)	1:63:A:ILE:HD11	1:116:A:GLN:H	5	0.14
(6,662)	1:63:A:ILE:HD12	1:116:A:GLN:H	5	0.14
(6,662)	1:63:A:ILE:HD13	1:116:A:GLN:H	5	0.14
(6,662)	1:63:A:ILE:HD11	1:116:A:GLN:H	11	0.14
(6,662)	1:63:A:ILE:HD12	1:116:A:GLN:H	11	0.14
(6,662)	1:63:A:ILE:HD13	1:116:A:GLN:H	11	0.14
(6,615)	1:118:A:ASP:HB3	1:120:A:CYS:H	4	0.14
(6,613)	1:118:A:ASP:H	1:120:A:CYS:H	4	0.14
(6,609)	1:14:A:VAL:HB	1:16:A:SER:H	2	0.14
(6,584)	1:74:A:PRO:HD2	1:75:A:GLY:H	5	0.14
(6,584)	1:74:A:PRO:HD2	1:75:A:GLY:H	9	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,584)	1:74:A:PRO:HD2	1:75:A:GLY:H	17	0.14
(6,584)	1:74:A:PRO:HD2	1:75:A:GLY:H	18	0.14
(6,574)	1:127:A:CYS:HB2	1:130:A:GLY:H	9	0.14
(6,574)	1:127:A:CYS:HB2	1:130:A:GLY:H	19	0.14
(6,538)	1:60:A:LEU:HD11	1:61:A:SER:H	10	0.14
(6,538)	1:60:A:LEU:HD12	1:61:A:SER:H	10	0.14
(6,538)	1:60:A:LEU:HD13	1:61:A:SER:H	10	0.14
(6,349)	1:104:A:PHE:H	1:106:A:ASP:H	8	0.14
(6,157)	1:127:A:CYS:H	1:128:A:LEU:HB2	17	0.14
(6,142)	1:59:A:CYS:H	1:60:A:LEU:HD21	6	0.14
(6,142)	1:59:A:CYS:H	1:60:A:LEU:HD22	6	0.14
(6,142)	1:59:A:CYS:H	1:60:A:LEU:HD23	6	0.14
(6,93)	1:96:A:VAL:HB	1:97:A:ASP:H	12	0.14
(6,93)	1:96:A:VAL:HB	1:97:A:ASP:H	13	0.14
(6,93)	1:96:A:VAL:HB	1:97:A:ASP:H	16	0.14
(6,65)	1:81:A:GLU:H	1:81:A:GLU:HG2	6	0.14
(6,65)	1:81:A:GLU:H	1:81:A:GLU:HG3	6	0.14
(6,15)	1:64:A:LYS:H	1:64:A:LYS:HD2	12	0.14
(6,15)	1:64:A:LYS:H	1:64:A:LYS:HD3	12	0.14
(6,10)	1:64:A:LYS:H	1:64:A:LYS:HE2	4	0.14
(6,10)	1:64:A:LYS:H	1:64:A:LYS:HE3	4	0.14
(5,2408)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	1	0.14
(5,2408)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	1	0.14
(5,2392)	1:126:A:GLY:H	1:129:A:LYS:HG2	8	0.14
(5,2392)	1:126:A:GLY:H	1:129:A:LYS:HG3	8	0.14
(5,2333)	1:107:A:LEU:HD11	1:115:A:ALA:H	3	0.14
(5,2333)	1:107:A:LEU:HD12	1:115:A:ALA:H	3	0.14
(5,2333)	1:107:A:LEU:HD13	1:115:A:ALA:H	3	0.14
(5,2333)	1:107:A:LEU:HD21	1:115:A:ALA:H	3	0.14
(5,2333)	1:107:A:LEU:HD22	1:115:A:ALA:H	3	0.14
(5,2333)	1:107:A:LEU:HD23	1:115:A:ALA:H	3	0.14
(5,2326)	1:107:A:LEU:HD11	1:108:A:GLU:H	15	0.14
(5,2326)	1:107:A:LEU:HD12	1:108:A:GLU:H	15	0.14
(5,2326)	1:107:A:LEU:HD13	1:108:A:GLU:H	15	0.14
(5,2326)	1:107:A:LEU:HD21	1:108:A:GLU:H	15	0.14
(5,2326)	1:107:A:LEU:HD22	1:108:A:GLU:H	15	0.14
(5,2326)	1:107:A:LEU:HD23	1:108:A:GLU:H	15	0.14
(5,2304)	1:101:A:ILE:H	1:119:A:LEU:HD11	8	0.14
(5,2304)	1:101:A:ILE:H	1:119:A:LEU:HD12	8	0.14
(5,2304)	1:101:A:ILE:H	1:119:A:LEU:HD13	8	0.14
(5,2304)	1:101:A:ILE:H	1:119:A:LEU:HD21	8	0.14
(5,2304)	1:101:A:ILE:H	1:119:A:LEU:HD22	8	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2304)	1:101:A:ILE:H	1:119:A:LEU:HD23	8	0.14
(5,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	7	0.14
(5,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	7	0.14
(5,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	7	0.14
(5,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	7	0.14
(5,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	7	0.14
(5,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	7	0.14
(5,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	7	0.14
(5,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	7	0.14
(5,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	7	0.14
(5,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	7	0.14
(5,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	7	0.14
(5,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	7	0.14
(5,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	7	0.14
(5,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	7	0.14
(5,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	7	0.14
(5,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	7	0.14
(5,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	7	0.14
(5,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	7	0.14
(5,2250)	1:70:A:LYS:HG2	1:71:A:LYS:H	13	0.14
(5,2250)	1:70:A:LYS:HG3	1:71:A:LYS:H	13	0.14
(5,2248)	1:70:A:LYS:H	1:70:A:LYS:HD2	19	0.14
(5,2248)	1:70:A:LYS:H	1:70:A:LYS:HD3	19	0.14
(5,2232)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	12	0.14
(5,2232)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	12	0.14
(5,2214)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	8	0.14
(5,2214)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	8	0.14
(5,2214)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	8	0.14
(5,2214)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	8	0.14
(5,2214)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	8	0.14
(5,2214)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	8	0.14
(5,2214)	1:63:A:ILE:HD11	1:113:A:PHE:HB2	15	0.14
(5,2214)	1:63:A:ILE:HD11	1:113:A:PHE:HB3	15	0.14
(5,2214)	1:63:A:ILE:HD12	1:113:A:PHE:HB2	15	0.14
(5,2214)	1:63:A:ILE:HD12	1:113:A:PHE:HB3	15	0.14
(5,2214)	1:63:A:ILE:HD13	1:113:A:PHE:HB2	15	0.14
(5,2214)	1:63:A:ILE:HD13	1:113:A:PHE:HB3	15	0.14
(5,2173)	1:50:A:ALA:H	1:130:A:GLY:HA2	15	0.14
(5,2173)	1:50:A:ALA:H	1:130:A:GLY:HA3	15	0.14
(5,2135)	1:43:A:MET:H	1:43:A:MET:HG2	14	0.14
(5,2135)	1:43:A:MET:H	1:43:A:MET:HG3	14	0.14
(5,2067)	1:35:A:LEU:HD11	1:143:A:TRP:HE1	18	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2067)	1:35:A:LEU:HD12	1:143:A:TRP:HE1	18	0.14
(5,2067)	1:35:A:LEU:HD13	1:143:A:TRP:HE1	18	0.14
(5,2067)	1:35:A:LEU:HD21	1:143:A:TRP:HE1	18	0.14
(5,2067)	1:35:A:LEU:HD22	1:143:A:TRP:HE1	18	0.14
(5,2067)	1:35:A:LEU:HD23	1:143:A:TRP:HE1	18	0.14
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	12	0.14
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	12	0.14
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	12	0.14
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	12	0.14
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	12	0.14
(5,2045)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	12	0.14
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	12	0.14
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	12	0.14
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	12	0.14
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	12	0.14
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	12	0.14
(5,2045)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	12	0.14
(5,1963)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	15	0.14
(5,1963)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	15	0.14
(5,1963)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	15	0.14
(5,1963)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	15	0.14
(5,1960)	1:10:A:ASN:HD21	1:13:A:ALA:HB1	15	0.14
(5,1960)	1:10:A:ASN:HD21	1:13:A:ALA:HB2	15	0.14
(5,1960)	1:10:A:ASN:HD21	1:13:A:ALA:HB3	15	0.14
(5,1960)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	15	0.14
(5,1960)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	15	0.14
(5,1960)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	15	0.14
(5,1941)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	2	0.14
(5,1941)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	2	0.14
(5,1923)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	4	0.14
(5,1923)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	4	0.14
(5,1923)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	4	0.14
(5,1923)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	4	0.14
(5,1902)	1:71:A:LYS:HA	1:72:A:PHE:HD1	19	0.14
(5,1902)	1:71:A:LYS:HA	1:72:A:PHE:HD2	19	0.14
(5,1892)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	7	0.14
(5,1892)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	7	0.14
(5,1891)	1:113:A:PHE:HE1	1:114:A:ILE:HA	1	0.14
(5,1891)	1:113:A:PHE:HE2	1:114:A:ILE:HA	1	0.14
(5,1868)	1:61:A:SER:HA	1:62:A:HIS:HD2	19	0.14
(5,1865)	1:61:A:SER:H	1:62:A:HIS:HD2	19	0.14
(5,1860)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	7	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1860)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	7	0.14
(5,1814)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	9	0.14
(5,1814)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	9	0.14
(5,1814)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	9	0.14
(5,1814)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	9	0.14
(5,1814)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	9	0.14
(5,1814)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	9	0.14
(5,1814)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	9	0.14
(5,1814)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	9	0.14
(5,1814)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	9	0.14
(5,1814)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	9	0.14
(5,1814)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	9	0.14
(5,1814)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	9	0.14
(5,1801)	1:9:A:PHE:HE1	1:54:A:ARG:HA	12	0.14
(5,1801)	1:9:A:PHE:HE2	1:54:A:ARG:HA	12	0.14
(5,1789)	1:57:A:LEU:HG	1:60:A:LEU:HG	1	0.14
(5,1753)	1:68:A:LYS:HA	1:71:A:LYS:HB2	6	0.14
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG21	13	0.14
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG22	13	0.14
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG23	13	0.14
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG21	13	0.14
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG22	13	0.14
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG23	13	0.14
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG21	13	0.14
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG22	13	0.14
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG23	13	0.14
(5,1724)	1:34:A:LYS:HA	1:35:A:LEU:HB3	7	0.14
(5,1706)	1:69:A:MET:HA	1:109:A:PRO:HA	4	0.14
(5,1693)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	8	0.14
(5,1693)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	8	0.14
(5,1642)	1:79:A:THR:H	1:80:A:TYR:HA	1	0.14
(5,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	2	0.14
(5,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	2	0.14
(5,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	2	0.14
(5,1583)	1:11:A:ILE:HD11	1:14:A:VAL:H	5	0.14
(5,1583)	1:11:A:ILE:HD12	1:14:A:VAL:H	5	0.14
(5,1583)	1:11:A:ILE:HD13	1:14:A:VAL:H	5	0.14
(5,1537)	1:69:A:MET:HE1	1:113:A:PHE:HD1	8	0.14
(5,1537)	1:69:A:MET:HE1	1:113:A:PHE:HD2	8	0.14
(5,1537)	1:69:A:MET:HE2	1:113:A:PHE:HD1	8	0.14
(5,1537)	1:69:A:MET:HE2	1:113:A:PHE:HD2	8	0.14
(5,1537)	1:69:A:MET:HE3	1:113:A:PHE:HD1	8	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1537)	1:69:A:MET:HE3	1:113:A:PHE:HD2	8	0.14
(5,1477)	1:13:A:ALA:HB1	1:61:A:SER:HA	17	0.14
(5,1477)	1:13:A:ALA:HB2	1:61:A:SER:HA	17	0.14
(5,1477)	1:13:A:ALA:HB3	1:61:A:SER:HA	17	0.14
(5,1453)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	7	0.14
(5,1453)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	7	0.14
(5,1453)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	7	0.14
(5,1453)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	7	0.14
(5,1453)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	7	0.14
(5,1453)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	7	0.14
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	13	0.14
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	13	0.14
(5,1427)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	13	0.14
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	13	0.14
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	13	0.14
(5,1427)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	13	0.14
(5,1414)	1:9:A:PHE:HE1	1:11:A:ILE:HG21	2	0.14
(5,1414)	1:9:A:PHE:HE1	1:11:A:ILE:HG22	2	0.14
(5,1414)	1:9:A:PHE:HE1	1:11:A:ILE:HG23	2	0.14
(5,1414)	1:9:A:PHE:HE2	1:11:A:ILE:HG21	2	0.14
(5,1414)	1:9:A:PHE:HE2	1:11:A:ILE:HG22	2	0.14
(5,1414)	1:9:A:PHE:HE2	1:11:A:ILE:HG23	2	0.14
(5,1377)	1:120:A:CYS:HA	1:121:A:VAL:HG11	17	0.14
(5,1377)	1:120:A:CYS:HA	1:121:A:VAL:HG12	17	0.14
(5,1377)	1:120:A:CYS:HA	1:121:A:VAL:HG13	17	0.14
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG11	15	0.14
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG12	15	0.14
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG13	15	0.14
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG11	16	0.14
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG12	16	0.14
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG13	16	0.14
(5,1364)	1:125:A:THR:HG21	1:128:A:LEU:HB2	5	0.14
(5,1364)	1:125:A:THR:HG22	1:128:A:LEU:HB2	5	0.14
(5,1364)	1:125:A:THR:HG23	1:128:A:LEU:HB2	5	0.14
(5,1364)	1:125:A:THR:HG21	1:128:A:LEU:HB2	17	0.14
(5,1364)	1:125:A:THR:HG22	1:128:A:LEU:HB2	17	0.14
(5,1364)	1:125:A:THR:HG23	1:128:A:LEU:HB2	17	0.14
(5,1308)	1:13:A:ALA:HB1	1:14:A:VAL:HG21	8	0.14
(5,1308)	1:13:A:ALA:HB1	1:14:A:VAL:HG22	8	0.14
(5,1308)	1:13:A:ALA:HB1	1:14:A:VAL:HG23	8	0.14
(5,1308)	1:13:A:ALA:HB2	1:14:A:VAL:HG21	8	0.14
(5,1308)	1:13:A:ALA:HB2	1:14:A:VAL:HG22	8	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1308)	1:13:A:ALA:HB2	1:14:A:VAL:HG23	8	0.14
(5,1308)	1:13:A:ALA:HB3	1:14:A:VAL:HG21	8	0.14
(5,1308)	1:13:A:ALA:HB3	1:14:A:VAL:HG22	8	0.14
(5,1308)	1:13:A:ALA:HB3	1:14:A:VAL:HG23	8	0.14
(5,1290)	1:44:A:GLU:HB2	1:45:A:ALA:HA	19	0.14
(5,1290)	1:44:A:GLU:HB3	1:45:A:ALA:HA	19	0.14
(5,1274)	1:39:A:VAL:H	1:39:A:VAL:HG21	18	0.14
(5,1274)	1:39:A:VAL:H	1:39:A:VAL:HG22	18	0.14
(5,1274)	1:39:A:VAL:H	1:39:A:VAL:HG23	18	0.14
(5,1256)	1:40:A:LEU:HA	1:40:A:LEU:HD11	15	0.14
(5,1256)	1:40:A:LEU:HA	1:40:A:LEU:HD12	15	0.14
(5,1256)	1:40:A:LEU:HA	1:40:A:LEU:HD13	15	0.14
(5,1238)	1:136:A:CYS:HA	1:140:A:LEU:HD11	6	0.14
(5,1238)	1:136:A:CYS:HA	1:140:A:LEU:HD12	6	0.14
(5,1238)	1:136:A:CYS:HA	1:140:A:LEU:HD13	6	0.14
(5,1180)	1:136:A:CYS:HA	1:140:A:LEU:HD21	3	0.14
(5,1180)	1:136:A:CYS:HA	1:140:A:LEU:HD22	3	0.14
(5,1180)	1:136:A:CYS:HA	1:140:A:LEU:HD23	3	0.14
(5,1056)	1:111:A:GLU:HA	1:114:A:ILE:HG12	4	0.14
(5,1005)	1:14:A:VAL:HG21	1:61:A:SER:HB3	7	0.14
(5,1005)	1:14:A:VAL:HG22	1:61:A:SER:HB3	7	0.14
(5,1005)	1:14:A:VAL:HG23	1:61:A:SER:HB3	7	0.14
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD2	10	0.14
(5,986)	1:104:A:PHE:H	1:105:A:LYS:HD3	10	0.14
(5,977)	1:47:A:ALA:HB1	1:134:A:VAL:HB	17	0.14
(5,977)	1:47:A:ALA:HB2	1:134:A:VAL:HB	17	0.14
(5,977)	1:47:A:ALA:HB3	1:134:A:VAL:HB	17	0.14
(5,957)	1:96:A:VAL:HB	1:97:A:ASP:H	1	0.14
(5,914)	1:43:A:MET:HA	1:44:A:GLU:HG2	1	0.14
(5,909)	1:19:A:ALA:HB1	1:20:A:THR:HB	4	0.14
(5,909)	1:19:A:ALA:HB2	1:20:A:THR:HB	4	0.14
(5,909)	1:19:A:ALA:HB3	1:20:A:THR:HB	4	0.14
(5,867)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	6	0.14
(5,867)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	6	0.14
(5,845)	1:68:A:LYS:HA	1:68:A:LYS:HE2	17	0.14
(5,845)	1:68:A:LYS:HA	1:68:A:LYS:HE3	17	0.14
(5,832)	1:110:A:MET:HG2	1:114:A:ILE:HD11	17	0.14
(5,832)	1:110:A:MET:HG2	1:114:A:ILE:HD12	17	0.14
(5,832)	1:110:A:MET:HG2	1:114:A:ILE:HD13	17	0.14
(5,832)	1:110:A:MET:HG3	1:114:A:ILE:HD11	17	0.14
(5,832)	1:110:A:MET:HG3	1:114:A:ILE:HD12	17	0.14
(5,832)	1:110:A:MET:HG3	1:114:A:ILE:HD13	17	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,792)	1:63:A:ILE:HD11	1:69:A:MET:HE1	7	0.14
(5,792)	1:63:A:ILE:HD11	1:69:A:MET:HE2	7	0.14
(5,792)	1:63:A:ILE:HD11	1:69:A:MET:HE3	7	0.14
(5,792)	1:63:A:ILE:HD12	1:69:A:MET:HE1	7	0.14
(5,792)	1:63:A:ILE:HD12	1:69:A:MET:HE2	7	0.14
(5,792)	1:63:A:ILE:HD12	1:69:A:MET:HE3	7	0.14
(5,792)	1:63:A:ILE:HD13	1:69:A:MET:HE1	7	0.14
(5,792)	1:63:A:ILE:HD13	1:69:A:MET:HE2	7	0.14
(5,792)	1:63:A:ILE:HD13	1:69:A:MET:HE3	7	0.14
(5,788)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	11	0.14
(5,788)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	11	0.14
(5,788)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	11	0.14
(5,788)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	11	0.14
(5,788)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	11	0.14
(5,788)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	11	0.14
(5,788)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	19	0.14
(5,788)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	19	0.14
(5,788)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	19	0.14
(5,788)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	19	0.14
(5,788)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	19	0.14
(5,788)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	19	0.14
(5,747)	1:147:A:ARG:HA	1:147:A:ARG:HE	12	0.14
(5,694)	1:56:A:CYS:H	1:122:A:ASP:HB2	16	0.14
(5,670)	1:63:A:ILE:HG12	1:117:A:VAL:H	2	0.14
(5,670)	1:63:A:ILE:HG12	1:117:A:VAL:H	19	0.14
(5,662)	1:108:A:GLU:H	1:112:A:GLN:H	6	0.14
(5,662)	1:108:A:GLU:H	1:112:A:GLN:H	12	0.14
(5,576)	1:116:A:GLN:HB2	1:116:A:GLN:HE22	7	0.14
(5,576)	1:116:A:GLN:HB3	1:116:A:GLN:HE22	7	0.14
(5,569)	1:11:A:ILE:HD11	1:16:A:SER:H	9	0.14
(5,569)	1:11:A:ILE:HD12	1:16:A:SER:H	9	0.14
(5,569)	1:11:A:ILE:HD13	1:16:A:SER:H	9	0.14
(5,345)	1:104:A:PHE:H	1:106:A:ASP:H	8	0.14
(5,329)	1:57:A:LEU:H	1:58:A:ILE:HB	11	0.14
(5,329)	1:57:A:LEU:H	1:58:A:ILE:HB	15	0.14
(5,320)	1:140:A:LEU:H	1:140:A:LEU:HG	15	0.14
(5,311)	1:56:A:CYS:HA	1:122:A:ASP:H	16	0.14
(5,266)	1:112:A:GLN:H	1:112:A:GLN:HE21	1	0.14
(5,242)	1:58:A:ILE:H	1:58:A:ILE:HD11	14	0.14
(5,242)	1:58:A:ILE:H	1:58:A:ILE:HD12	14	0.14
(5,242)	1:58:A:ILE:H	1:58:A:ILE:HD13	14	0.14
(5,242)	1:58:A:ILE:H	1:58:A:ILE:HD11	15	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,242)	1:58:A:ILE:H	1:58:A:ILE:HD12	15	0.14
(5,242)	1:58:A:ILE:H	1:58:A:ILE:HD13	15	0.14
(5,242)	1:58:A:ILE:H	1:58:A:ILE:HD11	19	0.14
(5,242)	1:58:A:ILE:H	1:58:A:ILE:HD12	19	0.14
(5,242)	1:58:A:ILE:H	1:58:A:ILE:HD13	19	0.14
(5,237)	1:23:A:LEU:HB2	1:24:A:ASP:H	11	0.14
(5,237)	1:23:A:LEU:HB3	1:24:A:ASP:H	11	0.14
(5,229)	1:10:A:ASN:H	1:14:A:VAL:HG21	6	0.14
(5,229)	1:10:A:ASN:H	1:14:A:VAL:HG22	6	0.14
(5,229)	1:10:A:ASN:H	1:14:A:VAL:HG23	6	0.14
(5,152)	1:127:A:CYS:H	1:128:A:LEU:HB2	17	0.14
(5,55)	1:115:A:ALA:HA	1:117:A:VAL:H	9	0.14
(5,15)	1:64:A:LYS:H	1:64:A:LYS:HD2	12	0.14
(5,15)	1:64:A:LYS:H	1:64:A:LYS:HD3	12	0.14
(5,13)	1:63:A:ILE:HB	1:64:A:LYS:H	19	0.14
(4,2477)	1:150:A:THR:H	1:151:A:PHE:HB2	14	0.14
(4,2477)	1:150:A:THR:H	1:151:A:PHE:HB3	14	0.14
(4,2414)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	18	0.14
(4,2414)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	18	0.14
(4,2363)	1:114:A:ILE:HD11	1:117:A:VAL:HG11	16	0.14
(4,2363)	1:114:A:ILE:HD11	1:117:A:VAL:HG12	16	0.14
(4,2363)	1:114:A:ILE:HD11	1:117:A:VAL:HG13	16	0.14
(4,2363)	1:114:A:ILE:HD11	1:117:A:VAL:HG21	16	0.14
(4,2363)	1:114:A:ILE:HD11	1:117:A:VAL:HG22	16	0.14
(4,2363)	1:114:A:ILE:HD11	1:117:A:VAL:HG23	16	0.14
(4,2363)	1:114:A:ILE:HD12	1:117:A:VAL:HG11	16	0.14
(4,2363)	1:114:A:ILE:HD12	1:117:A:VAL:HG12	16	0.14
(4,2363)	1:114:A:ILE:HD12	1:117:A:VAL:HG13	16	0.14
(4,2363)	1:114:A:ILE:HD12	1:117:A:VAL:HG21	16	0.14
(4,2363)	1:114:A:ILE:HD12	1:117:A:VAL:HG22	16	0.14
(4,2363)	1:114:A:ILE:HD12	1:117:A:VAL:HG23	16	0.14
(4,2363)	1:114:A:ILE:HD13	1:117:A:VAL:HG11	16	0.14
(4,2363)	1:114:A:ILE:HD13	1:117:A:VAL:HG12	16	0.14
(4,2363)	1:114:A:ILE:HD13	1:117:A:VAL:HG13	16	0.14
(4,2363)	1:114:A:ILE:HD13	1:117:A:VAL:HG21	16	0.14
(4,2363)	1:114:A:ILE:HD13	1:117:A:VAL:HG22	16	0.14
(4,2363)	1:114:A:ILE:HD13	1:117:A:VAL:HG23	16	0.14
(4,2324)	1:107:A:LEU:H	1:107:A:LEU:HD11	17	0.14
(4,2324)	1:107:A:LEU:H	1:107:A:LEU:HD12	17	0.14
(4,2324)	1:107:A:LEU:H	1:107:A:LEU:HD13	17	0.14
(4,2324)	1:107:A:LEU:H	1:107:A:LEU:HD21	17	0.14
(4,2324)	1:107:A:LEU:H	1:107:A:LEU:HD22	17	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2324)	1:107:A:LEU:H	1:107:A:LEU:HD23	17	0.14
(4,2271)	1:81:A:GLU:H	1:81:A:GLU:HB2	12	0.14
(4,2271)	1:81:A:GLU:H	1:81:A:GLU:HB3	12	0.14
(4,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB2	10	0.14
(4,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB3	10	0.14
(4,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB2	10	0.14
(4,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB3	10	0.14
(4,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB2	10	0.14
(4,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB3	10	0.14
(4,2237)	1:69:A:MET:HG2	1:109:A:PRO:HA	12	0.14
(4,2237)	1:69:A:MET:HG3	1:109:A:PRO:HA	12	0.14
(4,2230)	1:68:A:LYS:H	1:70:A:LYS:HG2	8	0.14
(4,2230)	1:68:A:LYS:H	1:70:A:LYS:HG3	8	0.14
(4,2194)	1:59:A:CYS:HA	1:60:A:LEU:HD11	12	0.14
(4,2194)	1:59:A:CYS:HA	1:60:A:LEU:HD12	12	0.14
(4,2194)	1:59:A:CYS:HA	1:60:A:LEU:HD13	12	0.14
(4,2194)	1:59:A:CYS:HA	1:60:A:LEU:HD21	12	0.14
(4,2194)	1:59:A:CYS:HA	1:60:A:LEU:HD22	12	0.14
(4,2194)	1:59:A:CYS:HA	1:60:A:LEU:HD23	12	0.14
(4,2125)	1:40:A:LEU:HD11	1:44:A:GLU:H	7	0.14
(4,2125)	1:40:A:LEU:HD12	1:44:A:GLU:H	7	0.14
(4,2125)	1:40:A:LEU:HD13	1:44:A:GLU:H	7	0.14
(4,2125)	1:40:A:LEU:HD21	1:44:A:GLU:H	7	0.14
(4,2125)	1:40:A:LEU:HD22	1:44:A:GLU:H	7	0.14
(4,2125)	1:40:A:LEU:HD23	1:44:A:GLU:H	7	0.14
(4,2125)	1:40:A:LEU:HD11	1:44:A:GLU:H	16	0.14
(4,2125)	1:40:A:LEU:HD12	1:44:A:GLU:H	16	0.14
(4,2125)	1:40:A:LEU:HD13	1:44:A:GLU:H	16	0.14
(4,2125)	1:40:A:LEU:HD21	1:44:A:GLU:H	16	0.14
(4,2125)	1:40:A:LEU:HD22	1:44:A:GLU:H	16	0.14
(4,2125)	1:40:A:LEU:HD23	1:44:A:GLU:H	16	0.14
(4,2105)	1:39:A:VAL:HG11	1:139:A:LEU:HD11	18	0.14
(4,2105)	1:39:A:VAL:HG11	1:139:A:LEU:HD12	18	0.14
(4,2105)	1:39:A:VAL:HG11	1:139:A:LEU:HD13	18	0.14
(4,2105)	1:39:A:VAL:HG11	1:139:A:LEU:HD21	18	0.14
(4,2105)	1:39:A:VAL:HG11	1:139:A:LEU:HD22	18	0.14
(4,2105)	1:39:A:VAL:HG11	1:139:A:LEU:HD23	18	0.14
(4,2105)	1:39:A:VAL:HG12	1:139:A:LEU:HD11	18	0.14
(4,2105)	1:39:A:VAL:HG12	1:139:A:LEU:HD12	18	0.14
(4,2105)	1:39:A:VAL:HG12	1:139:A:LEU:HD13	18	0.14
(4,2105)	1:39:A:VAL:HG12	1:139:A:LEU:HD21	18	0.14
(4,2105)	1:39:A:VAL:HG12	1:139:A:LEU:HD22	18	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2105)	1:39:A:VAL:HG12	1:139:A:LEU:HD23	18	0.14
(4,2105)	1:39:A:VAL:HG13	1:139:A:LEU:HD11	18	0.14
(4,2105)	1:39:A:VAL:HG13	1:139:A:LEU:HD12	18	0.14
(4,2105)	1:39:A:VAL:HG13	1:139:A:LEU:HD13	18	0.14
(4,2105)	1:39:A:VAL:HG13	1:139:A:LEU:HD21	18	0.14
(4,2105)	1:39:A:VAL:HG13	1:139:A:LEU:HD22	18	0.14
(4,2105)	1:39:A:VAL:HG13	1:139:A:LEU:HD23	18	0.14
(4,2105)	1:39:A:VAL:HG21	1:139:A:LEU:HD11	18	0.14
(4,2105)	1:39:A:VAL:HG21	1:139:A:LEU:HD12	18	0.14
(4,2105)	1:39:A:VAL:HG21	1:139:A:LEU:HD13	18	0.14
(4,2105)	1:39:A:VAL:HG21	1:139:A:LEU:HD21	18	0.14
(4,2105)	1:39:A:VAL:HG21	1:139:A:LEU:HD22	18	0.14
(4,2105)	1:39:A:VAL:HG21	1:139:A:LEU:HD23	18	0.14
(4,2105)	1:39:A:VAL:HG22	1:139:A:LEU:HD11	18	0.14
(4,2105)	1:39:A:VAL:HG22	1:139:A:LEU:HD12	18	0.14
(4,2105)	1:39:A:VAL:HG22	1:139:A:LEU:HD13	18	0.14
(4,2105)	1:39:A:VAL:HG22	1:139:A:LEU:HD21	18	0.14
(4,2105)	1:39:A:VAL:HG22	1:139:A:LEU:HD22	18	0.14
(4,2105)	1:39:A:VAL:HG22	1:139:A:LEU:HD23	18	0.14
(4,2105)	1:39:A:VAL:HG23	1:139:A:LEU:HD11	18	0.14
(4,2105)	1:39:A:VAL:HG23	1:139:A:LEU:HD12	18	0.14
(4,2105)	1:39:A:VAL:HG23	1:139:A:LEU:HD13	18	0.14
(4,2105)	1:39:A:VAL:HG23	1:139:A:LEU:HD21	18	0.14
(4,2105)	1:39:A:VAL:HG23	1:139:A:LEU:HD22	18	0.14
(4,2105)	1:39:A:VAL:HG23	1:139:A:LEU:HD23	18	0.14
(4,2089)	1:38:A:GLU:HB2	1:139:A:LEU:HD11	17	0.14
(4,2089)	1:38:A:GLU:HB2	1:139:A:LEU:HD12	17	0.14
(4,2089)	1:38:A:GLU:HB2	1:139:A:LEU:HD13	17	0.14
(4,2089)	1:38:A:GLU:HB2	1:139:A:LEU:HD21	17	0.14
(4,2089)	1:38:A:GLU:HB2	1:139:A:LEU:HD22	17	0.14
(4,2089)	1:38:A:GLU:HB2	1:139:A:LEU:HD23	17	0.14
(4,2078)	1:35:A:LEU:HD11	1:143:A:TRP:HE1	18	0.14
(4,2078)	1:35:A:LEU:HD12	1:143:A:TRP:HE1	18	0.14
(4,2078)	1:35:A:LEU:HD13	1:143:A:TRP:HE1	18	0.14
(4,2078)	1:35:A:LEU:HD21	1:143:A:TRP:HE1	18	0.14
(4,2078)	1:35:A:LEU:HD22	1:143:A:TRP:HE1	18	0.14
(4,2078)	1:35:A:LEU:HD23	1:143:A:TRP:HE1	18	0.14
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	12	0.14
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	12	0.14
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	12	0.14
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	12	0.14
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	12	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2060)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	12	0.14
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	12	0.14
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	12	0.14
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	12	0.14
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	12	0.14
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	12	0.14
(4,2060)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	12	0.14
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG11	17	0.14
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG12	17	0.14
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG13	17	0.14
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG21	17	0.14
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG22	17	0.14
(4,1992)	1:15:A:ALA:H	1:134:A:VAL:HG23	17	0.14
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD11	17	0.14
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD12	17	0.14
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD13	17	0.14
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD21	17	0.14
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD22	17	0.14
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD23	17	0.14
(4,1957)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	8	0.14
(4,1957)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	8	0.14
(4,1957)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	8	0.14
(4,1957)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	8	0.14
(4,1957)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	8	0.14
(4,1957)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	8	0.14
(4,1957)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	8	0.14
(4,1957)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	8	0.14
(4,1957)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	8	0.14
(4,1957)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	8	0.14
(4,1957)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	8	0.14
(4,1957)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	8	0.14
(4,1957)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	8	0.14
(4,1957)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	8	0.14
(4,1957)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	8	0.14
(4,1957)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	8	0.14
(4,1957)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	8	0.14
(4,1957)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	8	0.14
(4,1939)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	19	0.14
(4,1939)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	19	0.14
(4,1939)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	19	0.14
(4,1939)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	19	0.14
(4,1939)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	19	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1939)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	19	0.14
(4,1939)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	19	0.14
(4,1939)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	19	0.14
(4,1939)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	19	0.14
(4,1939)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	19	0.14
(4,1939)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	19	0.14
(4,1939)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	19	0.14
(4,1939)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	19	0.14
(4,1939)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	19	0.14
(4,1939)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	19	0.14
(4,1939)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	19	0.14
(4,1939)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	19	0.14
(4,1939)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	19	0.14
(4,1927)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	15	0.14
(4,1927)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	15	0.14
(4,1927)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	15	0.14
(4,1927)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	15	0.14
(4,1923)	1:10:A:ASN:HB2	1:61:A:SER:HB2	10	0.14
(4,1923)	1:10:A:ASN:HB2	1:61:A:SER:HB3	10	0.14
(4,1923)	1:10:A:ASN:HB3	1:61:A:SER:HB2	10	0.14
(4,1923)	1:10:A:ASN:HB3	1:61:A:SER:HB3	10	0.14
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	6	0.14
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	6	0.14
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	6	0.14
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	6	0.14
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	6	0.14
(4,1910)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	6	0.14
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	6	0.14
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	6	0.14
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	6	0.14
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	6	0.14
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	6	0.14
(4,1910)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	6	0.14
(4,1896)	1:142:A:LYS:HD2	1:143:A:TRP:HZ2	2	0.14
(4,1896)	1:142:A:LYS:HD3	1:143:A:TRP:HZ2	2	0.14
(4,1890)	1:58:A:ILE:HB	1:62:A:HIS:HE1	10	0.14
(4,1853)	1:71:A:LYS:HA	1:72:A:PHE:HD1	19	0.14
(4,1853)	1:71:A:LYS:HA	1:72:A:PHE:HD2	19	0.14
(4,1824)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	19	0.14
(4,1824)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	19	0.14
(4,1817)	1:61:A:SER:H	1:62:A:HIS:HD2	19	0.14
(4,1804)	1:9:A:PHE:HZ	1:54:A:ARG:HA	15	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1803)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	13	0.14
(4,1803)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	13	0.14
(4,1803)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	13	0.14
(4,1794)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	16	0.14
(4,1794)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	16	0.14
(4,1707)	1:68:A:LYS:HA	1:71:A:LYS:HB2	6	0.14
(4,1706)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	1	0.14
(4,1706)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	1	0.14
(4,1706)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	1	0.14
(4,1683)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	12	0.14
(4,1681)	1:34:A:LYS:HA	1:35:A:LEU:HB3	7	0.14
(4,1663)	1:69:A:MET:HA	1:109:A:PRO:HA	12	0.14
(4,1655)	1:125:A:THR:HA	1:128:A:LEU:HA	14	0.14
(4,1650)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	8	0.14
(4,1650)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	8	0.14
(4,1605)	1:79:A:THR:H	1:80:A:TYR:HA	1	0.14
(4,1583)	1:120:A:CYS:H	1:121:A:VAL:HG21	10	0.14
(4,1583)	1:120:A:CYS:H	1:121:A:VAL:HG22	10	0.14
(4,1583)	1:120:A:CYS:H	1:121:A:VAL:HG23	10	0.14
(4,1562)	1:101:A:ILE:HD11	1:112:A:GLN:HA	2	0.14
(4,1562)	1:101:A:ILE:HD12	1:112:A:GLN:HA	2	0.14
(4,1562)	1:101:A:ILE:HD13	1:112:A:GLN:HA	2	0.14
(4,1539)	1:38:A:GLU:HB2	1:139:A:LEU:HD11	1	0.14
(4,1539)	1:38:A:GLU:HB2	1:139:A:LEU:HD12	1	0.14
(4,1539)	1:38:A:GLU:HB2	1:139:A:LEU:HD13	1	0.14
(4,1531)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	5	0.14
(4,1531)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	5	0.14
(4,1531)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	5	0.14
(4,1503)	1:69:A:MET:HE1	1:113:A:PHE:HD1	8	0.14
(4,1503)	1:69:A:MET:HE1	1:113:A:PHE:HD2	8	0.14
(4,1503)	1:69:A:MET:HE2	1:113:A:PHE:HD1	8	0.14
(4,1503)	1:69:A:MET:HE2	1:113:A:PHE:HD2	8	0.14
(4,1503)	1:69:A:MET:HE3	1:113:A:PHE:HD1	8	0.14
(4,1503)	1:69:A:MET:HE3	1:113:A:PHE:HD2	8	0.14
(4,1479)	1:47:A:ALA:HB1	1:48:A:ARG:HB2	13	0.14
(4,1479)	1:47:A:ALA:HB1	1:48:A:ARG:HB3	13	0.14
(4,1479)	1:47:A:ALA:HB2	1:48:A:ARG:HB2	13	0.14
(4,1479)	1:47:A:ALA:HB2	1:48:A:ARG:HB3	13	0.14
(4,1479)	1:47:A:ALA:HB3	1:48:A:ARG:HB2	13	0.14
(4,1479)	1:47:A:ALA:HB3	1:48:A:ARG:HB3	13	0.14
(4,1460)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	5	0.14
(4,1460)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	5	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1460)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	5	0.14
(4,1460)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	5	0.14
(4,1460)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	5	0.14
(4,1460)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	5	0.14
(4,1440)	1:13:A:ALA:HB1	1:79:A:THR:HA	19	0.14
(4,1440)	1:13:A:ALA:HB2	1:79:A:THR:HA	19	0.14
(4,1440)	1:13:A:ALA:HB3	1:79:A:THR:HA	19	0.14
(4,1417)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	7	0.14
(4,1417)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	7	0.14
(4,1417)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	7	0.14
(4,1417)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	7	0.14
(4,1417)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	7	0.14
(4,1417)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	7	0.14
(4,1407)	1:69:A:MET:HE1	1:73:A:ILE:HG21	19	0.14
(4,1407)	1:69:A:MET:HE1	1:73:A:ILE:HG22	19	0.14
(4,1407)	1:69:A:MET:HE1	1:73:A:ILE:HG23	19	0.14
(4,1407)	1:69:A:MET:HE2	1:73:A:ILE:HG21	19	0.14
(4,1407)	1:69:A:MET:HE2	1:73:A:ILE:HG22	19	0.14
(4,1407)	1:69:A:MET:HE2	1:73:A:ILE:HG23	19	0.14
(4,1407)	1:69:A:MET:HE3	1:73:A:ILE:HG21	19	0.14
(4,1407)	1:69:A:MET:HE3	1:73:A:ILE:HG22	19	0.14
(4,1407)	1:69:A:MET:HE3	1:73:A:ILE:HG23	19	0.14
(4,1353)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	8	0.14
(4,1353)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	8	0.14
(4,1353)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	8	0.14
(4,1295)	1:66:A:THR:HG21	1:98:A:ILE:HD11	14	0.14
(4,1295)	1:66:A:THR:HG21	1:98:A:ILE:HD12	14	0.14
(4,1295)	1:66:A:THR:HG21	1:98:A:ILE:HD13	14	0.14
(4,1295)	1:66:A:THR:HG22	1:98:A:ILE:HD11	14	0.14
(4,1295)	1:66:A:THR:HG22	1:98:A:ILE:HD12	14	0.14
(4,1295)	1:66:A:THR:HG22	1:98:A:ILE:HD13	14	0.14
(4,1295)	1:66:A:THR:HG23	1:98:A:ILE:HD11	14	0.14
(4,1295)	1:66:A:THR:HG23	1:98:A:ILE:HD12	14	0.14
(4,1295)	1:66:A:THR:HG23	1:98:A:ILE:HD13	14	0.14
(4,1273)	1:66:A:THR:HG21	1:104:A:PHE:HE1	16	0.14
(4,1273)	1:66:A:THR:HG21	1:104:A:PHE:HE2	16	0.14
(4,1273)	1:66:A:THR:HG22	1:104:A:PHE:HE1	16	0.14
(4,1273)	1:66:A:THR:HG22	1:104:A:PHE:HE2	16	0.14
(4,1273)	1:66:A:THR:HG23	1:104:A:PHE:HE1	16	0.14
(4,1273)	1:66:A:THR:HG23	1:104:A:PHE:HE2	16	0.14
(4,1267)	1:66:A:THR:HG21	1:70:A:LYS:H	7	0.14
(4,1267)	1:66:A:THR:HG22	1:70:A:LYS:H	7	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1267)	1:66:A:THR:HG23	1:70:A:LYS:H	7	0.14
(4,1235)	1:23:A:LEU:HA	1:23:A:LEU:HD11	4	0.14
(4,1235)	1:23:A:LEU:HA	1:23:A:LEU:HD12	4	0.14
(4,1235)	1:23:A:LEU:HA	1:23:A:LEU:HD13	4	0.14
(4,1225)	1:37:A:LEU:H	1:37:A:LEU:HD11	4	0.14
(4,1225)	1:37:A:LEU:H	1:37:A:LEU:HD12	4	0.14
(4,1225)	1:37:A:LEU:H	1:37:A:LEU:HD13	4	0.14
(4,1170)	1:23:A:LEU:HA	1:23:A:LEU:HD21	10	0.14
(4,1170)	1:23:A:LEU:HA	1:23:A:LEU:HD22	10	0.14
(4,1170)	1:23:A:LEU:HA	1:23:A:LEU:HD23	10	0.14
(4,1168)	1:23:A:LEU:HD21	1:24:A:ASP:H	15	0.14
(4,1168)	1:23:A:LEU:HD22	1:24:A:ASP:H	15	0.14
(4,1168)	1:23:A:LEU:HD23	1:24:A:ASP:H	15	0.14
(4,1064)	1:45:A:ALA:HA	1:48:A:ARG:HG2	13	0.14
(4,1064)	1:45:A:ALA:HA	1:48:A:ARG:HG3	13	0.14
(4,1062)	1:101:A:ILE:HG21	1:112:A:GLN:HA	10	0.14
(4,1062)	1:101:A:ILE:HG22	1:112:A:GLN:HA	10	0.14
(4,1062)	1:101:A:ILE:HG23	1:112:A:GLN:HA	10	0.14
(4,981)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	3	0.14
(4,981)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	14	0.14
(4,981)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	16	0.14
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	14	0.14
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	14	0.14
(4,911)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	14	0.14
(4,908)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	18	0.14
(4,875)	1:138:A:ASP:HB2	1:141:A:LYS:HB2	18	0.14
(4,875)	1:138:A:ASP:HB2	1:141:A:LYS:HB3	18	0.14
(4,875)	1:138:A:ASP:HB3	1:141:A:LYS:HB2	18	0.14
(4,875)	1:138:A:ASP:HB3	1:141:A:LYS:HB3	18	0.14
(4,844)	1:68:A:LYS:HA	1:68:A:LYS:HE2	17	0.14
(4,844)	1:68:A:LYS:HA	1:68:A:LYS:HE3	17	0.14
(4,836)	1:48:A:ARG:H	1:48:A:ARG:HD2	15	0.14
(4,836)	1:48:A:ARG:H	1:48:A:ARG:HD3	15	0.14
(4,786)	1:63:A:ILE:HD11	1:69:A:MET:HE1	7	0.14
(4,786)	1:63:A:ILE:HD11	1:69:A:MET:HE2	7	0.14
(4,786)	1:63:A:ILE:HD11	1:69:A:MET:HE3	7	0.14
(4,786)	1:63:A:ILE:HD12	1:69:A:MET:HE1	7	0.14
(4,786)	1:63:A:ILE:HD12	1:69:A:MET:HE2	7	0.14
(4,786)	1:63:A:ILE:HD12	1:69:A:MET:HE3	7	0.14
(4,786)	1:63:A:ILE:HD13	1:69:A:MET:HE1	7	0.14
(4,786)	1:63:A:ILE:HD13	1:69:A:MET:HE2	7	0.14
(4,786)	1:63:A:ILE:HD13	1:69:A:MET:HE3	7	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	13	0.14
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	13	0.14
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	13	0.14
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	13	0.14
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	13	0.14
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	13	0.14
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	13	0.14
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	13	0.14
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	13	0.14
(4,762)	1:69:A:MET:HG3	1:73:A:ILE:HD11	11	0.14
(4,762)	1:69:A:MET:HG3	1:73:A:ILE:HD12	11	0.14
(4,762)	1:69:A:MET:HG3	1:73:A:ILE:HD13	11	0.14
(4,694)	1:23:A:LEU:HA	1:25:A:ALA:H	6	0.14
(4,665)	1:124:A:THR:H	1:126:A:GLY:H	10	0.14
(4,665)	1:124:A:THR:H	1:126:A:GLY:H	13	0.14
(4,665)	1:124:A:THR:H	1:126:A:GLY:H	17	0.14
(4,660)	1:101:A:ILE:HD11	1:116:A:GLN:H	19	0.14
(4,660)	1:101:A:ILE:HD12	1:116:A:GLN:H	19	0.14
(4,660)	1:101:A:ILE:HD13	1:116:A:GLN:H	19	0.14
(4,611)	1:118:A:ASP:H	1:120:A:CYS:H	4	0.14
(4,586)	1:27:A:ARG:HB2	1:28:A:GLY:H	11	0.14
(4,572)	1:129:A:LYS:HG2	1:130:A:GLY:H	19	0.14
(4,546)	1:124:A:THR:H	1:128:A:LEU:HD21	10	0.14
(4,546)	1:124:A:THR:H	1:128:A:LEU:HD22	10	0.14
(4,546)	1:124:A:THR:H	1:128:A:LEU:HD23	10	0.14
(4,546)	1:124:A:THR:H	1:128:A:LEU:HD21	11	0.14
(4,546)	1:124:A:THR:H	1:128:A:LEU:HD22	11	0.14
(4,546)	1:124:A:THR:H	1:128:A:LEU:HD23	11	0.14
(4,352)	1:70:A:LYS:H	1:70:A:LYS:HE2	14	0.14
(4,352)	1:70:A:LYS:H	1:70:A:LYS:HE3	14	0.14
(4,341)	1:104:A:PHE:H	1:106:A:ASP:H	8	0.14
(4,265)	1:39:A:VAL:H	1:139:A:LEU:HD11	13	0.14
(4,265)	1:39:A:VAL:H	1:139:A:LEU:HD12	13	0.14
(4,265)	1:39:A:VAL:H	1:139:A:LEU:HD13	13	0.14
(4,227)	1:110:A:MET:HE1	1:114:A:ILE:H	6	0.14
(4,227)	1:110:A:MET:HE2	1:114:A:ILE:H	6	0.14
(4,227)	1:110:A:MET:HE3	1:114:A:ILE:H	6	0.14
(4,154)	1:127:A:CYS:H	1:128:A:LEU:HG	19	0.14
(4,147)	1:131:A:LEU:H	1:131:A:LEU:HG	15	0.14
(4,66)	1:81:A:GLU:H	1:81:A:GLU:HG2	6	0.14
(4,66)	1:81:A:GLU:H	1:81:A:GLU:HG3	6	0.14
(3,2513)	1:150:A:THR:H	1:151:A:PHE:HB2	14	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2513)	1:150:A:THR:H	1:151:A:PHE:HB3	14	0.14
(3,2498)	1:140:A:LEU:HD11	1:143:A:TRP:HD1	13	0.14
(3,2498)	1:140:A:LEU:HD12	1:143:A:TRP:HD1	13	0.14
(3,2498)	1:140:A:LEU:HD13	1:143:A:TRP:HD1	13	0.14
(3,2498)	1:140:A:LEU:HD21	1:143:A:TRP:HD1	13	0.14
(3,2498)	1:140:A:LEU:HD22	1:143:A:TRP:HD1	13	0.14
(3,2498)	1:140:A:LEU:HD23	1:143:A:TRP:HD1	13	0.14
(3,2444)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	18	0.14
(3,2444)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	18	0.14
(3,2415)	1:121:A:VAL:HA	1:123:A:CYS:HB2	16	0.14
(3,2415)	1:121:A:VAL:HA	1:123:A:CYS:HB3	16	0.14
(3,2411)	1:119:A:LEU:HD11	1:120:A:CYS:H	11	0.14
(3,2411)	1:119:A:LEU:HD12	1:120:A:CYS:H	11	0.14
(3,2411)	1:119:A:LEU:HD13	1:120:A:CYS:H	11	0.14
(3,2411)	1:119:A:LEU:HD21	1:120:A:CYS:H	11	0.14
(3,2411)	1:119:A:LEU:HD22	1:120:A:CYS:H	11	0.14
(3,2411)	1:119:A:LEU:HD23	1:120:A:CYS:H	11	0.14
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	10	0.14
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	10	0.14
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	10	0.14
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	10	0.14
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	10	0.14
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	10	0.14
(3,2301)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	5	0.14
(3,2301)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	5	0.14
(3,2301)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	5	0.14
(3,2301)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	5	0.14
(3,2252)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	11	0.14
(3,2252)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	11	0.14
(3,2252)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	11	0.14
(3,2252)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	11	0.14
(3,2241)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	7	0.14
(3,2241)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	7	0.14
(3,2241)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	7	0.14
(3,2241)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	7	0.14
(3,2241)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	7	0.14
(3,2241)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	7	0.14
(3,2230)	1:60:A:LEU:HD11	1:120:A:CYS:HA	11	0.14
(3,2230)	1:60:A:LEU:HD12	1:120:A:CYS:HA	11	0.14
(3,2230)	1:60:A:LEU:HD13	1:120:A:CYS:HA	11	0.14
(3,2230)	1:60:A:LEU:HD21	1:120:A:CYS:HA	11	0.14
(3,2230)	1:60:A:LEU:HD22	1:120:A:CYS:HA	11	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2230)	1:60:A:LEU:HD23	1:120:A:CYS:HA	11	0.14
(3,2170)	1:43:A:MET:HG2	1:144:A:LEU:HD21	2	0.14
(3,2170)	1:43:A:MET:HG2	1:144:A:LEU:HD22	2	0.14
(3,2170)	1:43:A:MET:HG2	1:144:A:LEU:HD23	2	0.14
(3,2170)	1:43:A:MET:HG3	1:144:A:LEU:HD21	2	0.14
(3,2170)	1:43:A:MET:HG3	1:144:A:LEU:HD22	2	0.14
(3,2170)	1:43:A:MET:HG3	1:144:A:LEU:HD23	2	0.14
(3,2150)	1:40:A:LEU:HD21	1:43:A:MET:HB2	19	0.14
(3,2150)	1:40:A:LEU:HD21	1:43:A:MET:HB3	19	0.14
(3,2150)	1:40:A:LEU:HD22	1:43:A:MET:HB2	19	0.14
(3,2150)	1:40:A:LEU:HD22	1:43:A:MET:HB3	19	0.14
(3,2150)	1:40:A:LEU:HD23	1:43:A:MET:HB2	19	0.14
(3,2150)	1:40:A:LEU:HD23	1:43:A:MET:HB3	19	0.14
(3,2126)	1:39:A:VAL:H	1:139:A:LEU:HD11	4	0.14
(3,2126)	1:39:A:VAL:H	1:139:A:LEU:HD12	4	0.14
(3,2126)	1:39:A:VAL:H	1:139:A:LEU:HD13	4	0.14
(3,2126)	1:39:A:VAL:H	1:139:A:LEU:HD21	4	0.14
(3,2126)	1:39:A:VAL:H	1:139:A:LEU:HD22	4	0.14
(3,2126)	1:39:A:VAL:H	1:139:A:LEU:HD23	4	0.14
(3,2119)	1:38:A:GLU:H	1:139:A:LEU:HD11	4	0.14
(3,2119)	1:38:A:GLU:H	1:139:A:LEU:HD12	4	0.14
(3,2119)	1:38:A:GLU:H	1:139:A:LEU:HD13	4	0.14
(3,2119)	1:38:A:GLU:H	1:139:A:LEU:HD21	4	0.14
(3,2119)	1:38:A:GLU:H	1:139:A:LEU:HD22	4	0.14
(3,2119)	1:38:A:GLU:H	1:139:A:LEU:HD23	4	0.14
(3,2110)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	5	0.14
(3,2110)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	5	0.14
(3,2110)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	5	0.14
(3,2110)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	5	0.14
(3,2110)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	5	0.14
(3,2110)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	5	0.14
(3,2109)	1:35:A:LEU:HD11	1:143:A:TRP:HE1	18	0.14
(3,2109)	1:35:A:LEU:HD12	1:143:A:TRP:HE1	18	0.14
(3,2109)	1:35:A:LEU:HD13	1:143:A:TRP:HE1	18	0.14
(3,2109)	1:35:A:LEU:HD21	1:143:A:TRP:HE1	18	0.14
(3,2109)	1:35:A:LEU:HD22	1:143:A:TRP:HE1	18	0.14
(3,2109)	1:35:A:LEU:HD23	1:143:A:TRP:HE1	18	0.14
(3,2100)	1:35:A:LEU:HD11	1:39:A:VAL:HB	18	0.14
(3,2100)	1:35:A:LEU:HD12	1:39:A:VAL:HB	18	0.14
(3,2100)	1:35:A:LEU:HD13	1:39:A:VAL:HB	18	0.14
(3,2100)	1:35:A:LEU:HD21	1:39:A:VAL:HB	18	0.14
(3,2100)	1:35:A:LEU:HD22	1:39:A:VAL:HB	18	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2100)	1:35:A:LEU:HD23	1:39:A:VAL:HB	18	0.14
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	12	0.14
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	12	0.14
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	12	0.14
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	12	0.14
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	12	0.14
(3,2082)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	12	0.14
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	12	0.14
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	12	0.14
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	12	0.14
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	12	0.14
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	12	0.14
(3,2082)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	12	0.14
(3,2041)	1:17:A:ASN:HB2	1:18:A:PHE:HD1	19	0.14
(3,2041)	1:17:A:ASN:HB2	1:18:A:PHE:HD2	19	0.14
(3,2041)	1:17:A:ASN:HB3	1:18:A:PHE:HD1	19	0.14
(3,2041)	1:17:A:ASN:HB3	1:18:A:PHE:HD2	19	0.14
(3,2023)	1:14:A:VAL:HG11	1:61:A:SER:H	12	0.14
(3,2023)	1:14:A:VAL:HG12	1:61:A:SER:H	12	0.14
(3,2023)	1:14:A:VAL:HG13	1:61:A:SER:H	12	0.14
(3,2023)	1:14:A:VAL:HG21	1:61:A:SER:H	12	0.14
(3,2023)	1:14:A:VAL:HG22	1:61:A:SER:H	12	0.14
(3,2023)	1:14:A:VAL:HG23	1:61:A:SER:H	12	0.14
(3,2017)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	19	0.14
(3,2017)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	19	0.14
(3,2017)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	19	0.14
(3,2017)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	19	0.14
(3,2017)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	19	0.14
(3,2017)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	19	0.14
(3,2017)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	19	0.14
(3,2017)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	19	0.14
(3,2017)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	19	0.14
(3,2017)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	19	0.14
(3,2017)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	19	0.14
(3,2017)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	19	0.14
(3,1972)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	14	0.14
(3,1972)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	14	0.14
(3,1972)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	14	0.14
(3,1972)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	14	0.14
(3,1969)	1:10:A:ASN:HD21	1:13:A:ALA:HB1	15	0.14
(3,1969)	1:10:A:ASN:HD21	1:13:A:ALA:HB2	15	0.14
(3,1969)	1:10:A:ASN:HD21	1:13:A:ALA:HB3	15	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1969)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	15	0.14
(3,1969)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	15	0.14
(3,1969)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	15	0.14
(3,1966)	1:10:A:ASN:HB2	1:61:A:SER:HB2	10	0.14
(3,1966)	1:10:A:ASN:HB2	1:61:A:SER:HB3	10	0.14
(3,1966)	1:10:A:ASN:HB3	1:61:A:SER:HB2	10	0.14
(3,1966)	1:10:A:ASN:HB3	1:61:A:SER:HB3	10	0.14
(3,1941)	1:58:A:ILE:HB	1:62:A:HIS:HE1	10	0.14
(3,1928)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	10	0.14
(3,1928)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	10	0.14
(3,1928)	1:113:A:PHE:HD1	1:116:A:GLN:HG3	13	0.14
(3,1928)	1:113:A:PHE:HD2	1:116:A:GLN:HG3	13	0.14
(3,1903)	1:71:A:LYS:HA	1:72:A:PHE:HD1	19	0.14
(3,1903)	1:71:A:LYS:HA	1:72:A:PHE:HD2	19	0.14
(3,1876)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	19	0.14
(3,1876)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	19	0.14
(3,1859)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	13	0.14
(3,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG21	13	0.14
(3,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG22	13	0.14
(3,1850)	1:9:A:PHE:HZ	1:11:A:ILE:HG23	13	0.14
(3,1761)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	1	0.14
(3,1761)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	1	0.14
(3,1761)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	1	0.14
(3,1734)	1:34:A:LYS:HA	1:35:A:LEU:HB3	7	0.14
(3,1728)	1:14:A:VAL:H	1:43:A:MET:HE1	4	0.14
(3,1728)	1:14:A:VAL:H	1:43:A:MET:HE2	4	0.14
(3,1728)	1:14:A:VAL:H	1:43:A:MET:HE3	4	0.14
(3,1696)	1:112:A:GLN:HB2	1:116:A:GLN:HG3	5	0.14
(3,1696)	1:112:A:GLN:HB3	1:116:A:GLN:HG3	5	0.14
(3,1660)	1:79:A:THR:H	1:80:A:TYR:HA	1	0.14
(3,1659)	1:125:A:THR:HA	1:127:A:CYS:HB3	11	0.14
(3,1657)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	8	0.14
(3,1641)	1:105:A:LYS:H	1:107:A:LEU:HD21	13	0.14
(3,1641)	1:105:A:LYS:H	1:107:A:LEU:HD22	13	0.14
(3,1641)	1:105:A:LYS:H	1:107:A:LEU:HD23	13	0.14
(3,1639)	1:73:A:ILE:HG21	1:76:A:ARG:H	2	0.14
(3,1639)	1:73:A:ILE:HG22	1:76:A:ARG:H	2	0.14
(3,1639)	1:73:A:ILE:HG23	1:76:A:ARG:H	2	0.14
(3,1557)	1:66:A:THR:HG21	1:69:A:MET:HE1	9	0.14
(3,1557)	1:66:A:THR:HG21	1:69:A:MET:HE2	9	0.14
(3,1557)	1:66:A:THR:HG21	1:69:A:MET:HE3	9	0.14
(3,1557)	1:66:A:THR:HG22	1:69:A:MET:HE1	9	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1557)	1:66:A:THR:HG22	1:69:A:MET:HE2	9	0.14
(3,1557)	1:66:A:THR:HG22	1:69:A:MET:HE3	9	0.14
(3,1557)	1:66:A:THR:HG23	1:69:A:MET:HE1	9	0.14
(3,1557)	1:66:A:THR:HG23	1:69:A:MET:HE2	9	0.14
(3,1557)	1:66:A:THR:HG23	1:69:A:MET:HE3	9	0.14
(3,1522)	1:47:A:ALA:HB1	1:48:A:ARG:HB2	13	0.14
(3,1522)	1:47:A:ALA:HB1	1:48:A:ARG:HB3	13	0.14
(3,1522)	1:47:A:ALA:HB2	1:48:A:ARG:HB2	13	0.14
(3,1522)	1:47:A:ALA:HB2	1:48:A:ARG:HB3	13	0.14
(3,1522)	1:47:A:ALA:HB3	1:48:A:ARG:HB2	13	0.14
(3,1522)	1:47:A:ALA:HB3	1:48:A:ARG:HB3	13	0.14
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	14	0.14
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	14	0.14
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	14	0.14
(3,1467)	1:50:A:ALA:HB1	1:130:A:GLY:H	19	0.14
(3,1467)	1:50:A:ALA:HB2	1:130:A:GLY:H	19	0.14
(3,1467)	1:50:A:ALA:HB3	1:130:A:GLY:H	19	0.14
(3,1456)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	7	0.14
(3,1456)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	7	0.14
(3,1456)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	7	0.14
(3,1456)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	7	0.14
(3,1456)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	7	0.14
(3,1456)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	7	0.14
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG11	13	0.14
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG12	13	0.14
(3,1386)	1:118:A:ASP:HA	1:121:A:VAL:HG13	13	0.14
(3,1340)	1:66:A:THR:HG21	1:98:A:ILE:HD11	14	0.14
(3,1340)	1:66:A:THR:HG21	1:98:A:ILE:HD12	14	0.14
(3,1340)	1:66:A:THR:HG21	1:98:A:ILE:HD13	14	0.14
(3,1340)	1:66:A:THR:HG22	1:98:A:ILE:HD11	14	0.14
(3,1340)	1:66:A:THR:HG22	1:98:A:ILE:HD12	14	0.14
(3,1340)	1:66:A:THR:HG22	1:98:A:ILE:HD13	14	0.14
(3,1340)	1:66:A:THR:HG23	1:98:A:ILE:HD11	14	0.14
(3,1340)	1:66:A:THR:HG23	1:98:A:ILE:HD12	14	0.14
(3,1340)	1:66:A:THR:HG23	1:98:A:ILE:HD13	14	0.14
(3,1320)	1:66:A:THR:HG21	1:104:A:PHE:HE1	16	0.14
(3,1320)	1:66:A:THR:HG21	1:104:A:PHE:HE2	16	0.14
(3,1320)	1:66:A:THR:HG22	1:104:A:PHE:HE1	16	0.14
(3,1320)	1:66:A:THR:HG22	1:104:A:PHE:HE2	16	0.14
(3,1320)	1:66:A:THR:HG23	1:104:A:PHE:HE1	16	0.14
(3,1320)	1:66:A:THR:HG23	1:104:A:PHE:HE2	16	0.14
(3,1277)	1:37:A:LEU:H	1:37:A:LEU:HD11	4	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1277)	1:37:A:LEU:H	1:37:A:LEU:HD12	4	0.14
(3,1277)	1:37:A:LEU:H	1:37:A:LEU:HD13	4	0.14
(3,1205)	1:107:A:LEU:HD21	1:108:A:GLU:H	15	0.14
(3,1205)	1:107:A:LEU:HD22	1:108:A:GLU:H	15	0.14
(3,1205)	1:107:A:LEU:HD23	1:108:A:GLU:H	15	0.14
(3,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE1	14	0.14
(3,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE2	14	0.14
(3,1101)	1:101:A:ILE:HG21	1:112:A:GLN:HA	10	0.14
(3,1101)	1:101:A:ILE:HG22	1:112:A:GLN:HA	10	0.14
(3,1101)	1:101:A:ILE:HG23	1:112:A:GLN:HA	10	0.14
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD11	10	0.14
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD12	10	0.14
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD13	10	0.14
(3,1064)	1:111:A:GLU:HA	1:114:A:ILE:HG12	4	0.14
(3,1009)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	3	0.14
(3,1009)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	14	0.14
(3,1009)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	16	0.14
(3,973)	1:96:A:VAL:HB	1:97:A:ASP:H	1	0.14
(3,969)	1:40:A:LEU:HA	1:43:A:MET:HG2	19	0.14
(3,864)	1:68:A:LYS:HA	1:68:A:LYS:HE2	17	0.14
(3,864)	1:68:A:LYS:HA	1:68:A:LYS:HE3	17	0.14
(3,793)	1:101:A:ILE:HD11	1:119:A:LEU:HG	8	0.14
(3,793)	1:101:A:ILE:HD12	1:119:A:LEU:HG	8	0.14
(3,793)	1:101:A:ILE:HD13	1:119:A:LEU:HG	8	0.14
(3,728)	1:44:A:GLU:HB2	1:54:A:ARG:HE	3	0.14
(3,728)	1:44:A:GLU:HB3	1:54:A:ARG:HE	3	0.14
(3,678)	1:116:A:GLN:HG3	1:117:A:VAL:H	2	0.14
(3,678)	1:116:A:GLN:HG3	1:117:A:VAL:H	9	0.14
(3,677)	1:101:A:ILE:HD11	1:116:A:GLN:H	19	0.14
(3,677)	1:101:A:ILE:HD12	1:116:A:GLN:H	19	0.14
(3,677)	1:101:A:ILE:HD13	1:116:A:GLN:H	19	0.14
(3,625)	1:118:A:ASP:HB3	1:120:A:CYS:H	4	0.14
(3,624)	1:118:A:ASP:H	1:120:A:CYS:H	4	0.14
(3,555)	1:73:A:ILE:HD11	1:110:A:MET:H	4	0.14
(3,555)	1:73:A:ILE:HD12	1:110:A:MET:H	4	0.14
(3,555)	1:73:A:ILE:HD13	1:110:A:MET:H	4	0.14
(3,555)	1:73:A:ILE:HD11	1:110:A:MET:H	15	0.14
(3,555)	1:73:A:ILE:HD12	1:110:A:MET:H	15	0.14
(3,555)	1:73:A:ILE:HD13	1:110:A:MET:H	15	0.14
(3,351)	1:123:A:CYS:H	1:128:A:LEU:HD11	17	0.14
(3,351)	1:123:A:CYS:H	1:128:A:LEU:HD12	17	0.14
(3,351)	1:123:A:CYS:H	1:128:A:LEU:HD13	17	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,321)	1:56:A:CYS:HA	1:122:A:ASP:H	16	0.14
(3,264)	1:39:A:VAL:H	1:40:A:LEU:HB2	18	0.14
(3,264)	1:39:A:VAL:H	1:40:A:LEU:HB2	19	0.14
(3,247)	1:58:A:ILE:H	1:58:A:ILE:HD11	14	0.14
(3,247)	1:58:A:ILE:H	1:58:A:ILE:HD12	14	0.14
(3,247)	1:58:A:ILE:H	1:58:A:ILE:HD13	14	0.14
(3,247)	1:58:A:ILE:H	1:58:A:ILE:HD11	15	0.14
(3,247)	1:58:A:ILE:H	1:58:A:ILE:HD12	15	0.14
(3,247)	1:58:A:ILE:H	1:58:A:ILE:HD13	15	0.14
(3,247)	1:58:A:ILE:H	1:58:A:ILE:HD11	19	0.14
(3,247)	1:58:A:ILE:H	1:58:A:ILE:HD12	19	0.14
(3,247)	1:58:A:ILE:H	1:58:A:ILE:HD13	19	0.14
(3,232)	1:110:A:MET:HE1	1:114:A:ILE:H	6	0.14
(3,232)	1:110:A:MET:HE2	1:114:A:ILE:H	6	0.14
(3,232)	1:110:A:MET:HE3	1:114:A:ILE:H	6	0.14
(3,178)	1:8:A:ASP:H	1:58:A:ILE:HD11	15	0.14
(3,178)	1:8:A:ASP:H	1:58:A:ILE:HD12	15	0.14
(3,178)	1:8:A:ASP:H	1:58:A:ILE:HD13	15	0.14
(3,149)	1:131:A:LEU:H	1:131:A:LEU:HG	15	0.14
(3,63)	1:34:A:LYS:H	1:81:A:GLU:H	7	0.14
(3,61)	1:115:A:ALA:HA	1:117:A:VAL:H	9	0.14
(3,17)	1:64:A:LYS:H	1:64:A:LYS:HD2	12	0.14
(3,17)	1:64:A:LYS:H	1:64:A:LYS:HD3	12	0.14
(2,2478)	1:150:A:THR:H	1:151:A:PHE:HB2	14	0.14
(2,2478)	1:150:A:THR:H	1:151:A:PHE:HB3	14	0.14
(2,2357)	1:107:A:LEU:HD11	1:115:A:ALA:H	3	0.14
(2,2357)	1:107:A:LEU:HD12	1:115:A:ALA:H	3	0.14
(2,2357)	1:107:A:LEU:HD13	1:115:A:ALA:H	3	0.14
(2,2357)	1:107:A:LEU:HD21	1:115:A:ALA:H	3	0.14
(2,2357)	1:107:A:LEU:HD22	1:115:A:ALA:H	3	0.14
(2,2357)	1:107:A:LEU:HD23	1:115:A:ALA:H	3	0.14
(2,2350)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	6	0.14
(2,2350)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	6	0.14
(2,2350)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	6	0.14
(2,2350)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	6	0.14
(2,2350)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	6	0.14
(2,2350)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	6	0.14
(2,2350)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	6	0.14
(2,2350)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	6	0.14
(2,2350)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	6	0.14
(2,2350)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	6	0.14
(2,2350)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	6	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2350)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	6	0.14
(2,2293)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	5	0.14
(2,2293)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	5	0.14
(2,2293)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	5	0.14
(2,2293)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	5	0.14
(2,2290)	1:76:A:ARG:H	1:77:A:CYS:HB2	17	0.14
(2,2290)	1:76:A:ARG:H	1:77:A:CYS:HB3	17	0.14
(2,2260)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	12	0.14
(2,2260)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	12	0.14
(2,2226)	1:60:A:LEU:HB2	1:117:A:VAL:HA	8	0.14
(2,2226)	1:60:A:LEU:HB3	1:117:A:VAL:HA	8	0.14
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD11	11	0.14
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD12	11	0.14
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD13	11	0.14
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD11	11	0.14
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD12	11	0.14
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD13	11	0.14
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD11	11	0.14
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD12	11	0.14
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD13	11	0.14
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD11	11	0.14
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD12	11	0.14
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD13	11	0.14
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD11	11	0.14
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD12	11	0.14
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD13	11	0.14
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD11	11	0.14
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD12	11	0.14
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD13	11	0.14
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD21	11	0.14
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD22	11	0.14
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD23	11	0.14
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD21	11	0.14
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD22	11	0.14
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD23	11	0.14
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD21	11	0.14
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD22	11	0.14
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD23	11	0.14
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD21	11	0.14
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD22	11	0.14
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD23	11	0.14
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD21	11	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD22	11	0.14
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD23	11	0.14
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD21	11	0.14
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD22	11	0.14
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD23	11	0.14
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD11	13	0.14
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD12	13	0.14
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD13	13	0.14
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD11	13	0.14
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD12	13	0.14
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD13	13	0.14
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD11	13	0.14
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD12	13	0.14
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD13	13	0.14
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD11	13	0.14
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD12	13	0.14
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD13	13	0.14
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD11	13	0.14
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD12	13	0.14
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD13	13	0.14
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD11	13	0.14
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD12	13	0.14
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD13	13	0.14
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD21	13	0.14
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD22	13	0.14
(2,2135)	1:39:A:VAL:HG11	1:144:A:LEU:HD23	13	0.14
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD21	13	0.14
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD22	13	0.14
(2,2135)	1:39:A:VAL:HG12	1:144:A:LEU:HD23	13	0.14
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD21	13	0.14
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD22	13	0.14
(2,2135)	1:39:A:VAL:HG13	1:144:A:LEU:HD23	13	0.14
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD21	13	0.14
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD22	13	0.14
(2,2135)	1:39:A:VAL:HG21	1:144:A:LEU:HD23	13	0.14
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD21	13	0.14
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD22	13	0.14
(2,2135)	1:39:A:VAL:HG22	1:144:A:LEU:HD23	13	0.14
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD21	13	0.14
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD22	13	0.14
(2,2135)	1:39:A:VAL:HG23	1:144:A:LEU:HD23	13	0.14
(2,2105)	1:37:A:LEU:HA	1:39:A:VAL:HG11	5	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2105)	1:37:A:LEU:HA	1:39:A:VAL:HG12	5	0.14
(2,2105)	1:37:A:LEU:HA	1:39:A:VAL:HG13	5	0.14
(2,2105)	1:37:A:LEU:HA	1:39:A:VAL:HG21	5	0.14
(2,2105)	1:37:A:LEU:HA	1:39:A:VAL:HG22	5	0.14
(2,2105)	1:37:A:LEU:HA	1:39:A:VAL:HG23	5	0.14
(2,2097)	1:35:A:LEU:HD11	1:143:A:TRP:HE1	18	0.14
(2,2097)	1:35:A:LEU:HD12	1:143:A:TRP:HE1	18	0.14
(2,2097)	1:35:A:LEU:HD13	1:143:A:TRP:HE1	18	0.14
(2,2097)	1:35:A:LEU:HD21	1:143:A:TRP:HE1	18	0.14
(2,2097)	1:35:A:LEU:HD22	1:143:A:TRP:HE1	18	0.14
(2,2097)	1:35:A:LEU:HD23	1:143:A:TRP:HE1	18	0.14
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD11	12	0.14
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD12	12	0.14
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD13	12	0.14
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD21	12	0.14
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD22	12	0.14
(2,2075)	1:31:A:PRO:HG2	1:35:A:LEU:HD23	12	0.14
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD11	12	0.14
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD12	12	0.14
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD13	12	0.14
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD21	12	0.14
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD22	12	0.14
(2,2075)	1:31:A:PRO:HG3	1:35:A:LEU:HD23	12	0.14
(2,1941)	1:58:A:ILE:HB	1:62:A:HIS:HE1	10	0.14
(2,1902)	1:71:A:LYS:HA	1:72:A:PHE:HD1	19	0.14
(2,1902)	1:71:A:LYS:HA	1:72:A:PHE:HD2	19	0.14
(2,1864)	1:61:A:SER:H	1:62:A:HIS:HD2	19	0.14
(2,1850)	1:9:A:PHE:HZ	1:54:A:ARG:HA	15	0.14
(2,1745)	1:68:A:LYS:HA	1:71:A:LYS:HB2	6	0.14
(2,1722)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	12	0.14
(2,1720)	1:34:A:LYS:HA	1:35:A:LEU:HB3	7	0.14
(2,1701)	1:69:A:MET:HA	1:109:A:PRO:HA	4	0.14
(2,1652)	1:114:A:ILE:HG21	1:117:A:VAL:HG21	3	0.14
(2,1652)	1:114:A:ILE:HG21	1:117:A:VAL:HG22	3	0.14
(2,1652)	1:114:A:ILE:HG21	1:117:A:VAL:HG23	3	0.14
(2,1652)	1:114:A:ILE:HG22	1:117:A:VAL:HG21	3	0.14
(2,1652)	1:114:A:ILE:HG22	1:117:A:VAL:HG22	3	0.14
(2,1652)	1:114:A:ILE:HG22	1:117:A:VAL:HG23	3	0.14
(2,1652)	1:114:A:ILE:HG23	1:117:A:VAL:HG21	3	0.14
(2,1652)	1:114:A:ILE:HG23	1:117:A:VAL:HG22	3	0.14
(2,1652)	1:114:A:ILE:HG23	1:117:A:VAL:HG23	3	0.14
(2,1650)	1:111:A:GLU:HA	1:114:A:ILE:HG21	4	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1650)	1:111:A:GLU:HA	1:114:A:ILE:HG22	4	0.14
(2,1650)	1:111:A:GLU:HA	1:114:A:ILE:HG23	4	0.14
(2,1646)	1:79:A:THR:H	1:80:A:TYR:HA	1	0.14
(2,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	2	0.14
(2,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	2	0.14
(2,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	2	0.14
(2,1557)	1:38:A:GLU:HB2	1:139:A:LEU:HD11	1	0.14
(2,1557)	1:38:A:GLU:HB2	1:139:A:LEU:HD12	1	0.14
(2,1557)	1:38:A:GLU:HB2	1:139:A:LEU:HD13	1	0.14
(2,1550)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	5	0.14
(2,1550)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	5	0.14
(2,1550)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	5	0.14
(2,1523)	1:69:A:MET:HE1	1:113:A:PHE:HD1	8	0.14
(2,1523)	1:69:A:MET:HE1	1:113:A:PHE:HD2	8	0.14
(2,1523)	1:69:A:MET:HE2	1:113:A:PHE:HD1	8	0.14
(2,1523)	1:69:A:MET:HE2	1:113:A:PHE:HD2	8	0.14
(2,1523)	1:69:A:MET:HE3	1:113:A:PHE:HD1	8	0.14
(2,1523)	1:69:A:MET:HE3	1:113:A:PHE:HD2	8	0.14
(2,1475)	1:45:A:ALA:HB1	1:47:A:ALA:H	3	0.14
(2,1475)	1:45:A:ALA:HB2	1:47:A:ALA:H	3	0.14
(2,1475)	1:45:A:ALA:HB3	1:47:A:ALA:H	3	0.14
(2,1441)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	1	0.14
(2,1441)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	1	0.14
(2,1441)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	1	0.14
(2,1441)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	1	0.14
(2,1441)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	1	0.14
(2,1441)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	1	0.14
(2,1388)	1:49:A:LYS:H	1:50:A:ALA:HA	13	0.14
(2,1376)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	8	0.14
(2,1376)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	8	0.14
(2,1376)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	8	0.14
(2,1292)	1:66:A:THR:HG21	1:104:A:PHE:HE1	16	0.14
(2,1292)	1:66:A:THR:HG21	1:104:A:PHE:HE2	16	0.14
(2,1292)	1:66:A:THR:HG22	1:104:A:PHE:HE1	16	0.14
(2,1292)	1:66:A:THR:HG22	1:104:A:PHE:HE2	16	0.14
(2,1292)	1:66:A:THR:HG23	1:104:A:PHE:HE1	16	0.14
(2,1292)	1:66:A:THR:HG23	1:104:A:PHE:HE2	16	0.14
(2,1244)	1:37:A:LEU:H	1:37:A:LEU:HD11	4	0.14
(2,1244)	1:37:A:LEU:H	1:37:A:LEU:HD12	4	0.14
(2,1244)	1:37:A:LEU:H	1:37:A:LEU:HD13	4	0.14
(2,1152)	1:150:A:THR:HG21	1:151:A:PHE:HA	9	0.14
(2,1152)	1:150:A:THR:HG22	1:151:A:PHE:HA	9	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1152)	1:150:A:THR:HG23	1:151:A:PHE:HA	9	0.14
(2,1116)	1:40:A:LEU:HA	1:43:A:MET:HG3	14	0.14
(2,1040)	1:111:A:GLU:HA	1:114:A:ILE:HG12	4	0.14
(2,1010)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	15	0.14
(2,1010)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	15	0.14
(2,986)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	3	0.14
(2,986)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	14	0.14
(2,986)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	16	0.14
(2,940)	1:40:A:LEU:HA	1:43:A:MET:HG2	19	0.14
(2,842)	1:68:A:LYS:HA	1:68:A:LYS:HE2	17	0.14
(2,842)	1:68:A:LYS:HA	1:68:A:LYS:HE3	17	0.14
(2,828)	1:110:A:MET:HG2	1:114:A:ILE:HD11	17	0.14
(2,828)	1:110:A:MET:HG2	1:114:A:ILE:HD12	17	0.14
(2,828)	1:110:A:MET:HG2	1:114:A:ILE:HD13	17	0.14
(2,828)	1:110:A:MET:HG3	1:114:A:ILE:HD11	17	0.14
(2,828)	1:110:A:MET:HG3	1:114:A:ILE:HD12	17	0.14
(2,828)	1:110:A:MET:HG3	1:114:A:ILE:HD13	17	0.14
(2,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	10	0.14
(2,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	10	0.14
(2,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	10	0.14
(2,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	10	0.14
(2,795)	1:63:A:ILE:HD11	1:113:A:PHE:HZ	11	0.14
(2,795)	1:63:A:ILE:HD12	1:113:A:PHE:HZ	11	0.14
(2,795)	1:63:A:ILE:HD13	1:113:A:PHE:HZ	11	0.14
(2,785)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	11	0.14
(2,785)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	11	0.14
(2,785)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	11	0.14
(2,785)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	11	0.14
(2,785)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	11	0.14
(2,785)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	11	0.14
(2,785)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	19	0.14
(2,785)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	19	0.14
(2,785)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	19	0.14
(2,785)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	19	0.14
(2,785)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	19	0.14
(2,785)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	19	0.14
(2,779)	1:11:A:ILE:HA	1:11:A:ILE:HD11	19	0.14
(2,779)	1:11:A:ILE:HA	1:11:A:ILE:HD12	19	0.14
(2,779)	1:11:A:ILE:HA	1:11:A:ILE:HD13	19	0.14
(2,714)	1:44:A:GLU:HB2	1:54:A:ARG:HE	3	0.14
(2,714)	1:44:A:GLU:HB3	1:54:A:ARG:HE	3	0.14
(2,701)	1:23:A:LEU:HA	1:25:A:ALA:H	6	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,668)	1:101:A:ILE:HD11	1:116:A:GLN:H	19	0.14
(2,668)	1:101:A:ILE:HD12	1:116:A:GLN:H	19	0.14
(2,668)	1:101:A:ILE:HD13	1:116:A:GLN:H	19	0.14
(2,661)	1:108:A:GLU:H	1:112:A:GLN:H	6	0.14
(2,661)	1:108:A:GLU:H	1:112:A:GLN:H	12	0.14
(2,619)	1:118:A:ASP:HB3	1:120:A:CYS:H	4	0.14
(2,618)	1:118:A:ASP:H	1:120:A:CYS:H	4	0.14
(2,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	5	0.14
(2,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	9	0.14
(2,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	17	0.14
(2,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	18	0.14
(2,554)	1:124:A:THR:H	1:128:A:LEU:HD21	10	0.14
(2,554)	1:124:A:THR:H	1:128:A:LEU:HD22	10	0.14
(2,554)	1:124:A:THR:H	1:128:A:LEU:HD23	10	0.14
(2,554)	1:124:A:THR:H	1:128:A:LEU:HD21	11	0.14
(2,554)	1:124:A:THR:H	1:128:A:LEU:HD22	11	0.14
(2,554)	1:124:A:THR:H	1:128:A:LEU:HD23	11	0.14
(2,540)	1:60:A:LEU:HD11	1:61:A:SER:H	10	0.14
(2,540)	1:60:A:LEU:HD12	1:61:A:SER:H	10	0.14
(2,540)	1:60:A:LEU:HD13	1:61:A:SER:H	10	0.14
(2,479)	1:145:A:PRO:HB2	1:148:A:CYS:H	10	0.14
(2,351)	1:104:A:PHE:H	1:106:A:ASP:H	8	0.14
(2,316)	1:56:A:CYS:HA	1:122:A:ASP:H	16	0.14
(2,187)	1:60:A:LEU:H	1:63:A:ILE:HD11	8	0.14
(2,187)	1:60:A:LEU:H	1:63:A:ILE:HD12	8	0.14
(2,187)	1:60:A:LEU:H	1:63:A:ILE:HD13	8	0.14
(2,142)	1:59:A:CYS:H	1:60:A:LEU:HD21	6	0.14
(2,142)	1:59:A:CYS:H	1:60:A:LEU:HD22	6	0.14
(2,142)	1:59:A:CYS:H	1:60:A:LEU:HD23	6	0.14
(2,58)	1:115:A:ALA:HA	1:117:A:VAL:H	9	0.14
(2,45)	1:44:A:GLU:HB2	1:47:A:ALA:H	4	0.14
(2,45)	1:44:A:GLU:HB3	1:47:A:ALA:H	4	0.14
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG11	6	0.14
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG12	6	0.14
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG13	6	0.14
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG21	6	0.14
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG22	6	0.14
(1,2389)	1:131:A:LEU:H	1:134:A:VAL:HG23	6	0.14
(1,2387)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	18	0.14
(1,2387)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	18	0.14
(1,2357)	1:121:A:VAL:HA	1:123:A:CYS:HB2	16	0.14
(1,2357)	1:121:A:VAL:HA	1:123:A:CYS:HB3	16	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	18	0.14
(1,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	18	0.14
(1,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	18	0.14
(1,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	18	0.14
(1,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	18	0.14
(1,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	18	0.14
(1,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	18	0.14
(1,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	18	0.14
(1,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	18	0.14
(1,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	18	0.14
(1,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	18	0.14
(1,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	18	0.14
(1,2253)	1:79:A:THR:HG21	1:81:A:GLU:HB2	2	0.14
(1,2253)	1:79:A:THR:HG21	1:81:A:GLU:HB3	2	0.14
(1,2253)	1:79:A:THR:HG22	1:81:A:GLU:HB2	2	0.14
(1,2253)	1:79:A:THR:HG22	1:81:A:GLU:HB3	2	0.14
(1,2253)	1:79:A:THR:HG23	1:81:A:GLU:HB2	2	0.14
(1,2253)	1:79:A:THR:HG23	1:81:A:GLU:HB3	2	0.14
(1,2135)	1:43:A:MET:HA	1:134:A:VAL:HG11	2	0.14
(1,2135)	1:43:A:MET:HA	1:134:A:VAL:HG12	2	0.14
(1,2135)	1:43:A:MET:HA	1:134:A:VAL:HG13	2	0.14
(1,2135)	1:43:A:MET:HA	1:134:A:VAL:HG21	2	0.14
(1,2135)	1:43:A:MET:HA	1:134:A:VAL:HG22	2	0.14
(1,2135)	1:43:A:MET:HA	1:134:A:VAL:HG23	2	0.14
(1,2125)	1:40:A:LEU:HD11	1:44:A:GLU:H	7	0.14
(1,2125)	1:40:A:LEU:HD12	1:44:A:GLU:H	7	0.14
(1,2125)	1:40:A:LEU:HD13	1:44:A:GLU:H	7	0.14
(1,2125)	1:40:A:LEU:HD21	1:44:A:GLU:H	7	0.14
(1,2125)	1:40:A:LEU:HD22	1:44:A:GLU:H	7	0.14
(1,2125)	1:40:A:LEU:HD23	1:44:A:GLU:H	7	0.14
(1,2125)	1:40:A:LEU:HD11	1:44:A:GLU:H	16	0.14
(1,2125)	1:40:A:LEU:HD12	1:44:A:GLU:H	16	0.14
(1,2125)	1:40:A:LEU:HD13	1:44:A:GLU:H	16	0.14
(1,2125)	1:40:A:LEU:HD21	1:44:A:GLU:H	16	0.14
(1,2125)	1:40:A:LEU:HD22	1:44:A:GLU:H	16	0.14
(1,2125)	1:40:A:LEU:HD23	1:44:A:GLU:H	16	0.14
(1,2124)	1:40:A:LEU:HD11	1:43:A:MET:HG3	16	0.14
(1,2124)	1:40:A:LEU:HD12	1:43:A:MET:HG3	16	0.14
(1,2124)	1:40:A:LEU:HD13	1:43:A:MET:HG3	16	0.14
(1,2124)	1:40:A:LEU:HD21	1:43:A:MET:HG3	16	0.14
(1,2124)	1:40:A:LEU:HD22	1:43:A:MET:HG3	16	0.14
(1,2124)	1:40:A:LEU:HD23	1:43:A:MET:HG3	16	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2123)	1:40:A:LEU:HD11	1:43:A:MET:HB3	19	0.14
(1,2123)	1:40:A:LEU:HD12	1:43:A:MET:HB3	19	0.14
(1,2123)	1:40:A:LEU:HD13	1:43:A:MET:HB3	19	0.14
(1,2123)	1:40:A:LEU:HD21	1:43:A:MET:HB3	19	0.14
(1,2123)	1:40:A:LEU:HD22	1:43:A:MET:HB3	19	0.14
(1,2123)	1:40:A:LEU:HD23	1:43:A:MET:HB3	19	0.14
(1,2105)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	3	0.14
(1,2105)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	3	0.14
(1,2105)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	3	0.14
(1,2105)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	3	0.14
(1,2105)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	3	0.14
(1,2105)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	3	0.14
(1,2105)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	3	0.14
(1,2105)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	3	0.14
(1,2105)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	3	0.14
(1,2105)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	3	0.14
(1,2105)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	3	0.14
(1,2105)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	3	0.14
(1,2101)	1:39:A:VAL:HG11	1:41:A:LYS:H	3	0.14
(1,2101)	1:39:A:VAL:HG12	1:41:A:LYS:H	3	0.14
(1,2101)	1:39:A:VAL:HG13	1:41:A:LYS:H	3	0.14
(1,2101)	1:39:A:VAL:HG21	1:41:A:LYS:H	3	0.14
(1,2101)	1:39:A:VAL:HG22	1:41:A:LYS:H	3	0.14
(1,2101)	1:39:A:VAL:HG23	1:41:A:LYS:H	3	0.14
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD11	12	0.14
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD12	12	0.14
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD13	12	0.14
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD21	12	0.14
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD22	12	0.14
(1,2099)	1:39:A:VAL:HB	1:140:A:LEU:HD23	12	0.14
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD11	14	0.14
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD12	14	0.14
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD13	14	0.14
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD21	14	0.14
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD22	14	0.14
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD23	14	0.14
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD11	17	0.14
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD12	17	0.14
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD13	17	0.14
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD21	17	0.14
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD22	17	0.14
(1,2042)	1:27:A:ARG:HE	1:30:A:LEU:HD23	17	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1950)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	19	0.14
(1,1950)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	19	0.14
(1,1950)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	19	0.14
(1,1950)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	19	0.14
(1,1950)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	19	0.14
(1,1950)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	19	0.14
(1,1950)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	19	0.14
(1,1950)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	19	0.14
(1,1950)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	19	0.14
(1,1950)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	19	0.14
(1,1950)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	19	0.14
(1,1950)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	19	0.14
(1,1950)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	19	0.14
(1,1950)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	19	0.14
(1,1950)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	19	0.14
(1,1950)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	19	0.14
(1,1950)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	19	0.14
(1,1950)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	19	0.14
(1,1929)	1:58:A:ILE:HB	1:62:A:HIS:HE1	10	0.14
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE1	1	0.14
(1,1905)	1:98:A:ILE:HB	1:104:A:PHE:HE2	1	0.14
(1,1880)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	7	0.14
(1,1880)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	7	0.14
(1,1879)	1:113:A:PHE:HE1	1:114:A:ILE:HA	1	0.14
(1,1879)	1:113:A:PHE:HE2	1:114:A:ILE:HA	1	0.14
(1,1852)	1:61:A:SER:H	1:62:A:HIS:HD2	19	0.14
(1,1848)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	2	0.14
(1,1848)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	2	0.14
(1,1842)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	13	0.14
(1,1828)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	9	0.14
(1,1828)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	9	0.14
(1,1828)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	9	0.14
(1,1828)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	9	0.14
(1,1828)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	9	0.14
(1,1828)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	9	0.14
(1,1817)	1:101:A:ILE:HB	1:104:A:PHE:HD1	2	0.14
(1,1817)	1:101:A:ILE:HB	1:104:A:PHE:HD2	2	0.14
(1,1722)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	6	0.14
(1,1717)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	12	0.14
(1,1620)	1:73:A:ILE:HG21	1:76:A:ARG:H	2	0.14
(1,1620)	1:73:A:ILE:HG22	1:76:A:ARG:H	2	0.14
(1,1620)	1:73:A:ILE:HG23	1:76:A:ARG:H	2	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1585)	1:57:A:LEU:H	1:58:A:ILE:HD11	13	0.14
(1,1585)	1:57:A:LEU:H	1:58:A:ILE:HD12	13	0.14
(1,1585)	1:57:A:LEU:H	1:58:A:ILE:HD13	13	0.14
(1,1580)	1:11:A:ILE:HD11	1:14:A:VAL:H	5	0.14
(1,1580)	1:11:A:ILE:HD12	1:14:A:VAL:H	5	0.14
(1,1580)	1:11:A:ILE:HD13	1:14:A:VAL:H	5	0.14
(1,1545)	1:69:A:MET:HE1	1:109:A:PRO:HB2	3	0.14
(1,1545)	1:69:A:MET:HE1	1:109:A:PRO:HB3	3	0.14
(1,1545)	1:69:A:MET:HE2	1:109:A:PRO:HB2	3	0.14
(1,1545)	1:69:A:MET:HE2	1:109:A:PRO:HB3	3	0.14
(1,1545)	1:69:A:MET:HE3	1:109:A:PRO:HB2	3	0.14
(1,1545)	1:69:A:MET:HE3	1:109:A:PRO:HB3	3	0.14
(1,1514)	1:43:A:MET:HA	1:43:A:MET:HE1	10	0.14
(1,1514)	1:43:A:MET:HA	1:43:A:MET:HE2	10	0.14
(1,1514)	1:43:A:MET:HA	1:43:A:MET:HE3	10	0.14
(1,1508)	1:47:A:ALA:HB1	1:48:A:ARG:HB2	13	0.14
(1,1508)	1:47:A:ALA:HB1	1:48:A:ARG:HB3	13	0.14
(1,1508)	1:47:A:ALA:HB2	1:48:A:ARG:HB2	13	0.14
(1,1508)	1:47:A:ALA:HB2	1:48:A:ARG:HB3	13	0.14
(1,1508)	1:47:A:ALA:HB3	1:48:A:ARG:HB2	13	0.14
(1,1508)	1:47:A:ALA:HB3	1:48:A:ARG:HB3	13	0.14
(1,1477)	1:67:A:PRO:HD3	1:95:A:ILE:HA	1	0.14
(1,1454)	1:50:A:ALA:HB1	1:130:A:GLY:H	19	0.14
(1,1454)	1:50:A:ALA:HB2	1:130:A:GLY:H	19	0.14
(1,1454)	1:50:A:ALA:HB3	1:130:A:GLY:H	19	0.14
(1,1441)	1:25:A:ALA:HB1	1:26:A:ASP:HB2	7	0.14
(1,1441)	1:25:A:ALA:HB1	1:26:A:ASP:HB3	7	0.14
(1,1441)	1:25:A:ALA:HB2	1:26:A:ASP:HB2	7	0.14
(1,1441)	1:25:A:ALA:HB2	1:26:A:ASP:HB3	7	0.14
(1,1441)	1:25:A:ALA:HB3	1:26:A:ASP:HB2	7	0.14
(1,1441)	1:25:A:ALA:HB3	1:26:A:ASP:HB3	7	0.14
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	1	0.14
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	1	0.14
(1,1400)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	1	0.14
(1,1361)	1:120:A:CYS:HA	1:121:A:VAL:HG11	17	0.14
(1,1361)	1:120:A:CYS:HA	1:121:A:VAL:HG12	17	0.14
(1,1361)	1:120:A:CYS:HA	1:121:A:VAL:HG13	17	0.14
(1,1262)	1:23:A:LEU:HA	1:23:A:LEU:HD11	14	0.14
(1,1262)	1:23:A:LEU:HA	1:23:A:LEU:HD12	14	0.14
(1,1262)	1:23:A:LEU:HA	1:23:A:LEU:HD13	14	0.14
(1,1251)	1:37:A:LEU:H	1:37:A:LEU:HD11	4	0.14
(1,1251)	1:37:A:LEU:H	1:37:A:LEU:HD12	4	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1251)	1:37:A:LEU:H	1:37:A:LEU:HD13	4	0.14
(1,1136)	1:40:A:LEU:HA	1:43:A:MET:HG3	14	0.14
(1,1078)	1:140:A:LEU:H	1:140:A:LEU:HG	18	0.14
(1,991)	1:11:A:ILE:HG12	1:14:A:VAL:HB	5	0.14
(1,936)	1:43:A:MET:HA	1:44:A:GLU:HG2	1	0.14
(1,853)	1:103:A:ARG:HA	1:103:A:ARG:HD2	19	0.14
(1,853)	1:103:A:ARG:HA	1:103:A:ARG:HD3	19	0.14
(1,848)	1:110:A:MET:HG2	1:114:A:ILE:HD11	17	0.14
(1,848)	1:110:A:MET:HG2	1:114:A:ILE:HD12	17	0.14
(1,848)	1:110:A:MET:HG2	1:114:A:ILE:HD13	17	0.14
(1,848)	1:110:A:MET:HG3	1:114:A:ILE:HD11	17	0.14
(1,848)	1:110:A:MET:HG3	1:114:A:ILE:HD12	17	0.14
(1,848)	1:110:A:MET:HG3	1:114:A:ILE:HD13	17	0.14
(1,833)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	5	0.14
(1,833)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	5	0.14
(1,833)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	5	0.14
(1,827)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	8	0.14
(1,827)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	8	0.14
(1,827)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	8	0.14
(1,679)	1:116:A:GLN:HG3	1:117:A:VAL:H	2	0.14
(1,679)	1:116:A:GLN:HG3	1:117:A:VAL:H	9	0.14
(1,621)	1:23:A:LEU:HD21	1:25:A:ALA:H	4	0.14
(1,621)	1:23:A:LEU:HD22	1:25:A:ALA:H	4	0.14
(1,621)	1:23:A:LEU:HD23	1:25:A:ALA:H	4	0.14
(1,597)	1:74:A:PRO:HD2	1:75:A:GLY:H	5	0.14
(1,597)	1:74:A:PRO:HD2	1:75:A:GLY:H	9	0.14
(1,597)	1:74:A:PRO:HD2	1:75:A:GLY:H	17	0.14
(1,597)	1:74:A:PRO:HD2	1:75:A:GLY:H	18	0.14
(1,588)	1:129:A:LYS:HG2	1:130:A:GLY:H	19	0.14
(1,579)	1:11:A:ILE:HD11	1:16:A:SER:H	9	0.14
(1,579)	1:11:A:ILE:HD12	1:16:A:SER:H	9	0.14
(1,579)	1:11:A:ILE:HD13	1:16:A:SER:H	9	0.14
(1,554)	1:73:A:ILE:HD11	1:110:A:MET:H	4	0.14
(1,554)	1:73:A:ILE:HD12	1:110:A:MET:H	4	0.14
(1,554)	1:73:A:ILE:HD13	1:110:A:MET:H	4	0.14
(1,554)	1:73:A:ILE:HD11	1:110:A:MET:H	15	0.14
(1,554)	1:73:A:ILE:HD12	1:110:A:MET:H	15	0.14
(1,554)	1:73:A:ILE:HD13	1:110:A:MET:H	15	0.14
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE1	2	0.14
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE2	2	0.14
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE3	2	0.14
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE1	8	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE2	8	0.14
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE3	8	0.14
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE1	15	0.14
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE2	15	0.14
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE3	15	0.14
(1,299)	1:43:A:MET:H	1:43:A:MET:HG2	13	0.14
(1,250)	1:23:A:LEU:HB2	1:24:A:ASP:H	11	0.14
(1,250)	1:23:A:LEU:HB3	1:24:A:ASP:H	11	0.14
(1,221)	1:98:A:ILE:HD11	1:101:A:ILE:H	4	0.14
(1,221)	1:98:A:ILE:HD12	1:101:A:ILE:H	4	0.14
(1,221)	1:98:A:ILE:HD13	1:101:A:ILE:H	4	0.14
(1,221)	1:98:A:ILE:HD11	1:101:A:ILE:H	7	0.14
(1,221)	1:98:A:ILE:HD12	1:101:A:ILE:H	7	0.14
(1,221)	1:98:A:ILE:HD13	1:101:A:ILE:H	7	0.14
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD1	16	0.14
(1,212)	1:101:A:ILE:H	1:104:A:PHE:HD2	16	0.14
(1,201)	1:44:A:GLU:H	1:44:A:GLU:HG3	1	0.14
(1,201)	1:44:A:GLU:H	1:44:A:GLU:HG3	12	0.14
(1,176)	1:95:A:ILE:H	1:95:A:ILE:HB	7	0.14
(1,176)	1:95:A:ILE:H	1:95:A:ILE:HB	12	0.14
(1,160)	1:131:A:LEU:H	1:131:A:LEU:HG	15	0.14
(1,95)	1:151:A:PHE:H	1:151:A:PHE:HB3	19	0.14
(1,63)	1:115:A:ALA:HA	1:117:A:VAL:H	9	0.14
(1,53)	1:44:A:GLU:HB2	1:47:A:ALA:H	4	0.14
(1,53)	1:44:A:GLU:HB3	1:47:A:ALA:H	4	0.14
(1,17)	1:64:A:LYS:H	1:64:A:LYS:HD2	12	0.14
(1,17)	1:64:A:LYS:H	1:64:A:LYS:HD3	12	0.14
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD11	14	0.13
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD12	14	0.13
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD13	14	0.13
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD21	14	0.13
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD22	14	0.13
(34,2449)	1:136:A:CYS:HA	1:140:A:LEU:HD23	14	0.13
(34,2349)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	17	0.13
(34,2349)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	17	0.13
(34,2349)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	17	0.13
(34,2349)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	17	0.13
(34,2333)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	6	0.13
(34,2333)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	6	0.13
(34,2333)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	6	0.13
(34,2333)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	6	0.13
(34,2333)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	6	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2333)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	6	0.13
(34,2333)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	6	0.13
(34,2333)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	6	0.13
(34,2333)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	6	0.13
(34,2333)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	6	0.13
(34,2333)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	6	0.13
(34,2333)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	6	0.13
(34,2286)	1:96:A:VAL:HG11	1:97:A:ASP:HB2	11	0.13
(34,2286)	1:96:A:VAL:HG11	1:97:A:ASP:HB3	11	0.13
(34,2286)	1:96:A:VAL:HG12	1:97:A:ASP:HB2	11	0.13
(34,2286)	1:96:A:VAL:HG12	1:97:A:ASP:HB3	11	0.13
(34,2286)	1:96:A:VAL:HG13	1:97:A:ASP:HB2	11	0.13
(34,2286)	1:96:A:VAL:HG13	1:97:A:ASP:HB3	11	0.13
(34,2286)	1:96:A:VAL:HG21	1:97:A:ASP:HB2	11	0.13
(34,2286)	1:96:A:VAL:HG21	1:97:A:ASP:HB3	11	0.13
(34,2286)	1:96:A:VAL:HG22	1:97:A:ASP:HB2	11	0.13
(34,2286)	1:96:A:VAL:HG22	1:97:A:ASP:HB3	11	0.13
(34,2286)	1:96:A:VAL:HG23	1:97:A:ASP:HB2	11	0.13
(34,2286)	1:96:A:VAL:HG23	1:97:A:ASP:HB3	11	0.13
(34,2241)	1:69:A:MET:HG2	1:109:A:PRO:HA	6	0.13
(34,2241)	1:69:A:MET:HG3	1:109:A:PRO:HA	6	0.13
(34,2140)	1:40:A:LEU:HD11	1:44:A:GLU:H	12	0.13
(34,2140)	1:40:A:LEU:HD12	1:44:A:GLU:H	12	0.13
(34,2140)	1:40:A:LEU:HD13	1:44:A:GLU:H	12	0.13
(34,2140)	1:40:A:LEU:HD21	1:44:A:GLU:H	12	0.13
(34,2140)	1:40:A:LEU:HD22	1:44:A:GLU:H	12	0.13
(34,2140)	1:40:A:LEU:HD23	1:44:A:GLU:H	12	0.13
(34,2128)	1:39:A:VAL:HG11	1:144:A:LEU:H	9	0.13
(34,2128)	1:39:A:VAL:HG12	1:144:A:LEU:H	9	0.13
(34,2128)	1:39:A:VAL:HG13	1:144:A:LEU:H	9	0.13
(34,2128)	1:39:A:VAL:HG21	1:144:A:LEU:H	9	0.13
(34,2128)	1:39:A:VAL:HG22	1:144:A:LEU:H	9	0.13
(34,2128)	1:39:A:VAL:HG23	1:144:A:LEU:H	9	0.13
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD11	13	0.13
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD12	13	0.13
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD13	13	0.13
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD21	13	0.13
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD22	13	0.13
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD23	13	0.13
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD11	17	0.13
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD12	17	0.13
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD13	17	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD21	17	0.13
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD22	17	0.13
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD23	17	0.13
(34,2091)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	12	0.13
(34,2091)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	12	0.13
(34,2091)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	12	0.13
(34,2091)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	12	0.13
(34,2091)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	12	0.13
(34,2091)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	12	0.13
(34,2086)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	9	0.13
(34,2086)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	9	0.13
(34,2086)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	9	0.13
(34,2086)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	9	0.13
(34,2086)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	9	0.13
(34,2086)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	9	0.13
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD11	16	0.13
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD12	16	0.13
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD13	16	0.13
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD21	16	0.13
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD22	16	0.13
(34,2044)	1:22:A:ASP:HA	1:23:A:LEU:HD23	16	0.13
(34,2043)	1:22:A:ASP:H	1:23:A:LEU:HD11	6	0.13
(34,2043)	1:22:A:ASP:H	1:23:A:LEU:HD12	6	0.13
(34,2043)	1:22:A:ASP:H	1:23:A:LEU:HD13	6	0.13
(34,2043)	1:22:A:ASP:H	1:23:A:LEU:HD21	6	0.13
(34,2043)	1:22:A:ASP:H	1:23:A:LEU:HD22	6	0.13
(34,2043)	1:22:A:ASP:H	1:23:A:LEU:HD23	6	0.13
(34,1993)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	4	0.13
(34,1993)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	4	0.13
(34,1993)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	4	0.13
(34,1993)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	4	0.13
(34,1993)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	4	0.13
(34,1993)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	4	0.13
(34,1993)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	4	0.13
(34,1993)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	4	0.13
(34,1993)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	4	0.13
(34,1993)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	4	0.13
(34,1993)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	4	0.13
(34,1993)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	4	0.13
(34,1962)	1:11:A:ILE:HG12	1:57:A:LEU:HD11	17	0.13
(34,1962)	1:11:A:ILE:HG12	1:57:A:LEU:HD12	17	0.13
(34,1962)	1:11:A:ILE:HG12	1:57:A:LEU:HD13	17	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1962)	1:11:A:ILE:HG12	1:57:A:LEU:HD21	17	0.13
(34,1962)	1:11:A:ILE:HG12	1:57:A:LEU:HD22	17	0.13
(34,1962)	1:11:A:ILE:HG12	1:57:A:LEU:HD23	17	0.13
(34,1935)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	17	0.13
(34,1935)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	17	0.13
(34,1921)	1:58:A:ILE:HA	1:62:A:HIS:HE1	14	0.13
(34,1904)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	19	0.13
(34,1904)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	19	0.13
(34,1904)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	19	0.13
(34,1904)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	19	0.13
(34,1904)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	19	0.13
(34,1904)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	19	0.13
(34,1863)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	11	0.13
(34,1863)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	11	0.13
(34,1819)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	6	0.13
(34,1819)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	6	0.13
(34,1806)	1:15:A:ALA:HA	1:18:A:PHE:HD1	1	0.13
(34,1806)	1:15:A:ALA:HA	1:18:A:PHE:HD2	1	0.13
(34,1800)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	14	0.13
(34,1800)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	14	0.13
(34,1800)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	14	0.13
(34,1800)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	14	0.13
(34,1744)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.13
(34,1744)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.13
(34,1744)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.13
(34,1743)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	15	0.13
(34,1743)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	15	0.13
(34,1743)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	15	0.13
(34,1704)	1:124:A:THR:HB	1:126:A:GLY:HA3	14	0.13
(34,1704)	1:124:A:THR:HB	1:126:A:GLY:HA3	15	0.13
(34,1697)	1:69:A:MET:HG3	1:109:A:PRO:HA	17	0.13
(34,1688)	1:125:A:THR:HA	1:128:A:LEU:HA	1	0.13
(34,1688)	1:125:A:THR:HA	1:128:A:LEU:HA	11	0.13
(34,1688)	1:125:A:THR:HA	1:128:A:LEU:HA	16	0.13
(34,1681)	1:107:A:LEU:H	1:111:A:GLU:HB2	14	0.13
(34,1681)	1:107:A:LEU:H	1:111:A:GLU:HB3	14	0.13
(34,1642)	1:34:A:LYS:H	1:80:A:TYR:HA	10	0.13
(34,1641)	1:79:A:THR:H	1:80:A:TYR:HA	3	0.13
(34,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	8	0.13
(34,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	8	0.13
(34,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	8	0.13
(34,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	16	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	16	0.13
(34,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	16	0.13
(34,1619)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	17	0.13
(34,1619)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	17	0.13
(34,1619)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	17	0.13
(34,1618)	1:120:A:CYS:H	1:121:A:VAL:HG21	18	0.13
(34,1618)	1:120:A:CYS:H	1:121:A:VAL:HG22	18	0.13
(34,1618)	1:120:A:CYS:H	1:121:A:VAL:HG23	18	0.13
(34,1603)	1:98:A:ILE:HG21	1:116:A:GLN:H	15	0.13
(34,1603)	1:98:A:ILE:HG22	1:116:A:GLN:H	15	0.13
(34,1603)	1:98:A:ILE:HG23	1:116:A:GLN:H	15	0.13
(34,1570)	1:138:A:ASP:HB2	1:139:A:LEU:HD11	7	0.13
(34,1570)	1:138:A:ASP:HB2	1:139:A:LEU:HD12	7	0.13
(34,1570)	1:138:A:ASP:HB2	1:139:A:LEU:HD13	7	0.13
(34,1570)	1:138:A:ASP:HB3	1:139:A:LEU:HD11	7	0.13
(34,1570)	1:138:A:ASP:HB3	1:139:A:LEU:HD12	7	0.13
(34,1570)	1:138:A:ASP:HB3	1:139:A:LEU:HD13	7	0.13
(34,1566)	1:138:A:ASP:HB2	1:139:A:LEU:HD21	7	0.13
(34,1566)	1:138:A:ASP:HB2	1:139:A:LEU:HD22	7	0.13
(34,1566)	1:138:A:ASP:HB2	1:139:A:LEU:HD23	7	0.13
(34,1566)	1:138:A:ASP:HB3	1:139:A:LEU:HD21	7	0.13
(34,1566)	1:138:A:ASP:HB3	1:139:A:LEU:HD22	7	0.13
(34,1566)	1:138:A:ASP:HB3	1:139:A:LEU:HD23	7	0.13
(34,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD21	5	0.13
(34,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD22	5	0.13
(34,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD23	5	0.13
(34,1551)	1:69:A:MET:HE1	1:73:A:ILE:HD11	8	0.13
(34,1551)	1:69:A:MET:HE1	1:73:A:ILE:HD12	8	0.13
(34,1551)	1:69:A:MET:HE1	1:73:A:ILE:HD13	8	0.13
(34,1551)	1:69:A:MET:HE2	1:73:A:ILE:HD11	8	0.13
(34,1551)	1:69:A:MET:HE2	1:73:A:ILE:HD12	8	0.13
(34,1551)	1:69:A:MET:HE2	1:73:A:ILE:HD13	8	0.13
(34,1551)	1:69:A:MET:HE3	1:73:A:ILE:HD11	8	0.13
(34,1551)	1:69:A:MET:HE3	1:73:A:ILE:HD12	8	0.13
(34,1551)	1:69:A:MET:HE3	1:73:A:ILE:HD13	8	0.13
(34,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE1	13	0.13
(34,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE2	13	0.13
(34,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE3	13	0.13
(34,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE1	13	0.13
(34,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE2	13	0.13
(34,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE3	13	0.13
(34,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE1	13	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE2	13	0.13
(34,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE3	13	0.13
(34,1546)	1:66:A:THR:HG21	1:69:A:MET:HE1	10	0.13
(34,1546)	1:66:A:THR:HG21	1:69:A:MET:HE2	10	0.13
(34,1546)	1:66:A:THR:HG21	1:69:A:MET:HE3	10	0.13
(34,1546)	1:66:A:THR:HG22	1:69:A:MET:HE1	10	0.13
(34,1546)	1:66:A:THR:HG22	1:69:A:MET:HE2	10	0.13
(34,1546)	1:66:A:THR:HG22	1:69:A:MET:HE3	10	0.13
(34,1546)	1:66:A:THR:HG23	1:69:A:MET:HE1	10	0.13
(34,1546)	1:66:A:THR:HG23	1:69:A:MET:HE2	10	0.13
(34,1546)	1:66:A:THR:HG23	1:69:A:MET:HE3	10	0.13
(34,1532)	1:65:A:CYS:H	1:69:A:MET:HE1	18	0.13
(34,1532)	1:65:A:CYS:H	1:69:A:MET:HE2	18	0.13
(34,1532)	1:65:A:CYS:H	1:69:A:MET:HE3	18	0.13
(34,1531)	1:69:A:MET:HE1	1:114:A:ILE:H	13	0.13
(34,1531)	1:69:A:MET:HE2	1:114:A:ILE:H	13	0.13
(34,1531)	1:69:A:MET:HE3	1:114:A:ILE:H	13	0.13
(34,1530)	1:69:A:MET:HE1	1:110:A:MET:H	3	0.13
(34,1530)	1:69:A:MET:HE2	1:110:A:MET:H	3	0.13
(34,1530)	1:69:A:MET:HE3	1:110:A:MET:H	3	0.13
(34,1495)	1:101:A:ILE:HG21	1:116:A:GLN:H	10	0.13
(34,1495)	1:101:A:ILE:HG22	1:116:A:GLN:H	10	0.13
(34,1495)	1:101:A:ILE:HG23	1:116:A:GLN:H	10	0.13
(34,1491)	1:101:A:ILE:HG21	1:115:A:ALA:H	6	0.13
(34,1491)	1:101:A:ILE:HG22	1:115:A:ALA:H	6	0.13
(34,1491)	1:101:A:ILE:HG23	1:115:A:ALA:H	6	0.13
(34,1491)	1:101:A:ILE:HG21	1:115:A:ALA:H	7	0.13
(34,1491)	1:101:A:ILE:HG22	1:115:A:ALA:H	7	0.13
(34,1491)	1:101:A:ILE:HG23	1:115:A:ALA:H	7	0.13
(34,1429)	1:73:A:ILE:HG21	1:110:A:MET:H	15	0.13
(34,1429)	1:73:A:ILE:HG22	1:110:A:MET:H	15	0.13
(34,1429)	1:73:A:ILE:HG23	1:110:A:MET:H	15	0.13
(34,1415)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	19	0.13
(34,1415)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	19	0.13
(34,1415)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	19	0.13
(34,1415)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	19	0.13
(34,1415)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	19	0.13
(34,1415)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	19	0.13
(34,1415)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	19	0.13
(34,1415)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	19	0.13
(34,1415)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	19	0.13
(34,1375)	1:120:A:CYS:H	1:121:A:VAL:HG11	4	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1375)	1:120:A:CYS:H	1:121:A:VAL:HG12	4	0.13
(34,1375)	1:120:A:CYS:H	1:121:A:VAL:HG13	4	0.13
(34,1370)	1:73:A:ILE:HB	1:76:A:ARG:HA	3	0.13
(34,1358)	1:105:A:LYS:HB2	1:106:A:ASP:HA	19	0.13
(34,1358)	1:105:A:LYS:HB3	1:106:A:ASP:HA	19	0.13
(34,1337)	1:8:A:ASP:HA	1:9:A:PHE:HD1	10	0.13
(34,1337)	1:8:A:ASP:HA	1:9:A:PHE:HD2	10	0.13
(34,1298)	1:113:A:PHE:HE1	1:117:A:VAL:HG11	4	0.13
(34,1298)	1:113:A:PHE:HE1	1:117:A:VAL:HG12	4	0.13
(34,1298)	1:113:A:PHE:HE1	1:117:A:VAL:HG13	4	0.13
(34,1298)	1:113:A:PHE:HE2	1:117:A:VAL:HG11	4	0.13
(34,1298)	1:113:A:PHE:HE2	1:117:A:VAL:HG12	4	0.13
(34,1298)	1:113:A:PHE:HE2	1:117:A:VAL:HG13	4	0.13
(34,1281)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	18	0.13
(34,1281)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	18	0.13
(34,1281)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	18	0.13
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD21	14	0.13
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD22	14	0.13
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD23	14	0.13
(34,1263)	1:43:A:MET:HG2	1:140:A:LEU:HD11	3	0.13
(34,1263)	1:43:A:MET:HG2	1:140:A:LEU:HD12	3	0.13
(34,1263)	1:43:A:MET:HG2	1:140:A:LEU:HD13	3	0.13
(34,1233)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	1	0.13
(34,1233)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	1	0.13
(34,1233)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	1	0.13
(34,1233)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	1	0.13
(34,1233)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	1	0.13
(34,1233)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	1	0.13
(34,1177)	1:145:A:PRO:HB2	1:146:A:GLN:HA	3	0.13
(34,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE1	1	0.13
(34,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE2	1	0.13
(34,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE1	6	0.13
(34,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE2	6	0.13
(34,1164)	1:138:A:ASP:HA	1:141:A:LYS:H	7	0.13
(34,1163)	1:144:A:LEU:HB2	1:144:A:LEU:HD21	1	0.13
(34,1163)	1:144:A:LEU:HB2	1:144:A:LEU:HD22	1	0.13
(34,1163)	1:144:A:LEU:HB2	1:144:A:LEU:HD23	1	0.13
(34,1163)	1:144:A:LEU:HB2	1:144:A:LEU:HD21	17	0.13
(34,1163)	1:144:A:LEU:HB2	1:144:A:LEU:HD22	17	0.13
(34,1163)	1:144:A:LEU:HB2	1:144:A:LEU:HD23	17	0.13
(34,1102)	1:54:A:ARG:HA	1:57:A:LEU:HD21	5	0.13
(34,1102)	1:54:A:ARG:HA	1:57:A:LEU:HD22	5	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1102)	1:54:A:ARG:HA	1:57:A:LEU:HD23	5	0.13
(34,1063)	1:63:A:ILE:HG13	1:116:A:GLN:HB2	3	0.13
(34,1063)	1:63:A:ILE:HG13	1:116:A:GLN:HB3	3	0.13
(34,1045)	1:149:A:ALA:HB1	1:150:A:THR:HA	10	0.13
(34,1045)	1:149:A:ALA:HB2	1:150:A:THR:HA	10	0.13
(34,1045)	1:149:A:ALA:HB3	1:150:A:THR:HA	10	0.13
(34,1016)	1:12:A:VAL:HB	1:43:A:MET:HE1	8	0.13
(34,1016)	1:12:A:VAL:HB	1:43:A:MET:HE2	8	0.13
(34,1016)	1:12:A:VAL:HB	1:43:A:MET:HE3	8	0.13
(34,988)	1:138:A:ASP:HA	1:141:A:LYS:HB2	8	0.13
(34,988)	1:138:A:ASP:HA	1:141:A:LYS:HB3	8	0.13
(34,979)	1:96:A:VAL:HB	1:97:A:ASP:H	4	0.13
(34,979)	1:96:A:VAL:HB	1:97:A:ASP:H	9	0.13
(34,961)	1:14:A:VAL:HA	1:18:A:PHE:HD1	11	0.13
(34,961)	1:14:A:VAL:HA	1:18:A:PHE:HD2	11	0.13
(34,937)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	13	0.13
(34,937)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	13	0.13
(34,937)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	13	0.13
(34,918)	1:21:A:THR:HB	1:23:A:LEU:H	11	0.13
(34,910)	1:95:A:ILE:H	1:95:A:ILE:HB	15	0.13
(34,903)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	17	0.13
(34,903)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	17	0.13
(34,903)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	17	0.13
(34,878)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	15	0.13
(34,878)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	15	0.13
(34,834)	1:114:A:ILE:HD11	1:115:A:ALA:H	8	0.13
(34,834)	1:114:A:ILE:HD12	1:115:A:ALA:H	8	0.13
(34,834)	1:114:A:ILE:HD13	1:115:A:ALA:H	8	0.13
(34,834)	1:114:A:ILE:HD11	1:115:A:ALA:H	10	0.13
(34,834)	1:114:A:ILE:HD12	1:115:A:ALA:H	10	0.13
(34,834)	1:114:A:ILE:HD13	1:115:A:ALA:H	10	0.13
(34,820)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	10	0.13
(34,820)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	10	0.13
(34,820)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	10	0.13
(34,820)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	10	0.13
(34,820)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	10	0.13
(34,820)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	10	0.13
(34,799)	1:63:A:ILE:HD11	1:69:A:MET:HE1	8	0.13
(34,799)	1:63:A:ILE:HD11	1:69:A:MET:HE2	8	0.13
(34,799)	1:63:A:ILE:HD11	1:69:A:MET:HE3	8	0.13
(34,799)	1:63:A:ILE:HD12	1:69:A:MET:HE1	8	0.13
(34,799)	1:63:A:ILE:HD12	1:69:A:MET:HE2	8	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,799)	1:63:A:ILE:HD12	1:69:A:MET:HE3	8	0.13
(34,799)	1:63:A:ILE:HD13	1:69:A:MET:HE1	8	0.13
(34,799)	1:63:A:ILE:HD13	1:69:A:MET:HE2	8	0.13
(34,799)	1:63:A:ILE:HD13	1:69:A:MET:HE3	8	0.13
(34,799)	1:63:A:ILE:HD11	1:69:A:MET:HE1	13	0.13
(34,799)	1:63:A:ILE:HD11	1:69:A:MET:HE2	13	0.13
(34,799)	1:63:A:ILE:HD11	1:69:A:MET:HE3	13	0.13
(34,799)	1:63:A:ILE:HD12	1:69:A:MET:HE1	13	0.13
(34,799)	1:63:A:ILE:HD12	1:69:A:MET:HE2	13	0.13
(34,799)	1:63:A:ILE:HD12	1:69:A:MET:HE3	13	0.13
(34,799)	1:63:A:ILE:HD13	1:69:A:MET:HE1	13	0.13
(34,799)	1:63:A:ILE:HD13	1:69:A:MET:HE2	13	0.13
(34,799)	1:63:A:ILE:HD13	1:69:A:MET:HE3	13	0.13
(34,784)	1:101:A:ILE:HD11	1:116:A:GLN:HA	8	0.13
(34,784)	1:101:A:ILE:HD12	1:116:A:GLN:HA	8	0.13
(34,784)	1:101:A:ILE:HD13	1:116:A:GLN:HA	8	0.13
(34,782)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	6	0.13
(34,782)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	6	0.13
(34,782)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	6	0.13
(34,782)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	6	0.13
(34,782)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	6	0.13
(34,782)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	6	0.13
(34,716)	1:23:A:LEU:HD21	1:27:A:ARG:HE	11	0.13
(34,716)	1:23:A:LEU:HD22	1:27:A:ARG:HE	11	0.13
(34,716)	1:23:A:LEU:HD23	1:27:A:ARG:HE	11	0.13
(34,679)	1:101:A:ILE:HD11	1:116:A:GLN:H	1	0.13
(34,679)	1:101:A:ILE:HD12	1:116:A:GLN:H	1	0.13
(34,679)	1:101:A:ILE:HD13	1:116:A:GLN:H	1	0.13
(34,664)	1:101:A:ILE:H	1:104:A:PHE:HB3	9	0.13
(34,554)	1:60:A:LEU:HD11	1:61:A:SER:H	4	0.13
(34,554)	1:60:A:LEU:HD12	1:61:A:SER:H	4	0.13
(34,554)	1:60:A:LEU:HD13	1:61:A:SER:H	4	0.13
(34,554)	1:60:A:LEU:HD11	1:61:A:SER:H	9	0.13
(34,554)	1:60:A:LEU:HD12	1:61:A:SER:H	9	0.13
(34,554)	1:60:A:LEU:HD13	1:61:A:SER:H	9	0.13
(34,526)	1:67:A:PRO:HB2	1:71:A:LYS:H	13	0.13
(34,526)	1:67:A:PRO:HB3	1:71:A:LYS:H	13	0.13
(34,525)	1:105:A:LYS:H	1:106:A:ASP:HB3	8	0.13
(34,523)	1:70:A:LYS:HE2	1:71:A:LYS:H	14	0.13
(34,523)	1:70:A:LYS:HE3	1:71:A:LYS:H	14	0.13
(34,417)	1:125:A:THR:H	1:128:A:LEU:HG	7	0.13
(34,398)	1:119:A:LEU:H	1:120:A:CYS:HB2	12	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,309)	1:65:A:CYS:H	1:65:A:CYS:HB3	1	0.13
(34,303)	1:128:A:LEU:HB3	1:129:A:LYS:H	5	0.13
(34,272)	1:144:A:LEU:H	1:144:A:LEU:HD21	16	0.13
(34,272)	1:144:A:LEU:H	1:144:A:LEU:HD22	16	0.13
(34,272)	1:144:A:LEU:H	1:144:A:LEU:HD23	16	0.13
(34,209)	1:101:A:ILE:H	1:101:A:ILE:HB	3	0.13
(34,112)	1:69:A:MET:H	1:73:A:ILE:HD11	3	0.13
(34,112)	1:69:A:MET:H	1:73:A:ILE:HD12	3	0.13
(34,112)	1:69:A:MET:H	1:73:A:ILE:HD13	3	0.13
(34,112)	1:69:A:MET:H	1:73:A:ILE:HD11	17	0.13
(34,112)	1:69:A:MET:H	1:73:A:ILE:HD12	17	0.13
(34,112)	1:69:A:MET:H	1:73:A:ILE:HD13	17	0.13
(34,80)	1:43:A:MET:HB2	1:45:A:ALA:H	9	0.13
(34,42)	1:43:A:MET:HA	1:47:A:ALA:H	14	0.13
(34,8)	1:63:A:ILE:HG13	1:64:A:LYS:H	5	0.13
(34,1)	1:143:A:TRP:HA	1:143:A:TRP:HE1	12	0.13
(34,1)	1:143:A:TRP:HA	1:143:A:TRP:HE1	17	0.13
(33,2508)	1:151:A:PHE:H	1:151:A:PHE:HB2	9	0.13
(33,2508)	1:151:A:PHE:H	1:151:A:PHE:HB3	9	0.13
(33,2508)	1:151:A:PHE:H	1:151:A:PHE:HB2	18	0.13
(33,2508)	1:151:A:PHE:H	1:151:A:PHE:HB3	18	0.13
(33,2498)	1:144:A:LEU:HD11	1:147:A:ARG:HD2	14	0.13
(33,2498)	1:144:A:LEU:HD11	1:147:A:ARG:HD3	14	0.13
(33,2498)	1:144:A:LEU:HD12	1:147:A:ARG:HD2	14	0.13
(33,2498)	1:144:A:LEU:HD12	1:147:A:ARG:HD3	14	0.13
(33,2498)	1:144:A:LEU:HD13	1:147:A:ARG:HD2	14	0.13
(33,2498)	1:144:A:LEU:HD13	1:147:A:ARG:HD3	14	0.13
(33,2498)	1:144:A:LEU:HD21	1:147:A:ARG:HD2	14	0.13
(33,2498)	1:144:A:LEU:HD21	1:147:A:ARG:HD3	14	0.13
(33,2498)	1:144:A:LEU:HD22	1:147:A:ARG:HD2	14	0.13
(33,2498)	1:144:A:LEU:HD22	1:147:A:ARG:HD3	14	0.13
(33,2498)	1:144:A:LEU:HD23	1:147:A:ARG:HD2	14	0.13
(33,2498)	1:144:A:LEU:HD23	1:147:A:ARG:HD3	14	0.13
(33,2443)	1:132:A:ALA:HB1	1:133:A:ASN:HB2	7	0.13
(33,2443)	1:132:A:ALA:HB1	1:133:A:ASN:HB3	7	0.13
(33,2443)	1:132:A:ALA:HB2	1:133:A:ASN:HB2	7	0.13
(33,2443)	1:132:A:ALA:HB2	1:133:A:ASN:HB3	7	0.13
(33,2443)	1:132:A:ALA:HB3	1:133:A:ASN:HB2	7	0.13
(33,2443)	1:132:A:ALA:HB3	1:133:A:ASN:HB3	7	0.13
(33,2348)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	17	0.13
(33,2348)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	17	0.13
(33,2348)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	17	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2348)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	17	0.13
(33,2305)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	6	0.13
(33,2305)	1:98:A:ILE:HG21	1:116:A:GLN:HG3	6	0.13
(33,2305)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	6	0.13
(33,2305)	1:98:A:ILE:HG22	1:116:A:GLN:HG3	6	0.13
(33,2305)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	6	0.13
(33,2305)	1:98:A:ILE:HG23	1:116:A:GLN:HG3	6	0.13
(33,2214)	1:63:A:ILE:HG21	1:116:A:GLN:HG2	11	0.13
(33,2214)	1:63:A:ILE:HG21	1:116:A:GLN:HG3	11	0.13
(33,2214)	1:63:A:ILE:HG22	1:116:A:GLN:HG2	11	0.13
(33,2214)	1:63:A:ILE:HG22	1:116:A:GLN:HG3	11	0.13
(33,2214)	1:63:A:ILE:HG23	1:116:A:GLN:HG2	11	0.13
(33,2214)	1:63:A:ILE:HG23	1:116:A:GLN:HG3	11	0.13
(33,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	13	0.13
(33,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	13	0.13
(33,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	13	0.13
(33,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	13	0.13
(33,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	13	0.13
(33,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	13	0.13
(33,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	13	0.13
(33,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	13	0.13
(33,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	13	0.13
(33,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	13	0.13
(33,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	13	0.13
(33,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	13	0.13
(33,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	13	0.13
(33,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	13	0.13
(33,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	13	0.13
(33,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	13	0.13
(33,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	13	0.13
(33,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	13	0.13
(33,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	13	0.13
(33,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	13	0.13
(33,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	13	0.13
(33,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	13	0.13
(33,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	13	0.13
(33,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	13	0.13
(33,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	13	0.13
(33,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	13	0.13
(33,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	13	0.13
(33,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	13	0.13
(33,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	13	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	13	0.13
(33,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	13	0.13
(33,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	13	0.13
(33,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	13	0.13
(33,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	13	0.13
(33,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	13	0.13
(33,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	13	0.13
(33,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	17	0.13
(33,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	17	0.13
(33,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	17	0.13
(33,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	17	0.13
(33,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	17	0.13
(33,2208)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	17	0.13
(33,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	17	0.13
(33,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	17	0.13
(33,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	17	0.13
(33,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	17	0.13
(33,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	17	0.13
(33,2208)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	17	0.13
(33,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	17	0.13
(33,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	17	0.13
(33,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	17	0.13
(33,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	17	0.13
(33,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	17	0.13
(33,2208)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	17	0.13
(33,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	17	0.13
(33,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	17	0.13
(33,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	17	0.13
(33,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	17	0.13
(33,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	17	0.13
(33,2208)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	17	0.13
(33,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	17	0.13
(33,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	17	0.13
(33,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	17	0.13
(33,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	17	0.13
(33,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	17	0.13
(33,2208)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	17	0.13
(33,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	17	0.13
(33,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	17	0.13
(33,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	17	0.13
(33,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	17	0.13
(33,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	17	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2208)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	17	0.13
(33,2205)	1:60:A:LEU:HD11	1:120:A:CYS:HA	8	0.13
(33,2205)	1:60:A:LEU:HD12	1:120:A:CYS:HA	8	0.13
(33,2205)	1:60:A:LEU:HD13	1:120:A:CYS:HA	8	0.13
(33,2205)	1:60:A:LEU:HD21	1:120:A:CYS:HA	8	0.13
(33,2205)	1:60:A:LEU:HD22	1:120:A:CYS:HA	8	0.13
(33,2205)	1:60:A:LEU:HD23	1:120:A:CYS:HA	8	0.13
(33,2172)	1:47:A:ALA:H	1:134:A:VAL:HG11	12	0.13
(33,2172)	1:47:A:ALA:H	1:134:A:VAL:HG12	12	0.13
(33,2172)	1:47:A:ALA:H	1:134:A:VAL:HG13	12	0.13
(33,2172)	1:47:A:ALA:H	1:134:A:VAL:HG21	12	0.13
(33,2172)	1:47:A:ALA:H	1:134:A:VAL:HG22	12	0.13
(33,2172)	1:47:A:ALA:H	1:134:A:VAL:HG23	12	0.13
(33,2136)	1:40:A:LEU:HD11	1:44:A:GLU:H	7	0.13
(33,2136)	1:40:A:LEU:HD12	1:44:A:GLU:H	7	0.13
(33,2136)	1:40:A:LEU:HD13	1:44:A:GLU:H	7	0.13
(33,2136)	1:40:A:LEU:HD21	1:44:A:GLU:H	7	0.13
(33,2136)	1:40:A:LEU:HD22	1:44:A:GLU:H	7	0.13
(33,2136)	1:40:A:LEU:HD23	1:44:A:GLU:H	7	0.13
(33,2136)	1:40:A:LEU:HD11	1:44:A:GLU:H	16	0.13
(33,2136)	1:40:A:LEU:HD12	1:44:A:GLU:H	16	0.13
(33,2136)	1:40:A:LEU:HD13	1:44:A:GLU:H	16	0.13
(33,2136)	1:40:A:LEU:HD21	1:44:A:GLU:H	16	0.13
(33,2136)	1:40:A:LEU:HD22	1:44:A:GLU:H	16	0.13
(33,2136)	1:40:A:LEU:HD23	1:44:A:GLU:H	16	0.13
(33,2125)	1:39:A:VAL:HG11	1:144:A:LEU:H	9	0.13
(33,2125)	1:39:A:VAL:HG12	1:144:A:LEU:H	9	0.13
(33,2125)	1:39:A:VAL:HG13	1:144:A:LEU:H	9	0.13
(33,2125)	1:39:A:VAL:HG21	1:144:A:LEU:H	9	0.13
(33,2125)	1:39:A:VAL:HG22	1:144:A:LEU:H	9	0.13
(33,2125)	1:39:A:VAL:HG23	1:144:A:LEU:H	9	0.13
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD11	17	0.13
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD12	17	0.13
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD13	17	0.13
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD21	17	0.13
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD22	17	0.13
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD23	17	0.13
(33,2092)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	12	0.13
(33,2092)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	12	0.13
(33,2092)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	12	0.13
(33,2092)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	12	0.13
(33,2092)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	12	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2092)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	12	0.13
(33,2069)	1:34:A:LYS:H	1:81:A:GLU:HB2	4	0.13
(33,2069)	1:34:A:LYS:H	1:81:A:GLU:HB3	4	0.13
(33,2042)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	7	0.13
(33,2042)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	7	0.13
(33,2042)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	7	0.13
(33,2042)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	7	0.13
(33,2042)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	7	0.13
(33,2042)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	7	0.13
(33,2042)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	7	0.13
(33,2042)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	7	0.13
(33,2042)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	7	0.13
(33,2042)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	7	0.13
(33,2042)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	7	0.13
(33,2042)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	7	0.13
(33,2016)	1:18:A:PHE:HB2	1:131:A:LEU:HD11	2	0.13
(33,2016)	1:18:A:PHE:HB2	1:131:A:LEU:HD12	2	0.13
(33,2016)	1:18:A:PHE:HB2	1:131:A:LEU:HD13	2	0.13
(33,2016)	1:18:A:PHE:HB2	1:131:A:LEU:HD21	2	0.13
(33,2016)	1:18:A:PHE:HB2	1:131:A:LEU:HD22	2	0.13
(33,2016)	1:18:A:PHE:HB2	1:131:A:LEU:HD23	2	0.13
(33,2016)	1:18:A:PHE:HB3	1:131:A:LEU:HD11	2	0.13
(33,2016)	1:18:A:PHE:HB3	1:131:A:LEU:HD12	2	0.13
(33,2016)	1:18:A:PHE:HB3	1:131:A:LEU:HD13	2	0.13
(33,2016)	1:18:A:PHE:HB3	1:131:A:LEU:HD21	2	0.13
(33,2016)	1:18:A:PHE:HB3	1:131:A:LEU:HD22	2	0.13
(33,2016)	1:18:A:PHE:HB3	1:131:A:LEU:HD23	2	0.13
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	8	0.13
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	8	0.13
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	8	0.13
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	8	0.13
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	8	0.13
(33,2004)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	8	0.13
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	8	0.13
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	8	0.13
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	8	0.13
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	8	0.13
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	8	0.13
(33,2004)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	8	0.13
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	8	0.13
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	8	0.13
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	8	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	8	0.13
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	8	0.13
(33,2004)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	8	0.13
(33,1966)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	3	0.13
(33,1966)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	3	0.13
(33,1966)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	3	0.13
(33,1966)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	3	0.13
(33,1966)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	3	0.13
(33,1966)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	3	0.13
(33,1966)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	3	0.13
(33,1966)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	3	0.13
(33,1966)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	3	0.13
(33,1966)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	3	0.13
(33,1966)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	3	0.13
(33,1966)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	3	0.13
(33,1966)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	3	0.13
(33,1966)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	3	0.13
(33,1966)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	3	0.13
(33,1966)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	3	0.13
(33,1966)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	3	0.13
(33,1966)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	3	0.13
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	11	0.13
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	11	0.13
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	11	0.13
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	11	0.13
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	11	0.13
(33,1941)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	11	0.13
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	11	0.13
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	11	0.13
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	11	0.13
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	11	0.13
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	11	0.13
(33,1941)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	11	0.13
(33,1914)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	3	0.13
(33,1911)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	2	0.13
(33,1876)	1:14:A:VAL:HA	1:18:A:PHE:HD1	12	0.13
(33,1876)	1:14:A:VAL:HA	1:18:A:PHE:HD2	12	0.13
(33,1851)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	11	0.13
(33,1851)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	11	0.13
(33,1850)	1:9:A:PHE:HD1	1:58:A:ILE:H	10	0.13
(33,1850)	1:9:A:PHE:HD2	1:58:A:ILE:H	10	0.13
(33,1835)	1:61:A:SER:H	1:62:A:HIS:HD2	11	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1769)	1:101:A:ILE:HG21	1:102:A:PRO:HA	3	0.13
(33,1769)	1:101:A:ILE:HG22	1:102:A:PRO:HA	3	0.13
(33,1769)	1:101:A:ILE:HG23	1:102:A:PRO:HA	3	0.13
(33,1734)	1:105:A:LYS:H	1:105:A:LYS:HG3	13	0.13
(33,1724)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.13
(33,1724)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.13
(33,1724)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.13
(33,1714)	1:21:A:THR:HG21	1:22:A:ASP:HA	5	0.13
(33,1714)	1:21:A:THR:HG22	1:22:A:ASP:HA	5	0.13
(33,1714)	1:21:A:THR:HG23	1:22:A:ASP:HA	5	0.13
(33,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG21	5	0.13
(33,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG22	5	0.13
(33,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG23	5	0.13
(33,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG21	5	0.13
(33,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG22	5	0.13
(33,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG23	5	0.13
(33,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG21	5	0.13
(33,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG22	5	0.13
(33,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG23	5	0.13
(33,1699)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	11	0.13
(33,1698)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	7	0.13
(33,1698)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	7	0.13
(33,1662)	1:110:A:MET:HB3	1:111:A:GLU:HB2	15	0.13
(33,1662)	1:110:A:MET:HB3	1:111:A:GLU:HB3	15	0.13
(33,1659)	1:107:A:LEU:H	1:111:A:GLU:HB2	14	0.13
(33,1659)	1:107:A:LEU:H	1:111:A:GLU:HB3	14	0.13
(33,1640)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	12	0.13
(33,1640)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	12	0.13
(33,1640)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	12	0.13
(33,1640)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	12	0.13
(33,1640)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	12	0.13
(33,1640)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	12	0.13
(33,1640)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	12	0.13
(33,1640)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	12	0.13
(33,1640)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	12	0.13
(33,1639)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	18	0.13
(33,1639)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	18	0.13
(33,1639)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	18	0.13
(33,1639)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	18	0.13
(33,1639)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	18	0.13
(33,1639)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	18	0.13
(33,1598)	1:73:A:ILE:HG21	1:76:A:ARG:H	8	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1598)	1:73:A:ILE:HG22	1:76:A:ARG:H	8	0.13
(33,1598)	1:73:A:ILE:HG23	1:76:A:ARG:H	8	0.13
(33,1598)	1:73:A:ILE:HG21	1:76:A:ARG:H	16	0.13
(33,1598)	1:73:A:ILE:HG22	1:76:A:ARG:H	16	0.13
(33,1598)	1:73:A:ILE:HG23	1:76:A:ARG:H	16	0.13
(33,1597)	1:72:A:PHE:H	1:73:A:ILE:HG21	8	0.13
(33,1597)	1:72:A:PHE:H	1:73:A:ILE:HG22	8	0.13
(33,1597)	1:72:A:PHE:H	1:73:A:ILE:HG23	8	0.13
(33,1589)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	9	0.13
(33,1589)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	9	0.13
(33,1589)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	9	0.13
(33,1586)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	15	0.13
(33,1586)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	15	0.13
(33,1586)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	15	0.13
(33,1574)	1:98:A:ILE:HG21	1:116:A:GLN:H	15	0.13
(33,1574)	1:98:A:ILE:HG22	1:116:A:GLN:H	15	0.13
(33,1574)	1:98:A:ILE:HG23	1:116:A:GLN:H	15	0.13
(33,1562)	1:61:A:SER:HA	1:63:A:ILE:HD11	8	0.13
(33,1562)	1:61:A:SER:HA	1:63:A:ILE:HD12	8	0.13
(33,1562)	1:61:A:SER:HA	1:63:A:ILE:HD13	8	0.13
(33,1527)	1:69:A:MET:HE1	1:73:A:ILE:HD11	8	0.13
(33,1527)	1:69:A:MET:HE1	1:73:A:ILE:HD12	8	0.13
(33,1527)	1:69:A:MET:HE1	1:73:A:ILE:HD13	8	0.13
(33,1527)	1:69:A:MET:HE2	1:73:A:ILE:HD11	8	0.13
(33,1527)	1:69:A:MET:HE2	1:73:A:ILE:HD12	8	0.13
(33,1527)	1:69:A:MET:HE2	1:73:A:ILE:HD13	8	0.13
(33,1527)	1:69:A:MET:HE3	1:73:A:ILE:HD11	8	0.13
(33,1527)	1:69:A:MET:HE3	1:73:A:ILE:HD12	8	0.13
(33,1527)	1:69:A:MET:HE3	1:73:A:ILE:HD13	8	0.13
(33,1523)	1:66:A:THR:HG21	1:69:A:MET:HE1	10	0.13
(33,1523)	1:66:A:THR:HG21	1:69:A:MET:HE2	10	0.13
(33,1523)	1:66:A:THR:HG21	1:69:A:MET:HE3	10	0.13
(33,1523)	1:66:A:THR:HG22	1:69:A:MET:HE1	10	0.13
(33,1523)	1:66:A:THR:HG22	1:69:A:MET:HE2	10	0.13
(33,1523)	1:66:A:THR:HG22	1:69:A:MET:HE3	10	0.13
(33,1523)	1:66:A:THR:HG23	1:69:A:MET:HE1	10	0.13
(33,1523)	1:66:A:THR:HG23	1:69:A:MET:HE2	10	0.13
(33,1523)	1:66:A:THR:HG23	1:69:A:MET:HE3	10	0.13
(33,1517)	1:110:A:MET:HE1	1:113:A:PHE:HA	2	0.13
(33,1517)	1:110:A:MET:HE2	1:113:A:PHE:HA	2	0.13
(33,1517)	1:110:A:MET:HE3	1:113:A:PHE:HA	2	0.13
(33,1502)	1:98:A:ILE:HG21	1:101:A:ILE:HB	16	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1502)	1:98:A:ILE:HG22	1:101:A:ILE:HB	16	0.13
(33,1502)	1:98:A:ILE:HG23	1:101:A:ILE:HB	16	0.13
(33,1469)	1:101:A:ILE:HG21	1:115:A:ALA:H	6	0.13
(33,1469)	1:101:A:ILE:HG22	1:115:A:ALA:H	6	0.13
(33,1469)	1:101:A:ILE:HG23	1:115:A:ALA:H	6	0.13
(33,1469)	1:101:A:ILE:HG21	1:115:A:ALA:H	7	0.13
(33,1469)	1:101:A:ILE:HG22	1:115:A:ALA:H	7	0.13
(33,1469)	1:101:A:ILE:HG23	1:115:A:ALA:H	7	0.13
(33,1424)	1:121:A:VAL:HG21	1:122:A:ASP:H	15	0.13
(33,1424)	1:121:A:VAL:HG22	1:122:A:ASP:H	15	0.13
(33,1424)	1:121:A:VAL:HG23	1:122:A:ASP:H	15	0.13
(33,1403)	1:129:A:LYS:HA	1:132:A:ALA:HB1	18	0.13
(33,1403)	1:129:A:LYS:HA	1:132:A:ALA:HB2	18	0.13
(33,1403)	1:129:A:LYS:HA	1:132:A:ALA:HB3	18	0.13
(33,1398)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	19	0.13
(33,1398)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	19	0.13
(33,1398)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	19	0.13
(33,1398)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	19	0.13
(33,1398)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	19	0.13
(33,1398)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	19	0.13
(33,1398)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	19	0.13
(33,1398)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	19	0.13
(33,1398)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	19	0.13
(33,1363)	1:119:A:LEU:HB2	1:121:A:VAL:HG11	15	0.13
(33,1363)	1:119:A:LEU:HB2	1:121:A:VAL:HG12	15	0.13
(33,1363)	1:119:A:LEU:HB2	1:121:A:VAL:HG13	15	0.13
(33,1278)	1:114:A:ILE:HA	1:117:A:VAL:HG11	8	0.13
(33,1278)	1:114:A:ILE:HA	1:117:A:VAL:HG12	8	0.13
(33,1278)	1:114:A:ILE:HA	1:117:A:VAL:HG13	8	0.13
(33,1274)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	1	0.13
(33,1274)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	1	0.13
(33,1274)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	1	0.13
(33,1274)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	1	0.13
(33,1274)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	1	0.13
(33,1274)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	1	0.13
(33,1255)	1:37:A:LEU:H	1:37:A:LEU:HD11	14	0.13
(33,1255)	1:37:A:LEU:H	1:37:A:LEU:HD12	14	0.13
(33,1255)	1:37:A:LEU:H	1:37:A:LEU:HD13	14	0.13
(33,1181)	1:43:A:MET:HB2	1:140:A:LEU:HD11	5	0.13
(33,1181)	1:43:A:MET:HB2	1:140:A:LEU:HD12	5	0.13
(33,1181)	1:43:A:MET:HB2	1:140:A:LEU:HD13	5	0.13
(33,1154)	1:145:A:PRO:HB2	1:146:A:GLN:HA	3	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1147)	1:80:A:TYR:HA	1:80:A:TYR:HE1	1	0.13
(33,1147)	1:80:A:TYR:HA	1:80:A:TYR:HE2	1	0.13
(33,1147)	1:80:A:TYR:HA	1:80:A:TYR:HE1	6	0.13
(33,1147)	1:80:A:TYR:HA	1:80:A:TYR:HE2	6	0.13
(33,1135)	1:138:A:ASP:HA	1:141:A:LYS:H	7	0.13
(33,1036)	1:63:A:ILE:HG13	1:116:A:GLN:HB2	3	0.13
(33,1036)	1:63:A:ILE:HG13	1:116:A:GLN:HB3	3	0.13
(33,1020)	1:149:A:ALA:HB1	1:150:A:THR:HA	10	0.13
(33,1020)	1:149:A:ALA:HB2	1:150:A:THR:HA	10	0.13
(33,1020)	1:149:A:ALA:HB3	1:150:A:THR:HA	10	0.13
(33,996)	1:63:A:ILE:HA	1:64:A:LYS:HD2	17	0.13
(33,996)	1:63:A:ILE:HA	1:64:A:LYS:HD3	17	0.13
(33,991)	1:104:A:PHE:H	1:105:A:LYS:HB2	11	0.13
(33,991)	1:104:A:PHE:H	1:105:A:LYS:HB3	11	0.13
(33,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	13	0.13
(33,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	13	0.13
(33,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	13	0.13
(33,866)	1:37:A:LEU:HB2	1:39:A:VAL:H	6	0.13
(33,864)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	3	0.13
(33,864)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	3	0.13
(33,816)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	10	0.13
(33,816)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	10	0.13
(33,816)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	10	0.13
(33,816)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	10	0.13
(33,816)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	10	0.13
(33,816)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	10	0.13
(33,814)	1:64:A:LYS:H	1:98:A:ILE:HD11	19	0.13
(33,814)	1:64:A:LYS:H	1:98:A:ILE:HD12	19	0.13
(33,814)	1:64:A:LYS:H	1:98:A:ILE:HD13	19	0.13
(33,794)	1:63:A:ILE:HD11	1:69:A:MET:HE1	8	0.13
(33,794)	1:63:A:ILE:HD11	1:69:A:MET:HE2	8	0.13
(33,794)	1:63:A:ILE:HD11	1:69:A:MET:HE3	8	0.13
(33,794)	1:63:A:ILE:HD12	1:69:A:MET:HE1	8	0.13
(33,794)	1:63:A:ILE:HD12	1:69:A:MET:HE2	8	0.13
(33,794)	1:63:A:ILE:HD12	1:69:A:MET:HE3	8	0.13
(33,794)	1:63:A:ILE:HD13	1:69:A:MET:HE1	8	0.13
(33,794)	1:63:A:ILE:HD13	1:69:A:MET:HE2	8	0.13
(33,794)	1:63:A:ILE:HD13	1:69:A:MET:HE3	8	0.13
(33,794)	1:63:A:ILE:HD11	1:69:A:MET:HE1	13	0.13
(33,794)	1:63:A:ILE:HD11	1:69:A:MET:HE2	13	0.13
(33,794)	1:63:A:ILE:HD11	1:69:A:MET:HE3	13	0.13
(33,794)	1:63:A:ILE:HD12	1:69:A:MET:HE1	13	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,794)	1:63:A:ILE:HD12	1:69:A:MET:HE2	13	0.13
(33,794)	1:63:A:ILE:HD12	1:69:A:MET:HE3	13	0.13
(33,794)	1:63:A:ILE:HD13	1:69:A:MET:HE1	13	0.13
(33,794)	1:63:A:ILE:HD13	1:69:A:MET:HE2	13	0.13
(33,794)	1:63:A:ILE:HD13	1:69:A:MET:HE3	13	0.13
(33,778)	1:101:A:ILE:HD11	1:116:A:GLN:HA	8	0.13
(33,778)	1:101:A:ILE:HD12	1:116:A:GLN:HA	8	0.13
(33,778)	1:101:A:ILE:HD13	1:116:A:GLN:HA	8	0.13
(33,767)	1:73:A:ILE:HD11	1:113:A:PHE:H	14	0.13
(33,767)	1:73:A:ILE:HD12	1:113:A:PHE:H	14	0.13
(33,767)	1:73:A:ILE:HD13	1:113:A:PHE:H	14	0.13
(33,670)	1:120:A:CYS:H	1:121:A:VAL:HG11	9	0.13
(33,670)	1:120:A:CYS:H	1:121:A:VAL:HG12	9	0.13
(33,670)	1:120:A:CYS:H	1:121:A:VAL:HG13	9	0.13
(33,667)	1:101:A:ILE:HD11	1:116:A:GLN:H	1	0.13
(33,667)	1:101:A:ILE:HD12	1:116:A:GLN:H	1	0.13
(33,667)	1:101:A:ILE:HD13	1:116:A:GLN:H	1	0.13
(33,653)	1:101:A:ILE:H	1:104:A:PHE:HB3	9	0.13
(33,640)	1:66:A:THR:H	1:70:A:LYS:H	7	0.13
(33,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	4	0.13
(33,620)	1:96:A:VAL:H	1:97:A:ASP:H	8	0.13
(33,620)	1:96:A:VAL:H	1:97:A:ASP:H	19	0.13
(33,619)	1:118:A:ASP:H	1:120:A:CYS:H	6	0.13
(33,519)	1:67:A:PRO:HA	1:71:A:LYS:H	15	0.13
(33,511)	1:67:A:PRO:HB2	1:71:A:LYS:H	13	0.13
(33,511)	1:67:A:PRO:HB3	1:71:A:LYS:H	13	0.13
(33,484)	1:105:A:LYS:H	1:107:A:LEU:H	13	0.13
(33,472)	1:103:A:ARG:H	1:103:A:ARG:HG2	11	0.13
(33,472)	1:103:A:ARG:H	1:103:A:ARG:HG3	11	0.13
(33,355)	1:104:A:PHE:H	1:104:A:PHE:HD1	15	0.13
(33,355)	1:104:A:PHE:H	1:104:A:PHE:HD2	15	0.13
(33,307)	1:65:A:CYS:H	1:69:A:MET:HE1	18	0.13
(33,307)	1:65:A:CYS:H	1:69:A:MET:HE2	18	0.13
(33,307)	1:65:A:CYS:H	1:69:A:MET:HE3	18	0.13
(33,269)	1:112:A:GLN:H	1:112:A:GLN:HE21	11	0.13
(33,148)	1:131:A:LEU:H	1:131:A:LEU:HG	5	0.13
(33,85)	1:43:A:MET:HB2	1:45:A:ALA:H	9	0.13
(32,2426)	1:132:A:ALA:HB1	1:133:A:ASN:HB2	7	0.13
(32,2426)	1:132:A:ALA:HB1	1:133:A:ASN:HB3	7	0.13
(32,2426)	1:132:A:ALA:HB2	1:133:A:ASN:HB2	7	0.13
(32,2426)	1:132:A:ALA:HB2	1:133:A:ASN:HB3	7	0.13
(32,2426)	1:132:A:ALA:HB3	1:133:A:ASN:HB2	7	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2426)	1:132:A:ALA:HB3	1:133:A:ASN:HB3	7	0.13
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD11	6	0.13
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD12	6	0.13
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD13	6	0.13
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD21	6	0.13
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD22	6	0.13
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD23	6	0.13
(32,2337)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	17	0.13
(32,2337)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	17	0.13
(32,2337)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	17	0.13
(32,2337)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	17	0.13
(32,2322)	1:107:A:LEU:H	1:107:A:LEU:HD11	2	0.13
(32,2322)	1:107:A:LEU:H	1:107:A:LEU:HD12	2	0.13
(32,2322)	1:107:A:LEU:H	1:107:A:LEU:HD13	2	0.13
(32,2322)	1:107:A:LEU:H	1:107:A:LEU:HD21	2	0.13
(32,2322)	1:107:A:LEU:H	1:107:A:LEU:HD22	2	0.13
(32,2322)	1:107:A:LEU:H	1:107:A:LEU:HD23	2	0.13
(32,2284)	1:96:A:VAL:HG11	1:97:A:ASP:HB2	11	0.13
(32,2284)	1:96:A:VAL:HG11	1:97:A:ASP:HB3	11	0.13
(32,2284)	1:96:A:VAL:HG12	1:97:A:ASP:HB2	11	0.13
(32,2284)	1:96:A:VAL:HG12	1:97:A:ASP:HB3	11	0.13
(32,2284)	1:96:A:VAL:HG13	1:97:A:ASP:HB2	11	0.13
(32,2284)	1:96:A:VAL:HG13	1:97:A:ASP:HB3	11	0.13
(32,2284)	1:96:A:VAL:HG21	1:97:A:ASP:HB2	11	0.13
(32,2284)	1:96:A:VAL:HG21	1:97:A:ASP:HB3	11	0.13
(32,2284)	1:96:A:VAL:HG22	1:97:A:ASP:HB2	11	0.13
(32,2284)	1:96:A:VAL:HG22	1:97:A:ASP:HB3	11	0.13
(32,2284)	1:96:A:VAL:HG23	1:97:A:ASP:HB2	11	0.13
(32,2284)	1:96:A:VAL:HG23	1:97:A:ASP:HB3	11	0.13
(32,2271)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	15	0.13
(32,2271)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	15	0.13
(32,2199)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	13	0.13
(32,2199)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	13	0.13
(32,2199)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	13	0.13
(32,2199)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	13	0.13
(32,2199)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	13	0.13
(32,2199)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	13	0.13
(32,2199)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	13	0.13
(32,2199)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	13	0.13
(32,2199)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	13	0.13
(32,2199)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	13	0.13
(32,2199)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	13	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2199)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	13	0.13
(32,2199)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	13	0.13
(32,2199)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	13	0.13
(32,2199)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	13	0.13
(32,2199)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	13	0.13
(32,2199)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	13	0.13
(32,2199)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	13	0.13
(32,2199)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	13	0.13
(32,2199)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	13	0.13
(32,2199)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	13	0.13
(32,2199)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	13	0.13
(32,2199)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	13	0.13
(32,2199)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	13	0.13
(32,2199)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	13	0.13
(32,2199)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	13	0.13
(32,2199)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	13	0.13
(32,2199)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	13	0.13
(32,2199)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	13	0.13
(32,2199)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	13	0.13
(32,2199)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	13	0.13
(32,2199)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	13	0.13
(32,2199)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	13	0.13
(32,2199)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	13	0.13
(32,2199)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	13	0.13
(32,2199)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	13	0.13
(32,2199)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	17	0.13
(32,2199)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	17	0.13
(32,2199)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	17	0.13
(32,2199)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	17	0.13
(32,2199)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	17	0.13
(32,2199)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	17	0.13
(32,2199)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	17	0.13
(32,2199)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	17	0.13
(32,2199)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	17	0.13
(32,2199)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	17	0.13
(32,2199)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	17	0.13
(32,2199)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	17	0.13
(32,2199)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	17	0.13
(32,2199)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	17	0.13
(32,2199)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	17	0.13
(32,2199)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	17	0.13
(32,2199)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	17	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2199)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	17	0.13
(32,2199)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	17	0.13
(32,2199)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	17	0.13
(32,2199)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	17	0.13
(32,2199)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	17	0.13
(32,2199)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	17	0.13
(32,2199)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	17	0.13
(32,2199)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	17	0.13
(32,2199)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	17	0.13
(32,2199)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	17	0.13
(32,2199)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	17	0.13
(32,2199)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	17	0.13
(32,2199)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	17	0.13
(32,2199)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	17	0.13
(32,2199)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	17	0.13
(32,2199)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	17	0.13
(32,2199)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	17	0.13
(32,2199)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	17	0.13
(32,2199)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	17	0.13
(32,2197)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	1	0.13
(32,2197)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	1	0.13
(32,2197)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	1	0.13
(32,2197)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	1	0.13
(32,2197)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	1	0.13
(32,2197)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	1	0.13
(32,2133)	1:43:A:MET:HG3	1:46:A:ASN:HD21	17	0.13
(32,2133)	1:43:A:MET:HG3	1:46:A:ASN:HD22	17	0.13
(32,2094)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	12	0.13
(32,2094)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	12	0.13
(32,2094)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	12	0.13
(32,2094)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	12	0.13
(32,2094)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	12	0.13
(32,2094)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	12	0.13
(32,2094)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	12	0.13
(32,2094)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	12	0.13
(32,2094)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	12	0.13
(32,2094)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	12	0.13
(32,2094)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	12	0.13
(32,2094)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	12	0.13
(32,2091)	1:39:A:VAL:HG11	1:43:A:MET:HB2	16	0.13
(32,2091)	1:39:A:VAL:HG12	1:43:A:MET:HB2	16	0.13
(32,2091)	1:39:A:VAL:HG13	1:43:A:MET:HB2	16	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2091)	1:39:A:VAL:HG21	1:43:A:MET:HB2	16	0.13
(32,2091)	1:39:A:VAL:HG22	1:43:A:MET:HB2	16	0.13
(32,2091)	1:39:A:VAL:HG23	1:43:A:MET:HB2	16	0.13
(32,2072)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	12	0.13
(32,2072)	1:37:A:LEU:HD11	1:41:A:LYS:HG3	12	0.13
(32,2072)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	12	0.13
(32,2072)	1:37:A:LEU:HD12	1:41:A:LYS:HG3	12	0.13
(32,2072)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	12	0.13
(32,2072)	1:37:A:LEU:HD13	1:41:A:LYS:HG3	12	0.13
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD11	12	0.13
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD12	12	0.13
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD13	12	0.13
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD21	12	0.13
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD22	12	0.13
(32,2071)	1:37:A:LEU:HA	1:40:A:LEU:HD23	12	0.13
(32,2059)	1:35:A:LEU:HD11	1:80:A:TYR:HB3	16	0.13
(32,2059)	1:35:A:LEU:HD12	1:80:A:TYR:HB3	16	0.13
(32,2059)	1:35:A:LEU:HD13	1:80:A:TYR:HB3	16	0.13
(32,2059)	1:35:A:LEU:HD21	1:80:A:TYR:HB3	16	0.13
(32,2059)	1:35:A:LEU:HD22	1:80:A:TYR:HB3	16	0.13
(32,2059)	1:35:A:LEU:HD23	1:80:A:TYR:HB3	16	0.13
(32,2056)	1:35:A:LEU:HD11	1:39:A:VAL:HB	7	0.13
(32,2056)	1:35:A:LEU:HD12	1:39:A:VAL:HB	7	0.13
(32,2056)	1:35:A:LEU:HD13	1:39:A:VAL:HB	7	0.13
(32,2056)	1:35:A:LEU:HD21	1:39:A:VAL:HB	7	0.13
(32,2056)	1:35:A:LEU:HD22	1:39:A:VAL:HB	7	0.13
(32,2056)	1:35:A:LEU:HD23	1:39:A:VAL:HB	7	0.13
(32,2044)	1:34:A:LYS:H	1:81:A:GLU:HB2	12	0.13
(32,2044)	1:34:A:LYS:H	1:81:A:GLU:HB3	12	0.13
(32,2010)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	4	0.13
(32,2010)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	4	0.13
(32,2010)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	4	0.13
(32,2010)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	4	0.13
(32,2006)	1:23:A:LEU:HD11	1:25:A:ALA:H	2	0.13
(32,2006)	1:23:A:LEU:HD12	1:25:A:ALA:H	2	0.13
(32,2006)	1:23:A:LEU:HD13	1:25:A:ALA:H	2	0.13
(32,2006)	1:23:A:LEU:HD21	1:25:A:ALA:H	2	0.13
(32,2006)	1:23:A:LEU:HD22	1:25:A:ALA:H	2	0.13
(32,2006)	1:23:A:LEU:HD23	1:25:A:ALA:H	2	0.13
(32,1981)	1:17:A:ASN:HB2	1:76:A:ARG:HA	19	0.13
(32,1981)	1:17:A:ASN:HB3	1:76:A:ARG:HA	19	0.13
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	15	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	15	0.13
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	15	0.13
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	15	0.13
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	15	0.13
(32,1894)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	15	0.13
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	15	0.13
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	15	0.13
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	15	0.13
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	15	0.13
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	15	0.13
(32,1894)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	15	0.13
(32,1851)	1:104:A:PHE:HE1	1:105:A:LYS:H	2	0.13
(32,1851)	1:104:A:PHE:HE2	1:105:A:LYS:H	2	0.13
(32,1780)	1:63:A:ILE:HG21	1:113:A:PHE:HE1	15	0.13
(32,1780)	1:63:A:ILE:HG21	1:113:A:PHE:HE2	15	0.13
(32,1780)	1:63:A:ILE:HG22	1:113:A:PHE:HE1	15	0.13
(32,1780)	1:63:A:ILE:HG22	1:113:A:PHE:HE2	15	0.13
(32,1780)	1:63:A:ILE:HG23	1:113:A:PHE:HE1	15	0.13
(32,1780)	1:63:A:ILE:HG23	1:113:A:PHE:HE2	15	0.13
(32,1770)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	1	0.13
(32,1770)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	1	0.13
(32,1770)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	1	0.13
(32,1770)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	1	0.13
(32,1770)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	1	0.13
(32,1770)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	1	0.13
(32,1764)	1:104:A:PHE:HE1	1:116:A:GLN:HE22	19	0.13
(32,1764)	1:104:A:PHE:HE2	1:116:A:GLN:HE22	19	0.13
(32,1753)	1:15:A:ALA:HA	1:18:A:PHE:HD1	1	0.13
(32,1753)	1:15:A:ALA:HA	1:18:A:PHE:HD2	1	0.13
(32,1664)	1:67:A:PRO:HD3	1:96:A:VAL:HG21	18	0.13
(32,1664)	1:67:A:PRO:HD3	1:96:A:VAL:HG22	18	0.13
(32,1664)	1:67:A:PRO:HD3	1:96:A:VAL:HG23	18	0.13
(32,1659)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	11	0.13
(32,1628)	1:110:A:MET:HB3	1:111:A:GLU:HB2	15	0.13
(32,1628)	1:110:A:MET:HB3	1:111:A:GLU:HB3	15	0.13
(32,1590)	1:79:A:THR:H	1:80:A:TYR:HA	3	0.13
(32,1589)	1:13:A:ALA:HA	1:80:A:TYR:HB3	14	0.13
(32,1571)	1:73:A:ILE:HG21	1:76:A:ARG:H	8	0.13
(32,1571)	1:73:A:ILE:HG22	1:76:A:ARG:H	8	0.13
(32,1571)	1:73:A:ILE:HG23	1:76:A:ARG:H	8	0.13
(32,1571)	1:73:A:ILE:HG21	1:76:A:ARG:H	16	0.13
(32,1571)	1:73:A:ILE:HG22	1:76:A:ARG:H	16	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1571)	1:73:A:ILE:HG23	1:76:A:ARG:H	16	0.13
(32,1562)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	9	0.13
(32,1562)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	9	0.13
(32,1562)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	9	0.13
(32,1561)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	16	0.13
(32,1561)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	16	0.13
(32,1561)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	16	0.13
(32,1534)	1:61:A:SER:HA	1:63:A:ILE:HD11	8	0.13
(32,1534)	1:61:A:SER:HA	1:63:A:ILE:HD12	8	0.13
(32,1534)	1:61:A:SER:HA	1:63:A:ILE:HD13	8	0.13
(32,1512)	1:38:A:GLU:HA	1:139:A:LEU:HD21	13	0.13
(32,1512)	1:38:A:GLU:HA	1:139:A:LEU:HD22	13	0.13
(32,1512)	1:38:A:GLU:HA	1:139:A:LEU:HD23	13	0.13
(32,1496)	1:69:A:MET:HE1	1:73:A:ILE:HD11	8	0.13
(32,1496)	1:69:A:MET:HE1	1:73:A:ILE:HD12	8	0.13
(32,1496)	1:69:A:MET:HE1	1:73:A:ILE:HD13	8	0.13
(32,1496)	1:69:A:MET:HE2	1:73:A:ILE:HD11	8	0.13
(32,1496)	1:69:A:MET:HE2	1:73:A:ILE:HD12	8	0.13
(32,1496)	1:69:A:MET:HE2	1:73:A:ILE:HD13	8	0.13
(32,1496)	1:69:A:MET:HE3	1:73:A:ILE:HD11	8	0.13
(32,1496)	1:69:A:MET:HE3	1:73:A:ILE:HD12	8	0.13
(32,1496)	1:69:A:MET:HE3	1:73:A:ILE:HD13	8	0.13
(32,1486)	1:110:A:MET:HE1	1:113:A:PHE:HA	2	0.13
(32,1486)	1:110:A:MET:HE2	1:113:A:PHE:HA	2	0.13
(32,1486)	1:110:A:MET:HE3	1:113:A:PHE:HA	2	0.13
(32,1477)	1:65:A:CYS:H	1:69:A:MET:HE1	18	0.13
(32,1477)	1:65:A:CYS:H	1:69:A:MET:HE2	18	0.13
(32,1477)	1:65:A:CYS:H	1:69:A:MET:HE3	18	0.13
(32,1475)	1:69:A:MET:HE1	1:110:A:MET:H	3	0.13
(32,1475)	1:69:A:MET:HE2	1:110:A:MET:H	3	0.13
(32,1475)	1:69:A:MET:HE3	1:110:A:MET:H	3	0.13
(32,1436)	1:101:A:ILE:HG21	1:115:A:ALA:H	6	0.13
(32,1436)	1:101:A:ILE:HG22	1:115:A:ALA:H	6	0.13
(32,1436)	1:101:A:ILE:HG23	1:115:A:ALA:H	6	0.13
(32,1436)	1:101:A:ILE:HG21	1:115:A:ALA:H	7	0.13
(32,1436)	1:101:A:ILE:HG22	1:115:A:ALA:H	7	0.13
(32,1436)	1:101:A:ILE:HG23	1:115:A:ALA:H	7	0.13
(32,1349)	1:49:A:LYS:HG2	1:50:A:ALA:HA	19	0.13
(32,1349)	1:49:A:LYS:HG3	1:50:A:ALA:HA	19	0.13
(32,1309)	1:105:A:LYS:HD2	1:106:A:ASP:HA	3	0.13
(32,1309)	1:105:A:LYS:HD3	1:106:A:ASP:HA	3	0.13
(32,1287)	1:8:A:ASP:HA	1:9:A:PHE:HD1	10	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1287)	1:8:A:ASP:HA	1:9:A:PHE:HD2	10	0.13
(32,1217)	1:37:A:LEU:H	1:37:A:LEU:HD11	14	0.13
(32,1217)	1:37:A:LEU:H	1:37:A:LEU:HD12	14	0.13
(32,1217)	1:37:A:LEU:H	1:37:A:LEU:HD13	14	0.13
(32,1151)	1:107:A:LEU:H	1:107:A:LEU:HD21	9	0.13
(32,1151)	1:107:A:LEU:H	1:107:A:LEU:HD22	9	0.13
(32,1151)	1:107:A:LEU:H	1:107:A:LEU:HD23	9	0.13
(32,1151)	1:107:A:LEU:H	1:107:A:LEU:HD21	19	0.13
(32,1151)	1:107:A:LEU:H	1:107:A:LEU:HD22	19	0.13
(32,1151)	1:107:A:LEU:H	1:107:A:LEU:HD23	19	0.13
(32,1106)	1:80:A:TYR:HA	1:80:A:TYR:HE1	1	0.13
(32,1106)	1:80:A:TYR:HA	1:80:A:TYR:HE2	1	0.13
(32,1106)	1:80:A:TYR:HA	1:80:A:TYR:HE1	6	0.13
(32,1106)	1:80:A:TYR:HA	1:80:A:TYR:HE2	6	0.13
(32,1042)	1:11:A:ILE:HG12	1:44:A:GLU:HA	11	0.13
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD11	16	0.13
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD12	16	0.13
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD13	16	0.13
(32,965)	1:63:A:ILE:HA	1:64:A:LYS:HD2	17	0.13
(32,965)	1:63:A:ILE:HA	1:64:A:LYS:HD3	17	0.13
(32,962)	1:102:A:PRO:HA	1:105:A:LYS:HB2	16	0.13
(32,962)	1:102:A:PRO:HA	1:105:A:LYS:HB3	16	0.13
(32,873)	1:95:A:ILE:H	1:95:A:ILE:HB	15	0.13
(32,847)	1:56:A:CYS:H	1:122:A:ASP:HB2	5	0.13
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD11	19	0.13
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD12	19	0.13
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD13	19	0.13
(32,793)	1:64:A:LYS:H	1:98:A:ILE:HD11	19	0.13
(32,793)	1:64:A:LYS:H	1:98:A:ILE:HD12	19	0.13
(32,793)	1:64:A:LYS:H	1:98:A:ILE:HD13	19	0.13
(32,772)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	2	0.13
(32,772)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	2	0.13
(32,772)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	2	0.13
(32,772)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	2	0.13
(32,772)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	2	0.13
(32,772)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	2	0.13
(32,758)	1:101:A:ILE:HD11	1:116:A:GLN:HA	8	0.13
(32,758)	1:101:A:ILE:HD12	1:116:A:GLN:HA	8	0.13
(32,758)	1:101:A:ILE:HD13	1:116:A:GLN:HA	8	0.13
(32,753)	1:73:A:ILE:HD11	1:113:A:PHE:HA	8	0.13
(32,753)	1:73:A:ILE:HD12	1:113:A:PHE:HA	8	0.13
(32,753)	1:73:A:ILE:HD13	1:113:A:PHE:HA	8	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,751)	1:73:A:ILE:HD11	1:113:A:PHE:H	14	0.13
(32,751)	1:73:A:ILE:HD12	1:113:A:PHE:H	14	0.13
(32,751)	1:73:A:ILE:HD13	1:113:A:PHE:H	14	0.13
(32,699)	1:9:A:PHE:HD1	1:54:A:ARG:HE	5	0.13
(32,699)	1:9:A:PHE:HD2	1:54:A:ARG:HE	5	0.13
(32,699)	1:9:A:PHE:HD1	1:54:A:ARG:HE	19	0.13
(32,699)	1:9:A:PHE:HD2	1:54:A:ARG:HE	19	0.13
(32,656)	1:101:A:ILE:HD11	1:116:A:GLN:H	1	0.13
(32,656)	1:101:A:ILE:HD12	1:116:A:GLN:H	1	0.13
(32,656)	1:101:A:ILE:HD13	1:116:A:GLN:H	1	0.13
(32,598)	1:55:A:GLY:H	1:58:A:ILE:HG13	2	0.13
(32,595)	1:47:A:ALA:HB1	1:51:A:GLY:H	2	0.13
(32,595)	1:47:A:ALA:HB2	1:51:A:GLY:H	2	0.13
(32,595)	1:47:A:ALA:HB3	1:51:A:GLY:H	2	0.13
(32,500)	1:67:A:PRO:HB2	1:71:A:LYS:H	13	0.13
(32,500)	1:67:A:PRO:HB3	1:71:A:LYS:H	13	0.13
(32,243)	1:57:A:LEU:HD21	1:58:A:ILE:H	2	0.13
(32,243)	1:57:A:LEU:HD22	1:58:A:ILE:H	2	0.13
(32,243)	1:57:A:LEU:HD23	1:58:A:ILE:H	2	0.13
(32,243)	1:57:A:LEU:HD21	1:58:A:ILE:H	12	0.13
(32,243)	1:57:A:LEU:HD22	1:58:A:ILE:H	12	0.13
(32,243)	1:57:A:LEU:HD23	1:58:A:ILE:H	12	0.13
(32,242)	1:58:A:ILE:H	1:58:A:ILE:HD11	13	0.13
(32,242)	1:58:A:ILE:H	1:58:A:ILE:HD12	13	0.13
(32,242)	1:58:A:ILE:H	1:58:A:ILE:HD13	13	0.13
(32,224)	1:10:A:ASN:H	1:13:A:ALA:HB1	7	0.13
(32,224)	1:10:A:ASN:H	1:13:A:ALA:HB2	7	0.13
(32,224)	1:10:A:ASN:H	1:13:A:ALA:HB3	7	0.13
(32,201)	1:98:A:ILE:HD11	1:101:A:ILE:H	13	0.13
(32,201)	1:98:A:ILE:HD12	1:101:A:ILE:H	13	0.13
(32,201)	1:98:A:ILE:HD13	1:101:A:ILE:H	13	0.13
(32,146)	1:131:A:LEU:H	1:131:A:LEU:HG	5	0.13
(32,105)	1:69:A:MET:H	1:73:A:ILE:HD11	3	0.13
(32,105)	1:69:A:MET:H	1:73:A:ILE:HD12	3	0.13
(32,105)	1:69:A:MET:H	1:73:A:ILE:HD13	3	0.13
(32,105)	1:69:A:MET:H	1:73:A:ILE:HD11	17	0.13
(32,105)	1:69:A:MET:H	1:73:A:ILE:HD12	17	0.13
(32,105)	1:69:A:MET:H	1:73:A:ILE:HD13	17	0.13
(32,76)	1:43:A:MET:HB2	1:45:A:ALA:H	9	0.13
(32,12)	1:63:A:ILE:HB	1:64:A:LYS:H	14	0.13
(30,2417)	1:132:A:ALA:HB1	1:133:A:ASN:HB2	7	0.13
(30,2417)	1:132:A:ALA:HB1	1:133:A:ASN:HB3	7	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2417)	1:132:A:ALA:HB2	1:133:A:ASN:HB2	7	0.13
(30,2417)	1:132:A:ALA:HB2	1:133:A:ASN:HB3	7	0.13
(30,2417)	1:132:A:ALA:HB3	1:133:A:ASN:HB2	7	0.13
(30,2417)	1:132:A:ALA:HB3	1:133:A:ASN:HB3	7	0.13
(30,2358)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	17	0.13
(30,2358)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	17	0.13
(30,2358)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	17	0.13
(30,2358)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	17	0.13
(30,2297)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	1	0.13
(30,2297)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	1	0.13
(30,2297)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	1	0.13
(30,2297)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	1	0.13
(30,2297)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	1	0.13
(30,2297)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	1	0.13
(30,2297)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	1	0.13
(30,2297)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	1	0.13
(30,2297)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	1	0.13
(30,2297)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	1	0.13
(30,2297)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	1	0.13
(30,2297)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	1	0.13
(30,2297)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	1	0.13
(30,2297)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	1	0.13
(30,2297)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	1	0.13
(30,2297)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	1	0.13
(30,2297)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	1	0.13
(30,2297)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	1	0.13
(30,2247)	1:69:A:MET:H	1:70:A:LYS:HG2	8	0.13
(30,2247)	1:69:A:MET:H	1:70:A:LYS:HG3	8	0.13
(30,2112)	1:39:A:VAL:HA	1:43:A:MET:HG2	9	0.13
(30,2112)	1:39:A:VAL:HA	1:43:A:MET:HG3	9	0.13
(30,2097)	1:37:A:LEU:HA	1:40:A:LEU:HD11	1	0.13
(30,2097)	1:37:A:LEU:HA	1:40:A:LEU:HD12	1	0.13
(30,2097)	1:37:A:LEU:HA	1:40:A:LEU:HD13	1	0.13
(30,2097)	1:37:A:LEU:HA	1:40:A:LEU:HD21	1	0.13
(30,2097)	1:37:A:LEU:HA	1:40:A:LEU:HD22	1	0.13
(30,2097)	1:37:A:LEU:HA	1:40:A:LEU:HD23	1	0.13
(30,2090)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	12	0.13
(30,2090)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	12	0.13
(30,2090)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	12	0.13
(30,2090)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	12	0.13
(30,2090)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	12	0.13
(30,2090)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	12	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2028)	1:22:A:ASP:H	1:23:A:LEU:HD11	6	0.13
(30,2028)	1:22:A:ASP:H	1:23:A:LEU:HD12	6	0.13
(30,2028)	1:22:A:ASP:H	1:23:A:LEU:HD13	6	0.13
(30,2028)	1:22:A:ASP:H	1:23:A:LEU:HD21	6	0.13
(30,2028)	1:22:A:ASP:H	1:23:A:LEU:HD22	6	0.13
(30,2028)	1:22:A:ASP:H	1:23:A:LEU:HD23	6	0.13
(30,1992)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	1	0.13
(30,1992)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	1	0.13
(30,1992)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	1	0.13
(30,1992)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	1	0.13
(30,1992)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	1	0.13
(30,1992)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	1	0.13
(30,1992)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	1	0.13
(30,1992)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	1	0.13
(30,1992)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	1	0.13
(30,1992)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	1	0.13
(30,1992)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	1	0.13
(30,1992)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	1	0.13
(30,1896)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	10	0.13
(30,1896)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	10	0.13
(30,1896)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	10	0.13
(30,1896)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	10	0.13
(30,1896)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	10	0.13
(30,1896)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	10	0.13
(30,1855)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	11	0.13
(30,1855)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	11	0.13
(30,1853)	1:9:A:PHE:HD1	1:58:A:ILE:H	10	0.13
(30,1853)	1:9:A:PHE:HD2	1:58:A:ILE:H	10	0.13
(30,1829)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	19	0.13
(30,1829)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	19	0.13
(30,1809)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	1	0.13
(30,1809)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	1	0.13
(30,1809)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	1	0.13
(30,1809)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	1	0.13
(30,1809)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	1	0.13
(30,1809)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	1	0.13
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	16	0.13
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	16	0.13
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	16	0.13
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	16	0.13
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	2	0.13
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	2	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	2	0.13
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	2	0.13
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	2	0.13
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	2	0.13
(30,1792)	1:15:A:ALA:HA	1:18:A:PHE:HD1	1	0.13
(30,1792)	1:15:A:ALA:HA	1:18:A:PHE:HD2	1	0.13
(30,1771)	1:63:A:ILE:HG21	1:116:A:GLN:HG2	17	0.13
(30,1771)	1:63:A:ILE:HG22	1:116:A:GLN:HG2	17	0.13
(30,1771)	1:63:A:ILE:HG23	1:116:A:GLN:HG2	17	0.13
(30,1757)	1:37:A:LEU:HG	1:38:A:GLU:HB3	1	0.13
(30,1741)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.13
(30,1741)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.13
(30,1741)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.13
(30,1740)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	15	0.13
(30,1740)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	15	0.13
(30,1740)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	15	0.13
(30,1730)	1:21:A:THR:HG21	1:22:A:ASP:HA	5	0.13
(30,1730)	1:21:A:THR:HG22	1:22:A:ASP:HA	5	0.13
(30,1730)	1:21:A:THR:HG23	1:22:A:ASP:HA	5	0.13
(30,1714)	1:67:A:PRO:HD3	1:96:A:VAL:HG21	18	0.13
(30,1714)	1:67:A:PRO:HD3	1:96:A:VAL:HG22	18	0.13
(30,1714)	1:67:A:PRO:HD3	1:96:A:VAL:HG23	18	0.13
(30,1673)	1:107:A:LEU:H	1:111:A:GLU:HB2	14	0.13
(30,1673)	1:107:A:LEU:H	1:111:A:GLU:HB3	14	0.13
(30,1629)	1:79:A:THR:H	1:80:A:TYR:HA	3	0.13
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	11	0.13
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	11	0.13
(30,1624)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	11	0.13
(30,1610)	1:73:A:ILE:HG21	1:76:A:ARG:H	8	0.13
(30,1610)	1:73:A:ILE:HG22	1:76:A:ARG:H	8	0.13
(30,1610)	1:73:A:ILE:HG23	1:76:A:ARG:H	8	0.13
(30,1610)	1:73:A:ILE:HG21	1:76:A:ARG:H	16	0.13
(30,1610)	1:73:A:ILE:HG22	1:76:A:ARG:H	16	0.13
(30,1610)	1:73:A:ILE:HG23	1:76:A:ARG:H	16	0.13
(30,1602)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	9	0.13
(30,1602)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	9	0.13
(30,1602)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	9	0.13
(30,1588)	1:98:A:ILE:HG21	1:116:A:GLN:H	15	0.13
(30,1588)	1:98:A:ILE:HG22	1:116:A:GLN:H	15	0.13
(30,1588)	1:98:A:ILE:HG23	1:116:A:GLN:H	15	0.13
(30,1535)	1:76:A:ARG:HE	1:110:A:MET:HE1	18	0.13
(30,1535)	1:76:A:ARG:HE	1:110:A:MET:HE2	18	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1535)	1:76:A:ARG:HE	1:110:A:MET:HE3	18	0.13
(30,1533)	1:69:A:MET:HE1	1:73:A:ILE:HD11	8	0.13
(30,1533)	1:69:A:MET:HE1	1:73:A:ILE:HD12	8	0.13
(30,1533)	1:69:A:MET:HE1	1:73:A:ILE:HD13	8	0.13
(30,1533)	1:69:A:MET:HE2	1:73:A:ILE:HD11	8	0.13
(30,1533)	1:69:A:MET:HE2	1:73:A:ILE:HD12	8	0.13
(30,1533)	1:69:A:MET:HE2	1:73:A:ILE:HD13	8	0.13
(30,1533)	1:69:A:MET:HE3	1:73:A:ILE:HD11	8	0.13
(30,1533)	1:69:A:MET:HE3	1:73:A:ILE:HD12	8	0.13
(30,1533)	1:69:A:MET:HE3	1:73:A:ILE:HD13	8	0.13
(30,1523)	1:110:A:MET:HE1	1:113:A:PHE:HA	2	0.13
(30,1523)	1:110:A:MET:HE2	1:113:A:PHE:HA	2	0.13
(30,1523)	1:110:A:MET:HE3	1:113:A:PHE:HA	2	0.13
(30,1515)	1:65:A:CYS:H	1:69:A:MET:HE1	18	0.13
(30,1515)	1:65:A:CYS:H	1:69:A:MET:HE2	18	0.13
(30,1515)	1:65:A:CYS:H	1:69:A:MET:HE3	18	0.13
(30,1513)	1:69:A:MET:HE1	1:110:A:MET:H	3	0.13
(30,1513)	1:69:A:MET:HE2	1:110:A:MET:H	3	0.13
(30,1513)	1:69:A:MET:HE3	1:110:A:MET:H	3	0.13
(30,1478)	1:101:A:ILE:HG21	1:116:A:GLN:H	10	0.13
(30,1478)	1:101:A:ILE:HG22	1:116:A:GLN:H	10	0.13
(30,1478)	1:101:A:ILE:HG23	1:116:A:GLN:H	10	0.13
(30,1474)	1:101:A:ILE:HG21	1:115:A:ALA:H	6	0.13
(30,1474)	1:101:A:ILE:HG22	1:115:A:ALA:H	6	0.13
(30,1474)	1:101:A:ILE:HG23	1:115:A:ALA:H	6	0.13
(30,1474)	1:101:A:ILE:HG21	1:115:A:ALA:H	7	0.13
(30,1474)	1:101:A:ILE:HG22	1:115:A:ALA:H	7	0.13
(30,1474)	1:101:A:ILE:HG23	1:115:A:ALA:H	7	0.13
(30,1334)	1:105:A:LYS:HD2	1:106:A:ASP:HA	3	0.13
(30,1334)	1:105:A:LYS:HD3	1:106:A:ASP:HA	3	0.13
(30,1242)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	11	0.13
(30,1242)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	11	0.13
(30,1242)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	11	0.13
(30,1242)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	11	0.13
(30,1242)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	11	0.13
(30,1242)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	11	0.13
(30,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD11	7	0.13
(30,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD12	7	0.13
(30,1227)	1:140:A:LEU:HA	1:144:A:LEU:HD13	7	0.13
(30,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE1	1	0.13
(30,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE2	1	0.13
(30,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE1	6	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE2	6	0.13
(30,1074)	1:101:A:ILE:HG21	1:112:A:GLN:HA	3	0.13
(30,1074)	1:101:A:ILE:HG22	1:112:A:GLN:HA	3	0.13
(30,1074)	1:101:A:ILE:HG23	1:112:A:GLN:HA	3	0.13
(30,1026)	1:63:A:ILE:HG13	1:116:A:GLN:HB2	3	0.13
(30,1026)	1:63:A:ILE:HG13	1:116:A:GLN:HB3	3	0.13
(30,1008)	1:149:A:ALA:HB1	1:150:A:THR:HA	10	0.13
(30,1008)	1:149:A:ALA:HB2	1:150:A:THR:HA	10	0.13
(30,1008)	1:149:A:ALA:HB3	1:150:A:THR:HA	10	0.13
(30,1004)	1:66:A:THR:HG21	1:96:A:VAL:HA	11	0.13
(30,1004)	1:66:A:THR:HG22	1:96:A:VAL:HA	11	0.13
(30,1004)	1:66:A:THR:HG23	1:96:A:VAL:HA	11	0.13
(30,921)	1:81:A:GLU:H	1:81:A:GLU:HG2	19	0.13
(30,921)	1:81:A:GLU:H	1:81:A:GLU:HG3	19	0.13
(30,886)	1:73:A:ILE:HB	1:76:A:ARG:HA	3	0.13
(30,881)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	17	0.13
(30,881)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	17	0.13
(30,881)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	17	0.13
(30,808)	1:64:A:LYS:H	1:98:A:ILE:HD11	19	0.13
(30,808)	1:64:A:LYS:H	1:98:A:ILE:HD12	19	0.13
(30,808)	1:64:A:LYS:H	1:98:A:ILE:HD13	19	0.13
(30,788)	1:63:A:ILE:HD11	1:69:A:MET:HE1	8	0.13
(30,788)	1:63:A:ILE:HD11	1:69:A:MET:HE2	8	0.13
(30,788)	1:63:A:ILE:HD11	1:69:A:MET:HE3	8	0.13
(30,788)	1:63:A:ILE:HD12	1:69:A:MET:HE1	8	0.13
(30,788)	1:63:A:ILE:HD12	1:69:A:MET:HE2	8	0.13
(30,788)	1:63:A:ILE:HD12	1:69:A:MET:HE3	8	0.13
(30,788)	1:63:A:ILE:HD13	1:69:A:MET:HE1	8	0.13
(30,788)	1:63:A:ILE:HD13	1:69:A:MET:HE2	8	0.13
(30,788)	1:63:A:ILE:HD13	1:69:A:MET:HE3	8	0.13
(30,788)	1:63:A:ILE:HD11	1:69:A:MET:HE1	13	0.13
(30,788)	1:63:A:ILE:HD11	1:69:A:MET:HE2	13	0.13
(30,788)	1:63:A:ILE:HD11	1:69:A:MET:HE3	13	0.13
(30,788)	1:63:A:ILE:HD12	1:69:A:MET:HE1	13	0.13
(30,788)	1:63:A:ILE:HD12	1:69:A:MET:HE2	13	0.13
(30,788)	1:63:A:ILE:HD12	1:69:A:MET:HE3	13	0.13
(30,788)	1:63:A:ILE:HD13	1:69:A:MET:HE1	13	0.13
(30,788)	1:63:A:ILE:HD13	1:69:A:MET:HE2	13	0.13
(30,788)	1:63:A:ILE:HD13	1:69:A:MET:HE3	13	0.13
(30,772)	1:101:A:ILE:HD11	1:116:A:GLN:HA	8	0.13
(30,772)	1:101:A:ILE:HD12	1:116:A:GLN:HA	8	0.13
(30,772)	1:101:A:ILE:HD13	1:116:A:GLN:HA	8	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,770)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	6	0.13
(30,770)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	6	0.13
(30,770)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	6	0.13
(30,770)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	6	0.13
(30,770)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	6	0.13
(30,770)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	6	0.13
(30,769)	1:101:A:ILE:HD11	1:115:A:ALA:H	7	0.13
(30,769)	1:101:A:ILE:HD12	1:115:A:ALA:H	7	0.13
(30,769)	1:101:A:ILE:HD13	1:115:A:ALA:H	7	0.13
(30,769)	1:101:A:ILE:HD11	1:115:A:ALA:H	18	0.13
(30,769)	1:101:A:ILE:HD12	1:115:A:ALA:H	18	0.13
(30,769)	1:101:A:ILE:HD13	1:115:A:ALA:H	18	0.13
(30,762)	1:73:A:ILE:HD11	1:113:A:PHE:H	14	0.13
(30,762)	1:73:A:ILE:HD12	1:113:A:PHE:H	14	0.13
(30,762)	1:73:A:ILE:HD13	1:113:A:PHE:H	14	0.13
(30,714)	1:9:A:PHE:HD1	1:54:A:ARG:HE	5	0.13
(30,714)	1:9:A:PHE:HD2	1:54:A:ARG:HE	5	0.13
(30,714)	1:9:A:PHE:HD1	1:54:A:ARG:HE	19	0.13
(30,714)	1:9:A:PHE:HD2	1:54:A:ARG:HE	19	0.13
(30,666)	1:101:A:ILE:HD11	1:116:A:GLN:H	1	0.13
(30,666)	1:101:A:ILE:HD12	1:116:A:GLN:H	1	0.13
(30,666)	1:101:A:ILE:HD13	1:116:A:GLN:H	1	0.13
(30,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	4	0.13
(30,613)	1:55:A:GLY:H	1:58:A:ILE:HG13	2	0.13
(30,610)	1:47:A:ALA:HB1	1:51:A:GLY:H	2	0.13
(30,610)	1:47:A:ALA:HB2	1:51:A:GLY:H	2	0.13
(30,610)	1:47:A:ALA:HB3	1:51:A:GLY:H	2	0.13
(30,561)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	15	0.13
(30,518)	1:67:A:PRO:HA	1:71:A:LYS:H	15	0.13
(30,511)	1:105:A:LYS:H	1:106:A:ASP:HB3	8	0.13
(30,509)	1:70:A:LYS:HE2	1:71:A:LYS:H	5	0.13
(30,509)	1:70:A:LYS:HE3	1:71:A:LYS:H	5	0.13
(30,496)	1:105:A:LYS:H	1:105:A:LYS:HG3	10	0.13
(30,496)	1:105:A:LYS:H	1:105:A:LYS:HG2	10	0.13
(30,488)	1:98:A:ILE:H	1:105:A:LYS:H	17	0.13
(30,393)	1:119:A:LEU:H	1:120:A:CYS:HB2	12	0.13
(30,273)	1:112:A:GLN:H	1:112:A:GLN:HE21	11	0.13
(30,268)	1:144:A:LEU:H	1:144:A:LEU:HD21	16	0.13
(30,268)	1:144:A:LEU:H	1:144:A:LEU:HD22	16	0.13
(30,268)	1:144:A:LEU:H	1:144:A:LEU:HD23	16	0.13
(30,253)	1:58:A:ILE:H	1:58:A:ILE:HD11	13	0.13
(30,253)	1:58:A:ILE:H	1:58:A:ILE:HD12	13	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,253)	1:58:A:ILE:H	1:58:A:ILE:HD13	13	0.13
(30,235)	1:10:A:ASN:H	1:13:A:ALA:HB1	7	0.13
(30,235)	1:10:A:ASN:H	1:13:A:ALA:HB2	7	0.13
(30,235)	1:10:A:ASN:H	1:13:A:ALA:HB3	7	0.13
(30,204)	1:101:A:ILE:H	1:101:A:ILE:HB	3	0.13
(30,200)	1:99:A:PRO:HA	1:101:A:ILE:H	3	0.13
(30,170)	1:116:A:GLN:HA	1:120:A:CYS:H	8	0.13
(30,152)	1:131:A:LEU:H	1:131:A:LEU:HG	12	0.13
(30,110)	1:69:A:MET:H	1:73:A:ILE:HD11	3	0.13
(30,110)	1:69:A:MET:H	1:73:A:ILE:HD12	3	0.13
(30,110)	1:69:A:MET:H	1:73:A:ILE:HD13	3	0.13
(30,110)	1:69:A:MET:H	1:73:A:ILE:HD11	17	0.13
(30,110)	1:69:A:MET:H	1:73:A:ILE:HD12	17	0.13
(30,110)	1:69:A:MET:H	1:73:A:ILE:HD13	17	0.13
(30,80)	1:43:A:MET:HB2	1:45:A:ALA:H	9	0.13
(30,14)	1:63:A:ILE:HB	1:64:A:LYS:H	14	0.13
(30,12)	1:64:A:LYS:H	1:116:A:GLN:HG2	5	0.13
(29,2422)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	18	0.13
(29,2422)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	18	0.13
(29,2422)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	18	0.13
(29,2422)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	18	0.13
(29,2422)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	18	0.13
(29,2422)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	18	0.13
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD11	14	0.13
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD12	14	0.13
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD13	14	0.13
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD21	14	0.13
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD22	14	0.13
(29,2397)	1:136:A:CYS:HA	1:140:A:LEU:HD23	14	0.13
(29,2368)	1:124:A:THR:H	1:128:A:LEU:HD11	19	0.13
(29,2368)	1:124:A:THR:H	1:128:A:LEU:HD12	19	0.13
(29,2368)	1:124:A:THR:H	1:128:A:LEU:HD13	19	0.13
(29,2368)	1:124:A:THR:H	1:128:A:LEU:HD21	19	0.13
(29,2368)	1:124:A:THR:H	1:128:A:LEU:HD22	19	0.13
(29,2368)	1:124:A:THR:H	1:128:A:LEU:HD23	19	0.13
(29,2326)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	17	0.13
(29,2326)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	17	0.13
(29,2326)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	17	0.13
(29,2326)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	17	0.13
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD11	3	0.13
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD12	3	0.13
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD13	3	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD21	3	0.13
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD22	3	0.13
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD23	3	0.13
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD11	9	0.13
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD12	9	0.13
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD13	9	0.13
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD21	9	0.13
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD22	9	0.13
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD23	9	0.13
(29,2294)	1:101:A:ILE:H	1:119:A:LEU:HD11	8	0.13
(29,2294)	1:101:A:ILE:H	1:119:A:LEU:HD12	8	0.13
(29,2294)	1:101:A:ILE:H	1:119:A:LEU:HD13	8	0.13
(29,2294)	1:101:A:ILE:H	1:119:A:LEU:HD21	8	0.13
(29,2294)	1:101:A:ILE:H	1:119:A:LEU:HD22	8	0.13
(29,2294)	1:101:A:ILE:H	1:119:A:LEU:HD23	8	0.13
(29,2241)	1:69:A:MET:HG2	1:109:A:PRO:HA	17	0.13
(29,2241)	1:69:A:MET:HG3	1:109:A:PRO:HA	17	0.13
(29,2184)	1:56:A:CYS:HB2	1:124:A:THR:HG21	4	0.13
(29,2184)	1:56:A:CYS:HB2	1:124:A:THR:HG22	4	0.13
(29,2184)	1:56:A:CYS:HB2	1:124:A:THR:HG23	4	0.13
(29,2184)	1:56:A:CYS:HB3	1:124:A:THR:HG21	4	0.13
(29,2184)	1:56:A:CYS:HB3	1:124:A:THR:HG22	4	0.13
(29,2184)	1:56:A:CYS:HB3	1:124:A:THR:HG23	4	0.13
(29,2168)	1:48:A:ARG:H	1:57:A:LEU:HD11	10	0.13
(29,2168)	1:48:A:ARG:H	1:57:A:LEU:HD12	10	0.13
(29,2168)	1:48:A:ARG:H	1:57:A:LEU:HD13	10	0.13
(29,2168)	1:48:A:ARG:H	1:57:A:LEU:HD21	10	0.13
(29,2168)	1:48:A:ARG:H	1:57:A:LEU:HD22	10	0.13
(29,2168)	1:48:A:ARG:H	1:57:A:LEU:HD23	10	0.13
(29,2163)	1:47:A:ALA:H	1:57:A:LEU:HD11	2	0.13
(29,2163)	1:47:A:ALA:H	1:57:A:LEU:HD12	2	0.13
(29,2163)	1:47:A:ALA:H	1:57:A:LEU:HD13	2	0.13
(29,2163)	1:47:A:ALA:H	1:57:A:LEU:HD21	2	0.13
(29,2163)	1:47:A:ALA:H	1:57:A:LEU:HD22	2	0.13
(29,2163)	1:47:A:ALA:H	1:57:A:LEU:HD23	2	0.13
(29,2163)	1:47:A:ALA:H	1:57:A:LEU:HD11	7	0.13
(29,2163)	1:47:A:ALA:H	1:57:A:LEU:HD12	7	0.13
(29,2163)	1:47:A:ALA:H	1:57:A:LEU:HD13	7	0.13
(29,2163)	1:47:A:ALA:H	1:57:A:LEU:HD21	7	0.13
(29,2163)	1:47:A:ALA:H	1:57:A:LEU:HD22	7	0.13
(29,2163)	1:47:A:ALA:H	1:57:A:LEU:HD23	7	0.13
(29,2155)	1:43:A:MET:HG2	1:140:A:LEU:HD11	9	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2155)	1:43:A:MET:HG2	1:140:A:LEU:HD12	9	0.13
(29,2155)	1:43:A:MET:HG2	1:140:A:LEU:HD13	9	0.13
(29,2155)	1:43:A:MET:HG2	1:140:A:LEU:HD21	9	0.13
(29,2155)	1:43:A:MET:HG2	1:140:A:LEU:HD22	9	0.13
(29,2155)	1:43:A:MET:HG2	1:140:A:LEU:HD23	9	0.13
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD11	12	0.13
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD12	12	0.13
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD13	12	0.13
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD21	12	0.13
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD22	12	0.13
(29,2103)	1:37:A:LEU:HA	1:40:A:LEU:HD23	12	0.13
(29,2099)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	12	0.13
(29,2099)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	12	0.13
(29,2099)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	12	0.13
(29,2099)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	12	0.13
(29,2099)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	12	0.13
(29,2099)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	12	0.13
(29,2080)	1:35:A:LEU:H	1:35:A:LEU:HD11	3	0.13
(29,2080)	1:35:A:LEU:H	1:35:A:LEU:HD12	3	0.13
(29,2080)	1:35:A:LEU:H	1:35:A:LEU:HD13	3	0.13
(29,2080)	1:35:A:LEU:H	1:35:A:LEU:HD21	3	0.13
(29,2080)	1:35:A:LEU:H	1:35:A:LEU:HD22	3	0.13
(29,2080)	1:35:A:LEU:H	1:35:A:LEU:HD23	3	0.13
(29,2056)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	15	0.13
(29,2056)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	15	0.13
(29,2056)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	15	0.13
(29,2056)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	15	0.13
(29,2056)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	15	0.13
(29,2056)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	15	0.13
(29,2056)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	15	0.13
(29,2056)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	15	0.13
(29,2056)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	15	0.13
(29,2056)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	15	0.13
(29,2056)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	15	0.13
(29,2056)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	15	0.13
(29,2051)	1:22:A:ASP:H	1:23:A:LEU:HD11	6	0.13
(29,2051)	1:22:A:ASP:H	1:23:A:LEU:HD12	6	0.13
(29,2051)	1:22:A:ASP:H	1:23:A:LEU:HD13	6	0.13
(29,2051)	1:22:A:ASP:H	1:23:A:LEU:HD21	6	0.13
(29,2051)	1:22:A:ASP:H	1:23:A:LEU:HD22	6	0.13
(29,2051)	1:22:A:ASP:H	1:23:A:LEU:HD23	6	0.13
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD11	12	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD12	12	0.13
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD13	12	0.13
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD21	12	0.13
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD22	12	0.13
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD23	12	0.13
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG21	7	0.13
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG22	7	0.13
(29,1995)	1:12:A:VAL:HG11	1:79:A:THR:HG23	7	0.13
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG21	7	0.13
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG22	7	0.13
(29,1995)	1:12:A:VAL:HG12	1:79:A:THR:HG23	7	0.13
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG21	7	0.13
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG22	7	0.13
(29,1995)	1:12:A:VAL:HG13	1:79:A:THR:HG23	7	0.13
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG21	7	0.13
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG22	7	0.13
(29,1995)	1:12:A:VAL:HG21	1:79:A:THR:HG23	7	0.13
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG21	7	0.13
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG22	7	0.13
(29,1995)	1:12:A:VAL:HG22	1:79:A:THR:HG23	7	0.13
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG21	7	0.13
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG22	7	0.13
(29,1995)	1:12:A:VAL:HG23	1:79:A:THR:HG23	7	0.13
(29,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HB	3	0.13
(29,1978)	1:11:A:ILE:HG13	1:14:A:VAL:HB	3	0.13
(29,1922)	1:151:A:PHE:H	1:151:A:PHE:HD1	14	0.13
(29,1922)	1:151:A:PHE:H	1:151:A:PHE:HD2	14	0.13
(29,1901)	1:104:A:PHE:HE1	1:105:A:LYS:H	2	0.13
(29,1901)	1:104:A:PHE:HE2	1:105:A:LYS:H	2	0.13
(29,1888)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	15	0.13
(29,1888)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	15	0.13
(29,1888)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	15	0.13
(29,1888)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	15	0.13
(29,1888)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	15	0.13
(29,1888)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	15	0.13
(29,1873)	1:9:A:PHE:HD1	1:58:A:ILE:H	10	0.13
(29,1873)	1:9:A:PHE:HD2	1:58:A:ILE:H	10	0.13
(29,1852)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	8	0.13
(29,1852)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	8	0.13
(29,1823)	1:104:A:PHE:HE1	1:116:A:GLN:HE22	19	0.13
(29,1823)	1:104:A:PHE:HE2	1:116:A:GLN:HE22	19	0.13
(29,1812)	1:15:A:ALA:HA	1:18:A:PHE:HD1	1	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1812)	1:15:A:ALA:HA	1:18:A:PHE:HD2	1	0.13
(29,1764)	1:140:A:LEU:HD11	1:144:A:LEU:H	10	0.13
(29,1764)	1:140:A:LEU:HD12	1:144:A:LEU:H	10	0.13
(29,1764)	1:140:A:LEU:HD13	1:144:A:LEU:H	10	0.13
(29,1724)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	11	0.13
(29,1723)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	7	0.13
(29,1723)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	7	0.13
(29,1717)	1:14:A:VAL:H	1:43:A:MET:HE1	9	0.13
(29,1717)	1:14:A:VAL:H	1:43:A:MET:HE2	9	0.13
(29,1717)	1:14:A:VAL:H	1:43:A:MET:HE3	9	0.13
(29,1717)	1:14:A:VAL:H	1:43:A:MET:HE1	14	0.13
(29,1717)	1:14:A:VAL:H	1:43:A:MET:HE2	14	0.13
(29,1717)	1:14:A:VAL:H	1:43:A:MET:HE3	14	0.13
(29,1717)	1:14:A:VAL:H	1:43:A:MET:HE1	15	0.13
(29,1717)	1:14:A:VAL:H	1:43:A:MET:HE2	15	0.13
(29,1717)	1:14:A:VAL:H	1:43:A:MET:HE3	15	0.13
(29,1717)	1:14:A:VAL:H	1:43:A:MET:HE1	18	0.13
(29,1717)	1:14:A:VAL:H	1:43:A:MET:HE2	18	0.13
(29,1717)	1:14:A:VAL:H	1:43:A:MET:HE3	18	0.13
(29,1692)	1:107:A:LEU:H	1:111:A:GLU:HB2	14	0.13
(29,1692)	1:107:A:LEU:H	1:111:A:GLU:HB3	14	0.13
(29,1642)	1:79:A:THR:H	1:80:A:TYR:HA	3	0.13
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB1	11	0.13
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB2	11	0.13
(29,1636)	1:145:A:PRO:HB2	1:149:A:ALA:HB3	11	0.13
(29,1613)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	16	0.13
(29,1613)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	16	0.13
(29,1613)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	16	0.13
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	9	0.13
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	9	0.13
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	9	0.13
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	9	0.13
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	9	0.13
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	9	0.13
(29,1599)	1:98:A:ILE:HG21	1:116:A:GLN:H	15	0.13
(29,1599)	1:98:A:ILE:HG22	1:116:A:GLN:H	15	0.13
(29,1599)	1:98:A:ILE:HG23	1:116:A:GLN:H	15	0.13
(29,1549)	1:69:A:MET:HE1	1:73:A:ILE:HD11	8	0.13
(29,1549)	1:69:A:MET:HE1	1:73:A:ILE:HD12	8	0.13
(29,1549)	1:69:A:MET:HE1	1:73:A:ILE:HD13	8	0.13
(29,1549)	1:69:A:MET:HE2	1:73:A:ILE:HD11	8	0.13
(29,1549)	1:69:A:MET:HE2	1:73:A:ILE:HD12	8	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1549)	1:69:A:MET:HE2	1:73:A:ILE:HD13	8	0.13
(29,1549)	1:69:A:MET:HE3	1:73:A:ILE:HD11	8	0.13
(29,1549)	1:69:A:MET:HE3	1:73:A:ILE:HD12	8	0.13
(29,1549)	1:69:A:MET:HE3	1:73:A:ILE:HD13	8	0.13
(29,1545)	1:66:A:THR:HG21	1:69:A:MET:HE1	10	0.13
(29,1545)	1:66:A:THR:HG21	1:69:A:MET:HE2	10	0.13
(29,1545)	1:66:A:THR:HG21	1:69:A:MET:HE3	10	0.13
(29,1545)	1:66:A:THR:HG22	1:69:A:MET:HE1	10	0.13
(29,1545)	1:66:A:THR:HG22	1:69:A:MET:HE2	10	0.13
(29,1545)	1:66:A:THR:HG22	1:69:A:MET:HE3	10	0.13
(29,1545)	1:66:A:THR:HG23	1:69:A:MET:HE1	10	0.13
(29,1545)	1:66:A:THR:HG23	1:69:A:MET:HE2	10	0.13
(29,1545)	1:66:A:THR:HG23	1:69:A:MET:HE3	10	0.13
(29,1538)	1:110:A:MET:HE1	1:113:A:PHE:HA	2	0.13
(29,1538)	1:110:A:MET:HE2	1:113:A:PHE:HA	2	0.13
(29,1538)	1:110:A:MET:HE3	1:113:A:PHE:HA	2	0.13
(29,1488)	1:101:A:ILE:HG21	1:116:A:GLN:H	10	0.13
(29,1488)	1:101:A:ILE:HG22	1:116:A:GLN:H	10	0.13
(29,1488)	1:101:A:ILE:HG23	1:116:A:GLN:H	10	0.13
(29,1484)	1:101:A:ILE:HG21	1:115:A:ALA:H	6	0.13
(29,1484)	1:101:A:ILE:HG22	1:115:A:ALA:H	6	0.13
(29,1484)	1:101:A:ILE:HG23	1:115:A:ALA:H	6	0.13
(29,1484)	1:101:A:ILE:HG21	1:115:A:ALA:H	7	0.13
(29,1484)	1:101:A:ILE:HG22	1:115:A:ALA:H	7	0.13
(29,1484)	1:101:A:ILE:HG23	1:115:A:ALA:H	7	0.13
(29,1434)	1:121:A:VAL:HG21	1:122:A:ASP:H	15	0.13
(29,1434)	1:121:A:VAL:HG22	1:122:A:ASP:H	15	0.13
(29,1434)	1:121:A:VAL:HG23	1:122:A:ASP:H	15	0.13
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG21	2	0.13
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG22	2	0.13
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG23	2	0.13
(29,1346)	1:105:A:LYS:HD2	1:106:A:ASP:HA	3	0.13
(29,1346)	1:105:A:LYS:HD3	1:106:A:ASP:HA	3	0.13
(29,1256)	1:38:A:GLU:HB2	1:139:A:LEU:HD21	17	0.13
(29,1256)	1:38:A:GLU:HB2	1:139:A:LEU:HD22	17	0.13
(29,1256)	1:38:A:GLU:HB2	1:139:A:LEU:HD23	17	0.13
(29,1163)	1:145:A:PRO:HB2	1:146:A:GLN:HA	3	0.13
(29,1087)	1:11:A:ILE:HB	1:44:A:GLU:HA	10	0.13
(29,1050)	1:63:A:ILE:HG13	1:116:A:GLN:HB2	3	0.13
(29,1050)	1:63:A:ILE:HG13	1:116:A:GLN:HB3	3	0.13
(29,1045)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	11	0.13
(29,1030)	1:149:A:ALA:HB1	1:150:A:THR:HA	10	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1030)	1:149:A:ALA:HB2	1:150:A:THR:HA	10	0.13
(29,1030)	1:149:A:ALA:HB3	1:150:A:THR:HA	10	0.13
(29,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	13	0.13
(29,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	13	0.13
(29,925)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	13	0.13
(29,903)	1:94:A:ALA:HA	1:95:A:ILE:HB	6	0.13
(29,898)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	17	0.13
(29,898)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	17	0.13
(29,898)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	17	0.13
(29,886)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	7	0.13
(29,886)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	7	0.13
(29,886)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	7	0.13
(29,828)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	10	0.13
(29,828)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	10	0.13
(29,828)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	10	0.13
(29,828)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	10	0.13
(29,828)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	10	0.13
(29,828)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	10	0.13
(29,827)	1:64:A:LYS:H	1:98:A:ILE:HD11	19	0.13
(29,827)	1:64:A:LYS:H	1:98:A:ILE:HD12	19	0.13
(29,827)	1:64:A:LYS:H	1:98:A:ILE:HD13	19	0.13
(29,810)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	2	0.13
(29,810)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	2	0.13
(29,810)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	2	0.13
(29,810)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	2	0.13
(29,810)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	2	0.13
(29,810)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	2	0.13
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	19	0.13
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	19	0.13
(29,796)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	19	0.13
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	19	0.13
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	19	0.13
(29,796)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	19	0.13
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	19	0.13
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	19	0.13
(29,796)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	19	0.13
(29,793)	1:101:A:ILE:HD11	1:116:A:GLN:HA	8	0.13
(29,793)	1:101:A:ILE:HD12	1:116:A:GLN:HA	8	0.13
(29,793)	1:101:A:ILE:HD13	1:116:A:GLN:HA	8	0.13
(29,791)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	6	0.13
(29,791)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	6	0.13
(29,791)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	6	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,791)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	6	0.13
(29,791)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	6	0.13
(29,791)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	6	0.13
(29,790)	1:101:A:ILE:H	1:101:A:ILE:HD11	10	0.13
(29,790)	1:101:A:ILE:H	1:101:A:ILE:HD12	10	0.13
(29,790)	1:101:A:ILE:H	1:101:A:ILE:HD13	10	0.13
(29,783)	1:73:A:ILE:HD11	1:113:A:PHE:H	14	0.13
(29,783)	1:73:A:ILE:HD12	1:113:A:PHE:H	14	0.13
(29,783)	1:73:A:ILE:HD13	1:113:A:PHE:H	14	0.13
(29,704)	1:98:A:ILE:H	1:100:A:ALA:H	9	0.13
(29,704)	1:98:A:ILE:H	1:100:A:ALA:H	11	0.13
(29,679)	1:120:A:CYS:H	1:121:A:VAL:HG11	9	0.13
(29,679)	1:120:A:CYS:H	1:121:A:VAL:HG12	9	0.13
(29,679)	1:120:A:CYS:H	1:121:A:VAL:HG13	9	0.13
(29,676)	1:101:A:ILE:HD11	1:116:A:GLN:H	1	0.13
(29,676)	1:101:A:ILE:HD12	1:116:A:GLN:H	1	0.13
(29,676)	1:101:A:ILE:HD13	1:116:A:GLN:H	1	0.13
(29,662)	1:101:A:ILE:H	1:104:A:PHE:HB3	9	0.13
(29,626)	1:35:A:LEU:H	1:80:A:TYR:HB2	4	0.13
(29,624)	1:118:A:ASP:H	1:120:A:CYS:H	6	0.13
(29,572)	1:63:A:ILE:HG21	1:116:A:GLN:H	10	0.13
(29,572)	1:63:A:ILE:HG22	1:116:A:GLN:H	10	0.13
(29,572)	1:63:A:ILE:HG23	1:116:A:GLN:H	10	0.13
(29,564)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	15	0.13
(29,516)	1:67:A:PRO:HB2	1:71:A:LYS:H	13	0.13
(29,516)	1:67:A:PRO:HB3	1:71:A:LYS:H	13	0.13
(29,491)	1:105:A:LYS:H	1:107:A:LEU:H	13	0.13
(29,427)	1:100:A:ALA:H	1:101:A:ILE:HG12	3	0.13
(29,413)	1:125:A:THR:H	1:128:A:LEU:HG	7	0.13
(29,322)	1:46:A:ASN:H	1:49:A:LYS:HB2	4	0.13
(29,322)	1:46:A:ASN:H	1:49:A:LYS:HB3	4	0.13
(29,272)	1:112:A:GLN:H	1:112:A:GLN:HE21	11	0.13
(29,261)	1:39:A:VAL:H	1:39:A:VAL:HB	4	0.13
(29,261)	1:39:A:VAL:H	1:39:A:VAL:HB	6	0.13
(29,251)	1:58:A:ILE:H	1:58:A:ILE:HD11	13	0.13
(29,251)	1:58:A:ILE:H	1:58:A:ILE:HD12	13	0.13
(29,251)	1:58:A:ILE:H	1:58:A:ILE:HD13	13	0.13
(29,238)	1:50:A:ALA:H	1:52:A:CYS:H	1	0.13
(29,157)	1:138:A:ASP:H	1:140:A:LEU:HB2	3	0.13
(29,156)	1:131:A:LEU:H	1:131:A:LEU:HG	12	0.13
(29,122)	1:79:A:THR:H	1:80:A:TYR:H	16	0.13
(29,63)	1:117:A:VAL:H	1:118:A:ASP:HB2	9	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,43)	1:45:A:ALA:HA	1:47:A:ALA:H	3	0.13
(29,43)	1:45:A:ALA:HA	1:47:A:ALA:H	8	0.13
(29,37)	1:95:A:ILE:HB	1:96:A:VAL:H	15	0.13
(28,3)	1:59:A:CYS:CB	1:120:A:CYS:CB	9	0.13
(28,2)	1:59:A:CYS:SG	1:120:A:CYS:CB	2	0.13
(27,2)	1:65:A:CYS:SG	1:77:A:CYS:SG	15	0.13
(24,41)	1:120:A:CYS:H	1:116:A:GLN:O	10	0.13
(24,41)	1:120:A:CYS:H	1:116:A:GLN:O	14	0.13
(24,41)	1:120:A:CYS:H	1:116:A:GLN:O	15	0.13
(24,35)	1:117:A:VAL:H	1:113:A:PHE:O	16	0.13
(24,33)	1:116:A:GLN:H	1:112:A:GLN:O	9	0.13
(24,29)	1:114:A:ILE:H	1:110:A:MET:O	1	0.13
(24,25)	1:107:A:LEU:H	1:103:A:ARG:O	10	0.13
(24,3)	1:66:A:THR:HG1	1:112:A:GLN:OE1	11	0.13
(23,14)	1:115:A:ALA:N	1:111:A:GLU:O	14	0.13
(23,14)	1:115:A:ALA:N	1:111:A:GLU:O	17	0.13
(23,8)	1:61:A:SER:N	1:57:A:LEU:O	1	0.13
(23,6)	1:59:A:CYS:N	1:55:A:GLY:O	8	0.13
(23,6)	1:59:A:CYS:N	1:55:A:GLY:O	13	0.13
(23,3)	1:44:A:GLU:N	1:40:A:LEU:O	3	0.13
(23,3)	1:44:A:GLU:N	1:40:A:LEU:O	12	0.13
(23,1)	1:17:A:ASN:N	1:13:A:ALA:O	2	0.13
(23,1)	1:17:A:ASN:N	1:13:A:ALA:O	5	0.13
(23,1)	1:17:A:ASN:N	1:13:A:ALA:O	11	0.13
(22,22)	1:107:A:LEU:N	1:103:A:ARG:C	19	0.13
(22,19)	1:101:A:ILE:H	1:98:A:ILE:C	8	0.13
(22,19)	1:101:A:ILE:H	1:98:A:ILE:C	9	0.13
(22,19)	1:101:A:ILE:H	1:98:A:ILE:C	12	0.13
(22,19)	1:101:A:ILE:H	1:98:A:ILE:C	14	0.13
(22,19)	1:101:A:ILE:H	1:98:A:ILE:C	15	0.13
(22,19)	1:101:A:ILE:H	1:98:A:ILE:C	16	0.13
(22,4)	1:39:A:VAL:N	1:36:A:PRO:C	2	0.13
(20,13)	1:65:A:CYS:SG	1:77:A:CYS:SG	15	0.13
(19,22)	1:59:A:CYS:SG	1:120:A:CYS:CB	2	0.13
(19,18)	1:56:A:CYS:SG	1:123:A:CYS:CB	6	0.13
(19,15)	1:52:A:CYS:SG	1:127:A:CYS:CB	3	0.13
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD11	14	0.13
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD12	14	0.13
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD13	14	0.13
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD21	14	0.13
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD22	14	0.13
(18,2416)	1:136:A:CYS:HA	1:140:A:LEU:HD23	14	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2405)	1:132:A:ALA:HB1	1:133:A:ASN:HB2	7	0.13
(18,2405)	1:132:A:ALA:HB1	1:133:A:ASN:HB3	7	0.13
(18,2405)	1:132:A:ALA:HB2	1:133:A:ASN:HB2	7	0.13
(18,2405)	1:132:A:ALA:HB2	1:133:A:ASN:HB3	7	0.13
(18,2405)	1:132:A:ALA:HB3	1:133:A:ASN:HB2	7	0.13
(18,2405)	1:132:A:ALA:HB3	1:133:A:ASN:HB3	7	0.13
(18,2278)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	1	0.13
(18,2278)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	1	0.13
(18,2278)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	1	0.13
(18,2278)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	1	0.13
(18,2278)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	1	0.13
(18,2278)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	1	0.13
(18,2278)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	1	0.13
(18,2278)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	1	0.13
(18,2278)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	1	0.13
(18,2278)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	1	0.13
(18,2278)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	1	0.13
(18,2278)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	1	0.13
(18,2278)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	1	0.13
(18,2278)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	1	0.13
(18,2278)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	1	0.13
(18,2278)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	1	0.13
(18,2278)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	1	0.13
(18,2278)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	1	0.13
(18,2277)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	2	0.13
(18,2277)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	2	0.13
(18,2277)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	2	0.13
(18,2277)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	2	0.13
(18,2277)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	2	0.13
(18,2277)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	2	0.13
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG11	1	0.13
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG12	1	0.13
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG13	1	0.13
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG21	1	0.13
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG22	1	0.13
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG23	1	0.13
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD11	3	0.13
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD12	3	0.13
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD13	3	0.13
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD21	3	0.13
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD22	3	0.13
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD23	3	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD11	7	0.13
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD12	7	0.13
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD13	7	0.13
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD21	7	0.13
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD22	7	0.13
(18,2134)	1:42:A:GLU:H	1:139:A:LEU:HD23	7	0.13
(18,2098)	1:39:A:VAL:H	1:139:A:LEU:HD11	13	0.13
(18,2098)	1:39:A:VAL:H	1:139:A:LEU:HD12	13	0.13
(18,2098)	1:39:A:VAL:H	1:139:A:LEU:HD13	13	0.13
(18,2098)	1:39:A:VAL:H	1:139:A:LEU:HD21	13	0.13
(18,2098)	1:39:A:VAL:H	1:139:A:LEU:HD22	13	0.13
(18,2098)	1:39:A:VAL:H	1:139:A:LEU:HD23	13	0.13
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD11	5	0.13
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD12	5	0.13
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD13	5	0.13
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD21	5	0.13
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD22	5	0.13
(18,2087)	1:38:A:GLU:H	1:40:A:LEU:HD23	5	0.13
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD11	12	0.13
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD12	12	0.13
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD13	12	0.13
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD21	12	0.13
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD22	12	0.13
(18,2083)	1:37:A:LEU:HA	1:40:A:LEU:HD23	12	0.13
(18,2080)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	12	0.13
(18,2080)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	12	0.13
(18,2080)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	12	0.13
(18,2080)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	12	0.13
(18,2080)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	12	0.13
(18,2080)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	12	0.13
(18,2033)	1:22:A:ASP:H	1:23:A:LEU:HD11	6	0.13
(18,2033)	1:22:A:ASP:H	1:23:A:LEU:HD12	6	0.13
(18,2033)	1:22:A:ASP:H	1:23:A:LEU:HD13	6	0.13
(18,2033)	1:22:A:ASP:H	1:23:A:LEU:HD21	6	0.13
(18,2033)	1:22:A:ASP:H	1:23:A:LEU:HD22	6	0.13
(18,2033)	1:22:A:ASP:H	1:23:A:LEU:HD23	6	0.13
(18,1993)	1:14:A:VAL:HG11	1:60:A:LEU:HB2	2	0.13
(18,1993)	1:14:A:VAL:HG12	1:60:A:LEU:HB2	2	0.13
(18,1993)	1:14:A:VAL:HG13	1:60:A:LEU:HB2	2	0.13
(18,1993)	1:14:A:VAL:HG21	1:60:A:LEU:HB2	2	0.13
(18,1993)	1:14:A:VAL:HG22	1:60:A:LEU:HB2	2	0.13
(18,1993)	1:14:A:VAL:HG23	1:60:A:LEU:HB2	2	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1975)	1:12:A:VAL:HG11	1:43:A:MET:HB2	9	0.13
(18,1975)	1:12:A:VAL:HG12	1:43:A:MET:HB2	9	0.13
(18,1975)	1:12:A:VAL:HG13	1:43:A:MET:HB2	9	0.13
(18,1975)	1:12:A:VAL:HG21	1:43:A:MET:HB2	9	0.13
(18,1975)	1:12:A:VAL:HG22	1:43:A:MET:HB2	9	0.13
(18,1975)	1:12:A:VAL:HG23	1:43:A:MET:HB2	9	0.13
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG11	6	0.13
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG12	6	0.13
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG13	6	0.13
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG21	6	0.13
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG22	6	0.13
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG23	6	0.13
(18,1922)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	13	0.13
(18,1922)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	13	0.13
(18,1922)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	13	0.13
(18,1922)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	13	0.13
(18,1922)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	13	0.13
(18,1922)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	13	0.13
(18,1922)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	13	0.13
(18,1922)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	13	0.13
(18,1922)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	13	0.13
(18,1922)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	13	0.13
(18,1922)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	13	0.13
(18,1922)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	13	0.13
(18,1905)	1:58:A:ILE:HG12	1:62:A:HIS:HE1	5	0.13
(18,1902)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	2	0.13
(18,1893)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	8	0.13
(18,1893)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	8	0.13
(18,1893)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	8	0.13
(18,1893)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	8	0.13
(18,1887)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	9	0.13
(18,1887)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	9	0.13
(18,1887)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	9	0.13
(18,1887)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	9	0.13
(18,1887)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	9	0.13
(18,1887)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	9	0.13
(18,1840)	1:9:A:PHE:HD1	1:58:A:ILE:H	10	0.13
(18,1840)	1:9:A:PHE:HD2	1:58:A:ILE:H	10	0.13
(18,1778)	1:68:A:LYS:HA	1:72:A:PHE:HD1	14	0.13
(18,1778)	1:68:A:LYS:HA	1:72:A:PHE:HD2	14	0.13
(18,1772)	1:15:A:ALA:HA	1:18:A:PHE:HD1	1	0.13
(18,1772)	1:15:A:ALA:HA	1:18:A:PHE:HD2	1	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1748)	1:66:A:THR:HG21	1:97:A:ASP:HA	12	0.13
(18,1748)	1:66:A:THR:HG22	1:97:A:ASP:HA	12	0.13
(18,1748)	1:66:A:THR:HG23	1:97:A:ASP:HA	12	0.13
(18,1748)	1:66:A:THR:HG21	1:97:A:ASP:HA	16	0.13
(18,1748)	1:66:A:THR:HG22	1:97:A:ASP:HA	16	0.13
(18,1748)	1:66:A:THR:HG23	1:97:A:ASP:HA	16	0.13
(18,1747)	1:57:A:LEU:HG	1:60:A:LEU:HG	3	0.13
(18,1747)	1:57:A:LEU:HG	1:60:A:LEU:HG	9	0.13
(18,1732)	1:36:A:PRO:HA	1:37:A:LEU:HD21	13	0.13
(18,1732)	1:36:A:PRO:HA	1:37:A:LEU:HD22	13	0.13
(18,1732)	1:36:A:PRO:HA	1:37:A:LEU:HD23	13	0.13
(18,1708)	1:21:A:THR:HG21	1:22:A:ASP:HA	5	0.13
(18,1708)	1:21:A:THR:HG22	1:22:A:ASP:HA	5	0.13
(18,1708)	1:21:A:THR:HG23	1:22:A:ASP:HA	5	0.13
(18,1705)	1:79:A:THR:HG21	1:81:A:GLU:HB3	13	0.13
(18,1705)	1:79:A:THR:HG22	1:81:A:GLU:HB3	13	0.13
(18,1705)	1:79:A:THR:HG23	1:81:A:GLU:HB3	13	0.13
(18,1689)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	11	0.13
(18,1615)	1:34:A:LYS:H	1:80:A:TYR:HA	10	0.13
(18,1614)	1:79:A:THR:H	1:80:A:TYR:HA	3	0.13
(18,1602)	1:27:A:ARG:HD2	1:30:A:LEU:HD11	8	0.13
(18,1602)	1:27:A:ARG:HD2	1:30:A:LEU:HD12	8	0.13
(18,1602)	1:27:A:ARG:HD2	1:30:A:LEU:HD13	8	0.13
(18,1602)	1:27:A:ARG:HD3	1:30:A:LEU:HD11	8	0.13
(18,1602)	1:27:A:ARG:HD3	1:30:A:LEU:HD12	8	0.13
(18,1602)	1:27:A:ARG:HD3	1:30:A:LEU:HD13	8	0.13
(18,1591)	1:73:A:ILE:HG21	1:76:A:ARG:H	8	0.13
(18,1591)	1:73:A:ILE:HG22	1:76:A:ARG:H	8	0.13
(18,1591)	1:73:A:ILE:HG23	1:76:A:ARG:H	8	0.13
(18,1591)	1:73:A:ILE:HG21	1:76:A:ARG:H	16	0.13
(18,1591)	1:73:A:ILE:HG22	1:76:A:ARG:H	16	0.13
(18,1591)	1:73:A:ILE:HG23	1:76:A:ARG:H	16	0.13
(18,1588)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	17	0.13
(18,1588)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	17	0.13
(18,1588)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	17	0.13
(18,1575)	1:98:A:ILE:HG21	1:104:A:PHE:HE1	14	0.13
(18,1575)	1:98:A:ILE:HG21	1:104:A:PHE:HE2	14	0.13
(18,1575)	1:98:A:ILE:HG22	1:104:A:PHE:HE1	14	0.13
(18,1575)	1:98:A:ILE:HG22	1:104:A:PHE:HE2	14	0.13
(18,1575)	1:98:A:ILE:HG23	1:104:A:PHE:HE1	14	0.13
(18,1575)	1:98:A:ILE:HG23	1:104:A:PHE:HE2	14	0.13
(18,1571)	1:98:A:ILE:HG21	1:116:A:GLN:H	15	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1571)	1:98:A:ILE:HG22	1:116:A:GLN:H	15	0.13
(18,1571)	1:98:A:ILE:HG23	1:116:A:GLN:H	15	0.13
(18,1557)	1:61:A:SER:HA	1:63:A:ILE:HD11	8	0.13
(18,1557)	1:61:A:SER:HA	1:63:A:ILE:HD12	8	0.13
(18,1557)	1:61:A:SER:HA	1:63:A:ILE:HD13	8	0.13
(18,1540)	1:38:A:GLU:HA	1:139:A:LEU:HD21	13	0.13
(18,1540)	1:38:A:GLU:HA	1:139:A:LEU:HD22	13	0.13
(18,1540)	1:38:A:GLU:HA	1:139:A:LEU:HD23	13	0.13
(18,1522)	1:66:A:THR:HG21	1:69:A:MET:HE1	10	0.13
(18,1522)	1:66:A:THR:HG21	1:69:A:MET:HE2	10	0.13
(18,1522)	1:66:A:THR:HG21	1:69:A:MET:HE3	10	0.13
(18,1522)	1:66:A:THR:HG22	1:69:A:MET:HE1	10	0.13
(18,1522)	1:66:A:THR:HG22	1:69:A:MET:HE2	10	0.13
(18,1522)	1:66:A:THR:HG22	1:69:A:MET:HE3	10	0.13
(18,1522)	1:66:A:THR:HG23	1:69:A:MET:HE1	10	0.13
(18,1522)	1:66:A:THR:HG23	1:69:A:MET:HE2	10	0.13
(18,1522)	1:66:A:THR:HG23	1:69:A:MET:HE3	10	0.13
(18,1507)	1:65:A:CYS:H	1:69:A:MET:HE1	18	0.13
(18,1507)	1:65:A:CYS:H	1:69:A:MET:HE2	18	0.13
(18,1507)	1:65:A:CYS:H	1:69:A:MET:HE3	18	0.13
(18,1506)	1:69:A:MET:HE1	1:114:A:ILE:H	13	0.13
(18,1506)	1:69:A:MET:HE2	1:114:A:ILE:H	13	0.13
(18,1506)	1:69:A:MET:HE3	1:114:A:ILE:H	13	0.13
(18,1495)	1:43:A:MET:HA	1:43:A:MET:HE1	1	0.13
(18,1495)	1:43:A:MET:HA	1:43:A:MET:HE2	1	0.13
(18,1495)	1:43:A:MET:HA	1:43:A:MET:HE3	1	0.13
(18,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB1	5	0.13
(18,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB2	5	0.13
(18,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB3	5	0.13
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG21	2	0.13
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG22	2	0.13
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG23	2	0.13
(18,1408)	1:73:A:ILE:HG21	1:110:A:MET:H	15	0.13
(18,1408)	1:73:A:ILE:HG22	1:110:A:MET:H	15	0.13
(18,1408)	1:73:A:ILE:HG23	1:110:A:MET:H	15	0.13
(18,1398)	1:129:A:LYS:HA	1:132:A:ALA:HB1	18	0.13
(18,1398)	1:129:A:LYS:HA	1:132:A:ALA:HB2	18	0.13
(18,1398)	1:129:A:LYS:HA	1:132:A:ALA:HB3	18	0.13
(18,1356)	1:119:A:LEU:HB2	1:121:A:VAL:HG11	15	0.13
(18,1356)	1:119:A:LEU:HB2	1:121:A:VAL:HG12	15	0.13
(18,1356)	1:119:A:LEU:HB2	1:121:A:VAL:HG13	15	0.13
(18,1334)	1:105:A:LYS:HD2	1:106:A:ASP:HA	3	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1334)	1:105:A:LYS:HD3	1:106:A:ASP:HA	3	0.13
(18,1289)	1:9:A:PHE:HE1	1:14:A:VAL:HG11	14	0.13
(18,1289)	1:9:A:PHE:HE1	1:14:A:VAL:HG12	14	0.13
(18,1289)	1:9:A:PHE:HE1	1:14:A:VAL:HG13	14	0.13
(18,1289)	1:9:A:PHE:HE2	1:14:A:VAL:HG11	14	0.13
(18,1289)	1:9:A:PHE:HE2	1:14:A:VAL:HG12	14	0.13
(18,1289)	1:9:A:PHE:HE2	1:14:A:VAL:HG13	14	0.13
(18,1200)	1:104:A:PHE:HA	1:107:A:LEU:HD21	11	0.13
(18,1200)	1:104:A:PHE:HA	1:107:A:LEU:HD22	11	0.13
(18,1200)	1:104:A:PHE:HA	1:107:A:LEU:HD23	11	0.13
(18,1138)	1:140:A:LEU:HA	1:144:A:LEU:HD11	7	0.13
(18,1138)	1:140:A:LEU:HA	1:144:A:LEU:HD12	7	0.13
(18,1138)	1:140:A:LEU:HA	1:144:A:LEU:HD13	7	0.13
(18,1124)	1:43:A:MET:HA	1:43:A:MET:HG3	18	0.13
(18,1098)	1:108:A:GLU:HB2	1:109:A:PRO:HD3	16	0.13
(18,1098)	1:108:A:GLU:HB2	1:109:A:PRO:HD3	17	0.13
(18,1088)	1:11:A:ILE:HB	1:44:A:GLU:HA	10	0.13
(18,1051)	1:63:A:ILE:HG13	1:116:A:GLN:HB2	3	0.13
(18,1051)	1:63:A:ILE:HG13	1:116:A:GLN:HB3	3	0.13
(18,1045)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	11	0.13
(18,1032)	1:149:A:ALA:HB1	1:150:A:THR:HA	10	0.13
(18,1032)	1:149:A:ALA:HB2	1:150:A:THR:HA	10	0.13
(18,1032)	1:149:A:ALA:HB3	1:150:A:THR:HA	10	0.13
(18,979)	1:110:A:MET:HG2	1:114:A:ILE:HD11	10	0.13
(18,979)	1:110:A:MET:HG2	1:114:A:ILE:HD12	10	0.13
(18,979)	1:110:A:MET:HG2	1:114:A:ILE:HD13	10	0.13
(18,979)	1:110:A:MET:HG3	1:114:A:ILE:HD11	10	0.13
(18,979)	1:110:A:MET:HG3	1:114:A:ILE:HD12	10	0.13
(18,979)	1:110:A:MET:HG3	1:114:A:ILE:HD13	10	0.13
(18,978)	1:138:A:ASP:HA	1:141:A:LYS:HB2	8	0.13
(18,978)	1:138:A:ASP:HA	1:141:A:LYS:HB3	8	0.13
(18,939)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	16	0.13
(18,939)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	16	0.13
(18,939)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	16	0.13
(18,939)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	16	0.13
(18,931)	1:108:A:GLU:HG3	1:112:A:GLN:H	18	0.13
(18,906)	1:73:A:ILE:HB	1:76:A:ARG:HA	3	0.13
(18,831)	1:98:A:ILE:HD11	1:119:A:LEU:HG	2	0.13
(18,831)	1:98:A:ILE:HD12	1:119:A:LEU:HG	2	0.13
(18,831)	1:98:A:ILE:HD13	1:119:A:LEU:HG	2	0.13
(18,806)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	2	0.13
(18,806)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	2	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,806)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	2	0.13
(18,806)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	2	0.13
(18,806)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	2	0.13
(18,806)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	2	0.13
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	19	0.13
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	19	0.13
(18,793)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	19	0.13
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	19	0.13
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	19	0.13
(18,793)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	19	0.13
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	19	0.13
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	19	0.13
(18,793)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	19	0.13
(18,789)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	6	0.13
(18,789)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	6	0.13
(18,789)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	6	0.13
(18,789)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	6	0.13
(18,789)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	6	0.13
(18,789)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	6	0.13
(18,767)	1:147:A:ARG:HA	1:147:A:ARG:HE	4	0.13
(18,686)	1:120:A:CYS:H	1:121:A:VAL:HG11	9	0.13
(18,686)	1:120:A:CYS:H	1:121:A:VAL:HG12	9	0.13
(18,686)	1:120:A:CYS:H	1:121:A:VAL:HG13	9	0.13
(18,684)	1:116:A:GLN:HG3	1:117:A:VAL:H	1	0.13
(18,683)	1:101:A:ILE:HD11	1:116:A:GLN:H	1	0.13
(18,683)	1:101:A:ILE:HD12	1:116:A:GLN:H	1	0.13
(18,683)	1:101:A:ILE:HD13	1:116:A:GLN:H	1	0.13
(18,669)	1:101:A:ILE:H	1:104:A:PHE:HB3	9	0.13
(18,663)	1:70:A:LYS:H	1:71:A:LYS:HB3	4	0.13
(18,663)	1:70:A:LYS:H	1:71:A:LYS:HB3	18	0.13
(18,634)	1:96:A:VAL:H	1:97:A:ASP:H	8	0.13
(18,634)	1:96:A:VAL:H	1:97:A:ASP:H	19	0.13
(18,632)	1:118:A:ASP:H	1:120:A:CYS:H	6	0.13
(18,625)	1:47:A:ALA:HB1	1:51:A:GLY:H	2	0.13
(18,625)	1:47:A:ALA:HB2	1:51:A:GLY:H	2	0.13
(18,625)	1:47:A:ALA:HB3	1:51:A:GLY:H	2	0.13
(18,602)	1:75:A:GLY:H	1:77:A:CYS:HB3	10	0.13
(18,534)	1:67:A:PRO:HA	1:71:A:LYS:H	15	0.13
(18,528)	1:105:A:LYS:H	1:106:A:ASP:HB3	8	0.13
(18,513)	1:105:A:LYS:H	1:105:A:LYS:HG3	10	0.13
(18,513)	1:105:A:LYS:H	1:105:A:LYS:HG2	10	0.13
(18,279)	1:112:A:GLN:H	1:112:A:GLN:HE21	11	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD11	18	0.13
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD12	18	0.13
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD13	18	0.13
(18,211)	1:101:A:ILE:H	1:104:A:PHE:HB2	8	0.13
(18,166)	1:95:A:ILE:H	1:95:A:ILE:HB	3	0.13
(18,107)	1:69:A:MET:H	1:69:A:MET:HE1	5	0.13
(18,107)	1:69:A:MET:H	1:69:A:MET:HE2	5	0.13
(18,107)	1:69:A:MET:H	1:69:A:MET:HE3	5	0.13
(18,65)	1:117:A:VAL:H	1:118:A:ASP:HB2	9	0.13
(18,54)	1:98:A:ILE:H	1:101:A:ILE:HB	19	0.13
(18,46)	1:98:A:ILE:H	1:99:A:PRO:HD3	3	0.13
(18,46)	1:98:A:ILE:H	1:99:A:PRO:HD3	9	0.13
(18,1)	1:143:A:TRP:HA	1:143:A:TRP:HE1	12	0.13
(18,1)	1:143:A:TRP:HA	1:143:A:TRP:HE1	17	0.13
(17,2467)	1:143:A:TRP:H	1:144:A:LEU:HD11	5	0.13
(17,2467)	1:143:A:TRP:H	1:144:A:LEU:HD12	5	0.13
(17,2467)	1:143:A:TRP:H	1:144:A:LEU:HD13	5	0.13
(17,2467)	1:143:A:TRP:H	1:144:A:LEU:HD21	5	0.13
(17,2467)	1:143:A:TRP:H	1:144:A:LEU:HD22	5	0.13
(17,2467)	1:143:A:TRP:H	1:144:A:LEU:HD23	5	0.13
(17,2443)	1:139:A:LEU:HB2	1:140:A:LEU:HD11	17	0.13
(17,2443)	1:139:A:LEU:HB2	1:140:A:LEU:HD12	17	0.13
(17,2443)	1:139:A:LEU:HB2	1:140:A:LEU:HD13	17	0.13
(17,2443)	1:139:A:LEU:HB2	1:140:A:LEU:HD21	17	0.13
(17,2443)	1:139:A:LEU:HB2	1:140:A:LEU:HD22	17	0.13
(17,2443)	1:139:A:LEU:HB2	1:140:A:LEU:HD23	17	0.13
(17,2443)	1:139:A:LEU:HB3	1:140:A:LEU:HD11	17	0.13
(17,2443)	1:139:A:LEU:HB3	1:140:A:LEU:HD12	17	0.13
(17,2443)	1:139:A:LEU:HB3	1:140:A:LEU:HD13	17	0.13
(17,2443)	1:139:A:LEU:HB3	1:140:A:LEU:HD21	17	0.13
(17,2443)	1:139:A:LEU:HB3	1:140:A:LEU:HD22	17	0.13
(17,2443)	1:139:A:LEU:HB3	1:140:A:LEU:HD23	17	0.13
(17,2335)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	5	0.13
(17,2335)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	5	0.13
(17,2335)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	5	0.13
(17,2335)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	5	0.13
(17,2335)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	5	0.13
(17,2335)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	5	0.13
(17,2335)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	5	0.13
(17,2335)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	5	0.13
(17,2335)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	5	0.13
(17,2335)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	5	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2335)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	5	0.13
(17,2335)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	5	0.13
(17,2294)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	1	0.13
(17,2294)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	1	0.13
(17,2294)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	1	0.13
(17,2294)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	1	0.13
(17,2294)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	1	0.13
(17,2294)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	1	0.13
(17,2294)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	1	0.13
(17,2294)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	1	0.13
(17,2294)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	1	0.13
(17,2294)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	1	0.13
(17,2294)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	1	0.13
(17,2294)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	1	0.13
(17,2294)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	1	0.13
(17,2294)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	1	0.13
(17,2294)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	1	0.13
(17,2294)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	1	0.13
(17,2294)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	1	0.13
(17,2294)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	1	0.13
(17,2264)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	19	0.13
(17,2264)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	19	0.13
(17,2251)	1:69:A:MET:HG2	1:109:A:PRO:HA	19	0.13
(17,2251)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.13
(17,2189)	1:48:A:ARG:H	1:57:A:LEU:HD11	10	0.13
(17,2189)	1:48:A:ARG:H	1:57:A:LEU:HD12	10	0.13
(17,2189)	1:48:A:ARG:H	1:57:A:LEU:HD13	10	0.13
(17,2189)	1:48:A:ARG:H	1:57:A:LEU:HD21	10	0.13
(17,2189)	1:48:A:ARG:H	1:57:A:LEU:HD22	10	0.13
(17,2189)	1:48:A:ARG:H	1:57:A:LEU:HD23	10	0.13
(17,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	2	0.13
(17,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	2	0.13
(17,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	2	0.13
(17,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD21	2	0.13
(17,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD22	2	0.13
(17,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD23	2	0.13
(17,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	2	0.13
(17,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	2	0.13
(17,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	2	0.13
(17,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD21	2	0.13
(17,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD22	2	0.13
(17,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD23	2	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	2	0.13
(17,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	2	0.13
(17,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	2	0.13
(17,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD21	2	0.13
(17,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD22	2	0.13
(17,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD23	2	0.13
(17,2116)	1:39:A:VAL:HA	1:43:A:MET:HG2	9	0.13
(17,2116)	1:39:A:VAL:HA	1:43:A:MET:HG3	9	0.13
(17,2079)	1:35:A:LEU:H	1:35:A:LEU:HD11	3	0.13
(17,2079)	1:35:A:LEU:H	1:35:A:LEU:HD12	3	0.13
(17,2079)	1:35:A:LEU:H	1:35:A:LEU:HD13	3	0.13
(17,2079)	1:35:A:LEU:H	1:35:A:LEU:HD21	3	0.13
(17,2079)	1:35:A:LEU:H	1:35:A:LEU:HD22	3	0.13
(17,2079)	1:35:A:LEU:H	1:35:A:LEU:HD23	3	0.13
(17,2002)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	11	0.13
(17,2002)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	11	0.13
(17,2002)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	11	0.13
(17,2002)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	11	0.13
(17,2002)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	11	0.13
(17,2002)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	11	0.13
(17,2002)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	11	0.13
(17,2002)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	11	0.13
(17,2002)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	11	0.13
(17,2002)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	11	0.13
(17,2002)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	11	0.13
(17,2002)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	11	0.13
(17,1918)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	8	0.13
(17,1918)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	8	0.13
(17,1918)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	8	0.13
(17,1918)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	8	0.13
(17,1915)	1:18:A:PHE:HE1	1:113:A:PHE:HD1	3	0.13
(17,1915)	1:18:A:PHE:HE1	1:113:A:PHE:HD2	3	0.13
(17,1915)	1:18:A:PHE:HE2	1:113:A:PHE:HD1	3	0.13
(17,1915)	1:18:A:PHE:HE2	1:113:A:PHE:HD2	3	0.13
(17,1913)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	9	0.13
(17,1913)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	9	0.13
(17,1913)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	9	0.13
(17,1913)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	9	0.13
(17,1913)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	9	0.13
(17,1913)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	9	0.13
(17,1869)	1:9:A:PHE:HD1	1:58:A:ILE:H	10	0.13
(17,1869)	1:9:A:PHE:HD2	1:58:A:ILE:H	10	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1858)	1:59:A:CYS:HA	1:62:A:HIS:HD2	12	0.13
(17,1855)	1:61:A:SER:H	1:62:A:HIS:HD2	11	0.13
(17,1851)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	1	0.13
(17,1851)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	1	0.13
(17,1843)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	19	0.13
(17,1843)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	19	0.13
(17,1816)	1:104:A:PHE:HE1	1:116:A:GLN:HE22	19	0.13
(17,1816)	1:104:A:PHE:HE2	1:116:A:GLN:HE22	19	0.13
(17,1805)	1:15:A:ALA:HA	1:18:A:PHE:HD1	1	0.13
(17,1805)	1:15:A:ALA:HA	1:18:A:PHE:HD2	1	0.13
(17,1780)	1:66:A:THR:HG21	1:97:A:ASP:HA	12	0.13
(17,1780)	1:66:A:THR:HG22	1:97:A:ASP:HA	12	0.13
(17,1780)	1:66:A:THR:HG23	1:97:A:ASP:HA	12	0.13
(17,1780)	1:66:A:THR:HG21	1:97:A:ASP:HA	16	0.13
(17,1780)	1:66:A:THR:HG22	1:97:A:ASP:HA	16	0.13
(17,1780)	1:66:A:THR:HG23	1:97:A:ASP:HA	16	0.13
(17,1779)	1:57:A:LEU:HG	1:60:A:LEU:HG	3	0.13
(17,1779)	1:57:A:LEU:HG	1:60:A:LEU:HG	9	0.13
(17,1749)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.13
(17,1749)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.13
(17,1749)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.13
(17,1748)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	15	0.13
(17,1748)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	15	0.13
(17,1748)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	15	0.13
(17,1720)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	11	0.13
(17,1719)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	7	0.13
(17,1719)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	7	0.13
(17,1686)	1:107:A:LEU:H	1:111:A:GLU:HB2	14	0.13
(17,1686)	1:107:A:LEU:H	1:111:A:GLU:HB3	14	0.13
(17,1675)	1:69:A:MET:HE1	1:116:A:GLN:HE21	13	0.13
(17,1675)	1:69:A:MET:HE2	1:116:A:GLN:HE21	13	0.13
(17,1675)	1:69:A:MET:HE3	1:116:A:GLN:HE21	13	0.13
(17,1644)	1:79:A:THR:H	1:80:A:TYR:HA	3	0.13
(17,1643)	1:13:A:ALA:HA	1:80:A:TYR:HB3	14	0.13
(17,1621)	1:72:A:PHE:H	1:73:A:ILE:HG21	8	0.13
(17,1621)	1:72:A:PHE:H	1:73:A:ILE:HG22	8	0.13
(17,1621)	1:72:A:PHE:H	1:73:A:ILE:HG23	8	0.13
(17,1602)	1:98:A:ILE:HG21	1:116:A:GLN:H	15	0.13
(17,1602)	1:98:A:ILE:HG22	1:116:A:GLN:H	15	0.13
(17,1602)	1:98:A:ILE:HG23	1:116:A:GLN:H	15	0.13
(17,1557)	1:76:A:ARG:HE	1:110:A:MET:HE1	18	0.13
(17,1557)	1:76:A:ARG:HE	1:110:A:MET:HE2	18	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1557)	1:76:A:ARG:HE	1:110:A:MET:HE3	18	0.13
(17,1555)	1:69:A:MET:HE1	1:73:A:ILE:HD11	8	0.13
(17,1555)	1:69:A:MET:HE1	1:73:A:ILE:HD12	8	0.13
(17,1555)	1:69:A:MET:HE1	1:73:A:ILE:HD13	8	0.13
(17,1555)	1:69:A:MET:HE2	1:73:A:ILE:HD11	8	0.13
(17,1555)	1:69:A:MET:HE2	1:73:A:ILE:HD12	8	0.13
(17,1555)	1:69:A:MET:HE2	1:73:A:ILE:HD13	8	0.13
(17,1555)	1:69:A:MET:HE3	1:73:A:ILE:HD11	8	0.13
(17,1555)	1:69:A:MET:HE3	1:73:A:ILE:HD12	8	0.13
(17,1555)	1:69:A:MET:HE3	1:73:A:ILE:HD13	8	0.13
(17,1539)	1:65:A:CYS:H	1:69:A:MET:HE1	18	0.13
(17,1539)	1:65:A:CYS:H	1:69:A:MET:HE2	18	0.13
(17,1539)	1:65:A:CYS:H	1:69:A:MET:HE3	18	0.13
(17,1502)	1:101:A:ILE:HG21	1:116:A:GLN:H	10	0.13
(17,1502)	1:101:A:ILE:HG22	1:116:A:GLN:H	10	0.13
(17,1502)	1:101:A:ILE:HG23	1:116:A:GLN:H	10	0.13
(17,1498)	1:101:A:ILE:HG21	1:115:A:ALA:H	6	0.13
(17,1498)	1:101:A:ILE:HG22	1:115:A:ALA:H	6	0.13
(17,1498)	1:101:A:ILE:HG23	1:115:A:ALA:H	6	0.13
(17,1498)	1:101:A:ILE:HG21	1:115:A:ALA:H	7	0.13
(17,1498)	1:101:A:ILE:HG22	1:115:A:ALA:H	7	0.13
(17,1498)	1:101:A:ILE:HG23	1:115:A:ALA:H	7	0.13
(17,1485)	1:45:A:ALA:HB1	1:47:A:ALA:H	8	0.13
(17,1485)	1:45:A:ALA:HB2	1:47:A:ALA:H	8	0.13
(17,1485)	1:45:A:ALA:HB3	1:47:A:ALA:H	8	0.13
(17,1434)	1:73:A:ILE:HG21	1:110:A:MET:H	15	0.13
(17,1434)	1:73:A:ILE:HG22	1:110:A:MET:H	15	0.13
(17,1434)	1:73:A:ILE:HG23	1:110:A:MET:H	15	0.13
(17,1415)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	7	0.13
(17,1415)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	7	0.13
(17,1415)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	7	0.13
(17,1415)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	7	0.13
(17,1415)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	7	0.13
(17,1415)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	7	0.13
(17,1353)	1:105:A:LYS:HD2	1:106:A:ASP:HA	3	0.13
(17,1353)	1:105:A:LYS:HD3	1:106:A:ASP:HA	3	0.13
(17,1299)	1:128:A:LEU:HD21	1:129:A:LYS:H	14	0.13
(17,1299)	1:128:A:LEU:HD22	1:129:A:LYS:H	14	0.13
(17,1299)	1:128:A:LEU:HD23	1:129:A:LYS:H	14	0.13
(17,1257)	1:37:A:LEU:H	1:37:A:LEU:HD11	14	0.13
(17,1257)	1:37:A:LEU:H	1:37:A:LEU:HD12	14	0.13
(17,1257)	1:37:A:LEU:H	1:37:A:LEU:HD13	14	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1154)	1:80:A:TYR:HA	1:80:A:TYR:HE1	1	0.13
(17,1154)	1:80:A:TYR:HA	1:80:A:TYR:HE2	1	0.13
(17,1154)	1:80:A:TYR:HA	1:80:A:TYR:HE1	6	0.13
(17,1154)	1:80:A:TYR:HA	1:80:A:TYR:HE2	6	0.13
(17,1084)	1:103:A:ARG:HB2	1:104:A:PHE:HA	5	0.13
(17,1084)	1:103:A:ARG:HB3	1:104:A:PHE:HA	5	0.13
(17,1044)	1:63:A:ILE:HG13	1:116:A:GLN:HB2	3	0.13
(17,1044)	1:63:A:ILE:HG13	1:116:A:GLN:HB3	3	0.13
(17,1039)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	11	0.13
(17,1031)	1:11:A:ILE:HG13	1:44:A:GLU:HB2	17	0.13
(17,1031)	1:11:A:ILE:HG13	1:44:A:GLU:HB3	17	0.13
(17,1022)	1:149:A:ALA:HB1	1:150:A:THR:HA	10	0.13
(17,1022)	1:149:A:ALA:HB2	1:150:A:THR:HA	10	0.13
(17,1022)	1:149:A:ALA:HB3	1:150:A:THR:HA	10	0.13
(17,977)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	16	0.13
(17,977)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	16	0.13
(17,977)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	16	0.13
(17,961)	1:96:A:VAL:HB	1:97:A:ASP:H	4	0.13
(17,961)	1:96:A:VAL:HB	1:97:A:ASP:H	9	0.13
(17,945)	1:69:A:MET:HG2	1:109:A:PRO:HA	17	0.13
(17,899)	1:95:A:ILE:H	1:95:A:ILE:HB	15	0.13
(17,895)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	17	0.13
(17,895)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	17	0.13
(17,895)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	17	0.13
(17,821)	1:64:A:LYS:H	1:98:A:ILE:HD11	19	0.13
(17,821)	1:64:A:LYS:H	1:98:A:ILE:HD12	19	0.13
(17,821)	1:64:A:LYS:H	1:98:A:ILE:HD13	19	0.13
(17,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	2	0.13
(17,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	2	0.13
(17,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	2	0.13
(17,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	2	0.13
(17,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	2	0.13
(17,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	2	0.13
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	19	0.13
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	19	0.13
(17,789)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	19	0.13
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	19	0.13
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	19	0.13
(17,789)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	19	0.13
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	19	0.13
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	19	0.13
(17,789)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	19	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,786)	1:101:A:ILE:HD11	1:116:A:GLN:HA	8	0.13
(17,786)	1:101:A:ILE:HD12	1:116:A:GLN:HA	8	0.13
(17,786)	1:101:A:ILE:HD13	1:116:A:GLN:HA	8	0.13
(17,775)	1:73:A:ILE:HD11	1:113:A:PHE:H	14	0.13
(17,775)	1:73:A:ILE:HD12	1:113:A:PHE:H	14	0.13
(17,775)	1:73:A:ILE:HD13	1:113:A:PHE:H	14	0.13
(17,765)	1:53:A:THR:H	1:124:A:THR:HG21	11	0.13
(17,765)	1:53:A:THR:H	1:124:A:THR:HG22	11	0.13
(17,765)	1:53:A:THR:H	1:124:A:THR:HG23	11	0.13
(17,670)	1:101:A:ILE:HD11	1:116:A:GLN:H	1	0.13
(17,670)	1:101:A:ILE:HD12	1:116:A:GLN:H	1	0.13
(17,670)	1:101:A:ILE:HD13	1:116:A:GLN:H	1	0.13
(17,578)	1:128:A:LEU:HD21	1:130:A:GLY:H	2	0.13
(17,578)	1:128:A:LEU:HD22	1:130:A:GLY:H	2	0.13
(17,578)	1:128:A:LEU:HD23	1:130:A:GLY:H	2	0.13
(17,577)	1:126:A:GLY:H	1:128:A:LEU:HG	8	0.13
(17,514)	1:67:A:PRO:HA	1:71:A:LYS:H	15	0.13
(17,506)	1:105:A:LYS:H	1:106:A:ASP:HB3	8	0.13
(17,469)	1:103:A:ARG:H	1:103:A:ARG:HG2	11	0.13
(17,469)	1:103:A:ARG:H	1:103:A:ARG:HG3	11	0.13
(17,405)	1:125:A:THR:H	1:128:A:LEU:HG	7	0.13
(17,384)	1:119:A:LEU:H	1:120:A:CYS:HB2	12	0.13
(17,321)	1:46:A:ASN:H	1:49:A:LYS:HB2	4	0.13
(17,321)	1:46:A:ASN:H	1:49:A:LYS:HB3	4	0.13
(17,233)	1:50:A:ALA:H	1:52:A:CYS:H	1	0.13
(17,203)	1:101:A:ILE:H	1:101:A:ILE:HB	3	0.13
(17,118)	1:79:A:THR:H	1:80:A:TYR:H	16	0.13
(17,108)	1:69:A:MET:H	1:73:A:ILE:HD11	3	0.13
(17,108)	1:69:A:MET:H	1:73:A:ILE:HD12	3	0.13
(17,108)	1:69:A:MET:H	1:73:A:ILE:HD13	3	0.13
(17,108)	1:69:A:MET:H	1:73:A:ILE:HD11	17	0.13
(17,108)	1:69:A:MET:H	1:73:A:ILE:HD12	17	0.13
(17,108)	1:69:A:MET:H	1:73:A:ILE:HD13	17	0.13
(17,80)	1:43:A:MET:HB2	1:45:A:ALA:H	9	0.13
(17,59)	1:117:A:VAL:H	1:118:A:ASP:HB2	9	0.13
(17,8)	1:63:A:ILE:HG13	1:64:A:LYS:H	5	0.13
(17,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	3	0.13
(17,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	3	0.13
(17,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	6	0.13
(17,1)	1:143:A:TRP:HA	1:143:A:TRP:HE1	12	0.13
(17,1)	1:143:A:TRP:HA	1:143:A:TRP:HE1	17	0.13
(16,2473)	1:143:A:TRP:H	1:144:A:LEU:HD11	5	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2473)	1:143:A:TRP:H	1:144:A:LEU:HD12	5	0.13
(16,2473)	1:143:A:TRP:H	1:144:A:LEU:HD13	5	0.13
(16,2473)	1:143:A:TRP:H	1:144:A:LEU:HD21	5	0.13
(16,2473)	1:143:A:TRP:H	1:144:A:LEU:HD22	5	0.13
(16,2473)	1:143:A:TRP:H	1:144:A:LEU:HD23	5	0.13
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD11	15	0.13
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD12	15	0.13
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD13	15	0.13
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD21	15	0.13
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD22	15	0.13
(16,2433)	1:136:A:CYS:HA	1:140:A:LEU:HD23	15	0.13
(16,2341)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	17	0.13
(16,2341)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	17	0.13
(16,2341)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	17	0.13
(16,2341)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	17	0.13
(16,2331)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	16	0.13
(16,2331)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	16	0.13
(16,2331)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	16	0.13
(16,2331)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	16	0.13
(16,2331)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	16	0.13
(16,2331)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	16	0.13
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD11	6	0.13
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD12	6	0.13
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD13	6	0.13
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD21	6	0.13
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD22	6	0.13
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD23	6	0.13
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD11	7	0.13
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD12	7	0.13
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD13	7	0.13
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD21	7	0.13
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD22	7	0.13
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD23	7	0.13
(16,2254)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	19	0.13
(16,2254)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	19	0.13
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD11	5	0.13
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD12	5	0.13
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD13	5	0.13
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD21	5	0.13
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD22	5	0.13
(16,2106)	1:38:A:GLU:H	1:40:A:LEU:HD23	5	0.13
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD11	12	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD12	12	0.13
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD13	12	0.13
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD21	12	0.13
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD22	12	0.13
(16,2104)	1:37:A:LEU:HA	1:40:A:LEU:HD23	12	0.13
(16,2068)	1:32:A:GLY:HA2	1:33:A:LYS:H	1	0.13
(16,2068)	1:32:A:GLY:HA3	1:33:A:LYS:H	1	0.13
(16,2068)	1:32:A:GLY:HA2	1:33:A:LYS:H	2	0.13
(16,2068)	1:32:A:GLY:HA3	1:33:A:LYS:H	2	0.13
(16,2068)	1:32:A:GLY:HA2	1:33:A:LYS:H	5	0.13
(16,2068)	1:32:A:GLY:HA3	1:33:A:LYS:H	5	0.13
(16,2068)	1:32:A:GLY:HA2	1:33:A:LYS:H	7	0.13
(16,2068)	1:32:A:GLY:HA3	1:33:A:LYS:H	7	0.13
(16,2068)	1:32:A:GLY:HA2	1:33:A:LYS:H	10	0.13
(16,2068)	1:32:A:GLY:HA3	1:33:A:LYS:H	10	0.13
(16,2068)	1:32:A:GLY:HA2	1:33:A:LYS:H	11	0.13
(16,2068)	1:32:A:GLY:HA3	1:33:A:LYS:H	11	0.13
(16,2068)	1:32:A:GLY:HA2	1:33:A:LYS:H	13	0.13
(16,2068)	1:32:A:GLY:HA3	1:33:A:LYS:H	13	0.13
(16,2068)	1:32:A:GLY:HA2	1:33:A:LYS:H	16	0.13
(16,2068)	1:32:A:GLY:HA3	1:33:A:LYS:H	16	0.13
(16,2037)	1:23:A:LEU:HD11	1:25:A:ALA:H	2	0.13
(16,2037)	1:23:A:LEU:HD12	1:25:A:ALA:H	2	0.13
(16,2037)	1:23:A:LEU:HD13	1:25:A:ALA:H	2	0.13
(16,2037)	1:23:A:LEU:HD21	1:25:A:ALA:H	2	0.13
(16,2037)	1:23:A:LEU:HD22	1:25:A:ALA:H	2	0.13
(16,2037)	1:23:A:LEU:HD23	1:25:A:ALA:H	2	0.13
(16,1948)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	19	0.13
(16,1948)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	19	0.13
(16,1932)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	7	0.13
(16,1932)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	7	0.13
(16,1932)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	7	0.13
(16,1932)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	7	0.13
(16,1918)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	18	0.13
(16,1918)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	18	0.13
(16,1918)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	18	0.13
(16,1918)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	18	0.13
(16,1887)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	8	0.13
(16,1887)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	8	0.13
(16,1887)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	8	0.13
(16,1887)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	8	0.13
(16,1858)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	15	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1858)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	15	0.13
(16,1858)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	15	0.13
(16,1858)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	15	0.13
(16,1858)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	15	0.13
(16,1858)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	15	0.13
(16,1837)	1:34:A:LYS:HG2	1:80:A:TYR:HE1	16	0.13
(16,1837)	1:34:A:LYS:HG2	1:80:A:TYR:HE2	16	0.13
(16,1837)	1:34:A:LYS:HG3	1:80:A:TYR:HE1	16	0.13
(16,1837)	1:34:A:LYS:HG3	1:80:A:TYR:HE2	16	0.13
(16,1800)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	1	0.13
(16,1800)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	1	0.13
(16,1800)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	1	0.13
(16,1800)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	1	0.13
(16,1800)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	1	0.13
(16,1800)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	1	0.13
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	16	0.13
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	16	0.13
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	16	0.13
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	16	0.13
(16,1792)	1:104:A:PHE:HE1	1:116:A:GLN:HE22	19	0.13
(16,1792)	1:104:A:PHE:HE2	1:116:A:GLN:HE22	19	0.13
(16,1780)	1:15:A:ALA:HA	1:18:A:PHE:HD1	1	0.13
(16,1780)	1:15:A:ALA:HA	1:18:A:PHE:HD2	1	0.13
(16,1763)	1:95:A:ILE:HB	1:97:A:ASP:HB2	14	0.13
(16,1763)	1:95:A:ILE:HB	1:97:A:ASP:HB3	14	0.13
(16,1762)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	17	0.13
(16,1762)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	17	0.13
(16,1762)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	17	0.13
(16,1752)	1:43:A:MET:H	1:140:A:LEU:HD21	4	0.13
(16,1752)	1:43:A:MET:H	1:140:A:LEU:HD22	4	0.13
(16,1752)	1:43:A:MET:H	1:140:A:LEU:HD23	4	0.13
(16,1728)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.13
(16,1728)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.13
(16,1728)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.13
(16,1696)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	7	0.13
(16,1696)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	7	0.13
(16,1689)	1:14:A:VAL:H	1:43:A:MET:HE1	9	0.13
(16,1689)	1:14:A:VAL:H	1:43:A:MET:HE2	9	0.13
(16,1689)	1:14:A:VAL:H	1:43:A:MET:HE3	9	0.13
(16,1689)	1:14:A:VAL:H	1:43:A:MET:HE1	14	0.13
(16,1689)	1:14:A:VAL:H	1:43:A:MET:HE2	14	0.13
(16,1689)	1:14:A:VAL:H	1:43:A:MET:HE3	14	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1689)	1:14:A:VAL:H	1:43:A:MET:HE1	15	0.13
(16,1689)	1:14:A:VAL:H	1:43:A:MET:HE2	15	0.13
(16,1689)	1:14:A:VAL:H	1:43:A:MET:HE3	15	0.13
(16,1689)	1:14:A:VAL:H	1:43:A:MET:HE1	18	0.13
(16,1689)	1:14:A:VAL:H	1:43:A:MET:HE2	18	0.13
(16,1689)	1:14:A:VAL:H	1:43:A:MET:HE3	18	0.13
(16,1619)	1:34:A:LYS:H	1:80:A:TYR:HA	10	0.13
(16,1618)	1:79:A:THR:H	1:80:A:TYR:HA	3	0.13
(16,1591)	1:120:A:CYS:H	1:121:A:VAL:HG21	18	0.13
(16,1591)	1:120:A:CYS:H	1:121:A:VAL:HG22	18	0.13
(16,1591)	1:120:A:CYS:H	1:121:A:VAL:HG23	18	0.13
(16,1589)	1:121:A:VAL:HG11	1:123:A:CYS:H	6	0.13
(16,1589)	1:121:A:VAL:HG12	1:123:A:CYS:H	6	0.13
(16,1589)	1:121:A:VAL:HG13	1:123:A:CYS:H	6	0.13
(16,1587)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	16	0.13
(16,1587)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	16	0.13
(16,1587)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	16	0.13
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	9	0.13
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	9	0.13
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	9	0.13
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	9	0.13
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	9	0.13
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	9	0.13
(16,1572)	1:98:A:ILE:HG21	1:116:A:GLN:H	15	0.13
(16,1572)	1:98:A:ILE:HG22	1:116:A:GLN:H	15	0.13
(16,1572)	1:98:A:ILE:HG23	1:116:A:GLN:H	15	0.13
(16,1534)	1:69:A:MET:HE1	1:73:A:ILE:HD11	8	0.13
(16,1534)	1:69:A:MET:HE1	1:73:A:ILE:HD12	8	0.13
(16,1534)	1:69:A:MET:HE1	1:73:A:ILE:HD13	8	0.13
(16,1534)	1:69:A:MET:HE2	1:73:A:ILE:HD11	8	0.13
(16,1534)	1:69:A:MET:HE2	1:73:A:ILE:HD12	8	0.13
(16,1534)	1:69:A:MET:HE2	1:73:A:ILE:HD13	8	0.13
(16,1534)	1:69:A:MET:HE3	1:73:A:ILE:HD11	8	0.13
(16,1534)	1:69:A:MET:HE3	1:73:A:ILE:HD12	8	0.13
(16,1534)	1:69:A:MET:HE3	1:73:A:ILE:HD13	8	0.13
(16,1516)	1:65:A:CYS:H	1:69:A:MET:HE1	18	0.13
(16,1516)	1:65:A:CYS:H	1:69:A:MET:HE2	18	0.13
(16,1516)	1:65:A:CYS:H	1:69:A:MET:HE3	18	0.13
(16,1481)	1:101:A:ILE:HG21	1:115:A:ALA:HA	19	0.13
(16,1481)	1:101:A:ILE:HG22	1:115:A:ALA:HA	19	0.13
(16,1481)	1:101:A:ILE:HG23	1:115:A:ALA:HA	19	0.13
(16,1479)	1:101:A:ILE:HG21	1:116:A:GLN:H	10	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1479)	1:101:A:ILE:HG22	1:116:A:GLN:H	10	0.13
(16,1479)	1:101:A:ILE:HG23	1:116:A:GLN:H	10	0.13
(16,1474)	1:101:A:ILE:HG21	1:115:A:ALA:H	6	0.13
(16,1474)	1:101:A:ILE:HG22	1:115:A:ALA:H	6	0.13
(16,1474)	1:101:A:ILE:HG23	1:115:A:ALA:H	6	0.13
(16,1474)	1:101:A:ILE:HG21	1:115:A:ALA:H	7	0.13
(16,1474)	1:101:A:ILE:HG22	1:115:A:ALA:H	7	0.13
(16,1474)	1:101:A:ILE:HG23	1:115:A:ALA:H	7	0.13
(16,1466)	1:45:A:ALA:HB1	1:47:A:ALA:H	2	0.13
(16,1466)	1:45:A:ALA:HB2	1:47:A:ALA:H	2	0.13
(16,1466)	1:45:A:ALA:HB3	1:47:A:ALA:H	2	0.13
(16,1428)	1:121:A:VAL:HG21	1:122:A:ASP:H	15	0.13
(16,1428)	1:121:A:VAL:HG22	1:122:A:ASP:H	15	0.13
(16,1428)	1:121:A:VAL:HG23	1:122:A:ASP:H	15	0.13
(16,1415)	1:73:A:ILE:HG21	1:110:A:MET:H	15	0.13
(16,1415)	1:73:A:ILE:HG22	1:110:A:MET:H	15	0.13
(16,1415)	1:73:A:ILE:HG23	1:110:A:MET:H	15	0.13
(16,1410)	1:100:A:ALA:HB1	1:119:A:LEU:HD11	6	0.13
(16,1410)	1:100:A:ALA:HB1	1:119:A:LEU:HD12	6	0.13
(16,1410)	1:100:A:ALA:HB1	1:119:A:LEU:HD13	6	0.13
(16,1410)	1:100:A:ALA:HB2	1:119:A:LEU:HD11	6	0.13
(16,1410)	1:100:A:ALA:HB2	1:119:A:LEU:HD12	6	0.13
(16,1410)	1:100:A:ALA:HB2	1:119:A:LEU:HD13	6	0.13
(16,1410)	1:100:A:ALA:HB3	1:119:A:LEU:HD11	6	0.13
(16,1410)	1:100:A:ALA:HB3	1:119:A:LEU:HD12	6	0.13
(16,1410)	1:100:A:ALA:HB3	1:119:A:LEU:HD13	6	0.13
(16,1401)	1:11:A:ILE:HG21	1:43:A:MET:HG3	15	0.13
(16,1401)	1:11:A:ILE:HG22	1:43:A:MET:HG3	15	0.13
(16,1401)	1:11:A:ILE:HG23	1:43:A:MET:HG3	15	0.13
(16,1359)	1:39:A:VAL:HG11	1:143:A:TRP:H	13	0.13
(16,1359)	1:39:A:VAL:HG12	1:143:A:TRP:H	13	0.13
(16,1359)	1:39:A:VAL:HG13	1:143:A:TRP:H	13	0.13
(16,1354)	1:73:A:ILE:HB	1:76:A:ARG:HA	3	0.13
(16,1345)	1:105:A:LYS:HD2	1:106:A:ASP:HA	3	0.13
(16,1345)	1:105:A:LYS:HD3	1:106:A:ASP:HA	3	0.13
(16,1341)	1:131:A:LEU:H	1:131:A:LEU:HD21	2	0.13
(16,1341)	1:131:A:LEU:H	1:131:A:LEU:HD22	2	0.13
(16,1341)	1:131:A:LEU:H	1:131:A:LEU:HD23	2	0.13
(16,1270)	1:113:A:PHE:HE1	1:117:A:VAL:HG11	4	0.13
(16,1270)	1:113:A:PHE:HE1	1:117:A:VAL:HG12	4	0.13
(16,1270)	1:113:A:PHE:HE1	1:117:A:VAL:HG13	4	0.13
(16,1270)	1:113:A:PHE:HE2	1:117:A:VAL:HG11	4	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1270)	1:113:A:PHE:HE2	1:117:A:VAL:HG12	4	0.13
(16,1270)	1:113:A:PHE:HE2	1:117:A:VAL:HG13	4	0.13
(16,1251)	1:37:A:LEU:H	1:37:A:LEU:HD11	14	0.13
(16,1251)	1:37:A:LEU:H	1:37:A:LEU:HD12	14	0.13
(16,1251)	1:37:A:LEU:H	1:37:A:LEU:HD13	14	0.13
(16,1249)	1:40:A:LEU:H	1:40:A:LEU:HD11	3	0.13
(16,1249)	1:40:A:LEU:H	1:40:A:LEU:HD12	3	0.13
(16,1249)	1:40:A:LEU:H	1:40:A:LEU:HD13	3	0.13
(16,1249)	1:40:A:LEU:H	1:40:A:LEU:HD11	7	0.13
(16,1249)	1:40:A:LEU:H	1:40:A:LEU:HD12	7	0.13
(16,1249)	1:40:A:LEU:H	1:40:A:LEU:HD13	7	0.13
(16,1237)	1:136:A:CYS:HA	1:140:A:LEU:HD11	4	0.13
(16,1237)	1:136:A:CYS:HA	1:140:A:LEU:HD12	4	0.13
(16,1237)	1:136:A:CYS:HA	1:140:A:LEU:HD13	4	0.13
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD11	7	0.13
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD12	7	0.13
(16,1236)	1:43:A:MET:H	1:140:A:LEU:HD13	7	0.13
(16,1235)	1:140:A:LEU:HA	1:144:A:LEU:HD21	16	0.13
(16,1235)	1:140:A:LEU:HA	1:144:A:LEU:HD22	16	0.13
(16,1235)	1:140:A:LEU:HA	1:144:A:LEU:HD23	16	0.13
(16,1096)	1:101:A:ILE:HG21	1:112:A:GLN:HA	3	0.13
(16,1096)	1:101:A:ILE:HG22	1:112:A:GLN:HA	3	0.13
(16,1096)	1:101:A:ILE:HG23	1:112:A:GLN:HA	3	0.13
(16,1054)	1:63:A:ILE:HG13	1:116:A:GLN:HB2	3	0.13
(16,1054)	1:63:A:ILE:HG13	1:116:A:GLN:HB3	3	0.13
(16,966)	1:40:A:LEU:HA	1:43:A:MET:HG2	12	0.13
(16,954)	1:69:A:MET:HG2	1:109:A:PRO:HA	17	0.13
(16,940)	1:81:A:GLU:HA	1:81:A:GLU:HG2	1	0.13
(16,940)	1:81:A:GLU:HA	1:81:A:GLU:HG3	1	0.13
(16,940)	1:81:A:GLU:HA	1:81:A:GLU:HG2	5	0.13
(16,940)	1:81:A:GLU:HA	1:81:A:GLU:HG3	5	0.13
(16,940)	1:81:A:GLU:HA	1:81:A:GLU:HG2	7	0.13
(16,940)	1:81:A:GLU:HA	1:81:A:GLU:HG3	7	0.13
(16,940)	1:81:A:GLU:HA	1:81:A:GLU:HG2	10	0.13
(16,940)	1:81:A:GLU:HA	1:81:A:GLU:HG3	10	0.13
(16,940)	1:81:A:GLU:HA	1:81:A:GLU:HG2	11	0.13
(16,940)	1:81:A:GLU:HA	1:81:A:GLU:HG3	11	0.13
(16,902)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	8	0.13
(16,902)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	8	0.13
(16,902)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	8	0.13
(16,869)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	3	0.13
(16,869)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	3	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,822)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	10	0.13
(16,822)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	10	0.13
(16,822)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	10	0.13
(16,822)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	10	0.13
(16,822)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	10	0.13
(16,822)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	10	0.13
(16,820)	1:64:A:LYS:H	1:98:A:ILE:HD11	19	0.13
(16,820)	1:64:A:LYS:H	1:98:A:ILE:HD12	19	0.13
(16,820)	1:64:A:LYS:H	1:98:A:ILE:HD13	19	0.13
(16,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	2	0.13
(16,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	2	0.13
(16,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	2	0.13
(16,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	2	0.13
(16,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	2	0.13
(16,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	2	0.13
(16,785)	1:101:A:ILE:HD11	1:116:A:GLN:HA	8	0.13
(16,785)	1:101:A:ILE:HD12	1:116:A:GLN:HA	8	0.13
(16,785)	1:101:A:ILE:HD13	1:116:A:GLN:HA	8	0.13
(16,783)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	6	0.13
(16,783)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	6	0.13
(16,783)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	6	0.13
(16,783)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	6	0.13
(16,783)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	6	0.13
(16,783)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	6	0.13
(16,782)	1:101:A:ILE:HD11	1:115:A:ALA:H	7	0.13
(16,782)	1:101:A:ILE:HD12	1:115:A:ALA:H	7	0.13
(16,782)	1:101:A:ILE:HD13	1:115:A:ALA:H	7	0.13
(16,782)	1:101:A:ILE:HD11	1:115:A:ALA:H	18	0.13
(16,782)	1:101:A:ILE:HD12	1:115:A:ALA:H	18	0.13
(16,782)	1:101:A:ILE:HD13	1:115:A:ALA:H	18	0.13
(16,777)	1:73:A:ILE:HD11	1:113:A:PHE:H	14	0.13
(16,777)	1:73:A:ILE:HD12	1:113:A:PHE:H	14	0.13
(16,777)	1:73:A:ILE:HD13	1:113:A:PHE:H	14	0.13
(16,681)	1:120:A:CYS:H	1:121:A:VAL:HG11	9	0.13
(16,681)	1:120:A:CYS:H	1:121:A:VAL:HG12	9	0.13
(16,681)	1:120:A:CYS:H	1:121:A:VAL:HG13	9	0.13
(16,679)	1:101:A:ILE:HD11	1:116:A:GLN:H	1	0.13
(16,679)	1:101:A:ILE:HD12	1:116:A:GLN:H	1	0.13
(16,679)	1:101:A:ILE:HD13	1:116:A:GLN:H	1	0.13
(16,671)	1:108:A:GLU:H	1:112:A:GLN:H	1	0.13
(16,662)	1:101:A:ILE:H	1:104:A:PHE:HB3	9	0.13
(16,626)	1:35:A:LEU:H	1:80:A:TYR:HB2	4	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,618)	1:47:A:ALA:HB1	1:51:A:GLY:H	2	0.13
(16,618)	1:47:A:ALA:HB2	1:51:A:GLY:H	2	0.13
(16,618)	1:47:A:ALA:HB3	1:51:A:GLY:H	2	0.13
(16,596)	1:75:A:GLY:H	1:76:A:ARG:HB2	4	0.13
(16,596)	1:75:A:GLY:H	1:76:A:ARG:HB2	16	0.13
(16,587)	1:126:A:GLY:H	1:128:A:LEU:HG	1	0.13
(16,583)	1:116:A:GLN:HB2	1:116:A:GLN:HE22	13	0.13
(16,583)	1:116:A:GLN:HB3	1:116:A:GLN:HE22	13	0.13
(16,583)	1:116:A:GLN:HB2	1:116:A:GLN:HE22	14	0.13
(16,583)	1:116:A:GLN:HB3	1:116:A:GLN:HE22	14	0.13
(16,583)	1:116:A:GLN:HB2	1:116:A:GLN:HE22	18	0.13
(16,583)	1:116:A:GLN:HB3	1:116:A:GLN:HE22	18	0.13
(16,524)	1:67:A:PRO:HA	1:71:A:LYS:H	15	0.13
(16,515)	1:67:A:PRO:HB2	1:71:A:LYS:H	13	0.13
(16,515)	1:67:A:PRO:HB3	1:71:A:LYS:H	13	0.13
(16,414)	1:125:A:THR:H	1:128:A:LEU:HG	7	0.13
(16,395)	1:119:A:LEU:H	1:120:A:CYS:HB2	12	0.13
(16,380)	1:40:A:LEU:HB2	1:41:A:LYS:H	9	0.13
(16,302)	1:42:A:GLU:HB3	1:43:A:MET:H	13	0.13
(16,241)	1:50:A:ALA:H	1:52:A:CYS:H	1	0.13
(16,222)	1:44:A:GLU:HB2	1:48:A:ARG:H	7	0.13
(16,222)	1:44:A:GLU:HB3	1:48:A:ARG:H	7	0.13
(16,210)	1:101:A:ILE:H	1:101:A:ILE:HB	3	0.13
(16,152)	1:131:A:LEU:H	1:131:A:LEU:HG	5	0.13
(16,129)	1:42:A:GLU:H	1:42:A:GLU:HB3	9	0.13
(16,108)	1:69:A:MET:H	1:73:A:ILE:HD11	3	0.13
(16,108)	1:69:A:MET:H	1:73:A:ILE:HD12	3	0.13
(16,108)	1:69:A:MET:H	1:73:A:ILE:HD13	3	0.13
(16,108)	1:69:A:MET:H	1:73:A:ILE:HD11	17	0.13
(16,108)	1:69:A:MET:H	1:73:A:ILE:HD12	17	0.13
(16,108)	1:69:A:MET:H	1:73:A:ILE:HD13	17	0.13
(16,77)	1:43:A:MET:HB2	1:45:A:ALA:H	9	0.13
(16,57)	1:24:A:ASP:HB2	1:25:A:ALA:H	13	0.13
(16,57)	1:24:A:ASP:HB3	1:25:A:ALA:H	13	0.13
(16,57)	1:24:A:ASP:HB2	1:25:A:ALA:H	16	0.13
(16,57)	1:24:A:ASP:HB3	1:25:A:ALA:H	16	0.13
(16,57)	1:24:A:ASP:HB2	1:25:A:ALA:H	19	0.13
(16,57)	1:24:A:ASP:HB3	1:25:A:ALA:H	19	0.13
(16,40)	1:43:A:MET:HA	1:47:A:ALA:H	9	0.13
(16,35)	1:95:A:ILE:HB	1:96:A:VAL:H	15	0.13
(15,2477)	1:143:A:TRP:H	1:144:A:LEU:HD11	5	0.13
(15,2477)	1:143:A:TRP:H	1:144:A:LEU:HD12	5	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2477)	1:143:A:TRP:H	1:144:A:LEU:HD13	5	0.13
(15,2477)	1:143:A:TRP:H	1:144:A:LEU:HD21	5	0.13
(15,2477)	1:143:A:TRP:H	1:144:A:LEU:HD22	5	0.13
(15,2477)	1:143:A:TRP:H	1:144:A:LEU:HD23	5	0.13
(15,2422)	1:132:A:ALA:HB1	1:133:A:ASN:HB2	7	0.13
(15,2422)	1:132:A:ALA:HB1	1:133:A:ASN:HB3	7	0.13
(15,2422)	1:132:A:ALA:HB2	1:133:A:ASN:HB2	7	0.13
(15,2422)	1:132:A:ALA:HB2	1:133:A:ASN:HB3	7	0.13
(15,2422)	1:132:A:ALA:HB3	1:133:A:ASN:HB2	7	0.13
(15,2422)	1:132:A:ALA:HB3	1:133:A:ASN:HB3	7	0.13
(15,2334)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	17	0.13
(15,2334)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	17	0.13
(15,2334)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	17	0.13
(15,2334)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	17	0.13
(15,2230)	1:69:A:MET:HG2	1:109:A:PRO:HA	19	0.13
(15,2230)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.13
(15,2209)	1:65:A:CYS:HB2	1:70:A:LYS:HA	9	0.13
(15,2209)	1:65:A:CYS:HB3	1:70:A:LYS:HA	9	0.13
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	19	0.13
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	19	0.13
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	19	0.13
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	19	0.13
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	19	0.13
(15,2195)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	19	0.13
(15,2167)	1:57:A:LEU:HA	1:57:A:LEU:HD11	19	0.13
(15,2167)	1:57:A:LEU:HA	1:57:A:LEU:HD12	19	0.13
(15,2167)	1:57:A:LEU:HA	1:57:A:LEU:HD13	19	0.13
(15,2167)	1:57:A:LEU:HA	1:57:A:LEU:HD21	19	0.13
(15,2167)	1:57:A:LEU:HA	1:57:A:LEU:HD22	19	0.13
(15,2167)	1:57:A:LEU:HA	1:57:A:LEU:HD23	19	0.13
(15,2074)	1:39:A:VAL:HA	1:43:A:MET:HG2	9	0.13
(15,2074)	1:39:A:VAL:HA	1:43:A:MET:HG3	9	0.13
(15,2060)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	12	0.13
(15,2060)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	12	0.13
(15,2060)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	12	0.13
(15,2060)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	12	0.13
(15,2060)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	12	0.13
(15,2060)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	12	0.13
(15,2039)	1:35:A:LEU:H	1:35:A:LEU:HD11	3	0.13
(15,2039)	1:35:A:LEU:H	1:35:A:LEU:HD12	3	0.13
(15,2039)	1:35:A:LEU:H	1:35:A:LEU:HD13	3	0.13
(15,2039)	1:35:A:LEU:H	1:35:A:LEU:HD21	3	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2039)	1:35:A:LEU:H	1:35:A:LEU:HD22	3	0.13
(15,2039)	1:35:A:LEU:H	1:35:A:LEU:HD23	3	0.13
(15,2038)	1:34:A:LYS:H	1:81:A:GLU:HB2	12	0.13
(15,2038)	1:34:A:LYS:H	1:81:A:GLU:HB3	12	0.13
(15,2008)	1:22:A:ASP:H	1:23:A:LEU:HD11	6	0.13
(15,2008)	1:22:A:ASP:H	1:23:A:LEU:HD12	6	0.13
(15,2008)	1:22:A:ASP:H	1:23:A:LEU:HD13	6	0.13
(15,2008)	1:22:A:ASP:H	1:23:A:LEU:HD21	6	0.13
(15,2008)	1:22:A:ASP:H	1:23:A:LEU:HD22	6	0.13
(15,2008)	1:22:A:ASP:H	1:23:A:LEU:HD23	6	0.13
(15,1995)	1:18:A:PHE:HD1	1:60:A:LEU:HD11	14	0.13
(15,1995)	1:18:A:PHE:HD1	1:60:A:LEU:HD12	14	0.13
(15,1995)	1:18:A:PHE:HD1	1:60:A:LEU:HD13	14	0.13
(15,1995)	1:18:A:PHE:HD1	1:60:A:LEU:HD21	14	0.13
(15,1995)	1:18:A:PHE:HD1	1:60:A:LEU:HD22	14	0.13
(15,1995)	1:18:A:PHE:HD1	1:60:A:LEU:HD23	14	0.13
(15,1995)	1:18:A:PHE:HD2	1:60:A:LEU:HD11	14	0.13
(15,1995)	1:18:A:PHE:HD2	1:60:A:LEU:HD12	14	0.13
(15,1995)	1:18:A:PHE:HD2	1:60:A:LEU:HD13	14	0.13
(15,1995)	1:18:A:PHE:HD2	1:60:A:LEU:HD21	14	0.13
(15,1995)	1:18:A:PHE:HD2	1:60:A:LEU:HD22	14	0.13
(15,1995)	1:18:A:PHE:HD2	1:60:A:LEU:HD23	14	0.13
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	9	0.13
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	9	0.13
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	9	0.13
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	9	0.13
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	9	0.13
(15,1928)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	9	0.13
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	9	0.13
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	9	0.13
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	9	0.13
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	9	0.13
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	9	0.13
(15,1928)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	9	0.13
(15,1904)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	17	0.13
(15,1904)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	17	0.13
(15,1891)	1:58:A:ILE:HA	1:62:A:HIS:HE1	14	0.13
(15,1864)	1:104:A:PHE:HE1	1:105:A:LYS:H	2	0.13
(15,1864)	1:104:A:PHE:HE2	1:105:A:LYS:H	2	0.13
(15,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	1	0.13
(15,1793)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	1	0.13
(15,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	1	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1793)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	1	0.13
(15,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	1	0.13
(15,1793)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	1	0.13
(15,1751)	1:57:A:LEU:HG	1:60:A:LEU:HG	3	0.13
(15,1751)	1:57:A:LEU:HG	1:60:A:LEU:HG	9	0.13
(15,1726)	1:105:A:LYS:H	1:105:A:LYS:HG3	13	0.13
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG21	15	0.13
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG22	15	0.13
(15,1715)	1:149:A:ALA:HB1	1:150:A:THR:HG23	15	0.13
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG21	15	0.13
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG22	15	0.13
(15,1715)	1:149:A:ALA:HB2	1:150:A:THR:HG23	15	0.13
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG21	15	0.13
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG22	15	0.13
(15,1715)	1:149:A:ALA:HB3	1:150:A:THR:HG23	15	0.13
(15,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG21	5	0.13
(15,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG22	5	0.13
(15,1711)	1:19:A:ALA:HB1	1:20:A:THR:HG23	5	0.13
(15,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG21	5	0.13
(15,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG22	5	0.13
(15,1711)	1:19:A:ALA:HB2	1:20:A:THR:HG23	5	0.13
(15,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG21	5	0.13
(15,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG22	5	0.13
(15,1711)	1:19:A:ALA:HB3	1:20:A:THR:HG23	5	0.13
(15,1696)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	11	0.13
(15,1695)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	7	0.13
(15,1695)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	7	0.13
(15,1664)	1:107:A:LEU:H	1:111:A:GLU:HB2	14	0.13
(15,1664)	1:107:A:LEU:H	1:111:A:GLU:HB3	14	0.13
(15,1620)	1:79:A:THR:H	1:80:A:TYR:HA	3	0.13
(15,1599)	1:73:A:ILE:HG21	1:76:A:ARG:H	8	0.13
(15,1599)	1:73:A:ILE:HG22	1:76:A:ARG:H	8	0.13
(15,1599)	1:73:A:ILE:HG23	1:76:A:ARG:H	8	0.13
(15,1599)	1:73:A:ILE:HG21	1:76:A:ARG:H	16	0.13
(15,1599)	1:73:A:ILE:HG22	1:76:A:ARG:H	16	0.13
(15,1599)	1:73:A:ILE:HG23	1:76:A:ARG:H	16	0.13
(15,1598)	1:72:A:PHE:H	1:73:A:ILE:HG21	8	0.13
(15,1598)	1:72:A:PHE:H	1:73:A:ILE:HG22	8	0.13
(15,1598)	1:72:A:PHE:H	1:73:A:ILE:HG23	8	0.13
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	9	0.13
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	9	0.13
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	9	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	9	0.13
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	9	0.13
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	9	0.13
(15,1571)	1:63:A:ILE:HD11	1:113:A:PHE:HA	11	0.13
(15,1571)	1:63:A:ILE:HD12	1:113:A:PHE:HA	11	0.13
(15,1571)	1:63:A:ILE:HD13	1:113:A:PHE:HA	11	0.13
(15,1540)	1:38:A:GLU:HA	1:139:A:LEU:HD21	13	0.13
(15,1540)	1:38:A:GLU:HA	1:139:A:LEU:HD22	13	0.13
(15,1540)	1:38:A:GLU:HA	1:139:A:LEU:HD23	13	0.13
(15,1526)	1:69:A:MET:HE1	1:73:A:ILE:HD11	8	0.13
(15,1526)	1:69:A:MET:HE1	1:73:A:ILE:HD12	8	0.13
(15,1526)	1:69:A:MET:HE1	1:73:A:ILE:HD13	8	0.13
(15,1526)	1:69:A:MET:HE2	1:73:A:ILE:HD11	8	0.13
(15,1526)	1:69:A:MET:HE2	1:73:A:ILE:HD12	8	0.13
(15,1526)	1:69:A:MET:HE2	1:73:A:ILE:HD13	8	0.13
(15,1526)	1:69:A:MET:HE3	1:73:A:ILE:HD11	8	0.13
(15,1526)	1:69:A:MET:HE3	1:73:A:ILE:HD12	8	0.13
(15,1526)	1:69:A:MET:HE3	1:73:A:ILE:HD13	8	0.13
(15,1525)	1:63:A:ILE:HG21	1:69:A:MET:HE1	13	0.13
(15,1525)	1:63:A:ILE:HG21	1:69:A:MET:HE2	13	0.13
(15,1525)	1:63:A:ILE:HG21	1:69:A:MET:HE3	13	0.13
(15,1525)	1:63:A:ILE:HG22	1:69:A:MET:HE1	13	0.13
(15,1525)	1:63:A:ILE:HG22	1:69:A:MET:HE2	13	0.13
(15,1525)	1:63:A:ILE:HG22	1:69:A:MET:HE3	13	0.13
(15,1525)	1:63:A:ILE:HG23	1:69:A:MET:HE1	13	0.13
(15,1525)	1:63:A:ILE:HG23	1:69:A:MET:HE2	13	0.13
(15,1525)	1:63:A:ILE:HG23	1:69:A:MET:HE3	13	0.13
(15,1516)	1:110:A:MET:HE1	1:113:A:PHE:HA	2	0.13
(15,1516)	1:110:A:MET:HE2	1:113:A:PHE:HA	2	0.13
(15,1516)	1:110:A:MET:HE3	1:113:A:PHE:HA	2	0.13
(15,1508)	1:65:A:CYS:H	1:69:A:MET:HE1	18	0.13
(15,1508)	1:65:A:CYS:H	1:69:A:MET:HE2	18	0.13
(15,1508)	1:65:A:CYS:H	1:69:A:MET:HE3	18	0.13
(15,1506)	1:69:A:MET:HE1	1:110:A:MET:H	3	0.13
(15,1506)	1:69:A:MET:HE2	1:110:A:MET:H	3	0.13
(15,1506)	1:69:A:MET:HE3	1:110:A:MET:H	3	0.13
(15,1472)	1:101:A:ILE:HG21	1:116:A:GLN:H	10	0.13
(15,1472)	1:101:A:ILE:HG22	1:116:A:GLN:H	10	0.13
(15,1472)	1:101:A:ILE:HG23	1:116:A:GLN:H	10	0.13
(15,1467)	1:101:A:ILE:HG21	1:115:A:ALA:H	6	0.13
(15,1467)	1:101:A:ILE:HG22	1:115:A:ALA:H	6	0.13
(15,1467)	1:101:A:ILE:HG23	1:115:A:ALA:H	6	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1467)	1:101:A:ILE:HG21	1:115:A:ALA:H	7	0.13
(15,1467)	1:101:A:ILE:HG22	1:115:A:ALA:H	7	0.13
(15,1467)	1:101:A:ILE:HG23	1:115:A:ALA:H	7	0.13
(15,1407)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	14	0.13
(15,1407)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	14	0.13
(15,1407)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	14	0.13
(15,1407)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	14	0.13
(15,1407)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	14	0.13
(15,1407)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	14	0.13
(15,1355)	1:120:A:CYS:H	1:121:A:VAL:HG11	4	0.13
(15,1355)	1:120:A:CYS:H	1:121:A:VAL:HG12	4	0.13
(15,1355)	1:120:A:CYS:H	1:121:A:VAL:HG13	4	0.13
(15,1319)	1:8:A:ASP:HA	1:9:A:PHE:HD1	10	0.13
(15,1319)	1:8:A:ASP:HA	1:9:A:PHE:HD2	10	0.13
(15,1248)	1:37:A:LEU:H	1:37:A:LEU:HD11	14	0.13
(15,1248)	1:37:A:LEU:H	1:37:A:LEU:HD12	14	0.13
(15,1248)	1:37:A:LEU:H	1:37:A:LEU:HD13	14	0.13
(15,1191)	1:107:A:LEU:H	1:107:A:LEU:HD21	9	0.13
(15,1191)	1:107:A:LEU:H	1:107:A:LEU:HD22	9	0.13
(15,1191)	1:107:A:LEU:H	1:107:A:LEU:HD23	9	0.13
(15,1191)	1:107:A:LEU:H	1:107:A:LEU:HD21	19	0.13
(15,1191)	1:107:A:LEU:H	1:107:A:LEU:HD22	19	0.13
(15,1191)	1:107:A:LEU:H	1:107:A:LEU:HD23	19	0.13
(15,1175)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	1	0.13
(15,1175)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	1	0.13
(15,1175)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	1	0.13
(15,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE1	1	0.13
(15,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE2	1	0.13
(15,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE1	6	0.13
(15,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE2	6	0.13
(15,1141)	1:80:A:TYR:HA	1:80:A:TYR:HD1	9	0.13
(15,1141)	1:80:A:TYR:HA	1:80:A:TYR:HD2	9	0.13
(15,1141)	1:80:A:TYR:HA	1:80:A:TYR:HD1	13	0.13
(15,1141)	1:80:A:TYR:HA	1:80:A:TYR:HD2	13	0.13
(15,1141)	1:80:A:TYR:HA	1:80:A:TYR:HD1	19	0.13
(15,1141)	1:80:A:TYR:HA	1:80:A:TYR:HD2	19	0.13
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD11	13	0.13
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD12	13	0.13
(15,1130)	1:140:A:LEU:HA	1:144:A:LEU:HD13	13	0.13
(15,1073)	1:11:A:ILE:HG12	1:44:A:GLU:HA	11	0.13
(15,1040)	1:63:A:ILE:HG13	1:116:A:GLN:HB2	3	0.13
(15,1040)	1:63:A:ILE:HG13	1:116:A:GLN:HB3	3	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,997)	1:12:A:VAL:HB	1:43:A:MET:HE1	8	0.13
(15,997)	1:12:A:VAL:HB	1:43:A:MET:HE2	8	0.13
(15,997)	1:12:A:VAL:HB	1:43:A:MET:HE3	8	0.13
(15,991)	1:104:A:PHE:H	1:105:A:LYS:HB2	11	0.13
(15,991)	1:104:A:PHE:H	1:105:A:LYS:HB3	11	0.13
(15,935)	1:69:A:MET:HG2	1:109:A:PRO:HA	17	0.13
(15,927)	1:34:A:LYS:HG2	1:81:A:GLU:HG2	6	0.13
(15,927)	1:34:A:LYS:HG2	1:81:A:GLU:HG3	6	0.13
(15,927)	1:34:A:LYS:HG3	1:81:A:GLU:HG2	6	0.13
(15,927)	1:34:A:LYS:HG3	1:81:A:GLU:HG3	6	0.13
(15,887)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	17	0.13
(15,887)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	17	0.13
(15,887)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	17	0.13
(15,835)	1:114:A:ILE:HA	1:114:A:ILE:HD11	15	0.13
(15,835)	1:114:A:ILE:HA	1:114:A:ILE:HD12	15	0.13
(15,835)	1:114:A:ILE:HA	1:114:A:ILE:HD13	15	0.13
(15,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	4	0.13
(15,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	4	0.13
(15,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	4	0.13
(15,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	4	0.13
(15,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	4	0.13
(15,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	4	0.13
(15,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	4	0.13
(15,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	4	0.13
(15,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	4	0.13
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD11	7	0.13
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD12	7	0.13
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD13	7	0.13
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD11	10	0.13
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD12	10	0.13
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD13	10	0.13
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD11	11	0.13
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD12	11	0.13
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD13	11	0.13
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD11	13	0.13
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD12	13	0.13
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD13	13	0.13
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD11	17	0.13
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD12	17	0.13
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD13	17	0.13
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD11	18	0.13
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD12	18	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD13	18	0.13
(15,799)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	2	0.13
(15,799)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	2	0.13
(15,799)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	2	0.13
(15,799)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	2	0.13
(15,799)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	2	0.13
(15,799)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	2	0.13
(15,798)	1:63:A:ILE:HD11	1:69:A:MET:HE1	8	0.13
(15,798)	1:63:A:ILE:HD11	1:69:A:MET:HE2	8	0.13
(15,798)	1:63:A:ILE:HD11	1:69:A:MET:HE3	8	0.13
(15,798)	1:63:A:ILE:HD12	1:69:A:MET:HE1	8	0.13
(15,798)	1:63:A:ILE:HD12	1:69:A:MET:HE2	8	0.13
(15,798)	1:63:A:ILE:HD12	1:69:A:MET:HE3	8	0.13
(15,798)	1:63:A:ILE:HD13	1:69:A:MET:HE1	8	0.13
(15,798)	1:63:A:ILE:HD13	1:69:A:MET:HE2	8	0.13
(15,798)	1:63:A:ILE:HD13	1:69:A:MET:HE3	8	0.13
(15,798)	1:63:A:ILE:HD11	1:69:A:MET:HE1	13	0.13
(15,798)	1:63:A:ILE:HD11	1:69:A:MET:HE2	13	0.13
(15,798)	1:63:A:ILE:HD11	1:69:A:MET:HE3	13	0.13
(15,798)	1:63:A:ILE:HD12	1:69:A:MET:HE1	13	0.13
(15,798)	1:63:A:ILE:HD12	1:69:A:MET:HE2	13	0.13
(15,798)	1:63:A:ILE:HD12	1:69:A:MET:HE3	13	0.13
(15,798)	1:63:A:ILE:HD13	1:69:A:MET:HE1	13	0.13
(15,798)	1:63:A:ILE:HD13	1:69:A:MET:HE2	13	0.13
(15,798)	1:63:A:ILE:HD13	1:69:A:MET:HE3	13	0.13
(15,784)	1:101:A:ILE:HD11	1:116:A:GLN:HA	8	0.13
(15,784)	1:101:A:ILE:HD12	1:116:A:GLN:HA	8	0.13
(15,784)	1:101:A:ILE:HD13	1:116:A:GLN:HA	8	0.13
(15,782)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	6	0.13
(15,782)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	6	0.13
(15,782)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	6	0.13
(15,782)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	6	0.13
(15,782)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	6	0.13
(15,782)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	6	0.13
(15,775)	1:73:A:ILE:HD11	1:113:A:PHE:H	14	0.13
(15,775)	1:73:A:ILE:HD12	1:113:A:PHE:H	14	0.13
(15,775)	1:73:A:ILE:HD13	1:113:A:PHE:H	14	0.13
(15,709)	1:23:A:LEU:HD21	1:27:A:ARG:HE	11	0.13
(15,709)	1:23:A:LEU:HD22	1:27:A:ARG:HE	11	0.13
(15,709)	1:23:A:LEU:HD23	1:27:A:ARG:HE	11	0.13
(15,674)	1:101:A:ILE:HD11	1:116:A:GLN:H	1	0.13
(15,674)	1:101:A:ILE:HD12	1:116:A:GLN:H	1	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,674)	1:101:A:ILE:HD13	1:116:A:GLN:H	1	0.13
(15,660)	1:101:A:ILE:H	1:104:A:PHE:HB3	9	0.13
(15,625)	1:118:A:ASP:H	1:120:A:CYS:H	6	0.13
(15,620)	1:55:A:GLY:H	1:58:A:ILE:HB	14	0.13
(15,618)	1:47:A:ALA:HB1	1:51:A:GLY:H	2	0.13
(15,618)	1:47:A:ALA:HB2	1:51:A:GLY:H	2	0.13
(15,618)	1:47:A:ALA:HB3	1:51:A:GLY:H	2	0.13
(15,596)	1:75:A:GLY:H	1:76:A:ARG:HG2	10	0.13
(15,596)	1:75:A:GLY:H	1:76:A:ARG:HG3	10	0.13
(15,493)	1:105:A:LYS:H	1:107:A:LEU:H	13	0.13
(15,412)	1:125:A:THR:H	1:128:A:LEU:HG	7	0.13
(15,339)	1:57:A:LEU:H	1:58:A:ILE:HB	2	0.13
(15,339)	1:57:A:LEU:H	1:58:A:ILE:HB	19	0.13
(15,241)	1:50:A:ALA:H	1:52:A:CYS:H	1	0.13
(15,239)	1:10:A:ASN:H	1:13:A:ALA:HB1	7	0.13
(15,239)	1:10:A:ASN:H	1:13:A:ALA:HB2	7	0.13
(15,239)	1:10:A:ASN:H	1:13:A:ALA:HB3	7	0.13
(15,223)	1:44:A:GLU:HB2	1:48:A:ARG:H	7	0.13
(15,223)	1:44:A:GLU:HB3	1:48:A:ARG:H	7	0.13
(15,215)	1:98:A:ILE:HD11	1:101:A:ILE:H	13	0.13
(15,215)	1:98:A:ILE:HD12	1:101:A:ILE:H	13	0.13
(15,215)	1:98:A:ILE:HD13	1:101:A:ILE:H	13	0.13
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB1	10	0.13
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB2	10	0.13
(15,188)	1:93:A:GLU:H	1:94:A:ALA:HB3	10	0.13
(15,114)	1:69:A:MET:H	1:73:A:ILE:HD11	3	0.13
(15,114)	1:69:A:MET:H	1:73:A:ILE:HD12	3	0.13
(15,114)	1:69:A:MET:H	1:73:A:ILE:HD13	3	0.13
(15,114)	1:69:A:MET:H	1:73:A:ILE:HD11	17	0.13
(15,114)	1:69:A:MET:H	1:73:A:ILE:HD12	17	0.13
(15,114)	1:69:A:MET:H	1:73:A:ILE:HD13	17	0.13
(15,85)	1:43:A:MET:HB2	1:45:A:ALA:H	9	0.13
(15,9)	1:63:A:ILE:HG13	1:64:A:LYS:H	5	0.13
(15,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	3	0.13
(15,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	3	0.13
(13,2322)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	17	0.13
(13,2322)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	17	0.13
(13,2322)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	17	0.13
(13,2322)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	17	0.13
(13,2262)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	1	0.13
(13,2262)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	1	0.13
(13,2262)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	1	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2262)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	1	0.13
(13,2262)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	1	0.13
(13,2262)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	1	0.13
(13,2262)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	1	0.13
(13,2262)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	1	0.13
(13,2262)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	1	0.13
(13,2262)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	1	0.13
(13,2262)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	1	0.13
(13,2262)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	1	0.13
(13,2262)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	1	0.13
(13,2262)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	1	0.13
(13,2262)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	1	0.13
(13,2262)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	1	0.13
(13,2262)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	1	0.13
(13,2262)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	1	0.13
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG11	15	0.13
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG12	15	0.13
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG13	15	0.13
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG21	15	0.13
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG22	15	0.13
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG23	15	0.13
(13,2095)	1:43:A:MET:HG2	1:140:A:LEU:HD11	9	0.13
(13,2095)	1:43:A:MET:HG2	1:140:A:LEU:HD12	9	0.13
(13,2095)	1:43:A:MET:HG2	1:140:A:LEU:HD13	9	0.13
(13,2095)	1:43:A:MET:HG2	1:140:A:LEU:HD21	9	0.13
(13,2095)	1:43:A:MET:HG2	1:140:A:LEU:HD22	9	0.13
(13,2095)	1:43:A:MET:HG2	1:140:A:LEU:HD23	9	0.13
(13,2072)	1:39:A:VAL:HG11	1:144:A:LEU:H	9	0.13
(13,2072)	1:39:A:VAL:HG12	1:144:A:LEU:H	9	0.13
(13,2072)	1:39:A:VAL:HG13	1:144:A:LEU:H	9	0.13
(13,2072)	1:39:A:VAL:HG21	1:144:A:LEU:H	9	0.13
(13,2072)	1:39:A:VAL:HG22	1:144:A:LEU:H	9	0.13
(13,2072)	1:39:A:VAL:HG23	1:144:A:LEU:H	9	0.13
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD11	12	0.13
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD12	12	0.13
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD13	12	0.13
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD21	12	0.13
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD22	12	0.13
(13,2044)	1:37:A:LEU:HA	1:40:A:LEU:HD23	12	0.13
(13,2040)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	12	0.13
(13,2040)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	12	0.13
(13,2040)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	12	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2040)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	12	0.13
(13,2040)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	12	0.13
(13,2040)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	12	0.13
(13,1997)	1:22:A:ASP:H	1:23:A:LEU:HD11	6	0.13
(13,1997)	1:22:A:ASP:H	1:23:A:LEU:HD12	6	0.13
(13,1997)	1:22:A:ASP:H	1:23:A:LEU:HD13	6	0.13
(13,1997)	1:22:A:ASP:H	1:23:A:LEU:HD21	6	0.13
(13,1997)	1:22:A:ASP:H	1:23:A:LEU:HD22	6	0.13
(13,1997)	1:22:A:ASP:H	1:23:A:LEU:HD23	6	0.13
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG21	7	0.13
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG22	7	0.13
(13,1936)	1:12:A:VAL:HG11	1:79:A:THR:HG23	7	0.13
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG21	7	0.13
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG22	7	0.13
(13,1936)	1:12:A:VAL:HG12	1:79:A:THR:HG23	7	0.13
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG21	7	0.13
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG22	7	0.13
(13,1936)	1:12:A:VAL:HG13	1:79:A:THR:HG23	7	0.13
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG21	7	0.13
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG22	7	0.13
(13,1936)	1:12:A:VAL:HG21	1:79:A:THR:HG23	7	0.13
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG21	7	0.13
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG22	7	0.13
(13,1936)	1:12:A:VAL:HG22	1:79:A:THR:HG23	7	0.13
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG21	7	0.13
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG22	7	0.13
(13,1936)	1:12:A:VAL:HG23	1:79:A:THR:HG23	7	0.13
(13,1873)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	3	0.13
(13,1870)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	2	0.13
(13,1811)	1:9:A:PHE:HD1	1:58:A:ILE:H	10	0.13
(13,1811)	1:9:A:PHE:HD2	1:58:A:ILE:H	10	0.13
(13,1755)	1:15:A:ALA:HA	1:18:A:PHE:HD1	1	0.13
(13,1755)	1:15:A:ALA:HA	1:18:A:PHE:HD2	1	0.13
(13,1719)	1:37:A:LEU:HG	1:38:A:GLU:HB3	1	0.13
(13,1700)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.13
(13,1700)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.13
(13,1700)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.13
(13,1699)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	15	0.13
(13,1699)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	15	0.13
(13,1699)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	15	0.13
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG21	15	0.13
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG22	15	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1693)	1:149:A:ALA:HB1	1:150:A:THR:HG23	15	0.13
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG21	15	0.13
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG22	15	0.13
(13,1693)	1:149:A:ALA:HB2	1:150:A:THR:HG23	15	0.13
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG21	15	0.13
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG22	15	0.13
(13,1693)	1:149:A:ALA:HB3	1:150:A:THR:HG23	15	0.13
(13,1675)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	11	0.13
(13,1660)	1:124:A:THR:HB	1:126:A:GLY:HA3	14	0.13
(13,1660)	1:124:A:THR:HB	1:126:A:GLY:HA3	15	0.13
(13,1637)	1:107:A:LEU:H	1:111:A:GLU:HB2	14	0.13
(13,1637)	1:107:A:LEU:H	1:111:A:GLU:HB3	14	0.13
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	17	0.13
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	17	0.13
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	17	0.13
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	17	0.13
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	17	0.13
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	17	0.13
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	17	0.13
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	17	0.13
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	17	0.13
(13,1599)	1:34:A:LYS:H	1:80:A:TYR:HA	10	0.13
(13,1598)	1:79:A:THR:H	1:80:A:TYR:HA	3	0.13
(13,1575)	1:73:A:ILE:HG21	1:76:A:ARG:H	8	0.13
(13,1575)	1:73:A:ILE:HG22	1:76:A:ARG:H	8	0.13
(13,1575)	1:73:A:ILE:HG23	1:76:A:ARG:H	8	0.13
(13,1575)	1:73:A:ILE:HG21	1:76:A:ARG:H	16	0.13
(13,1575)	1:73:A:ILE:HG22	1:76:A:ARG:H	16	0.13
(13,1575)	1:73:A:ILE:HG23	1:76:A:ARG:H	16	0.13
(13,1567)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	9	0.13
(13,1567)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	9	0.13
(13,1567)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	9	0.13
(13,1506)	1:69:A:MET:HE1	1:73:A:ILE:HD11	8	0.13
(13,1506)	1:69:A:MET:HE1	1:73:A:ILE:HD12	8	0.13
(13,1506)	1:69:A:MET:HE1	1:73:A:ILE:HD13	8	0.13
(13,1506)	1:69:A:MET:HE2	1:73:A:ILE:HD11	8	0.13
(13,1506)	1:69:A:MET:HE2	1:73:A:ILE:HD12	8	0.13
(13,1506)	1:69:A:MET:HE2	1:73:A:ILE:HD13	8	0.13
(13,1506)	1:69:A:MET:HE3	1:73:A:ILE:HD11	8	0.13
(13,1506)	1:69:A:MET:HE3	1:73:A:ILE:HD12	8	0.13
(13,1506)	1:69:A:MET:HE3	1:73:A:ILE:HD13	8	0.13
(13,1502)	1:66:A:THR:HG21	1:69:A:MET:HE1	10	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1502)	1:66:A:THR:HG21	1:69:A:MET:HE2	10	0.13
(13,1502)	1:66:A:THR:HG21	1:69:A:MET:HE3	10	0.13
(13,1502)	1:66:A:THR:HG22	1:69:A:MET:HE1	10	0.13
(13,1502)	1:66:A:THR:HG22	1:69:A:MET:HE2	10	0.13
(13,1502)	1:66:A:THR:HG22	1:69:A:MET:HE3	10	0.13
(13,1502)	1:66:A:THR:HG23	1:69:A:MET:HE1	10	0.13
(13,1502)	1:66:A:THR:HG23	1:69:A:MET:HE2	10	0.13
(13,1502)	1:66:A:THR:HG23	1:69:A:MET:HE3	10	0.13
(13,1455)	1:101:A:ILE:HG21	1:115:A:ALA:HA	19	0.13
(13,1455)	1:101:A:ILE:HG22	1:115:A:ALA:HA	19	0.13
(13,1455)	1:101:A:ILE:HG23	1:115:A:ALA:HA	19	0.13
(13,1453)	1:101:A:ILE:HG21	1:116:A:GLN:H	10	0.13
(13,1453)	1:101:A:ILE:HG22	1:116:A:GLN:H	10	0.13
(13,1453)	1:101:A:ILE:HG23	1:116:A:GLN:H	10	0.13
(13,1443)	1:45:A:ALA:HB1	1:47:A:ALA:H	8	0.13
(13,1443)	1:45:A:ALA:HB2	1:47:A:ALA:H	8	0.13
(13,1443)	1:45:A:ALA:HB3	1:47:A:ALA:H	8	0.13
(13,1437)	1:13:A:ALA:HB1	1:80:A:TYR:HB2	3	0.13
(13,1437)	1:13:A:ALA:HB2	1:80:A:TYR:HB2	3	0.13
(13,1437)	1:13:A:ALA:HB3	1:80:A:TYR:HB2	3	0.13
(13,1359)	1:49:A:LYS:HG2	1:50:A:ALA:HA	19	0.13
(13,1359)	1:49:A:LYS:HG3	1:50:A:ALA:HA	19	0.13
(13,1329)	1:120:A:CYS:H	1:121:A:VAL:HG11	4	0.13
(13,1329)	1:120:A:CYS:H	1:121:A:VAL:HG12	4	0.13
(13,1329)	1:120:A:CYS:H	1:121:A:VAL:HG13	4	0.13
(13,1313)	1:105:A:LYS:HD2	1:106:A:ASP:HA	3	0.13
(13,1313)	1:105:A:LYS:HD3	1:106:A:ASP:HA	3	0.13
(13,1290)	1:8:A:ASP:HA	1:9:A:PHE:HD1	10	0.13
(13,1290)	1:8:A:ASP:HA	1:9:A:PHE:HD2	10	0.13
(13,1265)	1:128:A:LEU:HD21	1:129:A:LYS:H	14	0.13
(13,1265)	1:128:A:LEU:HD22	1:129:A:LYS:H	14	0.13
(13,1265)	1:128:A:LEU:HD23	1:129:A:LYS:H	14	0.13
(13,1205)	1:140:A:LEU:HA	1:144:A:LEU:HD11	7	0.13
(13,1205)	1:140:A:LEU:HA	1:144:A:LEU:HD12	7	0.13
(13,1205)	1:140:A:LEU:HA	1:144:A:LEU:HD13	7	0.13
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD11	15	0.13
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD12	15	0.13
(13,1204)	1:143:A:TRP:H	1:144:A:LEU:HD13	15	0.13
(13,1165)	1:40:A:LEU:H	1:40:A:LEU:HD21	12	0.13
(13,1165)	1:40:A:LEU:H	1:40:A:LEU:HD22	12	0.13
(13,1165)	1:40:A:LEU:H	1:40:A:LEU:HD23	12	0.13
(13,1133)	1:37:A:LEU:HA	1:37:A:LEU:HD11	15	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1133)	1:37:A:LEU:HA	1:37:A:LEU:HD12	15	0.13
(13,1133)	1:37:A:LEU:HA	1:37:A:LEU:HD13	15	0.13
(13,1128)	1:145:A:PRO:HB2	1:146:A:GLN:HA	3	0.13
(13,1103)	1:40:A:LEU:HA	1:43:A:MET:HG2	8	0.13
(13,1066)	1:101:A:ILE:HG21	1:112:A:GLN:HA	3	0.13
(13,1066)	1:101:A:ILE:HG22	1:112:A:GLN:HA	3	0.13
(13,1066)	1:101:A:ILE:HG23	1:112:A:GLN:HA	3	0.13
(13,875)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	17	0.13
(13,875)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	17	0.13
(13,875)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	17	0.13
(13,854)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	18	0.13
(13,854)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	18	0.13
(13,763)	1:101:A:ILE:HD11	1:116:A:GLN:HA	8	0.13
(13,763)	1:101:A:ILE:HD12	1:116:A:GLN:HA	8	0.13
(13,763)	1:101:A:ILE:HD13	1:116:A:GLN:HA	8	0.13
(13,761)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	6	0.13
(13,761)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	6	0.13
(13,761)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	6	0.13
(13,761)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	6	0.13
(13,761)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	6	0.13
(13,761)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	6	0.13
(13,760)	1:101:A:ILE:HD11	1:115:A:ALA:H	7	0.13
(13,760)	1:101:A:ILE:HD12	1:115:A:ALA:H	7	0.13
(13,760)	1:101:A:ILE:HD13	1:115:A:ALA:H	7	0.13
(13,760)	1:101:A:ILE:HD11	1:115:A:ALA:H	18	0.13
(13,760)	1:101:A:ILE:HD12	1:115:A:ALA:H	18	0.13
(13,760)	1:101:A:ILE:HD13	1:115:A:ALA:H	18	0.13
(13,755)	1:73:A:ILE:HD11	1:113:A:PHE:H	14	0.13
(13,755)	1:73:A:ILE:HD12	1:113:A:PHE:H	14	0.13
(13,755)	1:73:A:ILE:HD13	1:113:A:PHE:H	14	0.13
(13,701)	1:45:A:ALA:H	1:48:A:ARG:HE	16	0.13
(13,660)	1:101:A:ILE:HD11	1:116:A:GLN:H	1	0.13
(13,660)	1:101:A:ILE:HD12	1:116:A:GLN:H	1	0.13
(13,660)	1:101:A:ILE:HD13	1:116:A:GLN:H	1	0.13
(13,608)	1:55:A:GLY:H	1:58:A:ILE:HG13	2	0.13
(13,575)	1:128:A:LEU:HD21	1:130:A:GLY:H	2	0.13
(13,575)	1:128:A:LEU:HD22	1:130:A:GLY:H	2	0.13
(13,575)	1:128:A:LEU:HD23	1:130:A:GLY:H	2	0.13
(13,471)	1:103:A:ARG:H	1:103:A:ARG:HG2	11	0.13
(13,471)	1:103:A:ARG:H	1:103:A:ARG:HG3	11	0.13
(13,405)	1:125:A:THR:H	1:128:A:LEU:HG	7	0.13
(13,234)	1:50:A:ALA:H	1:52:A:CYS:H	1	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,203)	1:101:A:ILE:H	1:101:A:ILE:HB	3	0.13
(13,199)	1:99:A:PRO:HA	1:101:A:ILE:H	3	0.13
(13,149)	1:138:A:ASP:H	1:140:A:LEU:HB2	3	0.13
(13,107)	1:69:A:MET:H	1:73:A:ILE:HD11	3	0.13
(13,107)	1:69:A:MET:H	1:73:A:ILE:HD12	3	0.13
(13,107)	1:69:A:MET:H	1:73:A:ILE:HD13	3	0.13
(13,107)	1:69:A:MET:H	1:73:A:ILE:HD11	17	0.13
(13,107)	1:69:A:MET:H	1:73:A:ILE:HD12	17	0.13
(13,107)	1:69:A:MET:H	1:73:A:ILE:HD13	17	0.13
(13,76)	1:43:A:MET:HB2	1:45:A:ALA:H	9	0.13
(13,56)	1:117:A:VAL:H	1:118:A:ASP:HB2	9	0.13
(13,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	3	0.13
(13,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	3	0.13
(11,2419)	1:134:A:VAL:HG11	1:137:A:SER:HB2	3	0.13
(11,2419)	1:134:A:VAL:HG11	1:137:A:SER:HB3	3	0.13
(11,2419)	1:134:A:VAL:HG12	1:137:A:SER:HB2	3	0.13
(11,2419)	1:134:A:VAL:HG12	1:137:A:SER:HB3	3	0.13
(11,2419)	1:134:A:VAL:HG13	1:137:A:SER:HB2	3	0.13
(11,2419)	1:134:A:VAL:HG13	1:137:A:SER:HB3	3	0.13
(11,2419)	1:134:A:VAL:HG21	1:137:A:SER:HB2	3	0.13
(11,2419)	1:134:A:VAL:HG21	1:137:A:SER:HB3	3	0.13
(11,2419)	1:134:A:VAL:HG22	1:137:A:SER:HB2	3	0.13
(11,2419)	1:134:A:VAL:HG22	1:137:A:SER:HB3	3	0.13
(11,2419)	1:134:A:VAL:HG23	1:137:A:SER:HB2	3	0.13
(11,2419)	1:134:A:VAL:HG23	1:137:A:SER:HB3	3	0.13
(11,2341)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	5	0.13
(11,2341)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	5	0.13
(11,2341)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	5	0.13
(11,2341)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	5	0.13
(11,2341)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	5	0.13
(11,2341)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	5	0.13
(11,2341)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	5	0.13
(11,2341)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	5	0.13
(11,2341)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	5	0.13
(11,2341)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	5	0.13
(11,2341)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	5	0.13
(11,2341)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	5	0.13
(11,2255)	1:69:A:MET:HG2	1:109:A:PRO:HA	19	0.13
(11,2255)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.13
(11,2250)	1:69:A:MET:H	1:70:A:LYS:HG2	8	0.13
(11,2250)	1:69:A:MET:H	1:70:A:LYS:HG3	8	0.13
(11,2146)	1:40:A:LEU:HD11	1:44:A:GLU:H	7	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2146)	1:40:A:LEU:HD12	1:44:A:GLU:H	7	0.13
(11,2146)	1:40:A:LEU:HD13	1:44:A:GLU:H	7	0.13
(11,2146)	1:40:A:LEU:HD21	1:44:A:GLU:H	7	0.13
(11,2146)	1:40:A:LEU:HD22	1:44:A:GLU:H	7	0.13
(11,2146)	1:40:A:LEU:HD23	1:44:A:GLU:H	7	0.13
(11,2146)	1:40:A:LEU:HD11	1:44:A:GLU:H	16	0.13
(11,2146)	1:40:A:LEU:HD12	1:44:A:GLU:H	16	0.13
(11,2146)	1:40:A:LEU:HD13	1:44:A:GLU:H	16	0.13
(11,2146)	1:40:A:LEU:HD21	1:44:A:GLU:H	16	0.13
(11,2146)	1:40:A:LEU:HD22	1:44:A:GLU:H	16	0.13
(11,2146)	1:40:A:LEU:HD23	1:44:A:GLU:H	16	0.13
(11,2121)	1:39:A:VAL:HG11	1:42:A:GLU:HB2	1	0.13
(11,2121)	1:39:A:VAL:HG11	1:42:A:GLU:HB3	1	0.13
(11,2121)	1:39:A:VAL:HG12	1:42:A:GLU:HB2	1	0.13
(11,2121)	1:39:A:VAL:HG12	1:42:A:GLU:HB3	1	0.13
(11,2121)	1:39:A:VAL:HG13	1:42:A:GLU:HB2	1	0.13
(11,2121)	1:39:A:VAL:HG13	1:42:A:GLU:HB3	1	0.13
(11,2121)	1:39:A:VAL:HG21	1:42:A:GLU:HB2	1	0.13
(11,2121)	1:39:A:VAL:HG21	1:42:A:GLU:HB3	1	0.13
(11,2121)	1:39:A:VAL:HG22	1:42:A:GLU:HB2	1	0.13
(11,2121)	1:39:A:VAL:HG22	1:42:A:GLU:HB3	1	0.13
(11,2121)	1:39:A:VAL:HG23	1:42:A:GLU:HB2	1	0.13
(11,2121)	1:39:A:VAL:HG23	1:42:A:GLU:HB3	1	0.13
(11,2121)	1:39:A:VAL:HG11	1:42:A:GLU:HB2	7	0.13
(11,2121)	1:39:A:VAL:HG11	1:42:A:GLU:HB3	7	0.13
(11,2121)	1:39:A:VAL:HG12	1:42:A:GLU:HB2	7	0.13
(11,2121)	1:39:A:VAL:HG12	1:42:A:GLU:HB3	7	0.13
(11,2121)	1:39:A:VAL:HG13	1:42:A:GLU:HB2	7	0.13
(11,2121)	1:39:A:VAL:HG13	1:42:A:GLU:HB3	7	0.13
(11,2121)	1:39:A:VAL:HG21	1:42:A:GLU:HB2	7	0.13
(11,2121)	1:39:A:VAL:HG21	1:42:A:GLU:HB3	7	0.13
(11,2121)	1:39:A:VAL:HG22	1:42:A:GLU:HB2	7	0.13
(11,2121)	1:39:A:VAL:HG22	1:42:A:GLU:HB3	7	0.13
(11,2121)	1:39:A:VAL:HG23	1:42:A:GLU:HB2	7	0.13
(11,2121)	1:39:A:VAL:HG23	1:42:A:GLU:HB3	7	0.13
(11,2114)	1:39:A:VAL:H	1:139:A:LEU:HD11	3	0.13
(11,2114)	1:39:A:VAL:H	1:139:A:LEU:HD12	3	0.13
(11,2114)	1:39:A:VAL:H	1:139:A:LEU:HD13	3	0.13
(11,2114)	1:39:A:VAL:H	1:139:A:LEU:HD21	3	0.13
(11,2114)	1:39:A:VAL:H	1:139:A:LEU:HD22	3	0.13
(11,2114)	1:39:A:VAL:H	1:139:A:LEU:HD23	3	0.13
(11,2072)	1:32:A:GLY:HA2	1:33:A:LYS:H	1	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2072)	1:32:A:GLY:HA3	1:33:A:LYS:H	1	0.13
(11,2072)	1:32:A:GLY:HA2	1:33:A:LYS:H	2	0.13
(11,2072)	1:32:A:GLY:HA3	1:33:A:LYS:H	2	0.13
(11,2072)	1:32:A:GLY:HA2	1:33:A:LYS:H	5	0.13
(11,2072)	1:32:A:GLY:HA3	1:33:A:LYS:H	5	0.13
(11,2072)	1:32:A:GLY:HA2	1:33:A:LYS:H	7	0.13
(11,2072)	1:32:A:GLY:HA3	1:33:A:LYS:H	7	0.13
(11,2072)	1:32:A:GLY:HA2	1:33:A:LYS:H	10	0.13
(11,2072)	1:32:A:GLY:HA3	1:33:A:LYS:H	10	0.13
(11,2072)	1:32:A:GLY:HA2	1:33:A:LYS:H	11	0.13
(11,2072)	1:32:A:GLY:HA3	1:33:A:LYS:H	11	0.13
(11,2072)	1:32:A:GLY:HA2	1:33:A:LYS:H	13	0.13
(11,2072)	1:32:A:GLY:HA3	1:33:A:LYS:H	13	0.13
(11,2072)	1:32:A:GLY:HA2	1:33:A:LYS:H	16	0.13
(11,2072)	1:32:A:GLY:HA3	1:33:A:LYS:H	16	0.13
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD11	5	0.13
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD12	5	0.13
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD13	5	0.13
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD21	5	0.13
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD22	5	0.13
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD23	5	0.13
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD11	5	0.13
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD12	5	0.13
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD13	5	0.13
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD21	5	0.13
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD22	5	0.13
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD23	5	0.13
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD11	5	0.13
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD12	5	0.13
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD13	5	0.13
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD21	5	0.13
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD22	5	0.13
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD23	5	0.13
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD11	11	0.13
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD12	11	0.13
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD13	11	0.13
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD21	11	0.13
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD22	11	0.13
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD23	11	0.13
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD11	11	0.13
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD12	11	0.13
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD13	11	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD21	11	0.13
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD22	11	0.13
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD23	11	0.13
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD11	11	0.13
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD12	11	0.13
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD13	11	0.13
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD21	11	0.13
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD22	11	0.13
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD23	11	0.13
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	8	0.13
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	8	0.13
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	8	0.13
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	8	0.13
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	8	0.13
(11,2043)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	8	0.13
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	8	0.13
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	8	0.13
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	8	0.13
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	8	0.13
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	8	0.13
(11,2043)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	8	0.13
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG21	2	0.13
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG22	2	0.13
(11,2036)	1:17:A:ASN:HD21	1:79:A:THR:HG23	2	0.13
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG21	2	0.13
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG22	2	0.13
(11,2036)	1:17:A:ASN:HD22	1:79:A:THR:HG23	2	0.13
(11,2014)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	4	0.13
(11,2014)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	4	0.13
(11,2014)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	4	0.13
(11,2014)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	4	0.13
(11,2014)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	4	0.13
(11,2014)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	4	0.13
(11,2014)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	4	0.13
(11,2014)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	4	0.13
(11,2014)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	4	0.13
(11,2014)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	4	0.13
(11,2014)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	4	0.13
(11,2014)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	4	0.13
(11,1934)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	3	0.13
(11,1920)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	8	0.13
(11,1920)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	8	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1920)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	8	0.13
(11,1920)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	8	0.13
(11,1896)	1:72:A:PHE:HD1	1:109:A:PRO:HD2	16	0.13
(11,1896)	1:72:A:PHE:HD2	1:109:A:PRO:HD2	16	0.13
(11,1875)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	11	0.13
(11,1875)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	11	0.13
(11,1865)	1:61:A:SER:H	1:62:A:HIS:HD2	11	0.13
(11,1855)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	19	0.13
(11,1855)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	19	0.13
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	16	0.13
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	16	0.13
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	16	0.13
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	16	0.13
(11,1837)	1:104:A:PHE:HD1	1:116:A:GLN:HG3	6	0.13
(11,1837)	1:104:A:PHE:HD2	1:116:A:GLN:HG3	6	0.13
(11,1822)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	2	0.13
(11,1822)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	2	0.13
(11,1822)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	2	0.13
(11,1822)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	2	0.13
(11,1822)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	2	0.13
(11,1822)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	2	0.13
(11,1821)	1:15:A:ALA:HA	1:18:A:PHE:HD1	1	0.13
(11,1821)	1:15:A:ALA:HA	1:18:A:PHE:HD2	1	0.13
(11,1770)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.13
(11,1770)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.13
(11,1770)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.13
(11,1769)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	15	0.13
(11,1769)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	15	0.13
(11,1769)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	15	0.13
(11,1740)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	11	0.13
(11,1704)	1:107:A:LEU:H	1:111:A:GLU:HB2	14	0.13
(11,1704)	1:107:A:LEU:H	1:111:A:GLU:HB3	14	0.13
(11,1691)	1:69:A:MET:HE1	1:117:A:VAL:HG21	8	0.13
(11,1691)	1:69:A:MET:HE1	1:117:A:VAL:HG22	8	0.13
(11,1691)	1:69:A:MET:HE1	1:117:A:VAL:HG23	8	0.13
(11,1691)	1:69:A:MET:HE2	1:117:A:VAL:HG21	8	0.13
(11,1691)	1:69:A:MET:HE2	1:117:A:VAL:HG22	8	0.13
(11,1691)	1:69:A:MET:HE2	1:117:A:VAL:HG23	8	0.13
(11,1691)	1:69:A:MET:HE3	1:117:A:VAL:HG21	8	0.13
(11,1691)	1:69:A:MET:HE3	1:117:A:VAL:HG22	8	0.13
(11,1691)	1:69:A:MET:HE3	1:117:A:VAL:HG23	8	0.13
(11,1690)	1:69:A:MET:HA	1:69:A:MET:HE1	9	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1690)	1:69:A:MET:HA	1:69:A:MET:HE2	9	0.13
(11,1690)	1:69:A:MET:HA	1:69:A:MET:HE3	9	0.13
(11,1662)	1:34:A:LYS:H	1:80:A:TYR:HA	10	0.13
(11,1661)	1:79:A:THR:H	1:80:A:TYR:HA	3	0.13
(11,1659)	1:13:A:ALA:HA	1:80:A:TYR:HB3	14	0.13
(11,1642)	1:128:A:LEU:HD21	1:130:A:GLY:H	2	0.13
(11,1642)	1:128:A:LEU:HD22	1:130:A:GLY:H	2	0.13
(11,1642)	1:128:A:LEU:HD23	1:130:A:GLY:H	2	0.13
(11,1638)	1:73:A:ILE:HG21	1:76:A:ARG:H	8	0.13
(11,1638)	1:73:A:ILE:HG22	1:76:A:ARG:H	8	0.13
(11,1638)	1:73:A:ILE:HG23	1:76:A:ARG:H	8	0.13
(11,1638)	1:73:A:ILE:HG21	1:76:A:ARG:H	16	0.13
(11,1638)	1:73:A:ILE:HG22	1:76:A:ARG:H	16	0.13
(11,1638)	1:73:A:ILE:HG23	1:76:A:ARG:H	16	0.13
(11,1636)	1:120:A:CYS:H	1:121:A:VAL:HG21	18	0.13
(11,1636)	1:120:A:CYS:H	1:121:A:VAL:HG22	18	0.13
(11,1636)	1:120:A:CYS:H	1:121:A:VAL:HG23	18	0.13
(11,1632)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	9	0.13
(11,1632)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	9	0.13
(11,1632)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	9	0.13
(11,1615)	1:98:A:ILE:HG21	1:116:A:GLN:H	15	0.13
(11,1615)	1:98:A:ILE:HG22	1:116:A:GLN:H	15	0.13
(11,1615)	1:98:A:ILE:HG23	1:116:A:GLN:H	15	0.13
(11,1607)	1:63:A:ILE:HD11	1:113:A:PHE:HA	11	0.13
(11,1607)	1:63:A:ILE:HD12	1:113:A:PHE:HA	11	0.13
(11,1607)	1:63:A:ILE:HD13	1:113:A:PHE:HA	11	0.13
(11,1602)	1:58:A:ILE:HD11	1:59:A:CYS:H	6	0.13
(11,1602)	1:58:A:ILE:HD12	1:59:A:CYS:H	6	0.13
(11,1602)	1:58:A:ILE:HD13	1:59:A:CYS:H	6	0.13
(11,1596)	1:11:A:ILE:HD11	1:12:A:VAL:H	15	0.13
(11,1596)	1:11:A:ILE:HD12	1:12:A:VAL:H	15	0.13
(11,1596)	1:11:A:ILE:HD13	1:12:A:VAL:H	15	0.13
(11,1556)	1:69:A:MET:HE1	1:73:A:ILE:HD11	8	0.13
(11,1556)	1:69:A:MET:HE1	1:73:A:ILE:HD12	8	0.13
(11,1556)	1:69:A:MET:HE1	1:73:A:ILE:HD13	8	0.13
(11,1556)	1:69:A:MET:HE2	1:73:A:ILE:HD11	8	0.13
(11,1556)	1:69:A:MET:HE2	1:73:A:ILE:HD12	8	0.13
(11,1556)	1:69:A:MET:HE2	1:73:A:ILE:HD13	8	0.13
(11,1556)	1:69:A:MET:HE3	1:73:A:ILE:HD11	8	0.13
(11,1556)	1:69:A:MET:HE3	1:73:A:ILE:HD12	8	0.13
(11,1556)	1:69:A:MET:HE3	1:73:A:ILE:HD13	8	0.13
(11,1546)	1:110:A:MET:HE1	1:113:A:PHE:HA	2	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1546)	1:110:A:MET:HE2	1:113:A:PHE:HA	2	0.13
(11,1546)	1:110:A:MET:HE3	1:113:A:PHE:HA	2	0.13
(11,1538)	1:65:A:CYS:H	1:69:A:MET:HE1	18	0.13
(11,1538)	1:65:A:CYS:H	1:69:A:MET:HE2	18	0.13
(11,1538)	1:65:A:CYS:H	1:69:A:MET:HE3	18	0.13
(11,1536)	1:69:A:MET:HE1	1:110:A:MET:H	3	0.13
(11,1536)	1:69:A:MET:HE2	1:110:A:MET:H	3	0.13
(11,1536)	1:69:A:MET:HE3	1:110:A:MET:H	3	0.13
(11,1502)	1:101:A:ILE:HG21	1:115:A:ALA:HA	19	0.13
(11,1502)	1:101:A:ILE:HG22	1:115:A:ALA:HA	19	0.13
(11,1502)	1:101:A:ILE:HG23	1:115:A:ALA:HA	19	0.13
(11,1488)	1:45:A:ALA:HB1	1:47:A:ALA:H	8	0.13
(11,1488)	1:45:A:ALA:HB2	1:47:A:ALA:H	8	0.13
(11,1488)	1:45:A:ALA:HB3	1:47:A:ALA:H	8	0.13
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG21	15	0.13
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG22	15	0.13
(11,1441)	1:149:A:ALA:HB1	1:150:A:THR:HG23	15	0.13
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG21	15	0.13
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG22	15	0.13
(11,1441)	1:149:A:ALA:HB2	1:150:A:THR:HG23	15	0.13
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG21	15	0.13
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG22	15	0.13
(11,1441)	1:149:A:ALA:HB3	1:150:A:THR:HG23	15	0.13
(11,1434)	1:73:A:ILE:HG21	1:110:A:MET:H	15	0.13
(11,1434)	1:73:A:ILE:HG22	1:110:A:MET:H	15	0.13
(11,1434)	1:73:A:ILE:HG23	1:110:A:MET:H	15	0.13
(11,1424)	1:129:A:LYS:HA	1:132:A:ALA:HB1	18	0.13
(11,1424)	1:129:A:LYS:HA	1:132:A:ALA:HB2	18	0.13
(11,1424)	1:129:A:LYS:HA	1:132:A:ALA:HB3	18	0.13
(11,1402)	1:49:A:LYS:HG2	1:50:A:ALA:HA	19	0.13
(11,1402)	1:49:A:LYS:HG3	1:50:A:ALA:HA	19	0.13
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG11	19	0.13
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG12	19	0.13
(11,1380)	1:118:A:ASP:HA	1:121:A:VAL:HG13	19	0.13
(11,1371)	1:113:A:PHE:HE1	1:117:A:VAL:HG11	4	0.13
(11,1371)	1:113:A:PHE:HE1	1:117:A:VAL:HG12	4	0.13
(11,1371)	1:113:A:PHE:HE1	1:117:A:VAL:HG13	4	0.13
(11,1371)	1:113:A:PHE:HE2	1:117:A:VAL:HG11	4	0.13
(11,1371)	1:113:A:PHE:HE2	1:117:A:VAL:HG12	4	0.13
(11,1371)	1:113:A:PHE:HE2	1:117:A:VAL:HG13	4	0.13
(11,1353)	1:8:A:ASP:HA	1:8:A:ASP:HB3	2	0.13
(11,1353)	1:8:A:ASP:HA	1:8:A:ASP:HB3	14	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1353)	1:8:A:ASP:HA	1:8:A:ASP:HB3	15	0.13
(11,1353)	1:8:A:ASP:HA	1:8:A:ASP:HB3	16	0.13
(11,1353)	1:8:A:ASP:HA	1:8:A:ASP:HB3	18	0.13
(11,1353)	1:8:A:ASP:HA	1:8:A:ASP:HB3	19	0.13
(11,1267)	1:37:A:LEU:H	1:37:A:LEU:HD11	14	0.13
(11,1267)	1:37:A:LEU:H	1:37:A:LEU:HD12	14	0.13
(11,1267)	1:37:A:LEU:H	1:37:A:LEU:HD13	14	0.13
(11,1265)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	7	0.13
(11,1265)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	7	0.13
(11,1265)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	7	0.13
(11,1265)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	7	0.13
(11,1265)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	7	0.13
(11,1265)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	7	0.13
(11,1248)	1:140:A:LEU:HA	1:144:A:LEU:HD11	7	0.13
(11,1248)	1:140:A:LEU:HA	1:144:A:LEU:HD12	7	0.13
(11,1248)	1:140:A:LEU:HA	1:144:A:LEU:HD13	7	0.13
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD11	15	0.13
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD12	15	0.13
(11,1247)	1:143:A:TRP:H	1:144:A:LEU:HD13	15	0.13
(11,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	6	0.13
(11,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	6	0.13
(11,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	6	0.13
(11,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	6	0.13
(11,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	6	0.13
(11,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	6	0.13
(11,1159)	1:80:A:TYR:HA	1:80:A:TYR:HE1	1	0.13
(11,1159)	1:80:A:TYR:HA	1:80:A:TYR:HE2	1	0.13
(11,1159)	1:80:A:TYR:HA	1:80:A:TYR:HE1	6	0.13
(11,1159)	1:80:A:TYR:HA	1:80:A:TYR:HE2	6	0.13
(11,1157)	1:80:A:TYR:HA	1:80:A:TYR:HD1	9	0.13
(11,1157)	1:80:A:TYR:HA	1:80:A:TYR:HD2	9	0.13
(11,1157)	1:80:A:TYR:HA	1:80:A:TYR:HD1	13	0.13
(11,1157)	1:80:A:TYR:HA	1:80:A:TYR:HD2	13	0.13
(11,1157)	1:80:A:TYR:HA	1:80:A:TYR:HD1	19	0.13
(11,1157)	1:80:A:TYR:HA	1:80:A:TYR:HD2	19	0.13
(11,1119)	1:41:A:LYS:HA	1:44:A:GLU:HG2	4	0.13
(11,1096)	1:48:A:ARG:HG2	1:49:A:LYS:HA	13	0.13
(11,1096)	1:48:A:ARG:HG3	1:49:A:LYS:HA	13	0.13
(11,1093)	1:108:A:GLU:HB2	1:109:A:PRO:HD3	16	0.13
(11,1093)	1:108:A:GLU:HB2	1:109:A:PRO:HD3	17	0.13
(11,1092)	1:101:A:ILE:HG21	1:112:A:GLN:HA	3	0.13
(11,1092)	1:101:A:ILE:HG22	1:112:A:GLN:HA	3	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1092)	1:101:A:ILE:HG23	1:112:A:GLN:HA	3	0.13
(11,1046)	1:63:A:ILE:HG13	1:116:A:GLN:HB2	3	0.13
(11,1046)	1:63:A:ILE:HG13	1:116:A:GLN:HB3	3	0.13
(11,1020)	1:66:A:THR:HG21	1:96:A:VAL:HA	11	0.13
(11,1020)	1:66:A:THR:HG22	1:96:A:VAL:HA	11	0.13
(11,1020)	1:66:A:THR:HG23	1:96:A:VAL:HA	11	0.13
(11,1017)	1:27:A:ARG:HB2	1:28:A:GLY:H	2	0.13
(11,956)	1:40:A:LEU:HA	1:43:A:MET:HG2	10	0.13
(11,943)	1:69:A:MET:HG2	1:109:A:PRO:HA	17	0.13
(11,939)	1:117:A:VAL:HA	1:118:A:ASP:HA	5	0.13
(11,939)	1:117:A:VAL:HA	1:118:A:ASP:HA	14	0.13
(11,939)	1:117:A:VAL:HA	1:118:A:ASP:HA	16	0.13
(11,939)	1:117:A:VAL:HA	1:118:A:ASP:HA	17	0.13
(11,921)	1:44:A:GLU:HG3	1:47:A:ALA:HB1	13	0.13
(11,921)	1:44:A:GLU:HG3	1:47:A:ALA:HB2	13	0.13
(11,921)	1:44:A:GLU:HG3	1:47:A:ALA:HB3	13	0.13
(11,896)	1:73:A:ILE:HB	1:76:A:ARG:HA	7	0.13
(11,896)	1:73:A:ILE:HB	1:76:A:ARG:HA	17	0.13
(11,862)	1:60:A:LEU:HB2	1:63:A:ILE:H	4	0.13
(11,861)	1:37:A:LEU:HB2	1:39:A:VAL:H	6	0.13
(11,811)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	10	0.13
(11,811)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	10	0.13
(11,811)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	10	0.13
(11,811)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	10	0.13
(11,811)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	10	0.13
(11,811)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	10	0.13
(11,810)	1:64:A:LYS:H	1:98:A:ILE:HD11	19	0.13
(11,810)	1:64:A:LYS:H	1:98:A:ILE:HD12	19	0.13
(11,810)	1:64:A:LYS:H	1:98:A:ILE:HD13	19	0.13
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	19	0.13
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	19	0.13
(11,778)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	19	0.13
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	19	0.13
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	19	0.13
(11,778)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	19	0.13
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	19	0.13
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	19	0.13
(11,778)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	19	0.13
(11,775)	1:101:A:ILE:HD11	1:116:A:GLN:HA	8	0.13
(11,775)	1:101:A:ILE:HD12	1:116:A:GLN:HA	8	0.13
(11,775)	1:101:A:ILE:HD13	1:116:A:GLN:HA	8	0.13
(11,773)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	6	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,773)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	6	0.13
(11,773)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	6	0.13
(11,773)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	6	0.13
(11,773)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	6	0.13
(11,773)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	6	0.13
(11,771)	1:101:A:ILE:HD11	1:115:A:ALA:H	7	0.13
(11,771)	1:101:A:ILE:HD12	1:115:A:ALA:H	7	0.13
(11,771)	1:101:A:ILE:HD13	1:115:A:ALA:H	7	0.13
(11,771)	1:101:A:ILE:HD11	1:115:A:ALA:H	18	0.13
(11,771)	1:101:A:ILE:HD12	1:115:A:ALA:H	18	0.13
(11,771)	1:101:A:ILE:HD13	1:115:A:ALA:H	18	0.13
(11,766)	1:73:A:ILE:HD11	1:113:A:PHE:H	14	0.13
(11,766)	1:73:A:ILE:HD12	1:113:A:PHE:H	14	0.13
(11,766)	1:73:A:ILE:HD13	1:113:A:PHE:H	14	0.13
(11,673)	1:120:A:CYS:H	1:121:A:VAL:HG11	9	0.13
(11,673)	1:120:A:CYS:H	1:121:A:VAL:HG12	9	0.13
(11,673)	1:120:A:CYS:H	1:121:A:VAL:HG13	9	0.13
(11,670)	1:101:A:ILE:HD11	1:116:A:GLN:H	1	0.13
(11,670)	1:101:A:ILE:HD12	1:116:A:GLN:H	1	0.13
(11,670)	1:101:A:ILE:HD13	1:116:A:GLN:H	1	0.13
(11,622)	1:35:A:LEU:H	1:80:A:TYR:HB2	4	0.13
(11,620)	1:118:A:ASP:H	1:120:A:CYS:H	6	0.13
(11,543)	1:60:A:LEU:HD11	1:61:A:SER:H	4	0.13
(11,543)	1:60:A:LEU:HD12	1:61:A:SER:H	4	0.13
(11,543)	1:60:A:LEU:HD13	1:61:A:SER:H	4	0.13
(11,543)	1:60:A:LEU:HD11	1:61:A:SER:H	9	0.13
(11,543)	1:60:A:LEU:HD12	1:61:A:SER:H	9	0.13
(11,543)	1:60:A:LEU:HD13	1:61:A:SER:H	9	0.13
(11,514)	1:67:A:PRO:HB2	1:71:A:LYS:H	13	0.13
(11,514)	1:67:A:PRO:HB3	1:71:A:LYS:H	13	0.13
(11,513)	1:105:A:LYS:H	1:106:A:ASP:HB3	8	0.13
(11,436)	1:68:A:LYS:H	1:68:A:LYS:HE2	5	0.13
(11,436)	1:68:A:LYS:H	1:68:A:LYS:HE3	5	0.13
(11,338)	1:57:A:LEU:H	1:58:A:ILE:HB	2	0.13
(11,338)	1:57:A:LEU:H	1:58:A:ILE:HB	19	0.13
(11,203)	1:101:A:ILE:H	1:101:A:ILE:HB	3	0.13
(11,199)	1:99:A:PRO:HA	1:101:A:ILE:H	3	0.13
(11,82)	1:43:A:MET:HB2	1:45:A:ALA:H	9	0.13
(11,55)	1:98:A:ILE:H	1:101:A:ILE:HG21	1	0.13
(11,55)	1:98:A:ILE:H	1:101:A:ILE:HG22	1	0.13
(11,55)	1:98:A:ILE:H	1:101:A:ILE:HG23	1	0.13
(11,55)	1:98:A:ILE:H	1:101:A:ILE:HG21	10	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,55)	1:98:A:ILE:H	1:101:A:ILE:HG22	10	0.13
(11,55)	1:98:A:ILE:H	1:101:A:ILE:HG23	10	0.13
(11,9)	1:63:A:ILE:HG13	1:64:A:LYS:H	5	0.13
(9,2405)	1:140:A:LEU:HA	1:140:A:LEU:HD11	17	0.13
(9,2405)	1:140:A:LEU:HA	1:140:A:LEU:HD12	17	0.13
(9,2405)	1:140:A:LEU:HA	1:140:A:LEU:HD13	17	0.13
(9,2405)	1:140:A:LEU:HA	1:140:A:LEU:HD21	17	0.13
(9,2405)	1:140:A:LEU:HA	1:140:A:LEU:HD22	17	0.13
(9,2405)	1:140:A:LEU:HA	1:140:A:LEU:HD23	17	0.13
(9,2391)	1:139:A:LEU:H	1:139:A:LEU:HD11	4	0.13
(9,2391)	1:139:A:LEU:H	1:139:A:LEU:HD12	4	0.13
(9,2391)	1:139:A:LEU:H	1:139:A:LEU:HD13	4	0.13
(9,2391)	1:139:A:LEU:H	1:139:A:LEU:HD21	4	0.13
(9,2391)	1:139:A:LEU:H	1:139:A:LEU:HD22	4	0.13
(9,2391)	1:139:A:LEU:H	1:139:A:LEU:HD23	4	0.13
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD11	19	0.13
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD12	19	0.13
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD13	19	0.13
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD21	19	0.13
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD22	19	0.13
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD23	19	0.13
(9,2205)	1:70:A:LYS:H	1:70:A:LYS:HD2	19	0.13
(9,2205)	1:70:A:LYS:H	1:70:A:LYS:HD3	19	0.13
(9,2090)	1:39:A:VAL:HG11	1:41:A:LYS:H	2	0.13
(9,2090)	1:39:A:VAL:HG12	1:41:A:LYS:H	2	0.13
(9,2090)	1:39:A:VAL:HG13	1:41:A:LYS:H	2	0.13
(9,2090)	1:39:A:VAL:HG21	1:41:A:LYS:H	2	0.13
(9,2090)	1:39:A:VAL:HG22	1:41:A:LYS:H	2	0.13
(9,2090)	1:39:A:VAL:HG23	1:41:A:LYS:H	2	0.13
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD11	10	0.13
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD12	10	0.13
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD13	10	0.13
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD21	10	0.13
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD22	10	0.13
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD23	10	0.13
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD11	5	0.13
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD12	5	0.13
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD13	5	0.13
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD21	5	0.13
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD22	5	0.13
(9,2075)	1:38:A:GLU:H	1:40:A:LEU:HD23	5	0.13
(9,2065)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	12	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2065)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	12	0.13
(9,2065)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	12	0.13
(9,2065)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	12	0.13
(9,2065)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	12	0.13
(9,2065)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	12	0.13
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG11	10	0.13
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG12	10	0.13
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG13	10	0.13
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG21	10	0.13
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG22	10	0.13
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG23	10	0.13
(9,2060)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	9	0.13
(9,2060)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	9	0.13
(9,2060)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	9	0.13
(9,2060)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	9	0.13
(9,2060)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	9	0.13
(9,2060)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	9	0.13
(9,2016)	1:22:A:ASP:H	1:23:A:LEU:HD11	6	0.13
(9,2016)	1:22:A:ASP:H	1:23:A:LEU:HD12	6	0.13
(9,2016)	1:22:A:ASP:H	1:23:A:LEU:HD13	6	0.13
(9,2016)	1:22:A:ASP:H	1:23:A:LEU:HD21	6	0.13
(9,2016)	1:22:A:ASP:H	1:23:A:LEU:HD22	6	0.13
(9,2016)	1:22:A:ASP:H	1:23:A:LEU:HD23	6	0.13
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB2	4	0.13
(9,1968)	1:13:A:ALA:HB1	1:81:A:GLU:HB3	4	0.13
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB2	4	0.13
(9,1968)	1:13:A:ALA:HB2	1:81:A:GLU:HB3	4	0.13
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB2	4	0.13
(9,1968)	1:13:A:ALA:HB3	1:81:A:GLU:HB3	4	0.13
(9,1937)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	7	0.13
(9,1937)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	7	0.13
(9,1937)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	7	0.13
(9,1937)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	7	0.13
(9,1899)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	8	0.13
(9,1899)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	8	0.13
(9,1899)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	8	0.13
(9,1899)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	8	0.13
(9,1842)	1:9:A:PHE:HD1	1:58:A:ILE:H	10	0.13
(9,1842)	1:9:A:PHE:HD2	1:58:A:ILE:H	10	0.13
(9,1819)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	19	0.13
(9,1819)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	19	0.13
(9,1783)	1:15:A:ALA:HA	1:18:A:PHE:HD1	1	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1783)	1:15:A:ALA:HA	1:18:A:PHE:HD2	1	0.13
(9,1758)	1:66:A:THR:HG21	1:97:A:ASP:HA	12	0.13
(9,1758)	1:66:A:THR:HG22	1:97:A:ASP:HA	12	0.13
(9,1758)	1:66:A:THR:HG23	1:97:A:ASP:HA	12	0.13
(9,1758)	1:66:A:THR:HG21	1:97:A:ASP:HA	16	0.13
(9,1758)	1:66:A:THR:HG22	1:97:A:ASP:HA	16	0.13
(9,1758)	1:66:A:THR:HG23	1:97:A:ASP:HA	16	0.13
(9,1757)	1:57:A:LEU:HG	1:60:A:LEU:HG	3	0.13
(9,1757)	1:57:A:LEU:HG	1:60:A:LEU:HG	9	0.13
(9,1747)	1:37:A:LEU:HG	1:38:A:GLU:HB3	1	0.13
(9,1726)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.13
(9,1726)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.13
(9,1726)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.13
(9,1725)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	15	0.13
(9,1725)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	15	0.13
(9,1725)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	15	0.13
(9,1713)	1:19:A:ALA:HB1	1:20:A:THR:HG21	5	0.13
(9,1713)	1:19:A:ALA:HB1	1:20:A:THR:HG22	5	0.13
(9,1713)	1:19:A:ALA:HB1	1:20:A:THR:HG23	5	0.13
(9,1713)	1:19:A:ALA:HB2	1:20:A:THR:HG21	5	0.13
(9,1713)	1:19:A:ALA:HB2	1:20:A:THR:HG22	5	0.13
(9,1713)	1:19:A:ALA:HB2	1:20:A:THR:HG23	5	0.13
(9,1713)	1:19:A:ALA:HB3	1:20:A:THR:HG21	5	0.13
(9,1713)	1:19:A:ALA:HB3	1:20:A:THR:HG22	5	0.13
(9,1713)	1:19:A:ALA:HB3	1:20:A:THR:HG23	5	0.13
(9,1698)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	7	0.13
(9,1698)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	7	0.13
(9,1661)	1:107:A:LEU:H	1:111:A:GLU:HB2	14	0.13
(9,1661)	1:107:A:LEU:H	1:111:A:GLU:HB3	14	0.13
(9,1618)	1:79:A:THR:H	1:80:A:TYR:HA	3	0.13
(9,1600)	1:73:A:ILE:HG21	1:76:A:ARG:H	8	0.13
(9,1600)	1:73:A:ILE:HG22	1:76:A:ARG:H	8	0.13
(9,1600)	1:73:A:ILE:HG23	1:76:A:ARG:H	8	0.13
(9,1600)	1:73:A:ILE:HG21	1:76:A:ARG:H	16	0.13
(9,1600)	1:73:A:ILE:HG22	1:76:A:ARG:H	16	0.13
(9,1600)	1:73:A:ILE:HG23	1:76:A:ARG:H	16	0.13
(9,1599)	1:72:A:PHE:H	1:73:A:ILE:HG21	8	0.13
(9,1599)	1:72:A:PHE:H	1:73:A:ILE:HG22	8	0.13
(9,1599)	1:72:A:PHE:H	1:73:A:ILE:HG23	8	0.13
(9,1597)	1:120:A:CYS:H	1:121:A:VAL:HG21	18	0.13
(9,1597)	1:120:A:CYS:H	1:121:A:VAL:HG22	18	0.13
(9,1597)	1:120:A:CYS:H	1:121:A:VAL:HG23	18	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1593)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	9	0.13
(9,1593)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	9	0.13
(9,1593)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	9	0.13
(9,1592)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	16	0.13
(9,1592)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	16	0.13
(9,1592)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	16	0.13
(9,1591)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	7	0.13
(9,1591)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	7	0.13
(9,1591)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	7	0.13
(9,1581)	1:98:A:ILE:HG21	1:116:A:GLN:H	15	0.13
(9,1581)	1:98:A:ILE:HG22	1:116:A:GLN:H	15	0.13
(9,1581)	1:98:A:ILE:HG23	1:116:A:GLN:H	15	0.13
(9,1546)	1:38:A:GLU:HA	1:139:A:LEU:HD21	13	0.13
(9,1546)	1:38:A:GLU:HA	1:139:A:LEU:HD22	13	0.13
(9,1546)	1:38:A:GLU:HA	1:139:A:LEU:HD23	13	0.13
(9,1532)	1:69:A:MET:HE1	1:73:A:ILE:HD11	8	0.13
(9,1532)	1:69:A:MET:HE1	1:73:A:ILE:HD12	8	0.13
(9,1532)	1:69:A:MET:HE1	1:73:A:ILE:HD13	8	0.13
(9,1532)	1:69:A:MET:HE2	1:73:A:ILE:HD11	8	0.13
(9,1532)	1:69:A:MET:HE2	1:73:A:ILE:HD12	8	0.13
(9,1532)	1:69:A:MET:HE2	1:73:A:ILE:HD13	8	0.13
(9,1532)	1:69:A:MET:HE3	1:73:A:ILE:HD11	8	0.13
(9,1532)	1:69:A:MET:HE3	1:73:A:ILE:HD12	8	0.13
(9,1532)	1:69:A:MET:HE3	1:73:A:ILE:HD13	8	0.13
(9,1513)	1:65:A:CYS:H	1:69:A:MET:HE1	18	0.13
(9,1513)	1:65:A:CYS:H	1:69:A:MET:HE2	18	0.13
(9,1513)	1:65:A:CYS:H	1:69:A:MET:HE3	18	0.13
(9,1512)	1:69:A:MET:HE1	1:114:A:ILE:H	13	0.13
(9,1512)	1:69:A:MET:HE2	1:114:A:ILE:H	13	0.13
(9,1512)	1:69:A:MET:HE3	1:114:A:ILE:H	13	0.13
(9,1511)	1:69:A:MET:HE1	1:110:A:MET:H	3	0.13
(9,1511)	1:69:A:MET:HE2	1:110:A:MET:H	3	0.13
(9,1511)	1:69:A:MET:HE3	1:110:A:MET:H	3	0.13
(9,1474)	1:101:A:ILE:HG21	1:116:A:GLN:H	10	0.13
(9,1474)	1:101:A:ILE:HG22	1:116:A:GLN:H	10	0.13
(9,1474)	1:101:A:ILE:HG23	1:116:A:GLN:H	10	0.13
(9,1469)	1:101:A:ILE:HG21	1:115:A:ALA:H	6	0.13
(9,1469)	1:101:A:ILE:HG22	1:115:A:ALA:H	6	0.13
(9,1469)	1:101:A:ILE:HG23	1:115:A:ALA:H	6	0.13
(9,1469)	1:101:A:ILE:HG21	1:115:A:ALA:H	7	0.13
(9,1469)	1:101:A:ILE:HG22	1:115:A:ALA:H	7	0.13
(9,1469)	1:101:A:ILE:HG23	1:115:A:ALA:H	7	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1452)	1:13:A:ALA:HB1	1:79:A:THR:HB	8	0.13
(9,1452)	1:13:A:ALA:HB2	1:79:A:THR:HB	8	0.13
(9,1452)	1:13:A:ALA:HB3	1:79:A:THR:HB	8	0.13
(9,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB1	5	0.13
(9,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB2	5	0.13
(9,1443)	1:47:A:ALA:HA	1:50:A:ALA:HB3	5	0.13
(9,1409)	1:73:A:ILE:HG21	1:110:A:MET:H	15	0.13
(9,1409)	1:73:A:ILE:HG22	1:110:A:MET:H	15	0.13
(9,1409)	1:73:A:ILE:HG23	1:110:A:MET:H	15	0.13
(9,1355)	1:118:A:ASP:HA	1:121:A:VAL:HG11	4	0.13
(9,1355)	1:118:A:ASP:HA	1:121:A:VAL:HG12	4	0.13
(9,1355)	1:118:A:ASP:HA	1:121:A:VAL:HG13	4	0.13
(9,1350)	1:120:A:CYS:H	1:121:A:VAL:HG11	4	0.13
(9,1350)	1:120:A:CYS:H	1:121:A:VAL:HG12	4	0.13
(9,1350)	1:120:A:CYS:H	1:121:A:VAL:HG13	4	0.13
(9,1339)	1:117:A:VAL:HG21	1:118:A:ASP:H	3	0.13
(9,1339)	1:117:A:VAL:HG22	1:118:A:ASP:H	3	0.13
(9,1339)	1:117:A:VAL:HG23	1:118:A:ASP:H	3	0.13
(9,1320)	1:123:A:CYS:HB2	1:128:A:LEU:HD11	8	0.13
(9,1320)	1:123:A:CYS:HB2	1:128:A:LEU:HD12	8	0.13
(9,1320)	1:123:A:CYS:HB2	1:128:A:LEU:HD13	8	0.13
(9,1158)	1:37:A:LEU:HA	1:37:A:LEU:HD11	15	0.13
(9,1158)	1:37:A:LEU:HA	1:37:A:LEU:HD12	15	0.13
(9,1158)	1:37:A:LEU:HA	1:37:A:LEU:HD13	15	0.13
(9,1152)	1:71:A:LYS:HA	1:71:A:LYS:HE2	3	0.13
(9,1152)	1:71:A:LYS:HA	1:71:A:LYS:HE3	3	0.13
(9,1120)	1:105:A:LYS:HA	1:105:A:LYS:HG2	9	0.13
(9,1083)	1:108:A:GLU:HB2	1:109:A:PRO:HD3	16	0.13
(9,1083)	1:108:A:GLU:HB2	1:109:A:PRO:HD3	17	0.13
(9,1076)	1:103:A:ARG:HB2	1:104:A:PHE:HA	5	0.13
(9,1076)	1:103:A:ARG:HB3	1:104:A:PHE:HA	5	0.13
(9,1066)	1:54:A:ARG:HA	1:58:A:ILE:HG13	2	0.13
(9,1032)	1:63:A:ILE:HG13	1:116:A:GLN:HB2	3	0.13
(9,1032)	1:63:A:ILE:HG13	1:116:A:GLN:HB3	3	0.13
(9,1029)	1:11:A:ILE:HG12	1:43:A:MET:HB3	9	0.13
(9,1017)	1:149:A:ALA:HB1	1:150:A:THR:HA	10	0.13
(9,1017)	1:149:A:ALA:HB2	1:150:A:THR:HA	10	0.13
(9,1017)	1:149:A:ALA:HB3	1:150:A:THR:HA	10	0.13
(9,1011)	1:66:A:THR:HG21	1:96:A:VAL:HA	11	0.13
(9,1011)	1:66:A:THR:HG22	1:96:A:VAL:HA	11	0.13
(9,1011)	1:66:A:THR:HG23	1:96:A:VAL:HA	11	0.13
(9,1008)	1:27:A:ARG:HB2	1:28:A:GLY:H	2	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,857)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	3	0.13
(9,857)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	3	0.13
(9,810)	1:64:A:LYS:H	1:98:A:ILE:HD11	19	0.13
(9,810)	1:64:A:LYS:H	1:98:A:ILE:HD12	19	0.13
(9,810)	1:64:A:LYS:H	1:98:A:ILE:HD13	19	0.13
(9,792)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	2	0.13
(9,792)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	2	0.13
(9,792)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	2	0.13
(9,792)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	2	0.13
(9,792)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	2	0.13
(9,792)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	2	0.13
(9,775)	1:101:A:ILE:HD11	1:116:A:GLN:HA	8	0.13
(9,775)	1:101:A:ILE:HD12	1:116:A:GLN:HA	8	0.13
(9,775)	1:101:A:ILE:HD13	1:116:A:GLN:HA	8	0.13
(9,692)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	3	0.13
(9,692)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	3	0.13
(9,692)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	3	0.13
(9,667)	1:116:A:GLN:HG3	1:117:A:VAL:H	1	0.13
(9,666)	1:101:A:ILE:HD11	1:116:A:GLN:H	1	0.13
(9,666)	1:101:A:ILE:HD12	1:116:A:GLN:H	1	0.13
(9,666)	1:101:A:ILE:HD13	1:116:A:GLN:H	1	0.13
(9,651)	1:101:A:ILE:H	1:104:A:PHE:HB3	9	0.13
(9,547)	1:60:A:LEU:HD11	1:61:A:SER:H	4	0.13
(9,547)	1:60:A:LEU:HD12	1:61:A:SER:H	4	0.13
(9,547)	1:60:A:LEU:HD13	1:61:A:SER:H	4	0.13
(9,547)	1:60:A:LEU:HD11	1:61:A:SER:H	9	0.13
(9,547)	1:60:A:LEU:HD12	1:61:A:SER:H	9	0.13
(9,547)	1:60:A:LEU:HD13	1:61:A:SER:H	9	0.13
(9,534)	1:70:A:LYS:HB2	1:72:A:PHE:H	1	0.13
(9,534)	1:70:A:LYS:HB3	1:72:A:PHE:H	1	0.13
(9,534)	1:70:A:LYS:HB2	1:72:A:PHE:H	7	0.13
(9,534)	1:70:A:LYS:HB3	1:72:A:PHE:H	7	0.13
(9,519)	1:67:A:PRO:HB2	1:71:A:LYS:H	13	0.13
(9,519)	1:67:A:PRO:HB3	1:71:A:LYS:H	13	0.13
(9,480)	1:103:A:ARG:H	1:103:A:ARG:HG2	11	0.13
(9,480)	1:103:A:ARG:H	1:103:A:ARG:HG3	11	0.13
(9,333)	1:46:A:ASN:H	1:48:A:ARG:HB2	1	0.13
(9,333)	1:46:A:ASN:H	1:48:A:ARG:HB3	1	0.13
(9,333)	1:46:A:ASN:H	1:48:A:ARG:HB2	6	0.13
(9,333)	1:46:A:ASN:H	1:48:A:ARG:HB3	6	0.13
(9,333)	1:46:A:ASN:H	1:48:A:ARG:HB2	17	0.13
(9,333)	1:46:A:ASN:H	1:48:A:ARG:HB3	17	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,279)	1:112:A:GLN:H	1:112:A:GLN:HE21	11	0.13
(9,237)	1:10:A:ASN:H	1:13:A:ALA:HB1	7	0.13
(9,237)	1:10:A:ASN:H	1:13:A:ALA:HB2	7	0.13
(9,237)	1:10:A:ASN:H	1:13:A:ALA:HB3	7	0.13
(9,207)	1:101:A:ILE:H	1:101:A:ILE:HB	3	0.13
(9,204)	1:99:A:PRO:HA	1:101:A:ILE:H	3	0.13
(9,150)	1:131:A:LEU:H	1:131:A:LEU:HG	12	0.13
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB1	3	0.13
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB2	3	0.13
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB3	3	0.13
(9,108)	1:69:A:MET:H	1:73:A:ILE:HD11	3	0.13
(9,108)	1:69:A:MET:H	1:73:A:ILE:HD12	3	0.13
(9,108)	1:69:A:MET:H	1:73:A:ILE:HD13	3	0.13
(9,108)	1:69:A:MET:H	1:73:A:ILE:HD11	17	0.13
(9,108)	1:69:A:MET:H	1:73:A:ILE:HD12	17	0.13
(9,108)	1:69:A:MET:H	1:73:A:ILE:HD13	17	0.13
(9,65)	1:81:A:GLU:H	1:81:A:GLU:HG2	16	0.13
(9,65)	1:81:A:GLU:H	1:81:A:GLU:HG3	16	0.13
(9,60)	1:117:A:VAL:H	1:118:A:ASP:HB2	9	0.13
(9,44)	1:98:A:ILE:H	1:99:A:PRO:HD3	3	0.13
(9,44)	1:98:A:ILE:H	1:99:A:PRO:HD3	9	0.13
(7,2331)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	17	0.13
(7,2331)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	17	0.13
(7,2331)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	17	0.13
(7,2331)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	17	0.13
(7,2272)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	6	0.13
(7,2272)	1:98:A:ILE:HG21	1:116:A:GLN:HG3	6	0.13
(7,2272)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	6	0.13
(7,2272)	1:98:A:ILE:HG22	1:116:A:GLN:HG3	6	0.13
(7,2272)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	6	0.13
(7,2272)	1:98:A:ILE:HG23	1:116:A:GLN:HG3	6	0.13
(7,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	1	0.13
(7,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	1	0.13
(7,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	1	0.13
(7,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	1	0.13
(7,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	1	0.13
(7,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	1	0.13
(7,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	1	0.13
(7,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	1	0.13
(7,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	1	0.13
(7,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	1	0.13
(7,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	1	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	1	0.13
(7,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	1	0.13
(7,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	1	0.13
(7,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	1	0.13
(7,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	1	0.13
(7,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	1	0.13
(7,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	1	0.13
(7,2248)	1:76:A:ARG:HD2	1:113:A:PHE:HZ	15	0.13
(7,2248)	1:76:A:ARG:HD3	1:113:A:PHE:HZ	15	0.13
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD1	6	0.13
(7,2193)	1:63:A:ILE:HG12	1:113:A:PHE:HD2	6	0.13
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD1	6	0.13
(7,2193)	1:63:A:ILE:HG13	1:113:A:PHE:HD2	6	0.13
(7,2184)	1:60:A:LEU:HD11	1:123:A:CYS:H	4	0.13
(7,2184)	1:60:A:LEU:HD12	1:123:A:CYS:H	4	0.13
(7,2184)	1:60:A:LEU:HD13	1:123:A:CYS:H	4	0.13
(7,2184)	1:60:A:LEU:HD21	1:123:A:CYS:H	4	0.13
(7,2184)	1:60:A:LEU:HD22	1:123:A:CYS:H	4	0.13
(7,2184)	1:60:A:LEU:HD23	1:123:A:CYS:H	4	0.13
(7,2149)	1:50:A:ALA:H	1:130:A:GLY:HA2	7	0.13
(7,2149)	1:50:A:ALA:H	1:130:A:GLY:HA3	7	0.13
(7,2085)	1:39:A:VAL:HG11	1:43:A:MET:HB2	16	0.13
(7,2085)	1:39:A:VAL:HG12	1:43:A:MET:HB2	16	0.13
(7,2085)	1:39:A:VAL:HG13	1:43:A:MET:HB2	16	0.13
(7,2085)	1:39:A:VAL:HG21	1:43:A:MET:HB2	16	0.13
(7,2085)	1:39:A:VAL:HG22	1:43:A:MET:HB2	16	0.13
(7,2085)	1:39:A:VAL:HG23	1:43:A:MET:HB2	16	0.13
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD11	12	0.13
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD12	12	0.13
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD13	12	0.13
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD21	12	0.13
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD22	12	0.13
(7,2065)	1:37:A:LEU:HA	1:40:A:LEU:HD23	12	0.13
(7,2047)	1:35:A:LEU:HD11	1:80:A:TYR:HB3	16	0.13
(7,2047)	1:35:A:LEU:HD12	1:80:A:TYR:HB3	16	0.13
(7,2047)	1:35:A:LEU:HD13	1:80:A:TYR:HB3	16	0.13
(7,2047)	1:35:A:LEU:HD21	1:80:A:TYR:HB3	16	0.13
(7,2047)	1:35:A:LEU:HD22	1:80:A:TYR:HB3	16	0.13
(7,2047)	1:35:A:LEU:HD23	1:80:A:TYR:HB3	16	0.13
(7,2000)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	4	0.13
(7,2000)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	4	0.13
(7,2000)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	4	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2000)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	4	0.13
(7,1998)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	14	0.13
(7,1998)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	14	0.13
(7,1998)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	14	0.13
(7,1998)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	14	0.13
(7,1998)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	14	0.13
(7,1998)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	14	0.13
(7,1998)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	14	0.13
(7,1998)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	14	0.13
(7,1998)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	14	0.13
(7,1998)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	14	0.13
(7,1998)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	14	0.13
(7,1998)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	14	0.13
(7,1990)	1:22:A:ASP:H	1:23:A:LEU:HD11	6	0.13
(7,1990)	1:22:A:ASP:H	1:23:A:LEU:HD12	6	0.13
(7,1990)	1:22:A:ASP:H	1:23:A:LEU:HD13	6	0.13
(7,1990)	1:22:A:ASP:H	1:23:A:LEU:HD21	6	0.13
(7,1990)	1:22:A:ASP:H	1:23:A:LEU:HD22	6	0.13
(7,1990)	1:22:A:ASP:H	1:23:A:LEU:HD23	6	0.13
(7,1942)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	19	0.13
(7,1942)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	19	0.13
(7,1942)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	19	0.13
(7,1942)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	19	0.13
(7,1942)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	19	0.13
(7,1942)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	19	0.13
(7,1942)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	19	0.13
(7,1942)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	19	0.13
(7,1942)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	19	0.13
(7,1942)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	19	0.13
(7,1942)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	19	0.13
(7,1942)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	19	0.13
(7,1906)	1:10:A:ASN:HB2	1:80:A:TYR:HE1	7	0.13
(7,1906)	1:10:A:ASN:HB2	1:80:A:TYR:HE2	7	0.13
(7,1906)	1:10:A:ASN:HB3	1:80:A:TYR:HE1	7	0.13
(7,1906)	1:10:A:ASN:HB3	1:80:A:TYR:HE2	7	0.13
(7,1821)	1:9:A:PHE:HD1	1:58:A:ILE:H	10	0.13
(7,1821)	1:9:A:PHE:HD2	1:58:A:ILE:H	10	0.13
(7,1803)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	1	0.13
(7,1803)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	1	0.13
(7,1786)	1:113:A:PHE:HD1	1:114:A:ILE:HD11	6	0.13
(7,1786)	1:113:A:PHE:HD1	1:114:A:ILE:HD12	6	0.13
(7,1786)	1:113:A:PHE:HD1	1:114:A:ILE:HD13	6	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1786)	1:113:A:PHE:HD2	1:114:A:ILE:HD11	6	0.13
(7,1786)	1:113:A:PHE:HD2	1:114:A:ILE:HD12	6	0.13
(7,1786)	1:113:A:PHE:HD2	1:114:A:ILE:HD13	6	0.13
(7,1775)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	1	0.13
(7,1775)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	1	0.13
(7,1775)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	1	0.13
(7,1775)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	1	0.13
(7,1775)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	1	0.13
(7,1775)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	1	0.13
(7,1757)	1:15:A:ALA:HA	1:18:A:PHE:HD1	1	0.13
(7,1757)	1:15:A:ALA:HA	1:18:A:PHE:HD2	1	0.13
(7,1727)	1:57:A:LEU:HG	1:60:A:LEU:HG	3	0.13
(7,1727)	1:57:A:LEU:HG	1:60:A:LEU:HG	9	0.13
(7,1701)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.13
(7,1701)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.13
(7,1701)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.13
(7,1700)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	15	0.13
(7,1700)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	15	0.13
(7,1700)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	15	0.13
(7,1691)	1:21:A:THR:HG21	1:22:A:ASP:HA	5	0.13
(7,1691)	1:21:A:THR:HG22	1:22:A:ASP:HA	5	0.13
(7,1691)	1:21:A:THR:HG23	1:22:A:ASP:HA	5	0.13
(7,1685)	1:79:A:THR:HG21	1:81:A:GLU:HB3	19	0.13
(7,1685)	1:79:A:THR:HG22	1:81:A:GLU:HB3	19	0.13
(7,1685)	1:79:A:THR:HG23	1:81:A:GLU:HB3	19	0.13
(7,1639)	1:107:A:LEU:H	1:111:A:GLU:HB2	14	0.13
(7,1639)	1:107:A:LEU:H	1:111:A:GLU:HB3	14	0.13
(7,1605)	1:113:A:PHE:HB3	1:114:A:ILE:HG21	6	0.13
(7,1605)	1:113:A:PHE:HB3	1:114:A:ILE:HG22	6	0.13
(7,1605)	1:113:A:PHE:HB3	1:114:A:ILE:HG23	6	0.13
(7,1599)	1:13:A:ALA:HA	1:80:A:TYR:HB3	14	0.13
(7,1580)	1:73:A:ILE:HG21	1:76:A:ARG:H	8	0.13
(7,1580)	1:73:A:ILE:HG22	1:76:A:ARG:H	8	0.13
(7,1580)	1:73:A:ILE:HG23	1:76:A:ARG:H	8	0.13
(7,1580)	1:73:A:ILE:HG21	1:76:A:ARG:H	16	0.13
(7,1580)	1:73:A:ILE:HG22	1:76:A:ARG:H	16	0.13
(7,1580)	1:73:A:ILE:HG23	1:76:A:ARG:H	16	0.13
(7,1579)	1:72:A:PHE:H	1:73:A:ILE:HG21	8	0.13
(7,1579)	1:72:A:PHE:H	1:73:A:ILE:HG22	8	0.13
(7,1579)	1:72:A:PHE:H	1:73:A:ILE:HG23	8	0.13
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG21	18	0.13
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG22	18	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG23	18	0.13
(7,1577)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	17	0.13
(7,1577)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	17	0.13
(7,1577)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	17	0.13
(7,1520)	1:76:A:ARG:HE	1:110:A:MET:HE1	18	0.13
(7,1520)	1:76:A:ARG:HE	1:110:A:MET:HE2	18	0.13
(7,1520)	1:76:A:ARG:HE	1:110:A:MET:HE3	18	0.13
(7,1518)	1:69:A:MET:HE1	1:73:A:ILE:HD11	8	0.13
(7,1518)	1:69:A:MET:HE1	1:73:A:ILE:HD12	8	0.13
(7,1518)	1:69:A:MET:HE1	1:73:A:ILE:HD13	8	0.13
(7,1518)	1:69:A:MET:HE2	1:73:A:ILE:HD11	8	0.13
(7,1518)	1:69:A:MET:HE2	1:73:A:ILE:HD12	8	0.13
(7,1518)	1:69:A:MET:HE2	1:73:A:ILE:HD13	8	0.13
(7,1518)	1:69:A:MET:HE3	1:73:A:ILE:HD11	8	0.13
(7,1518)	1:69:A:MET:HE3	1:73:A:ILE:HD12	8	0.13
(7,1518)	1:69:A:MET:HE3	1:73:A:ILE:HD13	8	0.13
(7,1517)	1:63:A:ILE:HG21	1:69:A:MET:HE1	13	0.13
(7,1517)	1:63:A:ILE:HG21	1:69:A:MET:HE2	13	0.13
(7,1517)	1:63:A:ILE:HG21	1:69:A:MET:HE3	13	0.13
(7,1517)	1:63:A:ILE:HG22	1:69:A:MET:HE1	13	0.13
(7,1517)	1:63:A:ILE:HG22	1:69:A:MET:HE2	13	0.13
(7,1517)	1:63:A:ILE:HG22	1:69:A:MET:HE3	13	0.13
(7,1517)	1:63:A:ILE:HG23	1:69:A:MET:HE1	13	0.13
(7,1517)	1:63:A:ILE:HG23	1:69:A:MET:HE2	13	0.13
(7,1517)	1:63:A:ILE:HG23	1:69:A:MET:HE3	13	0.13
(7,1513)	1:66:A:THR:HG21	1:69:A:MET:HE1	10	0.13
(7,1513)	1:66:A:THR:HG21	1:69:A:MET:HE2	10	0.13
(7,1513)	1:66:A:THR:HG21	1:69:A:MET:HE3	10	0.13
(7,1513)	1:66:A:THR:HG22	1:69:A:MET:HE1	10	0.13
(7,1513)	1:66:A:THR:HG22	1:69:A:MET:HE2	10	0.13
(7,1513)	1:66:A:THR:HG22	1:69:A:MET:HE3	10	0.13
(7,1513)	1:66:A:THR:HG23	1:69:A:MET:HE1	10	0.13
(7,1513)	1:66:A:THR:HG23	1:69:A:MET:HE2	10	0.13
(7,1513)	1:66:A:THR:HG23	1:69:A:MET:HE3	10	0.13
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	15	0.13
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	15	0.13
(7,1466)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	15	0.13
(7,1457)	1:101:A:ILE:HG21	1:116:A:GLN:H	10	0.13
(7,1457)	1:101:A:ILE:HG22	1:116:A:GLN:H	10	0.13
(7,1457)	1:101:A:ILE:HG23	1:116:A:GLN:H	10	0.13
(7,1453)	1:101:A:ILE:HG21	1:115:A:ALA:H	6	0.13
(7,1453)	1:101:A:ILE:HG22	1:115:A:ALA:H	6	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1453)	1:101:A:ILE:HG23	1:115:A:ALA:H	6	0.13
(7,1453)	1:101:A:ILE:HG21	1:115:A:ALA:H	7	0.13
(7,1453)	1:101:A:ILE:HG22	1:115:A:ALA:H	7	0.13
(7,1453)	1:101:A:ILE:HG23	1:115:A:ALA:H	7	0.13
(7,1385)	1:129:A:LYS:HA	1:132:A:ALA:HB1	18	0.13
(7,1385)	1:129:A:LYS:HA	1:132:A:ALA:HB2	18	0.13
(7,1385)	1:129:A:LYS:HA	1:132:A:ALA:HB3	18	0.13
(7,1377)	1:9:A:PHE:HE1	1:11:A:ILE:HG21	2	0.13
(7,1377)	1:9:A:PHE:HE1	1:11:A:ILE:HG22	2	0.13
(7,1377)	1:9:A:PHE:HE1	1:11:A:ILE:HG23	2	0.13
(7,1377)	1:9:A:PHE:HE2	1:11:A:ILE:HG21	2	0.13
(7,1377)	1:9:A:PHE:HE2	1:11:A:ILE:HG22	2	0.13
(7,1377)	1:9:A:PHE:HE2	1:11:A:ILE:HG23	2	0.13
(7,1363)	1:107:A:LEU:HD11	1:111:A:GLU:HB2	7	0.13
(7,1363)	1:107:A:LEU:HD11	1:111:A:GLU:HB3	7	0.13
(7,1363)	1:107:A:LEU:HD12	1:111:A:GLU:HB2	7	0.13
(7,1363)	1:107:A:LEU:HD12	1:111:A:GLU:HB3	7	0.13
(7,1363)	1:107:A:LEU:HD13	1:111:A:GLU:HB2	7	0.13
(7,1363)	1:107:A:LEU:HD13	1:111:A:GLU:HB3	7	0.13
(7,1345)	1:119:A:LEU:HB2	1:121:A:VAL:HG11	15	0.13
(7,1345)	1:119:A:LEU:HB2	1:121:A:VAL:HG12	15	0.13
(7,1345)	1:119:A:LEU:HB2	1:121:A:VAL:HG13	15	0.13
(7,1332)	1:73:A:ILE:HB	1:76:A:ARG:HA	3	0.13
(7,1321)	1:105:A:LYS:HD2	1:106:A:ASP:HA	3	0.13
(7,1321)	1:105:A:LYS:HD3	1:106:A:ASP:HA	3	0.13
(7,1226)	1:37:A:LEU:H	1:37:A:LEU:HD11	14	0.13
(7,1226)	1:37:A:LEU:H	1:37:A:LEU:HD12	14	0.13
(7,1226)	1:37:A:LEU:H	1:37:A:LEU:HD13	14	0.13
(7,1123)	1:80:A:TYR:HA	1:80:A:TYR:HE1	1	0.13
(7,1123)	1:80:A:TYR:HA	1:80:A:TYR:HE2	1	0.13
(7,1123)	1:80:A:TYR:HA	1:80:A:TYR:HE1	6	0.13
(7,1123)	1:80:A:TYR:HA	1:80:A:TYR:HE2	6	0.13
(7,1065)	1:101:A:ILE:HG21	1:112:A:GLN:HA	3	0.13
(7,1065)	1:101:A:ILE:HG22	1:112:A:GLN:HA	3	0.13
(7,1065)	1:101:A:ILE:HG23	1:112:A:GLN:HA	3	0.13
(7,1053)	1:54:A:ARG:HA	1:57:A:LEU:HD21	10	0.13
(7,1053)	1:54:A:ARG:HA	1:57:A:LEU:HD22	10	0.13
(7,1053)	1:54:A:ARG:HA	1:57:A:LEU:HD23	10	0.13
(7,1047)	1:54:A:ARG:HA	1:58:A:ILE:HG13	18	0.13
(7,1001)	1:149:A:ALA:HB1	1:150:A:THR:HA	10	0.13
(7,1001)	1:149:A:ALA:HB2	1:150:A:THR:HA	10	0.13
(7,1001)	1:149:A:ALA:HB3	1:150:A:THR:HA	10	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,998)	1:34:A:LYS:H	1:81:A:GLU:HB2	12	0.13
(7,976)	1:63:A:ILE:HA	1:64:A:LYS:HD2	17	0.13
(7,976)	1:63:A:ILE:HA	1:64:A:LYS:HD3	17	0.13
(7,973)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	1	0.13
(7,973)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	1	0.13
(7,877)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	17	0.13
(7,877)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	17	0.13
(7,877)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	17	0.13
(7,804)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	10	0.13
(7,804)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	10	0.13
(7,804)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	10	0.13
(7,804)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	10	0.13
(7,804)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	10	0.13
(7,804)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	10	0.13
(7,768)	1:101:A:ILE:HD11	1:116:A:GLN:HA	8	0.13
(7,768)	1:101:A:ILE:HD12	1:116:A:GLN:HA	8	0.13
(7,768)	1:101:A:ILE:HD13	1:116:A:GLN:HA	8	0.13
(7,766)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	6	0.13
(7,766)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	6	0.13
(7,766)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	6	0.13
(7,766)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	6	0.13
(7,766)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	6	0.13
(7,766)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	6	0.13
(7,765)	1:101:A:ILE:HD11	1:115:A:ALA:H	7	0.13
(7,765)	1:101:A:ILE:HD12	1:115:A:ALA:H	7	0.13
(7,765)	1:101:A:ILE:HD13	1:115:A:ALA:H	7	0.13
(7,765)	1:101:A:ILE:HD11	1:115:A:ALA:H	18	0.13
(7,765)	1:101:A:ILE:HD12	1:115:A:ALA:H	18	0.13
(7,765)	1:101:A:ILE:HD13	1:115:A:ALA:H	18	0.13
(7,761)	1:73:A:ILE:HD11	1:113:A:PHE:HD1	4	0.13
(7,761)	1:73:A:ILE:HD11	1:113:A:PHE:HD2	4	0.13
(7,761)	1:73:A:ILE:HD12	1:113:A:PHE:HD1	4	0.13
(7,761)	1:73:A:ILE:HD12	1:113:A:PHE:HD2	4	0.13
(7,761)	1:73:A:ILE:HD13	1:113:A:PHE:HD1	4	0.13
(7,761)	1:73:A:ILE:HD13	1:113:A:PHE:HD2	4	0.13
(7,669)	1:124:A:THR:H	1:126:A:GLY:H	3	0.13
(7,667)	1:101:A:ILE:HD11	1:116:A:GLN:H	1	0.13
(7,667)	1:101:A:ILE:HD12	1:116:A:GLN:H	1	0.13
(7,667)	1:101:A:ILE:HD13	1:116:A:GLN:H	1	0.13
(7,618)	1:118:A:ASP:H	1:120:A:CYS:H	6	0.13
(7,514)	1:105:A:LYS:H	1:106:A:ASP:HB3	8	0.13
(7,500)	1:105:A:LYS:H	1:105:A:LYS:HG3	10	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,500)	1:105:A:LYS:H	1:105:A:LYS:HG2	10	0.13
(7,471)	1:12:A:VAL:HG11	1:14:A:VAL:H	4	0.13
(7,471)	1:12:A:VAL:HG12	1:14:A:VAL:H	4	0.13
(7,471)	1:12:A:VAL:HG13	1:14:A:VAL:H	4	0.13
(7,471)	1:12:A:VAL:HG11	1:14:A:VAL:H	9	0.13
(7,471)	1:12:A:VAL:HG12	1:14:A:VAL:H	9	0.13
(7,471)	1:12:A:VAL:HG13	1:14:A:VAL:H	9	0.13
(7,297)	1:128:A:LEU:HB3	1:129:A:LYS:H	5	0.13
(7,274)	1:112:A:GLN:H	1:112:A:GLN:HE21	11	0.13
(7,269)	1:108:A:GLU:H	1:112:A:GLN:H	3	0.13
(7,269)	1:108:A:GLU:H	1:112:A:GLN:H	18	0.13
(7,206)	1:101:A:ILE:H	1:101:A:ILE:HB	3	0.13
(7,202)	1:99:A:PRO:HA	1:101:A:ILE:H	3	0.13
(7,151)	1:138:A:ASP:H	1:140:A:LEU:HB2	3	0.13
(7,150)	1:131:A:LEU:H	1:131:A:LEU:HG	5	0.13
(7,108)	1:69:A:MET:H	1:73:A:ILE:HD11	3	0.13
(7,108)	1:69:A:MET:H	1:73:A:ILE:HD12	3	0.13
(7,108)	1:69:A:MET:H	1:73:A:ILE:HD13	3	0.13
(7,108)	1:69:A:MET:H	1:73:A:ILE:HD11	17	0.13
(7,108)	1:69:A:MET:H	1:73:A:ILE:HD12	17	0.13
(7,108)	1:69:A:MET:H	1:73:A:ILE:HD13	17	0.13
(7,77)	1:28:A:GLY:HA2	1:30:A:LEU:H	15	0.13
(7,77)	1:28:A:GLY:HA3	1:30:A:LEU:H	15	0.13
(7,68)	1:44:A:GLU:HB2	1:45:A:ALA:H	15	0.13
(7,68)	1:44:A:GLU:HB3	1:45:A:ALA:H	15	0.13
(7,58)	1:117:A:VAL:H	1:118:A:ASP:HB2	9	0.13
(6,2420)	1:132:A:ALA:HB1	1:133:A:ASN:HB2	7	0.13
(6,2420)	1:132:A:ALA:HB1	1:133:A:ASN:HB3	7	0.13
(6,2420)	1:132:A:ALA:HB2	1:133:A:ASN:HB2	7	0.13
(6,2420)	1:132:A:ALA:HB2	1:133:A:ASN:HB3	7	0.13
(6,2420)	1:132:A:ALA:HB3	1:133:A:ASN:HB2	7	0.13
(6,2420)	1:132:A:ALA:HB3	1:133:A:ASN:HB3	7	0.13
(6,2330)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	5	0.13
(6,2330)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	5	0.13
(6,2330)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	5	0.13
(6,2330)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	5	0.13
(6,2330)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	5	0.13
(6,2330)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	5	0.13
(6,2330)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	5	0.13
(6,2330)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	5	0.13
(6,2330)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	5	0.13
(6,2330)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	5	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2330)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	5	0.13
(6,2330)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	5	0.13
(6,2330)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	6	0.13
(6,2330)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	6	0.13
(6,2330)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	6	0.13
(6,2330)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	6	0.13
(6,2330)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	6	0.13
(6,2330)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	6	0.13
(6,2330)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	6	0.13
(6,2330)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	6	0.13
(6,2330)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	6	0.13
(6,2330)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	6	0.13
(6,2330)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	6	0.13
(6,2330)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	6	0.13
(6,2321)	1:105:A:LYS:HG2	1:106:A:ASP:HA	8	0.13
(6,2321)	1:105:A:LYS:HG3	1:106:A:ASP:HA	8	0.13
(6,2290)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	1	0.13
(6,2290)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	1	0.13
(6,2290)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	1	0.13
(6,2290)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	1	0.13
(6,2290)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	1	0.13
(6,2290)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	1	0.13
(6,2290)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	1	0.13
(6,2290)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	1	0.13
(6,2290)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	1	0.13
(6,2290)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	1	0.13
(6,2290)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	1	0.13
(6,2290)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	1	0.13
(6,2290)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	1	0.13
(6,2290)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	1	0.13
(6,2290)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	1	0.13
(6,2290)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	1	0.13
(6,2290)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	1	0.13
(6,2290)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	1	0.13
(6,2261)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	19	0.13
(6,2261)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	19	0.13
(6,2213)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	5	0.13
(6,2213)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	5	0.13
(6,2213)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	5	0.13
(6,2213)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	5	0.13
(6,2213)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	5	0.13
(6,2213)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	5	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2143)	1:43:A:MET:HB2	1:140:A:LEU:HG	18	0.13
(6,2143)	1:43:A:MET:HB3	1:140:A:LEU:HG	18	0.13
(6,2119)	1:39:A:VAL:HG11	1:144:A:LEU:H	9	0.13
(6,2119)	1:39:A:VAL:HG12	1:144:A:LEU:H	9	0.13
(6,2119)	1:39:A:VAL:HG13	1:144:A:LEU:H	9	0.13
(6,2119)	1:39:A:VAL:HG21	1:144:A:LEU:H	9	0.13
(6,2119)	1:39:A:VAL:HG22	1:144:A:LEU:H	9	0.13
(6,2119)	1:39:A:VAL:HG23	1:144:A:LEU:H	9	0.13
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD11	5	0.13
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD12	5	0.13
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD13	5	0.13
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD21	5	0.13
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD22	5	0.13
(6,2091)	1:38:A:GLU:H	1:40:A:LEU:HD23	5	0.13
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD11	12	0.13
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD12	12	0.13
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD13	12	0.13
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD21	12	0.13
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD22	12	0.13
(6,2089)	1:37:A:LEU:HA	1:40:A:LEU:HD23	12	0.13
(6,2085)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	12	0.13
(6,2085)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	12	0.13
(6,2085)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	12	0.13
(6,2085)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	12	0.13
(6,2085)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	12	0.13
(6,2085)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	12	0.13
(6,2079)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	18	0.13
(6,2079)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	18	0.13
(6,2079)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	18	0.13
(6,2079)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	18	0.13
(6,2079)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	18	0.13
(6,2079)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	18	0.13
(6,2065)	1:35:A:LEU:H	1:35:A:LEU:HD11	3	0.13
(6,2065)	1:35:A:LEU:H	1:35:A:LEU:HD12	3	0.13
(6,2065)	1:35:A:LEU:H	1:35:A:LEU:HD13	3	0.13
(6,2065)	1:35:A:LEU:H	1:35:A:LEU:HD21	3	0.13
(6,2065)	1:35:A:LEU:H	1:35:A:LEU:HD22	3	0.13
(6,2065)	1:35:A:LEU:H	1:35:A:LEU:HD23	3	0.13
(6,2047)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	7	0.13
(6,2047)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	7	0.13
(6,2047)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	7	0.13
(6,2047)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	7	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2047)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	7	0.13
(6,2047)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	7	0.13
(6,2047)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	7	0.13
(6,2047)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	7	0.13
(6,2047)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	7	0.13
(6,2047)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	7	0.13
(6,2047)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	7	0.13
(6,2047)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	7	0.13
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	17	0.13
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	17	0.13
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	17	0.13
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	17	0.13
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	17	0.13
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	17	0.13
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	17	0.13
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	17	0.13
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	17	0.13
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	17	0.13
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	17	0.13
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	17	0.13
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	17	0.13
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	17	0.13
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	17	0.13
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	17	0.13
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	17	0.13
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	17	0.13
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	17	0.13
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	17	0.13
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	17	0.13
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	17	0.13
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	17	0.13
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	17	0.13
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	17	0.13
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	17	0.13
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	17	0.13
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	17	0.13
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	17	0.13
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	17	0.13
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	17	0.13
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	17	0.13
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	17	0.13
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	17	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	17	0.13
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	17	0.13
(6,2008)	1:14:A:VAL:HG11	1:61:A:SER:HA	7	0.13
(6,2008)	1:14:A:VAL:HG12	1:61:A:SER:HA	7	0.13
(6,2008)	1:14:A:VAL:HG13	1:61:A:SER:HA	7	0.13
(6,2008)	1:14:A:VAL:HG21	1:61:A:SER:HA	7	0.13
(6,2008)	1:14:A:VAL:HG22	1:61:A:SER:HA	7	0.13
(6,2008)	1:14:A:VAL:HG23	1:61:A:SER:HA	7	0.13
(6,2003)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	19	0.13
(6,2003)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	19	0.13
(6,2003)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	19	0.13
(6,2003)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	19	0.13
(6,2003)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	19	0.13
(6,2003)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	19	0.13
(6,2003)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	19	0.13
(6,2003)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	19	0.13
(6,2003)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	19	0.13
(6,2003)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	19	0.13
(6,2003)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	19	0.13
(6,2003)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	19	0.13
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD11	12	0.13
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD12	12	0.13
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD13	12	0.13
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD21	12	0.13
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD22	12	0.13
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD23	12	0.13
(6,1991)	1:13:A:ALA:HB1	1:16:A:SER:HB2	12	0.13
(6,1991)	1:13:A:ALA:HB1	1:16:A:SER:HB3	12	0.13
(6,1991)	1:13:A:ALA:HB2	1:16:A:SER:HB2	12	0.13
(6,1991)	1:13:A:ALA:HB2	1:16:A:SER:HB3	12	0.13
(6,1991)	1:13:A:ALA:HB3	1:16:A:SER:HB2	12	0.13
(6,1991)	1:13:A:ALA:HB3	1:16:A:SER:HB3	12	0.13
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD11	16	0.13
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD12	16	0.13
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD13	16	0.13
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD21	16	0.13
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD22	16	0.13
(6,1968)	1:11:A:ILE:HG13	1:131:A:LEU:HD23	16	0.13
(6,1912)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	3	0.13
(6,1912)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	3	0.13
(6,1912)	1:113:A:PHE:HE1	1:114:A:ILE:HG12	3	0.13
(6,1912)	1:113:A:PHE:HE2	1:114:A:ILE:HG12	3	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1797)	1:15:A:ALA:HA	1:18:A:PHE:HD1	1	0.13
(6,1797)	1:15:A:ALA:HA	1:18:A:PHE:HD2	1	0.13
(6,1780)	1:101:A:ILE:HG21	1:102:A:PRO:HA	3	0.13
(6,1780)	1:101:A:ILE:HG22	1:102:A:PRO:HA	3	0.13
(6,1780)	1:101:A:ILE:HG23	1:102:A:PRO:HA	3	0.13
(6,1770)	1:66:A:THR:HG21	1:97:A:ASP:HA	12	0.13
(6,1770)	1:66:A:THR:HG22	1:97:A:ASP:HA	12	0.13
(6,1770)	1:66:A:THR:HG23	1:97:A:ASP:HA	12	0.13
(6,1770)	1:66:A:THR:HG21	1:97:A:ASP:HA	16	0.13
(6,1770)	1:66:A:THR:HG22	1:97:A:ASP:HA	16	0.13
(6,1770)	1:66:A:THR:HG23	1:97:A:ASP:HA	16	0.13
(6,1743)	1:105:A:LYS:H	1:105:A:LYS:HG3	13	0.13
(6,1735)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.13
(6,1735)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.13
(6,1735)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.13
(6,1705)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	11	0.13
(6,1671)	1:107:A:LEU:H	1:111:A:GLU:HB2	14	0.13
(6,1671)	1:107:A:LEU:H	1:111:A:GLU:HB3	14	0.13
(6,1652)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	18	0.13
(6,1652)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	18	0.13
(6,1652)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	18	0.13
(6,1652)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	18	0.13
(6,1652)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	18	0.13
(6,1652)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	18	0.13
(6,1627)	1:79:A:THR:H	1:80:A:TYR:HA	3	0.13
(6,1625)	1:13:A:ALA:HA	1:80:A:TYR:HB3	14	0.13
(6,1606)	1:73:A:ILE:HG21	1:76:A:ARG:H	8	0.13
(6,1606)	1:73:A:ILE:HG22	1:76:A:ARG:H	8	0.13
(6,1606)	1:73:A:ILE:HG23	1:76:A:ARG:H	8	0.13
(6,1606)	1:73:A:ILE:HG21	1:76:A:ARG:H	16	0.13
(6,1606)	1:73:A:ILE:HG22	1:76:A:ARG:H	16	0.13
(6,1606)	1:73:A:ILE:HG23	1:76:A:ARG:H	16	0.13
(6,1605)	1:72:A:PHE:H	1:73:A:ILE:HG21	8	0.13
(6,1605)	1:72:A:PHE:H	1:73:A:ILE:HG22	8	0.13
(6,1605)	1:72:A:PHE:H	1:73:A:ILE:HG23	8	0.13
(6,1598)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	7	0.13
(6,1598)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	7	0.13
(6,1598)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	7	0.13
(6,1585)	1:98:A:ILE:HG21	1:116:A:GLN:H	15	0.13
(6,1585)	1:98:A:ILE:HG22	1:116:A:GLN:H	15	0.13
(6,1585)	1:98:A:ILE:HG23	1:116:A:GLN:H	15	0.13
(6,1551)	1:38:A:GLU:HA	1:139:A:LEU:HD21	13	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1551)	1:38:A:GLU:HA	1:139:A:LEU:HD22	13	0.13
(6,1551)	1:38:A:GLU:HA	1:139:A:LEU:HD23	13	0.13
(6,1533)	1:69:A:MET:HE1	1:73:A:ILE:HD11	8	0.13
(6,1533)	1:69:A:MET:HE1	1:73:A:ILE:HD12	8	0.13
(6,1533)	1:69:A:MET:HE1	1:73:A:ILE:HD13	8	0.13
(6,1533)	1:69:A:MET:HE2	1:73:A:ILE:HD11	8	0.13
(6,1533)	1:69:A:MET:HE2	1:73:A:ILE:HD12	8	0.13
(6,1533)	1:69:A:MET:HE2	1:73:A:ILE:HD13	8	0.13
(6,1533)	1:69:A:MET:HE3	1:73:A:ILE:HD11	8	0.13
(6,1533)	1:69:A:MET:HE3	1:73:A:ILE:HD12	8	0.13
(6,1533)	1:69:A:MET:HE3	1:73:A:ILE:HD13	8	0.13
(6,1532)	1:63:A:ILE:HG21	1:69:A:MET:HE1	13	0.13
(6,1532)	1:63:A:ILE:HG21	1:69:A:MET:HE2	13	0.13
(6,1532)	1:63:A:ILE:HG21	1:69:A:MET:HE3	13	0.13
(6,1532)	1:63:A:ILE:HG22	1:69:A:MET:HE1	13	0.13
(6,1532)	1:63:A:ILE:HG22	1:69:A:MET:HE2	13	0.13
(6,1532)	1:63:A:ILE:HG22	1:69:A:MET:HE3	13	0.13
(6,1532)	1:63:A:ILE:HG23	1:69:A:MET:HE1	13	0.13
(6,1532)	1:63:A:ILE:HG23	1:69:A:MET:HE2	13	0.13
(6,1532)	1:63:A:ILE:HG23	1:69:A:MET:HE3	13	0.13
(6,1522)	1:110:A:MET:HE1	1:113:A:PHE:HA	2	0.13
(6,1522)	1:110:A:MET:HE2	1:113:A:PHE:HA	2	0.13
(6,1522)	1:110:A:MET:HE3	1:113:A:PHE:HA	2	0.13
(6,1512)	1:65:A:CYS:H	1:69:A:MET:HE1	18	0.13
(6,1512)	1:65:A:CYS:H	1:69:A:MET:HE2	18	0.13
(6,1512)	1:65:A:CYS:H	1:69:A:MET:HE3	18	0.13
(6,1505)	1:43:A:MET:HE1	1:46:A:ASN:HB2	19	0.13
(6,1505)	1:43:A:MET:HE2	1:46:A:ASN:HB2	19	0.13
(6,1505)	1:43:A:MET:HE3	1:46:A:ASN:HB2	19	0.13
(6,1485)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	7	0.13
(6,1485)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	7	0.13
(6,1485)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	7	0.13
(6,1485)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	7	0.13
(6,1485)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	7	0.13
(6,1485)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	7	0.13
(6,1485)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	7	0.13
(6,1485)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	7	0.13
(6,1485)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	7	0.13
(6,1378)	1:49:A:LYS:HG2	1:50:A:ALA:HA	19	0.13
(6,1378)	1:49:A:LYS:HG3	1:50:A:ALA:HA	19	0.13
(6,1337)	1:117:A:VAL:HG21	1:118:A:ASP:H	3	0.13
(6,1337)	1:117:A:VAL:HG22	1:118:A:ASP:H	3	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1337)	1:117:A:VAL:HG23	1:118:A:ASP:H	3	0.13
(6,1332)	1:131:A:LEU:H	1:131:A:LEU:HD21	2	0.13
(6,1332)	1:131:A:LEU:H	1:131:A:LEU:HD22	2	0.13
(6,1332)	1:131:A:LEU:H	1:131:A:LEU:HD23	2	0.13
(6,1259)	1:113:A:PHE:HE1	1:117:A:VAL:HG11	4	0.13
(6,1259)	1:113:A:PHE:HE1	1:117:A:VAL:HG12	4	0.13
(6,1259)	1:113:A:PHE:HE1	1:117:A:VAL:HG13	4	0.13
(6,1259)	1:113:A:PHE:HE2	1:117:A:VAL:HG11	4	0.13
(6,1259)	1:113:A:PHE:HE2	1:117:A:VAL:HG12	4	0.13
(6,1259)	1:113:A:PHE:HE2	1:117:A:VAL:HG13	4	0.13
(6,1256)	1:15:A:ALA:HA	1:131:A:LEU:HB2	10	0.13
(6,1255)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	1	0.13
(6,1255)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	1	0.13
(6,1255)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	1	0.13
(6,1255)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	1	0.13
(6,1255)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	1	0.13
(6,1255)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	1	0.13
(6,1251)	1:23:A:LEU:HA	1:23:A:LEU:HD11	11	0.13
(6,1251)	1:23:A:LEU:HA	1:23:A:LEU:HD12	11	0.13
(6,1251)	1:23:A:LEU:HA	1:23:A:LEU:HD13	11	0.13
(6,1241)	1:37:A:LEU:H	1:37:A:LEU:HD11	14	0.13
(6,1241)	1:37:A:LEU:H	1:37:A:LEU:HD12	14	0.13
(6,1241)	1:37:A:LEU:H	1:37:A:LEU:HD13	14	0.13
(6,1222)	1:140:A:LEU:HA	1:144:A:LEU:HD11	7	0.13
(6,1222)	1:140:A:LEU:HA	1:144:A:LEU:HD12	7	0.13
(6,1222)	1:140:A:LEU:HA	1:144:A:LEU:HD13	7	0.13
(6,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD21	5	0.13
(6,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD22	5	0.13
(6,1185)	1:23:A:LEU:HA	1:23:A:LEU:HD23	5	0.13
(6,1134)	1:80:A:TYR:HA	1:80:A:TYR:HE1	1	0.13
(6,1134)	1:80:A:TYR:HA	1:80:A:TYR:HE2	1	0.13
(6,1134)	1:80:A:TYR:HA	1:80:A:TYR:HE1	6	0.13
(6,1134)	1:80:A:TYR:HA	1:80:A:TYR:HE2	6	0.13
(6,1069)	1:108:A:GLU:HB2	1:109:A:PRO:HD3	16	0.13
(6,1069)	1:108:A:GLU:HB2	1:109:A:PRO:HD3	17	0.13
(6,1056)	1:11:A:ILE:HG12	1:44:A:GLU:HA	11	0.13
(6,1053)	1:54:A:ARG:HA	1:58:A:ILE:HG13	2	0.13
(6,1020)	1:63:A:ILE:HG13	1:116:A:GLN:HB2	3	0.13
(6,1020)	1:63:A:ILE:HG13	1:116:A:GLN:HB3	3	0.13
(6,919)	1:81:A:GLU:HA	1:81:A:GLU:HG2	17	0.13
(6,919)	1:81:A:GLU:HA	1:81:A:GLU:HG3	17	0.13
(6,919)	1:81:A:GLU:HA	1:81:A:GLU:HG2	18	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,919)	1:81:A:GLU:HA	1:81:A:GLU:HG3	18	0.13
(6,882)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	17	0.13
(6,882)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	17	0.13
(6,882)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	17	0.13
(6,808)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	10	0.13
(6,808)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	10	0.13
(6,808)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	10	0.13
(6,808)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	10	0.13
(6,808)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	10	0.13
(6,808)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	10	0.13
(6,807)	1:64:A:LYS:H	1:98:A:ILE:HD11	19	0.13
(6,807)	1:64:A:LYS:H	1:98:A:ILE:HD12	19	0.13
(6,807)	1:64:A:LYS:H	1:98:A:ILE:HD13	19	0.13
(6,787)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	2	0.13
(6,787)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	2	0.13
(6,787)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	2	0.13
(6,787)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	2	0.13
(6,787)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	2	0.13
(6,787)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	2	0.13
(6,786)	1:63:A:ILE:HD11	1:69:A:MET:HE1	8	0.13
(6,786)	1:63:A:ILE:HD11	1:69:A:MET:HE2	8	0.13
(6,786)	1:63:A:ILE:HD11	1:69:A:MET:HE3	8	0.13
(6,786)	1:63:A:ILE:HD12	1:69:A:MET:HE1	8	0.13
(6,786)	1:63:A:ILE:HD12	1:69:A:MET:HE2	8	0.13
(6,786)	1:63:A:ILE:HD12	1:69:A:MET:HE3	8	0.13
(6,786)	1:63:A:ILE:HD13	1:69:A:MET:HE1	8	0.13
(6,786)	1:63:A:ILE:HD13	1:69:A:MET:HE2	8	0.13
(6,786)	1:63:A:ILE:HD13	1:69:A:MET:HE3	8	0.13
(6,786)	1:63:A:ILE:HD11	1:69:A:MET:HE1	13	0.13
(6,786)	1:63:A:ILE:HD11	1:69:A:MET:HE2	13	0.13
(6,786)	1:63:A:ILE:HD11	1:69:A:MET:HE3	13	0.13
(6,786)	1:63:A:ILE:HD12	1:69:A:MET:HE1	13	0.13
(6,786)	1:63:A:ILE:HD12	1:69:A:MET:HE2	13	0.13
(6,786)	1:63:A:ILE:HD12	1:69:A:MET:HE3	13	0.13
(6,786)	1:63:A:ILE:HD13	1:69:A:MET:HE1	13	0.13
(6,786)	1:63:A:ILE:HD13	1:69:A:MET:HE2	13	0.13
(6,786)	1:63:A:ILE:HD13	1:69:A:MET:HE3	13	0.13
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	19	0.13
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	19	0.13
(6,773)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	19	0.13
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	19	0.13
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	19	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,773)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	19	0.13
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	19	0.13
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	19	0.13
(6,773)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	19	0.13
(6,770)	1:101:A:ILE:HD11	1:116:A:GLN:HA	8	0.13
(6,770)	1:101:A:ILE:HD12	1:116:A:GLN:HA	8	0.13
(6,770)	1:101:A:ILE:HD13	1:116:A:GLN:HA	8	0.13
(6,768)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	6	0.13
(6,768)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	6	0.13
(6,768)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	6	0.13
(6,768)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	6	0.13
(6,768)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	6	0.13
(6,768)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	6	0.13
(6,742)	1:147:A:ARG:HA	1:147:A:ARG:HE	4	0.13
(6,710)	1:48:A:ARG:HE	1:49:A:LYS:H	10	0.13
(6,710)	1:48:A:ARG:HE	1:49:A:LYS:H	12	0.13
(6,668)	1:124:A:THR:H	1:126:A:GLY:H	3	0.13
(6,664)	1:63:A:ILE:HG12	1:117:A:VAL:H	8	0.13
(6,648)	1:101:A:ILE:H	1:104:A:PHE:HB3	9	0.13
(6,616)	1:96:A:VAL:H	1:97:A:ASP:H	8	0.13
(6,616)	1:96:A:VAL:H	1:97:A:ASP:H	19	0.13
(6,613)	1:118:A:ASP:H	1:120:A:CYS:H	6	0.13
(6,605)	1:47:A:ALA:HB1	1:51:A:GLY:H	2	0.13
(6,605)	1:47:A:ALA:HB2	1:51:A:GLY:H	2	0.13
(6,605)	1:47:A:ALA:HB3	1:51:A:GLY:H	2	0.13
(6,538)	1:60:A:LEU:HD11	1:61:A:SER:H	4	0.13
(6,538)	1:60:A:LEU:HD12	1:61:A:SER:H	4	0.13
(6,538)	1:60:A:LEU:HD13	1:61:A:SER:H	4	0.13
(6,538)	1:60:A:LEU:HD11	1:61:A:SER:H	9	0.13
(6,538)	1:60:A:LEU:HD12	1:61:A:SER:H	9	0.13
(6,538)	1:60:A:LEU:HD13	1:61:A:SER:H	9	0.13
(6,510)	1:67:A:PRO:HB2	1:71:A:LYS:H	13	0.13
(6,510)	1:67:A:PRO:HB3	1:71:A:LYS:H	13	0.13
(6,509)	1:105:A:LYS:H	1:106:A:ASP:HB3	8	0.13
(6,321)	1:46:A:ASN:H	1:49:A:LYS:HB2	4	0.13
(6,321)	1:46:A:ASN:H	1:49:A:LYS:HB3	4	0.13
(6,263)	1:144:A:LEU:H	1:144:A:LEU:HD21	16	0.13
(6,263)	1:144:A:LEU:H	1:144:A:LEU:HD22	16	0.13
(6,263)	1:144:A:LEU:H	1:144:A:LEU:HD23	16	0.13
(6,203)	1:101:A:ILE:H	1:101:A:ILE:HB	3	0.13
(6,200)	1:99:A:PRO:HA	1:101:A:ILE:H	3	0.13
(6,108)	1:69:A:MET:H	1:73:A:ILE:HD11	3	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,108)	1:69:A:MET:H	1:73:A:ILE:HD12	3	0.13
(6,108)	1:69:A:MET:H	1:73:A:ILE:HD13	3	0.13
(6,108)	1:69:A:MET:H	1:73:A:ILE:HD11	17	0.13
(6,108)	1:69:A:MET:H	1:73:A:ILE:HD12	17	0.13
(6,108)	1:69:A:MET:H	1:73:A:ILE:HD13	17	0.13
(6,59)	1:117:A:VAL:H	1:118:A:ASP:HB2	9	0.13
(6,8)	1:63:A:ILE:HG13	1:64:A:LYS:H	5	0.13
(6,4)	1:142:A:LYS:HB2	1:143:A:TRP:HE1	3	0.13
(6,4)	1:142:A:LYS:HB3	1:143:A:TRP:HE1	3	0.13
(6,1)	1:143:A:TRP:HA	1:143:A:TRP:HE1	12	0.13
(6,1)	1:143:A:TRP:HA	1:143:A:TRP:HE1	17	0.13
(5,2478)	1:146:A:GLN:HG2	1:147:A:ARG:HG2	5	0.13
(5,2478)	1:146:A:GLN:HG2	1:147:A:ARG:HG3	5	0.13
(5,2478)	1:146:A:GLN:HG3	1:147:A:ARG:HG2	5	0.13
(5,2478)	1:146:A:GLN:HG3	1:147:A:ARG:HG3	5	0.13
(5,2327)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	5	0.13
(5,2327)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	5	0.13
(5,2327)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	5	0.13
(5,2327)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	5	0.13
(5,2327)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	5	0.13
(5,2327)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	5	0.13
(5,2327)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	5	0.13
(5,2327)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	5	0.13
(5,2327)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	5	0.13
(5,2327)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	5	0.13
(5,2327)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	5	0.13
(5,2327)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	5	0.13
(5,2286)	1:96:A:VAL:HG11	1:97:A:ASP:HB2	11	0.13
(5,2286)	1:96:A:VAL:HG11	1:97:A:ASP:HB3	11	0.13
(5,2286)	1:96:A:VAL:HG12	1:97:A:ASP:HB2	11	0.13
(5,2286)	1:96:A:VAL:HG12	1:97:A:ASP:HB3	11	0.13
(5,2286)	1:96:A:VAL:HG13	1:97:A:ASP:HB2	11	0.13
(5,2286)	1:96:A:VAL:HG13	1:97:A:ASP:HB3	11	0.13
(5,2286)	1:96:A:VAL:HG21	1:97:A:ASP:HB2	11	0.13
(5,2286)	1:96:A:VAL:HG21	1:97:A:ASP:HB3	11	0.13
(5,2286)	1:96:A:VAL:HG22	1:97:A:ASP:HB2	11	0.13
(5,2286)	1:96:A:VAL:HG22	1:97:A:ASP:HB3	11	0.13
(5,2286)	1:96:A:VAL:HG23	1:97:A:ASP:HB2	11	0.13
(5,2286)	1:96:A:VAL:HG23	1:97:A:ASP:HB3	11	0.13
(5,2264)	1:73:A:ILE:HG21	1:109:A:PRO:HD2	15	0.13
(5,2264)	1:73:A:ILE:HG21	1:109:A:PRO:HD3	15	0.13
(5,2264)	1:73:A:ILE:HG22	1:109:A:PRO:HD2	15	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2264)	1:73:A:ILE:HG22	1:109:A:PRO:HD3	15	0.13
(5,2264)	1:73:A:ILE:HG23	1:109:A:PRO:HD2	15	0.13
(5,2264)	1:73:A:ILE:HG23	1:109:A:PRO:HD3	15	0.13
(5,2244)	1:69:A:MET:HG2	1:109:A:PRO:HA	19	0.13
(5,2244)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.13
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	19	0.13
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	19	0.13
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	19	0.13
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	19	0.13
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	19	0.13
(5,2213)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	19	0.13
(5,2179)	1:55:A:GLY:H	1:122:A:ASP:HB2	13	0.13
(5,2179)	1:55:A:GLY:H	1:122:A:ASP:HB3	13	0.13
(5,2173)	1:50:A:ALA:H	1:130:A:GLY:HA2	7	0.13
(5,2173)	1:50:A:ALA:H	1:130:A:GLY:HA3	7	0.13
(5,2090)	1:39:A:VAL:HA	1:43:A:MET:HG2	9	0.13
(5,2090)	1:39:A:VAL:HA	1:43:A:MET:HG3	9	0.13
(5,2071)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	12	0.13
(5,2071)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	12	0.13
(5,2071)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	12	0.13
(5,2071)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	12	0.13
(5,2071)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	12	0.13
(5,2071)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	12	0.13
(5,2065)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	7	0.13
(5,2065)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	7	0.13
(5,2065)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	7	0.13
(5,2065)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	7	0.13
(5,2065)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	7	0.13
(5,2065)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	7	0.13
(5,2009)	1:18:A:PHE:HB2	1:131:A:LEU:HD11	2	0.13
(5,2009)	1:18:A:PHE:HB2	1:131:A:LEU:HD12	2	0.13
(5,2009)	1:18:A:PHE:HB2	1:131:A:LEU:HD13	2	0.13
(5,2009)	1:18:A:PHE:HB2	1:131:A:LEU:HD21	2	0.13
(5,2009)	1:18:A:PHE:HB2	1:131:A:LEU:HD22	2	0.13
(5,2009)	1:18:A:PHE:HB2	1:131:A:LEU:HD23	2	0.13
(5,2009)	1:18:A:PHE:HB3	1:131:A:LEU:HD11	2	0.13
(5,2009)	1:18:A:PHE:HB3	1:131:A:LEU:HD12	2	0.13
(5,2009)	1:18:A:PHE:HB3	1:131:A:LEU:HD13	2	0.13
(5,2009)	1:18:A:PHE:HB3	1:131:A:LEU:HD21	2	0.13
(5,2009)	1:18:A:PHE:HB3	1:131:A:LEU:HD22	2	0.13
(5,2009)	1:18:A:PHE:HB3	1:131:A:LEU:HD23	2	0.13
(5,1968)	1:11:A:ILE:HG21	1:43:A:MET:HG2	13	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1968)	1:11:A:ILE:HG21	1:43:A:MET:HG3	13	0.13
(5,1968)	1:11:A:ILE:HG22	1:43:A:MET:HG2	13	0.13
(5,1968)	1:11:A:ILE:HG22	1:43:A:MET:HG3	13	0.13
(5,1968)	1:11:A:ILE:HG23	1:43:A:MET:HG2	13	0.13
(5,1968)	1:11:A:ILE:HG23	1:43:A:MET:HG3	13	0.13
(5,1935)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	3	0.13
(5,1933)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	15	0.13
(5,1933)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	15	0.13
(5,1933)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	15	0.13
(5,1933)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	15	0.13
(5,1933)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	15	0.13
(5,1933)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	15	0.13
(5,1918)	1:18:A:PHE:HE1	1:60:A:LEU:HB3	12	0.13
(5,1918)	1:18:A:PHE:HE2	1:60:A:LEU:HB3	12	0.13
(5,1880)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	11	0.13
(5,1880)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	11	0.13
(5,1852)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	19	0.13
(5,1852)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	19	0.13
(5,1828)	1:104:A:PHE:HE1	1:116:A:GLN:HE22	19	0.13
(5,1828)	1:104:A:PHE:HE2	1:116:A:GLN:HE22	19	0.13
(5,1817)	1:15:A:ALA:HA	1:18:A:PHE:HD1	1	0.13
(5,1817)	1:15:A:ALA:HA	1:18:A:PHE:HD2	1	0.13
(5,1799)	1:101:A:ILE:HG21	1:102:A:PRO:HA	3	0.13
(5,1799)	1:101:A:ILE:HG22	1:102:A:PRO:HA	3	0.13
(5,1799)	1:101:A:ILE:HG23	1:102:A:PRO:HA	3	0.13
(5,1789)	1:57:A:LEU:HG	1:60:A:LEU:HG	3	0.13
(5,1789)	1:57:A:LEU:HG	1:60:A:LEU:HG	9	0.13
(5,1758)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.13
(5,1758)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.13
(5,1758)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.13
(5,1757)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	15	0.13
(5,1757)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	15	0.13
(5,1757)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	15	0.13
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG21	15	0.13
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG22	15	0.13
(5,1750)	1:149:A:ALA:HB1	1:150:A:THR:HG23	15	0.13
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG21	15	0.13
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG22	15	0.13
(5,1750)	1:149:A:ALA:HB2	1:150:A:THR:HG23	15	0.13
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG21	15	0.13
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG22	15	0.13
(5,1750)	1:149:A:ALA:HB3	1:150:A:THR:HG23	15	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1725)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	7	0.13
(5,1725)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	7	0.13
(5,1667)	1:131:A:LEU:H	1:134:A:VAL:HG11	15	0.13
(5,1667)	1:131:A:LEU:H	1:134:A:VAL:HG12	15	0.13
(5,1667)	1:131:A:LEU:H	1:134:A:VAL:HG13	15	0.13
(5,1657)	1:97:A:ASP:HB2	1:99:A:PRO:HA	3	0.13
(5,1657)	1:97:A:ASP:HB3	1:99:A:PRO:HA	3	0.13
(5,1642)	1:79:A:THR:H	1:80:A:TYR:HA	3	0.13
(5,1641)	1:13:A:ALA:HA	1:80:A:TYR:HB3	14	0.13
(5,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	8	0.13
(5,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	8	0.13
(5,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	8	0.13
(5,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	16	0.13
(5,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	16	0.13
(5,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	16	0.13
(5,1620)	1:72:A:PHE:H	1:73:A:ILE:HG21	8	0.13
(5,1620)	1:72:A:PHE:H	1:73:A:ILE:HG22	8	0.13
(5,1620)	1:72:A:PHE:H	1:73:A:ILE:HG23	8	0.13
(5,1613)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	9	0.13
(5,1613)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	9	0.13
(5,1613)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	9	0.13
(5,1591)	1:61:A:SER:HA	1:63:A:ILE:HD11	3	0.13
(5,1591)	1:61:A:SER:HA	1:63:A:ILE:HD12	3	0.13
(5,1591)	1:61:A:SER:HA	1:63:A:ILE:HD13	3	0.13
(5,1565)	1:40:A:LEU:HD21	1:43:A:MET:H	7	0.13
(5,1565)	1:40:A:LEU:HD22	1:43:A:MET:H	7	0.13
(5,1565)	1:40:A:LEU:HD23	1:43:A:MET:H	7	0.13
(5,1564)	1:38:A:GLU:HA	1:139:A:LEU:HD21	13	0.13
(5,1564)	1:38:A:GLU:HA	1:139:A:LEU:HD22	13	0.13
(5,1564)	1:38:A:GLU:HA	1:139:A:LEU:HD23	13	0.13
(5,1551)	1:69:A:MET:HE1	1:73:A:ILE:HD11	8	0.13
(5,1551)	1:69:A:MET:HE1	1:73:A:ILE:HD12	8	0.13
(5,1551)	1:69:A:MET:HE1	1:73:A:ILE:HD13	8	0.13
(5,1551)	1:69:A:MET:HE2	1:73:A:ILE:HD11	8	0.13
(5,1551)	1:69:A:MET:HE2	1:73:A:ILE:HD12	8	0.13
(5,1551)	1:69:A:MET:HE2	1:73:A:ILE:HD13	8	0.13
(5,1551)	1:69:A:MET:HE3	1:73:A:ILE:HD11	8	0.13
(5,1551)	1:69:A:MET:HE3	1:73:A:ILE:HD12	8	0.13
(5,1551)	1:69:A:MET:HE3	1:73:A:ILE:HD13	8	0.13
(5,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE1	13	0.13
(5,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE2	13	0.13
(5,1550)	1:63:A:ILE:HG21	1:69:A:MET:HE3	13	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE1	13	0.13
(5,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE2	13	0.13
(5,1550)	1:63:A:ILE:HG22	1:69:A:MET:HE3	13	0.13
(5,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE1	13	0.13
(5,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE2	13	0.13
(5,1550)	1:63:A:ILE:HG23	1:69:A:MET:HE3	13	0.13
(5,1536)	1:69:A:MET:HE1	1:113:A:PHE:HE1	14	0.13
(5,1536)	1:69:A:MET:HE1	1:113:A:PHE:HE2	14	0.13
(5,1536)	1:69:A:MET:HE2	1:113:A:PHE:HE1	14	0.13
(5,1536)	1:69:A:MET:HE2	1:113:A:PHE:HE2	14	0.13
(5,1536)	1:69:A:MET:HE3	1:113:A:PHE:HE1	14	0.13
(5,1536)	1:69:A:MET:HE3	1:113:A:PHE:HE2	14	0.13
(5,1533)	1:65:A:CYS:H	1:69:A:MET:HE1	18	0.13
(5,1533)	1:65:A:CYS:H	1:69:A:MET:HE2	18	0.13
(5,1533)	1:65:A:CYS:H	1:69:A:MET:HE3	18	0.13
(5,1507)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	8	0.13
(5,1507)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	8	0.13
(5,1507)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	8	0.13
(5,1507)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	8	0.13
(5,1507)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	8	0.13
(5,1507)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	8	0.13
(5,1507)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	8	0.13
(5,1507)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	8	0.13
(5,1507)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	8	0.13
(5,1497)	1:101:A:ILE:HG21	1:115:A:ALA:HA	19	0.13
(5,1497)	1:101:A:ILE:HG22	1:115:A:ALA:HA	19	0.13
(5,1497)	1:101:A:ILE:HG23	1:115:A:ALA:HA	19	0.13
(5,1496)	1:101:A:ILE:HG21	1:116:A:GLN:H	10	0.13
(5,1496)	1:101:A:ILE:HG22	1:116:A:GLN:H	10	0.13
(5,1496)	1:101:A:ILE:HG23	1:116:A:GLN:H	10	0.13
(5,1433)	1:73:A:ILE:HG21	1:110:A:MET:H	15	0.13
(5,1433)	1:73:A:ILE:HG22	1:110:A:MET:H	15	0.13
(5,1433)	1:73:A:ILE:HG23	1:110:A:MET:H	15	0.13
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG11	17	0.13
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG12	17	0.13
(5,1397)	1:43:A:MET:HA	1:134:A:VAL:HG13	17	0.13
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG11	9	0.13
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG12	9	0.13
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG13	9	0.13
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG11	17	0.13
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG12	17	0.13
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG13	17	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG11	19	0.13
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG12	19	0.13
(5,1375)	1:39:A:VAL:H	1:39:A:VAL:HG13	19	0.13
(5,1359)	1:105:A:LYS:HD2	1:106:A:ASP:HA	3	0.13
(5,1359)	1:105:A:LYS:HD3	1:106:A:ASP:HA	3	0.13
(5,1355)	1:131:A:LEU:H	1:131:A:LEU:HD21	2	0.13
(5,1355)	1:131:A:LEU:H	1:131:A:LEU:HD22	2	0.13
(5,1355)	1:131:A:LEU:H	1:131:A:LEU:HD23	2	0.13
(5,1300)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	12	0.13
(5,1300)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	12	0.13
(5,1300)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	12	0.13
(5,1139)	1:40:A:LEU:HA	1:40:A:LEU:HD21	13	0.13
(5,1139)	1:40:A:LEU:HA	1:40:A:LEU:HD22	13	0.13
(5,1139)	1:40:A:LEU:HA	1:40:A:LEU:HD23	13	0.13
(5,1075)	1:54:A:ARG:HA	1:58:A:ILE:HB	1	0.13
(5,1059)	1:72:A:PHE:HA	1:109:A:PRO:HB2	7	0.13
(5,1059)	1:72:A:PHE:HA	1:109:A:PRO:HB3	7	0.13
(5,1045)	1:63:A:ILE:HG13	1:116:A:GLN:HB2	3	0.13
(5,1045)	1:63:A:ILE:HG13	1:116:A:GLN:HB3	3	0.13
(5,1039)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	11	0.13
(5,994)	1:35:A:LEU:HG	1:143:A:TRP:HB3	7	0.13
(5,957)	1:96:A:VAL:HB	1:97:A:ASP:H	4	0.13
(5,957)	1:96:A:VAL:HB	1:97:A:ASP:H	9	0.13
(5,942)	1:69:A:MET:HG2	1:109:A:PRO:HA	17	0.13
(5,882)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	17	0.13
(5,882)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	17	0.13
(5,882)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	17	0.13
(5,867)	1:24:A:ASP:HB2	1:27:A:ARG:HB3	15	0.13
(5,867)	1:24:A:ASP:HB3	1:27:A:ARG:HB3	15	0.13
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD11	9	0.13
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD12	9	0.13
(5,799)	1:9:A:PHE:H	1:58:A:ILE:HD13	9	0.13
(5,792)	1:63:A:ILE:HD11	1:69:A:MET:HE1	8	0.13
(5,792)	1:63:A:ILE:HD11	1:69:A:MET:HE2	8	0.13
(5,792)	1:63:A:ILE:HD11	1:69:A:MET:HE3	8	0.13
(5,792)	1:63:A:ILE:HD12	1:69:A:MET:HE1	8	0.13
(5,792)	1:63:A:ILE:HD12	1:69:A:MET:HE2	8	0.13
(5,792)	1:63:A:ILE:HD12	1:69:A:MET:HE3	8	0.13
(5,792)	1:63:A:ILE:HD13	1:69:A:MET:HE1	8	0.13
(5,792)	1:63:A:ILE:HD13	1:69:A:MET:HE2	8	0.13
(5,792)	1:63:A:ILE:HD13	1:69:A:MET:HE3	8	0.13
(5,792)	1:63:A:ILE:HD11	1:69:A:MET:HE1	13	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,792)	1:63:A:ILE:HD11	1:69:A:MET:HE2	13	0.13
(5,792)	1:63:A:ILE:HD11	1:69:A:MET:HE3	13	0.13
(5,792)	1:63:A:ILE:HD12	1:69:A:MET:HE1	13	0.13
(5,792)	1:63:A:ILE:HD12	1:69:A:MET:HE2	13	0.13
(5,792)	1:63:A:ILE:HD12	1:69:A:MET:HE3	13	0.13
(5,792)	1:63:A:ILE:HD13	1:69:A:MET:HE1	13	0.13
(5,792)	1:63:A:ILE:HD13	1:69:A:MET:HE2	13	0.13
(5,792)	1:63:A:ILE:HD13	1:69:A:MET:HE3	13	0.13
(5,776)	1:101:A:ILE:HD11	1:116:A:GLN:HA	8	0.13
(5,776)	1:101:A:ILE:HD12	1:116:A:GLN:HA	8	0.13
(5,776)	1:101:A:ILE:HD13	1:116:A:GLN:HA	8	0.13
(5,774)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	6	0.13
(5,774)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	6	0.13
(5,774)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	6	0.13
(5,774)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	6	0.13
(5,774)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	6	0.13
(5,774)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	6	0.13
(5,765)	1:73:A:ILE:HD11	1:113:A:PHE:H	14	0.13
(5,765)	1:73:A:ILE:HD12	1:113:A:PHE:H	14	0.13
(5,765)	1:73:A:ILE:HD13	1:113:A:PHE:H	14	0.13
(5,694)	1:56:A:CYS:H	1:122:A:ASP:HB2	5	0.13
(5,641)	1:66:A:THR:H	1:70:A:LYS:H	7	0.13
(5,621)	1:35:A:LEU:H	1:80:A:TYR:HB2	4	0.13
(5,619)	1:96:A:VAL:H	1:97:A:ASP:H	8	0.13
(5,619)	1:96:A:VAL:H	1:97:A:ASP:H	19	0.13
(5,609)	1:55:A:GLY:H	1:58:A:ILE:HB	14	0.13
(5,607)	1:47:A:ALA:HB1	1:51:A:GLY:H	2	0.13
(5,607)	1:47:A:ALA:HB2	1:51:A:GLY:H	2	0.13
(5,607)	1:47:A:ALA:HB3	1:51:A:GLY:H	2	0.13
(5,576)	1:116:A:GLN:HB2	1:116:A:GLN:HE22	13	0.13
(5,576)	1:116:A:GLN:HB3	1:116:A:GLN:HE22	13	0.13
(5,576)	1:116:A:GLN:HB2	1:116:A:GLN:HE22	14	0.13
(5,576)	1:116:A:GLN:HB3	1:116:A:GLN:HE22	14	0.13
(5,576)	1:116:A:GLN:HB2	1:116:A:GLN:HE22	18	0.13
(5,576)	1:116:A:GLN:HB3	1:116:A:GLN:HE22	18	0.13
(5,511)	1:67:A:PRO:HA	1:71:A:LYS:H	15	0.13
(5,329)	1:57:A:LEU:H	1:58:A:ILE:HB	2	0.13
(5,329)	1:57:A:LEU:H	1:58:A:ILE:HB	19	0.13
(5,320)	1:140:A:LEU:H	1:140:A:LEU:HG	9	0.13
(5,315)	1:46:A:ASN:H	1:48:A:ARG:HB2	1	0.13
(5,315)	1:46:A:ASN:H	1:48:A:ARG:HB3	1	0.13
(5,315)	1:46:A:ASN:H	1:48:A:ARG:HB2	6	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,315)	1:46:A:ASN:H	1:48:A:ARG:HB3	6	0.13
(5,315)	1:46:A:ASN:H	1:48:A:ARG:HB2	17	0.13
(5,315)	1:46:A:ASN:H	1:48:A:ARG:HB3	17	0.13
(5,277)	1:73:A:ILE:HD11	1:112:A:GLN:H	11	0.13
(5,277)	1:73:A:ILE:HD12	1:112:A:GLN:H	11	0.13
(5,277)	1:73:A:ILE:HD13	1:112:A:GLN:H	11	0.13
(5,244)	1:110:A:MET:H	1:113:A:PHE:H	6	0.13
(5,200)	1:101:A:ILE:H	1:101:A:ILE:HB	3	0.13
(5,185)	1:44:A:GLU:H	1:44:A:GLU:HG3	1	0.13
(5,185)	1:44:A:GLU:H	1:44:A:GLU:HG3	12	0.13
(5,104)	1:69:A:MET:H	1:73:A:ILE:HD11	3	0.13
(5,104)	1:69:A:MET:H	1:73:A:ILE:HD12	3	0.13
(5,104)	1:69:A:MET:H	1:73:A:ILE:HD13	3	0.13
(5,104)	1:69:A:MET:H	1:73:A:ILE:HD11	17	0.13
(5,104)	1:69:A:MET:H	1:73:A:ILE:HD12	17	0.13
(5,104)	1:69:A:MET:H	1:73:A:ILE:HD13	17	0.13
(5,56)	1:117:A:VAL:H	1:118:A:ASP:HB2	9	0.13
(5,54)	1:24:A:ASP:HB2	1:25:A:ALA:H	13	0.13
(5,54)	1:24:A:ASP:HB3	1:25:A:ALA:H	13	0.13
(5,54)	1:24:A:ASP:HB2	1:25:A:ALA:H	16	0.13
(5,54)	1:24:A:ASP:HB3	1:25:A:ALA:H	16	0.13
(5,54)	1:24:A:ASP:HB2	1:25:A:ALA:H	19	0.13
(5,54)	1:24:A:ASP:HB3	1:25:A:ALA:H	19	0.13
(5,13)	1:63:A:ILE:HB	1:64:A:LYS:H	14	0.13
(5,8)	1:63:A:ILE:HG13	1:64:A:LYS:H	5	0.13
(4,2391)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	8	0.13
(4,2391)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	8	0.13
(4,2391)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	8	0.13
(4,2391)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	8	0.13
(4,2391)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	8	0.13
(4,2391)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	8	0.13
(4,2328)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	5	0.13
(4,2328)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	5	0.13
(4,2328)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	5	0.13
(4,2328)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	5	0.13
(4,2328)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	5	0.13
(4,2328)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	5	0.13
(4,2328)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	5	0.13
(4,2328)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	5	0.13
(4,2328)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	5	0.13
(4,2328)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	5	0.13
(4,2328)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	5	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2328)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	5	0.13
(4,2280)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	1	0.13
(4,2280)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	1	0.13
(4,2280)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	1	0.13
(4,2280)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	1	0.13
(4,2280)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	1	0.13
(4,2280)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	1	0.13
(4,2280)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	1	0.13
(4,2280)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	1	0.13
(4,2280)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	1	0.13
(4,2280)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	1	0.13
(4,2280)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	1	0.13
(4,2280)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	1	0.13
(4,2264)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	14	0.13
(4,2264)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	14	0.13
(4,2264)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	14	0.13
(4,2264)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	14	0.13
(4,2233)	1:69:A:MET:H	1:70:A:LYS:HG2	8	0.13
(4,2233)	1:69:A:MET:H	1:70:A:LYS:HG3	8	0.13
(4,2202)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	13	0.13
(4,2202)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	13	0.13
(4,2202)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	13	0.13
(4,2202)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	13	0.13
(4,2202)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	13	0.13
(4,2202)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	13	0.13
(4,2202)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	13	0.13
(4,2202)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	13	0.13
(4,2202)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	13	0.13
(4,2202)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	13	0.13
(4,2202)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	13	0.13
(4,2202)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	13	0.13
(4,2202)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	13	0.13
(4,2202)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	13	0.13
(4,2202)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	13	0.13
(4,2202)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	13	0.13
(4,2202)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	13	0.13
(4,2202)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	13	0.13
(4,2202)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	13	0.13
(4,2202)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	13	0.13
(4,2202)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	13	0.13
(4,2202)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	13	0.13
(4,2202)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	13	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2202)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	13	0.13
(4,2202)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	13	0.13
(4,2202)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	13	0.13
(4,2202)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	13	0.13
(4,2202)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	13	0.13
(4,2202)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	13	0.13
(4,2202)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	13	0.13
(4,2202)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	13	0.13
(4,2202)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	13	0.13
(4,2202)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	13	0.13
(4,2202)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	13	0.13
(4,2202)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	13	0.13
(4,2202)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	13	0.13
(4,2202)	1:60:A:LEU:HD11	1:131:A:LEU:HD11	17	0.13
(4,2202)	1:60:A:LEU:HD11	1:131:A:LEU:HD12	17	0.13
(4,2202)	1:60:A:LEU:HD11	1:131:A:LEU:HD13	17	0.13
(4,2202)	1:60:A:LEU:HD11	1:131:A:LEU:HD21	17	0.13
(4,2202)	1:60:A:LEU:HD11	1:131:A:LEU:HD22	17	0.13
(4,2202)	1:60:A:LEU:HD11	1:131:A:LEU:HD23	17	0.13
(4,2202)	1:60:A:LEU:HD12	1:131:A:LEU:HD11	17	0.13
(4,2202)	1:60:A:LEU:HD12	1:131:A:LEU:HD12	17	0.13
(4,2202)	1:60:A:LEU:HD12	1:131:A:LEU:HD13	17	0.13
(4,2202)	1:60:A:LEU:HD12	1:131:A:LEU:HD21	17	0.13
(4,2202)	1:60:A:LEU:HD12	1:131:A:LEU:HD22	17	0.13
(4,2202)	1:60:A:LEU:HD12	1:131:A:LEU:HD23	17	0.13
(4,2202)	1:60:A:LEU:HD13	1:131:A:LEU:HD11	17	0.13
(4,2202)	1:60:A:LEU:HD13	1:131:A:LEU:HD12	17	0.13
(4,2202)	1:60:A:LEU:HD13	1:131:A:LEU:HD13	17	0.13
(4,2202)	1:60:A:LEU:HD13	1:131:A:LEU:HD21	17	0.13
(4,2202)	1:60:A:LEU:HD13	1:131:A:LEU:HD22	17	0.13
(4,2202)	1:60:A:LEU:HD13	1:131:A:LEU:HD23	17	0.13
(4,2202)	1:60:A:LEU:HD21	1:131:A:LEU:HD11	17	0.13
(4,2202)	1:60:A:LEU:HD21	1:131:A:LEU:HD12	17	0.13
(4,2202)	1:60:A:LEU:HD21	1:131:A:LEU:HD13	17	0.13
(4,2202)	1:60:A:LEU:HD21	1:131:A:LEU:HD21	17	0.13
(4,2202)	1:60:A:LEU:HD21	1:131:A:LEU:HD22	17	0.13
(4,2202)	1:60:A:LEU:HD21	1:131:A:LEU:HD23	17	0.13
(4,2202)	1:60:A:LEU:HD22	1:131:A:LEU:HD11	17	0.13
(4,2202)	1:60:A:LEU:HD22	1:131:A:LEU:HD12	17	0.13
(4,2202)	1:60:A:LEU:HD22	1:131:A:LEU:HD13	17	0.13
(4,2202)	1:60:A:LEU:HD22	1:131:A:LEU:HD21	17	0.13
(4,2202)	1:60:A:LEU:HD22	1:131:A:LEU:HD22	17	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2202)	1:60:A:LEU:HD22	1:131:A:LEU:HD23	17	0.13
(4,2202)	1:60:A:LEU:HD23	1:131:A:LEU:HD11	17	0.13
(4,2202)	1:60:A:LEU:HD23	1:131:A:LEU:HD12	17	0.13
(4,2202)	1:60:A:LEU:HD23	1:131:A:LEU:HD13	17	0.13
(4,2202)	1:60:A:LEU:HD23	1:131:A:LEU:HD21	17	0.13
(4,2202)	1:60:A:LEU:HD23	1:131:A:LEU:HD22	17	0.13
(4,2202)	1:60:A:LEU:HD23	1:131:A:LEU:HD23	17	0.13
(4,2189)	1:57:A:LEU:HD11	1:60:A:LEU:H	6	0.13
(4,2189)	1:57:A:LEU:HD12	1:60:A:LEU:H	6	0.13
(4,2189)	1:57:A:LEU:HD13	1:60:A:LEU:H	6	0.13
(4,2189)	1:57:A:LEU:HD21	1:60:A:LEU:H	6	0.13
(4,2189)	1:57:A:LEU:HD22	1:60:A:LEU:H	6	0.13
(4,2189)	1:57:A:LEU:HD23	1:60:A:LEU:H	6	0.13
(4,2126)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	7	0.13
(4,2126)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	7	0.13
(4,2126)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	7	0.13
(4,2126)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	7	0.13
(4,2126)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	7	0.13
(4,2126)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	7	0.13
(4,2126)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	7	0.13
(4,2126)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	7	0.13
(4,2126)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	7	0.13
(4,2126)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	7	0.13
(4,2126)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	7	0.13
(4,2126)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	7	0.13
(4,2079)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	13	0.13
(4,2079)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	13	0.13
(4,2079)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	13	0.13
(4,2079)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	13	0.13
(4,2079)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	13	0.13
(4,2079)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	13	0.13
(4,2075)	1:35:A:LEU:HD11	1:80:A:TYR:HB3	16	0.13
(4,2075)	1:35:A:LEU:HD12	1:80:A:TYR:HB3	16	0.13
(4,2075)	1:35:A:LEU:HD13	1:80:A:TYR:HB3	16	0.13
(4,2075)	1:35:A:LEU:HD21	1:80:A:TYR:HB3	16	0.13
(4,2075)	1:35:A:LEU:HD22	1:80:A:TYR:HB3	16	0.13
(4,2075)	1:35:A:LEU:HD23	1:80:A:TYR:HB3	16	0.13
(4,2030)	1:22:A:ASP:H	1:23:A:LEU:HD11	6	0.13
(4,2030)	1:22:A:ASP:H	1:23:A:LEU:HD12	6	0.13
(4,2030)	1:22:A:ASP:H	1:23:A:LEU:HD13	6	0.13
(4,2030)	1:22:A:ASP:H	1:23:A:LEU:HD21	6	0.13
(4,2030)	1:22:A:ASP:H	1:23:A:LEU:HD22	6	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2030)	1:22:A:ASP:H	1:23:A:LEU:HD23	6	0.13
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD11	12	0.13
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD12	12	0.13
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD13	12	0.13
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD21	12	0.13
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD22	12	0.13
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD23	12	0.13
(4,1946)	1:11:A:ILE:HG12	1:57:A:LEU:HD11	17	0.13
(4,1946)	1:11:A:ILE:HG12	1:57:A:LEU:HD12	17	0.13
(4,1946)	1:11:A:ILE:HG12	1:57:A:LEU:HD13	17	0.13
(4,1946)	1:11:A:ILE:HG12	1:57:A:LEU:HD21	17	0.13
(4,1946)	1:11:A:ILE:HG12	1:57:A:LEU:HD22	17	0.13
(4,1946)	1:11:A:ILE:HG12	1:57:A:LEU:HD23	17	0.13
(4,1946)	1:11:A:ILE:HG13	1:57:A:LEU:HD11	17	0.13
(4,1946)	1:11:A:ILE:HG13	1:57:A:LEU:HD12	17	0.13
(4,1946)	1:11:A:ILE:HG13	1:57:A:LEU:HD13	17	0.13
(4,1946)	1:11:A:ILE:HG13	1:57:A:LEU:HD21	17	0.13
(4,1946)	1:11:A:ILE:HG13	1:57:A:LEU:HD22	17	0.13
(4,1946)	1:11:A:ILE:HG13	1:57:A:LEU:HD23	17	0.13
(4,1877)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	8	0.13
(4,1877)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	8	0.13
(4,1877)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	8	0.13
(4,1877)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	8	0.13
(4,1849)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	15	0.13
(4,1849)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	15	0.13
(4,1849)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	15	0.13
(4,1849)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	15	0.13
(4,1849)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	15	0.13
(4,1849)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	15	0.13
(4,1788)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	1	0.13
(4,1788)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	1	0.13
(4,1788)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	1	0.13
(4,1788)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	1	0.13
(4,1788)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	1	0.13
(4,1788)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	1	0.13
(4,1770)	1:15:A:ALA:HA	1:18:A:PHE:HD1	1	0.13
(4,1770)	1:15:A:ALA:HA	1:18:A:PHE:HD2	1	0.13
(4,1754)	1:101:A:ILE:HG21	1:102:A:PRO:HA	3	0.13
(4,1754)	1:101:A:ILE:HG22	1:102:A:PRO:HA	3	0.13
(4,1754)	1:101:A:ILE:HG23	1:102:A:PRO:HA	3	0.13
(4,1713)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.13
(4,1713)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1713)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.13
(4,1683)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	11	0.13
(4,1682)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	7	0.13
(4,1682)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	7	0.13
(4,1655)	1:125:A:THR:HA	1:128:A:LEU:HA	1	0.13
(4,1655)	1:125:A:THR:HA	1:128:A:LEU:HA	11	0.13
(4,1655)	1:125:A:THR:HA	1:128:A:LEU:HA	16	0.13
(4,1647)	1:107:A:LEU:H	1:111:A:GLU:HB2	14	0.13
(4,1647)	1:107:A:LEU:H	1:111:A:GLU:HB3	14	0.13
(4,1605)	1:79:A:THR:H	1:80:A:TYR:HA	3	0.13
(4,1585)	1:72:A:PHE:H	1:73:A:ILE:HG21	8	0.13
(4,1585)	1:72:A:PHE:H	1:73:A:ILE:HG22	8	0.13
(4,1585)	1:72:A:PHE:H	1:73:A:ILE:HG23	8	0.13
(4,1583)	1:120:A:CYS:H	1:121:A:VAL:HG21	18	0.13
(4,1583)	1:120:A:CYS:H	1:121:A:VAL:HG22	18	0.13
(4,1583)	1:120:A:CYS:H	1:121:A:VAL:HG23	18	0.13
(4,1566)	1:98:A:ILE:HG21	1:116:A:GLN:H	15	0.13
(4,1566)	1:98:A:ILE:HG22	1:116:A:GLN:H	15	0.13
(4,1566)	1:98:A:ILE:HG23	1:116:A:GLN:H	15	0.13
(4,1554)	1:61:A:SER:HA	1:63:A:ILE:HD11	8	0.13
(4,1554)	1:61:A:SER:HA	1:63:A:ILE:HD12	8	0.13
(4,1554)	1:61:A:SER:HA	1:63:A:ILE:HD13	8	0.13
(4,1535)	1:38:A:GLU:HA	1:139:A:LEU:HD21	13	0.13
(4,1535)	1:38:A:GLU:HA	1:139:A:LEU:HD22	13	0.13
(4,1535)	1:38:A:GLU:HA	1:139:A:LEU:HD23	13	0.13
(4,1518)	1:69:A:MET:HE1	1:73:A:ILE:HD11	8	0.13
(4,1518)	1:69:A:MET:HE1	1:73:A:ILE:HD12	8	0.13
(4,1518)	1:69:A:MET:HE1	1:73:A:ILE:HD13	8	0.13
(4,1518)	1:69:A:MET:HE2	1:73:A:ILE:HD11	8	0.13
(4,1518)	1:69:A:MET:HE2	1:73:A:ILE:HD12	8	0.13
(4,1518)	1:69:A:MET:HE2	1:73:A:ILE:HD13	8	0.13
(4,1518)	1:69:A:MET:HE3	1:73:A:ILE:HD11	8	0.13
(4,1518)	1:69:A:MET:HE3	1:73:A:ILE:HD12	8	0.13
(4,1518)	1:69:A:MET:HE3	1:73:A:ILE:HD13	8	0.13
(4,1507)	1:110:A:MET:HE1	1:113:A:PHE:HA	2	0.13
(4,1507)	1:110:A:MET:HE2	1:113:A:PHE:HA	2	0.13
(4,1507)	1:110:A:MET:HE3	1:113:A:PHE:HA	2	0.13
(4,1498)	1:65:A:CYS:H	1:69:A:MET:HE1	18	0.13
(4,1498)	1:65:A:CYS:H	1:69:A:MET:HE2	18	0.13
(4,1498)	1:65:A:CYS:H	1:69:A:MET:HE3	18	0.13
(4,1496)	1:69:A:MET:HE1	1:110:A:MET:H	3	0.13
(4,1496)	1:69:A:MET:HE2	1:110:A:MET:H	3	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1496)	1:69:A:MET:HE3	1:110:A:MET:H	3	0.13
(4,1461)	1:101:A:ILE:HG21	1:116:A:GLN:H	10	0.13
(4,1461)	1:101:A:ILE:HG22	1:116:A:GLN:H	10	0.13
(4,1461)	1:101:A:ILE:HG23	1:116:A:GLN:H	10	0.13
(4,1460)	1:101:A:ILE:HG21	1:104:A:PHE:HD1	16	0.13
(4,1460)	1:101:A:ILE:HG21	1:104:A:PHE:HD2	16	0.13
(4,1460)	1:101:A:ILE:HG22	1:104:A:PHE:HD1	16	0.13
(4,1460)	1:101:A:ILE:HG22	1:104:A:PHE:HD2	16	0.13
(4,1460)	1:101:A:ILE:HG23	1:104:A:PHE:HD1	16	0.13
(4,1460)	1:101:A:ILE:HG23	1:104:A:PHE:HD2	16	0.13
(4,1457)	1:101:A:ILE:HG21	1:115:A:ALA:H	6	0.13
(4,1457)	1:101:A:ILE:HG22	1:115:A:ALA:H	6	0.13
(4,1457)	1:101:A:ILE:HG23	1:115:A:ALA:H	6	0.13
(4,1457)	1:101:A:ILE:HG21	1:115:A:ALA:H	7	0.13
(4,1457)	1:101:A:ILE:HG22	1:115:A:ALA:H	7	0.13
(4,1457)	1:101:A:ILE:HG23	1:115:A:ALA:H	7	0.13
(4,1430)	1:47:A:ALA:HA	1:50:A:ALA:HB1	5	0.13
(4,1430)	1:47:A:ALA:HA	1:50:A:ALA:HB2	5	0.13
(4,1430)	1:47:A:ALA:HA	1:50:A:ALA:HB3	5	0.13
(4,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	14	0.13
(4,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	14	0.13
(4,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	14	0.13
(4,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	14	0.13
(4,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	14	0.13
(4,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	14	0.13
(4,1385)	1:129:A:LYS:HA	1:132:A:ALA:HB1	18	0.13
(4,1385)	1:129:A:LYS:HA	1:132:A:ALA:HB2	18	0.13
(4,1385)	1:129:A:LYS:HA	1:132:A:ALA:HB3	18	0.13
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG11	19	0.13
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG12	19	0.13
(4,1342)	1:118:A:ASP:HA	1:121:A:VAL:HG13	19	0.13
(4,1269)	1:128:A:LEU:HD21	1:129:A:LYS:H	14	0.13
(4,1269)	1:128:A:LEU:HD22	1:129:A:LYS:H	14	0.13
(4,1269)	1:128:A:LEU:HD23	1:129:A:LYS:H	14	0.13
(4,1225)	1:37:A:LEU:H	1:37:A:LEU:HD11	14	0.13
(4,1225)	1:37:A:LEU:H	1:37:A:LEU:HD12	14	0.13
(4,1225)	1:37:A:LEU:H	1:37:A:LEU:HD13	14	0.13
(4,1223)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	7	0.13
(4,1223)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	7	0.13
(4,1223)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	7	0.13
(4,1223)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	7	0.13
(4,1223)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	7	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1223)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	7	0.13
(4,1185)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	6	0.13
(4,1185)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	6	0.13
(4,1185)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	6	0.13
(4,1185)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	6	0.13
(4,1185)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	6	0.13
(4,1185)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	6	0.13
(4,1170)	1:23:A:LEU:HA	1:23:A:LEU:HD21	17	0.13
(4,1170)	1:23:A:LEU:HA	1:23:A:LEU:HD22	17	0.13
(4,1170)	1:23:A:LEU:HA	1:23:A:LEU:HD23	17	0.13
(4,1062)	1:101:A:ILE:HG21	1:112:A:GLN:HA	3	0.13
(4,1062)	1:101:A:ILE:HG22	1:112:A:GLN:HA	3	0.13
(4,1062)	1:101:A:ILE:HG23	1:112:A:GLN:HA	3	0.13
(4,1020)	1:63:A:ILE:HG13	1:116:A:GLN:HB2	3	0.13
(4,1020)	1:63:A:ILE:HG13	1:116:A:GLN:HB3	3	0.13
(4,1003)	1:149:A:ALA:HB1	1:150:A:THR:HA	10	0.13
(4,1003)	1:149:A:ALA:HB2	1:150:A:THR:HA	10	0.13
(4,1003)	1:149:A:ALA:HB3	1:150:A:THR:HA	10	0.13
(4,980)	1:63:A:ILE:HA	1:64:A:LYS:HD2	17	0.13
(4,980)	1:63:A:ILE:HA	1:64:A:LYS:HD3	17	0.13
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB1	16	0.13
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB2	16	0.13
(4,939)	1:67:A:PRO:HA	1:94:A:ALA:HB3	16	0.13
(4,914)	1:125:A:THR:HB	1:129:A:LYS:HB2	8	0.13
(4,914)	1:125:A:THR:HB	1:129:A:LYS:HB3	8	0.13
(4,908)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	11	0.13
(4,859)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	3	0.13
(4,859)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	3	0.13
(4,836)	1:48:A:ARG:H	1:48:A:ARG:HD2	7	0.13
(4,836)	1:48:A:ARG:H	1:48:A:ARG:HD3	7	0.13
(4,827)	1:114:A:ILE:HA	1:114:A:ILE:HD11	15	0.13
(4,827)	1:114:A:ILE:HA	1:114:A:ILE:HD12	15	0.13
(4,827)	1:114:A:ILE:HA	1:114:A:ILE:HD13	15	0.13
(4,807)	1:64:A:LYS:H	1:98:A:ILE:HD11	19	0.13
(4,807)	1:64:A:LYS:H	1:98:A:ILE:HD12	19	0.13
(4,807)	1:64:A:LYS:H	1:98:A:ILE:HD13	19	0.13
(4,786)	1:63:A:ILE:HD11	1:69:A:MET:HE1	8	0.13
(4,786)	1:63:A:ILE:HD11	1:69:A:MET:HE2	8	0.13
(4,786)	1:63:A:ILE:HD11	1:69:A:MET:HE3	8	0.13
(4,786)	1:63:A:ILE:HD12	1:69:A:MET:HE1	8	0.13
(4,786)	1:63:A:ILE:HD12	1:69:A:MET:HE2	8	0.13
(4,786)	1:63:A:ILE:HD12	1:69:A:MET:HE3	8	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,786)	1:63:A:ILE:HD13	1:69:A:MET:HE1	8	0.13
(4,786)	1:63:A:ILE:HD13	1:69:A:MET:HE2	8	0.13
(4,786)	1:63:A:ILE:HD13	1:69:A:MET:HE3	8	0.13
(4,786)	1:63:A:ILE:HD11	1:69:A:MET:HE1	13	0.13
(4,786)	1:63:A:ILE:HD11	1:69:A:MET:HE2	13	0.13
(4,786)	1:63:A:ILE:HD11	1:69:A:MET:HE3	13	0.13
(4,786)	1:63:A:ILE:HD12	1:69:A:MET:HE1	13	0.13
(4,786)	1:63:A:ILE:HD12	1:69:A:MET:HE2	13	0.13
(4,786)	1:63:A:ILE:HD12	1:69:A:MET:HE3	13	0.13
(4,786)	1:63:A:ILE:HD13	1:69:A:MET:HE1	13	0.13
(4,786)	1:63:A:ILE:HD13	1:69:A:MET:HE2	13	0.13
(4,786)	1:63:A:ILE:HD13	1:69:A:MET:HE3	13	0.13
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD11	19	0.13
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD12	19	0.13
(4,772)	1:98:A:ILE:HD11	1:101:A:ILE:HD13	19	0.13
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD11	19	0.13
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD12	19	0.13
(4,772)	1:98:A:ILE:HD12	1:101:A:ILE:HD13	19	0.13
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD11	19	0.13
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD12	19	0.13
(4,772)	1:98:A:ILE:HD13	1:101:A:ILE:HD13	19	0.13
(4,768)	1:101:A:ILE:HD11	1:116:A:GLN:HA	8	0.13
(4,768)	1:101:A:ILE:HD12	1:116:A:GLN:HA	8	0.13
(4,768)	1:101:A:ILE:HD13	1:116:A:GLN:HA	8	0.13
(4,766)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	6	0.13
(4,766)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	6	0.13
(4,766)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	6	0.13
(4,766)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	6	0.13
(4,766)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	6	0.13
(4,766)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	6	0.13
(4,757)	1:73:A:ILE:HD11	1:113:A:PHE:H	14	0.13
(4,757)	1:73:A:ILE:HD12	1:113:A:PHE:H	14	0.13
(4,757)	1:73:A:ILE:HD13	1:113:A:PHE:H	14	0.13
(4,756)	1:69:A:MET:HG2	1:73:A:ILE:HD11	10	0.13
(4,756)	1:69:A:MET:HG2	1:73:A:ILE:HD12	10	0.13
(4,756)	1:69:A:MET:HG2	1:73:A:ILE:HD13	10	0.13
(4,739)	1:147:A:ARG:HA	1:147:A:ARG:HE	4	0.13
(4,703)	1:48:A:ARG:HE	1:49:A:LYS:HA	2	0.13
(4,665)	1:124:A:THR:H	1:126:A:GLY:H	3	0.13
(4,660)	1:101:A:ILE:HD11	1:116:A:GLN:H	1	0.13
(4,660)	1:101:A:ILE:HD12	1:116:A:GLN:H	1	0.13
(4,660)	1:101:A:ILE:HD13	1:116:A:GLN:H	1	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,611)	1:118:A:ASP:H	1:120:A:CYS:H	6	0.13
(4,604)	1:47:A:ALA:HB1	1:51:A:GLY:H	2	0.13
(4,604)	1:47:A:ALA:HB2	1:51:A:GLY:H	2	0.13
(4,604)	1:47:A:ALA:HB3	1:51:A:GLY:H	2	0.13
(4,582)	1:75:A:GLY:H	1:76:A:ARG:HG2	10	0.13
(4,582)	1:75:A:GLY:H	1:76:A:ARG:HG3	10	0.13
(4,573)	1:128:A:LEU:HD21	1:130:A:GLY:H	2	0.13
(4,573)	1:128:A:LEU:HD22	1:130:A:GLY:H	2	0.13
(4,573)	1:128:A:LEU:HD23	1:130:A:GLY:H	2	0.13
(4,504)	1:67:A:PRO:HB2	1:71:A:LYS:H	13	0.13
(4,504)	1:67:A:PRO:HB3	1:71:A:LYS:H	13	0.13
(4,503)	1:105:A:LYS:H	1:106:A:ASP:HB3	8	0.13
(4,401)	1:125:A:THR:H	1:128:A:LEU:HG	7	0.13
(4,362)	1:41:A:LYS:H	1:44:A:GLU:HB2	19	0.13
(4,362)	1:41:A:LYS:H	1:44:A:GLU:HB3	19	0.13
(4,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	3	0.13
(4,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	3	0.13
(4,270)	1:112:A:GLN:H	1:112:A:GLN:HE21	11	0.13
(4,202)	1:101:A:ILE:H	1:101:A:ILE:HB	3	0.13
(4,147)	1:131:A:LEU:H	1:131:A:LEU:HG	5	0.13
(4,118)	1:79:A:THR:H	1:80:A:TYR:H	16	0.13
(4,108)	1:69:A:MET:H	1:73:A:ILE:HD11	3	0.13
(4,108)	1:69:A:MET:H	1:73:A:ILE:HD12	3	0.13
(4,108)	1:69:A:MET:H	1:73:A:ILE:HD13	3	0.13
(4,108)	1:69:A:MET:H	1:73:A:ILE:HD11	17	0.13
(4,108)	1:69:A:MET:H	1:73:A:ILE:HD12	17	0.13
(4,108)	1:69:A:MET:H	1:73:A:ILE:HD13	17	0.13
(4,8)	1:63:A:ILE:HG13	1:64:A:LYS:H	5	0.13
(4,1)	1:143:A:TRP:HA	1:143:A:TRP:HE1	12	0.13
(4,1)	1:143:A:TRP:HA	1:143:A:TRP:HE1	17	0.13
(3,2433)	1:128:A:LEU:H	1:128:A:LEU:HD11	2	0.13
(3,2433)	1:128:A:LEU:H	1:128:A:LEU:HD12	2	0.13
(3,2433)	1:128:A:LEU:H	1:128:A:LEU:HD13	2	0.13
(3,2433)	1:128:A:LEU:H	1:128:A:LEU:HD21	2	0.13
(3,2433)	1:128:A:LEU:H	1:128:A:LEU:HD22	2	0.13
(3,2433)	1:128:A:LEU:H	1:128:A:LEU:HD23	2	0.13
(3,2424)	1:124:A:THR:H	1:128:A:LEU:HD11	19	0.13
(3,2424)	1:124:A:THR:H	1:128:A:LEU:HD12	19	0.13
(3,2424)	1:124:A:THR:H	1:128:A:LEU:HD13	19	0.13
(3,2424)	1:124:A:THR:H	1:128:A:LEU:HD21	19	0.13
(3,2424)	1:124:A:THR:H	1:128:A:LEU:HD22	19	0.13
(3,2424)	1:124:A:THR:H	1:128:A:LEU:HD23	19	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2376)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	17	0.13
(3,2376)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	17	0.13
(3,2376)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	17	0.13
(3,2376)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	17	0.13
(3,2317)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	2	0.13
(3,2317)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	2	0.13
(3,2317)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	2	0.13
(3,2317)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	2	0.13
(3,2317)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	2	0.13
(3,2317)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	2	0.13
(3,2316)	1:96:A:VAL:HG11	1:97:A:ASP:HB2	11	0.13
(3,2316)	1:96:A:VAL:HG11	1:97:A:ASP:HB3	11	0.13
(3,2316)	1:96:A:VAL:HG12	1:97:A:ASP:HB2	11	0.13
(3,2316)	1:96:A:VAL:HG12	1:97:A:ASP:HB3	11	0.13
(3,2316)	1:96:A:VAL:HG13	1:97:A:ASP:HB2	11	0.13
(3,2316)	1:96:A:VAL:HG13	1:97:A:ASP:HB3	11	0.13
(3,2316)	1:96:A:VAL:HG21	1:97:A:ASP:HB2	11	0.13
(3,2316)	1:96:A:VAL:HG21	1:97:A:ASP:HB3	11	0.13
(3,2316)	1:96:A:VAL:HG22	1:97:A:ASP:HB2	11	0.13
(3,2316)	1:96:A:VAL:HG22	1:97:A:ASP:HB3	11	0.13
(3,2316)	1:96:A:VAL:HG23	1:97:A:ASP:HB2	11	0.13
(3,2316)	1:96:A:VAL:HG23	1:97:A:ASP:HB3	11	0.13
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD11	2	0.13
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD12	2	0.13
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD13	2	0.13
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD21	2	0.13
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD22	2	0.13
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD23	2	0.13
(3,2196)	1:47:A:ALA:HB1	1:131:A:LEU:HD11	10	0.13
(3,2196)	1:47:A:ALA:HB1	1:131:A:LEU:HD12	10	0.13
(3,2196)	1:47:A:ALA:HB1	1:131:A:LEU:HD13	10	0.13
(3,2196)	1:47:A:ALA:HB1	1:131:A:LEU:HD21	10	0.13
(3,2196)	1:47:A:ALA:HB1	1:131:A:LEU:HD22	10	0.13
(3,2196)	1:47:A:ALA:HB1	1:131:A:LEU:HD23	10	0.13
(3,2196)	1:47:A:ALA:HB2	1:131:A:LEU:HD11	10	0.13
(3,2196)	1:47:A:ALA:HB2	1:131:A:LEU:HD12	10	0.13
(3,2196)	1:47:A:ALA:HB2	1:131:A:LEU:HD13	10	0.13
(3,2196)	1:47:A:ALA:HB2	1:131:A:LEU:HD21	10	0.13
(3,2196)	1:47:A:ALA:HB2	1:131:A:LEU:HD22	10	0.13
(3,2196)	1:47:A:ALA:HB2	1:131:A:LEU:HD23	10	0.13
(3,2196)	1:47:A:ALA:HB3	1:131:A:LEU:HD11	10	0.13
(3,2196)	1:47:A:ALA:HB3	1:131:A:LEU:HD12	10	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2196)	1:47:A:ALA:HB3	1:131:A:LEU:HD13	10	0.13
(3,2196)	1:47:A:ALA:HB3	1:131:A:LEU:HD21	10	0.13
(3,2196)	1:47:A:ALA:HB3	1:131:A:LEU:HD22	10	0.13
(3,2196)	1:47:A:ALA:HB3	1:131:A:LEU:HD23	10	0.13
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	19	0.13
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	19	0.13
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	19	0.13
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	19	0.13
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	19	0.13
(3,2177)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	19	0.13
(3,2126)	1:39:A:VAL:H	1:139:A:LEU:HD11	3	0.13
(3,2126)	1:39:A:VAL:H	1:139:A:LEU:HD12	3	0.13
(3,2126)	1:39:A:VAL:H	1:139:A:LEU:HD13	3	0.13
(3,2126)	1:39:A:VAL:H	1:139:A:LEU:HD21	3	0.13
(3,2126)	1:39:A:VAL:H	1:139:A:LEU:HD22	3	0.13
(3,2126)	1:39:A:VAL:H	1:139:A:LEU:HD23	3	0.13
(3,2113)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	12	0.13
(3,2113)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	12	0.13
(3,2113)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	12	0.13
(3,2113)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	12	0.13
(3,2113)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	12	0.13
(3,2113)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	12	0.13
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG11	10	0.13
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG12	10	0.13
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG13	10	0.13
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG21	10	0.13
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG22	10	0.13
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG23	10	0.13
(3,2064)	1:23:A:LEU:HD11	1:24:A:ASP:H	15	0.13
(3,2064)	1:23:A:LEU:HD12	1:24:A:ASP:H	15	0.13
(3,2064)	1:23:A:LEU:HD13	1:24:A:ASP:H	15	0.13
(3,2064)	1:23:A:LEU:HD21	1:24:A:ASP:H	15	0.13
(3,2064)	1:23:A:LEU:HD22	1:24:A:ASP:H	15	0.13
(3,2064)	1:23:A:LEU:HD23	1:24:A:ASP:H	15	0.13
(3,2059)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	6	0.13
(3,2059)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	6	0.13
(3,2059)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	6	0.13
(3,2059)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	6	0.13
(3,2059)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	6	0.13
(3,2059)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	6	0.13
(3,2027)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	7	0.13
(3,2027)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	7	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2027)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	7	0.13
(3,2027)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	7	0.13
(3,2027)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	7	0.13
(3,2027)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	7	0.13
(3,2027)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	7	0.13
(3,2027)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	7	0.13
(3,2027)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	7	0.13
(3,2027)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	7	0.13
(3,2027)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	7	0.13
(3,2027)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	7	0.13
(3,2027)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	7	0.13
(3,2027)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	7	0.13
(3,2027)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	7	0.13
(3,2027)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	7	0.13
(3,2027)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	7	0.13
(3,2027)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	7	0.13
(3,2027)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	7	0.13
(3,2027)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	7	0.13
(3,2027)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	7	0.13
(3,2027)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	7	0.13
(3,2027)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	7	0.13
(3,2027)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	7	0.13
(3,2027)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	7	0.13
(3,2027)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	7	0.13
(3,2027)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	7	0.13
(3,2027)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	7	0.13
(3,2027)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	7	0.13
(3,2027)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	7	0.13
(3,2027)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	7	0.13
(3,2027)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	7	0.13
(3,2027)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	7	0.13
(3,2027)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	7	0.13
(3,2027)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	7	0.13
(3,2027)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	7	0.13
(3,1881)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	11	0.13
(3,1881)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	11	0.13
(3,1867)	1:61:A:SER:H	1:62:A:HIS:HD2	11	0.13
(3,1830)	1:104:A:PHE:HE1	1:116:A:GLN:HE22	19	0.13
(3,1830)	1:104:A:PHE:HE2	1:116:A:GLN:HE22	19	0.13
(3,1818)	1:15:A:ALA:HA	1:18:A:PHE:HD1	1	0.13
(3,1818)	1:15:A:ALA:HA	1:18:A:PHE:HD2	1	0.13
(3,1803)	1:101:A:ILE:HG21	1:102:A:PRO:HA	3	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1803)	1:101:A:ILE:HG22	1:102:A:PRO:HA	3	0.13
(3,1803)	1:101:A:ILE:HG23	1:102:A:PRO:HA	3	0.13
(3,1766)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.13
(3,1766)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.13
(3,1766)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.13
(3,1753)	1:19:A:ALA:HB1	1:20:A:THR:HG21	5	0.13
(3,1753)	1:19:A:ALA:HB1	1:20:A:THR:HG22	5	0.13
(3,1753)	1:19:A:ALA:HB1	1:20:A:THR:HG23	5	0.13
(3,1753)	1:19:A:ALA:HB2	1:20:A:THR:HG21	5	0.13
(3,1753)	1:19:A:ALA:HB2	1:20:A:THR:HG22	5	0.13
(3,1753)	1:19:A:ALA:HB2	1:20:A:THR:HG23	5	0.13
(3,1753)	1:19:A:ALA:HB3	1:20:A:THR:HG21	5	0.13
(3,1753)	1:19:A:ALA:HB3	1:20:A:THR:HG22	5	0.13
(3,1753)	1:19:A:ALA:HB3	1:20:A:THR:HG23	5	0.13
(3,1735)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	7	0.13
(3,1735)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	7	0.13
(3,1728)	1:14:A:VAL:H	1:43:A:MET:HE1	9	0.13
(3,1728)	1:14:A:VAL:H	1:43:A:MET:HE2	9	0.13
(3,1728)	1:14:A:VAL:H	1:43:A:MET:HE3	9	0.13
(3,1728)	1:14:A:VAL:H	1:43:A:MET:HE1	14	0.13
(3,1728)	1:14:A:VAL:H	1:43:A:MET:HE2	14	0.13
(3,1728)	1:14:A:VAL:H	1:43:A:MET:HE3	14	0.13
(3,1728)	1:14:A:VAL:H	1:43:A:MET:HE1	15	0.13
(3,1728)	1:14:A:VAL:H	1:43:A:MET:HE2	15	0.13
(3,1728)	1:14:A:VAL:H	1:43:A:MET:HE3	15	0.13
(3,1728)	1:14:A:VAL:H	1:43:A:MET:HE1	18	0.13
(3,1728)	1:14:A:VAL:H	1:43:A:MET:HE2	18	0.13
(3,1728)	1:14:A:VAL:H	1:43:A:MET:HE3	18	0.13
(3,1701)	1:110:A:MET:HB3	1:111:A:GLU:HB2	15	0.13
(3,1701)	1:110:A:MET:HB3	1:111:A:GLU:HB3	15	0.13
(3,1661)	1:34:A:LYS:H	1:80:A:TYR:HA	10	0.13
(3,1660)	1:79:A:THR:H	1:80:A:TYR:HA	3	0.13
(3,1649)	1:18:A:PHE:HB2	1:19:A:ALA:HB1	17	0.13
(3,1649)	1:18:A:PHE:HB2	1:19:A:ALA:HB2	17	0.13
(3,1649)	1:18:A:PHE:HB2	1:19:A:ALA:HB3	17	0.13
(3,1649)	1:18:A:PHE:HB3	1:19:A:ALA:HB1	17	0.13
(3,1649)	1:18:A:PHE:HB3	1:19:A:ALA:HB2	17	0.13
(3,1649)	1:18:A:PHE:HB3	1:19:A:ALA:HB3	17	0.13
(3,1639)	1:73:A:ILE:HG21	1:76:A:ARG:H	8	0.13
(3,1639)	1:73:A:ILE:HG22	1:76:A:ARG:H	8	0.13
(3,1639)	1:73:A:ILE:HG23	1:76:A:ARG:H	8	0.13
(3,1639)	1:73:A:ILE:HG21	1:76:A:ARG:H	16	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1639)	1:73:A:ILE:HG22	1:76:A:ARG:H	16	0.13
(3,1639)	1:73:A:ILE:HG23	1:76:A:ARG:H	16	0.13
(3,1632)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	9	0.13
(3,1632)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	9	0.13
(3,1632)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	9	0.13
(3,1631)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	16	0.13
(3,1631)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	16	0.13
(3,1631)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	16	0.13
(3,1618)	1:98:A:ILE:HG21	1:116:A:GLN:H	15	0.13
(3,1618)	1:98:A:ILE:HG22	1:116:A:GLN:H	15	0.13
(3,1618)	1:98:A:ILE:HG23	1:116:A:GLN:H	15	0.13
(3,1576)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	2	0.13
(3,1576)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	2	0.13
(3,1576)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	2	0.13
(3,1557)	1:66:A:THR:HG21	1:69:A:MET:HE1	10	0.13
(3,1557)	1:66:A:THR:HG21	1:69:A:MET:HE2	10	0.13
(3,1557)	1:66:A:THR:HG21	1:69:A:MET:HE3	10	0.13
(3,1557)	1:66:A:THR:HG22	1:69:A:MET:HE1	10	0.13
(3,1557)	1:66:A:THR:HG22	1:69:A:MET:HE2	10	0.13
(3,1557)	1:66:A:THR:HG22	1:69:A:MET:HE3	10	0.13
(3,1557)	1:66:A:THR:HG23	1:69:A:MET:HE1	10	0.13
(3,1557)	1:66:A:THR:HG23	1:69:A:MET:HE2	10	0.13
(3,1557)	1:66:A:THR:HG23	1:69:A:MET:HE3	10	0.13
(3,1541)	1:65:A:CYS:H	1:69:A:MET:HE1	18	0.13
(3,1541)	1:65:A:CYS:H	1:69:A:MET:HE2	18	0.13
(3,1541)	1:65:A:CYS:H	1:69:A:MET:HE3	18	0.13
(3,1540)	1:69:A:MET:HE1	1:114:A:ILE:H	13	0.13
(3,1540)	1:69:A:MET:HE2	1:114:A:ILE:H	13	0.13
(3,1540)	1:69:A:MET:HE3	1:114:A:ILE:H	13	0.13
(3,1539)	1:69:A:MET:HE1	1:110:A:MET:H	3	0.13
(3,1539)	1:69:A:MET:HE2	1:110:A:MET:H	3	0.13
(3,1539)	1:69:A:MET:HE3	1:110:A:MET:H	3	0.13
(3,1534)	1:98:A:ILE:HG21	1:119:A:LEU:HG	16	0.13
(3,1534)	1:98:A:ILE:HG22	1:119:A:LEU:HG	16	0.13
(3,1534)	1:98:A:ILE:HG23	1:119:A:LEU:HG	16	0.13
(3,1525)	1:12:A:VAL:H	1:43:A:MET:HE1	3	0.13
(3,1525)	1:12:A:VAL:H	1:43:A:MET:HE2	3	0.13
(3,1525)	1:12:A:VAL:H	1:43:A:MET:HE3	3	0.13
(3,1502)	1:101:A:ILE:HG21	1:115:A:ALA:H	6	0.13
(3,1502)	1:101:A:ILE:HG22	1:115:A:ALA:H	6	0.13
(3,1502)	1:101:A:ILE:HG23	1:115:A:ALA:H	6	0.13
(3,1502)	1:101:A:ILE:HG21	1:115:A:ALA:H	7	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1502)	1:101:A:ILE:HG22	1:115:A:ALA:H	7	0.13
(3,1502)	1:101:A:ILE:HG23	1:115:A:ALA:H	7	0.13
(3,1437)	1:73:A:ILE:HG21	1:110:A:MET:H	15	0.13
(3,1437)	1:73:A:ILE:HG22	1:110:A:MET:H	15	0.13
(3,1437)	1:73:A:ILE:HG23	1:110:A:MET:H	15	0.13
(3,1428)	1:129:A:LYS:HA	1:132:A:ALA:HB1	18	0.13
(3,1428)	1:129:A:LYS:HA	1:132:A:ALA:HB2	18	0.13
(3,1428)	1:129:A:LYS:HA	1:132:A:ALA:HB3	18	0.13
(3,1418)	1:9:A:PHE:HE1	1:11:A:ILE:HG21	2	0.13
(3,1418)	1:9:A:PHE:HE1	1:11:A:ILE:HG22	2	0.13
(3,1418)	1:9:A:PHE:HE1	1:11:A:ILE:HG23	2	0.13
(3,1418)	1:9:A:PHE:HE2	1:11:A:ILE:HG21	2	0.13
(3,1418)	1:9:A:PHE:HE2	1:11:A:ILE:HG22	2	0.13
(3,1418)	1:9:A:PHE:HE2	1:11:A:ILE:HG23	2	0.13
(3,1408)	1:49:A:LYS:HG2	1:50:A:ALA:HA	19	0.13
(3,1408)	1:49:A:LYS:HG3	1:50:A:ALA:HA	19	0.13
(3,1389)	1:119:A:LEU:HB2	1:121:A:VAL:HG11	15	0.13
(3,1389)	1:119:A:LEU:HB2	1:121:A:VAL:HG12	15	0.13
(3,1389)	1:119:A:LEU:HB2	1:121:A:VAL:HG13	15	0.13
(3,1382)	1:120:A:CYS:H	1:121:A:VAL:HG11	4	0.13
(3,1382)	1:120:A:CYS:H	1:121:A:VAL:HG12	4	0.13
(3,1382)	1:120:A:CYS:H	1:121:A:VAL:HG13	4	0.13
(3,1366)	1:105:A:LYS:HD2	1:106:A:ASP:HA	3	0.13
(3,1366)	1:105:A:LYS:HD3	1:106:A:ASP:HA	3	0.13
(3,1277)	1:37:A:LEU:H	1:37:A:LEU:HD11	14	0.13
(3,1277)	1:37:A:LEU:H	1:37:A:LEU:HD12	14	0.13
(3,1277)	1:37:A:LEU:H	1:37:A:LEU:HD13	14	0.13
(3,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE1	1	0.13
(3,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE2	1	0.13
(3,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE1	6	0.13
(3,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE2	6	0.13
(3,1101)	1:101:A:ILE:HG21	1:112:A:GLN:HA	3	0.13
(3,1101)	1:101:A:ILE:HG22	1:112:A:GLN:HA	3	0.13
(3,1101)	1:101:A:ILE:HG23	1:112:A:GLN:HA	3	0.13
(3,1096)	1:103:A:ARG:HB2	1:104:A:PHE:HA	5	0.13
(3,1096)	1:103:A:ARG:HB3	1:104:A:PHE:HA	5	0.13
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD11	14	0.13
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD12	14	0.13
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD13	14	0.13
(3,1054)	1:63:A:ILE:HG13	1:116:A:GLN:HB2	3	0.13
(3,1054)	1:63:A:ILE:HG13	1:116:A:GLN:HB3	3	0.13
(3,1049)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	11	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1035)	1:149:A:ALA:HB1	1:150:A:THR:HA	10	0.13
(3,1035)	1:149:A:ALA:HB2	1:150:A:THR:HA	10	0.13
(3,1035)	1:149:A:ALA:HB3	1:150:A:THR:HA	10	0.13
(3,1004)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	12	0.13
(3,1004)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	12	0.13
(3,973)	1:96:A:VAL:HB	1:97:A:ASP:H	4	0.13
(3,973)	1:96:A:VAL:HB	1:97:A:ASP:H	9	0.13
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB1	11	0.13
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB2	11	0.13
(3,962)	1:67:A:PRO:HA	1:94:A:ALA:HB3	11	0.13
(3,955)	1:69:A:MET:HG2	1:109:A:PRO:HA	17	0.13
(3,942)	1:81:A:GLU:H	1:81:A:GLU:HG2	19	0.13
(3,942)	1:81:A:GLU:H	1:81:A:GLU:HG3	19	0.13
(3,840)	1:95:A:ILE:HG21	1:97:A:ASP:HB2	2	0.13
(3,840)	1:95:A:ILE:HG21	1:97:A:ASP:HB3	2	0.13
(3,840)	1:95:A:ILE:HG22	1:97:A:ASP:HB2	2	0.13
(3,840)	1:95:A:ILE:HG22	1:97:A:ASP:HB3	2	0.13
(3,840)	1:95:A:ILE:HG23	1:97:A:ASP:HB2	2	0.13
(3,840)	1:95:A:ILE:HG23	1:97:A:ASP:HB3	2	0.13
(3,836)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	4	0.13
(3,836)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	4	0.13
(3,836)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	4	0.13
(3,836)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	4	0.13
(3,836)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	4	0.13
(3,836)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	4	0.13
(3,836)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	4	0.13
(3,836)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	4	0.13
(3,836)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	4	0.13
(3,827)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	10	0.13
(3,827)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	10	0.13
(3,827)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	10	0.13
(3,827)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	10	0.13
(3,827)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	10	0.13
(3,827)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	10	0.13
(3,789)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	6	0.13
(3,789)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	6	0.13
(3,789)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	6	0.13
(3,789)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	6	0.13
(3,789)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	6	0.13
(3,789)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	6	0.13
(3,781)	1:73:A:ILE:HD11	1:113:A:PHE:H	14	0.13
(3,781)	1:73:A:ILE:HD12	1:113:A:PHE:H	14	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,781)	1:73:A:ILE:HD13	1:113:A:PHE:H	14	0.13
(3,778)	1:101:A:ILE:HD11	1:118:A:ASP:HB3	7	0.13
(3,778)	1:101:A:ILE:HD12	1:118:A:ASP:HB3	7	0.13
(3,778)	1:101:A:ILE:HD13	1:118:A:ASP:HB3	7	0.13
(3,677)	1:101:A:ILE:HD11	1:116:A:GLN:H	1	0.13
(3,677)	1:101:A:ILE:HD12	1:116:A:GLN:H	1	0.13
(3,677)	1:101:A:ILE:HD13	1:116:A:GLN:H	1	0.13
(3,663)	1:101:A:ILE:H	1:104:A:PHE:HB3	9	0.13
(3,627)	1:34:A:LYS:HG2	1:35:A:LEU:H	6	0.13
(3,627)	1:34:A:LYS:HG3	1:35:A:LEU:H	6	0.13
(3,624)	1:118:A:ASP:H	1:120:A:CYS:H	6	0.13
(3,619)	1:55:A:GLY:H	1:58:A:ILE:HB	14	0.13
(3,586)	1:126:A:GLY:H	1:128:A:LEU:HG	1	0.13
(3,572)	1:98:A:ILE:HG13	1:116:A:GLN:H	5	0.13
(3,522)	1:67:A:PRO:HA	1:71:A:LYS:H	15	0.13
(3,515)	1:67:A:PRO:HB2	1:71:A:LYS:H	13	0.13
(3,515)	1:67:A:PRO:HB3	1:71:A:LYS:H	13	0.13
(3,478)	1:103:A:ARG:H	1:103:A:ARG:HG2	11	0.13
(3,478)	1:103:A:ARG:H	1:103:A:ARG:HG3	11	0.13
(3,413)	1:125:A:THR:H	1:128:A:LEU:HG	7	0.13
(3,351)	1:123:A:CYS:H	1:128:A:LEU:HD11	18	0.13
(3,351)	1:123:A:CYS:H	1:128:A:LEU:HD12	18	0.13
(3,351)	1:123:A:CYS:H	1:128:A:LEU:HD13	18	0.13
(3,326)	1:46:A:ASN:H	1:49:A:LYS:HB2	4	0.13
(3,326)	1:46:A:ASN:H	1:49:A:LYS:HB3	4	0.13
(3,233)	1:10:A:ASN:H	1:13:A:ALA:HB1	7	0.13
(3,233)	1:10:A:ASN:H	1:13:A:ALA:HB2	7	0.13
(3,233)	1:10:A:ASN:H	1:13:A:ALA:HB3	7	0.13
(3,204)	1:101:A:ILE:H	1:101:A:ILE:HB	3	0.13
(3,150)	1:138:A:ASP:H	1:140:A:LEU:HB2	3	0.13
(3,149)	1:131:A:LEU:H	1:131:A:LEU:HG	5	0.13
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD11	18	0.13
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD12	18	0.13
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD13	18	0.13
(3,62)	1:117:A:VAL:H	1:118:A:ASP:HB2	9	0.13
(3,10)	1:63:A:ILE:HG13	1:64:A:LYS:H	5	0.13
(2,2479)	1:151:A:PHE:H	1:151:A:PHE:HB2	9	0.13
(2,2479)	1:151:A:PHE:H	1:151:A:PHE:HB3	9	0.13
(2,2479)	1:151:A:PHE:H	1:151:A:PHE:HB2	18	0.13
(2,2479)	1:151:A:PHE:H	1:151:A:PHE:HB3	18	0.13
(2,2456)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	5	0.13
(2,2456)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	5	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2456)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	5	0.13
(2,2456)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	5	0.13
(2,2456)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	5	0.13
(2,2456)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	5	0.13
(2,2412)	1:131:A:LEU:H	1:134:A:VAL:HG11	12	0.13
(2,2412)	1:131:A:LEU:H	1:134:A:VAL:HG12	12	0.13
(2,2412)	1:131:A:LEU:H	1:134:A:VAL:HG13	12	0.13
(2,2412)	1:131:A:LEU:H	1:134:A:VAL:HG21	12	0.13
(2,2412)	1:131:A:LEU:H	1:134:A:VAL:HG22	12	0.13
(2,2412)	1:131:A:LEU:H	1:134:A:VAL:HG23	12	0.13
(2,2365)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	17	0.13
(2,2365)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	17	0.13
(2,2365)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	17	0.13
(2,2365)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	17	0.13
(2,2315)	1:98:A:ILE:HG21	1:116:A:GLN:HG2	6	0.13
(2,2315)	1:98:A:ILE:HG21	1:116:A:GLN:HG3	6	0.13
(2,2315)	1:98:A:ILE:HG22	1:116:A:GLN:HG2	6	0.13
(2,2315)	1:98:A:ILE:HG22	1:116:A:GLN:HG3	6	0.13
(2,2315)	1:98:A:ILE:HG23	1:116:A:GLN:HG2	6	0.13
(2,2315)	1:98:A:ILE:HG23	1:116:A:GLN:HG3	6	0.13
(2,2298)	1:80:A:TYR:HD1	1:81:A:GLU:HB2	14	0.13
(2,2298)	1:80:A:TYR:HD1	1:81:A:GLU:HB3	14	0.13
(2,2298)	1:80:A:TYR:HD2	1:81:A:GLU:HB2	14	0.13
(2,2298)	1:80:A:TYR:HD2	1:81:A:GLU:HB3	14	0.13
(2,2273)	1:70:A:LYS:H	1:70:A:LYS:HD2	19	0.13
(2,2273)	1:70:A:LYS:H	1:70:A:LYS:HD3	19	0.13
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG11	10	0.13
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG12	10	0.13
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG13	10	0.13
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG21	10	0.13
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG22	10	0.13
(2,2254)	1:66:A:THR:H	1:96:A:VAL:HG23	10	0.13
(2,2230)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	5	0.13
(2,2230)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	5	0.13
(2,2230)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	5	0.13
(2,2230)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	5	0.13
(2,2230)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	5	0.13
(2,2230)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	5	0.13
(2,2173)	1:44:A:GLU:HG2	1:46:A:ASN:H	11	0.13
(2,2173)	1:44:A:GLU:HG3	1:46:A:ASN:H	11	0.13
(2,2140)	1:40:A:LEU:HD11	1:41:A:LYS:H	19	0.13
(2,2140)	1:40:A:LEU:HD12	1:41:A:LYS:H	19	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2140)	1:40:A:LEU:HD13	1:41:A:LYS:H	19	0.13
(2,2140)	1:40:A:LEU:HD21	1:41:A:LYS:H	19	0.13
(2,2140)	1:40:A:LEU:HD22	1:41:A:LYS:H	19	0.13
(2,2140)	1:40:A:LEU:HD23	1:41:A:LYS:H	19	0.13
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD11	17	0.13
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD12	17	0.13
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD13	17	0.13
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD21	17	0.13
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD22	17	0.13
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD23	17	0.13
(2,2101)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	12	0.13
(2,2101)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	12	0.13
(2,2101)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	12	0.13
(2,2101)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	12	0.13
(2,2101)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	12	0.13
(2,2101)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	12	0.13
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG11	10	0.13
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG12	10	0.13
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG13	10	0.13
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG21	10	0.13
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG22	10	0.13
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG23	10	0.13
(2,2096)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	9	0.13
(2,2096)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	9	0.13
(2,2096)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	9	0.13
(2,2096)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	9	0.13
(2,2096)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	9	0.13
(2,2096)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	9	0.13
(2,2095)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	18	0.13
(2,2095)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	18	0.13
(2,2095)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	18	0.13
(2,2095)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	18	0.13
(2,2095)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	18	0.13
(2,2095)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	18	0.13
(2,2051)	1:22:A:ASP:H	1:23:A:LEU:HD11	6	0.13
(2,2051)	1:22:A:ASP:H	1:23:A:LEU:HD12	6	0.13
(2,2051)	1:22:A:ASP:H	1:23:A:LEU:HD13	6	0.13
(2,2051)	1:22:A:ASP:H	1:23:A:LEU:HD21	6	0.13
(2,2051)	1:22:A:ASP:H	1:23:A:LEU:HD22	6	0.13
(2,2051)	1:22:A:ASP:H	1:23:A:LEU:HD23	6	0.13
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD11	18	0.13
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD12	18	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD13	18	0.13
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD21	18	0.13
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD22	18	0.13
(2,2014)	1:14:A:VAL:HG11	1:57:A:LEU:HD23	18	0.13
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD11	18	0.13
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD12	18	0.13
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD13	18	0.13
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD21	18	0.13
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD22	18	0.13
(2,2014)	1:14:A:VAL:HG12	1:57:A:LEU:HD23	18	0.13
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD11	18	0.13
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD12	18	0.13
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD13	18	0.13
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD21	18	0.13
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD22	18	0.13
(2,2014)	1:14:A:VAL:HG13	1:57:A:LEU:HD23	18	0.13
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD11	18	0.13
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD12	18	0.13
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD13	18	0.13
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD21	18	0.13
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD22	18	0.13
(2,2014)	1:14:A:VAL:HG21	1:57:A:LEU:HD23	18	0.13
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD11	18	0.13
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD12	18	0.13
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD13	18	0.13
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD21	18	0.13
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD22	18	0.13
(2,2014)	1:14:A:VAL:HG22	1:57:A:LEU:HD23	18	0.13
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD11	18	0.13
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD12	18	0.13
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD13	18	0.13
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD21	18	0.13
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD22	18	0.13
(2,2014)	1:14:A:VAL:HG23	1:57:A:LEU:HD23	18	0.13
(2,1979)	1:11:A:ILE:HG12	1:44:A:GLU:HG2	19	0.13
(2,1979)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	19	0.13
(2,1938)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	2	0.13
(2,1880)	1:9:A:PHE:HD1	1:11:A:ILE:HG12	11	0.13
(2,1880)	1:9:A:PHE:HD2	1:11:A:ILE:HG12	11	0.13
(2,1852)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	19	0.13
(2,1852)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	19	0.13
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	16	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	16	0.13
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	16	0.13
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	16	0.13
(2,1816)	1:15:A:ALA:HA	1:18:A:PHE:HD1	1	0.13
(2,1816)	1:15:A:ALA:HA	1:18:A:PHE:HD2	1	0.13
(2,1792)	1:101:A:ILE:HG21	1:102:A:PRO:HA	3	0.13
(2,1792)	1:101:A:ILE:HG22	1:102:A:PRO:HA	3	0.13
(2,1792)	1:101:A:ILE:HG23	1:102:A:PRO:HA	3	0.13
(2,1752)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.13
(2,1752)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.13
(2,1752)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.13
(2,1751)	1:98:A:ILE:HG21	1:102:A:PRO:HD2	15	0.13
(2,1751)	1:98:A:ILE:HG22	1:102:A:PRO:HD2	15	0.13
(2,1751)	1:98:A:ILE:HG23	1:102:A:PRO:HD2	15	0.13
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD21	8	0.13
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD22	8	0.13
(2,1748)	1:39:A:VAL:HB	1:144:A:LEU:HD23	8	0.13
(2,1722)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	11	0.13
(2,1721)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	7	0.13
(2,1721)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	7	0.13
(2,1689)	1:110:A:MET:HB3	1:111:A:GLU:HB2	15	0.13
(2,1689)	1:110:A:MET:HB3	1:111:A:GLU:HB3	15	0.13
(2,1674)	1:69:A:MET:HE1	1:117:A:VAL:HG21	8	0.13
(2,1674)	1:69:A:MET:HE1	1:117:A:VAL:HG22	8	0.13
(2,1674)	1:69:A:MET:HE1	1:117:A:VAL:HG23	8	0.13
(2,1674)	1:69:A:MET:HE2	1:117:A:VAL:HG21	8	0.13
(2,1674)	1:69:A:MET:HE2	1:117:A:VAL:HG22	8	0.13
(2,1674)	1:69:A:MET:HE2	1:117:A:VAL:HG23	8	0.13
(2,1674)	1:69:A:MET:HE3	1:117:A:VAL:HG21	8	0.13
(2,1674)	1:69:A:MET:HE3	1:117:A:VAL:HG22	8	0.13
(2,1674)	1:69:A:MET:HE3	1:117:A:VAL:HG23	8	0.13
(2,1646)	1:79:A:THR:H	1:80:A:TYR:HA	3	0.13
(2,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	8	0.13
(2,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	8	0.13
(2,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	8	0.13
(2,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	16	0.13
(2,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	16	0.13
(2,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	16	0.13
(2,1620)	1:72:A:PHE:H	1:73:A:ILE:HG21	8	0.13
(2,1620)	1:72:A:PHE:H	1:73:A:ILE:HG22	8	0.13
(2,1620)	1:72:A:PHE:H	1:73:A:ILE:HG23	8	0.13
(2,1613)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	9	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1613)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	9	0.13
(2,1613)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	9	0.13
(2,1612)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	16	0.13
(2,1612)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	16	0.13
(2,1612)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	16	0.13
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	9	0.13
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	9	0.13
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	9	0.13
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	9	0.13
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	9	0.13
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	9	0.13
(2,1600)	1:98:A:ILE:HG21	1:116:A:GLN:H	15	0.13
(2,1600)	1:98:A:ILE:HG22	1:116:A:GLN:H	15	0.13
(2,1600)	1:98:A:ILE:HG23	1:116:A:GLN:H	15	0.13
(2,1536)	1:69:A:MET:HE1	1:73:A:ILE:HD11	8	0.13
(2,1536)	1:69:A:MET:HE1	1:73:A:ILE:HD12	8	0.13
(2,1536)	1:69:A:MET:HE1	1:73:A:ILE:HD13	8	0.13
(2,1536)	1:69:A:MET:HE2	1:73:A:ILE:HD11	8	0.13
(2,1536)	1:69:A:MET:HE2	1:73:A:ILE:HD12	8	0.13
(2,1536)	1:69:A:MET:HE2	1:73:A:ILE:HD13	8	0.13
(2,1536)	1:69:A:MET:HE3	1:73:A:ILE:HD11	8	0.13
(2,1536)	1:69:A:MET:HE3	1:73:A:ILE:HD12	8	0.13
(2,1536)	1:69:A:MET:HE3	1:73:A:ILE:HD13	8	0.13
(2,1518)	1:65:A:CYS:H	1:69:A:MET:HE1	18	0.13
(2,1518)	1:65:A:CYS:H	1:69:A:MET:HE2	18	0.13
(2,1518)	1:65:A:CYS:H	1:69:A:MET:HE3	18	0.13
(2,1517)	1:69:A:MET:HE1	1:114:A:ILE:H	13	0.13
(2,1517)	1:69:A:MET:HE2	1:114:A:ILE:H	13	0.13
(2,1517)	1:69:A:MET:HE3	1:114:A:ILE:H	13	0.13
(2,1516)	1:69:A:MET:HE1	1:110:A:MET:H	3	0.13
(2,1516)	1:69:A:MET:HE2	1:110:A:MET:H	3	0.13
(2,1516)	1:69:A:MET:HE3	1:110:A:MET:H	3	0.13
(2,1485)	1:101:A:ILE:HG21	1:116:A:GLN:H	10	0.13
(2,1485)	1:101:A:ILE:HG22	1:116:A:GLN:H	10	0.13
(2,1485)	1:101:A:ILE:HG23	1:116:A:GLN:H	10	0.13
(2,1482)	1:101:A:ILE:HG21	1:115:A:ALA:H	6	0.13
(2,1482)	1:101:A:ILE:HG22	1:115:A:ALA:H	6	0.13
(2,1482)	1:101:A:ILE:HG23	1:115:A:ALA:H	6	0.13
(2,1482)	1:101:A:ILE:HG21	1:115:A:ALA:H	7	0.13
(2,1482)	1:101:A:ILE:HG22	1:115:A:ALA:H	7	0.13
(2,1482)	1:101:A:ILE:HG23	1:115:A:ALA:H	7	0.13
(2,1475)	1:45:A:ALA:HB1	1:47:A:ALA:H	8	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1475)	1:45:A:ALA:HB2	1:47:A:ALA:H	8	0.13
(2,1475)	1:45:A:ALA:HB3	1:47:A:ALA:H	8	0.13
(2,1434)	1:121:A:VAL:HG21	1:122:A:ASP:H	15	0.13
(2,1434)	1:121:A:VAL:HG22	1:122:A:ASP:H	15	0.13
(2,1434)	1:121:A:VAL:HG23	1:122:A:ASP:H	15	0.13
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG21	15	0.13
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG22	15	0.13
(2,1429)	1:149:A:ALA:HB1	1:150:A:THR:HG23	15	0.13
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG21	15	0.13
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG22	15	0.13
(2,1429)	1:149:A:ALA:HB2	1:150:A:THR:HG23	15	0.13
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG21	15	0.13
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG22	15	0.13
(2,1429)	1:149:A:ALA:HB3	1:150:A:THR:HG23	15	0.13
(2,1411)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	10	0.13
(2,1411)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	10	0.13
(2,1411)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	10	0.13
(2,1388)	1:49:A:LYS:H	1:50:A:ALA:HA	6	0.13
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG11	11	0.13
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG12	11	0.13
(2,1363)	1:39:A:VAL:H	1:39:A:VAL:HG13	11	0.13
(2,1362)	1:39:A:VAL:HG11	1:143:A:TRP:H	5	0.13
(2,1362)	1:39:A:VAL:HG12	1:143:A:TRP:H	5	0.13
(2,1362)	1:39:A:VAL:HG13	1:143:A:TRP:H	5	0.13
(2,1360)	1:120:A:CYS:H	1:121:A:VAL:HG11	4	0.13
(2,1360)	1:120:A:CYS:H	1:121:A:VAL:HG12	4	0.13
(2,1360)	1:120:A:CYS:H	1:121:A:VAL:HG13	4	0.13
(2,1340)	1:105:A:LYS:HD2	1:106:A:ASP:HA	3	0.13
(2,1340)	1:105:A:LYS:HD3	1:106:A:ASP:HA	3	0.13
(2,1318)	1:8:A:ASP:HA	1:9:A:PHE:HD1	10	0.13
(2,1318)	1:8:A:ASP:HA	1:9:A:PHE:HD2	10	0.13
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	6	0.13
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	6	0.13
(2,1286)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	6	0.13
(2,1277)	1:15:A:ALA:HA	1:131:A:LEU:HG	2	0.13
(2,1272)	1:30:A:LEU:HD11	1:145:A:PRO:HD2	14	0.13
(2,1272)	1:30:A:LEU:HD12	1:145:A:PRO:HD2	14	0.13
(2,1272)	1:30:A:LEU:HD13	1:145:A:PRO:HD2	14	0.13
(2,1249)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	18	0.13
(2,1249)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	18	0.13
(2,1249)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	18	0.13
(2,1244)	1:37:A:LEU:H	1:37:A:LEU:HD11	14	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1244)	1:37:A:LEU:H	1:37:A:LEU:HD12	14	0.13
(2,1244)	1:37:A:LEU:H	1:37:A:LEU:HD13	14	0.13
(2,1232)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	9	0.13
(2,1232)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	9	0.13
(2,1232)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	9	0.13
(2,1172)	1:128:A:LEU:HD11	1:129:A:LYS:H	15	0.13
(2,1172)	1:128:A:LEU:HD12	1:129:A:LYS:H	15	0.13
(2,1172)	1:128:A:LEU:HD13	1:129:A:LYS:H	15	0.13
(2,1062)	1:54:A:ARG:HA	1:58:A:ILE:HG13	2	0.13
(2,1030)	1:63:A:ILE:HG13	1:116:A:GLN:HB2	3	0.13
(2,1030)	1:63:A:ILE:HG13	1:116:A:GLN:HB3	3	0.13
(2,1005)	1:66:A:THR:HG21	1:96:A:VAL:HA	11	0.13
(2,1005)	1:66:A:THR:HG22	1:96:A:VAL:HA	11	0.13
(2,1005)	1:66:A:THR:HG23	1:96:A:VAL:HA	11	0.13
(2,936)	1:39:A:VAL:HA	1:140:A:LEU:HD11	9	0.13
(2,936)	1:39:A:VAL:HA	1:140:A:LEU:HD12	9	0.13
(2,936)	1:39:A:VAL:HA	1:140:A:LEU:HD13	9	0.13
(2,886)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	17	0.13
(2,886)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	17	0.13
(2,886)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	17	0.13
(2,809)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	10	0.13
(2,809)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	10	0.13
(2,809)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	10	0.13
(2,809)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	10	0.13
(2,809)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	10	0.13
(2,809)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	10	0.13
(2,808)	1:64:A:LYS:H	1:98:A:ILE:HD11	19	0.13
(2,808)	1:64:A:LYS:H	1:98:A:ILE:HD12	19	0.13
(2,808)	1:64:A:LYS:H	1:98:A:ILE:HD13	19	0.13
(2,772)	1:101:A:ILE:HD11	1:116:A:GLN:HA	8	0.13
(2,772)	1:101:A:ILE:HD12	1:116:A:GLN:HA	8	0.13
(2,772)	1:101:A:ILE:HD13	1:116:A:GLN:HA	8	0.13
(2,770)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	6	0.13
(2,770)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	6	0.13
(2,770)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	6	0.13
(2,770)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	6	0.13
(2,770)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	6	0.13
(2,770)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	6	0.13
(2,763)	1:73:A:ILE:HD11	1:113:A:PHE:H	14	0.13
(2,763)	1:73:A:ILE:HD12	1:113:A:PHE:H	14	0.13
(2,763)	1:73:A:ILE:HD13	1:113:A:PHE:H	14	0.13
(2,712)	1:9:A:PHE:HD1	1:54:A:ARG:HE	5	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,712)	1:9:A:PHE:HD2	1:54:A:ARG:HE	5	0.13
(2,712)	1:9:A:PHE:HD1	1:54:A:ARG:HE	19	0.13
(2,712)	1:9:A:PHE:HD2	1:54:A:ARG:HE	19	0.13
(2,668)	1:101:A:ILE:HD11	1:116:A:GLN:H	1	0.13
(2,668)	1:101:A:ILE:HD12	1:116:A:GLN:H	1	0.13
(2,668)	1:101:A:ILE:HD13	1:116:A:GLN:H	1	0.13
(2,618)	1:118:A:ASP:H	1:120:A:CYS:H	6	0.13
(2,613)	1:55:A:GLY:H	1:58:A:ILE:HB	14	0.13
(2,611)	1:47:A:ALA:HB1	1:51:A:GLY:H	2	0.13
(2,611)	1:47:A:ALA:HB2	1:51:A:GLY:H	2	0.13
(2,611)	1:47:A:ALA:HB3	1:51:A:GLY:H	2	0.13
(2,560)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	15	0.13
(2,540)	1:60:A:LEU:HD11	1:61:A:SER:H	4	0.13
(2,540)	1:60:A:LEU:HD12	1:61:A:SER:H	4	0.13
(2,540)	1:60:A:LEU:HD13	1:61:A:SER:H	4	0.13
(2,540)	1:60:A:LEU:HD11	1:61:A:SER:H	9	0.13
(2,540)	1:60:A:LEU:HD12	1:61:A:SER:H	9	0.13
(2,540)	1:60:A:LEU:HD13	1:61:A:SER:H	9	0.13
(2,519)	1:67:A:PRO:HA	1:71:A:LYS:H	15	0.13
(2,511)	1:105:A:LYS:H	1:106:A:ASP:HB3	8	0.13
(2,412)	1:125:A:THR:H	1:125:A:THR:HB	11	0.13
(2,412)	1:125:A:THR:H	1:125:A:THR:HB	18	0.13
(2,236)	1:47:A:ALA:HB1	1:50:A:ALA:H	2	0.13
(2,236)	1:47:A:ALA:HB2	1:50:A:ALA:H	2	0.13
(2,236)	1:47:A:ALA:HB3	1:50:A:ALA:H	2	0.13
(2,236)	1:47:A:ALA:HB1	1:50:A:ALA:H	14	0.13
(2,236)	1:47:A:ALA:HB2	1:50:A:ALA:H	14	0.13
(2,236)	1:47:A:ALA:HB3	1:50:A:ALA:H	14	0.13
(2,236)	1:47:A:ALA:HB1	1:50:A:ALA:H	19	0.13
(2,236)	1:47:A:ALA:HB2	1:50:A:ALA:H	19	0.13
(2,236)	1:47:A:ALA:HB3	1:50:A:ALA:H	19	0.13
(2,203)	1:101:A:ILE:H	1:101:A:ILE:HB	3	0.13
(2,169)	1:116:A:GLN:HA	1:120:A:CYS:H	8	0.13
(2,117)	1:10:A:ASN:HD22	1:80:A:TYR:H	19	0.13
(2,79)	1:43:A:MET:HB2	1:45:A:ALA:H	9	0.13
(2,59)	1:117:A:VAL:H	1:118:A:ASP:HB2	9	0.13
(2,54)	1:47:A:ALA:H	1:134:A:VAL:HG21	18	0.13
(2,54)	1:47:A:ALA:H	1:134:A:VAL:HG22	18	0.13
(2,54)	1:47:A:ALA:H	1:134:A:VAL:HG23	18	0.13
(1,2433)	1:140:A:LEU:HD11	1:143:A:TRP:H	10	0.13
(1,2433)	1:140:A:LEU:HD12	1:143:A:TRP:H	10	0.13
(1,2433)	1:140:A:LEU:HD13	1:143:A:TRP:H	10	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2433)	1:140:A:LEU:HD21	1:143:A:TRP:H	10	0.13
(1,2433)	1:140:A:LEU:HD22	1:143:A:TRP:H	10	0.13
(1,2433)	1:140:A:LEU:HD23	1:143:A:TRP:H	10	0.13
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	17	0.13
(1,2401)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	17	0.13
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	17	0.13
(1,2401)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	17	0.13
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	17	0.13
(1,2401)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	17	0.13
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	17	0.13
(1,2401)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	17	0.13
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	17	0.13
(1,2401)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	17	0.13
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	17	0.13
(1,2401)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	17	0.13
(1,2316)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	17	0.13
(1,2316)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	17	0.13
(1,2316)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	17	0.13
(1,2316)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	17	0.13
(1,2278)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	5	0.13
(1,2278)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	5	0.13
(1,2278)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	5	0.13
(1,2278)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	5	0.13
(1,2278)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	5	0.13
(1,2278)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	5	0.13
(1,2278)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	5	0.13
(1,2278)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	5	0.13
(1,2278)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	5	0.13
(1,2278)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	5	0.13
(1,2278)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	5	0.13
(1,2278)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	5	0.13
(1,2278)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	5	0.13
(1,2278)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	5	0.13
(1,2278)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	5	0.13
(1,2278)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	5	0.13
(1,2278)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	5	0.13
(1,2278)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	5	0.13
(1,2264)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	1	0.13
(1,2264)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	1	0.13
(1,2264)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	1	0.13
(1,2264)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	1	0.13
(1,2264)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	1	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2264)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	1	0.13
(1,2264)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	1	0.13
(1,2264)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	1	0.13
(1,2264)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	1	0.13
(1,2264)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	1	0.13
(1,2264)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	1	0.13
(1,2264)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	1	0.13
(1,2264)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	1	0.13
(1,2264)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	1	0.13
(1,2264)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	1	0.13
(1,2264)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	1	0.13
(1,2264)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	1	0.13
(1,2264)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	1	0.13
(1,2253)	1:79:A:THR:HG21	1:81:A:GLU:HB2	13	0.13
(1,2253)	1:79:A:THR:HG21	1:81:A:GLU:HB3	13	0.13
(1,2253)	1:79:A:THR:HG22	1:81:A:GLU:HB2	13	0.13
(1,2253)	1:79:A:THR:HG22	1:81:A:GLU:HB3	13	0.13
(1,2253)	1:79:A:THR:HG23	1:81:A:GLU:HB2	13	0.13
(1,2253)	1:79:A:THR:HG23	1:81:A:GLU:HB3	13	0.13
(1,2222)	1:69:A:MET:HG2	1:109:A:PRO:HA	19	0.13
(1,2222)	1:69:A:MET:HG3	1:109:A:PRO:HA	19	0.13
(1,2151)	1:48:A:ARG:H	1:57:A:LEU:HD11	10	0.13
(1,2151)	1:48:A:ARG:H	1:57:A:LEU:HD12	10	0.13
(1,2151)	1:48:A:ARG:H	1:57:A:LEU:HD13	10	0.13
(1,2151)	1:48:A:ARG:H	1:57:A:LEU:HD21	10	0.13
(1,2151)	1:48:A:ARG:H	1:57:A:LEU:HD22	10	0.13
(1,2151)	1:48:A:ARG:H	1:57:A:LEU:HD23	10	0.13
(1,2101)	1:39:A:VAL:HG11	1:41:A:LYS:H	10	0.13
(1,2101)	1:39:A:VAL:HG12	1:41:A:LYS:H	10	0.13
(1,2101)	1:39:A:VAL:HG13	1:41:A:LYS:H	10	0.13
(1,2101)	1:39:A:VAL:HG21	1:41:A:LYS:H	10	0.13
(1,2101)	1:39:A:VAL:HG22	1:41:A:LYS:H	10	0.13
(1,2101)	1:39:A:VAL:HG23	1:41:A:LYS:H	10	0.13
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD11	12	0.13
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD12	12	0.13
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD13	12	0.13
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD21	12	0.13
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD22	12	0.13
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD23	12	0.13
(1,2081)	1:36:A:PRO:HB2	1:139:A:LEU:HD11	12	0.13
(1,2081)	1:36:A:PRO:HB2	1:139:A:LEU:HD12	12	0.13
(1,2081)	1:36:A:PRO:HB2	1:139:A:LEU:HD13	12	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2081)	1:36:A:PRO:HB2	1:139:A:LEU:HD21	12	0.13
(1,2081)	1:36:A:PRO:HB2	1:139:A:LEU:HD22	12	0.13
(1,2081)	1:36:A:PRO:HB2	1:139:A:LEU:HD23	12	0.13
(1,2073)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	18	0.13
(1,2073)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	18	0.13
(1,2073)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	18	0.13
(1,2073)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	18	0.13
(1,2073)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	18	0.13
(1,2073)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	18	0.13
(1,2029)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	15	0.13
(1,2029)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	15	0.13
(1,2029)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	15	0.13
(1,2029)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	15	0.13
(1,2029)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	15	0.13
(1,2029)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	15	0.13
(1,2029)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	15	0.13
(1,2029)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	15	0.13
(1,2029)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	15	0.13
(1,2029)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	15	0.13
(1,2029)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	15	0.13
(1,2029)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	15	0.13
(1,2027)	1:23:A:LEU:HD11	1:26:A:ASP:HA	5	0.13
(1,2027)	1:23:A:LEU:HD12	1:26:A:ASP:HA	5	0.13
(1,2027)	1:23:A:LEU:HD13	1:26:A:ASP:HA	5	0.13
(1,2027)	1:23:A:LEU:HD21	1:26:A:ASP:HA	5	0.13
(1,2027)	1:23:A:LEU:HD22	1:26:A:ASP:HA	5	0.13
(1,2027)	1:23:A:LEU:HD23	1:26:A:ASP:HA	5	0.13
(1,2026)	1:23:A:LEU:HD11	1:25:A:ALA:H	3	0.13
(1,2026)	1:23:A:LEU:HD12	1:25:A:ALA:H	3	0.13
(1,2026)	1:23:A:LEU:HD13	1:25:A:ALA:H	3	0.13
(1,2026)	1:23:A:LEU:HD21	1:25:A:ALA:H	3	0.13
(1,2026)	1:23:A:LEU:HD22	1:25:A:ALA:H	3	0.13
(1,2026)	1:23:A:LEU:HD23	1:25:A:ALA:H	3	0.13
(1,1980)	1:14:A:VAL:HG11	1:62:A:HIS:H	17	0.13
(1,1980)	1:14:A:VAL:HG12	1:62:A:HIS:H	17	0.13
(1,1980)	1:14:A:VAL:HG13	1:62:A:HIS:H	17	0.13
(1,1980)	1:14:A:VAL:HG21	1:62:A:HIS:H	17	0.13
(1,1980)	1:14:A:VAL:HG22	1:62:A:HIS:H	17	0.13
(1,1980)	1:14:A:VAL:HG23	1:62:A:HIS:H	17	0.13
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	4	0.13
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	4	0.13
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	4	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	4	0.13
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	4	0.13
(1,1952)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	4	0.13
(1,1915)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	19	0.13
(1,1915)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	19	0.13
(1,1915)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	19	0.13
(1,1915)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	19	0.13
(1,1915)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	19	0.13
(1,1915)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	19	0.13
(1,1856)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	14	0.13
(1,1856)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	14	0.13
(1,1856)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	14	0.13
(1,1848)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	8	0.13
(1,1848)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	8	0.13
(1,1818)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	1	0.13
(1,1818)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	1	0.13
(1,1818)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	1	0.13
(1,1818)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	1	0.13
(1,1818)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	1	0.13
(1,1818)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	1	0.13
(1,1803)	1:15:A:ALA:HA	1:18:A:PHE:HD1	1	0.13
(1,1803)	1:15:A:ALA:HA	1:18:A:PHE:HD2	1	0.13
(1,1745)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	3	0.13
(1,1745)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	3	0.13
(1,1745)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	3	0.13
(1,1739)	1:21:A:THR:HG21	1:22:A:ASP:HA	5	0.13
(1,1739)	1:21:A:THR:HG22	1:22:A:ASP:HA	5	0.13
(1,1739)	1:21:A:THR:HG23	1:22:A:ASP:HA	5	0.13
(1,1717)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	11	0.13
(1,1716)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	7	0.13
(1,1716)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	7	0.13
(1,1681)	1:107:A:LEU:H	1:111:A:GLU:HB2	14	0.13
(1,1681)	1:107:A:LEU:H	1:111:A:GLU:HB3	14	0.13
(1,1670)	1:69:A:MET:HE1	1:116:A:GLN:HE21	13	0.13
(1,1670)	1:69:A:MET:HE2	1:116:A:GLN:HE21	13	0.13
(1,1670)	1:69:A:MET:HE3	1:116:A:GLN:HE21	13	0.13
(1,1620)	1:73:A:ILE:HG21	1:76:A:ARG:H	8	0.13
(1,1620)	1:73:A:ILE:HG22	1:76:A:ARG:H	8	0.13
(1,1620)	1:73:A:ILE:HG23	1:76:A:ARG:H	8	0.13
(1,1620)	1:73:A:ILE:HG21	1:76:A:ARG:H	16	0.13
(1,1620)	1:73:A:ILE:HG22	1:76:A:ARG:H	16	0.13
(1,1620)	1:73:A:ILE:HG23	1:76:A:ARG:H	16	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1603)	1:98:A:ILE:HG21	1:104:A:PHE:HE1	14	0.13
(1,1603)	1:98:A:ILE:HG21	1:104:A:PHE:HE2	14	0.13
(1,1603)	1:98:A:ILE:HG22	1:104:A:PHE:HE1	14	0.13
(1,1603)	1:98:A:ILE:HG22	1:104:A:PHE:HE2	14	0.13
(1,1603)	1:98:A:ILE:HG23	1:104:A:PHE:HE1	14	0.13
(1,1603)	1:98:A:ILE:HG23	1:104:A:PHE:HE2	14	0.13
(1,1586)	1:61:A:SER:HA	1:63:A:ILE:HD11	8	0.13
(1,1586)	1:61:A:SER:HA	1:63:A:ILE:HD12	8	0.13
(1,1586)	1:61:A:SER:HA	1:63:A:ILE:HD13	8	0.13
(1,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD21	13	0.13
(1,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD22	13	0.13
(1,1565)	1:38:A:GLU:HA	1:139:A:LEU:HD23	13	0.13
(1,1550)	1:69:A:MET:HE1	1:73:A:ILE:HD11	8	0.13
(1,1550)	1:69:A:MET:HE1	1:73:A:ILE:HD12	8	0.13
(1,1550)	1:69:A:MET:HE1	1:73:A:ILE:HD13	8	0.13
(1,1550)	1:69:A:MET:HE2	1:73:A:ILE:HD11	8	0.13
(1,1550)	1:69:A:MET:HE2	1:73:A:ILE:HD12	8	0.13
(1,1550)	1:69:A:MET:HE2	1:73:A:ILE:HD13	8	0.13
(1,1550)	1:69:A:MET:HE3	1:73:A:ILE:HD11	8	0.13
(1,1550)	1:69:A:MET:HE3	1:73:A:ILE:HD12	8	0.13
(1,1550)	1:69:A:MET:HE3	1:73:A:ILE:HD13	8	0.13
(1,1530)	1:69:A:MET:HE1	1:110:A:MET:H	3	0.13
(1,1530)	1:69:A:MET:HE2	1:110:A:MET:H	3	0.13
(1,1530)	1:69:A:MET:HE3	1:110:A:MET:H	3	0.13
(1,1514)	1:43:A:MET:HA	1:43:A:MET:HE1	1	0.13
(1,1514)	1:43:A:MET:HA	1:43:A:MET:HE2	1	0.13
(1,1514)	1:43:A:MET:HA	1:43:A:MET:HE3	1	0.13
(1,1484)	1:101:A:ILE:HG21	1:115:A:ALA:H	6	0.13
(1,1484)	1:101:A:ILE:HG22	1:115:A:ALA:H	6	0.13
(1,1484)	1:101:A:ILE:HG23	1:115:A:ALA:H	6	0.13
(1,1484)	1:101:A:ILE:HG21	1:115:A:ALA:H	7	0.13
(1,1484)	1:101:A:ILE:HG22	1:115:A:ALA:H	7	0.13
(1,1484)	1:101:A:ILE:HG23	1:115:A:ALA:H	7	0.13
(1,1420)	1:73:A:ILE:HG21	1:110:A:MET:H	15	0.13
(1,1420)	1:73:A:ILE:HG22	1:110:A:MET:H	15	0.13
(1,1420)	1:73:A:ILE:HG23	1:110:A:MET:H	15	0.13
(1,1408)	1:129:A:LYS:HA	1:132:A:ALA:HB1	18	0.13
(1,1408)	1:129:A:LYS:HA	1:132:A:ALA:HB2	18	0.13
(1,1408)	1:129:A:LYS:HA	1:132:A:ALA:HB3	18	0.13
(1,1395)	1:19:A:ALA:HB1	1:20:A:THR:HG21	11	0.13
(1,1395)	1:19:A:ALA:HB1	1:20:A:THR:HG22	11	0.13
(1,1395)	1:19:A:ALA:HB1	1:20:A:THR:HG23	11	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1395)	1:19:A:ALA:HB2	1:20:A:THR:HG21	11	0.13
(1,1395)	1:19:A:ALA:HB2	1:20:A:THR:HG22	11	0.13
(1,1395)	1:19:A:ALA:HB2	1:20:A:THR:HG23	11	0.13
(1,1395)	1:19:A:ALA:HB3	1:20:A:THR:HG21	11	0.13
(1,1395)	1:19:A:ALA:HB3	1:20:A:THR:HG22	11	0.13
(1,1395)	1:19:A:ALA:HB3	1:20:A:THR:HG23	11	0.13
(1,1386)	1:49:A:LYS:HG2	1:50:A:ALA:HA	19	0.13
(1,1386)	1:49:A:LYS:HG3	1:50:A:ALA:HA	19	0.13
(1,1341)	1:105:A:LYS:HD2	1:106:A:ASP:HA	3	0.13
(1,1341)	1:105:A:LYS:HD3	1:106:A:ASP:HA	3	0.13
(1,1339)	1:131:A:LEU:H	1:131:A:LEU:HD21	2	0.13
(1,1339)	1:131:A:LEU:H	1:131:A:LEU:HD22	2	0.13
(1,1339)	1:131:A:LEU:H	1:131:A:LEU:HD23	2	0.13
(1,1322)	1:8:A:ASP:HA	1:9:A:PHE:HD1	10	0.13
(1,1322)	1:8:A:ASP:HA	1:9:A:PHE:HD2	10	0.13
(1,1279)	1:30:A:LEU:HD11	1:31:A:PRO:HD3	8	0.13
(1,1279)	1:30:A:LEU:HD12	1:31:A:PRO:HD3	8	0.13
(1,1279)	1:30:A:LEU:HD13	1:31:A:PRO:HD3	8	0.13
(1,1272)	1:15:A:ALA:HA	1:131:A:LEU:HB2	10	0.13
(1,1263)	1:23:A:LEU:HD11	1:25:A:ALA:H	11	0.13
(1,1263)	1:23:A:LEU:HD12	1:25:A:ALA:H	11	0.13
(1,1263)	1:23:A:LEU:HD13	1:25:A:ALA:H	11	0.13
(1,1262)	1:23:A:LEU:HA	1:23:A:LEU:HD11	11	0.13
(1,1262)	1:23:A:LEU:HA	1:23:A:LEU:HD12	11	0.13
(1,1262)	1:23:A:LEU:HA	1:23:A:LEU:HD13	11	0.13
(1,1251)	1:37:A:LEU:H	1:37:A:LEU:HD11	14	0.13
(1,1251)	1:37:A:LEU:H	1:37:A:LEU:HD12	14	0.13
(1,1251)	1:37:A:LEU:H	1:37:A:LEU:HD13	14	0.13
(1,1247)	1:40:A:LEU:HD11	1:44:A:GLU:H	12	0.13
(1,1247)	1:40:A:LEU:HD12	1:44:A:GLU:H	12	0.13
(1,1247)	1:40:A:LEU:HD13	1:44:A:GLU:H	12	0.13
(1,1244)	1:38:A:GLU:HB2	1:139:A:LEU:HD21	17	0.13
(1,1244)	1:38:A:GLU:HB2	1:139:A:LEU:HD22	17	0.13
(1,1244)	1:38:A:GLU:HB2	1:139:A:LEU:HD23	17	0.13
(1,1198)	1:104:A:PHE:HA	1:107:A:LEU:HD21	11	0.13
(1,1198)	1:104:A:PHE:HA	1:107:A:LEU:HD22	11	0.13
(1,1198)	1:104:A:PHE:HA	1:107:A:LEU:HD23	11	0.13
(1,1196)	1:23:A:LEU:HA	1:23:A:LEU:HD21	5	0.13
(1,1196)	1:23:A:LEU:HA	1:23:A:LEU:HD22	5	0.13
(1,1196)	1:23:A:LEU:HA	1:23:A:LEU:HD23	5	0.13
(1,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	7	0.13
(1,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	7	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	7	0.13
(1,1047)	1:63:A:ILE:HG13	1:116:A:GLN:HB2	3	0.13
(1,1047)	1:63:A:ILE:HG13	1:116:A:GLN:HB3	3	0.13
(1,1042)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	11	0.13
(1,1033)	1:149:A:ALA:HB1	1:150:A:THR:HA	10	0.13
(1,1033)	1:149:A:ALA:HB2	1:150:A:THR:HA	10	0.13
(1,1033)	1:149:A:ALA:HB3	1:150:A:THR:HA	10	0.13
(1,1011)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	12	0.13
(1,1011)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	12	0.13
(1,1010)	1:102:A:PRO:HA	1:105:A:LYS:HB2	16	0.13
(1,1010)	1:102:A:PRO:HA	1:105:A:LYS:HB3	16	0.13
(1,972)	1:40:A:LEU:HA	1:43:A:MET:HG2	7	0.13
(1,959)	1:69:A:MET:HG2	1:109:A:PRO:HA	17	0.13
(1,912)	1:73:A:ILE:HB	1:76:A:ARG:HA	3	0.13
(1,908)	1:13:A:ALA:HB1	1:80:A:TYR:HB3	17	0.13
(1,908)	1:13:A:ALA:HB2	1:80:A:TYR:HB3	17	0.13
(1,908)	1:13:A:ALA:HB3	1:80:A:TYR:HB3	17	0.13
(1,853)	1:103:A:ARG:HA	1:103:A:ARG:HD2	10	0.13
(1,853)	1:103:A:ARG:HA	1:103:A:ARG:HD3	10	0.13
(1,837)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	4	0.13
(1,837)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	4	0.13
(1,837)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	4	0.13
(1,837)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	4	0.13
(1,837)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	4	0.13
(1,837)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	4	0.13
(1,837)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	4	0.13
(1,837)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	4	0.13
(1,837)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	4	0.13
(1,833)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	18	0.13
(1,833)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	18	0.13
(1,833)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	18	0.13
(1,825)	1:98:A:ILE:HD11	1:101:A:ILE:HG12	12	0.13
(1,825)	1:98:A:ILE:HD12	1:101:A:ILE:HG12	12	0.13
(1,825)	1:98:A:ILE:HD13	1:101:A:ILE:HG12	12	0.13
(1,798)	1:9:A:PHE:HZ	1:11:A:ILE:HD11	5	0.13
(1,798)	1:9:A:PHE:HZ	1:11:A:ILE:HD12	5	0.13
(1,798)	1:9:A:PHE:HZ	1:11:A:ILE:HD13	5	0.13
(1,794)	1:101:A:ILE:HD11	1:116:A:GLN:HA	8	0.13
(1,794)	1:101:A:ILE:HD12	1:116:A:GLN:HA	8	0.13
(1,794)	1:101:A:ILE:HD13	1:116:A:GLN:HA	8	0.13
(1,784)	1:73:A:ILE:HD11	1:113:A:PHE:H	14	0.13
(1,784)	1:73:A:ILE:HD12	1:113:A:PHE:H	14	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,784)	1:73:A:ILE:HD13	1:113:A:PHE:H	14	0.13
(1,731)	1:76:A:ARG:HE	1:113:A:PHE:HE1	10	0.13
(1,731)	1:76:A:ARG:HE	1:113:A:PHE:HE2	10	0.13
(1,664)	1:101:A:ILE:H	1:104:A:PHE:HB3	9	0.13
(1,621)	1:23:A:LEU:HD21	1:25:A:ALA:H	11	0.13
(1,621)	1:23:A:LEU:HD22	1:25:A:ALA:H	11	0.13
(1,621)	1:23:A:LEU:HD23	1:25:A:ALA:H	11	0.13
(1,616)	1:47:A:ALA:HB1	1:51:A:GLY:H	2	0.13
(1,616)	1:47:A:ALA:HB2	1:51:A:GLY:H	2	0.13
(1,616)	1:47:A:ALA:HB3	1:51:A:GLY:H	2	0.13
(1,587)	1:126:A:GLY:H	1:128:A:LEU:HG	1	0.13
(1,516)	1:105:A:LYS:H	1:106:A:ASP:HB3	8	0.13
(1,415)	1:125:A:THR:H	1:125:A:THR:HB	11	0.13
(1,415)	1:125:A:THR:H	1:125:A:THR:HB	18	0.13
(1,357)	1:104:A:PHE:H	1:104:A:PHE:HD1	15	0.13
(1,357)	1:104:A:PHE:H	1:104:A:PHE:HD2	15	0.13
(1,326)	1:44:A:GLU:HG3	1:46:A:ASN:H	11	0.13
(1,277)	1:112:A:GLN:H	1:112:A:GLN:HE21	11	0.13
(1,272)	1:39:A:VAL:H	1:139:A:LEU:HD11	12	0.13
(1,272)	1:39:A:VAL:H	1:139:A:LEU:HD12	12	0.13
(1,272)	1:39:A:VAL:H	1:139:A:LEU:HD13	12	0.13
(1,256)	1:58:A:ILE:H	1:58:A:ILE:HD11	13	0.13
(1,256)	1:58:A:ILE:H	1:58:A:ILE:HD12	13	0.13
(1,256)	1:58:A:ILE:H	1:58:A:ILE:HD13	13	0.13
(1,221)	1:98:A:ILE:HD11	1:101:A:ILE:H	13	0.13
(1,221)	1:98:A:ILE:HD12	1:101:A:ILE:H	13	0.13
(1,221)	1:98:A:ILE:HD13	1:101:A:ILE:H	13	0.13
(1,213)	1:99:A:PRO:HA	1:101:A:ILE:H	3	0.13
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB1	3	0.13
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB2	3	0.13
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB3	3	0.13
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB1	4	0.13
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB2	4	0.13
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB3	4	0.13
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB1	19	0.13
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB2	19	0.13
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB3	19	0.13
(1,160)	1:131:A:LEU:H	1:131:A:LEU:HG	5	0.13
(1,117)	1:69:A:MET:H	1:73:A:ILE:HD11	3	0.13
(1,117)	1:69:A:MET:H	1:73:A:ILE:HD12	3	0.13
(1,117)	1:69:A:MET:H	1:73:A:ILE:HD13	3	0.13
(1,117)	1:69:A:MET:H	1:73:A:ILE:HD11	17	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,117)	1:69:A:MET:H	1:73:A:ILE:HD12	17	0.13
(1,117)	1:69:A:MET:H	1:73:A:ILE:HD13	17	0.13
(34,2408)	1:125:A:THR:HB	1:128:A:LEU:HD11	11	0.12
(34,2408)	1:125:A:THR:HB	1:128:A:LEU:HD12	11	0.12
(34,2408)	1:125:A:THR:HB	1:128:A:LEU:HD13	11	0.12
(34,2408)	1:125:A:THR:HB	1:128:A:LEU:HD21	11	0.12
(34,2408)	1:125:A:THR:HB	1:128:A:LEU:HD22	11	0.12
(34,2408)	1:125:A:THR:HB	1:128:A:LEU:HD23	11	0.12
(34,2349)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	3	0.12
(34,2349)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	3	0.12
(34,2349)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.12
(34,2349)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.12
(34,2323)	1:105:A:LYS:HG2	1:106:A:ASP:H	12	0.12
(34,2323)	1:105:A:LYS:HG3	1:106:A:ASP:H	12	0.12
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	11	0.12
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	11	0.12
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	11	0.12
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	11	0.12
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	11	0.12
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	11	0.12
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	11	0.12
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	11	0.12
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	11	0.12
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	11	0.12
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	11	0.12
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	11	0.12
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	11	0.12
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	11	0.12
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	11	0.12
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	11	0.12
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	11	0.12
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	11	0.12
(34,2284)	1:96:A:VAL:HG11	1:97:A:ASP:H	16	0.12
(34,2284)	1:96:A:VAL:HG12	1:97:A:ASP:H	16	0.12
(34,2284)	1:96:A:VAL:HG13	1:97:A:ASP:H	16	0.12
(34,2284)	1:96:A:VAL:HG21	1:97:A:ASP:H	16	0.12
(34,2284)	1:96:A:VAL:HG22	1:97:A:ASP:H	16	0.12
(34,2284)	1:96:A:VAL:HG23	1:97:A:ASP:H	16	0.12
(34,2259)	1:72:A:PHE:HD1	1:109:A:PRO:HG2	7	0.12
(34,2259)	1:72:A:PHE:HD1	1:109:A:PRO:HG3	7	0.12
(34,2259)	1:72:A:PHE:HD2	1:109:A:PRO:HG2	7	0.12
(34,2259)	1:72:A:PHE:HD2	1:109:A:PRO:HG3	7	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2137)	1:40:A:LEU:HD11	1:43:A:MET:H	19	0.12
(34,2137)	1:40:A:LEU:HD12	1:43:A:MET:H	19	0.12
(34,2137)	1:40:A:LEU:HD13	1:43:A:MET:H	19	0.12
(34,2137)	1:40:A:LEU:HD21	1:43:A:MET:H	19	0.12
(34,2137)	1:40:A:LEU:HD22	1:43:A:MET:H	19	0.12
(34,2137)	1:40:A:LEU:HD23	1:43:A:MET:H	19	0.12
(34,2132)	1:40:A:LEU:HA	1:40:A:LEU:HD11	4	0.12
(34,2132)	1:40:A:LEU:HA	1:40:A:LEU:HD12	4	0.12
(34,2132)	1:40:A:LEU:HA	1:40:A:LEU:HD13	4	0.12
(34,2132)	1:40:A:LEU:HA	1:40:A:LEU:HD21	4	0.12
(34,2132)	1:40:A:LEU:HA	1:40:A:LEU:HD22	4	0.12
(34,2132)	1:40:A:LEU:HA	1:40:A:LEU:HD23	4	0.12
(34,2118)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	4	0.12
(34,2118)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	4	0.12
(34,2118)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	4	0.12
(34,2118)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	4	0.12
(34,2118)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	4	0.12
(34,2118)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	4	0.12
(34,2118)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	4	0.12
(34,2118)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	4	0.12
(34,2118)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	4	0.12
(34,2118)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	4	0.12
(34,2118)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	4	0.12
(34,2118)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	4	0.12
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD11	4	0.12
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD12	4	0.12
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD13	4	0.12
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD21	4	0.12
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD22	4	0.12
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD23	4	0.12
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD11	12	0.12
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD12	12	0.12
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD13	12	0.12
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD21	12	0.12
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD22	12	0.12
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD23	12	0.12
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD11	8	0.12
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD12	8	0.12
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD13	8	0.12
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD21	8	0.12
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD22	8	0.12
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD23	8	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD11	16	0.12
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD12	16	0.12
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD13	16	0.12
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD21	16	0.12
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD22	16	0.12
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD23	16	0.12
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD11	14	0.12
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD12	14	0.12
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD13	14	0.12
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD21	14	0.12
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD22	14	0.12
(34,2066)	1:32:A:GLY:H	1:35:A:LEU:HD23	14	0.12
(34,2049)	1:23:A:LEU:HD11	1:25:A:ALA:H	10	0.12
(34,2049)	1:23:A:LEU:HD12	1:25:A:ALA:H	10	0.12
(34,2049)	1:23:A:LEU:HD13	1:25:A:ALA:H	10	0.12
(34,2049)	1:23:A:LEU:HD21	1:25:A:ALA:H	10	0.12
(34,2049)	1:23:A:LEU:HD22	1:25:A:ALA:H	10	0.12
(34,2049)	1:23:A:LEU:HD23	1:25:A:ALA:H	10	0.12
(34,2009)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	8	0.12
(34,2009)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	8	0.12
(34,2009)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	8	0.12
(34,2009)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	8	0.12
(34,2009)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	8	0.12
(34,2009)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	8	0.12
(34,2009)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	8	0.12
(34,2009)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	8	0.12
(34,2009)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	8	0.12
(34,2009)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	8	0.12
(34,2009)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	8	0.12
(34,2009)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	8	0.12
(34,2009)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	8	0.12
(34,2009)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	8	0.12
(34,2009)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	8	0.12
(34,2009)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	8	0.12
(34,2009)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	8	0.12
(34,2009)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	8	0.12
(34,2009)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	18	0.12
(34,2009)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	18	0.12
(34,2009)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	18	0.12
(34,2009)	1:15:A:ALA:HB1	1:131:A:LEU:HD21	18	0.12
(34,2009)	1:15:A:ALA:HB1	1:131:A:LEU:HD22	18	0.12
(34,2009)	1:15:A:ALA:HB1	1:131:A:LEU:HD23	18	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2009)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	18	0.12
(34,2009)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	18	0.12
(34,2009)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	18	0.12
(34,2009)	1:15:A:ALA:HB2	1:131:A:LEU:HD21	18	0.12
(34,2009)	1:15:A:ALA:HB2	1:131:A:LEU:HD22	18	0.12
(34,2009)	1:15:A:ALA:HB2	1:131:A:LEU:HD23	18	0.12
(34,2009)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	18	0.12
(34,2009)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	18	0.12
(34,2009)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	18	0.12
(34,2009)	1:15:A:ALA:HB3	1:131:A:LEU:HD21	18	0.12
(34,2009)	1:15:A:ALA:HB3	1:131:A:LEU:HD22	18	0.12
(34,2009)	1:15:A:ALA:HB3	1:131:A:LEU:HD23	18	0.12
(34,1980)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	3	0.12
(34,1980)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	3	0.12
(34,1980)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	3	0.12
(34,1980)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	3	0.12
(34,1980)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	3	0.12
(34,1980)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	3	0.12
(34,1980)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	3	0.12
(34,1980)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	3	0.12
(34,1980)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	3	0.12
(34,1980)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	3	0.12
(34,1980)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	3	0.12
(34,1980)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	3	0.12
(34,1974)	1:12:A:VAL:HG11	1:40:A:LEU:HA	18	0.12
(34,1974)	1:12:A:VAL:HG12	1:40:A:LEU:HA	18	0.12
(34,1974)	1:12:A:VAL:HG13	1:40:A:LEU:HA	18	0.12
(34,1974)	1:12:A:VAL:HG21	1:40:A:LEU:HA	18	0.12
(34,1974)	1:12:A:VAL:HG22	1:40:A:LEU:HA	18	0.12
(34,1974)	1:12:A:VAL:HG23	1:40:A:LEU:HA	18	0.12
(34,1947)	1:10:A:ASN:H	1:14:A:VAL:HG11	13	0.12
(34,1947)	1:10:A:ASN:H	1:14:A:VAL:HG12	13	0.12
(34,1947)	1:10:A:ASN:H	1:14:A:VAL:HG13	13	0.12
(34,1947)	1:10:A:ASN:H	1:14:A:VAL:HG21	13	0.12
(34,1947)	1:10:A:ASN:H	1:14:A:VAL:HG22	13	0.12
(34,1947)	1:10:A:ASN:H	1:14:A:VAL:HG23	13	0.12
(34,1934)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	3	0.12
(34,1934)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	3	0.12
(34,1934)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	3	0.12
(34,1934)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	3	0.12
(34,1934)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	3	0.12
(34,1934)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	3	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1916)	1:80:A:TYR:HE1	1:81:A:GLU:H	8	0.12
(34,1916)	1:80:A:TYR:HE2	1:81:A:GLU:H	8	0.12
(34,1905)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	4	0.12
(34,1905)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	4	0.12
(34,1905)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	4	0.12
(34,1905)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	4	0.12
(34,1904)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	3	0.12
(34,1904)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	3	0.12
(34,1904)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	3	0.12
(34,1904)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	3	0.12
(34,1904)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	3	0.12
(34,1904)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	3	0.12
(34,1901)	1:18:A:PHE:HE1	1:60:A:LEU:HB2	17	0.12
(34,1901)	1:18:A:PHE:HE2	1:60:A:LEU:HB2	17	0.12
(34,1893)	1:104:A:PHE:HE1	1:113:A:PHE:HA	10	0.12
(34,1893)	1:104:A:PHE:HE2	1:113:A:PHE:HA	10	0.12
(34,1885)	1:71:A:LYS:HA	1:72:A:PHE:HD1	5	0.12
(34,1885)	1:71:A:LYS:HA	1:72:A:PHE:HD2	5	0.12
(34,1859)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	15	0.12
(34,1859)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	15	0.12
(34,1859)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	15	0.12
(34,1859)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	15	0.12
(34,1859)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	15	0.12
(34,1859)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	15	0.12
(34,1784)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	3	0.12
(34,1784)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	3	0.12
(34,1784)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	3	0.12
(34,1784)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	3	0.12
(34,1717)	1:141:A:LYS:HA	1:145:A:PRO:HD3	14	0.12
(34,1717)	1:141:A:LYS:HA	1:145:A:PRO:HD3	16	0.12
(34,1701)	1:73:A:ILE:HG21	1:109:A:PRO:HA	13	0.12
(34,1701)	1:73:A:ILE:HG22	1:109:A:PRO:HA	13	0.12
(34,1701)	1:73:A:ILE:HG23	1:109:A:PRO:HA	13	0.12
(34,1688)	1:125:A:THR:HA	1:128:A:LEU:HA	19	0.12
(34,1681)	1:107:A:LEU:H	1:111:A:GLU:HB2	11	0.12
(34,1681)	1:107:A:LEU:H	1:111:A:GLU:HB3	11	0.12
(34,1669)	1:69:A:MET:HA	1:69:A:MET:HE1	6	0.12
(34,1669)	1:69:A:MET:HA	1:69:A:MET:HE2	6	0.12
(34,1669)	1:69:A:MET:HA	1:69:A:MET:HE3	6	0.12
(34,1642)	1:34:A:LYS:H	1:80:A:TYR:HA	15	0.12
(34,1635)	1:149:A:ALA:HB1	1:151:A:PHE:HA	16	0.12
(34,1635)	1:149:A:ALA:HB2	1:151:A:PHE:HA	16	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1635)	1:149:A:ALA:HB3	1:151:A:PHE:HA	16	0.12
(34,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	11	0.12
(34,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	11	0.12
(34,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	11	0.12
(34,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	14	0.12
(34,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	14	0.12
(34,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	14	0.12
(34,1546)	1:66:A:THR:HG21	1:69:A:MET:HE1	15	0.12
(34,1546)	1:66:A:THR:HG21	1:69:A:MET:HE2	15	0.12
(34,1546)	1:66:A:THR:HG21	1:69:A:MET:HE3	15	0.12
(34,1546)	1:66:A:THR:HG22	1:69:A:MET:HE1	15	0.12
(34,1546)	1:66:A:THR:HG22	1:69:A:MET:HE2	15	0.12
(34,1546)	1:66:A:THR:HG22	1:69:A:MET:HE3	15	0.12
(34,1546)	1:66:A:THR:HG23	1:69:A:MET:HE1	15	0.12
(34,1546)	1:66:A:THR:HG23	1:69:A:MET:HE2	15	0.12
(34,1546)	1:66:A:THR:HG23	1:69:A:MET:HE3	15	0.12
(34,1535)	1:110:A:MET:HE1	1:113:A:PHE:HE1	14	0.12
(34,1535)	1:110:A:MET:HE1	1:113:A:PHE:HE2	14	0.12
(34,1535)	1:110:A:MET:HE2	1:113:A:PHE:HE1	14	0.12
(34,1535)	1:110:A:MET:HE2	1:113:A:PHE:HE2	14	0.12
(34,1535)	1:110:A:MET:HE3	1:113:A:PHE:HE1	14	0.12
(34,1535)	1:110:A:MET:HE3	1:113:A:PHE:HE2	14	0.12
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE1	17	0.12
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE2	17	0.12
(34,1517)	1:12:A:VAL:H	1:43:A:MET:HE3	17	0.12
(34,1495)	1:101:A:ILE:HG21	1:116:A:GLN:H	4	0.12
(34,1495)	1:101:A:ILE:HG22	1:116:A:GLN:H	4	0.12
(34,1495)	1:101:A:ILE:HG23	1:116:A:GLN:H	4	0.12
(34,1495)	1:101:A:ILE:HG21	1:116:A:GLN:H	9	0.12
(34,1495)	1:101:A:ILE:HG22	1:116:A:GLN:H	9	0.12
(34,1495)	1:101:A:ILE:HG23	1:116:A:GLN:H	9	0.12
(34,1495)	1:101:A:ILE:HG21	1:116:A:GLN:H	13	0.12
(34,1495)	1:101:A:ILE:HG22	1:116:A:GLN:H	13	0.12
(34,1495)	1:101:A:ILE:HG23	1:116:A:GLN:H	13	0.12
(34,1491)	1:101:A:ILE:HG21	1:115:A:ALA:H	1	0.12
(34,1491)	1:101:A:ILE:HG22	1:115:A:ALA:H	1	0.12
(34,1491)	1:101:A:ILE:HG23	1:115:A:ALA:H	1	0.12
(34,1484)	1:67:A:PRO:HD3	1:95:A:ILE:HA	1	0.12
(34,1467)	1:30:A:LEU:H	1:31:A:PRO:HD3	10	0.12
(34,1467)	1:30:A:LEU:H	1:31:A:PRO:HD3	15	0.12
(34,1446)	1:50:A:ALA:HB1	1:127:A:CYS:HA	18	0.12
(34,1446)	1:50:A:ALA:HB2	1:127:A:CYS:HA	18	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1446)	1:50:A:ALA:HB3	1:127:A:CYS:HA	18	0.12
(34,1433)	1:70:A:LYS:HA	1:73:A:ILE:HG21	13	0.12
(34,1433)	1:70:A:LYS:HA	1:73:A:ILE:HG22	13	0.12
(34,1433)	1:70:A:LYS:HA	1:73:A:ILE:HG23	13	0.12
(34,1385)	1:46:A:ASN:HB3	1:134:A:VAL:HG21	17	0.12
(34,1385)	1:46:A:ASN:HB3	1:134:A:VAL:HG22	17	0.12
(34,1385)	1:46:A:ASN:HB3	1:134:A:VAL:HG23	17	0.12
(34,1379)	1:118:A:ASP:HA	1:121:A:VAL:HG11	4	0.12
(34,1379)	1:118:A:ASP:HA	1:121:A:VAL:HG12	4	0.12
(34,1379)	1:118:A:ASP:HA	1:121:A:VAL:HG13	4	0.12
(34,1358)	1:105:A:LYS:HB2	1:106:A:ASP:HA	6	0.12
(34,1358)	1:105:A:LYS:HB3	1:106:A:ASP:HA	6	0.12
(34,1281)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	19	0.12
(34,1281)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	19	0.12
(34,1281)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	19	0.12
(34,1266)	1:139:A:LEU:H	1:139:A:LEU:HD21	19	0.12
(34,1266)	1:139:A:LEU:H	1:139:A:LEU:HD22	19	0.12
(34,1266)	1:139:A:LEU:H	1:139:A:LEU:HD23	19	0.12
(34,1193)	1:101:A:ILE:H	1:119:A:LEU:HD21	5	0.12
(34,1193)	1:101:A:ILE:H	1:119:A:LEU:HD22	5	0.12
(34,1193)	1:101:A:ILE:H	1:119:A:LEU:HD23	5	0.12
(34,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE1	5	0.12
(34,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE2	5	0.12
(34,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE1	7	0.12
(34,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE2	7	0.12
(34,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE1	10	0.12
(34,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE2	10	0.12
(34,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE1	11	0.12
(34,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE2	11	0.12
(34,1140)	1:41:A:LYS:HA	1:44:A:GLU:HG2	4	0.12
(34,1096)	1:140:A:LEU:H	1:140:A:LEU:HG	12	0.12
(34,1045)	1:149:A:ALA:HB1	1:150:A:THR:HA	7	0.12
(34,1045)	1:149:A:ALA:HB2	1:150:A:THR:HA	7	0.12
(34,1045)	1:149:A:ALA:HB3	1:150:A:THR:HA	7	0.12
(34,1044)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	12	0.12
(34,1044)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	12	0.12
(34,1044)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	12	0.12
(34,1044)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	12	0.12
(34,1040)	1:81:A:GLU:H	1:81:A:GLU:HB2	10	0.12
(34,953)	1:117:A:VAL:HA	1:119:A:LEU:H	11	0.12
(34,942)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	4	0.12
(34,942)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	4	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,942)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	4	0.12
(34,942)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	4	0.12
(34,940)	1:125:A:THR:HB	1:128:A:LEU:HB2	8	0.12
(34,899)	1:151:A:PHE:H	1:151:A:PHE:HB3	13	0.12
(34,880)	1:121:A:VAL:HA	1:122:A:ASP:HB2	1	0.12
(34,880)	1:121:A:VAL:HA	1:122:A:ASP:HB2	4	0.12
(34,874)	1:56:A:CYS:H	1:122:A:ASP:HB3	9	0.12
(34,834)	1:114:A:ILE:HD11	1:115:A:ALA:H	1	0.12
(34,834)	1:114:A:ILE:HD12	1:115:A:ALA:H	1	0.12
(34,834)	1:114:A:ILE:HD13	1:115:A:ALA:H	1	0.12
(34,834)	1:114:A:ILE:HD11	1:115:A:ALA:H	13	0.12
(34,834)	1:114:A:ILE:HD12	1:115:A:ALA:H	13	0.12
(34,834)	1:114:A:ILE:HD13	1:115:A:ALA:H	13	0.12
(34,794)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	12	0.12
(34,794)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	12	0.12
(34,794)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	12	0.12
(34,794)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	12	0.12
(34,794)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	12	0.12
(34,794)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	12	0.12
(34,794)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	15	0.12
(34,794)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	15	0.12
(34,794)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	15	0.12
(34,794)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	15	0.12
(34,794)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	15	0.12
(34,794)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	15	0.12
(34,782)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	8	0.12
(34,782)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	8	0.12
(34,782)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	8	0.12
(34,782)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	8	0.12
(34,782)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	8	0.12
(34,782)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	8	0.12
(34,757)	1:103:A:ARG:HB2	1:103:A:ARG:HE	16	0.12
(34,757)	1:103:A:ARG:HB3	1:103:A:ARG:HE	16	0.12
(34,705)	1:98:A:ILE:H	1:104:A:PHE:H	18	0.12
(34,679)	1:101:A:ILE:HD11	1:116:A:GLN:H	10	0.12
(34,679)	1:101:A:ILE:HD12	1:116:A:GLN:H	10	0.12
(34,679)	1:101:A:ILE:HD13	1:116:A:GLN:H	10	0.12
(34,629)	1:96:A:VAL:H	1:97:A:ASP:H	6	0.12
(34,594)	1:126:A:GLY:H	1:128:A:LEU:HB2	8	0.12
(34,568)	1:124:A:THR:H	1:128:A:LEU:HD11	17	0.12
(34,568)	1:124:A:THR:H	1:128:A:LEU:HD12	17	0.12
(34,568)	1:124:A:THR:H	1:128:A:LEU:HD13	17	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,566)	1:124:A:THR:H	1:128:A:LEU:HD21	15	0.12
(34,566)	1:124:A:THR:H	1:128:A:LEU:HD22	15	0.12
(34,566)	1:124:A:THR:H	1:128:A:LEU:HD23	15	0.12
(34,565)	1:73:A:ILE:HD11	1:110:A:MET:H	11	0.12
(34,565)	1:73:A:ILE:HD12	1:110:A:MET:H	11	0.12
(34,565)	1:73:A:ILE:HD13	1:110:A:MET:H	11	0.12
(34,554)	1:60:A:LEU:HD11	1:61:A:SER:H	18	0.12
(34,554)	1:60:A:LEU:HD12	1:61:A:SER:H	18	0.12
(34,554)	1:60:A:LEU:HD13	1:61:A:SER:H	18	0.12
(34,538)	1:74:A:PRO:HA	1:77:A:CYS:H	16	0.12
(34,369)	1:101:A:ILE:HG21	1:104:A:PHE:H	19	0.12
(34,369)	1:101:A:ILE:HG22	1:104:A:PHE:H	19	0.12
(34,369)	1:101:A:ILE:HG23	1:104:A:PHE:H	19	0.12
(34,361)	1:104:A:PHE:H	1:106:A:ASP:H	16	0.12
(34,309)	1:65:A:CYS:H	1:65:A:CYS:HB3	12	0.12
(34,297)	1:120:A:CYS:H	1:121:A:VAL:H	16	0.12
(34,279)	1:112:A:GLN:H	1:112:A:GLN:HE21	6	0.12
(34,239)	1:11:A:ILE:HB	1:44:A:GLU:H	13	0.12
(34,161)	1:127:A:CYS:H	1:128:A:LEU:HB2	7	0.12
(34,107)	1:67:A:PRO:HD2	1:69:A:MET:H	11	0.12
(34,98)	1:60:A:LEU:HA	1:63:A:ILE:H	19	0.12
(34,60)	1:34:A:LYS:H	1:81:A:GLU:H	17	0.12
(34,48)	1:44:A:GLU:HG3	1:47:A:ALA:H	19	0.12
(34,37)	1:95:A:ILE:HB	1:96:A:VAL:H	3	0.12
(34,37)	1:95:A:ILE:HB	1:96:A:VAL:H	8	0.12
(33,2475)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.12
(33,2475)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.12
(33,2475)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.12
(33,2475)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.12
(33,2475)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.12
(33,2475)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.12
(33,2475)	1:139:A:LEU:HD11	1:144:A:LEU:H	6	0.12
(33,2475)	1:139:A:LEU:HD12	1:144:A:LEU:H	6	0.12
(33,2475)	1:139:A:LEU:HD13	1:144:A:LEU:H	6	0.12
(33,2475)	1:139:A:LEU:HD21	1:144:A:LEU:H	6	0.12
(33,2475)	1:139:A:LEU:HD22	1:144:A:LEU:H	6	0.12
(33,2475)	1:139:A:LEU:HD23	1:144:A:LEU:H	6	0.12
(33,2348)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	3	0.12
(33,2348)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	3	0.12
(33,2348)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.12
(33,2348)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.12
(33,2316)	1:101:A:ILE:HD11	1:116:A:GLN:HG2	17	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2316)	1:101:A:ILE:HD11	1:116:A:GLN:HG3	17	0.12
(33,2316)	1:101:A:ILE:HD12	1:116:A:GLN:HG2	17	0.12
(33,2316)	1:101:A:ILE:HD12	1:116:A:GLN:HG3	17	0.12
(33,2316)	1:101:A:ILE:HD13	1:116:A:GLN:HG2	17	0.12
(33,2316)	1:101:A:ILE:HD13	1:116:A:GLN:HG3	17	0.12
(33,2151)	1:43:A:MET:HE1	1:46:A:ASN:HB2	10	0.12
(33,2151)	1:43:A:MET:HE1	1:46:A:ASN:HB3	10	0.12
(33,2151)	1:43:A:MET:HE2	1:46:A:ASN:HB2	10	0.12
(33,2151)	1:43:A:MET:HE2	1:46:A:ASN:HB3	10	0.12
(33,2151)	1:43:A:MET:HE3	1:46:A:ASN:HB2	10	0.12
(33,2151)	1:43:A:MET:HE3	1:46:A:ASN:HB3	10	0.12
(33,2137)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	7	0.12
(33,2137)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	7	0.12
(33,2137)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	7	0.12
(33,2137)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	7	0.12
(33,2137)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	7	0.12
(33,2137)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	7	0.12
(33,2137)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	7	0.12
(33,2137)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	7	0.12
(33,2137)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	7	0.12
(33,2137)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	7	0.12
(33,2137)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	7	0.12
(33,2137)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	7	0.12
(33,2086)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	8	0.12
(33,2086)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	8	0.12
(33,2086)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	8	0.12
(33,2086)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	8	0.12
(33,2086)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	8	0.12
(33,2086)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	8	0.12
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD11	15	0.12
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD12	15	0.12
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD13	15	0.12
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD21	15	0.12
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD22	15	0.12
(33,2034)	1:22:A:ASP:HA	1:23:A:LEU:HD23	15	0.12
(33,2020)	1:18:A:PHE:HD1	1:60:A:LEU:HD11	14	0.12
(33,2020)	1:18:A:PHE:HD1	1:60:A:LEU:HD12	14	0.12
(33,2020)	1:18:A:PHE:HD1	1:60:A:LEU:HD13	14	0.12
(33,2020)	1:18:A:PHE:HD1	1:60:A:LEU:HD21	14	0.12
(33,2020)	1:18:A:PHE:HD1	1:60:A:LEU:HD22	14	0.12
(33,2020)	1:18:A:PHE:HD1	1:60:A:LEU:HD23	14	0.12
(33,2020)	1:18:A:PHE:HD2	1:60:A:LEU:HD11	14	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2020)	1:18:A:PHE:HD2	1:60:A:LEU:HD12	14	0.12
(33,2020)	1:18:A:PHE:HD2	1:60:A:LEU:HD13	14	0.12
(33,2020)	1:18:A:PHE:HD2	1:60:A:LEU:HD21	14	0.12
(33,2020)	1:18:A:PHE:HD2	1:60:A:LEU:HD22	14	0.12
(33,2020)	1:18:A:PHE:HD2	1:60:A:LEU:HD23	14	0.12
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE1	10	0.12
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE2	10	0.12
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE3	10	0.12
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE1	10	0.12
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE2	10	0.12
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE3	10	0.12
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE1	13	0.12
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE2	13	0.12
(33,2009)	1:16:A:SER:HB2	1:43:A:MET:HE3	13	0.12
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE1	13	0.12
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE2	13	0.12
(33,2009)	1:16:A:SER:HB3	1:43:A:MET:HE3	13	0.12
(33,1969)	1:12:A:VAL:HG11	1:40:A:LEU:HA	18	0.12
(33,1969)	1:12:A:VAL:HG12	1:40:A:LEU:HA	18	0.12
(33,1969)	1:12:A:VAL:HG13	1:40:A:LEU:HA	18	0.12
(33,1969)	1:12:A:VAL:HG21	1:40:A:LEU:HA	18	0.12
(33,1969)	1:12:A:VAL:HG22	1:40:A:LEU:HA	18	0.12
(33,1969)	1:12:A:VAL:HG23	1:40:A:LEU:HA	18	0.12
(33,1948)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	5	0.12
(33,1948)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	5	0.12
(33,1948)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	5	0.12
(33,1948)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	5	0.12
(33,1948)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	5	0.12
(33,1948)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	5	0.12
(33,1948)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	5	0.12
(33,1948)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	5	0.12
(33,1948)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	5	0.12
(33,1948)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	5	0.12
(33,1948)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	5	0.12
(33,1948)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	5	0.12
(33,1948)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	5	0.12
(33,1948)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	5	0.12
(33,1948)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	5	0.12
(33,1948)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	5	0.12
(33,1948)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	5	0.12
(33,1948)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	5	0.12
(33,1919)	1:140:A:LEU:HA	1:143:A:TRP:HD1	2	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1914)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	18	0.12
(33,1907)	1:80:A:TYR:HE1	1:81:A:GLU:H	8	0.12
(33,1907)	1:80:A:TYR:HE2	1:81:A:GLU:H	8	0.12
(33,1897)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	4	0.12
(33,1897)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	4	0.12
(33,1897)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	4	0.12
(33,1897)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	4	0.12
(33,1880)	1:68:A:LYS:HA	1:72:A:PHE:HE1	12	0.12
(33,1880)	1:68:A:LYS:HA	1:72:A:PHE:HE2	12	0.12
(33,1875)	1:71:A:LYS:HA	1:72:A:PHE:HD1	5	0.12
(33,1875)	1:71:A:LYS:HA	1:72:A:PHE:HD2	5	0.12
(33,1835)	1:61:A:SER:H	1:62:A:HIS:HD2	14	0.12
(33,1803)	1:101:A:ILE:HB	1:104:A:PHE:HD1	18	0.12
(33,1803)	1:101:A:ILE:HB	1:104:A:PHE:HD2	18	0.12
(33,1791)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	3	0.12
(33,1791)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	3	0.12
(33,1791)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	3	0.12
(33,1791)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	3	0.12
(33,1791)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	3	0.12
(33,1791)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	3	0.12
(33,1779)	1:80:A:TYR:HD1	1:81:A:GLU:HA	4	0.12
(33,1779)	1:80:A:TYR:HD2	1:81:A:GLU:HA	4	0.12
(33,1767)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	3	0.12
(33,1767)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	3	0.12
(33,1767)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	3	0.12
(33,1767)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	3	0.12
(33,1749)	1:36:A:PRO:HG2	1:37:A:LEU:HG	7	0.12
(33,1733)	1:31:A:PRO:HB2	1:35:A:LEU:HA	19	0.12
(33,1733)	1:31:A:PRO:HB3	1:35:A:LEU:HA	19	0.12
(33,1681)	1:73:A:ILE:HG21	1:109:A:PRO:HA	13	0.12
(33,1681)	1:73:A:ILE:HG22	1:109:A:PRO:HA	13	0.12
(33,1681)	1:73:A:ILE:HG23	1:109:A:PRO:HA	13	0.12
(33,1659)	1:107:A:LEU:H	1:111:A:GLU:HB2	11	0.12
(33,1659)	1:107:A:LEU:H	1:111:A:GLU:HB3	11	0.12
(33,1647)	1:69:A:MET:HA	1:69:A:MET:HE1	6	0.12
(33,1647)	1:69:A:MET:HA	1:69:A:MET:HE2	6	0.12
(33,1647)	1:69:A:MET:HA	1:69:A:MET:HE3	6	0.12
(33,1600)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	2	0.12
(33,1600)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	2	0.12
(33,1600)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	2	0.12
(33,1600)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	2	0.12
(33,1600)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	2	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1600)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	2	0.12
(33,1600)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	9	0.12
(33,1600)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	9	0.12
(33,1600)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	9	0.12
(33,1600)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	9	0.12
(33,1600)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	9	0.12
(33,1600)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	9	0.12
(33,1600)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	15	0.12
(33,1600)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	15	0.12
(33,1600)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	15	0.12
(33,1600)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	15	0.12
(33,1600)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	15	0.12
(33,1600)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	15	0.12
(33,1598)	1:73:A:ILE:HG21	1:76:A:ARG:H	11	0.12
(33,1598)	1:73:A:ILE:HG22	1:76:A:ARG:H	11	0.12
(33,1598)	1:73:A:ILE:HG23	1:76:A:ARG:H	11	0.12
(33,1598)	1:73:A:ILE:HG21	1:76:A:ARG:H	14	0.12
(33,1598)	1:73:A:ILE:HG22	1:76:A:ARG:H	14	0.12
(33,1598)	1:73:A:ILE:HG23	1:76:A:ARG:H	14	0.12
(33,1597)	1:72:A:PHE:H	1:73:A:ILE:HG21	5	0.12
(33,1597)	1:72:A:PHE:H	1:73:A:ILE:HG22	5	0.12
(33,1597)	1:72:A:PHE:H	1:73:A:ILE:HG23	5	0.12
(33,1589)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	13	0.12
(33,1589)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	13	0.12
(33,1589)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	13	0.12
(33,1586)	1:58:A:ILE:HG21	1:59:A:CYS:HB3	4	0.12
(33,1586)	1:58:A:ILE:HG22	1:59:A:CYS:HB3	4	0.12
(33,1586)	1:58:A:ILE:HG23	1:59:A:CYS:HB3	4	0.12
(33,1576)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	15	0.12
(33,1576)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	15	0.12
(33,1576)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	15	0.12
(33,1576)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	15	0.12
(33,1576)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	15	0.12
(33,1576)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	15	0.12
(33,1523)	1:66:A:THR:HG21	1:69:A:MET:HE1	15	0.12
(33,1523)	1:66:A:THR:HG21	1:69:A:MET:HE2	15	0.12
(33,1523)	1:66:A:THR:HG21	1:69:A:MET:HE3	15	0.12
(33,1523)	1:66:A:THR:HG22	1:69:A:MET:HE1	15	0.12
(33,1523)	1:66:A:THR:HG22	1:69:A:MET:HE2	15	0.12
(33,1523)	1:66:A:THR:HG22	1:69:A:MET:HE3	15	0.12
(33,1523)	1:66:A:THR:HG23	1:69:A:MET:HE1	15	0.12
(33,1523)	1:66:A:THR:HG23	1:69:A:MET:HE2	15	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1523)	1:66:A:THR:HG23	1:69:A:MET:HE3	15	0.12
(33,1513)	1:69:A:MET:HE1	1:113:A:PHE:HD1	6	0.12
(33,1513)	1:69:A:MET:HE1	1:113:A:PHE:HD2	6	0.12
(33,1513)	1:69:A:MET:HE2	1:113:A:PHE:HD1	6	0.12
(33,1513)	1:69:A:MET:HE2	1:113:A:PHE:HD2	6	0.12
(33,1513)	1:69:A:MET:HE3	1:113:A:PHE:HD1	6	0.12
(33,1513)	1:69:A:MET:HE3	1:113:A:PHE:HD2	6	0.12
(33,1509)	1:69:A:MET:HE1	1:115:A:ALA:H	1	0.12
(33,1509)	1:69:A:MET:HE2	1:115:A:ALA:H	1	0.12
(33,1509)	1:69:A:MET:HE3	1:115:A:ALA:H	1	0.12
(33,1490)	1:47:A:ALA:HB1	1:48:A:ARG:HB2	19	0.12
(33,1490)	1:47:A:ALA:HB1	1:48:A:ARG:HB3	19	0.12
(33,1490)	1:47:A:ALA:HB2	1:48:A:ARG:HB2	19	0.12
(33,1490)	1:47:A:ALA:HB2	1:48:A:ARG:HB3	19	0.12
(33,1490)	1:47:A:ALA:HB3	1:48:A:ARG:HB2	19	0.12
(33,1490)	1:47:A:ALA:HB3	1:48:A:ARG:HB3	19	0.12
(33,1469)	1:101:A:ILE:HG21	1:115:A:ALA:H	1	0.12
(33,1469)	1:101:A:ILE:HG22	1:115:A:ALA:H	1	0.12
(33,1469)	1:101:A:ILE:HG23	1:115:A:ALA:H	1	0.12
(33,1459)	1:95:A:ILE:HG21	1:96:A:VAL:H	6	0.12
(33,1459)	1:95:A:ILE:HG22	1:96:A:VAL:H	6	0.12
(33,1459)	1:95:A:ILE:HG23	1:96:A:VAL:H	6	0.12
(33,1455)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	14	0.12
(33,1455)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	14	0.12
(33,1455)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	14	0.12
(33,1394)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	5	0.12
(33,1394)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	5	0.12
(33,1394)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	5	0.12
(33,1394)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	5	0.12
(33,1394)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	5	0.12
(33,1394)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	5	0.12
(33,1363)	1:119:A:LEU:HB2	1:121:A:VAL:HG11	17	0.12
(33,1363)	1:119:A:LEU:HB2	1:121:A:VAL:HG12	17	0.12
(33,1363)	1:119:A:LEU:HB2	1:121:A:VAL:HG13	17	0.12
(33,1338)	1:131:A:LEU:H	1:131:A:LEU:HD21	10	0.12
(33,1338)	1:131:A:LEU:H	1:131:A:LEU:HD22	10	0.12
(33,1338)	1:131:A:LEU:H	1:131:A:LEU:HD23	10	0.12
(33,1329)	1:106:A:ASP:HA	1:112:A:GLN:HE21	13	0.12
(33,1296)	1:66:A:THR:HG21	1:70:A:LYS:H	4	0.12
(33,1296)	1:66:A:THR:HG22	1:70:A:LYS:H	4	0.12
(33,1296)	1:66:A:THR:HG23	1:70:A:LYS:H	4	0.12
(33,1294)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	16	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1294)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	16	0.12
(33,1294)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	16	0.12
(33,1207)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	7	0.12
(33,1207)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	7	0.12
(33,1207)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	7	0.12
(33,1207)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	7	0.12
(33,1207)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	7	0.12
(33,1207)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	7	0.12
(33,1207)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	7	0.12
(33,1207)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	7	0.12
(33,1207)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	7	0.12
(33,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD11	7	0.12
(33,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD12	7	0.12
(33,1179)	1:39:A:VAL:HA	1:140:A:LEU:HD13	7	0.12
(33,1147)	1:80:A:TYR:HA	1:80:A:TYR:HE1	5	0.12
(33,1147)	1:80:A:TYR:HA	1:80:A:TYR:HE2	5	0.12
(33,1147)	1:80:A:TYR:HA	1:80:A:TYR:HE1	7	0.12
(33,1147)	1:80:A:TYR:HA	1:80:A:TYR:HE2	7	0.12
(33,1147)	1:80:A:TYR:HA	1:80:A:TYR:HE1	10	0.12
(33,1147)	1:80:A:TYR:HA	1:80:A:TYR:HE2	10	0.12
(33,1147)	1:80:A:TYR:HA	1:80:A:TYR:HE1	11	0.12
(33,1147)	1:80:A:TYR:HA	1:80:A:TYR:HE2	11	0.12
(33,1109)	1:40:A:LEU:HB3	1:41:A:LYS:HA	4	0.12
(33,1066)	1:140:A:LEU:H	1:140:A:LEU:HG	12	0.12
(33,1043)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	16	0.12
(33,1043)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	16	0.12
(33,1043)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	16	0.12
(33,1043)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	16	0.12
(33,1043)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	16	0.12
(33,1043)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	16	0.12
(33,1030)	1:41:A:LYS:HA	1:44:A:GLU:HB2	13	0.12
(33,1030)	1:41:A:LYS:HA	1:44:A:GLU:HB3	13	0.12
(33,1020)	1:149:A:ALA:HB1	1:150:A:THR:HA	7	0.12
(33,1020)	1:149:A:ALA:HB2	1:150:A:THR:HA	7	0.12
(33,1020)	1:149:A:ALA:HB3	1:150:A:THR:HA	7	0.12
(33,992)	1:113:A:PHE:HE1	1:114:A:ILE:HA	9	0.12
(33,992)	1:113:A:PHE:HE2	1:114:A:ILE:HA	9	0.12
(33,981)	1:15:A:ALA:HB1	1:134:A:VAL:HB	19	0.12
(33,981)	1:15:A:ALA:HB2	1:134:A:VAL:HB	19	0.12
(33,981)	1:15:A:ALA:HB3	1:134:A:VAL:HB	19	0.12
(33,936)	1:79:A:THR:HG21	1:81:A:GLU:HG2	8	0.12
(33,936)	1:79:A:THR:HG21	1:81:A:GLU:HG3	8	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,936)	1:79:A:THR:HG22	1:81:A:GLU:HG2	8	0.12
(33,936)	1:79:A:THR:HG22	1:81:A:GLU:HG3	8	0.12
(33,936)	1:79:A:THR:HG23	1:81:A:GLU:HG2	8	0.12
(33,936)	1:79:A:THR:HG23	1:81:A:GLU:HG3	8	0.12
(33,926)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	8	0.12
(33,926)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	8	0.12
(33,926)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	8	0.12
(33,921)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	14	0.12
(33,921)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	14	0.12
(33,921)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	14	0.12
(33,919)	1:19:A:ALA:HB1	1:20:A:THR:HB	12	0.12
(33,919)	1:19:A:ALA:HB2	1:20:A:THR:HB	12	0.12
(33,919)	1:19:A:ALA:HB3	1:20:A:THR:HB	12	0.12
(33,871)	1:60:A:LEU:HB3	1:61:A:SER:H	15	0.12
(33,867)	1:39:A:VAL:H	1:139:A:LEU:HB2	5	0.12
(33,867)	1:39:A:VAL:H	1:139:A:LEU:HB3	5	0.12
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB1	1	0.12
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB2	1	0.12
(33,824)	1:98:A:ILE:HD11	1:115:A:ALA:HB3	1	0.12
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB1	1	0.12
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB2	1	0.12
(33,824)	1:98:A:ILE:HD12	1:115:A:ALA:HB3	1	0.12
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB1	1	0.12
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB2	1	0.12
(33,824)	1:98:A:ILE:HD13	1:115:A:ALA:HB3	1	0.12
(33,817)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	17	0.12
(33,817)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	17	0.12
(33,817)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	17	0.12
(33,805)	1:58:A:ILE:HA	1:58:A:ILE:HD11	5	0.12
(33,805)	1:58:A:ILE:HA	1:58:A:ILE:HD12	5	0.12
(33,805)	1:58:A:ILE:HA	1:58:A:ILE:HD13	5	0.12
(33,801)	1:54:A:ARG:HE	1:58:A:ILE:HD11	2	0.12
(33,801)	1:54:A:ARG:HE	1:58:A:ILE:HD12	2	0.12
(33,801)	1:54:A:ARG:HE	1:58:A:ILE:HD13	2	0.12
(33,783)	1:11:A:ILE:HA	1:11:A:ILE:HD11	11	0.12
(33,783)	1:11:A:ILE:HA	1:11:A:ILE:HD12	11	0.12
(33,783)	1:11:A:ILE:HA	1:11:A:ILE:HD13	11	0.12
(33,782)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	19	0.12
(33,782)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	19	0.12
(33,782)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	19	0.12
(33,782)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	19	0.12
(33,782)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	19	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,782)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	19	0.12
(33,780)	1:101:A:ILE:HD11	1:119:A:LEU:HG	8	0.12
(33,780)	1:101:A:ILE:HD12	1:119:A:LEU:HG	8	0.12
(33,780)	1:101:A:ILE:HD13	1:119:A:LEU:HG	8	0.12
(33,751)	1:103:A:ARG:HB2	1:103:A:ARG:HE	16	0.12
(33,751)	1:103:A:ARG:HB3	1:103:A:ARG:HE	16	0.12
(33,667)	1:101:A:ILE:HD11	1:116:A:GLN:H	10	0.12
(33,667)	1:101:A:ILE:HD12	1:116:A:GLN:H	10	0.12
(33,667)	1:101:A:ILE:HD13	1:116:A:GLN:H	10	0.12
(33,594)	1:28:A:GLY:H	1:29:A:LYS:HG2	7	0.12
(33,594)	1:28:A:GLY:H	1:29:A:LYS:HG3	7	0.12
(33,523)	1:74:A:PRO:HA	1:77:A:CYS:H	16	0.12
(33,491)	1:8:A:ASP:HB2	1:9:A:PHE:H	4	0.12
(33,484)	1:105:A:LYS:H	1:107:A:LEU:H	9	0.12
(33,479)	1:147:A:ARG:HG2	1:148:A:CYS:H	8	0.12
(33,479)	1:147:A:ARG:HG3	1:148:A:CYS:H	8	0.12
(33,472)	1:103:A:ARG:H	1:103:A:ARG:HG2	5	0.12
(33,472)	1:103:A:ARG:H	1:103:A:ARG:HG3	5	0.12
(33,472)	1:103:A:ARG:H	1:103:A:ARG:HG2	15	0.12
(33,472)	1:103:A:ARG:H	1:103:A:ARG:HG3	15	0.12
(33,362)	1:101:A:ILE:HG21	1:104:A:PHE:H	19	0.12
(33,362)	1:101:A:ILE:HG22	1:104:A:PHE:H	19	0.12
(33,362)	1:101:A:ILE:HG23	1:104:A:PHE:H	19	0.12
(33,355)	1:104:A:PHE:H	1:104:A:PHE:HD1	18	0.12
(33,355)	1:104:A:PHE:H	1:104:A:PHE:HD2	18	0.12
(33,289)	1:120:A:CYS:H	1:121:A:VAL:H	16	0.12
(33,288)	1:121:A:VAL:H	1:123:A:CYS:H	15	0.12
(33,155)	1:127:A:CYS:H	1:128:A:LEU:HB2	7	0.12
(33,99)	1:60:A:LEU:HA	1:63:A:ILE:H	19	0.12
(33,52)	1:44:A:GLU:HB2	1:47:A:ALA:H	2	0.12
(33,52)	1:44:A:GLU:HB3	1:47:A:ALA:H	2	0.12
(33,50)	1:44:A:GLU:HG3	1:47:A:ALA:H	19	0.12
(33,21)	1:94:A:ALA:H	1:95:A:ILE:HD11	12	0.12
(33,21)	1:94:A:ALA:H	1:95:A:ILE:HD12	12	0.12
(33,21)	1:94:A:ALA:H	1:95:A:ILE:HD13	12	0.12
(32,2479)	1:143:A:TRP:H	1:144:A:LEU:HD11	10	0.12
(32,2479)	1:143:A:TRP:H	1:144:A:LEU:HD12	10	0.12
(32,2479)	1:143:A:TRP:H	1:144:A:LEU:HD13	10	0.12
(32,2479)	1:143:A:TRP:H	1:144:A:LEU:HD21	10	0.12
(32,2479)	1:143:A:TRP:H	1:144:A:LEU:HD22	10	0.12
(32,2479)	1:143:A:TRP:H	1:144:A:LEU:HD23	10	0.12
(32,2443)	1:137:A:SER:HB2	1:140:A:LEU:HB2	2	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2443)	1:137:A:SER:HB3	1:140:A:LEU:HB2	2	0.12
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD11	17	0.12
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD12	17	0.12
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD13	17	0.12
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD21	17	0.12
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD22	17	0.12
(32,2384)	1:123:A:CYS:H	1:128:A:LEU:HD23	17	0.12
(32,2337)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	3	0.12
(32,2337)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	3	0.12
(32,2337)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.12
(32,2337)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.12
(32,2282)	1:96:A:VAL:HG11	1:97:A:ASP:H	16	0.12
(32,2282)	1:96:A:VAL:HG12	1:97:A:ASP:H	16	0.12
(32,2282)	1:96:A:VAL:HG13	1:97:A:ASP:H	16	0.12
(32,2282)	1:96:A:VAL:HG21	1:97:A:ASP:H	16	0.12
(32,2282)	1:96:A:VAL:HG22	1:97:A:ASP:H	16	0.12
(32,2282)	1:96:A:VAL:HG23	1:97:A:ASP:H	16	0.12
(32,2258)	1:72:A:PHE:HD1	1:109:A:PRO:HG2	7	0.12
(32,2258)	1:72:A:PHE:HD1	1:109:A:PRO:HG3	7	0.12
(32,2258)	1:72:A:PHE:HD2	1:109:A:PRO:HG2	7	0.12
(32,2258)	1:72:A:PHE:HD2	1:109:A:PRO:HG3	7	0.12
(32,2234)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	1	0.12
(32,2234)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	1	0.12
(32,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	9	0.12
(32,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	9	0.12
(32,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	9	0.12
(32,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	9	0.12
(32,2195)	1:60:A:LEU:HD11	1:120:A:CYS:HA	18	0.12
(32,2195)	1:60:A:LEU:HD12	1:120:A:CYS:HA	18	0.12
(32,2195)	1:60:A:LEU:HD13	1:120:A:CYS:HA	18	0.12
(32,2195)	1:60:A:LEU:HD21	1:120:A:CYS:HA	18	0.12
(32,2195)	1:60:A:LEU:HD22	1:120:A:CYS:HA	18	0.12
(32,2195)	1:60:A:LEU:HD23	1:120:A:CYS:HA	18	0.12
(32,2102)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	17	0.12
(32,2102)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	17	0.12
(32,2102)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	17	0.12
(32,2102)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	17	0.12
(32,2102)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	17	0.12
(32,2102)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	17	0.12
(32,2091)	1:39:A:VAL:HG11	1:43:A:MET:HB2	1	0.12
(32,2091)	1:39:A:VAL:HG12	1:43:A:MET:HB2	1	0.12
(32,2091)	1:39:A:VAL:HG13	1:43:A:MET:HB2	1	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2091)	1:39:A:VAL:HG21	1:43:A:MET:HB2	1	0.12
(32,2091)	1:39:A:VAL:HG22	1:43:A:MET:HB2	1	0.12
(32,2091)	1:39:A:VAL:HG23	1:43:A:MET:HB2	1	0.12
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD11	11	0.12
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD12	11	0.12
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD13	11	0.12
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD21	11	0.12
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD22	11	0.12
(32,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD23	11	0.12
(32,2056)	1:35:A:LEU:HD11	1:39:A:VAL:HB	4	0.12
(32,2056)	1:35:A:LEU:HD12	1:39:A:VAL:HB	4	0.12
(32,2056)	1:35:A:LEU:HD13	1:39:A:VAL:HB	4	0.12
(32,2056)	1:35:A:LEU:HD21	1:39:A:VAL:HB	4	0.12
(32,2056)	1:35:A:LEU:HD22	1:39:A:VAL:HB	4	0.12
(32,2056)	1:35:A:LEU:HD23	1:39:A:VAL:HB	4	0.12
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD11	3	0.12
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD12	3	0.12
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD13	3	0.12
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD21	3	0.12
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD22	3	0.12
(32,2001)	1:22:A:ASP:HA	1:23:A:LEU:HD23	3	0.12
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	11	0.12
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	11	0.12
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	11	0.12
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	11	0.12
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	11	0.12
(32,1997)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	11	0.12
(32,1994)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	11	0.12
(32,1994)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	11	0.12
(32,1994)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	11	0.12
(32,1994)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	11	0.12
(32,1994)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	11	0.12
(32,1994)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	11	0.12
(32,1994)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	11	0.12
(32,1994)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	11	0.12
(32,1994)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	11	0.12
(32,1994)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	11	0.12
(32,1994)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	11	0.12
(32,1994)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	11	0.12
(32,1936)	1:12:A:VAL:HG11	1:40:A:LEU:HA	18	0.12
(32,1936)	1:12:A:VAL:HG12	1:40:A:LEU:HA	18	0.12
(32,1936)	1:12:A:VAL:HG13	1:40:A:LEU:HA	18	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1936)	1:12:A:VAL:HG21	1:40:A:LEU:HA	18	0.12
(32,1936)	1:12:A:VAL:HG22	1:40:A:LEU:HA	18	0.12
(32,1936)	1:12:A:VAL:HG23	1:40:A:LEU:HA	18	0.12
(32,1918)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	18	0.12
(32,1918)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	18	0.12
(32,1918)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	18	0.12
(32,1918)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	18	0.12
(32,1918)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	18	0.12
(32,1918)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	18	0.12
(32,1918)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	18	0.12
(32,1918)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	18	0.12
(32,1918)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	18	0.12
(32,1918)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	18	0.12
(32,1918)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	18	0.12
(32,1918)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	18	0.12
(32,1918)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	18	0.12
(32,1918)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	18	0.12
(32,1918)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	18	0.12
(32,1918)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	18	0.12
(32,1918)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	18	0.12
(32,1918)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	18	0.12
(32,1898)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	13	0.12
(32,1898)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	13	0.12
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD11	10	0.12
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD12	10	0.12
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD13	10	0.12
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD21	10	0.12
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD22	10	0.12
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD23	10	0.12
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD11	10	0.12
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD12	10	0.12
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD13	10	0.12
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD21	10	0.12
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD22	10	0.12
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD23	10	0.12
(32,1880)	1:140:A:LEU:HA	1:143:A:TRP:HD1	2	0.12
(32,1871)	1:80:A:TYR:HE1	1:81:A:GLU:H	8	0.12
(32,1871)	1:80:A:TYR:HE2	1:81:A:GLU:H	8	0.12
(32,1853)	1:104:A:PHE:HE1	1:113:A:PHE:HA	10	0.12
(32,1853)	1:104:A:PHE:HE2	1:113:A:PHE:HA	10	0.12
(32,1841)	1:71:A:LYS:HA	1:72:A:PHE:HD1	5	0.12
(32,1841)	1:71:A:LYS:HA	1:72:A:PHE:HD2	5	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1814)	1:35:A:LEU:HB2	1:80:A:TYR:HE1	5	0.12
(32,1814)	1:35:A:LEU:HB2	1:80:A:TYR:HE2	5	0.12
(32,1813)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	18	0.12
(32,1813)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	18	0.12
(32,1813)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	18	0.12
(32,1813)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	18	0.12
(32,1769)	1:101:A:ILE:HB	1:104:A:PHE:HD1	18	0.12
(32,1769)	1:101:A:ILE:HB	1:104:A:PHE:HD2	18	0.12
(32,1761)	1:9:A:PHE:HD1	1:11:A:ILE:HB	16	0.12
(32,1761)	1:9:A:PHE:HD2	1:11:A:ILE:HB	16	0.12
(32,1754)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	4	0.12
(32,1754)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	4	0.12
(32,1754)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	4	0.12
(32,1754)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	4	0.12
(32,1754)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	4	0.12
(32,1754)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	4	0.12
(32,1729)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	3	0.12
(32,1729)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	3	0.12
(32,1729)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	3	0.12
(32,1714)	1:36:A:PRO:HG2	1:37:A:LEU:HG	7	0.12
(32,1645)	1:73:A:ILE:HG21	1:109:A:PRO:HA	13	0.12
(32,1645)	1:73:A:ILE:HG22	1:109:A:PRO:HA	13	0.12
(32,1645)	1:73:A:ILE:HG23	1:109:A:PRO:HA	13	0.12
(32,1615)	1:69:A:MET:HA	1:69:A:MET:HE1	6	0.12
(32,1615)	1:69:A:MET:HA	1:69:A:MET:HE2	6	0.12
(32,1615)	1:69:A:MET:HA	1:69:A:MET:HE3	6	0.12
(32,1583)	1:149:A:ALA:HB1	1:151:A:PHE:HA	16	0.12
(32,1583)	1:149:A:ALA:HB2	1:151:A:PHE:HA	16	0.12
(32,1583)	1:149:A:ALA:HB3	1:151:A:PHE:HA	16	0.12
(32,1571)	1:73:A:ILE:HG21	1:76:A:ARG:H	11	0.12
(32,1571)	1:73:A:ILE:HG22	1:76:A:ARG:H	11	0.12
(32,1571)	1:73:A:ILE:HG23	1:76:A:ARG:H	11	0.12
(32,1571)	1:73:A:ILE:HG21	1:76:A:ARG:H	14	0.12
(32,1571)	1:73:A:ILE:HG22	1:76:A:ARG:H	14	0.12
(32,1571)	1:73:A:ILE:HG23	1:76:A:ARG:H	14	0.12
(32,1562)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	13	0.12
(32,1562)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	13	0.12
(32,1562)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	13	0.12
(32,1546)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	1	0.12
(32,1546)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	1	0.12
(32,1546)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	1	0.12
(32,1481)	1:110:A:MET:HE1	1:113:A:PHE:HE1	14	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1481)	1:110:A:MET:HE1	1:113:A:PHE:HE2	14	0.12
(32,1481)	1:110:A:MET:HE2	1:113:A:PHE:HE1	14	0.12
(32,1481)	1:110:A:MET:HE2	1:113:A:PHE:HE2	14	0.12
(32,1481)	1:110:A:MET:HE3	1:113:A:PHE:HE1	14	0.12
(32,1481)	1:110:A:MET:HE3	1:113:A:PHE:HE2	14	0.12
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE1	6	0.12
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE2	6	0.12
(32,1463)	1:43:A:MET:HA	1:43:A:MET:HE3	6	0.12
(32,1456)	1:114:A:ILE:HG21	1:117:A:VAL:HB	17	0.12
(32,1456)	1:114:A:ILE:HG22	1:117:A:VAL:HB	17	0.12
(32,1456)	1:114:A:ILE:HG23	1:117:A:VAL:HB	17	0.12
(32,1436)	1:101:A:ILE:HG21	1:115:A:ALA:H	1	0.12
(32,1436)	1:101:A:ILE:HG22	1:115:A:ALA:H	1	0.12
(32,1436)	1:101:A:ILE:HG23	1:115:A:ALA:H	1	0.12
(32,1428)	1:95:A:ILE:HG21	1:96:A:VAL:H	6	0.12
(32,1428)	1:95:A:ILE:HG22	1:96:A:VAL:H	6	0.12
(32,1428)	1:95:A:ILE:HG23	1:96:A:VAL:H	6	0.12
(32,1423)	1:15:A:ALA:HB1	1:132:A:ALA:HA	8	0.12
(32,1423)	1:15:A:ALA:HB2	1:132:A:ALA:HA	8	0.12
(32,1423)	1:15:A:ALA:HB3	1:132:A:ALA:HA	8	0.12
(32,1423)	1:15:A:ALA:HB1	1:132:A:ALA:HA	11	0.12
(32,1423)	1:15:A:ALA:HB2	1:132:A:ALA:HA	11	0.12
(32,1423)	1:15:A:ALA:HB3	1:132:A:ALA:HA	11	0.12
(32,1384)	1:70:A:LYS:HA	1:73:A:ILE:HG21	13	0.12
(32,1384)	1:70:A:LYS:HA	1:73:A:ILE:HG22	13	0.12
(32,1384)	1:70:A:LYS:HA	1:73:A:ILE:HG23	13	0.12
(32,1365)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	12	0.12
(32,1365)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	12	0.12
(32,1365)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	12	0.12
(32,1363)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	5	0.12
(32,1363)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	5	0.12
(32,1363)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	5	0.12
(32,1363)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	5	0.12
(32,1363)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	5	0.12
(32,1363)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	5	0.12
(32,1305)	1:131:A:LEU:H	1:131:A:LEU:HD21	10	0.12
(32,1305)	1:131:A:LEU:H	1:131:A:LEU:HD22	10	0.12
(32,1305)	1:131:A:LEU:H	1:131:A:LEU:HD23	10	0.12
(32,1297)	1:106:A:ASP:HA	1:112:A:GLN:HE21	13	0.12
(32,1106)	1:80:A:TYR:HA	1:80:A:TYR:HE1	5	0.12
(32,1106)	1:80:A:TYR:HA	1:80:A:TYR:HE2	5	0.12
(32,1106)	1:80:A:TYR:HA	1:80:A:TYR:HE1	7	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1106)	1:80:A:TYR:HA	1:80:A:TYR:HE2	7	0.12
(32,1106)	1:80:A:TYR:HA	1:80:A:TYR:HE1	10	0.12
(32,1106)	1:80:A:TYR:HA	1:80:A:TYR:HE2	10	0.12
(32,1106)	1:80:A:TYR:HA	1:80:A:TYR:HE1	11	0.12
(32,1106)	1:80:A:TYR:HA	1:80:A:TYR:HE2	11	0.12
(32,1085)	1:66:A:THR:HG21	1:105:A:LYS:HA	2	0.12
(32,1085)	1:66:A:THR:HG22	1:105:A:LYS:HA	2	0.12
(32,1085)	1:66:A:THR:HG23	1:105:A:LYS:HA	2	0.12
(32,1085)	1:66:A:THR:HG21	1:105:A:LYS:HA	6	0.12
(32,1085)	1:66:A:THR:HG22	1:105:A:LYS:HA	6	0.12
(32,1085)	1:66:A:THR:HG23	1:105:A:LYS:HA	6	0.12
(32,1038)	1:140:A:LEU:H	1:140:A:LEU:HG	12	0.12
(32,987)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	12	0.12
(32,987)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	12	0.12
(32,987)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	12	0.12
(32,987)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	12	0.12
(32,957)	1:104:A:PHE:H	1:105:A:LYS:HB2	9	0.12
(32,957)	1:104:A:PHE:H	1:105:A:LYS:HB3	9	0.12
(32,929)	1:66:A:THR:H	1:96:A:VAL:HB	13	0.12
(32,915)	1:67:A:PRO:HA	1:70:A:LYS:HB2	16	0.12
(32,915)	1:67:A:PRO:HA	1:70:A:LYS:HB3	16	0.12
(32,891)	1:19:A:ALA:HB1	1:20:A:THR:HB	12	0.12
(32,891)	1:19:A:ALA:HB2	1:20:A:THR:HB	12	0.12
(32,891)	1:19:A:ALA:HB3	1:20:A:THR:HB	12	0.12
(32,858)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	14	0.12
(32,858)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	14	0.12
(32,858)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	14	0.12
(32,843)	1:60:A:LEU:HB3	1:61:A:SER:H	15	0.12
(32,840)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	7	0.12
(32,820)	1:48:A:ARG:HA	1:48:A:ARG:HD2	18	0.12
(32,820)	1:48:A:ARG:HA	1:48:A:ARG:HD3	18	0.12
(32,795)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	17	0.12
(32,795)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	17	0.12
(32,795)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	17	0.12
(32,772)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	7	0.12
(32,772)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	7	0.12
(32,772)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	7	0.12
(32,772)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	7	0.12
(32,772)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	7	0.12
(32,772)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	7	0.12
(32,767)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	12	0.12
(32,767)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	12	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,767)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	12	0.12
(32,767)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	12	0.12
(32,767)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	12	0.12
(32,767)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	12	0.12
(32,767)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	15	0.12
(32,767)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	15	0.12
(32,767)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	15	0.12
(32,767)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	15	0.12
(32,767)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	15	0.12
(32,767)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	15	0.12
(32,735)	1:103:A:ARG:HB2	1:103:A:ARG:HE	16	0.12
(32,735)	1:103:A:ARG:HB3	1:103:A:ARG:HE	16	0.12
(32,656)	1:101:A:ILE:HD11	1:116:A:GLN:H	10	0.12
(32,656)	1:101:A:ILE:HD12	1:116:A:GLN:H	10	0.12
(32,656)	1:101:A:ILE:HD13	1:116:A:GLN:H	10	0.12
(32,639)	1:66:A:THR:H	1:116:A:GLN:HE22	1	0.12
(32,606)	1:96:A:VAL:H	1:97:A:ASP:H	6	0.12
(32,579)	1:28:A:GLY:H	1:29:A:LYS:HG2	7	0.12
(32,579)	1:28:A:GLY:H	1:29:A:LYS:HG3	7	0.12
(32,568)	1:124:A:THR:HG1	1:126:A:GLY:H	17	0.12
(32,511)	1:74:A:PRO:HA	1:77:A:CYS:H	16	0.12
(32,366)	1:40:A:LEU:HB2	1:41:A:LYS:H	10	0.12
(32,351)	1:101:A:ILE:HG21	1:104:A:PHE:H	19	0.12
(32,351)	1:101:A:ILE:HG22	1:104:A:PHE:H	19	0.12
(32,351)	1:101:A:ILE:HG23	1:104:A:PHE:H	19	0.12
(32,265)	1:112:A:GLN:H	1:112:A:GLN:HE21	6	0.12
(32,243)	1:57:A:LEU:HD21	1:58:A:ILE:H	19	0.12
(32,243)	1:57:A:LEU:HD22	1:58:A:ILE:H	19	0.12
(32,243)	1:57:A:LEU:HD23	1:58:A:ILE:H	19	0.12
(32,224)	1:10:A:ASN:H	1:13:A:ALA:HB1	5	0.12
(32,224)	1:10:A:ASN:H	1:13:A:ALA:HB2	5	0.12
(32,224)	1:10:A:ASN:H	1:13:A:ALA:HB3	5	0.12
(32,201)	1:98:A:ILE:HD11	1:101:A:ILE:H	11	0.12
(32,201)	1:98:A:ILE:HD12	1:101:A:ILE:H	11	0.12
(32,201)	1:98:A:ILE:HD13	1:101:A:ILE:H	11	0.12
(32,201)	1:98:A:ILE:HD11	1:101:A:ILE:H	18	0.12
(32,201)	1:98:A:ILE:HD12	1:101:A:ILE:H	18	0.12
(32,201)	1:98:A:ILE:HD13	1:101:A:ILE:H	18	0.12
(32,152)	1:127:A:CYS:H	1:128:A:LEU:HB2	7	0.12
(32,111)	1:80:A:TYR:H	1:81:A:GLU:HG2	4	0.12
(32,111)	1:80:A:TYR:H	1:81:A:GLU:HG3	4	0.12
(32,92)	1:60:A:LEU:HA	1:63:A:ILE:H	19	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,86)	1:97:A:ASP:H	1:98:A:ILE:H	11	0.12
(32,64)	1:13:A:ALA:HB1	1:81:A:GLU:H	12	0.12
(32,64)	1:13:A:ALA:HB2	1:81:A:GLU:H	12	0.12
(32,64)	1:13:A:ALA:HB3	1:81:A:GLU:H	12	0.12
(32,57)	1:34:A:LYS:H	1:81:A:GLU:H	17	0.12
(30,2463)	1:142:A:LYS:HG2	1:143:A:TRP:HE1	5	0.12
(30,2463)	1:142:A:LYS:HG3	1:143:A:TRP:HE1	5	0.12
(30,2426)	1:136:A:CYS:HB2	1:141:A:LYS:HA	1	0.12
(30,2426)	1:136:A:CYS:HB3	1:141:A:LYS:HA	1	0.12
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD11	10	0.12
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD12	10	0.12
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD13	10	0.12
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD21	10	0.12
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD22	10	0.12
(30,2421)	1:134:A:VAL:HB	1:140:A:LEU:HD23	10	0.12
(30,2358)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	3	0.12
(30,2358)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	3	0.12
(30,2358)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.12
(30,2358)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.12
(30,2346)	1:107:A:LEU:HD11	1:112:A:GLN:HA	2	0.12
(30,2346)	1:107:A:LEU:HD12	1:112:A:GLN:HA	2	0.12
(30,2346)	1:107:A:LEU:HD13	1:112:A:GLN:HA	2	0.12
(30,2346)	1:107:A:LEU:HD21	1:112:A:GLN:HA	2	0.12
(30,2346)	1:107:A:LEU:HD22	1:112:A:GLN:HA	2	0.12
(30,2346)	1:107:A:LEU:HD23	1:112:A:GLN:HA	2	0.12
(30,2345)	1:107:A:LEU:HD11	1:112:A:GLN:H	8	0.12
(30,2345)	1:107:A:LEU:HD12	1:112:A:GLN:H	8	0.12
(30,2345)	1:107:A:LEU:HD13	1:112:A:GLN:H	8	0.12
(30,2345)	1:107:A:LEU:HD21	1:112:A:GLN:H	8	0.12
(30,2345)	1:107:A:LEU:HD22	1:112:A:GLN:H	8	0.12
(30,2345)	1:107:A:LEU:HD23	1:112:A:GLN:H	8	0.12
(30,2293)	1:96:A:VAL:HG11	1:97:A:ASP:H	16	0.12
(30,2293)	1:96:A:VAL:HG12	1:97:A:ASP:H	16	0.12
(30,2293)	1:96:A:VAL:HG13	1:97:A:ASP:H	16	0.12
(30,2293)	1:96:A:VAL:HG21	1:97:A:ASP:H	16	0.12
(30,2293)	1:96:A:VAL:HG22	1:97:A:ASP:H	16	0.12
(30,2293)	1:96:A:VAL:HG23	1:97:A:ASP:H	16	0.12
(30,2240)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	1	0.12
(30,2240)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	1	0.12
(30,2156)	1:42:A:GLU:HB2	1:140:A:LEU:HD11	9	0.12
(30,2156)	1:42:A:GLU:HB2	1:140:A:LEU:HD12	9	0.12
(30,2156)	1:42:A:GLU:HB2	1:140:A:LEU:HD13	9	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2156)	1:42:A:GLU:HB2	1:140:A:LEU:HD21	9	0.12
(30,2156)	1:42:A:GLU:HB2	1:140:A:LEU:HD22	9	0.12
(30,2156)	1:42:A:GLU:HB2	1:140:A:LEU:HD23	9	0.12
(30,2156)	1:42:A:GLU:HB3	1:140:A:LEU:HD11	9	0.12
(30,2156)	1:42:A:GLU:HB3	1:140:A:LEU:HD12	9	0.12
(30,2156)	1:42:A:GLU:HB3	1:140:A:LEU:HD13	9	0.12
(30,2156)	1:42:A:GLU:HB3	1:140:A:LEU:HD21	9	0.12
(30,2156)	1:42:A:GLU:HB3	1:140:A:LEU:HD22	9	0.12
(30,2156)	1:42:A:GLU:HB3	1:140:A:LEU:HD23	9	0.12
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD11	9	0.12
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD12	9	0.12
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD13	9	0.12
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD21	9	0.12
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD22	9	0.12
(30,2116)	1:39:A:VAL:HB	1:140:A:LEU:HD23	9	0.12
(30,2098)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	15	0.12
(30,2098)	1:37:A:LEU:HD11	1:41:A:LYS:HG3	15	0.12
(30,2098)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	15	0.12
(30,2098)	1:37:A:LEU:HD12	1:41:A:LYS:HG3	15	0.12
(30,2098)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	15	0.12
(30,2098)	1:37:A:LEU:HD13	1:41:A:LYS:HG3	15	0.12
(30,2084)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	7	0.12
(30,2084)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	7	0.12
(30,2084)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	7	0.12
(30,2084)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	7	0.12
(30,2084)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	7	0.12
(30,2084)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	7	0.12
(30,2032)	1:23:A:LEU:HD11	1:25:A:ALA:H	10	0.12
(30,2032)	1:23:A:LEU:HD12	1:25:A:ALA:H	10	0.12
(30,2032)	1:23:A:LEU:HD13	1:25:A:ALA:H	10	0.12
(30,2032)	1:23:A:LEU:HD21	1:25:A:ALA:H	10	0.12
(30,2032)	1:23:A:LEU:HD22	1:25:A:ALA:H	10	0.12
(30,2032)	1:23:A:LEU:HD23	1:25:A:ALA:H	10	0.12
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	5	0.12
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	5	0.12
(30,1988)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	5	0.12
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	5	0.12
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	5	0.12
(30,1988)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	5	0.12
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	5	0.12
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	5	0.12
(30,1988)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	5	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	5	0.12
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	5	0.12
(30,1988)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	5	0.12
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	5	0.12
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	5	0.12
(30,1988)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	5	0.12
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	5	0.12
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	5	0.12
(30,1988)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	5	0.12
(30,1973)	1:12:A:VAL:HG11	1:40:A:LEU:HA	18	0.12
(30,1973)	1:12:A:VAL:HG12	1:40:A:LEU:HA	18	0.12
(30,1973)	1:12:A:VAL:HG13	1:40:A:LEU:HA	18	0.12
(30,1973)	1:12:A:VAL:HG21	1:40:A:LEU:HA	18	0.12
(30,1973)	1:12:A:VAL:HG22	1:40:A:LEU:HA	18	0.12
(30,1973)	1:12:A:VAL:HG23	1:40:A:LEU:HA	18	0.12
(30,1926)	1:8:A:ASP:HB2	1:9:A:PHE:HD1	7	0.12
(30,1926)	1:8:A:ASP:HB2	1:9:A:PHE:HD2	7	0.12
(30,1926)	1:8:A:ASP:HB3	1:9:A:PHE:HD1	7	0.12
(30,1926)	1:8:A:ASP:HB3	1:9:A:PHE:HD2	7	0.12
(30,1918)	1:140:A:LEU:HA	1:143:A:TRP:HD1	2	0.12
(30,1896)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	2	0.12
(30,1896)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	2	0.12
(30,1896)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	2	0.12
(30,1896)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	2	0.12
(30,1896)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	2	0.12
(30,1896)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	2	0.12
(30,1886)	1:104:A:PHE:HE1	1:113:A:PHE:HA	10	0.12
(30,1886)	1:104:A:PHE:HE2	1:113:A:PHE:HA	10	0.12
(30,1829)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	15	0.12
(30,1829)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	15	0.12
(30,1827)	1:9:A:PHE:HZ	1:57:A:LEU:HA	13	0.12
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG21	8	0.12
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG22	8	0.12
(30,1795)	1:9:A:PHE:HD1	1:58:A:ILE:HG23	8	0.12
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG21	8	0.12
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG22	8	0.12
(30,1795)	1:9:A:PHE:HD2	1:58:A:ILE:HG23	8	0.12
(30,1725)	1:14:A:VAL:H	1:79:A:THR:HG21	7	0.12
(30,1725)	1:14:A:VAL:H	1:79:A:THR:HG22	7	0.12
(30,1725)	1:14:A:VAL:H	1:79:A:THR:HG23	7	0.12
(30,1695)	1:73:A:ILE:HG21	1:109:A:PRO:HA	13	0.12
(30,1695)	1:73:A:ILE:HG22	1:109:A:PRO:HA	13	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1695)	1:73:A:ILE:HG23	1:109:A:PRO:HA	13	0.12
(30,1673)	1:107:A:LEU:H	1:111:A:GLU:HB2	11	0.12
(30,1673)	1:107:A:LEU:H	1:111:A:GLU:HB3	11	0.12
(30,1661)	1:69:A:MET:HA	1:69:A:MET:HE1	6	0.12
(30,1661)	1:69:A:MET:HA	1:69:A:MET:HE2	6	0.12
(30,1661)	1:69:A:MET:HA	1:69:A:MET:HE3	6	0.12
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG11	10	0.12
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG12	10	0.12
(30,1656)	1:43:A:MET:HA	1:134:A:VAL:HG13	10	0.12
(30,1649)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	17	0.12
(30,1649)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	17	0.12
(30,1649)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	17	0.12
(30,1649)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	17	0.12
(30,1649)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	17	0.12
(30,1649)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	17	0.12
(30,1610)	1:73:A:ILE:HG21	1:76:A:ARG:H	11	0.12
(30,1610)	1:73:A:ILE:HG22	1:76:A:ARG:H	11	0.12
(30,1610)	1:73:A:ILE:HG23	1:76:A:ARG:H	11	0.12
(30,1610)	1:73:A:ILE:HG21	1:76:A:ARG:H	14	0.12
(30,1610)	1:73:A:ILE:HG22	1:76:A:ARG:H	14	0.12
(30,1610)	1:73:A:ILE:HG23	1:76:A:ARG:H	14	0.12
(30,1602)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	13	0.12
(30,1602)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	13	0.12
(30,1602)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	13	0.12
(30,1590)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	15	0.12
(30,1590)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	15	0.12
(30,1590)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	15	0.12
(30,1590)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	15	0.12
(30,1590)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	15	0.12
(30,1590)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	15	0.12
(30,1582)	1:63:A:ILE:HD11	1:113:A:PHE:HA	11	0.12
(30,1582)	1:63:A:ILE:HD12	1:113:A:PHE:HA	11	0.12
(30,1582)	1:63:A:ILE:HD13	1:113:A:PHE:HA	11	0.12
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	12	0.12
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	12	0.12
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	12	0.12
(30,1490)	1:114:A:ILE:HG21	1:117:A:VAL:H	1	0.12
(30,1490)	1:114:A:ILE:HG22	1:117:A:VAL:H	1	0.12
(30,1490)	1:114:A:ILE:HG23	1:117:A:VAL:H	1	0.12
(30,1486)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	11	0.12
(30,1486)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	11	0.12
(30,1486)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	11	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1486)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	11	0.12
(30,1486)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	11	0.12
(30,1486)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	11	0.12
(30,1478)	1:101:A:ILE:HG21	1:116:A:GLN:H	4	0.12
(30,1478)	1:101:A:ILE:HG22	1:116:A:GLN:H	4	0.12
(30,1478)	1:101:A:ILE:HG23	1:116:A:GLN:H	4	0.12
(30,1478)	1:101:A:ILE:HG21	1:116:A:GLN:H	9	0.12
(30,1478)	1:101:A:ILE:HG22	1:116:A:GLN:H	9	0.12
(30,1478)	1:101:A:ILE:HG23	1:116:A:GLN:H	9	0.12
(30,1478)	1:101:A:ILE:HG21	1:116:A:GLN:H	13	0.12
(30,1478)	1:101:A:ILE:HG22	1:116:A:GLN:H	13	0.12
(30,1478)	1:101:A:ILE:HG23	1:116:A:GLN:H	13	0.12
(30,1474)	1:101:A:ILE:HG21	1:115:A:ALA:H	1	0.12
(30,1474)	1:101:A:ILE:HG22	1:115:A:ALA:H	1	0.12
(30,1474)	1:101:A:ILE:HG23	1:115:A:ALA:H	1	0.12
(30,1450)	1:47:A:ALA:HA	1:50:A:ALA:HB1	10	0.12
(30,1450)	1:47:A:ALA:HA	1:50:A:ALA:HB2	10	0.12
(30,1450)	1:47:A:ALA:HA	1:50:A:ALA:HB3	10	0.12
(30,1419)	1:70:A:LYS:HA	1:73:A:ILE:HG21	13	0.12
(30,1419)	1:70:A:LYS:HA	1:73:A:ILE:HG22	13	0.12
(30,1419)	1:70:A:LYS:HA	1:73:A:ILE:HG23	13	0.12
(30,1336)	1:117:A:VAL:HG11	1:118:A:ASP:H	15	0.12
(30,1336)	1:117:A:VAL:HG12	1:118:A:ASP:H	15	0.12
(30,1336)	1:117:A:VAL:HG13	1:118:A:ASP:H	15	0.12
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD11	17	0.12
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD12	17	0.12
(30,1155)	1:37:A:LEU:HA	1:37:A:LEU:HD13	17	0.12
(30,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE1	5	0.12
(30,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE2	5	0.12
(30,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE1	7	0.12
(30,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE2	7	0.12
(30,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE1	10	0.12
(30,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE2	10	0.12
(30,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE1	11	0.12
(30,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE2	11	0.12
(30,1113)	1:143:A:TRP:HA	1:143:A:TRP:HE3	15	0.12
(30,1074)	1:101:A:ILE:HG21	1:112:A:GLN:HA	5	0.12
(30,1074)	1:101:A:ILE:HG22	1:112:A:GLN:HA	5	0.12
(30,1074)	1:101:A:ILE:HG23	1:112:A:GLN:HA	5	0.12
(30,1018)	1:41:A:LYS:HA	1:44:A:GLU:HB2	13	0.12
(30,1018)	1:41:A:LYS:HA	1:44:A:GLU:HB3	13	0.12
(30,1008)	1:149:A:ALA:HB1	1:150:A:THR:HA	7	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1008)	1:149:A:ALA:HB2	1:150:A:THR:HA	7	0.12
(30,1008)	1:149:A:ALA:HB3	1:150:A:THR:HA	7	0.12
(30,1007)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	12	0.12
(30,1007)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	12	0.12
(30,1007)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	12	0.12
(30,1007)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	12	0.12
(30,981)	1:113:A:PHE:HE1	1:114:A:ILE:HA	9	0.12
(30,981)	1:113:A:PHE:HE2	1:114:A:ILE:HA	9	0.12
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG11	19	0.12
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG12	19	0.12
(30,957)	1:43:A:MET:HB3	1:134:A:VAL:HG13	19	0.12
(30,940)	1:67:A:PRO:HA	1:70:A:LYS:HB2	16	0.12
(30,940)	1:67:A:PRO:HA	1:70:A:LYS:HB3	16	0.12
(30,927)	1:79:A:THR:HG21	1:81:A:GLU:HG2	8	0.12
(30,927)	1:79:A:THR:HG21	1:81:A:GLU:HG3	8	0.12
(30,927)	1:79:A:THR:HG22	1:81:A:GLU:HG2	8	0.12
(30,927)	1:79:A:THR:HG22	1:81:A:GLU:HG3	8	0.12
(30,927)	1:79:A:THR:HG23	1:81:A:GLU:HG2	8	0.12
(30,927)	1:79:A:THR:HG23	1:81:A:GLU:HG3	8	0.12
(30,923)	1:81:A:GLU:HA	1:81:A:GLU:HG2	16	0.12
(30,923)	1:81:A:GLU:HA	1:81:A:GLU:HG3	16	0.12
(30,906)	1:19:A:ALA:HB1	1:20:A:THR:HB	12	0.12
(30,906)	1:19:A:ALA:HB2	1:20:A:THR:HB	12	0.12
(30,906)	1:19:A:ALA:HB3	1:20:A:THR:HB	12	0.12
(30,902)	1:150:A:THR:H	1:150:A:THR:HB	6	0.12
(30,902)	1:150:A:THR:H	1:150:A:THR:HB	7	0.12
(30,858)	1:60:A:LEU:HB3	1:61:A:SER:H	15	0.12
(30,854)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	7	0.12
(30,839)	1:48:A:ARG:HA	1:48:A:ARG:HD2	18	0.12
(30,839)	1:48:A:ARG:HA	1:48:A:ARG:HD3	18	0.12
(30,836)	1:103:A:ARG:HA	1:103:A:ARG:HD2	5	0.12
(30,836)	1:103:A:ARG:HA	1:103:A:ARG:HD3	5	0.12
(30,784)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	1	0.12
(30,784)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	1	0.12
(30,784)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	1	0.12
(30,784)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	1	0.12
(30,784)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	1	0.12
(30,784)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	1	0.12
(30,770)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	8	0.12
(30,770)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	8	0.12
(30,770)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	8	0.12
(30,770)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	8	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,770)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	8	0.12
(30,770)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	8	0.12
(30,704)	1:23:A:LEU:HD21	1:27:A:ARG:HE	18	0.12
(30,704)	1:23:A:LEU:HD22	1:27:A:ARG:HE	18	0.12
(30,704)	1:23:A:LEU:HD23	1:27:A:ARG:HE	18	0.12
(30,698)	1:98:A:ILE:H	1:104:A:PHE:H	18	0.12
(30,666)	1:101:A:ILE:HD11	1:116:A:GLN:H	10	0.12
(30,666)	1:101:A:ILE:HD12	1:116:A:GLN:H	10	0.12
(30,666)	1:101:A:ILE:HD13	1:116:A:GLN:H	10	0.12
(30,629)	1:9:A:PHE:HZ	1:58:A:ILE:H	16	0.12
(30,582)	1:124:A:THR:HG1	1:126:A:GLY:H	17	0.12
(30,552)	1:73:A:ILE:HD11	1:110:A:MET:H	11	0.12
(30,552)	1:73:A:ILE:HD12	1:110:A:MET:H	11	0.12
(30,552)	1:73:A:ILE:HD13	1:110:A:MET:H	11	0.12
(30,362)	1:101:A:ILE:HG21	1:104:A:PHE:H	19	0.12
(30,362)	1:101:A:ILE:HG22	1:104:A:PHE:H	19	0.12
(30,362)	1:101:A:ILE:HG23	1:104:A:PHE:H	19	0.12
(30,355)	1:104:A:PHE:H	1:106:A:ASP:H	16	0.12
(30,292)	1:121:A:VAL:H	1:123:A:CYS:H	15	0.12
(30,246)	1:23:A:LEU:HD11	1:24:A:ASP:H	16	0.12
(30,246)	1:23:A:LEU:HD12	1:24:A:ASP:H	16	0.12
(30,246)	1:23:A:LEU:HD13	1:24:A:ASP:H	16	0.12
(30,235)	1:10:A:ASN:H	1:13:A:ALA:HB1	5	0.12
(30,235)	1:10:A:ASN:H	1:13:A:ALA:HB2	5	0.12
(30,235)	1:10:A:ASN:H	1:13:A:ALA:HB3	5	0.12
(30,224)	1:9:A:PHE:HE1	1:10:A:ASN:H	11	0.12
(30,224)	1:9:A:PHE:HE2	1:10:A:ASN:H	11	0.12
(30,158)	1:127:A:CYS:H	1:128:A:LEU:HB2	7	0.12
(30,115)	1:80:A:TYR:H	1:81:A:GLU:HG2	4	0.12
(30,115)	1:80:A:TYR:H	1:81:A:GLU:HG3	4	0.12
(30,68)	1:13:A:ALA:HB1	1:81:A:GLU:H	12	0.12
(30,68)	1:13:A:ALA:HB2	1:81:A:GLU:H	12	0.12
(30,68)	1:13:A:ALA:HB3	1:81:A:GLU:H	12	0.12
(29,2417)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.12
(29,2417)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.12
(29,2417)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.12
(29,2417)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.12
(29,2417)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.12
(29,2417)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.12
(29,2417)	1:139:A:LEU:HD11	1:144:A:LEU:H	6	0.12
(29,2417)	1:139:A:LEU:HD12	1:144:A:LEU:H	6	0.12
(29,2417)	1:139:A:LEU:HD13	1:144:A:LEU:H	6	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2417)	1:139:A:LEU:HD21	1:144:A:LEU:H	6	0.12
(29,2417)	1:139:A:LEU:HD22	1:144:A:LEU:H	6	0.12
(29,2417)	1:139:A:LEU:HD23	1:144:A:LEU:H	6	0.12
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD11	10	0.12
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD12	10	0.12
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD13	10	0.12
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD21	10	0.12
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD22	10	0.12
(29,2394)	1:134:A:VAL:HB	1:140:A:LEU:HD23	10	0.12
(29,2389)	1:132:A:ALA:H	1:133:A:ASN:HB2	19	0.12
(29,2389)	1:132:A:ALA:H	1:133:A:ASN:HB3	19	0.12
(29,2326)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	3	0.12
(29,2326)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	3	0.12
(29,2326)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.12
(29,2326)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.12
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD11	7	0.12
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD12	7	0.12
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD13	7	0.12
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD21	7	0.12
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD22	7	0.12
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD23	7	0.12
(29,2238)	1:69:A:MET:HG2	1:70:A:LYS:HG2	11	0.12
(29,2238)	1:69:A:MET:HG3	1:70:A:LYS:HG2	11	0.12
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	6	0.12
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	6	0.12
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	6	0.12
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	6	0.12
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	6	0.12
(29,2160)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	6	0.12
(29,2143)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	7	0.12
(29,2143)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	7	0.12
(29,2143)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	7	0.12
(29,2143)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	7	0.12
(29,2143)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	7	0.12
(29,2143)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	7	0.12
(29,2143)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	7	0.12
(29,2143)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	7	0.12
(29,2143)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	7	0.12
(29,2143)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	7	0.12
(29,2143)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	7	0.12
(29,2143)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	7	0.12
(29,2142)	1:40:A:LEU:HD11	1:44:A:GLU:H	17	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2142)	1:40:A:LEU:HD12	1:44:A:GLU:H	17	0.12
(29,2142)	1:40:A:LEU:HD13	1:44:A:GLU:H	17	0.12
(29,2142)	1:40:A:LEU:HD21	1:44:A:GLU:H	17	0.12
(29,2142)	1:40:A:LEU:HD22	1:44:A:GLU:H	17	0.12
(29,2142)	1:40:A:LEU:HD23	1:44:A:GLU:H	17	0.12
(29,2135)	1:40:A:LEU:HA	1:40:A:LEU:HD11	4	0.12
(29,2135)	1:40:A:LEU:HA	1:40:A:LEU:HD12	4	0.12
(29,2135)	1:40:A:LEU:HA	1:40:A:LEU:HD13	4	0.12
(29,2135)	1:40:A:LEU:HA	1:40:A:LEU:HD21	4	0.12
(29,2135)	1:40:A:LEU:HA	1:40:A:LEU:HD22	4	0.12
(29,2135)	1:40:A:LEU:HA	1:40:A:LEU:HD23	4	0.12
(29,2130)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	17	0.12
(29,2130)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	17	0.12
(29,2130)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	17	0.12
(29,2130)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	17	0.12
(29,2130)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	17	0.12
(29,2130)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	17	0.12
(29,2045)	1:18:A:PHE:HZ	1:60:A:LEU:HD11	14	0.12
(29,2045)	1:18:A:PHE:HZ	1:60:A:LEU:HD12	14	0.12
(29,2045)	1:18:A:PHE:HZ	1:60:A:LEU:HD13	14	0.12
(29,2045)	1:18:A:PHE:HZ	1:60:A:LEU:HD21	14	0.12
(29,2045)	1:18:A:PHE:HZ	1:60:A:LEU:HD22	14	0.12
(29,2045)	1:18:A:PHE:HZ	1:60:A:LEU:HD23	14	0.12
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	5	0.12
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	5	0.12
(29,2009)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	5	0.12
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	5	0.12
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	5	0.12
(29,2009)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	5	0.12
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	5	0.12
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	5	0.12
(29,2009)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	5	0.12
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	5	0.12
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	5	0.12
(29,2009)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	5	0.12
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	5	0.12
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	5	0.12
(29,2009)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	5	0.12
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	5	0.12
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	5	0.12
(29,2009)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	5	0.12
(29,1979)	1:11:A:ILE:HG12	1:40:A:LEU:HD11	19	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1979)	1:11:A:ILE:HG12	1:40:A:LEU:HD12	19	0.12
(29,1979)	1:11:A:ILE:HG12	1:40:A:LEU:HD13	19	0.12
(29,1979)	1:11:A:ILE:HG12	1:40:A:LEU:HD21	19	0.12
(29,1979)	1:11:A:ILE:HG12	1:40:A:LEU:HD22	19	0.12
(29,1979)	1:11:A:ILE:HG12	1:40:A:LEU:HD23	19	0.12
(29,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	19	0.12
(29,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	19	0.12
(29,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	19	0.12
(29,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD21	19	0.12
(29,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD22	19	0.12
(29,1979)	1:11:A:ILE:HG13	1:40:A:LEU:HD23	19	0.12
(29,1960)	1:10:A:ASN:H	1:14:A:VAL:HG11	13	0.12
(29,1960)	1:10:A:ASN:H	1:14:A:VAL:HG12	13	0.12
(29,1960)	1:10:A:ASN:H	1:14:A:VAL:HG13	13	0.12
(29,1960)	1:10:A:ASN:H	1:14:A:VAL:HG21	13	0.12
(29,1960)	1:10:A:ASN:H	1:14:A:VAL:HG22	13	0.12
(29,1960)	1:10:A:ASN:H	1:14:A:VAL:HG23	13	0.12
(29,1935)	1:140:A:LEU:HA	1:143:A:TRP:HD1	2	0.12
(29,1932)	1:58:A:ILE:HB	1:62:A:HIS:HE1	1	0.12
(29,1932)	1:58:A:ILE:HB	1:62:A:HIS:HE1	8	0.12
(29,1932)	1:58:A:ILE:HB	1:62:A:HIS:HE1	14	0.12
(29,1932)	1:58:A:ILE:HB	1:62:A:HIS:HE1	18	0.12
(29,1928)	1:80:A:TYR:HE1	1:81:A:GLU:H	8	0.12
(29,1928)	1:80:A:TYR:HE2	1:81:A:GLU:H	8	0.12
(29,1827)	1:101:A:ILE:HB	1:104:A:PHE:HD1	18	0.12
(29,1827)	1:101:A:ILE:HB	1:104:A:PHE:HD2	18	0.12
(29,1816)	1:71:A:LYS:HE2	1:72:A:PHE:HD1	19	0.12
(29,1816)	1:71:A:LYS:HE2	1:72:A:PHE:HD2	19	0.12
(29,1816)	1:71:A:LYS:HE3	1:72:A:PHE:HD1	19	0.12
(29,1816)	1:71:A:LYS:HE3	1:72:A:PHE:HD2	19	0.12
(29,1809)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	8	0.12
(29,1809)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	8	0.12
(29,1809)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	8	0.12
(29,1809)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	8	0.12
(29,1809)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	8	0.12
(29,1809)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	8	0.12
(29,1809)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	8	0.12
(29,1809)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	8	0.12
(29,1809)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	8	0.12
(29,1809)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	8	0.12
(29,1809)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	8	0.12
(29,1809)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	8	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1775)	1:36:A:PRO:HG2	1:37:A:LEU:HG	7	0.12
(29,1717)	1:14:A:VAL:H	1:43:A:MET:HE1	3	0.12
(29,1717)	1:14:A:VAL:H	1:43:A:MET:HE2	3	0.12
(29,1717)	1:14:A:VAL:H	1:43:A:MET:HE3	3	0.12
(29,1717)	1:14:A:VAL:H	1:43:A:MET:HE1	19	0.12
(29,1717)	1:14:A:VAL:H	1:43:A:MET:HE2	19	0.12
(29,1717)	1:14:A:VAL:H	1:43:A:MET:HE3	19	0.12
(29,1709)	1:73:A:ILE:HG21	1:109:A:PRO:HA	13	0.12
(29,1709)	1:73:A:ILE:HG22	1:109:A:PRO:HA	13	0.12
(29,1709)	1:73:A:ILE:HG23	1:109:A:PRO:HA	13	0.12
(29,1692)	1:107:A:LEU:H	1:111:A:GLU:HB2	11	0.12
(29,1692)	1:107:A:LEU:H	1:111:A:GLU:HB3	11	0.12
(29,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	2	0.12
(29,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	2	0.12
(29,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	2	0.12
(29,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	2	0.12
(29,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	2	0.12
(29,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	2	0.12
(29,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	9	0.12
(29,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	9	0.12
(29,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	9	0.12
(29,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	9	0.12
(29,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	9	0.12
(29,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	9	0.12
(29,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	15	0.12
(29,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	15	0.12
(29,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	15	0.12
(29,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	15	0.12
(29,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	15	0.12
(29,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	15	0.12
(29,1619)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	2	0.12
(29,1619)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	2	0.12
(29,1619)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	2	0.12
(29,1619)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	6	0.12
(29,1619)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	6	0.12
(29,1619)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	6	0.12
(29,1545)	1:66:A:THR:HG21	1:69:A:MET:HE1	15	0.12
(29,1545)	1:66:A:THR:HG21	1:69:A:MET:HE2	15	0.12
(29,1545)	1:66:A:THR:HG21	1:69:A:MET:HE3	15	0.12
(29,1545)	1:66:A:THR:HG22	1:69:A:MET:HE1	15	0.12
(29,1545)	1:66:A:THR:HG22	1:69:A:MET:HE2	15	0.12
(29,1545)	1:66:A:THR:HG22	1:69:A:MET:HE3	15	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1545)	1:66:A:THR:HG23	1:69:A:MET:HE1	15	0.12
(29,1545)	1:66:A:THR:HG23	1:69:A:MET:HE2	15	0.12
(29,1545)	1:66:A:THR:HG23	1:69:A:MET:HE3	15	0.12
(29,1508)	1:47:A:ALA:HB1	1:48:A:ARG:HB2	19	0.12
(29,1508)	1:47:A:ALA:HB1	1:48:A:ARG:HB3	19	0.12
(29,1508)	1:47:A:ALA:HB2	1:48:A:ARG:HB2	19	0.12
(29,1508)	1:47:A:ALA:HB2	1:48:A:ARG:HB3	19	0.12
(29,1508)	1:47:A:ALA:HB3	1:48:A:ARG:HB2	19	0.12
(29,1508)	1:47:A:ALA:HB3	1:48:A:ARG:HB3	19	0.12
(29,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	11	0.12
(29,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	11	0.12
(29,1495)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	11	0.12
(29,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	11	0.12
(29,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	11	0.12
(29,1495)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	11	0.12
(29,1488)	1:101:A:ILE:HG21	1:116:A:GLN:H	4	0.12
(29,1488)	1:101:A:ILE:HG22	1:116:A:GLN:H	4	0.12
(29,1488)	1:101:A:ILE:HG23	1:116:A:GLN:H	4	0.12
(29,1488)	1:101:A:ILE:HG21	1:116:A:GLN:H	9	0.12
(29,1488)	1:101:A:ILE:HG22	1:116:A:GLN:H	9	0.12
(29,1488)	1:101:A:ILE:HG23	1:116:A:GLN:H	9	0.12
(29,1488)	1:101:A:ILE:HG21	1:116:A:GLN:H	13	0.12
(29,1488)	1:101:A:ILE:HG22	1:116:A:GLN:H	13	0.12
(29,1488)	1:101:A:ILE:HG23	1:116:A:GLN:H	13	0.12
(29,1484)	1:101:A:ILE:HG21	1:115:A:ALA:H	1	0.12
(29,1484)	1:101:A:ILE:HG22	1:115:A:ALA:H	1	0.12
(29,1484)	1:101:A:ILE:HG23	1:115:A:ALA:H	1	0.12
(29,1479)	1:45:A:ALA:HB1	1:49:A:LYS:HE2	4	0.12
(29,1479)	1:45:A:ALA:HB1	1:49:A:LYS:HE3	4	0.12
(29,1479)	1:45:A:ALA:HB2	1:49:A:LYS:HE2	4	0.12
(29,1479)	1:45:A:ALA:HB2	1:49:A:LYS:HE3	4	0.12
(29,1479)	1:45:A:ALA:HB3	1:49:A:LYS:HE2	4	0.12
(29,1479)	1:45:A:ALA:HB3	1:49:A:LYS:HE3	4	0.12
(29,1464)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	14	0.12
(29,1464)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	14	0.12
(29,1464)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	14	0.12
(29,1442)	1:101:A:ILE:HB	1:115:A:ALA:HB1	7	0.12
(29,1442)	1:101:A:ILE:HB	1:115:A:ALA:HB2	7	0.12
(29,1442)	1:101:A:ILE:HB	1:115:A:ALA:HB3	7	0.12
(29,1427)	1:73:A:ILE:HG21	1:113:A:PHE:HB3	19	0.12
(29,1427)	1:73:A:ILE:HG22	1:113:A:PHE:HB3	19	0.12
(29,1427)	1:73:A:ILE:HG23	1:113:A:PHE:HB3	19	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG21	13	0.12
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG22	13	0.12
(29,1426)	1:69:A:MET:HA	1:73:A:ILE:HG23	13	0.12
(29,1408)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	19	0.12
(29,1408)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	19	0.12
(29,1408)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	19	0.12
(29,1408)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	19	0.12
(29,1408)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	19	0.12
(29,1408)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	19	0.12
(29,1408)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	19	0.12
(29,1408)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	19	0.12
(29,1408)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	19	0.12
(29,1390)	1:100:A:ALA:HA	1:119:A:LEU:HD11	19	0.12
(29,1390)	1:100:A:ALA:HA	1:119:A:LEU:HD12	19	0.12
(29,1390)	1:100:A:ALA:HA	1:119:A:LEU:HD13	19	0.12
(29,1301)	1:66:A:THR:HG21	1:70:A:LYS:H	4	0.12
(29,1301)	1:66:A:THR:HG22	1:70:A:LYS:H	4	0.12
(29,1301)	1:66:A:THR:HG23	1:70:A:LYS:H	4	0.12
(29,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	1	0.12
(29,1223)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	1	0.12
(29,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	1	0.12
(29,1223)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	1	0.12
(29,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	1	0.12
(29,1223)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	1	0.12
(29,1209)	1:104:A:PHE:HA	1:107:A:LEU:HD21	11	0.12
(29,1209)	1:104:A:PHE:HA	1:107:A:LEU:HD22	11	0.12
(29,1209)	1:104:A:PHE:HA	1:107:A:LEU:HD23	11	0.12
(29,1133)	1:143:A:TRP:HA	1:143:A:TRP:HE3	15	0.12
(29,1100)	1:70:A:LYS:HA	1:70:A:LYS:HE2	4	0.12
(29,1100)	1:70:A:LYS:HA	1:70:A:LYS:HE3	4	0.12
(29,1063)	1:110:A:MET:HE1	1:114:A:ILE:HG12	9	0.12
(29,1063)	1:110:A:MET:HE2	1:114:A:ILE:HG12	9	0.12
(29,1063)	1:110:A:MET:HE3	1:114:A:ILE:HG12	9	0.12
(29,1063)	1:110:A:MET:HE1	1:114:A:ILE:HG12	18	0.12
(29,1063)	1:110:A:MET:HE2	1:114:A:ILE:HG12	18	0.12
(29,1063)	1:110:A:MET:HE3	1:114:A:ILE:HG12	18	0.12
(29,1043)	1:41:A:LYS:HA	1:44:A:GLU:HB2	13	0.12
(29,1043)	1:41:A:LYS:HA	1:44:A:GLU:HB3	13	0.12
(29,1030)	1:149:A:ALA:HB1	1:150:A:THR:HA	7	0.12
(29,1030)	1:149:A:ALA:HB2	1:150:A:THR:HA	7	0.12
(29,1030)	1:149:A:ALA:HB3	1:150:A:THR:HA	7	0.12
(29,999)	1:113:A:PHE:HE1	1:114:A:ILE:HA	9	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,999)	1:113:A:PHE:HE2	1:114:A:ILE:HA	9	0.12
(29,938)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	14	0.12
(29,938)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	14	0.12
(29,938)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	14	0.12
(29,938)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	14	0.12
(29,876)	1:60:A:LEU:HB3	1:61:A:SER:H	15	0.12
(29,871)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	7	0.12
(29,853)	1:48:A:ARG:HA	1:48:A:ARG:HD2	18	0.12
(29,853)	1:48:A:ARG:HA	1:48:A:ARG:HD3	18	0.12
(29,829)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	17	0.12
(29,829)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	17	0.12
(29,829)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	17	0.12
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD11	13	0.12
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD12	13	0.12
(29,811)	1:60:A:LEU:HG	1:63:A:ILE:HD13	13	0.12
(29,810)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	7	0.12
(29,810)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	7	0.12
(29,810)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	7	0.12
(29,810)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	7	0.12
(29,810)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	7	0.12
(29,810)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	7	0.12
(29,805)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	1	0.12
(29,805)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	1	0.12
(29,805)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	1	0.12
(29,805)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	1	0.12
(29,805)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	1	0.12
(29,805)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	1	0.12
(29,791)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	8	0.12
(29,791)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	8	0.12
(29,791)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	8	0.12
(29,791)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	8	0.12
(29,791)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	8	0.12
(29,791)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	8	0.12
(29,790)	1:101:A:ILE:H	1:101:A:ILE:HD11	4	0.12
(29,790)	1:101:A:ILE:H	1:101:A:ILE:HD12	4	0.12
(29,790)	1:101:A:ILE:H	1:101:A:ILE:HD13	4	0.12
(29,704)	1:98:A:ILE:H	1:100:A:ALA:H	1	0.12
(29,704)	1:98:A:ILE:H	1:100:A:ALA:H	2	0.12
(29,704)	1:98:A:ILE:H	1:100:A:ALA:H	15	0.12
(29,704)	1:98:A:ILE:H	1:100:A:ALA:H	17	0.12
(29,704)	1:98:A:ILE:H	1:100:A:ALA:H	18	0.12
(29,689)	1:141:A:LYS:H	1:144:A:LEU:H	6	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,676)	1:101:A:ILE:HD11	1:116:A:GLN:H	10	0.12
(29,676)	1:101:A:ILE:HD12	1:116:A:GLN:H	10	0.12
(29,676)	1:101:A:ILE:HD13	1:116:A:GLN:H	10	0.12
(29,596)	1:74:A:PRO:HD2	1:75:A:GLY:H	11	0.12
(29,588)	1:124:A:THR:HG1	1:126:A:GLY:H	17	0.12
(29,572)	1:63:A:ILE:HG21	1:116:A:GLN:H	13	0.12
(29,572)	1:63:A:ILE:HG22	1:116:A:GLN:H	13	0.12
(29,572)	1:63:A:ILE:HG23	1:116:A:GLN:H	13	0.12
(29,565)	1:116:A:GLN:H	1:116:A:GLN:HE22	8	0.12
(29,555)	1:73:A:ILE:HD11	1:110:A:MET:H	11	0.12
(29,555)	1:73:A:ILE:HD12	1:110:A:MET:H	11	0.12
(29,555)	1:73:A:ILE:HD13	1:110:A:MET:H	11	0.12
(29,526)	1:74:A:PRO:HA	1:77:A:CYS:H	16	0.12
(29,491)	1:105:A:LYS:H	1:107:A:LEU:H	9	0.12
(29,358)	1:101:A:ILE:HG21	1:104:A:PHE:H	19	0.12
(29,358)	1:101:A:ILE:HG22	1:104:A:PHE:H	19	0.12
(29,358)	1:101:A:ILE:HG23	1:104:A:PHE:H	19	0.12
(29,322)	1:46:A:ASN:H	1:49:A:LYS:HB2	14	0.12
(29,322)	1:46:A:ASN:H	1:49:A:LYS:HB3	14	0.12
(29,292)	1:120:A:CYS:H	1:121:A:VAL:H	16	0.12
(29,291)	1:121:A:VAL:H	1:123:A:CYS:H	15	0.12
(29,238)	1:50:A:ALA:H	1:52:A:CYS:H	15	0.12
(29,49)	1:44:A:GLU:HG3	1:47:A:ALA:H	19	0.12
(29,20)	1:94:A:ALA:H	1:95:A:ILE:HD11	12	0.12
(29,20)	1:94:A:ALA:H	1:95:A:ILE:HD12	12	0.12
(29,20)	1:94:A:ALA:H	1:95:A:ILE:HD13	12	0.12
(28,3)	1:59:A:CYS:CB	1:120:A:CYS:CB	4	0.12
(24,41)	1:120:A:CYS:H	1:116:A:GLN:O	1	0.12
(24,41)	1:120:A:CYS:H	1:116:A:GLN:O	5	0.12
(24,35)	1:117:A:VAL:H	1:113:A:PHE:O	4	0.12
(24,35)	1:117:A:VAL:H	1:113:A:PHE:O	7	0.12
(24,27)	1:113:A:PHE:H	1:109:A:PRO:O	1	0.12
(24,4)	1:66:A:THR:OG1	1:69:A:MET:H	19	0.12
(24,2)	1:124:A:THR:OG1	1:127:A:CYS:H	15	0.12
(23,14)	1:115:A:ALA:N	1:111:A:GLU:O	6	0.12
(23,14)	1:115:A:ALA:N	1:111:A:GLU:O	13	0.12
(23,9)	1:73:A:ILE:N	1:69:A:MET:O	10	0.12
(23,9)	1:73:A:ILE:N	1:69:A:MET:O	14	0.12
(23,8)	1:61:A:SER:N	1:57:A:LEU:O	8	0.12
(23,6)	1:59:A:CYS:N	1:55:A:GLY:O	19	0.12
(23,3)	1:44:A:GLU:N	1:40:A:LEU:O	15	0.12
(22,19)	1:101:A:ILE:H	1:98:A:ILE:C	1	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(22,19)	1:101:A:ILE:H	1:98:A:ILE:C	2	0.12
(22,19)	1:101:A:ILE:H	1:98:A:ILE:C	4	0.12
(22,19)	1:101:A:ILE:H	1:98:A:ILE:C	11	0.12
(22,19)	1:101:A:ILE:H	1:98:A:ILE:C	18	0.12
(22,4)	1:39:A:VAL:N	1:36:A:PRO:C	15	0.12
(18,2459)	1:143:A:TRP:H	1:144:A:LEU:HD11	10	0.12
(18,2459)	1:143:A:TRP:H	1:144:A:LEU:HD12	10	0.12
(18,2459)	1:143:A:TRP:H	1:144:A:LEU:HD13	10	0.12
(18,2459)	1:143:A:TRP:H	1:144:A:LEU:HD21	10	0.12
(18,2459)	1:143:A:TRP:H	1:144:A:LEU:HD22	10	0.12
(18,2459)	1:143:A:TRP:H	1:144:A:LEU:HD23	10	0.12
(18,2441)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.12
(18,2441)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.12
(18,2441)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.12
(18,2441)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.12
(18,2441)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.12
(18,2441)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.12
(18,2441)	1:139:A:LEU:HD11	1:144:A:LEU:H	6	0.12
(18,2441)	1:139:A:LEU:HD12	1:144:A:LEU:H	6	0.12
(18,2441)	1:139:A:LEU:HD13	1:144:A:LEU:H	6	0.12
(18,2441)	1:139:A:LEU:HD21	1:144:A:LEU:H	6	0.12
(18,2441)	1:139:A:LEU:HD22	1:144:A:LEU:H	6	0.12
(18,2441)	1:139:A:LEU:HD23	1:144:A:LEU:H	6	0.12
(18,2415)	1:134:A:VAL:HG11	1:137:A:SER:H	5	0.12
(18,2415)	1:134:A:VAL:HG12	1:137:A:SER:H	5	0.12
(18,2415)	1:134:A:VAL:HG13	1:137:A:SER:H	5	0.12
(18,2415)	1:134:A:VAL:HG21	1:137:A:SER:H	5	0.12
(18,2415)	1:134:A:VAL:HG22	1:137:A:SER:H	5	0.12
(18,2415)	1:134:A:VAL:HG23	1:137:A:SER:H	5	0.12
(18,2330)	1:109:A:PRO:HG2	1:112:A:GLN:HB2	4	0.12
(18,2330)	1:109:A:PRO:HG2	1:112:A:GLN:HB3	4	0.12
(18,2330)	1:109:A:PRO:HG3	1:112:A:GLN:HB2	4	0.12
(18,2330)	1:109:A:PRO:HG3	1:112:A:GLN:HB3	4	0.12
(18,2325)	1:107:A:LEU:HD11	1:115:A:ALA:H	6	0.12
(18,2325)	1:107:A:LEU:HD12	1:115:A:ALA:H	6	0.12
(18,2325)	1:107:A:LEU:HD13	1:115:A:ALA:H	6	0.12
(18,2325)	1:107:A:LEU:HD21	1:115:A:ALA:H	6	0.12
(18,2325)	1:107:A:LEU:HD22	1:115:A:ALA:H	6	0.12
(18,2325)	1:107:A:LEU:HD23	1:115:A:ALA:H	6	0.12
(18,2322)	1:107:A:LEU:HD11	1:112:A:GLN:HA	14	0.12
(18,2322)	1:107:A:LEU:HD12	1:112:A:GLN:HA	14	0.12
(18,2322)	1:107:A:LEU:HD13	1:112:A:GLN:HA	14	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2322)	1:107:A:LEU:HD21	1:112:A:GLN:HA	14	0.12
(18,2322)	1:107:A:LEU:HD22	1:112:A:GLN:HA	14	0.12
(18,2322)	1:107:A:LEU:HD23	1:112:A:GLN:HA	14	0.12
(18,2222)	1:60:A:LEU:HD11	1:120:A:CYS:HA	18	0.12
(18,2222)	1:60:A:LEU:HD12	1:120:A:CYS:HA	18	0.12
(18,2222)	1:60:A:LEU:HD13	1:120:A:CYS:HA	18	0.12
(18,2222)	1:60:A:LEU:HD21	1:120:A:CYS:HA	18	0.12
(18,2222)	1:60:A:LEU:HD22	1:120:A:CYS:HA	18	0.12
(18,2222)	1:60:A:LEU:HD23	1:120:A:CYS:HA	18	0.12
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD11	13	0.12
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD12	13	0.12
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD13	13	0.12
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD21	13	0.12
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD22	13	0.12
(18,2157)	1:44:A:GLU:HG2	1:57:A:LEU:HD23	13	0.12
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD11	13	0.12
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD12	13	0.12
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD13	13	0.12
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD21	13	0.12
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD22	13	0.12
(18,2157)	1:44:A:GLU:HG3	1:57:A:LEU:HD23	13	0.12
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD11	18	0.12
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD12	18	0.12
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD13	18	0.12
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD21	18	0.12
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD22	18	0.12
(18,2136)	1:42:A:GLU:HB2	1:139:A:LEU:HD23	18	0.12
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD11	18	0.12
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD12	18	0.12
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD13	18	0.12
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD21	18	0.12
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD22	18	0.12
(18,2136)	1:42:A:GLU:HB3	1:139:A:LEU:HD23	18	0.12
(18,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD11	4	0.12
(18,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD12	4	0.12
(18,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD13	4	0.12
(18,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD21	4	0.12
(18,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD22	4	0.12
(18,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD23	4	0.12
(18,2039)	1:23:A:LEU:HD11	1:25:A:ALA:H	10	0.12
(18,2039)	1:23:A:LEU:HD12	1:25:A:ALA:H	10	0.12
(18,2039)	1:23:A:LEU:HD13	1:25:A:ALA:H	10	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2039)	1:23:A:LEU:HD21	1:25:A:ALA:H	10	0.12
(18,2039)	1:23:A:LEU:HD22	1:25:A:ALA:H	10	0.12
(18,2039)	1:23:A:LEU:HD23	1:25:A:ALA:H	10	0.12
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	9	0.12
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	9	0.12
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	9	0.12
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	9	0.12
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	9	0.12
(18,2019)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	9	0.12
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	9	0.12
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	9	0.12
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	9	0.12
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	9	0.12
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	9	0.12
(18,2019)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	9	0.12
(18,1973)	1:12:A:VAL:HG11	1:40:A:LEU:HA	18	0.12
(18,1973)	1:12:A:VAL:HG12	1:40:A:LEU:HA	18	0.12
(18,1973)	1:12:A:VAL:HG13	1:40:A:LEU:HA	18	0.12
(18,1973)	1:12:A:VAL:HG21	1:40:A:LEU:HA	18	0.12
(18,1973)	1:12:A:VAL:HG22	1:40:A:LEU:HA	18	0.12
(18,1973)	1:12:A:VAL:HG23	1:40:A:LEU:HA	18	0.12
(18,1908)	1:140:A:LEU:HA	1:143:A:TRP:HD1	2	0.12
(18,1900)	1:80:A:TYR:HE1	1:81:A:GLU:H	8	0.12
(18,1900)	1:80:A:TYR:HE2	1:81:A:GLU:H	8	0.12
(18,1890)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	4	0.12
(18,1890)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	4	0.12
(18,1890)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	4	0.12
(18,1890)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	4	0.12
(18,1873)	1:104:A:PHE:HE1	1:113:A:PHE:HA	10	0.12
(18,1873)	1:104:A:PHE:HE2	1:113:A:PHE:HA	10	0.12
(18,1837)	1:80:A:TYR:HE1	1:81:A:GLU:HB2	16	0.12
(18,1837)	1:80:A:TYR:HE2	1:81:A:GLU:HB2	16	0.12
(18,1804)	1:113:A:PHE:HE1	1:114:A:ILE:HD11	11	0.12
(18,1804)	1:113:A:PHE:HE1	1:114:A:ILE:HD12	11	0.12
(18,1804)	1:113:A:PHE:HE1	1:114:A:ILE:HD13	11	0.12
(18,1804)	1:113:A:PHE:HE2	1:114:A:ILE:HD11	11	0.12
(18,1804)	1:113:A:PHE:HE2	1:114:A:ILE:HD12	11	0.12
(18,1804)	1:113:A:PHE:HE2	1:114:A:ILE:HD13	11	0.12
(18,1737)	1:36:A:PRO:HG2	1:37:A:LEU:HG	7	0.12
(18,1717)	1:101:A:ILE:HD11	1:102:A:PRO:HD2	6	0.12
(18,1717)	1:101:A:ILE:HD12	1:102:A:PRO:HD2	6	0.12
(18,1717)	1:101:A:ILE:HD13	1:102:A:PRO:HD2	6	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1703)	1:14:A:VAL:H	1:79:A:THR:HG21	7	0.12
(18,1703)	1:14:A:VAL:H	1:79:A:THR:HG22	7	0.12
(18,1703)	1:14:A:VAL:H	1:79:A:THR:HG23	7	0.12
(18,1675)	1:73:A:ILE:HG21	1:109:A:PRO:HA	13	0.12
(18,1675)	1:73:A:ILE:HG22	1:109:A:PRO:HA	13	0.12
(18,1675)	1:73:A:ILE:HG23	1:109:A:PRO:HA	13	0.12
(18,1642)	1:69:A:MET:HA	1:69:A:MET:HE1	6	0.12
(18,1642)	1:69:A:MET:HA	1:69:A:MET:HE2	6	0.12
(18,1642)	1:69:A:MET:HA	1:69:A:MET:HE3	6	0.12
(18,1615)	1:34:A:LYS:H	1:80:A:TYR:HA	15	0.12
(18,1608)	1:149:A:ALA:HB1	1:151:A:PHE:HA	16	0.12
(18,1608)	1:149:A:ALA:HB2	1:151:A:PHE:HA	16	0.12
(18,1608)	1:149:A:ALA:HB3	1:151:A:PHE:HA	16	0.12
(18,1591)	1:73:A:ILE:HG21	1:76:A:ARG:H	11	0.12
(18,1591)	1:73:A:ILE:HG22	1:76:A:ARG:H	11	0.12
(18,1591)	1:73:A:ILE:HG23	1:76:A:ARG:H	11	0.12
(18,1591)	1:73:A:ILE:HG21	1:76:A:ARG:H	14	0.12
(18,1591)	1:73:A:ILE:HG22	1:76:A:ARG:H	14	0.12
(18,1591)	1:73:A:ILE:HG23	1:76:A:ARG:H	14	0.12
(18,1575)	1:98:A:ILE:HG21	1:104:A:PHE:HE1	16	0.12
(18,1575)	1:98:A:ILE:HG21	1:104:A:PHE:HE2	16	0.12
(18,1575)	1:98:A:ILE:HG22	1:104:A:PHE:HE1	16	0.12
(18,1575)	1:98:A:ILE:HG22	1:104:A:PHE:HE2	16	0.12
(18,1575)	1:98:A:ILE:HG23	1:104:A:PHE:HE1	16	0.12
(18,1575)	1:98:A:ILE:HG23	1:104:A:PHE:HE2	16	0.12
(18,1541)	1:118:A:ASP:HB3	1:119:A:LEU:HD21	1	0.12
(18,1541)	1:118:A:ASP:HB3	1:119:A:LEU:HD22	1	0.12
(18,1541)	1:118:A:ASP:HB3	1:119:A:LEU:HD23	1	0.12
(18,1523)	1:69:A:MET:HE1	1:112:A:GLN:HG2	4	0.12
(18,1523)	1:69:A:MET:HE1	1:112:A:GLN:HG3	4	0.12
(18,1523)	1:69:A:MET:HE2	1:112:A:GLN:HG2	4	0.12
(18,1523)	1:69:A:MET:HE2	1:112:A:GLN:HG3	4	0.12
(18,1523)	1:69:A:MET:HE3	1:112:A:GLN:HG2	4	0.12
(18,1523)	1:69:A:MET:HE3	1:112:A:GLN:HG3	4	0.12
(18,1522)	1:66:A:THR:HG21	1:69:A:MET:HE1	15	0.12
(18,1522)	1:66:A:THR:HG21	1:69:A:MET:HE2	15	0.12
(18,1522)	1:66:A:THR:HG21	1:69:A:MET:HE3	15	0.12
(18,1522)	1:66:A:THR:HG22	1:69:A:MET:HE1	15	0.12
(18,1522)	1:66:A:THR:HG22	1:69:A:MET:HE2	15	0.12
(18,1522)	1:66:A:THR:HG22	1:69:A:MET:HE3	15	0.12
(18,1522)	1:66:A:THR:HG23	1:69:A:MET:HE1	15	0.12
(18,1522)	1:66:A:THR:HG23	1:69:A:MET:HE2	15	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1522)	1:66:A:THR:HG23	1:69:A:MET:HE3	15	0.12
(18,1512)	1:69:A:MET:HE1	1:113:A:PHE:HD1	6	0.12
(18,1512)	1:69:A:MET:HE1	1:113:A:PHE:HD2	6	0.12
(18,1512)	1:69:A:MET:HE2	1:113:A:PHE:HD1	6	0.12
(18,1512)	1:69:A:MET:HE2	1:113:A:PHE:HD2	6	0.12
(18,1512)	1:69:A:MET:HE3	1:113:A:PHE:HD1	6	0.12
(18,1512)	1:69:A:MET:HE3	1:113:A:PHE:HD2	6	0.12
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG21	13	0.12
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG22	13	0.12
(18,1411)	1:69:A:MET:HA	1:73:A:ILE:HG23	13	0.12
(18,1400)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	5	0.12
(18,1400)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	5	0.12
(18,1400)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	5	0.12
(18,1400)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	5	0.12
(18,1400)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	5	0.12
(18,1400)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	5	0.12
(18,1389)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	5	0.12
(18,1389)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	5	0.12
(18,1389)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	5	0.12
(18,1389)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	5	0.12
(18,1389)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	5	0.12
(18,1389)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	5	0.12
(18,1356)	1:119:A:LEU:HB2	1:121:A:VAL:HG11	17	0.12
(18,1356)	1:119:A:LEU:HB2	1:121:A:VAL:HG12	17	0.12
(18,1356)	1:119:A:LEU:HB2	1:121:A:VAL:HG13	17	0.12
(18,1098)	1:108:A:GLU:HB2	1:109:A:PRO:HD3	6	0.12
(18,1098)	1:108:A:GLU:HB2	1:109:A:PRO:HD3	8	0.12
(18,1089)	1:38:A:GLU:HA	1:41:A:LYS:H	10	0.12
(18,1081)	1:140:A:LEU:H	1:140:A:LEU:HG	12	0.12
(18,1074)	1:71:A:LYS:HG3	1:72:A:PHE:HA	11	0.12
(18,1032)	1:149:A:ALA:HB1	1:150:A:THR:HA	7	0.12
(18,1032)	1:149:A:ALA:HB2	1:150:A:THR:HA	7	0.12
(18,1032)	1:149:A:ALA:HB3	1:150:A:THR:HA	7	0.12
(18,998)	1:113:A:PHE:HE1	1:114:A:ILE:HA	9	0.12
(18,998)	1:113:A:PHE:HE2	1:114:A:ILE:HA	9	0.12
(18,937)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	14	0.12
(18,937)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	14	0.12
(18,937)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	14	0.12
(18,937)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	14	0.12
(18,911)	1:21:A:THR:HB	1:23:A:LEU:H	11	0.12
(18,893)	1:101:A:ILE:HG13	1:104:A:PHE:HB2	16	0.12
(18,880)	1:121:A:VAL:HA	1:122:A:ASP:HB2	1	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,880)	1:121:A:VAL:HA	1:122:A:ASP:HB2	4	0.12
(18,877)	1:56:A:CYS:H	1:122:A:ASP:HB3	9	0.12
(18,873)	1:60:A:LEU:HB3	1:61:A:SER:H	15	0.12
(18,811)	1:54:A:ARG:HE	1:58:A:ILE:HD11	2	0.12
(18,811)	1:54:A:ARG:HE	1:58:A:ILE:HD12	2	0.12
(18,811)	1:54:A:ARG:HE	1:58:A:ILE:HD13	2	0.12
(18,806)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	7	0.12
(18,806)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	7	0.12
(18,806)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	7	0.12
(18,806)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	7	0.12
(18,806)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	7	0.12
(18,806)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	7	0.12
(18,801)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	12	0.12
(18,801)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	12	0.12
(18,801)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	12	0.12
(18,801)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	12	0.12
(18,801)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	12	0.12
(18,801)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	12	0.12
(18,801)	1:63:A:ILE:HD11	1:113:A:PHE:HE1	15	0.12
(18,801)	1:63:A:ILE:HD11	1:113:A:PHE:HE2	15	0.12
(18,801)	1:63:A:ILE:HD12	1:113:A:PHE:HE1	15	0.12
(18,801)	1:63:A:ILE:HD12	1:113:A:PHE:HE2	15	0.12
(18,801)	1:63:A:ILE:HD13	1:113:A:PHE:HE1	15	0.12
(18,801)	1:63:A:ILE:HD13	1:113:A:PHE:HE2	15	0.12
(18,798)	1:60:A:LEU:H	1:63:A:ILE:HD11	17	0.12
(18,798)	1:60:A:LEU:H	1:63:A:ILE:HD12	17	0.12
(18,798)	1:60:A:LEU:H	1:63:A:ILE:HD13	17	0.12
(18,795)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	19	0.12
(18,795)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	19	0.12
(18,795)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	19	0.12
(18,795)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	19	0.12
(18,795)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	19	0.12
(18,795)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	19	0.12
(18,789)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	8	0.12
(18,789)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	8	0.12
(18,789)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	8	0.12
(18,789)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	8	0.12
(18,789)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	8	0.12
(18,789)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	8	0.12
(18,783)	1:101:A:ILE:HD11	1:104:A:PHE:H	15	0.12
(18,783)	1:101:A:ILE:HD12	1:104:A:PHE:H	15	0.12
(18,783)	1:101:A:ILE:HD13	1:104:A:PHE:H	15	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,766)	1:103:A:ARG:HB2	1:103:A:ARG:HE	16	0.12
(18,766)	1:103:A:ARG:HB3	1:103:A:ARG:HE	16	0.12
(18,683)	1:101:A:ILE:HD11	1:116:A:GLN:H	10	0.12
(18,683)	1:101:A:ILE:HD12	1:116:A:GLN:H	10	0.12
(18,683)	1:101:A:ILE:HD13	1:116:A:GLN:H	10	0.12
(18,666)	1:66:A:THR:H	1:116:A:GLN:HE22	10	0.12
(18,631)	1:29:A:LYS:H	1:30:A:LEU:H	15	0.12
(18,538)	1:74:A:PRO:HA	1:77:A:CYS:H	16	0.12
(18,529)	1:67:A:PRO:HB2	1:71:A:LYS:H	4	0.12
(18,529)	1:67:A:PRO:HB3	1:71:A:LYS:H	4	0.12
(18,508)	1:8:A:ASP:HB2	1:9:A:PHE:H	4	0.12
(18,372)	1:70:A:LYS:H	1:70:A:LYS:HE2	8	0.12
(18,372)	1:70:A:LYS:H	1:70:A:LYS:HE3	8	0.12
(18,362)	1:104:A:PHE:H	1:106:A:ASP:H	16	0.12
(18,299)	1:120:A:CYS:H	1:121:A:VAL:H	16	0.12
(18,274)	1:108:A:GLU:H	1:112:A:GLN:H	1	0.12
(18,272)	1:39:A:VAL:H	1:139:A:LEU:HD11	1	0.12
(18,272)	1:39:A:VAL:H	1:139:A:LEU:HD12	1	0.12
(18,272)	1:39:A:VAL:H	1:139:A:LEU:HD13	1	0.12
(18,228)	1:9:A:PHE:HE1	1:10:A:ASN:H	11	0.12
(18,228)	1:9:A:PHE:HE2	1:10:A:ASN:H	11	0.12
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD11	3	0.12
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD12	3	0.12
(18,215)	1:101:A:ILE:H	1:101:A:ILE:HD13	3	0.12
(18,211)	1:101:A:ILE:H	1:104:A:PHE:HB2	10	0.12
(18,211)	1:101:A:ILE:H	1:104:A:PHE:HB2	14	0.12
(18,169)	1:131:A:LEU:H	1:131:A:LEU:HD21	10	0.12
(18,169)	1:131:A:LEU:H	1:131:A:LEU:HD22	10	0.12
(18,169)	1:131:A:LEU:H	1:131:A:LEU:HD23	10	0.12
(18,158)	1:127:A:CYS:H	1:128:A:LEU:HB2	7	0.12
(18,75)	1:63:A:ILE:HG21	1:117:A:VAL:H	12	0.12
(18,75)	1:63:A:ILE:HG22	1:117:A:VAL:H	12	0.12
(18,75)	1:63:A:ILE:HG23	1:117:A:VAL:H	12	0.12
(18,51)	1:44:A:GLU:HB2	1:47:A:ALA:H	2	0.12
(18,51)	1:44:A:GLU:HB3	1:47:A:ALA:H	2	0.12
(18,36)	1:95:A:ILE:HB	1:96:A:VAL:H	3	0.12
(18,36)	1:95:A:ILE:HB	1:96:A:VAL:H	8	0.12
(17,2452)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.12
(17,2452)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.12
(17,2452)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.12
(17,2452)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.12
(17,2452)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2452)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.12
(17,2452)	1:139:A:LEU:HD11	1:144:A:LEU:H	6	0.12
(17,2452)	1:139:A:LEU:HD12	1:144:A:LEU:H	6	0.12
(17,2452)	1:139:A:LEU:HD13	1:144:A:LEU:H	6	0.12
(17,2452)	1:139:A:LEU:HD21	1:144:A:LEU:H	6	0.12
(17,2452)	1:139:A:LEU:HD22	1:144:A:LEU:H	6	0.12
(17,2452)	1:139:A:LEU:HD23	1:144:A:LEU:H	6	0.12
(17,2327)	1:105:A:LYS:HG2	1:106:A:ASP:H	12	0.12
(17,2327)	1:105:A:LYS:HG3	1:106:A:ASP:H	12	0.12
(17,2290)	1:96:A:VAL:HG11	1:97:A:ASP:H	16	0.12
(17,2290)	1:96:A:VAL:HG12	1:97:A:ASP:H	16	0.12
(17,2290)	1:96:A:VAL:HG13	1:97:A:ASP:H	16	0.12
(17,2290)	1:96:A:VAL:HG21	1:97:A:ASP:H	16	0.12
(17,2290)	1:96:A:VAL:HG22	1:97:A:ASP:H	16	0.12
(17,2290)	1:96:A:VAL:HG23	1:97:A:ASP:H	16	0.12
(17,2267)	1:72:A:PHE:HD1	1:109:A:PRO:HG2	7	0.12
(17,2267)	1:72:A:PHE:HD1	1:109:A:PRO:HG3	7	0.12
(17,2267)	1:72:A:PHE:HD2	1:109:A:PRO:HG2	7	0.12
(17,2267)	1:72:A:PHE:HD2	1:109:A:PRO:HG3	7	0.12
(17,2152)	1:41:A:LYS:HG3	1:42:A:GLU:HB2	19	0.12
(17,2152)	1:41:A:LYS:HG3	1:42:A:GLU:HB3	19	0.12
(17,2134)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	17	0.12
(17,2134)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	17	0.12
(17,2134)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	17	0.12
(17,2134)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	17	0.12
(17,2134)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	17	0.12
(17,2134)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	17	0.12
(17,2127)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	12	0.12
(17,2127)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	12	0.12
(17,2127)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	12	0.12
(17,2127)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	12	0.12
(17,2127)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	12	0.12
(17,2127)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	12	0.12
(17,2127)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	12	0.12
(17,2127)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	12	0.12
(17,2127)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	12	0.12
(17,2127)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	12	0.12
(17,2127)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	12	0.12
(17,2127)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	12	0.12
(17,2125)	1:39:A:VAL:HG11	1:43:A:MET:H	1	0.12
(17,2125)	1:39:A:VAL:HG12	1:43:A:MET:H	1	0.12
(17,2125)	1:39:A:VAL:HG13	1:43:A:MET:H	1	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2125)	1:39:A:VAL:HG21	1:43:A:MET:H	1	0.12
(17,2125)	1:39:A:VAL:HG22	1:43:A:MET:H	1	0.12
(17,2125)	1:39:A:VAL:HG23	1:43:A:MET:H	1	0.12
(17,2125)	1:39:A:VAL:HG11	1:43:A:MET:H	14	0.12
(17,2125)	1:39:A:VAL:HG12	1:43:A:MET:H	14	0.12
(17,2125)	1:39:A:VAL:HG13	1:43:A:MET:H	14	0.12
(17,2125)	1:39:A:VAL:HG21	1:43:A:MET:H	14	0.12
(17,2125)	1:39:A:VAL:HG22	1:43:A:MET:H	14	0.12
(17,2125)	1:39:A:VAL:HG23	1:43:A:MET:H	14	0.12
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD11	10	0.12
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD12	10	0.12
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD13	10	0.12
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD21	10	0.12
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD22	10	0.12
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD23	10	0.12
(17,2103)	1:37:A:LEU:HA	1:39:A:VAL:HG11	16	0.12
(17,2103)	1:37:A:LEU:HA	1:39:A:VAL:HG12	16	0.12
(17,2103)	1:37:A:LEU:HA	1:39:A:VAL:HG13	16	0.12
(17,2103)	1:37:A:LEU:HA	1:39:A:VAL:HG21	16	0.12
(17,2103)	1:37:A:LEU:HA	1:39:A:VAL:HG22	16	0.12
(17,2103)	1:37:A:LEU:HA	1:39:A:VAL:HG23	16	0.12
(17,1991)	1:13:A:ALA:H	1:40:A:LEU:HD11	10	0.12
(17,1991)	1:13:A:ALA:H	1:40:A:LEU:HD12	10	0.12
(17,1991)	1:13:A:ALA:H	1:40:A:LEU:HD13	10	0.12
(17,1991)	1:13:A:ALA:H	1:40:A:LEU:HD21	10	0.12
(17,1991)	1:13:A:ALA:H	1:40:A:LEU:HD22	10	0.12
(17,1991)	1:13:A:ALA:H	1:40:A:LEU:HD23	10	0.12
(17,1958)	1:10:A:ASN:H	1:14:A:VAL:HG11	13	0.12
(17,1958)	1:10:A:ASN:H	1:14:A:VAL:HG12	13	0.12
(17,1958)	1:10:A:ASN:H	1:14:A:VAL:HG13	13	0.12
(17,1958)	1:10:A:ASN:H	1:14:A:VAL:HG21	13	0.12
(17,1958)	1:10:A:ASN:H	1:14:A:VAL:HG22	13	0.12
(17,1958)	1:10:A:ASN:H	1:14:A:VAL:HG23	13	0.12
(17,1944)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	3	0.12
(17,1944)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	3	0.12
(17,1944)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	3	0.12
(17,1944)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	3	0.12
(17,1944)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	3	0.12
(17,1944)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	3	0.12
(17,1925)	1:80:A:TYR:HE1	1:81:A:GLU:H	8	0.12
(17,1925)	1:80:A:TYR:HE2	1:81:A:GLU:H	8	0.12
(17,1902)	1:104:A:PHE:HE1	1:113:A:PHE:HA	10	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1902)	1:104:A:PHE:HE2	1:113:A:PHE:HA	10	0.12
(17,1897)	1:68:A:LYS:HA	1:72:A:PHE:HE1	12	0.12
(17,1897)	1:68:A:LYS:HA	1:72:A:PHE:HE2	12	0.12
(17,1893)	1:71:A:LYS:HA	1:72:A:PHE:HD1	5	0.12
(17,1893)	1:71:A:LYS:HA	1:72:A:PHE:HD2	5	0.12
(17,1882)	1:9:A:PHE:HE1	1:14:A:VAL:HB	16	0.12
(17,1882)	1:9:A:PHE:HE2	1:14:A:VAL:HB	16	0.12
(17,1855)	1:61:A:SER:H	1:62:A:HIS:HD2	14	0.12
(17,1843)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	15	0.12
(17,1843)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	15	0.12
(17,1841)	1:9:A:PHE:HZ	1:57:A:LEU:HA	13	0.12
(17,1798)	1:80:A:TYR:HD1	1:81:A:GLU:HA	4	0.12
(17,1798)	1:80:A:TYR:HD2	1:81:A:GLU:HA	4	0.12
(17,1770)	1:36:A:PRO:HG2	1:37:A:LEU:HG	7	0.12
(17,1707)	1:73:A:ILE:HG21	1:109:A:PRO:HA	13	0.12
(17,1707)	1:73:A:ILE:HG22	1:109:A:PRO:HA	13	0.12
(17,1707)	1:73:A:ILE:HG23	1:109:A:PRO:HA	13	0.12
(17,1703)	1:69:A:MET:HG3	1:109:A:PRO:HA	5	0.12
(17,1686)	1:107:A:LEU:H	1:111:A:GLU:HB2	11	0.12
(17,1686)	1:107:A:LEU:H	1:111:A:GLU:HB3	11	0.12
(17,1673)	1:69:A:MET:HA	1:69:A:MET:HE1	6	0.12
(17,1673)	1:69:A:MET:HA	1:69:A:MET:HE2	6	0.12
(17,1673)	1:69:A:MET:HA	1:69:A:MET:HE3	6	0.12
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	4	0.12
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	4	0.12
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	4	0.12
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	4	0.12
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	4	0.12
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	4	0.12
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	4	0.12
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	4	0.12
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	4	0.12
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	9	0.12
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	9	0.12
(17,1666)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	9	0.12
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	9	0.12
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	9	0.12
(17,1666)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	9	0.12
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	9	0.12
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	9	0.12
(17,1666)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	9	0.12
(17,1637)	1:149:A:ALA:HB1	1:151:A:PHE:HA	16	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1637)	1:149:A:ALA:HB2	1:151:A:PHE:HA	16	0.12
(17,1637)	1:149:A:ALA:HB3	1:151:A:PHE:HA	16	0.12
(17,1621)	1:72:A:PHE:H	1:73:A:ILE:HG21	5	0.12
(17,1621)	1:72:A:PHE:H	1:73:A:ILE:HG22	5	0.12
(17,1621)	1:72:A:PHE:H	1:73:A:ILE:HG23	5	0.12
(17,1604)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	15	0.12
(17,1604)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	15	0.12
(17,1604)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	15	0.12
(17,1604)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	15	0.12
(17,1604)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	15	0.12
(17,1604)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	15	0.12
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD21	7	0.12
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD22	7	0.12
(17,1570)	1:38:A:GLU:HA	1:139:A:LEU:HD23	7	0.12
(17,1542)	1:69:A:MET:HE1	1:113:A:PHE:HD1	6	0.12
(17,1542)	1:69:A:MET:HE1	1:113:A:PHE:HD2	6	0.12
(17,1542)	1:69:A:MET:HE2	1:113:A:PHE:HD1	6	0.12
(17,1542)	1:69:A:MET:HE2	1:113:A:PHE:HD2	6	0.12
(17,1542)	1:69:A:MET:HE3	1:113:A:PHE:HD1	6	0.12
(17,1542)	1:69:A:MET:HE3	1:113:A:PHE:HD2	6	0.12
(17,1521)	1:47:A:ALA:HB1	1:48:A:ARG:HB2	19	0.12
(17,1521)	1:47:A:ALA:HB1	1:48:A:ARG:HB3	19	0.12
(17,1521)	1:47:A:ALA:HB2	1:48:A:ARG:HB2	19	0.12
(17,1521)	1:47:A:ALA:HB2	1:48:A:ARG:HB3	19	0.12
(17,1521)	1:47:A:ALA:HB3	1:48:A:ARG:HB2	19	0.12
(17,1521)	1:47:A:ALA:HB3	1:48:A:ARG:HB3	19	0.12
(17,1520)	1:114:A:ILE:HG21	1:117:A:VAL:HB	17	0.12
(17,1520)	1:114:A:ILE:HG22	1:117:A:VAL:HB	17	0.12
(17,1520)	1:114:A:ILE:HG23	1:117:A:VAL:HB	17	0.12
(17,1502)	1:101:A:ILE:HG21	1:116:A:GLN:H	4	0.12
(17,1502)	1:101:A:ILE:HG22	1:116:A:GLN:H	4	0.12
(17,1502)	1:101:A:ILE:HG23	1:116:A:GLN:H	4	0.12
(17,1502)	1:101:A:ILE:HG21	1:116:A:GLN:H	9	0.12
(17,1502)	1:101:A:ILE:HG22	1:116:A:GLN:H	9	0.12
(17,1502)	1:101:A:ILE:HG23	1:116:A:GLN:H	9	0.12
(17,1502)	1:101:A:ILE:HG21	1:116:A:GLN:H	13	0.12
(17,1502)	1:101:A:ILE:HG22	1:116:A:GLN:H	13	0.12
(17,1502)	1:101:A:ILE:HG23	1:116:A:GLN:H	13	0.12
(17,1498)	1:101:A:ILE:HG21	1:115:A:ALA:H	1	0.12
(17,1498)	1:101:A:ILE:HG22	1:115:A:ALA:H	1	0.12
(17,1498)	1:101:A:ILE:HG23	1:115:A:ALA:H	1	0.12
(17,1493)	1:45:A:ALA:HB1	1:49:A:LYS:HE2	4	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1493)	1:45:A:ALA:HB1	1:49:A:LYS:HE3	4	0.12
(17,1493)	1:45:A:ALA:HB2	1:49:A:LYS:HE2	4	0.12
(17,1493)	1:45:A:ALA:HB2	1:49:A:LYS:HE3	4	0.12
(17,1493)	1:45:A:ALA:HB3	1:49:A:LYS:HE2	4	0.12
(17,1493)	1:45:A:ALA:HB3	1:49:A:LYS:HE3	4	0.12
(17,1483)	1:95:A:ILE:HG21	1:96:A:VAL:H	6	0.12
(17,1483)	1:95:A:ILE:HG22	1:96:A:VAL:H	6	0.12
(17,1483)	1:95:A:ILE:HG23	1:96:A:VAL:H	6	0.12
(17,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	14	0.12
(17,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	14	0.12
(17,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	14	0.12
(17,1425)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	13	0.12
(17,1425)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	13	0.12
(17,1425)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	13	0.12
(17,1382)	1:46:A:ASN:HB3	1:134:A:VAL:HG21	17	0.12
(17,1382)	1:46:A:ASN:HB3	1:134:A:VAL:HG22	17	0.12
(17,1382)	1:46:A:ASN:HB3	1:134:A:VAL:HG23	17	0.12
(17,1210)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	7	0.12
(17,1210)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	7	0.12
(17,1210)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	7	0.12
(17,1210)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	7	0.12
(17,1210)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	7	0.12
(17,1210)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	7	0.12
(17,1210)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	7	0.12
(17,1210)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	7	0.12
(17,1210)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	7	0.12
(17,1178)	1:101:A:ILE:H	1:119:A:LEU:HD21	5	0.12
(17,1178)	1:101:A:ILE:H	1:119:A:LEU:HD22	5	0.12
(17,1178)	1:101:A:ILE:H	1:119:A:LEU:HD23	5	0.12
(17,1154)	1:80:A:TYR:HA	1:80:A:TYR:HE1	5	0.12
(17,1154)	1:80:A:TYR:HA	1:80:A:TYR:HE2	5	0.12
(17,1154)	1:80:A:TYR:HA	1:80:A:TYR:HE1	7	0.12
(17,1154)	1:80:A:TYR:HA	1:80:A:TYR:HE2	7	0.12
(17,1154)	1:80:A:TYR:HA	1:80:A:TYR:HE1	10	0.12
(17,1154)	1:80:A:TYR:HA	1:80:A:TYR:HE2	10	0.12
(17,1154)	1:80:A:TYR:HA	1:80:A:TYR:HE1	11	0.12
(17,1154)	1:80:A:TYR:HA	1:80:A:TYR:HE2	11	0.12
(17,1090)	1:38:A:GLU:HA	1:139:A:LEU:HD11	16	0.12
(17,1090)	1:38:A:GLU:HA	1:139:A:LEU:HD12	16	0.12
(17,1090)	1:38:A:GLU:HA	1:139:A:LEU:HD13	16	0.12
(17,1033)	1:11:A:ILE:HG12	1:44:A:GLU:HB2	9	0.12
(17,1033)	1:11:A:ILE:HG12	1:44:A:GLU:HB3	9	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1032)	1:8:A:ASP:H	1:58:A:ILE:HG13	17	0.12
(17,1022)	1:149:A:ALA:HB1	1:150:A:THR:HA	7	0.12
(17,1022)	1:149:A:ALA:HB2	1:150:A:THR:HA	7	0.12
(17,1022)	1:149:A:ALA:HB3	1:150:A:THR:HA	7	0.12
(17,993)	1:113:A:PHE:HE1	1:114:A:ILE:HA	9	0.12
(17,993)	1:113:A:PHE:HE2	1:114:A:ILE:HA	9	0.12
(17,935)	1:81:A:GLU:HA	1:81:A:GLU:HG2	1	0.12
(17,935)	1:81:A:GLU:HA	1:81:A:GLU:HG3	1	0.12
(17,935)	1:81:A:GLU:HA	1:81:A:GLU:HG2	5	0.12
(17,935)	1:81:A:GLU:HA	1:81:A:GLU:HG3	5	0.12
(17,935)	1:81:A:GLU:HA	1:81:A:GLU:HG2	7	0.12
(17,935)	1:81:A:GLU:HA	1:81:A:GLU:HG3	7	0.12
(17,935)	1:81:A:GLU:HA	1:81:A:GLU:HG2	10	0.12
(17,935)	1:81:A:GLU:HA	1:81:A:GLU:HG3	10	0.12
(17,935)	1:81:A:GLU:HA	1:81:A:GLU:HG2	11	0.12
(17,935)	1:81:A:GLU:HA	1:81:A:GLU:HG3	11	0.12
(17,923)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	8	0.12
(17,923)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	8	0.12
(17,923)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	8	0.12
(17,916)	1:19:A:ALA:HB1	1:20:A:THR:HB	12	0.12
(17,916)	1:19:A:ALA:HB2	1:20:A:THR:HB	12	0.12
(17,916)	1:19:A:ALA:HB3	1:20:A:THR:HB	12	0.12
(17,883)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	14	0.12
(17,883)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	14	0.12
(17,883)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	14	0.12
(17,870)	1:60:A:LEU:HB3	1:61:A:SER:H	15	0.12
(17,824)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	17	0.12
(17,824)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	17	0.12
(17,824)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	17	0.12
(17,812)	1:58:A:ILE:HA	1:58:A:ILE:HD11	5	0.12
(17,812)	1:58:A:ILE:HA	1:58:A:ILE:HD12	5	0.12
(17,812)	1:58:A:ILE:HA	1:58:A:ILE:HD13	5	0.12
(17,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	7	0.12
(17,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	7	0.12
(17,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	7	0.12
(17,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	7	0.12
(17,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	7	0.12
(17,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	7	0.12
(17,778)	1:73:A:ILE:HD11	1:113:A:PHE:HA	8	0.12
(17,778)	1:73:A:ILE:HD12	1:113:A:PHE:HA	8	0.12
(17,778)	1:73:A:ILE:HD13	1:113:A:PHE:HA	8	0.12
(17,754)	1:103:A:ARG:HB2	1:103:A:ARG:HE	16	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,754)	1:103:A:ARG:HB3	1:103:A:ARG:HE	16	0.12
(17,736)	1:43:A:MET:H	1:46:A:ASN:HD21	1	0.12
(17,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	13	0.12
(17,682)	1:141:A:LYS:H	1:144:A:LEU:H	6	0.12
(17,670)	1:101:A:ILE:HD11	1:116:A:GLN:H	10	0.12
(17,670)	1:101:A:ILE:HD12	1:116:A:GLN:H	10	0.12
(17,670)	1:101:A:ILE:HD13	1:116:A:GLN:H	10	0.12
(17,655)	1:66:A:THR:H	1:116:A:GLN:HE22	10	0.12
(17,620)	1:96:A:VAL:H	1:97:A:ASP:H	6	0.12
(17,587)	1:74:A:PRO:HD2	1:75:A:GLY:H	11	0.12
(17,579)	1:124:A:THR:HG1	1:126:A:GLY:H	17	0.12
(17,555)	1:116:A:GLN:H	1:116:A:GLN:HE22	8	0.12
(17,547)	1:73:A:ILE:HD11	1:110:A:MET:H	11	0.12
(17,547)	1:73:A:ILE:HD12	1:110:A:MET:H	11	0.12
(17,547)	1:73:A:ILE:HD13	1:110:A:MET:H	11	0.12
(17,518)	1:74:A:PRO:HA	1:77:A:CYS:H	16	0.12
(17,469)	1:103:A:ARG:H	1:103:A:ARG:HG2	5	0.12
(17,469)	1:103:A:ARG:H	1:103:A:ARG:HG3	5	0.12
(17,469)	1:103:A:ARG:H	1:103:A:ARG:HG2	15	0.12
(17,469)	1:103:A:ARG:H	1:103:A:ARG:HG3	15	0.12
(17,466)	1:14:A:VAL:H	1:61:A:SER:HA	9	0.12
(17,356)	1:101:A:ILE:HG21	1:104:A:PHE:H	19	0.12
(17,356)	1:101:A:ILE:HG22	1:104:A:PHE:H	19	0.12
(17,356)	1:101:A:ILE:HG23	1:104:A:PHE:H	19	0.12
(17,321)	1:46:A:ASN:H	1:49:A:LYS:HB2	14	0.12
(17,321)	1:46:A:ASN:H	1:49:A:LYS:HB3	14	0.12
(17,289)	1:121:A:VAL:H	1:123:A:CYS:H	15	0.12
(17,241)	1:23:A:LEU:HB2	1:24:A:ASP:H	3	0.12
(17,241)	1:23:A:LEU:HB3	1:24:A:ASP:H	3	0.12
(17,241)	1:23:A:LEU:HB2	1:24:A:ASP:H	17	0.12
(17,241)	1:23:A:LEU:HB3	1:24:A:ASP:H	17	0.12
(17,233)	1:50:A:ALA:H	1:52:A:CYS:H	15	0.12
(17,230)	1:11:A:ILE:HB	1:44:A:GLU:H	13	0.12
(17,219)	1:9:A:PHE:HE1	1:10:A:ASN:H	11	0.12
(17,219)	1:9:A:PHE:HE2	1:10:A:ASN:H	11	0.12
(17,45)	1:44:A:GLU:HG3	1:47:A:ALA:H	19	0.12
(16,2495)	1:151:A:PHE:H	1:151:A:PHE:HB2	11	0.12
(16,2495)	1:151:A:PHE:H	1:151:A:PHE:HB3	11	0.12
(16,2495)	1:151:A:PHE:H	1:151:A:PHE:HB2	14	0.12
(16,2495)	1:151:A:PHE:H	1:151:A:PHE:HB3	14	0.12
(16,2472)	1:142:A:LYS:HG2	1:143:A:TRP:HE1	5	0.12
(16,2472)	1:142:A:LYS:HG3	1:143:A:TRP:HE1	5	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2341)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	3	0.12
(16,2341)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	3	0.12
(16,2341)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.12
(16,2341)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.12
(16,2331)	1:107:A:LEU:HD11	1:112:A:GLN:HE21	2	0.12
(16,2331)	1:107:A:LEU:HD12	1:112:A:GLN:HE21	2	0.12
(16,2331)	1:107:A:LEU:HD13	1:112:A:GLN:HE21	2	0.12
(16,2331)	1:107:A:LEU:HD21	1:112:A:GLN:HE21	2	0.12
(16,2331)	1:107:A:LEU:HD22	1:112:A:GLN:HE21	2	0.12
(16,2331)	1:107:A:LEU:HD23	1:112:A:GLN:HE21	2	0.12
(16,2329)	1:107:A:LEU:HD11	1:112:A:GLN:HA	2	0.12
(16,2329)	1:107:A:LEU:HD12	1:112:A:GLN:HA	2	0.12
(16,2329)	1:107:A:LEU:HD13	1:112:A:GLN:HA	2	0.12
(16,2329)	1:107:A:LEU:HD21	1:112:A:GLN:HA	2	0.12
(16,2329)	1:107:A:LEU:HD22	1:112:A:GLN:HA	2	0.12
(16,2329)	1:107:A:LEU:HD23	1:112:A:GLN:HA	2	0.12
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD11	18	0.12
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD12	18	0.12
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD13	18	0.12
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD21	18	0.12
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD22	18	0.12
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD23	18	0.12
(16,2282)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	3	0.12
(16,2282)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	3	0.12
(16,2282)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	3	0.12
(16,2282)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	3	0.12
(16,2282)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	3	0.12
(16,2282)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	3	0.12
(16,2282)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	3	0.12
(16,2282)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	3	0.12
(16,2282)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	3	0.12
(16,2282)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	3	0.12
(16,2282)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	3	0.12
(16,2282)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	3	0.12
(16,2282)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	3	0.12
(16,2282)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	3	0.12
(16,2282)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	3	0.12
(16,2282)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	3	0.12
(16,2282)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	3	0.12
(16,2282)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	3	0.12
(16,2213)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	8	0.12
(16,2213)	1:63:A:ILE:HG12	1:116:A:GLN:HG3	8	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2202)	1:60:A:LEU:HD11	1:120:A:CYS:HA	18	0.12
(16,2202)	1:60:A:LEU:HD12	1:120:A:CYS:HA	18	0.12
(16,2202)	1:60:A:LEU:HD13	1:120:A:CYS:HA	18	0.12
(16,2202)	1:60:A:LEU:HD21	1:120:A:CYS:HA	18	0.12
(16,2202)	1:60:A:LEU:HD22	1:120:A:CYS:HA	18	0.12
(16,2202)	1:60:A:LEU:HD23	1:120:A:CYS:HA	18	0.12
(16,2137)	1:40:A:LEU:HA	1:40:A:LEU:HD11	4	0.12
(16,2137)	1:40:A:LEU:HA	1:40:A:LEU:HD12	4	0.12
(16,2137)	1:40:A:LEU:HA	1:40:A:LEU:HD13	4	0.12
(16,2137)	1:40:A:LEU:HA	1:40:A:LEU:HD21	4	0.12
(16,2137)	1:40:A:LEU:HA	1:40:A:LEU:HD22	4	0.12
(16,2137)	1:40:A:LEU:HA	1:40:A:LEU:HD23	4	0.12
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD11	6	0.12
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD12	6	0.12
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD13	6	0.12
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD21	6	0.12
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD22	6	0.12
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD23	6	0.12
(16,2125)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	8	0.12
(16,2125)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	8	0.12
(16,2125)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	8	0.12
(16,2125)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	8	0.12
(16,2125)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	8	0.12
(16,2125)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	8	0.12
(16,2125)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	8	0.12
(16,2125)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	8	0.12
(16,2125)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	8	0.12
(16,2125)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	8	0.12
(16,2125)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	8	0.12
(16,2125)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	8	0.12
(16,2122)	1:39:A:VAL:HG11	1:43:A:MET:H	1	0.12
(16,2122)	1:39:A:VAL:HG12	1:43:A:MET:H	1	0.12
(16,2122)	1:39:A:VAL:HG13	1:43:A:MET:H	1	0.12
(16,2122)	1:39:A:VAL:HG21	1:43:A:MET:H	1	0.12
(16,2122)	1:39:A:VAL:HG22	1:43:A:MET:H	1	0.12
(16,2122)	1:39:A:VAL:HG23	1:43:A:MET:H	1	0.12
(16,2122)	1:39:A:VAL:HG11	1:43:A:MET:H	14	0.12
(16,2122)	1:39:A:VAL:HG12	1:43:A:MET:H	14	0.12
(16,2122)	1:39:A:VAL:HG13	1:43:A:MET:H	14	0.12
(16,2122)	1:39:A:VAL:HG21	1:43:A:MET:H	14	0.12
(16,2122)	1:39:A:VAL:HG22	1:43:A:MET:H	14	0.12
(16,2122)	1:39:A:VAL:HG23	1:43:A:MET:H	14	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2095)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	4	0.12
(16,2095)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	4	0.12
(16,2095)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	4	0.12
(16,2095)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	4	0.12
(16,2095)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	4	0.12
(16,2095)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	4	0.12
(16,2092)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	8	0.12
(16,2092)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	8	0.12
(16,2092)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	8	0.12
(16,2092)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	8	0.12
(16,2092)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	8	0.12
(16,2092)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	8	0.12
(16,2081)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	2	0.12
(16,2081)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	2	0.12
(16,2081)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	2	0.12
(16,2081)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	2	0.12
(16,2081)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	2	0.12
(16,2081)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	2	0.12
(16,2068)	1:32:A:GLY:HA2	1:33:A:LYS:H	14	0.12
(16,2068)	1:32:A:GLY:HA3	1:33:A:LYS:H	14	0.12
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	11	0.12
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	11	0.12
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	11	0.12
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	11	0.12
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	11	0.12
(16,2024)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	11	0.12
(16,2012)	1:18:A:PHE:HB2	1:132:A:ALA:H	5	0.12
(16,2012)	1:18:A:PHE:HB3	1:132:A:ALA:H	5	0.12
(16,1964)	1:12:A:VAL:HG11	1:40:A:LEU:HA	18	0.12
(16,1964)	1:12:A:VAL:HG12	1:40:A:LEU:HA	18	0.12
(16,1964)	1:12:A:VAL:HG13	1:40:A:LEU:HA	18	0.12
(16,1964)	1:12:A:VAL:HG21	1:40:A:LEU:HA	18	0.12
(16,1964)	1:12:A:VAL:HG22	1:40:A:LEU:HA	18	0.12
(16,1964)	1:12:A:VAL:HG23	1:40:A:LEU:HA	18	0.12
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD11	5	0.12
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD12	5	0.12
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD13	5	0.12
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD21	5	0.12
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD22	5	0.12
(16,1958)	1:12:A:VAL:HB	1:144:A:LEU:HD23	5	0.12
(16,1925)	1:10:A:ASN:H	1:14:A:VAL:HG11	13	0.12
(16,1925)	1:10:A:ASN:H	1:14:A:VAL:HG12	13	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1925)	1:10:A:ASN:H	1:14:A:VAL:HG13	13	0.12
(16,1925)	1:10:A:ASN:H	1:14:A:VAL:HG21	13	0.12
(16,1925)	1:10:A:ASN:H	1:14:A:VAL:HG22	13	0.12
(16,1925)	1:10:A:ASN:H	1:14:A:VAL:HG23	13	0.12
(16,1920)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	2	0.12
(16,1920)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	2	0.12
(16,1903)	1:140:A:LEU:HA	1:143:A:TRP:HD1	2	0.12
(16,1868)	1:68:A:LYS:HA	1:72:A:PHE:HE1	12	0.12
(16,1868)	1:68:A:LYS:HA	1:72:A:PHE:HE2	12	0.12
(16,1862)	1:71:A:LYS:HA	1:72:A:PHE:HD1	5	0.12
(16,1862)	1:71:A:LYS:HA	1:72:A:PHE:HD2	5	0.12
(16,1798)	1:101:A:ILE:HB	1:104:A:PHE:HD1	18	0.12
(16,1798)	1:101:A:ILE:HB	1:104:A:PHE:HD2	18	0.12
(16,1738)	1:39:A:VAL:HA	1:140:A:LEU:HD11	7	0.12
(16,1738)	1:39:A:VAL:HA	1:140:A:LEU:HD12	7	0.12
(16,1738)	1:39:A:VAL:HA	1:140:A:LEU:HD13	7	0.12
(16,1689)	1:14:A:VAL:H	1:43:A:MET:HE1	3	0.12
(16,1689)	1:14:A:VAL:H	1:43:A:MET:HE2	3	0.12
(16,1689)	1:14:A:VAL:H	1:43:A:MET:HE3	3	0.12
(16,1689)	1:14:A:VAL:H	1:43:A:MET:HE1	19	0.12
(16,1689)	1:14:A:VAL:H	1:43:A:MET:HE2	19	0.12
(16,1689)	1:14:A:VAL:H	1:43:A:MET:HE3	19	0.12
(16,1683)	1:73:A:ILE:HG21	1:109:A:PRO:HA	13	0.12
(16,1683)	1:73:A:ILE:HG22	1:109:A:PRO:HA	13	0.12
(16,1683)	1:73:A:ILE:HG23	1:109:A:PRO:HA	13	0.12
(16,1679)	1:69:A:MET:HG3	1:109:A:PRO:HA	5	0.12
(16,1619)	1:34:A:LYS:H	1:80:A:TYR:HA	15	0.12
(16,1609)	1:149:A:ALA:HB1	1:151:A:PHE:HA	16	0.12
(16,1609)	1:149:A:ALA:HB2	1:151:A:PHE:HA	16	0.12
(16,1609)	1:149:A:ALA:HB3	1:151:A:PHE:HA	16	0.12
(16,1557)	1:11:A:ILE:HD11	1:18:A:PHE:HD1	3	0.12
(16,1557)	1:11:A:ILE:HD11	1:18:A:PHE:HD2	3	0.12
(16,1557)	1:11:A:ILE:HD12	1:18:A:PHE:HD1	3	0.12
(16,1557)	1:11:A:ILE:HD12	1:18:A:PHE:HD2	3	0.12
(16,1557)	1:11:A:ILE:HD13	1:18:A:PHE:HD1	3	0.12
(16,1557)	1:11:A:ILE:HD13	1:18:A:PHE:HD2	3	0.12
(16,1520)	1:69:A:MET:HE1	1:113:A:PHE:HD1	6	0.12
(16,1520)	1:69:A:MET:HE1	1:113:A:PHE:HD2	6	0.12
(16,1520)	1:69:A:MET:HE2	1:113:A:PHE:HD1	6	0.12
(16,1520)	1:69:A:MET:HE2	1:113:A:PHE:HD2	6	0.12
(16,1520)	1:69:A:MET:HE3	1:113:A:PHE:HD1	6	0.12
(16,1520)	1:69:A:MET:HE3	1:113:A:PHE:HD2	6	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1479)	1:101:A:ILE:HG21	1:116:A:GLN:H	4	0.12
(16,1479)	1:101:A:ILE:HG22	1:116:A:GLN:H	4	0.12
(16,1479)	1:101:A:ILE:HG23	1:116:A:GLN:H	4	0.12
(16,1479)	1:101:A:ILE:HG21	1:116:A:GLN:H	9	0.12
(16,1479)	1:101:A:ILE:HG22	1:116:A:GLN:H	9	0.12
(16,1479)	1:101:A:ILE:HG23	1:116:A:GLN:H	9	0.12
(16,1479)	1:101:A:ILE:HG21	1:116:A:GLN:H	13	0.12
(16,1479)	1:101:A:ILE:HG22	1:116:A:GLN:H	13	0.12
(16,1479)	1:101:A:ILE:HG23	1:116:A:GLN:H	13	0.12
(16,1474)	1:101:A:ILE:HG21	1:115:A:ALA:H	1	0.12
(16,1474)	1:101:A:ILE:HG22	1:115:A:ALA:H	1	0.12
(16,1474)	1:101:A:ILE:HG23	1:115:A:ALA:H	1	0.12
(16,1466)	1:45:A:ALA:HB1	1:47:A:ALA:H	3	0.12
(16,1466)	1:45:A:ALA:HB2	1:47:A:ALA:H	3	0.12
(16,1466)	1:45:A:ALA:HB3	1:47:A:ALA:H	3	0.12
(16,1463)	1:95:A:ILE:HG21	1:96:A:VAL:H	6	0.12
(16,1463)	1:95:A:ILE:HG22	1:96:A:VAL:H	6	0.12
(16,1463)	1:95:A:ILE:HG23	1:96:A:VAL:H	6	0.12
(16,1457)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	14	0.12
(16,1457)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	14	0.12
(16,1457)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	14	0.12
(16,1433)	1:50:A:ALA:HB1	1:127:A:CYS:HA	16	0.12
(16,1433)	1:50:A:ALA:HB2	1:127:A:CYS:HA	16	0.12
(16,1433)	1:50:A:ALA:HB3	1:127:A:CYS:HA	16	0.12
(16,1400)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	12	0.12
(16,1400)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	12	0.12
(16,1400)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	12	0.12
(16,1398)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	7	0.12
(16,1398)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	7	0.12
(16,1398)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	7	0.12
(16,1398)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	7	0.12
(16,1398)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	7	0.12
(16,1398)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	7	0.12
(16,1297)	1:18:A:PHE:HZ	1:60:A:LEU:HD21	14	0.12
(16,1297)	1:18:A:PHE:HZ	1:60:A:LEU:HD22	14	0.12
(16,1297)	1:18:A:PHE:HZ	1:60:A:LEU:HD23	14	0.12
(16,1257)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	6	0.12
(16,1257)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	6	0.12
(16,1257)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	6	0.12
(16,1196)	1:40:A:LEU:H	1:40:A:LEU:HD21	7	0.12
(16,1196)	1:40:A:LEU:H	1:40:A:LEU:HD22	7	0.12
(16,1196)	1:40:A:LEU:H	1:40:A:LEU:HD23	7	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1132)	1:143:A:TRP:HA	1:143:A:TRP:HE3	15	0.12
(16,1101)	1:70:A:LYS:HA	1:70:A:LYS:HE2	3	0.12
(16,1101)	1:70:A:LYS:HA	1:70:A:LYS:HE3	3	0.12
(16,1098)	1:45:A:ALA:HA	1:48:A:ARG:HG2	3	0.12
(16,1098)	1:45:A:ALA:HA	1:48:A:ARG:HG3	3	0.12
(16,1096)	1:101:A:ILE:HG21	1:112:A:GLN:HA	5	0.12
(16,1096)	1:101:A:ILE:HG22	1:112:A:GLN:HA	5	0.12
(16,1096)	1:101:A:ILE:HG23	1:112:A:GLN:HA	5	0.12
(16,1051)	1:11:A:ILE:HG12	1:43:A:MET:HB3	1	0.12
(16,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	12	0.12
(16,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	12	0.12
(16,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	12	0.12
(16,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	12	0.12
(16,1006)	1:113:A:PHE:HE1	1:114:A:ILE:HA	9	0.12
(16,1006)	1:113:A:PHE:HE2	1:114:A:ILE:HA	9	0.12
(16,985)	1:14:A:VAL:HB	1:15:A:ALA:HB1	2	0.12
(16,985)	1:14:A:VAL:HB	1:15:A:ALA:HB2	2	0.12
(16,985)	1:14:A:VAL:HB	1:15:A:ALA:HB3	2	0.12
(16,985)	1:14:A:VAL:HB	1:15:A:ALA:HB1	12	0.12
(16,985)	1:14:A:VAL:HB	1:15:A:ALA:HB2	12	0.12
(16,985)	1:14:A:VAL:HB	1:15:A:ALA:HB3	12	0.12
(16,948)	1:117:A:VAL:HA	1:119:A:LEU:H	11	0.12
(16,913)	1:20:A:THR:H	1:21:A:THR:HB	6	0.12
(16,908)	1:94:A:ALA:HA	1:95:A:ILE:HB	9	0.12
(16,908)	1:94:A:ALA:HA	1:95:A:ILE:HB	10	0.12
(16,875)	1:60:A:LEU:HB3	1:61:A:SER:H	15	0.12
(16,870)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	7	0.12
(16,816)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	7	0.12
(16,816)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	7	0.12
(16,816)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	7	0.12
(16,811)	1:58:A:ILE:HA	1:58:A:ILE:HD11	5	0.12
(16,811)	1:58:A:ILE:HA	1:58:A:ILE:HD12	5	0.12
(16,811)	1:58:A:ILE:HA	1:58:A:ILE:HD13	5	0.12
(16,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	7	0.12
(16,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	7	0.12
(16,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	7	0.12
(16,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	7	0.12
(16,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	7	0.12
(16,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	7	0.12
(16,783)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	8	0.12
(16,783)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	8	0.12
(16,783)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	8	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,783)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	8	0.12
(16,783)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	8	0.12
(16,783)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	8	0.12
(16,761)	1:103:A:ARG:HB2	1:103:A:ARG:HE	16	0.12
(16,761)	1:103:A:ARG:HB3	1:103:A:ARG:HE	16	0.12
(16,736)	1:50:A:ALA:H	1:130:A:GLY:HA3	4	0.12
(16,705)	1:98:A:ILE:H	1:104:A:PHE:H	18	0.12
(16,679)	1:101:A:ILE:HD11	1:116:A:GLN:H	10	0.12
(16,679)	1:101:A:ILE:HD12	1:116:A:GLN:H	10	0.12
(16,679)	1:101:A:ILE:HD13	1:116:A:GLN:H	10	0.12
(16,653)	1:70:A:LYS:H	1:70:A:LYS:HD3	5	0.12
(16,601)	1:28:A:GLY:H	1:29:A:LYS:HG2	7	0.12
(16,601)	1:28:A:GLY:H	1:29:A:LYS:HG3	7	0.12
(16,583)	1:116:A:GLN:HB2	1:116:A:GLN:HE22	4	0.12
(16,583)	1:116:A:GLN:HB3	1:116:A:GLN:HE22	4	0.12
(16,583)	1:116:A:GLN:HB2	1:116:A:GLN:HE22	5	0.12
(16,583)	1:116:A:GLN:HB3	1:116:A:GLN:HE22	5	0.12
(16,583)	1:116:A:GLN:HB2	1:116:A:GLN:HE22	8	0.12
(16,583)	1:116:A:GLN:HB3	1:116:A:GLN:HE22	8	0.12
(16,528)	1:74:A:PRO:HA	1:77:A:CYS:H	16	0.12
(16,497)	1:8:A:ASP:HB2	1:9:A:PHE:H	4	0.12
(16,367)	1:101:A:ILE:HG21	1:104:A:PHE:H	19	0.12
(16,367)	1:101:A:ILE:HG22	1:104:A:PHE:H	19	0.12
(16,367)	1:101:A:ILE:HG23	1:104:A:PHE:H	19	0.12
(16,297)	1:120:A:CYS:H	1:121:A:VAL:H	16	0.12
(16,296)	1:121:A:VAL:H	1:123:A:CYS:H	15	0.12
(16,277)	1:112:A:GLN:H	1:112:A:GLN:HE21	6	0.12
(16,241)	1:50:A:ALA:H	1:52:A:CYS:H	15	0.12
(16,221)	1:108:A:GLU:H	1:111:A:GLU:HG3	4	0.12
(16,196)	1:44:A:GLU:H	1:44:A:GLU:HG3	11	0.12
(16,196)	1:44:A:GLU:H	1:44:A:GLU:HG2	11	0.12
(16,90)	1:96:A:VAL:H	1:97:A:ASP:H	11	0.12
(16,88)	1:151:A:PHE:H	1:151:A:PHE:HB3	13	0.12
(16,59)	1:34:A:LYS:H	1:81:A:GLU:H	17	0.12
(16,57)	1:24:A:ASP:HB2	1:25:A:ALA:H	2	0.12
(16,57)	1:24:A:ASP:HB3	1:25:A:ALA:H	2	0.12
(16,57)	1:24:A:ASP:HB2	1:25:A:ALA:H	12	0.12
(16,57)	1:24:A:ASP:HB3	1:25:A:ALA:H	12	0.12
(16,47)	1:44:A:GLU:HB2	1:47:A:ALA:H	2	0.12
(16,47)	1:44:A:GLU:HB3	1:47:A:ALA:H	2	0.12
(16,20)	1:94:A:ALA:H	1:95:A:ILE:HD11	12	0.12
(16,20)	1:94:A:ALA:H	1:95:A:ILE:HD12	12	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,20)	1:94:A:ALA:H	1:95:A:ILE:HD13	12	0.12
(15,2458)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.12
(15,2458)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.12
(15,2458)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.12
(15,2458)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.12
(15,2458)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.12
(15,2458)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.12
(15,2458)	1:139:A:LEU:HD11	1:144:A:LEU:H	6	0.12
(15,2458)	1:139:A:LEU:HD12	1:144:A:LEU:H	6	0.12
(15,2458)	1:139:A:LEU:HD13	1:144:A:LEU:H	6	0.12
(15,2458)	1:139:A:LEU:HD21	1:144:A:LEU:H	6	0.12
(15,2458)	1:139:A:LEU:HD22	1:144:A:LEU:H	6	0.12
(15,2458)	1:139:A:LEU:HD23	1:144:A:LEU:H	6	0.12
(15,2448)	1:139:A:LEU:HD11	1:140:A:LEU:H	5	0.12
(15,2448)	1:139:A:LEU:HD12	1:140:A:LEU:H	5	0.12
(15,2448)	1:139:A:LEU:HD13	1:140:A:LEU:H	5	0.12
(15,2448)	1:139:A:LEU:HD21	1:140:A:LEU:H	5	0.12
(15,2448)	1:139:A:LEU:HD22	1:140:A:LEU:H	5	0.12
(15,2448)	1:139:A:LEU:HD23	1:140:A:LEU:H	5	0.12
(15,2439)	1:137:A:SER:HB2	1:140:A:LEU:HB2	2	0.12
(15,2439)	1:137:A:SER:HB3	1:140:A:LEU:HB2	2	0.12
(15,2334)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	3	0.12
(15,2334)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	3	0.12
(15,2334)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.12
(15,2334)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.12
(15,2309)	1:105:A:LYS:HG2	1:106:A:ASP:H	12	0.12
(15,2309)	1:105:A:LYS:HG3	1:106:A:ASP:H	12	0.12
(15,2263)	1:79:A:THR:HG21	1:81:A:GLU:HB2	6	0.12
(15,2263)	1:79:A:THR:HG21	1:81:A:GLU:HB3	6	0.12
(15,2263)	1:79:A:THR:HG22	1:81:A:GLU:HB2	6	0.12
(15,2263)	1:79:A:THR:HG22	1:81:A:GLU:HB3	6	0.12
(15,2263)	1:79:A:THR:HG23	1:81:A:GLU:HB2	6	0.12
(15,2263)	1:79:A:THR:HG23	1:81:A:GLU:HB3	6	0.12
(15,2218)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	1	0.12
(15,2218)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	1	0.12
(15,2208)	1:65:A:CYS:HB2	1:70:A:LYS:H	8	0.12
(15,2208)	1:65:A:CYS:HB3	1:70:A:LYS:H	8	0.12
(15,2110)	1:42:A:GLU:H	1:139:A:LEU:HD11	14	0.12
(15,2110)	1:42:A:GLU:H	1:139:A:LEU:HD12	14	0.12
(15,2110)	1:42:A:GLU:H	1:139:A:LEU:HD13	14	0.12
(15,2110)	1:42:A:GLU:H	1:139:A:LEU:HD21	14	0.12
(15,2110)	1:42:A:GLU:H	1:139:A:LEU:HD22	14	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2110)	1:42:A:GLU:H	1:139:A:LEU:HD23	14	0.12
(15,2093)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	17	0.12
(15,2093)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	17	0.12
(15,2093)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	17	0.12
(15,2093)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	17	0.12
(15,2093)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	17	0.12
(15,2093)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	17	0.12
(15,2015)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	14	0.12
(15,2015)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	14	0.12
(15,2015)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	14	0.12
(15,2015)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	14	0.12
(15,2015)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	14	0.12
(15,2015)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	14	0.12
(15,2015)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	14	0.12
(15,2015)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	14	0.12
(15,2015)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	14	0.12
(15,2015)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	14	0.12
(15,2015)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	14	0.12
(15,2015)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	14	0.12
(15,2014)	1:23:A:LEU:HD11	1:25:A:ALA:H	14	0.12
(15,2014)	1:23:A:LEU:HD12	1:25:A:ALA:H	14	0.12
(15,2014)	1:23:A:LEU:HD13	1:25:A:ALA:H	14	0.12
(15,2014)	1:23:A:LEU:HD21	1:25:A:ALA:H	14	0.12
(15,2014)	1:23:A:LEU:HD22	1:25:A:ALA:H	14	0.12
(15,2014)	1:23:A:LEU:HD23	1:25:A:ALA:H	14	0.12
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE1	10	0.12
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE2	10	0.12
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE3	10	0.12
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE1	10	0.12
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE2	10	0.12
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE3	10	0.12
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE1	13	0.12
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE2	13	0.12
(15,1984)	1:16:A:SER:HB2	1:43:A:MET:HE3	13	0.12
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE1	13	0.12
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE2	13	0.12
(15,1984)	1:16:A:SER:HB3	1:43:A:MET:HE3	13	0.12
(15,1959)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	1	0.12
(15,1959)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	1	0.12
(15,1959)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	1	0.12
(15,1959)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	1	0.12
(15,1959)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	1	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1959)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	1	0.12
(15,1959)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	1	0.12
(15,1959)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	1	0.12
(15,1959)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	1	0.12
(15,1959)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	1	0.12
(15,1959)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	1	0.12
(15,1959)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	1	0.12
(15,1920)	1:10:A:ASN:H	1:14:A:VAL:HG11	13	0.12
(15,1920)	1:10:A:ASN:H	1:14:A:VAL:HG12	13	0.12
(15,1920)	1:10:A:ASN:H	1:14:A:VAL:HG13	13	0.12
(15,1920)	1:10:A:ASN:H	1:14:A:VAL:HG21	13	0.12
(15,1920)	1:10:A:ASN:H	1:14:A:VAL:HG22	13	0.12
(15,1920)	1:10:A:ASN:H	1:14:A:VAL:HG23	13	0.12
(15,1895)	1:140:A:LEU:HA	1:143:A:TRP:HD1	2	0.12
(15,1888)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	3	0.12
(15,1888)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	3	0.12
(15,1888)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	3	0.12
(15,1888)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	3	0.12
(15,1888)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	3	0.12
(15,1888)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	3	0.12
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	18	0.12
(15,1883)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	18	0.12
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	18	0.12
(15,1883)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	18	0.12
(15,1858)	1:71:A:LYS:HA	1:72:A:PHE:HD1	5	0.12
(15,1858)	1:71:A:LYS:HA	1:72:A:PHE:HD2	5	0.12
(15,1856)	1:18:A:PHE:HD1	1:131:A:LEU:HD11	13	0.12
(15,1856)	1:18:A:PHE:HD1	1:131:A:LEU:HD12	13	0.12
(15,1856)	1:18:A:PHE:HD1	1:131:A:LEU:HD13	13	0.12
(15,1856)	1:18:A:PHE:HD2	1:131:A:LEU:HD11	13	0.12
(15,1856)	1:18:A:PHE:HD2	1:131:A:LEU:HD12	13	0.12
(15,1856)	1:18:A:PHE:HD2	1:131:A:LEU:HD13	13	0.12
(15,1812)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	9	0.12
(15,1792)	1:101:A:ILE:HB	1:104:A:PHE:HD1	18	0.12
(15,1792)	1:101:A:ILE:HB	1:104:A:PHE:HD2	18	0.12
(15,1776)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	15	0.12
(15,1776)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	15	0.12
(15,1776)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	15	0.12
(15,1776)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	15	0.12
(15,1776)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	15	0.12
(15,1776)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	15	0.12
(15,1776)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	15	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1776)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	15	0.12
(15,1776)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	15	0.12
(15,1776)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	15	0.12
(15,1776)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	15	0.12
(15,1776)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	15	0.12
(15,1759)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	3	0.12
(15,1759)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	3	0.12
(15,1759)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	3	0.12
(15,1759)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	3	0.12
(15,1743)	1:36:A:PRO:HG2	1:37:A:LEU:HG	7	0.12
(15,1708)	1:14:A:VAL:H	1:79:A:THR:HG21	7	0.12
(15,1708)	1:14:A:VAL:H	1:79:A:THR:HG22	7	0.12
(15,1708)	1:14:A:VAL:H	1:79:A:THR:HG23	7	0.12
(15,1685)	1:73:A:ILE:HG21	1:109:A:PRO:HA	13	0.12
(15,1685)	1:73:A:ILE:HG22	1:109:A:PRO:HA	13	0.12
(15,1685)	1:73:A:ILE:HG23	1:109:A:PRO:HA	13	0.12
(15,1681)	1:69:A:MET:HG3	1:109:A:PRO:HA	5	0.12
(15,1664)	1:107:A:LEU:H	1:111:A:GLU:HB2	11	0.12
(15,1664)	1:107:A:LEU:H	1:111:A:GLU:HB3	11	0.12
(15,1653)	1:69:A:MET:HA	1:69:A:MET:HE1	6	0.12
(15,1653)	1:69:A:MET:HA	1:69:A:MET:HE2	6	0.12
(15,1653)	1:69:A:MET:HA	1:69:A:MET:HE3	6	0.12
(15,1599)	1:73:A:ILE:HG21	1:76:A:ARG:H	11	0.12
(15,1599)	1:73:A:ILE:HG22	1:76:A:ARG:H	11	0.12
(15,1599)	1:73:A:ILE:HG23	1:76:A:ARG:H	11	0.12
(15,1599)	1:73:A:ILE:HG21	1:76:A:ARG:H	14	0.12
(15,1599)	1:73:A:ILE:HG22	1:76:A:ARG:H	14	0.12
(15,1599)	1:73:A:ILE:HG23	1:76:A:ARG:H	14	0.12
(15,1598)	1:72:A:PHE:H	1:73:A:ILE:HG21	5	0.12
(15,1598)	1:72:A:PHE:H	1:73:A:ILE:HG22	5	0.12
(15,1598)	1:72:A:PHE:H	1:73:A:ILE:HG23	5	0.12
(15,1512)	1:69:A:MET:HE1	1:113:A:PHE:HD1	6	0.12
(15,1512)	1:69:A:MET:HE1	1:113:A:PHE:HD2	6	0.12
(15,1512)	1:69:A:MET:HE2	1:113:A:PHE:HD1	6	0.12
(15,1512)	1:69:A:MET:HE2	1:113:A:PHE:HD2	6	0.12
(15,1512)	1:69:A:MET:HE3	1:113:A:PHE:HD1	6	0.12
(15,1512)	1:69:A:MET:HE3	1:113:A:PHE:HD2	6	0.12
(15,1484)	1:114:A:ILE:HG21	1:117:A:VAL:H	1	0.12
(15,1484)	1:114:A:ILE:HG22	1:117:A:VAL:H	1	0.12
(15,1484)	1:114:A:ILE:HG23	1:117:A:VAL:H	1	0.12
(15,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	11	0.12
(15,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	11	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1479)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	11	0.12
(15,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	11	0.12
(15,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	11	0.12
(15,1479)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	11	0.12
(15,1472)	1:101:A:ILE:HG21	1:116:A:GLN:H	4	0.12
(15,1472)	1:101:A:ILE:HG22	1:116:A:GLN:H	4	0.12
(15,1472)	1:101:A:ILE:HG23	1:116:A:GLN:H	4	0.12
(15,1472)	1:101:A:ILE:HG21	1:116:A:GLN:H	9	0.12
(15,1472)	1:101:A:ILE:HG22	1:116:A:GLN:H	9	0.12
(15,1472)	1:101:A:ILE:HG23	1:116:A:GLN:H	9	0.12
(15,1472)	1:101:A:ILE:HG21	1:116:A:GLN:H	13	0.12
(15,1472)	1:101:A:ILE:HG22	1:116:A:GLN:H	13	0.12
(15,1472)	1:101:A:ILE:HG23	1:116:A:GLN:H	13	0.12
(15,1467)	1:101:A:ILE:HG21	1:115:A:ALA:H	1	0.12
(15,1467)	1:101:A:ILE:HG22	1:115:A:ALA:H	1	0.12
(15,1467)	1:101:A:ILE:HG23	1:115:A:ALA:H	1	0.12
(15,1457)	1:95:A:ILE:HG21	1:96:A:VAL:H	6	0.12
(15,1457)	1:95:A:ILE:HG22	1:96:A:VAL:H	6	0.12
(15,1457)	1:95:A:ILE:HG23	1:96:A:VAL:H	6	0.12
(15,1454)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	1	0.12
(15,1454)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	1	0.12
(15,1454)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	1	0.12
(15,1454)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	1	0.12
(15,1454)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	1	0.12
(15,1454)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	1	0.12
(15,1454)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	1	0.12
(15,1454)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	1	0.12
(15,1454)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	1	0.12
(15,1417)	1:70:A:LYS:HA	1:73:A:ILE:HG21	13	0.12
(15,1417)	1:70:A:LYS:HA	1:73:A:ILE:HG22	13	0.12
(15,1417)	1:70:A:LYS:HA	1:73:A:ILE:HG23	13	0.12
(15,1407)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	4	0.12
(15,1407)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	4	0.12
(15,1407)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	4	0.12
(15,1407)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	4	0.12
(15,1407)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	4	0.12
(15,1407)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	4	0.12
(15,1327)	1:106:A:ASP:HA	1:112:A:GLN:HE21	13	0.12
(15,1290)	1:66:A:THR:HG21	1:70:A:LYS:H	4	0.12
(15,1290)	1:66:A:THR:HG22	1:70:A:LYS:H	4	0.12
(15,1290)	1:66:A:THR:HG23	1:70:A:LYS:H	4	0.12
(15,1260)	1:12:A:VAL:HG11	1:40:A:LEU:HA	13	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1260)	1:12:A:VAL:HG12	1:40:A:LEU:HA	13	0.12
(15,1260)	1:12:A:VAL:HG13	1:40:A:LEU:HA	13	0.12
(15,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE1	5	0.12
(15,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE2	5	0.12
(15,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE1	7	0.12
(15,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE2	7	0.12
(15,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE1	10	0.12
(15,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE2	10	0.12
(15,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE1	11	0.12
(15,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE2	11	0.12
(15,1141)	1:80:A:TYR:HA	1:80:A:TYR:HD1	1	0.12
(15,1141)	1:80:A:TYR:HA	1:80:A:TYR:HD2	1	0.12
(15,1141)	1:80:A:TYR:HA	1:80:A:TYR:HD1	5	0.12
(15,1141)	1:80:A:TYR:HA	1:80:A:TYR:HD2	5	0.12
(15,1141)	1:80:A:TYR:HA	1:80:A:TYR:HD1	6	0.12
(15,1141)	1:80:A:TYR:HA	1:80:A:TYR:HD2	6	0.12
(15,1141)	1:80:A:TYR:HA	1:80:A:TYR:HD1	10	0.12
(15,1141)	1:80:A:TYR:HA	1:80:A:TYR:HD2	10	0.12
(15,1141)	1:80:A:TYR:HA	1:80:A:TYR:HD1	17	0.12
(15,1141)	1:80:A:TYR:HA	1:80:A:TYR:HD2	17	0.12
(15,1071)	1:140:A:LEU:H	1:140:A:LEU:HG	12	0.12
(15,1035)	1:63:A:ILE:HG12	1:116:A:GLN:HG3	1	0.12
(15,911)	1:19:A:ALA:HB1	1:20:A:THR:HB	12	0.12
(15,911)	1:19:A:ALA:HB2	1:20:A:THR:HB	12	0.12
(15,911)	1:19:A:ALA:HB3	1:20:A:THR:HB	12	0.12
(15,892)	1:94:A:ALA:HA	1:95:A:ILE:HB	9	0.12
(15,892)	1:94:A:ALA:HA	1:95:A:ILE:HB	10	0.12
(15,865)	1:60:A:LEU:HB3	1:61:A:SER:H	15	0.12
(15,862)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	7	0.12
(15,843)	1:48:A:ARG:HA	1:48:A:ARG:HD2	18	0.12
(15,843)	1:48:A:ARG:HA	1:48:A:ARG:HD3	18	0.12
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD11	2	0.12
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD12	2	0.12
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD13	2	0.12
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD11	5	0.12
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD12	5	0.12
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD13	5	0.12
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD11	8	0.12
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD12	8	0.12
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD13	8	0.12
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD11	12	0.12
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD12	12	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD13	12	0.12
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD11	14	0.12
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD12	14	0.12
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD13	14	0.12
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD11	15	0.12
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD12	15	0.12
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD13	15	0.12
(15,815)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	17	0.12
(15,815)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	17	0.12
(15,815)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	17	0.12
(15,805)	1:58:A:ILE:HA	1:58:A:ILE:HD11	5	0.12
(15,805)	1:58:A:ILE:HA	1:58:A:ILE:HD12	5	0.12
(15,805)	1:58:A:ILE:HA	1:58:A:ILE:HD13	5	0.12
(15,799)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	7	0.12
(15,799)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	7	0.12
(15,799)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	7	0.12
(15,799)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	7	0.12
(15,799)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	7	0.12
(15,799)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	7	0.12
(15,782)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	8	0.12
(15,782)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	8	0.12
(15,782)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	8	0.12
(15,782)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	8	0.12
(15,782)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	8	0.12
(15,782)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	8	0.12
(15,674)	1:101:A:ILE:HD11	1:116:A:GLN:H	10	0.12
(15,674)	1:101:A:ILE:HD12	1:116:A:GLN:H	10	0.12
(15,674)	1:101:A:ILE:HD13	1:116:A:GLN:H	10	0.12
(15,561)	1:124:A:THR:H	1:128:A:LEU:HD21	3	0.12
(15,561)	1:124:A:THR:H	1:128:A:LEU:HD22	3	0.12
(15,561)	1:124:A:THR:H	1:128:A:LEU:HD23	3	0.12
(15,500)	1:8:A:ASP:HB2	1:9:A:PHE:H	4	0.12
(15,493)	1:105:A:LYS:H	1:107:A:LEU:H	9	0.12
(15,363)	1:101:A:ILE:HG21	1:104:A:PHE:H	19	0.12
(15,363)	1:101:A:ILE:HG22	1:104:A:PHE:H	19	0.12
(15,363)	1:101:A:ILE:HG23	1:104:A:PHE:H	19	0.12
(15,278)	1:112:A:GLN:H	1:112:A:GLN:HE21	6	0.12
(15,241)	1:50:A:ALA:H	1:52:A:CYS:H	15	0.12
(15,239)	1:10:A:ASN:H	1:13:A:ALA:HB1	5	0.12
(15,239)	1:10:A:ASN:H	1:13:A:ALA:HB2	5	0.12
(15,239)	1:10:A:ASN:H	1:13:A:ALA:HB3	5	0.12
(15,215)	1:98:A:ILE:HD11	1:101:A:ILE:H	11	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,215)	1:98:A:ILE:HD12	1:101:A:ILE:H	11	0.12
(15,215)	1:98:A:ILE:HD13	1:101:A:ILE:H	11	0.12
(15,215)	1:98:A:ILE:HD11	1:101:A:ILE:H	18	0.12
(15,215)	1:98:A:ILE:HD12	1:101:A:ILE:H	18	0.12
(15,215)	1:98:A:ILE:HD13	1:101:A:ILE:H	18	0.12
(15,196)	1:44:A:GLU:H	1:44:A:GLU:HG3	11	0.12
(15,196)	1:44:A:GLU:H	1:44:A:GLU:HG2	11	0.12
(15,120)	1:80:A:TYR:H	1:81:A:GLU:HG2	4	0.12
(15,120)	1:80:A:TYR:H	1:81:A:GLU:HG3	4	0.12
(15,102)	1:60:A:LEU:HA	1:63:A:ILE:H	19	0.12
(15,12)	1:64:A:LYS:H	1:116:A:GLN:HG3	11	0.12
(13,2444)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.12
(13,2444)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.12
(13,2444)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.12
(13,2444)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.12
(13,2444)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.12
(13,2444)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.12
(13,2444)	1:139:A:LEU:HD11	1:144:A:LEU:H	6	0.12
(13,2444)	1:139:A:LEU:HD12	1:144:A:LEU:H	6	0.12
(13,2444)	1:139:A:LEU:HD13	1:144:A:LEU:H	6	0.12
(13,2444)	1:139:A:LEU:HD21	1:144:A:LEU:H	6	0.12
(13,2444)	1:139:A:LEU:HD22	1:144:A:LEU:H	6	0.12
(13,2444)	1:139:A:LEU:HD23	1:144:A:LEU:H	6	0.12
(13,2426)	1:137:A:SER:HB2	1:139:A:LEU:H	12	0.12
(13,2426)	1:137:A:SER:HB3	1:139:A:LEU:H	12	0.12
(13,2406)	1:132:A:ALA:H	1:133:A:ASN:HB2	19	0.12
(13,2406)	1:132:A:ALA:H	1:133:A:ASN:HB3	19	0.12
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG11	19	0.12
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG12	19	0.12
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG13	19	0.12
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG21	19	0.12
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG22	19	0.12
(13,2405)	1:131:A:LEU:HD11	1:134:A:VAL:HG23	19	0.12
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG11	19	0.12
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG12	19	0.12
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG13	19	0.12
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG21	19	0.12
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG22	19	0.12
(13,2405)	1:131:A:LEU:HD12	1:134:A:VAL:HG23	19	0.12
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG11	19	0.12
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG12	19	0.12
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG13	19	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG21	19	0.12
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG22	19	0.12
(13,2405)	1:131:A:LEU:HD13	1:134:A:VAL:HG23	19	0.12
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG11	19	0.12
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG12	19	0.12
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG13	19	0.12
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG21	19	0.12
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG22	19	0.12
(13,2405)	1:131:A:LEU:HD21	1:134:A:VAL:HG23	19	0.12
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG11	19	0.12
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG12	19	0.12
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG13	19	0.12
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG21	19	0.12
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG22	19	0.12
(13,2405)	1:131:A:LEU:HD22	1:134:A:VAL:HG23	19	0.12
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG11	19	0.12
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG12	19	0.12
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG13	19	0.12
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG21	19	0.12
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG22	19	0.12
(13,2405)	1:131:A:LEU:HD23	1:134:A:VAL:HG23	19	0.12
(13,2395)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	19	0.12
(13,2395)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	19	0.12
(13,2322)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	3	0.12
(13,2322)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	3	0.12
(13,2322)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.12
(13,2322)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.12
(13,2311)	1:107:A:LEU:HD11	1:112:A:GLN:HA	2	0.12
(13,2311)	1:107:A:LEU:HD12	1:112:A:GLN:HA	2	0.12
(13,2311)	1:107:A:LEU:HD13	1:112:A:GLN:HA	2	0.12
(13,2311)	1:107:A:LEU:HD21	1:112:A:GLN:HA	2	0.12
(13,2311)	1:107:A:LEU:HD22	1:112:A:GLN:HA	2	0.12
(13,2311)	1:107:A:LEU:HD23	1:112:A:GLN:HA	2	0.12
(13,2231)	1:72:A:PHE:HD1	1:109:A:PRO:HG2	7	0.12
(13,2231)	1:72:A:PHE:HD1	1:109:A:PRO:HG3	7	0.12
(13,2231)	1:72:A:PHE:HD2	1:109:A:PRO:HG2	7	0.12
(13,2231)	1:72:A:PHE:HD2	1:109:A:PRO:HG3	7	0.12
(13,2206)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	1	0.12
(13,2206)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	1	0.12
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG11	3	0.12
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG12	3	0.12
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG13	3	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG21	3	0.12
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG22	3	0.12
(13,2200)	1:66:A:THR:H	1:96:A:VAL:HG23	3	0.12
(13,2198)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	3	0.12
(13,2198)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	3	0.12
(13,2198)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	3	0.12
(13,2198)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	3	0.12
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE21	14	0.12
(13,2189)	1:64:A:LYS:HE2	1:116:A:GLN:HE22	14	0.12
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE21	14	0.12
(13,2189)	1:64:A:LYS:HE3	1:116:A:GLN:HE22	14	0.12
(13,2169)	1:60:A:LEU:HD11	1:120:A:CYS:HA	18	0.12
(13,2169)	1:60:A:LEU:HD12	1:120:A:CYS:HA	18	0.12
(13,2169)	1:60:A:LEU:HD13	1:120:A:CYS:HA	18	0.12
(13,2169)	1:60:A:LEU:HD21	1:120:A:CYS:HA	18	0.12
(13,2169)	1:60:A:LEU:HD22	1:120:A:CYS:HA	18	0.12
(13,2169)	1:60:A:LEU:HD23	1:120:A:CYS:HA	18	0.12
(13,2092)	1:43:A:MET:H	1:140:A:LEU:HD11	9	0.12
(13,2092)	1:43:A:MET:H	1:140:A:LEU:HD12	9	0.12
(13,2092)	1:43:A:MET:H	1:140:A:LEU:HD13	9	0.12
(13,2092)	1:43:A:MET:H	1:140:A:LEU:HD21	9	0.12
(13,2092)	1:43:A:MET:H	1:140:A:LEU:HD22	9	0.12
(13,2092)	1:43:A:MET:H	1:140:A:LEU:HD23	9	0.12
(13,2076)	1:40:A:LEU:HA	1:40:A:LEU:HD11	4	0.12
(13,2076)	1:40:A:LEU:HA	1:40:A:LEU:HD12	4	0.12
(13,2076)	1:40:A:LEU:HA	1:40:A:LEU:HD13	4	0.12
(13,2076)	1:40:A:LEU:HA	1:40:A:LEU:HD21	4	0.12
(13,2076)	1:40:A:LEU:HA	1:40:A:LEU:HD22	4	0.12
(13,2076)	1:40:A:LEU:HA	1:40:A:LEU:HD23	4	0.12
(13,2061)	1:39:A:VAL:HG11	1:43:A:MET:H	1	0.12
(13,2061)	1:39:A:VAL:HG12	1:43:A:MET:H	1	0.12
(13,2061)	1:39:A:VAL:HG13	1:43:A:MET:H	1	0.12
(13,2061)	1:39:A:VAL:HG21	1:43:A:MET:H	1	0.12
(13,2061)	1:39:A:VAL:HG22	1:43:A:MET:H	1	0.12
(13,2061)	1:39:A:VAL:HG23	1:43:A:MET:H	1	0.12
(13,2061)	1:39:A:VAL:HG11	1:43:A:MET:H	14	0.12
(13,2061)	1:39:A:VAL:HG12	1:43:A:MET:H	14	0.12
(13,2061)	1:39:A:VAL:HG13	1:43:A:MET:H	14	0.12
(13,2061)	1:39:A:VAL:HG21	1:43:A:MET:H	14	0.12
(13,2061)	1:39:A:VAL:HG22	1:43:A:MET:H	14	0.12
(13,2061)	1:39:A:VAL:HG23	1:43:A:MET:H	14	0.12
(13,2003)	1:23:A:LEU:HD11	1:27:A:ARG:HB2	7	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2003)	1:23:A:LEU:HD12	1:27:A:ARG:HB2	7	0.12
(13,2003)	1:23:A:LEU:HD13	1:27:A:ARG:HB2	7	0.12
(13,2003)	1:23:A:LEU:HD21	1:27:A:ARG:HB2	7	0.12
(13,2003)	1:23:A:LEU:HD22	1:27:A:ARG:HB2	7	0.12
(13,2003)	1:23:A:LEU:HD23	1:27:A:ARG:HB2	7	0.12
(13,2001)	1:23:A:LEU:HD11	1:24:A:ASP:H	16	0.12
(13,2001)	1:23:A:LEU:HD12	1:24:A:ASP:H	16	0.12
(13,2001)	1:23:A:LEU:HD13	1:24:A:ASP:H	16	0.12
(13,2001)	1:23:A:LEU:HD21	1:24:A:ASP:H	16	0.12
(13,2001)	1:23:A:LEU:HD22	1:24:A:ASP:H	16	0.12
(13,2001)	1:23:A:LEU:HD23	1:24:A:ASP:H	16	0.12
(13,1999)	1:23:A:LEU:H	1:23:A:LEU:HD11	10	0.12
(13,1999)	1:23:A:LEU:H	1:23:A:LEU:HD12	10	0.12
(13,1999)	1:23:A:LEU:H	1:23:A:LEU:HD13	10	0.12
(13,1999)	1:23:A:LEU:H	1:23:A:LEU:HD21	10	0.12
(13,1999)	1:23:A:LEU:H	1:23:A:LEU:HD22	10	0.12
(13,1999)	1:23:A:LEU:H	1:23:A:LEU:HD23	10	0.12
(13,1983)	1:18:A:PHE:HD1	1:60:A:LEU:HD11	19	0.12
(13,1983)	1:18:A:PHE:HD1	1:60:A:LEU:HD12	19	0.12
(13,1983)	1:18:A:PHE:HD1	1:60:A:LEU:HD13	19	0.12
(13,1983)	1:18:A:PHE:HD1	1:60:A:LEU:HD21	19	0.12
(13,1983)	1:18:A:PHE:HD1	1:60:A:LEU:HD22	19	0.12
(13,1983)	1:18:A:PHE:HD1	1:60:A:LEU:HD23	19	0.12
(13,1983)	1:18:A:PHE:HD2	1:60:A:LEU:HD11	19	0.12
(13,1983)	1:18:A:PHE:HD2	1:60:A:LEU:HD12	19	0.12
(13,1983)	1:18:A:PHE:HD2	1:60:A:LEU:HD13	19	0.12
(13,1983)	1:18:A:PHE:HD2	1:60:A:LEU:HD21	19	0.12
(13,1983)	1:18:A:PHE:HD2	1:60:A:LEU:HD22	19	0.12
(13,1983)	1:18:A:PHE:HD2	1:60:A:LEU:HD23	19	0.12
(13,1954)	1:14:A:VAL:HG11	1:57:A:LEU:H	5	0.12
(13,1954)	1:14:A:VAL:HG12	1:57:A:LEU:H	5	0.12
(13,1954)	1:14:A:VAL:HG13	1:57:A:LEU:H	5	0.12
(13,1954)	1:14:A:VAL:HG21	1:57:A:LEU:H	5	0.12
(13,1954)	1:14:A:VAL:HG22	1:57:A:LEU:H	5	0.12
(13,1954)	1:14:A:VAL:HG23	1:57:A:LEU:H	5	0.12
(13,1952)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	19	0.12
(13,1952)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	19	0.12
(13,1952)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	19	0.12
(13,1952)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	19	0.12
(13,1952)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	19	0.12
(13,1952)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	19	0.12
(13,1952)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	19	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1952)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	19	0.12
(13,1952)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	19	0.12
(13,1952)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	19	0.12
(13,1952)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	19	0.12
(13,1952)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	19	0.12
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	4	0.12
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	4	0.12
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	4	0.12
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	4	0.12
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	4	0.12
(13,1918)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	4	0.12
(13,1878)	1:140:A:LEU:HA	1:143:A:TRP:HD1	2	0.12
(13,1873)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	18	0.12
(13,1867)	1:80:A:TYR:HE1	1:81:A:GLU:H	8	0.12
(13,1867)	1:80:A:TYR:HE2	1:81:A:GLU:H	8	0.12
(13,1843)	1:104:A:PHE:HE1	1:113:A:PHE:HA	10	0.12
(13,1843)	1:104:A:PHE:HE2	1:113:A:PHE:HA	10	0.12
(13,1834)	1:71:A:LYS:HA	1:72:A:PHE:HD1	5	0.12
(13,1834)	1:71:A:LYS:HA	1:72:A:PHE:HD2	5	0.12
(13,1831)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	3	0.12
(13,1831)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	3	0.12
(13,1831)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	3	0.12
(13,1831)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	3	0.12
(13,1831)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	3	0.12
(13,1831)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	3	0.12
(13,1831)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	9	0.12
(13,1831)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	9	0.12
(13,1831)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	9	0.12
(13,1831)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	9	0.12
(13,1831)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	9	0.12
(13,1831)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	9	0.12
(13,1830)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	1	0.12
(13,1830)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	1	0.12
(13,1830)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	1	0.12
(13,1830)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	1	0.12
(13,1830)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	1	0.12
(13,1830)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	1	0.12
(13,1783)	1:9:A:PHE:HZ	1:54:A:ARG:HA	3	0.12
(13,1753)	1:13:A:ALA:HA	1:80:A:TYR:HD1	12	0.12
(13,1753)	1:13:A:ALA:HA	1:80:A:TYR:HD2	12	0.12
(13,1720)	1:36:A:PRO:HG2	1:37:A:LEU:HG	7	0.12
(13,1674)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	14	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1674)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	14	0.12
(13,1674)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	16	0.12
(13,1674)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	16	0.12
(13,1657)	1:73:A:ILE:HG21	1:109:A:PRO:HA	13	0.12
(13,1657)	1:73:A:ILE:HG22	1:109:A:PRO:HA	13	0.12
(13,1657)	1:73:A:ILE:HG23	1:109:A:PRO:HA	13	0.12
(13,1637)	1:107:A:LEU:H	1:111:A:GLU:HB2	11	0.12
(13,1637)	1:107:A:LEU:H	1:111:A:GLU:HB3	11	0.12
(13,1625)	1:69:A:MET:HA	1:69:A:MET:HE1	6	0.12
(13,1625)	1:69:A:MET:HA	1:69:A:MET:HE2	6	0.12
(13,1625)	1:69:A:MET:HA	1:69:A:MET:HE3	6	0.12
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	10	0.12
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	10	0.12
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	10	0.12
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	10	0.12
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	10	0.12
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	10	0.12
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	10	0.12
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	10	0.12
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	10	0.12
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG11	16	0.12
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG12	16	0.12
(13,1615)	1:50:A:ALA:HB1	1:134:A:VAL:HG13	16	0.12
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG11	16	0.12
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG12	16	0.12
(13,1615)	1:50:A:ALA:HB2	1:134:A:VAL:HG13	16	0.12
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG11	16	0.12
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG12	16	0.12
(13,1615)	1:50:A:ALA:HB3	1:134:A:VAL:HG13	16	0.12
(13,1599)	1:34:A:LYS:H	1:80:A:TYR:HA	15	0.12
(13,1590)	1:149:A:ALA:HB1	1:151:A:PHE:HA	16	0.12
(13,1590)	1:149:A:ALA:HB2	1:151:A:PHE:HA	16	0.12
(13,1590)	1:149:A:ALA:HB3	1:151:A:PHE:HA	16	0.12
(13,1575)	1:73:A:ILE:HG21	1:76:A:ARG:H	11	0.12
(13,1575)	1:73:A:ILE:HG22	1:76:A:ARG:H	11	0.12
(13,1575)	1:73:A:ILE:HG23	1:76:A:ARG:H	11	0.12
(13,1575)	1:73:A:ILE:HG21	1:76:A:ARG:H	14	0.12
(13,1575)	1:73:A:ILE:HG22	1:76:A:ARG:H	14	0.12
(13,1575)	1:73:A:ILE:HG23	1:76:A:ARG:H	14	0.12
(13,1567)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	13	0.12
(13,1567)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	13	0.12
(13,1567)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	13	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1503)	1:69:A:MET:HE1	1:76:A:ARG:HG2	10	0.12
(13,1503)	1:69:A:MET:HE1	1:76:A:ARG:HG3	10	0.12
(13,1503)	1:69:A:MET:HE2	1:76:A:ARG:HG2	10	0.12
(13,1503)	1:69:A:MET:HE2	1:76:A:ARG:HG3	10	0.12
(13,1503)	1:69:A:MET:HE3	1:76:A:ARG:HG2	10	0.12
(13,1503)	1:69:A:MET:HE3	1:76:A:ARG:HG3	10	0.12
(13,1502)	1:66:A:THR:HG21	1:69:A:MET:HE1	15	0.12
(13,1502)	1:66:A:THR:HG21	1:69:A:MET:HE2	15	0.12
(13,1502)	1:66:A:THR:HG21	1:69:A:MET:HE3	15	0.12
(13,1502)	1:66:A:THR:HG22	1:69:A:MET:HE1	15	0.12
(13,1502)	1:66:A:THR:HG22	1:69:A:MET:HE2	15	0.12
(13,1502)	1:66:A:THR:HG22	1:69:A:MET:HE3	15	0.12
(13,1502)	1:66:A:THR:HG23	1:69:A:MET:HE1	15	0.12
(13,1502)	1:66:A:THR:HG23	1:69:A:MET:HE2	15	0.12
(13,1502)	1:66:A:THR:HG23	1:69:A:MET:HE3	15	0.12
(13,1493)	1:69:A:MET:HE1	1:113:A:PHE:HD1	6	0.12
(13,1493)	1:69:A:MET:HE1	1:113:A:PHE:HD2	6	0.12
(13,1493)	1:69:A:MET:HE2	1:113:A:PHE:HD1	6	0.12
(13,1493)	1:69:A:MET:HE2	1:113:A:PHE:HD2	6	0.12
(13,1493)	1:69:A:MET:HE3	1:113:A:PHE:HD1	6	0.12
(13,1493)	1:69:A:MET:HE3	1:113:A:PHE:HD2	6	0.12
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE1	6	0.12
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE2	6	0.12
(13,1478)	1:43:A:MET:HA	1:43:A:MET:HE3	6	0.12
(13,1453)	1:101:A:ILE:HG21	1:116:A:GLN:H	4	0.12
(13,1453)	1:101:A:ILE:HG22	1:116:A:GLN:H	4	0.12
(13,1453)	1:101:A:ILE:HG23	1:116:A:GLN:H	4	0.12
(13,1453)	1:101:A:ILE:HG21	1:116:A:GLN:H	9	0.12
(13,1453)	1:101:A:ILE:HG22	1:116:A:GLN:H	9	0.12
(13,1453)	1:101:A:ILE:HG23	1:116:A:GLN:H	9	0.12
(13,1453)	1:101:A:ILE:HG21	1:116:A:GLN:H	13	0.12
(13,1453)	1:101:A:ILE:HG22	1:116:A:GLN:H	13	0.12
(13,1453)	1:101:A:ILE:HG23	1:116:A:GLN:H	13	0.12
(13,1430)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	14	0.12
(13,1430)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	14	0.12
(13,1430)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	14	0.12
(13,1393)	1:70:A:LYS:HA	1:73:A:ILE:HG21	13	0.12
(13,1393)	1:70:A:LYS:HA	1:73:A:ILE:HG22	13	0.12
(13,1393)	1:70:A:LYS:HA	1:73:A:ILE:HG23	13	0.12
(13,1375)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	12	0.12
(13,1375)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	12	0.12
(13,1375)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	12	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1372)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	5	0.12
(13,1372)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	5	0.12
(13,1372)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	5	0.12
(13,1372)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	5	0.12
(13,1372)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	5	0.12
(13,1372)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	5	0.12
(13,1347)	1:39:A:VAL:H	1:39:A:VAL:HG11	3	0.12
(13,1347)	1:39:A:VAL:H	1:39:A:VAL:HG12	3	0.12
(13,1347)	1:39:A:VAL:H	1:39:A:VAL:HG13	3	0.12
(13,1347)	1:39:A:VAL:H	1:39:A:VAL:HG11	5	0.12
(13,1347)	1:39:A:VAL:H	1:39:A:VAL:HG12	5	0.12
(13,1347)	1:39:A:VAL:H	1:39:A:VAL:HG13	5	0.12
(13,1347)	1:39:A:VAL:H	1:39:A:VAL:HG11	8	0.12
(13,1347)	1:39:A:VAL:H	1:39:A:VAL:HG12	8	0.12
(13,1347)	1:39:A:VAL:H	1:39:A:VAL:HG13	8	0.12
(13,1347)	1:39:A:VAL:H	1:39:A:VAL:HG11	10	0.12
(13,1347)	1:39:A:VAL:H	1:39:A:VAL:HG12	10	0.12
(13,1347)	1:39:A:VAL:H	1:39:A:VAL:HG13	10	0.12
(13,1347)	1:39:A:VAL:H	1:39:A:VAL:HG11	12	0.12
(13,1347)	1:39:A:VAL:H	1:39:A:VAL:HG12	12	0.12
(13,1347)	1:39:A:VAL:H	1:39:A:VAL:HG13	12	0.12
(13,1263)	1:66:A:THR:HG21	1:70:A:LYS:H	4	0.12
(13,1263)	1:66:A:THR:HG22	1:70:A:LYS:H	4	0.12
(13,1263)	1:66:A:THR:HG23	1:70:A:LYS:H	4	0.12
(13,1227)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	1	0.12
(13,1227)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	1	0.12
(13,1227)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	1	0.12
(13,1227)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	1	0.12
(13,1227)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	1	0.12
(13,1227)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	1	0.12
(13,1227)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	1	0.12
(13,1227)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	1	0.12
(13,1227)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	1	0.12
(13,1222)	1:37:A:LEU:HD11	1:38:A:GLU:HA	11	0.12
(13,1222)	1:37:A:LEU:HD12	1:38:A:GLU:HA	11	0.12
(13,1222)	1:37:A:LEU:HD13	1:38:A:GLU:HA	11	0.12
(13,1150)	1:103:A:ARG:HD2	1:107:A:LEU:HD21	15	0.12
(13,1150)	1:103:A:ARG:HD2	1:107:A:LEU:HD22	15	0.12
(13,1150)	1:103:A:ARG:HD2	1:107:A:LEU:HD23	15	0.12
(13,1150)	1:103:A:ARG:HD3	1:107:A:LEU:HD21	15	0.12
(13,1150)	1:103:A:ARG:HD3	1:107:A:LEU:HD22	15	0.12
(13,1150)	1:103:A:ARG:HD3	1:107:A:LEU:HD23	15	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1103)	1:40:A:LEU:HA	1:43:A:MET:HG2	10	0.12
(13,1066)	1:101:A:ILE:HG21	1:112:A:GLN:HA	5	0.12
(13,1066)	1:101:A:ILE:HG22	1:112:A:GLN:HA	5	0.12
(13,1066)	1:101:A:ILE:HG23	1:112:A:GLN:HA	5	0.12
(13,1051)	1:140:A:LEU:H	1:140:A:LEU:HG	12	0.12
(13,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	12	0.12
(13,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	12	0.12
(13,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	12	0.12
(13,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	12	0.12
(13,968)	1:113:A:PHE:HE1	1:114:A:ILE:HA	9	0.12
(13,968)	1:113:A:PHE:HE2	1:114:A:ILE:HA	9	0.12
(13,912)	1:79:A:THR:HG21	1:81:A:GLU:HG2	8	0.12
(13,912)	1:79:A:THR:HG21	1:81:A:GLU:HG3	8	0.12
(13,912)	1:79:A:THR:HG22	1:81:A:GLU:HG2	8	0.12
(13,912)	1:79:A:THR:HG22	1:81:A:GLU:HG3	8	0.12
(13,912)	1:79:A:THR:HG23	1:81:A:GLU:HG2	8	0.12
(13,912)	1:79:A:THR:HG23	1:81:A:GLU:HG3	8	0.12
(13,910)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	14	0.12
(13,910)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	14	0.12
(13,910)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	14	0.12
(13,910)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	14	0.12
(13,897)	1:19:A:ALA:HB1	1:20:A:THR:HB	12	0.12
(13,897)	1:19:A:ALA:HB2	1:20:A:THR:HB	12	0.12
(13,897)	1:19:A:ALA:HB3	1:20:A:THR:HB	12	0.12
(13,886)	1:21:A:THR:HB	1:23:A:LEU:H	17	0.12
(13,881)	1:94:A:ALA:HA	1:95:A:ILE:HB	9	0.12
(13,881)	1:94:A:ALA:HA	1:95:A:ILE:HB	10	0.12
(13,865)	1:138:A:ASP:HB2	1:141:A:LYS:HB2	7	0.12
(13,865)	1:138:A:ASP:HB2	1:141:A:LYS:HB3	7	0.12
(13,865)	1:138:A:ASP:HB3	1:141:A:LYS:HB2	7	0.12
(13,865)	1:138:A:ASP:HB3	1:141:A:LYS:HB3	7	0.12
(13,850)	1:60:A:LEU:HB3	1:61:A:SER:H	15	0.12
(13,826)	1:48:A:ARG:HA	1:48:A:ARG:HD2	18	0.12
(13,826)	1:48:A:ARG:HA	1:48:A:ARG:HD3	18	0.12
(13,761)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	8	0.12
(13,761)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	8	0.12
(13,761)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	8	0.12
(13,761)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	8	0.12
(13,761)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	8	0.12
(13,761)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	8	0.12
(13,735)	1:103:A:ARG:HB2	1:103:A:ARG:HE	16	0.12
(13,735)	1:103:A:ARG:HB3	1:103:A:ARG:HE	16	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,704)	1:9:A:PHE:HE1	1:54:A:ARG:HE	17	0.12
(13,704)	1:9:A:PHE:HE2	1:54:A:ARG:HE	17	0.12
(13,693)	1:23:A:LEU:HD21	1:27:A:ARG:HE	18	0.12
(13,693)	1:23:A:LEU:HD22	1:27:A:ARG:HE	18	0.12
(13,693)	1:23:A:LEU:HD23	1:27:A:ARG:HE	18	0.12
(13,682)	1:98:A:ILE:H	1:104:A:PHE:H	18	0.12
(13,660)	1:101:A:ILE:HD11	1:116:A:GLN:H	10	0.12
(13,660)	1:101:A:ILE:HD12	1:116:A:GLN:H	10	0.12
(13,660)	1:101:A:ILE:HD13	1:116:A:GLN:H	10	0.12
(13,518)	1:74:A:PRO:HA	1:77:A:CYS:H	16	0.12
(13,488)	1:8:A:ASP:HB2	1:9:A:PHE:H	4	0.12
(13,471)	1:103:A:ARG:H	1:103:A:ARG:HG2	5	0.12
(13,471)	1:103:A:ARG:H	1:103:A:ARG:HG3	5	0.12
(13,471)	1:103:A:ARG:H	1:103:A:ARG:HG2	15	0.12
(13,471)	1:103:A:ARG:H	1:103:A:ARG:HG3	15	0.12
(13,356)	1:101:A:ILE:HG21	1:104:A:PHE:H	19	0.12
(13,356)	1:101:A:ILE:HG22	1:104:A:PHE:H	19	0.12
(13,356)	1:101:A:ILE:HG23	1:104:A:PHE:H	19	0.12
(13,349)	1:104:A:PHE:H	1:106:A:ASP:H	16	0.12
(13,271)	1:112:A:GLN:H	1:112:A:GLN:HE21	6	0.12
(13,234)	1:50:A:ALA:H	1:52:A:CYS:H	15	0.12
(13,189)	1:44:A:GLU:H	1:44:A:GLU:HG3	11	0.12
(13,189)	1:44:A:GLU:H	1:44:A:GLU:HG2	11	0.12
(13,94)	1:60:A:LEU:HA	1:63:A:ILE:H	19	0.12
(13,18)	1:94:A:ALA:H	1:95:A:ILE:HD11	12	0.12
(13,18)	1:94:A:ALA:H	1:95:A:ILE:HD12	12	0.12
(13,18)	1:94:A:ALA:H	1:95:A:ILE:HD13	12	0.12
(11,2456)	1:142:A:LYS:HG2	1:143:A:TRP:HE1	5	0.12
(11,2456)	1:142:A:LYS:HG3	1:143:A:TRP:HE1	5	0.12
(11,2404)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	19	0.12
(11,2404)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	19	0.12
(11,2304)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	15	0.12
(11,2304)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	15	0.12
(11,2304)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	15	0.12
(11,2304)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	15	0.12
(11,2304)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	15	0.12
(11,2304)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	15	0.12
(11,2304)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	15	0.12
(11,2304)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	15	0.12
(11,2304)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	15	0.12
(11,2304)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	15	0.12
(11,2304)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	15	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2304)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	15	0.12
(11,2275)	1:72:A:PHE:HD1	1:109:A:PRO:HG2	7	0.12
(11,2275)	1:72:A:PHE:HD1	1:109:A:PRO:HG3	7	0.12
(11,2275)	1:72:A:PHE:HD2	1:109:A:PRO:HG2	7	0.12
(11,2275)	1:72:A:PHE:HD2	1:109:A:PRO:HG3	7	0.12
(11,2243)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	1	0.12
(11,2243)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	1	0.12
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG11	14	0.12
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG12	14	0.12
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG13	14	0.12
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG21	14	0.12
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG22	14	0.12
(11,2157)	1:43:A:MET:HA	1:134:A:VAL:HG23	14	0.12
(11,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	16	0.12
(11,2147)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	16	0.12
(11,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	16	0.12
(11,2147)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	16	0.12
(11,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	16	0.12
(11,2147)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	16	0.12
(11,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	16	0.12
(11,2147)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	16	0.12
(11,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	16	0.12
(11,2147)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	16	0.12
(11,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	16	0.12
(11,2147)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	16	0.12
(11,2096)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	8	0.12
(11,2096)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	8	0.12
(11,2096)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	8	0.12
(11,2096)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	8	0.12
(11,2096)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	8	0.12
(11,2096)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	8	0.12
(11,2085)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	15	0.12
(11,2085)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	15	0.12
(11,2085)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	15	0.12
(11,2085)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	15	0.12
(11,2085)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	15	0.12
(11,2085)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	15	0.12
(11,2072)	1:32:A:GLY:HA2	1:33:A:LYS:H	14	0.12
(11,2072)	1:32:A:GLY:HA3	1:33:A:LYS:H	14	0.12
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD11	3	0.12
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD12	3	0.12
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD13	3	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD21	3	0.12
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD22	3	0.12
(11,2049)	1:21:A:THR:HG21	1:23:A:LEU:HD23	3	0.12
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD11	3	0.12
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD12	3	0.12
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD13	3	0.12
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD21	3	0.12
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD22	3	0.12
(11,2049)	1:21:A:THR:HG22	1:23:A:LEU:HD23	3	0.12
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD11	3	0.12
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD12	3	0.12
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD13	3	0.12
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD21	3	0.12
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD22	3	0.12
(11,2049)	1:21:A:THR:HG23	1:23:A:LEU:HD23	3	0.12
(11,2039)	1:18:A:PHE:HB2	1:132:A:ALA:H	5	0.12
(11,2039)	1:18:A:PHE:HB3	1:132:A:ALA:H	5	0.12
(11,1995)	1:12:A:VAL:HG11	1:40:A:LEU:HA	18	0.12
(11,1995)	1:12:A:VAL:HG12	1:40:A:LEU:HA	18	0.12
(11,1995)	1:12:A:VAL:HG13	1:40:A:LEU:HA	18	0.12
(11,1995)	1:12:A:VAL:HG21	1:40:A:LEU:HA	18	0.12
(11,1995)	1:12:A:VAL:HG22	1:40:A:LEU:HA	18	0.12
(11,1995)	1:12:A:VAL:HG23	1:40:A:LEU:HA	18	0.12
(11,1938)	1:140:A:LEU:HA	1:143:A:TRP:HD1	2	0.12
(11,1934)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	18	0.12
(11,1895)	1:71:A:LYS:HA	1:72:A:PHE:HD1	5	0.12
(11,1895)	1:71:A:LYS:HA	1:72:A:PHE:HD2	5	0.12
(11,1865)	1:61:A:SER:H	1:62:A:HIS:HD2	14	0.12
(11,1855)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	15	0.12
(11,1855)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	15	0.12
(11,1830)	1:9:A:PHE:HD1	1:11:A:ILE:HB	10	0.12
(11,1830)	1:9:A:PHE:HD2	1:11:A:ILE:HB	10	0.12
(11,1788)	1:36:A:PRO:HG2	1:37:A:LEU:HG	7	0.12
(11,1742)	1:141:A:LYS:HA	1:145:A:PRO:HD3	13	0.12
(11,1739)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	14	0.12
(11,1739)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	14	0.12
(11,1739)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	16	0.12
(11,1739)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	16	0.12
(11,1725)	1:73:A:ILE:HG21	1:109:A:PRO:HA	13	0.12
(11,1725)	1:73:A:ILE:HG22	1:109:A:PRO:HA	13	0.12
(11,1725)	1:73:A:ILE:HG23	1:109:A:PRO:HA	13	0.12
(11,1721)	1:69:A:MET:HG3	1:109:A:PRO:HA	5	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1704)	1:107:A:LEU:H	1:111:A:GLU:HB2	11	0.12
(11,1704)	1:107:A:LEU:H	1:111:A:GLU:HB3	11	0.12
(11,1662)	1:34:A:LYS:H	1:80:A:TYR:HA	15	0.12
(11,1653)	1:149:A:ALA:HB1	1:151:A:PHE:HA	16	0.12
(11,1653)	1:149:A:ALA:HB2	1:151:A:PHE:HA	16	0.12
(11,1653)	1:149:A:ALA:HB3	1:151:A:PHE:HA	16	0.12
(11,1638)	1:73:A:ILE:HG21	1:76:A:ARG:H	11	0.12
(11,1638)	1:73:A:ILE:HG22	1:76:A:ARG:H	11	0.12
(11,1638)	1:73:A:ILE:HG23	1:76:A:ARG:H	11	0.12
(11,1638)	1:73:A:ILE:HG21	1:76:A:ARG:H	14	0.12
(11,1638)	1:73:A:ILE:HG22	1:76:A:ARG:H	14	0.12
(11,1638)	1:73:A:ILE:HG23	1:76:A:ARG:H	14	0.12
(11,1632)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	13	0.12
(11,1632)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	13	0.12
(11,1632)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	13	0.12
(11,1617)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	15	0.12
(11,1617)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	15	0.12
(11,1617)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	15	0.12
(11,1617)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	15	0.12
(11,1617)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	15	0.12
(11,1617)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	15	0.12
(11,1606)	1:61:A:SER:HA	1:63:A:ILE:HD11	3	0.12
(11,1606)	1:61:A:SER:HA	1:63:A:ILE:HD12	3	0.12
(11,1606)	1:61:A:SER:HA	1:63:A:ILE:HD13	3	0.12
(11,1584)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	3	0.12
(11,1584)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	3	0.12
(11,1584)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	3	0.12
(11,1552)	1:69:A:MET:HE1	1:109:A:PRO:HB2	13	0.12
(11,1552)	1:69:A:MET:HE1	1:109:A:PRO:HB3	13	0.12
(11,1552)	1:69:A:MET:HE2	1:109:A:PRO:HB2	13	0.12
(11,1552)	1:69:A:MET:HE2	1:109:A:PRO:HB3	13	0.12
(11,1552)	1:69:A:MET:HE3	1:109:A:PRO:HB2	13	0.12
(11,1552)	1:69:A:MET:HE3	1:109:A:PRO:HB3	13	0.12
(11,1542)	1:69:A:MET:HE1	1:113:A:PHE:HD1	6	0.12
(11,1542)	1:69:A:MET:HE1	1:113:A:PHE:HD2	6	0.12
(11,1542)	1:69:A:MET:HE2	1:113:A:PHE:HD1	6	0.12
(11,1542)	1:69:A:MET:HE2	1:113:A:PHE:HD2	6	0.12
(11,1542)	1:69:A:MET:HE3	1:113:A:PHE:HD1	6	0.12
(11,1542)	1:69:A:MET:HE3	1:113:A:PHE:HD2	6	0.12
(11,1508)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	11	0.12
(11,1508)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	11	0.12
(11,1508)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	11	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1508)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	11	0.12
(11,1508)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	11	0.12
(11,1508)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	11	0.12
(11,1485)	1:95:A:ILE:HG21	1:96:A:VAL:H	6	0.12
(11,1485)	1:95:A:ILE:HG22	1:96:A:VAL:H	6	0.12
(11,1485)	1:95:A:ILE:HG23	1:96:A:VAL:H	6	0.12
(11,1364)	1:117:A:VAL:HG11	1:118:A:ASP:H	15	0.12
(11,1364)	1:117:A:VAL:HG12	1:118:A:ASP:H	15	0.12
(11,1364)	1:117:A:VAL:HG13	1:118:A:ASP:H	15	0.12
(11,1353)	1:8:A:ASP:HA	1:8:A:ASP:HB3	3	0.12
(11,1353)	1:8:A:ASP:HA	1:8:A:ASP:HB3	8	0.12
(11,1353)	1:8:A:ASP:HA	1:8:A:ASP:HB3	9	0.12
(11,1353)	1:8:A:ASP:HA	1:8:A:ASP:HB3	13	0.12
(11,1353)	1:8:A:ASP:HA	1:8:A:ASP:HB3	17	0.12
(11,1306)	1:66:A:THR:HG21	1:70:A:LYS:H	4	0.12
(11,1306)	1:66:A:THR:HG22	1:70:A:LYS:H	4	0.12
(11,1306)	1:66:A:THR:HG23	1:70:A:LYS:H	4	0.12
(11,1211)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	7	0.12
(11,1211)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	7	0.12
(11,1211)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	7	0.12
(11,1211)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	7	0.12
(11,1211)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	7	0.12
(11,1211)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	7	0.12
(11,1211)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	7	0.12
(11,1211)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	7	0.12
(11,1211)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	7	0.12
(11,1178)	1:30:A:LEU:H	1:30:A:LEU:HD21	6	0.12
(11,1178)	1:30:A:LEU:H	1:30:A:LEU:HD22	6	0.12
(11,1178)	1:30:A:LEU:H	1:30:A:LEU:HD23	6	0.12
(11,1159)	1:80:A:TYR:HA	1:80:A:TYR:HE1	5	0.12
(11,1159)	1:80:A:TYR:HA	1:80:A:TYR:HE2	5	0.12
(11,1159)	1:80:A:TYR:HA	1:80:A:TYR:HE1	7	0.12
(11,1159)	1:80:A:TYR:HA	1:80:A:TYR:HE2	7	0.12
(11,1159)	1:80:A:TYR:HA	1:80:A:TYR:HE1	10	0.12
(11,1159)	1:80:A:TYR:HA	1:80:A:TYR:HE2	10	0.12
(11,1159)	1:80:A:TYR:HA	1:80:A:TYR:HE1	11	0.12
(11,1159)	1:80:A:TYR:HA	1:80:A:TYR:HE2	11	0.12
(11,1157)	1:80:A:TYR:HA	1:80:A:TYR:HD1	1	0.12
(11,1157)	1:80:A:TYR:HA	1:80:A:TYR:HD2	1	0.12
(11,1157)	1:80:A:TYR:HA	1:80:A:TYR:HD1	5	0.12
(11,1157)	1:80:A:TYR:HA	1:80:A:TYR:HD2	5	0.12
(11,1157)	1:80:A:TYR:HA	1:80:A:TYR:HD1	6	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1157)	1:80:A:TYR:HA	1:80:A:TYR:HD2	6	0.12
(11,1157)	1:80:A:TYR:HA	1:80:A:TYR:HD1	10	0.12
(11,1157)	1:80:A:TYR:HA	1:80:A:TYR:HD2	10	0.12
(11,1157)	1:80:A:TYR:HA	1:80:A:TYR:HD1	17	0.12
(11,1157)	1:80:A:TYR:HA	1:80:A:TYR:HD2	17	0.12
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD11	5	0.12
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD12	5	0.12
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD13	5	0.12
(11,1130)	1:143:A:TRP:HA	1:143:A:TRP:HE3	15	0.12
(11,1107)	1:41:A:LYS:HG3	1:42:A:GLU:HA	9	0.12
(11,1095)	1:45:A:ALA:HA	1:48:A:ARG:HG2	7	0.12
(11,1095)	1:45:A:ALA:HA	1:48:A:ARG:HG3	7	0.12
(11,1093)	1:108:A:GLU:HB2	1:109:A:PRO:HD3	6	0.12
(11,1093)	1:108:A:GLU:HB2	1:109:A:PRO:HD3	8	0.12
(11,1092)	1:101:A:ILE:HG21	1:112:A:GLN:HA	5	0.12
(11,1092)	1:101:A:ILE:HG22	1:112:A:GLN:HA	5	0.12
(11,1092)	1:101:A:ILE:HG23	1:112:A:GLN:HA	5	0.12
(11,1054)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	16	0.12
(11,1054)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	16	0.12
(11,1054)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	16	0.12
(11,1054)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	16	0.12
(11,1054)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	16	0.12
(11,1054)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	16	0.12
(11,1039)	1:41:A:LYS:HA	1:44:A:GLU:HB2	13	0.12
(11,1039)	1:41:A:LYS:HA	1:44:A:GLU:HB3	13	0.12
(11,992)	1:113:A:PHE:HE1	1:114:A:ILE:HA	9	0.12
(11,992)	1:113:A:PHE:HE2	1:114:A:ILE:HA	9	0.12
(11,939)	1:117:A:VAL:HA	1:118:A:ASP:HA	7	0.12
(11,939)	1:117:A:VAL:HA	1:118:A:ASP:HA	12	0.12
(11,935)	1:38:A:GLU:HG2	1:41:A:LYS:HE2	14	0.12
(11,935)	1:38:A:GLU:HG2	1:41:A:LYS:HE3	14	0.12
(11,935)	1:38:A:GLU:HG3	1:41:A:LYS:HE2	14	0.12
(11,935)	1:38:A:GLU:HG3	1:41:A:LYS:HE3	14	0.12
(11,934)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	17	0.12
(11,934)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	17	0.12
(11,922)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	8	0.12
(11,922)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	8	0.12
(11,922)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	8	0.12
(11,917)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	14	0.12
(11,917)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	14	0.12
(11,917)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	14	0.12
(11,880)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	14	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,880)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	14	0.12
(11,880)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	14	0.12
(11,873)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	5	0.12
(11,873)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	5	0.12
(11,873)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	5	0.12
(11,873)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	10	0.12
(11,873)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	10	0.12
(11,873)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	10	0.12
(11,869)	1:56:A:CYS:H	1:122:A:ASP:HB3	9	0.12
(11,862)	1:60:A:LEU:HB2	1:63:A:ILE:H	18	0.12
(11,847)	1:60:A:LEU:HB3	1:63:A:ILE:HG13	19	0.12
(11,840)	1:48:A:ARG:HA	1:48:A:ARG:HD2	18	0.12
(11,840)	1:48:A:ARG:HA	1:48:A:ARG:HD3	18	0.12
(11,812)	1:98:A:ILE:HD11	1:116:A:GLN:H	17	0.12
(11,812)	1:98:A:ILE:HD12	1:116:A:GLN:H	17	0.12
(11,812)	1:98:A:ILE:HD13	1:116:A:GLN:H	17	0.12
(11,802)	1:58:A:ILE:HA	1:58:A:ILE:HD11	5	0.12
(11,802)	1:58:A:ILE:HA	1:58:A:ILE:HD12	5	0.12
(11,802)	1:58:A:ILE:HA	1:58:A:ILE:HD13	5	0.12
(11,789)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	1	0.12
(11,789)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	1	0.12
(11,789)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	1	0.12
(11,789)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	1	0.12
(11,789)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	1	0.12
(11,789)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	1	0.12
(11,781)	1:11:A:ILE:HA	1:11:A:ILE:HD11	11	0.12
(11,781)	1:11:A:ILE:HA	1:11:A:ILE:HD12	11	0.12
(11,781)	1:11:A:ILE:HA	1:11:A:ILE:HD13	11	0.12
(11,773)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	8	0.12
(11,773)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	8	0.12
(11,773)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	8	0.12
(11,773)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	8	0.12
(11,773)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	8	0.12
(11,773)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	8	0.12
(11,750)	1:103:A:ARG:HB2	1:103:A:ARG:HE	16	0.12
(11,750)	1:103:A:ARG:HB3	1:103:A:ARG:HE	16	0.12
(11,698)	1:98:A:ILE:H	1:104:A:PHE:H	18	0.12
(11,670)	1:101:A:ILE:HD11	1:116:A:GLN:H	10	0.12
(11,670)	1:101:A:ILE:HD12	1:116:A:GLN:H	10	0.12
(11,670)	1:101:A:ILE:HD13	1:116:A:GLN:H	10	0.12
(11,655)	1:99:A:PRO:HG3	1:100:A:ALA:H	3	0.12
(11,655)	1:99:A:PRO:HG3	1:100:A:ALA:H	19	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,619)	1:29:A:LYS:H	1:30:A:LEU:H	15	0.12
(11,543)	1:60:A:LEU:HD11	1:61:A:SER:H	18	0.12
(11,543)	1:60:A:LEU:HD12	1:61:A:SER:H	18	0.12
(11,543)	1:60:A:LEU:HD13	1:61:A:SER:H	18	0.12
(11,525)	1:74:A:PRO:HA	1:77:A:CYS:H	16	0.12
(11,364)	1:101:A:ILE:HG21	1:104:A:PHE:H	19	0.12
(11,364)	1:101:A:ILE:HG22	1:104:A:PHE:H	19	0.12
(11,364)	1:101:A:ILE:HG23	1:104:A:PHE:H	19	0.12
(11,356)	1:104:A:PHE:H	1:106:A:ASP:H	16	0.12
(11,324)	1:44:A:GLU:HG2	1:46:A:ASN:H	4	0.12
(11,294)	1:120:A:CYS:H	1:121:A:VAL:H	16	0.12
(11,273)	1:112:A:GLN:H	1:112:A:GLN:HE21	6	0.12
(11,267)	1:144:A:LEU:H	1:144:A:LEU:HD21	16	0.12
(11,267)	1:144:A:LEU:H	1:144:A:LEU:HD22	16	0.12
(11,267)	1:144:A:LEU:H	1:144:A:LEU:HD23	16	0.12
(11,264)	1:39:A:VAL:H	1:40:A:LEU:HB2	7	0.12
(11,244)	1:54:A:ARG:HA	1:58:A:ILE:H	16	0.12
(11,242)	1:23:A:LEU:HB2	1:24:A:ASP:H	3	0.12
(11,242)	1:23:A:LEU:HB3	1:24:A:ASP:H	3	0.12
(11,242)	1:23:A:LEU:HB2	1:24:A:ASP:H	17	0.12
(11,242)	1:23:A:LEU:HB3	1:24:A:ASP:H	17	0.12
(11,158)	1:50:A:ALA:HB1	1:127:A:CYS:H	5	0.12
(11,158)	1:50:A:ALA:HB2	1:127:A:CYS:H	5	0.12
(11,158)	1:50:A:ALA:HB3	1:127:A:CYS:H	5	0.12
(11,97)	1:60:A:LEU:HA	1:63:A:ILE:H	19	0.12
(11,49)	1:44:A:GLU:HG3	1:47:A:ALA:H	19	0.12
(9,2391)	1:139:A:LEU:H	1:139:A:LEU:HD11	8	0.12
(9,2391)	1:139:A:LEU:H	1:139:A:LEU:HD12	8	0.12
(9,2391)	1:139:A:LEU:H	1:139:A:LEU:HD13	8	0.12
(9,2391)	1:139:A:LEU:H	1:139:A:LEU:HD21	8	0.12
(9,2391)	1:139:A:LEU:H	1:139:A:LEU:HD22	8	0.12
(9,2391)	1:139:A:LEU:H	1:139:A:LEU:HD23	8	0.12
(9,2354)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	13	0.12
(9,2354)	1:129:A:LYS:HG2	1:133:A:ASN:HD22	13	0.12
(9,2354)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	13	0.12
(9,2354)	1:129:A:LYS:HG3	1:133:A:ASN:HD22	13	0.12
(9,2354)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	19	0.12
(9,2354)	1:129:A:LYS:HG2	1:133:A:ASN:HD22	19	0.12
(9,2354)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	19	0.12
(9,2354)	1:129:A:LYS:HG3	1:133:A:ASN:HD22	19	0.12
(9,2326)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	16	0.12
(9,2326)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	16	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2326)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	16	0.12
(9,2326)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	16	0.12
(9,2326)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	16	0.12
(9,2326)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	16	0.12
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD11	1	0.12
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD12	1	0.12
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD13	1	0.12
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD21	1	0.12
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD22	1	0.12
(9,2251)	1:101:A:ILE:H	1:119:A:LEU:HD23	1	0.12
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG11	15	0.12
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG12	15	0.12
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG13	15	0.12
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG21	15	0.12
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG22	15	0.12
(9,2232)	1:95:A:ILE:H	1:96:A:VAL:HG23	15	0.12
(9,2212)	1:72:A:PHE:HD1	1:109:A:PRO:HG2	7	0.12
(9,2212)	1:72:A:PHE:HD1	1:109:A:PRO:HG3	7	0.12
(9,2212)	1:72:A:PHE:HD2	1:109:A:PRO:HG2	7	0.12
(9,2212)	1:72:A:PHE:HD2	1:109:A:PRO:HG3	7	0.12
(9,2200)	1:69:A:MET:HG2	1:109:A:PRO:HA	3	0.12
(9,2200)	1:69:A:MET:HG3	1:109:A:PRO:HA	3	0.12
(9,2147)	1:56:A:CYS:H	1:122:A:ASP:HB2	3	0.12
(9,2147)	1:56:A:CYS:H	1:122:A:ASP:HB3	3	0.12
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD11	17	0.12
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD12	17	0.12
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD13	17	0.12
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD21	17	0.12
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD22	17	0.12
(9,2086)	1:39:A:VAL:HB	1:139:A:LEU:HD23	17	0.12
(9,2072)	1:37:A:LEU:HA	1:39:A:VAL:HG11	13	0.12
(9,2072)	1:37:A:LEU:HA	1:39:A:VAL:HG12	13	0.12
(9,2072)	1:37:A:LEU:HA	1:39:A:VAL:HG13	13	0.12
(9,2072)	1:37:A:LEU:HA	1:39:A:VAL:HG21	13	0.12
(9,2072)	1:37:A:LEU:HA	1:39:A:VAL:HG22	13	0.12
(9,2072)	1:37:A:LEU:HA	1:39:A:VAL:HG23	13	0.12
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG11	5	0.12
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG12	5	0.12
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG13	5	0.12
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG21	5	0.12
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG22	5	0.12
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG23	5	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2041)	1:31:A:PRO:HD2	1:144:A:LEU:HA	7	0.12
(9,2041)	1:31:A:PRO:HD3	1:144:A:LEU:HA	7	0.12
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	11	0.12
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	11	0.12
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	11	0.12
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	11	0.12
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	11	0.12
(9,2013)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	11	0.12
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	6	0.12
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	6	0.12
(9,1974)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	6	0.12
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	6	0.12
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	6	0.12
(9,1974)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	6	0.12
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	6	0.12
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	6	0.12
(9,1974)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	6	0.12
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	6	0.12
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	6	0.12
(9,1974)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	6	0.12
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	6	0.12
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	6	0.12
(9,1974)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	6	0.12
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	6	0.12
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	6	0.12
(9,1974)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	6	0.12
(9,1960)	1:12:A:VAL:HG11	1:40:A:LEU:HA	18	0.12
(9,1960)	1:12:A:VAL:HG12	1:40:A:LEU:HA	18	0.12
(9,1960)	1:12:A:VAL:HG13	1:40:A:LEU:HA	18	0.12
(9,1960)	1:12:A:VAL:HG21	1:40:A:LEU:HA	18	0.12
(9,1960)	1:12:A:VAL:HG22	1:40:A:LEU:HA	18	0.12
(9,1960)	1:12:A:VAL:HG23	1:40:A:LEU:HA	18	0.12
(9,1954)	1:12:A:VAL:H	1:14:A:VAL:HG11	2	0.12
(9,1954)	1:12:A:VAL:H	1:14:A:VAL:HG12	2	0.12
(9,1954)	1:12:A:VAL:H	1:14:A:VAL:HG13	2	0.12
(9,1954)	1:12:A:VAL:H	1:14:A:VAL:HG21	2	0.12
(9,1954)	1:12:A:VAL:H	1:14:A:VAL:HG22	2	0.12
(9,1954)	1:12:A:VAL:H	1:14:A:VAL:HG23	2	0.12
(9,1916)	1:140:A:LEU:HA	1:143:A:TRP:HD1	2	0.12
(9,1906)	1:80:A:TYR:HE1	1:81:A:GLU:H	8	0.12
(9,1906)	1:80:A:TYR:HE2	1:81:A:GLU:H	8	0.12
(9,1897)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	4	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1897)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	4	0.12
(9,1897)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	4	0.12
(9,1897)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	4	0.12
(9,1884)	1:104:A:PHE:HE1	1:113:A:PHE:HA	2	0.12
(9,1884)	1:104:A:PHE:HE2	1:113:A:PHE:HA	2	0.12
(9,1884)	1:104:A:PHE:HE1	1:113:A:PHE:HA	12	0.12
(9,1884)	1:104:A:PHE:HE2	1:113:A:PHE:HA	12	0.12
(9,1873)	1:71:A:LYS:HA	1:72:A:PHE:HD1	5	0.12
(9,1873)	1:71:A:LYS:HA	1:72:A:PHE:HD2	5	0.12
(9,1819)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	15	0.12
(9,1819)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	15	0.12
(9,1740)	1:39:A:VAL:HA	1:140:A:LEU:HD11	7	0.12
(9,1740)	1:39:A:VAL:HA	1:140:A:LEU:HD12	7	0.12
(9,1740)	1:39:A:VAL:HA	1:140:A:LEU:HD13	7	0.12
(9,1683)	1:73:A:ILE:HG21	1:109:A:PRO:HA	13	0.12
(9,1683)	1:73:A:ILE:HG22	1:109:A:PRO:HA	13	0.12
(9,1683)	1:73:A:ILE:HG23	1:109:A:PRO:HA	13	0.12
(9,1661)	1:107:A:LEU:H	1:111:A:GLU:HB2	11	0.12
(9,1661)	1:107:A:LEU:H	1:111:A:GLU:HB3	11	0.12
(9,1648)	1:69:A:MET:HA	1:69:A:MET:HE1	6	0.12
(9,1648)	1:69:A:MET:HA	1:69:A:MET:HE2	6	0.12
(9,1648)	1:69:A:MET:HA	1:69:A:MET:HE3	6	0.12
(9,1639)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	17	0.12
(9,1639)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	17	0.12
(9,1639)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	17	0.12
(9,1639)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	17	0.12
(9,1639)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	17	0.12
(9,1639)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	17	0.12
(9,1600)	1:73:A:ILE:HG21	1:76:A:ARG:H	11	0.12
(9,1600)	1:73:A:ILE:HG22	1:76:A:ARG:H	11	0.12
(9,1600)	1:73:A:ILE:HG23	1:76:A:ARG:H	11	0.12
(9,1600)	1:73:A:ILE:HG21	1:76:A:ARG:H	14	0.12
(9,1600)	1:73:A:ILE:HG22	1:76:A:ARG:H	14	0.12
(9,1600)	1:73:A:ILE:HG23	1:76:A:ARG:H	14	0.12
(9,1599)	1:72:A:PHE:H	1:73:A:ILE:HG21	5	0.12
(9,1599)	1:72:A:PHE:H	1:73:A:ILE:HG22	5	0.12
(9,1599)	1:72:A:PHE:H	1:73:A:ILE:HG23	5	0.12
(9,1593)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	13	0.12
(9,1593)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	13	0.12
(9,1593)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	13	0.12
(9,1518)	1:69:A:MET:HE1	1:113:A:PHE:HD1	6	0.12
(9,1518)	1:69:A:MET:HE1	1:113:A:PHE:HD2	6	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1518)	1:69:A:MET:HE2	1:113:A:PHE:HD1	6	0.12
(9,1518)	1:69:A:MET:HE2	1:113:A:PHE:HD2	6	0.12
(9,1518)	1:69:A:MET:HE3	1:113:A:PHE:HD1	6	0.12
(9,1518)	1:69:A:MET:HE3	1:113:A:PHE:HD2	6	0.12
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE1	6	0.12
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE2	6	0.12
(9,1500)	1:43:A:MET:HA	1:43:A:MET:HE3	6	0.12
(9,1486)	1:114:A:ILE:HG21	1:117:A:VAL:H	1	0.12
(9,1486)	1:114:A:ILE:HG22	1:117:A:VAL:H	1	0.12
(9,1486)	1:114:A:ILE:HG23	1:117:A:VAL:H	1	0.12
(9,1474)	1:101:A:ILE:HG21	1:116:A:GLN:H	4	0.12
(9,1474)	1:101:A:ILE:HG22	1:116:A:GLN:H	4	0.12
(9,1474)	1:101:A:ILE:HG23	1:116:A:GLN:H	4	0.12
(9,1474)	1:101:A:ILE:HG21	1:116:A:GLN:H	9	0.12
(9,1474)	1:101:A:ILE:HG22	1:116:A:GLN:H	9	0.12
(9,1474)	1:101:A:ILE:HG23	1:116:A:GLN:H	9	0.12
(9,1474)	1:101:A:ILE:HG21	1:116:A:GLN:H	13	0.12
(9,1474)	1:101:A:ILE:HG22	1:116:A:GLN:H	13	0.12
(9,1474)	1:101:A:ILE:HG23	1:116:A:GLN:H	13	0.12
(9,1469)	1:101:A:ILE:HG21	1:115:A:ALA:H	1	0.12
(9,1469)	1:101:A:ILE:HG22	1:115:A:ALA:H	1	0.12
(9,1469)	1:101:A:ILE:HG23	1:115:A:ALA:H	1	0.12
(9,1457)	1:95:A:ILE:HG21	1:96:A:VAL:H	6	0.12
(9,1457)	1:95:A:ILE:HG22	1:96:A:VAL:H	6	0.12
(9,1457)	1:95:A:ILE:HG23	1:96:A:VAL:H	6	0.12
(9,1427)	1:50:A:ALA:HB1	1:127:A:CYS:HA	18	0.12
(9,1427)	1:50:A:ALA:HB2	1:127:A:CYS:HA	18	0.12
(9,1427)	1:50:A:ALA:HB3	1:127:A:CYS:HA	18	0.12
(9,1413)	1:70:A:LYS:HA	1:73:A:ILE:HG21	13	0.12
(9,1413)	1:70:A:LYS:HA	1:73:A:ILE:HG22	13	0.12
(9,1413)	1:70:A:LYS:HA	1:73:A:ILE:HG23	13	0.12
(9,1388)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	5	0.12
(9,1388)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	5	0.12
(9,1388)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	5	0.12
(9,1388)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	5	0.12
(9,1388)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	5	0.12
(9,1388)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	5	0.12
(9,1339)	1:117:A:VAL:HG21	1:118:A:ASP:H	17	0.12
(9,1339)	1:117:A:VAL:HG22	1:118:A:ASP:H	17	0.12
(9,1339)	1:117:A:VAL:HG23	1:118:A:ASP:H	17	0.12
(9,1251)	1:37:A:LEU:HD11	1:38:A:GLU:HA	11	0.12
(9,1251)	1:37:A:LEU:HD12	1:38:A:GLU:HA	11	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1251)	1:37:A:LEU:HD13	1:38:A:GLU:HA	11	0.12
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD21	3	0.12
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD22	3	0.12
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD23	3	0.12
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD21	7	0.12
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD22	7	0.12
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD23	7	0.12
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD21	9	0.12
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD22	9	0.12
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD23	9	0.12
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD21	10	0.12
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD22	10	0.12
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD23	10	0.12
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD21	17	0.12
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD22	17	0.12
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD23	17	0.12
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD21	18	0.12
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD22	18	0.12
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD23	18	0.12
(9,1152)	1:71:A:LYS:HA	1:71:A:LYS:HE2	10	0.12
(9,1152)	1:71:A:LYS:HA	1:71:A:LYS:HE3	10	0.12
(9,1123)	1:143:A:TRP:HA	1:143:A:TRP:HE3	15	0.12
(9,1083)	1:108:A:GLU:HB2	1:109:A:PRO:HD3	6	0.12
(9,1083)	1:108:A:GLU:HB2	1:109:A:PRO:HD3	8	0.12
(9,1073)	1:38:A:GLU:HA	1:41:A:LYS:H	10	0.12
(9,1065)	1:140:A:LEU:H	1:140:A:LEU:HG	12	0.12
(9,1045)	1:110:A:MET:HE1	1:114:A:ILE:HG12	9	0.12
(9,1045)	1:110:A:MET:HE2	1:114:A:ILE:HG12	9	0.12
(9,1045)	1:110:A:MET:HE3	1:114:A:ILE:HG12	9	0.12
(9,1045)	1:110:A:MET:HE1	1:114:A:ILE:HG12	18	0.12
(9,1045)	1:110:A:MET:HE2	1:114:A:ILE:HG12	18	0.12
(9,1045)	1:110:A:MET:HE3	1:114:A:ILE:HG12	18	0.12
(9,1024)	1:41:A:LYS:HA	1:44:A:GLU:HB2	13	0.12
(9,1024)	1:41:A:LYS:HA	1:44:A:GLU:HB3	13	0.12
(9,1017)	1:149:A:ALA:HB1	1:150:A:THR:HA	7	0.12
(9,1017)	1:149:A:ALA:HB2	1:150:A:THR:HA	7	0.12
(9,1017)	1:149:A:ALA:HB3	1:150:A:THR:HA	7	0.12
(9,986)	1:113:A:PHE:HE1	1:114:A:ILE:HA	9	0.12
(9,986)	1:113:A:PHE:HE2	1:114:A:ILE:HA	9	0.12
(9,947)	1:67:A:PRO:HA	1:70:A:LYS:HB2	16	0.12
(9,947)	1:67:A:PRO:HA	1:70:A:LYS:HB3	16	0.12
(9,935)	1:117:A:VAL:HA	1:119:A:LEU:H	11	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,927)	1:81:A:GLU:HA	1:81:A:GLU:HG2	16	0.12
(9,927)	1:81:A:GLU:HA	1:81:A:GLU:HG3	16	0.12
(9,916)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	8	0.12
(9,916)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	8	0.12
(9,916)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	8	0.12
(9,907)	1:19:A:ALA:HB1	1:20:A:THR:HB	12	0.12
(9,907)	1:19:A:ALA:HB2	1:20:A:THR:HB	12	0.12
(9,907)	1:19:A:ALA:HB3	1:20:A:THR:HB	12	0.12
(9,839)	1:48:A:ARG:HA	1:48:A:ARG:HD2	18	0.12
(9,839)	1:48:A:ARG:HA	1:48:A:ARG:HD3	18	0.12
(9,799)	1:54:A:ARG:HE	1:58:A:ILE:HD11	2	0.12
(9,799)	1:54:A:ARG:HE	1:58:A:ILE:HD12	2	0.12
(9,799)	1:54:A:ARG:HE	1:58:A:ILE:HD13	2	0.12
(9,792)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	7	0.12
(9,792)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	7	0.12
(9,792)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	7	0.12
(9,792)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	7	0.12
(9,792)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	7	0.12
(9,792)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	7	0.12
(9,747)	1:103:A:ARG:HB2	1:103:A:ARG:HE	16	0.12
(9,747)	1:103:A:ARG:HB3	1:103:A:ARG:HE	16	0.12
(9,702)	1:23:A:LEU:HD21	1:27:A:ARG:HE	6	0.12
(9,702)	1:23:A:LEU:HD22	1:27:A:ARG:HE	6	0.12
(9,702)	1:23:A:LEU:HD23	1:27:A:ARG:HE	6	0.12
(9,702)	1:23:A:LEU:HD21	1:27:A:ARG:HE	12	0.12
(9,702)	1:23:A:LEU:HD22	1:27:A:ARG:HE	12	0.12
(9,702)	1:23:A:LEU:HD23	1:27:A:ARG:HE	12	0.12
(9,666)	1:101:A:ILE:HD11	1:116:A:GLN:H	10	0.12
(9,666)	1:101:A:ILE:HD12	1:116:A:GLN:H	10	0.12
(9,666)	1:101:A:ILE:HD13	1:116:A:GLN:H	10	0.12
(9,617)	1:29:A:LYS:H	1:30:A:LEU:H	15	0.12
(9,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	11	0.12
(9,547)	1:60:A:LEU:HD11	1:61:A:SER:H	18	0.12
(9,547)	1:60:A:LEU:HD12	1:61:A:SER:H	18	0.12
(9,547)	1:60:A:LEU:HD13	1:61:A:SER:H	18	0.12
(9,530)	1:74:A:PRO:HA	1:77:A:CYS:H	16	0.12
(9,480)	1:103:A:ARG:H	1:103:A:ARG:HG2	5	0.12
(9,480)	1:103:A:ARG:H	1:103:A:ARG:HG3	5	0.12
(9,480)	1:103:A:ARG:H	1:103:A:ARG:HG2	15	0.12
(9,480)	1:103:A:ARG:H	1:103:A:ARG:HG3	15	0.12
(9,371)	1:101:A:ILE:HG21	1:104:A:PHE:H	19	0.12
(9,371)	1:101:A:ILE:HG22	1:104:A:PHE:H	19	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,371)	1:101:A:ILE:HG23	1:104:A:PHE:H	19	0.12
(9,363)	1:104:A:PHE:H	1:106:A:ASP:H	16	0.12
(9,306)	1:140:A:LEU:H	1:140:A:LEU:HD11	1	0.12
(9,306)	1:140:A:LEU:H	1:140:A:LEU:HD12	1	0.12
(9,306)	1:140:A:LEU:H	1:140:A:LEU:HD13	1	0.12
(9,299)	1:120:A:CYS:H	1:121:A:VAL:H	16	0.12
(9,237)	1:10:A:ASN:H	1:13:A:ALA:HB1	5	0.12
(9,237)	1:10:A:ASN:H	1:13:A:ALA:HB2	5	0.12
(9,237)	1:10:A:ASN:H	1:13:A:ALA:HB3	5	0.12
(9,236)	1:11:A:ILE:HB	1:44:A:GLU:H	13	0.12
(9,168)	1:131:A:LEU:H	1:131:A:LEU:HD21	10	0.12
(9,168)	1:131:A:LEU:H	1:131:A:LEU:HD22	10	0.12
(9,168)	1:131:A:LEU:H	1:131:A:LEU:HD23	10	0.12
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB1	4	0.12
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB2	4	0.12
(9,132)	1:12:A:VAL:H	1:15:A:ALA:HB3	4	0.12
(9,114)	1:80:A:TYR:H	1:81:A:GLU:HG2	4	0.12
(9,114)	1:80:A:TYR:H	1:81:A:GLU:HG3	4	0.12
(9,97)	1:60:A:LEU:HA	1:63:A:ILE:H	19	0.12
(9,49)	1:44:A:GLU:HB2	1:47:A:ALA:H	2	0.12
(9,49)	1:44:A:GLU:HB3	1:47:A:ALA:H	2	0.12
(9,48)	1:44:A:GLU:HG3	1:47:A:ALA:H	19	0.12
(9,18)	1:94:A:ALA:H	1:95:A:ILE:HD11	12	0.12
(9,18)	1:94:A:ALA:H	1:95:A:ILE:HD12	12	0.12
(9,18)	1:94:A:ALA:H	1:95:A:ILE:HD13	12	0.12
(7,2448)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.12
(7,2448)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.12
(7,2448)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.12
(7,2448)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.12
(7,2448)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.12
(7,2448)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.12
(7,2448)	1:139:A:LEU:HD11	1:144:A:LEU:H	6	0.12
(7,2448)	1:139:A:LEU:HD12	1:144:A:LEU:H	6	0.12
(7,2448)	1:139:A:LEU:HD13	1:144:A:LEU:H	6	0.12
(7,2448)	1:139:A:LEU:HD21	1:144:A:LEU:H	6	0.12
(7,2448)	1:139:A:LEU:HD22	1:144:A:LEU:H	6	0.12
(7,2448)	1:139:A:LEU:HD23	1:144:A:LEU:H	6	0.12
(7,2410)	1:132:A:ALA:H	1:133:A:ASN:HB2	19	0.12
(7,2410)	1:132:A:ALA:H	1:133:A:ASN:HB3	19	0.12
(7,2401)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	19	0.12
(7,2401)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	19	0.12
(7,2393)	1:128:A:LEU:HB3	1:131:A:LEU:HD11	7	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2393)	1:128:A:LEU:HB3	1:131:A:LEU:HD12	7	0.12
(7,2393)	1:128:A:LEU:HB3	1:131:A:LEU:HD13	7	0.12
(7,2393)	1:128:A:LEU:HB3	1:131:A:LEU:HD21	7	0.12
(7,2393)	1:128:A:LEU:HB3	1:131:A:LEU:HD22	7	0.12
(7,2393)	1:128:A:LEU:HB3	1:131:A:LEU:HD23	7	0.12
(7,2331)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	3	0.12
(7,2331)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	3	0.12
(7,2331)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.12
(7,2331)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.12
(7,2318)	1:107:A:LEU:HD11	1:112:A:GLN:H	8	0.12
(7,2318)	1:107:A:LEU:HD12	1:112:A:GLN:H	8	0.12
(7,2318)	1:107:A:LEU:HD13	1:112:A:GLN:H	8	0.12
(7,2318)	1:107:A:LEU:HD21	1:112:A:GLN:H	8	0.12
(7,2318)	1:107:A:LEU:HD22	1:112:A:GLN:H	8	0.12
(7,2318)	1:107:A:LEU:HD23	1:112:A:GLN:H	8	0.12
(7,2315)	1:107:A:LEU:HD11	1:108:A:GLU:H	3	0.12
(7,2315)	1:107:A:LEU:HD12	1:108:A:GLU:H	3	0.12
(7,2315)	1:107:A:LEU:HD13	1:108:A:GLU:H	3	0.12
(7,2315)	1:107:A:LEU:HD21	1:108:A:GLU:H	3	0.12
(7,2315)	1:107:A:LEU:HD22	1:108:A:GLU:H	3	0.12
(7,2315)	1:107:A:LEU:HD23	1:108:A:GLU:H	3	0.12
(7,2315)	1:107:A:LEU:HD11	1:108:A:GLU:H	4	0.12
(7,2315)	1:107:A:LEU:HD12	1:108:A:GLU:H	4	0.12
(7,2315)	1:107:A:LEU:HD13	1:108:A:GLU:H	4	0.12
(7,2315)	1:107:A:LEU:HD21	1:108:A:GLU:H	4	0.12
(7,2315)	1:107:A:LEU:HD22	1:108:A:GLU:H	4	0.12
(7,2315)	1:107:A:LEU:HD23	1:108:A:GLU:H	4	0.12
(7,2252)	1:80:A:TYR:HB2	1:81:A:GLU:HB2	15	0.12
(7,2252)	1:80:A:TYR:HB2	1:81:A:GLU:HB3	15	0.12
(7,2251)	1:79:A:THR:HG21	1:81:A:GLU:HB2	8	0.12
(7,2251)	1:79:A:THR:HG21	1:81:A:GLU:HB3	8	0.12
(7,2251)	1:79:A:THR:HG22	1:81:A:GLU:HB2	8	0.12
(7,2251)	1:79:A:THR:HG22	1:81:A:GLU:HB3	8	0.12
(7,2251)	1:79:A:THR:HG23	1:81:A:GLU:HB2	8	0.12
(7,2251)	1:79:A:THR:HG23	1:81:A:GLU:HB3	8	0.12
(7,2227)	1:69:A:MET:HG2	1:70:A:LYS:HG2	11	0.12
(7,2227)	1:69:A:MET:HG3	1:70:A:LYS:HG2	11	0.12
(7,2197)	1:63:A:ILE:HG12	1:117:A:VAL:H	6	0.12
(7,2197)	1:63:A:ILE:HG13	1:117:A:VAL:H	6	0.12
(7,2194)	1:63:A:ILE:HG12	1:113:A:PHE:HE1	19	0.12
(7,2194)	1:63:A:ILE:HG12	1:113:A:PHE:HE2	19	0.12
(7,2194)	1:63:A:ILE:HG13	1:113:A:PHE:HE1	19	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2194)	1:63:A:ILE:HG13	1:113:A:PHE:HE2	19	0.12
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD11	6	0.12
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD12	6	0.12
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD13	6	0.12
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD21	6	0.12
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD22	6	0.12
(7,2124)	1:44:A:GLU:H	1:140:A:LEU:HD23	6	0.12
(7,2114)	1:43:A:MET:H	1:140:A:LEU:HD11	9	0.12
(7,2114)	1:43:A:MET:H	1:140:A:LEU:HD12	9	0.12
(7,2114)	1:43:A:MET:H	1:140:A:LEU:HD13	9	0.12
(7,2114)	1:43:A:MET:H	1:140:A:LEU:HD21	9	0.12
(7,2114)	1:43:A:MET:H	1:140:A:LEU:HD22	9	0.12
(7,2114)	1:43:A:MET:H	1:140:A:LEU:HD23	9	0.12
(7,2085)	1:39:A:VAL:HG11	1:43:A:MET:HB2	1	0.12
(7,2085)	1:39:A:VAL:HG12	1:43:A:MET:HB2	1	0.12
(7,2085)	1:39:A:VAL:HG13	1:43:A:MET:HB2	1	0.12
(7,2085)	1:39:A:VAL:HG21	1:43:A:MET:HB2	1	0.12
(7,2085)	1:39:A:VAL:HG22	1:43:A:MET:HB2	1	0.12
(7,2085)	1:39:A:VAL:HG23	1:43:A:MET:HB2	1	0.12
(7,2040)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	2	0.12
(7,2040)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	2	0.12
(7,2040)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	2	0.12
(7,2040)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	2	0.12
(7,2040)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	2	0.12
(7,2040)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	2	0.12
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG11	1	0.12
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG12	1	0.12
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG13	1	0.12
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	1	0.12
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	1	0.12
(7,1981)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	1	0.12
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG11	6	0.12
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG12	6	0.12
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG13	6	0.12
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	6	0.12
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	6	0.12
(7,1956)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	6	0.12
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG11	6	0.12
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG12	6	0.12
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG13	6	0.12
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	6	0.12
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	6	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1956)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	6	0.12
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG11	6	0.12
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG12	6	0.12
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG13	6	0.12
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	6	0.12
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	6	0.12
(7,1956)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	6	0.12
(7,1882)	1:140:A:LEU:HA	1:143:A:TRP:HD1	2	0.12
(7,1875)	1:80:A:TYR:HE1	1:81:A:GLU:H	8	0.12
(7,1875)	1:80:A:TYR:HE2	1:81:A:GLU:H	8	0.12
(7,1857)	1:104:A:PHE:HE1	1:113:A:PHE:HA	10	0.12
(7,1857)	1:104:A:PHE:HE2	1:113:A:PHE:HA	10	0.12
(7,1846)	1:71:A:LYS:HA	1:72:A:PHE:HD1	5	0.12
(7,1846)	1:71:A:LYS:HA	1:72:A:PHE:HD2	5	0.12
(7,1795)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	4	0.12
(7,1795)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	4	0.12
(7,1792)	1:9:A:PHE:HZ	1:57:A:LEU:HA	13	0.12
(7,1761)	1:9:A:PHE:HD1	1:58:A:ILE:HD11	3	0.12
(7,1761)	1:9:A:PHE:HD1	1:58:A:ILE:HD12	3	0.12
(7,1761)	1:9:A:PHE:HD1	1:58:A:ILE:HD13	3	0.12
(7,1761)	1:9:A:PHE:HD2	1:58:A:ILE:HD11	3	0.12
(7,1761)	1:9:A:PHE:HD2	1:58:A:ILE:HD12	3	0.12
(7,1761)	1:9:A:PHE:HD2	1:58:A:ILE:HD13	3	0.12
(7,1752)	1:35:A:LEU:HB2	1:80:A:TYR:HD1	5	0.12
(7,1752)	1:35:A:LEU:HB2	1:80:A:TYR:HD2	5	0.12
(7,1710)	1:39:A:VAL:HA	1:140:A:LEU:HD11	7	0.12
(7,1710)	1:39:A:VAL:HA	1:140:A:LEU:HD12	7	0.12
(7,1710)	1:39:A:VAL:HA	1:140:A:LEU:HD13	7	0.12
(7,1706)	1:31:A:PRO:HB2	1:35:A:LEU:HA	19	0.12
(7,1706)	1:31:A:PRO:HB3	1:35:A:LEU:HA	19	0.12
(7,1658)	1:73:A:ILE:HG21	1:109:A:PRO:HA	13	0.12
(7,1658)	1:73:A:ILE:HG22	1:109:A:PRO:HA	13	0.12
(7,1658)	1:73:A:ILE:HG23	1:109:A:PRO:HA	13	0.12
(7,1639)	1:107:A:LEU:H	1:111:A:GLU:HB2	11	0.12
(7,1639)	1:107:A:LEU:H	1:111:A:GLU:HB3	11	0.12
(7,1628)	1:69:A:MET:HA	1:69:A:MET:HE1	6	0.12
(7,1628)	1:69:A:MET:HA	1:69:A:MET:HE2	6	0.12
(7,1628)	1:69:A:MET:HA	1:69:A:MET:HE3	6	0.12
(7,1605)	1:113:A:PHE:HB3	1:114:A:ILE:HG21	19	0.12
(7,1605)	1:113:A:PHE:HB3	1:114:A:ILE:HG22	19	0.12
(7,1605)	1:113:A:PHE:HB3	1:114:A:ILE:HG23	19	0.12
(7,1580)	1:73:A:ILE:HG21	1:76:A:ARG:H	11	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1580)	1:73:A:ILE:HG22	1:76:A:ARG:H	11	0.12
(7,1580)	1:73:A:ILE:HG23	1:76:A:ARG:H	11	0.12
(7,1580)	1:73:A:ILE:HG21	1:76:A:ARG:H	14	0.12
(7,1580)	1:73:A:ILE:HG22	1:76:A:ARG:H	14	0.12
(7,1580)	1:73:A:ILE:HG23	1:76:A:ARG:H	14	0.12
(7,1579)	1:72:A:PHE:H	1:73:A:ILE:HG21	5	0.12
(7,1579)	1:72:A:PHE:H	1:73:A:ILE:HG22	5	0.12
(7,1579)	1:72:A:PHE:H	1:73:A:ILE:HG23	5	0.12
(7,1560)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	15	0.12
(7,1560)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	15	0.12
(7,1560)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	15	0.12
(7,1560)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	15	0.12
(7,1560)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	15	0.12
(7,1560)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	15	0.12
(7,1513)	1:66:A:THR:HG21	1:69:A:MET:HE1	15	0.12
(7,1513)	1:66:A:THR:HG21	1:69:A:MET:HE2	15	0.12
(7,1513)	1:66:A:THR:HG21	1:69:A:MET:HE3	15	0.12
(7,1513)	1:66:A:THR:HG22	1:69:A:MET:HE1	15	0.12
(7,1513)	1:66:A:THR:HG22	1:69:A:MET:HE2	15	0.12
(7,1513)	1:66:A:THR:HG22	1:69:A:MET:HE3	15	0.12
(7,1513)	1:66:A:THR:HG23	1:69:A:MET:HE1	15	0.12
(7,1513)	1:66:A:THR:HG23	1:69:A:MET:HE2	15	0.12
(7,1513)	1:66:A:THR:HG23	1:69:A:MET:HE3	15	0.12
(7,1502)	1:69:A:MET:HE1	1:113:A:PHE:HD1	6	0.12
(7,1502)	1:69:A:MET:HE1	1:113:A:PHE:HD2	6	0.12
(7,1502)	1:69:A:MET:HE2	1:113:A:PHE:HD1	6	0.12
(7,1502)	1:69:A:MET:HE2	1:113:A:PHE:HD2	6	0.12
(7,1502)	1:69:A:MET:HE3	1:113:A:PHE:HD1	6	0.12
(7,1502)	1:69:A:MET:HE3	1:113:A:PHE:HD2	6	0.12
(7,1495)	1:11:A:ILE:HG21	1:43:A:MET:HE1	18	0.12
(7,1495)	1:11:A:ILE:HG21	1:43:A:MET:HE2	18	0.12
(7,1495)	1:11:A:ILE:HG21	1:43:A:MET:HE3	18	0.12
(7,1495)	1:11:A:ILE:HG22	1:43:A:MET:HE1	18	0.12
(7,1495)	1:11:A:ILE:HG22	1:43:A:MET:HE2	18	0.12
(7,1495)	1:11:A:ILE:HG22	1:43:A:MET:HE3	18	0.12
(7,1495)	1:11:A:ILE:HG23	1:43:A:MET:HE1	18	0.12
(7,1495)	1:11:A:ILE:HG23	1:43:A:MET:HE2	18	0.12
(7,1495)	1:11:A:ILE:HG23	1:43:A:MET:HE3	18	0.12
(7,1480)	1:47:A:ALA:HB1	1:48:A:ARG:HB2	19	0.12
(7,1480)	1:47:A:ALA:HB1	1:48:A:ARG:HB3	19	0.12
(7,1480)	1:47:A:ALA:HB2	1:48:A:ARG:HB2	19	0.12
(7,1480)	1:47:A:ALA:HB2	1:48:A:ARG:HB3	19	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1480)	1:47:A:ALA:HB3	1:48:A:ARG:HB2	19	0.12
(7,1480)	1:47:A:ALA:HB3	1:48:A:ARG:HB3	19	0.12
(7,1471)	1:114:A:ILE:HG21	1:117:A:VAL:H	1	0.12
(7,1471)	1:114:A:ILE:HG22	1:117:A:VAL:H	1	0.12
(7,1471)	1:114:A:ILE:HG23	1:117:A:VAL:H	1	0.12
(7,1457)	1:101:A:ILE:HG21	1:116:A:GLN:H	4	0.12
(7,1457)	1:101:A:ILE:HG22	1:116:A:GLN:H	4	0.12
(7,1457)	1:101:A:ILE:HG23	1:116:A:GLN:H	4	0.12
(7,1457)	1:101:A:ILE:HG21	1:116:A:GLN:H	9	0.12
(7,1457)	1:101:A:ILE:HG22	1:116:A:GLN:H	9	0.12
(7,1457)	1:101:A:ILE:HG23	1:116:A:GLN:H	9	0.12
(7,1457)	1:101:A:ILE:HG21	1:116:A:GLN:H	13	0.12
(7,1457)	1:101:A:ILE:HG22	1:116:A:GLN:H	13	0.12
(7,1457)	1:101:A:ILE:HG23	1:116:A:GLN:H	13	0.12
(7,1453)	1:101:A:ILE:HG21	1:115:A:ALA:H	1	0.12
(7,1453)	1:101:A:ILE:HG22	1:115:A:ALA:H	1	0.12
(7,1453)	1:101:A:ILE:HG23	1:115:A:ALA:H	1	0.12
(7,1442)	1:95:A:ILE:HG21	1:96:A:VAL:H	6	0.12
(7,1442)	1:95:A:ILE:HG22	1:96:A:VAL:H	6	0.12
(7,1442)	1:95:A:ILE:HG23	1:96:A:VAL:H	6	0.12
(7,1436)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	14	0.12
(7,1436)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	14	0.12
(7,1436)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	14	0.12
(7,1415)	1:50:A:ALA:HB1	1:127:A:CYS:HA	18	0.12
(7,1415)	1:50:A:ALA:HB2	1:127:A:CYS:HA	18	0.12
(7,1415)	1:50:A:ALA:HB3	1:127:A:CYS:HA	18	0.12
(7,1402)	1:70:A:LYS:HA	1:73:A:ILE:HG21	13	0.12
(7,1402)	1:70:A:LYS:HA	1:73:A:ILE:HG22	13	0.12
(7,1402)	1:70:A:LYS:HA	1:73:A:ILE:HG23	13	0.12
(7,1378)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	5	0.12
(7,1378)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	5	0.12
(7,1378)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	5	0.12
(7,1378)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	5	0.12
(7,1378)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	5	0.12
(7,1378)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	5	0.12
(7,1345)	1:119:A:LEU:HB2	1:121:A:VAL:HG11	17	0.12
(7,1345)	1:119:A:LEU:HB2	1:121:A:VAL:HG12	17	0.12
(7,1345)	1:119:A:LEU:HB2	1:121:A:VAL:HG13	17	0.12
(7,1339)	1:39:A:VAL:H	1:39:A:VAL:HG11	3	0.12
(7,1339)	1:39:A:VAL:H	1:39:A:VAL:HG12	3	0.12
(7,1339)	1:39:A:VAL:H	1:39:A:VAL:HG13	3	0.12
(7,1339)	1:39:A:VAL:H	1:39:A:VAL:HG11	5	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1339)	1:39:A:VAL:H	1:39:A:VAL:HG12	5	0.12
(7,1339)	1:39:A:VAL:H	1:39:A:VAL:HG13	5	0.12
(7,1339)	1:39:A:VAL:H	1:39:A:VAL:HG11	8	0.12
(7,1339)	1:39:A:VAL:H	1:39:A:VAL:HG12	8	0.12
(7,1339)	1:39:A:VAL:H	1:39:A:VAL:HG13	8	0.12
(7,1339)	1:39:A:VAL:H	1:39:A:VAL:HG11	10	0.12
(7,1339)	1:39:A:VAL:H	1:39:A:VAL:HG12	10	0.12
(7,1339)	1:39:A:VAL:H	1:39:A:VAL:HG13	10	0.12
(7,1339)	1:39:A:VAL:H	1:39:A:VAL:HG11	12	0.12
(7,1339)	1:39:A:VAL:H	1:39:A:VAL:HG12	12	0.12
(7,1339)	1:39:A:VAL:H	1:39:A:VAL:HG13	12	0.12
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	18	0.12
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	18	0.12
(7,1328)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	18	0.12
(7,1317)	1:131:A:LEU:H	1:131:A:LEU:HD21	10	0.12
(7,1317)	1:131:A:LEU:H	1:131:A:LEU:HD22	10	0.12
(7,1317)	1:131:A:LEU:H	1:131:A:LEU:HD23	10	0.12
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	5	0.12
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	5	0.12
(7,1291)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	5	0.12
(7,1271)	1:66:A:THR:HG21	1:70:A:LYS:H	4	0.12
(7,1271)	1:66:A:THR:HG22	1:70:A:LYS:H	4	0.12
(7,1271)	1:66:A:THR:HG23	1:70:A:LYS:H	4	0.12
(7,1241)	1:12:A:VAL:HG11	1:40:A:LEU:HA	13	0.12
(7,1241)	1:12:A:VAL:HG12	1:40:A:LEU:HA	13	0.12
(7,1241)	1:12:A:VAL:HG13	1:40:A:LEU:HA	13	0.12
(7,1231)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	1	0.12
(7,1231)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	1	0.12
(7,1231)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	1	0.12
(7,1231)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	1	0.12
(7,1231)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	1	0.12
(7,1231)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	1	0.12
(7,1231)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	1	0.12
(7,1231)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	1	0.12
(7,1231)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	1	0.12
(7,1123)	1:80:A:TYR:HA	1:80:A:TYR:HE1	5	0.12
(7,1123)	1:80:A:TYR:HA	1:80:A:TYR:HE2	5	0.12
(7,1123)	1:80:A:TYR:HA	1:80:A:TYR:HE1	7	0.12
(7,1123)	1:80:A:TYR:HA	1:80:A:TYR:HE2	7	0.12
(7,1123)	1:80:A:TYR:HA	1:80:A:TYR:HE1	10	0.12
(7,1123)	1:80:A:TYR:HA	1:80:A:TYR:HE2	10	0.12
(7,1123)	1:80:A:TYR:HA	1:80:A:TYR:HE1	11	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1123)	1:80:A:TYR:HA	1:80:A:TYR:HE2	11	0.12
(7,1108)	1:40:A:LEU:HA	1:40:A:LEU:HD21	3	0.12
(7,1108)	1:40:A:LEU:HA	1:40:A:LEU:HD22	3	0.12
(7,1108)	1:40:A:LEU:HA	1:40:A:LEU:HD23	3	0.12
(7,1100)	1:143:A:TRP:HA	1:143:A:TRP:HE3	15	0.12
(7,1065)	1:101:A:ILE:HG21	1:112:A:GLN:HA	5	0.12
(7,1065)	1:101:A:ILE:HG22	1:112:A:GLN:HA	5	0.12
(7,1065)	1:101:A:ILE:HG23	1:112:A:GLN:HA	5	0.12
(7,1046)	1:140:A:LEU:H	1:140:A:LEU:HG	12	0.12
(7,1027)	1:110:A:MET:HE1	1:114:A:ILE:HG12	9	0.12
(7,1027)	1:110:A:MET:HE2	1:114:A:ILE:HG12	9	0.12
(7,1027)	1:110:A:MET:HE3	1:114:A:ILE:HG12	9	0.12
(7,1027)	1:110:A:MET:HE1	1:114:A:ILE:HG12	18	0.12
(7,1027)	1:110:A:MET:HE2	1:114:A:ILE:HG12	18	0.12
(7,1027)	1:110:A:MET:HE3	1:114:A:ILE:HG12	18	0.12
(7,1004)	1:34:A:LYS:H	1:81:A:GLU:HB3	12	0.12
(7,1001)	1:149:A:ALA:HB1	1:150:A:THR:HA	7	0.12
(7,1001)	1:149:A:ALA:HB2	1:150:A:THR:HA	7	0.12
(7,1001)	1:149:A:ALA:HB3	1:150:A:THR:HA	7	0.12
(7,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	12	0.12
(7,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	12	0.12
(7,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	12	0.12
(7,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	12	0.12
(7,978)	1:35:A:LEU:HG	1:143:A:TRP:HB3	11	0.12
(7,960)	1:15:A:ALA:HB1	1:134:A:VAL:HB	19	0.12
(7,960)	1:15:A:ALA:HB2	1:134:A:VAL:HB	19	0.12
(7,960)	1:15:A:ALA:HB3	1:134:A:VAL:HB	19	0.12
(7,902)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	3	0.12
(7,902)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	3	0.12
(7,902)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	3	0.12
(7,883)	1:94:A:ALA:HA	1:95:A:ILE:HB	9	0.12
(7,883)	1:94:A:ALA:HA	1:95:A:ILE:HB	10	0.12
(7,855)	1:60:A:LEU:HB3	1:61:A:SER:H	15	0.12
(7,831)	1:48:A:ARG:HA	1:48:A:ARG:HD2	18	0.12
(7,831)	1:48:A:ARG:HA	1:48:A:ARG:HD3	18	0.12
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD11	12	0.12
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD12	12	0.12
(7,778)	1:63:A:ILE:H	1:63:A:ILE:HD13	12	0.12
(7,770)	1:101:A:ILE:HD11	1:119:A:LEU:HG	8	0.12
(7,770)	1:101:A:ILE:HD12	1:119:A:LEU:HG	8	0.12
(7,770)	1:101:A:ILE:HD13	1:119:A:LEU:HG	8	0.12
(7,766)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	8	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,766)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	8	0.12
(7,766)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	8	0.12
(7,766)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	8	0.12
(7,766)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	8	0.12
(7,766)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	8	0.12
(7,743)	1:43:A:MET:HE1	1:134:A:VAL:H	14	0.12
(7,743)	1:43:A:MET:HE2	1:134:A:VAL:H	14	0.12
(7,743)	1:43:A:MET:HE3	1:134:A:VAL:H	14	0.12
(7,693)	1:98:A:ILE:H	1:104:A:PHE:H	18	0.12
(7,669)	1:124:A:THR:H	1:126:A:GLY:H	16	0.12
(7,669)	1:124:A:THR:H	1:126:A:GLY:H	19	0.12
(7,667)	1:101:A:ILE:HD11	1:116:A:GLN:H	10	0.12
(7,667)	1:101:A:ILE:HD12	1:116:A:GLN:H	10	0.12
(7,667)	1:101:A:ILE:HD13	1:116:A:GLN:H	10	0.12
(7,629)	1:9:A:PHE:HZ	1:58:A:ILE:H	16	0.12
(7,593)	1:28:A:GLY:H	1:29:A:LYS:HG2	7	0.12
(7,593)	1:28:A:GLY:H	1:29:A:LYS:HG3	7	0.12
(7,584)	1:126:A:GLY:H	1:128:A:LEU:HB2	8	0.12
(7,581)	1:124:A:THR:HG1	1:126:A:GLY:H	17	0.12
(7,495)	1:8:A:ASP:HB2	1:9:A:PHE:H	4	0.12
(7,442)	1:68:A:LYS:H	1:70:A:LYS:HG3	5	0.12
(7,358)	1:101:A:ILE:HG21	1:104:A:PHE:H	19	0.12
(7,358)	1:101:A:ILE:HG22	1:104:A:PHE:H	19	0.12
(7,358)	1:101:A:ILE:HG23	1:104:A:PHE:H	19	0.12
(7,351)	1:104:A:PHE:H	1:106:A:ASP:H	16	0.12
(7,293)	1:120:A:CYS:H	1:121:A:VAL:H	16	0.12
(7,187)	1:60:A:LEU:H	1:63:A:ILE:HD11	17	0.12
(7,187)	1:60:A:LEU:H	1:63:A:ILE:HD12	17	0.12
(7,187)	1:60:A:LEU:H	1:63:A:ILE:HD13	17	0.12
(7,157)	1:127:A:CYS:H	1:128:A:LEU:HB2	7	0.12
(7,95)	1:60:A:LEU:HA	1:63:A:ILE:H	19	0.12
(7,65)	1:13:A:ALA:HB1	1:81:A:GLU:H	12	0.12
(7,65)	1:13:A:ALA:HB2	1:81:A:GLU:H	12	0.12
(7,65)	1:13:A:ALA:HB3	1:81:A:GLU:H	12	0.12
(7,44)	1:44:A:GLU:HG2	1:47:A:ALA:H	5	0.12
(7,33)	1:95:A:ILE:HB	1:96:A:VAL:H	3	0.12
(7,33)	1:95:A:ILE:HB	1:96:A:VAL:H	8	0.12
(7,17)	1:94:A:ALA:H	1:95:A:ILE:HD11	12	0.12
(7,17)	1:94:A:ALA:H	1:95:A:ILE:HD12	12	0.12
(7,17)	1:94:A:ALA:H	1:95:A:ILE:HD13	12	0.12
(6,2456)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.12
(6,2456)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2456)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.12
(6,2456)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.12
(6,2456)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.12
(6,2456)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.12
(6,2456)	1:139:A:LEU:HD11	1:144:A:LEU:H	6	0.12
(6,2456)	1:139:A:LEU:HD12	1:144:A:LEU:H	6	0.12
(6,2456)	1:139:A:LEU:HD13	1:144:A:LEU:H	6	0.12
(6,2456)	1:139:A:LEU:HD21	1:144:A:LEU:H	6	0.12
(6,2456)	1:139:A:LEU:HD22	1:144:A:LEU:H	6	0.12
(6,2456)	1:139:A:LEU:HD23	1:144:A:LEU:H	6	0.12
(6,2430)	1:134:A:VAL:HG11	1:136:A:CYS:HB2	14	0.12
(6,2430)	1:134:A:VAL:HG11	1:136:A:CYS:HB3	14	0.12
(6,2430)	1:134:A:VAL:HG12	1:136:A:CYS:HB2	14	0.12
(6,2430)	1:134:A:VAL:HG12	1:136:A:CYS:HB3	14	0.12
(6,2430)	1:134:A:VAL:HG13	1:136:A:CYS:HB2	14	0.12
(6,2430)	1:134:A:VAL:HG13	1:136:A:CYS:HB3	14	0.12
(6,2430)	1:134:A:VAL:HG21	1:136:A:CYS:HB2	14	0.12
(6,2430)	1:134:A:VAL:HG21	1:136:A:CYS:HB3	14	0.12
(6,2430)	1:134:A:VAL:HG22	1:136:A:CYS:HB2	14	0.12
(6,2430)	1:134:A:VAL:HG22	1:136:A:CYS:HB3	14	0.12
(6,2430)	1:134:A:VAL:HG23	1:136:A:CYS:HB2	14	0.12
(6,2430)	1:134:A:VAL:HG23	1:136:A:CYS:HB3	14	0.12
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD11	4	0.12
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD12	4	0.12
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD13	4	0.12
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD21	4	0.12
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD22	4	0.12
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD23	4	0.12
(6,2320)	1:105:A:LYS:HG2	1:106:A:ASP:H	12	0.12
(6,2320)	1:105:A:LYS:HG3	1:106:A:ASP:H	12	0.12
(6,2286)	1:96:A:VAL:HG11	1:97:A:ASP:H	16	0.12
(6,2286)	1:96:A:VAL:HG12	1:97:A:ASP:H	16	0.12
(6,2286)	1:96:A:VAL:HG13	1:97:A:ASP:H	16	0.12
(6,2286)	1:96:A:VAL:HG21	1:97:A:ASP:H	16	0.12
(6,2286)	1:96:A:VAL:HG22	1:97:A:ASP:H	16	0.12
(6,2286)	1:96:A:VAL:HG23	1:97:A:ASP:H	16	0.12
(6,2264)	1:72:A:PHE:HD1	1:109:A:PRO:HG2	7	0.12
(6,2264)	1:72:A:PHE:HD1	1:109:A:PRO:HG3	7	0.12
(6,2264)	1:72:A:PHE:HD2	1:109:A:PRO:HG2	7	0.12
(6,2264)	1:72:A:PHE:HD2	1:109:A:PRO:HG3	7	0.12
(6,2234)	1:65:A:CYS:HB2	1:69:A:MET:HE1	8	0.12
(6,2234)	1:65:A:CYS:HB2	1:69:A:MET:HE2	8	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2234)	1:65:A:CYS:HB2	1:69:A:MET:HE3	8	0.12
(6,2234)	1:65:A:CYS:HB3	1:69:A:MET:HE1	8	0.12
(6,2234)	1:65:A:CYS:HB3	1:69:A:MET:HE2	8	0.12
(6,2234)	1:65:A:CYS:HB3	1:69:A:MET:HE3	8	0.12
(6,2173)	1:53:A:THR:H	1:57:A:LEU:HD11	11	0.12
(6,2173)	1:53:A:THR:H	1:57:A:LEU:HD12	11	0.12
(6,2173)	1:53:A:THR:H	1:57:A:LEU:HD13	11	0.12
(6,2173)	1:53:A:THR:H	1:57:A:LEU:HD21	11	0.12
(6,2173)	1:53:A:THR:H	1:57:A:LEU:HD22	11	0.12
(6,2173)	1:53:A:THR:H	1:57:A:LEU:HD23	11	0.12
(6,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD11	4	0.12
(6,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD12	4	0.12
(6,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD13	4	0.12
(6,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD21	4	0.12
(6,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD22	4	0.12
(6,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD23	4	0.12
(6,2103)	1:39:A:VAL:HA	1:140:A:LEU:HD11	2	0.12
(6,2103)	1:39:A:VAL:HA	1:140:A:LEU:HD12	2	0.12
(6,2103)	1:39:A:VAL:HA	1:140:A:LEU:HD13	2	0.12
(6,2103)	1:39:A:VAL:HA	1:140:A:LEU:HD21	2	0.12
(6,2103)	1:39:A:VAL:HA	1:140:A:LEU:HD22	2	0.12
(6,2103)	1:39:A:VAL:HA	1:140:A:LEU:HD23	2	0.12
(6,2102)	1:39:A:VAL:HA	1:139:A:LEU:HD11	4	0.12
(6,2102)	1:39:A:VAL:HA	1:139:A:LEU:HD12	4	0.12
(6,2102)	1:39:A:VAL:HA	1:139:A:LEU:HD13	4	0.12
(6,2102)	1:39:A:VAL:HA	1:139:A:LEU:HD21	4	0.12
(6,2102)	1:39:A:VAL:HA	1:139:A:LEU:HD22	4	0.12
(6,2102)	1:39:A:VAL:HA	1:139:A:LEU:HD23	4	0.12
(6,2078)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	18	0.12
(6,2078)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	18	0.12
(6,2078)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	18	0.12
(6,2078)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	18	0.12
(6,2078)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	18	0.12
(6,2078)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	18	0.12
(6,2078)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	18	0.12
(6,2078)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	18	0.12
(6,2078)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	18	0.12
(6,2078)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	18	0.12
(6,2078)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	18	0.12
(6,2078)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	18	0.12
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	11	0.12
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	11	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	11	0.12
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	11	0.12
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	11	0.12
(6,2038)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	11	0.12
(6,2006)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	6	0.12
(6,2006)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	6	0.12
(6,2006)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	6	0.12
(6,2006)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	6	0.12
(6,2006)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	6	0.12
(6,2006)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	6	0.12
(6,2006)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	6	0.12
(6,2006)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	6	0.12
(6,2006)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	6	0.12
(6,2006)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	6	0.12
(6,2006)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	6	0.12
(6,2006)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	6	0.12
(6,2006)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	6	0.12
(6,2006)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	6	0.12
(6,2006)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	6	0.12
(6,2006)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	6	0.12
(6,2006)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	6	0.12
(6,2006)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	6	0.12
(6,1983)	1:12:A:VAL:HG11	1:40:A:LEU:HA	18	0.12
(6,1983)	1:12:A:VAL:HG12	1:40:A:LEU:HA	18	0.12
(6,1983)	1:12:A:VAL:HG13	1:40:A:LEU:HA	18	0.12
(6,1983)	1:12:A:VAL:HG21	1:40:A:LEU:HA	18	0.12
(6,1983)	1:12:A:VAL:HG22	1:40:A:LEU:HA	18	0.12
(6,1983)	1:12:A:VAL:HG23	1:40:A:LEU:HA	18	0.12
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	12	0.12
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	12	0.12
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	12	0.12
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	12	0.12
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	12	0.12
(6,1954)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	12	0.12
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	12	0.12
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	12	0.12
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	12	0.12
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	12	0.12
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	12	0.12
(6,1954)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	12	0.12
(6,1918)	1:80:A:TYR:HE1	1:81:A:GLU:H	8	0.12
(6,1918)	1:80:A:TYR:HE2	1:81:A:GLU:H	8	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1909)	1:113:A:PHE:HD1	1:114:A:ILE:HB	6	0.12
(6,1909)	1:113:A:PHE:HD2	1:114:A:ILE:HB	6	0.12
(6,1895)	1:104:A:PHE:HE1	1:113:A:PHE:HA	10	0.12
(6,1895)	1:104:A:PHE:HE2	1:113:A:PHE:HA	10	0.12
(6,1890)	1:68:A:LYS:HA	1:72:A:PHE:HE1	12	0.12
(6,1890)	1:68:A:LYS:HA	1:72:A:PHE:HE2	12	0.12
(6,1883)	1:71:A:LYS:HA	1:72:A:PHE:HD1	5	0.12
(6,1883)	1:71:A:LYS:HA	1:72:A:PHE:HD2	5	0.12
(6,1869)	1:113:A:PHE:HE1	1:114:A:ILE:HA	14	0.12
(6,1869)	1:113:A:PHE:HE2	1:114:A:ILE:HA	14	0.12
(6,1852)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	13	0.12
(6,1852)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	13	0.12
(6,1852)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	13	0.12
(6,1852)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	13	0.12
(6,1852)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	13	0.12
(6,1852)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	13	0.12
(6,1830)	1:9:A:PHE:HZ	1:57:A:LEU:HA	13	0.12
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG11	17	0.12
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG12	17	0.12
(6,1822)	1:113:A:PHE:HD1	1:117:A:VAL:HG13	17	0.12
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG11	17	0.12
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG12	17	0.12
(6,1822)	1:113:A:PHE:HD2	1:117:A:VAL:HG13	17	0.12
(6,1793)	1:34:A:LYS:HB2	1:80:A:TYR:HD1	12	0.12
(6,1793)	1:34:A:LYS:HB2	1:80:A:TYR:HD2	12	0.12
(6,1793)	1:34:A:LYS:HB3	1:80:A:TYR:HD1	12	0.12
(6,1793)	1:34:A:LYS:HB3	1:80:A:TYR:HD2	12	0.12
(6,1777)	1:97:A:ASP:HB2	1:105:A:LYS:HD2	3	0.12
(6,1777)	1:97:A:ASP:HB2	1:105:A:LYS:HD3	3	0.12
(6,1777)	1:97:A:ASP:HB3	1:105:A:LYS:HD2	3	0.12
(6,1777)	1:97:A:ASP:HB3	1:105:A:LYS:HD3	3	0.12
(6,1759)	1:36:A:PRO:HG2	1:37:A:LEU:HG	7	0.12
(6,1720)	1:14:A:VAL:H	1:79:A:THR:HG21	7	0.12
(6,1720)	1:14:A:VAL:H	1:79:A:THR:HG22	7	0.12
(6,1720)	1:14:A:VAL:H	1:79:A:THR:HG23	7	0.12
(6,1707)	1:141:A:LYS:HA	1:145:A:PRO:HD3	14	0.12
(6,1707)	1:141:A:LYS:HA	1:145:A:PRO:HD3	16	0.12
(6,1704)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	14	0.12
(6,1704)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	14	0.12
(6,1704)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	16	0.12
(6,1704)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	16	0.12
(6,1690)	1:73:A:ILE:HG21	1:109:A:PRO:HA	13	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1690)	1:73:A:ILE:HG22	1:109:A:PRO:HA	13	0.12
(6,1690)	1:73:A:ILE:HG23	1:109:A:PRO:HA	13	0.12
(6,1671)	1:107:A:LEU:H	1:111:A:GLU:HB2	11	0.12
(6,1671)	1:107:A:LEU:H	1:111:A:GLU:HB3	11	0.12
(6,1620)	1:149:A:ALA:HB1	1:151:A:PHE:HA	16	0.12
(6,1620)	1:149:A:ALA:HB2	1:151:A:PHE:HA	16	0.12
(6,1620)	1:149:A:ALA:HB3	1:151:A:PHE:HA	16	0.12
(6,1606)	1:73:A:ILE:HG21	1:76:A:ARG:H	11	0.12
(6,1606)	1:73:A:ILE:HG22	1:76:A:ARG:H	11	0.12
(6,1606)	1:73:A:ILE:HG23	1:76:A:ARG:H	11	0.12
(6,1606)	1:73:A:ILE:HG21	1:76:A:ARG:H	14	0.12
(6,1606)	1:73:A:ILE:HG22	1:76:A:ARG:H	14	0.12
(6,1606)	1:73:A:ILE:HG23	1:76:A:ARG:H	14	0.12
(6,1605)	1:72:A:PHE:H	1:73:A:ILE:HG21	5	0.12
(6,1605)	1:72:A:PHE:H	1:73:A:ILE:HG22	5	0.12
(6,1605)	1:72:A:PHE:H	1:73:A:ILE:HG23	5	0.12
(6,1587)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	15	0.12
(6,1587)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	15	0.12
(6,1587)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	15	0.12
(6,1587)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	15	0.12
(6,1587)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	15	0.12
(6,1587)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	15	0.12
(6,1517)	1:69:A:MET:HE1	1:113:A:PHE:HD1	6	0.12
(6,1517)	1:69:A:MET:HE1	1:113:A:PHE:HD2	6	0.12
(6,1517)	1:69:A:MET:HE2	1:113:A:PHE:HD1	6	0.12
(6,1517)	1:69:A:MET:HE2	1:113:A:PHE:HD2	6	0.12
(6,1517)	1:69:A:MET:HE3	1:113:A:PHE:HD1	6	0.12
(6,1517)	1:69:A:MET:HE3	1:113:A:PHE:HD2	6	0.12
(6,1510)	1:11:A:ILE:HG21	1:43:A:MET:HE1	18	0.12
(6,1510)	1:11:A:ILE:HG21	1:43:A:MET:HE2	18	0.12
(6,1510)	1:11:A:ILE:HG21	1:43:A:MET:HE3	18	0.12
(6,1510)	1:11:A:ILE:HG22	1:43:A:MET:HE1	18	0.12
(6,1510)	1:11:A:ILE:HG22	1:43:A:MET:HE2	18	0.12
(6,1510)	1:11:A:ILE:HG22	1:43:A:MET:HE3	18	0.12
(6,1510)	1:11:A:ILE:HG23	1:43:A:MET:HE1	18	0.12
(6,1510)	1:11:A:ILE:HG23	1:43:A:MET:HE2	18	0.12
(6,1510)	1:11:A:ILE:HG23	1:43:A:MET:HE3	18	0.12
(6,1495)	1:47:A:ALA:HB1	1:48:A:ARG:HB2	19	0.12
(6,1495)	1:47:A:ALA:HB1	1:48:A:ARG:HB3	19	0.12
(6,1495)	1:47:A:ALA:HB2	1:48:A:ARG:HB2	19	0.12
(6,1495)	1:47:A:ALA:HB2	1:48:A:ARG:HB3	19	0.12
(6,1495)	1:47:A:ALA:HB3	1:48:A:ARG:HB2	19	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1495)	1:47:A:ALA:HB3	1:48:A:ARG:HB3	19	0.12
(6,1480)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	11	0.12
(6,1480)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	11	0.12
(6,1480)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	11	0.12
(6,1480)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	11	0.12
(6,1480)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	11	0.12
(6,1480)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	11	0.12
(6,1460)	1:95:A:ILE:HG21	1:96:A:VAL:H	6	0.12
(6,1460)	1:95:A:ILE:HG22	1:96:A:VAL:H	6	0.12
(6,1460)	1:95:A:ILE:HG23	1:96:A:VAL:H	6	0.12
(6,1428)	1:50:A:ALA:HB1	1:127:A:CYS:HA	18	0.12
(6,1428)	1:50:A:ALA:HB2	1:127:A:CYS:HA	18	0.12
(6,1428)	1:50:A:ALA:HB3	1:127:A:CYS:HA	18	0.12
(6,1414)	1:70:A:LYS:HA	1:73:A:ILE:HG21	13	0.12
(6,1414)	1:70:A:LYS:HA	1:73:A:ILE:HG22	13	0.12
(6,1414)	1:70:A:LYS:HA	1:73:A:ILE:HG23	13	0.12
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	1	0.12
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	1	0.12
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	1	0.12
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	1	0.12
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	1	0.12
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	1	0.12
(6,1337)	1:117:A:VAL:HG21	1:118:A:ASP:H	17	0.12
(6,1337)	1:117:A:VAL:HG22	1:118:A:ASP:H	17	0.12
(6,1337)	1:117:A:VAL:HG23	1:118:A:ASP:H	17	0.12
(6,1223)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	4	0.12
(6,1223)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	4	0.12
(6,1223)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	4	0.12
(6,1134)	1:80:A:TYR:HA	1:80:A:TYR:HE1	5	0.12
(6,1134)	1:80:A:TYR:HA	1:80:A:TYR:HE2	5	0.12
(6,1134)	1:80:A:TYR:HA	1:80:A:TYR:HE1	7	0.12
(6,1134)	1:80:A:TYR:HA	1:80:A:TYR:HE2	7	0.12
(6,1134)	1:80:A:TYR:HA	1:80:A:TYR:HE1	10	0.12
(6,1134)	1:80:A:TYR:HA	1:80:A:TYR:HE2	10	0.12
(6,1134)	1:80:A:TYR:HA	1:80:A:TYR:HE1	11	0.12
(6,1134)	1:80:A:TYR:HA	1:80:A:TYR:HE2	11	0.12
(6,1069)	1:108:A:GLU:HB2	1:109:A:PRO:HD3	6	0.12
(6,1069)	1:108:A:GLU:HB2	1:109:A:PRO:HD3	8	0.12
(6,1052)	1:140:A:LEU:H	1:140:A:LEU:HG	12	0.12
(6,1034)	1:110:A:MET:HE1	1:114:A:ILE:HG12	9	0.12
(6,1034)	1:110:A:MET:HE2	1:114:A:ILE:HG12	9	0.12
(6,1034)	1:110:A:MET:HE3	1:114:A:ILE:HG12	9	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1034)	1:110:A:MET:HE1	1:114:A:ILE:HG12	18	0.12
(6,1034)	1:110:A:MET:HE2	1:114:A:ILE:HG12	18	0.12
(6,1034)	1:110:A:MET:HE3	1:114:A:ILE:HG12	18	0.12
(6,1012)	1:41:A:LYS:HA	1:44:A:GLU:HB2	13	0.12
(6,1012)	1:41:A:LYS:HA	1:44:A:GLU:HB3	13	0.12
(6,1003)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	12	0.12
(6,1003)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	12	0.12
(6,1003)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	12	0.12
(6,1003)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	12	0.12
(6,963)	1:15:A:ALA:HB1	1:134:A:VAL:HB	19	0.12
(6,963)	1:15:A:ALA:HB2	1:134:A:VAL:HB	19	0.12
(6,963)	1:15:A:ALA:HB3	1:134:A:VAL:HB	19	0.12
(6,954)	1:43:A:MET:HB3	1:140:A:LEU:HD11	19	0.12
(6,954)	1:43:A:MET:HB3	1:140:A:LEU:HD12	19	0.12
(6,954)	1:43:A:MET:HB3	1:140:A:LEU:HD13	19	0.12
(6,934)	1:67:A:PRO:HA	1:70:A:LYS:HB2	16	0.12
(6,934)	1:67:A:PRO:HA	1:70:A:LYS:HB3	16	0.12
(6,919)	1:81:A:GLU:HA	1:81:A:GLU:HG2	2	0.12
(6,919)	1:81:A:GLU:HA	1:81:A:GLU:HG3	2	0.12
(6,919)	1:81:A:GLU:HA	1:81:A:GLU:HG2	3	0.12
(6,919)	1:81:A:GLU:HA	1:81:A:GLU:HG3	3	0.12
(6,919)	1:81:A:GLU:HA	1:81:A:GLU:HG2	14	0.12
(6,919)	1:81:A:GLU:HA	1:81:A:GLU:HG3	14	0.12
(6,842)	1:142:A:LYS:HE2	1:143:A:TRP:HD1	17	0.12
(6,842)	1:142:A:LYS:HE3	1:143:A:TRP:HD1	17	0.12
(6,840)	1:60:A:LEU:HB3	1:63:A:ILE:HG13	19	0.12
(6,833)	1:48:A:ARG:HA	1:48:A:ARG:HD2	18	0.12
(6,833)	1:48:A:ARG:HA	1:48:A:ARG:HD3	18	0.12
(6,814)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	19	0.12
(6,814)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	19	0.12
(6,814)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	19	0.12
(6,809)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	17	0.12
(6,809)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	17	0.12
(6,809)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	17	0.12
(6,798)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	19	0.12
(6,798)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	19	0.12
(6,798)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	19	0.12
(6,798)	1:8:A:ASP:HB2	1:58:A:ILE:HD11	19	0.12
(6,798)	1:8:A:ASP:HB2	1:58:A:ILE:HD12	19	0.12
(6,798)	1:8:A:ASP:HB2	1:58:A:ILE:HD13	19	0.12
(6,794)	1:54:A:ARG:HE	1:58:A:ILE:HD11	2	0.12
(6,794)	1:54:A:ARG:HE	1:58:A:ILE:HD12	2	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,794)	1:54:A:ARG:HE	1:58:A:ILE:HD13	2	0.12
(6,787)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	7	0.12
(6,787)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	7	0.12
(6,787)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	7	0.12
(6,787)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	7	0.12
(6,787)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	7	0.12
(6,787)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	7	0.12
(6,768)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	8	0.12
(6,768)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	8	0.12
(6,768)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	8	0.12
(6,768)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	8	0.12
(6,768)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	8	0.12
(6,768)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	8	0.12
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	11	0.12
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	11	0.12
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	11	0.12
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	11	0.12
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	11	0.12
(6,693)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	11	0.12
(6,668)	1:124:A:THR:H	1:126:A:GLY:H	16	0.12
(6,668)	1:124:A:THR:H	1:126:A:GLY:H	19	0.12
(6,664)	1:63:A:ILE:HG12	1:117:A:VAL:H	17	0.12
(6,584)	1:74:A:PRO:HD2	1:75:A:GLY:H	11	0.12
(6,538)	1:60:A:LEU:HD11	1:61:A:SER:H	18	0.12
(6,538)	1:60:A:LEU:HD12	1:61:A:SER:H	18	0.12
(6,538)	1:60:A:LEU:HD13	1:61:A:SER:H	18	0.12
(6,521)	1:74:A:PRO:HA	1:77:A:CYS:H	16	0.12
(6,490)	1:8:A:ASP:HB2	1:9:A:PHE:H	4	0.12
(6,371)	1:40:A:LEU:HB2	1:41:A:LYS:H	1	0.12
(6,357)	1:101:A:ILE:HG21	1:104:A:PHE:H	19	0.12
(6,357)	1:101:A:ILE:HG22	1:104:A:PHE:H	19	0.12
(6,357)	1:101:A:ILE:HG23	1:104:A:PHE:H	19	0.12
(6,349)	1:104:A:PHE:H	1:106:A:ASP:H	16	0.12
(6,321)	1:46:A:ASN:H	1:49:A:LYS:HB2	14	0.12
(6,321)	1:46:A:ASN:H	1:49:A:LYS:HB3	14	0.12
(6,293)	1:140:A:LEU:H	1:140:A:LEU:HD11	1	0.12
(6,293)	1:140:A:LEU:H	1:140:A:LEU:HD12	1	0.12
(6,293)	1:140:A:LEU:H	1:140:A:LEU:HD13	1	0.12
(6,187)	1:60:A:LEU:H	1:63:A:ILE:HD11	17	0.12
(6,187)	1:60:A:LEU:H	1:63:A:ILE:HD12	17	0.12
(6,187)	1:60:A:LEU:H	1:63:A:ILE:HD13	17	0.12
(6,157)	1:127:A:CYS:H	1:128:A:LEU:HB2	7	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,114)	1:80:A:TYR:H	1:81:A:GLU:HG2	4	0.12
(6,114)	1:80:A:TYR:H	1:81:A:GLU:HG3	4	0.12
(6,103)	1:67:A:PRO:HD2	1:69:A:MET:H	11	0.12
(6,96)	1:60:A:LEU:HA	1:63:A:ILE:H	19	0.12
(6,68)	1:13:A:ALA:HB1	1:81:A:GLU:H	12	0.12
(6,68)	1:13:A:ALA:HB2	1:81:A:GLU:H	12	0.12
(6,68)	1:13:A:ALA:HB3	1:81:A:GLU:H	12	0.12
(6,43)	1:44:A:GLU:HG3	1:47:A:ALA:H	19	0.12
(5,2445)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.12
(5,2445)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.12
(5,2445)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.12
(5,2445)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.12
(5,2445)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.12
(5,2445)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.12
(5,2445)	1:139:A:LEU:HD11	1:144:A:LEU:H	6	0.12
(5,2445)	1:139:A:LEU:HD12	1:144:A:LEU:H	6	0.12
(5,2445)	1:139:A:LEU:HD13	1:144:A:LEU:H	6	0.12
(5,2445)	1:139:A:LEU:HD21	1:144:A:LEU:H	6	0.12
(5,2445)	1:139:A:LEU:HD22	1:144:A:LEU:H	6	0.12
(5,2445)	1:139:A:LEU:HD23	1:144:A:LEU:H	6	0.12
(5,2374)	1:121:A:VAL:H	1:122:A:ASP:HB2	4	0.12
(5,2374)	1:121:A:VAL:H	1:122:A:ASP:HB3	4	0.12
(5,2330)	1:107:A:LEU:HD11	1:112:A:GLN:H	3	0.12
(5,2330)	1:107:A:LEU:HD12	1:112:A:GLN:H	3	0.12
(5,2330)	1:107:A:LEU:HD13	1:112:A:GLN:H	3	0.12
(5,2330)	1:107:A:LEU:HD21	1:112:A:GLN:H	3	0.12
(5,2330)	1:107:A:LEU:HD22	1:112:A:GLN:H	3	0.12
(5,2330)	1:107:A:LEU:HD23	1:112:A:GLN:H	3	0.12
(5,2284)	1:96:A:VAL:HG11	1:97:A:ASP:H	16	0.12
(5,2284)	1:96:A:VAL:HG12	1:97:A:ASP:H	16	0.12
(5,2284)	1:96:A:VAL:HG13	1:97:A:ASP:H	16	0.12
(5,2284)	1:96:A:VAL:HG21	1:97:A:ASP:H	16	0.12
(5,2284)	1:96:A:VAL:HG22	1:97:A:ASP:H	16	0.12
(5,2284)	1:96:A:VAL:HG23	1:97:A:ASP:H	16	0.12
(5,2232)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	1	0.12
(5,2232)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	1	0.12
(5,2202)	1:60:A:LEU:HD11	1:120:A:CYS:HA	18	0.12
(5,2202)	1:60:A:LEU:HD12	1:120:A:CYS:HA	18	0.12
(5,2202)	1:60:A:LEU:HD13	1:120:A:CYS:HA	18	0.12
(5,2202)	1:60:A:LEU:HD21	1:120:A:CYS:HA	18	0.12
(5,2202)	1:60:A:LEU:HD22	1:120:A:CYS:HA	18	0.12
(5,2202)	1:60:A:LEU:HD23	1:120:A:CYS:HA	18	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2099)	1:39:A:VAL:HG11	1:43:A:MET:H	1	0.12
(5,2099)	1:39:A:VAL:HG12	1:43:A:MET:H	1	0.12
(5,2099)	1:39:A:VAL:HG13	1:43:A:MET:H	1	0.12
(5,2099)	1:39:A:VAL:HG21	1:43:A:MET:H	1	0.12
(5,2099)	1:39:A:VAL:HG22	1:43:A:MET:H	1	0.12
(5,2099)	1:39:A:VAL:HG23	1:43:A:MET:H	1	0.12
(5,2099)	1:39:A:VAL:HG11	1:43:A:MET:H	14	0.12
(5,2099)	1:39:A:VAL:HG12	1:43:A:MET:H	14	0.12
(5,2099)	1:39:A:VAL:HG13	1:43:A:MET:H	14	0.12
(5,2099)	1:39:A:VAL:HG21	1:43:A:MET:H	14	0.12
(5,2099)	1:39:A:VAL:HG22	1:43:A:MET:H	14	0.12
(5,2099)	1:39:A:VAL:HG23	1:43:A:MET:H	14	0.12
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD11	8	0.12
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD12	8	0.12
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD13	8	0.12
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD21	8	0.12
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD22	8	0.12
(5,2086)	1:39:A:VAL:H	1:40:A:LEU:HD23	8	0.12
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	11	0.12
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	11	0.12
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	11	0.12
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	11	0.12
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	11	0.12
(5,2022)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	11	0.12
(5,2019)	1:18:A:PHE:HE1	1:131:A:LEU:HB2	9	0.12
(5,2019)	1:18:A:PHE:HE1	1:131:A:LEU:HB3	9	0.12
(5,2019)	1:18:A:PHE:HE2	1:131:A:LEU:HB2	9	0.12
(5,2019)	1:18:A:PHE:HE2	1:131:A:LEU:HB3	9	0.12
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	8	0.12
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	8	0.12
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	8	0.12
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	8	0.12
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	8	0.12
(5,2014)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	8	0.12
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	8	0.12
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	8	0.12
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	8	0.12
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	8	0.12
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	8	0.12
(5,2014)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	8	0.12
(5,1935)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	18	0.12
(5,1931)	1:80:A:TYR:HE1	1:81:A:GLU:H	8	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1931)	1:80:A:TYR:HE2	1:81:A:GLU:H	8	0.12
(5,1906)	1:68:A:LYS:HA	1:72:A:PHE:HE1	12	0.12
(5,1906)	1:68:A:LYS:HA	1:72:A:PHE:HE2	12	0.12
(5,1902)	1:71:A:LYS:HA	1:72:A:PHE:HD1	5	0.12
(5,1902)	1:71:A:LYS:HA	1:72:A:PHE:HD2	5	0.12
(5,1892)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	3	0.12
(5,1892)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	3	0.12
(5,1891)	1:113:A:PHE:HE1	1:114:A:ILE:HA	14	0.12
(5,1891)	1:113:A:PHE:HE2	1:114:A:ILE:HA	14	0.12
(5,1852)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	15	0.12
(5,1852)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	15	0.12
(5,1810)	1:80:A:TYR:HD1	1:81:A:GLU:HA	4	0.12
(5,1810)	1:80:A:TYR:HD2	1:81:A:GLU:HA	4	0.12
(5,1779)	1:36:A:PRO:HG2	1:37:A:LEU:HG	7	0.12
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG21	8	0.12
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG22	8	0.12
(5,1745)	1:19:A:ALA:HB1	1:20:A:THR:HG23	8	0.12
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG21	8	0.12
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG22	8	0.12
(5,1745)	1:19:A:ALA:HB2	1:20:A:THR:HG23	8	0.12
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG21	8	0.12
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG22	8	0.12
(5,1745)	1:19:A:ALA:HB3	1:20:A:THR:HG23	8	0.12
(5,1711)	1:73:A:ILE:HG21	1:109:A:PRO:HA	13	0.12
(5,1711)	1:73:A:ILE:HG22	1:109:A:PRO:HA	13	0.12
(5,1711)	1:73:A:ILE:HG23	1:109:A:PRO:HA	13	0.12
(5,1707)	1:69:A:MET:HG3	1:109:A:PRO:HA	5	0.12
(5,1676)	1:69:A:MET:HA	1:69:A:MET:HE1	6	0.12
(5,1676)	1:69:A:MET:HA	1:69:A:MET:HE2	6	0.12
(5,1676)	1:69:A:MET:HA	1:69:A:MET:HE3	6	0.12
(5,1667)	1:131:A:LEU:H	1:134:A:VAL:HG11	8	0.12
(5,1667)	1:131:A:LEU:H	1:134:A:VAL:HG12	8	0.12
(5,1667)	1:131:A:LEU:H	1:134:A:VAL:HG13	8	0.12
(5,1667)	1:131:A:LEU:H	1:134:A:VAL:HG11	12	0.12
(5,1667)	1:131:A:LEU:H	1:134:A:VAL:HG12	12	0.12
(5,1667)	1:131:A:LEU:H	1:134:A:VAL:HG13	12	0.12
(5,1636)	1:149:A:ALA:HB1	1:151:A:PHE:HA	16	0.12
(5,1636)	1:149:A:ALA:HB2	1:151:A:PHE:HA	16	0.12
(5,1636)	1:149:A:ALA:HB3	1:151:A:PHE:HA	16	0.12
(5,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	11	0.12
(5,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	11	0.12
(5,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	11	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	14	0.12
(5,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	14	0.12
(5,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	14	0.12
(5,1620)	1:72:A:PHE:H	1:73:A:ILE:HG21	5	0.12
(5,1620)	1:72:A:PHE:H	1:73:A:ILE:HG22	5	0.12
(5,1620)	1:72:A:PHE:H	1:73:A:ILE:HG23	5	0.12
(5,1613)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	13	0.12
(5,1613)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	13	0.12
(5,1613)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	13	0.12
(5,1592)	1:63:A:ILE:HD11	1:113:A:PHE:HA	11	0.12
(5,1592)	1:63:A:ILE:HD12	1:113:A:PHE:HA	11	0.12
(5,1592)	1:63:A:ILE:HD13	1:113:A:PHE:HA	11	0.12
(5,1537)	1:69:A:MET:HE1	1:113:A:PHE:HD1	6	0.12
(5,1537)	1:69:A:MET:HE1	1:113:A:PHE:HD2	6	0.12
(5,1537)	1:69:A:MET:HE2	1:113:A:PHE:HD1	6	0.12
(5,1537)	1:69:A:MET:HE2	1:113:A:PHE:HD2	6	0.12
(5,1537)	1:69:A:MET:HE3	1:113:A:PHE:HD1	6	0.12
(5,1537)	1:69:A:MET:HE3	1:113:A:PHE:HD2	6	0.12
(5,1509)	1:114:A:ILE:HG21	1:117:A:VAL:H	1	0.12
(5,1509)	1:114:A:ILE:HG22	1:117:A:VAL:H	1	0.12
(5,1509)	1:114:A:ILE:HG23	1:117:A:VAL:H	1	0.12
(5,1496)	1:101:A:ILE:HG21	1:116:A:GLN:H	4	0.12
(5,1496)	1:101:A:ILE:HG22	1:116:A:GLN:H	4	0.12
(5,1496)	1:101:A:ILE:HG23	1:116:A:GLN:H	4	0.12
(5,1496)	1:101:A:ILE:HG21	1:116:A:GLN:H	9	0.12
(5,1496)	1:101:A:ILE:HG22	1:116:A:GLN:H	9	0.12
(5,1496)	1:101:A:ILE:HG23	1:116:A:GLN:H	9	0.12
(5,1496)	1:101:A:ILE:HG21	1:116:A:GLN:H	13	0.12
(5,1496)	1:101:A:ILE:HG22	1:116:A:GLN:H	13	0.12
(5,1496)	1:101:A:ILE:HG23	1:116:A:GLN:H	13	0.12
(5,1484)	1:95:A:ILE:HG21	1:96:A:VAL:H	6	0.12
(5,1484)	1:95:A:ILE:HG22	1:96:A:VAL:H	6	0.12
(5,1484)	1:95:A:ILE:HG23	1:96:A:VAL:H	6	0.12
(5,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	14	0.12
(5,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	14	0.12
(5,1476)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	14	0.12
(5,1449)	1:120:A:CYS:HA	1:121:A:VAL:HG21	12	0.12
(5,1449)	1:120:A:CYS:HA	1:121:A:VAL:HG22	12	0.12
(5,1449)	1:120:A:CYS:HA	1:121:A:VAL:HG23	12	0.12
(5,1437)	1:70:A:LYS:HA	1:73:A:ILE:HG21	13	0.12
(5,1437)	1:70:A:LYS:HA	1:73:A:ILE:HG22	13	0.12
(5,1437)	1:70:A:LYS:HA	1:73:A:ILE:HG23	13	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1421)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	19	0.12
(5,1421)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	19	0.12
(5,1421)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	19	0.12
(5,1421)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	19	0.12
(5,1421)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	19	0.12
(5,1421)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	19	0.12
(5,1421)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	19	0.12
(5,1421)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	19	0.12
(5,1421)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	19	0.12
(5,1292)	1:45:A:ALA:HA	1:48:A:ARG:HG2	3	0.12
(5,1292)	1:45:A:ALA:HA	1:48:A:ARG:HG3	3	0.12
(5,1290)	1:44:A:GLU:HB2	1:45:A:ALA:HA	18	0.12
(5,1290)	1:44:A:GLU:HB3	1:45:A:ALA:HA	18	0.12
(5,1264)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	1	0.12
(5,1264)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	1	0.12
(5,1264)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	1	0.12
(5,1264)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	1	0.12
(5,1264)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	1	0.12
(5,1264)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	1	0.12
(5,1264)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	1	0.12
(5,1264)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	1	0.12
(5,1264)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	1	0.12
(5,1244)	1:139:A:LEU:H	1:139:A:LEU:HD21	19	0.12
(5,1244)	1:139:A:LEU:H	1:139:A:LEU:HD22	19	0.12
(5,1244)	1:139:A:LEU:H	1:139:A:LEU:HD23	19	0.12
(5,1204)	1:104:A:PHE:HA	1:107:A:LEU:HD21	11	0.12
(5,1204)	1:104:A:PHE:HA	1:107:A:LEU:HD22	11	0.12
(5,1204)	1:104:A:PHE:HA	1:107:A:LEU:HD23	11	0.12
(5,1131)	1:143:A:TRP:HA	1:143:A:TRP:HE3	15	0.12
(5,1059)	1:72:A:PHE:HA	1:109:A:PRO:HB2	9	0.12
(5,1059)	1:72:A:PHE:HA	1:109:A:PRO:HB3	9	0.12
(5,1058)	1:110:A:MET:HE1	1:114:A:ILE:HG12	9	0.12
(5,1058)	1:110:A:MET:HE2	1:114:A:ILE:HG12	9	0.12
(5,1058)	1:110:A:MET:HE3	1:114:A:ILE:HG12	9	0.12
(5,1058)	1:110:A:MET:HE1	1:114:A:ILE:HG12	18	0.12
(5,1058)	1:110:A:MET:HE2	1:114:A:ILE:HG12	18	0.12
(5,1058)	1:110:A:MET:HE3	1:114:A:ILE:HG12	18	0.12
(5,1037)	1:41:A:LYS:HA	1:44:A:GLU:HB2	13	0.12
(5,1037)	1:41:A:LYS:HA	1:44:A:GLU:HB3	13	0.12
(5,953)	1:40:A:LEU:HA	1:43:A:MET:HG2	14	0.12
(5,945)	1:14:A:VAL:HA	1:18:A:PHE:HD1	17	0.12
(5,945)	1:14:A:VAL:HA	1:18:A:PHE:HD2	17	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,933)	1:79:A:THR:HG21	1:81:A:GLU:HG2	8	0.12
(5,933)	1:79:A:THR:HG21	1:81:A:GLU:HG3	8	0.12
(5,933)	1:79:A:THR:HG22	1:81:A:GLU:HG2	8	0.12
(5,933)	1:79:A:THR:HG22	1:81:A:GLU:HG3	8	0.12
(5,933)	1:79:A:THR:HG23	1:81:A:GLU:HG2	8	0.12
(5,933)	1:79:A:THR:HG23	1:81:A:GLU:HG3	8	0.12
(5,928)	1:80:A:TYR:HB2	1:81:A:GLU:HG2	17	0.12
(5,928)	1:80:A:TYR:HB2	1:81:A:GLU:HG3	17	0.12
(5,862)	1:60:A:LEU:HB3	1:61:A:SER:H	15	0.12
(5,859)	1:39:A:VAL:H	1:139:A:LEU:HB2	5	0.12
(5,859)	1:39:A:VAL:H	1:139:A:LEU:HB3	5	0.12
(5,840)	1:48:A:ARG:HA	1:48:A:ARG:HD2	18	0.12
(5,840)	1:48:A:ARG:HA	1:48:A:ARG:HD3	18	0.12
(5,802)	1:58:A:ILE:HA	1:58:A:ILE:HD11	5	0.12
(5,802)	1:58:A:ILE:HA	1:58:A:ILE:HD12	5	0.12
(5,802)	1:58:A:ILE:HA	1:58:A:ILE:HD13	5	0.12
(5,788)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	1	0.12
(5,788)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	1	0.12
(5,788)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	1	0.12
(5,788)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	1	0.12
(5,788)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	1	0.12
(5,788)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	1	0.12
(5,774)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	8	0.12
(5,774)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	8	0.12
(5,774)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	8	0.12
(5,774)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	8	0.12
(5,774)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	8	0.12
(5,774)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	8	0.12
(5,747)	1:147:A:ARG:HA	1:147:A:ARG:HE	11	0.12
(5,745)	1:103:A:ARG:HB2	1:103:A:ARG:HE	16	0.12
(5,745)	1:103:A:ARG:HB3	1:103:A:ARG:HE	16	0.12
(5,670)	1:63:A:ILE:HG12	1:117:A:VAL:H	15	0.12
(5,630)	1:9:A:PHE:HE1	1:15:A:ALA:H	1	0.12
(5,630)	1:9:A:PHE:HE2	1:15:A:ALA:H	1	0.12
(5,578)	1:124:A:THR:HG1	1:126:A:GLY:H	17	0.12
(5,576)	1:116:A:GLN:HB2	1:116:A:GLN:HE22	4	0.12
(5,576)	1:116:A:GLN:HB3	1:116:A:GLN:HE22	4	0.12
(5,576)	1:116:A:GLN:HB2	1:116:A:GLN:HE22	5	0.12
(5,576)	1:116:A:GLN:HB3	1:116:A:GLN:HE22	5	0.12
(5,576)	1:116:A:GLN:HB2	1:116:A:GLN:HE22	8	0.12
(5,576)	1:116:A:GLN:HB3	1:116:A:GLN:HE22	8	0.12
(5,545)	1:73:A:ILE:HD11	1:110:A:MET:H	11	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,545)	1:73:A:ILE:HD12	1:110:A:MET:H	11	0.12
(5,545)	1:73:A:ILE:HD13	1:110:A:MET:H	11	0.12
(5,483)	1:8:A:ASP:HB2	1:9:A:PHE:H	4	0.12
(5,353)	1:101:A:ILE:HG21	1:104:A:PHE:H	19	0.12
(5,353)	1:101:A:ILE:HG22	1:104:A:PHE:H	19	0.12
(5,353)	1:101:A:ILE:HG23	1:104:A:PHE:H	19	0.12
(5,345)	1:104:A:PHE:H	1:106:A:ASP:H	16	0.12
(5,320)	1:140:A:LEU:H	1:140:A:LEU:HG	3	0.12
(5,320)	1:140:A:LEU:H	1:140:A:LEU:HG	6	0.12
(5,320)	1:140:A:LEU:H	1:140:A:LEU:HG	11	0.12
(5,320)	1:140:A:LEU:H	1:140:A:LEU:HG	14	0.12
(5,320)	1:140:A:LEU:H	1:140:A:LEU:HG	16	0.12
(5,287)	1:121:A:VAL:H	1:123:A:CYS:H	15	0.12
(5,244)	1:110:A:MET:H	1:113:A:PHE:H	5	0.12
(5,237)	1:23:A:LEU:HB2	1:24:A:ASP:H	3	0.12
(5,237)	1:23:A:LEU:HB3	1:24:A:ASP:H	3	0.12
(5,237)	1:23:A:LEU:HB2	1:24:A:ASP:H	17	0.12
(5,237)	1:23:A:LEU:HB3	1:24:A:ASP:H	17	0.12
(5,217)	1:9:A:PHE:HE1	1:10:A:ASN:H	11	0.12
(5,217)	1:9:A:PHE:HE2	1:10:A:ASN:H	11	0.12
(5,152)	1:127:A:CYS:H	1:128:A:LEU:HB2	7	0.12
(5,91)	1:60:A:LEU:HA	1:63:A:ILE:H	19	0.12
(5,54)	1:24:A:ASP:HB2	1:25:A:ALA:H	2	0.12
(5,54)	1:24:A:ASP:HB3	1:25:A:ALA:H	2	0.12
(5,54)	1:24:A:ASP:HB2	1:25:A:ALA:H	12	0.12
(5,54)	1:24:A:ASP:HB3	1:25:A:ALA:H	12	0.12
(4,2456)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.12
(4,2456)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.12
(4,2456)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.12
(4,2456)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.12
(4,2456)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.12
(4,2456)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.12
(4,2456)	1:139:A:LEU:HD11	1:144:A:LEU:H	6	0.12
(4,2456)	1:139:A:LEU:HD12	1:144:A:LEU:H	6	0.12
(4,2456)	1:139:A:LEU:HD13	1:144:A:LEU:H	6	0.12
(4,2456)	1:139:A:LEU:HD21	1:144:A:LEU:H	6	0.12
(4,2456)	1:139:A:LEU:HD22	1:144:A:LEU:H	6	0.12
(4,2456)	1:139:A:LEU:HD23	1:144:A:LEU:H	6	0.12
(4,2414)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	19	0.12
(4,2414)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	19	0.12
(4,2239)	1:69:A:MET:HE1	1:116:A:GLN:HE21	6	0.12
(4,2239)	1:69:A:MET:HE1	1:116:A:GLN:HE22	6	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2239)	1:69:A:MET:HE2	1:116:A:GLN:HE21	6	0.12
(4,2239)	1:69:A:MET:HE2	1:116:A:GLN:HE22	6	0.12
(4,2239)	1:69:A:MET:HE3	1:116:A:GLN:HE21	6	0.12
(4,2239)	1:69:A:MET:HE3	1:116:A:GLN:HE22	6	0.12
(4,2237)	1:69:A:MET:HG2	1:109:A:PRO:HA	3	0.12
(4,2237)	1:69:A:MET:HG3	1:109:A:PRO:HA	3	0.12
(4,2222)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	9	0.12
(4,2222)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	9	0.12
(4,2222)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	9	0.12
(4,2222)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	9	0.12
(4,2117)	1:40:A:LEU:HA	1:40:A:LEU:HD11	4	0.12
(4,2117)	1:40:A:LEU:HA	1:40:A:LEU:HD12	4	0.12
(4,2117)	1:40:A:LEU:HA	1:40:A:LEU:HD13	4	0.12
(4,2117)	1:40:A:LEU:HA	1:40:A:LEU:HD21	4	0.12
(4,2117)	1:40:A:LEU:HA	1:40:A:LEU:HD22	4	0.12
(4,2117)	1:40:A:LEU:HA	1:40:A:LEU:HD23	4	0.12
(4,2104)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	7	0.12
(4,2104)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	7	0.12
(4,2104)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	7	0.12
(4,2104)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	7	0.12
(4,2104)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	7	0.12
(4,2104)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	7	0.12
(4,2104)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	7	0.12
(4,2104)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	7	0.12
(4,2104)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	7	0.12
(4,2104)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	7	0.12
(4,2104)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	7	0.12
(4,2104)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	7	0.12
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD11	14	0.12
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD12	14	0.12
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD13	14	0.12
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD21	14	0.12
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD22	14	0.12
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD23	14	0.12
(4,2073)	1:35:A:LEU:HD11	1:39:A:VAL:HB	7	0.12
(4,2073)	1:35:A:LEU:HD12	1:39:A:VAL:HB	7	0.12
(4,2073)	1:35:A:LEU:HD13	1:39:A:VAL:HB	7	0.12
(4,2073)	1:35:A:LEU:HD21	1:39:A:VAL:HB	7	0.12
(4,2073)	1:35:A:LEU:HD22	1:39:A:VAL:HB	7	0.12
(4,2073)	1:35:A:LEU:HD23	1:39:A:VAL:HB	7	0.12
(4,2037)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	3	0.12
(4,2037)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	3	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2037)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	3	0.12
(4,2037)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	3	0.12
(4,2037)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	3	0.12
(4,2037)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	3	0.12
(4,2037)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	3	0.12
(4,2037)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	3	0.12
(4,2037)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	3	0.12
(4,2037)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	3	0.12
(4,2037)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	3	0.12
(4,2037)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	3	0.12
(4,1961)	1:12:A:VAL:HG11	1:40:A:LEU:HA	18	0.12
(4,1961)	1:12:A:VAL:HG12	1:40:A:LEU:HA	18	0.12
(4,1961)	1:12:A:VAL:HG13	1:40:A:LEU:HA	18	0.12
(4,1961)	1:12:A:VAL:HG21	1:40:A:LEU:HA	18	0.12
(4,1961)	1:12:A:VAL:HG22	1:40:A:LEU:HA	18	0.12
(4,1961)	1:12:A:VAL:HG23	1:40:A:LEU:HA	18	0.12
(4,1894)	1:140:A:LEU:HA	1:143:A:TRP:HD1	2	0.12
(4,1884)	1:80:A:TYR:HE1	1:81:A:GLU:H	8	0.12
(4,1884)	1:80:A:TYR:HE2	1:81:A:GLU:H	8	0.12
(4,1853)	1:71:A:LYS:HA	1:72:A:PHE:HD1	5	0.12
(4,1853)	1:71:A:LYS:HA	1:72:A:PHE:HD2	5	0.12
(4,1806)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	4	0.12
(4,1806)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	4	0.12
(4,1735)	1:36:A:PRO:HG2	1:37:A:LEU:HG	7	0.12
(4,1721)	1:31:A:PRO:HB2	1:35:A:LEU:HA	19	0.12
(4,1721)	1:31:A:PRO:HB3	1:35:A:LEU:HA	19	0.12
(4,1698)	1:14:A:VAL:H	1:79:A:THR:HG21	7	0.12
(4,1698)	1:14:A:VAL:H	1:79:A:THR:HG22	7	0.12
(4,1698)	1:14:A:VAL:H	1:79:A:THR:HG23	7	0.12
(4,1668)	1:73:A:ILE:HG21	1:109:A:PRO:HA	13	0.12
(4,1668)	1:73:A:ILE:HG22	1:109:A:PRO:HA	13	0.12
(4,1668)	1:73:A:ILE:HG23	1:109:A:PRO:HA	13	0.12
(4,1655)	1:125:A:THR:HA	1:128:A:LEU:HA	19	0.12
(4,1647)	1:107:A:LEU:H	1:111:A:GLU:HB2	11	0.12
(4,1647)	1:107:A:LEU:H	1:111:A:GLU:HB3	11	0.12
(4,1624)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	12	0.12
(4,1624)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	12	0.12
(4,1624)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	12	0.12
(4,1600)	1:149:A:ALA:HB1	1:151:A:PHE:HA	16	0.12
(4,1600)	1:149:A:ALA:HB2	1:151:A:PHE:HA	16	0.12
(4,1600)	1:149:A:ALA:HB3	1:151:A:PHE:HA	16	0.12
(4,1585)	1:72:A:PHE:H	1:73:A:ILE:HG21	5	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1585)	1:72:A:PHE:H	1:73:A:ILE:HG22	5	0.12
(4,1585)	1:72:A:PHE:H	1:73:A:ILE:HG23	5	0.12
(4,1568)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	15	0.12
(4,1568)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	15	0.12
(4,1568)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	15	0.12
(4,1568)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	15	0.12
(4,1568)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	15	0.12
(4,1568)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	15	0.12
(4,1503)	1:69:A:MET:HE1	1:113:A:PHE:HD1	6	0.12
(4,1503)	1:69:A:MET:HE1	1:113:A:PHE:HD2	6	0.12
(4,1503)	1:69:A:MET:HE2	1:113:A:PHE:HD1	6	0.12
(4,1503)	1:69:A:MET:HE2	1:113:A:PHE:HD2	6	0.12
(4,1503)	1:69:A:MET:HE3	1:113:A:PHE:HD1	6	0.12
(4,1503)	1:69:A:MET:HE3	1:113:A:PHE:HD2	6	0.12
(4,1502)	1:110:A:MET:HE1	1:113:A:PHE:HE1	14	0.12
(4,1502)	1:110:A:MET:HE1	1:113:A:PHE:HE2	14	0.12
(4,1502)	1:110:A:MET:HE2	1:113:A:PHE:HE1	14	0.12
(4,1502)	1:110:A:MET:HE2	1:113:A:PHE:HE2	14	0.12
(4,1502)	1:110:A:MET:HE3	1:113:A:PHE:HE1	14	0.12
(4,1502)	1:110:A:MET:HE3	1:113:A:PHE:HE2	14	0.12
(4,1494)	1:11:A:ILE:HG21	1:43:A:MET:HE1	18	0.12
(4,1494)	1:11:A:ILE:HG21	1:43:A:MET:HE2	18	0.12
(4,1494)	1:11:A:ILE:HG21	1:43:A:MET:HE3	18	0.12
(4,1494)	1:11:A:ILE:HG22	1:43:A:MET:HE1	18	0.12
(4,1494)	1:11:A:ILE:HG22	1:43:A:MET:HE2	18	0.12
(4,1494)	1:11:A:ILE:HG22	1:43:A:MET:HE3	18	0.12
(4,1494)	1:11:A:ILE:HG23	1:43:A:MET:HE1	18	0.12
(4,1494)	1:11:A:ILE:HG23	1:43:A:MET:HE2	18	0.12
(4,1494)	1:11:A:ILE:HG23	1:43:A:MET:HE3	18	0.12
(4,1483)	1:43:A:MET:HE1	1:46:A:ASN:HD22	6	0.12
(4,1483)	1:43:A:MET:HE2	1:46:A:ASN:HD22	6	0.12
(4,1483)	1:43:A:MET:HE3	1:46:A:ASN:HD22	6	0.12
(4,1479)	1:47:A:ALA:HB1	1:48:A:ARG:HB2	19	0.12
(4,1479)	1:47:A:ALA:HB1	1:48:A:ARG:HB3	19	0.12
(4,1479)	1:47:A:ALA:HB2	1:48:A:ARG:HB2	19	0.12
(4,1479)	1:47:A:ALA:HB2	1:48:A:ARG:HB3	19	0.12
(4,1479)	1:47:A:ALA:HB3	1:48:A:ARG:HB2	19	0.12
(4,1479)	1:47:A:ALA:HB3	1:48:A:ARG:HB3	19	0.12
(4,1472)	1:114:A:ILE:HG21	1:117:A:VAL:H	1	0.12
(4,1472)	1:114:A:ILE:HG22	1:117:A:VAL:H	1	0.12
(4,1472)	1:114:A:ILE:HG23	1:117:A:VAL:H	1	0.12
(4,1461)	1:101:A:ILE:HG21	1:116:A:GLN:H	4	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1461)	1:101:A:ILE:HG22	1:116:A:GLN:H	4	0.12
(4,1461)	1:101:A:ILE:HG23	1:116:A:GLN:H	4	0.12
(4,1461)	1:101:A:ILE:HG21	1:116:A:GLN:H	9	0.12
(4,1461)	1:101:A:ILE:HG22	1:116:A:GLN:H	9	0.12
(4,1461)	1:101:A:ILE:HG23	1:116:A:GLN:H	9	0.12
(4,1461)	1:101:A:ILE:HG21	1:116:A:GLN:H	13	0.12
(4,1461)	1:101:A:ILE:HG22	1:116:A:GLN:H	13	0.12
(4,1461)	1:101:A:ILE:HG23	1:116:A:GLN:H	13	0.12
(4,1457)	1:101:A:ILE:HG21	1:115:A:ALA:H	1	0.12
(4,1457)	1:101:A:ILE:HG22	1:115:A:ALA:H	1	0.12
(4,1457)	1:101:A:ILE:HG23	1:115:A:ALA:H	1	0.12
(4,1448)	1:95:A:ILE:HG21	1:96:A:VAL:H	6	0.12
(4,1448)	1:95:A:ILE:HG22	1:96:A:VAL:H	6	0.12
(4,1448)	1:95:A:ILE:HG23	1:96:A:VAL:H	6	0.12
(4,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	4	0.12
(4,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	4	0.12
(4,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	4	0.12
(4,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	4	0.12
(4,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	4	0.12
(4,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	4	0.12
(4,1318)	1:131:A:LEU:H	1:131:A:LEU:HD21	10	0.12
(4,1318)	1:131:A:LEU:H	1:131:A:LEU:HD22	10	0.12
(4,1318)	1:131:A:LEU:H	1:131:A:LEU:HD23	10	0.12
(4,1267)	1:66:A:THR:HG21	1:70:A:LYS:H	4	0.12
(4,1267)	1:66:A:THR:HG22	1:70:A:LYS:H	4	0.12
(4,1267)	1:66:A:THR:HG23	1:70:A:LYS:H	4	0.12
(4,1235)	1:23:A:LEU:HA	1:23:A:LEU:HD11	2	0.12
(4,1235)	1:23:A:LEU:HA	1:23:A:LEU:HD12	2	0.12
(4,1235)	1:23:A:LEU:HA	1:23:A:LEU:HD13	2	0.12
(4,1235)	1:23:A:LEU:HA	1:23:A:LEU:HD11	13	0.12
(4,1235)	1:23:A:LEU:HA	1:23:A:LEU:HD12	13	0.12
(4,1235)	1:23:A:LEU:HA	1:23:A:LEU:HD13	13	0.12
(4,1235)	1:23:A:LEU:HA	1:23:A:LEU:HD11	19	0.12
(4,1235)	1:23:A:LEU:HA	1:23:A:LEU:HD12	19	0.12
(4,1235)	1:23:A:LEU:HA	1:23:A:LEU:HD13	19	0.12
(4,1222)	1:40:A:LEU:HD11	1:44:A:GLU:H	12	0.12
(4,1222)	1:40:A:LEU:HD12	1:44:A:GLU:H	12	0.12
(4,1222)	1:40:A:LEU:HD13	1:44:A:GLU:H	12	0.12
(4,1178)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	7	0.12
(4,1178)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	7	0.12
(4,1178)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	7	0.12
(4,1178)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	7	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1178)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	7	0.12
(4,1178)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	7	0.12
(4,1178)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	7	0.12
(4,1178)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	7	0.12
(4,1178)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	7	0.12
(4,1093)	1:41:A:LYS:HA	1:44:A:GLU:HB2	17	0.12
(4,1093)	1:41:A:LYS:HA	1:44:A:GLU:HB3	17	0.12
(4,1068)	1:70:A:LYS:HA	1:70:A:LYS:HE2	3	0.12
(4,1068)	1:70:A:LYS:HA	1:70:A:LYS:HE3	3	0.12
(4,1062)	1:101:A:ILE:HG21	1:112:A:GLN:HA	5	0.12
(4,1062)	1:101:A:ILE:HG22	1:112:A:GLN:HA	5	0.12
(4,1062)	1:101:A:ILE:HG23	1:112:A:GLN:HA	5	0.12
(4,1051)	1:38:A:GLU:HA	1:42:A:GLU:H	12	0.12
(4,1026)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	16	0.12
(4,1026)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	16	0.12
(4,1026)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	16	0.12
(4,1026)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	16	0.12
(4,1026)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	16	0.12
(4,1026)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	16	0.12
(4,1003)	1:149:A:ALA:HB1	1:150:A:THR:HA	7	0.12
(4,1003)	1:149:A:ALA:HB2	1:150:A:THR:HA	7	0.12
(4,1003)	1:149:A:ALA:HB3	1:150:A:THR:HA	7	0.12
(4,1001)	1:81:A:GLU:H	1:81:A:GLU:HB2	10	0.12
(4,965)	1:15:A:ALA:HB1	1:134:A:VAL:HB	19	0.12
(4,965)	1:15:A:ALA:HB2	1:134:A:VAL:HB	19	0.12
(4,965)	1:15:A:ALA:HB3	1:134:A:VAL:HB	19	0.12
(4,926)	1:79:A:THR:HG21	1:81:A:GLU:HG2	8	0.12
(4,926)	1:79:A:THR:HG21	1:81:A:GLU:HG3	8	0.12
(4,926)	1:79:A:THR:HG22	1:81:A:GLU:HG2	8	0.12
(4,926)	1:79:A:THR:HG22	1:81:A:GLU:HG3	8	0.12
(4,926)	1:79:A:THR:HG23	1:81:A:GLU:HG2	8	0.12
(4,926)	1:79:A:THR:HG23	1:81:A:GLU:HG3	8	0.12
(4,906)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	3	0.12
(4,906)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	3	0.12
(4,906)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	3	0.12
(4,903)	1:19:A:ALA:HB1	1:20:A:THR:HB	12	0.12
(4,903)	1:19:A:ALA:HB2	1:20:A:THR:HB	12	0.12
(4,903)	1:19:A:ALA:HB3	1:20:A:THR:HB	12	0.12
(4,874)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	14	0.12
(4,874)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	14	0.12
(4,874)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	14	0.12
(4,865)	1:60:A:LEU:HB3	1:61:A:SER:H	15	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,860)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	7	0.12
(4,847)	1:142:A:LYS:HE2	1:143:A:TRP:HD1	7	0.12
(4,847)	1:142:A:LYS:HE3	1:143:A:TRP:HD1	7	0.12
(4,810)	1:98:A:ILE:HD11	1:104:A:PHE:HZ	17	0.12
(4,810)	1:98:A:ILE:HD12	1:104:A:PHE:HZ	17	0.12
(4,810)	1:98:A:ILE:HD13	1:104:A:PHE:HZ	17	0.12
(4,808)	1:98:A:ILE:HD11	1:104:A:PHE:HD1	5	0.12
(4,808)	1:98:A:ILE:HD11	1:104:A:PHE:HD2	5	0.12
(4,808)	1:98:A:ILE:HD12	1:104:A:PHE:HD1	5	0.12
(4,808)	1:98:A:ILE:HD12	1:104:A:PHE:HD2	5	0.12
(4,808)	1:98:A:ILE:HD13	1:104:A:PHE:HD1	5	0.12
(4,808)	1:98:A:ILE:HD13	1:104:A:PHE:HD2	5	0.12
(4,808)	1:98:A:ILE:HD11	1:104:A:PHE:HD1	8	0.12
(4,808)	1:98:A:ILE:HD11	1:104:A:PHE:HD2	8	0.12
(4,808)	1:98:A:ILE:HD12	1:104:A:PHE:HD1	8	0.12
(4,808)	1:98:A:ILE:HD12	1:104:A:PHE:HD2	8	0.12
(4,808)	1:98:A:ILE:HD13	1:104:A:PHE:HD1	8	0.12
(4,808)	1:98:A:ILE:HD13	1:104:A:PHE:HD2	8	0.12
(4,808)	1:98:A:ILE:HD11	1:104:A:PHE:HD1	14	0.12
(4,808)	1:98:A:ILE:HD11	1:104:A:PHE:HD2	14	0.12
(4,808)	1:98:A:ILE:HD12	1:104:A:PHE:HD1	14	0.12
(4,808)	1:98:A:ILE:HD12	1:104:A:PHE:HD2	14	0.12
(4,808)	1:98:A:ILE:HD13	1:104:A:PHE:HD1	14	0.12
(4,808)	1:98:A:ILE:HD13	1:104:A:PHE:HD2	14	0.12
(4,797)	1:58:A:ILE:HA	1:58:A:ILE:HD11	5	0.12
(4,797)	1:58:A:ILE:HA	1:58:A:ILE:HD12	5	0.12
(4,797)	1:58:A:ILE:HA	1:58:A:ILE:HD13	5	0.12
(4,793)	1:54:A:ARG:HE	1:58:A:ILE:HD11	2	0.12
(4,793)	1:54:A:ARG:HE	1:58:A:ILE:HD12	2	0.12
(4,793)	1:54:A:ARG:HE	1:58:A:ILE:HD13	2	0.12
(4,766)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	8	0.12
(4,766)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	8	0.12
(4,766)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	8	0.12
(4,766)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	8	0.12
(4,766)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	8	0.12
(4,766)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	8	0.12
(4,740)	1:43:A:MET:HE1	1:134:A:VAL:H	14	0.12
(4,740)	1:43:A:MET:HE2	1:134:A:VAL:H	14	0.12
(4,740)	1:43:A:MET:HE3	1:134:A:VAL:H	14	0.12
(4,705)	1:48:A:ARG:HE	1:49:A:LYS:H	16	0.12
(4,698)	1:23:A:LEU:HD21	1:27:A:ARG:HE	18	0.12
(4,698)	1:23:A:LEU:HD22	1:27:A:ARG:HE	18	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,698)	1:23:A:LEU:HD23	1:27:A:ARG:HE	18	0.12
(4,665)	1:124:A:THR:H	1:126:A:GLY:H	16	0.12
(4,665)	1:124:A:THR:H	1:126:A:GLY:H	19	0.12
(4,660)	1:101:A:ILE:HD11	1:116:A:GLN:H	10	0.12
(4,660)	1:101:A:ILE:HD12	1:116:A:GLN:H	10	0.12
(4,660)	1:101:A:ILE:HD13	1:116:A:GLN:H	10	0.12
(4,574)	1:124:A:THR:HG1	1:126:A:GLY:H	17	0.12
(4,543)	1:73:A:ILE:HD11	1:110:A:MET:H	11	0.12
(4,543)	1:73:A:ILE:HD12	1:110:A:MET:H	11	0.12
(4,543)	1:73:A:ILE:HD13	1:110:A:MET:H	11	0.12
(4,514)	1:74:A:PRO:HA	1:77:A:CYS:H	16	0.12
(4,484)	1:8:A:ASP:HB2	1:9:A:PHE:H	4	0.12
(4,362)	1:41:A:LYS:H	1:44:A:GLU:HB2	3	0.12
(4,362)	1:41:A:LYS:H	1:44:A:GLU:HB3	3	0.12
(4,348)	1:101:A:ILE:HG21	1:104:A:PHE:H	19	0.12
(4,348)	1:101:A:ILE:HG22	1:104:A:PHE:H	19	0.12
(4,348)	1:101:A:ILE:HG23	1:104:A:PHE:H	19	0.12
(4,341)	1:104:A:PHE:H	1:106:A:ASP:H	16	0.12
(4,287)	1:120:A:CYS:H	1:121:A:VAL:H	16	0.12
(4,265)	1:39:A:VAL:H	1:139:A:LEU:HD11	1	0.12
(4,265)	1:39:A:VAL:H	1:139:A:LEU:HD12	1	0.12
(4,265)	1:39:A:VAL:H	1:139:A:LEU:HD13	1	0.12
(4,263)	1:144:A:LEU:H	1:144:A:LEU:HD21	16	0.12
(4,263)	1:144:A:LEU:H	1:144:A:LEU:HD22	16	0.12
(4,263)	1:144:A:LEU:H	1:144:A:LEU:HD23	16	0.12
(4,260)	1:39:A:VAL:H	1:40:A:LEU:HB2	7	0.12
(4,216)	1:42:A:GLU:H	1:44:A:GLU:H	18	0.12
(4,153)	1:50:A:ALA:HB1	1:127:A:CYS:H	6	0.12
(4,153)	1:50:A:ALA:HB2	1:127:A:CYS:H	6	0.12
(4,153)	1:50:A:ALA:HB3	1:127:A:CYS:H	6	0.12
(4,96)	1:60:A:LEU:HA	1:63:A:ILE:H	19	0.12
(4,59)	1:11:A:ILE:HD11	1:47:A:ALA:H	7	0.12
(4,59)	1:11:A:ILE:HD12	1:47:A:ALA:H	7	0.12
(4,59)	1:11:A:ILE:HD13	1:47:A:ALA:H	7	0.12
(4,50)	1:44:A:GLU:HG2	1:47:A:ALA:H	5	0.12
(4,36)	1:95:A:ILE:HB	1:96:A:VAL:H	3	0.12
(4,36)	1:95:A:ILE:HB	1:96:A:VAL:H	8	0.12
(4,19)	1:94:A:ALA:H	1:95:A:ILE:HD11	12	0.12
(4,19)	1:94:A:ALA:H	1:95:A:ILE:HD12	12	0.12
(4,19)	1:94:A:ALA:H	1:95:A:ILE:HD13	12	0.12
(3,2499)	1:140:A:LEU:HD11	1:144:A:LEU:H	5	0.12
(3,2499)	1:140:A:LEU:HD12	1:144:A:LEU:H	5	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2499)	1:140:A:LEU:HD13	1:144:A:LEU:H	5	0.12
(3,2499)	1:140:A:LEU:HD21	1:144:A:LEU:H	5	0.12
(3,2499)	1:140:A:LEU:HD22	1:144:A:LEU:H	5	0.12
(3,2499)	1:140:A:LEU:HD23	1:144:A:LEU:H	5	0.12
(3,2453)	1:132:A:ALA:H	1:133:A:ASN:HB2	19	0.12
(3,2453)	1:132:A:ALA:H	1:133:A:ASN:HB3	19	0.12
(3,2444)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	19	0.12
(3,2444)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	19	0.12
(3,2420)	1:123:A:CYS:H	1:128:A:LEU:HD11	10	0.12
(3,2420)	1:123:A:CYS:H	1:128:A:LEU:HD12	10	0.12
(3,2420)	1:123:A:CYS:H	1:128:A:LEU:HD13	10	0.12
(3,2420)	1:123:A:CYS:H	1:128:A:LEU:HD21	10	0.12
(3,2420)	1:123:A:CYS:H	1:128:A:LEU:HD22	10	0.12
(3,2420)	1:123:A:CYS:H	1:128:A:LEU:HD23	10	0.12
(3,2376)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	3	0.12
(3,2376)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	3	0.12
(3,2376)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.12
(3,2376)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.12
(3,2314)	1:96:A:VAL:HG11	1:97:A:ASP:H	16	0.12
(3,2314)	1:96:A:VAL:HG12	1:97:A:ASP:H	16	0.12
(3,2314)	1:96:A:VAL:HG13	1:97:A:ASP:H	16	0.12
(3,2314)	1:96:A:VAL:HG21	1:97:A:ASP:H	16	0.12
(3,2314)	1:96:A:VAL:HG22	1:97:A:ASP:H	16	0.12
(3,2314)	1:96:A:VAL:HG23	1:97:A:ASP:H	16	0.12
(3,2286)	1:72:A:PHE:HD1	1:109:A:PRO:HG2	7	0.12
(3,2286)	1:72:A:PHE:HD1	1:109:A:PRO:HG3	7	0.12
(3,2286)	1:72:A:PHE:HD2	1:109:A:PRO:HG2	7	0.12
(3,2286)	1:72:A:PHE:HD2	1:109:A:PRO:HG3	7	0.12
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD2	15	0.12
(3,2254)	1:66:A:THR:H	1:70:A:LYS:HD3	15	0.12
(3,2250)	1:65:A:CYS:HB2	1:69:A:MET:HG2	13	0.12
(3,2250)	1:65:A:CYS:HB2	1:69:A:MET:HG3	13	0.12
(3,2250)	1:65:A:CYS:HB3	1:69:A:MET:HG2	13	0.12
(3,2250)	1:65:A:CYS:HB3	1:69:A:MET:HG3	13	0.12
(3,2232)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	17	0.12
(3,2232)	1:60:A:LEU:HD11	1:122:A:ASP:HB3	17	0.12
(3,2232)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	17	0.12
(3,2232)	1:60:A:LEU:HD12	1:122:A:ASP:HB3	17	0.12
(3,2232)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	17	0.12
(3,2232)	1:60:A:LEU:HD13	1:122:A:ASP:HB3	17	0.12
(3,2232)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	17	0.12
(3,2232)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	17	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2232)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	17	0.12
(3,2232)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	17	0.12
(3,2232)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	17	0.12
(3,2232)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	17	0.12
(3,2223)	1:59:A:CYS:HA	1:60:A:LEU:HD11	2	0.12
(3,2223)	1:59:A:CYS:HA	1:60:A:LEU:HD12	2	0.12
(3,2223)	1:59:A:CYS:HA	1:60:A:LEU:HD13	2	0.12
(3,2223)	1:59:A:CYS:HA	1:60:A:LEU:HD21	2	0.12
(3,2223)	1:59:A:CYS:HA	1:60:A:LEU:HD22	2	0.12
(3,2223)	1:59:A:CYS:HA	1:60:A:LEU:HD23	2	0.12
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD11	9	0.12
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD12	9	0.12
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD13	9	0.12
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD21	9	0.12
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD22	9	0.12
(3,2197)	1:48:A:ARG:H	1:131:A:LEU:HD23	9	0.12
(3,2143)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	17	0.12
(3,2143)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	17	0.12
(3,2143)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	17	0.12
(3,2143)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	17	0.12
(3,2143)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	17	0.12
(3,2143)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	17	0.12
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG11	5	0.12
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG12	5	0.12
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG13	5	0.12
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG21	5	0.12
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG22	5	0.12
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG23	5	0.12
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD11	6	0.12
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD12	6	0.12
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD13	6	0.12
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD21	6	0.12
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD22	6	0.12
(3,2069)	1:25:A:ALA:HA	1:30:A:LEU:HD23	6	0.12
(3,1998)	1:12:A:VAL:HG11	1:40:A:LEU:HA	18	0.12
(3,1998)	1:12:A:VAL:HG12	1:40:A:LEU:HA	18	0.12
(3,1998)	1:12:A:VAL:HG13	1:40:A:LEU:HA	18	0.12
(3,1998)	1:12:A:VAL:HG21	1:40:A:LEU:HA	18	0.12
(3,1998)	1:12:A:VAL:HG22	1:40:A:LEU:HA	18	0.12
(3,1998)	1:12:A:VAL:HG23	1:40:A:LEU:HA	18	0.12
(3,1945)	1:140:A:LEU:HA	1:143:A:TRP:HD1	2	0.12
(3,1926)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	4	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1926)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	4	0.12
(3,1926)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	4	0.12
(3,1926)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	4	0.12
(3,1913)	1:104:A:PHE:HE1	1:113:A:PHE:HA	10	0.12
(3,1913)	1:104:A:PHE:HE2	1:113:A:PHE:HA	10	0.12
(3,1903)	1:71:A:LYS:HA	1:72:A:PHE:HD1	5	0.12
(3,1903)	1:71:A:LYS:HA	1:72:A:PHE:HD2	5	0.12
(3,1867)	1:61:A:SER:H	1:62:A:HIS:HD2	14	0.12
(3,1854)	1:9:A:PHE:HZ	1:57:A:LEU:HA	13	0.12
(3,1786)	1:36:A:PRO:HG2	1:37:A:LEU:HG	7	0.12
(3,1751)	1:14:A:VAL:H	1:79:A:THR:HG21	7	0.12
(3,1751)	1:14:A:VAL:H	1:79:A:THR:HG22	7	0.12
(3,1751)	1:14:A:VAL:H	1:79:A:THR:HG23	7	0.12
(3,1737)	1:141:A:LYS:HA	1:145:A:PRO:HD3	14	0.12
(3,1737)	1:141:A:LYS:HA	1:145:A:PRO:HD3	16	0.12
(3,1728)	1:14:A:VAL:H	1:43:A:MET:HE1	3	0.12
(3,1728)	1:14:A:VAL:H	1:43:A:MET:HE2	3	0.12
(3,1728)	1:14:A:VAL:H	1:43:A:MET:HE3	3	0.12
(3,1728)	1:14:A:VAL:H	1:43:A:MET:HE1	19	0.12
(3,1728)	1:14:A:VAL:H	1:43:A:MET:HE2	19	0.12
(3,1728)	1:14:A:VAL:H	1:43:A:MET:HE3	19	0.12
(3,1718)	1:73:A:ILE:HG21	1:109:A:PRO:HA	13	0.12
(3,1718)	1:73:A:ILE:HG22	1:109:A:PRO:HA	13	0.12
(3,1718)	1:73:A:ILE:HG23	1:109:A:PRO:HA	13	0.12
(3,1714)	1:69:A:MET:HG3	1:109:A:PRO:HA	5	0.12
(3,1661)	1:34:A:LYS:H	1:80:A:TYR:HA	15	0.12
(3,1639)	1:73:A:ILE:HG21	1:76:A:ARG:H	11	0.12
(3,1639)	1:73:A:ILE:HG22	1:76:A:ARG:H	11	0.12
(3,1639)	1:73:A:ILE:HG23	1:76:A:ARG:H	11	0.12
(3,1639)	1:73:A:ILE:HG21	1:76:A:ARG:H	14	0.12
(3,1639)	1:73:A:ILE:HG22	1:76:A:ARG:H	14	0.12
(3,1639)	1:73:A:ILE:HG23	1:76:A:ARG:H	14	0.12
(3,1632)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	13	0.12
(3,1632)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	13	0.12
(3,1632)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	13	0.12
(3,1557)	1:66:A:THR:HG21	1:69:A:MET:HE1	15	0.12
(3,1557)	1:66:A:THR:HG21	1:69:A:MET:HE2	15	0.12
(3,1557)	1:66:A:THR:HG21	1:69:A:MET:HE3	15	0.12
(3,1557)	1:66:A:THR:HG22	1:69:A:MET:HE1	15	0.12
(3,1557)	1:66:A:THR:HG22	1:69:A:MET:HE2	15	0.12
(3,1557)	1:66:A:THR:HG22	1:69:A:MET:HE3	15	0.12
(3,1557)	1:66:A:THR:HG23	1:69:A:MET:HE1	15	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1557)	1:66:A:THR:HG23	1:69:A:MET:HE2	15	0.12
(3,1557)	1:66:A:THR:HG23	1:69:A:MET:HE3	15	0.12
(3,1537)	1:11:A:ILE:HG21	1:43:A:MET:HE1	18	0.12
(3,1537)	1:11:A:ILE:HG21	1:43:A:MET:HE2	18	0.12
(3,1537)	1:11:A:ILE:HG21	1:43:A:MET:HE3	18	0.12
(3,1537)	1:11:A:ILE:HG22	1:43:A:MET:HE1	18	0.12
(3,1537)	1:11:A:ILE:HG22	1:43:A:MET:HE2	18	0.12
(3,1537)	1:11:A:ILE:HG22	1:43:A:MET:HE3	18	0.12
(3,1537)	1:11:A:ILE:HG23	1:43:A:MET:HE1	18	0.12
(3,1537)	1:11:A:ILE:HG23	1:43:A:MET:HE2	18	0.12
(3,1537)	1:11:A:ILE:HG23	1:43:A:MET:HE3	18	0.12
(3,1522)	1:47:A:ALA:HB1	1:48:A:ARG:HB2	19	0.12
(3,1522)	1:47:A:ALA:HB1	1:48:A:ARG:HB3	19	0.12
(3,1522)	1:47:A:ALA:HB2	1:48:A:ARG:HB2	19	0.12
(3,1522)	1:47:A:ALA:HB2	1:48:A:ARG:HB3	19	0.12
(3,1522)	1:47:A:ALA:HB3	1:48:A:ARG:HB2	19	0.12
(3,1522)	1:47:A:ALA:HB3	1:48:A:ARG:HB3	19	0.12
(3,1521)	1:114:A:ILE:HG21	1:117:A:VAL:HB	17	0.12
(3,1521)	1:114:A:ILE:HG22	1:117:A:VAL:HB	17	0.12
(3,1521)	1:114:A:ILE:HG23	1:117:A:VAL:HB	17	0.12
(3,1502)	1:101:A:ILE:HG21	1:115:A:ALA:H	1	0.12
(3,1502)	1:101:A:ILE:HG22	1:115:A:ALA:H	1	0.12
(3,1502)	1:101:A:ILE:HG23	1:115:A:ALA:H	1	0.12
(3,1495)	1:67:A:PRO:HD3	1:95:A:ILE:HA	1	0.12
(3,1490)	1:95:A:ILE:HG21	1:96:A:VAL:H	6	0.12
(3,1490)	1:95:A:ILE:HG22	1:96:A:VAL:H	6	0.12
(3,1490)	1:95:A:ILE:HG23	1:96:A:VAL:H	6	0.12
(3,1480)	1:10:A:ASN:HD22	1:13:A:ALA:HB1	14	0.12
(3,1480)	1:10:A:ASN:HD22	1:13:A:ALA:HB2	14	0.12
(3,1480)	1:10:A:ASN:HD22	1:13:A:ALA:HB3	14	0.12
(3,1419)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	5	0.12
(3,1419)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	5	0.12
(3,1419)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	5	0.12
(3,1419)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	5	0.12
(3,1419)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	5	0.12
(3,1419)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	5	0.12
(3,1389)	1:119:A:LEU:HB2	1:121:A:VAL:HG11	17	0.12
(3,1389)	1:119:A:LEU:HB2	1:121:A:VAL:HG12	17	0.12
(3,1389)	1:119:A:LEU:HB2	1:121:A:VAL:HG13	17	0.12
(3,1362)	1:131:A:LEU:H	1:131:A:LEU:HD21	10	0.12
(3,1362)	1:131:A:LEU:H	1:131:A:LEU:HD22	10	0.12
(3,1362)	1:131:A:LEU:H	1:131:A:LEU:HD23	10	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE1	5	0.12
(3,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE2	5	0.12
(3,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE1	7	0.12
(3,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE2	7	0.12
(3,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE1	10	0.12
(3,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE2	10	0.12
(3,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE1	11	0.12
(3,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE2	11	0.12
(3,1152)	1:40:A:LEU:HA	1:40:A:LEU:HD11	15	0.12
(3,1152)	1:40:A:LEU:HA	1:40:A:LEU:HD12	15	0.12
(3,1152)	1:40:A:LEU:HA	1:40:A:LEU:HD13	15	0.12
(3,1143)	1:31:A:PRO:HD2	1:143:A:TRP:HA	11	0.12
(3,1142)	1:143:A:TRP:HA	1:143:A:TRP:HE3	15	0.12
(3,1113)	1:136:A:CYS:HB3	1:141:A:LYS:HA	13	0.12
(3,1101)	1:101:A:ILE:HG21	1:112:A:GLN:HA	5	0.12
(3,1101)	1:101:A:ILE:HG22	1:112:A:GLN:HA	5	0.12
(3,1101)	1:101:A:ILE:HG23	1:112:A:GLN:HA	5	0.12
(3,1066)	1:110:A:MET:HE1	1:114:A:ILE:HG12	9	0.12
(3,1066)	1:110:A:MET:HE2	1:114:A:ILE:HG12	9	0.12
(3,1066)	1:110:A:MET:HE3	1:114:A:ILE:HG12	9	0.12
(3,1066)	1:110:A:MET:HE1	1:114:A:ILE:HG12	18	0.12
(3,1066)	1:110:A:MET:HE2	1:114:A:ILE:HG12	18	0.12
(3,1066)	1:110:A:MET:HE3	1:114:A:ILE:HG12	18	0.12
(3,1062)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	16	0.12
(3,1062)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	16	0.12
(3,1062)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	16	0.12
(3,1062)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	16	0.12
(3,1062)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	16	0.12
(3,1062)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	16	0.12
(3,1047)	1:41:A:LYS:HA	1:44:A:GLU:HB2	13	0.12
(3,1047)	1:41:A:LYS:HA	1:44:A:GLU:HB3	13	0.12
(3,1035)	1:149:A:ALA:HB1	1:150:A:THR:HA	7	0.12
(3,1035)	1:149:A:ALA:HB2	1:150:A:THR:HA	7	0.12
(3,1035)	1:149:A:ALA:HB3	1:150:A:THR:HA	7	0.12
(3,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	12	0.12
(3,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	12	0.12
(3,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	12	0.12
(3,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	12	0.12
(3,1001)	1:113:A:PHE:HE1	1:114:A:ILE:HA	9	0.12
(3,1001)	1:113:A:PHE:HE2	1:114:A:ILE:HA	9	0.12
(3,948)	1:79:A:THR:HG21	1:81:A:GLU:HG2	8	0.12
(3,948)	1:79:A:THR:HG21	1:81:A:GLU:HG3	8	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,948)	1:79:A:THR:HG22	1:81:A:GLU:HG2	8	0.12
(3,948)	1:79:A:THR:HG22	1:81:A:GLU:HG3	8	0.12
(3,948)	1:79:A:THR:HG23	1:81:A:GLU:HG2	8	0.12
(3,948)	1:79:A:THR:HG23	1:81:A:GLU:HG3	8	0.12
(3,930)	1:19:A:ALA:HB1	1:20:A:THR:HB	12	0.12
(3,930)	1:19:A:ALA:HB2	1:20:A:THR:HB	12	0.12
(3,930)	1:19:A:ALA:HB3	1:20:A:THR:HB	12	0.12
(3,912)	1:94:A:ALA:HA	1:95:A:ILE:HB	9	0.12
(3,912)	1:94:A:ALA:HA	1:95:A:ILE:HB	10	0.12
(3,893)	1:11:A:ILE:HG21	1:40:A:LEU:HB3	14	0.12
(3,893)	1:11:A:ILE:HG22	1:40:A:LEU:HB3	14	0.12
(3,893)	1:11:A:ILE:HG23	1:40:A:LEU:HB3	14	0.12
(3,882)	1:60:A:LEU:HB3	1:61:A:SER:H	15	0.12
(3,878)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	7	0.12
(3,817)	1:58:A:ILE:HA	1:58:A:ILE:HD11	5	0.12
(3,817)	1:58:A:ILE:HA	1:58:A:ILE:HD12	5	0.12
(3,817)	1:58:A:ILE:HA	1:58:A:ILE:HD13	5	0.12
(3,811)	1:11:A:ILE:HD11	1:43:A:MET:HG2	13	0.12
(3,811)	1:11:A:ILE:HD12	1:43:A:MET:HG2	13	0.12
(3,811)	1:11:A:ILE:HD13	1:43:A:MET:HG2	13	0.12
(3,796)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	19	0.12
(3,796)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	19	0.12
(3,796)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	19	0.12
(3,796)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	19	0.12
(3,796)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	19	0.12
(3,796)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	19	0.12
(3,789)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	8	0.12
(3,789)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	8	0.12
(3,789)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	8	0.12
(3,789)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	8	0.12
(3,789)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	8	0.12
(3,789)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	8	0.12
(3,763)	1:103:A:ARG:HB2	1:103:A:ARG:HE	16	0.12
(3,763)	1:103:A:ARG:HB3	1:103:A:ARG:HE	16	0.12
(3,739)	1:50:A:ALA:H	1:130:A:GLY:HA3	4	0.12
(3,677)	1:101:A:ILE:HD11	1:116:A:GLN:H	10	0.12
(3,677)	1:101:A:ILE:HD12	1:116:A:GLN:H	10	0.12
(3,677)	1:101:A:ILE:HD13	1:116:A:GLN:H	10	0.12
(3,660)	1:66:A:THR:H	1:116:A:GLN:HE22	1	0.12
(3,638)	1:9:A:PHE:HZ	1:58:A:ILE:H	16	0.12
(3,626)	1:96:A:VAL:H	1:97:A:ASP:H	6	0.12
(3,587)	1:124:A:THR:HG1	1:126:A:GLY:H	17	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,564)	1:116:A:GLN:H	1:116:A:GLN:HE22	8	0.12
(3,526)	1:74:A:PRO:HA	1:77:A:CYS:H	16	0.12
(3,506)	1:68:A:LYS:H	1:71:A:LYS:H	1	0.12
(3,506)	1:68:A:LYS:H	1:71:A:LYS:H	2	0.12
(3,506)	1:68:A:LYS:H	1:71:A:LYS:H	6	0.12
(3,506)	1:68:A:LYS:H	1:71:A:LYS:H	9	0.12
(3,499)	1:8:A:ASP:HB2	1:9:A:PHE:H	4	0.12
(3,478)	1:103:A:ARG:H	1:103:A:ARG:HG2	5	0.12
(3,478)	1:103:A:ARG:H	1:103:A:ARG:HG3	5	0.12
(3,478)	1:103:A:ARG:H	1:103:A:ARG:HG2	15	0.12
(3,478)	1:103:A:ARG:H	1:103:A:ARG:HG3	15	0.12
(3,363)	1:101:A:ILE:HG21	1:104:A:PHE:H	19	0.12
(3,363)	1:101:A:ILE:HG22	1:104:A:PHE:H	19	0.12
(3,363)	1:101:A:ILE:HG23	1:104:A:PHE:H	19	0.12
(3,351)	1:123:A:CYS:H	1:128:A:LEU:HD11	16	0.12
(3,351)	1:123:A:CYS:H	1:128:A:LEU:HD12	16	0.12
(3,351)	1:123:A:CYS:H	1:128:A:LEU:HD13	16	0.12
(3,326)	1:46:A:ASN:H	1:49:A:LYS:HB2	14	0.12
(3,326)	1:46:A:ASN:H	1:49:A:LYS:HB3	14	0.12
(3,293)	1:120:A:CYS:H	1:121:A:VAL:H	16	0.12
(3,272)	1:112:A:GLN:H	1:112:A:GLN:HE21	6	0.12
(3,233)	1:10:A:ASN:H	1:13:A:ALA:HB1	5	0.12
(3,233)	1:10:A:ASN:H	1:13:A:ALA:HB2	5	0.12
(3,233)	1:10:A:ASN:H	1:13:A:ALA:HB3	5	0.12
(3,107)	1:22:A:ASP:H	1:25:A:ALA:HB1	11	0.12
(3,107)	1:22:A:ASP:H	1:25:A:ALA:HB2	11	0.12
(3,107)	1:22:A:ASP:H	1:25:A:ALA:HB3	11	0.12
(3,95)	1:60:A:LEU:HA	1:63:A:ILE:H	19	0.12
(3,63)	1:34:A:LYS:H	1:81:A:GLU:H	17	0.12
(2,2470)	1:142:A:LYS:HG2	1:143:A:TRP:HE1	5	0.12
(2,2470)	1:142:A:LYS:HG3	1:143:A:TRP:HE1	5	0.12
(2,2457)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.12
(2,2457)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.12
(2,2457)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.12
(2,2457)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.12
(2,2457)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.12
(2,2457)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.12
(2,2457)	1:139:A:LEU:HD11	1:144:A:LEU:H	6	0.12
(2,2457)	1:139:A:LEU:HD12	1:144:A:LEU:H	6	0.12
(2,2457)	1:139:A:LEU:HD13	1:144:A:LEU:H	6	0.12
(2,2457)	1:139:A:LEU:HD21	1:144:A:LEU:H	6	0.12
(2,2457)	1:139:A:LEU:HD22	1:144:A:LEU:H	6	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2457)	1:139:A:LEU:HD23	1:144:A:LEU:H	6	0.12
(2,2438)	1:137:A:SER:HB2	1:139:A:LEU:H	12	0.12
(2,2438)	1:137:A:SER:HB3	1:139:A:LEU:H	12	0.12
(2,2420)	1:132:A:ALA:H	1:133:A:ASN:HB2	19	0.12
(2,2420)	1:132:A:ALA:H	1:133:A:ASN:HB3	19	0.12
(2,2365)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	3	0.12
(2,2365)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	3	0.12
(2,2365)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.12
(2,2365)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.12
(2,2350)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	8	0.12
(2,2350)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	8	0.12
(2,2350)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	8	0.12
(2,2350)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	8	0.12
(2,2350)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	8	0.12
(2,2350)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	8	0.12
(2,2350)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	8	0.12
(2,2350)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	8	0.12
(2,2350)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	8	0.12
(2,2350)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	8	0.12
(2,2350)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	8	0.12
(2,2350)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	8	0.12
(2,2322)	1:100:A:ALA:HA	1:119:A:LEU:HD11	1	0.12
(2,2322)	1:100:A:ALA:HA	1:119:A:LEU:HD12	1	0.12
(2,2322)	1:100:A:ALA:HA	1:119:A:LEU:HD13	1	0.12
(2,2322)	1:100:A:ALA:HA	1:119:A:LEU:HD21	1	0.12
(2,2322)	1:100:A:ALA:HA	1:119:A:LEU:HD22	1	0.12
(2,2322)	1:100:A:ALA:HA	1:119:A:LEU:HD23	1	0.12
(2,2260)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	1	0.12
(2,2260)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	1	0.12
(2,2235)	1:63:A:ILE:HG21	1:116:A:GLN:HG2	11	0.12
(2,2235)	1:63:A:ILE:HG21	1:116:A:GLN:HG3	11	0.12
(2,2235)	1:63:A:ILE:HG22	1:116:A:GLN:HG2	11	0.12
(2,2235)	1:63:A:ILE:HG22	1:116:A:GLN:HG3	11	0.12
(2,2235)	1:63:A:ILE:HG23	1:116:A:GLN:HG2	11	0.12
(2,2235)	1:63:A:ILE:HG23	1:116:A:GLN:HG3	11	0.12
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD21	14	0.12
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD22	14	0.12
(2,2217)	1:57:A:LEU:HD11	1:60:A:LEU:HD23	14	0.12
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD21	14	0.12
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD22	14	0.12
(2,2217)	1:57:A:LEU:HD12	1:60:A:LEU:HD23	14	0.12
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD21	14	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD22	14	0.12
(2,2217)	1:57:A:LEU:HD13	1:60:A:LEU:HD23	14	0.12
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD21	14	0.12
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD22	14	0.12
(2,2217)	1:57:A:LEU:HD21	1:60:A:LEU:HD23	14	0.12
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD21	14	0.12
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD22	14	0.12
(2,2217)	1:57:A:LEU:HD22	1:60:A:LEU:HD23	14	0.12
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD21	14	0.12
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD22	14	0.12
(2,2217)	1:57:A:LEU:HD23	1:60:A:LEU:HD23	14	0.12
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG11	16	0.12
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG12	16	0.12
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG13	16	0.12
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG21	16	0.12
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG22	16	0.12
(2,2192)	1:47:A:ALA:HA	1:134:A:VAL:HG23	16	0.12
(2,2132)	1:39:A:VAL:HG11	1:143:A:TRP:HE3	17	0.12
(2,2132)	1:39:A:VAL:HG12	1:143:A:TRP:HE3	17	0.12
(2,2132)	1:39:A:VAL:HG13	1:143:A:TRP:HE3	17	0.12
(2,2132)	1:39:A:VAL:HG21	1:143:A:TRP:HE3	17	0.12
(2,2132)	1:39:A:VAL:HG22	1:143:A:TRP:HE3	17	0.12
(2,2132)	1:39:A:VAL:HG23	1:143:A:TRP:HE3	17	0.12
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG11	5	0.12
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG12	5	0.12
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG13	5	0.12
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG21	5	0.12
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG22	5	0.12
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG23	5	0.12
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD11	1	0.12
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD12	1	0.12
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD13	1	0.12
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD21	1	0.12
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD22	1	0.12
(2,2066)	1:29:A:LYS:HB2	1:30:A:LEU:HD23	1	0.12
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD11	1	0.12
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD12	1	0.12
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD13	1	0.12
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD21	1	0.12
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD22	1	0.12
(2,2066)	1:29:A:LYS:HB3	1:30:A:LEU:HD23	1	0.12
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE1	10	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE2	10	0.12
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE3	10	0.12
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE1	10	0.12
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE2	10	0.12
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE3	10	0.12
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE1	13	0.12
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE2	13	0.12
(2,2034)	1:16:A:SER:HB2	1:43:A:MET:HE3	13	0.12
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE1	13	0.12
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE2	13	0.12
(2,2034)	1:16:A:SER:HB3	1:43:A:MET:HE3	13	0.12
(2,2004)	1:14:A:VAL:HB	1:57:A:LEU:HD11	14	0.12
(2,2004)	1:14:A:VAL:HB	1:57:A:LEU:HD12	14	0.12
(2,2004)	1:14:A:VAL:HB	1:57:A:LEU:HD13	14	0.12
(2,2004)	1:14:A:VAL:HB	1:57:A:LEU:HD21	14	0.12
(2,2004)	1:14:A:VAL:HB	1:57:A:LEU:HD22	14	0.12
(2,2004)	1:14:A:VAL:HB	1:57:A:LEU:HD23	14	0.12
(2,1992)	1:12:A:VAL:HG11	1:40:A:LEU:HA	18	0.12
(2,1992)	1:12:A:VAL:HG12	1:40:A:LEU:HA	18	0.12
(2,1992)	1:12:A:VAL:HG13	1:40:A:LEU:HA	18	0.12
(2,1992)	1:12:A:VAL:HG21	1:40:A:LEU:HA	18	0.12
(2,1992)	1:12:A:VAL:HG22	1:40:A:LEU:HA	18	0.12
(2,1992)	1:12:A:VAL:HG23	1:40:A:LEU:HA	18	0.12
(2,1976)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	1	0.12
(2,1976)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	1	0.12
(2,1976)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	1	0.12
(2,1976)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	1	0.12
(2,1976)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	1	0.12
(2,1976)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	1	0.12
(2,1945)	1:140:A:LEU:HA	1:143:A:TRP:HD1	2	0.12
(2,1934)	1:80:A:TYR:HE1	1:81:A:GLU:H	8	0.12
(2,1934)	1:80:A:TYR:HE2	1:81:A:GLU:H	8	0.12
(2,1924)	1:113:A:PHE:HD1	1:116:A:GLN:HB2	4	0.12
(2,1924)	1:113:A:PHE:HD1	1:116:A:GLN:HB3	4	0.12
(2,1924)	1:113:A:PHE:HD2	1:116:A:GLN:HB2	4	0.12
(2,1924)	1:113:A:PHE:HD2	1:116:A:GLN:HB3	4	0.12
(2,1912)	1:104:A:PHE:HE1	1:113:A:PHE:HA	10	0.12
(2,1912)	1:104:A:PHE:HE2	1:113:A:PHE:HA	10	0.12
(2,1902)	1:71:A:LYS:HA	1:72:A:PHE:HD1	5	0.12
(2,1902)	1:71:A:LYS:HA	1:72:A:PHE:HD2	5	0.12
(2,1852)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	15	0.12
(2,1852)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	15	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1772)	1:36:A:PRO:HG2	1:37:A:LEU:HG	7	0.12
(2,1724)	1:141:A:LYS:HA	1:145:A:PRO:HD3	13	0.12
(2,1706)	1:73:A:ILE:HG21	1:109:A:PRO:HA	13	0.12
(2,1706)	1:73:A:ILE:HG22	1:109:A:PRO:HA	13	0.12
(2,1706)	1:73:A:ILE:HG23	1:109:A:PRO:HA	13	0.12
(2,1673)	1:69:A:MET:HA	1:69:A:MET:HE1	6	0.12
(2,1673)	1:69:A:MET:HA	1:69:A:MET:HE2	6	0.12
(2,1673)	1:69:A:MET:HA	1:69:A:MET:HE3	6	0.12
(2,1665)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	17	0.12
(2,1665)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	17	0.12
(2,1665)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	17	0.12
(2,1665)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	17	0.12
(2,1665)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	17	0.12
(2,1665)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	17	0.12
(2,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	2	0.12
(2,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	2	0.12
(2,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	2	0.12
(2,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	2	0.12
(2,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	2	0.12
(2,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	2	0.12
(2,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	9	0.12
(2,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	9	0.12
(2,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	9	0.12
(2,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	9	0.12
(2,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	9	0.12
(2,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	9	0.12
(2,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	15	0.12
(2,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	15	0.12
(2,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	15	0.12
(2,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	15	0.12
(2,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	15	0.12
(2,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	15	0.12
(2,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	11	0.12
(2,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	11	0.12
(2,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	11	0.12
(2,1621)	1:73:A:ILE:HG21	1:76:A:ARG:H	14	0.12
(2,1621)	1:73:A:ILE:HG22	1:76:A:ARG:H	14	0.12
(2,1621)	1:73:A:ILE:HG23	1:76:A:ARG:H	14	0.12
(2,1620)	1:72:A:PHE:H	1:73:A:ILE:HG21	5	0.12
(2,1620)	1:72:A:PHE:H	1:73:A:ILE:HG22	5	0.12
(2,1620)	1:72:A:PHE:H	1:73:A:ILE:HG23	5	0.12
(2,1613)	1:57:A:LEU:HB2	1:58:A:ILE:HG21	13	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1613)	1:57:A:LEU:HB2	1:58:A:ILE:HG22	13	0.12
(2,1613)	1:57:A:LEU:HB2	1:58:A:ILE:HG23	13	0.12
(2,1523)	1:69:A:MET:HE1	1:113:A:PHE:HD1	6	0.12
(2,1523)	1:69:A:MET:HE1	1:113:A:PHE:HD2	6	0.12
(2,1523)	1:69:A:MET:HE2	1:113:A:PHE:HD1	6	0.12
(2,1523)	1:69:A:MET:HE2	1:113:A:PHE:HD2	6	0.12
(2,1523)	1:69:A:MET:HE3	1:113:A:PHE:HD1	6	0.12
(2,1523)	1:69:A:MET:HE3	1:113:A:PHE:HD2	6	0.12
(2,1495)	1:114:A:ILE:HG21	1:117:A:VAL:H	1	0.12
(2,1495)	1:114:A:ILE:HG22	1:117:A:VAL:H	1	0.12
(2,1495)	1:114:A:ILE:HG23	1:117:A:VAL:H	1	0.12
(2,1485)	1:101:A:ILE:HG21	1:116:A:GLN:H	4	0.12
(2,1485)	1:101:A:ILE:HG22	1:116:A:GLN:H	4	0.12
(2,1485)	1:101:A:ILE:HG23	1:116:A:GLN:H	4	0.12
(2,1485)	1:101:A:ILE:HG21	1:116:A:GLN:H	9	0.12
(2,1485)	1:101:A:ILE:HG22	1:116:A:GLN:H	9	0.12
(2,1485)	1:101:A:ILE:HG23	1:116:A:GLN:H	9	0.12
(2,1485)	1:101:A:ILE:HG21	1:116:A:GLN:H	13	0.12
(2,1485)	1:101:A:ILE:HG22	1:116:A:GLN:H	13	0.12
(2,1485)	1:101:A:ILE:HG23	1:116:A:GLN:H	13	0.12
(2,1482)	1:101:A:ILE:HG21	1:115:A:ALA:H	1	0.12
(2,1482)	1:101:A:ILE:HG22	1:115:A:ALA:H	1	0.12
(2,1482)	1:101:A:ILE:HG23	1:115:A:ALA:H	1	0.12
(2,1472)	1:95:A:ILE:HG21	1:96:A:VAL:H	6	0.12
(2,1472)	1:95:A:ILE:HG22	1:96:A:VAL:H	6	0.12
(2,1472)	1:95:A:ILE:HG23	1:96:A:VAL:H	6	0.12
(2,1462)	1:30:A:LEU:HD21	1:145:A:PRO:HD2	16	0.12
(2,1462)	1:30:A:LEU:HD22	1:145:A:PRO:HD2	16	0.12
(2,1462)	1:30:A:LEU:HD23	1:145:A:PRO:HD2	16	0.12
(2,1456)	1:47:A:ALA:HA	1:50:A:ALA:HB1	10	0.12
(2,1456)	1:47:A:ALA:HA	1:50:A:ALA:HB2	10	0.12
(2,1456)	1:47:A:ALA:HA	1:50:A:ALA:HB3	10	0.12
(2,1424)	1:70:A:LYS:HA	1:73:A:ILE:HG21	13	0.12
(2,1424)	1:70:A:LYS:HA	1:73:A:ILE:HG22	13	0.12
(2,1424)	1:70:A:LYS:HA	1:73:A:ILE:HG23	13	0.12
(2,1404)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	19	0.12
(2,1404)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	19	0.12
(2,1404)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	19	0.12
(2,1404)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	19	0.12
(2,1404)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	19	0.12
(2,1404)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	19	0.12
(2,1404)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	19	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1404)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	19	0.12
(2,1404)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	19	0.12
(2,1388)	1:49:A:LYS:H	1:50:A:ALA:HA	3	0.12
(2,1388)	1:49:A:LYS:H	1:50:A:ALA:HA	4	0.12
(2,1388)	1:49:A:LYS:H	1:50:A:ALA:HA	12	0.12
(2,1368)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	12	0.12
(2,1368)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	12	0.12
(2,1368)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	12	0.12
(2,1342)	1:117:A:VAL:HG11	1:118:A:ASP:H	15	0.12
(2,1342)	1:117:A:VAL:HG12	1:118:A:ASP:H	15	0.12
(2,1342)	1:117:A:VAL:HG13	1:118:A:ASP:H	15	0.12
(2,1249)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	19	0.12
(2,1249)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	19	0.12
(2,1249)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	19	0.12
(2,1245)	1:37:A:LEU:HD11	1:38:A:GLU:HA	11	0.12
(2,1245)	1:37:A:LEU:HD12	1:38:A:GLU:HA	11	0.12
(2,1245)	1:37:A:LEU:HD13	1:38:A:GLU:HA	11	0.12
(2,1239)	1:40:A:LEU:HD11	1:44:A:GLU:H	12	0.12
(2,1239)	1:40:A:LEU:HD12	1:44:A:GLU:H	12	0.12
(2,1239)	1:40:A:LEU:HD13	1:44:A:GLU:H	12	0.12
(2,1199)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	15	0.12
(2,1199)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	15	0.12
(2,1199)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	15	0.12
(2,1170)	1:27:A:ARG:HB2	1:30:A:LEU:HD21	1	0.12
(2,1170)	1:27:A:ARG:HB2	1:30:A:LEU:HD22	1	0.12
(2,1170)	1:27:A:ARG:HB2	1:30:A:LEU:HD23	1	0.12
(2,979)	1:113:A:PHE:HE1	1:114:A:ILE:HA	9	0.12
(2,979)	1:113:A:PHE:HE2	1:114:A:ILE:HA	9	0.12
(2,910)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	8	0.12
(2,910)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	8	0.12
(2,910)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	8	0.12
(2,785)	1:9:A:PHE:HD1	1:11:A:ILE:HD11	1	0.12
(2,785)	1:9:A:PHE:HD1	1:11:A:ILE:HD12	1	0.12
(2,785)	1:9:A:PHE:HD1	1:11:A:ILE:HD13	1	0.12
(2,785)	1:9:A:PHE:HD2	1:11:A:ILE:HD11	1	0.12
(2,785)	1:9:A:PHE:HD2	1:11:A:ILE:HD12	1	0.12
(2,785)	1:9:A:PHE:HD2	1:11:A:ILE:HD13	1	0.12
(2,779)	1:11:A:ILE:HA	1:11:A:ILE:HD11	11	0.12
(2,779)	1:11:A:ILE:HA	1:11:A:ILE:HD12	11	0.12
(2,779)	1:11:A:ILE:HA	1:11:A:ILE:HD13	11	0.12
(2,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD11	19	0.12
(2,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD12	19	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,778)	1:9:A:PHE:HE1	1:11:A:ILE:HD13	19	0.12
(2,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD11	19	0.12
(2,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD12	19	0.12
(2,778)	1:9:A:PHE:HE2	1:11:A:ILE:HD13	19	0.12
(2,770)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	8	0.12
(2,770)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	8	0.12
(2,770)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	8	0.12
(2,770)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	8	0.12
(2,770)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	8	0.12
(2,770)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	8	0.12
(2,745)	1:103:A:ARG:HB2	1:103:A:ARG:HE	16	0.12
(2,745)	1:103:A:ARG:HB3	1:103:A:ARG:HE	16	0.12
(2,711)	1:48:A:ARG:HE	1:49:A:LYS:H	16	0.12
(2,705)	1:23:A:LEU:HD21	1:27:A:ARG:HE	6	0.12
(2,705)	1:23:A:LEU:HD22	1:27:A:ARG:HE	6	0.12
(2,705)	1:23:A:LEU:HD23	1:27:A:ARG:HE	6	0.12
(2,705)	1:23:A:LEU:HD21	1:27:A:ARG:HE	12	0.12
(2,705)	1:23:A:LEU:HD22	1:27:A:ARG:HE	12	0.12
(2,705)	1:23:A:LEU:HD23	1:27:A:ARG:HE	12	0.12
(2,668)	1:101:A:ILE:HD11	1:116:A:GLN:H	10	0.12
(2,668)	1:101:A:ILE:HD12	1:116:A:GLN:H	10	0.12
(2,668)	1:101:A:ILE:HD13	1:116:A:GLN:H	10	0.12
(2,590)	1:74:A:PRO:HD2	1:75:A:GLY:H	11	0.12
(2,582)	1:124:A:THR:HG1	1:126:A:GLY:H	17	0.12
(2,551)	1:73:A:ILE:HD11	1:110:A:MET:H	11	0.12
(2,551)	1:73:A:ILE:HD12	1:110:A:MET:H	11	0.12
(2,551)	1:73:A:ILE:HD13	1:110:A:MET:H	11	0.12
(2,540)	1:60:A:LEU:HD11	1:61:A:SER:H	18	0.12
(2,540)	1:60:A:LEU:HD12	1:61:A:SER:H	18	0.12
(2,540)	1:60:A:LEU:HD13	1:61:A:SER:H	18	0.12
(2,523)	1:74:A:PRO:HA	1:77:A:CYS:H	16	0.12
(2,431)	1:68:A:LYS:H	1:68:A:LYS:HE2	5	0.12
(2,431)	1:68:A:LYS:H	1:68:A:LYS:HE3	5	0.12
(2,397)	1:128:A:LEU:H	1:128:A:LEU:HD11	2	0.12
(2,397)	1:128:A:LEU:H	1:128:A:LEU:HD12	2	0.12
(2,397)	1:128:A:LEU:H	1:128:A:LEU:HD13	2	0.12
(2,397)	1:128:A:LEU:H	1:128:A:LEU:HD11	13	0.12
(2,397)	1:128:A:LEU:H	1:128:A:LEU:HD12	13	0.12
(2,397)	1:128:A:LEU:H	1:128:A:LEU:HD13	13	0.12
(2,368)	1:132:A:ALA:H	1:133:A:ASN:HD22	4	0.12
(2,368)	1:132:A:ALA:H	1:133:A:ASN:HD22	14	0.12
(2,358)	1:101:A:ILE:HG21	1:104:A:PHE:H	19	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,358)	1:101:A:ILE:HG22	1:104:A:PHE:H	19	0.12
(2,358)	1:101:A:ILE:HG23	1:104:A:PHE:H	19	0.12
(2,351)	1:104:A:PHE:H	1:106:A:ASP:H	16	0.12
(2,290)	1:120:A:CYS:H	1:121:A:VAL:H	16	0.12
(2,289)	1:121:A:VAL:H	1:123:A:CYS:H	15	0.12
(2,236)	1:47:A:ALA:HB1	1:50:A:ALA:H	1	0.12
(2,236)	1:47:A:ALA:HB2	1:50:A:ALA:H	1	0.12
(2,236)	1:47:A:ALA:HB3	1:50:A:ALA:H	1	0.12
(2,190)	1:44:A:GLU:H	1:44:A:GLU:HG3	11	0.12
(2,190)	1:44:A:GLU:H	1:44:A:GLU:HG2	11	0.12
(2,95)	1:60:A:LEU:HA	1:63:A:ILE:H	19	0.12
(2,45)	1:44:A:GLU:HB2	1:47:A:ALA:H	2	0.12
(2,45)	1:44:A:GLU:HB3	1:47:A:ALA:H	2	0.12
(2,38)	1:43:A:MET:HA	1:47:A:ALA:H	5	0.12
(2,38)	1:43:A:MET:HA	1:47:A:ALA:H	16	0.12
(2,25)	1:10:A:ASN:HB3	1:13:A:ALA:H	17	0.12
(2,17)	1:94:A:ALA:H	1:95:A:ILE:HD11	12	0.12
(2,17)	1:94:A:ALA:H	1:95:A:ILE:HD12	12	0.12
(2,17)	1:94:A:ALA:H	1:95:A:ILE:HD13	12	0.12
(1,2443)	1:143:A:TRP:H	1:144:A:LEU:HD11	10	0.12
(1,2443)	1:143:A:TRP:H	1:144:A:LEU:HD12	10	0.12
(1,2443)	1:143:A:TRP:H	1:144:A:LEU:HD13	10	0.12
(1,2443)	1:143:A:TRP:H	1:144:A:LEU:HD21	10	0.12
(1,2443)	1:143:A:TRP:H	1:144:A:LEU:HD22	10	0.12
(1,2443)	1:143:A:TRP:H	1:144:A:LEU:HD23	10	0.12
(1,2427)	1:139:A:LEU:HD11	1:144:A:LEU:H	3	0.12
(1,2427)	1:139:A:LEU:HD12	1:144:A:LEU:H	3	0.12
(1,2427)	1:139:A:LEU:HD13	1:144:A:LEU:H	3	0.12
(1,2427)	1:139:A:LEU:HD21	1:144:A:LEU:H	3	0.12
(1,2427)	1:139:A:LEU:HD22	1:144:A:LEU:H	3	0.12
(1,2427)	1:139:A:LEU:HD23	1:144:A:LEU:H	3	0.12
(1,2427)	1:139:A:LEU:HD11	1:144:A:LEU:H	6	0.12
(1,2427)	1:139:A:LEU:HD12	1:144:A:LEU:H	6	0.12
(1,2427)	1:139:A:LEU:HD13	1:144:A:LEU:H	6	0.12
(1,2427)	1:139:A:LEU:HD21	1:144:A:LEU:H	6	0.12
(1,2427)	1:139:A:LEU:HD22	1:144:A:LEU:H	6	0.12
(1,2427)	1:139:A:LEU:HD23	1:144:A:LEU:H	6	0.12
(1,2402)	1:134:A:VAL:HG11	1:137:A:SER:H	5	0.12
(1,2402)	1:134:A:VAL:HG12	1:137:A:SER:H	5	0.12
(1,2402)	1:134:A:VAL:HG13	1:137:A:SER:H	5	0.12
(1,2402)	1:134:A:VAL:HG21	1:137:A:SER:H	5	0.12
(1,2402)	1:134:A:VAL:HG22	1:137:A:SER:H	5	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2402)	1:134:A:VAL:HG23	1:137:A:SER:H	5	0.12
(1,2387)	1:129:A:LYS:HG2	1:133:A:ASN:HD21	19	0.12
(1,2387)	1:129:A:LYS:HG3	1:133:A:ASN:HD21	19	0.12
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG12	12	0.12
(1,2319)	1:110:A:MET:HE1	1:114:A:ILE:HG13	12	0.12
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG12	12	0.12
(1,2319)	1:110:A:MET:HE2	1:114:A:ILE:HG13	12	0.12
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG12	12	0.12
(1,2319)	1:110:A:MET:HE3	1:114:A:ILE:HG13	12	0.12
(1,2316)	1:108:A:GLU:HG2	1:111:A:GLU:HB2	3	0.12
(1,2316)	1:108:A:GLU:HG2	1:111:A:GLU:HB3	3	0.12
(1,2316)	1:108:A:GLU:HG3	1:111:A:GLU:HB2	3	0.12
(1,2316)	1:108:A:GLU:HG3	1:111:A:GLU:HB3	3	0.12
(1,2238)	1:72:A:PHE:HD1	1:109:A:PRO:HG2	7	0.12
(1,2238)	1:72:A:PHE:HD1	1:109:A:PRO:HG3	7	0.12
(1,2238)	1:72:A:PHE:HD2	1:109:A:PRO:HG2	7	0.12
(1,2238)	1:72:A:PHE:HD2	1:109:A:PRO:HG3	7	0.12
(1,2219)	1:69:A:MET:HG2	1:70:A:LYS:HG2	11	0.12
(1,2219)	1:69:A:MET:HG3	1:70:A:LYS:HG2	11	0.12
(1,2207)	1:65:A:CYS:HB2	1:69:A:MET:HG2	13	0.12
(1,2207)	1:65:A:CYS:HB2	1:69:A:MET:HG3	13	0.12
(1,2207)	1:65:A:CYS:HB3	1:69:A:MET:HG2	13	0.12
(1,2207)	1:65:A:CYS:HB3	1:69:A:MET:HG3	13	0.12
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD11	12	0.12
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD12	12	0.12
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD13	12	0.12
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD21	12	0.12
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD22	12	0.12
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD23	12	0.12
(1,2102)	1:39:A:VAL:HG11	1:43:A:MET:H	1	0.12
(1,2102)	1:39:A:VAL:HG12	1:43:A:MET:H	1	0.12
(1,2102)	1:39:A:VAL:HG13	1:43:A:MET:H	1	0.12
(1,2102)	1:39:A:VAL:HG21	1:43:A:MET:H	1	0.12
(1,2102)	1:39:A:VAL:HG22	1:43:A:MET:H	1	0.12
(1,2102)	1:39:A:VAL:HG23	1:43:A:MET:H	1	0.12
(1,2102)	1:39:A:VAL:HG11	1:43:A:MET:H	14	0.12
(1,2102)	1:39:A:VAL:HG12	1:43:A:MET:H	14	0.12
(1,2102)	1:39:A:VAL:HG13	1:43:A:MET:H	14	0.12
(1,2102)	1:39:A:VAL:HG21	1:43:A:MET:H	14	0.12
(1,2102)	1:39:A:VAL:HG22	1:43:A:MET:H	14	0.12
(1,2102)	1:39:A:VAL:HG23	1:43:A:MET:H	14	0.12
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD11	13	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD12	13	0.12
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD13	13	0.12
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD21	13	0.12
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD22	13	0.12
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD23	13	0.12
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD11	5	0.12
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD12	5	0.12
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD13	5	0.12
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD21	5	0.12
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD22	5	0.12
(1,2094)	1:39:A:VAL:H	1:139:A:LEU:HD23	5	0.12
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD11	11	0.12
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD12	11	0.12
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD13	11	0.12
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD21	11	0.12
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD22	11	0.12
(1,2089)	1:38:A:GLU:HA	1:139:A:LEU:HD23	11	0.12
(1,1972)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	19	0.12
(1,1972)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	19	0.12
(1,1972)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	19	0.12
(1,1972)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	19	0.12
(1,1972)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	19	0.12
(1,1972)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	19	0.12
(1,1972)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	19	0.12
(1,1972)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	19	0.12
(1,1972)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	19	0.12
(1,1972)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	19	0.12
(1,1972)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	19	0.12
(1,1972)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	19	0.12
(1,1932)	1:140:A:LEU:HA	1:143:A:TRP:HD1	2	0.12
(1,1925)	1:80:A:TYR:HE1	1:81:A:GLU:H	8	0.12
(1,1925)	1:80:A:TYR:HE2	1:81:A:GLU:H	8	0.12
(1,1915)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	3	0.12
(1,1915)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	3	0.12
(1,1915)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	3	0.12
(1,1915)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	3	0.12
(1,1915)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	3	0.12
(1,1915)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	3	0.12
(1,1880)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	3	0.12
(1,1880)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	3	0.12
(1,1879)	1:113:A:PHE:HE1	1:114:A:ILE:HA	14	0.12
(1,1879)	1:113:A:PHE:HE2	1:114:A:ILE:HA	14	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1864)	1:80:A:TYR:HE1	1:81:A:GLU:HB2	1	0.12
(1,1864)	1:80:A:TYR:HE2	1:81:A:GLU:HB2	1	0.12
(1,1817)	1:101:A:ILE:HB	1:104:A:PHE:HD1	18	0.12
(1,1817)	1:101:A:ILE:HB	1:104:A:PHE:HD2	18	0.12
(1,1800)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	3	0.12
(1,1800)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	3	0.12
(1,1800)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	3	0.12
(1,1800)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	3	0.12
(1,1800)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	3	0.12
(1,1800)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	3	0.12
(1,1800)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	3	0.12
(1,1800)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	3	0.12
(1,1800)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	3	0.12
(1,1800)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	3	0.12
(1,1800)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	3	0.12
(1,1800)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	3	0.12
(1,1769)	1:36:A:PRO:HG2	1:37:A:LEU:HG	7	0.12
(1,1702)	1:73:A:ILE:HG21	1:109:A:PRO:HA	13	0.12
(1,1702)	1:73:A:ILE:HG22	1:109:A:PRO:HA	13	0.12
(1,1702)	1:73:A:ILE:HG23	1:109:A:PRO:HA	13	0.12
(1,1698)	1:69:A:MET:HG3	1:109:A:PRO:HA	5	0.12
(1,1681)	1:107:A:LEU:H	1:111:A:GLU:HB2	11	0.12
(1,1681)	1:107:A:LEU:H	1:111:A:GLU:HB3	11	0.12
(1,1668)	1:69:A:MET:HA	1:69:A:MET:HE1	6	0.12
(1,1668)	1:69:A:MET:HA	1:69:A:MET:HE2	6	0.12
(1,1668)	1:69:A:MET:HA	1:69:A:MET:HE3	6	0.12
(1,1620)	1:73:A:ILE:HG21	1:76:A:ARG:H	11	0.12
(1,1620)	1:73:A:ILE:HG22	1:76:A:ARG:H	11	0.12
(1,1620)	1:73:A:ILE:HG23	1:76:A:ARG:H	11	0.12
(1,1620)	1:73:A:ILE:HG21	1:76:A:ARG:H	14	0.12
(1,1620)	1:73:A:ILE:HG22	1:76:A:ARG:H	14	0.12
(1,1620)	1:73:A:ILE:HG23	1:76:A:ARG:H	14	0.12
(1,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	9	0.12
(1,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	9	0.12
(1,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	9	0.12
(1,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	9	0.12
(1,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	9	0.12
(1,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	9	0.12
(1,1603)	1:98:A:ILE:HG21	1:104:A:PHE:HE1	16	0.12
(1,1603)	1:98:A:ILE:HG21	1:104:A:PHE:HE2	16	0.12
(1,1603)	1:98:A:ILE:HG22	1:104:A:PHE:HE1	16	0.12
(1,1603)	1:98:A:ILE:HG22	1:104:A:PHE:HE2	16	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1603)	1:98:A:ILE:HG23	1:104:A:PHE:HE1	16	0.12
(1,1603)	1:98:A:ILE:HG23	1:104:A:PHE:HE2	16	0.12
(1,1598)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	1	0.12
(1,1598)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	1	0.12
(1,1598)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	1	0.12
(1,1545)	1:69:A:MET:HE1	1:109:A:PRO:HB2	13	0.12
(1,1545)	1:69:A:MET:HE1	1:109:A:PRO:HB3	13	0.12
(1,1545)	1:69:A:MET:HE2	1:109:A:PRO:HB2	13	0.12
(1,1545)	1:69:A:MET:HE2	1:109:A:PRO:HB3	13	0.12
(1,1545)	1:69:A:MET:HE3	1:109:A:PRO:HB2	13	0.12
(1,1545)	1:69:A:MET:HE3	1:109:A:PRO:HB3	13	0.12
(1,1534)	1:110:A:MET:HE1	1:113:A:PHE:HE1	14	0.12
(1,1534)	1:110:A:MET:HE1	1:113:A:PHE:HE2	14	0.12
(1,1534)	1:110:A:MET:HE2	1:113:A:PHE:HE1	14	0.12
(1,1534)	1:110:A:MET:HE2	1:113:A:PHE:HE2	14	0.12
(1,1534)	1:110:A:MET:HE3	1:113:A:PHE:HE1	14	0.12
(1,1534)	1:110:A:MET:HE3	1:113:A:PHE:HE2	14	0.12
(1,1508)	1:47:A:ALA:HB1	1:48:A:ARG:HB2	19	0.12
(1,1508)	1:47:A:ALA:HB1	1:48:A:ARG:HB3	19	0.12
(1,1508)	1:47:A:ALA:HB2	1:48:A:ARG:HB2	19	0.12
(1,1508)	1:47:A:ALA:HB2	1:48:A:ARG:HB3	19	0.12
(1,1508)	1:47:A:ALA:HB3	1:48:A:ARG:HB2	19	0.12
(1,1508)	1:47:A:ALA:HB3	1:48:A:ARG:HB3	19	0.12
(1,1500)	1:114:A:ILE:HG21	1:117:A:VAL:H	1	0.12
(1,1500)	1:114:A:ILE:HG22	1:117:A:VAL:H	1	0.12
(1,1500)	1:114:A:ILE:HG23	1:117:A:VAL:H	1	0.12
(1,1488)	1:101:A:ILE:HG21	1:102:A:PRO:HA	5	0.12
(1,1488)	1:101:A:ILE:HG22	1:102:A:PRO:HA	5	0.12
(1,1488)	1:101:A:ILE:HG23	1:102:A:PRO:HA	5	0.12
(1,1484)	1:101:A:ILE:HG21	1:115:A:ALA:H	1	0.12
(1,1484)	1:101:A:ILE:HG22	1:115:A:ALA:H	1	0.12
(1,1484)	1:101:A:ILE:HG23	1:115:A:ALA:H	1	0.12
(1,1482)	1:44:A:GLU:HG3	1:45:A:ALA:HB1	14	0.12
(1,1482)	1:44:A:GLU:HG3	1:45:A:ALA:HB2	14	0.12
(1,1482)	1:44:A:GLU:HG3	1:45:A:ALA:HB3	14	0.12
(1,1472)	1:95:A:ILE:HG21	1:96:A:VAL:H	6	0.12
(1,1472)	1:95:A:ILE:HG22	1:96:A:VAL:H	6	0.12
(1,1472)	1:95:A:ILE:HG23	1:96:A:VAL:H	6	0.12
(1,1467)	1:15:A:ALA:HB1	1:132:A:ALA:HA	12	0.12
(1,1467)	1:15:A:ALA:HB2	1:132:A:ALA:HA	12	0.12
(1,1467)	1:15:A:ALA:HB3	1:132:A:ALA:HA	12	0.12
(1,1424)	1:73:A:ILE:HG21	1:113:A:PHE:HB3	19	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1424)	1:73:A:ILE:HG22	1:113:A:PHE:HB3	19	0.12
(1,1424)	1:73:A:ILE:HG23	1:113:A:PHE:HB3	19	0.12
(1,1395)	1:19:A:ALA:HB1	1:20:A:THR:HG21	3	0.12
(1,1395)	1:19:A:ALA:HB1	1:20:A:THR:HG22	3	0.12
(1,1395)	1:19:A:ALA:HB1	1:20:A:THR:HG23	3	0.12
(1,1395)	1:19:A:ALA:HB2	1:20:A:THR:HG21	3	0.12
(1,1395)	1:19:A:ALA:HB2	1:20:A:THR:HG22	3	0.12
(1,1395)	1:19:A:ALA:HB2	1:20:A:THR:HG23	3	0.12
(1,1395)	1:19:A:ALA:HB3	1:20:A:THR:HG21	3	0.12
(1,1395)	1:19:A:ALA:HB3	1:20:A:THR:HG22	3	0.12
(1,1395)	1:19:A:ALA:HB3	1:20:A:THR:HG23	3	0.12
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG21	18	0.12
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG22	18	0.12
(1,1349)	1:18:A:PHE:HZ	1:117:A:VAL:HG23	18	0.12
(1,1332)	1:106:A:ASP:HA	1:112:A:GLN:HE21	13	0.12
(1,1263)	1:23:A:LEU:HD11	1:25:A:ALA:H	15	0.12
(1,1263)	1:23:A:LEU:HD12	1:25:A:ALA:H	15	0.12
(1,1263)	1:23:A:LEU:HD13	1:25:A:ALA:H	15	0.12
(1,1256)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	1	0.12
(1,1256)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	1	0.12
(1,1256)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	1	0.12
(1,1256)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	1	0.12
(1,1256)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	1	0.12
(1,1256)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	1	0.12
(1,1256)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	1	0.12
(1,1256)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	1	0.12
(1,1256)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	1	0.12
(1,1203)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	7	0.12
(1,1203)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	7	0.12
(1,1203)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	7	0.12
(1,1203)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	7	0.12
(1,1203)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	7	0.12
(1,1203)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	7	0.12
(1,1203)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	7	0.12
(1,1203)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	7	0.12
(1,1203)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	7	0.12
(1,1131)	1:143:A:TRP:HA	1:143:A:TRP:HE3	15	0.12
(1,1106)	1:136:A:CYS:HB3	1:141:A:LYS:HA	13	0.12
(1,1078)	1:140:A:LEU:H	1:140:A:LEU:HG	12	0.12
(1,1033)	1:149:A:ALA:HB1	1:150:A:THR:HA	7	0.12
(1,1033)	1:149:A:ALA:HB2	1:150:A:THR:HA	7	0.12
(1,1033)	1:149:A:ALA:HB3	1:150:A:THR:HA	7	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,932)	1:19:A:ALA:HB1	1:20:A:THR:HB	12	0.12
(1,932)	1:19:A:ALA:HB2	1:20:A:THR:HB	12	0.12
(1,932)	1:19:A:ALA:HB3	1:20:A:THR:HB	12	0.12
(1,895)	1:138:A:ASP:HB2	1:141:A:LYS:HB2	7	0.12
(1,895)	1:138:A:ASP:HB2	1:141:A:LYS:HB3	7	0.12
(1,895)	1:138:A:ASP:HB3	1:141:A:LYS:HB2	7	0.12
(1,895)	1:138:A:ASP:HB3	1:141:A:LYS:HB3	7	0.12
(1,880)	1:60:A:LEU:HB3	1:61:A:SER:H	15	0.12
(1,800)	1:60:A:LEU:H	1:63:A:ILE:HD11	17	0.12
(1,800)	1:60:A:LEU:H	1:63:A:ILE:HD12	17	0.12
(1,800)	1:60:A:LEU:H	1:63:A:ILE:HD13	17	0.12
(1,735)	1:50:A:ALA:H	1:130:A:GLY:HA3	4	0.12
(1,663)	1:99:A:PRO:HG3	1:100:A:ALA:H	3	0.12
(1,663)	1:99:A:PRO:HG3	1:100:A:ALA:H	19	0.12
(1,622)	1:29:A:LYS:H	1:30:A:LEU:H	15	0.12
(1,621)	1:23:A:LEU:HD21	1:25:A:ALA:H	8	0.12
(1,621)	1:23:A:LEU:HD22	1:25:A:ALA:H	8	0.12
(1,621)	1:23:A:LEU:HD23	1:25:A:ALA:H	8	0.12
(1,597)	1:74:A:PRO:HD2	1:75:A:GLY:H	11	0.12
(1,589)	1:124:A:THR:HG1	1:126:A:GLY:H	17	0.12
(1,526)	1:74:A:PRO:HA	1:77:A:CYS:H	16	0.12
(1,497)	1:8:A:ASP:HB2	1:9:A:PHE:H	4	0.12
(1,364)	1:101:A:ILE:HG21	1:104:A:PHE:H	19	0.12
(1,364)	1:101:A:ILE:HG22	1:104:A:PHE:H	19	0.12
(1,364)	1:101:A:ILE:HG23	1:104:A:PHE:H	19	0.12
(1,357)	1:104:A:PHE:H	1:104:A:PHE:HD1	18	0.12
(1,357)	1:104:A:PHE:H	1:104:A:PHE:HD2	18	0.12
(1,326)	1:44:A:GLU:HG3	1:46:A:ASN:H	9	0.12
(1,250)	1:23:A:LEU:HB2	1:24:A:ASP:H	3	0.12
(1,250)	1:23:A:LEU:HB3	1:24:A:ASP:H	3	0.12
(1,250)	1:23:A:LEU:HB2	1:24:A:ASP:H	17	0.12
(1,250)	1:23:A:LEU:HB3	1:24:A:ASP:H	17	0.12
(1,221)	1:98:A:ILE:HD11	1:101:A:ILE:H	11	0.12
(1,221)	1:98:A:ILE:HD12	1:101:A:ILE:H	11	0.12
(1,221)	1:98:A:ILE:HD13	1:101:A:ILE:H	11	0.12
(1,221)	1:98:A:ILE:HD11	1:101:A:ILE:H	18	0.12
(1,221)	1:98:A:ILE:HD12	1:101:A:ILE:H	18	0.12
(1,221)	1:98:A:ILE:HD13	1:101:A:ILE:H	18	0.12
(1,201)	1:44:A:GLU:H	1:44:A:GLU:HG3	14	0.12
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB1	10	0.12
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB2	10	0.12
(1,190)	1:93:A:GLU:H	1:94:A:ALA:HB3	10	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,176)	1:95:A:ILE:H	1:95:A:ILE:HB	14	0.12
(1,169)	1:50:A:ALA:HB1	1:127:A:CYS:H	5	0.12
(1,169)	1:50:A:ALA:HB2	1:127:A:CYS:H	5	0.12
(1,169)	1:50:A:ALA:HB3	1:127:A:CYS:H	5	0.12
(1,123)	1:80:A:TYR:H	1:81:A:GLU:HG2	4	0.12
(1,123)	1:80:A:TYR:H	1:81:A:GLU:HG3	4	0.12
(1,53)	1:44:A:GLU:HB2	1:47:A:ALA:H	2	0.12
(1,53)	1:44:A:GLU:HB3	1:47:A:ALA:H	2	0.12
(1,49)	1:98:A:ILE:H	1:104:A:PHE:HB3	16	0.12
(1,39)	1:95:A:ILE:HB	1:96:A:VAL:H	3	0.12
(1,39)	1:95:A:ILE:HB	1:96:A:VAL:H	8	0.12
(34,2476)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	18	0.11
(34,2476)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	18	0.11
(34,2476)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	18	0.11
(34,2476)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	18	0.11
(34,2476)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	18	0.11
(34,2476)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	18	0.11
(34,2459)	1:139:A:LEU:H	1:139:A:LEU:HD11	7	0.11
(34,2459)	1:139:A:LEU:H	1:139:A:LEU:HD12	7	0.11
(34,2459)	1:139:A:LEU:H	1:139:A:LEU:HD13	7	0.11
(34,2459)	1:139:A:LEU:H	1:139:A:LEU:HD21	7	0.11
(34,2459)	1:139:A:LEU:H	1:139:A:LEU:HD22	7	0.11
(34,2459)	1:139:A:LEU:H	1:139:A:LEU:HD23	7	0.11
(34,2398)	1:123:A:CYS:H	1:128:A:LEU:HD11	10	0.11
(34,2398)	1:123:A:CYS:H	1:128:A:LEU:HD12	10	0.11
(34,2398)	1:123:A:CYS:H	1:128:A:LEU:HD13	10	0.11
(34,2398)	1:123:A:CYS:H	1:128:A:LEU:HD21	10	0.11
(34,2398)	1:123:A:CYS:H	1:128:A:LEU:HD22	10	0.11
(34,2398)	1:123:A:CYS:H	1:128:A:LEU:HD23	10	0.11
(34,2395)	1:119:A:LEU:HD11	1:121:A:VAL:H	13	0.11
(34,2395)	1:119:A:LEU:HD12	1:121:A:VAL:H	13	0.11
(34,2395)	1:119:A:LEU:HD13	1:121:A:VAL:H	13	0.11
(34,2395)	1:119:A:LEU:HD21	1:121:A:VAL:H	13	0.11
(34,2395)	1:119:A:LEU:HD22	1:121:A:VAL:H	13	0.11
(34,2395)	1:119:A:LEU:HD23	1:121:A:VAL:H	13	0.11
(34,2334)	1:107:A:LEU:HD11	1:111:A:GLU:H	3	0.11
(34,2334)	1:107:A:LEU:HD12	1:111:A:GLU:H	3	0.11
(34,2334)	1:107:A:LEU:HD13	1:111:A:GLU:H	3	0.11
(34,2334)	1:107:A:LEU:HD21	1:111:A:GLU:H	3	0.11
(34,2334)	1:107:A:LEU:HD22	1:111:A:GLU:H	3	0.11
(34,2334)	1:107:A:LEU:HD23	1:111:A:GLU:H	3	0.11
(34,2333)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	8	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2333)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	8	0.11
(34,2333)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	8	0.11
(34,2333)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	8	0.11
(34,2333)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	8	0.11
(34,2333)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	8	0.11
(34,2333)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	8	0.11
(34,2333)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	8	0.11
(34,2333)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	8	0.11
(34,2333)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	8	0.11
(34,2333)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	8	0.11
(34,2333)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	8	0.11
(34,2306)	1:100:A:ALA:HA	1:119:A:LEU:HD11	5	0.11
(34,2306)	1:100:A:ALA:HA	1:119:A:LEU:HD12	5	0.11
(34,2306)	1:100:A:ALA:HA	1:119:A:LEU:HD13	5	0.11
(34,2306)	1:100:A:ALA:HA	1:119:A:LEU:HD21	5	0.11
(34,2306)	1:100:A:ALA:HA	1:119:A:LEU:HD22	5	0.11
(34,2306)	1:100:A:ALA:HA	1:119:A:LEU:HD23	5	0.11
(34,2292)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	3	0.11
(34,2292)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	3	0.11
(34,2292)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	3	0.11
(34,2292)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	3	0.11
(34,2292)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	3	0.11
(34,2292)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	3	0.11
(34,2292)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	3	0.11
(34,2292)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	3	0.11
(34,2292)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	3	0.11
(34,2292)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	3	0.11
(34,2292)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	3	0.11
(34,2292)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	3	0.11
(34,2291)	1:96:A:VAL:HG11	1:116:A:GLN:HG2	1	0.11
(34,2291)	1:96:A:VAL:HG12	1:116:A:GLN:HG2	1	0.11
(34,2291)	1:96:A:VAL:HG13	1:116:A:GLN:HG2	1	0.11
(34,2291)	1:96:A:VAL:HG21	1:116:A:GLN:HG2	1	0.11
(34,2291)	1:96:A:VAL:HG22	1:116:A:GLN:HG2	1	0.11
(34,2291)	1:96:A:VAL:HG23	1:116:A:GLN:HG2	1	0.11
(34,2291)	1:96:A:VAL:HG11	1:116:A:GLN:HG2	7	0.11
(34,2291)	1:96:A:VAL:HG12	1:116:A:GLN:HG2	7	0.11
(34,2291)	1:96:A:VAL:HG13	1:116:A:GLN:HG2	7	0.11
(34,2291)	1:96:A:VAL:HG21	1:116:A:GLN:HG2	7	0.11
(34,2291)	1:96:A:VAL:HG22	1:116:A:GLN:HG2	7	0.11
(34,2291)	1:96:A:VAL:HG23	1:116:A:GLN:HG2	7	0.11
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	17	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	17	0.11
(34,2288)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	17	0.11
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	17	0.11
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	17	0.11
(34,2288)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	17	0.11
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	17	0.11
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	17	0.11
(34,2288)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	17	0.11
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	17	0.11
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	17	0.11
(34,2288)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	17	0.11
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	17	0.11
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	17	0.11
(34,2288)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	17	0.11
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	17	0.11
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	17	0.11
(34,2288)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	17	0.11
(34,2287)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	5	0.11
(34,2287)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	5	0.11
(34,2287)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	5	0.11
(34,2287)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	5	0.11
(34,2287)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	5	0.11
(34,2287)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	5	0.11
(34,2287)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	5	0.11
(34,2287)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	5	0.11
(34,2287)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	5	0.11
(34,2287)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	5	0.11
(34,2287)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	5	0.11
(34,2287)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	5	0.11
(34,2227)	1:65:A:CYS:HB2	1:70:A:LYS:HA	9	0.11
(34,2227)	1:65:A:CYS:HB3	1:70:A:LYS:HA	9	0.11
(34,2171)	1:47:A:ALA:HB1	1:131:A:LEU:HD11	11	0.11
(34,2171)	1:47:A:ALA:HB1	1:131:A:LEU:HD12	11	0.11
(34,2171)	1:47:A:ALA:HB1	1:131:A:LEU:HD13	11	0.11
(34,2171)	1:47:A:ALA:HB1	1:131:A:LEU:HD21	11	0.11
(34,2171)	1:47:A:ALA:HB1	1:131:A:LEU:HD22	11	0.11
(34,2171)	1:47:A:ALA:HB1	1:131:A:LEU:HD23	11	0.11
(34,2171)	1:47:A:ALA:HB2	1:131:A:LEU:HD11	11	0.11
(34,2171)	1:47:A:ALA:HB2	1:131:A:LEU:HD12	11	0.11
(34,2171)	1:47:A:ALA:HB2	1:131:A:LEU:HD13	11	0.11
(34,2171)	1:47:A:ALA:HB2	1:131:A:LEU:HD21	11	0.11
(34,2171)	1:47:A:ALA:HB2	1:131:A:LEU:HD22	11	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2171)	1:47:A:ALA:HB2	1:131:A:LEU:HD23	11	0.11
(34,2171)	1:47:A:ALA:HB3	1:131:A:LEU:HD11	11	0.11
(34,2171)	1:47:A:ALA:HB3	1:131:A:LEU:HD12	11	0.11
(34,2171)	1:47:A:ALA:HB3	1:131:A:LEU:HD13	11	0.11
(34,2171)	1:47:A:ALA:HB3	1:131:A:LEU:HD21	11	0.11
(34,2171)	1:47:A:ALA:HB3	1:131:A:LEU:HD22	11	0.11
(34,2171)	1:47:A:ALA:HB3	1:131:A:LEU:HD23	11	0.11
(34,2152)	1:43:A:MET:HG3	1:46:A:ASN:HD21	4	0.11
(34,2152)	1:43:A:MET:HG3	1:46:A:ASN:HD22	4	0.11
(34,2135)	1:40:A:LEU:HD11	1:41:A:LYS:HA	8	0.11
(34,2135)	1:40:A:LEU:HD12	1:41:A:LYS:HA	8	0.11
(34,2135)	1:40:A:LEU:HD13	1:41:A:LYS:HA	8	0.11
(34,2135)	1:40:A:LEU:HD21	1:41:A:LYS:HA	8	0.11
(34,2135)	1:40:A:LEU:HD22	1:41:A:LYS:HA	8	0.11
(34,2135)	1:40:A:LEU:HD23	1:41:A:LYS:HA	8	0.11
(34,2132)	1:40:A:LEU:HA	1:40:A:LEU:HD11	12	0.11
(34,2132)	1:40:A:LEU:HA	1:40:A:LEU:HD12	12	0.11
(34,2132)	1:40:A:LEU:HA	1:40:A:LEU:HD13	12	0.11
(34,2132)	1:40:A:LEU:HA	1:40:A:LEU:HD21	12	0.11
(34,2132)	1:40:A:LEU:HA	1:40:A:LEU:HD22	12	0.11
(34,2132)	1:40:A:LEU:HA	1:40:A:LEU:HD23	12	0.11
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD11	9	0.11
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD12	9	0.11
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD13	9	0.11
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD21	9	0.11
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD22	9	0.11
(34,2111)	1:39:A:VAL:HB	1:139:A:LEU:HD23	9	0.11
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD11	6	0.11
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD12	6	0.11
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD13	6	0.11
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD21	6	0.11
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD22	6	0.11
(34,2102)	1:38:A:GLU:HA	1:139:A:LEU:HD23	6	0.11
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD11	6	0.11
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD12	6	0.11
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD13	6	0.11
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD21	6	0.11
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD22	6	0.11
(34,2100)	1:38:A:GLU:H	1:139:A:LEU:HD23	6	0.11
(34,2043)	1:22:A:ASP:H	1:23:A:LEU:HD11	10	0.11
(34,2043)	1:22:A:ASP:H	1:23:A:LEU:HD12	10	0.11
(34,2043)	1:22:A:ASP:H	1:23:A:LEU:HD13	10	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2043)	1:22:A:ASP:H	1:23:A:LEU:HD21	10	0.11
(34,2043)	1:22:A:ASP:H	1:23:A:LEU:HD22	10	0.11
(34,2043)	1:22:A:ASP:H	1:23:A:LEU:HD23	10	0.11
(34,1977)	1:12:A:VAL:HG11	1:79:A:THR:HA	7	0.11
(34,1977)	1:12:A:VAL:HG12	1:79:A:THR:HA	7	0.11
(34,1977)	1:12:A:VAL:HG13	1:79:A:THR:HA	7	0.11
(34,1977)	1:12:A:VAL:HG21	1:79:A:THR:HA	7	0.11
(34,1977)	1:12:A:VAL:HG22	1:79:A:THR:HA	7	0.11
(34,1977)	1:12:A:VAL:HG23	1:79:A:THR:HA	7	0.11
(34,1977)	1:12:A:VAL:HG11	1:79:A:THR:HA	11	0.11
(34,1977)	1:12:A:VAL:HG12	1:79:A:THR:HA	11	0.11
(34,1977)	1:12:A:VAL:HG13	1:79:A:THR:HA	11	0.11
(34,1977)	1:12:A:VAL:HG21	1:79:A:THR:HA	11	0.11
(34,1977)	1:12:A:VAL:HG22	1:79:A:THR:HA	11	0.11
(34,1977)	1:12:A:VAL:HG23	1:79:A:THR:HA	11	0.11
(34,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	3	0.11
(34,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	3	0.11
(34,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	3	0.11
(34,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	3	0.11
(34,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	3	0.11
(34,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	3	0.11
(34,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	3	0.11
(34,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	3	0.11
(34,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	3	0.11
(34,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	3	0.11
(34,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	3	0.11
(34,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	3	0.11
(34,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	3	0.11
(34,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	3	0.11
(34,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	3	0.11
(34,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	3	0.11
(34,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	3	0.11
(34,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	3	0.11
(34,1906)	1:63:A:ILE:HB	1:113:A:PHE:HD1	8	0.11
(34,1906)	1:63:A:ILE:HB	1:113:A:PHE:HD2	8	0.11
(34,1881)	1:14:A:VAL:HG21	1:18:A:PHE:HD1	7	0.11
(34,1881)	1:14:A:VAL:HG21	1:18:A:PHE:HD2	7	0.11
(34,1881)	1:14:A:VAL:HG22	1:18:A:PHE:HD1	7	0.11
(34,1881)	1:14:A:VAL:HG22	1:18:A:PHE:HD2	7	0.11
(34,1881)	1:14:A:VAL:HG23	1:18:A:PHE:HD1	7	0.11
(34,1881)	1:14:A:VAL:HG23	1:18:A:PHE:HD2	7	0.11
(34,1875)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	5	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1875)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	5	0.11
(34,1817)	1:104:A:PHE:HE1	1:105:A:LYS:HA	11	0.11
(34,1817)	1:104:A:PHE:HE2	1:105:A:LYS:HA	11	0.11
(34,1785)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	16	0.11
(34,1785)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	16	0.11
(34,1749)	1:105:A:LYS:HG3	1:106:A:ASP:HA	10	0.11
(34,1701)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.11
(34,1701)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.11
(34,1701)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.11
(34,1681)	1:107:A:LEU:H	1:111:A:GLU:HB2	5	0.11
(34,1681)	1:107:A:LEU:H	1:111:A:GLU:HB3	5	0.11
(34,1671)	1:69:A:MET:H	1:69:A:MET:HE1	14	0.11
(34,1671)	1:69:A:MET:H	1:69:A:MET:HE2	14	0.11
(34,1671)	1:69:A:MET:H	1:69:A:MET:HE3	14	0.11
(34,1666)	1:46:A:ASN:HB2	1:134:A:VAL:HG21	4	0.11
(34,1666)	1:46:A:ASN:HB2	1:134:A:VAL:HG22	4	0.11
(34,1666)	1:46:A:ASN:HB2	1:134:A:VAL:HG23	4	0.11
(34,1641)	1:79:A:THR:H	1:80:A:TYR:HA	2	0.11
(34,1597)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	19	0.11
(34,1597)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	19	0.11
(34,1597)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	19	0.11
(34,1584)	1:11:A:ILE:HD11	1:14:A:VAL:H	8	0.11
(34,1584)	1:11:A:ILE:HD12	1:14:A:VAL:H	8	0.11
(34,1584)	1:11:A:ILE:HD13	1:14:A:VAL:H	8	0.11
(34,1584)	1:11:A:ILE:HD11	1:14:A:VAL:H	9	0.11
(34,1584)	1:11:A:ILE:HD12	1:14:A:VAL:H	9	0.11
(34,1584)	1:11:A:ILE:HD13	1:14:A:VAL:H	9	0.11
(34,1546)	1:66:A:THR:HG21	1:69:A:MET:HE1	4	0.11
(34,1546)	1:66:A:THR:HG21	1:69:A:MET:HE2	4	0.11
(34,1546)	1:66:A:THR:HG21	1:69:A:MET:HE3	4	0.11
(34,1546)	1:66:A:THR:HG22	1:69:A:MET:HE1	4	0.11
(34,1546)	1:66:A:THR:HG22	1:69:A:MET:HE2	4	0.11
(34,1546)	1:66:A:THR:HG22	1:69:A:MET:HE3	4	0.11
(34,1546)	1:66:A:THR:HG23	1:69:A:MET:HE1	4	0.11
(34,1546)	1:66:A:THR:HG23	1:69:A:MET:HE2	4	0.11
(34,1546)	1:66:A:THR:HG23	1:69:A:MET:HE3	4	0.11
(34,1530)	1:69:A:MET:HE1	1:110:A:MET:H	11	0.11
(34,1530)	1:69:A:MET:HE2	1:110:A:MET:H	11	0.11
(34,1530)	1:69:A:MET:HE3	1:110:A:MET:H	11	0.11
(34,1529)	1:11:A:ILE:HG21	1:43:A:MET:HE1	12	0.11
(34,1529)	1:11:A:ILE:HG21	1:43:A:MET:HE2	12	0.11
(34,1529)	1:11:A:ILE:HG21	1:43:A:MET:HE3	12	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1529)	1:11:A:ILE:HG22	1:43:A:MET:HE1	12	0.11
(34,1529)	1:11:A:ILE:HG22	1:43:A:MET:HE2	12	0.11
(34,1529)	1:11:A:ILE:HG22	1:43:A:MET:HE3	12	0.11
(34,1529)	1:11:A:ILE:HG23	1:43:A:MET:HE1	12	0.11
(34,1529)	1:11:A:ILE:HG23	1:43:A:MET:HE2	12	0.11
(34,1529)	1:11:A:ILE:HG23	1:43:A:MET:HE3	12	0.11
(34,1495)	1:101:A:ILE:HG21	1:116:A:GLN:H	2	0.11
(34,1495)	1:101:A:ILE:HG22	1:116:A:GLN:H	2	0.11
(34,1495)	1:101:A:ILE:HG23	1:116:A:GLN:H	2	0.11
(34,1495)	1:101:A:ILE:HG21	1:116:A:GLN:H	18	0.11
(34,1495)	1:101:A:ILE:HG22	1:116:A:GLN:H	18	0.11
(34,1495)	1:101:A:ILE:HG23	1:116:A:GLN:H	18	0.11
(34,1491)	1:101:A:ILE:HG21	1:115:A:ALA:H	5	0.11
(34,1491)	1:101:A:ILE:HG22	1:115:A:ALA:H	5	0.11
(34,1491)	1:101:A:ILE:HG23	1:115:A:ALA:H	5	0.11
(34,1491)	1:101:A:ILE:HG21	1:115:A:ALA:H	11	0.11
(34,1491)	1:101:A:ILE:HG22	1:115:A:ALA:H	11	0.11
(34,1491)	1:101:A:ILE:HG23	1:115:A:ALA:H	11	0.11
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	1	0.11
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	1	0.11
(34,1489)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	1	0.11
(34,1467)	1:30:A:LEU:H	1:31:A:PRO:HD3	5	0.11
(34,1467)	1:30:A:LEU:H	1:31:A:PRO:HD3	13	0.11
(34,1459)	1:50:A:ALA:HB1	1:130:A:GLY:H	5	0.11
(34,1459)	1:50:A:ALA:HB2	1:130:A:GLY:H	5	0.11
(34,1459)	1:50:A:ALA:HB3	1:130:A:GLY:H	5	0.11
(34,1275)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	11	0.11
(34,1275)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	11	0.11
(34,1275)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	11	0.11
(34,1275)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	11	0.11
(34,1275)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	11	0.11
(34,1275)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	11	0.11
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD21	13	0.11
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD22	13	0.11
(34,1267)	1:39:A:VAL:H	1:139:A:LEU:HD23	13	0.11
(34,1187)	1:101:A:ILE:HA	1:101:A:ILE:HD11	19	0.11
(34,1187)	1:101:A:ILE:HA	1:101:A:ILE:HD12	19	0.11
(34,1187)	1:101:A:ILE:HA	1:101:A:ILE:HD13	19	0.11
(34,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE1	18	0.11
(34,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE2	18	0.11
(34,1164)	1:138:A:ASP:HA	1:141:A:LYS:H	16	0.11
(34,1153)	1:40:A:LEU:HA	1:44:A:GLU:HB2	7	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1153)	1:40:A:LEU:HA	1:44:A:GLU:HB3	7	0.11
(34,1153)	1:40:A:LEU:HA	1:44:A:GLU:HB2	13	0.11
(34,1153)	1:40:A:LEU:HA	1:44:A:GLU:HB3	13	0.11
(34,1088)	1:13:A:ALA:HB1	1:79:A:THR:HA	17	0.11
(34,1088)	1:13:A:ALA:HB2	1:79:A:THR:HA	17	0.11
(34,1088)	1:13:A:ALA:HB3	1:79:A:THR:HA	17	0.11
(34,1083)	1:79:A:THR:HA	1:80:A:TYR:HD1	12	0.11
(34,1083)	1:79:A:THR:HA	1:80:A:TYR:HD2	12	0.11
(34,1048)	1:27:A:ARG:HB2	1:28:A:GLY:HA2	17	0.11
(34,1048)	1:27:A:ARG:HB2	1:28:A:GLY:HA3	17	0.11
(34,1045)	1:149:A:ALA:HB1	1:150:A:THR:HA	13	0.11
(34,1045)	1:149:A:ALA:HB2	1:150:A:THR:HA	13	0.11
(34,1045)	1:149:A:ALA:HB3	1:150:A:THR:HA	13	0.11
(34,991)	1:11:A:ILE:HG12	1:14:A:VAL:HB	9	0.11
(34,991)	1:11:A:ILE:HG12	1:14:A:VAL:HB	19	0.11
(34,972)	1:40:A:LEU:HA	1:43:A:MET:HG3	15	0.11
(34,879)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	18	0.11
(34,879)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	18	0.11
(34,879)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	18	0.11
(34,856)	1:71:A:LYS:HE2	1:72:A:PHE:HE1	11	0.11
(34,856)	1:71:A:LYS:HE2	1:72:A:PHE:HE2	11	0.11
(34,856)	1:71:A:LYS:HE3	1:72:A:PHE:HE1	11	0.11
(34,856)	1:71:A:LYS:HE3	1:72:A:PHE:HE2	11	0.11
(34,846)	1:48:A:ARG:HA	1:48:A:ARG:HD2	15	0.11
(34,846)	1:48:A:ARG:HA	1:48:A:ARG:HD3	15	0.11
(34,844)	1:48:A:ARG:H	1:48:A:ARG:HD2	4	0.11
(34,844)	1:48:A:ARG:H	1:48:A:ARG:HD3	4	0.11
(34,844)	1:48:A:ARG:H	1:48:A:ARG:HD2	18	0.11
(34,844)	1:48:A:ARG:H	1:48:A:ARG:HD3	18	0.11
(34,842)	1:48:A:ARG:HD2	1:49:A:LYS:HA	17	0.11
(34,842)	1:48:A:ARG:HD3	1:49:A:LYS:HA	17	0.11
(34,834)	1:114:A:ILE:HD11	1:115:A:ALA:H	7	0.11
(34,834)	1:114:A:ILE:HD12	1:115:A:ALA:H	7	0.11
(34,834)	1:114:A:ILE:HD13	1:115:A:ALA:H	7	0.11
(34,834)	1:114:A:ILE:HD11	1:115:A:ALA:H	12	0.11
(34,834)	1:114:A:ILE:HD12	1:115:A:ALA:H	12	0.11
(34,834)	1:114:A:ILE:HD13	1:115:A:ALA:H	12	0.11
(34,826)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	14	0.11
(34,826)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	14	0.11
(34,826)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	14	0.11
(34,804)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	11	0.11
(34,804)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	11	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,804)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	11	0.11
(34,804)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	11	0.11
(34,804)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	11	0.11
(34,804)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	11	0.11
(34,803)	1:11:A:ILE:HD11	1:47:A:ALA:HB1	13	0.11
(34,803)	1:11:A:ILE:HD11	1:47:A:ALA:HB2	13	0.11
(34,803)	1:11:A:ILE:HD11	1:47:A:ALA:HB3	13	0.11
(34,803)	1:11:A:ILE:HD12	1:47:A:ALA:HB1	13	0.11
(34,803)	1:11:A:ILE:HD12	1:47:A:ALA:HB2	13	0.11
(34,803)	1:11:A:ILE:HD12	1:47:A:ALA:HB3	13	0.11
(34,803)	1:11:A:ILE:HD13	1:47:A:ALA:HB1	13	0.11
(34,803)	1:11:A:ILE:HD13	1:47:A:ALA:HB2	13	0.11
(34,803)	1:11:A:ILE:HD13	1:47:A:ALA:HB3	13	0.11
(34,791)	1:50:A:ALA:HB1	1:130:A:GLY:HA2	9	0.11
(34,791)	1:50:A:ALA:HB2	1:130:A:GLY:HA2	9	0.11
(34,791)	1:50:A:ALA:HB3	1:130:A:GLY:HA2	9	0.11
(34,777)	1:69:A:MET:HG3	1:73:A:ILE:HD11	19	0.11
(34,777)	1:69:A:MET:HG3	1:73:A:ILE:HD12	19	0.11
(34,777)	1:69:A:MET:HG3	1:73:A:ILE:HD13	19	0.11
(34,768)	1:41:A:LYS:HG2	1:42:A:GLU:H	19	0.11
(34,721)	1:44:A:GLU:HB2	1:48:A:ARG:HE	8	0.11
(34,721)	1:44:A:GLU:HB3	1:48:A:ARG:HE	8	0.11
(34,705)	1:98:A:ILE:H	1:104:A:PHE:H	8	0.11
(34,705)	1:98:A:ILE:H	1:104:A:PHE:H	15	0.11
(34,664)	1:101:A:ILE:H	1:104:A:PHE:HB3	13	0.11
(34,662)	1:98:A:ILE:H	1:100:A:ALA:H	10	0.11
(34,649)	1:66:A:THR:H	1:69:A:MET:HA	14	0.11
(34,607)	1:55:A:GLY:H	1:57:A:LEU:H	6	0.11
(34,594)	1:126:A:GLY:H	1:128:A:LEU:HB2	15	0.11
(34,568)	1:124:A:THR:H	1:128:A:LEU:HD11	13	0.11
(34,568)	1:124:A:THR:H	1:128:A:LEU:HD12	13	0.11
(34,568)	1:124:A:THR:H	1:128:A:LEU:HD13	13	0.11
(34,566)	1:124:A:THR:H	1:128:A:LEU:HD21	19	0.11
(34,566)	1:124:A:THR:H	1:128:A:LEU:HD22	19	0.11
(34,566)	1:124:A:THR:H	1:128:A:LEU:HD23	19	0.11
(34,565)	1:73:A:ILE:HD11	1:110:A:MET:H	13	0.11
(34,565)	1:73:A:ILE:HD12	1:110:A:MET:H	13	0.11
(34,565)	1:73:A:ILE:HD13	1:110:A:MET:H	13	0.11
(34,496)	1:79:A:THR:H	1:79:A:THR:HG21	13	0.11
(34,496)	1:79:A:THR:H	1:79:A:THR:HG22	13	0.11
(34,496)	1:79:A:THR:H	1:79:A:THR:HG23	13	0.11
(34,481)	1:14:A:VAL:H	1:61:A:SER:HA	10	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,326)	1:56:A:CYS:HA	1:122:A:ASP:H	11	0.11
(34,311)	1:65:A:CYS:H	1:65:A:CYS:HB2	11	0.11
(34,303)	1:128:A:LEU:HB3	1:129:A:LYS:H	4	0.11
(34,245)	1:47:A:ALA:HB1	1:50:A:ALA:H	5	0.11
(34,245)	1:47:A:ALA:HB2	1:50:A:ALA:H	5	0.11
(34,245)	1:47:A:ALA:HB3	1:50:A:ALA:H	5	0.11
(34,242)	1:50:A:ALA:H	1:52:A:CYS:H	9	0.11
(34,185)	1:93:A:GLU:H	1:93:A:GLU:HG2	13	0.11
(34,185)	1:93:A:GLU:H	1:93:A:GLU:HG3	13	0.11
(34,185)	1:93:A:GLU:H	1:93:A:GLU:HG2	15	0.11
(34,185)	1:93:A:GLU:H	1:93:A:GLU:HG3	15	0.11
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD11	5	0.11
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD12	5	0.11
(34,183)	1:8:A:ASP:H	1:58:A:ILE:HD13	5	0.11
(34,67)	1:13:A:ALA:HB1	1:81:A:GLU:H	12	0.11
(34,67)	1:13:A:ALA:HB2	1:81:A:GLU:H	12	0.11
(34,67)	1:13:A:ALA:HB3	1:81:A:GLU:H	12	0.11
(33,2433)	1:131:A:LEU:H	1:131:A:LEU:HD11	13	0.11
(33,2433)	1:131:A:LEU:H	1:131:A:LEU:HD12	13	0.11
(33,2433)	1:131:A:LEU:H	1:131:A:LEU:HD13	13	0.11
(33,2433)	1:131:A:LEU:H	1:131:A:LEU:HD21	13	0.11
(33,2433)	1:131:A:LEU:H	1:131:A:LEU:HD22	13	0.11
(33,2433)	1:131:A:LEU:H	1:131:A:LEU:HD23	13	0.11
(33,2398)	1:119:A:LEU:HD11	1:121:A:VAL:H	13	0.11
(33,2398)	1:119:A:LEU:HD12	1:121:A:VAL:H	13	0.11
(33,2398)	1:119:A:LEU:HD13	1:121:A:VAL:H	13	0.11
(33,2398)	1:119:A:LEU:HD21	1:121:A:VAL:H	13	0.11
(33,2398)	1:119:A:LEU:HD22	1:121:A:VAL:H	13	0.11
(33,2398)	1:119:A:LEU:HD23	1:121:A:VAL:H	13	0.11
(33,2337)	1:107:A:LEU:HD11	1:111:A:GLU:H	3	0.11
(33,2337)	1:107:A:LEU:HD12	1:111:A:GLU:H	3	0.11
(33,2337)	1:107:A:LEU:HD13	1:111:A:GLU:H	3	0.11
(33,2337)	1:107:A:LEU:HD21	1:111:A:GLU:H	3	0.11
(33,2337)	1:107:A:LEU:HD22	1:111:A:GLU:H	3	0.11
(33,2337)	1:107:A:LEU:HD23	1:111:A:GLU:H	3	0.11
(33,2304)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	15	0.11
(33,2304)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	15	0.11
(33,2304)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	15	0.11
(33,2304)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	15	0.11
(33,2304)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	15	0.11
(33,2304)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	15	0.11
(33,2304)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	15	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2304)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	15	0.11
(33,2304)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	15	0.11
(33,2304)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	15	0.11
(33,2304)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	15	0.11
(33,2304)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	15	0.11
(33,2292)	1:81:A:GLU:H	1:81:A:GLU:HB2	8	0.11
(33,2292)	1:81:A:GLU:H	1:81:A:GLU:HB3	8	0.11
(33,2243)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	9	0.11
(33,2243)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	9	0.11
(33,2243)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	9	0.11
(33,2243)	1:67:A:PRO:HD3	1:70:A:LYS:HG3	9	0.11
(33,2233)	1:65:A:CYS:HB2	1:70:A:LYS:HG2	18	0.11
(33,2233)	1:65:A:CYS:HB2	1:70:A:LYS:HG3	18	0.11
(33,2233)	1:65:A:CYS:HB3	1:70:A:LYS:HG2	18	0.11
(33,2233)	1:65:A:CYS:HB3	1:70:A:LYS:HG3	18	0.11
(33,2232)	1:65:A:CYS:HB2	1:70:A:LYS:HA	9	0.11
(33,2232)	1:65:A:CYS:HB3	1:70:A:LYS:HA	9	0.11
(33,2229)	1:65:A:CYS:HB2	1:69:A:MET:HG2	9	0.11
(33,2229)	1:65:A:CYS:HB2	1:69:A:MET:HG3	9	0.11
(33,2229)	1:65:A:CYS:HB3	1:69:A:MET:HG2	9	0.11
(33,2229)	1:65:A:CYS:HB3	1:69:A:MET:HG3	9	0.11
(33,2229)	1:65:A:CYS:HB2	1:69:A:MET:HG2	11	0.11
(33,2229)	1:65:A:CYS:HB2	1:69:A:MET:HG3	11	0.11
(33,2229)	1:65:A:CYS:HB3	1:69:A:MET:HG2	11	0.11
(33,2229)	1:65:A:CYS:HB3	1:69:A:MET:HG3	11	0.11
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD11	5	0.11
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD12	5	0.11
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD13	5	0.11
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD21	5	0.11
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD22	5	0.11
(33,2196)	1:57:A:LEU:HG	1:60:A:LEU:HD23	5	0.11
(33,2134)	1:40:A:LEU:HD11	1:43:A:MET:H	13	0.11
(33,2134)	1:40:A:LEU:HD12	1:43:A:MET:H	13	0.11
(33,2134)	1:40:A:LEU:HD13	1:43:A:MET:H	13	0.11
(33,2134)	1:40:A:LEU:HD21	1:43:A:MET:H	13	0.11
(33,2134)	1:40:A:LEU:HD22	1:43:A:MET:H	13	0.11
(33,2134)	1:40:A:LEU:HD23	1:43:A:MET:H	13	0.11
(33,2110)	1:39:A:VAL:HA	1:139:A:LEU:HD11	10	0.11
(33,2110)	1:39:A:VAL:HA	1:139:A:LEU:HD12	10	0.11
(33,2110)	1:39:A:VAL:HA	1:139:A:LEU:HD13	10	0.11
(33,2110)	1:39:A:VAL:HA	1:139:A:LEU:HD21	10	0.11
(33,2110)	1:39:A:VAL:HA	1:139:A:LEU:HD22	10	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,2110)	1:39:A:VAL:HA	1:139:A:LEU:HD23	10	0.11
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD11	6	0.11
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD12	6	0.11
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD13	6	0.11
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD21	6	0.11
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD22	6	0.11
(33,2100)	1:38:A:GLU:H	1:139:A:LEU:HD23	6	0.11
(33,2087)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	19	0.11
(33,2087)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	19	0.11
(33,2087)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	19	0.11
(33,2087)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	19	0.11
(33,2087)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	19	0.11
(33,2087)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	19	0.11
(33,2033)	1:22:A:ASP:H	1:23:A:LEU:HD11	3	0.11
(33,2033)	1:22:A:ASP:H	1:23:A:LEU:HD12	3	0.11
(33,2033)	1:22:A:ASP:H	1:23:A:LEU:HD13	3	0.11
(33,2033)	1:22:A:ASP:H	1:23:A:LEU:HD21	3	0.11
(33,2033)	1:22:A:ASP:H	1:23:A:LEU:HD22	3	0.11
(33,2033)	1:22:A:ASP:H	1:23:A:LEU:HD23	3	0.11
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD11	3	0.11
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD12	3	0.11
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD13	3	0.11
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD21	3	0.11
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD22	3	0.11
(33,2030)	1:18:A:PHE:HZ	1:128:A:LEU:HD23	3	0.11
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	17	0.11
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	17	0.11
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	17	0.11
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	17	0.11
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	17	0.11
(33,2026)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	17	0.11
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	17	0.11
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	17	0.11
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	17	0.11
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	17	0.11
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	17	0.11
(33,2026)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	17	0.11
(33,1997)	1:15:A:ALA:H	1:17:A:ASN:HD21	19	0.11
(33,1997)	1:15:A:ALA:H	1:17:A:ASN:HD22	19	0.11
(33,1992)	1:14:A:VAL:HG11	1:60:A:LEU:HD11	19	0.11
(33,1992)	1:14:A:VAL:HG11	1:60:A:LEU:HD12	19	0.11
(33,1992)	1:14:A:VAL:HG11	1:60:A:LEU:HD13	19	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1992)	1:14:A:VAL:HG11	1:60:A:LEU:HD21	19	0.11
(33,1992)	1:14:A:VAL:HG11	1:60:A:LEU:HD22	19	0.11
(33,1992)	1:14:A:VAL:HG11	1:60:A:LEU:HD23	19	0.11
(33,1992)	1:14:A:VAL:HG12	1:60:A:LEU:HD11	19	0.11
(33,1992)	1:14:A:VAL:HG12	1:60:A:LEU:HD12	19	0.11
(33,1992)	1:14:A:VAL:HG12	1:60:A:LEU:HD13	19	0.11
(33,1992)	1:14:A:VAL:HG12	1:60:A:LEU:HD21	19	0.11
(33,1992)	1:14:A:VAL:HG12	1:60:A:LEU:HD22	19	0.11
(33,1992)	1:14:A:VAL:HG12	1:60:A:LEU:HD23	19	0.11
(33,1992)	1:14:A:VAL:HG13	1:60:A:LEU:HD11	19	0.11
(33,1992)	1:14:A:VAL:HG13	1:60:A:LEU:HD12	19	0.11
(33,1992)	1:14:A:VAL:HG13	1:60:A:LEU:HD13	19	0.11
(33,1992)	1:14:A:VAL:HG13	1:60:A:LEU:HD21	19	0.11
(33,1992)	1:14:A:VAL:HG13	1:60:A:LEU:HD22	19	0.11
(33,1992)	1:14:A:VAL:HG13	1:60:A:LEU:HD23	19	0.11
(33,1992)	1:14:A:VAL:HG21	1:60:A:LEU:HD11	19	0.11
(33,1992)	1:14:A:VAL:HG21	1:60:A:LEU:HD12	19	0.11
(33,1992)	1:14:A:VAL:HG21	1:60:A:LEU:HD13	19	0.11
(33,1992)	1:14:A:VAL:HG21	1:60:A:LEU:HD21	19	0.11
(33,1992)	1:14:A:VAL:HG21	1:60:A:LEU:HD22	19	0.11
(33,1992)	1:14:A:VAL:HG21	1:60:A:LEU:HD23	19	0.11
(33,1992)	1:14:A:VAL:HG22	1:60:A:LEU:HD11	19	0.11
(33,1992)	1:14:A:VAL:HG22	1:60:A:LEU:HD12	19	0.11
(33,1992)	1:14:A:VAL:HG22	1:60:A:LEU:HD13	19	0.11
(33,1992)	1:14:A:VAL:HG22	1:60:A:LEU:HD21	19	0.11
(33,1992)	1:14:A:VAL:HG22	1:60:A:LEU:HD22	19	0.11
(33,1992)	1:14:A:VAL:HG22	1:60:A:LEU:HD23	19	0.11
(33,1992)	1:14:A:VAL:HG23	1:60:A:LEU:HD11	19	0.11
(33,1992)	1:14:A:VAL:HG23	1:60:A:LEU:HD12	19	0.11
(33,1992)	1:14:A:VAL:HG23	1:60:A:LEU:HD13	19	0.11
(33,1992)	1:14:A:VAL:HG23	1:60:A:LEU:HD21	19	0.11
(33,1992)	1:14:A:VAL:HG23	1:60:A:LEU:HD22	19	0.11
(33,1992)	1:14:A:VAL:HG23	1:60:A:LEU:HD23	19	0.11
(33,1953)	1:11:A:ILE:HG12	1:57:A:LEU:HD11	18	0.11
(33,1953)	1:11:A:ILE:HG12	1:57:A:LEU:HD12	18	0.11
(33,1953)	1:11:A:ILE:HG12	1:57:A:LEU:HD13	18	0.11
(33,1953)	1:11:A:ILE:HG12	1:57:A:LEU:HD21	18	0.11
(33,1953)	1:11:A:ILE:HG12	1:57:A:LEU:HD22	18	0.11
(33,1953)	1:11:A:ILE:HG12	1:57:A:LEU:HD23	18	0.11
(33,1909)	1:35:A:LEU:HG	1:80:A:TYR:HE1	14	0.11
(33,1909)	1:35:A:LEU:HG	1:80:A:TYR:HE2	14	0.11
(33,1901)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	7	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1901)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	7	0.11
(33,1839)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	10	0.11
(33,1839)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	10	0.11
(33,1839)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	10	0.11
(33,1835)	1:61:A:SER:H	1:62:A:HIS:HD2	7	0.11
(33,1802)	1:104:A:PHE:HE1	1:105:A:LYS:HA	11	0.11
(33,1802)	1:104:A:PHE:HE2	1:105:A:LYS:HA	11	0.11
(33,1768)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	16	0.11
(33,1768)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	16	0.11
(33,1734)	1:105:A:LYS:H	1:105:A:LYS:HG3	12	0.11
(33,1699)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	2	0.11
(33,1681)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.11
(33,1681)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.11
(33,1681)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.11
(33,1659)	1:107:A:LEU:H	1:111:A:GLU:HB2	5	0.11
(33,1659)	1:107:A:LEU:H	1:111:A:GLU:HB3	5	0.11
(33,1600)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	4	0.11
(33,1600)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	4	0.11
(33,1600)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	4	0.11
(33,1600)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	4	0.11
(33,1600)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	4	0.11
(33,1600)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	4	0.11
(33,1573)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	1	0.11
(33,1573)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	1	0.11
(33,1573)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	1	0.11
(33,1573)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	6	0.11
(33,1573)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	6	0.11
(33,1573)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	6	0.11
(33,1556)	1:11:A:ILE:HD11	1:14:A:VAL:H	8	0.11
(33,1556)	1:11:A:ILE:HD12	1:14:A:VAL:H	8	0.11
(33,1556)	1:11:A:ILE:HD13	1:14:A:VAL:H	8	0.11
(33,1556)	1:11:A:ILE:HD11	1:14:A:VAL:H	9	0.11
(33,1556)	1:11:A:ILE:HD12	1:14:A:VAL:H	9	0.11
(33,1556)	1:11:A:ILE:HD13	1:14:A:VAL:H	9	0.11
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE1	4	0.11
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE2	4	0.11
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE3	4	0.11
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE1	4	0.11
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE2	4	0.11
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE3	4	0.11
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE1	4	0.11
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE2	4	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE3	4	0.11
(33,1523)	1:66:A:THR:HG21	1:69:A:MET:HE1	4	0.11
(33,1523)	1:66:A:THR:HG21	1:69:A:MET:HE2	4	0.11
(33,1523)	1:66:A:THR:HG21	1:69:A:MET:HE3	4	0.11
(33,1523)	1:66:A:THR:HG22	1:69:A:MET:HE1	4	0.11
(33,1523)	1:66:A:THR:HG22	1:69:A:MET:HE2	4	0.11
(33,1523)	1:66:A:THR:HG22	1:69:A:MET:HE3	4	0.11
(33,1523)	1:66:A:THR:HG23	1:69:A:MET:HE1	4	0.11
(33,1523)	1:66:A:THR:HG23	1:69:A:MET:HE2	4	0.11
(33,1523)	1:66:A:THR:HG23	1:69:A:MET:HE3	4	0.11
(33,1517)	1:110:A:MET:HE1	1:113:A:PHE:HA	13	0.11
(33,1517)	1:110:A:MET:HE2	1:113:A:PHE:HA	13	0.11
(33,1517)	1:110:A:MET:HE3	1:113:A:PHE:HA	13	0.11
(33,1508)	1:69:A:MET:HE1	1:114:A:ILE:H	7	0.11
(33,1508)	1:69:A:MET:HE2	1:114:A:ILE:H	7	0.11
(33,1508)	1:69:A:MET:HE3	1:114:A:ILE:H	7	0.11
(33,1507)	1:11:A:ILE:HD11	1:43:A:MET:HE1	10	0.11
(33,1507)	1:11:A:ILE:HD11	1:43:A:MET:HE2	10	0.11
(33,1507)	1:11:A:ILE:HD11	1:43:A:MET:HE3	10	0.11
(33,1507)	1:11:A:ILE:HD12	1:43:A:MET:HE1	10	0.11
(33,1507)	1:11:A:ILE:HD12	1:43:A:MET:HE2	10	0.11
(33,1507)	1:11:A:ILE:HD12	1:43:A:MET:HE3	10	0.11
(33,1507)	1:11:A:ILE:HD13	1:43:A:MET:HE1	10	0.11
(33,1507)	1:11:A:ILE:HD13	1:43:A:MET:HE2	10	0.11
(33,1507)	1:11:A:ILE:HD13	1:43:A:MET:HE3	10	0.11
(33,1506)	1:11:A:ILE:HG21	1:43:A:MET:HE1	12	0.11
(33,1506)	1:11:A:ILE:HG21	1:43:A:MET:HE2	12	0.11
(33,1506)	1:11:A:ILE:HG21	1:43:A:MET:HE3	12	0.11
(33,1506)	1:11:A:ILE:HG22	1:43:A:MET:HE1	12	0.11
(33,1506)	1:11:A:ILE:HG22	1:43:A:MET:HE2	12	0.11
(33,1506)	1:11:A:ILE:HG22	1:43:A:MET:HE3	12	0.11
(33,1506)	1:11:A:ILE:HG23	1:43:A:MET:HE1	12	0.11
(33,1506)	1:11:A:ILE:HG23	1:43:A:MET:HE2	12	0.11
(33,1506)	1:11:A:ILE:HG23	1:43:A:MET:HE3	12	0.11
(33,1503)	1:98:A:ILE:HG21	1:119:A:LEU:HG	12	0.11
(33,1503)	1:98:A:ILE:HG22	1:119:A:LEU:HG	12	0.11
(33,1503)	1:98:A:ILE:HG23	1:119:A:LEU:HG	12	0.11
(33,1469)	1:101:A:ILE:HG21	1:115:A:ALA:H	5	0.11
(33,1469)	1:101:A:ILE:HG22	1:115:A:ALA:H	5	0.11
(33,1469)	1:101:A:ILE:HG23	1:115:A:ALA:H	5	0.11
(33,1469)	1:101:A:ILE:HG21	1:115:A:ALA:H	11	0.11
(33,1469)	1:101:A:ILE:HG22	1:115:A:ALA:H	11	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1469)	1:101:A:ILE:HG23	1:115:A:ALA:H	11	0.11
(33,1456)	1:14:A:VAL:HB	1:15:A:ALA:HB1	19	0.11
(33,1456)	1:14:A:VAL:HB	1:15:A:ALA:HB2	19	0.11
(33,1456)	1:14:A:VAL:HB	1:15:A:ALA:HB3	19	0.11
(33,1434)	1:101:A:ILE:HB	1:115:A:ALA:HB1	19	0.11
(33,1434)	1:101:A:ILE:HB	1:115:A:ALA:HB2	19	0.11
(33,1434)	1:101:A:ILE:HB	1:115:A:ALA:HB3	19	0.11
(33,1429)	1:50:A:ALA:HB1	1:127:A:CYS:HA	18	0.11
(33,1429)	1:50:A:ALA:HB2	1:127:A:CYS:HA	18	0.11
(33,1429)	1:50:A:ALA:HB3	1:127:A:CYS:HA	18	0.11
(33,1419)	1:149:A:ALA:HB1	1:150:A:THR:HG21	3	0.11
(33,1419)	1:149:A:ALA:HB1	1:150:A:THR:HG22	3	0.11
(33,1419)	1:149:A:ALA:HB1	1:150:A:THR:HG23	3	0.11
(33,1419)	1:149:A:ALA:HB2	1:150:A:THR:HG21	3	0.11
(33,1419)	1:149:A:ALA:HB2	1:150:A:THR:HG22	3	0.11
(33,1419)	1:149:A:ALA:HB2	1:150:A:THR:HG23	3	0.11
(33,1419)	1:149:A:ALA:HB3	1:150:A:THR:HG21	3	0.11
(33,1419)	1:149:A:ALA:HB3	1:150:A:THR:HG22	3	0.11
(33,1419)	1:149:A:ALA:HB3	1:150:A:THR:HG23	3	0.11
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	7	0.11
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	7	0.11
(33,1409)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	7	0.11
(33,1403)	1:129:A:LYS:HA	1:132:A:ALA:HB1	2	0.11
(33,1403)	1:129:A:LYS:HA	1:132:A:ALA:HB2	2	0.11
(33,1403)	1:129:A:LYS:HA	1:132:A:ALA:HB3	2	0.11
(33,1359)	1:120:A:CYS:HA	1:121:A:VAL:HG11	14	0.11
(33,1359)	1:120:A:CYS:HA	1:121:A:VAL:HG12	14	0.11
(33,1359)	1:120:A:CYS:HA	1:121:A:VAL:HG13	14	0.11
(33,1315)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.11
(33,1315)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.11
(33,1315)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.11
(33,1315)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.11
(33,1315)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.11
(33,1315)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.11
(33,1315)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.11
(33,1315)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.11
(33,1315)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.11
(33,1296)	1:66:A:THR:HG21	1:70:A:LYS:H	11	0.11
(33,1296)	1:66:A:THR:HG22	1:70:A:LYS:H	11	0.11
(33,1296)	1:66:A:THR:HG23	1:70:A:LYS:H	11	0.11
(33,1277)	1:15:A:ALA:HA	1:19:A:ALA:H	12	0.11
(33,1252)	1:40:A:LEU:HA	1:40:A:LEU:HD11	15	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1252)	1:40:A:LEU:HA	1:40:A:LEU:HD12	15	0.11
(33,1252)	1:40:A:LEU:HA	1:40:A:LEU:HD13	15	0.11
(33,1219)	1:69:A:MET:HE1	1:110:A:MET:HA	10	0.11
(33,1219)	1:69:A:MET:HE2	1:110:A:MET:HA	10	0.11
(33,1219)	1:69:A:MET:HE3	1:110:A:MET:HA	10	0.11
(33,1165)	1:101:A:ILE:HA	1:101:A:ILE:HD11	19	0.11
(33,1165)	1:101:A:ILE:HA	1:101:A:ILE:HD12	19	0.11
(33,1165)	1:101:A:ILE:HA	1:101:A:ILE:HD13	19	0.11
(33,1147)	1:80:A:TYR:HA	1:80:A:TYR:HE1	18	0.11
(33,1147)	1:80:A:TYR:HA	1:80:A:TYR:HE2	18	0.11
(33,1135)	1:138:A:ASP:HA	1:141:A:LYS:H	16	0.11
(33,1109)	1:40:A:LEU:HB3	1:41:A:LYS:HA	5	0.11
(33,1109)	1:40:A:LEU:HB3	1:41:A:LYS:HA	14	0.11
(33,1058)	1:13:A:ALA:HB1	1:79:A:THR:HA	17	0.11
(33,1058)	1:13:A:ALA:HB2	1:79:A:THR:HA	17	0.11
(33,1058)	1:13:A:ALA:HB3	1:79:A:THR:HA	17	0.11
(33,1054)	1:79:A:THR:HA	1:80:A:TYR:HD1	12	0.11
(33,1054)	1:79:A:THR:HA	1:80:A:TYR:HD2	12	0.11
(33,1043)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	2	0.11
(33,1043)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	2	0.11
(33,1043)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	2	0.11
(33,1043)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	2	0.11
(33,1043)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	2	0.11
(33,1043)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	2	0.11
(33,1042)	1:20:A:THR:HG21	1:21:A:THR:HA	4	0.11
(33,1042)	1:20:A:THR:HG22	1:21:A:THR:HA	4	0.11
(33,1042)	1:20:A:THR:HG23	1:21:A:THR:HA	4	0.11
(33,1042)	1:20:A:THR:HG21	1:21:A:THR:HA	13	0.11
(33,1042)	1:20:A:THR:HG22	1:21:A:THR:HA	13	0.11
(33,1042)	1:20:A:THR:HG23	1:21:A:THR:HA	13	0.11
(33,1020)	1:149:A:ALA:HB1	1:150:A:THR:HA	13	0.11
(33,1020)	1:149:A:ALA:HB2	1:150:A:THR:HA	13	0.11
(33,1020)	1:149:A:ALA:HB3	1:150:A:THR:HA	13	0.11
(33,914)	1:149:A:ALA:HB1	1:150:A:THR:HB	17	0.11
(33,914)	1:149:A:ALA:HB2	1:150:A:THR:HB	17	0.11
(33,914)	1:149:A:ALA:HB3	1:150:A:THR:HB	17	0.11
(33,873)	1:57:A:LEU:HA	1:60:A:LEU:HB3	13	0.11
(33,872)	1:56:A:CYS:H	1:122:A:ASP:HB3	4	0.11
(33,854)	1:71:A:LYS:HE2	1:72:A:PHE:HE1	11	0.11
(33,854)	1:71:A:LYS:HE2	1:72:A:PHE:HE2	11	0.11
(33,854)	1:71:A:LYS:HE3	1:72:A:PHE:HE1	11	0.11
(33,854)	1:71:A:LYS:HE3	1:72:A:PHE:HE2	11	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,842)	1:45:A:ALA:HA	1:48:A:ARG:HD2	4	0.11
(33,842)	1:45:A:ALA:HA	1:48:A:ARG:HD3	4	0.11
(33,832)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	10	0.11
(33,832)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	10	0.11
(33,832)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	10	0.11
(33,832)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	10	0.11
(33,768)	1:73:A:ILE:HD11	1:113:A:PHE:HD1	8	0.11
(33,768)	1:73:A:ILE:HD11	1:113:A:PHE:HD2	8	0.11
(33,768)	1:73:A:ILE:HD12	1:113:A:PHE:HD1	8	0.11
(33,768)	1:73:A:ILE:HD12	1:113:A:PHE:HD2	8	0.11
(33,768)	1:73:A:ILE:HD13	1:113:A:PHE:HD1	8	0.11
(33,768)	1:73:A:ILE:HD13	1:113:A:PHE:HD2	8	0.11
(33,761)	1:41:A:LYS:HG2	1:42:A:GLU:H	19	0.11
(33,760)	1:42:A:GLU:H	1:42:A:GLU:HB3	13	0.11
(33,742)	1:105:A:LYS:HG3	1:112:A:GLN:HE22	1	0.11
(33,741)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	5	0.11
(33,741)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	5	0.11
(33,696)	1:98:A:ILE:H	1:100:A:ALA:H	10	0.11
(33,679)	1:137:A:SER:H	1:140:A:LEU:HD11	12	0.11
(33,679)	1:137:A:SER:H	1:140:A:LEU:HD12	12	0.11
(33,679)	1:137:A:SER:H	1:140:A:LEU:HD13	12	0.11
(33,653)	1:101:A:ILE:H	1:104:A:PHE:HB3	13	0.11
(33,642)	1:66:A:THR:H	1:69:A:MET:HA	14	0.11
(33,629)	1:11:A:ILE:HA	1:15:A:ALA:H	19	0.11
(33,519)	1:67:A:PRO:HA	1:71:A:LYS:H	14	0.11
(33,483)	1:79:A:THR:H	1:79:A:THR:HG21	13	0.11
(33,483)	1:79:A:THR:H	1:79:A:THR:HG22	13	0.11
(33,483)	1:79:A:THR:H	1:79:A:THR:HG23	13	0.11
(33,479)	1:147:A:ARG:HG2	1:148:A:CYS:H	9	0.11
(33,479)	1:147:A:ARG:HG3	1:148:A:CYS:H	9	0.11
(33,472)	1:103:A:ARG:H	1:103:A:ARG:HG2	4	0.11
(33,472)	1:103:A:ARG:H	1:103:A:ARG:HG3	4	0.11
(33,472)	1:103:A:ARG:H	1:103:A:ARG:HG2	7	0.11
(33,472)	1:103:A:ARG:H	1:103:A:ARG:HG3	7	0.11
(33,369)	1:70:A:LYS:H	1:73:A:ILE:HD11	12	0.11
(33,369)	1:70:A:LYS:H	1:73:A:ILE:HD12	12	0.11
(33,369)	1:70:A:LYS:H	1:73:A:ILE:HD13	12	0.11
(33,347)	1:66:A:THR:H	1:96:A:VAL:HB	11	0.11
(33,294)	1:128:A:LEU:HB3	1:129:A:LYS:H	7	0.11
(33,294)	1:128:A:LEU:HB3	1:129:A:LYS:H	12	0.11
(33,286)	1:50:A:ALA:HB1	1:52:A:CYS:H	9	0.11
(33,286)	1:50:A:ALA:HB2	1:52:A:CYS:H	9	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,286)	1:50:A:ALA:HB3	1:52:A:CYS:H	9	0.11
(33,248)	1:58:A:ILE:H	1:58:A:ILE:HD11	7	0.11
(33,248)	1:58:A:ILE:H	1:58:A:ILE:HD12	7	0.11
(33,248)	1:58:A:ILE:H	1:58:A:ILE:HD13	7	0.11
(33,238)	1:47:A:ALA:HB1	1:50:A:ALA:H	5	0.11
(33,238)	1:47:A:ALA:HB2	1:50:A:ALA:H	5	0.11
(33,238)	1:47:A:ALA:HB3	1:50:A:ALA:H	5	0.11
(33,177)	1:93:A:GLU:H	1:93:A:GLU:HG2	13	0.11
(33,177)	1:93:A:GLU:H	1:93:A:GLU:HG3	13	0.11
(33,177)	1:93:A:GLU:H	1:93:A:GLU:HG2	15	0.11
(33,177)	1:93:A:GLU:H	1:93:A:GLU:HG3	15	0.11
(33,73)	1:13:A:ALA:HB1	1:81:A:GLU:H	12	0.11
(33,73)	1:13:A:ALA:HB2	1:81:A:GLU:H	12	0.11
(33,73)	1:13:A:ALA:HB3	1:81:A:GLU:H	12	0.11
(33,72)	1:115:A:ALA:HB1	1:117:A:VAL:H	15	0.11
(33,72)	1:115:A:ALA:HB2	1:117:A:VAL:H	15	0.11
(33,72)	1:115:A:ALA:HB3	1:117:A:VAL:H	15	0.11
(33,18)	1:64:A:LYS:H	1:64:A:LYS:HD2	11	0.11
(33,18)	1:64:A:LYS:H	1:64:A:LYS:HD3	11	0.11
(32,2469)	1:140:A:LEU:HD11	1:143:A:TRP:HD1	4	0.11
(32,2469)	1:140:A:LEU:HD12	1:143:A:TRP:HD1	4	0.11
(32,2469)	1:140:A:LEU:HD13	1:143:A:TRP:HD1	4	0.11
(32,2469)	1:140:A:LEU:HD21	1:143:A:TRP:HD1	4	0.11
(32,2469)	1:140:A:LEU:HD22	1:143:A:TRP:HD1	4	0.11
(32,2469)	1:140:A:LEU:HD23	1:143:A:TRP:HD1	4	0.11
(32,2418)	1:131:A:LEU:H	1:131:A:LEU:HD11	13	0.11
(32,2418)	1:131:A:LEU:H	1:131:A:LEU:HD12	13	0.11
(32,2418)	1:131:A:LEU:H	1:131:A:LEU:HD13	13	0.11
(32,2418)	1:131:A:LEU:H	1:131:A:LEU:HD21	13	0.11
(32,2418)	1:131:A:LEU:H	1:131:A:LEU:HD22	13	0.11
(32,2418)	1:131:A:LEU:H	1:131:A:LEU:HD23	13	0.11
(32,2400)	1:127:A:CYS:H	1:129:A:LYS:HG2	8	0.11
(32,2400)	1:127:A:CYS:H	1:129:A:LYS:HG3	8	0.11
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD11	2	0.11
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD12	2	0.11
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD13	2	0.11
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD21	2	0.11
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD22	2	0.11
(32,2397)	1:126:A:GLY:H	1:128:A:LEU:HD23	2	0.11
(32,2380)	1:119:A:LEU:HD11	1:121:A:VAL:H	13	0.11
(32,2380)	1:119:A:LEU:HD12	1:121:A:VAL:H	13	0.11
(32,2380)	1:119:A:LEU:HD13	1:121:A:VAL:H	13	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2380)	1:119:A:LEU:HD21	1:121:A:VAL:H	13	0.11
(32,2380)	1:119:A:LEU:HD22	1:121:A:VAL:H	13	0.11
(32,2380)	1:119:A:LEU:HD23	1:121:A:VAL:H	13	0.11
(32,2344)	1:113:A:PHE:H	1:116:A:GLN:HG2	7	0.11
(32,2344)	1:113:A:PHE:H	1:116:A:GLN:HG3	7	0.11
(32,2327)	1:107:A:LEU:HD11	1:111:A:GLU:H	3	0.11
(32,2327)	1:107:A:LEU:HD12	1:111:A:GLU:H	3	0.11
(32,2327)	1:107:A:LEU:HD13	1:111:A:GLU:H	3	0.11
(32,2327)	1:107:A:LEU:HD21	1:111:A:GLU:H	3	0.11
(32,2327)	1:107:A:LEU:HD22	1:111:A:GLU:H	3	0.11
(32,2327)	1:107:A:LEU:HD23	1:111:A:GLU:H	3	0.11
(32,2319)	1:105:A:LYS:HG2	1:106:A:ASP:HA	4	0.11
(32,2319)	1:105:A:LYS:HG3	1:106:A:ASP:HA	4	0.11
(32,2285)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	10	0.11
(32,2285)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	10	0.11
(32,2285)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	10	0.11
(32,2285)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	10	0.11
(32,2285)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	10	0.11
(32,2285)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	10	0.11
(32,2285)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	10	0.11
(32,2285)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	10	0.11
(32,2285)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	10	0.11
(32,2285)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	10	0.11
(32,2285)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	10	0.11
(32,2285)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	10	0.11
(32,2274)	1:79:A:THR:HG21	1:81:A:GLU:HB2	17	0.11
(32,2274)	1:79:A:THR:HG21	1:81:A:GLU:HB3	17	0.11
(32,2274)	1:79:A:THR:HG22	1:81:A:GLU:HB2	17	0.11
(32,2274)	1:79:A:THR:HG22	1:81:A:GLU:HB3	17	0.11
(32,2274)	1:79:A:THR:HG23	1:81:A:GLU:HB2	17	0.11
(32,2274)	1:79:A:THR:HG23	1:81:A:GLU:HB3	17	0.11
(32,2239)	1:68:A:LYS:H	1:70:A:LYS:HG2	12	0.11
(32,2239)	1:68:A:LYS:H	1:70:A:LYS:HG3	12	0.11
(32,2234)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	6	0.11
(32,2234)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	6	0.11
(32,2226)	1:65:A:CYS:HB2	1:70:A:LYS:HA	9	0.11
(32,2226)	1:65:A:CYS:HB3	1:70:A:LYS:HA	9	0.11
(32,2224)	1:65:A:CYS:HB2	1:69:A:MET:HG2	9	0.11
(32,2224)	1:65:A:CYS:HB2	1:69:A:MET:HG3	9	0.11
(32,2224)	1:65:A:CYS:HB3	1:69:A:MET:HG2	9	0.11
(32,2224)	1:65:A:CYS:HB3	1:69:A:MET:HG3	9	0.11
(32,2224)	1:65:A:CYS:HB2	1:69:A:MET:HG2	11	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2224)	1:65:A:CYS:HB2	1:69:A:MET:HG3	11	0.11
(32,2224)	1:65:A:CYS:HB3	1:69:A:MET:HG2	11	0.11
(32,2224)	1:65:A:CYS:HB3	1:69:A:MET:HG3	11	0.11
(32,2197)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	5	0.11
(32,2197)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	5	0.11
(32,2197)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	5	0.11
(32,2197)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	5	0.11
(32,2197)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	5	0.11
(32,2197)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	5	0.11
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD11	7	0.11
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD12	7	0.11
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD13	7	0.11
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD21	7	0.11
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD22	7	0.11
(32,2125)	1:43:A:MET:H	1:139:A:LEU:HD23	7	0.11
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD11	11	0.11
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD12	11	0.11
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD13	11	0.11
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD21	11	0.11
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD22	11	0.11
(32,2123)	1:42:A:GLU:HB2	1:139:A:LEU:HD23	11	0.11
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD11	11	0.11
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD12	11	0.11
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD13	11	0.11
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD21	11	0.11
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD22	11	0.11
(32,2123)	1:42:A:GLU:HB3	1:139:A:LEU:HD23	11	0.11
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD11	2	0.11
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD12	2	0.11
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD13	2	0.11
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD21	2	0.11
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD22	2	0.11
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD23	2	0.11
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD11	5	0.11
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD12	5	0.11
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD13	5	0.11
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD21	5	0.11
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD22	5	0.11
(32,2121)	1:42:A:GLU:H	1:139:A:LEU:HD23	5	0.11
(32,2072)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	1	0.11
(32,2072)	1:37:A:LEU:HD11	1:41:A:LYS:HG3	1	0.11
(32,2072)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	1	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2072)	1:37:A:LEU:HD12	1:41:A:LYS:HG3	1	0.11
(32,2072)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	1	0.11
(32,2072)	1:37:A:LEU:HD13	1:41:A:LYS:HG3	1	0.11
(32,1995)	1:18:A:PHE:HZ	1:60:A:LEU:HD11	14	0.11
(32,1995)	1:18:A:PHE:HZ	1:60:A:LEU:HD12	14	0.11
(32,1995)	1:18:A:PHE:HZ	1:60:A:LEU:HD13	14	0.11
(32,1995)	1:18:A:PHE:HZ	1:60:A:LEU:HD21	14	0.11
(32,1995)	1:18:A:PHE:HZ	1:60:A:LEU:HD22	14	0.11
(32,1995)	1:18:A:PHE:HZ	1:60:A:LEU:HD23	14	0.11
(32,1986)	1:18:A:PHE:HB2	1:132:A:ALA:H	6	0.11
(32,1986)	1:18:A:PHE:HB3	1:132:A:ALA:H	6	0.11
(32,1964)	1:15:A:ALA:H	1:17:A:ASN:HD21	19	0.11
(32,1964)	1:15:A:ALA:H	1:17:A:ASN:HD22	19	0.11
(32,1956)	1:14:A:VAL:HG11	1:60:A:LEU:H	12	0.11
(32,1956)	1:14:A:VAL:HG12	1:60:A:LEU:H	12	0.11
(32,1956)	1:14:A:VAL:HG13	1:60:A:LEU:H	12	0.11
(32,1956)	1:14:A:VAL:HG21	1:60:A:LEU:H	12	0.11
(32,1956)	1:14:A:VAL:HG22	1:60:A:LEU:H	12	0.11
(32,1956)	1:14:A:VAL:HG23	1:60:A:LEU:H	12	0.11
(32,1893)	1:9:A:PHE:HD1	1:57:A:LEU:HD11	6	0.11
(32,1893)	1:9:A:PHE:HD1	1:57:A:LEU:HD12	6	0.11
(32,1893)	1:9:A:PHE:HD1	1:57:A:LEU:HD13	6	0.11
(32,1893)	1:9:A:PHE:HD1	1:57:A:LEU:HD21	6	0.11
(32,1893)	1:9:A:PHE:HD1	1:57:A:LEU:HD22	6	0.11
(32,1893)	1:9:A:PHE:HD1	1:57:A:LEU:HD23	6	0.11
(32,1893)	1:9:A:PHE:HD2	1:57:A:LEU:HD11	6	0.11
(32,1893)	1:9:A:PHE:HD2	1:57:A:LEU:HD12	6	0.11
(32,1893)	1:9:A:PHE:HD2	1:57:A:LEU:HD13	6	0.11
(32,1893)	1:9:A:PHE:HD2	1:57:A:LEU:HD21	6	0.11
(32,1893)	1:9:A:PHE:HD2	1:57:A:LEU:HD22	6	0.11
(32,1893)	1:9:A:PHE:HD2	1:57:A:LEU:HD23	6	0.11
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD11	18	0.11
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD12	18	0.11
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD13	18	0.11
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD21	18	0.11
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD22	18	0.11
(32,1892)	1:9:A:PHE:HD1	1:40:A:LEU:HD23	18	0.11
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD11	18	0.11
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD12	18	0.11
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD13	18	0.11
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD21	18	0.11
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD22	18	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1892)	1:9:A:PHE:HD2	1:40:A:LEU:HD23	18	0.11
(32,1869)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	3	0.11
(32,1869)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	3	0.11
(32,1869)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	3	0.11
(32,1869)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	3	0.11
(32,1867)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	7	0.11
(32,1867)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	7	0.11
(32,1813)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	19	0.11
(32,1813)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	19	0.11
(32,1813)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	19	0.11
(32,1813)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	19	0.11
(32,1768)	1:104:A:PHE:HE1	1:105:A:LYS:HA	11	0.11
(32,1768)	1:104:A:PHE:HE2	1:105:A:LYS:HA	11	0.11
(32,1757)	1:71:A:LYS:HE2	1:72:A:PHE:HD1	12	0.11
(32,1757)	1:71:A:LYS:HE2	1:72:A:PHE:HD2	12	0.11
(32,1757)	1:71:A:LYS:HE3	1:72:A:PHE:HD1	12	0.11
(32,1757)	1:71:A:LYS:HE3	1:72:A:PHE:HD2	12	0.11
(32,1733)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	16	0.11
(32,1733)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	16	0.11
(32,1659)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	2	0.11
(32,1645)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.11
(32,1645)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.11
(32,1645)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.11
(32,1617)	1:69:A:MET:H	1:69:A:MET:HE1	14	0.11
(32,1617)	1:69:A:MET:H	1:69:A:MET:HE2	14	0.11
(32,1617)	1:69:A:MET:H	1:69:A:MET:HE3	14	0.11
(32,1590)	1:79:A:THR:H	1:80:A:TYR:HA	2	0.11
(32,1561)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	12	0.11
(32,1561)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	12	0.11
(32,1561)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	12	0.11
(32,1540)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	14	0.11
(32,1540)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	14	0.11
(32,1540)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	14	0.11
(32,1540)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	14	0.11
(32,1540)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	14	0.11
(32,1540)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	14	0.11
(32,1495)	1:76:A:ARG:HG2	1:110:A:MET:HE1	11	0.11
(32,1495)	1:76:A:ARG:HG2	1:110:A:MET:HE2	11	0.11
(32,1495)	1:76:A:ARG:HG2	1:110:A:MET:HE3	11	0.11
(32,1495)	1:76:A:ARG:HG3	1:110:A:MET:HE1	11	0.11
(32,1495)	1:76:A:ARG:HG3	1:110:A:MET:HE2	11	0.11
(32,1495)	1:76:A:ARG:HG3	1:110:A:MET:HE3	11	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1486)	1:110:A:MET:HE1	1:113:A:PHE:HA	13	0.11
(32,1486)	1:110:A:MET:HE2	1:113:A:PHE:HA	13	0.11
(32,1486)	1:110:A:MET:HE3	1:113:A:PHE:HA	13	0.11
(32,1475)	1:69:A:MET:HE1	1:110:A:MET:H	11	0.11
(32,1475)	1:69:A:MET:HE2	1:110:A:MET:H	11	0.11
(32,1475)	1:69:A:MET:HE3	1:110:A:MET:H	11	0.11
(32,1473)	1:11:A:ILE:HG21	1:43:A:MET:HE1	12	0.11
(32,1473)	1:11:A:ILE:HG21	1:43:A:MET:HE2	12	0.11
(32,1473)	1:11:A:ILE:HG21	1:43:A:MET:HE3	12	0.11
(32,1473)	1:11:A:ILE:HG22	1:43:A:MET:HE1	12	0.11
(32,1473)	1:11:A:ILE:HG22	1:43:A:MET:HE2	12	0.11
(32,1473)	1:11:A:ILE:HG22	1:43:A:MET:HE3	12	0.11
(32,1473)	1:11:A:ILE:HG23	1:43:A:MET:HE1	12	0.11
(32,1473)	1:11:A:ILE:HG23	1:43:A:MET:HE2	12	0.11
(32,1473)	1:11:A:ILE:HG23	1:43:A:MET:HE3	12	0.11
(32,1436)	1:101:A:ILE:HG21	1:115:A:ALA:H	5	0.11
(32,1436)	1:101:A:ILE:HG22	1:115:A:ALA:H	5	0.11
(32,1436)	1:101:A:ILE:HG23	1:115:A:ALA:H	5	0.11
(32,1436)	1:101:A:ILE:HG21	1:115:A:ALA:H	11	0.11
(32,1436)	1:101:A:ILE:HG22	1:115:A:ALA:H	11	0.11
(32,1436)	1:101:A:ILE:HG23	1:115:A:ALA:H	11	0.11
(32,1411)	1:50:A:ALA:HB1	1:130:A:GLY:H	5	0.11
(32,1411)	1:50:A:ALA:HB2	1:130:A:GLY:H	5	0.11
(32,1411)	1:50:A:ALA:HB3	1:130:A:GLY:H	5	0.11
(32,1401)	1:115:A:ALA:HB1	1:116:A:GLN:HB2	7	0.11
(32,1401)	1:115:A:ALA:HB1	1:116:A:GLN:HB3	7	0.11
(32,1401)	1:115:A:ALA:HB2	1:116:A:GLN:HB2	7	0.11
(32,1401)	1:115:A:ALA:HB2	1:116:A:GLN:HB3	7	0.11
(32,1401)	1:115:A:ALA:HB3	1:116:A:GLN:HB2	7	0.11
(32,1401)	1:115:A:ALA:HB3	1:116:A:GLN:HB3	7	0.11
(32,1326)	1:120:A:CYS:HA	1:121:A:VAL:HG11	14	0.11
(32,1326)	1:120:A:CYS:HA	1:121:A:VAL:HG12	14	0.11
(32,1326)	1:120:A:CYS:HA	1:121:A:VAL:HG13	14	0.11
(32,1281)	1:66:A:THR:HG21	1:96:A:VAL:HG11	2	0.11
(32,1281)	1:66:A:THR:HG21	1:96:A:VAL:HG12	2	0.11
(32,1281)	1:66:A:THR:HG21	1:96:A:VAL:HG13	2	0.11
(32,1281)	1:66:A:THR:HG22	1:96:A:VAL:HG11	2	0.11
(32,1281)	1:66:A:THR:HG22	1:96:A:VAL:HG12	2	0.11
(32,1281)	1:66:A:THR:HG22	1:96:A:VAL:HG13	2	0.11
(32,1281)	1:66:A:THR:HG23	1:96:A:VAL:HG11	2	0.11
(32,1281)	1:66:A:THR:HG23	1:96:A:VAL:HG12	2	0.11
(32,1281)	1:66:A:THR:HG23	1:96:A:VAL:HG13	2	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1219)	1:37:A:LEU:HD11	1:38:A:GLU:HA	8	0.11
(32,1219)	1:37:A:LEU:HD12	1:38:A:GLU:HA	8	0.11
(32,1219)	1:37:A:LEU:HD13	1:38:A:GLU:HA	8	0.11
(32,1219)	1:37:A:LEU:HD11	1:38:A:GLU:HA	15	0.11
(32,1219)	1:37:A:LEU:HD12	1:38:A:GLU:HA	15	0.11
(32,1219)	1:37:A:LEU:HD13	1:38:A:GLU:HA	15	0.11
(32,1213)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	15	0.11
(32,1213)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	15	0.11
(32,1213)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	15	0.11
(32,1213)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	15	0.11
(32,1213)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	15	0.11
(32,1213)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	15	0.11
(32,1213)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	18	0.11
(32,1213)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	18	0.11
(32,1213)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	18	0.11
(32,1213)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	18	0.11
(32,1213)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	18	0.11
(32,1213)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	18	0.11
(32,1151)	1:107:A:LEU:H	1:107:A:LEU:HD21	7	0.11
(32,1151)	1:107:A:LEU:H	1:107:A:LEU:HD22	7	0.11
(32,1151)	1:107:A:LEU:H	1:107:A:LEU:HD23	7	0.11
(32,1113)	1:145:A:PRO:HB2	1:146:A:GLN:HA	8	0.11
(32,1106)	1:80:A:TYR:HA	1:80:A:TYR:HE1	18	0.11
(32,1106)	1:80:A:TYR:HA	1:80:A:TYR:HE2	18	0.11
(32,1039)	1:54:A:ARG:HA	1:58:A:ILE:HG13	11	0.11
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD11	10	0.11
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD12	10	0.11
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD13	10	0.11
(32,1029)	1:13:A:ALA:HB1	1:79:A:THR:HA	17	0.11
(32,1029)	1:13:A:ALA:HB2	1:79:A:THR:HA	17	0.11
(32,1029)	1:13:A:ALA:HB3	1:79:A:THR:HA	17	0.11
(32,1023)	1:79:A:THR:HA	1:80:A:TYR:HD1	12	0.11
(32,1023)	1:79:A:THR:HA	1:80:A:TYR:HD2	12	0.11
(32,923)	1:40:A:LEU:HA	1:43:A:MET:HG3	15	0.11
(32,892)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	2	0.11
(32,892)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	2	0.11
(32,892)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	2	0.11
(32,892)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	11	0.11
(32,892)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	11	0.11
(32,892)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	11	0.11
(32,886)	1:149:A:ALA:HB1	1:150:A:THR:HB	17	0.11
(32,886)	1:149:A:ALA:HB2	1:150:A:THR:HB	17	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,886)	1:149:A:ALA:HB3	1:150:A:THR:HB	17	0.11
(32,877)	1:20:A:THR:H	1:21:A:THR:HB	10	0.11
(32,847)	1:56:A:CYS:H	1:122:A:ASP:HB2	13	0.11
(32,845)	1:57:A:LEU:HA	1:60:A:LEU:HB3	13	0.11
(32,828)	1:71:A:LYS:HE2	1:72:A:PHE:HE1	11	0.11
(32,828)	1:71:A:LYS:HE2	1:72:A:PHE:HE2	11	0.11
(32,828)	1:71:A:LYS:HE3	1:72:A:PHE:HE1	11	0.11
(32,828)	1:71:A:LYS:HE3	1:72:A:PHE:HE2	11	0.11
(32,809)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	10	0.11
(32,809)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	10	0.11
(32,809)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	10	0.11
(32,809)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	10	0.11
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD11	1	0.11
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD12	1	0.11
(32,802)	1:98:A:ILE:HB	1:98:A:ILE:HD13	1	0.11
(32,772)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	4	0.11
(32,772)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	4	0.11
(32,772)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	4	0.11
(32,772)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	4	0.11
(32,772)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	4	0.11
(32,772)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	4	0.11
(32,772)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	12	0.11
(32,772)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	12	0.11
(32,772)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	12	0.11
(32,772)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	12	0.11
(32,772)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	12	0.11
(32,772)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	12	0.11
(32,727)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	5	0.11
(32,727)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	5	0.11
(32,628)	1:66:A:THR:H	1:69:A:MET:HA	14	0.11
(32,473)	1:79:A:THR:H	1:79:A:THR:HG21	13	0.11
(32,473)	1:79:A:THR:H	1:79:A:THR:HG22	13	0.11
(32,473)	1:79:A:THR:H	1:79:A:THR:HG23	13	0.11
(32,358)	1:70:A:LYS:H	1:73:A:ILE:HD11	12	0.11
(32,358)	1:70:A:LYS:H	1:73:A:ILE:HD12	12	0.11
(32,358)	1:70:A:LYS:H	1:73:A:ILE:HD13	12	0.11
(32,290)	1:128:A:LEU:HB3	1:129:A:LYS:H	7	0.11
(32,290)	1:128:A:LEU:HB3	1:129:A:LYS:H	12	0.11
(32,243)	1:57:A:LEU:HD21	1:58:A:ILE:H	11	0.11
(32,243)	1:57:A:LEU:HD22	1:58:A:ILE:H	11	0.11
(32,243)	1:57:A:LEU:HD23	1:58:A:ILE:H	11	0.11
(32,230)	1:47:A:ALA:HB1	1:50:A:ALA:H	5	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,230)	1:47:A:ALA:HB2	1:50:A:ALA:H	5	0.11
(32,230)	1:47:A:ALA:HB3	1:50:A:ALA:H	5	0.11
(32,201)	1:98:A:ILE:HD11	1:101:A:ILE:H	19	0.11
(32,201)	1:98:A:ILE:HD12	1:101:A:ILE:H	19	0.11
(32,201)	1:98:A:ILE:HD13	1:101:A:ILE:H	19	0.11
(32,169)	1:93:A:GLU:H	1:93:A:GLU:HG2	13	0.11
(32,169)	1:93:A:GLU:H	1:93:A:GLU:HG3	13	0.11
(32,169)	1:93:A:GLU:H	1:93:A:GLU:HG2	15	0.11
(32,169)	1:93:A:GLU:H	1:93:A:GLU:HG3	15	0.11
(32,86)	1:97:A:ASP:H	1:98:A:ILE:H	10	0.11
(32,86)	1:97:A:ASP:H	1:98:A:ILE:H	17	0.11
(32,63)	1:115:A:ALA:HB1	1:117:A:VAL:H	15	0.11
(32,63)	1:115:A:ALA:HB2	1:117:A:VAL:H	15	0.11
(32,63)	1:115:A:ALA:HB3	1:117:A:VAL:H	15	0.11
(32,49)	1:98:A:ILE:H	1:101:A:ILE:HG13	9	0.11
(32,14)	1:64:A:LYS:H	1:64:A:LYS:HD2	11	0.11
(32,14)	1:64:A:LYS:H	1:64:A:LYS:HD3	11	0.11
(32,12)	1:63:A:ILE:HB	1:64:A:LYS:H	11	0.11
(30,2470)	1:151:A:PHE:H	1:151:A:PHE:HB2	5	0.11
(30,2470)	1:151:A:PHE:H	1:151:A:PHE:HB3	5	0.11
(30,2425)	1:136:A:CYS:HB2	1:141:A:LYS:H	8	0.11
(30,2425)	1:136:A:CYS:HB3	1:141:A:LYS:H	8	0.11
(30,2343)	1:107:A:LEU:HD11	1:111:A:GLU:H	3	0.11
(30,2343)	1:107:A:LEU:HD12	1:111:A:GLU:H	3	0.11
(30,2343)	1:107:A:LEU:HD13	1:111:A:GLU:H	3	0.11
(30,2343)	1:107:A:LEU:HD21	1:111:A:GLU:H	3	0.11
(30,2343)	1:107:A:LEU:HD22	1:111:A:GLU:H	3	0.11
(30,2343)	1:107:A:LEU:HD23	1:111:A:GLU:H	3	0.11
(30,2296)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	9	0.11
(30,2296)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	9	0.11
(30,2296)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	9	0.11
(30,2296)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	9	0.11
(30,2296)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	9	0.11
(30,2296)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	9	0.11
(30,2288)	1:80:A:TYR:HD1	1:81:A:GLU:HB2	14	0.11
(30,2288)	1:80:A:TYR:HD1	1:81:A:GLU:HB3	14	0.11
(30,2288)	1:80:A:TYR:HD2	1:81:A:GLU:HB2	14	0.11
(30,2288)	1:80:A:TYR:HD2	1:81:A:GLU:HB3	14	0.11
(30,2250)	1:69:A:MET:HG2	1:73:A:ILE:HD11	3	0.11
(30,2250)	1:69:A:MET:HG2	1:73:A:ILE:HD12	3	0.11
(30,2250)	1:69:A:MET:HG2	1:73:A:ILE:HD13	3	0.11
(30,2250)	1:69:A:MET:HG3	1:73:A:ILE:HD11	3	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2250)	1:69:A:MET:HG3	1:73:A:ILE:HD12	3	0.11
(30,2250)	1:69:A:MET:HG3	1:73:A:ILE:HD13	3	0.11
(30,2245)	1:68:A:LYS:H	1:70:A:LYS:HG2	12	0.11
(30,2245)	1:68:A:LYS:H	1:70:A:LYS:HG3	12	0.11
(30,2240)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	6	0.11
(30,2240)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	6	0.11
(30,2232)	1:65:A:CYS:HB2	1:70:A:LYS:HA	9	0.11
(30,2232)	1:65:A:CYS:HB3	1:70:A:LYS:HA	9	0.11
(30,2229)	1:65:A:CYS:HB2	1:69:A:MET:HG2	9	0.11
(30,2229)	1:65:A:CYS:HB2	1:69:A:MET:HG3	9	0.11
(30,2229)	1:65:A:CYS:HB3	1:69:A:MET:HG2	9	0.11
(30,2229)	1:65:A:CYS:HB3	1:69:A:MET:HG3	9	0.11
(30,2229)	1:65:A:CYS:HB2	1:69:A:MET:HG2	11	0.11
(30,2229)	1:65:A:CYS:HB2	1:69:A:MET:HG3	11	0.11
(30,2229)	1:65:A:CYS:HB3	1:69:A:MET:HG2	11	0.11
(30,2229)	1:65:A:CYS:HB3	1:69:A:MET:HG3	11	0.11
(30,2221)	1:64:A:LYS:H	1:116:A:GLN:HE21	13	0.11
(30,2221)	1:64:A:LYS:H	1:116:A:GLN:HE22	13	0.11
(30,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	7	0.11
(30,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	7	0.11
(30,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	7	0.11
(30,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD21	7	0.11
(30,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD22	7	0.11
(30,2187)	1:47:A:ALA:HB1	1:57:A:LEU:HD23	7	0.11
(30,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	7	0.11
(30,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	7	0.11
(30,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	7	0.11
(30,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD21	7	0.11
(30,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD22	7	0.11
(30,2187)	1:47:A:ALA:HB2	1:57:A:LEU:HD23	7	0.11
(30,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	7	0.11
(30,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	7	0.11
(30,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	7	0.11
(30,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD21	7	0.11
(30,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD22	7	0.11
(30,2187)	1:47:A:ALA:HB3	1:57:A:LEU:HD23	7	0.11
(30,2176)	1:46:A:ASN:HB2	1:134:A:VAL:H	11	0.11
(30,2176)	1:46:A:ASN:HB3	1:134:A:VAL:H	11	0.11
(30,2087)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	7	0.11
(30,2087)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	7	0.11
(30,2087)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	7	0.11
(30,2087)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	7	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2087)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	7	0.11
(30,2087)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	7	0.11
(30,2087)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	14	0.11
(30,2087)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	14	0.11
(30,2087)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	14	0.11
(30,2087)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	14	0.11
(30,2087)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	14	0.11
(30,2087)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	14	0.11
(30,2029)	1:23:A:LEU:H	1:23:A:LEU:HD11	10	0.11
(30,2029)	1:23:A:LEU:H	1:23:A:LEU:HD12	10	0.11
(30,2029)	1:23:A:LEU:H	1:23:A:LEU:HD13	10	0.11
(30,2029)	1:23:A:LEU:H	1:23:A:LEU:HD21	10	0.11
(30,2029)	1:23:A:LEU:H	1:23:A:LEU:HD22	10	0.11
(30,2029)	1:23:A:LEU:H	1:23:A:LEU:HD23	10	0.11
(30,2028)	1:22:A:ASP:H	1:23:A:LEU:HD11	10	0.11
(30,2028)	1:22:A:ASP:H	1:23:A:LEU:HD12	10	0.11
(30,2028)	1:22:A:ASP:H	1:23:A:LEU:HD13	10	0.11
(30,2028)	1:22:A:ASP:H	1:23:A:LEU:HD21	10	0.11
(30,2028)	1:22:A:ASP:H	1:23:A:LEU:HD22	10	0.11
(30,2028)	1:22:A:ASP:H	1:23:A:LEU:HD23	10	0.11
(30,1990)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	11	0.11
(30,1990)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	11	0.11
(30,1990)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	11	0.11
(30,1990)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	11	0.11
(30,1990)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	11	0.11
(30,1990)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	11	0.11
(30,1990)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	11	0.11
(30,1990)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	11	0.11
(30,1990)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	11	0.11
(30,1990)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	11	0.11
(30,1990)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	11	0.11
(30,1990)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	11	0.11
(30,1976)	1:12:A:VAL:HG11	1:80:A:TYR:HD1	8	0.11
(30,1976)	1:12:A:VAL:HG11	1:80:A:TYR:HD2	8	0.11
(30,1976)	1:12:A:VAL:HG12	1:80:A:TYR:HD1	8	0.11
(30,1976)	1:12:A:VAL:HG12	1:80:A:TYR:HD2	8	0.11
(30,1976)	1:12:A:VAL:HG13	1:80:A:TYR:HD1	8	0.11
(30,1976)	1:12:A:VAL:HG13	1:80:A:TYR:HD2	8	0.11
(30,1976)	1:12:A:VAL:HG21	1:80:A:TYR:HD1	8	0.11
(30,1976)	1:12:A:VAL:HG21	1:80:A:TYR:HD2	8	0.11
(30,1976)	1:12:A:VAL:HG22	1:80:A:TYR:HD1	8	0.11
(30,1976)	1:12:A:VAL:HG22	1:80:A:TYR:HD2	8	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1976)	1:12:A:VAL:HG23	1:80:A:TYR:HD1	8	0.11
(30,1976)	1:12:A:VAL:HG23	1:80:A:TYR:HD2	8	0.11
(30,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	3	0.11
(30,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	3	0.11
(30,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	3	0.11
(30,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	3	0.11
(30,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	3	0.11
(30,1963)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	3	0.11
(30,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	3	0.11
(30,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	3	0.11
(30,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	3	0.11
(30,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	3	0.11
(30,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	3	0.11
(30,1963)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	3	0.11
(30,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	3	0.11
(30,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	3	0.11
(30,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	3	0.11
(30,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	3	0.11
(30,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	3	0.11
(30,1963)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	3	0.11
(30,1948)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	14	0.11
(30,1948)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	14	0.11
(30,1948)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	14	0.11
(30,1948)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	14	0.11
(30,1948)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	14	0.11
(30,1948)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	14	0.11
(30,1905)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	7	0.11
(30,1905)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	7	0.11
(30,1774)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	16	0.11
(30,1774)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	16	0.11
(30,1727)	1:79:A:THR:HG21	1:81:A:GLU:HB3	7	0.11
(30,1727)	1:79:A:THR:HG22	1:81:A:GLU:HB3	7	0.11
(30,1727)	1:79:A:THR:HG23	1:81:A:GLU:HB3	7	0.11
(30,1727)	1:79:A:THR:HG21	1:81:A:GLU:HB2	7	0.11
(30,1727)	1:79:A:THR:HG22	1:81:A:GLU:HB2	7	0.11
(30,1727)	1:79:A:THR:HG23	1:81:A:GLU:HB2	7	0.11
(30,1695)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.11
(30,1695)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.11
(30,1695)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.11
(30,1673)	1:107:A:LEU:H	1:111:A:GLU:HB2	5	0.11
(30,1673)	1:107:A:LEU:H	1:111:A:GLU:HB3	5	0.11
(30,1664)	1:69:A:MET:H	1:69:A:MET:HE1	14	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1664)	1:69:A:MET:H	1:69:A:MET:HE2	14	0.11
(30,1664)	1:69:A:MET:H	1:69:A:MET:HE3	14	0.11
(30,1629)	1:79:A:THR:H	1:80:A:TYR:HA	2	0.11
(30,1581)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	14	0.11
(30,1581)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	14	0.11
(30,1581)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	14	0.11
(30,1581)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	14	0.11
(30,1581)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	14	0.11
(30,1581)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	14	0.11
(30,1569)	1:11:A:ILE:HD11	1:14:A:VAL:H	8	0.11
(30,1569)	1:11:A:ILE:HD12	1:14:A:VAL:H	8	0.11
(30,1569)	1:11:A:ILE:HD13	1:14:A:VAL:H	8	0.11
(30,1569)	1:11:A:ILE:HD11	1:14:A:VAL:H	9	0.11
(30,1569)	1:11:A:ILE:HD12	1:14:A:VAL:H	9	0.11
(30,1569)	1:11:A:ILE:HD13	1:14:A:VAL:H	9	0.11
(30,1558)	1:115:A:ALA:HB1	1:117:A:VAL:HG21	9	0.11
(30,1558)	1:115:A:ALA:HB1	1:117:A:VAL:HG22	9	0.11
(30,1558)	1:115:A:ALA:HB1	1:117:A:VAL:HG23	9	0.11
(30,1558)	1:115:A:ALA:HB2	1:117:A:VAL:HG21	9	0.11
(30,1558)	1:115:A:ALA:HB2	1:117:A:VAL:HG22	9	0.11
(30,1558)	1:115:A:ALA:HB2	1:117:A:VAL:HG23	9	0.11
(30,1558)	1:115:A:ALA:HB3	1:117:A:VAL:HG21	9	0.11
(30,1558)	1:115:A:ALA:HB3	1:117:A:VAL:HG22	9	0.11
(30,1558)	1:115:A:ALA:HB3	1:117:A:VAL:HG23	9	0.11
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	1	0.11
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	1	0.11
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	1	0.11
(30,1523)	1:110:A:MET:HE1	1:113:A:PHE:HA	13	0.11
(30,1523)	1:110:A:MET:HE2	1:113:A:PHE:HA	13	0.11
(30,1523)	1:110:A:MET:HE3	1:113:A:PHE:HA	13	0.11
(30,1516)	1:69:A:MET:HE1	1:116:A:GLN:HE21	2	0.11
(30,1516)	1:69:A:MET:HE2	1:116:A:GLN:HE21	2	0.11
(30,1516)	1:69:A:MET:HE3	1:116:A:GLN:HE21	2	0.11
(30,1513)	1:69:A:MET:HE1	1:110:A:MET:H	11	0.11
(30,1513)	1:69:A:MET:HE2	1:110:A:MET:H	11	0.11
(30,1513)	1:69:A:MET:HE3	1:110:A:MET:H	11	0.11
(30,1478)	1:101:A:ILE:HG21	1:116:A:GLN:H	2	0.11
(30,1478)	1:101:A:ILE:HG22	1:116:A:GLN:H	2	0.11
(30,1478)	1:101:A:ILE:HG23	1:116:A:GLN:H	2	0.11
(30,1478)	1:101:A:ILE:HG21	1:116:A:GLN:H	18	0.11
(30,1478)	1:101:A:ILE:HG22	1:116:A:GLN:H	18	0.11
(30,1478)	1:101:A:ILE:HG23	1:116:A:GLN:H	18	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1474)	1:101:A:ILE:HG21	1:115:A:ALA:H	5	0.11
(30,1474)	1:101:A:ILE:HG22	1:115:A:ALA:H	5	0.11
(30,1474)	1:101:A:ILE:HG23	1:115:A:ALA:H	5	0.11
(30,1474)	1:101:A:ILE:HG21	1:115:A:ALA:H	11	0.11
(30,1474)	1:101:A:ILE:HG22	1:115:A:ALA:H	11	0.11
(30,1474)	1:101:A:ILE:HG23	1:115:A:ALA:H	11	0.11
(30,1444)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	5	0.11
(30,1444)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	5	0.11
(30,1438)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	18	0.11
(30,1438)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	18	0.11
(30,1438)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	18	0.11
(30,1423)	1:149:A:ALA:HB1	1:150:A:THR:HG21	3	0.11
(30,1423)	1:149:A:ALA:HB1	1:150:A:THR:HG22	3	0.11
(30,1423)	1:149:A:ALA:HB1	1:150:A:THR:HG23	3	0.11
(30,1423)	1:149:A:ALA:HB2	1:150:A:THR:HG21	3	0.11
(30,1423)	1:149:A:ALA:HB2	1:150:A:THR:HG22	3	0.11
(30,1423)	1:149:A:ALA:HB2	1:150:A:THR:HG23	3	0.11
(30,1423)	1:149:A:ALA:HB3	1:150:A:THR:HG21	3	0.11
(30,1423)	1:149:A:ALA:HB3	1:150:A:THR:HG22	3	0.11
(30,1423)	1:149:A:ALA:HB3	1:150:A:THR:HG23	3	0.11
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	8	0.11
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	8	0.11
(30,1413)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	8	0.11
(30,1400)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	19	0.11
(30,1400)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	19	0.11
(30,1400)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	19	0.11
(30,1400)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	19	0.11
(30,1400)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	19	0.11
(30,1400)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	19	0.11
(30,1400)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	19	0.11
(30,1400)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	19	0.11
(30,1400)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	19	0.11
(30,1363)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	1	0.11
(30,1363)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	1	0.11
(30,1363)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	1	0.11
(30,1356)	1:120:A:CYS:HA	1:121:A:VAL:HG11	14	0.11
(30,1356)	1:120:A:CYS:HA	1:121:A:VAL:HG12	14	0.11
(30,1356)	1:120:A:CYS:HA	1:121:A:VAL:HG13	14	0.11
(30,1243)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	2	0.11
(30,1243)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	2	0.11
(30,1243)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	2	0.11
(30,1243)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	2	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1243)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	2	0.11
(30,1243)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	2	0.11
(30,1243)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	2	0.11
(30,1243)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	2	0.11
(30,1243)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	2	0.11
(30,1166)	1:140:A:LEU:HD21	1:144:A:LEU:H	4	0.11
(30,1166)	1:140:A:LEU:HD22	1:144:A:LEU:H	4	0.11
(30,1166)	1:140:A:LEU:HD23	1:144:A:LEU:H	4	0.11
(30,1160)	1:101:A:ILE:HA	1:101:A:ILE:HD11	19	0.11
(30,1160)	1:101:A:ILE:HA	1:101:A:ILE:HD12	19	0.11
(30,1160)	1:101:A:ILE:HA	1:101:A:ILE:HD13	19	0.11
(30,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE1	18	0.11
(30,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE2	18	0.11
(30,1139)	1:15:A:ALA:HB1	1:131:A:LEU:HD11	2	0.11
(30,1139)	1:15:A:ALA:HB1	1:131:A:LEU:HD12	2	0.11
(30,1139)	1:15:A:ALA:HB1	1:131:A:LEU:HD13	2	0.11
(30,1139)	1:15:A:ALA:HB2	1:131:A:LEU:HD11	2	0.11
(30,1139)	1:15:A:ALA:HB2	1:131:A:LEU:HD12	2	0.11
(30,1139)	1:15:A:ALA:HB2	1:131:A:LEU:HD13	2	0.11
(30,1139)	1:15:A:ALA:HB3	1:131:A:LEU:HD11	2	0.11
(30,1139)	1:15:A:ALA:HB3	1:131:A:LEU:HD12	2	0.11
(30,1139)	1:15:A:ALA:HB3	1:131:A:LEU:HD13	2	0.11
(30,1050)	1:13:A:ALA:HB1	1:79:A:THR:HA	17	0.11
(30,1050)	1:13:A:ALA:HB2	1:79:A:THR:HA	17	0.11
(30,1050)	1:13:A:ALA:HB3	1:79:A:THR:HA	17	0.11
(30,1046)	1:79:A:THR:HA	1:80:A:TYR:HD1	12	0.11
(30,1046)	1:79:A:THR:HA	1:80:A:TYR:HD2	12	0.11
(30,1008)	1:149:A:ALA:HB1	1:150:A:THR:HA	13	0.11
(30,1008)	1:149:A:ALA:HB2	1:150:A:THR:HA	13	0.11
(30,1008)	1:149:A:ALA:HB3	1:150:A:THR:HA	13	0.11
(30,985)	1:12:A:VAL:HB	1:43:A:MET:HE1	12	0.11
(30,985)	1:12:A:VAL:HB	1:43:A:MET:HE2	12	0.11
(30,985)	1:12:A:VAL:HB	1:43:A:MET:HE3	12	0.11
(30,876)	1:117:A:VAL:HG11	1:118:A:ASP:HB2	8	0.11
(30,876)	1:117:A:VAL:HG12	1:118:A:ASP:HB2	8	0.11
(30,876)	1:117:A:VAL:HG13	1:118:A:ASP:HB2	8	0.11
(30,860)	1:57:A:LEU:HA	1:60:A:LEU:HB3	13	0.11
(30,845)	1:71:A:LYS:HE2	1:72:A:PHE:HE1	11	0.11
(30,845)	1:71:A:LYS:HE2	1:72:A:PHE:HE2	11	0.11
(30,845)	1:71:A:LYS:HE3	1:72:A:PHE:HE1	11	0.11
(30,845)	1:71:A:LYS:HE3	1:72:A:PHE:HE2	11	0.11
(30,831)	1:69:A:MET:HE1	1:114:A:ILE:HD11	5	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,831)	1:69:A:MET:HE1	1:114:A:ILE:HD12	5	0.11
(30,831)	1:69:A:MET:HE1	1:114:A:ILE:HD13	5	0.11
(30,831)	1:69:A:MET:HE2	1:114:A:ILE:HD11	5	0.11
(30,831)	1:69:A:MET:HE2	1:114:A:ILE:HD12	5	0.11
(30,831)	1:69:A:MET:HE2	1:114:A:ILE:HD13	5	0.11
(30,831)	1:69:A:MET:HE3	1:114:A:ILE:HD11	5	0.11
(30,831)	1:69:A:MET:HE3	1:114:A:ILE:HD12	5	0.11
(30,831)	1:69:A:MET:HE3	1:114:A:ILE:HD13	5	0.11
(30,816)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	14	0.11
(30,816)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	14	0.11
(30,816)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	14	0.11
(30,796)	1:55:A:GLY:H	1:58:A:ILE:HD11	10	0.11
(30,796)	1:55:A:GLY:H	1:58:A:ILE:HD12	10	0.11
(30,796)	1:55:A:GLY:H	1:58:A:ILE:HD13	10	0.11
(30,758)	1:41:A:LYS:HG2	1:42:A:GLU:H	19	0.11
(30,740)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	5	0.11
(30,740)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	5	0.11
(30,698)	1:98:A:ILE:H	1:104:A:PHE:H	8	0.11
(30,698)	1:98:A:ILE:H	1:104:A:PHE:H	15	0.11
(30,650)	1:66:A:THR:H	1:70:A:LYS:H	17	0.11
(30,640)	1:66:A:THR:H	1:69:A:MET:HA	14	0.11
(30,552)	1:73:A:ILE:HD11	1:110:A:MET:H	13	0.11
(30,552)	1:73:A:ILE:HD12	1:110:A:MET:H	13	0.11
(30,552)	1:73:A:ILE:HD13	1:110:A:MET:H	13	0.11
(30,518)	1:67:A:PRO:HA	1:71:A:LYS:H	14	0.11
(30,509)	1:70:A:LYS:HE2	1:71:A:LYS:H	14	0.11
(30,509)	1:70:A:LYS:HE3	1:71:A:LYS:H	14	0.11
(30,366)	1:69:A:MET:HE1	1:70:A:LYS:H	14	0.11
(30,366)	1:69:A:MET:HE2	1:70:A:LYS:H	14	0.11
(30,366)	1:69:A:MET:HE3	1:70:A:LYS:H	14	0.11
(30,319)	1:56:A:CYS:HA	1:122:A:ASP:H	11	0.11
(30,298)	1:128:A:LEU:HB3	1:129:A:LYS:H	7	0.11
(30,298)	1:128:A:LEU:HB3	1:129:A:LYS:H	12	0.11
(30,290)	1:50:A:ALA:HB1	1:52:A:CYS:H	9	0.11
(30,290)	1:50:A:ALA:HB2	1:52:A:CYS:H	9	0.11
(30,290)	1:50:A:ALA:HB3	1:52:A:CYS:H	9	0.11
(30,240)	1:47:A:ALA:HB1	1:50:A:ALA:H	5	0.11
(30,240)	1:47:A:ALA:HB2	1:50:A:ALA:H	5	0.11
(30,240)	1:47:A:ALA:HB3	1:50:A:ALA:H	5	0.11
(30,178)	1:93:A:GLU:H	1:93:A:GLU:HG2	13	0.11
(30,178)	1:93:A:GLU:H	1:93:A:GLU:HG3	13	0.11
(30,178)	1:93:A:GLU:H	1:93:A:GLU:HG2	15	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,178)	1:93:A:GLU:H	1:93:A:GLU:HG3	15	0.11
(30,124)	1:79:A:THR:HB	1:80:A:TYR:H	12	0.11
(30,116)	1:22:A:ASP:H	1:23:A:LEU:HB2	12	0.11
(30,116)	1:22:A:ASP:H	1:23:A:LEU:HB3	12	0.11
(30,88)	1:151:A:PHE:H	1:151:A:PHE:HD1	8	0.11
(30,88)	1:151:A:PHE:H	1:151:A:PHE:HD2	8	0.11
(30,67)	1:115:A:ALA:HB1	1:117:A:VAL:H	15	0.11
(30,67)	1:115:A:ALA:HB2	1:117:A:VAL:H	15	0.11
(30,67)	1:115:A:ALA:HB3	1:117:A:VAL:H	15	0.11
(30,44)	1:44:A:GLU:HG3	1:47:A:ALA:H	14	0.11
(30,14)	1:63:A:ILE:HB	1:64:A:LYS:H	11	0.11
(29,2424)	1:140:A:LEU:HD11	1:144:A:LEU:H	2	0.11
(29,2424)	1:140:A:LEU:HD12	1:144:A:LEU:H	2	0.11
(29,2424)	1:140:A:LEU:HD13	1:144:A:LEU:H	2	0.11
(29,2424)	1:140:A:LEU:HD21	1:144:A:LEU:H	2	0.11
(29,2424)	1:140:A:LEU:HD22	1:144:A:LEU:H	2	0.11
(29,2424)	1:140:A:LEU:HD23	1:144:A:LEU:H	2	0.11
(29,2363)	1:123:A:CYS:H	1:128:A:LEU:HD11	10	0.11
(29,2363)	1:123:A:CYS:H	1:128:A:LEU:HD12	10	0.11
(29,2363)	1:123:A:CYS:H	1:128:A:LEU:HD13	10	0.11
(29,2363)	1:123:A:CYS:H	1:128:A:LEU:HD21	10	0.11
(29,2363)	1:123:A:CYS:H	1:128:A:LEU:HD22	10	0.11
(29,2363)	1:123:A:CYS:H	1:128:A:LEU:HD23	10	0.11
(29,2341)	1:116:A:GLN:H	1:117:A:VAL:HG11	9	0.11
(29,2341)	1:116:A:GLN:H	1:117:A:VAL:HG12	9	0.11
(29,2341)	1:116:A:GLN:H	1:117:A:VAL:HG13	9	0.11
(29,2341)	1:116:A:GLN:H	1:117:A:VAL:HG21	9	0.11
(29,2341)	1:116:A:GLN:H	1:117:A:VAL:HG22	9	0.11
(29,2341)	1:116:A:GLN:H	1:117:A:VAL:HG23	9	0.11
(29,2316)	1:107:A:LEU:HD11	1:111:A:GLU:H	3	0.11
(29,2316)	1:107:A:LEU:HD12	1:111:A:GLU:H	3	0.11
(29,2316)	1:107:A:LEU:HD13	1:111:A:GLU:H	3	0.11
(29,2316)	1:107:A:LEU:HD21	1:111:A:GLU:H	3	0.11
(29,2316)	1:107:A:LEU:HD22	1:111:A:GLU:H	3	0.11
(29,2316)	1:107:A:LEU:HD23	1:111:A:GLU:H	3	0.11
(29,2312)	1:107:A:LEU:HA	1:108:A:GLU:HG2	6	0.11
(29,2312)	1:107:A:LEU:HA	1:108:A:GLU:HG3	6	0.11
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD11	19	0.11
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD12	19	0.11
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD13	19	0.11
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD21	19	0.11
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD22	19	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD23	19	0.11
(29,2306)	1:105:A:LYS:HG2	1:106:A:ASP:HA	4	0.11
(29,2306)	1:105:A:LYS:HG3	1:106:A:ASP:HA	4	0.11
(29,2280)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	9	0.11
(29,2280)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	9	0.11
(29,2280)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	9	0.11
(29,2280)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	9	0.11
(29,2280)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	9	0.11
(29,2280)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	9	0.11
(29,2245)	1:70:A:LYS:HD2	1:71:A:LYS:H	12	0.11
(29,2245)	1:70:A:LYS:HD3	1:71:A:LYS:H	12	0.11
(29,2224)	1:65:A:CYS:HB2	1:69:A:MET:HG2	9	0.11
(29,2224)	1:65:A:CYS:HB2	1:69:A:MET:HG3	9	0.11
(29,2224)	1:65:A:CYS:HB3	1:69:A:MET:HG2	9	0.11
(29,2224)	1:65:A:CYS:HB3	1:69:A:MET:HG3	9	0.11
(29,2224)	1:65:A:CYS:HB2	1:69:A:MET:HG2	11	0.11
(29,2224)	1:65:A:CYS:HB2	1:69:A:MET:HG3	11	0.11
(29,2224)	1:65:A:CYS:HB3	1:69:A:MET:HG2	11	0.11
(29,2224)	1:65:A:CYS:HB3	1:69:A:MET:HG3	11	0.11
(29,2166)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	7	0.11
(29,2166)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	7	0.11
(29,2166)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	7	0.11
(29,2166)	1:47:A:ALA:HB1	1:57:A:LEU:HD21	7	0.11
(29,2166)	1:47:A:ALA:HB1	1:57:A:LEU:HD22	7	0.11
(29,2166)	1:47:A:ALA:HB1	1:57:A:LEU:HD23	7	0.11
(29,2166)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	7	0.11
(29,2166)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	7	0.11
(29,2166)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	7	0.11
(29,2166)	1:47:A:ALA:HB2	1:57:A:LEU:HD21	7	0.11
(29,2166)	1:47:A:ALA:HB2	1:57:A:LEU:HD22	7	0.11
(29,2166)	1:47:A:ALA:HB2	1:57:A:LEU:HD23	7	0.11
(29,2166)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	7	0.11
(29,2166)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	7	0.11
(29,2166)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	7	0.11
(29,2166)	1:47:A:ALA:HB3	1:57:A:LEU:HD21	7	0.11
(29,2166)	1:47:A:ALA:HB3	1:57:A:LEU:HD22	7	0.11
(29,2166)	1:47:A:ALA:HB3	1:57:A:LEU:HD23	7	0.11
(29,2135)	1:40:A:LEU:HA	1:40:A:LEU:HD11	12	0.11
(29,2135)	1:40:A:LEU:HA	1:40:A:LEU:HD12	12	0.11
(29,2135)	1:40:A:LEU:HA	1:40:A:LEU:HD13	12	0.11
(29,2135)	1:40:A:LEU:HA	1:40:A:LEU:HD21	12	0.11
(29,2135)	1:40:A:LEU:HA	1:40:A:LEU:HD22	12	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2135)	1:40:A:LEU:HA	1:40:A:LEU:HD23	12	0.11
(29,2122)	1:39:A:VAL:HG11	1:43:A:MET:HB2	10	0.11
(29,2122)	1:39:A:VAL:HG12	1:43:A:MET:HB2	10	0.11
(29,2122)	1:39:A:VAL:HG13	1:43:A:MET:HB2	10	0.11
(29,2122)	1:39:A:VAL:HG21	1:43:A:MET:HB2	10	0.11
(29,2122)	1:39:A:VAL:HG22	1:43:A:MET:HB2	10	0.11
(29,2122)	1:39:A:VAL:HG23	1:43:A:MET:HB2	10	0.11
(29,2078)	1:32:A:GLY:HA2	1:80:A:TYR:HD1	1	0.11
(29,2078)	1:32:A:GLY:HA2	1:80:A:TYR:HD2	1	0.11
(29,2078)	1:32:A:GLY:HA3	1:80:A:TYR:HD1	1	0.11
(29,2078)	1:32:A:GLY:HA3	1:80:A:TYR:HD2	1	0.11
(29,2051)	1:22:A:ASP:H	1:23:A:LEU:HD11	10	0.11
(29,2051)	1:22:A:ASP:H	1:23:A:LEU:HD12	10	0.11
(29,2051)	1:22:A:ASP:H	1:23:A:LEU:HD13	10	0.11
(29,2051)	1:22:A:ASP:H	1:23:A:LEU:HD21	10	0.11
(29,2051)	1:22:A:ASP:H	1:23:A:LEU:HD22	10	0.11
(29,2051)	1:22:A:ASP:H	1:23:A:LEU:HD23	10	0.11
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	4	0.11
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	4	0.11
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	4	0.11
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	4	0.11
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	4	0.11
(29,2040)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	4	0.11
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	4	0.11
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	4	0.11
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	4	0.11
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	4	0.11
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	4	0.11
(29,2040)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	4	0.11
(29,2022)	1:15:A:ALA:H	1:17:A:ASN:HD21	19	0.11
(29,2022)	1:15:A:ALA:H	1:17:A:ASN:HD22	19	0.11
(29,2015)	1:14:A:VAL:HG11	1:60:A:LEU:H	12	0.11
(29,2015)	1:14:A:VAL:HG12	1:60:A:LEU:H	12	0.11
(29,2015)	1:14:A:VAL:HG13	1:60:A:LEU:H	12	0.11
(29,2015)	1:14:A:VAL:HG21	1:60:A:LEU:H	12	0.11
(29,2015)	1:14:A:VAL:HG22	1:60:A:LEU:H	12	0.11
(29,2015)	1:14:A:VAL:HG23	1:60:A:LEU:H	12	0.11
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD11	6	0.11
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD12	6	0.11
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD13	6	0.11
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD21	6	0.11
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD22	6	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2004)	1:14:A:VAL:H	1:131:A:LEU:HD23	6	0.11
(29,1932)	1:58:A:ILE:HB	1:62:A:HIS:HE1	3	0.11
(29,1932)	1:58:A:ILE:HB	1:62:A:HIS:HE1	13	0.11
(29,1932)	1:58:A:ILE:HB	1:62:A:HIS:HE1	16	0.11
(29,1923)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	7	0.11
(29,1923)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	7	0.11
(29,1922)	1:151:A:PHE:H	1:151:A:PHE:HD1	16	0.11
(29,1922)	1:151:A:PHE:H	1:151:A:PHE:HD2	16	0.11
(29,1884)	1:9:A:PHE:HE1	1:58:A:ILE:HG12	4	0.11
(29,1884)	1:9:A:PHE:HE2	1:58:A:ILE:HG12	4	0.11
(29,1884)	1:9:A:PHE:HE1	1:58:A:ILE:HG12	19	0.11
(29,1884)	1:9:A:PHE:HE2	1:58:A:ILE:HG12	19	0.11
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	1	0.11
(29,1867)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	1	0.11
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	1	0.11
(29,1867)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	1	0.11
(29,1863)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	10	0.11
(29,1863)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	10	0.11
(29,1863)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	10	0.11
(29,1828)	1:101:A:ILE:HD11	1:104:A:PHE:HE1	17	0.11
(29,1828)	1:101:A:ILE:HD11	1:104:A:PHE:HE2	17	0.11
(29,1828)	1:101:A:ILE:HD12	1:104:A:PHE:HE1	17	0.11
(29,1828)	1:101:A:ILE:HD12	1:104:A:PHE:HE2	17	0.11
(29,1828)	1:101:A:ILE:HD13	1:104:A:PHE:HE1	17	0.11
(29,1828)	1:101:A:ILE:HD13	1:104:A:PHE:HE2	17	0.11
(29,1826)	1:104:A:PHE:HE1	1:105:A:LYS:HA	11	0.11
(29,1826)	1:104:A:PHE:HE2	1:105:A:LYS:HA	11	0.11
(29,1793)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	16	0.11
(29,1793)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	16	0.11
(29,1724)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	2	0.11
(29,1711)	1:53:A:THR:H	1:124:A:THR:HB	18	0.11
(29,1709)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.11
(29,1709)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.11
(29,1709)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.11
(29,1692)	1:107:A:LEU:H	1:111:A:GLU:HB2	5	0.11
(29,1692)	1:107:A:LEU:H	1:111:A:GLU:HB3	5	0.11
(29,1675)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	1	0.11
(29,1675)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	1	0.11
(29,1675)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	1	0.11
(29,1653)	1:27:A:ARG:HA	1:27:A:ARG:HE	6	0.11
(29,1642)	1:79:A:THR:H	1:80:A:TYR:HA	2	0.11
(29,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	4	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	4	0.11
(29,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	4	0.11
(29,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	4	0.11
(29,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	4	0.11
(29,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	4	0.11
(29,1619)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	17	0.11
(29,1619)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	17	0.11
(29,1619)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	17	0.11
(29,1613)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	12	0.11
(29,1613)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	12	0.11
(29,1613)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	12	0.11
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	12	0.11
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	12	0.11
(29,1601)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	12	0.11
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	12	0.11
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	12	0.11
(29,1601)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	12	0.11
(29,1598)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	1	0.11
(29,1598)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	1	0.11
(29,1598)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	1	0.11
(29,1598)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	6	0.11
(29,1598)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	6	0.11
(29,1598)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	6	0.11
(29,1593)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	19	0.11
(29,1593)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	19	0.11
(29,1593)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	19	0.11
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE1	4	0.11
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE2	4	0.11
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE3	4	0.11
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE1	4	0.11
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE2	4	0.11
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE3	4	0.11
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE1	4	0.11
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE2	4	0.11
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE3	4	0.11
(29,1548)	1:76:A:ARG:HG2	1:110:A:MET:HE1	11	0.11
(29,1548)	1:76:A:ARG:HG2	1:110:A:MET:HE2	11	0.11
(29,1548)	1:76:A:ARG:HG2	1:110:A:MET:HE3	11	0.11
(29,1548)	1:76:A:ARG:HG3	1:110:A:MET:HE1	11	0.11
(29,1548)	1:76:A:ARG:HG3	1:110:A:MET:HE2	11	0.11
(29,1548)	1:76:A:ARG:HG3	1:110:A:MET:HE3	11	0.11
(29,1545)	1:66:A:THR:HG21	1:69:A:MET:HE1	4	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1545)	1:66:A:THR:HG21	1:69:A:MET:HE2	4	0.11
(29,1545)	1:66:A:THR:HG21	1:69:A:MET:HE3	4	0.11
(29,1545)	1:66:A:THR:HG22	1:69:A:MET:HE1	4	0.11
(29,1545)	1:66:A:THR:HG22	1:69:A:MET:HE2	4	0.11
(29,1545)	1:66:A:THR:HG22	1:69:A:MET:HE3	4	0.11
(29,1545)	1:66:A:THR:HG23	1:69:A:MET:HE1	4	0.11
(29,1545)	1:66:A:THR:HG23	1:69:A:MET:HE2	4	0.11
(29,1545)	1:66:A:THR:HG23	1:69:A:MET:HE3	4	0.11
(29,1538)	1:110:A:MET:HE1	1:113:A:PHE:HA	13	0.11
(29,1538)	1:110:A:MET:HE2	1:113:A:PHE:HA	13	0.11
(29,1538)	1:110:A:MET:HE3	1:113:A:PHE:HA	13	0.11
(29,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE1	12	0.11
(29,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE2	12	0.11
(29,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE3	12	0.11
(29,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE1	12	0.11
(29,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE2	12	0.11
(29,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE3	12	0.11
(29,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE1	12	0.11
(29,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE2	12	0.11
(29,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE3	12	0.11
(29,1488)	1:101:A:ILE:HG21	1:116:A:GLN:H	2	0.11
(29,1488)	1:101:A:ILE:HG22	1:116:A:GLN:H	2	0.11
(29,1488)	1:101:A:ILE:HG23	1:116:A:GLN:H	2	0.11
(29,1488)	1:101:A:ILE:HG21	1:116:A:GLN:H	18	0.11
(29,1488)	1:101:A:ILE:HG22	1:116:A:GLN:H	18	0.11
(29,1488)	1:101:A:ILE:HG23	1:116:A:GLN:H	18	0.11
(29,1484)	1:101:A:ILE:HG21	1:115:A:ALA:H	5	0.11
(29,1484)	1:101:A:ILE:HG22	1:115:A:ALA:H	5	0.11
(29,1484)	1:101:A:ILE:HG23	1:115:A:ALA:H	5	0.11
(29,1484)	1:101:A:ILE:HG21	1:115:A:ALA:H	11	0.11
(29,1484)	1:101:A:ILE:HG22	1:115:A:ALA:H	11	0.11
(29,1484)	1:101:A:ILE:HG23	1:115:A:ALA:H	11	0.11
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	1	0.11
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	1	0.11
(29,1481)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	1	0.11
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	8	0.11
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	8	0.11
(29,1421)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	8	0.11
(29,1349)	1:17:A:ASN:HA	1:76:A:ARG:HA	9	0.11
(29,1311)	1:11:A:ILE:HA	1:14:A:VAL:HG11	15	0.11
(29,1311)	1:11:A:ILE:HA	1:14:A:VAL:HG12	15	0.11
(29,1311)	1:11:A:ILE:HA	1:14:A:VAL:HG13	15	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1301)	1:66:A:THR:HG21	1:70:A:LYS:H	11	0.11
(29,1301)	1:66:A:THR:HG22	1:70:A:LYS:H	11	0.11
(29,1301)	1:66:A:THR:HG23	1:70:A:LYS:H	11	0.11
(29,1219)	1:139:A:LEU:HD11	1:143:A:TRP:HD1	4	0.11
(29,1219)	1:139:A:LEU:HD12	1:143:A:TRP:HD1	4	0.11
(29,1219)	1:139:A:LEU:HD13	1:143:A:TRP:HD1	4	0.11
(29,1191)	1:128:A:LEU:HD21	1:129:A:LYS:H	12	0.11
(29,1191)	1:128:A:LEU:HD22	1:129:A:LYS:H	12	0.11
(29,1191)	1:128:A:LEU:HD23	1:129:A:LYS:H	12	0.11
(29,1138)	1:40:A:LEU:HA	1:44:A:GLU:HB2	18	0.11
(29,1138)	1:40:A:LEU:HA	1:44:A:GLU:HB3	18	0.11
(29,1076)	1:13:A:ALA:HB1	1:79:A:THR:HA	17	0.11
(29,1076)	1:13:A:ALA:HB2	1:79:A:THR:HA	17	0.11
(29,1076)	1:13:A:ALA:HB3	1:79:A:THR:HA	17	0.11
(29,1071)	1:79:A:THR:HA	1:80:A:TYR:HD1	12	0.11
(29,1071)	1:79:A:THR:HA	1:80:A:TYR:HD2	12	0.11
(29,1033)	1:27:A:ARG:HB2	1:28:A:GLY:HA2	17	0.11
(29,1033)	1:27:A:ARG:HB2	1:28:A:GLY:HA3	17	0.11
(29,1030)	1:149:A:ALA:HB1	1:150:A:THR:HA	13	0.11
(29,1030)	1:149:A:ALA:HB2	1:150:A:THR:HA	13	0.11
(29,1030)	1:149:A:ALA:HB3	1:150:A:THR:HA	13	0.11
(29,972)	1:11:A:ILE:HD11	1:43:A:MET:HB3	15	0.11
(29,972)	1:11:A:ILE:HD12	1:43:A:MET:HB3	15	0.11
(29,972)	1:11:A:ILE:HD13	1:43:A:MET:HB3	15	0.11
(29,960)	1:40:A:LEU:HA	1:43:A:MET:HG3	15	0.11
(29,953)	1:67:A:PRO:HA	1:70:A:LYS:HB2	13	0.11
(29,953)	1:67:A:PRO:HA	1:70:A:LYS:HB3	13	0.11
(29,860)	1:71:A:LYS:HE2	1:72:A:PHE:HE1	11	0.11
(29,860)	1:71:A:LYS:HE2	1:72:A:PHE:HE2	11	0.11
(29,860)	1:71:A:LYS:HE3	1:72:A:PHE:HE1	11	0.11
(29,860)	1:71:A:LYS:HE3	1:72:A:PHE:HE2	11	0.11
(29,850)	1:48:A:ARG:HD2	1:49:A:LYS:HA	1	0.11
(29,850)	1:48:A:ARG:HD3	1:49:A:LYS:HA	1	0.11
(29,810)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	4	0.11
(29,810)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	4	0.11
(29,810)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	4	0.11
(29,810)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	4	0.11
(29,810)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	4	0.11
(29,810)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	4	0.11
(29,810)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	12	0.11
(29,810)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	12	0.11
(29,810)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	12	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,810)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	12	0.11
(29,810)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	12	0.11
(29,810)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	12	0.11
(29,784)	1:73:A:ILE:HD11	1:113:A:PHE:HD1	4	0.11
(29,784)	1:73:A:ILE:HD11	1:113:A:PHE:HD2	4	0.11
(29,784)	1:73:A:ILE:HD12	1:113:A:PHE:HD1	4	0.11
(29,784)	1:73:A:ILE:HD12	1:113:A:PHE:HD2	4	0.11
(29,784)	1:73:A:ILE:HD13	1:113:A:PHE:HD1	4	0.11
(29,784)	1:73:A:ILE:HD13	1:113:A:PHE:HD2	4	0.11
(29,778)	1:41:A:LYS:HG2	1:42:A:GLU:H	19	0.11
(29,739)	1:46:A:ASN:HA	1:50:A:ALA:H	3	0.11
(29,662)	1:101:A:ILE:H	1:104:A:PHE:HB3	13	0.11
(29,565)	1:116:A:GLN:H	1:116:A:GLN:HE22	5	0.11
(29,555)	1:73:A:ILE:HD11	1:110:A:MET:H	13	0.11
(29,555)	1:73:A:ILE:HD12	1:110:A:MET:H	13	0.11
(29,555)	1:73:A:ILE:HD13	1:110:A:MET:H	13	0.11
(29,532)	1:71:A:LYS:HG3	1:72:A:PHE:H	12	0.11
(29,532)	1:71:A:LYS:HG3	1:72:A:PHE:H	17	0.11
(29,363)	1:69:A:MET:HE1	1:70:A:LYS:H	14	0.11
(29,363)	1:69:A:MET:HE2	1:70:A:LYS:H	14	0.11
(29,363)	1:69:A:MET:HE3	1:70:A:LYS:H	14	0.11
(29,317)	1:56:A:CYS:HA	1:122:A:ASP:H	11	0.11
(29,261)	1:39:A:VAL:H	1:39:A:VAL:HB	1	0.11
(29,261)	1:39:A:VAL:H	1:39:A:VAL:HB	14	0.11
(29,238)	1:50:A:ALA:H	1:52:A:CYS:H	3	0.11
(29,131)	1:46:A:ASN:HB3	1:49:A:LYS:H	4	0.11
(29,119)	1:22:A:ASP:H	1:23:A:LEU:HB2	12	0.11
(29,119)	1:22:A:ASP:H	1:23:A:LEU:HB3	12	0.11
(29,83)	1:43:A:MET:HB2	1:45:A:ALA:H	14	0.11
(29,71)	1:13:A:ALA:HB1	1:81:A:GLU:H	12	0.11
(29,71)	1:13:A:ALA:HB2	1:81:A:GLU:H	12	0.11
(29,71)	1:13:A:ALA:HB3	1:81:A:GLU:H	12	0.11
(29,70)	1:115:A:ALA:HB1	1:117:A:VAL:H	15	0.11
(29,70)	1:115:A:ALA:HB2	1:117:A:VAL:H	15	0.11
(29,70)	1:115:A:ALA:HB3	1:117:A:VAL:H	15	0.11
(29,43)	1:45:A:ALA:HA	1:47:A:ALA:H	12	0.11
(28,1)	1:59:A:CYS:CB	1:120:A:CYS:SG	15	0.11
(24,43)	1:128:A:LEU:H	1:124:A:THR:O	6	0.11
(24,41)	1:120:A:CYS:H	1:116:A:GLN:O	7	0.11
(24,35)	1:117:A:VAL:H	1:113:A:PHE:O	19	0.11
(24,33)	1:116:A:GLN:H	1:112:A:GLN:O	14	0.11
(24,17)	1:60:A:LEU:H	1:56:A:CYS:O	13	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(24,17)	1:60:A:LEU:H	1:56:A:CYS:O	15	0.11
(24,3)	1:66:A:THR:HG1	1:112:A:GLN:OE1	7	0.11
(24,2)	1:124:A:THR:OG1	1:127:A:CYS:H	4	0.11
(24,2)	1:124:A:THR:OG1	1:127:A:CYS:H	12	0.11
(24,2)	1:124:A:THR:OG1	1:127:A:CYS:H	16	0.11
(23,14)	1:115:A:ALA:N	1:111:A:GLU:O	7	0.11
(23,14)	1:115:A:ALA:N	1:111:A:GLU:O	10	0.11
(23,14)	1:115:A:ALA:N	1:111:A:GLU:O	19	0.11
(23,8)	1:61:A:SER:N	1:57:A:LEU:O	3	0.11
(23,2)	1:39:A:VAL:N	1:36:A:PRO:O	13	0.11
(22,20)	1:101:A:ILE:N	1:98:A:ILE:C	10	0.11
(22,19)	1:101:A:ILE:H	1:98:A:ILE:C	7	0.11
(22,19)	1:101:A:ILE:H	1:98:A:ILE:C	17	0.11
(19,2)	1:120:A:CYS:SG	1:59:A:CYS:CB	15	0.11
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD11	1	0.11
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD12	1	0.11
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD13	1	0.11
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD21	1	0.11
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD22	1	0.11
(18,2345)	1:116:A:GLN:H	1:119:A:LEU:HD23	1	0.11
(18,2318)	1:107:A:LEU:HD11	1:111:A:GLU:H	3	0.11
(18,2318)	1:107:A:LEU:HD12	1:111:A:GLU:H	3	0.11
(18,2318)	1:107:A:LEU:HD13	1:111:A:GLU:H	3	0.11
(18,2318)	1:107:A:LEU:HD21	1:111:A:GLU:H	3	0.11
(18,2318)	1:107:A:LEU:HD22	1:111:A:GLU:H	3	0.11
(18,2318)	1:107:A:LEU:HD23	1:111:A:GLU:H	3	0.11
(18,2310)	1:105:A:LYS:HG2	1:106:A:ASP:HA	4	0.11
(18,2310)	1:105:A:LYS:HG3	1:106:A:ASP:HA	4	0.11
(18,2291)	1:100:A:ALA:HA	1:119:A:LEU:HD11	1	0.11
(18,2291)	1:100:A:ALA:HA	1:119:A:LEU:HD12	1	0.11
(18,2291)	1:100:A:ALA:HA	1:119:A:LEU:HD13	1	0.11
(18,2291)	1:100:A:ALA:HA	1:119:A:LEU:HD21	1	0.11
(18,2291)	1:100:A:ALA:HA	1:119:A:LEU:HD22	1	0.11
(18,2291)	1:100:A:ALA:HA	1:119:A:LEU:HD23	1	0.11
(18,2263)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	5	0.11
(18,2263)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	5	0.11
(18,2263)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	5	0.11
(18,2263)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	5	0.11
(18,2190)	1:54:A:ARG:HB2	1:58:A:ILE:HD11	13	0.11
(18,2190)	1:54:A:ARG:HB2	1:58:A:ILE:HD12	13	0.11
(18,2190)	1:54:A:ARG:HB2	1:58:A:ILE:HD13	13	0.11
(18,2190)	1:54:A:ARG:HB3	1:58:A:ILE:HD11	13	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2190)	1:54:A:ARG:HB3	1:58:A:ILE:HD12	13	0.11
(18,2190)	1:54:A:ARG:HB3	1:58:A:ILE:HD13	13	0.11
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG11	2	0.11
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG12	2	0.11
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG13	2	0.11
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG21	2	0.11
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG22	2	0.11
(18,2143)	1:43:A:MET:HG2	1:134:A:VAL:HG23	2	0.11
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD11	7	0.11
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD12	7	0.11
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD13	7	0.11
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD21	7	0.11
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD22	7	0.11
(18,2138)	1:43:A:MET:H	1:139:A:LEU:HD23	7	0.11
(18,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD11	12	0.11
(18,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD12	12	0.11
(18,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD13	12	0.11
(18,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD21	12	0.11
(18,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD22	12	0.11
(18,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD23	12	0.11
(18,2101)	1:39:A:VAL:HA	1:139:A:LEU:HD11	4	0.11
(18,2101)	1:39:A:VAL:HA	1:139:A:LEU:HD12	4	0.11
(18,2101)	1:39:A:VAL:HA	1:139:A:LEU:HD13	4	0.11
(18,2101)	1:39:A:VAL:HA	1:139:A:LEU:HD21	4	0.11
(18,2101)	1:39:A:VAL:HA	1:139:A:LEU:HD22	4	0.11
(18,2101)	1:39:A:VAL:HA	1:139:A:LEU:HD23	4	0.11
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD11	4	0.11
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD12	4	0.11
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD13	4	0.11
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD21	4	0.11
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD22	4	0.11
(18,2084)	1:37:A:LEU:HB3	1:40:A:LEU:HD23	4	0.11
(18,2077)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	6	0.11
(18,2077)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	6	0.11
(18,2077)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	6	0.11
(18,2077)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	6	0.11
(18,2077)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	6	0.11
(18,2077)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	6	0.11
(18,2033)	1:22:A:ASP:H	1:23:A:LEU:HD11	10	0.11
(18,2033)	1:22:A:ASP:H	1:23:A:LEU:HD12	10	0.11
(18,2033)	1:22:A:ASP:H	1:23:A:LEU:HD13	10	0.11
(18,2033)	1:22:A:ASP:H	1:23:A:LEU:HD21	10	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2033)	1:22:A:ASP:H	1:23:A:LEU:HD22	10	0.11
(18,2033)	1:22:A:ASP:H	1:23:A:LEU:HD23	10	0.11
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	6	0.11
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	6	0.11
(18,2016)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	6	0.11
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB1	6	0.11
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB2	6	0.11
(18,2016)	1:18:A:PHE:HB3	1:132:A:ALA:HB3	6	0.11
(18,1992)	1:14:A:VAL:HG11	1:60:A:LEU:H	12	0.11
(18,1992)	1:14:A:VAL:HG12	1:60:A:LEU:H	12	0.11
(18,1992)	1:14:A:VAL:HG13	1:60:A:LEU:H	12	0.11
(18,1992)	1:14:A:VAL:HG21	1:60:A:LEU:H	12	0.11
(18,1992)	1:14:A:VAL:HG22	1:60:A:LEU:H	12	0.11
(18,1992)	1:14:A:VAL:HG23	1:60:A:LEU:H	12	0.11
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG11	15	0.11
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG12	15	0.11
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG13	15	0.11
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG21	15	0.11
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG22	15	0.11
(18,1963)	1:12:A:VAL:H	1:14:A:VAL:HG23	15	0.11
(18,1960)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	3	0.11
(18,1960)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	3	0.11
(18,1960)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	3	0.11
(18,1960)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	3	0.11
(18,1960)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	3	0.11
(18,1960)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	3	0.11
(18,1960)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	3	0.11
(18,1960)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	3	0.11
(18,1960)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	3	0.11
(18,1960)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	3	0.11
(18,1960)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	3	0.11
(18,1960)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	3	0.11
(18,1960)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	3	0.11
(18,1960)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	3	0.11
(18,1960)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	3	0.11
(18,1960)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	3	0.11
(18,1960)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	3	0.11
(18,1960)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	3	0.11
(18,1893)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	16	0.11
(18,1893)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	16	0.11
(18,1893)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	16	0.11
(18,1893)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	16	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1817)	1:104:A:PHE:HZ	1:116:A:GLN:HG3	16	0.11
(18,1789)	1:104:A:PHE:HE1	1:105:A:LYS:HA	11	0.11
(18,1789)	1:104:A:PHE:HE2	1:105:A:LYS:HA	11	0.11
(18,1774)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	9	0.11
(18,1774)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	9	0.11
(18,1774)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	9	0.11
(18,1774)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	9	0.11
(18,1774)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	9	0.11
(18,1774)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	9	0.11
(18,1753)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	16	0.11
(18,1753)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	16	0.11
(18,1732)	1:36:A:PRO:HA	1:37:A:LEU:HD21	2	0.11
(18,1732)	1:36:A:PRO:HA	1:37:A:LEU:HD22	2	0.11
(18,1732)	1:36:A:PRO:HA	1:37:A:LEU:HD23	2	0.11
(18,1732)	1:36:A:PRO:HA	1:37:A:LEU:HD21	17	0.11
(18,1732)	1:36:A:PRO:HA	1:37:A:LEU:HD22	17	0.11
(18,1732)	1:36:A:PRO:HA	1:37:A:LEU:HD23	17	0.11
(18,1712)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	8	0.11
(18,1712)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	8	0.11
(18,1712)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	8	0.11
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	2	0.11
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	2	0.11
(18,1694)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	2	0.11
(18,1689)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	2	0.11
(18,1682)	1:43:A:MET:HE1	1:131:A:LEU:HA	14	0.11
(18,1682)	1:43:A:MET:HE2	1:131:A:LEU:HA	14	0.11
(18,1682)	1:43:A:MET:HE3	1:131:A:LEU:HA	14	0.11
(18,1675)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.11
(18,1675)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.11
(18,1675)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.11
(18,1614)	1:79:A:THR:H	1:80:A:TYR:HA	2	0.11
(18,1589)	1:119:A:LEU:HB3	1:121:A:VAL:HG21	15	0.11
(18,1589)	1:119:A:LEU:HB3	1:121:A:VAL:HG22	15	0.11
(18,1589)	1:119:A:LEU:HB3	1:121:A:VAL:HG23	15	0.11
(18,1575)	1:98:A:ILE:HG21	1:104:A:PHE:HE1	3	0.11
(18,1575)	1:98:A:ILE:HG21	1:104:A:PHE:HE2	3	0.11
(18,1575)	1:98:A:ILE:HG22	1:104:A:PHE:HE1	3	0.11
(18,1575)	1:98:A:ILE:HG22	1:104:A:PHE:HE2	3	0.11
(18,1575)	1:98:A:ILE:HG23	1:104:A:PHE:HE1	3	0.11
(18,1575)	1:98:A:ILE:HG23	1:104:A:PHE:HE2	3	0.11
(18,1570)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	1	0.11
(18,1570)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	1	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1570)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	1	0.11
(18,1570)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	6	0.11
(18,1570)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	6	0.11
(18,1570)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	6	0.11
(18,1522)	1:66:A:THR:HG21	1:69:A:MET:HE1	4	0.11
(18,1522)	1:66:A:THR:HG21	1:69:A:MET:HE2	4	0.11
(18,1522)	1:66:A:THR:HG21	1:69:A:MET:HE3	4	0.11
(18,1522)	1:66:A:THR:HG22	1:69:A:MET:HE1	4	0.11
(18,1522)	1:66:A:THR:HG22	1:69:A:MET:HE2	4	0.11
(18,1522)	1:66:A:THR:HG22	1:69:A:MET:HE3	4	0.11
(18,1522)	1:66:A:THR:HG23	1:69:A:MET:HE1	4	0.11
(18,1522)	1:66:A:THR:HG23	1:69:A:MET:HE2	4	0.11
(18,1522)	1:66:A:THR:HG23	1:69:A:MET:HE3	4	0.11
(18,1504)	1:11:A:ILE:HG21	1:43:A:MET:HE1	12	0.11
(18,1504)	1:11:A:ILE:HG21	1:43:A:MET:HE2	12	0.11
(18,1504)	1:11:A:ILE:HG21	1:43:A:MET:HE3	12	0.11
(18,1504)	1:11:A:ILE:HG22	1:43:A:MET:HE1	12	0.11
(18,1504)	1:11:A:ILE:HG22	1:43:A:MET:HE2	12	0.11
(18,1504)	1:11:A:ILE:HG22	1:43:A:MET:HE3	12	0.11
(18,1504)	1:11:A:ILE:HG23	1:43:A:MET:HE1	12	0.11
(18,1504)	1:11:A:ILE:HG23	1:43:A:MET:HE2	12	0.11
(18,1504)	1:11:A:ILE:HG23	1:43:A:MET:HE3	12	0.11
(18,1495)	1:43:A:MET:HA	1:43:A:MET:HE1	17	0.11
(18,1495)	1:43:A:MET:HA	1:43:A:MET:HE2	17	0.11
(18,1495)	1:43:A:MET:HA	1:43:A:MET:HE3	17	0.11
(18,1425)	1:50:A:ALA:HB1	1:127:A:CYS:HA	18	0.11
(18,1425)	1:50:A:ALA:HB2	1:127:A:CYS:HA	18	0.11
(18,1425)	1:50:A:ALA:HB3	1:127:A:CYS:HA	18	0.11
(18,1416)	1:149:A:ALA:HB1	1:150:A:THR:HG21	3	0.11
(18,1416)	1:149:A:ALA:HB1	1:150:A:THR:HG22	3	0.11
(18,1416)	1:149:A:ALA:HB1	1:150:A:THR:HG23	3	0.11
(18,1416)	1:149:A:ALA:HB2	1:150:A:THR:HG21	3	0.11
(18,1416)	1:149:A:ALA:HB2	1:150:A:THR:HG22	3	0.11
(18,1416)	1:149:A:ALA:HB2	1:150:A:THR:HG23	3	0.11
(18,1416)	1:149:A:ALA:HB3	1:150:A:THR:HG21	3	0.11
(18,1416)	1:149:A:ALA:HB3	1:150:A:THR:HG22	3	0.11
(18,1416)	1:149:A:ALA:HB3	1:150:A:THR:HG23	3	0.11
(18,1407)	1:101:A:ILE:HG21	1:102:A:PRO:HD3	15	0.11
(18,1407)	1:101:A:ILE:HG22	1:102:A:PRO:HD3	15	0.11
(18,1407)	1:101:A:ILE:HG23	1:102:A:PRO:HD3	15	0.11
(18,1398)	1:129:A:LYS:HA	1:132:A:ALA:HB1	2	0.11
(18,1398)	1:129:A:LYS:HA	1:132:A:ALA:HB2	2	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1398)	1:129:A:LYS:HA	1:132:A:ALA:HB3	2	0.11
(18,1244)	1:39:A:VAL:H	1:139:A:LEU:HD21	4	0.11
(18,1244)	1:39:A:VAL:H	1:139:A:LEU:HD22	4	0.11
(18,1244)	1:39:A:VAL:H	1:139:A:LEU:HD23	4	0.11
(18,1221)	1:81:A:GLU:HA	1:81:A:GLU:HG2	16	0.11
(18,1221)	1:81:A:GLU:HA	1:81:A:GLU:HG3	16	0.11
(18,1082)	1:54:A:ARG:HA	1:58:A:ILE:HG13	11	0.11
(18,1070)	1:79:A:THR:HA	1:80:A:TYR:HD1	12	0.11
(18,1070)	1:79:A:THR:HA	1:80:A:TYR:HD2	12	0.11
(18,1036)	1:113:A:PHE:HA	1:116:A:GLN:HG3	3	0.11
(18,1034)	1:27:A:ARG:HB2	1:28:A:GLY:HA2	17	0.11
(18,1034)	1:27:A:ARG:HB2	1:28:A:GLY:HA3	17	0.11
(18,1032)	1:149:A:ALA:HB1	1:150:A:THR:HA	13	0.11
(18,1032)	1:149:A:ALA:HB2	1:150:A:THR:HA	13	0.11
(18,1032)	1:149:A:ALA:HB3	1:150:A:THR:HA	13	0.11
(18,965)	1:12:A:VAL:HA	1:43:A:MET:HG3	14	0.11
(18,955)	1:67:A:PRO:HA	1:70:A:LYS:HB2	13	0.11
(18,955)	1:67:A:PRO:HA	1:70:A:LYS:HB3	13	0.11
(18,927)	1:125:A:THR:HB	1:128:A:LEU:HB2	12	0.11
(18,868)	1:37:A:LEU:HB3	1:40:A:LEU:H	13	0.11
(18,858)	1:71:A:LYS:HE2	1:72:A:PHE:HE1	11	0.11
(18,858)	1:71:A:LYS:HE2	1:72:A:PHE:HE2	11	0.11
(18,858)	1:71:A:LYS:HE3	1:72:A:PHE:HE1	11	0.11
(18,858)	1:71:A:LYS:HE3	1:72:A:PHE:HE2	11	0.11
(18,831)	1:98:A:ILE:HD11	1:119:A:LEU:HG	4	0.11
(18,831)	1:98:A:ILE:HD12	1:119:A:LEU:HG	4	0.11
(18,831)	1:98:A:ILE:HD13	1:119:A:LEU:HG	4	0.11
(18,806)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	4	0.11
(18,806)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	4	0.11
(18,806)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	4	0.11
(18,806)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	4	0.11
(18,806)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	4	0.11
(18,806)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	4	0.11
(18,806)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	12	0.11
(18,806)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	12	0.11
(18,806)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	12	0.11
(18,806)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	12	0.11
(18,806)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	12	0.11
(18,806)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	12	0.11
(18,744)	1:46:A:ASN:HA	1:50:A:ALA:H	3	0.11
(18,741)	1:17:A:ASN:HD21	1:18:A:PHE:H	11	0.11
(18,711)	1:98:A:ILE:H	1:100:A:ALA:H	10	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,669)	1:101:A:ILE:H	1:104:A:PHE:HB3	13	0.11
(18,544)	1:71:A:LYS:HG3	1:72:A:PHE:H	12	0.11
(18,544)	1:71:A:LYS:HG3	1:72:A:PHE:H	17	0.11
(18,534)	1:67:A:PRO:HA	1:71:A:LYS:H	14	0.11
(18,529)	1:67:A:PRO:HB2	1:71:A:LYS:H	1	0.11
(18,529)	1:67:A:PRO:HB3	1:71:A:LYS:H	1	0.11
(18,529)	1:67:A:PRO:HB2	1:71:A:LYS:H	12	0.11
(18,529)	1:67:A:PRO:HB3	1:71:A:LYS:H	12	0.11
(18,529)	1:67:A:PRO:HB2	1:71:A:LYS:H	14	0.11
(18,529)	1:67:A:PRO:HB3	1:71:A:LYS:H	14	0.11
(18,527)	1:71:A:LYS:H	1:72:A:PHE:HB2	11	0.11
(18,483)	1:14:A:VAL:H	1:14:A:VAL:HG11	7	0.11
(18,483)	1:14:A:VAL:H	1:14:A:VAL:HG12	7	0.11
(18,483)	1:14:A:VAL:H	1:14:A:VAL:HG13	7	0.11
(18,483)	1:14:A:VAL:H	1:14:A:VAL:HG11	10	0.11
(18,483)	1:14:A:VAL:H	1:14:A:VAL:HG12	10	0.11
(18,483)	1:14:A:VAL:H	1:14:A:VAL:HG13	10	0.11
(18,483)	1:14:A:VAL:H	1:14:A:VAL:HG11	11	0.11
(18,483)	1:14:A:VAL:H	1:14:A:VAL:HG12	11	0.11
(18,483)	1:14:A:VAL:H	1:14:A:VAL:HG13	11	0.11
(18,483)	1:14:A:VAL:H	1:14:A:VAL:HG11	13	0.11
(18,483)	1:14:A:VAL:H	1:14:A:VAL:HG12	13	0.11
(18,483)	1:14:A:VAL:H	1:14:A:VAL:HG13	13	0.11
(18,483)	1:14:A:VAL:H	1:14:A:VAL:HG11	15	0.11
(18,483)	1:14:A:VAL:H	1:14:A:VAL:HG12	15	0.11
(18,483)	1:14:A:VAL:H	1:14:A:VAL:HG13	15	0.11
(18,483)	1:14:A:VAL:H	1:14:A:VAL:HG11	16	0.11
(18,483)	1:14:A:VAL:H	1:14:A:VAL:HG12	16	0.11
(18,483)	1:14:A:VAL:H	1:14:A:VAL:HG13	16	0.11
(18,483)	1:14:A:VAL:H	1:14:A:VAL:HG11	17	0.11
(18,483)	1:14:A:VAL:H	1:14:A:VAL:HG12	17	0.11
(18,483)	1:14:A:VAL:H	1:14:A:VAL:HG13	17	0.11
(18,483)	1:14:A:VAL:H	1:14:A:VAL:HG11	18	0.11
(18,483)	1:14:A:VAL:H	1:14:A:VAL:HG12	18	0.11
(18,483)	1:14:A:VAL:H	1:14:A:VAL:HG13	18	0.11
(18,373)	1:69:A:MET:HE1	1:70:A:LYS:H	14	0.11
(18,373)	1:69:A:MET:HE2	1:70:A:LYS:H	14	0.11
(18,373)	1:69:A:MET:HE3	1:70:A:LYS:H	14	0.11
(18,329)	1:56:A:CYS:HA	1:122:A:ASP:H	11	0.11
(18,306)	1:128:A:LEU:HB3	1:129:A:LYS:H	7	0.11
(18,306)	1:128:A:LEU:HB3	1:129:A:LYS:H	12	0.11
(18,285)	1:113:A:PHE:H	1:114:A:ILE:HB	15	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,285)	1:113:A:PHE:H	1:114:A:ILE:HB	18	0.11
(18,183)	1:93:A:GLU:H	1:93:A:GLU:HG2	13	0.11
(18,183)	1:93:A:GLU:H	1:93:A:GLU:HG3	13	0.11
(18,183)	1:93:A:GLU:H	1:93:A:GLU:HG2	15	0.11
(18,183)	1:93:A:GLU:H	1:93:A:GLU:HG3	15	0.11
(18,166)	1:95:A:ILE:H	1:95:A:ILE:HB	19	0.11
(18,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	7	0.11
(18,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	7	0.11
(18,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	7	0.11
(18,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	10	0.11
(18,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	10	0.11
(18,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	10	0.11
(18,159)	1:50:A:ALA:HB1	1:127:A:CYS:H	18	0.11
(18,159)	1:50:A:ALA:HB2	1:127:A:CYS:H	18	0.11
(18,159)	1:50:A:ALA:HB3	1:127:A:CYS:H	18	0.11
(18,72)	1:115:A:ALA:HB1	1:117:A:VAL:H	15	0.11
(18,72)	1:115:A:ALA:HB2	1:117:A:VAL:H	15	0.11
(18,72)	1:115:A:ALA:HB3	1:117:A:VAL:H	15	0.11
(18,11)	1:64:A:LYS:H	1:64:A:LYS:HE2	9	0.11
(18,11)	1:64:A:LYS:H	1:64:A:LYS:HE3	9	0.11
(17,2440)	1:139:A:LEU:H	1:140:A:LEU:HD11	7	0.11
(17,2440)	1:139:A:LEU:H	1:140:A:LEU:HD12	7	0.11
(17,2440)	1:139:A:LEU:H	1:140:A:LEU:HD13	7	0.11
(17,2440)	1:139:A:LEU:H	1:140:A:LEU:HD21	7	0.11
(17,2440)	1:139:A:LEU:H	1:140:A:LEU:HD22	7	0.11
(17,2440)	1:139:A:LEU:H	1:140:A:LEU:HD23	7	0.11
(17,2336)	1:107:A:LEU:HD11	1:111:A:GLU:H	3	0.11
(17,2336)	1:107:A:LEU:HD12	1:111:A:GLU:H	3	0.11
(17,2336)	1:107:A:LEU:HD13	1:111:A:GLU:H	3	0.11
(17,2336)	1:107:A:LEU:HD21	1:111:A:GLU:H	3	0.11
(17,2336)	1:107:A:LEU:HD22	1:111:A:GLU:H	3	0.11
(17,2336)	1:107:A:LEU:HD23	1:111:A:GLU:H	3	0.11
(17,2328)	1:105:A:LYS:HG2	1:106:A:ASP:HA	4	0.11
(17,2328)	1:105:A:LYS:HG3	1:106:A:ASP:HA	4	0.11
(17,2264)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	1	0.11
(17,2264)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	1	0.11
(17,2240)	1:65:A:CYS:HB2	1:70:A:LYS:HA	9	0.11
(17,2240)	1:65:A:CYS:HB3	1:70:A:LYS:HA	9	0.11
(17,2237)	1:65:A:CYS:HB2	1:69:A:MET:HG2	9	0.11
(17,2237)	1:65:A:CYS:HB2	1:69:A:MET:HG3	9	0.11
(17,2237)	1:65:A:CYS:HB3	1:69:A:MET:HG2	9	0.11
(17,2237)	1:65:A:CYS:HB3	1:69:A:MET:HG3	9	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2237)	1:65:A:CYS:HB2	1:69:A:MET:HG2	11	0.11
(17,2237)	1:65:A:CYS:HB2	1:69:A:MET:HG3	11	0.11
(17,2237)	1:65:A:CYS:HB3	1:69:A:MET:HG2	11	0.11
(17,2237)	1:65:A:CYS:HB3	1:69:A:MET:HG3	11	0.11
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD11	17	0.11
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD12	17	0.11
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD13	17	0.11
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD21	17	0.11
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD22	17	0.11
(17,2119)	1:39:A:VAL:HB	1:139:A:LEU:HD23	17	0.11
(17,2092)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	5	0.11
(17,2092)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	5	0.11
(17,2092)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	5	0.11
(17,2092)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	5	0.11
(17,2092)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	5	0.11
(17,2092)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	5	0.11
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	4	0.11
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	4	0.11
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	4	0.11
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	4	0.11
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	4	0.11
(17,2036)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	4	0.11
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	4	0.11
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	4	0.11
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	4	0.11
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	4	0.11
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	4	0.11
(17,2036)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	4	0.11
(17,2006)	1:14:A:VAL:HG11	1:60:A:LEU:H	12	0.11
(17,2006)	1:14:A:VAL:HG12	1:60:A:LEU:H	12	0.11
(17,2006)	1:14:A:VAL:HG13	1:60:A:LEU:H	12	0.11
(17,2006)	1:14:A:VAL:HG21	1:60:A:LEU:H	12	0.11
(17,2006)	1:14:A:VAL:HG22	1:60:A:LEU:H	12	0.11
(17,2006)	1:14:A:VAL:HG23	1:60:A:LEU:H	12	0.11
(17,1968)	1:10:A:ASN:HD21	1:40:A:LEU:HD11	13	0.11
(17,1968)	1:10:A:ASN:HD21	1:40:A:LEU:HD12	13	0.11
(17,1968)	1:10:A:ASN:HD21	1:40:A:LEU:HD13	13	0.11
(17,1968)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	13	0.11
(17,1968)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	13	0.11
(17,1968)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	13	0.11
(17,1968)	1:10:A:ASN:HD22	1:40:A:LEU:HD11	13	0.11
(17,1968)	1:10:A:ASN:HD22	1:40:A:LEU:HD12	13	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1968)	1:10:A:ASN:HD22	1:40:A:LEU:HD13	13	0.11
(17,1968)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	13	0.11
(17,1968)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	13	0.11
(17,1968)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	13	0.11
(17,1964)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	14	0.11
(17,1964)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	14	0.11
(17,1964)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	14	0.11
(17,1964)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	14	0.11
(17,1964)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	14	0.11
(17,1964)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	14	0.11
(17,1935)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	10	0.11
(17,1935)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	10	0.11
(17,1935)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	10	0.11
(17,1923)	1:33:A:LYS:HB2	1:80:A:TYR:HD1	17	0.11
(17,1923)	1:33:A:LYS:HB2	1:80:A:TYR:HD2	17	0.11
(17,1923)	1:33:A:LYS:HB3	1:80:A:TYR:HD1	17	0.11
(17,1923)	1:33:A:LYS:HB3	1:80:A:TYR:HD2	17	0.11
(17,1920)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	7	0.11
(17,1920)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	7	0.11
(17,1918)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	16	0.11
(17,1918)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	16	0.11
(17,1918)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	16	0.11
(17,1918)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	16	0.11
(17,1860)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	10	0.11
(17,1860)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	10	0.11
(17,1860)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	10	0.11
(17,1855)	1:61:A:SER:H	1:62:A:HIS:HD2	7	0.11
(17,1851)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	3	0.11
(17,1851)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	3	0.11
(17,1819)	1:104:A:PHE:HE1	1:105:A:LYS:HA	11	0.11
(17,1819)	1:104:A:PHE:HE2	1:105:A:LYS:HA	11	0.11
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	2	0.11
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	2	0.11
(17,1722)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	2	0.11
(17,1720)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	2	0.11
(17,1707)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.11
(17,1707)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.11
(17,1707)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.11
(17,1686)	1:107:A:LEU:H	1:111:A:GLU:HB2	5	0.11
(17,1686)	1:107:A:LEU:H	1:111:A:GLU:HB3	5	0.11
(17,1670)	1:46:A:ASN:HB2	1:134:A:VAL:HG21	4	0.11
(17,1670)	1:46:A:ASN:HB2	1:134:A:VAL:HG22	4	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1670)	1:46:A:ASN:HB2	1:134:A:VAL:HG23	4	0.11
(17,1644)	1:79:A:THR:H	1:80:A:TYR:HA	2	0.11
(17,1626)	1:126:A:GLY:H	1:128:A:LEU:HD11	14	0.11
(17,1626)	1:126:A:GLY:H	1:128:A:LEU:HD12	14	0.11
(17,1626)	1:126:A:GLY:H	1:128:A:LEU:HD13	14	0.11
(17,1584)	1:11:A:ILE:HD11	1:45:A:ALA:H	2	0.11
(17,1584)	1:11:A:ILE:HD12	1:45:A:ALA:H	2	0.11
(17,1584)	1:11:A:ILE:HD13	1:45:A:ALA:H	2	0.11
(17,1554)	1:76:A:ARG:HG2	1:110:A:MET:HE1	11	0.11
(17,1554)	1:76:A:ARG:HG2	1:110:A:MET:HE2	11	0.11
(17,1554)	1:76:A:ARG:HG2	1:110:A:MET:HE3	11	0.11
(17,1554)	1:76:A:ARG:HG3	1:110:A:MET:HE1	11	0.11
(17,1554)	1:76:A:ARG:HG3	1:110:A:MET:HE2	11	0.11
(17,1554)	1:76:A:ARG:HG3	1:110:A:MET:HE3	11	0.11
(17,1502)	1:101:A:ILE:HG21	1:116:A:GLN:H	2	0.11
(17,1502)	1:101:A:ILE:HG22	1:116:A:GLN:H	2	0.11
(17,1502)	1:101:A:ILE:HG23	1:116:A:GLN:H	2	0.11
(17,1502)	1:101:A:ILE:HG21	1:116:A:GLN:H	18	0.11
(17,1502)	1:101:A:ILE:HG22	1:116:A:GLN:H	18	0.11
(17,1502)	1:101:A:ILE:HG23	1:116:A:GLN:H	18	0.11
(17,1498)	1:101:A:ILE:HG21	1:115:A:ALA:H	5	0.11
(17,1498)	1:101:A:ILE:HG22	1:115:A:ALA:H	5	0.11
(17,1498)	1:101:A:ILE:HG23	1:115:A:ALA:H	5	0.11
(17,1498)	1:101:A:ILE:HG21	1:115:A:ALA:H	11	0.11
(17,1498)	1:101:A:ILE:HG22	1:115:A:ALA:H	11	0.11
(17,1498)	1:101:A:ILE:HG23	1:115:A:ALA:H	11	0.11
(17,1442)	1:149:A:ALA:HB1	1:150:A:THR:HG21	3	0.11
(17,1442)	1:149:A:ALA:HB1	1:150:A:THR:HG22	3	0.11
(17,1442)	1:149:A:ALA:HB1	1:150:A:THR:HG23	3	0.11
(17,1442)	1:149:A:ALA:HB2	1:150:A:THR:HG21	3	0.11
(17,1442)	1:149:A:ALA:HB2	1:150:A:THR:HG22	3	0.11
(17,1442)	1:149:A:ALA:HB2	1:150:A:THR:HG23	3	0.11
(17,1442)	1:149:A:ALA:HB3	1:150:A:THR:HG21	3	0.11
(17,1442)	1:149:A:ALA:HB3	1:150:A:THR:HG22	3	0.11
(17,1442)	1:149:A:ALA:HB3	1:150:A:THR:HG23	3	0.11
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	8	0.11
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	8	0.11
(17,1432)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	8	0.11
(17,1401)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	2	0.11
(17,1401)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	2	0.11
(17,1401)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	2	0.11
(17,1374)	1:120:A:CYS:HA	1:121:A:VAL:HG11	14	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1374)	1:120:A:CYS:HA	1:121:A:VAL:HG12	14	0.11
(17,1374)	1:120:A:CYS:HA	1:121:A:VAL:HG13	14	0.11
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD21	11	0.11
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD22	11	0.11
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD23	11	0.11
(17,1299)	1:128:A:LEU:HD21	1:129:A:LYS:H	11	0.11
(17,1299)	1:128:A:LEU:HD22	1:129:A:LYS:H	11	0.11
(17,1299)	1:128:A:LEU:HD23	1:129:A:LYS:H	11	0.11
(17,1258)	1:37:A:LEU:HD11	1:38:A:GLU:HA	8	0.11
(17,1258)	1:37:A:LEU:HD12	1:38:A:GLU:HA	8	0.11
(17,1258)	1:37:A:LEU:HD13	1:38:A:GLU:HA	8	0.11
(17,1258)	1:37:A:LEU:HD11	1:38:A:GLU:HA	15	0.11
(17,1258)	1:37:A:LEU:HD12	1:38:A:GLU:HA	15	0.11
(17,1258)	1:37:A:LEU:HD13	1:38:A:GLU:HA	15	0.11
(17,1223)	1:69:A:MET:HE1	1:110:A:MET:HA	10	0.11
(17,1223)	1:69:A:MET:HE2	1:110:A:MET:HA	10	0.11
(17,1223)	1:69:A:MET:HE3	1:110:A:MET:HA	10	0.11
(17,1170)	1:101:A:ILE:HA	1:101:A:ILE:HD11	19	0.11
(17,1170)	1:101:A:ILE:HA	1:101:A:ILE:HD12	19	0.11
(17,1170)	1:101:A:ILE:HA	1:101:A:ILE:HD13	19	0.11
(17,1161)	1:145:A:PRO:HB2	1:146:A:GLN:HA	8	0.11
(17,1154)	1:80:A:TYR:HA	1:80:A:TYR:HE1	18	0.11
(17,1154)	1:80:A:TYR:HA	1:80:A:TYR:HE2	18	0.11
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD11	4	0.11
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD12	4	0.11
(17,1139)	1:140:A:LEU:HA	1:144:A:LEU:HD13	4	0.11
(17,1111)	1:42:A:GLU:HA	1:44:A:GLU:H	15	0.11
(17,1069)	1:13:A:ALA:HB1	1:79:A:THR:HA	17	0.11
(17,1069)	1:13:A:ALA:HB2	1:79:A:THR:HA	17	0.11
(17,1069)	1:13:A:ALA:HB3	1:79:A:THR:HA	17	0.11
(17,1065)	1:79:A:THR:HA	1:80:A:TYR:HD1	12	0.11
(17,1065)	1:79:A:THR:HA	1:80:A:TYR:HD2	12	0.11
(17,1024)	1:27:A:ARG:HB2	1:28:A:GLY:HA2	17	0.11
(17,1024)	1:27:A:ARG:HB2	1:28:A:GLY:HA3	17	0.11
(17,1022)	1:149:A:ALA:HB1	1:150:A:THR:HA	13	0.11
(17,1022)	1:149:A:ALA:HB2	1:150:A:THR:HA	13	0.11
(17,1022)	1:149:A:ALA:HB3	1:150:A:THR:HA	13	0.11
(17,995)	1:31:A:PRO:HB2	1:143:A:TRP:HB3	1	0.11
(17,995)	1:31:A:PRO:HB3	1:143:A:TRP:HB3	1	0.11
(17,911)	1:149:A:ALA:HB1	1:150:A:THR:HB	17	0.11
(17,911)	1:149:A:ALA:HB2	1:150:A:THR:HB	17	0.11
(17,911)	1:149:A:ALA:HB3	1:150:A:THR:HB	17	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,901)	1:69:A:MET:HE1	1:73:A:ILE:HB	2	0.11
(17,901)	1:69:A:MET:HE2	1:73:A:ILE:HB	2	0.11
(17,901)	1:69:A:MET:HE3	1:73:A:ILE:HB	2	0.11
(17,893)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	12	0.11
(17,893)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	12	0.11
(17,893)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	12	0.11
(17,873)	1:121:A:VAL:H	1:122:A:ASP:HB2	1	0.11
(17,872)	1:57:A:LEU:HA	1:60:A:LEU:HB3	13	0.11
(17,857)	1:71:A:LYS:HE2	1:72:A:PHE:HE1	11	0.11
(17,857)	1:71:A:LYS:HE2	1:72:A:PHE:HE2	11	0.11
(17,857)	1:71:A:LYS:HE3	1:72:A:PHE:HE1	11	0.11
(17,857)	1:71:A:LYS:HE3	1:72:A:PHE:HE2	11	0.11
(17,848)	1:48:A:ARG:H	1:48:A:ARG:HD2	4	0.11
(17,848)	1:48:A:ARG:H	1:48:A:ARG:HD3	4	0.11
(17,848)	1:48:A:ARG:H	1:48:A:ARG:HD2	18	0.11
(17,848)	1:48:A:ARG:H	1:48:A:ARG:HD3	18	0.11
(17,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	4	0.11
(17,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	4	0.11
(17,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	4	0.11
(17,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	4	0.11
(17,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	4	0.11
(17,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	4	0.11
(17,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	12	0.11
(17,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	12	0.11
(17,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	12	0.11
(17,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	12	0.11
(17,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	12	0.11
(17,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	12	0.11
(17,732)	1:46:A:ASN:HA	1:50:A:ALA:H	3	0.11
(17,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	11	0.11
(17,697)	1:98:A:ILE:H	1:100:A:ALA:H	10	0.11
(17,643)	1:66:A:THR:H	1:69:A:MET:HA	14	0.11
(17,599)	1:55:A:GLY:H	1:122:A:ASP:HB3	12	0.11
(17,555)	1:116:A:GLN:H	1:116:A:GLN:HE22	5	0.11
(17,547)	1:73:A:ILE:HD11	1:110:A:MET:H	13	0.11
(17,547)	1:73:A:ILE:HD12	1:110:A:MET:H	13	0.11
(17,547)	1:73:A:ILE:HD13	1:110:A:MET:H	13	0.11
(17,514)	1:67:A:PRO:HA	1:71:A:LYS:H	14	0.11
(17,469)	1:103:A:ARG:H	1:103:A:ARG:HG2	4	0.11
(17,469)	1:103:A:ARG:H	1:103:A:ARG:HG3	4	0.11
(17,469)	1:103:A:ARG:H	1:103:A:ARG:HG2	7	0.11
(17,469)	1:103:A:ARG:H	1:103:A:ARG:HG3	7	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,389)	1:105:A:LYS:HD2	1:106:A:ASP:H	16	0.11
(17,389)	1:105:A:LYS:HD3	1:106:A:ASP:H	16	0.11
(17,364)	1:70:A:LYS:H	1:73:A:ILE:HD11	12	0.11
(17,364)	1:70:A:LYS:H	1:73:A:ILE:HD12	12	0.11
(17,364)	1:70:A:LYS:H	1:73:A:ILE:HD13	12	0.11
(17,360)	1:69:A:MET:HE1	1:70:A:LYS:H	14	0.11
(17,360)	1:69:A:MET:HE2	1:70:A:LYS:H	14	0.11
(17,360)	1:69:A:MET:HE3	1:70:A:LYS:H	14	0.11
(17,316)	1:56:A:CYS:HA	1:122:A:ASP:H	11	0.11
(17,247)	1:58:A:ILE:H	1:58:A:ILE:HD11	7	0.11
(17,247)	1:58:A:ILE:H	1:58:A:ILE:HD12	7	0.11
(17,247)	1:58:A:ILE:H	1:58:A:ILE:HD13	7	0.11
(17,236)	1:47:A:ALA:HB1	1:50:A:ALA:H	5	0.11
(17,236)	1:47:A:ALA:HB2	1:50:A:ALA:H	5	0.11
(17,236)	1:47:A:ALA:HB3	1:50:A:ALA:H	5	0.11
(17,233)	1:50:A:ALA:H	1:52:A:CYS:H	3	0.11
(17,160)	1:127:A:CYS:H	1:128:A:LEU:HG	17	0.11
(17,126)	1:46:A:ASN:HB3	1:49:A:LYS:H	4	0.11
(17,68)	1:13:A:ALA:HB1	1:81:A:GLU:H	12	0.11
(17,68)	1:13:A:ALA:HB2	1:81:A:GLU:H	12	0.11
(17,68)	1:13:A:ALA:HB3	1:81:A:GLU:H	12	0.11
(17,67)	1:115:A:ALA:HB1	1:117:A:VAL:H	15	0.11
(17,67)	1:115:A:ALA:HB2	1:117:A:VAL:H	15	0.11
(17,67)	1:115:A:ALA:HB3	1:117:A:VAL:H	15	0.11
(17,2)	1:139:A:LEU:HA	1:143:A:TRP:HE1	4	0.11
(16,2466)	1:141:A:LYS:HA	1:145:A:PRO:HD2	3	0.11
(16,2466)	1:141:A:LYS:HA	1:145:A:PRO:HD3	3	0.11
(16,2395)	1:124:A:THR:H	1:128:A:LEU:HD11	19	0.11
(16,2395)	1:124:A:THR:H	1:128:A:LEU:HD12	19	0.11
(16,2395)	1:124:A:THR:H	1:128:A:LEU:HD13	19	0.11
(16,2395)	1:124:A:THR:H	1:128:A:LEU:HD21	19	0.11
(16,2395)	1:124:A:THR:H	1:128:A:LEU:HD22	19	0.11
(16,2395)	1:124:A:THR:H	1:128:A:LEU:HD23	19	0.11
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG2	6	0.11
(16,2349)	1:113:A:PHE:HA	1:116:A:GLN:HG3	6	0.11
(16,2348)	1:113:A:PHE:H	1:116:A:GLN:HG2	7	0.11
(16,2348)	1:113:A:PHE:H	1:116:A:GLN:HG3	7	0.11
(16,2326)	1:107:A:LEU:HD11	1:111:A:GLU:H	3	0.11
(16,2326)	1:107:A:LEU:HD12	1:111:A:GLU:H	3	0.11
(16,2326)	1:107:A:LEU:HD13	1:111:A:GLU:H	3	0.11
(16,2326)	1:107:A:LEU:HD21	1:111:A:GLU:H	3	0.11
(16,2326)	1:107:A:LEU:HD22	1:111:A:GLU:H	3	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2326)	1:107:A:LEU:HD23	1:111:A:GLU:H	3	0.11
(16,2322)	1:107:A:LEU:HA	1:108:A:GLU:HG2	6	0.11
(16,2322)	1:107:A:LEU:HA	1:108:A:GLU:HG3	6	0.11
(16,2281)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	9	0.11
(16,2281)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	9	0.11
(16,2281)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	9	0.11
(16,2281)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	9	0.11
(16,2281)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	9	0.11
(16,2281)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	9	0.11
(16,2254)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	1	0.11
(16,2254)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	1	0.11
(16,2228)	1:66:A:THR:H	1:96:A:VAL:HG11	11	0.11
(16,2228)	1:66:A:THR:H	1:96:A:VAL:HG12	11	0.11
(16,2228)	1:66:A:THR:H	1:96:A:VAL:HG13	11	0.11
(16,2228)	1:66:A:THR:H	1:96:A:VAL:HG21	11	0.11
(16,2228)	1:66:A:THR:H	1:96:A:VAL:HG22	11	0.11
(16,2228)	1:66:A:THR:H	1:96:A:VAL:HG23	11	0.11
(16,2224)	1:65:A:CYS:HB2	1:69:A:MET:HG2	9	0.11
(16,2224)	1:65:A:CYS:HB2	1:69:A:MET:HG3	9	0.11
(16,2224)	1:65:A:CYS:HB3	1:69:A:MET:HG2	9	0.11
(16,2224)	1:65:A:CYS:HB3	1:69:A:MET:HG3	9	0.11
(16,2224)	1:65:A:CYS:HB2	1:69:A:MET:HG2	11	0.11
(16,2224)	1:65:A:CYS:HB2	1:69:A:MET:HG3	11	0.11
(16,2224)	1:65:A:CYS:HB3	1:69:A:MET:HG2	11	0.11
(16,2224)	1:65:A:CYS:HB3	1:69:A:MET:HG3	11	0.11
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD11	5	0.11
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD12	5	0.11
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD13	5	0.11
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD21	5	0.11
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD22	5	0.11
(16,2191)	1:57:A:LEU:HG	1:60:A:LEU:HD23	5	0.11
(16,2168)	1:47:A:ALA:HB1	1:131:A:LEU:HD11	11	0.11
(16,2168)	1:47:A:ALA:HB1	1:131:A:LEU:HD12	11	0.11
(16,2168)	1:47:A:ALA:HB1	1:131:A:LEU:HD13	11	0.11
(16,2168)	1:47:A:ALA:HB1	1:131:A:LEU:HD21	11	0.11
(16,2168)	1:47:A:ALA:HB1	1:131:A:LEU:HD22	11	0.11
(16,2168)	1:47:A:ALA:HB1	1:131:A:LEU:HD23	11	0.11
(16,2168)	1:47:A:ALA:HB2	1:131:A:LEU:HD11	11	0.11
(16,2168)	1:47:A:ALA:HB2	1:131:A:LEU:HD12	11	0.11
(16,2168)	1:47:A:ALA:HB2	1:131:A:LEU:HD13	11	0.11
(16,2168)	1:47:A:ALA:HB2	1:131:A:LEU:HD21	11	0.11
(16,2168)	1:47:A:ALA:HB2	1:131:A:LEU:HD22	11	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2168)	1:47:A:ALA:HB2	1:131:A:LEU:HD23	11	0.11
(16,2168)	1:47:A:ALA:HB3	1:131:A:LEU:HD11	11	0.11
(16,2168)	1:47:A:ALA:HB3	1:131:A:LEU:HD12	11	0.11
(16,2168)	1:47:A:ALA:HB3	1:131:A:LEU:HD13	11	0.11
(16,2168)	1:47:A:ALA:HB3	1:131:A:LEU:HD21	11	0.11
(16,2168)	1:47:A:ALA:HB3	1:131:A:LEU:HD22	11	0.11
(16,2168)	1:47:A:ALA:HB3	1:131:A:LEU:HD23	11	0.11
(16,2137)	1:40:A:LEU:HA	1:40:A:LEU:HD11	12	0.11
(16,2137)	1:40:A:LEU:HA	1:40:A:LEU:HD12	12	0.11
(16,2137)	1:40:A:LEU:HA	1:40:A:LEU:HD13	12	0.11
(16,2137)	1:40:A:LEU:HA	1:40:A:LEU:HD21	12	0.11
(16,2137)	1:40:A:LEU:HA	1:40:A:LEU:HD22	12	0.11
(16,2137)	1:40:A:LEU:HA	1:40:A:LEU:HD23	12	0.11
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD11	16	0.11
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD12	16	0.11
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD13	16	0.11
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD21	16	0.11
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD22	16	0.11
(16,2136)	1:40:A:LEU:H	1:40:A:LEU:HD23	16	0.11
(16,2068)	1:32:A:GLY:HA2	1:33:A:LYS:H	8	0.11
(16,2068)	1:32:A:GLY:HA3	1:33:A:LYS:H	8	0.11
(16,2068)	1:32:A:GLY:HA2	1:33:A:LYS:H	19	0.11
(16,2068)	1:32:A:GLY:HA3	1:33:A:LYS:H	19	0.11
(16,2031)	1:22:A:ASP:H	1:23:A:LEU:HD11	3	0.11
(16,2031)	1:22:A:ASP:H	1:23:A:LEU:HD12	3	0.11
(16,2031)	1:22:A:ASP:H	1:23:A:LEU:HD13	3	0.11
(16,2031)	1:22:A:ASP:H	1:23:A:LEU:HD21	3	0.11
(16,2031)	1:22:A:ASP:H	1:23:A:LEU:HD22	3	0.11
(16,2031)	1:22:A:ASP:H	1:23:A:LEU:HD23	3	0.11
(16,2020)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	12	0.11
(16,2020)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	12	0.11
(16,2020)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	12	0.11
(16,2020)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	12	0.11
(16,2020)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	12	0.11
(16,2020)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	12	0.11
(16,2020)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	12	0.11
(16,2020)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	12	0.11
(16,2020)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	12	0.11
(16,2020)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	12	0.11
(16,2020)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	12	0.11
(16,2020)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	12	0.11
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD11	7	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD12	7	0.11
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD13	7	0.11
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD21	7	0.11
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD22	7	0.11
(16,2010)	1:18:A:PHE:HB2	1:128:A:LEU:HD23	7	0.11
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD11	7	0.11
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD12	7	0.11
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD13	7	0.11
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD21	7	0.11
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD22	7	0.11
(16,2010)	1:18:A:PHE:HB3	1:128:A:LEU:HD23	7	0.11
(16,1993)	1:15:A:ALA:H	1:17:A:ASN:HD21	19	0.11
(16,1993)	1:15:A:ALA:H	1:17:A:ASN:HD22	19	0.11
(16,1984)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	19	0.11
(16,1984)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	19	0.11
(16,1984)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	19	0.11
(16,1984)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	19	0.11
(16,1984)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	19	0.11
(16,1984)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	19	0.11
(16,1984)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	19	0.11
(16,1984)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	19	0.11
(16,1984)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	19	0.11
(16,1984)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	19	0.11
(16,1984)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	19	0.11
(16,1984)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	19	0.11
(16,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	3	0.11
(16,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	3	0.11
(16,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	3	0.11
(16,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	3	0.11
(16,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	3	0.11
(16,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	3	0.11
(16,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	3	0.11
(16,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	3	0.11
(16,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	3	0.11
(16,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	3	0.11
(16,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	3	0.11
(16,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	3	0.11
(16,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	3	0.11
(16,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	3	0.11
(16,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	3	0.11
(16,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	3	0.11
(16,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	3	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	3	0.11
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD11	19	0.11
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD12	19	0.11
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD13	19	0.11
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD21	19	0.11
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD22	19	0.11
(16,1943)	1:11:A:ILE:HB	1:131:A:LEU:HD23	19	0.11
(16,1933)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	14	0.11
(16,1933)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	14	0.11
(16,1933)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	14	0.11
(16,1933)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	14	0.11
(16,1933)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	14	0.11
(16,1933)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	14	0.11
(16,1916)	1:9:A:PHE:HD1	1:57:A:LEU:HD11	6	0.11
(16,1916)	1:9:A:PHE:HD1	1:57:A:LEU:HD12	6	0.11
(16,1916)	1:9:A:PHE:HD1	1:57:A:LEU:HD13	6	0.11
(16,1916)	1:9:A:PHE:HD1	1:57:A:LEU:HD21	6	0.11
(16,1916)	1:9:A:PHE:HD1	1:57:A:LEU:HD22	6	0.11
(16,1916)	1:9:A:PHE:HD1	1:57:A:LEU:HD23	6	0.11
(16,1916)	1:9:A:PHE:HD2	1:57:A:LEU:HD11	6	0.11
(16,1916)	1:9:A:PHE:HD2	1:57:A:LEU:HD12	6	0.11
(16,1916)	1:9:A:PHE:HD2	1:57:A:LEU:HD13	6	0.11
(16,1916)	1:9:A:PHE:HD2	1:57:A:LEU:HD21	6	0.11
(16,1916)	1:9:A:PHE:HD2	1:57:A:LEU:HD22	6	0.11
(16,1916)	1:9:A:PHE:HD2	1:57:A:LEU:HD23	6	0.11
(16,1890)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	7	0.11
(16,1890)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	7	0.11
(16,1887)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	16	0.11
(16,1887)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	16	0.11
(16,1887)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	16	0.11
(16,1887)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	16	0.11
(16,1884)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	2	0.11
(16,1884)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	2	0.11
(16,1884)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	2	0.11
(16,1884)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	2	0.11
(16,1884)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	2	0.11
(16,1884)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	2	0.11
(16,1853)	1:76:A:ARG:HB3	1:113:A:PHE:HE1	8	0.11
(16,1853)	1:76:A:ARG:HB3	1:113:A:PHE:HE2	8	0.11
(16,1834)	1:31:A:PRO:HG2	1:80:A:TYR:HE1	3	0.11
(16,1834)	1:31:A:PRO:HG2	1:80:A:TYR:HE2	3	0.11
(16,1834)	1:31:A:PRO:HG3	1:80:A:TYR:HE1	3	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1834)	1:31:A:PRO:HG3	1:80:A:TYR:HE2	3	0.11
(16,1765)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	16	0.11
(16,1765)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	16	0.11
(16,1683)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.11
(16,1683)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.11
(16,1683)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.11
(16,1651)	1:69:A:MET:HE1	1:116:A:GLN:HE21	2	0.11
(16,1651)	1:69:A:MET:HE2	1:116:A:GLN:HE21	2	0.11
(16,1651)	1:69:A:MET:HE3	1:116:A:GLN:HE21	2	0.11
(16,1645)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	1	0.11
(16,1645)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	1	0.11
(16,1645)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	1	0.11
(16,1618)	1:79:A:THR:H	1:80:A:TYR:HA	2	0.11
(16,1593)	1:119:A:LEU:HB3	1:121:A:VAL:HG21	15	0.11
(16,1593)	1:119:A:LEU:HB3	1:121:A:VAL:HG22	15	0.11
(16,1593)	1:119:A:LEU:HB3	1:121:A:VAL:HG23	15	0.11
(16,1589)	1:121:A:VAL:HG11	1:123:A:CYS:H	16	0.11
(16,1589)	1:121:A:VAL:HG12	1:123:A:CYS:H	16	0.11
(16,1589)	1:121:A:VAL:HG13	1:123:A:CYS:H	16	0.11
(16,1587)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	12	0.11
(16,1587)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	12	0.11
(16,1587)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	12	0.11
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	12	0.11
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	12	0.11
(16,1574)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	12	0.11
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	12	0.11
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	12	0.11
(16,1574)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	12	0.11
(16,1564)	1:63:A:ILE:HD11	1:113:A:PHE:HA	18	0.11
(16,1564)	1:63:A:ILE:HD12	1:113:A:PHE:HA	18	0.11
(16,1564)	1:63:A:ILE:HD13	1:113:A:PHE:HA	18	0.11
(16,1514)	1:11:A:ILE:HG21	1:43:A:MET:HE1	12	0.11
(16,1514)	1:11:A:ILE:HG21	1:43:A:MET:HE2	12	0.11
(16,1514)	1:11:A:ILE:HG21	1:43:A:MET:HE3	12	0.11
(16,1514)	1:11:A:ILE:HG22	1:43:A:MET:HE1	12	0.11
(16,1514)	1:11:A:ILE:HG22	1:43:A:MET:HE2	12	0.11
(16,1514)	1:11:A:ILE:HG22	1:43:A:MET:HE3	12	0.11
(16,1514)	1:11:A:ILE:HG23	1:43:A:MET:HE1	12	0.11
(16,1514)	1:11:A:ILE:HG23	1:43:A:MET:HE2	12	0.11
(16,1514)	1:11:A:ILE:HG23	1:43:A:MET:HE3	12	0.11
(16,1504)	1:15:A:ALA:HA	1:43:A:MET:HE1	18	0.11
(16,1504)	1:15:A:ALA:HA	1:43:A:MET:HE2	18	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1504)	1:15:A:ALA:HA	1:43:A:MET:HE3	18	0.11
(16,1479)	1:101:A:ILE:HG21	1:116:A:GLN:H	2	0.11
(16,1479)	1:101:A:ILE:HG22	1:116:A:GLN:H	2	0.11
(16,1479)	1:101:A:ILE:HG23	1:116:A:GLN:H	2	0.11
(16,1479)	1:101:A:ILE:HG21	1:116:A:GLN:H	18	0.11
(16,1479)	1:101:A:ILE:HG22	1:116:A:GLN:H	18	0.11
(16,1479)	1:101:A:ILE:HG23	1:116:A:GLN:H	18	0.11
(16,1474)	1:101:A:ILE:HG21	1:115:A:ALA:H	5	0.11
(16,1474)	1:101:A:ILE:HG22	1:115:A:ALA:H	5	0.11
(16,1474)	1:101:A:ILE:HG23	1:115:A:ALA:H	5	0.11
(16,1474)	1:101:A:ILE:HG21	1:115:A:ALA:H	11	0.11
(16,1474)	1:101:A:ILE:HG22	1:115:A:ALA:H	11	0.11
(16,1474)	1:101:A:ILE:HG23	1:115:A:ALA:H	11	0.11
(16,1466)	1:45:A:ALA:HB1	1:47:A:ALA:H	8	0.11
(16,1466)	1:45:A:ALA:HB2	1:47:A:ALA:H	8	0.11
(16,1466)	1:45:A:ALA:HB3	1:47:A:ALA:H	8	0.11
(16,1459)	1:13:A:ALA:HB1	1:79:A:THR:HB	15	0.11
(16,1459)	1:13:A:ALA:HB2	1:79:A:THR:HB	15	0.11
(16,1459)	1:13:A:ALA:HB3	1:79:A:THR:HB	15	0.11
(16,1376)	1:46:A:ASN:HB2	1:134:A:VAL:HG21	4	0.11
(16,1376)	1:46:A:ASN:HB2	1:134:A:VAL:HG22	4	0.11
(16,1376)	1:46:A:ASN:HB2	1:134:A:VAL:HG23	4	0.11
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG11	19	0.11
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG12	19	0.11
(16,1363)	1:118:A:ASP:HA	1:121:A:VAL:HG13	19	0.11
(16,1271)	1:114:A:ILE:HA	1:117:A:VAL:HG11	8	0.11
(16,1271)	1:114:A:ILE:HA	1:117:A:VAL:HG12	8	0.11
(16,1271)	1:114:A:ILE:HA	1:117:A:VAL:HG13	8	0.11
(16,1257)	1:37:A:LEU:HD11	1:41:A:LYS:HG2	8	0.11
(16,1257)	1:37:A:LEU:HD12	1:41:A:LYS:HG2	8	0.11
(16,1257)	1:37:A:LEU:HD13	1:41:A:LYS:HG2	8	0.11
(16,1220)	1:69:A:MET:HE1	1:110:A:MET:HA	10	0.11
(16,1220)	1:69:A:MET:HE2	1:110:A:MET:HA	10	0.11
(16,1220)	1:69:A:MET:HE3	1:110:A:MET:HA	10	0.11
(16,1193)	1:107:A:LEU:HD21	1:108:A:GLU:H	4	0.11
(16,1193)	1:107:A:LEU:HD22	1:108:A:GLU:H	4	0.11
(16,1193)	1:107:A:LEU:HD23	1:108:A:GLU:H	4	0.11
(16,1193)	1:107:A:LEU:HD21	1:108:A:GLU:H	18	0.11
(16,1193)	1:107:A:LEU:HD22	1:108:A:GLU:H	18	0.11
(16,1193)	1:107:A:LEU:HD23	1:108:A:GLU:H	18	0.11
(16,1168)	1:101:A:ILE:HA	1:101:A:ILE:HD11	19	0.11
(16,1168)	1:101:A:ILE:HA	1:101:A:ILE:HD12	19	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1168)	1:101:A:ILE:HA	1:101:A:ILE:HD13	19	0.11
(16,1159)	1:145:A:PRO:HB2	1:146:A:GLN:HA	8	0.11
(16,1112)	1:42:A:GLU:HA	1:44:A:GLU:H	15	0.11
(16,1037)	1:34:A:LYS:H	1:81:A:GLU:HB3	8	0.11
(16,966)	1:40:A:LEU:HA	1:43:A:MET:HG2	4	0.11
(16,930)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	7	0.11
(16,930)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	7	0.11
(16,930)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	7	0.11
(16,929)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	2	0.11
(16,929)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	2	0.11
(16,929)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	2	0.11
(16,929)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	11	0.11
(16,929)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	11	0.11
(16,929)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	11	0.11
(16,914)	1:21:A:THR:HB	1:23:A:LEU:H	11	0.11
(16,910)	1:69:A:MET:HE1	1:73:A:ILE:HB	2	0.11
(16,910)	1:69:A:MET:HE2	1:73:A:ILE:HB	2	0.11
(16,910)	1:69:A:MET:HE3	1:73:A:ILE:HB	2	0.11
(16,908)	1:94:A:ALA:HA	1:95:A:ILE:HB	18	0.11
(16,877)	1:57:A:LEU:HA	1:60:A:LEU:HB3	13	0.11
(16,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	4	0.11
(16,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	4	0.11
(16,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	4	0.11
(16,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	4	0.11
(16,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	4	0.11
(16,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	4	0.11
(16,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	12	0.11
(16,802)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	12	0.11
(16,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	12	0.11
(16,802)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	12	0.11
(16,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	12	0.11
(16,802)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	12	0.11
(16,705)	1:98:A:ILE:H	1:104:A:PHE:H	8	0.11
(16,705)	1:98:A:ILE:H	1:104:A:PHE:H	15	0.11
(16,662)	1:101:A:ILE:H	1:104:A:PHE:HB3	13	0.11
(16,660)	1:98:A:ILE:H	1:100:A:ALA:H	10	0.11
(16,645)	1:66:A:THR:H	1:69:A:MET:HA	14	0.11
(16,627)	1:34:A:LYS:HG2	1:35:A:LEU:H	4	0.11
(16,627)	1:34:A:LYS:HG3	1:35:A:LEU:H	4	0.11
(16,583)	1:116:A:GLN:HB2	1:116:A:GLN:HE22	2	0.11
(16,583)	1:116:A:GLN:HB3	1:116:A:GLN:HE22	2	0.11
(16,583)	1:116:A:GLN:HB2	1:116:A:GLN:HE22	9	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,583)	1:116:A:GLN:HB3	1:116:A:GLN:HE22	9	0.11
(16,583)	1:116:A:GLN:HB2	1:116:A:GLN:HE22	12	0.11
(16,583)	1:116:A:GLN:HB3	1:116:A:GLN:HE22	12	0.11
(16,524)	1:67:A:PRO:HA	1:71:A:LYS:H	14	0.11
(16,513)	1:70:A:LYS:HE2	1:71:A:LYS:H	5	0.11
(16,513)	1:70:A:LYS:HE3	1:71:A:LYS:H	5	0.11
(16,324)	1:56:A:CYS:HA	1:122:A:ASP:H	11	0.11
(16,323)	1:121:A:VAL:H	1:122:A:ASP:HA	6	0.11
(16,256)	1:58:A:ILE:H	1:58:A:ILE:HD11	7	0.11
(16,256)	1:58:A:ILE:H	1:58:A:ILE:HD12	7	0.11
(16,256)	1:58:A:ILE:H	1:58:A:ILE:HD13	7	0.11
(16,252)	1:54:A:ARG:HA	1:58:A:ILE:H	16	0.11
(16,245)	1:47:A:ALA:HB1	1:50:A:ALA:H	5	0.11
(16,245)	1:47:A:ALA:HB2	1:50:A:ALA:H	5	0.11
(16,245)	1:47:A:ALA:HB3	1:50:A:ALA:H	5	0.11
(16,241)	1:50:A:ALA:H	1:52:A:CYS:H	3	0.11
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD11	5	0.11
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD12	5	0.11
(16,182)	1:8:A:ASP:H	1:58:A:ILE:HD13	5	0.11
(16,127)	1:46:A:ASN:HB3	1:49:A:LYS:H	4	0.11
(16,66)	1:13:A:ALA:HB1	1:81:A:GLU:H	12	0.11
(16,66)	1:13:A:ALA:HB2	1:81:A:GLU:H	12	0.11
(16,66)	1:13:A:ALA:HB3	1:81:A:GLU:H	12	0.11
(16,65)	1:115:A:ALA:HB1	1:117:A:VAL:H	15	0.11
(16,65)	1:115:A:ALA:HB2	1:117:A:VAL:H	15	0.11
(16,65)	1:115:A:ALA:HB3	1:117:A:VAL:H	15	0.11
(16,12)	1:64:A:LYS:H	1:64:A:LYS:HE2	9	0.11
(16,12)	1:64:A:LYS:H	1:64:A:LYS:HE3	9	0.11
(15,2464)	1:140:A:LEU:HD11	1:143:A:TRP:H	10	0.11
(15,2464)	1:140:A:LEU:HD12	1:143:A:TRP:H	10	0.11
(15,2464)	1:140:A:LEU:HD13	1:143:A:TRP:H	10	0.11
(15,2464)	1:140:A:LEU:HD21	1:143:A:TRP:H	10	0.11
(15,2464)	1:140:A:LEU:HD22	1:143:A:TRP:H	10	0.11
(15,2464)	1:140:A:LEU:HD23	1:143:A:TRP:H	10	0.11
(15,2322)	1:107:A:LEU:HD11	1:111:A:GLU:H	3	0.11
(15,2322)	1:107:A:LEU:HD12	1:111:A:GLU:H	3	0.11
(15,2322)	1:107:A:LEU:HD13	1:111:A:GLU:H	3	0.11
(15,2322)	1:107:A:LEU:HD21	1:111:A:GLU:H	3	0.11
(15,2322)	1:107:A:LEU:HD22	1:111:A:GLU:H	3	0.11
(15,2322)	1:107:A:LEU:HD23	1:111:A:GLU:H	3	0.11
(15,2317)	1:107:A:LEU:HA	1:108:A:GLU:HG2	6	0.11
(15,2317)	1:107:A:LEU:HA	1:108:A:GLU:HG3	6	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2310)	1:105:A:LYS:HG2	1:106:A:ASP:HA	4	0.11
(15,2310)	1:105:A:LYS:HG3	1:106:A:ASP:HA	4	0.11
(15,2263)	1:79:A:THR:HG21	1:81:A:GLU:HB2	10	0.11
(15,2263)	1:79:A:THR:HG21	1:81:A:GLU:HB3	10	0.11
(15,2263)	1:79:A:THR:HG22	1:81:A:GLU:HB2	10	0.11
(15,2263)	1:79:A:THR:HG22	1:81:A:GLU:HB3	10	0.11
(15,2263)	1:79:A:THR:HG23	1:81:A:GLU:HB2	10	0.11
(15,2263)	1:79:A:THR:HG23	1:81:A:GLU:HB3	10	0.11
(15,2259)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	15	0.11
(15,2259)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	15	0.11
(15,2259)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	15	0.11
(15,2259)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	15	0.11
(15,2223)	1:68:A:LYS:H	1:70:A:LYS:HG2	12	0.11
(15,2223)	1:68:A:LYS:H	1:70:A:LYS:HG3	12	0.11
(15,2218)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	6	0.11
(15,2218)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	6	0.11
(15,2213)	1:66:A:THR:H	1:116:A:GLN:HE21	6	0.11
(15,2213)	1:66:A:THR:H	1:116:A:GLN:HE22	6	0.11
(15,2206)	1:65:A:CYS:HB2	1:69:A:MET:HG2	13	0.11
(15,2206)	1:65:A:CYS:HB2	1:69:A:MET:HG3	13	0.11
(15,2206)	1:65:A:CYS:HB3	1:69:A:MET:HG2	13	0.11
(15,2206)	1:65:A:CYS:HB3	1:69:A:MET:HG3	13	0.11
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD11	1	0.11
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD12	1	0.11
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD13	1	0.11
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD21	1	0.11
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD22	1	0.11
(15,2179)	1:59:A:CYS:HA	1:60:A:LEU:HD23	1	0.11
(15,2115)	1:43:A:MET:H	1:43:A:MET:HG2	7	0.11
(15,2115)	1:43:A:MET:H	1:43:A:MET:HG3	7	0.11
(15,2075)	1:39:A:VAL:HA	1:139:A:LEU:HD11	4	0.11
(15,2075)	1:39:A:VAL:HA	1:139:A:LEU:HD12	4	0.11
(15,2075)	1:39:A:VAL:HA	1:139:A:LEU:HD13	4	0.11
(15,2075)	1:39:A:VAL:HA	1:139:A:LEU:HD21	4	0.11
(15,2075)	1:39:A:VAL:HA	1:139:A:LEU:HD22	4	0.11
(15,2075)	1:39:A:VAL:HA	1:139:A:LEU:HD23	4	0.11
(15,2072)	1:39:A:VAL:H	1:139:A:LEU:HD11	13	0.11
(15,2072)	1:39:A:VAL:H	1:139:A:LEU:HD12	13	0.11
(15,2072)	1:39:A:VAL:H	1:139:A:LEU:HD13	13	0.11
(15,2072)	1:39:A:VAL:H	1:139:A:LEU:HD21	13	0.11
(15,2072)	1:39:A:VAL:H	1:139:A:LEU:HD22	13	0.11
(15,2072)	1:39:A:VAL:H	1:139:A:LEU:HD23	13	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD11	17	0.11
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD12	17	0.11
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD13	17	0.11
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD21	17	0.11
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD22	17	0.11
(15,2024)	1:29:A:LYS:HB2	1:30:A:LEU:HD23	17	0.11
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD11	17	0.11
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD12	17	0.11
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD13	17	0.11
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD21	17	0.11
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD22	17	0.11
(15,2024)	1:29:A:LYS:HB3	1:30:A:LEU:HD23	17	0.11
(15,2008)	1:22:A:ASP:H	1:23:A:LEU:HD11	10	0.11
(15,2008)	1:22:A:ASP:H	1:23:A:LEU:HD12	10	0.11
(15,2008)	1:22:A:ASP:H	1:23:A:LEU:HD13	10	0.11
(15,2008)	1:22:A:ASP:H	1:23:A:LEU:HD21	10	0.11
(15,2008)	1:22:A:ASP:H	1:23:A:LEU:HD22	10	0.11
(15,2008)	1:22:A:ASP:H	1:23:A:LEU:HD23	10	0.11
(15,1971)	1:15:A:ALA:H	1:17:A:ASN:HD21	19	0.11
(15,1971)	1:15:A:ALA:H	1:17:A:ASN:HD22	19	0.11
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	8	0.11
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	8	0.11
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	8	0.11
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	8	0.11
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	8	0.11
(15,1970)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	8	0.11
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	8	0.11
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	8	0.11
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	8	0.11
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	8	0.11
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	8	0.11
(15,1970)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	8	0.11
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	8	0.11
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	8	0.11
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	8	0.11
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	8	0.11
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	8	0.11
(15,1970)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	8	0.11
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	8	0.11
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	8	0.11
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	8	0.11
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	8	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	8	0.11
(15,1970)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	8	0.11
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	8	0.11
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	8	0.11
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	8	0.11
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	8	0.11
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	8	0.11
(15,1970)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	8	0.11
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	8	0.11
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	8	0.11
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	8	0.11
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	8	0.11
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	8	0.11
(15,1970)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	8	0.11
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD11	4	0.11
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD12	4	0.11
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD13	4	0.11
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD21	4	0.11
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD22	4	0.11
(15,1952)	1:14:A:VAL:H	1:131:A:LEU:HD23	4	0.11
(15,1942)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	3	0.11
(15,1942)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	3	0.11
(15,1942)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	3	0.11
(15,1942)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	3	0.11
(15,1942)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	3	0.11
(15,1942)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	3	0.11
(15,1942)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	3	0.11
(15,1942)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	3	0.11
(15,1942)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	3	0.11
(15,1942)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	3	0.11
(15,1942)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	3	0.11
(15,1942)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	3	0.11
(15,1942)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	3	0.11
(15,1942)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	3	0.11
(15,1942)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	3	0.11
(15,1942)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	3	0.11
(15,1942)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	3	0.11
(15,1942)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	3	0.11
(15,1926)	1:10:A:ASN:HD21	1:11:A:ILE:HG21	14	0.11
(15,1926)	1:10:A:ASN:HD21	1:11:A:ILE:HG22	14	0.11
(15,1926)	1:10:A:ASN:HD21	1:11:A:ILE:HG23	14	0.11
(15,1926)	1:10:A:ASN:HD22	1:11:A:ILE:HG21	14	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1926)	1:10:A:ASN:HD22	1:11:A:ILE:HG22	14	0.11
(15,1926)	1:10:A:ASN:HD22	1:11:A:ILE:HG23	14	0.11
(15,1910)	1:9:A:PHE:HD1	1:57:A:LEU:HD11	6	0.11
(15,1910)	1:9:A:PHE:HD1	1:57:A:LEU:HD12	6	0.11
(15,1910)	1:9:A:PHE:HD1	1:57:A:LEU:HD13	6	0.11
(15,1910)	1:9:A:PHE:HD1	1:57:A:LEU:HD21	6	0.11
(15,1910)	1:9:A:PHE:HD1	1:57:A:LEU:HD22	6	0.11
(15,1910)	1:9:A:PHE:HD1	1:57:A:LEU:HD23	6	0.11
(15,1910)	1:9:A:PHE:HD2	1:57:A:LEU:HD11	6	0.11
(15,1910)	1:9:A:PHE:HD2	1:57:A:LEU:HD12	6	0.11
(15,1910)	1:9:A:PHE:HD2	1:57:A:LEU:HD13	6	0.11
(15,1910)	1:9:A:PHE:HD2	1:57:A:LEU:HD21	6	0.11
(15,1910)	1:9:A:PHE:HD2	1:57:A:LEU:HD22	6	0.11
(15,1910)	1:9:A:PHE:HD2	1:57:A:LEU:HD23	6	0.11
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	5	0.11
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	5	0.11
(15,1873)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	5	0.11
(15,1848)	1:113:A:PHE:HE1	1:114:A:ILE:HA	9	0.11
(15,1848)	1:113:A:PHE:HE2	1:114:A:ILE:HA	9	0.11
(15,1812)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	13	0.11
(15,1791)	1:104:A:PHE:HE1	1:105:A:LYS:HA	11	0.11
(15,1791)	1:104:A:PHE:HE2	1:105:A:LYS:HA	11	0.11
(15,1787)	1:9:A:PHE:HD1	1:58:A:ILE:HG13	17	0.11
(15,1787)	1:9:A:PHE:HD2	1:58:A:ILE:HG13	17	0.11
(15,1787)	1:9:A:PHE:HD1	1:58:A:ILE:HG12	17	0.11
(15,1787)	1:9:A:PHE:HD2	1:58:A:ILE:HG12	17	0.11
(15,1760)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	16	0.11
(15,1760)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	16	0.11
(15,1726)	1:105:A:LYS:H	1:105:A:LYS:HG3	12	0.11
(15,1696)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	2	0.11
(15,1685)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.11
(15,1685)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.11
(15,1685)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.11
(15,1664)	1:107:A:LEU:H	1:111:A:GLU:HB2	5	0.11
(15,1664)	1:107:A:LEU:H	1:111:A:GLU:HB3	5	0.11
(15,1650)	1:46:A:ASN:HB2	1:134:A:VAL:HG21	4	0.11
(15,1650)	1:46:A:ASN:HB2	1:134:A:VAL:HG22	4	0.11
(15,1650)	1:46:A:ASN:HB2	1:134:A:VAL:HG23	4	0.11
(15,1620)	1:79:A:THR:H	1:80:A:TYR:HA	2	0.11
(15,1610)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	8	0.11
(15,1610)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	8	0.11
(15,1610)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	8	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	12	0.11
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	12	0.11
(15,1580)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	12	0.11
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	12	0.11
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	12	0.11
(15,1580)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	12	0.11
(15,1578)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	1	0.11
(15,1578)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	1	0.11
(15,1578)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	1	0.11
(15,1578)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	6	0.11
(15,1578)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	6	0.11
(15,1578)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	6	0.11
(15,1570)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	14	0.11
(15,1570)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	14	0.11
(15,1570)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	14	0.11
(15,1570)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	14	0.11
(15,1570)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	14	0.11
(15,1570)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	14	0.11
(15,1516)	1:110:A:MET:HE1	1:113:A:PHE:HA	13	0.11
(15,1516)	1:110:A:MET:HE2	1:113:A:PHE:HA	13	0.11
(15,1516)	1:110:A:MET:HE3	1:113:A:PHE:HA	13	0.11
(15,1506)	1:69:A:MET:HE1	1:110:A:MET:H	11	0.11
(15,1506)	1:69:A:MET:HE2	1:110:A:MET:H	11	0.11
(15,1506)	1:69:A:MET:HE3	1:110:A:MET:H	11	0.11
(15,1472)	1:101:A:ILE:HG21	1:116:A:GLN:H	2	0.11
(15,1472)	1:101:A:ILE:HG22	1:116:A:GLN:H	2	0.11
(15,1472)	1:101:A:ILE:HG23	1:116:A:GLN:H	2	0.11
(15,1472)	1:101:A:ILE:HG21	1:116:A:GLN:H	18	0.11
(15,1472)	1:101:A:ILE:HG22	1:116:A:GLN:H	18	0.11
(15,1472)	1:101:A:ILE:HG23	1:116:A:GLN:H	18	0.11
(15,1467)	1:101:A:ILE:HG21	1:115:A:ALA:H	5	0.11
(15,1467)	1:101:A:ILE:HG22	1:115:A:ALA:H	5	0.11
(15,1467)	1:101:A:ILE:HG23	1:115:A:ALA:H	5	0.11
(15,1467)	1:101:A:ILE:HG21	1:115:A:ALA:H	11	0.11
(15,1467)	1:101:A:ILE:HG22	1:115:A:ALA:H	11	0.11
(15,1467)	1:101:A:ILE:HG23	1:115:A:ALA:H	11	0.11
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	8	0.11
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	8	0.11
(15,1411)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	8	0.11
(15,1408)	1:100:A:ALA:HB1	1:119:A:LEU:HD11	6	0.11
(15,1408)	1:100:A:ALA:HB1	1:119:A:LEU:HD12	6	0.11
(15,1408)	1:100:A:ALA:HB1	1:119:A:LEU:HD13	6	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1408)	1:100:A:ALA:HB2	1:119:A:LEU:HD11	6	0.11
(15,1408)	1:100:A:ALA:HB2	1:119:A:LEU:HD12	6	0.11
(15,1408)	1:100:A:ALA:HB2	1:119:A:LEU:HD13	6	0.11
(15,1408)	1:100:A:ALA:HB3	1:119:A:LEU:HD11	6	0.11
(15,1408)	1:100:A:ALA:HB3	1:119:A:LEU:HD12	6	0.11
(15,1408)	1:100:A:ALA:HB3	1:119:A:LEU:HD13	6	0.11
(15,1404)	1:120:A:CYS:HA	1:121:A:VAL:HG21	12	0.11
(15,1404)	1:120:A:CYS:HA	1:121:A:VAL:HG22	12	0.11
(15,1404)	1:120:A:CYS:HA	1:121:A:VAL:HG23	12	0.11
(15,1358)	1:120:A:CYS:HA	1:121:A:VAL:HG11	14	0.11
(15,1358)	1:120:A:CYS:HA	1:121:A:VAL:HG12	14	0.11
(15,1358)	1:120:A:CYS:HA	1:121:A:VAL:HG13	14	0.11
(15,1292)	1:128:A:LEU:HD11	1:129:A:LYS:H	9	0.11
(15,1292)	1:128:A:LEU:HD12	1:129:A:LYS:H	9	0.11
(15,1292)	1:128:A:LEU:HD13	1:129:A:LYS:H	9	0.11
(15,1290)	1:66:A:THR:HG21	1:70:A:LYS:H	11	0.11
(15,1290)	1:66:A:THR:HG22	1:70:A:LYS:H	11	0.11
(15,1290)	1:66:A:THR:HG23	1:70:A:LYS:H	11	0.11
(15,1267)	1:15:A:ALA:HA	1:19:A:ALA:H	12	0.11
(15,1247)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	2	0.11
(15,1247)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	2	0.11
(15,1247)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	2	0.11
(15,1247)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	2	0.11
(15,1247)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	2	0.11
(15,1247)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	2	0.11
(15,1247)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	2	0.11
(15,1247)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	2	0.11
(15,1247)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	2	0.11
(15,1191)	1:107:A:LEU:H	1:107:A:LEU:HD21	7	0.11
(15,1191)	1:107:A:LEU:H	1:107:A:LEU:HD22	7	0.11
(15,1191)	1:107:A:LEU:H	1:107:A:LEU:HD23	7	0.11
(15,1187)	1:107:A:LEU:HD21	1:108:A:GLU:H	4	0.11
(15,1187)	1:107:A:LEU:HD22	1:108:A:GLU:H	4	0.11
(15,1187)	1:107:A:LEU:HD23	1:108:A:GLU:H	4	0.11
(15,1187)	1:107:A:LEU:HD21	1:108:A:GLU:H	18	0.11
(15,1187)	1:107:A:LEU:HD22	1:108:A:GLU:H	18	0.11
(15,1187)	1:107:A:LEU:HD23	1:108:A:GLU:H	18	0.11
(15,1150)	1:145:A:PRO:HB2	1:146:A:GLN:HA	15	0.11
(15,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE1	18	0.11
(15,1142)	1:80:A:TYR:HA	1:80:A:TYR:HE2	18	0.11
(15,1141)	1:80:A:TYR:HA	1:80:A:TYR:HD1	7	0.11
(15,1141)	1:80:A:TYR:HA	1:80:A:TYR:HD2	7	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1141)	1:80:A:TYR:HA	1:80:A:TYR:HD1	11	0.11
(15,1141)	1:80:A:TYR:HA	1:80:A:TYR:HD2	11	0.11
(15,1119)	1:66:A:THR:HG21	1:105:A:LYS:HA	8	0.11
(15,1119)	1:66:A:THR:HG22	1:105:A:LYS:HA	8	0.11
(15,1119)	1:66:A:THR:HG23	1:105:A:LYS:HA	8	0.11
(15,1064)	1:13:A:ALA:HB1	1:79:A:THR:HA	17	0.11
(15,1064)	1:13:A:ALA:HB2	1:79:A:THR:HA	17	0.11
(15,1064)	1:13:A:ALA:HB3	1:79:A:THR:HA	17	0.11
(15,1060)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	1	0.11
(15,1060)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	1	0.11
(15,1060)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	2	0.11
(15,1060)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	2	0.11
(15,1059)	1:79:A:THR:HA	1:80:A:TYR:HD1	12	0.11
(15,1059)	1:79:A:THR:HA	1:80:A:TYR:HD2	12	0.11
(15,1023)	1:27:A:ARG:HB2	1:28:A:GLY:HA2	17	0.11
(15,1023)	1:27:A:ARG:HB2	1:28:A:GLY:HA3	17	0.11
(15,999)	1:63:A:ILE:HA	1:64:A:LYS:HD2	1	0.11
(15,999)	1:63:A:ILE:HA	1:64:A:LYS:HD3	1	0.11
(15,940)	1:67:A:PRO:HA	1:70:A:LYS:HB2	18	0.11
(15,940)	1:67:A:PRO:HA	1:70:A:LYS:HB3	18	0.11
(15,906)	1:149:A:ALA:HB1	1:150:A:THR:HB	17	0.11
(15,906)	1:149:A:ALA:HB2	1:150:A:THR:HB	17	0.11
(15,906)	1:149:A:ALA:HB3	1:150:A:THR:HB	17	0.11
(15,892)	1:94:A:ALA:HA	1:95:A:ILE:HB	18	0.11
(15,867)	1:57:A:LEU:HA	1:60:A:LEU:HB3	13	0.11
(15,851)	1:71:A:LYS:HE2	1:72:A:PHE:HE1	11	0.11
(15,851)	1:71:A:LYS:HE2	1:72:A:PHE:HE2	11	0.11
(15,851)	1:71:A:LYS:HE3	1:72:A:PHE:HE1	11	0.11
(15,851)	1:71:A:LYS:HE3	1:72:A:PHE:HE2	11	0.11
(15,799)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	4	0.11
(15,799)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	4	0.11
(15,799)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	4	0.11
(15,799)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	4	0.11
(15,799)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	4	0.11
(15,799)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	4	0.11
(15,799)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	12	0.11
(15,799)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	12	0.11
(15,799)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	12	0.11
(15,799)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	12	0.11
(15,799)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	12	0.11
(15,799)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	12	0.11
(15,768)	1:41:A:LYS:HG2	1:42:A:GLU:H	19	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,745)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	5	0.11
(15,745)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	5	0.11
(15,717)	1:45:A:ALA:H	1:48:A:ARG:HE	11	0.11
(15,697)	1:98:A:ILE:H	1:100:A:ALA:H	10	0.11
(15,660)	1:101:A:ILE:H	1:104:A:PHE:HB3	13	0.11
(15,648)	1:66:A:THR:H	1:69:A:MET:HA	14	0.11
(15,620)	1:55:A:GLY:H	1:58:A:ILE:HB	6	0.11
(15,339)	1:57:A:LEU:H	1:58:A:ILE:HB	3	0.11
(15,255)	1:58:A:ILE:H	1:58:A:ILE:HD11	7	0.11
(15,255)	1:58:A:ILE:H	1:58:A:ILE:HD12	7	0.11
(15,255)	1:58:A:ILE:H	1:58:A:ILE:HD13	7	0.11
(15,245)	1:47:A:ALA:HB1	1:50:A:ALA:H	5	0.11
(15,245)	1:47:A:ALA:HB2	1:50:A:ALA:H	5	0.11
(15,245)	1:47:A:ALA:HB3	1:50:A:ALA:H	5	0.11
(15,241)	1:50:A:ALA:H	1:52:A:CYS:H	3	0.11
(15,215)	1:98:A:ILE:HD11	1:101:A:ILE:H	19	0.11
(15,215)	1:98:A:ILE:HD12	1:101:A:ILE:H	19	0.11
(15,215)	1:98:A:ILE:HD13	1:101:A:ILE:H	19	0.11
(15,184)	1:93:A:GLU:H	1:93:A:GLU:HG2	13	0.11
(15,184)	1:93:A:GLU:H	1:93:A:GLU:HG3	13	0.11
(15,184)	1:93:A:GLU:H	1:93:A:GLU:HG2	15	0.11
(15,184)	1:93:A:GLU:H	1:93:A:GLU:HG3	15	0.11
(15,164)	1:127:A:CYS:H	1:128:A:LEU:HG	17	0.11
(15,133)	1:46:A:ASN:HB3	1:49:A:LYS:H	4	0.11
(15,121)	1:22:A:ASP:H	1:23:A:LEU:HB2	12	0.11
(15,121)	1:22:A:ASP:H	1:23:A:LEU:HB3	12	0.11
(15,71)	1:115:A:ALA:HB1	1:117:A:VAL:H	15	0.11
(15,71)	1:115:A:ALA:HB2	1:117:A:VAL:H	15	0.11
(15,71)	1:115:A:ALA:HB3	1:117:A:VAL:H	15	0.11
(15,55)	1:98:A:ILE:H	1:101:A:ILE:HG13	9	0.11
(15,16)	1:64:A:LYS:H	1:64:A:LYS:HD2	11	0.11
(15,16)	1:64:A:LYS:H	1:64:A:LYS:HD3	11	0.11
(15,12)	1:64:A:LYS:H	1:116:A:GLN:HG3	12	0.11
(13,2308)	1:107:A:LEU:HD11	1:111:A:GLU:H	3	0.11
(13,2308)	1:107:A:LEU:HD12	1:111:A:GLU:H	3	0.11
(13,2308)	1:107:A:LEU:HD13	1:111:A:GLU:H	3	0.11
(13,2308)	1:107:A:LEU:HD21	1:111:A:GLU:H	3	0.11
(13,2308)	1:107:A:LEU:HD22	1:111:A:GLU:H	3	0.11
(13,2308)	1:107:A:LEU:HD23	1:111:A:GLU:H	3	0.11
(13,2206)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	6	0.11
(13,2206)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	6	0.11
(13,2201)	1:66:A:THR:H	1:116:A:GLN:HE21	6	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,2201)	1:66:A:THR:H	1:116:A:GLN:HE22	6	0.11
(13,2194)	1:65:A:CYS:HB2	1:69:A:MET:HG2	9	0.11
(13,2194)	1:65:A:CYS:HB2	1:69:A:MET:HG3	9	0.11
(13,2194)	1:65:A:CYS:HB3	1:69:A:MET:HG2	9	0.11
(13,2194)	1:65:A:CYS:HB3	1:69:A:MET:HG3	9	0.11
(13,2194)	1:65:A:CYS:HB2	1:69:A:MET:HG2	11	0.11
(13,2194)	1:65:A:CYS:HB2	1:69:A:MET:HG3	11	0.11
(13,2194)	1:65:A:CYS:HB3	1:69:A:MET:HG2	11	0.11
(13,2194)	1:65:A:CYS:HB3	1:69:A:MET:HG3	11	0.11
(13,2193)	1:65:A:CYS:HB2	1:66:A:THR:HG21	8	0.11
(13,2193)	1:65:A:CYS:HB2	1:66:A:THR:HG22	8	0.11
(13,2193)	1:65:A:CYS:HB2	1:66:A:THR:HG23	8	0.11
(13,2193)	1:65:A:CYS:HB3	1:66:A:THR:HG21	8	0.11
(13,2193)	1:65:A:CYS:HB3	1:66:A:THR:HG22	8	0.11
(13,2193)	1:65:A:CYS:HB3	1:66:A:THR:HG23	8	0.11
(13,2144)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	17	0.11
(13,2144)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	17	0.11
(13,2144)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	17	0.11
(13,2144)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	17	0.11
(13,2144)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	17	0.11
(13,2144)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	17	0.11
(13,2096)	1:43:A:MET:HG3	1:46:A:ASN:HD21	4	0.11
(13,2096)	1:43:A:MET:HG3	1:46:A:ASN:HD22	4	0.11
(13,2076)	1:40:A:LEU:HA	1:40:A:LEU:HD11	12	0.11
(13,2076)	1:40:A:LEU:HA	1:40:A:LEU:HD12	12	0.11
(13,2076)	1:40:A:LEU:HA	1:40:A:LEU:HD13	12	0.11
(13,2076)	1:40:A:LEU:HA	1:40:A:LEU:HD21	12	0.11
(13,2076)	1:40:A:LEU:HA	1:40:A:LEU:HD22	12	0.11
(13,2076)	1:40:A:LEU:HA	1:40:A:LEU:HD23	12	0.11
(13,1999)	1:23:A:LEU:H	1:23:A:LEU:HD11	5	0.11
(13,1999)	1:23:A:LEU:H	1:23:A:LEU:HD12	5	0.11
(13,1999)	1:23:A:LEU:H	1:23:A:LEU:HD13	5	0.11
(13,1999)	1:23:A:LEU:H	1:23:A:LEU:HD21	5	0.11
(13,1999)	1:23:A:LEU:H	1:23:A:LEU:HD22	5	0.11
(13,1999)	1:23:A:LEU:H	1:23:A:LEU:HD23	5	0.11
(13,1997)	1:22:A:ASP:H	1:23:A:LEU:HD11	10	0.11
(13,1997)	1:22:A:ASP:H	1:23:A:LEU:HD12	10	0.11
(13,1997)	1:22:A:ASP:H	1:23:A:LEU:HD13	10	0.11
(13,1997)	1:22:A:ASP:H	1:23:A:LEU:HD21	10	0.11
(13,1997)	1:22:A:ASP:H	1:23:A:LEU:HD22	10	0.11
(13,1997)	1:22:A:ASP:H	1:23:A:LEU:HD23	10	0.11
(13,1963)	1:15:A:ALA:H	1:17:A:ASN:HD21	19	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1963)	1:15:A:ALA:H	1:17:A:ASN:HD22	19	0.11
(13,1937)	1:12:A:VAL:HG11	1:80:A:TYR:HB3	4	0.11
(13,1937)	1:12:A:VAL:HG12	1:80:A:TYR:HB3	4	0.11
(13,1937)	1:12:A:VAL:HG13	1:80:A:TYR:HB3	4	0.11
(13,1937)	1:12:A:VAL:HG21	1:80:A:TYR:HB3	4	0.11
(13,1937)	1:12:A:VAL:HG22	1:80:A:TYR:HB3	4	0.11
(13,1937)	1:12:A:VAL:HG23	1:80:A:TYR:HB3	4	0.11
(13,1929)	1:12:A:VAL:HG11	1:13:A:ALA:HB1	1	0.11
(13,1929)	1:12:A:VAL:HG11	1:13:A:ALA:HB2	1	0.11
(13,1929)	1:12:A:VAL:HG11	1:13:A:ALA:HB3	1	0.11
(13,1929)	1:12:A:VAL:HG12	1:13:A:ALA:HB1	1	0.11
(13,1929)	1:12:A:VAL:HG12	1:13:A:ALA:HB2	1	0.11
(13,1929)	1:12:A:VAL:HG12	1:13:A:ALA:HB3	1	0.11
(13,1929)	1:12:A:VAL:HG13	1:13:A:ALA:HB1	1	0.11
(13,1929)	1:12:A:VAL:HG13	1:13:A:ALA:HB2	1	0.11
(13,1929)	1:12:A:VAL:HG13	1:13:A:ALA:HB3	1	0.11
(13,1929)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	1	0.11
(13,1929)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	1	0.11
(13,1929)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	1	0.11
(13,1929)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	1	0.11
(13,1929)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	1	0.11
(13,1929)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	1	0.11
(13,1929)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	1	0.11
(13,1929)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	1	0.11
(13,1929)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	1	0.11
(13,1768)	1:104:A:PHE:HE1	1:105:A:LYS:HA	11	0.11
(13,1768)	1:104:A:PHE:HE2	1:105:A:LYS:HA	11	0.11
(13,1736)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	16	0.11
(13,1736)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	16	0.11
(13,1729)	1:141:A:LYS:HA	1:144:A:LEU:HD21	1	0.11
(13,1729)	1:141:A:LYS:HA	1:144:A:LEU:HD22	1	0.11
(13,1729)	1:141:A:LYS:HA	1:144:A:LEU:HD23	1	0.11
(13,1675)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	2	0.11
(13,1674)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	18	0.11
(13,1674)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	18	0.11
(13,1657)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.11
(13,1657)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.11
(13,1657)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.11
(13,1637)	1:107:A:LEU:H	1:111:A:GLU:HB2	5	0.11
(13,1637)	1:107:A:LEU:H	1:111:A:GLU:HB3	5	0.11
(13,1627)	1:69:A:MET:H	1:69:A:MET:HE1	14	0.11
(13,1627)	1:69:A:MET:H	1:69:A:MET:HE2	14	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1627)	1:69:A:MET:H	1:69:A:MET:HE3	14	0.11
(13,1598)	1:79:A:THR:H	1:80:A:TYR:HA	2	0.11
(13,1538)	1:11:A:ILE:HD11	1:14:A:VAL:H	8	0.11
(13,1538)	1:11:A:ILE:HD12	1:14:A:VAL:H	8	0.11
(13,1538)	1:11:A:ILE:HD13	1:14:A:VAL:H	8	0.11
(13,1538)	1:11:A:ILE:HD11	1:14:A:VAL:H	9	0.11
(13,1538)	1:11:A:ILE:HD12	1:14:A:VAL:H	9	0.11
(13,1538)	1:11:A:ILE:HD13	1:14:A:VAL:H	9	0.11
(13,1505)	1:76:A:ARG:HG2	1:110:A:MET:HE1	11	0.11
(13,1505)	1:76:A:ARG:HG2	1:110:A:MET:HE2	11	0.11
(13,1505)	1:76:A:ARG:HG2	1:110:A:MET:HE3	11	0.11
(13,1505)	1:76:A:ARG:HG3	1:110:A:MET:HE1	11	0.11
(13,1505)	1:76:A:ARG:HG3	1:110:A:MET:HE2	11	0.11
(13,1505)	1:76:A:ARG:HG3	1:110:A:MET:HE3	11	0.11
(13,1502)	1:66:A:THR:HG21	1:69:A:MET:HE1	4	0.11
(13,1502)	1:66:A:THR:HG21	1:69:A:MET:HE2	4	0.11
(13,1502)	1:66:A:THR:HG21	1:69:A:MET:HE3	4	0.11
(13,1502)	1:66:A:THR:HG22	1:69:A:MET:HE1	4	0.11
(13,1502)	1:66:A:THR:HG22	1:69:A:MET:HE2	4	0.11
(13,1502)	1:66:A:THR:HG22	1:69:A:MET:HE3	4	0.11
(13,1502)	1:66:A:THR:HG23	1:69:A:MET:HE1	4	0.11
(13,1502)	1:66:A:THR:HG23	1:69:A:MET:HE2	4	0.11
(13,1502)	1:66:A:THR:HG23	1:69:A:MET:HE3	4	0.11
(13,1487)	1:11:A:ILE:HG21	1:43:A:MET:HE1	12	0.11
(13,1487)	1:11:A:ILE:HG21	1:43:A:MET:HE2	12	0.11
(13,1487)	1:11:A:ILE:HG21	1:43:A:MET:HE3	12	0.11
(13,1487)	1:11:A:ILE:HG22	1:43:A:MET:HE1	12	0.11
(13,1487)	1:11:A:ILE:HG22	1:43:A:MET:HE2	12	0.11
(13,1487)	1:11:A:ILE:HG22	1:43:A:MET:HE3	12	0.11
(13,1487)	1:11:A:ILE:HG23	1:43:A:MET:HE1	12	0.11
(13,1487)	1:11:A:ILE:HG23	1:43:A:MET:HE2	12	0.11
(13,1487)	1:11:A:ILE:HG23	1:43:A:MET:HE3	12	0.11
(13,1453)	1:101:A:ILE:HG21	1:116:A:GLN:H	2	0.11
(13,1453)	1:101:A:ILE:HG22	1:116:A:GLN:H	2	0.11
(13,1453)	1:101:A:ILE:HG23	1:116:A:GLN:H	2	0.11
(13,1453)	1:101:A:ILE:HG21	1:116:A:GLN:H	18	0.11
(13,1453)	1:101:A:ILE:HG22	1:116:A:GLN:H	18	0.11
(13,1453)	1:101:A:ILE:HG23	1:116:A:GLN:H	18	0.11
(13,1416)	1:50:A:ALA:HB1	1:130:A:GLY:H	5	0.11
(13,1416)	1:50:A:ALA:HB2	1:130:A:GLY:H	5	0.11
(13,1416)	1:50:A:ALA:HB3	1:130:A:GLY:H	5	0.11
(13,1415)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	5	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1415)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	5	0.11
(13,1405)	1:50:A:ALA:HB1	1:127:A:CYS:HA	18	0.11
(13,1405)	1:50:A:ALA:HB2	1:127:A:CYS:HA	18	0.11
(13,1405)	1:50:A:ALA:HB3	1:127:A:CYS:HA	18	0.11
(13,1378)	1:11:A:ILE:HG21	1:15:A:ALA:HB1	3	0.11
(13,1378)	1:11:A:ILE:HG21	1:15:A:ALA:HB2	3	0.11
(13,1378)	1:11:A:ILE:HG21	1:15:A:ALA:HB3	3	0.11
(13,1378)	1:11:A:ILE:HG22	1:15:A:ALA:HB1	3	0.11
(13,1378)	1:11:A:ILE:HG22	1:15:A:ALA:HB2	3	0.11
(13,1378)	1:11:A:ILE:HG22	1:15:A:ALA:HB3	3	0.11
(13,1378)	1:11:A:ILE:HG23	1:15:A:ALA:HB1	3	0.11
(13,1378)	1:11:A:ILE:HG23	1:15:A:ALA:HB2	3	0.11
(13,1378)	1:11:A:ILE:HG23	1:15:A:ALA:HB3	3	0.11
(13,1347)	1:39:A:VAL:H	1:39:A:VAL:HG11	15	0.11
(13,1347)	1:39:A:VAL:H	1:39:A:VAL:HG12	15	0.11
(13,1347)	1:39:A:VAL:H	1:39:A:VAL:HG13	15	0.11
(13,1347)	1:39:A:VAL:H	1:39:A:VAL:HG11	16	0.11
(13,1347)	1:39:A:VAL:H	1:39:A:VAL:HG12	16	0.11
(13,1347)	1:39:A:VAL:H	1:39:A:VAL:HG13	16	0.11
(13,1331)	1:120:A:CYS:HA	1:121:A:VAL:HG11	14	0.11
(13,1331)	1:120:A:CYS:HA	1:121:A:VAL:HG12	14	0.11
(13,1331)	1:120:A:CYS:HA	1:121:A:VAL:HG13	14	0.11
(13,1265)	1:128:A:LEU:HD21	1:129:A:LYS:H	11	0.11
(13,1265)	1:128:A:LEU:HD22	1:129:A:LYS:H	11	0.11
(13,1265)	1:128:A:LEU:HD23	1:129:A:LYS:H	11	0.11
(13,1263)	1:66:A:THR:HG21	1:70:A:LYS:H	11	0.11
(13,1263)	1:66:A:THR:HG22	1:70:A:LYS:H	11	0.11
(13,1263)	1:66:A:THR:HG23	1:70:A:LYS:H	11	0.11
(13,1242)	1:114:A:ILE:HA	1:117:A:VAL:HG11	8	0.11
(13,1242)	1:114:A:ILE:HA	1:117:A:VAL:HG12	8	0.11
(13,1242)	1:114:A:ILE:HA	1:117:A:VAL:HG13	8	0.11
(13,1236)	1:39:A:VAL:H	1:39:A:VAL:HG21	18	0.11
(13,1236)	1:39:A:VAL:H	1:39:A:VAL:HG22	18	0.11
(13,1236)	1:39:A:VAL:H	1:39:A:VAL:HG23	18	0.11
(13,1227)	1:12:A:VAL:HG21	1:13:A:ALA:HB1	3	0.11
(13,1227)	1:12:A:VAL:HG21	1:13:A:ALA:HB2	3	0.11
(13,1227)	1:12:A:VAL:HG21	1:13:A:ALA:HB3	3	0.11
(13,1227)	1:12:A:VAL:HG22	1:13:A:ALA:HB1	3	0.11
(13,1227)	1:12:A:VAL:HG22	1:13:A:ALA:HB2	3	0.11
(13,1227)	1:12:A:VAL:HG22	1:13:A:ALA:HB3	3	0.11
(13,1227)	1:12:A:VAL:HG23	1:13:A:ALA:HB1	3	0.11
(13,1227)	1:12:A:VAL:HG23	1:13:A:ALA:HB2	3	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1227)	1:12:A:VAL:HG23	1:13:A:ALA:HB3	3	0.11
(13,1139)	1:101:A:ILE:HA	1:101:A:ILE:HD11	19	0.11
(13,1139)	1:101:A:ILE:HA	1:101:A:ILE:HD12	19	0.11
(13,1139)	1:101:A:ILE:HA	1:101:A:ILE:HD13	19	0.11
(13,1133)	1:37:A:LEU:HA	1:37:A:LEU:HD11	5	0.11
(13,1133)	1:37:A:LEU:HA	1:37:A:LEU:HD12	5	0.11
(13,1133)	1:37:A:LEU:HA	1:37:A:LEU:HD13	5	0.11
(13,1133)	1:37:A:LEU:HA	1:37:A:LEU:HD11	12	0.11
(13,1133)	1:37:A:LEU:HA	1:37:A:LEU:HD12	12	0.11
(13,1133)	1:37:A:LEU:HA	1:37:A:LEU:HD13	12	0.11
(13,1081)	1:42:A:GLU:HA	1:44:A:GLU:H	15	0.11
(13,1052)	1:54:A:ARG:HA	1:58:A:ILE:HG13	11	0.11
(13,1044)	1:13:A:ALA:HB1	1:79:A:THR:HA	17	0.11
(13,1044)	1:13:A:ALA:HB2	1:79:A:THR:HA	17	0.11
(13,1044)	1:13:A:ALA:HB3	1:79:A:THR:HA	17	0.11
(13,1040)	1:79:A:THR:HA	1:80:A:TYR:HD1	12	0.11
(13,1040)	1:79:A:THR:HA	1:80:A:TYR:HD2	12	0.11
(13,1003)	1:27:A:ARG:HB2	1:28:A:GLY:HA2	17	0.11
(13,1003)	1:27:A:ARG:HB2	1:28:A:GLY:HA3	17	0.11
(13,933)	1:40:A:LEU:HA	1:43:A:MET:HG3	15	0.11
(13,925)	1:67:A:PRO:HA	1:70:A:LYS:HB2	13	0.11
(13,925)	1:67:A:PRO:HA	1:70:A:LYS:HB3	13	0.11
(13,901)	1:125:A:THR:HB	1:128:A:LEU:HB2	12	0.11
(13,899)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	2	0.11
(13,899)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	2	0.11
(13,899)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	2	0.11
(13,899)	1:11:A:ILE:HG21	1:44:A:GLU:HG2	11	0.11
(13,899)	1:11:A:ILE:HG22	1:44:A:GLU:HG2	11	0.11
(13,899)	1:11:A:ILE:HG23	1:44:A:GLU:HG2	11	0.11
(13,892)	1:149:A:ALA:HB1	1:150:A:THR:HB	17	0.11
(13,892)	1:149:A:ALA:HB2	1:150:A:THR:HB	17	0.11
(13,892)	1:149:A:ALA:HB3	1:150:A:THR:HB	17	0.11
(13,883)	1:69:A:MET:HE1	1:73:A:ILE:HB	2	0.11
(13,883)	1:69:A:MET:HE2	1:73:A:ILE:HB	2	0.11
(13,883)	1:69:A:MET:HE3	1:73:A:ILE:HB	2	0.11
(13,881)	1:94:A:ALA:HA	1:95:A:ILE:HB	18	0.11
(13,834)	1:71:A:LYS:HE2	1:72:A:PHE:HE1	11	0.11
(13,834)	1:71:A:LYS:HE2	1:72:A:PHE:HE2	11	0.11
(13,834)	1:71:A:LYS:HE3	1:72:A:PHE:HE1	11	0.11
(13,834)	1:71:A:LYS:HE3	1:72:A:PHE:HE2	11	0.11
(13,813)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	10	0.11
(13,813)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	10	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,813)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	10	0.11
(13,813)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	10	0.11
(13,770)	1:50:A:ALA:HB1	1:130:A:GLY:HA2	9	0.11
(13,770)	1:50:A:ALA:HB2	1:130:A:GLY:HA2	9	0.11
(13,770)	1:50:A:ALA:HB3	1:130:A:GLY:HA2	9	0.11
(13,750)	1:41:A:LYS:HG2	1:42:A:GLU:H	19	0.11
(13,725)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	16	0.11
(13,682)	1:98:A:ILE:H	1:104:A:PHE:H	8	0.11
(13,682)	1:98:A:ILE:H	1:104:A:PHE:H	15	0.11
(13,635)	1:66:A:THR:H	1:69:A:MET:HA	14	0.11
(13,471)	1:103:A:ARG:H	1:103:A:ARG:HG2	4	0.11
(13,471)	1:103:A:ARG:H	1:103:A:ARG:HG3	4	0.11
(13,471)	1:103:A:ARG:H	1:103:A:ARG:HG2	7	0.11
(13,471)	1:103:A:ARG:H	1:103:A:ARG:HG3	7	0.11
(13,360)	1:69:A:MET:HE1	1:70:A:LYS:H	14	0.11
(13,360)	1:69:A:MET:HE2	1:70:A:LYS:H	14	0.11
(13,360)	1:69:A:MET:HE3	1:70:A:LYS:H	14	0.11
(13,343)	1:66:A:THR:H	1:96:A:VAL:HB	11	0.11
(13,316)	1:56:A:CYS:HA	1:122:A:ASP:H	11	0.11
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE1	10	0.11
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE2	10	0.11
(13,305)	1:65:A:CYS:H	1:69:A:MET:HE3	10	0.11
(13,237)	1:47:A:ALA:HB1	1:50:A:ALA:H	5	0.11
(13,237)	1:47:A:ALA:HB2	1:50:A:ALA:H	5	0.11
(13,237)	1:47:A:ALA:HB3	1:50:A:ALA:H	5	0.11
(13,234)	1:50:A:ALA:H	1:52:A:CYS:H	3	0.11
(13,186)	1:60:A:LEU:H	1:63:A:ILE:HD11	5	0.11
(13,186)	1:60:A:LEU:H	1:63:A:ILE:HD12	5	0.11
(13,186)	1:60:A:LEU:H	1:63:A:ILE:HD13	5	0.11
(13,65)	1:115:A:ALA:HB1	1:117:A:VAL:H	15	0.11
(13,65)	1:115:A:ALA:HB2	1:117:A:VAL:H	15	0.11
(13,65)	1:115:A:ALA:HB3	1:117:A:VAL:H	15	0.11
(13,10)	1:64:A:LYS:H	1:64:A:LYS:HE2	9	0.11
(13,10)	1:64:A:LYS:H	1:64:A:LYS:HE3	9	0.11
(11,2464)	1:151:A:PHE:H	1:151:A:PHE:HB2	5	0.11
(11,2464)	1:151:A:PHE:H	1:151:A:PHE:HB3	5	0.11
(11,2383)	1:119:A:LEU:HD11	1:121:A:VAL:H	13	0.11
(11,2383)	1:119:A:LEU:HD12	1:121:A:VAL:H	13	0.11
(11,2383)	1:119:A:LEU:HD13	1:121:A:VAL:H	13	0.11
(11,2383)	1:119:A:LEU:HD21	1:121:A:VAL:H	13	0.11
(11,2383)	1:119:A:LEU:HD22	1:121:A:VAL:H	13	0.11
(11,2383)	1:119:A:LEU:HD23	1:121:A:VAL:H	13	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2342)	1:107:A:LEU:HD11	1:111:A:GLU:H	3	0.11
(11,2342)	1:107:A:LEU:HD12	1:111:A:GLU:H	3	0.11
(11,2342)	1:107:A:LEU:HD13	1:111:A:GLU:H	3	0.11
(11,2342)	1:107:A:LEU:HD21	1:111:A:GLU:H	3	0.11
(11,2342)	1:107:A:LEU:HD22	1:111:A:GLU:H	3	0.11
(11,2342)	1:107:A:LEU:HD23	1:111:A:GLU:H	3	0.11
(11,2286)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	4	0.11
(11,2286)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	4	0.11
(11,2286)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	4	0.11
(11,2286)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	4	0.11
(11,2243)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	6	0.11
(11,2243)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	6	0.11
(11,2234)	1:65:A:CYS:HB2	1:69:A:MET:HG2	9	0.11
(11,2234)	1:65:A:CYS:HB2	1:69:A:MET:HG3	9	0.11
(11,2234)	1:65:A:CYS:HB3	1:69:A:MET:HG2	9	0.11
(11,2234)	1:65:A:CYS:HB3	1:69:A:MET:HG3	9	0.11
(11,2234)	1:65:A:CYS:HB2	1:69:A:MET:HG2	11	0.11
(11,2234)	1:65:A:CYS:HB2	1:69:A:MET:HG3	11	0.11
(11,2234)	1:65:A:CYS:HB3	1:69:A:MET:HG2	11	0.11
(11,2234)	1:65:A:CYS:HB3	1:69:A:MET:HG3	11	0.11
(11,2123)	1:39:A:VAL:HG11	1:43:A:MET:HB2	10	0.11
(11,2123)	1:39:A:VAL:HG12	1:43:A:MET:HB2	10	0.11
(11,2123)	1:39:A:VAL:HG13	1:43:A:MET:HB2	10	0.11
(11,2123)	1:39:A:VAL:HG21	1:43:A:MET:HB2	10	0.11
(11,2123)	1:39:A:VAL:HG22	1:43:A:MET:HB2	10	0.11
(11,2123)	1:39:A:VAL:HG23	1:43:A:MET:HB2	10	0.11
(11,2099)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	6	0.11
(11,2099)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	6	0.11
(11,2099)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	6	0.11
(11,2099)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	6	0.11
(11,2099)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	6	0.11
(11,2099)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	6	0.11
(11,2085)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	9	0.11
(11,2085)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	9	0.11
(11,2085)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	9	0.11
(11,2085)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	9	0.11
(11,2085)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	9	0.11
(11,2085)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	9	0.11
(11,2085)	1:35:A:LEU:HD11	1:36:A:PRO:HB2	14	0.11
(11,2085)	1:35:A:LEU:HD12	1:36:A:PRO:HB2	14	0.11
(11,2085)	1:35:A:LEU:HD13	1:36:A:PRO:HB2	14	0.11
(11,2085)	1:35:A:LEU:HD21	1:36:A:PRO:HB2	14	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2085)	1:35:A:LEU:HD22	1:36:A:PRO:HB2	14	0.11
(11,2085)	1:35:A:LEU:HD23	1:36:A:PRO:HB2	14	0.11
(11,2072)	1:32:A:GLY:HA2	1:33:A:LYS:H	8	0.11
(11,2072)	1:32:A:GLY:HA3	1:33:A:LYS:H	8	0.11
(11,2072)	1:32:A:GLY:HA2	1:33:A:LYS:H	19	0.11
(11,2072)	1:32:A:GLY:HA3	1:33:A:LYS:H	19	0.11
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD11	9	0.11
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD12	9	0.11
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD13	9	0.11
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD21	9	0.11
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD22	9	0.11
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD23	9	0.11
(11,1982)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	3	0.11
(11,1982)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	3	0.11
(11,1982)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	3	0.11
(11,1982)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	3	0.11
(11,1982)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	3	0.11
(11,1982)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	3	0.11
(11,1982)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	3	0.11
(11,1982)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	3	0.11
(11,1982)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	3	0.11
(11,1982)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	3	0.11
(11,1982)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	3	0.11
(11,1982)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	3	0.11
(11,1982)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	3	0.11
(11,1982)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	3	0.11
(11,1982)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	3	0.11
(11,1982)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	3	0.11
(11,1982)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	3	0.11
(11,1982)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	3	0.11
(11,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD11	6	0.11
(11,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD12	6	0.11
(11,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD13	6	0.11
(11,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD21	6	0.11
(11,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD22	6	0.11
(11,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD23	6	0.11
(11,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD11	6	0.11
(11,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD12	6	0.11
(11,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD13	6	0.11
(11,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD21	6	0.11
(11,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD22	6	0.11
(11,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD23	6	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1942)	1:14:A:VAL:HB	1:18:A:PHE:HZ	17	0.11
(11,1939)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	10	0.11
(11,1939)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	10	0.11
(11,1939)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	10	0.11
(11,1931)	1:35:A:LEU:HG	1:80:A:TYR:HE1	14	0.11
(11,1931)	1:35:A:LEU:HG	1:80:A:TYR:HE2	14	0.11
(11,1920)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	16	0.11
(11,1920)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	16	0.11
(11,1920)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	16	0.11
(11,1920)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	16	0.11
(11,1865)	1:61:A:SER:H	1:62:A:HIS:HD2	7	0.11
(11,1835)	1:104:A:PHE:HE1	1:105:A:LYS:HA	11	0.11
(11,1835)	1:104:A:PHE:HE2	1:105:A:LYS:HA	11	0.11
(11,1807)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	16	0.11
(11,1807)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	16	0.11
(11,1804)	1:63:A:ILE:HG21	1:116:A:GLN:HG2	11	0.11
(11,1804)	1:63:A:ILE:HG22	1:116:A:GLN:HG2	11	0.11
(11,1804)	1:63:A:ILE:HG23	1:116:A:GLN:HG2	11	0.11
(11,1740)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	2	0.11
(11,1739)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	18	0.11
(11,1739)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	18	0.11
(11,1725)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.11
(11,1725)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.11
(11,1725)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.11
(11,1704)	1:107:A:LEU:H	1:111:A:GLU:HB2	5	0.11
(11,1704)	1:107:A:LEU:H	1:111:A:GLU:HB3	5	0.11
(11,1693)	1:69:A:MET:H	1:69:A:MET:HE1	14	0.11
(11,1693)	1:69:A:MET:H	1:69:A:MET:HE2	14	0.11
(11,1693)	1:69:A:MET:H	1:69:A:MET:HE3	14	0.11
(11,1690)	1:69:A:MET:HA	1:69:A:MET:HE1	2	0.11
(11,1690)	1:69:A:MET:HA	1:69:A:MET:HE2	2	0.11
(11,1690)	1:69:A:MET:HA	1:69:A:MET:HE3	2	0.11
(11,1686)	1:46:A:ASN:HD22	1:134:A:VAL:HG21	3	0.11
(11,1686)	1:46:A:ASN:HD22	1:134:A:VAL:HG22	3	0.11
(11,1686)	1:46:A:ASN:HD22	1:134:A:VAL:HG23	3	0.11
(11,1681)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	10	0.11
(11,1681)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	10	0.11
(11,1681)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	10	0.11
(11,1661)	1:79:A:THR:H	1:80:A:TYR:HA	2	0.11
(11,1585)	1:115:A:ALA:HB1	1:117:A:VAL:HG21	9	0.11
(11,1585)	1:115:A:ALA:HB1	1:117:A:VAL:HG22	9	0.11
(11,1585)	1:115:A:ALA:HB1	1:117:A:VAL:HG23	9	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1585)	1:115:A:ALA:HB2	1:117:A:VAL:HG21	9	0.11
(11,1585)	1:115:A:ALA:HB2	1:117:A:VAL:HG22	9	0.11
(11,1585)	1:115:A:ALA:HB2	1:117:A:VAL:HG23	9	0.11
(11,1585)	1:115:A:ALA:HB3	1:117:A:VAL:HG21	9	0.11
(11,1585)	1:115:A:ALA:HB3	1:117:A:VAL:HG22	9	0.11
(11,1585)	1:115:A:ALA:HB3	1:117:A:VAL:HG23	9	0.11
(11,1546)	1:110:A:MET:HE1	1:113:A:PHE:HA	13	0.11
(11,1546)	1:110:A:MET:HE2	1:113:A:PHE:HA	13	0.11
(11,1546)	1:110:A:MET:HE3	1:113:A:PHE:HA	13	0.11
(11,1536)	1:69:A:MET:HE1	1:110:A:MET:H	11	0.11
(11,1536)	1:69:A:MET:HE2	1:110:A:MET:H	11	0.11
(11,1536)	1:69:A:MET:HE3	1:110:A:MET:H	11	0.11
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	1	0.11
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	1	0.11
(11,1495)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	1	0.11
(11,1479)	1:13:A:ALA:HB1	1:79:A:THR:HB	15	0.11
(11,1479)	1:13:A:ALA:HB2	1:79:A:THR:HB	15	0.11
(11,1479)	1:13:A:ALA:HB3	1:79:A:THR:HB	15	0.11
(11,1465)	1:50:A:ALA:HB1	1:130:A:GLY:H	5	0.11
(11,1465)	1:50:A:ALA:HB2	1:130:A:GLY:H	5	0.11
(11,1465)	1:50:A:ALA:HB3	1:130:A:GLY:H	5	0.11
(11,1424)	1:129:A:LYS:HA	1:132:A:ALA:HB1	2	0.11
(11,1424)	1:129:A:LYS:HA	1:132:A:ALA:HB2	2	0.11
(11,1424)	1:129:A:LYS:HA	1:132:A:ALA:HB3	2	0.11
(11,1372)	1:114:A:ILE:HA	1:117:A:VAL:HG11	8	0.11
(11,1372)	1:114:A:ILE:HA	1:117:A:VAL:HG12	8	0.11
(11,1372)	1:114:A:ILE:HA	1:117:A:VAL:HG13	8	0.11
(11,1353)	1:8:A:ASP:HA	1:8:A:ASP:HB3	1	0.11
(11,1306)	1:66:A:THR:HG21	1:70:A:LYS:H	11	0.11
(11,1306)	1:66:A:THR:HG22	1:70:A:LYS:H	11	0.11
(11,1306)	1:66:A:THR:HG23	1:70:A:LYS:H	11	0.11
(11,1304)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	16	0.11
(11,1304)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	16	0.11
(11,1304)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	16	0.11
(11,1203)	1:23:A:LEU:HA	1:23:A:LEU:HD21	2	0.11
(11,1203)	1:23:A:LEU:HA	1:23:A:LEU:HD22	2	0.11
(11,1203)	1:23:A:LEU:HA	1:23:A:LEU:HD23	2	0.11
(11,1203)	1:23:A:LEU:HA	1:23:A:LEU:HD21	13	0.11
(11,1203)	1:23:A:LEU:HA	1:23:A:LEU:HD22	13	0.11
(11,1203)	1:23:A:LEU:HA	1:23:A:LEU:HD23	13	0.11
(11,1187)	1:140:A:LEU:HA	1:140:A:LEU:HG	1	0.11
(11,1187)	1:140:A:LEU:HA	1:140:A:LEU:HG	2	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1187)	1:140:A:LEU:HA	1:140:A:LEU:HG	3	0.11
(11,1187)	1:140:A:LEU:HA	1:140:A:LEU:HG	6	0.11
(11,1187)	1:140:A:LEU:HA	1:140:A:LEU:HG	9	0.11
(11,1187)	1:140:A:LEU:HA	1:140:A:LEU:HG	11	0.11
(11,1187)	1:140:A:LEU:HA	1:140:A:LEU:HG	16	0.11
(11,1187)	1:140:A:LEU:HA	1:140:A:LEU:HG	19	0.11
(11,1173)	1:101:A:ILE:HA	1:101:A:ILE:HD11	19	0.11
(11,1173)	1:101:A:ILE:HA	1:101:A:ILE:HD12	19	0.11
(11,1173)	1:101:A:ILE:HA	1:101:A:ILE:HD13	19	0.11
(11,1159)	1:80:A:TYR:HA	1:80:A:TYR:HE1	18	0.11
(11,1159)	1:80:A:TYR:HA	1:80:A:TYR:HE2	18	0.11
(11,1157)	1:80:A:TYR:HA	1:80:A:TYR:HD1	7	0.11
(11,1157)	1:80:A:TYR:HA	1:80:A:TYR:HD2	7	0.11
(11,1157)	1:80:A:TYR:HA	1:80:A:TYR:HD1	11	0.11
(11,1157)	1:80:A:TYR:HA	1:80:A:TYR:HD2	11	0.11
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD11	4	0.11
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD12	4	0.11
(11,1138)	1:57:A:LEU:HG	1:60:A:LEU:HD13	4	0.11
(11,1066)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	1	0.11
(11,1066)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	1	0.11
(11,1066)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	2	0.11
(11,1066)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	2	0.11
(11,1054)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	2	0.11
(11,1054)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	2	0.11
(11,1054)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	2	0.11
(11,1054)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	2	0.11
(11,1054)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	2	0.11
(11,1054)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	2	0.11
(11,1031)	1:27:A:ARG:HB2	1:28:A:GLY:HA2	13	0.11
(11,1031)	1:27:A:ARG:HB2	1:28:A:GLY:HA3	13	0.11
(11,1001)	1:35:A:LEU:HG	1:143:A:TRP:HB3	7	0.11
(11,999)	1:63:A:ILE:HA	1:64:A:LYS:HD2	1	0.11
(11,999)	1:63:A:ILE:HA	1:64:A:LYS:HD3	1	0.11
(11,949)	1:67:A:PRO:HA	1:70:A:LYS:HB2	13	0.11
(11,949)	1:67:A:PRO:HA	1:70:A:LYS:HB3	13	0.11
(11,939)	1:117:A:VAL:HA	1:118:A:ASP:HA	6	0.11
(11,909)	1:149:A:ALA:HB1	1:150:A:THR:HB	17	0.11
(11,909)	1:149:A:ALA:HB2	1:150:A:THR:HB	17	0.11
(11,909)	1:149:A:ALA:HB3	1:150:A:THR:HB	17	0.11
(11,873)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	16	0.11
(11,873)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	16	0.11
(11,873)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	16	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,862)	1:60:A:LEU:HB2	1:63:A:ILE:H	8	0.11
(11,849)	1:71:A:LYS:HE2	1:72:A:PHE:HE1	11	0.11
(11,849)	1:71:A:LYS:HE2	1:72:A:PHE:HE2	11	0.11
(11,849)	1:71:A:LYS:HE3	1:72:A:PHE:HE1	11	0.11
(11,849)	1:71:A:LYS:HE3	1:72:A:PHE:HE2	11	0.11
(11,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	10	0.11
(11,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	10	0.11
(11,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	10	0.11
(11,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	10	0.11
(11,783)	1:50:A:ALA:HB1	1:130:A:GLY:HA2	9	0.11
(11,783)	1:50:A:ALA:HB2	1:130:A:GLY:HA2	9	0.11
(11,783)	1:50:A:ALA:HB3	1:130:A:GLY:HA2	9	0.11
(11,763)	1:41:A:LYS:HG2	1:42:A:GLU:H	19	0.11
(11,698)	1:98:A:ILE:H	1:104:A:PHE:H	8	0.11
(11,698)	1:98:A:ILE:H	1:104:A:PHE:H	15	0.11
(11,643)	1:66:A:THR:H	1:69:A:MET:HA	14	0.11
(11,597)	1:55:A:GLY:H	1:57:A:LEU:H	6	0.11
(11,583)	1:128:A:LEU:HD11	1:130:A:GLY:H	7	0.11
(11,583)	1:128:A:LEU:HD12	1:130:A:GLY:H	7	0.11
(11,583)	1:128:A:LEU:HD13	1:130:A:GLY:H	7	0.11
(11,562)	1:133:A:ASN:HB2	1:133:A:ASN:HD22	7	0.11
(11,470)	1:14:A:VAL:H	1:14:A:VAL:HG11	7	0.11
(11,470)	1:14:A:VAL:H	1:14:A:VAL:HG12	7	0.11
(11,470)	1:14:A:VAL:H	1:14:A:VAL:HG13	7	0.11
(11,470)	1:14:A:VAL:H	1:14:A:VAL:HG11	10	0.11
(11,470)	1:14:A:VAL:H	1:14:A:VAL:HG12	10	0.11
(11,470)	1:14:A:VAL:H	1:14:A:VAL:HG13	10	0.11
(11,470)	1:14:A:VAL:H	1:14:A:VAL:HG11	11	0.11
(11,470)	1:14:A:VAL:H	1:14:A:VAL:HG12	11	0.11
(11,470)	1:14:A:VAL:H	1:14:A:VAL:HG13	11	0.11
(11,470)	1:14:A:VAL:H	1:14:A:VAL:HG11	13	0.11
(11,470)	1:14:A:VAL:H	1:14:A:VAL:HG12	13	0.11
(11,470)	1:14:A:VAL:H	1:14:A:VAL:HG13	13	0.11
(11,470)	1:14:A:VAL:H	1:14:A:VAL:HG11	15	0.11
(11,470)	1:14:A:VAL:H	1:14:A:VAL:HG12	15	0.11
(11,470)	1:14:A:VAL:H	1:14:A:VAL:HG13	15	0.11
(11,470)	1:14:A:VAL:H	1:14:A:VAL:HG11	16	0.11
(11,470)	1:14:A:VAL:H	1:14:A:VAL:HG12	16	0.11
(11,470)	1:14:A:VAL:H	1:14:A:VAL:HG13	16	0.11
(11,470)	1:14:A:VAL:H	1:14:A:VAL:HG11	17	0.11
(11,470)	1:14:A:VAL:H	1:14:A:VAL:HG12	17	0.11
(11,470)	1:14:A:VAL:H	1:14:A:VAL:HG13	17	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,470)	1:14:A:VAL:H	1:14:A:VAL:HG11	18	0.11
(11,470)	1:14:A:VAL:H	1:14:A:VAL:HG12	18	0.11
(11,470)	1:14:A:VAL:H	1:14:A:VAL:HG13	18	0.11
(11,396)	1:119:A:LEU:H	1:120:A:CYS:HB2	6	0.11
(11,338)	1:57:A:LEU:H	1:58:A:ILE:HB	3	0.11
(11,291)	1:50:A:ALA:HB1	1:52:A:CYS:H	9	0.11
(11,291)	1:50:A:ALA:HB2	1:52:A:CYS:H	9	0.11
(11,291)	1:50:A:ALA:HB3	1:52:A:CYS:H	9	0.11
(11,248)	1:58:A:ILE:H	1:58:A:ILE:HD11	7	0.11
(11,248)	1:58:A:ILE:H	1:58:A:ILE:HD12	7	0.11
(11,248)	1:58:A:ILE:H	1:58:A:ILE:HD13	7	0.11
(11,237)	1:47:A:ALA:HB1	1:50:A:ALA:H	5	0.11
(11,237)	1:47:A:ALA:HB2	1:50:A:ALA:H	5	0.11
(11,237)	1:47:A:ALA:HB3	1:50:A:ALA:H	5	0.11
(11,233)	1:50:A:ALA:H	1:52:A:CYS:H	9	0.11
(11,178)	1:93:A:GLU:H	1:93:A:GLU:HG2	13	0.11
(11,178)	1:93:A:GLU:H	1:93:A:GLU:HG3	13	0.11
(11,178)	1:93:A:GLU:H	1:93:A:GLU:HG2	15	0.11
(11,178)	1:93:A:GLU:H	1:93:A:GLU:HG3	15	0.11
(11,89)	1:151:A:PHE:H	1:151:A:PHE:HD1	8	0.11
(11,89)	1:151:A:PHE:H	1:151:A:PHE:HD2	8	0.11
(11,72)	1:13:A:ALA:HB1	1:81:A:GLU:H	12	0.11
(11,72)	1:13:A:ALA:HB2	1:81:A:GLU:H	12	0.11
(11,72)	1:13:A:ALA:HB3	1:81:A:GLU:H	12	0.11
(11,37)	1:96:A:VAL:H	1:96:A:VAL:HB	5	0.11
(11,37)	1:96:A:VAL:H	1:96:A:VAL:HB	16	0.11
(11,17)	1:64:A:LYS:H	1:64:A:LYS:HD2	11	0.11
(11,17)	1:64:A:LYS:H	1:64:A:LYS:HD3	11	0.11
(9,2391)	1:139:A:LEU:H	1:139:A:LEU:HD11	12	0.11
(9,2391)	1:139:A:LEU:H	1:139:A:LEU:HD12	12	0.11
(9,2391)	1:139:A:LEU:H	1:139:A:LEU:HD13	12	0.11
(9,2391)	1:139:A:LEU:H	1:139:A:LEU:HD21	12	0.11
(9,2391)	1:139:A:LEU:H	1:139:A:LEU:HD22	12	0.11
(9,2391)	1:139:A:LEU:H	1:139:A:LEU:HD23	12	0.11
(9,2322)	1:119:A:LEU:HD11	1:121:A:VAL:H	13	0.11
(9,2322)	1:119:A:LEU:HD12	1:121:A:VAL:H	13	0.11
(9,2322)	1:119:A:LEU:HD13	1:121:A:VAL:H	13	0.11
(9,2322)	1:119:A:LEU:HD21	1:121:A:VAL:H	13	0.11
(9,2322)	1:119:A:LEU:HD22	1:121:A:VAL:H	13	0.11
(9,2322)	1:119:A:LEU:HD23	1:121:A:VAL:H	13	0.11
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	7	0.11
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	7	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	7	0.11
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	7	0.11
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	7	0.11
(9,2309)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	7	0.11
(9,2305)	1:116:A:GLN:H	1:117:A:VAL:HG11	9	0.11
(9,2305)	1:116:A:GLN:H	1:117:A:VAL:HG12	9	0.11
(9,2305)	1:116:A:GLN:H	1:117:A:VAL:HG13	9	0.11
(9,2305)	1:116:A:GLN:H	1:117:A:VAL:HG21	9	0.11
(9,2305)	1:116:A:GLN:H	1:117:A:VAL:HG22	9	0.11
(9,2305)	1:116:A:GLN:H	1:117:A:VAL:HG23	9	0.11
(9,2273)	1:107:A:LEU:HD11	1:112:A:GLN:HA	3	0.11
(9,2273)	1:107:A:LEU:HD12	1:112:A:GLN:HA	3	0.11
(9,2273)	1:107:A:LEU:HD13	1:112:A:GLN:HA	3	0.11
(9,2273)	1:107:A:LEU:HD21	1:112:A:GLN:HA	3	0.11
(9,2273)	1:107:A:LEU:HD22	1:112:A:GLN:HA	3	0.11
(9,2273)	1:107:A:LEU:HD23	1:112:A:GLN:HA	3	0.11
(9,2270)	1:107:A:LEU:HD11	1:111:A:GLU:H	3	0.11
(9,2270)	1:107:A:LEU:HD12	1:111:A:GLU:H	3	0.11
(9,2270)	1:107:A:LEU:HD13	1:111:A:GLU:H	3	0.11
(9,2270)	1:107:A:LEU:HD21	1:111:A:GLU:H	3	0.11
(9,2270)	1:107:A:LEU:HD22	1:111:A:GLU:H	3	0.11
(9,2270)	1:107:A:LEU:HD23	1:111:A:GLU:H	3	0.11
(9,2258)	1:104:A:PHE:HB3	1:107:A:LEU:HD11	13	0.11
(9,2258)	1:104:A:PHE:HB3	1:107:A:LEU:HD12	13	0.11
(9,2258)	1:104:A:PHE:HB3	1:107:A:LEU:HD13	13	0.11
(9,2258)	1:104:A:PHE:HB3	1:107:A:LEU:HD21	13	0.11
(9,2258)	1:104:A:PHE:HB3	1:107:A:LEU:HD22	13	0.11
(9,2258)	1:104:A:PHE:HB3	1:107:A:LEU:HD23	13	0.11
(9,2242)	1:96:A:VAL:HG11	1:116:A:GLN:HE21	15	0.11
(9,2242)	1:96:A:VAL:HG11	1:116:A:GLN:HE22	15	0.11
(9,2242)	1:96:A:VAL:HG12	1:116:A:GLN:HE21	15	0.11
(9,2242)	1:96:A:VAL:HG12	1:116:A:GLN:HE22	15	0.11
(9,2242)	1:96:A:VAL:HG13	1:116:A:GLN:HE21	15	0.11
(9,2242)	1:96:A:VAL:HG13	1:116:A:GLN:HE22	15	0.11
(9,2242)	1:96:A:VAL:HG21	1:116:A:GLN:HE21	15	0.11
(9,2242)	1:96:A:VAL:HG21	1:116:A:GLN:HE22	15	0.11
(9,2242)	1:96:A:VAL:HG22	1:116:A:GLN:HE21	15	0.11
(9,2242)	1:96:A:VAL:HG22	1:116:A:GLN:HE22	15	0.11
(9,2242)	1:96:A:VAL:HG23	1:116:A:GLN:HE21	15	0.11
(9,2242)	1:96:A:VAL:HG23	1:116:A:GLN:HE22	15	0.11
(9,2183)	1:65:A:CYS:HB2	1:69:A:MET:HG2	9	0.11
(9,2183)	1:65:A:CYS:HB2	1:69:A:MET:HG3	9	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2183)	1:65:A:CYS:HB3	1:69:A:MET:HG2	9	0.11
(9,2183)	1:65:A:CYS:HB3	1:69:A:MET:HG3	9	0.11
(9,2183)	1:65:A:CYS:HB2	1:69:A:MET:HG2	11	0.11
(9,2183)	1:65:A:CYS:HB2	1:69:A:MET:HG3	11	0.11
(9,2183)	1:65:A:CYS:HB3	1:69:A:MET:HG2	11	0.11
(9,2183)	1:65:A:CYS:HB3	1:69:A:MET:HG3	11	0.11
(9,2135)	1:47:A:ALA:HB1	1:131:A:LEU:HD11	11	0.11
(9,2135)	1:47:A:ALA:HB1	1:131:A:LEU:HD12	11	0.11
(9,2135)	1:47:A:ALA:HB1	1:131:A:LEU:HD13	11	0.11
(9,2135)	1:47:A:ALA:HB1	1:131:A:LEU:HD21	11	0.11
(9,2135)	1:47:A:ALA:HB1	1:131:A:LEU:HD22	11	0.11
(9,2135)	1:47:A:ALA:HB1	1:131:A:LEU:HD23	11	0.11
(9,2135)	1:47:A:ALA:HB2	1:131:A:LEU:HD11	11	0.11
(9,2135)	1:47:A:ALA:HB2	1:131:A:LEU:HD12	11	0.11
(9,2135)	1:47:A:ALA:HB2	1:131:A:LEU:HD13	11	0.11
(9,2135)	1:47:A:ALA:HB2	1:131:A:LEU:HD21	11	0.11
(9,2135)	1:47:A:ALA:HB2	1:131:A:LEU:HD22	11	0.11
(9,2135)	1:47:A:ALA:HB2	1:131:A:LEU:HD23	11	0.11
(9,2135)	1:47:A:ALA:HB3	1:131:A:LEU:HD11	11	0.11
(9,2135)	1:47:A:ALA:HB3	1:131:A:LEU:HD12	11	0.11
(9,2135)	1:47:A:ALA:HB3	1:131:A:LEU:HD13	11	0.11
(9,2135)	1:47:A:ALA:HB3	1:131:A:LEU:HD21	11	0.11
(9,2135)	1:47:A:ALA:HB3	1:131:A:LEU:HD22	11	0.11
(9,2135)	1:47:A:ALA:HB3	1:131:A:LEU:HD23	11	0.11
(9,2100)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	19	0.11
(9,2100)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	19	0.11
(9,2100)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	19	0.11
(9,2100)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	19	0.11
(9,2100)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	19	0.11
(9,2100)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	19	0.11
(9,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD11	4	0.11
(9,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD12	4	0.11
(9,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD13	4	0.11
(9,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD21	4	0.11
(9,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD22	4	0.11
(9,2078)	1:38:A:GLU:HA	1:139:A:LEU:HD23	4	0.11
(9,2066)	1:36:A:PRO:HB3	1:39:A:VAL:HG11	16	0.11
(9,2066)	1:36:A:PRO:HB3	1:39:A:VAL:HG12	16	0.11
(9,2066)	1:36:A:PRO:HB3	1:39:A:VAL:HG13	16	0.11
(9,2066)	1:36:A:PRO:HB3	1:39:A:VAL:HG21	16	0.11
(9,2066)	1:36:A:PRO:HB3	1:39:A:VAL:HG22	16	0.11
(9,2066)	1:36:A:PRO:HB3	1:39:A:VAL:HG23	16	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2021)	1:23:A:LEU:HD11	1:27:A:ARG:HD2	3	0.11
(9,2021)	1:23:A:LEU:HD11	1:27:A:ARG:HD3	3	0.11
(9,2021)	1:23:A:LEU:HD12	1:27:A:ARG:HD2	3	0.11
(9,2021)	1:23:A:LEU:HD12	1:27:A:ARG:HD3	3	0.11
(9,2021)	1:23:A:LEU:HD13	1:27:A:ARG:HD2	3	0.11
(9,2021)	1:23:A:LEU:HD13	1:27:A:ARG:HD3	3	0.11
(9,2021)	1:23:A:LEU:HD21	1:27:A:ARG:HD2	3	0.11
(9,2021)	1:23:A:LEU:HD21	1:27:A:ARG:HD3	3	0.11
(9,2021)	1:23:A:LEU:HD22	1:27:A:ARG:HD2	3	0.11
(9,2021)	1:23:A:LEU:HD22	1:27:A:ARG:HD3	3	0.11
(9,2021)	1:23:A:LEU:HD23	1:27:A:ARG:HD2	3	0.11
(9,2021)	1:23:A:LEU:HD23	1:27:A:ARG:HD3	3	0.11
(9,2017)	1:23:A:LEU:H	1:23:A:LEU:HD11	10	0.11
(9,2017)	1:23:A:LEU:H	1:23:A:LEU:HD12	10	0.11
(9,2017)	1:23:A:LEU:H	1:23:A:LEU:HD13	10	0.11
(9,2017)	1:23:A:LEU:H	1:23:A:LEU:HD21	10	0.11
(9,2017)	1:23:A:LEU:H	1:23:A:LEU:HD22	10	0.11
(9,2017)	1:23:A:LEU:H	1:23:A:LEU:HD23	10	0.11
(9,2016)	1:22:A:ASP:H	1:23:A:LEU:HD11	10	0.11
(9,2016)	1:22:A:ASP:H	1:23:A:LEU:HD12	10	0.11
(9,2016)	1:22:A:ASP:H	1:23:A:LEU:HD13	10	0.11
(9,2016)	1:22:A:ASP:H	1:23:A:LEU:HD21	10	0.11
(9,2016)	1:22:A:ASP:H	1:23:A:LEU:HD22	10	0.11
(9,2016)	1:22:A:ASP:H	1:23:A:LEU:HD23	10	0.11
(9,1976)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	11	0.11
(9,1976)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	11	0.11
(9,1976)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	11	0.11
(9,1976)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	11	0.11
(9,1976)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	11	0.11
(9,1976)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	11	0.11
(9,1976)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	11	0.11
(9,1976)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	11	0.11
(9,1976)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	11	0.11
(9,1976)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	11	0.11
(9,1976)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	11	0.11
(9,1976)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	11	0.11
(9,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD11	3	0.11
(9,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD12	3	0.11
(9,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD13	3	0.11
(9,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	3	0.11
(9,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	3	0.11
(9,1951)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	3	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD11	3	0.11
(9,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD12	3	0.11
(9,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD13	3	0.11
(9,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	3	0.11
(9,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	3	0.11
(9,1951)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	3	0.11
(9,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD11	3	0.11
(9,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD12	3	0.11
(9,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD13	3	0.11
(9,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	3	0.11
(9,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	3	0.11
(9,1951)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	3	0.11
(9,1923)	1:9:A:PHE:HD1	1:57:A:LEU:HD11	6	0.11
(9,1923)	1:9:A:PHE:HD1	1:57:A:LEU:HD12	6	0.11
(9,1923)	1:9:A:PHE:HD1	1:57:A:LEU:HD13	6	0.11
(9,1923)	1:9:A:PHE:HD1	1:57:A:LEU:HD21	6	0.11
(9,1923)	1:9:A:PHE:HD1	1:57:A:LEU:HD22	6	0.11
(9,1923)	1:9:A:PHE:HD1	1:57:A:LEU:HD23	6	0.11
(9,1923)	1:9:A:PHE:HD2	1:57:A:LEU:HD11	6	0.11
(9,1923)	1:9:A:PHE:HD2	1:57:A:LEU:HD12	6	0.11
(9,1923)	1:9:A:PHE:HD2	1:57:A:LEU:HD13	6	0.11
(9,1923)	1:9:A:PHE:HD2	1:57:A:LEU:HD21	6	0.11
(9,1923)	1:9:A:PHE:HD2	1:57:A:LEU:HD22	6	0.11
(9,1923)	1:9:A:PHE:HD2	1:57:A:LEU:HD23	6	0.11
(9,1901)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	7	0.11
(9,1901)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	7	0.11
(9,1899)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	16	0.11
(9,1899)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	16	0.11
(9,1899)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	16	0.11
(9,1899)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	16	0.11
(9,1884)	1:104:A:PHE:HE1	1:113:A:PHE:HA	8	0.11
(9,1884)	1:104:A:PHE:HE2	1:113:A:PHE:HA	8	0.11
(9,1857)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	5	0.11
(9,1857)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	5	0.11
(9,1798)	1:104:A:PHE:HE1	1:105:A:LYS:HA	11	0.11
(9,1798)	1:104:A:PHE:HE2	1:105:A:LYS:HA	11	0.11
(9,1766)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	16	0.11
(9,1766)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	16	0.11
(9,1683)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.11
(9,1683)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.11
(9,1683)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.11
(9,1661)	1:107:A:LEU:H	1:111:A:GLU:HB2	5	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1661)	1:107:A:LEU:H	1:111:A:GLU:HB3	5	0.11
(9,1618)	1:79:A:THR:H	1:80:A:TYR:HA	2	0.11
(9,1592)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	12	0.11
(9,1592)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	12	0.11
(9,1592)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	12	0.11
(9,1591)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	11	0.11
(9,1591)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	11	0.11
(9,1591)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	11	0.11
(9,1574)	1:63:A:ILE:HD11	1:116:A:GLN:HG2	19	0.11
(9,1574)	1:63:A:ILE:HD12	1:116:A:GLN:HG2	19	0.11
(9,1574)	1:63:A:ILE:HD13	1:116:A:GLN:HG2	19	0.11
(9,1560)	1:11:A:ILE:HD11	1:45:A:ALA:H	2	0.11
(9,1560)	1:11:A:ILE:HD12	1:45:A:ALA:H	2	0.11
(9,1560)	1:11:A:ILE:HD13	1:45:A:ALA:H	2	0.11
(9,1549)	1:38:A:GLU:HB2	1:139:A:LEU:HD11	1	0.11
(9,1549)	1:38:A:GLU:HB2	1:139:A:LEU:HD12	1	0.11
(9,1549)	1:38:A:GLU:HB2	1:139:A:LEU:HD13	1	0.11
(9,1547)	1:139:A:LEU:H	1:139:A:LEU:HD11	17	0.11
(9,1547)	1:139:A:LEU:H	1:139:A:LEU:HD12	17	0.11
(9,1547)	1:139:A:LEU:H	1:139:A:LEU:HD13	17	0.11
(9,1529)	1:69:A:MET:HE1	1:76:A:ARG:HG2	7	0.11
(9,1529)	1:69:A:MET:HE1	1:76:A:ARG:HG3	7	0.11
(9,1529)	1:69:A:MET:HE2	1:76:A:ARG:HG2	7	0.11
(9,1529)	1:69:A:MET:HE2	1:76:A:ARG:HG3	7	0.11
(9,1529)	1:69:A:MET:HE3	1:76:A:ARG:HG2	7	0.11
(9,1529)	1:69:A:MET:HE3	1:76:A:ARG:HG3	7	0.11
(9,1511)	1:69:A:MET:HE1	1:110:A:MET:H	11	0.11
(9,1511)	1:69:A:MET:HE2	1:110:A:MET:H	11	0.11
(9,1511)	1:69:A:MET:HE3	1:110:A:MET:H	11	0.11
(9,1510)	1:11:A:ILE:HG21	1:43:A:MET:HE1	12	0.11
(9,1510)	1:11:A:ILE:HG21	1:43:A:MET:HE2	12	0.11
(9,1510)	1:11:A:ILE:HG21	1:43:A:MET:HE3	12	0.11
(9,1510)	1:11:A:ILE:HG22	1:43:A:MET:HE1	12	0.11
(9,1510)	1:11:A:ILE:HG22	1:43:A:MET:HE2	12	0.11
(9,1510)	1:11:A:ILE:HG22	1:43:A:MET:HE3	12	0.11
(9,1510)	1:11:A:ILE:HG23	1:43:A:MET:HE1	12	0.11
(9,1510)	1:11:A:ILE:HG23	1:43:A:MET:HE2	12	0.11
(9,1510)	1:11:A:ILE:HG23	1:43:A:MET:HE3	12	0.11
(9,1474)	1:101:A:ILE:HG21	1:116:A:GLN:H	2	0.11
(9,1474)	1:101:A:ILE:HG22	1:116:A:GLN:H	2	0.11
(9,1474)	1:101:A:ILE:HG23	1:116:A:GLN:H	2	0.11
(9,1474)	1:101:A:ILE:HG21	1:116:A:GLN:H	18	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1474)	1:101:A:ILE:HG22	1:116:A:GLN:H	18	0.11
(9,1474)	1:101:A:ILE:HG23	1:116:A:GLN:H	18	0.11
(9,1469)	1:101:A:ILE:HG21	1:115:A:ALA:H	5	0.11
(9,1469)	1:101:A:ILE:HG22	1:115:A:ALA:H	5	0.11
(9,1469)	1:101:A:ILE:HG23	1:115:A:ALA:H	5	0.11
(9,1469)	1:101:A:ILE:HG21	1:115:A:ALA:H	11	0.11
(9,1469)	1:101:A:ILE:HG22	1:115:A:ALA:H	11	0.11
(9,1469)	1:101:A:ILE:HG23	1:115:A:ALA:H	11	0.11
(9,1438)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	5	0.11
(9,1438)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	5	0.11
(9,1432)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	18	0.11
(9,1432)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	18	0.11
(9,1432)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	18	0.11
(9,1417)	1:149:A:ALA:HB1	1:150:A:THR:HG21	3	0.11
(9,1417)	1:149:A:ALA:HB1	1:150:A:THR:HG22	3	0.11
(9,1417)	1:149:A:ALA:HB1	1:150:A:THR:HG23	3	0.11
(9,1417)	1:149:A:ALA:HB2	1:150:A:THR:HG21	3	0.11
(9,1417)	1:149:A:ALA:HB2	1:150:A:THR:HG22	3	0.11
(9,1417)	1:149:A:ALA:HB2	1:150:A:THR:HG23	3	0.11
(9,1417)	1:149:A:ALA:HB3	1:150:A:THR:HG21	3	0.11
(9,1417)	1:149:A:ALA:HB3	1:150:A:THR:HG22	3	0.11
(9,1417)	1:149:A:ALA:HB3	1:150:A:THR:HG23	3	0.11
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB1	7	0.11
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB2	7	0.11
(9,1407)	1:145:A:PRO:HB3	1:149:A:ALA:HB3	7	0.11
(9,1338)	1:105:A:LYS:HG3	1:106:A:ASP:HA	4	0.11
(9,1269)	1:114:A:ILE:HA	1:117:A:VAL:HG11	8	0.11
(9,1269)	1:114:A:ILE:HA	1:117:A:VAL:HG12	8	0.11
(9,1269)	1:114:A:ILE:HA	1:117:A:VAL:HG13	8	0.11
(9,1247)	1:40:A:LEU:HD11	1:44:A:GLU:HB2	7	0.11
(9,1247)	1:40:A:LEU:HD11	1:44:A:GLU:HB3	7	0.11
(9,1247)	1:40:A:LEU:HD12	1:44:A:GLU:HB2	7	0.11
(9,1247)	1:40:A:LEU:HD12	1:44:A:GLU:HB3	7	0.11
(9,1247)	1:40:A:LEU:HD13	1:44:A:GLU:HB2	7	0.11
(9,1247)	1:40:A:LEU:HD13	1:44:A:GLU:HB3	7	0.11
(9,1238)	1:39:A:VAL:H	1:139:A:LEU:HD21	6	0.11
(9,1238)	1:39:A:VAL:H	1:139:A:LEU:HD22	6	0.11
(9,1238)	1:39:A:VAL:H	1:139:A:LEU:HD23	6	0.11
(9,1238)	1:39:A:VAL:H	1:139:A:LEU:HD21	8	0.11
(9,1238)	1:39:A:VAL:H	1:139:A:LEU:HD22	8	0.11
(9,1238)	1:39:A:VAL:H	1:139:A:LEU:HD23	8	0.11
(9,1198)	1:40:A:LEU:HD21	1:44:A:GLU:HB2	6	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1198)	1:40:A:LEU:HD21	1:44:A:GLU:HB3	6	0.11
(9,1198)	1:40:A:LEU:HD22	1:44:A:GLU:HB2	6	0.11
(9,1198)	1:40:A:LEU:HD22	1:44:A:GLU:HB3	6	0.11
(9,1198)	1:40:A:LEU:HD23	1:44:A:GLU:HB2	6	0.11
(9,1198)	1:40:A:LEU:HD23	1:44:A:GLU:HB3	6	0.11
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD21	6	0.11
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD22	6	0.11
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD23	6	0.11
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD21	11	0.11
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD22	11	0.11
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD23	11	0.11
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD21	16	0.11
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD22	16	0.11
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD23	16	0.11
(9,1164)	1:101:A:ILE:HA	1:101:A:ILE:HD11	19	0.11
(9,1164)	1:101:A:ILE:HA	1:101:A:ILE:HD12	19	0.11
(9,1164)	1:101:A:ILE:HA	1:101:A:ILE:HD13	19	0.11
(9,1158)	1:37:A:LEU:HA	1:37:A:LEU:HD11	5	0.11
(9,1158)	1:37:A:LEU:HA	1:37:A:LEU:HD12	5	0.11
(9,1158)	1:37:A:LEU:HA	1:37:A:LEU:HD13	5	0.11
(9,1158)	1:37:A:LEU:HA	1:37:A:LEU:HD11	12	0.11
(9,1158)	1:37:A:LEU:HA	1:37:A:LEU:HD12	12	0.11
(9,1158)	1:37:A:LEU:HA	1:37:A:LEU:HD13	12	0.11
(9,1018)	1:27:A:ARG:HB2	1:28:A:GLY:HA2	13	0.11
(9,1018)	1:27:A:ARG:HB2	1:28:A:GLY:HA3	13	0.11
(9,1017)	1:149:A:ALA:HB1	1:150:A:THR:HA	13	0.11
(9,1017)	1:149:A:ALA:HB2	1:150:A:THR:HA	13	0.11
(9,1017)	1:149:A:ALA:HB3	1:150:A:THR:HA	13	0.11
(9,953)	1:40:A:LEU:HA	1:43:A:MET:HG3	15	0.11
(9,919)	1:125:A:THR:HB	1:128:A:LEU:HB2	12	0.11
(9,917)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	13	0.11
(9,917)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	13	0.11
(9,917)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	13	0.11
(9,847)	1:71:A:LYS:HE2	1:72:A:PHE:HE1	11	0.11
(9,847)	1:71:A:LYS:HE2	1:72:A:PHE:HE2	11	0.11
(9,847)	1:71:A:LYS:HE3	1:72:A:PHE:HE1	11	0.11
(9,847)	1:71:A:LYS:HE3	1:72:A:PHE:HE2	11	0.11
(9,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	10	0.11
(9,824)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	10	0.11
(9,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	10	0.11
(9,824)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	10	0.11
(9,792)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	4	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,792)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	4	0.11
(9,792)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	4	0.11
(9,792)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	4	0.11
(9,792)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	4	0.11
(9,792)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	4	0.11
(9,792)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	12	0.11
(9,792)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	12	0.11
(9,792)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	12	0.11
(9,792)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	12	0.11
(9,792)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	12	0.11
(9,792)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	12	0.11
(9,781)	1:50:A:ALA:HB1	1:130:A:GLY:HA2	9	0.11
(9,781)	1:50:A:ALA:HB2	1:130:A:GLY:HA2	9	0.11
(9,781)	1:50:A:ALA:HB3	1:130:A:GLY:HA2	9	0.11
(9,761)	1:41:A:LYS:HG2	1:42:A:GLU:H	19	0.11
(9,738)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	5	0.11
(9,738)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	5	0.11
(9,737)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	16	0.11
(9,691)	1:98:A:ILE:H	1:100:A:ALA:H	10	0.11
(9,651)	1:101:A:ILE:H	1:104:A:PHE:HB3	13	0.11
(9,597)	1:55:A:GLY:H	1:57:A:LEU:H	6	0.11
(9,534)	1:70:A:LYS:HB2	1:72:A:PHE:H	6	0.11
(9,534)	1:70:A:LYS:HB3	1:72:A:PHE:H	6	0.11
(9,480)	1:103:A:ARG:H	1:103:A:ARG:HG2	4	0.11
(9,480)	1:103:A:ARG:H	1:103:A:ARG:HG3	4	0.11
(9,480)	1:103:A:ARG:H	1:103:A:ARG:HG2	7	0.11
(9,480)	1:103:A:ARG:H	1:103:A:ARG:HG3	7	0.11
(9,478)	1:14:A:VAL:H	1:61:A:SER:HA	10	0.11
(9,475)	1:14:A:VAL:H	1:14:A:VAL:HG11	7	0.11
(9,475)	1:14:A:VAL:H	1:14:A:VAL:HG12	7	0.11
(9,475)	1:14:A:VAL:H	1:14:A:VAL:HG13	7	0.11
(9,475)	1:14:A:VAL:H	1:14:A:VAL:HG11	10	0.11
(9,475)	1:14:A:VAL:H	1:14:A:VAL:HG12	10	0.11
(9,475)	1:14:A:VAL:H	1:14:A:VAL:HG13	10	0.11
(9,475)	1:14:A:VAL:H	1:14:A:VAL:HG11	11	0.11
(9,475)	1:14:A:VAL:H	1:14:A:VAL:HG12	11	0.11
(9,475)	1:14:A:VAL:H	1:14:A:VAL:HG13	11	0.11
(9,475)	1:14:A:VAL:H	1:14:A:VAL:HG11	13	0.11
(9,475)	1:14:A:VAL:H	1:14:A:VAL:HG12	13	0.11
(9,475)	1:14:A:VAL:H	1:14:A:VAL:HG13	13	0.11
(9,475)	1:14:A:VAL:H	1:14:A:VAL:HG11	15	0.11
(9,475)	1:14:A:VAL:H	1:14:A:VAL:HG12	15	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,475)	1:14:A:VAL:H	1:14:A:VAL:HG13	15	0.11
(9,475)	1:14:A:VAL:H	1:14:A:VAL:HG11	16	0.11
(9,475)	1:14:A:VAL:H	1:14:A:VAL:HG12	16	0.11
(9,475)	1:14:A:VAL:H	1:14:A:VAL:HG13	16	0.11
(9,475)	1:14:A:VAL:H	1:14:A:VAL:HG11	17	0.11
(9,475)	1:14:A:VAL:H	1:14:A:VAL:HG12	17	0.11
(9,475)	1:14:A:VAL:H	1:14:A:VAL:HG13	17	0.11
(9,475)	1:14:A:VAL:H	1:14:A:VAL:HG11	18	0.11
(9,475)	1:14:A:VAL:H	1:14:A:VAL:HG12	18	0.11
(9,475)	1:14:A:VAL:H	1:14:A:VAL:HG13	18	0.11
(9,406)	1:105:A:LYS:HG2	1:106:A:ASP:H	5	0.11
(9,400)	1:119:A:LEU:H	1:120:A:CYS:HB2	6	0.11
(9,378)	1:70:A:LYS:H	1:73:A:ILE:HD11	12	0.11
(9,378)	1:70:A:LYS:H	1:73:A:ILE:HD12	12	0.11
(9,378)	1:70:A:LYS:H	1:73:A:ILE:HD13	12	0.11
(9,296)	1:50:A:ALA:HB1	1:52:A:CYS:H	9	0.11
(9,296)	1:50:A:ALA:HB2	1:52:A:CYS:H	9	0.11
(9,296)	1:50:A:ALA:HB3	1:52:A:CYS:H	9	0.11
(9,295)	1:117:A:VAL:HG11	1:118:A:ASP:H	2	0.11
(9,295)	1:117:A:VAL:HG12	1:118:A:ASP:H	2	0.11
(9,295)	1:117:A:VAL:HG13	1:118:A:ASP:H	2	0.11
(9,244)	1:47:A:ALA:HB1	1:50:A:ALA:H	5	0.11
(9,244)	1:47:A:ALA:HB2	1:50:A:ALA:H	5	0.11
(9,244)	1:47:A:ALA:HB3	1:50:A:ALA:H	5	0.11
(9,182)	1:93:A:GLU:H	1:93:A:GLU:HG2	13	0.11
(9,182)	1:93:A:GLU:H	1:93:A:GLU:HG3	13	0.11
(9,182)	1:93:A:GLU:H	1:93:A:GLU:HG2	15	0.11
(9,182)	1:93:A:GLU:H	1:93:A:GLU:HG3	15	0.11
(9,125)	1:46:A:ASN:HB3	1:49:A:LYS:H	4	0.11
(9,123)	1:80:A:TYR:H	1:80:A:TYR:HB3	6	0.11
(9,123)	1:80:A:TYR:H	1:80:A:TYR:HB2	6	0.11
(9,88)	1:151:A:PHE:H	1:151:A:PHE:HD1	8	0.11
(9,88)	1:151:A:PHE:H	1:151:A:PHE:HD2	8	0.11
(9,68)	1:115:A:ALA:HB1	1:117:A:VAL:H	15	0.11
(9,68)	1:115:A:ALA:HB2	1:117:A:VAL:H	15	0.11
(9,68)	1:115:A:ALA:HB3	1:117:A:VAL:H	15	0.11
(9,10)	1:64:A:LYS:H	1:64:A:LYS:HE2	9	0.11
(9,10)	1:64:A:LYS:H	1:64:A:LYS:HE3	9	0.11
(7,2454)	1:141:A:LYS:HA	1:145:A:PRO:HD2	3	0.11
(7,2454)	1:141:A:LYS:HA	1:145:A:PRO:HD3	3	0.11
(7,2406)	1:131:A:LEU:H	1:131:A:LEU:HD11	13	0.11
(7,2406)	1:131:A:LEU:H	1:131:A:LEU:HD12	13	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2406)	1:131:A:LEU:H	1:131:A:LEU:HD13	13	0.11
(7,2406)	1:131:A:LEU:H	1:131:A:LEU:HD21	13	0.11
(7,2406)	1:131:A:LEU:H	1:131:A:LEU:HD22	13	0.11
(7,2406)	1:131:A:LEU:H	1:131:A:LEU:HD23	13	0.11
(7,2375)	1:119:A:LEU:HD11	1:121:A:VAL:H	13	0.11
(7,2375)	1:119:A:LEU:HD12	1:121:A:VAL:H	13	0.11
(7,2375)	1:119:A:LEU:HD13	1:121:A:VAL:H	13	0.11
(7,2375)	1:119:A:LEU:HD21	1:121:A:VAL:H	13	0.11
(7,2375)	1:119:A:LEU:HD22	1:121:A:VAL:H	13	0.11
(7,2375)	1:119:A:LEU:HD23	1:121:A:VAL:H	13	0.11
(7,2336)	1:111:A:GLU:H	1:111:A:GLU:HG2	1	0.11
(7,2336)	1:111:A:GLU:H	1:111:A:GLU:HG3	1	0.11
(7,2317)	1:107:A:LEU:HD11	1:111:A:GLU:H	3	0.11
(7,2317)	1:107:A:LEU:HD12	1:111:A:GLU:H	3	0.11
(7,2317)	1:107:A:LEU:HD13	1:111:A:GLU:H	3	0.11
(7,2317)	1:107:A:LEU:HD21	1:111:A:GLU:H	3	0.11
(7,2317)	1:107:A:LEU:HD22	1:111:A:GLU:H	3	0.11
(7,2317)	1:107:A:LEU:HD23	1:111:A:GLU:H	3	0.11
(7,2262)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	9	0.11
(7,2262)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	9	0.11
(7,2262)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	9	0.11
(7,2262)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	9	0.11
(7,2262)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	9	0.11
(7,2262)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	9	0.11
(7,2254)	1:81:A:GLU:H	1:81:A:GLU:HB2	8	0.11
(7,2254)	1:81:A:GLU:H	1:81:A:GLU:HB3	8	0.11
(7,2247)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	4	0.11
(7,2247)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	4	0.11
(7,2247)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	4	0.11
(7,2247)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	4	0.11
(7,2222)	1:68:A:LYS:H	1:69:A:MET:HG2	16	0.11
(7,2222)	1:68:A:LYS:H	1:69:A:MET:HG3	16	0.11
(7,2213)	1:65:A:CYS:HB2	1:69:A:MET:HG2	9	0.11
(7,2213)	1:65:A:CYS:HB2	1:69:A:MET:HG3	9	0.11
(7,2213)	1:65:A:CYS:HB3	1:69:A:MET:HG2	9	0.11
(7,2213)	1:65:A:CYS:HB3	1:69:A:MET:HG3	9	0.11
(7,2213)	1:65:A:CYS:HB2	1:69:A:MET:HG2	11	0.11
(7,2213)	1:65:A:CYS:HB2	1:69:A:MET:HG3	11	0.11
(7,2213)	1:65:A:CYS:HB3	1:69:A:MET:HG2	11	0.11
(7,2213)	1:65:A:CYS:HB3	1:69:A:MET:HG3	11	0.11
(7,2145)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	7	0.11
(7,2145)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	7	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2145)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	7	0.11
(7,2145)	1:47:A:ALA:HB1	1:57:A:LEU:HD21	7	0.11
(7,2145)	1:47:A:ALA:HB1	1:57:A:LEU:HD22	7	0.11
(7,2145)	1:47:A:ALA:HB1	1:57:A:LEU:HD23	7	0.11
(7,2145)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	7	0.11
(7,2145)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	7	0.11
(7,2145)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	7	0.11
(7,2145)	1:47:A:ALA:HB2	1:57:A:LEU:HD21	7	0.11
(7,2145)	1:47:A:ALA:HB2	1:57:A:LEU:HD22	7	0.11
(7,2145)	1:47:A:ALA:HB2	1:57:A:LEU:HD23	7	0.11
(7,2145)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	7	0.11
(7,2145)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	7	0.11
(7,2145)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	7	0.11
(7,2145)	1:47:A:ALA:HB3	1:57:A:LEU:HD21	7	0.11
(7,2145)	1:47:A:ALA:HB3	1:57:A:LEU:HD22	7	0.11
(7,2145)	1:47:A:ALA:HB3	1:57:A:LEU:HD23	7	0.11
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD11	10	0.11
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD12	10	0.11
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD13	10	0.11
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD21	10	0.11
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD22	10	0.11
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD23	10	0.11
(7,2053)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	1	0.11
(7,2053)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	1	0.11
(7,2053)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	1	0.11
(7,2053)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	1	0.11
(7,2053)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	1	0.11
(7,2053)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	1	0.11
(7,1997)	1:23:A:LEU:HD11	1:27:A:ARG:HA	15	0.11
(7,1997)	1:23:A:LEU:HD12	1:27:A:ARG:HA	15	0.11
(7,1997)	1:23:A:LEU:HD13	1:27:A:ARG:HA	15	0.11
(7,1997)	1:23:A:LEU:HD21	1:27:A:ARG:HA	15	0.11
(7,1997)	1:23:A:LEU:HD22	1:27:A:ARG:HA	15	0.11
(7,1997)	1:23:A:LEU:HD23	1:27:A:ARG:HA	15	0.11
(7,1990)	1:22:A:ASP:H	1:23:A:LEU:HD11	10	0.11
(7,1990)	1:22:A:ASP:H	1:23:A:LEU:HD12	10	0.11
(7,1990)	1:22:A:ASP:H	1:23:A:LEU:HD13	10	0.11
(7,1990)	1:22:A:ASP:H	1:23:A:LEU:HD21	10	0.11
(7,1990)	1:22:A:ASP:H	1:23:A:LEU:HD22	10	0.11
(7,1990)	1:22:A:ASP:H	1:23:A:LEU:HD23	10	0.11
(7,1971)	1:18:A:PHE:HB2	1:132:A:ALA:HA	4	0.11
(7,1971)	1:18:A:PHE:HB3	1:132:A:ALA:HA	4	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1971)	1:18:A:PHE:HB2	1:132:A:ALA:HA	8	0.11
(7,1971)	1:18:A:PHE:HB3	1:132:A:ALA:HA	8	0.11
(7,1944)	1:14:A:VAL:HG11	1:60:A:LEU:H	12	0.11
(7,1944)	1:14:A:VAL:HG12	1:60:A:LEU:H	12	0.11
(7,1944)	1:14:A:VAL:HG13	1:60:A:LEU:H	12	0.11
(7,1944)	1:14:A:VAL:HG21	1:60:A:LEU:H	12	0.11
(7,1944)	1:14:A:VAL:HG22	1:60:A:LEU:H	12	0.11
(7,1944)	1:14:A:VAL:HG23	1:60:A:LEU:H	12	0.11
(7,1883)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	10	0.11
(7,1883)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	10	0.11
(7,1883)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	10	0.11
(7,1836)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	5	0.11
(7,1836)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	5	0.11
(7,1803)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	3	0.11
(7,1803)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	3	0.11
(7,1795)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	7	0.11
(7,1795)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	7	0.11
(7,1733)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	16	0.11
(7,1733)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	16	0.11
(7,1658)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.11
(7,1658)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.11
(7,1658)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.11
(7,1639)	1:107:A:LEU:H	1:111:A:GLU:HB2	5	0.11
(7,1639)	1:107:A:LEU:H	1:111:A:GLU:HB3	5	0.11
(7,1630)	1:69:A:MET:H	1:69:A:MET:HE1	14	0.11
(7,1630)	1:69:A:MET:H	1:69:A:MET:HE2	14	0.11
(7,1630)	1:69:A:MET:H	1:69:A:MET:HE3	14	0.11
(7,1615)	1:97:A:ASP:HB2	1:99:A:PRO:HA	3	0.11
(7,1615)	1:97:A:ASP:HB3	1:99:A:PRO:HA	3	0.11
(7,1554)	1:101:A:ILE:HD11	1:112:A:GLN:HA	19	0.11
(7,1554)	1:101:A:ILE:HD12	1:112:A:GLN:HA	19	0.11
(7,1554)	1:101:A:ILE:HD13	1:112:A:GLN:HA	19	0.11
(7,1513)	1:66:A:THR:HG21	1:69:A:MET:HE1	4	0.11
(7,1513)	1:66:A:THR:HG21	1:69:A:MET:HE2	4	0.11
(7,1513)	1:66:A:THR:HG21	1:69:A:MET:HE3	4	0.11
(7,1513)	1:66:A:THR:HG22	1:69:A:MET:HE1	4	0.11
(7,1513)	1:66:A:THR:HG22	1:69:A:MET:HE2	4	0.11
(7,1513)	1:66:A:THR:HG22	1:69:A:MET:HE3	4	0.11
(7,1513)	1:66:A:THR:HG23	1:69:A:MET:HE1	4	0.11
(7,1513)	1:66:A:THR:HG23	1:69:A:MET:HE2	4	0.11
(7,1513)	1:66:A:THR:HG23	1:69:A:MET:HE3	4	0.11
(7,1457)	1:101:A:ILE:HG21	1:116:A:GLN:H	2	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1457)	1:101:A:ILE:HG22	1:116:A:GLN:H	2	0.11
(7,1457)	1:101:A:ILE:HG23	1:116:A:GLN:H	2	0.11
(7,1457)	1:101:A:ILE:HG21	1:116:A:GLN:H	18	0.11
(7,1457)	1:101:A:ILE:HG22	1:116:A:GLN:H	18	0.11
(7,1457)	1:101:A:ILE:HG23	1:116:A:GLN:H	18	0.11
(7,1453)	1:101:A:ILE:HG21	1:115:A:ALA:H	5	0.11
(7,1453)	1:101:A:ILE:HG22	1:115:A:ALA:H	5	0.11
(7,1453)	1:101:A:ILE:HG23	1:115:A:ALA:H	5	0.11
(7,1453)	1:101:A:ILE:HG21	1:115:A:ALA:H	11	0.11
(7,1453)	1:101:A:ILE:HG22	1:115:A:ALA:H	11	0.11
(7,1453)	1:101:A:ILE:HG23	1:115:A:ALA:H	11	0.11
(7,1451)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	1	0.11
(7,1451)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	1	0.11
(7,1451)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	1	0.11
(7,1451)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	1	0.11
(7,1451)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	1	0.11
(7,1451)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	1	0.11
(7,1430)	1:47:A:ALA:HA	1:50:A:ALA:HB1	6	0.11
(7,1430)	1:47:A:ALA:HA	1:50:A:ALA:HB2	6	0.11
(7,1430)	1:47:A:ALA:HA	1:50:A:ALA:HB3	6	0.11
(7,1424)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	5	0.11
(7,1424)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	5	0.11
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG21	9	0.11
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG22	9	0.11
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG23	9	0.11
(7,1392)	1:100:A:ALA:HB1	1:119:A:LEU:HD11	6	0.11
(7,1392)	1:100:A:ALA:HB1	1:119:A:LEU:HD12	6	0.11
(7,1392)	1:100:A:ALA:HB1	1:119:A:LEU:HD13	6	0.11
(7,1392)	1:100:A:ALA:HB2	1:119:A:LEU:HD11	6	0.11
(7,1392)	1:100:A:ALA:HB2	1:119:A:LEU:HD12	6	0.11
(7,1392)	1:100:A:ALA:HB2	1:119:A:LEU:HD13	6	0.11
(7,1392)	1:100:A:ALA:HB3	1:119:A:LEU:HD11	6	0.11
(7,1392)	1:100:A:ALA:HB3	1:119:A:LEU:HD12	6	0.11
(7,1392)	1:100:A:ALA:HB3	1:119:A:LEU:HD13	6	0.11
(7,1385)	1:129:A:LYS:HA	1:132:A:ALA:HB1	2	0.11
(7,1385)	1:129:A:LYS:HA	1:132:A:ALA:HB2	2	0.11
(7,1385)	1:129:A:LYS:HA	1:132:A:ALA:HB3	2	0.11
(7,1360)	1:12:A:VAL:HG21	1:80:A:TYR:HE1	8	0.11
(7,1360)	1:12:A:VAL:HG21	1:80:A:TYR:HE2	8	0.11
(7,1360)	1:12:A:VAL:HG22	1:80:A:TYR:HE1	8	0.11
(7,1360)	1:12:A:VAL:HG22	1:80:A:TYR:HE2	8	0.11
(7,1360)	1:12:A:VAL:HG23	1:80:A:TYR:HE1	8	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1360)	1:12:A:VAL:HG23	1:80:A:TYR:HE2	8	0.11
(7,1339)	1:39:A:VAL:H	1:39:A:VAL:HG11	15	0.11
(7,1339)	1:39:A:VAL:H	1:39:A:VAL:HG12	15	0.11
(7,1339)	1:39:A:VAL:H	1:39:A:VAL:HG13	15	0.11
(7,1339)	1:39:A:VAL:H	1:39:A:VAL:HG11	16	0.11
(7,1339)	1:39:A:VAL:H	1:39:A:VAL:HG12	16	0.11
(7,1339)	1:39:A:VAL:H	1:39:A:VAL:HG13	16	0.11
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG11	1	0.11
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG12	1	0.11
(7,1337)	1:120:A:CYS:H	1:121:A:VAL:HG13	1	0.11
(7,1271)	1:66:A:THR:HG21	1:70:A:LYS:H	11	0.11
(7,1271)	1:66:A:THR:HG22	1:70:A:LYS:H	11	0.11
(7,1271)	1:66:A:THR:HG23	1:70:A:LYS:H	11	0.11
(7,1269)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	10	0.11
(7,1269)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	10	0.11
(7,1269)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	10	0.11
(7,1243)	1:39:A:VAL:H	1:39:A:VAL:HG21	18	0.11
(7,1243)	1:39:A:VAL:H	1:39:A:VAL:HG22	18	0.11
(7,1243)	1:39:A:VAL:H	1:39:A:VAL:HG23	18	0.11
(7,1227)	1:37:A:LEU:HD11	1:38:A:GLU:HA	8	0.11
(7,1227)	1:37:A:LEU:HD12	1:38:A:GLU:HA	8	0.11
(7,1227)	1:37:A:LEU:HD13	1:38:A:GLU:HA	8	0.11
(7,1227)	1:37:A:LEU:HD11	1:38:A:GLU:HA	15	0.11
(7,1227)	1:37:A:LEU:HD12	1:38:A:GLU:HA	15	0.11
(7,1227)	1:37:A:LEU:HD13	1:38:A:GLU:HA	15	0.11
(7,1200)	1:110:A:MET:HA	1:113:A:PHE:HB2	2	0.11
(7,1167)	1:107:A:LEU:HD21	1:108:A:GLU:H	4	0.11
(7,1167)	1:107:A:LEU:HD22	1:108:A:GLU:H	4	0.11
(7,1167)	1:107:A:LEU:HD23	1:108:A:GLU:H	4	0.11
(7,1167)	1:107:A:LEU:HD21	1:108:A:GLU:H	18	0.11
(7,1167)	1:107:A:LEU:HD22	1:108:A:GLU:H	18	0.11
(7,1167)	1:107:A:LEU:HD23	1:108:A:GLU:H	18	0.11
(7,1140)	1:101:A:ILE:HA	1:101:A:ILE:HD11	19	0.11
(7,1140)	1:101:A:ILE:HA	1:101:A:ILE:HD12	19	0.11
(7,1140)	1:101:A:ILE:HA	1:101:A:ILE:HD13	19	0.11
(7,1123)	1:80:A:TYR:HA	1:80:A:TYR:HE1	18	0.11
(7,1123)	1:80:A:TYR:HA	1:80:A:TYR:HE2	18	0.11
(7,1105)	1:40:A:LEU:HA	1:44:A:GLU:HB2	7	0.11
(7,1105)	1:40:A:LEU:HA	1:44:A:GLU:HB3	7	0.11
(7,1105)	1:40:A:LEU:HA	1:44:A:GLU:HB2	13	0.11
(7,1105)	1:40:A:LEU:HA	1:44:A:GLU:HB3	13	0.11
(7,1038)	1:13:A:ALA:HB1	1:79:A:THR:HA	17	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1038)	1:13:A:ALA:HB2	1:79:A:THR:HA	17	0.11
(7,1038)	1:13:A:ALA:HB3	1:79:A:THR:HA	17	0.11
(7,1033)	1:79:A:THR:HA	1:80:A:TYR:HD1	12	0.11
(7,1033)	1:79:A:THR:HA	1:80:A:TYR:HD2	12	0.11
(7,1001)	1:149:A:ALA:HB1	1:150:A:THR:HA	13	0.11
(7,1001)	1:149:A:ALA:HB2	1:150:A:THR:HA	13	0.11
(7,1001)	1:149:A:ALA:HB3	1:150:A:THR:HA	13	0.11
(7,998)	1:34:A:LYS:H	1:81:A:GLU:HB2	18	0.11
(7,911)	1:38:A:GLU:HG2	1:139:A:LEU:HB2	19	0.11
(7,911)	1:38:A:GLU:HG2	1:139:A:LEU:HB3	19	0.11
(7,911)	1:38:A:GLU:HG3	1:139:A:LEU:HB2	19	0.11
(7,911)	1:38:A:GLU:HG3	1:139:A:LEU:HB3	19	0.11
(7,883)	1:94:A:ALA:HA	1:95:A:ILE:HB	18	0.11
(7,856)	1:57:A:LEU:HA	1:60:A:LEU:HB3	13	0.11
(7,851)	1:18:A:PHE:HZ	1:60:A:LEU:HB3	10	0.11
(7,761)	1:73:A:ILE:HD11	1:113:A:PHE:HD1	14	0.11
(7,761)	1:73:A:ILE:HD11	1:113:A:PHE:HD2	14	0.11
(7,761)	1:73:A:ILE:HD12	1:113:A:PHE:HD1	14	0.11
(7,761)	1:73:A:ILE:HD12	1:113:A:PHE:HD2	14	0.11
(7,761)	1:73:A:ILE:HD13	1:113:A:PHE:HD1	14	0.11
(7,761)	1:73:A:ILE:HD13	1:113:A:PHE:HD2	14	0.11
(7,755)	1:41:A:LYS:HG2	1:42:A:GLU:H	19	0.11
(7,693)	1:98:A:ILE:H	1:104:A:PHE:H	8	0.11
(7,693)	1:98:A:ILE:H	1:104:A:PHE:H	15	0.11
(7,669)	1:124:A:THR:H	1:126:A:GLY:H	8	0.11
(7,652)	1:98:A:ILE:H	1:100:A:ALA:H	10	0.11
(7,642)	1:66:A:THR:H	1:69:A:MET:HA	14	0.11
(7,584)	1:126:A:GLY:H	1:128:A:LEU:HB2	15	0.11
(7,490)	1:98:A:ILE:H	1:105:A:LYS:H	17	0.11
(7,366)	1:70:A:LYS:H	1:73:A:ILE:HD11	12	0.11
(7,366)	1:70:A:LYS:H	1:73:A:ILE:HD12	12	0.11
(7,366)	1:70:A:LYS:H	1:73:A:ILE:HD13	12	0.11
(7,362)	1:69:A:MET:HE1	1:70:A:LYS:H	14	0.11
(7,362)	1:69:A:MET:HE2	1:70:A:LYS:H	14	0.11
(7,362)	1:69:A:MET:HE3	1:70:A:LYS:H	14	0.11
(7,331)	1:122:A:ASP:H	1:123:A:CYS:HA	12	0.11
(7,297)	1:128:A:LEU:HB3	1:129:A:LYS:H	4	0.11
(7,290)	1:50:A:ALA:HB1	1:52:A:CYS:H	9	0.11
(7,290)	1:50:A:ALA:HB2	1:52:A:CYS:H	9	0.11
(7,290)	1:50:A:ALA:HB3	1:52:A:CYS:H	9	0.11
(7,269)	1:108:A:GLU:H	1:112:A:GLN:H	6	0.11
(7,269)	1:108:A:GLU:H	1:112:A:GLN:H	12	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,251)	1:58:A:ILE:H	1:58:A:ILE:HD11	7	0.11
(7,251)	1:58:A:ILE:H	1:58:A:ILE:HD12	7	0.11
(7,251)	1:58:A:ILE:H	1:58:A:ILE:HD13	7	0.11
(7,237)	1:50:A:ALA:H	1:52:A:CYS:H	9	0.11
(7,179)	1:93:A:GLU:H	1:93:A:GLU:HG2	13	0.11
(7,179)	1:93:A:GLU:H	1:93:A:GLU:HG3	13	0.11
(7,179)	1:93:A:GLU:H	1:93:A:GLU:HG2	15	0.11
(7,179)	1:93:A:GLU:H	1:93:A:GLU:HG3	15	0.11
(7,100)	1:63:A:ILE:H	1:63:A:ILE:HG21	13	0.11
(7,100)	1:63:A:ILE:H	1:63:A:ILE:HG22	13	0.11
(7,100)	1:63:A:ILE:H	1:63:A:ILE:HG23	13	0.11
(7,85)	1:151:A:PHE:H	1:151:A:PHE:HD1	8	0.11
(7,85)	1:151:A:PHE:H	1:151:A:PHE:HD2	8	0.11
(7,64)	1:115:A:ALA:HB1	1:117:A:VAL:H	15	0.11
(7,64)	1:115:A:ALA:HB2	1:117:A:VAL:H	15	0.11
(7,64)	1:115:A:ALA:HB3	1:117:A:VAL:H	15	0.11
(7,42)	1:44:A:GLU:HG3	1:47:A:ALA:H	14	0.11
(7,13)	1:64:A:LYS:H	1:64:A:LYS:HD2	11	0.11
(7,13)	1:64:A:LYS:H	1:64:A:LYS:HD3	11	0.11
(6,2458)	1:140:A:LEU:HA	1:140:A:LEU:HD11	17	0.11
(6,2458)	1:140:A:LEU:HA	1:140:A:LEU:HD12	17	0.11
(6,2458)	1:140:A:LEU:HA	1:140:A:LEU:HD13	17	0.11
(6,2458)	1:140:A:LEU:HA	1:140:A:LEU:HD21	17	0.11
(6,2458)	1:140:A:LEU:HA	1:140:A:LEU:HD22	17	0.11
(6,2458)	1:140:A:LEU:HA	1:140:A:LEU:HD23	17	0.11
(6,2404)	1:128:A:LEU:H	1:128:A:LEU:HD11	2	0.11
(6,2404)	1:128:A:LEU:H	1:128:A:LEU:HD12	2	0.11
(6,2404)	1:128:A:LEU:H	1:128:A:LEU:HD13	2	0.11
(6,2404)	1:128:A:LEU:H	1:128:A:LEU:HD21	2	0.11
(6,2404)	1:128:A:LEU:H	1:128:A:LEU:HD22	2	0.11
(6,2404)	1:128:A:LEU:H	1:128:A:LEU:HD23	2	0.11
(6,2383)	1:119:A:LEU:HD11	1:121:A:VAL:H	13	0.11
(6,2383)	1:119:A:LEU:HD12	1:121:A:VAL:H	13	0.11
(6,2383)	1:119:A:LEU:HD13	1:121:A:VAL:H	13	0.11
(6,2383)	1:119:A:LEU:HD21	1:121:A:VAL:H	13	0.11
(6,2383)	1:119:A:LEU:HD22	1:121:A:VAL:H	13	0.11
(6,2383)	1:119:A:LEU:HD23	1:121:A:VAL:H	13	0.11
(6,2334)	1:107:A:LEU:HD11	1:112:A:GLN:HA	1	0.11
(6,2334)	1:107:A:LEU:HD12	1:112:A:GLN:HA	1	0.11
(6,2334)	1:107:A:LEU:HD13	1:112:A:GLN:HA	1	0.11
(6,2334)	1:107:A:LEU:HD21	1:112:A:GLN:HA	1	0.11
(6,2334)	1:107:A:LEU:HD22	1:112:A:GLN:HA	1	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2334)	1:107:A:LEU:HD23	1:112:A:GLN:HA	1	0.11
(6,2331)	1:107:A:LEU:HD11	1:111:A:GLU:H	3	0.11
(6,2331)	1:107:A:LEU:HD12	1:111:A:GLU:H	3	0.11
(6,2331)	1:107:A:LEU:HD13	1:111:A:GLU:H	3	0.11
(6,2331)	1:107:A:LEU:HD21	1:111:A:GLU:H	3	0.11
(6,2331)	1:107:A:LEU:HD22	1:111:A:GLU:H	3	0.11
(6,2331)	1:107:A:LEU:HD23	1:111:A:GLU:H	3	0.11
(6,2321)	1:105:A:LYS:HG2	1:106:A:ASP:HA	19	0.11
(6,2321)	1:105:A:LYS:HG3	1:106:A:ASP:HA	19	0.11
(6,2289)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	9	0.11
(6,2289)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	9	0.11
(6,2289)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	9	0.11
(6,2289)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	9	0.11
(6,2289)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	9	0.11
(6,2289)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	9	0.11
(6,2261)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	1	0.11
(6,2261)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	1	0.11
(6,2238)	1:66:A:THR:H	1:116:A:GLN:HE21	6	0.11
(6,2238)	1:66:A:THR:H	1:116:A:GLN:HE22	6	0.11
(6,2233)	1:65:A:CYS:HB2	1:69:A:MET:HG2	9	0.11
(6,2233)	1:65:A:CYS:HB2	1:69:A:MET:HG3	9	0.11
(6,2233)	1:65:A:CYS:HB3	1:69:A:MET:HG2	9	0.11
(6,2233)	1:65:A:CYS:HB3	1:69:A:MET:HG3	9	0.11
(6,2233)	1:65:A:CYS:HB2	1:69:A:MET:HG2	11	0.11
(6,2233)	1:65:A:CYS:HB2	1:69:A:MET:HG3	11	0.11
(6,2233)	1:65:A:CYS:HB3	1:69:A:MET:HG2	11	0.11
(6,2233)	1:65:A:CYS:HB3	1:69:A:MET:HG3	11	0.11
(6,2167)	1:47:A:ALA:HB1	1:57:A:LEU:HD11	2	0.11
(6,2167)	1:47:A:ALA:HB1	1:57:A:LEU:HD12	2	0.11
(6,2167)	1:47:A:ALA:HB1	1:57:A:LEU:HD13	2	0.11
(6,2167)	1:47:A:ALA:HB1	1:57:A:LEU:HD21	2	0.11
(6,2167)	1:47:A:ALA:HB1	1:57:A:LEU:HD22	2	0.11
(6,2167)	1:47:A:ALA:HB1	1:57:A:LEU:HD23	2	0.11
(6,2167)	1:47:A:ALA:HB2	1:57:A:LEU:HD11	2	0.11
(6,2167)	1:47:A:ALA:HB2	1:57:A:LEU:HD12	2	0.11
(6,2167)	1:47:A:ALA:HB2	1:57:A:LEU:HD13	2	0.11
(6,2167)	1:47:A:ALA:HB2	1:57:A:LEU:HD21	2	0.11
(6,2167)	1:47:A:ALA:HB2	1:57:A:LEU:HD22	2	0.11
(6,2167)	1:47:A:ALA:HB2	1:57:A:LEU:HD23	2	0.11
(6,2167)	1:47:A:ALA:HB3	1:57:A:LEU:HD11	2	0.11
(6,2167)	1:47:A:ALA:HB3	1:57:A:LEU:HD12	2	0.11
(6,2167)	1:47:A:ALA:HB3	1:57:A:LEU:HD13	2	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2167)	1:47:A:ALA:HB3	1:57:A:LEU:HD21	2	0.11
(6,2167)	1:47:A:ALA:HB3	1:57:A:LEU:HD22	2	0.11
(6,2167)	1:47:A:ALA:HB3	1:57:A:LEU:HD23	2	0.11
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG11	17	0.11
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG12	17	0.11
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG13	17	0.11
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG21	17	0.11
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG22	17	0.11
(6,2147)	1:43:A:MET:HG2	1:134:A:VAL:HG23	17	0.11
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG11	17	0.11
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG12	17	0.11
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG13	17	0.11
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG21	17	0.11
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG22	17	0.11
(6,2147)	1:43:A:MET:HG3	1:134:A:VAL:HG23	17	0.11
(6,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD11	12	0.11
(6,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD12	12	0.11
(6,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD13	12	0.11
(6,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD21	12	0.11
(6,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD22	12	0.11
(6,2123)	1:40:A:LEU:HA	1:40:A:LEU:HD23	12	0.11
(6,2109)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	3	0.11
(6,2109)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	3	0.11
(6,2109)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	3	0.11
(6,2109)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	3	0.11
(6,2109)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	3	0.11
(6,2109)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	3	0.11
(6,2109)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	3	0.11
(6,2109)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	3	0.11
(6,2109)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	3	0.11
(6,2109)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	3	0.11
(6,2109)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	3	0.11
(6,2109)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	3	0.11
(6,2082)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	19	0.11
(6,2082)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	19	0.11
(6,2082)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	19	0.11
(6,2082)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	19	0.11
(6,2082)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	19	0.11
(6,2082)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	19	0.11
(6,2080)	1:35:A:LEU:HD11	1:143:A:TRP:HE3	19	0.11
(6,2080)	1:35:A:LEU:HD12	1:143:A:TRP:HE3	19	0.11
(6,2080)	1:35:A:LEU:HD13	1:143:A:TRP:HE3	19	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2080)	1:35:A:LEU:HD21	1:143:A:TRP:HE3	19	0.11
(6,2080)	1:35:A:LEU:HD22	1:143:A:TRP:HE3	19	0.11
(6,2080)	1:35:A:LEU:HD23	1:143:A:TRP:HE3	19	0.11
(6,2041)	1:22:A:ASP:H	1:23:A:LEU:HD11	3	0.11
(6,2041)	1:22:A:ASP:H	1:23:A:LEU:HD12	3	0.11
(6,2041)	1:22:A:ASP:H	1:23:A:LEU:HD13	3	0.11
(6,2041)	1:22:A:ASP:H	1:23:A:LEU:HD21	3	0.11
(6,2041)	1:22:A:ASP:H	1:23:A:LEU:HD22	3	0.11
(6,2041)	1:22:A:ASP:H	1:23:A:LEU:HD23	3	0.11
(6,2004)	1:14:A:VAL:HG11	1:18:A:PHE:HZ	10	0.11
(6,2004)	1:14:A:VAL:HG12	1:18:A:PHE:HZ	10	0.11
(6,2004)	1:14:A:VAL:HG13	1:18:A:PHE:HZ	10	0.11
(6,2004)	1:14:A:VAL:HG21	1:18:A:PHE:HZ	10	0.11
(6,2004)	1:14:A:VAL:HG22	1:18:A:PHE:HZ	10	0.11
(6,2004)	1:14:A:VAL:HG23	1:18:A:PHE:HZ	10	0.11
(6,2000)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	12	0.11
(6,2000)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	12	0.11
(6,2000)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	12	0.11
(6,2000)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	12	0.11
(6,2000)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	12	0.11
(6,2000)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	12	0.11
(6,2000)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	12	0.11
(6,2000)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	12	0.11
(6,2000)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	12	0.11
(6,2000)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	12	0.11
(6,2000)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	12	0.11
(6,2000)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	12	0.11
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD11	6	0.11
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD12	6	0.11
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD13	6	0.11
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD21	6	0.11
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD22	6	0.11
(6,1993)	1:14:A:VAL:H	1:131:A:LEU:HD23	6	0.11
(6,1929)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	10	0.11
(6,1929)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	10	0.11
(6,1929)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	10	0.11
(6,1920)	1:35:A:LEU:HG	1:80:A:TYR:HE1	14	0.11
(6,1920)	1:35:A:LEU:HG	1:80:A:TYR:HE2	14	0.11
(6,1870)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	5	0.11
(6,1870)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	5	0.11
(6,1847)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	10	0.11
(6,1847)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	10	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1847)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	10	0.11
(6,1809)	1:104:A:PHE:HE1	1:105:A:LYS:HA	11	0.11
(6,1809)	1:104:A:PHE:HE2	1:105:A:LYS:HA	11	0.11
(6,1779)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	16	0.11
(6,1779)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	16	0.11
(6,1743)	1:105:A:LYS:H	1:105:A:LYS:HG3	12	0.11
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	2	0.11
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	2	0.11
(6,1710)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	2	0.11
(6,1705)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	2	0.11
(6,1704)	1:31:A:PRO:HB2	1:35:A:LEU:HB3	18	0.11
(6,1704)	1:31:A:PRO:HB3	1:35:A:LEU:HB3	18	0.11
(6,1690)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.11
(6,1690)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.11
(6,1690)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.11
(6,1671)	1:107:A:LEU:H	1:111:A:GLU:HB2	5	0.11
(6,1671)	1:107:A:LEU:H	1:111:A:GLU:HB3	5	0.11
(6,1627)	1:79:A:THR:H	1:80:A:TYR:HA	2	0.11
(6,1598)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	11	0.11
(6,1598)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	11	0.11
(6,1598)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	11	0.11
(6,1577)	1:63:A:ILE:HD11	1:113:A:PHE:HA	1	0.11
(6,1577)	1:63:A:ILE:HD12	1:113:A:PHE:HA	1	0.11
(6,1577)	1:63:A:ILE:HD13	1:113:A:PHE:HA	1	0.11
(6,1577)	1:63:A:ILE:HD11	1:113:A:PHE:HA	8	0.11
(6,1577)	1:63:A:ILE:HD12	1:113:A:PHE:HA	8	0.11
(6,1577)	1:63:A:ILE:HD13	1:113:A:PHE:HA	8	0.11
(6,1576)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	14	0.11
(6,1576)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	14	0.11
(6,1576)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	14	0.11
(6,1576)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	14	0.11
(6,1576)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	14	0.11
(6,1576)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	14	0.11
(6,1522)	1:110:A:MET:HE1	1:113:A:PHE:HA	13	0.11
(6,1522)	1:110:A:MET:HE2	1:113:A:PHE:HA	13	0.11
(6,1522)	1:110:A:MET:HE3	1:113:A:PHE:HA	13	0.11
(6,1433)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	18	0.11
(6,1433)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	18	0.11
(6,1433)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	18	0.11
(6,1418)	1:149:A:ALA:HB1	1:150:A:THR:HG21	3	0.11
(6,1418)	1:149:A:ALA:HB1	1:150:A:THR:HG22	3	0.11
(6,1418)	1:149:A:ALA:HB1	1:150:A:THR:HG23	3	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1418)	1:149:A:ALA:HB2	1:150:A:THR:HG21	3	0.11
(6,1418)	1:149:A:ALA:HB2	1:150:A:THR:HG22	3	0.11
(6,1418)	1:149:A:ALA:HB2	1:150:A:THR:HG23	3	0.11
(6,1418)	1:149:A:ALA:HB3	1:150:A:THR:HG21	3	0.11
(6,1418)	1:149:A:ALA:HB3	1:150:A:THR:HG22	3	0.11
(6,1418)	1:149:A:ALA:HB3	1:150:A:THR:HG23	3	0.11
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG21	18	0.11
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG22	18	0.11
(6,1392)	1:9:A:PHE:HD1	1:11:A:ILE:HG23	18	0.11
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG21	18	0.11
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG22	18	0.11
(6,1392)	1:9:A:PHE:HD2	1:11:A:ILE:HG23	18	0.11
(6,1356)	1:120:A:CYS:HA	1:121:A:VAL:HG11	14	0.11
(6,1356)	1:120:A:CYS:HA	1:121:A:VAL:HG12	14	0.11
(6,1356)	1:120:A:CYS:HA	1:121:A:VAL:HG13	14	0.11
(6,1151)	1:101:A:ILE:HA	1:101:A:ILE:HD11	19	0.11
(6,1151)	1:101:A:ILE:HA	1:101:A:ILE:HD12	19	0.11
(6,1151)	1:101:A:ILE:HA	1:101:A:ILE:HD13	19	0.11
(6,1134)	1:80:A:TYR:HA	1:80:A:TYR:HE1	18	0.11
(6,1134)	1:80:A:TYR:HA	1:80:A:TYR:HE2	18	0.11
(6,1111)	1:40:A:LEU:HA	1:44:A:GLU:HB2	7	0.11
(6,1111)	1:40:A:LEU:HA	1:44:A:GLU:HB3	7	0.11
(6,1111)	1:40:A:LEU:HA	1:44:A:GLU:HB2	13	0.11
(6,1111)	1:40:A:LEU:HA	1:44:A:GLU:HB3	13	0.11
(6,1044)	1:13:A:ALA:HB1	1:79:A:THR:HA	17	0.11
(6,1044)	1:13:A:ALA:HB2	1:79:A:THR:HA	17	0.11
(6,1044)	1:13:A:ALA:HB3	1:79:A:THR:HA	17	0.11
(6,1041)	1:79:A:THR:HA	1:80:A:TYR:HD1	12	0.11
(6,1041)	1:79:A:THR:HA	1:80:A:TYR:HD2	12	0.11
(6,1005)	1:27:A:ARG:HB2	1:28:A:GLY:HA2	17	0.11
(6,1005)	1:27:A:ARG:HB2	1:28:A:GLY:HA3	17	0.11
(6,898)	1:149:A:ALA:HB1	1:150:A:THR:HB	17	0.11
(6,898)	1:149:A:ALA:HB2	1:150:A:THR:HB	17	0.11
(6,898)	1:149:A:ALA:HB3	1:150:A:THR:HB	17	0.11
(6,843)	1:71:A:LYS:HE2	1:72:A:PHE:HE1	11	0.11
(6,843)	1:71:A:LYS:HE2	1:72:A:PHE:HE2	11	0.11
(6,843)	1:71:A:LYS:HE3	1:72:A:PHE:HE1	11	0.11
(6,843)	1:71:A:LYS:HE3	1:72:A:PHE:HE2	11	0.11
(6,787)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	4	0.11
(6,787)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	4	0.11
(6,787)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	4	0.11
(6,787)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	4	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,787)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	4	0.11
(6,787)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	4	0.11
(6,787)	1:11:A:ILE:HD11	1:44:A:GLU:HB2	12	0.11
(6,787)	1:11:A:ILE:HD11	1:44:A:GLU:HB3	12	0.11
(6,787)	1:11:A:ILE:HD12	1:44:A:GLU:HB2	12	0.11
(6,787)	1:11:A:ILE:HD12	1:44:A:GLU:HB3	12	0.11
(6,787)	1:11:A:ILE:HD13	1:44:A:GLU:HB2	12	0.11
(6,787)	1:11:A:ILE:HD13	1:44:A:GLU:HB3	12	0.11
(6,756)	1:41:A:LYS:HG2	1:42:A:GLU:H	19	0.11
(6,733)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	5	0.11
(6,733)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	5	0.11
(6,718)	1:46:A:ASN:HA	1:50:A:ALA:H	3	0.11
(6,691)	1:98:A:ILE:H	1:100:A:ALA:H	10	0.11
(6,668)	1:124:A:THR:H	1:126:A:GLY:H	8	0.11
(6,648)	1:101:A:ILE:H	1:104:A:PHE:HB3	13	0.11
(6,637)	1:66:A:THR:H	1:69:A:MET:HA	14	0.11
(6,508)	1:71:A:LYS:H	1:72:A:PHE:HB2	11	0.11
(6,482)	1:79:A:THR:H	1:79:A:THR:HG21	13	0.11
(6,482)	1:79:A:THR:H	1:79:A:THR:HG22	13	0.11
(6,482)	1:79:A:THR:H	1:79:A:THR:HG23	13	0.11
(6,364)	1:70:A:LYS:H	1:73:A:ILE:HD11	12	0.11
(6,364)	1:70:A:LYS:H	1:73:A:ILE:HD12	12	0.11
(6,364)	1:70:A:LYS:H	1:73:A:ILE:HD13	12	0.11
(6,360)	1:69:A:MET:HE1	1:70:A:LYS:H	14	0.11
(6,360)	1:69:A:MET:HE2	1:70:A:LYS:H	14	0.11
(6,360)	1:69:A:MET:HE3	1:70:A:LYS:H	14	0.11
(6,292)	1:128:A:LEU:HB3	1:129:A:LYS:H	7	0.11
(6,292)	1:128:A:LEU:HB3	1:129:A:LYS:H	12	0.11
(6,284)	1:50:A:ALA:HB1	1:52:A:CYS:H	9	0.11
(6,284)	1:50:A:ALA:HB2	1:52:A:CYS:H	9	0.11
(6,284)	1:50:A:ALA:HB3	1:52:A:CYS:H	9	0.11
(6,283)	1:117:A:VAL:HG11	1:118:A:ASP:H	2	0.11
(6,283)	1:117:A:VAL:HG12	1:118:A:ASP:H	2	0.11
(6,283)	1:117:A:VAL:HG13	1:118:A:ASP:H	2	0.11
(6,216)	1:44:A:GLU:HB2	1:48:A:ARG:H	9	0.11
(6,216)	1:44:A:GLU:HB3	1:48:A:ARG:H	9	0.11
(6,125)	1:46:A:ASN:HB3	1:49:A:LYS:H	4	0.11
(6,93)	1:96:A:VAL:HB	1:97:A:ASP:H	11	0.11
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD11	6	0.11
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD12	6	0.11
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD13	6	0.11
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD21	6	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD22	6	0.11
(5,2423)	1:136:A:CYS:HA	1:140:A:LEU:HD23	6	0.11
(5,2328)	1:107:A:LEU:HD11	1:111:A:GLU:H	3	0.11
(5,2328)	1:107:A:LEU:HD12	1:111:A:GLU:H	3	0.11
(5,2328)	1:107:A:LEU:HD13	1:111:A:GLU:H	3	0.11
(5,2328)	1:107:A:LEU:HD21	1:111:A:GLU:H	3	0.11
(5,2328)	1:107:A:LEU:HD22	1:111:A:GLU:H	3	0.11
(5,2328)	1:107:A:LEU:HD23	1:111:A:GLU:H	3	0.11
(5,2299)	1:98:A:ILE:HD11	1:119:A:LEU:HD11	5	0.11
(5,2299)	1:98:A:ILE:HD11	1:119:A:LEU:HD12	5	0.11
(5,2299)	1:98:A:ILE:HD11	1:119:A:LEU:HD13	5	0.11
(5,2299)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	5	0.11
(5,2299)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	5	0.11
(5,2299)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	5	0.11
(5,2299)	1:98:A:ILE:HD12	1:119:A:LEU:HD11	5	0.11
(5,2299)	1:98:A:ILE:HD12	1:119:A:LEU:HD12	5	0.11
(5,2299)	1:98:A:ILE:HD12	1:119:A:LEU:HD13	5	0.11
(5,2299)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	5	0.11
(5,2299)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	5	0.11
(5,2299)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	5	0.11
(5,2299)	1:98:A:ILE:HD13	1:119:A:LEU:HD11	5	0.11
(5,2299)	1:98:A:ILE:HD13	1:119:A:LEU:HD12	5	0.11
(5,2299)	1:98:A:ILE:HD13	1:119:A:LEU:HD13	5	0.11
(5,2299)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	5	0.11
(5,2299)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	5	0.11
(5,2299)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	5	0.11
(5,2287)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	5	0.11
(5,2287)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	5	0.11
(5,2287)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	5	0.11
(5,2287)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	5	0.11
(5,2287)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	5	0.11
(5,2287)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	5	0.11
(5,2287)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	5	0.11
(5,2287)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	5	0.11
(5,2287)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	5	0.11
(5,2287)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	5	0.11
(5,2287)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	5	0.11
(5,2287)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	5	0.11
(5,2232)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	6	0.11
(5,2232)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	6	0.11
(5,2226)	1:65:A:CYS:HB2	1:70:A:LYS:HA	9	0.11
(5,2226)	1:65:A:CYS:HB3	1:70:A:LYS:HA	9	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2223)	1:65:A:CYS:HB2	1:69:A:MET:HG2	9	0.11
(5,2223)	1:65:A:CYS:HB2	1:69:A:MET:HG3	9	0.11
(5,2223)	1:65:A:CYS:HB3	1:69:A:MET:HG2	9	0.11
(5,2223)	1:65:A:CYS:HB3	1:69:A:MET:HG3	9	0.11
(5,2223)	1:65:A:CYS:HB2	1:69:A:MET:HG2	11	0.11
(5,2223)	1:65:A:CYS:HB2	1:69:A:MET:HG3	11	0.11
(5,2223)	1:65:A:CYS:HB3	1:69:A:MET:HG2	11	0.11
(5,2223)	1:65:A:CYS:HB3	1:69:A:MET:HG3	11	0.11
(5,2222)	1:65:A:CYS:HB2	1:66:A:THR:HG21	17	0.11
(5,2222)	1:65:A:CYS:HB2	1:66:A:THR:HG22	17	0.11
(5,2222)	1:65:A:CYS:HB2	1:66:A:THR:HG23	17	0.11
(5,2222)	1:65:A:CYS:HB3	1:66:A:THR:HG21	17	0.11
(5,2222)	1:65:A:CYS:HB3	1:66:A:THR:HG22	17	0.11
(5,2222)	1:65:A:CYS:HB3	1:66:A:THR:HG23	17	0.11
(5,2135)	1:43:A:MET:H	1:43:A:MET:HG2	7	0.11
(5,2135)	1:43:A:MET:H	1:43:A:MET:HG3	7	0.11
(5,2091)	1:39:A:VAL:HA	1:139:A:LEU:HD11	4	0.11
(5,2091)	1:39:A:VAL:HA	1:139:A:LEU:HD12	4	0.11
(5,2091)	1:39:A:VAL:HA	1:139:A:LEU:HD13	4	0.11
(5,2091)	1:39:A:VAL:HA	1:139:A:LEU:HD21	4	0.11
(5,2091)	1:39:A:VAL:HA	1:139:A:LEU:HD22	4	0.11
(5,2091)	1:39:A:VAL:HA	1:139:A:LEU:HD23	4	0.11
(5,2044)	1:31:A:PRO:HB2	1:144:A:LEU:HB2	17	0.11
(5,2044)	1:31:A:PRO:HB2	1:144:A:LEU:HB3	17	0.11
(5,2044)	1:31:A:PRO:HB3	1:144:A:LEU:HB2	17	0.11
(5,2044)	1:31:A:PRO:HB3	1:144:A:LEU:HB3	17	0.11
(5,2010)	1:18:A:PHE:HB2	1:132:A:ALA:HA	5	0.11
(5,2010)	1:18:A:PHE:HB3	1:132:A:ALA:HA	5	0.11
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG11	4	0.11
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG12	4	0.11
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG13	4	0.11
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG21	4	0.11
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG22	4	0.11
(5,2004)	1:17:A:ASN:HB2	1:117:A:VAL:HG23	4	0.11
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG11	4	0.11
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG12	4	0.11
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG13	4	0.11
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG21	4	0.11
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG22	4	0.11
(5,2004)	1:17:A:ASN:HB3	1:117:A:VAL:HG23	4	0.11
(5,1989)	1:15:A:ALA:H	1:17:A:ASN:HD21	19	0.11
(5,1989)	1:15:A:ALA:H	1:17:A:ASN:HD22	19	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1985)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	8	0.11
(5,1985)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	8	0.11
(5,1985)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	8	0.11
(5,1985)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	8	0.11
(5,1985)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	8	0.11
(5,1985)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	8	0.11
(5,1968)	1:11:A:ILE:HG21	1:43:A:MET:HG2	11	0.11
(5,1968)	1:11:A:ILE:HG21	1:43:A:MET:HG3	11	0.11
(5,1968)	1:11:A:ILE:HG22	1:43:A:MET:HG2	11	0.11
(5,1968)	1:11:A:ILE:HG22	1:43:A:MET:HG3	11	0.11
(5,1968)	1:11:A:ILE:HG23	1:43:A:MET:HG2	11	0.11
(5,1968)	1:11:A:ILE:HG23	1:43:A:MET:HG3	11	0.11
(5,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD11	6	0.11
(5,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD12	6	0.11
(5,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD13	6	0.11
(5,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD21	6	0.11
(5,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD22	6	0.11
(5,1947)	1:9:A:PHE:HD1	1:57:A:LEU:HD23	6	0.11
(5,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD11	6	0.11
(5,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD12	6	0.11
(5,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD13	6	0.11
(5,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD21	6	0.11
(5,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD22	6	0.11
(5,1947)	1:9:A:PHE:HD2	1:57:A:LEU:HD23	6	0.11
(5,1893)	1:9:A:PHE:HE1	1:14:A:VAL:HB	17	0.11
(5,1893)	1:9:A:PHE:HE2	1:14:A:VAL:HB	17	0.11
(5,1831)	1:104:A:PHE:HE1	1:105:A:LYS:HA	11	0.11
(5,1831)	1:104:A:PHE:HE2	1:105:A:LYS:HA	11	0.11
(5,1798)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	16	0.11
(5,1798)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	16	0.11
(5,1752)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	19	0.11
(5,1752)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	19	0.11
(5,1752)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	19	0.11
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	2	0.11
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	2	0.11
(5,1731)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	2	0.11
(5,1711)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.11
(5,1711)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.11
(5,1711)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.11
(5,1678)	1:69:A:MET:H	1:69:A:MET:HE1	14	0.11
(5,1678)	1:69:A:MET:H	1:69:A:MET:HE2	14	0.11
(5,1678)	1:69:A:MET:H	1:69:A:MET:HE3	14	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1662)	1:46:A:ASN:HB2	1:134:A:VAL:HG21	4	0.11
(5,1662)	1:46:A:ASN:HB2	1:134:A:VAL:HG22	4	0.11
(5,1662)	1:46:A:ASN:HB2	1:134:A:VAL:HG23	4	0.11
(5,1642)	1:79:A:THR:H	1:80:A:TYR:HA	2	0.11
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD11	19	0.11
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD12	19	0.11
(5,1633)	1:26:A:ASP:H	1:30:A:LEU:HD13	19	0.11
(5,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	1	0.11
(5,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	1	0.11
(5,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	1	0.11
(5,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	6	0.11
(5,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	6	0.11
(5,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	6	0.11
(5,1590)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	14	0.11
(5,1590)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	14	0.11
(5,1590)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	14	0.11
(5,1590)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	14	0.11
(5,1590)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	14	0.11
(5,1590)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	14	0.11
(5,1577)	1:9:A:PHE:HB2	1:14:A:VAL:HG21	3	0.11
(5,1577)	1:9:A:PHE:HB2	1:14:A:VAL:HG22	3	0.11
(5,1577)	1:9:A:PHE:HB2	1:14:A:VAL:HG23	3	0.11
(5,1531)	1:11:A:ILE:HG21	1:43:A:MET:HE1	12	0.11
(5,1531)	1:11:A:ILE:HG21	1:43:A:MET:HE2	12	0.11
(5,1531)	1:11:A:ILE:HG21	1:43:A:MET:HE3	12	0.11
(5,1531)	1:11:A:ILE:HG22	1:43:A:MET:HE1	12	0.11
(5,1531)	1:11:A:ILE:HG22	1:43:A:MET:HE2	12	0.11
(5,1531)	1:11:A:ILE:HG22	1:43:A:MET:HE3	12	0.11
(5,1531)	1:11:A:ILE:HG23	1:43:A:MET:HE1	12	0.11
(5,1531)	1:11:A:ILE:HG23	1:43:A:MET:HE2	12	0.11
(5,1531)	1:11:A:ILE:HG23	1:43:A:MET:HE3	12	0.11
(5,1496)	1:101:A:ILE:HG21	1:116:A:GLN:H	2	0.11
(5,1496)	1:101:A:ILE:HG22	1:116:A:GLN:H	2	0.11
(5,1496)	1:101:A:ILE:HG23	1:116:A:GLN:H	2	0.11
(5,1496)	1:101:A:ILE:HG21	1:116:A:GLN:H	18	0.11
(5,1496)	1:101:A:ILE:HG22	1:116:A:GLN:H	18	0.11
(5,1496)	1:101:A:ILE:HG23	1:116:A:GLN:H	18	0.11
(5,1464)	1:50:A:ALA:HB1	1:130:A:GLY:H	5	0.11
(5,1464)	1:50:A:ALA:HB2	1:130:A:GLY:H	5	0.11
(5,1464)	1:50:A:ALA:HB3	1:130:A:GLY:H	5	0.11
(5,1462)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	5	0.11
(5,1462)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	5	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1455)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	18	0.11
(5,1455)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	18	0.11
(5,1455)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	18	0.11
(5,1385)	1:46:A:ASN:HB2	1:134:A:VAL:HG11	1	0.11
(5,1385)	1:46:A:ASN:HB2	1:134:A:VAL:HG12	1	0.11
(5,1385)	1:46:A:ASN:HB2	1:134:A:VAL:HG13	1	0.11
(5,1377)	1:120:A:CYS:HA	1:121:A:VAL:HG11	14	0.11
(5,1377)	1:120:A:CYS:HA	1:121:A:VAL:HG12	14	0.11
(5,1377)	1:120:A:CYS:HA	1:121:A:VAL:HG13	14	0.11
(5,1314)	1:18:A:PHE:HZ	1:60:A:LEU:HD21	14	0.11
(5,1314)	1:18:A:PHE:HZ	1:60:A:LEU:HD22	14	0.11
(5,1314)	1:18:A:PHE:HZ	1:60:A:LEU:HD23	14	0.11
(5,1280)	1:18:A:PHE:HE1	1:117:A:VAL:HG11	8	0.11
(5,1280)	1:18:A:PHE:HE1	1:117:A:VAL:HG12	8	0.11
(5,1280)	1:18:A:PHE:HE1	1:117:A:VAL:HG13	8	0.11
(5,1280)	1:18:A:PHE:HE2	1:117:A:VAL:HG11	8	0.11
(5,1280)	1:18:A:PHE:HE2	1:117:A:VAL:HG12	8	0.11
(5,1280)	1:18:A:PHE:HE2	1:117:A:VAL:HG13	8	0.11
(5,1258)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	2	0.11
(5,1258)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	2	0.11
(5,1258)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	2	0.11
(5,1258)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	2	0.11
(5,1258)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	2	0.11
(5,1258)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	2	0.11
(5,1258)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	2	0.11
(5,1258)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	2	0.11
(5,1258)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	2	0.11
(5,1172)	1:101:A:ILE:HA	1:101:A:ILE:HD11	19	0.11
(5,1172)	1:101:A:ILE:HA	1:101:A:ILE:HD12	19	0.11
(5,1172)	1:101:A:ILE:HA	1:101:A:ILE:HD13	19	0.11
(5,1163)	1:145:A:PRO:HB2	1:146:A:GLN:HA	15	0.11
(5,1136)	1:40:A:LEU:HA	1:43:A:MET:HG3	9	0.11
(5,1068)	1:13:A:ALA:HB1	1:79:A:THR:HA	17	0.11
(5,1068)	1:13:A:ALA:HB2	1:79:A:THR:HA	17	0.11
(5,1068)	1:13:A:ALA:HB3	1:79:A:THR:HA	17	0.11
(5,1064)	1:79:A:THR:HA	1:80:A:TYR:HD1	12	0.11
(5,1064)	1:79:A:THR:HA	1:80:A:TYR:HD2	12	0.11
(5,1024)	1:27:A:ARG:HB2	1:28:A:GLY:HA2	17	0.11
(5,1024)	1:27:A:ARG:HB2	1:28:A:GLY:HA3	17	0.11
(5,1021)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	16	0.11
(5,1021)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	16	0.11
(5,904)	1:149:A:ALA:HB1	1:150:A:THR:HB	17	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,904)	1:149:A:ALA:HB2	1:150:A:THR:HB	17	0.11
(5,904)	1:149:A:ALA:HB3	1:150:A:THR:HB	17	0.11
(5,892)	1:69:A:MET:HE1	1:73:A:ILE:HB	2	0.11
(5,892)	1:69:A:MET:HE2	1:73:A:ILE:HB	2	0.11
(5,892)	1:69:A:MET:HE3	1:73:A:ILE:HB	2	0.11
(5,890)	1:73:A:ILE:HB	1:76:A:ARG:HA	4	0.11
(5,864)	1:57:A:LEU:HA	1:60:A:LEU:HB3	13	0.11
(5,782)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	14	0.11
(5,782)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	14	0.11
(5,782)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	14	0.11
(5,759)	1:41:A:LYS:HG2	1:42:A:GLU:H	19	0.11
(5,697)	1:98:A:ILE:H	1:100:A:ALA:H	10	0.11
(5,694)	1:56:A:CYS:H	1:122:A:ASP:HB2	13	0.11
(5,643)	1:66:A:THR:H	1:69:A:MET:HA	14	0.11
(5,609)	1:55:A:GLY:H	1:58:A:ILE:HB	6	0.11
(5,576)	1:116:A:GLN:HB2	1:116:A:GLN:HE22	2	0.11
(5,576)	1:116:A:GLN:HB3	1:116:A:GLN:HE22	2	0.11
(5,576)	1:116:A:GLN:HB2	1:116:A:GLN:HE22	9	0.11
(5,576)	1:116:A:GLN:HB3	1:116:A:GLN:HE22	9	0.11
(5,576)	1:116:A:GLN:HB2	1:116:A:GLN:HE22	12	0.11
(5,576)	1:116:A:GLN:HB3	1:116:A:GLN:HE22	12	0.11
(5,545)	1:73:A:ILE:HD11	1:110:A:MET:H	13	0.11
(5,545)	1:73:A:ILE:HD12	1:110:A:MET:H	13	0.11
(5,545)	1:73:A:ILE:HD13	1:110:A:MET:H	13	0.11
(5,511)	1:67:A:PRO:HA	1:71:A:LYS:H	14	0.11
(5,360)	1:70:A:LYS:H	1:73:A:ILE:HD11	12	0.11
(5,360)	1:70:A:LYS:H	1:73:A:ILE:HD12	12	0.11
(5,360)	1:70:A:LYS:H	1:73:A:ILE:HD13	12	0.11
(5,329)	1:57:A:LEU:H	1:58:A:ILE:HB	3	0.11
(5,327)	1:122:A:ASP:H	1:123:A:CYS:HA	12	0.11
(5,320)	1:140:A:LEU:H	1:140:A:LEU:HG	1	0.11
(5,311)	1:56:A:CYS:HA	1:122:A:ASP:H	11	0.11
(5,292)	1:128:A:LEU:HB3	1:129:A:LYS:H	7	0.11
(5,292)	1:128:A:LEU:HB3	1:129:A:LYS:H	12	0.11
(5,285)	1:50:A:ALA:HB1	1:52:A:CYS:H	9	0.11
(5,285)	1:50:A:ALA:HB2	1:52:A:CYS:H	9	0.11
(5,285)	1:50:A:ALA:HB3	1:52:A:CYS:H	9	0.11
(5,242)	1:58:A:ILE:H	1:58:A:ILE:HD11	7	0.11
(5,242)	1:58:A:ILE:H	1:58:A:ILE:HD12	7	0.11
(5,242)	1:58:A:ILE:H	1:58:A:ILE:HD13	7	0.11
(5,233)	1:47:A:ALA:HB1	1:50:A:ALA:H	5	0.11
(5,233)	1:47:A:ALA:HB2	1:50:A:ALA:H	5	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,233)	1:47:A:ALA:HB3	1:50:A:ALA:H	5	0.11
(5,185)	1:44:A:GLU:H	1:44:A:GLU:HG3	14	0.11
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD11	5	0.11
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD12	5	0.11
(5,170)	1:8:A:ASP:H	1:58:A:ILE:HD13	5	0.11
(5,111)	1:22:A:ASP:H	1:23:A:LEU:HB2	12	0.11
(5,111)	1:22:A:ASP:H	1:23:A:LEU:HB3	12	0.11
(5,84)	1:151:A:PHE:H	1:151:A:PHE:HD1	8	0.11
(5,84)	1:151:A:PHE:H	1:151:A:PHE:HD2	8	0.11
(5,64)	1:13:A:ALA:HB1	1:81:A:GLU:H	12	0.11
(5,64)	1:13:A:ALA:HB2	1:81:A:GLU:H	12	0.11
(5,64)	1:13:A:ALA:HB3	1:81:A:GLU:H	12	0.11
(5,63)	1:115:A:ALA:HB1	1:117:A:VAL:H	15	0.11
(5,63)	1:115:A:ALA:HB2	1:117:A:VAL:H	15	0.11
(5,63)	1:115:A:ALA:HB3	1:117:A:VAL:H	15	0.11
(5,27)	1:13:A:ALA:H	1:14:A:VAL:HB	16	0.11
(5,13)	1:63:A:ILE:HB	1:64:A:LYS:H	11	0.11
(5,11)	1:64:A:LYS:H	1:64:A:LYS:HE2	9	0.11
(5,11)	1:64:A:LYS:H	1:64:A:LYS:HE3	9	0.11
(4,2462)	1:140:A:LEU:HD11	1:143:A:TRP:HB2	18	0.11
(4,2462)	1:140:A:LEU:HD12	1:143:A:TRP:HB2	18	0.11
(4,2462)	1:140:A:LEU:HD13	1:143:A:TRP:HB2	18	0.11
(4,2462)	1:140:A:LEU:HD21	1:143:A:TRP:HB2	18	0.11
(4,2462)	1:140:A:LEU:HD22	1:143:A:TRP:HB2	18	0.11
(4,2462)	1:140:A:LEU:HD23	1:143:A:TRP:HB2	18	0.11
(4,2416)	1:131:A:LEU:H	1:131:A:LEU:HD11	13	0.11
(4,2416)	1:131:A:LEU:H	1:131:A:LEU:HD12	13	0.11
(4,2416)	1:131:A:LEU:H	1:131:A:LEU:HD13	13	0.11
(4,2416)	1:131:A:LEU:H	1:131:A:LEU:HD21	13	0.11
(4,2416)	1:131:A:LEU:H	1:131:A:LEU:HD22	13	0.11
(4,2416)	1:131:A:LEU:H	1:131:A:LEU:HD23	13	0.11
(4,2387)	1:119:A:LEU:HD11	1:121:A:VAL:H	13	0.11
(4,2387)	1:119:A:LEU:HD12	1:121:A:VAL:H	13	0.11
(4,2387)	1:119:A:LEU:HD13	1:121:A:VAL:H	13	0.11
(4,2387)	1:119:A:LEU:HD21	1:121:A:VAL:H	13	0.11
(4,2387)	1:119:A:LEU:HD22	1:121:A:VAL:H	13	0.11
(4,2387)	1:119:A:LEU:HD23	1:121:A:VAL:H	13	0.11
(4,2329)	1:107:A:LEU:HD11	1:111:A:GLU:H	3	0.11
(4,2329)	1:107:A:LEU:HD12	1:111:A:GLU:H	3	0.11
(4,2329)	1:107:A:LEU:HD13	1:111:A:GLU:H	3	0.11
(4,2329)	1:107:A:LEU:HD21	1:111:A:GLU:H	3	0.11
(4,2329)	1:107:A:LEU:HD22	1:111:A:GLU:H	3	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2329)	1:107:A:LEU:HD23	1:111:A:GLU:H	3	0.11
(4,2328)	1:107:A:LEU:HD11	1:108:A:GLU:HG2	6	0.11
(4,2328)	1:107:A:LEU:HD12	1:108:A:GLU:HG2	6	0.11
(4,2328)	1:107:A:LEU:HD13	1:108:A:GLU:HG2	6	0.11
(4,2328)	1:107:A:LEU:HD21	1:108:A:GLU:HG2	6	0.11
(4,2328)	1:107:A:LEU:HD22	1:108:A:GLU:HG2	6	0.11
(4,2328)	1:107:A:LEU:HD23	1:108:A:GLU:HG2	6	0.11
(4,2328)	1:107:A:LEU:HD11	1:108:A:GLU:HG3	6	0.11
(4,2328)	1:107:A:LEU:HD12	1:108:A:GLU:HG3	6	0.11
(4,2328)	1:107:A:LEU:HD13	1:108:A:GLU:HG3	6	0.11
(4,2328)	1:107:A:LEU:HD21	1:108:A:GLU:HG3	6	0.11
(4,2328)	1:107:A:LEU:HD22	1:108:A:GLU:HG3	6	0.11
(4,2328)	1:107:A:LEU:HD23	1:108:A:GLU:HG3	6	0.11
(4,2320)	1:105:A:LYS:HG2	1:106:A:ASP:HA	4	0.11
(4,2320)	1:105:A:LYS:HG3	1:106:A:ASP:HA	4	0.11
(4,2253)	1:71:A:LYS:HG2	1:72:A:PHE:HZ	13	0.11
(4,2253)	1:71:A:LYS:HG3	1:72:A:PHE:HZ	13	0.11
(4,2221)	1:65:A:CYS:HB2	1:69:A:MET:HG2	9	0.11
(4,2221)	1:65:A:CYS:HB2	1:69:A:MET:HG3	9	0.11
(4,2221)	1:65:A:CYS:HB3	1:69:A:MET:HG2	9	0.11
(4,2221)	1:65:A:CYS:HB3	1:69:A:MET:HG3	9	0.11
(4,2221)	1:65:A:CYS:HB2	1:69:A:MET:HG2	11	0.11
(4,2221)	1:65:A:CYS:HB2	1:69:A:MET:HG3	11	0.11
(4,2221)	1:65:A:CYS:HB3	1:69:A:MET:HG2	11	0.11
(4,2221)	1:65:A:CYS:HB3	1:69:A:MET:HG3	11	0.11
(4,2177)	1:55:A:GLY:HA2	1:58:A:ILE:HD11	17	0.11
(4,2177)	1:55:A:GLY:HA2	1:58:A:ILE:HD12	17	0.11
(4,2177)	1:55:A:GLY:HA2	1:58:A:ILE:HD13	17	0.11
(4,2177)	1:55:A:GLY:HA3	1:58:A:ILE:HD11	17	0.11
(4,2177)	1:55:A:GLY:HA3	1:58:A:ILE:HD12	17	0.11
(4,2177)	1:55:A:GLY:HA3	1:58:A:ILE:HD13	17	0.11
(4,2164)	1:47:A:ALA:HB1	1:131:A:LEU:HD11	10	0.11
(4,2164)	1:47:A:ALA:HB1	1:131:A:LEU:HD12	10	0.11
(4,2164)	1:47:A:ALA:HB1	1:131:A:LEU:HD13	10	0.11
(4,2164)	1:47:A:ALA:HB1	1:131:A:LEU:HD21	10	0.11
(4,2164)	1:47:A:ALA:HB1	1:131:A:LEU:HD22	10	0.11
(4,2164)	1:47:A:ALA:HB1	1:131:A:LEU:HD23	10	0.11
(4,2164)	1:47:A:ALA:HB2	1:131:A:LEU:HD11	10	0.11
(4,2164)	1:47:A:ALA:HB2	1:131:A:LEU:HD12	10	0.11
(4,2164)	1:47:A:ALA:HB2	1:131:A:LEU:HD13	10	0.11
(4,2164)	1:47:A:ALA:HB2	1:131:A:LEU:HD21	10	0.11
(4,2164)	1:47:A:ALA:HB2	1:131:A:LEU:HD22	10	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2164)	1:47:A:ALA:HB2	1:131:A:LEU:HD23	10	0.11
(4,2164)	1:47:A:ALA:HB3	1:131:A:LEU:HD11	10	0.11
(4,2164)	1:47:A:ALA:HB3	1:131:A:LEU:HD12	10	0.11
(4,2164)	1:47:A:ALA:HB3	1:131:A:LEU:HD13	10	0.11
(4,2164)	1:47:A:ALA:HB3	1:131:A:LEU:HD21	10	0.11
(4,2164)	1:47:A:ALA:HB3	1:131:A:LEU:HD22	10	0.11
(4,2164)	1:47:A:ALA:HB3	1:131:A:LEU:HD23	10	0.11
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD11	1	0.11
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD12	1	0.11
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD13	1	0.11
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD21	1	0.11
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD22	1	0.11
(4,2161)	1:47:A:ALA:H	1:131:A:LEU:HD23	1	0.11
(4,2117)	1:40:A:LEU:HA	1:40:A:LEU:HD11	12	0.11
(4,2117)	1:40:A:LEU:HA	1:40:A:LEU:HD12	12	0.11
(4,2117)	1:40:A:LEU:HA	1:40:A:LEU:HD13	12	0.11
(4,2117)	1:40:A:LEU:HA	1:40:A:LEU:HD21	12	0.11
(4,2117)	1:40:A:LEU:HA	1:40:A:LEU:HD22	12	0.11
(4,2117)	1:40:A:LEU:HA	1:40:A:LEU:HD23	12	0.11
(4,2073)	1:35:A:LEU:HD11	1:39:A:VAL:HB	4	0.11
(4,2073)	1:35:A:LEU:HD12	1:39:A:VAL:HB	4	0.11
(4,2073)	1:35:A:LEU:HD13	1:39:A:VAL:HB	4	0.11
(4,2073)	1:35:A:LEU:HD21	1:39:A:VAL:HB	4	0.11
(4,2073)	1:35:A:LEU:HD22	1:39:A:VAL:HB	4	0.11
(4,2073)	1:35:A:LEU:HD23	1:39:A:VAL:HB	4	0.11
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD11	16	0.11
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD12	16	0.11
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD13	16	0.11
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD21	16	0.11
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD22	16	0.11
(4,2031)	1:22:A:ASP:HA	1:23:A:LEU:HD23	16	0.11
(4,2030)	1:22:A:ASP:H	1:23:A:LEU:HD11	10	0.11
(4,2030)	1:22:A:ASP:H	1:23:A:LEU:HD12	10	0.11
(4,2030)	1:22:A:ASP:H	1:23:A:LEU:HD13	10	0.11
(4,2030)	1:22:A:ASP:H	1:23:A:LEU:HD21	10	0.11
(4,2030)	1:22:A:ASP:H	1:23:A:LEU:HD22	10	0.11
(4,2030)	1:22:A:ASP:H	1:23:A:LEU:HD23	10	0.11
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG11	4	0.11
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG12	4	0.11
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG13	4	0.11
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG21	4	0.11
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG22	4	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2015)	1:18:A:PHE:HD1	1:117:A:VAL:HG23	4	0.11
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG11	4	0.11
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG12	4	0.11
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG13	4	0.11
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG21	4	0.11
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG22	4	0.11
(4,2015)	1:18:A:PHE:HD2	1:117:A:VAL:HG23	4	0.11
(4,1983)	1:14:A:VAL:HG11	1:60:A:LEU:H	12	0.11
(4,1983)	1:14:A:VAL:HG12	1:60:A:LEU:H	12	0.11
(4,1983)	1:14:A:VAL:HG13	1:60:A:LEU:H	12	0.11
(4,1983)	1:14:A:VAL:HG21	1:60:A:LEU:H	12	0.11
(4,1983)	1:14:A:VAL:HG22	1:60:A:LEU:H	12	0.11
(4,1983)	1:14:A:VAL:HG23	1:60:A:LEU:H	12	0.11
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD11	6	0.11
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD12	6	0.11
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD13	6	0.11
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD21	6	0.11
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD22	6	0.11
(4,1970)	1:14:A:VAL:H	1:131:A:LEU:HD23	6	0.11
(4,1901)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	3	0.11
(4,1901)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	3	0.11
(4,1901)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	18	0.11
(4,1901)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	18	0.11
(4,1897)	1:14:A:VAL:HB	1:18:A:PHE:HZ	17	0.11
(4,1879)	1:113:A:PHE:HE1	1:114:A:ILE:HG13	7	0.11
(4,1879)	1:113:A:PHE:HE2	1:114:A:ILE:HG13	7	0.11
(4,1878)	1:150:A:THR:H	1:151:A:PHE:HD1	18	0.11
(4,1878)	1:150:A:THR:H	1:151:A:PHE:HD2	18	0.11
(4,1877)	1:76:A:ARG:HG2	1:113:A:PHE:HD1	16	0.11
(4,1877)	1:76:A:ARG:HG2	1:113:A:PHE:HD2	16	0.11
(4,1877)	1:76:A:ARG:HG3	1:113:A:PHE:HD1	16	0.11
(4,1877)	1:76:A:ARG:HG3	1:113:A:PHE:HD2	16	0.11
(4,1843)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	4	0.11
(4,1843)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	4	0.11
(4,1821)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	10	0.11
(4,1821)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	10	0.11
(4,1821)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	10	0.11
(4,1806)	1:71:A:LYS:HE2	1:72:A:PHE:HZ	7	0.11
(4,1806)	1:71:A:LYS:HE3	1:72:A:PHE:HZ	7	0.11
(4,1750)	1:104:A:PHE:HZ	1:116:A:GLN:HG2	17	0.11
(4,1683)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	2	0.11
(4,1668)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1668)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.11
(4,1668)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.11
(4,1647)	1:107:A:LEU:H	1:111:A:GLU:HB2	5	0.11
(4,1647)	1:107:A:LEU:H	1:111:A:GLU:HB3	5	0.11
(4,1637)	1:69:A:MET:H	1:69:A:MET:HE1	14	0.11
(4,1637)	1:69:A:MET:H	1:69:A:MET:HE2	14	0.11
(4,1637)	1:69:A:MET:H	1:69:A:MET:HE3	14	0.11
(4,1632)	1:15:A:ALA:HB1	1:134:A:VAL:HG21	7	0.11
(4,1632)	1:15:A:ALA:HB1	1:134:A:VAL:HG22	7	0.11
(4,1632)	1:15:A:ALA:HB1	1:134:A:VAL:HG23	7	0.11
(4,1632)	1:15:A:ALA:HB2	1:134:A:VAL:HG21	7	0.11
(4,1632)	1:15:A:ALA:HB2	1:134:A:VAL:HG22	7	0.11
(4,1632)	1:15:A:ALA:HB2	1:134:A:VAL:HG23	7	0.11
(4,1632)	1:15:A:ALA:HB3	1:134:A:VAL:HG21	7	0.11
(4,1632)	1:15:A:ALA:HB3	1:134:A:VAL:HG22	7	0.11
(4,1632)	1:15:A:ALA:HB3	1:134:A:VAL:HG23	7	0.11
(4,1623)	1:46:A:ASN:HD21	1:134:A:VAL:HG11	7	0.11
(4,1623)	1:46:A:ASN:HD21	1:134:A:VAL:HG12	7	0.11
(4,1623)	1:46:A:ASN:HD21	1:134:A:VAL:HG13	7	0.11
(4,1605)	1:79:A:THR:H	1:80:A:TYR:HA	2	0.11
(4,1517)	1:76:A:ARG:HG2	1:110:A:MET:HE1	11	0.11
(4,1517)	1:76:A:ARG:HG2	1:110:A:MET:HE2	11	0.11
(4,1517)	1:76:A:ARG:HG2	1:110:A:MET:HE3	11	0.11
(4,1517)	1:76:A:ARG:HG3	1:110:A:MET:HE1	11	0.11
(4,1517)	1:76:A:ARG:HG3	1:110:A:MET:HE2	11	0.11
(4,1517)	1:76:A:ARG:HG3	1:110:A:MET:HE3	11	0.11
(4,1507)	1:110:A:MET:HE1	1:113:A:PHE:HA	13	0.11
(4,1507)	1:110:A:MET:HE2	1:113:A:PHE:HA	13	0.11
(4,1507)	1:110:A:MET:HE3	1:113:A:PHE:HA	13	0.11
(4,1496)	1:69:A:MET:HE1	1:110:A:MET:H	11	0.11
(4,1496)	1:69:A:MET:HE2	1:110:A:MET:H	11	0.11
(4,1496)	1:69:A:MET:HE3	1:110:A:MET:H	11	0.11
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB1	5	0.11
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB2	5	0.11
(4,1469)	1:44:A:GLU:HG2	1:47:A:ALA:HB3	5	0.11
(4,1461)	1:101:A:ILE:HG21	1:116:A:GLN:H	2	0.11
(4,1461)	1:101:A:ILE:HG22	1:116:A:GLN:H	2	0.11
(4,1461)	1:101:A:ILE:HG23	1:116:A:GLN:H	2	0.11
(4,1461)	1:101:A:ILE:HG21	1:116:A:GLN:H	18	0.11
(4,1461)	1:101:A:ILE:HG22	1:116:A:GLN:H	18	0.11
(4,1461)	1:101:A:ILE:HG23	1:116:A:GLN:H	18	0.11
(4,1457)	1:101:A:ILE:HG21	1:115:A:ALA:H	5	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1457)	1:101:A:ILE:HG22	1:115:A:ALA:H	5	0.11
(4,1457)	1:101:A:ILE:HG23	1:115:A:ALA:H	5	0.11
(4,1457)	1:101:A:ILE:HG21	1:115:A:ALA:H	11	0.11
(4,1457)	1:101:A:ILE:HG22	1:115:A:ALA:H	11	0.11
(4,1457)	1:101:A:ILE:HG23	1:115:A:ALA:H	11	0.11
(4,1441)	1:13:A:ALA:HB1	1:79:A:THR:HB	15	0.11
(4,1441)	1:13:A:ALA:HB2	1:79:A:THR:HB	15	0.11
(4,1441)	1:13:A:ALA:HB3	1:79:A:THR:HB	15	0.11
(4,1428)	1:50:A:ALA:HB1	1:130:A:GLY:H	5	0.11
(4,1428)	1:50:A:ALA:HB2	1:130:A:GLY:H	5	0.11
(4,1428)	1:50:A:ALA:HB3	1:130:A:GLY:H	5	0.11
(4,1419)	1:115:A:ALA:HB1	1:116:A:GLN:HG3	18	0.11
(4,1419)	1:115:A:ALA:HB2	1:116:A:GLN:HG3	18	0.11
(4,1419)	1:115:A:ALA:HB3	1:116:A:GLN:HG3	18	0.11
(4,1414)	1:50:A:ALA:HB1	1:127:A:CYS:HA	18	0.11
(4,1414)	1:50:A:ALA:HB2	1:127:A:CYS:HA	18	0.11
(4,1414)	1:50:A:ALA:HB3	1:127:A:CYS:HA	18	0.11
(4,1385)	1:129:A:LYS:HA	1:132:A:ALA:HB1	2	0.11
(4,1385)	1:129:A:LYS:HA	1:132:A:ALA:HB2	2	0.11
(4,1385)	1:129:A:LYS:HA	1:132:A:ALA:HB3	2	0.11
(4,1269)	1:128:A:LEU:HD21	1:129:A:LYS:H	11	0.11
(4,1269)	1:128:A:LEU:HD22	1:129:A:LYS:H	11	0.11
(4,1269)	1:128:A:LEU:HD23	1:129:A:LYS:H	11	0.11
(4,1267)	1:66:A:THR:HG21	1:70:A:LYS:H	11	0.11
(4,1267)	1:66:A:THR:HG22	1:70:A:LYS:H	11	0.11
(4,1267)	1:66:A:THR:HG23	1:70:A:LYS:H	11	0.11
(4,1219)	1:38:A:GLU:HB2	1:139:A:LEU:HD21	8	0.11
(4,1219)	1:38:A:GLU:HB2	1:139:A:LEU:HD22	8	0.11
(4,1219)	1:38:A:GLU:HB2	1:139:A:LEU:HD23	8	0.11
(4,1214)	1:39:A:VAL:H	1:139:A:LEU:HD21	4	0.11
(4,1214)	1:39:A:VAL:H	1:139:A:LEU:HD22	4	0.11
(4,1214)	1:39:A:VAL:H	1:139:A:LEU:HD23	4	0.11
(4,1202)	1:31:A:PRO:HD2	1:144:A:LEU:HD11	15	0.11
(4,1202)	1:31:A:PRO:HD2	1:144:A:LEU:HD12	15	0.11
(4,1202)	1:31:A:PRO:HD2	1:144:A:LEU:HD13	15	0.11
(4,1151)	1:136:A:CYS:HA	1:140:A:LEU:HD21	1	0.11
(4,1151)	1:136:A:CYS:HA	1:140:A:LEU:HD22	1	0.11
(4,1151)	1:136:A:CYS:HA	1:140:A:LEU:HD23	1	0.11
(4,1143)	1:101:A:ILE:HA	1:101:A:ILE:HD11	19	0.11
(4,1143)	1:101:A:ILE:HA	1:101:A:ILE:HD12	19	0.11
(4,1143)	1:101:A:ILE:HA	1:101:A:ILE:HD13	19	0.11
(4,1110)	1:40:A:LEU:HA	1:44:A:GLU:HB2	7	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1110)	1:40:A:LEU:HA	1:44:A:GLU:HB3	7	0.11
(4,1110)	1:40:A:LEU:HA	1:44:A:GLU:HB2	13	0.11
(4,1110)	1:40:A:LEU:HA	1:44:A:GLU:HB3	13	0.11
(4,1084)	1:42:A:GLU:HA	1:44:A:GLU:H	15	0.11
(4,1026)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	2	0.11
(4,1026)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	2	0.11
(4,1026)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	2	0.11
(4,1026)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	2	0.11
(4,1026)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	2	0.11
(4,1026)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	2	0.11
(4,1025)	1:20:A:THR:HG21	1:21:A:THR:HA	4	0.11
(4,1025)	1:20:A:THR:HG22	1:21:A:THR:HA	4	0.11
(4,1025)	1:20:A:THR:HG23	1:21:A:THR:HA	4	0.11
(4,1025)	1:20:A:THR:HG21	1:21:A:THR:HA	13	0.11
(4,1025)	1:20:A:THR:HG22	1:21:A:THR:HA	13	0.11
(4,1025)	1:20:A:THR:HG23	1:21:A:THR:HA	13	0.11
(4,1005)	1:34:A:LYS:H	1:81:A:GLU:HB3	8	0.11
(4,1003)	1:149:A:ALA:HB1	1:150:A:THR:HA	13	0.11
(4,1003)	1:149:A:ALA:HB2	1:150:A:THR:HA	13	0.11
(4,1003)	1:149:A:ALA:HB3	1:150:A:THR:HA	13	0.11
(4,914)	1:125:A:THR:HB	1:129:A:LYS:HB2	19	0.11
(4,914)	1:125:A:THR:HB	1:129:A:LYS:HB3	19	0.11
(4,848)	1:71:A:LYS:HE2	1:72:A:PHE:HE1	11	0.11
(4,848)	1:71:A:LYS:HE2	1:72:A:PHE:HE2	11	0.11
(4,848)	1:71:A:LYS:HE3	1:72:A:PHE:HE1	11	0.11
(4,848)	1:71:A:LYS:HE3	1:72:A:PHE:HE2	11	0.11
(4,838)	1:48:A:ARG:HA	1:48:A:ARG:HD2	15	0.11
(4,838)	1:48:A:ARG:HA	1:48:A:ARG:HD3	15	0.11
(4,834)	1:103:A:ARG:HA	1:103:A:ARG:HD2	19	0.11
(4,834)	1:103:A:ARG:HA	1:103:A:ARG:HD3	19	0.11
(4,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB2	10	0.11
(4,822)	1:64:A:LYS:HE2	1:97:A:ASP:HB3	10	0.11
(4,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB2	10	0.11
(4,822)	1:64:A:LYS:HE3	1:97:A:ASP:HB3	10	0.11
(4,815)	1:98:A:ILE:HD11	1:116:A:GLN:HG3	14	0.11
(4,815)	1:98:A:ILE:HD12	1:116:A:GLN:HG3	14	0.11
(4,815)	1:98:A:ILE:HD13	1:116:A:GLN:HG3	14	0.11
(4,753)	1:41:A:LYS:HG2	1:42:A:GLU:H	19	0.11
(4,689)	1:98:A:ILE:H	1:100:A:ALA:H	10	0.11
(4,665)	1:124:A:THR:H	1:126:A:GLY:H	8	0.11
(4,632)	1:66:A:THR:H	1:69:A:MET:HA	14	0.11
(4,550)	1:133:A:ASN:HB2	1:133:A:ASN:HD22	7	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,543)	1:73:A:ILE:HD11	1:110:A:MET:H	13	0.11
(4,543)	1:73:A:ILE:HD12	1:110:A:MET:H	13	0.11
(4,543)	1:73:A:ILE:HD13	1:110:A:MET:H	13	0.11
(4,362)	1:41:A:LYS:H	1:44:A:GLU:HB2	14	0.11
(4,362)	1:41:A:LYS:H	1:44:A:GLU:HB3	14	0.11
(4,356)	1:70:A:LYS:H	1:73:A:ILE:HD11	12	0.11
(4,356)	1:70:A:LYS:H	1:73:A:ILE:HD12	12	0.11
(4,356)	1:70:A:LYS:H	1:73:A:ILE:HD13	12	0.11
(4,314)	1:44:A:GLU:HB2	1:46:A:ASN:H	1	0.11
(4,314)	1:44:A:GLU:HB3	1:46:A:ASN:H	1	0.11
(4,235)	1:47:A:ALA:HB1	1:50:A:ALA:H	5	0.11
(4,235)	1:47:A:ALA:HB2	1:50:A:ALA:H	5	0.11
(4,235)	1:47:A:ALA:HB3	1:50:A:ALA:H	5	0.11
(4,216)	1:42:A:GLU:H	1:44:A:GLU:H	6	0.11
(4,216)	1:42:A:GLU:H	1:44:A:GLU:H	8	0.11
(4,176)	1:93:A:GLU:H	1:93:A:GLU:HG2	13	0.11
(4,176)	1:93:A:GLU:H	1:93:A:GLU:HG3	13	0.11
(4,176)	1:93:A:GLU:H	1:93:A:GLU:HG2	15	0.11
(4,176)	1:93:A:GLU:H	1:93:A:GLU:HG3	15	0.11
(4,154)	1:127:A:CYS:H	1:128:A:LEU:HG	11	0.11
(4,123)	1:79:A:THR:HB	1:80:A:TYR:H	12	0.11
(4,68)	1:115:A:ALA:HB1	1:117:A:VAL:H	15	0.11
(4,68)	1:115:A:ALA:HB2	1:117:A:VAL:H	15	0.11
(4,68)	1:115:A:ALA:HB3	1:117:A:VAL:H	15	0.11
(4,48)	1:44:A:GLU:HG3	1:47:A:ALA:H	14	0.11
(4,15)	1:64:A:LYS:H	1:64:A:LYS:HD2	11	0.11
(4,15)	1:64:A:LYS:H	1:64:A:LYS:HD3	11	0.11
(3,2447)	1:131:A:LEU:H	1:131:A:LEU:HD11	13	0.11
(3,2447)	1:131:A:LEU:H	1:131:A:LEU:HD12	13	0.11
(3,2447)	1:131:A:LEU:H	1:131:A:LEU:HD13	13	0.11
(3,2447)	1:131:A:LEU:H	1:131:A:LEU:HD21	13	0.11
(3,2447)	1:131:A:LEU:H	1:131:A:LEU:HD22	13	0.11
(3,2447)	1:131:A:LEU:H	1:131:A:LEU:HD23	13	0.11
(3,2399)	1:116:A:GLN:HG3	1:117:A:VAL:HG11	9	0.11
(3,2399)	1:116:A:GLN:HG3	1:117:A:VAL:HG12	9	0.11
(3,2399)	1:116:A:GLN:HG3	1:117:A:VAL:HG13	9	0.11
(3,2399)	1:116:A:GLN:HG3	1:117:A:VAL:HG21	9	0.11
(3,2399)	1:116:A:GLN:HG3	1:117:A:VAL:HG22	9	0.11
(3,2399)	1:116:A:GLN:HG3	1:117:A:VAL:HG23	9	0.11
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG11	7	0.11
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG12	7	0.11
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG13	7	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG21	7	0.11
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG22	7	0.11
(3,2397)	1:116:A:GLN:HG2	1:117:A:VAL:HG23	7	0.11
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD11	1	0.11
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD12	1	0.11
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD13	1	0.11
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD21	1	0.11
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD22	1	0.11
(3,2395)	1:116:A:GLN:H	1:119:A:LEU:HD23	1	0.11
(3,2363)	1:107:A:LEU:HD11	1:111:A:GLU:H	3	0.11
(3,2363)	1:107:A:LEU:HD12	1:111:A:GLU:H	3	0.11
(3,2363)	1:107:A:LEU:HD13	1:111:A:GLU:H	3	0.11
(3,2363)	1:107:A:LEU:HD21	1:111:A:GLU:H	3	0.11
(3,2363)	1:107:A:LEU:HD22	1:111:A:GLU:H	3	0.11
(3,2363)	1:107:A:LEU:HD23	1:111:A:GLU:H	3	0.11
(3,2359)	1:107:A:LEU:HA	1:108:A:GLU:HG2	6	0.11
(3,2359)	1:107:A:LEU:HA	1:108:A:GLU:HG3	6	0.11
(3,2347)	1:104:A:PHE:HB3	1:107:A:LEU:HD11	13	0.11
(3,2347)	1:104:A:PHE:HB3	1:107:A:LEU:HD12	13	0.11
(3,2347)	1:104:A:PHE:HB3	1:107:A:LEU:HD13	13	0.11
(3,2347)	1:104:A:PHE:HB3	1:107:A:LEU:HD21	13	0.11
(3,2347)	1:104:A:PHE:HB3	1:107:A:LEU:HD22	13	0.11
(3,2347)	1:104:A:PHE:HB3	1:107:A:LEU:HD23	13	0.11
(3,2336)	1:100:A:ALA:HA	1:119:A:LEU:HD11	1	0.11
(3,2336)	1:100:A:ALA:HA	1:119:A:LEU:HD12	1	0.11
(3,2336)	1:100:A:ALA:HA	1:119:A:LEU:HD13	1	0.11
(3,2336)	1:100:A:ALA:HA	1:119:A:LEU:HD21	1	0.11
(3,2336)	1:100:A:ALA:HA	1:119:A:LEU:HD22	1	0.11
(3,2336)	1:100:A:ALA:HA	1:119:A:LEU:HD23	1	0.11
(3,2318)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	4	0.11
(3,2318)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	4	0.11
(3,2318)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	4	0.11
(3,2318)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	4	0.11
(3,2318)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	4	0.11
(3,2318)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	4	0.11
(3,2318)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	4	0.11
(3,2318)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	4	0.11
(3,2318)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	4	0.11
(3,2318)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	4	0.11
(3,2318)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	4	0.11
(3,2318)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	4	0.11
(3,2318)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	4	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2318)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	4	0.11
(3,2318)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	4	0.11
(3,2318)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	4	0.11
(3,2318)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	4	0.11
(3,2318)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	4	0.11
(3,2301)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	15	0.11
(3,2301)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	15	0.11
(3,2301)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	15	0.11
(3,2301)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	15	0.11
(3,2275)	1:70:A:LYS:HD2	1:71:A:LYS:H	12	0.11
(3,2275)	1:70:A:LYS:HD3	1:71:A:LYS:H	12	0.11
(3,2232)	1:60:A:LEU:HD11	1:122:A:ASP:HB2	9	0.11
(3,2232)	1:60:A:LEU:HD11	1:122:A:ASP:HB3	9	0.11
(3,2232)	1:60:A:LEU:HD12	1:122:A:ASP:HB2	9	0.11
(3,2232)	1:60:A:LEU:HD12	1:122:A:ASP:HB3	9	0.11
(3,2232)	1:60:A:LEU:HD13	1:122:A:ASP:HB2	9	0.11
(3,2232)	1:60:A:LEU:HD13	1:122:A:ASP:HB3	9	0.11
(3,2232)	1:60:A:LEU:HD21	1:122:A:ASP:HB2	9	0.11
(3,2232)	1:60:A:LEU:HD21	1:122:A:ASP:HB3	9	0.11
(3,2232)	1:60:A:LEU:HD22	1:122:A:ASP:HB2	9	0.11
(3,2232)	1:60:A:LEU:HD22	1:122:A:ASP:HB3	9	0.11
(3,2232)	1:60:A:LEU:HD23	1:122:A:ASP:HB2	9	0.11
(3,2232)	1:60:A:LEU:HD23	1:122:A:ASP:HB3	9	0.11
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD11	5	0.11
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD12	5	0.11
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD13	5	0.11
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD21	5	0.11
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD22	5	0.11
(3,2215)	1:57:A:LEU:HG	1:60:A:LEU:HD23	5	0.11
(3,2114)	1:36:A:PRO:HB3	1:39:A:VAL:HG11	16	0.11
(3,2114)	1:36:A:PRO:HB3	1:39:A:VAL:HG12	16	0.11
(3,2114)	1:36:A:PRO:HB3	1:39:A:VAL:HG13	16	0.11
(3,2114)	1:36:A:PRO:HB3	1:39:A:VAL:HG21	16	0.11
(3,2114)	1:36:A:PRO:HB3	1:39:A:VAL:HG22	16	0.11
(3,2114)	1:36:A:PRO:HB3	1:39:A:VAL:HG23	16	0.11
(3,2076)	1:29:A:LYS:HB2	1:30:A:LEU:HD11	11	0.11
(3,2076)	1:29:A:LYS:HB2	1:30:A:LEU:HD12	11	0.11
(3,2076)	1:29:A:LYS:HB2	1:30:A:LEU:HD13	11	0.11
(3,2076)	1:29:A:LYS:HB2	1:30:A:LEU:HD21	11	0.11
(3,2076)	1:29:A:LYS:HB2	1:30:A:LEU:HD22	11	0.11
(3,2076)	1:29:A:LYS:HB2	1:30:A:LEU:HD23	11	0.11
(3,2076)	1:29:A:LYS:HB3	1:30:A:LEU:HD11	11	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2076)	1:29:A:LYS:HB3	1:30:A:LEU:HD12	11	0.11
(3,2076)	1:29:A:LYS:HB3	1:30:A:LEU:HD13	11	0.11
(3,2076)	1:29:A:LYS:HB3	1:30:A:LEU:HD21	11	0.11
(3,2076)	1:29:A:LYS:HB3	1:30:A:LEU:HD22	11	0.11
(3,2076)	1:29:A:LYS:HB3	1:30:A:LEU:HD23	11	0.11
(3,2044)	1:17:A:ASN:HD21	1:78:A:HIS:H	7	0.11
(3,2044)	1:17:A:ASN:HD22	1:78:A:HIS:H	7	0.11
(3,2020)	1:14:A:VAL:HG11	1:60:A:LEU:H	12	0.11
(3,2020)	1:14:A:VAL:HG12	1:60:A:LEU:H	12	0.11
(3,2020)	1:14:A:VAL:HG13	1:60:A:LEU:H	12	0.11
(3,2020)	1:14:A:VAL:HG21	1:60:A:LEU:H	12	0.11
(3,2020)	1:14:A:VAL:HG22	1:60:A:LEU:H	12	0.11
(3,2020)	1:14:A:VAL:HG23	1:60:A:LEU:H	12	0.11
(3,2015)	1:14:A:VAL:HG11	1:17:A:ASN:HD21	11	0.11
(3,2015)	1:14:A:VAL:HG11	1:17:A:ASN:HD22	11	0.11
(3,2015)	1:14:A:VAL:HG12	1:17:A:ASN:HD21	11	0.11
(3,2015)	1:14:A:VAL:HG12	1:17:A:ASN:HD22	11	0.11
(3,2015)	1:14:A:VAL:HG13	1:17:A:ASN:HD21	11	0.11
(3,2015)	1:14:A:VAL:HG13	1:17:A:ASN:HD22	11	0.11
(3,2015)	1:14:A:VAL:HG21	1:17:A:ASN:HD21	11	0.11
(3,2015)	1:14:A:VAL:HG21	1:17:A:ASN:HD22	11	0.11
(3,2015)	1:14:A:VAL:HG22	1:17:A:ASN:HD21	11	0.11
(3,2015)	1:14:A:VAL:HG22	1:17:A:ASN:HD22	11	0.11
(3,2015)	1:14:A:VAL:HG23	1:17:A:ASN:HD21	11	0.11
(3,2015)	1:14:A:VAL:HG23	1:17:A:ASN:HD22	11	0.11
(3,1972)	1:10:A:ASN:HD21	1:80:A:TYR:HD1	16	0.11
(3,1972)	1:10:A:ASN:HD21	1:80:A:TYR:HD2	16	0.11
(3,1972)	1:10:A:ASN:HD22	1:80:A:TYR:HD1	16	0.11
(3,1972)	1:10:A:ASN:HD22	1:80:A:TYR:HD2	16	0.11
(3,1937)	1:35:A:LEU:HG	1:80:A:TYR:HE1	14	0.11
(3,1937)	1:35:A:LEU:HG	1:80:A:TYR:HE2	14	0.11
(3,1933)	1:31:A:PRO:HG2	1:80:A:TYR:HD1	3	0.11
(3,1933)	1:31:A:PRO:HG2	1:80:A:TYR:HD2	3	0.11
(3,1933)	1:31:A:PRO:HG3	1:80:A:TYR:HD1	3	0.11
(3,1933)	1:31:A:PRO:HG3	1:80:A:TYR:HD2	3	0.11
(3,1871)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	10	0.11
(3,1871)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	10	0.11
(3,1871)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	10	0.11
(3,1867)	1:61:A:SER:H	1:62:A:HIS:HD2	7	0.11
(3,1833)	1:104:A:PHE:HE1	1:105:A:LYS:HA	11	0.11
(3,1833)	1:104:A:PHE:HE2	1:105:A:LYS:HA	11	0.11
(3,1802)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	16	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1802)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	16	0.11
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG21	2	0.11
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG22	2	0.11
(3,1740)	1:67:A:PRO:HD3	1:95:A:ILE:HG23	2	0.11
(3,1718)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.11
(3,1718)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.11
(3,1718)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.11
(3,1660)	1:79:A:THR:H	1:80:A:TYR:HA	2	0.11
(3,1649)	1:18:A:PHE:HB2	1:19:A:ALA:HB1	7	0.11
(3,1649)	1:18:A:PHE:HB2	1:19:A:ALA:HB2	7	0.11
(3,1649)	1:18:A:PHE:HB2	1:19:A:ALA:HB3	7	0.11
(3,1649)	1:18:A:PHE:HB3	1:19:A:ALA:HB1	7	0.11
(3,1649)	1:18:A:PHE:HB3	1:19:A:ALA:HB2	7	0.11
(3,1649)	1:18:A:PHE:HB3	1:19:A:ALA:HB3	7	0.11
(3,1642)	1:123:A:CYS:H	1:128:A:LEU:HD21	19	0.11
(3,1642)	1:123:A:CYS:H	1:128:A:LEU:HD22	19	0.11
(3,1642)	1:123:A:CYS:H	1:128:A:LEU:HD23	19	0.11
(3,1637)	1:119:A:LEU:HB3	1:121:A:VAL:HG21	15	0.11
(3,1637)	1:119:A:LEU:HB3	1:121:A:VAL:HG22	15	0.11
(3,1637)	1:119:A:LEU:HB3	1:121:A:VAL:HG23	15	0.11
(3,1631)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	12	0.11
(3,1631)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	12	0.11
(3,1631)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	12	0.11
(3,1609)	1:63:A:ILE:HD11	1:113:A:PHE:HD1	14	0.11
(3,1609)	1:63:A:ILE:HD11	1:113:A:PHE:HD2	14	0.11
(3,1609)	1:63:A:ILE:HD12	1:113:A:PHE:HD1	14	0.11
(3,1609)	1:63:A:ILE:HD12	1:113:A:PHE:HD2	14	0.11
(3,1609)	1:63:A:ILE:HD13	1:113:A:PHE:HD1	14	0.11
(3,1609)	1:63:A:ILE:HD13	1:113:A:PHE:HD2	14	0.11
(3,1576)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	12	0.11
(3,1576)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	12	0.11
(3,1576)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	12	0.11
(3,1576)	1:144:A:LEU:HD21	1:145:A:PRO:HD3	18	0.11
(3,1576)	1:144:A:LEU:HD22	1:145:A:PRO:HD3	18	0.11
(3,1576)	1:144:A:LEU:HD23	1:145:A:PRO:HD3	18	0.11
(3,1557)	1:66:A:THR:HG21	1:69:A:MET:HE1	4	0.11
(3,1557)	1:66:A:THR:HG21	1:69:A:MET:HE2	4	0.11
(3,1557)	1:66:A:THR:HG21	1:69:A:MET:HE3	4	0.11
(3,1557)	1:66:A:THR:HG22	1:69:A:MET:HE1	4	0.11
(3,1557)	1:66:A:THR:HG22	1:69:A:MET:HE2	4	0.11
(3,1557)	1:66:A:THR:HG22	1:69:A:MET:HE3	4	0.11
(3,1557)	1:66:A:THR:HG23	1:69:A:MET:HE1	4	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1557)	1:66:A:THR:HG23	1:69:A:MET:HE2	4	0.11
(3,1557)	1:66:A:THR:HG23	1:69:A:MET:HE3	4	0.11
(3,1539)	1:69:A:MET:HE1	1:110:A:MET:H	11	0.11
(3,1539)	1:69:A:MET:HE2	1:110:A:MET:H	11	0.11
(3,1539)	1:69:A:MET:HE3	1:110:A:MET:H	11	0.11
(3,1502)	1:101:A:ILE:HG21	1:115:A:ALA:H	5	0.11
(3,1502)	1:101:A:ILE:HG22	1:115:A:ALA:H	5	0.11
(3,1502)	1:101:A:ILE:HG23	1:115:A:ALA:H	5	0.11
(3,1502)	1:101:A:ILE:HG21	1:115:A:ALA:H	11	0.11
(3,1502)	1:101:A:ILE:HG22	1:115:A:ALA:H	11	0.11
(3,1502)	1:101:A:ILE:HG23	1:115:A:ALA:H	11	0.11
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	1	0.11
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	1	0.11
(3,1499)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	1	0.11
(3,1483)	1:13:A:ALA:HB1	1:61:A:SER:HA	19	0.11
(3,1483)	1:13:A:ALA:HB2	1:61:A:SER:HA	19	0.11
(3,1483)	1:13:A:ALA:HB3	1:61:A:SER:HA	19	0.11
(3,1453)	1:50:A:ALA:HB1	1:127:A:CYS:HA	18	0.11
(3,1453)	1:50:A:ALA:HB2	1:127:A:CYS:HA	18	0.11
(3,1453)	1:50:A:ALA:HB3	1:127:A:CYS:HA	18	0.11
(3,1428)	1:129:A:LYS:HA	1:132:A:ALA:HB1	2	0.11
(3,1428)	1:129:A:LYS:HA	1:132:A:ALA:HB2	2	0.11
(3,1428)	1:129:A:LYS:HA	1:132:A:ALA:HB3	2	0.11
(3,1376)	1:73:A:ILE:HB	1:76:A:ARG:HA	16	0.11
(3,1260)	1:139:A:LEU:HD21	1:143:A:TRP:HD1	16	0.11
(3,1260)	1:139:A:LEU:HD22	1:143:A:TRP:HD1	16	0.11
(3,1260)	1:139:A:LEU:HD23	1:143:A:TRP:HD1	16	0.11
(3,1236)	1:81:A:GLU:HA	1:81:A:GLU:HG2	16	0.11
(3,1236)	1:81:A:GLU:HA	1:81:A:GLU:HG3	16	0.11
(3,1211)	1:34:A:LYS:HG2	1:81:A:GLU:HA	18	0.11
(3,1211)	1:34:A:LYS:HG3	1:81:A:GLU:HA	18	0.11
(3,1205)	1:107:A:LEU:HD21	1:108:A:GLU:H	4	0.11
(3,1205)	1:107:A:LEU:HD22	1:108:A:GLU:H	4	0.11
(3,1205)	1:107:A:LEU:HD23	1:108:A:GLU:H	4	0.11
(3,1205)	1:107:A:LEU:HD21	1:108:A:GLU:H	18	0.11
(3,1205)	1:107:A:LEU:HD22	1:108:A:GLU:H	18	0.11
(3,1205)	1:107:A:LEU:HD23	1:108:A:GLU:H	18	0.11
(3,1184)	1:101:A:ILE:HA	1:101:A:ILE:HD11	19	0.11
(3,1184)	1:101:A:ILE:HA	1:101:A:ILE:HD12	19	0.11
(3,1184)	1:101:A:ILE:HA	1:101:A:ILE:HD13	19	0.11
(3,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE1	18	0.11
(3,1170)	1:80:A:TYR:HA	1:80:A:TYR:HE2	18	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1119)	1:41:A:LYS:HG3	1:42:A:GLU:HA	4	0.11
(3,1073)	1:79:A:THR:HA	1:80:A:TYR:HD1	12	0.11
(3,1073)	1:79:A:THR:HA	1:80:A:TYR:HD2	12	0.11
(3,1062)	1:64:A:LYS:HD2	1:98:A:ILE:HD11	2	0.11
(3,1062)	1:64:A:LYS:HD2	1:98:A:ILE:HD12	2	0.11
(3,1062)	1:64:A:LYS:HD2	1:98:A:ILE:HD13	2	0.11
(3,1062)	1:64:A:LYS:HD3	1:98:A:ILE:HD11	2	0.11
(3,1062)	1:64:A:LYS:HD3	1:98:A:ILE:HD12	2	0.11
(3,1062)	1:64:A:LYS:HD3	1:98:A:ILE:HD13	2	0.11
(3,1038)	1:27:A:ARG:HB2	1:28:A:GLY:HA2	13	0.11
(3,1038)	1:27:A:ARG:HB2	1:28:A:GLY:HA3	13	0.11
(3,1036)	1:34:A:LYS:H	1:81:A:GLU:HB3	8	0.11
(3,1035)	1:149:A:ALA:HB1	1:150:A:THR:HA	13	0.11
(3,1035)	1:149:A:ALA:HB2	1:150:A:THR:HA	13	0.11
(3,1035)	1:149:A:ALA:HB3	1:150:A:THR:HA	13	0.11
(3,1033)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	16	0.11
(3,1033)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	16	0.11
(3,983)	1:11:A:ILE:HG12	1:14:A:VAL:HB	8	0.11
(3,960)	1:67:A:PRO:HA	1:70:A:LYS:HB2	13	0.11
(3,960)	1:67:A:PRO:HA	1:70:A:LYS:HB3	13	0.11
(3,912)	1:94:A:ALA:HA	1:95:A:ILE:HB	18	0.11
(3,883)	1:57:A:LEU:HA	1:60:A:LEU:HB3	13	0.11
(3,867)	1:71:A:LYS:HE2	1:72:A:PHE:HE1	11	0.11
(3,867)	1:71:A:LYS:HE2	1:72:A:PHE:HE2	11	0.11
(3,867)	1:71:A:LYS:HE3	1:72:A:PHE:HE1	11	0.11
(3,867)	1:71:A:LYS:HE3	1:72:A:PHE:HE2	11	0.11
(3,856)	1:48:A:ARG:H	1:48:A:ARG:HD2	4	0.11
(3,856)	1:48:A:ARG:H	1:48:A:ARG:HD3	4	0.11
(3,856)	1:48:A:ARG:H	1:48:A:ARG:HD2	18	0.11
(3,856)	1:48:A:ARG:H	1:48:A:ARG:HD3	18	0.11
(3,834)	1:98:A:ILE:HD11	1:119:A:LEU:HG	11	0.11
(3,834)	1:98:A:ILE:HD12	1:119:A:LEU:HG	11	0.11
(3,834)	1:98:A:ILE:HD13	1:119:A:LEU:HG	11	0.11
(3,811)	1:11:A:ILE:HD11	1:43:A:MET:HG2	8	0.11
(3,811)	1:11:A:ILE:HD12	1:43:A:MET:HG2	8	0.11
(3,811)	1:11:A:ILE:HD13	1:43:A:MET:HG2	8	0.11
(3,798)	1:50:A:ALA:HB1	1:130:A:GLY:HA2	9	0.11
(3,798)	1:50:A:ALA:HB2	1:130:A:GLY:HA2	9	0.11
(3,798)	1:50:A:ALA:HB3	1:130:A:GLY:HA2	9	0.11
(3,776)	1:41:A:LYS:HG2	1:42:A:GLU:H	19	0.11
(3,703)	1:98:A:ILE:H	1:100:A:ALA:H	10	0.11
(3,663)	1:101:A:ILE:H	1:104:A:PHE:HB3	13	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,657)	1:66:A:THR:H	1:70:A:LYS:H	17	0.11
(3,619)	1:55:A:GLY:H	1:58:A:ILE:HB	6	0.11
(3,584)	1:129:A:LYS:HB2	1:130:A:GLY:H	12	0.11
(3,584)	1:129:A:LYS:HB3	1:130:A:GLY:H	12	0.11
(3,564)	1:116:A:GLN:H	1:116:A:GLN:HE22	5	0.11
(3,522)	1:67:A:PRO:HA	1:71:A:LYS:H	14	0.11
(3,514)	1:71:A:LYS:H	1:72:A:PHE:HB2	11	0.11
(3,478)	1:103:A:ARG:H	1:103:A:ARG:HG2	4	0.11
(3,478)	1:103:A:ARG:H	1:103:A:ARG:HG3	4	0.11
(3,478)	1:103:A:ARG:H	1:103:A:ARG:HG2	7	0.11
(3,478)	1:103:A:ARG:H	1:103:A:ARG:HG3	7	0.11
(3,366)	1:69:A:MET:HE1	1:70:A:LYS:H	14	0.11
(3,366)	1:69:A:MET:HE2	1:70:A:LYS:H	14	0.11
(3,366)	1:69:A:MET:HE3	1:70:A:LYS:H	14	0.11
(3,351)	1:123:A:CYS:H	1:128:A:LEU:HD11	6	0.11
(3,351)	1:123:A:CYS:H	1:128:A:LEU:HD12	6	0.11
(3,351)	1:123:A:CYS:H	1:128:A:LEU:HD13	6	0.11
(3,321)	1:56:A:CYS:HA	1:122:A:ASP:H	11	0.11
(3,290)	1:50:A:ALA:HB1	1:52:A:CYS:H	9	0.11
(3,290)	1:50:A:ALA:HB2	1:52:A:CYS:H	9	0.11
(3,290)	1:50:A:ALA:HB3	1:52:A:CYS:H	9	0.11
(3,282)	1:73:A:ILE:HD11	1:112:A:GLN:H	13	0.11
(3,282)	1:73:A:ILE:HD12	1:112:A:GLN:H	13	0.11
(3,282)	1:73:A:ILE:HD13	1:112:A:GLN:H	13	0.11
(3,278)	1:113:A:PHE:H	1:116:A:GLN:HG3	6	0.11
(3,247)	1:58:A:ILE:H	1:58:A:ILE:HD11	7	0.11
(3,247)	1:58:A:ILE:H	1:58:A:ILE:HD12	7	0.11
(3,247)	1:58:A:ILE:H	1:58:A:ILE:HD13	7	0.11
(3,180)	1:93:A:GLU:H	1:93:A:GLU:HG2	13	0.11
(3,180)	1:93:A:GLU:H	1:93:A:GLU:HG3	13	0.11
(3,180)	1:93:A:GLU:H	1:93:A:GLU:HG2	15	0.11
(3,180)	1:93:A:GLU:H	1:93:A:GLU:HG3	15	0.11
(3,115)	1:22:A:ASP:H	1:23:A:LEU:HB2	12	0.11
(3,115)	1:22:A:ASP:H	1:23:A:LEU:HB3	12	0.11
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD11	2	0.11
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD12	2	0.11
(3,86)	1:23:A:LEU:H	1:23:A:LEU:HD13	2	0.11
(3,69)	1:13:A:ALA:HB1	1:81:A:GLU:H	12	0.11
(3,69)	1:13:A:ALA:HB2	1:81:A:GLU:H	12	0.11
(3,69)	1:13:A:ALA:HB3	1:81:A:GLU:H	12	0.11
(3,68)	1:115:A:ALA:HB1	1:117:A:VAL:H	15	0.11
(3,68)	1:115:A:ALA:HB2	1:117:A:VAL:H	15	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,68)	1:115:A:ALA:HB3	1:117:A:VAL:H	15	0.11
(3,13)	1:64:A:LYS:H	1:64:A:LYS:HE2	9	0.11
(3,13)	1:64:A:LYS:H	1:64:A:LYS:HE3	9	0.11
(2,2456)	1:139:A:LEU:HD11	1:143:A:TRP:HZ2	17	0.11
(2,2456)	1:139:A:LEU:HD12	1:143:A:TRP:HZ2	17	0.11
(2,2456)	1:139:A:LEU:HD13	1:143:A:TRP:HZ2	17	0.11
(2,2456)	1:139:A:LEU:HD21	1:143:A:TRP:HZ2	17	0.11
(2,2456)	1:139:A:LEU:HD22	1:143:A:TRP:HZ2	17	0.11
(2,2456)	1:139:A:LEU:HD23	1:143:A:TRP:HZ2	17	0.11
(2,2351)	1:107:A:LEU:HD11	1:111:A:GLU:H	3	0.11
(2,2351)	1:107:A:LEU:HD12	1:111:A:GLU:H	3	0.11
(2,2351)	1:107:A:LEU:HD13	1:111:A:GLU:H	3	0.11
(2,2351)	1:107:A:LEU:HD21	1:111:A:GLU:H	3	0.11
(2,2351)	1:107:A:LEU:HD22	1:111:A:GLU:H	3	0.11
(2,2351)	1:107:A:LEU:HD23	1:111:A:GLU:H	3	0.11
(2,2332)	1:104:A:PHE:HB3	1:107:A:LEU:HD11	13	0.11
(2,2332)	1:104:A:PHE:HB3	1:107:A:LEU:HD12	13	0.11
(2,2332)	1:104:A:PHE:HB3	1:107:A:LEU:HD13	13	0.11
(2,2332)	1:104:A:PHE:HB3	1:107:A:LEU:HD21	13	0.11
(2,2332)	1:104:A:PHE:HB3	1:107:A:LEU:HD22	13	0.11
(2,2332)	1:104:A:PHE:HB3	1:107:A:LEU:HD23	13	0.11
(2,2300)	1:81:A:GLU:H	1:81:A:GLU:HB2	12	0.11
(2,2300)	1:81:A:GLU:H	1:81:A:GLU:HB3	12	0.11
(2,2293)	1:76:A:ARG:HD2	1:113:A:PHE:HE1	15	0.11
(2,2293)	1:76:A:ARG:HD2	1:113:A:PHE:HE2	15	0.11
(2,2293)	1:76:A:ARG:HD3	1:113:A:PHE:HE1	15	0.11
(2,2293)	1:76:A:ARG:HD3	1:113:A:PHE:HE2	15	0.11
(2,2260)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	6	0.11
(2,2260)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	6	0.11
(2,2251)	1:65:A:CYS:HB2	1:70:A:LYS:HA	9	0.11
(2,2251)	1:65:A:CYS:HB3	1:70:A:LYS:HA	9	0.11
(2,2250)	1:65:A:CYS:HB2	1:70:A:LYS:H	8	0.11
(2,2250)	1:65:A:CYS:HB3	1:70:A:LYS:H	8	0.11
(2,2249)	1:65:A:CYS:HB2	1:69:A:MET:HG2	9	0.11
(2,2249)	1:65:A:CYS:HB2	1:69:A:MET:HG3	9	0.11
(2,2249)	1:65:A:CYS:HB3	1:69:A:MET:HG2	9	0.11
(2,2249)	1:65:A:CYS:HB3	1:69:A:MET:HG3	9	0.11
(2,2249)	1:65:A:CYS:HB2	1:69:A:MET:HG2	11	0.11
(2,2249)	1:65:A:CYS:HB2	1:69:A:MET:HG3	11	0.11
(2,2249)	1:65:A:CYS:HB3	1:69:A:MET:HG2	11	0.11
(2,2249)	1:65:A:CYS:HB3	1:69:A:MET:HG3	11	0.11
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD11	7	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD12	7	0.11
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD13	7	0.11
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD21	7	0.11
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD22	7	0.11
(2,2158)	1:43:A:MET:H	1:139:A:LEU:HD23	7	0.11
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD11	6	0.11
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD12	6	0.11
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD13	6	0.11
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD21	6	0.11
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD22	6	0.11
(2,2108)	1:38:A:GLU:H	1:139:A:LEU:HD23	6	0.11
(2,2102)	1:36:A:PRO:HB3	1:39:A:VAL:HG11	16	0.11
(2,2102)	1:36:A:PRO:HB3	1:39:A:VAL:HG12	16	0.11
(2,2102)	1:36:A:PRO:HB3	1:39:A:VAL:HG13	16	0.11
(2,2102)	1:36:A:PRO:HB3	1:39:A:VAL:HG21	16	0.11
(2,2102)	1:36:A:PRO:HB3	1:39:A:VAL:HG22	16	0.11
(2,2102)	1:36:A:PRO:HB3	1:39:A:VAL:HG23	16	0.11
(2,2051)	1:22:A:ASP:H	1:23:A:LEU:HD11	10	0.11
(2,2051)	1:22:A:ASP:H	1:23:A:LEU:HD12	10	0.11
(2,2051)	1:22:A:ASP:H	1:23:A:LEU:HD13	10	0.11
(2,2051)	1:22:A:ASP:H	1:23:A:LEU:HD21	10	0.11
(2,2051)	1:22:A:ASP:H	1:23:A:LEU:HD22	10	0.11
(2,2051)	1:22:A:ASP:H	1:23:A:LEU:HD23	10	0.11
(2,2037)	1:17:A:ASN:HB2	1:18:A:PHE:HD1	14	0.11
(2,2037)	1:17:A:ASN:HB2	1:18:A:PHE:HD2	14	0.11
(2,2037)	1:17:A:ASN:HB3	1:18:A:PHE:HD1	14	0.11
(2,2037)	1:17:A:ASN:HB3	1:18:A:PHE:HD2	14	0.11
(2,2022)	1:15:A:ALA:H	1:17:A:ASN:HD21	19	0.11
(2,2022)	1:15:A:ALA:H	1:17:A:ASN:HD22	19	0.11
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG11	13	0.11
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG12	13	0.11
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG13	13	0.11
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG21	13	0.11
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG22	13	0.11
(2,1978)	1:11:A:ILE:HG12	1:14:A:VAL:HG23	13	0.11
(2,1960)	1:9:A:PHE:HD1	1:57:A:LEU:HD11	6	0.11
(2,1960)	1:9:A:PHE:HD1	1:57:A:LEU:HD12	6	0.11
(2,1960)	1:9:A:PHE:HD1	1:57:A:LEU:HD13	6	0.11
(2,1960)	1:9:A:PHE:HD1	1:57:A:LEU:HD21	6	0.11
(2,1960)	1:9:A:PHE:HD1	1:57:A:LEU:HD22	6	0.11
(2,1960)	1:9:A:PHE:HD1	1:57:A:LEU:HD23	6	0.11
(2,1960)	1:9:A:PHE:HD2	1:57:A:LEU:HD11	6	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1960)	1:9:A:PHE:HD2	1:57:A:LEU:HD12	6	0.11
(2,1960)	1:9:A:PHE:HD2	1:57:A:LEU:HD13	6	0.11
(2,1960)	1:9:A:PHE:HD2	1:57:A:LEU:HD21	6	0.11
(2,1960)	1:9:A:PHE:HD2	1:57:A:LEU:HD22	6	0.11
(2,1960)	1:9:A:PHE:HD2	1:57:A:LEU:HD23	6	0.11
(2,1956)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	3	0.11
(2,1956)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	3	0.11
(2,1956)	1:8:A:ASP:HB2	1:62:A:HIS:HE1	18	0.11
(2,1956)	1:8:A:ASP:HB3	1:62:A:HIS:HE1	18	0.11
(2,1791)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	16	0.11
(2,1791)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	16	0.11
(2,1722)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	2	0.11
(2,1706)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.11
(2,1706)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.11
(2,1706)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.11
(2,1646)	1:79:A:THR:H	1:80:A:TYR:HA	2	0.11
(2,1625)	1:24:A:ASP:HA	1:26:A:ASP:H	17	0.11
(2,1624)	1:126:A:GLY:H	1:128:A:LEU:HD11	14	0.11
(2,1624)	1:126:A:GLY:H	1:128:A:LEU:HD12	14	0.11
(2,1624)	1:126:A:GLY:H	1:128:A:LEU:HD13	14	0.11
(2,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD1	4	0.11
(2,1623)	1:73:A:ILE:HG21	1:113:A:PHE:HD2	4	0.11
(2,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD1	4	0.11
(2,1623)	1:73:A:ILE:HG22	1:113:A:PHE:HD2	4	0.11
(2,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD1	4	0.11
(2,1623)	1:73:A:ILE:HG23	1:113:A:PHE:HD2	4	0.11
(2,1612)	1:54:A:ARG:HB3	1:58:A:ILE:HG21	12	0.11
(2,1612)	1:54:A:ARG:HB3	1:58:A:ILE:HG22	12	0.11
(2,1612)	1:54:A:ARG:HB3	1:58:A:ILE:HG23	12	0.11
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG21	12	0.11
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG22	12	0.11
(2,1602)	1:64:A:LYS:HB2	1:98:A:ILE:HG23	12	0.11
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG21	12	0.11
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG22	12	0.11
(2,1602)	1:64:A:LYS:HB3	1:98:A:ILE:HG23	12	0.11
(2,1580)	1:11:A:ILE:HD11	1:14:A:VAL:H	8	0.11
(2,1580)	1:11:A:ILE:HD12	1:14:A:VAL:H	8	0.11
(2,1580)	1:11:A:ILE:HD13	1:14:A:VAL:H	8	0.11
(2,1580)	1:11:A:ILE:HD11	1:14:A:VAL:H	9	0.11
(2,1580)	1:11:A:ILE:HD12	1:14:A:VAL:H	9	0.11
(2,1580)	1:11:A:ILE:HD13	1:14:A:VAL:H	9	0.11
(2,1569)	1:115:A:ALA:HB1	1:117:A:VAL:HG21	3	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1569)	1:115:A:ALA:HB1	1:117:A:VAL:HG22	3	0.11
(2,1569)	1:115:A:ALA:HB1	1:117:A:VAL:HG23	3	0.11
(2,1569)	1:115:A:ALA:HB2	1:117:A:VAL:HG21	3	0.11
(2,1569)	1:115:A:ALA:HB2	1:117:A:VAL:HG22	3	0.11
(2,1569)	1:115:A:ALA:HB2	1:117:A:VAL:HG23	3	0.11
(2,1569)	1:115:A:ALA:HB3	1:117:A:VAL:HG21	3	0.11
(2,1569)	1:115:A:ALA:HB3	1:117:A:VAL:HG22	3	0.11
(2,1569)	1:115:A:ALA:HB3	1:117:A:VAL:HG23	3	0.11
(2,1569)	1:115:A:ALA:HB1	1:117:A:VAL:HG21	17	0.11
(2,1569)	1:115:A:ALA:HB1	1:117:A:VAL:HG22	17	0.11
(2,1569)	1:115:A:ALA:HB1	1:117:A:VAL:HG23	17	0.11
(2,1569)	1:115:A:ALA:HB2	1:117:A:VAL:HG21	17	0.11
(2,1569)	1:115:A:ALA:HB2	1:117:A:VAL:HG22	17	0.11
(2,1569)	1:115:A:ALA:HB2	1:117:A:VAL:HG23	17	0.11
(2,1569)	1:115:A:ALA:HB3	1:117:A:VAL:HG21	17	0.11
(2,1569)	1:115:A:ALA:HB3	1:117:A:VAL:HG22	17	0.11
(2,1569)	1:115:A:ALA:HB3	1:117:A:VAL:HG23	17	0.11
(2,1516)	1:69:A:MET:HE1	1:110:A:MET:H	11	0.11
(2,1516)	1:69:A:MET:HE2	1:110:A:MET:H	11	0.11
(2,1516)	1:69:A:MET:HE3	1:110:A:MET:H	11	0.11
(2,1485)	1:101:A:ILE:HG21	1:116:A:GLN:H	2	0.11
(2,1485)	1:101:A:ILE:HG22	1:116:A:GLN:H	2	0.11
(2,1485)	1:101:A:ILE:HG23	1:116:A:GLN:H	2	0.11
(2,1485)	1:101:A:ILE:HG21	1:116:A:GLN:H	18	0.11
(2,1485)	1:101:A:ILE:HG22	1:116:A:GLN:H	18	0.11
(2,1485)	1:101:A:ILE:HG23	1:116:A:GLN:H	18	0.11
(2,1482)	1:101:A:ILE:HG21	1:115:A:ALA:H	5	0.11
(2,1482)	1:101:A:ILE:HG22	1:115:A:ALA:H	5	0.11
(2,1482)	1:101:A:ILE:HG23	1:115:A:ALA:H	5	0.11
(2,1482)	1:101:A:ILE:HG21	1:115:A:ALA:H	11	0.11
(2,1482)	1:101:A:ILE:HG22	1:115:A:ALA:H	11	0.11
(2,1482)	1:101:A:ILE:HG23	1:115:A:ALA:H	11	0.11
(2,1467)	1:13:A:ALA:HB1	1:79:A:THR:HB	15	0.11
(2,1467)	1:13:A:ALA:HB2	1:79:A:THR:HB	15	0.11
(2,1467)	1:13:A:ALA:HB3	1:79:A:THR:HB	15	0.11
(2,1449)	1:97:A:ASP:HB2	1:99:A:PRO:HD3	5	0.11
(2,1449)	1:97:A:ASP:HB3	1:99:A:PRO:HD3	5	0.11
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG21	5	0.11
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG22	5	0.11
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG23	5	0.11
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG11	5	0.11
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG12	5	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1375)	1:47:A:ALA:HA	1:134:A:VAL:HG13	5	0.11
(2,1362)	1:39:A:VAL:HG11	1:143:A:TRP:H	16	0.11
(2,1362)	1:39:A:VAL:HG12	1:143:A:TRP:H	16	0.11
(2,1362)	1:39:A:VAL:HG13	1:143:A:TRP:H	16	0.11
(2,1352)	1:114:A:ILE:HA	1:117:A:VAL:HG11	8	0.11
(2,1352)	1:114:A:ILE:HA	1:117:A:VAL:HG12	8	0.11
(2,1352)	1:114:A:ILE:HA	1:117:A:VAL:HG13	8	0.11
(2,1277)	1:15:A:ALA:HA	1:131:A:LEU:HG	15	0.11
(2,1236)	1:38:A:GLU:HB2	1:139:A:LEU:HD21	8	0.11
(2,1236)	1:38:A:GLU:HB2	1:139:A:LEU:HD22	8	0.11
(2,1236)	1:38:A:GLU:HB2	1:139:A:LEU:HD23	8	0.11
(2,1163)	1:136:A:CYS:HA	1:140:A:LEU:HD21	1	0.11
(2,1163)	1:136:A:CYS:HA	1:140:A:LEU:HD22	1	0.11
(2,1163)	1:136:A:CYS:HA	1:140:A:LEU:HD23	1	0.11
(2,1162)	1:101:A:ILE:H	1:119:A:LEU:HD21	5	0.11
(2,1162)	1:101:A:ILE:H	1:119:A:LEU:HD22	5	0.11
(2,1162)	1:101:A:ILE:H	1:119:A:LEU:HD23	5	0.11
(2,1153)	1:101:A:ILE:HA	1:101:A:ILE:HD11	19	0.11
(2,1153)	1:101:A:ILE:HA	1:101:A:ILE:HD12	19	0.11
(2,1153)	1:101:A:ILE:HA	1:101:A:ILE:HD13	19	0.11
(2,1094)	1:42:A:GLU:HA	1:44:A:GLU:H	15	0.11
(2,1054)	1:13:A:ALA:HB1	1:79:A:THR:HA	17	0.11
(2,1054)	1:13:A:ALA:HB2	1:79:A:THR:HA	17	0.11
(2,1054)	1:13:A:ALA:HB3	1:79:A:THR:HA	17	0.11
(2,1048)	1:79:A:THR:HA	1:80:A:TYR:HD1	12	0.11
(2,1048)	1:79:A:THR:HA	1:80:A:TYR:HD2	12	0.11
(2,1015)	1:27:A:ARG:HB2	1:28:A:GLY:HA2	17	0.11
(2,1015)	1:27:A:ARG:HB2	1:28:A:GLY:HA3	17	0.11
(2,903)	1:149:A:ALA:HB1	1:150:A:THR:HB	17	0.11
(2,903)	1:149:A:ALA:HB2	1:150:A:THR:HB	17	0.11
(2,903)	1:149:A:ALA:HB3	1:150:A:THR:HB	17	0.11
(2,845)	1:71:A:LYS:HE2	1:72:A:PHE:HE1	11	0.11
(2,845)	1:71:A:LYS:HE2	1:72:A:PHE:HE2	11	0.11
(2,845)	1:71:A:LYS:HE3	1:72:A:PHE:HE1	11	0.11
(2,845)	1:71:A:LYS:HE3	1:72:A:PHE:HE2	11	0.11
(2,836)	1:48:A:ARG:H	1:48:A:ARG:HD2	4	0.11
(2,836)	1:48:A:ARG:H	1:48:A:ARG:HD3	4	0.11
(2,836)	1:48:A:ARG:H	1:48:A:ARG:HD2	18	0.11
(2,836)	1:48:A:ARG:H	1:48:A:ARG:HD3	18	0.11
(2,774)	1:101:A:ILE:HD11	1:119:A:LEU:HG	8	0.11
(2,774)	1:101:A:ILE:HD12	1:119:A:LEU:HG	8	0.11
(2,774)	1:101:A:ILE:HD13	1:119:A:LEU:HG	8	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,758)	1:41:A:LYS:HG2	1:42:A:GLU:H	19	0.11
(2,737)	1:107:A:LEU:HB2	1:112:A:GLN:HE22	5	0.11
(2,737)	1:107:A:LEU:HB3	1:112:A:GLN:HE22	5	0.11
(2,694)	1:98:A:ILE:H	1:100:A:ALA:H	10	0.11
(2,642)	1:66:A:THR:H	1:69:A:MET:HA	14	0.11
(2,613)	1:55:A:GLY:H	1:58:A:ILE:HB	6	0.11
(2,592)	1:25:A:ALA:HA	1:28:A:GLY:H	2	0.11
(2,592)	1:25:A:ALA:HA	1:28:A:GLY:H	11	0.11
(2,567)	1:63:A:ILE:HG21	1:116:A:GLN:H	8	0.11
(2,567)	1:63:A:ILE:HG22	1:116:A:GLN:H	8	0.11
(2,567)	1:63:A:ILE:HG23	1:116:A:GLN:H	8	0.11
(2,552)	1:124:A:THR:H	1:128:A:LEU:HD11	19	0.11
(2,552)	1:124:A:THR:H	1:128:A:LEU:HD12	19	0.11
(2,552)	1:124:A:THR:H	1:128:A:LEU:HD13	19	0.11
(2,551)	1:73:A:ILE:HD11	1:110:A:MET:H	13	0.11
(2,551)	1:73:A:ILE:HD12	1:110:A:MET:H	13	0.11
(2,551)	1:73:A:ILE:HD13	1:110:A:MET:H	13	0.11
(2,519)	1:67:A:PRO:HA	1:71:A:LYS:H	14	0.11
(2,412)	1:125:A:THR:H	1:125:A:THR:HB	2	0.11
(2,412)	1:125:A:THR:H	1:125:A:THR:HB	4	0.11
(2,366)	1:70:A:LYS:H	1:73:A:ILE:HD11	12	0.11
(2,366)	1:70:A:LYS:H	1:73:A:ILE:HD12	12	0.11
(2,366)	1:70:A:LYS:H	1:73:A:ILE:HD13	12	0.11
(2,362)	1:69:A:MET:HE1	1:70:A:LYS:H	14	0.11
(2,362)	1:69:A:MET:HE2	1:70:A:LYS:H	14	0.11
(2,362)	1:69:A:MET:HE3	1:70:A:LYS:H	14	0.11
(2,316)	1:56:A:CYS:HA	1:122:A:ASP:H	11	0.11
(2,187)	1:60:A:LEU:H	1:63:A:ILE:HD11	5	0.11
(2,187)	1:60:A:LEU:H	1:63:A:ILE:HD12	5	0.11
(2,187)	1:60:A:LEU:H	1:63:A:ILE:HD13	5	0.11
(2,155)	1:127:A:CYS:H	1:128:A:LEU:HG	17	0.11
(2,112)	1:22:A:ASP:H	1:23:A:LEU:HB2	12	0.11
(2,112)	1:22:A:ASP:H	1:23:A:LEU:HB3	12	0.11
(2,66)	1:115:A:ALA:HB1	1:117:A:VAL:H	15	0.11
(2,66)	1:115:A:ALA:HB2	1:117:A:VAL:H	15	0.11
(2,66)	1:115:A:ALA:HB3	1:117:A:VAL:H	15	0.11
(1,2338)	1:116:A:GLN:H	1:117:A:VAL:HG11	9	0.11
(1,2338)	1:116:A:GLN:H	1:117:A:VAL:HG12	9	0.11
(1,2338)	1:116:A:GLN:H	1:117:A:VAL:HG13	9	0.11
(1,2338)	1:116:A:GLN:H	1:117:A:VAL:HG21	9	0.11
(1,2338)	1:116:A:GLN:H	1:117:A:VAL:HG22	9	0.11
(1,2338)	1:116:A:GLN:H	1:117:A:VAL:HG23	9	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2331)	1:114:A:ILE:H	1:114:A:ILE:HG12	3	0.11
(1,2331)	1:114:A:ILE:H	1:114:A:ILE:HG13	3	0.11
(1,2306)	1:107:A:LEU:HD11	1:111:A:GLU:H	3	0.11
(1,2306)	1:107:A:LEU:HD12	1:111:A:GLU:H	3	0.11
(1,2306)	1:107:A:LEU:HD13	1:111:A:GLU:H	3	0.11
(1,2306)	1:107:A:LEU:HD21	1:111:A:GLU:H	3	0.11
(1,2306)	1:107:A:LEU:HD22	1:111:A:GLU:H	3	0.11
(1,2306)	1:107:A:LEU:HD23	1:111:A:GLU:H	3	0.11
(1,2302)	1:107:A:LEU:HA	1:108:A:GLU:HG2	6	0.11
(1,2302)	1:107:A:LEU:HA	1:108:A:GLU:HG3	6	0.11
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD11	13	0.11
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD12	13	0.11
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD13	13	0.11
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD21	13	0.11
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD22	13	0.11
(1,2275)	1:98:A:ILE:HB	1:119:A:LEU:HD23	13	0.11
(1,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HG12	10	0.11
(1,2263)	1:96:A:VAL:HG11	1:98:A:ILE:HG13	10	0.11
(1,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HG12	10	0.11
(1,2263)	1:96:A:VAL:HG12	1:98:A:ILE:HG13	10	0.11
(1,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HG12	10	0.11
(1,2263)	1:96:A:VAL:HG13	1:98:A:ILE:HG13	10	0.11
(1,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HG12	10	0.11
(1,2263)	1:96:A:VAL:HG21	1:98:A:ILE:HG13	10	0.11
(1,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HG12	10	0.11
(1,2263)	1:96:A:VAL:HG22	1:98:A:ILE:HG13	10	0.11
(1,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HG12	10	0.11
(1,2263)	1:96:A:VAL:HG23	1:98:A:ILE:HG13	10	0.11
(1,2208)	1:65:A:CYS:HB2	1:69:A:MET:HE1	18	0.11
(1,2208)	1:65:A:CYS:HB2	1:69:A:MET:HE2	18	0.11
(1,2208)	1:65:A:CYS:HB2	1:69:A:MET:HE3	18	0.11
(1,2208)	1:65:A:CYS:HB3	1:69:A:MET:HE1	18	0.11
(1,2208)	1:65:A:CYS:HB3	1:69:A:MET:HE2	18	0.11
(1,2208)	1:65:A:CYS:HB3	1:69:A:MET:HE3	18	0.11
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD11	19	0.11
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD12	19	0.11
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD13	19	0.11
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD21	19	0.11
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD22	19	0.11
(1,2147)	1:47:A:ALA:HA	1:57:A:LEU:HD23	19	0.11
(1,2144)	1:47:A:ALA:H	1:57:A:LEU:HD11	10	0.11
(1,2144)	1:47:A:ALA:H	1:57:A:LEU:HD12	10	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2144)	1:47:A:ALA:H	1:57:A:LEU:HD13	10	0.11
(1,2144)	1:47:A:ALA:H	1:57:A:LEU:HD21	10	0.11
(1,2144)	1:47:A:ALA:H	1:57:A:LEU:HD22	10	0.11
(1,2144)	1:47:A:ALA:H	1:57:A:LEU:HD23	10	0.11
(1,2128)	1:41:A:LYS:HG3	1:42:A:GLU:HB2	19	0.11
(1,2128)	1:41:A:LYS:HG3	1:42:A:GLU:HB3	19	0.11
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD11	4	0.11
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD12	4	0.11
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD13	4	0.11
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD21	4	0.11
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD22	4	0.11
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD23	4	0.11
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD11	12	0.11
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD12	12	0.11
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD13	12	0.11
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD21	12	0.11
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD22	12	0.11
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD23	12	0.11
(1,2082)	1:36:A:PRO:HB3	1:39:A:VAL:HG11	16	0.11
(1,2082)	1:36:A:PRO:HB3	1:39:A:VAL:HG12	16	0.11
(1,2082)	1:36:A:PRO:HB3	1:39:A:VAL:HG13	16	0.11
(1,2082)	1:36:A:PRO:HB3	1:39:A:VAL:HG21	16	0.11
(1,2082)	1:36:A:PRO:HB3	1:39:A:VAL:HG22	16	0.11
(1,2082)	1:36:A:PRO:HB3	1:39:A:VAL:HG23	16	0.11
(1,2071)	1:35:A:LEU:HD11	1:143:A:TRP:HA	16	0.11
(1,2071)	1:35:A:LEU:HD12	1:143:A:TRP:HA	16	0.11
(1,2071)	1:35:A:LEU:HD13	1:143:A:TRP:HA	16	0.11
(1,2071)	1:35:A:LEU:HD21	1:143:A:TRP:HA	16	0.11
(1,2071)	1:35:A:LEU:HD22	1:143:A:TRP:HA	16	0.11
(1,2071)	1:35:A:LEU:HD23	1:143:A:TRP:HA	16	0.11
(1,2005)	1:18:A:PHE:HB2	1:132:A:ALA:HA	5	0.11
(1,2005)	1:18:A:PHE:HB3	1:132:A:ALA:HA	5	0.11
(1,1996)	1:17:A:ASN:HB2	1:18:A:PHE:HD1	14	0.11
(1,1996)	1:17:A:ASN:HB2	1:18:A:PHE:HD2	14	0.11
(1,1996)	1:17:A:ASN:HB3	1:18:A:PHE:HD1	14	0.11
(1,1996)	1:17:A:ASN:HB3	1:18:A:PHE:HD2	14	0.11
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	5	0.11
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	5	0.11
(1,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	5	0.11
(1,1861)	1:34:A:LYS:HB2	1:80:A:TYR:HE1	11	0.11
(1,1861)	1:34:A:LYS:HB2	1:80:A:TYR:HE2	11	0.11
(1,1861)	1:34:A:LYS:HB3	1:80:A:TYR:HE1	11	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1861)	1:34:A:LYS:HB3	1:80:A:TYR:HE2	11	0.11
(1,1816)	1:104:A:PHE:HE1	1:105:A:LYS:HA	11	0.11
(1,1816)	1:104:A:PHE:HE2	1:105:A:LYS:HA	11	0.11
(1,1795)	1:13:A:ALA:H	1:80:A:TYR:HD1	15	0.11
(1,1795)	1:13:A:ALA:H	1:80:A:TYR:HD2	15	0.11
(1,1784)	1:34:A:LYS:HB2	1:80:A:TYR:HB2	16	0.11
(1,1784)	1:34:A:LYS:HB3	1:80:A:TYR:HB2	16	0.11
(1,1763)	1:36:A:PRO:HA	1:37:A:LEU:HD21	4	0.11
(1,1763)	1:36:A:PRO:HA	1:37:A:LEU:HD22	4	0.11
(1,1763)	1:36:A:PRO:HA	1:37:A:LEU:HD23	4	0.11
(1,1738)	1:21:A:THR:HG21	1:24:A:ASP:H	3	0.11
(1,1738)	1:21:A:THR:HG22	1:24:A:ASP:H	3	0.11
(1,1738)	1:21:A:THR:HG23	1:24:A:ASP:H	3	0.11
(1,1717)	1:35:A:LEU:HB3	1:36:A:PRO:HG3	2	0.11
(1,1702)	1:73:A:ILE:HG21	1:109:A:PRO:HA	2	0.11
(1,1702)	1:73:A:ILE:HG22	1:109:A:PRO:HA	2	0.11
(1,1702)	1:73:A:ILE:HG23	1:109:A:PRO:HA	2	0.11
(1,1681)	1:107:A:LEU:H	1:111:A:GLU:HB2	5	0.11
(1,1681)	1:107:A:LEU:H	1:111:A:GLU:HB3	5	0.11
(1,1640)	1:79:A:THR:H	1:80:A:TYR:HA	17	0.11
(1,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG21	12	0.11
(1,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG22	12	0.11
(1,1611)	1:54:A:ARG:HD2	1:58:A:ILE:HG23	12	0.11
(1,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG21	12	0.11
(1,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG22	12	0.11
(1,1611)	1:54:A:ARG:HD3	1:58:A:ILE:HG23	12	0.11
(1,1603)	1:98:A:ILE:HG21	1:104:A:PHE:HE1	3	0.11
(1,1603)	1:98:A:ILE:HG21	1:104:A:PHE:HE2	3	0.11
(1,1603)	1:98:A:ILE:HG22	1:104:A:PHE:HE1	3	0.11
(1,1603)	1:98:A:ILE:HG22	1:104:A:PHE:HE2	3	0.11
(1,1603)	1:98:A:ILE:HG23	1:104:A:PHE:HE1	3	0.11
(1,1603)	1:98:A:ILE:HG23	1:104:A:PHE:HE2	3	0.11
(1,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	1	0.11
(1,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	1	0.11
(1,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	1	0.11
(1,1599)	1:98:A:ILE:HG21	1:104:A:PHE:HZ	6	0.11
(1,1599)	1:98:A:ILE:HG22	1:104:A:PHE:HZ	6	0.11
(1,1599)	1:98:A:ILE:HG23	1:104:A:PHE:HZ	6	0.11
(1,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE1	11	0.11
(1,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE2	11	0.11
(1,1549)	1:76:A:ARG:HG2	1:110:A:MET:HE3	11	0.11
(1,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE1	11	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE2	11	0.11
(1,1549)	1:76:A:ARG:HG3	1:110:A:MET:HE3	11	0.11
(1,1530)	1:69:A:MET:HE1	1:110:A:MET:H	11	0.11
(1,1530)	1:69:A:MET:HE2	1:110:A:MET:H	11	0.11
(1,1530)	1:69:A:MET:HE3	1:110:A:MET:H	11	0.11
(1,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE1	12	0.11
(1,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE2	12	0.11
(1,1527)	1:11:A:ILE:HG21	1:43:A:MET:HE3	12	0.11
(1,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE1	12	0.11
(1,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE2	12	0.11
(1,1527)	1:11:A:ILE:HG22	1:43:A:MET:HE3	12	0.11
(1,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE1	12	0.11
(1,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE2	12	0.11
(1,1527)	1:11:A:ILE:HG23	1:43:A:MET:HE3	12	0.11
(1,1524)	1:98:A:ILE:HG21	1:119:A:LEU:HG	16	0.11
(1,1524)	1:98:A:ILE:HG22	1:119:A:LEU:HG	16	0.11
(1,1524)	1:98:A:ILE:HG23	1:119:A:LEU:HG	16	0.11
(1,1514)	1:43:A:MET:HA	1:43:A:MET:HE1	17	0.11
(1,1514)	1:43:A:MET:HA	1:43:A:MET:HE2	17	0.11
(1,1514)	1:43:A:MET:HA	1:43:A:MET:HE3	17	0.11
(1,1484)	1:101:A:ILE:HG21	1:115:A:ALA:H	5	0.11
(1,1484)	1:101:A:ILE:HG22	1:115:A:ALA:H	5	0.11
(1,1484)	1:101:A:ILE:HG23	1:115:A:ALA:H	5	0.11
(1,1484)	1:101:A:ILE:HG21	1:115:A:ALA:H	11	0.11
(1,1484)	1:101:A:ILE:HG22	1:115:A:ALA:H	11	0.11
(1,1484)	1:101:A:ILE:HG23	1:115:A:ALA:H	11	0.11
(1,1467)	1:15:A:ALA:HB1	1:132:A:ALA:HA	18	0.11
(1,1467)	1:15:A:ALA:HB2	1:132:A:ALA:HA	18	0.11
(1,1467)	1:15:A:ALA:HB3	1:132:A:ALA:HA	18	0.11
(1,1428)	1:149:A:ALA:HB1	1:150:A:THR:HG21	3	0.11
(1,1428)	1:149:A:ALA:HB1	1:150:A:THR:HG22	3	0.11
(1,1428)	1:149:A:ALA:HB1	1:150:A:THR:HG23	3	0.11
(1,1428)	1:149:A:ALA:HB2	1:150:A:THR:HG21	3	0.11
(1,1428)	1:149:A:ALA:HB2	1:150:A:THR:HG22	3	0.11
(1,1428)	1:149:A:ALA:HB2	1:150:A:THR:HG23	3	0.11
(1,1428)	1:149:A:ALA:HB3	1:150:A:THR:HG21	3	0.11
(1,1428)	1:149:A:ALA:HB3	1:150:A:THR:HG22	3	0.11
(1,1428)	1:149:A:ALA:HB3	1:150:A:THR:HG23	3	0.11
(1,1408)	1:129:A:LYS:HA	1:132:A:ALA:HB1	2	0.11
(1,1408)	1:129:A:LYS:HA	1:132:A:ALA:HB2	2	0.11
(1,1408)	1:129:A:LYS:HA	1:132:A:ALA:HB3	2	0.11
(1,1361)	1:120:A:CYS:HA	1:121:A:VAL:HG11	14	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1361)	1:120:A:CYS:HA	1:121:A:VAL:HG12	14	0.11
(1,1361)	1:120:A:CYS:HA	1:121:A:VAL:HG13	14	0.11
(1,1263)	1:23:A:LEU:HD11	1:25:A:ALA:H	14	0.11
(1,1263)	1:23:A:LEU:HD12	1:25:A:ALA:H	14	0.11
(1,1263)	1:23:A:LEU:HD13	1:25:A:ALA:H	14	0.11
(1,1252)	1:37:A:LEU:HD11	1:38:A:GLU:HA	8	0.11
(1,1252)	1:37:A:LEU:HD12	1:38:A:GLU:HA	8	0.11
(1,1252)	1:37:A:LEU:HD13	1:38:A:GLU:HA	8	0.11
(1,1252)	1:37:A:LEU:HD11	1:38:A:GLU:HA	15	0.11
(1,1252)	1:37:A:LEU:HD12	1:38:A:GLU:HA	15	0.11
(1,1252)	1:37:A:LEU:HD13	1:38:A:GLU:HA	15	0.11
(1,1181)	1:43:A:MET:HB2	1:140:A:LEU:HD21	13	0.11
(1,1181)	1:43:A:MET:HB2	1:140:A:LEU:HD22	13	0.11
(1,1181)	1:43:A:MET:HB2	1:140:A:LEU:HD23	13	0.11
(1,1167)	1:101:A:ILE:HA	1:101:A:ILE:HD11	19	0.11
(1,1167)	1:101:A:ILE:HA	1:101:A:ILE:HD12	19	0.11
(1,1167)	1:101:A:ILE:HA	1:101:A:ILE:HD13	19	0.11
(1,1113)	1:42:A:GLU:HA	1:44:A:GLU:H	15	0.11
(1,1079)	1:54:A:ARG:HA	1:58:A:ILE:HG13	11	0.11
(1,1070)	1:13:A:ALA:HB1	1:79:A:THR:HA	17	0.11
(1,1070)	1:13:A:ALA:HB2	1:79:A:THR:HA	17	0.11
(1,1070)	1:13:A:ALA:HB3	1:79:A:THR:HA	17	0.11
(1,1066)	1:79:A:THR:HA	1:80:A:TYR:HD1	12	0.11
(1,1066)	1:79:A:THR:HA	1:80:A:TYR:HD2	12	0.11
(1,1035)	1:113:A:PHE:HA	1:116:A:GLN:HG3	3	0.11
(1,1033)	1:149:A:ALA:HB1	1:150:A:THR:HA	13	0.11
(1,1033)	1:149:A:ALA:HB2	1:150:A:THR:HA	13	0.11
(1,1033)	1:149:A:ALA:HB3	1:150:A:THR:HA	13	0.11
(1,964)	1:67:A:PRO:HA	1:70:A:LYS:HB2	13	0.11
(1,964)	1:67:A:PRO:HA	1:70:A:LYS:HB3	13	0.11
(1,940)	1:11:A:ILE:HD11	1:44:A:GLU:HG2	19	0.11
(1,940)	1:11:A:ILE:HD12	1:44:A:GLU:HG2	19	0.11
(1,940)	1:11:A:ILE:HD13	1:44:A:GLU:HG2	19	0.11
(1,927)	1:149:A:ALA:HB1	1:150:A:THR:HB	17	0.11
(1,927)	1:149:A:ALA:HB2	1:150:A:THR:HB	17	0.11
(1,927)	1:149:A:ALA:HB3	1:150:A:THR:HB	17	0.11
(1,892)	1:123:A:CYS:HB3	1:128:A:LEU:HD11	16	0.11
(1,892)	1:123:A:CYS:HB3	1:128:A:LEU:HD12	16	0.11
(1,892)	1:123:A:CYS:HB3	1:128:A:LEU:HD13	16	0.11
(1,865)	1:71:A:LYS:HE2	1:72:A:PHE:HE1	11	0.11
(1,865)	1:71:A:LYS:HE2	1:72:A:PHE:HE2	11	0.11
(1,865)	1:71:A:LYS:HE3	1:72:A:PHE:HE1	11	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,865)	1:71:A:LYS:HE3	1:72:A:PHE:HE2	11	0.11
(1,857)	1:48:A:ARG:HD2	1:49:A:LYS:H	13	0.11
(1,857)	1:48:A:ARG:HD3	1:49:A:LYS:H	13	0.11
(1,856)	1:48:A:ARG:H	1:48:A:ARG:HD2	4	0.11
(1,856)	1:48:A:ARG:H	1:48:A:ARG:HD3	4	0.11
(1,856)	1:48:A:ARG:H	1:48:A:ARG:HD2	18	0.11
(1,856)	1:48:A:ARG:H	1:48:A:ARG:HD3	18	0.11
(1,853)	1:103:A:ARG:HA	1:103:A:ARG:HD2	8	0.11
(1,853)	1:103:A:ARG:HA	1:103:A:ARG:HD3	8	0.11
(1,737)	1:46:A:ASN:HA	1:50:A:ALA:H	3	0.11
(1,664)	1:101:A:ILE:H	1:104:A:PHE:HB3	13	0.11
(1,650)	1:66:A:THR:H	1:69:A:MET:HA	14	0.11
(1,621)	1:23:A:LEU:HD21	1:25:A:ALA:H	12	0.11
(1,621)	1:23:A:LEU:HD22	1:25:A:ALA:H	12	0.11
(1,621)	1:23:A:LEU:HD23	1:25:A:ALA:H	12	0.11
(1,621)	1:23:A:LEU:HD21	1:25:A:ALA:H	14	0.11
(1,621)	1:23:A:LEU:HD22	1:25:A:ALA:H	14	0.11
(1,621)	1:23:A:LEU:HD23	1:25:A:ALA:H	14	0.11
(1,621)	1:23:A:LEU:HD21	1:25:A:ALA:H	18	0.11
(1,621)	1:23:A:LEU:HD22	1:25:A:ALA:H	18	0.11
(1,621)	1:23:A:LEU:HD23	1:25:A:ALA:H	18	0.11
(1,613)	1:48:A:ARG:HB2	1:51:A:GLY:H	2	0.11
(1,613)	1:48:A:ARG:HB3	1:51:A:GLY:H	2	0.11
(1,561)	1:133:A:ASN:HB2	1:133:A:ASN:HD22	7	0.11
(1,415)	1:125:A:THR:H	1:125:A:THR:HB	2	0.11
(1,415)	1:125:A:THR:H	1:125:A:THR:HB	4	0.11
(1,368)	1:69:A:MET:HE1	1:70:A:LYS:H	14	0.11
(1,368)	1:69:A:MET:HE2	1:70:A:LYS:H	14	0.11
(1,368)	1:69:A:MET:HE3	1:70:A:LYS:H	14	0.11
(1,326)	1:44:A:GLU:HG3	1:46:A:ASN:H	4	0.11
(1,322)	1:137:A:SER:HB3	1:140:A:LEU:H	15	0.11
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE1	10	0.11
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE2	10	0.11
(1,311)	1:65:A:CYS:H	1:69:A:MET:HE3	10	0.11
(1,299)	1:43:A:MET:H	1:43:A:MET:HG2	14	0.11
(1,221)	1:98:A:ILE:HD11	1:101:A:ILE:H	19	0.11
(1,221)	1:98:A:ILE:HD12	1:101:A:ILE:H	19	0.11
(1,221)	1:98:A:ILE:HD13	1:101:A:ILE:H	19	0.11
(1,135)	1:46:A:ASN:HB3	1:49:A:LYS:H	4	0.11
(1,124)	1:22:A:ASP:H	1:23:A:LEU:HB2	12	0.11
(1,124)	1:22:A:ASP:H	1:23:A:LEU:HB3	12	0.11
(1,71)	1:13:A:ALA:HB1	1:81:A:GLU:H	12	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,71)	1:13:A:ALA:HB2	1:81:A:GLU:H	12	0.11
(1,71)	1:13:A:ALA:HB3	1:81:A:GLU:H	12	0.11
(1,70)	1:115:A:ALA:HB1	1:117:A:VAL:H	15	0.11
(1,70)	1:115:A:ALA:HB2	1:117:A:VAL:H	15	0.11
(1,70)	1:115:A:ALA:HB3	1:117:A:VAL:H	15	0.11
(1,30)	1:13:A:ALA:H	1:14:A:VAL:HB	16	0.11
(1,13)	1:64:A:LYS:H	1:64:A:LYS:HE2	9	0.11
(1,13)	1:64:A:LYS:H	1:64:A:LYS:HE3	9	0.11
(1,7)	1:39:A:VAL:HG11	1:143:A:TRP:HE1	12	0.11
(1,7)	1:39:A:VAL:HG12	1:143:A:TRP:HE1	12	0.11
(1,7)	1:39:A:VAL:HG13	1:143:A:TRP:HE1	12	0.11
(34,2463)	1:139:A:LEU:HB2	1:140:A:LEU:HD11	7	0.1
(34,2463)	1:139:A:LEU:HB2	1:140:A:LEU:HD12	7	0.1
(34,2463)	1:139:A:LEU:HB2	1:140:A:LEU:HD13	7	0.1
(34,2463)	1:139:A:LEU:HB2	1:140:A:LEU:HD21	7	0.1
(34,2463)	1:139:A:LEU:HB2	1:140:A:LEU:HD22	7	0.1
(34,2463)	1:139:A:LEU:HB2	1:140:A:LEU:HD23	7	0.1
(34,2463)	1:139:A:LEU:HB3	1:140:A:LEU:HD11	7	0.1
(34,2463)	1:139:A:LEU:HB3	1:140:A:LEU:HD12	7	0.1
(34,2463)	1:139:A:LEU:HB3	1:140:A:LEU:HD13	7	0.1
(34,2463)	1:139:A:LEU:HB3	1:140:A:LEU:HD21	7	0.1
(34,2463)	1:139:A:LEU:HB3	1:140:A:LEU:HD22	7	0.1
(34,2463)	1:139:A:LEU:HB3	1:140:A:LEU:HD23	7	0.1
(34,2459)	1:139:A:LEU:H	1:139:A:LEU:HD11	4	0.1
(34,2459)	1:139:A:LEU:H	1:139:A:LEU:HD12	4	0.1
(34,2459)	1:139:A:LEU:H	1:139:A:LEU:HD13	4	0.1
(34,2459)	1:139:A:LEU:H	1:139:A:LEU:HD21	4	0.1
(34,2459)	1:139:A:LEU:H	1:139:A:LEU:HD22	4	0.1
(34,2459)	1:139:A:LEU:H	1:139:A:LEU:HD23	4	0.1
(34,2458)	1:138:A:ASP:HB2	1:139:A:LEU:HD11	19	0.1
(34,2458)	1:138:A:ASP:HB2	1:139:A:LEU:HD12	19	0.1
(34,2458)	1:138:A:ASP:HB2	1:139:A:LEU:HD13	19	0.1
(34,2458)	1:138:A:ASP:HB2	1:139:A:LEU:HD21	19	0.1
(34,2458)	1:138:A:ASP:HB2	1:139:A:LEU:HD22	19	0.1
(34,2458)	1:138:A:ASP:HB2	1:139:A:LEU:HD23	19	0.1
(34,2458)	1:138:A:ASP:HB3	1:139:A:LEU:HD11	19	0.1
(34,2458)	1:138:A:ASP:HB3	1:139:A:LEU:HD12	19	0.1
(34,2458)	1:138:A:ASP:HB3	1:139:A:LEU:HD13	19	0.1
(34,2458)	1:138:A:ASP:HB3	1:139:A:LEU:HD21	19	0.1
(34,2458)	1:138:A:ASP:HB3	1:139:A:LEU:HD22	19	0.1
(34,2458)	1:138:A:ASP:HB3	1:139:A:LEU:HD23	19	0.1
(34,2409)	1:125:A:THR:HB	1:129:A:LYS:HG2	9	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2409)	1:125:A:THR:HB	1:129:A:LYS:HG3	9	0.1
(34,2310)	1:103:A:ARG:H	1:107:A:LEU:HD11	16	0.1
(34,2310)	1:103:A:ARG:H	1:107:A:LEU:HD12	16	0.1
(34,2310)	1:103:A:ARG:H	1:107:A:LEU:HD13	16	0.1
(34,2310)	1:103:A:ARG:H	1:107:A:LEU:HD21	16	0.1
(34,2310)	1:103:A:ARG:H	1:107:A:LEU:HD22	16	0.1
(34,2310)	1:103:A:ARG:H	1:107:A:LEU:HD23	16	0.1
(34,2284)	1:96:A:VAL:HG11	1:97:A:ASP:H	12	0.1
(34,2284)	1:96:A:VAL:HG12	1:97:A:ASP:H	12	0.1
(34,2284)	1:96:A:VAL:HG13	1:97:A:ASP:H	12	0.1
(34,2284)	1:96:A:VAL:HG21	1:97:A:ASP:H	12	0.1
(34,2284)	1:96:A:VAL:HG22	1:97:A:ASP:H	12	0.1
(34,2284)	1:96:A:VAL:HG23	1:97:A:ASP:H	12	0.1
(34,2217)	1:64:A:LYS:H	1:116:A:GLN:HE21	15	0.1
(34,2217)	1:64:A:LYS:H	1:116:A:GLN:HE22	15	0.1
(34,2118)	1:39:A:VAL:HG11	1:139:A:LEU:HB2	5	0.1
(34,2118)	1:39:A:VAL:HG11	1:139:A:LEU:HB3	5	0.1
(34,2118)	1:39:A:VAL:HG12	1:139:A:LEU:HB2	5	0.1
(34,2118)	1:39:A:VAL:HG12	1:139:A:LEU:HB3	5	0.1
(34,2118)	1:39:A:VAL:HG13	1:139:A:LEU:HB2	5	0.1
(34,2118)	1:39:A:VAL:HG13	1:139:A:LEU:HB3	5	0.1
(34,2118)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	5	0.1
(34,2118)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	5	0.1
(34,2118)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	5	0.1
(34,2118)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	5	0.1
(34,2118)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	5	0.1
(34,2118)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	5	0.1
(34,2088)	1:35:A:LEU:HD11	1:143:A:TRP:HZ3	19	0.1
(34,2088)	1:35:A:LEU:HD12	1:143:A:TRP:HZ3	19	0.1
(34,2088)	1:35:A:LEU:HD13	1:143:A:TRP:HZ3	19	0.1
(34,2088)	1:35:A:LEU:HD21	1:143:A:TRP:HZ3	19	0.1
(34,2088)	1:35:A:LEU:HD22	1:143:A:TRP:HZ3	19	0.1
(34,2088)	1:35:A:LEU:HD23	1:143:A:TRP:HZ3	19	0.1
(34,2049)	1:23:A:LEU:HD11	1:25:A:ALA:H	5	0.1
(34,2049)	1:23:A:LEU:HD12	1:25:A:ALA:H	5	0.1
(34,2049)	1:23:A:LEU:HD13	1:25:A:ALA:H	5	0.1
(34,2049)	1:23:A:LEU:HD21	1:25:A:ALA:H	5	0.1
(34,2049)	1:23:A:LEU:HD22	1:25:A:ALA:H	5	0.1
(34,2049)	1:23:A:LEU:HD23	1:25:A:ALA:H	5	0.1
(34,2043)	1:22:A:ASP:H	1:23:A:LEU:HD11	5	0.1
(34,2043)	1:22:A:ASP:H	1:23:A:LEU:HD12	5	0.1
(34,2043)	1:22:A:ASP:H	1:23:A:LEU:HD13	5	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,2043)	1:22:A:ASP:H	1:23:A:LEU:HD21	5	0.1
(34,2043)	1:22:A:ASP:H	1:23:A:LEU:HD22	5	0.1
(34,2043)	1:22:A:ASP:H	1:23:A:LEU:HD23	5	0.1
(34,1969)	1:12:A:VAL:HG11	1:13:A:ALA:HA	3	0.1
(34,1969)	1:12:A:VAL:HG12	1:13:A:ALA:HA	3	0.1
(34,1969)	1:12:A:VAL:HG13	1:13:A:ALA:HA	3	0.1
(34,1969)	1:12:A:VAL:HG21	1:13:A:ALA:HA	3	0.1
(34,1969)	1:12:A:VAL:HG22	1:13:A:ALA:HA	3	0.1
(34,1969)	1:12:A:VAL:HG23	1:13:A:ALA:HA	3	0.1
(34,1901)	1:18:A:PHE:HE1	1:60:A:LEU:HB2	19	0.1
(34,1901)	1:18:A:PHE:HE2	1:60:A:LEU:HB2	19	0.1
(34,1899)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	17	0.1
(34,1899)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	17	0.1
(34,1899)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	17	0.1
(34,1876)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	7	0.1
(34,1876)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	7	0.1
(34,1830)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	17	0.1
(34,1830)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	17	0.1
(34,1804)	1:13:A:ALA:HA	1:80:A:TYR:HD1	11	0.1
(34,1804)	1:13:A:ALA:HA	1:80:A:TYR:HD2	11	0.1
(34,1681)	1:107:A:LEU:H	1:111:A:GLU:HB2	9	0.1
(34,1681)	1:107:A:LEU:H	1:111:A:GLU:HB3	9	0.1
(34,1677)	1:107:A:LEU:HB2	1:112:A:GLN:HB2	5	0.1
(34,1677)	1:107:A:LEU:HB2	1:112:A:GLN:HB3	5	0.1
(34,1677)	1:107:A:LEU:HB3	1:112:A:GLN:HB2	5	0.1
(34,1677)	1:107:A:LEU:HB3	1:112:A:GLN:HB3	5	0.1
(34,1627)	1:24:A:ASP:HA	1:27:A:ARG:HA	4	0.1
(34,1541)	1:69:A:MET:HE1	1:113:A:PHE:HB3	11	0.1
(34,1541)	1:69:A:MET:HE2	1:113:A:PHE:HB3	11	0.1
(34,1541)	1:69:A:MET:HE3	1:113:A:PHE:HB3	11	0.1
(34,1532)	1:65:A:CYS:H	1:69:A:MET:HE1	3	0.1
(34,1532)	1:65:A:CYS:H	1:69:A:MET:HE2	3	0.1
(34,1532)	1:65:A:CYS:H	1:69:A:MET:HE3	3	0.1
(34,1491)	1:101:A:ILE:HG21	1:115:A:ALA:H	16	0.1
(34,1491)	1:101:A:ILE:HG22	1:115:A:ALA:H	16	0.1
(34,1491)	1:101:A:ILE:HG23	1:115:A:ALA:H	16	0.1
(34,1490)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	1	0.1
(34,1432)	1:69:A:MET:HA	1:73:A:ILE:HG21	1	0.1
(34,1432)	1:69:A:MET:HA	1:73:A:ILE:HG22	1	0.1
(34,1432)	1:69:A:MET:HA	1:73:A:ILE:HG23	1	0.1
(34,1358)	1:105:A:LYS:HB2	1:106:A:ASP:HA	8	0.1
(34,1358)	1:105:A:LYS:HB3	1:106:A:ASP:HA	8	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,1246)	1:110:A:MET:HA	1:113:A:PHE:HB2	2	0.1
(34,1186)	1:150:A:THR:HG21	1:151:A:PHE:HA	6	0.1
(34,1186)	1:150:A:THR:HG22	1:151:A:PHE:HA	6	0.1
(34,1186)	1:150:A:THR:HG23	1:151:A:PHE:HA	6	0.1
(34,1161)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	7	0.1
(34,1161)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	7	0.1
(34,1161)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	7	0.1
(34,1161)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	7	0.1
(34,1161)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	7	0.1
(34,1161)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	7	0.1
(34,1087)	1:95:A:ILE:HA	1:96:A:VAL:HB	5	0.1
(34,1044)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	16	0.1
(34,1044)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	16	0.1
(34,1044)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	16	0.1
(34,1044)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	16	0.1
(34,841)	1:27:A:ARG:H	1:27:A:ARG:HD2	17	0.1
(34,841)	1:27:A:ARG:H	1:27:A:ARG:HD3	17	0.1
(34,820)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	13	0.1
(34,820)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	13	0.1
(34,820)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	13	0.1
(34,820)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	13	0.1
(34,820)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	13	0.1
(34,820)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	13	0.1
(34,801)	1:63:A:ILE:HD11	1:117:A:VAL:HB	1	0.1
(34,801)	1:63:A:ILE:HD12	1:117:A:VAL:HB	1	0.1
(34,801)	1:63:A:ILE:HD13	1:117:A:VAL:HB	1	0.1
(34,782)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	3	0.1
(34,782)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	3	0.1
(34,782)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	3	0.1
(34,782)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	3	0.1
(34,782)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	3	0.1
(34,782)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	3	0.1
(34,568)	1:124:A:THR:H	1:128:A:LEU:HD11	16	0.1
(34,568)	1:124:A:THR:H	1:128:A:LEU:HD12	16	0.1
(34,568)	1:124:A:THR:H	1:128:A:LEU:HD13	16	0.1
(34,559)	1:59:A:CYS:HB3	1:61:A:SER:H	4	0.1
(34,554)	1:60:A:LEU:HD11	1:61:A:SER:H	19	0.1
(34,554)	1:60:A:LEU:HD12	1:61:A:SER:H	19	0.1
(34,554)	1:60:A:LEU:HD13	1:61:A:SER:H	19	0.1
(34,481)	1:14:A:VAL:H	1:61:A:SER:HA	1	0.1
(34,481)	1:14:A:VAL:H	1:61:A:SER:HA	15	0.1
(34,398)	1:119:A:LEU:H	1:120:A:CYS:HB2	9	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(34,325)	1:136:A:CYS:HA	1:140:A:LEU:H	17	0.1
(34,233)	1:10:A:ASN:H	1:10:A:ASN:HB3	3	0.1
(34,64)	1:81:A:GLU:H	1:81:A:GLU:HG2	4	0.1
(34,64)	1:81:A:GLU:H	1:81:A:GLU:HG3	4	0.1
(34,52)	1:45:A:ALA:HB1	1:47:A:ALA:H	16	0.1
(34,52)	1:45:A:ALA:HB2	1:47:A:ALA:H	16	0.1
(34,52)	1:45:A:ALA:HB3	1:47:A:ALA:H	16	0.1
(34,42)	1:43:A:MET:HA	1:47:A:ALA:H	16	0.1
(33,2416)	1:127:A:CYS:H	1:129:A:LYS:HG2	8	0.1
(33,2416)	1:127:A:CYS:H	1:129:A:LYS:HG3	8	0.1
(33,2411)	1:125:A:THR:HB	1:129:A:LYS:HG2	9	0.1
(33,2411)	1:125:A:THR:HB	1:129:A:LYS:HG3	9	0.1
(33,2292)	1:81:A:GLU:H	1:81:A:GLU:HB2	4	0.1
(33,2292)	1:81:A:GLU:H	1:81:A:GLU:HB3	4	0.1
(33,2255)	1:69:A:MET:HG2	1:109:A:PRO:HA	7	0.1
(33,2255)	1:69:A:MET:HG3	1:109:A:PRO:HA	7	0.1
(33,2231)	1:65:A:CYS:HB2	1:70:A:LYS:H	17	0.1
(33,2231)	1:65:A:CYS:HB3	1:70:A:LYS:H	17	0.1
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	17	0.1
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	17	0.1
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	17	0.1
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	17	0.1
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	17	0.1
(33,2217)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	17	0.1
(33,2039)	1:23:A:LEU:HD11	1:25:A:ALA:H	3	0.1
(33,2039)	1:23:A:LEU:HD12	1:25:A:ALA:H	3	0.1
(33,2039)	1:23:A:LEU:HD13	1:25:A:ALA:H	3	0.1
(33,2039)	1:23:A:LEU:HD21	1:25:A:ALA:H	3	0.1
(33,2039)	1:23:A:LEU:HD22	1:25:A:ALA:H	3	0.1
(33,2039)	1:23:A:LEU:HD23	1:25:A:ALA:H	3	0.1
(33,1949)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	13	0.1
(33,1949)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	13	0.1
(33,1949)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	13	0.1
(33,1949)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	13	0.1
(33,1949)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	13	0.1
(33,1949)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	13	0.1
(33,1949)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	13	0.1
(33,1949)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	13	0.1
(33,1949)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	13	0.1
(33,1949)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	13	0.1
(33,1949)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	13	0.1
(33,1949)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	13	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1949)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	13	0.1
(33,1949)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	13	0.1
(33,1949)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	13	0.1
(33,1949)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	13	0.1
(33,1949)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	13	0.1
(33,1949)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	13	0.1
(33,1948)	1:11:A:ILE:HG21	1:12:A:VAL:HG11	6	0.1
(33,1948)	1:11:A:ILE:HG21	1:12:A:VAL:HG12	6	0.1
(33,1948)	1:11:A:ILE:HG21	1:12:A:VAL:HG13	6	0.1
(33,1948)	1:11:A:ILE:HG21	1:12:A:VAL:HG21	6	0.1
(33,1948)	1:11:A:ILE:HG21	1:12:A:VAL:HG22	6	0.1
(33,1948)	1:11:A:ILE:HG21	1:12:A:VAL:HG23	6	0.1
(33,1948)	1:11:A:ILE:HG22	1:12:A:VAL:HG11	6	0.1
(33,1948)	1:11:A:ILE:HG22	1:12:A:VAL:HG12	6	0.1
(33,1948)	1:11:A:ILE:HG22	1:12:A:VAL:HG13	6	0.1
(33,1948)	1:11:A:ILE:HG22	1:12:A:VAL:HG21	6	0.1
(33,1948)	1:11:A:ILE:HG22	1:12:A:VAL:HG22	6	0.1
(33,1948)	1:11:A:ILE:HG22	1:12:A:VAL:HG23	6	0.1
(33,1948)	1:11:A:ILE:HG23	1:12:A:VAL:HG11	6	0.1
(33,1948)	1:11:A:ILE:HG23	1:12:A:VAL:HG12	6	0.1
(33,1948)	1:11:A:ILE:HG23	1:12:A:VAL:HG13	6	0.1
(33,1948)	1:11:A:ILE:HG23	1:12:A:VAL:HG21	6	0.1
(33,1948)	1:11:A:ILE:HG23	1:12:A:VAL:HG22	6	0.1
(33,1948)	1:11:A:ILE:HG23	1:12:A:VAL:HG23	6	0.1
(33,1902)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	19	0.1
(33,1902)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	19	0.1
(33,1902)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	19	0.1
(33,1902)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	19	0.1
(33,1902)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	19	0.1
(33,1902)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	19	0.1
(33,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	11	0.1
(33,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	11	0.1
(33,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	11	0.1
(33,1817)	1:9:A:PHE:HZ	1:54:A:ARG:HE	6	0.1
(33,1815)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	17	0.1
(33,1815)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	17	0.1
(33,1803)	1:101:A:ILE:HB	1:104:A:PHE:HD1	13	0.1
(33,1803)	1:101:A:ILE:HB	1:104:A:PHE:HD2	13	0.1
(33,1771)	1:9:A:PHE:HZ	1:54:A:ARG:HA	10	0.1
(33,1659)	1:107:A:LEU:H	1:111:A:GLU:HB2	9	0.1
(33,1659)	1:107:A:LEU:H	1:111:A:GLU:HB3	9	0.1
(33,1642)	1:46:A:ASN:HD22	1:134:A:VAL:HG21	3	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1642)	1:46:A:ASN:HD22	1:134:A:VAL:HG22	3	0.1
(33,1642)	1:46:A:ASN:HD22	1:134:A:VAL:HG23	3	0.1
(33,1603)	1:24:A:ASP:HA	1:27:A:ARG:HA	4	0.1
(33,1597)	1:72:A:PHE:H	1:73:A:ILE:HG21	6	0.1
(33,1597)	1:72:A:PHE:H	1:73:A:ILE:HG22	6	0.1
(33,1597)	1:72:A:PHE:H	1:73:A:ILE:HG23	6	0.1
(33,1540)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	7	0.1
(33,1540)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	7	0.1
(33,1540)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	7	0.1
(33,1540)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	7	0.1
(33,1540)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	7	0.1
(33,1540)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	7	0.1
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE1	19	0.1
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE2	19	0.1
(33,1536)	1:63:A:ILE:HG21	1:69:A:MET:HE3	19	0.1
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE1	19	0.1
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE2	19	0.1
(33,1536)	1:63:A:ILE:HG22	1:69:A:MET:HE3	19	0.1
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE1	19	0.1
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE2	19	0.1
(33,1536)	1:63:A:ILE:HG23	1:69:A:MET:HE3	19	0.1
(33,1518)	1:69:A:MET:HE1	1:113:A:PHE:HB3	11	0.1
(33,1518)	1:69:A:MET:HE2	1:113:A:PHE:HB3	11	0.1
(33,1518)	1:69:A:MET:HE3	1:113:A:PHE:HB3	11	0.1
(33,1508)	1:69:A:MET:HE1	1:114:A:ILE:H	16	0.1
(33,1508)	1:69:A:MET:HE2	1:114:A:ILE:H	16	0.1
(33,1508)	1:69:A:MET:HE3	1:114:A:ILE:H	16	0.1
(33,1503)	1:98:A:ILE:HG21	1:119:A:LEU:HG	10	0.1
(33,1503)	1:98:A:ILE:HG22	1:119:A:LEU:HG	10	0.1
(33,1503)	1:98:A:ILE:HG23	1:119:A:LEU:HG	10	0.1
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE1	18	0.1
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE2	18	0.1
(33,1496)	1:16:A:SER:HA	1:43:A:MET:HE3	18	0.1
(33,1469)	1:101:A:ILE:HG21	1:115:A:ALA:H	16	0.1
(33,1469)	1:101:A:ILE:HG22	1:115:A:ALA:H	16	0.1
(33,1469)	1:101:A:ILE:HG23	1:115:A:ALA:H	16	0.1
(33,1424)	1:121:A:VAL:HG21	1:122:A:ASP:H	11	0.1
(33,1424)	1:121:A:VAL:HG22	1:122:A:ASP:H	11	0.1
(33,1424)	1:121:A:VAL:HG23	1:122:A:ASP:H	11	0.1
(33,1363)	1:119:A:LEU:HB2	1:121:A:VAL:HG11	6	0.1
(33,1363)	1:119:A:LEU:HB2	1:121:A:VAL:HG12	6	0.1
(33,1363)	1:119:A:LEU:HB2	1:121:A:VAL:HG13	6	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG11	8	0.1
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG12	8	0.1
(33,1361)	1:119:A:LEU:HA	1:121:A:VAL:HG13	8	0.1
(33,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	10	0.1
(33,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	10	0.1
(33,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	10	0.1
(33,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	10	0.1
(33,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	10	0.1
(33,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	10	0.1
(33,1201)	1:104:A:PHE:HA	1:107:A:LEU:HD21	11	0.1
(33,1201)	1:104:A:PHE:HA	1:107:A:LEU:HD22	11	0.1
(33,1201)	1:104:A:PHE:HA	1:107:A:LEU:HD23	11	0.1
(33,1189)	1:119:A:LEU:HB2	1:119:A:LEU:HD21	7	0.1
(33,1189)	1:119:A:LEU:HB2	1:119:A:LEU:HD22	7	0.1
(33,1189)	1:119:A:LEU:HB2	1:119:A:LEU:HD23	7	0.1
(33,1189)	1:119:A:LEU:HB2	1:119:A:LEU:HD21	9	0.1
(33,1189)	1:119:A:LEU:HB2	1:119:A:LEU:HD22	9	0.1
(33,1189)	1:119:A:LEU:HB2	1:119:A:LEU:HD23	9	0.1
(33,1189)	1:119:A:LEU:HB2	1:119:A:LEU:HD21	17	0.1
(33,1189)	1:119:A:LEU:HB2	1:119:A:LEU:HD22	17	0.1
(33,1189)	1:119:A:LEU:HB2	1:119:A:LEU:HD23	17	0.1
(33,1127)	1:40:A:LEU:HA	1:40:A:LEU:HD21	13	0.1
(33,1127)	1:40:A:LEU:HA	1:40:A:LEU:HD22	13	0.1
(33,1127)	1:40:A:LEU:HA	1:40:A:LEU:HD23	13	0.1
(33,1070)	1:54:A:ARG:HA	1:57:A:LEU:HB3	6	0.1
(33,1057)	1:95:A:ILE:HA	1:96:A:VAL:HB	5	0.1
(33,1030)	1:41:A:LYS:HA	1:44:A:GLU:HB2	19	0.1
(33,1030)	1:41:A:LYS:HA	1:44:A:GLU:HB3	19	0.1
(33,991)	1:104:A:PHE:H	1:105:A:LYS:HB2	15	0.1
(33,991)	1:104:A:PHE:H	1:105:A:LYS:HB3	15	0.1
(33,867)	1:39:A:VAL:H	1:139:A:LEU:HB2	3	0.1
(33,867)	1:39:A:VAL:H	1:139:A:LEU:HB3	3	0.1
(33,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD21	7	0.1
(33,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD22	7	0.1
(33,825)	1:98:A:ILE:HD11	1:119:A:LEU:HD23	7	0.1
(33,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD21	7	0.1
(33,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD22	7	0.1
(33,825)	1:98:A:ILE:HD12	1:119:A:LEU:HD23	7	0.1
(33,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD21	7	0.1
(33,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD22	7	0.1
(33,825)	1:98:A:ILE:HD13	1:119:A:LEU:HD23	7	0.1
(33,816)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	13	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(33,816)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	13	0.1
(33,816)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	13	0.1
(33,816)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	13	0.1
(33,816)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	13	0.1
(33,816)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	13	0.1
(33,629)	1:11:A:ILE:HA	1:15:A:ALA:H	4	0.1
(33,627)	1:57:A:LEU:H	1:58:A:ILE:HD11	14	0.1
(33,627)	1:57:A:LEU:H	1:58:A:ILE:HD12	14	0.1
(33,627)	1:57:A:LEU:H	1:58:A:ILE:HD13	14	0.1
(33,479)	1:147:A:ARG:HG2	1:148:A:CYS:H	3	0.1
(33,479)	1:147:A:ARG:HG3	1:148:A:CYS:H	3	0.1
(33,340)	1:120:A:CYS:HA	1:123:A:CYS:H	17	0.1
(33,318)	1:56:A:CYS:HA	1:122:A:ASP:H	5	0.1
(33,307)	1:65:A:CYS:H	1:69:A:MET:HE1	3	0.1
(33,307)	1:65:A:CYS:H	1:69:A:MET:HE2	3	0.1
(33,307)	1:65:A:CYS:H	1:69:A:MET:HE3	3	0.1
(33,226)	1:10:A:ASN:H	1:10:A:ASN:HB3	3	0.1
(33,75)	1:63:A:ILE:HG21	1:117:A:VAL:H	12	0.1
(33,75)	1:63:A:ILE:HG22	1:117:A:VAL:H	12	0.1
(33,75)	1:63:A:ILE:HG23	1:117:A:VAL:H	12	0.1
(33,70)	1:81:A:GLU:H	1:81:A:GLU:HG2	4	0.1
(33,70)	1:81:A:GLU:H	1:81:A:GLU:HG3	4	0.1
(33,20)	1:93:A:GLU:HG2	1:94:A:ALA:H	7	0.1
(33,20)	1:93:A:GLU:HG3	1:94:A:ALA:H	7	0.1
(33,20)	1:93:A:GLU:HG2	1:94:A:ALA:H	13	0.1
(33,20)	1:93:A:GLU:HG3	1:94:A:ALA:H	13	0.1
(32,2451)	1:139:A:LEU:HB2	1:140:A:LEU:HD11	7	0.1
(32,2451)	1:139:A:LEU:HB2	1:140:A:LEU:HD12	7	0.1
(32,2451)	1:139:A:LEU:HB2	1:140:A:LEU:HD13	7	0.1
(32,2451)	1:139:A:LEU:HB2	1:140:A:LEU:HD21	7	0.1
(32,2451)	1:139:A:LEU:HB2	1:140:A:LEU:HD22	7	0.1
(32,2451)	1:139:A:LEU:HB2	1:140:A:LEU:HD23	7	0.1
(32,2451)	1:139:A:LEU:HB3	1:140:A:LEU:HD11	7	0.1
(32,2451)	1:139:A:LEU:HB3	1:140:A:LEU:HD12	7	0.1
(32,2451)	1:139:A:LEU:HB3	1:140:A:LEU:HD13	7	0.1
(32,2451)	1:139:A:LEU:HB3	1:140:A:LEU:HD21	7	0.1
(32,2451)	1:139:A:LEU:HB3	1:140:A:LEU:HD22	7	0.1
(32,2451)	1:139:A:LEU:HB3	1:140:A:LEU:HD23	7	0.1
(32,2435)	1:134:A:VAL:HG11	1:137:A:SER:H	10	0.1
(32,2435)	1:134:A:VAL:HG12	1:137:A:SER:H	10	0.1
(32,2435)	1:134:A:VAL:HG13	1:137:A:SER:H	10	0.1
(32,2435)	1:134:A:VAL:HG21	1:137:A:SER:H	10	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2435)	1:134:A:VAL:HG22	1:137:A:SER:H	10	0.1
(32,2435)	1:134:A:VAL:HG23	1:137:A:SER:H	10	0.1
(32,2435)	1:134:A:VAL:HG11	1:137:A:SER:H	17	0.1
(32,2435)	1:134:A:VAL:HG12	1:137:A:SER:H	17	0.1
(32,2435)	1:134:A:VAL:HG13	1:137:A:SER:H	17	0.1
(32,2435)	1:134:A:VAL:HG21	1:137:A:SER:H	17	0.1
(32,2435)	1:134:A:VAL:HG22	1:137:A:SER:H	17	0.1
(32,2435)	1:134:A:VAL:HG23	1:137:A:SER:H	17	0.1
(32,2292)	1:97:A:ASP:HA	1:105:A:LYS:HG2	19	0.1
(32,2292)	1:97:A:ASP:HA	1:105:A:LYS:HG3	19	0.1
(32,2282)	1:96:A:VAL:HG11	1:97:A:ASP:H	12	0.1
(32,2282)	1:96:A:VAL:HG12	1:97:A:ASP:H	12	0.1
(32,2282)	1:96:A:VAL:HG13	1:97:A:ASP:H	12	0.1
(32,2282)	1:96:A:VAL:HG21	1:97:A:ASP:H	12	0.1
(32,2282)	1:96:A:VAL:HG22	1:97:A:ASP:H	12	0.1
(32,2282)	1:96:A:VAL:HG23	1:97:A:ASP:H	12	0.1
(32,2265)	1:75:A:GLY:H	1:76:A:ARG:HB2	3	0.1
(32,2265)	1:75:A:GLY:H	1:76:A:ARG:HB3	3	0.1
(32,2234)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	13	0.1
(32,2234)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	13	0.1
(32,2145)	1:44:A:GLU:HG2	1:46:A:ASN:H	10	0.1
(32,2145)	1:44:A:GLU:HG3	1:46:A:ASN:H	10	0.1
(32,2101)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	9	0.1
(32,2101)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	9	0.1
(32,2101)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	9	0.1
(32,2101)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	9	0.1
(32,2101)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	9	0.1
(32,2101)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	9	0.1
(32,2056)	1:35:A:LEU:HD11	1:39:A:VAL:HB	6	0.1
(32,2056)	1:35:A:LEU:HD12	1:39:A:VAL:HB	6	0.1
(32,2056)	1:35:A:LEU:HD13	1:39:A:VAL:HB	6	0.1
(32,2056)	1:35:A:LEU:HD21	1:39:A:VAL:HB	6	0.1
(32,2056)	1:35:A:LEU:HD22	1:39:A:VAL:HB	6	0.1
(32,2056)	1:35:A:LEU:HD23	1:39:A:VAL:HB	6	0.1
(32,2032)	1:30:A:LEU:HD11	1:31:A:PRO:HD2	10	0.1
(32,2032)	1:30:A:LEU:HD11	1:31:A:PRO:HD3	10	0.1
(32,2032)	1:30:A:LEU:HD12	1:31:A:PRO:HD2	10	0.1
(32,2032)	1:30:A:LEU:HD12	1:31:A:PRO:HD3	10	0.1
(32,2032)	1:30:A:LEU:HD13	1:31:A:PRO:HD2	10	0.1
(32,2032)	1:30:A:LEU:HD13	1:31:A:PRO:HD3	10	0.1
(32,2032)	1:30:A:LEU:HD21	1:31:A:PRO:HD2	10	0.1
(32,2032)	1:30:A:LEU:HD21	1:31:A:PRO:HD3	10	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,2032)	1:30:A:LEU:HD22	1:31:A:PRO:HD2	10	0.1
(32,2032)	1:30:A:LEU:HD22	1:31:A:PRO:HD3	10	0.1
(32,2032)	1:30:A:LEU:HD23	1:31:A:PRO:HD2	10	0.1
(32,2032)	1:30:A:LEU:HD23	1:31:A:PRO:HD3	10	0.1
(32,2006)	1:23:A:LEU:HD11	1:25:A:ALA:H	19	0.1
(32,2006)	1:23:A:LEU:HD12	1:25:A:ALA:H	19	0.1
(32,2006)	1:23:A:LEU:HD13	1:25:A:ALA:H	19	0.1
(32,2006)	1:23:A:LEU:HD21	1:25:A:ALA:H	19	0.1
(32,2006)	1:23:A:LEU:HD22	1:25:A:ALA:H	19	0.1
(32,2006)	1:23:A:LEU:HD23	1:25:A:ALA:H	19	0.1
(32,1990)	1:18:A:PHE:HD1	1:128:A:LEU:HD11	11	0.1
(32,1990)	1:18:A:PHE:HD1	1:128:A:LEU:HD12	11	0.1
(32,1990)	1:18:A:PHE:HD1	1:128:A:LEU:HD13	11	0.1
(32,1990)	1:18:A:PHE:HD1	1:128:A:LEU:HD21	11	0.1
(32,1990)	1:18:A:PHE:HD1	1:128:A:LEU:HD22	11	0.1
(32,1990)	1:18:A:PHE:HD1	1:128:A:LEU:HD23	11	0.1
(32,1990)	1:18:A:PHE:HD2	1:128:A:LEU:HD11	11	0.1
(32,1990)	1:18:A:PHE:HD2	1:128:A:LEU:HD12	11	0.1
(32,1990)	1:18:A:PHE:HD2	1:128:A:LEU:HD13	11	0.1
(32,1990)	1:18:A:PHE:HD2	1:128:A:LEU:HD21	11	0.1
(32,1990)	1:18:A:PHE:HD2	1:128:A:LEU:HD22	11	0.1
(32,1990)	1:18:A:PHE:HD2	1:128:A:LEU:HD23	11	0.1
(32,1857)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	11	0.1
(32,1857)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	11	0.1
(32,1857)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	11	0.1
(32,1852)	1:104:A:PHE:HE1	1:115:A:ALA:H	15	0.1
(32,1852)	1:104:A:PHE:HE2	1:115:A:ALA:H	15	0.1
(32,1852)	1:104:A:PHE:HE1	1:115:A:ALA:H	17	0.1
(32,1852)	1:104:A:PHE:HE2	1:115:A:ALA:H	17	0.1
(32,1844)	1:71:A:LYS:HG3	1:72:A:PHE:HD1	6	0.1
(32,1844)	1:71:A:LYS:HG3	1:72:A:PHE:HD2	6	0.1
(32,1783)	1:18:A:PHE:HE1	1:131:A:LEU:HB2	9	0.1
(32,1783)	1:18:A:PHE:HE2	1:131:A:LEU:HB2	9	0.1
(32,1769)	1:101:A:ILE:HB	1:104:A:PHE:HD1	13	0.1
(32,1769)	1:101:A:ILE:HB	1:104:A:PHE:HD2	13	0.1
(32,1751)	1:13:A:ALA:HA	1:80:A:TYR:HD1	11	0.1
(32,1751)	1:13:A:ALA:HA	1:80:A:TYR:HD2	11	0.1
(32,1693)	1:18:A:PHE:HB3	1:132:A:ALA:HA	2	0.1
(32,1693)	1:18:A:PHE:HB2	1:132:A:ALA:HA	2	0.1
(32,1577)	1:24:A:ASP:HA	1:27:A:ARG:HA	4	0.1
(32,1487)	1:69:A:MET:HE1	1:113:A:PHE:HB3	11	0.1
(32,1487)	1:69:A:MET:HE2	1:113:A:PHE:HB3	11	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1487)	1:69:A:MET:HE3	1:113:A:PHE:HB3	11	0.1
(32,1477)	1:65:A:CYS:H	1:69:A:MET:HE1	3	0.1
(32,1477)	1:65:A:CYS:H	1:69:A:MET:HE2	3	0.1
(32,1477)	1:65:A:CYS:H	1:69:A:MET:HE3	3	0.1
(32,1447)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	9	0.1
(32,1447)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	9	0.1
(32,1447)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	9	0.1
(32,1447)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	9	0.1
(32,1447)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	9	0.1
(32,1447)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	9	0.1
(32,1436)	1:101:A:ILE:HG21	1:115:A:ALA:H	16	0.1
(32,1436)	1:101:A:ILE:HG22	1:115:A:ALA:H	16	0.1
(32,1436)	1:101:A:ILE:HG23	1:115:A:ALA:H	16	0.1
(32,1383)	1:69:A:MET:HA	1:73:A:ILE:HG21	1	0.1
(32,1383)	1:69:A:MET:HA	1:73:A:ILE:HG22	1	0.1
(32,1383)	1:69:A:MET:HA	1:73:A:ILE:HG23	1	0.1
(32,1375)	1:100:A:ALA:HB1	1:119:A:LEU:HD11	6	0.1
(32,1375)	1:100:A:ALA:HB1	1:119:A:LEU:HD12	6	0.1
(32,1375)	1:100:A:ALA:HB1	1:119:A:LEU:HD13	6	0.1
(32,1375)	1:100:A:ALA:HB2	1:119:A:LEU:HD11	6	0.1
(32,1375)	1:100:A:ALA:HB2	1:119:A:LEU:HD12	6	0.1
(32,1375)	1:100:A:ALA:HB2	1:119:A:LEU:HD13	6	0.1
(32,1375)	1:100:A:ALA:HB3	1:119:A:LEU:HD11	6	0.1
(32,1375)	1:100:A:ALA:HB3	1:119:A:LEU:HD12	6	0.1
(32,1375)	1:100:A:ALA:HB3	1:119:A:LEU:HD13	6	0.1
(32,1316)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	10	0.1
(32,1316)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	10	0.1
(32,1316)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	10	0.1
(32,1316)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	10	0.1
(32,1316)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	10	0.1
(32,1316)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	10	0.1
(32,1236)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	12	0.1
(32,1236)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	12	0.1
(32,1236)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	12	0.1
(32,1236)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	12	0.1
(32,1236)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	12	0.1
(32,1236)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	12	0.1
(32,1216)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	10	0.1
(32,1216)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	10	0.1
(32,1216)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	10	0.1
(32,1216)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	10	0.1
(32,1216)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	10	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(32,1216)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	10	0.1
(32,1216)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	10	0.1
(32,1216)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	10	0.1
(32,1216)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	10	0.1
(32,1155)	1:100:A:ALA:HA	1:119:A:LEU:HD21	16	0.1
(32,1155)	1:100:A:ALA:HA	1:119:A:LEU:HD22	16	0.1
(32,1155)	1:100:A:ALA:HA	1:119:A:LEU:HD23	16	0.1
(32,1151)	1:107:A:LEU:H	1:107:A:LEU:HD21	2	0.1
(32,1151)	1:107:A:LEU:H	1:107:A:LEU:HD22	2	0.1
(32,1151)	1:107:A:LEU:H	1:107:A:LEU:HD23	2	0.1
(32,1091)	1:40:A:LEU:HA	1:44:A:GLU:HB2	18	0.1
(32,1091)	1:40:A:LEU:HA	1:44:A:GLU:HB3	18	0.1
(32,1043)	1:54:A:ARG:HA	1:57:A:LEU:HB3	6	0.1
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD11	14	0.1
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD12	14	0.1
(32,1031)	1:95:A:ILE:HA	1:95:A:ILE:HD13	14	0.1
(32,987)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	16	0.1
(32,987)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	16	0.1
(32,987)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	16	0.1
(32,987)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	16	0.1
(32,967)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	18	0.1
(32,933)	1:11:A:ILE:HG13	1:43:A:MET:HB2	6	0.1
(32,773)	1:63:A:ILE:HD11	1:117:A:VAL:HB	1	0.1
(32,773)	1:63:A:ILE:HD12	1:117:A:VAL:HB	1	0.1
(32,773)	1:63:A:ILE:HD13	1:117:A:VAL:HB	1	0.1
(32,604)	1:120:A:CYS:H	1:121:A:VAL:H	10	0.1
(32,366)	1:40:A:LEU:HB2	1:41:A:LYS:H	4	0.1
(32,330)	1:120:A:CYS:HA	1:123:A:CYS:H	17	0.1
(32,243)	1:57:A:LEU:HD21	1:58:A:ILE:H	1	0.1
(32,243)	1:57:A:LEU:HD22	1:58:A:ILE:H	1	0.1
(32,243)	1:57:A:LEU:HD23	1:58:A:ILE:H	1	0.1
(32,201)	1:98:A:ILE:HD11	1:101:A:ILE:H	2	0.1
(32,201)	1:98:A:ILE:HD12	1:101:A:ILE:H	2	0.1
(32,201)	1:98:A:ILE:HD13	1:101:A:ILE:H	2	0.1
(32,108)	1:21:A:THR:HB	1:22:A:ASP:H	7	0.1
(32,86)	1:97:A:ASP:H	1:98:A:ILE:H	18	0.1
(32,49)	1:98:A:ILE:H	1:101:A:ILE:HG13	6	0.1
(32,16)	1:93:A:GLU:HG2	1:94:A:ALA:H	7	0.1
(32,16)	1:93:A:GLU:HG3	1:94:A:ALA:H	7	0.1
(32,16)	1:93:A:GLU:HG2	1:94:A:ALA:H	13	0.1
(32,16)	1:93:A:GLU:HG3	1:94:A:ALA:H	13	0.1
(30,2457)	1:140:A:LEU:HD11	1:144:A:LEU:H	4	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2457)	1:140:A:LEU:HD12	1:144:A:LEU:H	4	0.1
(30,2457)	1:140:A:LEU:HD13	1:144:A:LEU:H	4	0.1
(30,2457)	1:140:A:LEU:HD21	1:144:A:LEU:H	4	0.1
(30,2457)	1:140:A:LEU:HD22	1:144:A:LEU:H	4	0.1
(30,2457)	1:140:A:LEU:HD23	1:144:A:LEU:H	4	0.1
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD11	16	0.1
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD12	16	0.1
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD13	16	0.1
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD21	16	0.1
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD22	16	0.1
(30,2335)	1:106:A:ASP:H	1:107:A:LEU:HD23	16	0.1
(30,2293)	1:96:A:VAL:HG11	1:97:A:ASP:H	12	0.1
(30,2293)	1:96:A:VAL:HG12	1:97:A:ASP:H	12	0.1
(30,2293)	1:96:A:VAL:HG13	1:97:A:ASP:H	12	0.1
(30,2293)	1:96:A:VAL:HG21	1:97:A:ASP:H	12	0.1
(30,2293)	1:96:A:VAL:HG22	1:97:A:ASP:H	12	0.1
(30,2293)	1:96:A:VAL:HG23	1:97:A:ASP:H	12	0.1
(30,2240)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	13	0.1
(30,2240)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	13	0.1
(30,2238)	1:66:A:THR:HG21	1:96:A:VAL:HG11	6	0.1
(30,2238)	1:66:A:THR:HG21	1:96:A:VAL:HG12	6	0.1
(30,2238)	1:66:A:THR:HG21	1:96:A:VAL:HG13	6	0.1
(30,2238)	1:66:A:THR:HG21	1:96:A:VAL:HG21	6	0.1
(30,2238)	1:66:A:THR:HG21	1:96:A:VAL:HG22	6	0.1
(30,2238)	1:66:A:THR:HG21	1:96:A:VAL:HG23	6	0.1
(30,2238)	1:66:A:THR:HG22	1:96:A:VAL:HG11	6	0.1
(30,2238)	1:66:A:THR:HG22	1:96:A:VAL:HG12	6	0.1
(30,2238)	1:66:A:THR:HG22	1:96:A:VAL:HG13	6	0.1
(30,2238)	1:66:A:THR:HG22	1:96:A:VAL:HG21	6	0.1
(30,2238)	1:66:A:THR:HG22	1:96:A:VAL:HG22	6	0.1
(30,2238)	1:66:A:THR:HG22	1:96:A:VAL:HG23	6	0.1
(30,2238)	1:66:A:THR:HG23	1:96:A:VAL:HG11	6	0.1
(30,2238)	1:66:A:THR:HG23	1:96:A:VAL:HG12	6	0.1
(30,2238)	1:66:A:THR:HG23	1:96:A:VAL:HG13	6	0.1
(30,2238)	1:66:A:THR:HG23	1:96:A:VAL:HG21	6	0.1
(30,2238)	1:66:A:THR:HG23	1:96:A:VAL:HG22	6	0.1
(30,2238)	1:66:A:THR:HG23	1:96:A:VAL:HG23	6	0.1
(30,2032)	1:23:A:LEU:HD11	1:25:A:ALA:H	5	0.1
(30,2032)	1:23:A:LEU:HD12	1:25:A:ALA:H	5	0.1
(30,2032)	1:23:A:LEU:HD13	1:25:A:ALA:H	5	0.1
(30,2032)	1:23:A:LEU:HD21	1:25:A:ALA:H	5	0.1
(30,2032)	1:23:A:LEU:HD22	1:25:A:ALA:H	5	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,2032)	1:23:A:LEU:HD23	1:25:A:ALA:H	5	0.1
(30,2029)	1:23:A:LEU:H	1:23:A:LEU:HD11	5	0.1
(30,2029)	1:23:A:LEU:H	1:23:A:LEU:HD12	5	0.1
(30,2029)	1:23:A:LEU:H	1:23:A:LEU:HD13	5	0.1
(30,2029)	1:23:A:LEU:H	1:23:A:LEU:HD21	5	0.1
(30,2029)	1:23:A:LEU:H	1:23:A:LEU:HD22	5	0.1
(30,2029)	1:23:A:LEU:H	1:23:A:LEU:HD23	5	0.1
(30,2028)	1:22:A:ASP:H	1:23:A:LEU:HD11	5	0.1
(30,2028)	1:22:A:ASP:H	1:23:A:LEU:HD12	5	0.1
(30,2028)	1:22:A:ASP:H	1:23:A:LEU:HD13	5	0.1
(30,2028)	1:22:A:ASP:H	1:23:A:LEU:HD21	5	0.1
(30,2028)	1:22:A:ASP:H	1:23:A:LEU:HD22	5	0.1
(30,2028)	1:22:A:ASP:H	1:23:A:LEU:HD23	5	0.1
(30,1892)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	17	0.1
(30,1892)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	17	0.1
(30,1892)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	17	0.1
(30,1842)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	13	0.1
(30,1842)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	13	0.1
(30,1842)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	13	0.1
(30,1826)	1:9:A:PHE:HZ	1:54:A:ARG:HA	10	0.1
(30,1820)	1:9:A:PHE:HZ	1:54:A:ARG:HE	6	0.1
(30,1819)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	17	0.1
(30,1819)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	17	0.1
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	4	0.1
(30,1808)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	4	0.1
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	4	0.1
(30,1808)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	4	0.1
(30,1790)	1:13:A:ALA:HA	1:80:A:TYR:HD1	11	0.1
(30,1790)	1:13:A:ALA:HA	1:80:A:TYR:HD2	11	0.1
(30,1673)	1:107:A:LEU:H	1:111:A:GLU:HB2	9	0.1
(30,1673)	1:107:A:LEU:H	1:111:A:GLU:HB3	9	0.1
(30,1649)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	5	0.1
(30,1649)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	5	0.1
(30,1649)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	5	0.1
(30,1649)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	5	0.1
(30,1649)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	5	0.1
(30,1649)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	5	0.1
(30,1636)	1:114:A:ILE:HG21	1:117:A:VAL:HG21	9	0.1
(30,1636)	1:114:A:ILE:HG21	1:117:A:VAL:HG22	9	0.1
(30,1636)	1:114:A:ILE:HG21	1:117:A:VAL:HG23	9	0.1
(30,1636)	1:114:A:ILE:HG22	1:117:A:VAL:HG21	9	0.1
(30,1636)	1:114:A:ILE:HG22	1:117:A:VAL:HG22	9	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1636)	1:114:A:ILE:HG22	1:117:A:VAL:HG23	9	0.1
(30,1636)	1:114:A:ILE:HG23	1:117:A:VAL:HG21	9	0.1
(30,1636)	1:114:A:ILE:HG23	1:117:A:VAL:HG22	9	0.1
(30,1636)	1:114:A:ILE:HG23	1:117:A:VAL:HG23	9	0.1
(30,1587)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	13	0.1
(30,1587)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	13	0.1
(30,1587)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	13	0.1
(30,1584)	1:101:A:ILE:HD11	1:112:A:GLN:HA	12	0.1
(30,1584)	1:101:A:ILE:HD12	1:112:A:GLN:HA	12	0.1
(30,1584)	1:101:A:ILE:HD13	1:112:A:GLN:HA	12	0.1
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	8	0.1
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	8	0.1
(30,1557)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	8	0.1
(30,1541)	1:63:A:ILE:HG21	1:69:A:MET:HE1	3	0.1
(30,1541)	1:63:A:ILE:HG21	1:69:A:MET:HE2	3	0.1
(30,1541)	1:63:A:ILE:HG21	1:69:A:MET:HE3	3	0.1
(30,1541)	1:63:A:ILE:HG22	1:69:A:MET:HE1	3	0.1
(30,1541)	1:63:A:ILE:HG22	1:69:A:MET:HE2	3	0.1
(30,1541)	1:63:A:ILE:HG22	1:69:A:MET:HE3	3	0.1
(30,1541)	1:63:A:ILE:HG23	1:69:A:MET:HE1	3	0.1
(30,1541)	1:63:A:ILE:HG23	1:69:A:MET:HE2	3	0.1
(30,1541)	1:63:A:ILE:HG23	1:69:A:MET:HE3	3	0.1
(30,1515)	1:65:A:CYS:H	1:69:A:MET:HE1	3	0.1
(30,1515)	1:65:A:CYS:H	1:69:A:MET:HE2	3	0.1
(30,1515)	1:65:A:CYS:H	1:69:A:MET:HE3	3	0.1
(30,1474)	1:101:A:ILE:HG21	1:115:A:ALA:H	16	0.1
(30,1474)	1:101:A:ILE:HG22	1:115:A:ALA:H	16	0.1
(30,1474)	1:101:A:ILE:HG23	1:115:A:ALA:H	16	0.1
(30,1397)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	5	0.1
(30,1397)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	5	0.1
(30,1397)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	5	0.1
(30,1390)	1:19:A:ALA:HB1	1:21:A:THR:HG21	18	0.1
(30,1390)	1:19:A:ALA:HB1	1:21:A:THR:HG22	18	0.1
(30,1390)	1:19:A:ALA:HB1	1:21:A:THR:HG23	18	0.1
(30,1390)	1:19:A:ALA:HB2	1:21:A:THR:HG21	18	0.1
(30,1390)	1:19:A:ALA:HB2	1:21:A:THR:HG22	18	0.1
(30,1390)	1:19:A:ALA:HB2	1:21:A:THR:HG23	18	0.1
(30,1390)	1:19:A:ALA:HB3	1:21:A:THR:HG21	18	0.1
(30,1390)	1:19:A:ALA:HB3	1:21:A:THR:HG22	18	0.1
(30,1390)	1:19:A:ALA:HB3	1:21:A:THR:HG23	18	0.1
(30,1383)	1:94:A:ALA:HA	1:95:A:ILE:H	15	0.1
(30,1294)	1:59:A:CYS:HA	1:60:A:LEU:HD21	2	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,1294)	1:59:A:CYS:HA	1:60:A:LEU:HD22	2	0.1
(30,1294)	1:59:A:CYS:HA	1:60:A:LEU:HD23	2	0.1
(30,1215)	1:110:A:MET:HA	1:113:A:PHE:HB2	2	0.1
(30,1187)	1:23:A:LEU:HD21	1:24:A:ASP:H	12	0.1
(30,1187)	1:23:A:LEU:HD22	1:24:A:ASP:H	12	0.1
(30,1187)	1:23:A:LEU:HD23	1:24:A:ASP:H	12	0.1
(30,1174)	1:27:A:ARG:HB3	1:30:A:LEU:HD21	17	0.1
(30,1174)	1:27:A:ARG:HB3	1:30:A:LEU:HD22	17	0.1
(30,1174)	1:27:A:ARG:HB3	1:30:A:LEU:HD23	17	0.1
(30,1087)	1:136:A:CYS:HB3	1:141:A:LYS:HA	14	0.1
(30,1063)	1:54:A:ARG:HA	1:57:A:LEU:HB3	6	0.1
(30,1059)	1:54:A:ARG:HA	1:58:A:ILE:HG13	14	0.1
(30,1059)	1:54:A:ARG:HA	1:58:A:ILE:HG13	15	0.1
(30,1018)	1:41:A:LYS:HA	1:44:A:GLU:HB2	19	0.1
(30,1018)	1:41:A:LYS:HA	1:44:A:GLU:HB3	19	0.1
(30,1007)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	16	0.1
(30,1007)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	16	0.1
(30,1007)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	16	0.1
(30,1007)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	16	0.1
(30,988)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	18	0.1
(30,972)	1:49:A:LYS:HB2	1:50:A:ALA:HA	7	0.1
(30,972)	1:49:A:LYS:HB3	1:50:A:ALA:HA	7	0.1
(30,904)	1:20:A:THR:HB	1:21:A:THR:H	8	0.1
(30,835)	1:27:A:ARG:H	1:27:A:ARG:HD2	17	0.1
(30,835)	1:27:A:ARG:H	1:27:A:ARG:HD3	17	0.1
(30,770)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	3	0.1
(30,770)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	3	0.1
(30,770)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	3	0.1
(30,770)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	3	0.1
(30,770)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	3	0.1
(30,770)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	3	0.1
(30,755)	1:37:A:LEU:H	1:40:A:LEU:HB3	8	0.1
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	7	0.1
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	7	0.1
(30,745)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	7	0.1
(30,706)	1:23:A:LEU:HD11	1:27:A:ARG:HE	7	0.1
(30,706)	1:23:A:LEU:HD12	1:27:A:ARG:HE	7	0.1
(30,706)	1:23:A:LEU:HD13	1:27:A:ARG:HE	7	0.1
(30,619)	1:120:A:CYS:H	1:121:A:VAL:H	10	0.1
(30,496)	1:105:A:LYS:H	1:105:A:LYS:HG3	3	0.1
(30,496)	1:105:A:LYS:H	1:105:A:LYS:HG2	3	0.1
(30,496)	1:105:A:LYS:H	1:105:A:LYS:HG3	12	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(30,496)	1:105:A:LYS:H	1:105:A:LYS:HG2	12	0.1
(30,393)	1:119:A:LEU:H	1:120:A:CYS:HB2	9	0.1
(30,342)	1:120:A:CYS:HA	1:123:A:CYS:H	17	0.1
(30,318)	1:136:A:CYS:HA	1:140:A:LEU:H	17	0.1
(30,229)	1:10:A:ASN:H	1:10:A:ASN:HB3	3	0.1
(30,200)	1:99:A:PRO:HA	1:101:A:ILE:H	5	0.1
(30,170)	1:116:A:GLN:HA	1:120:A:CYS:H	19	0.1
(30,64)	1:80:A:TYR:HB3	1:81:A:GLU:H	9	0.1
(30,64)	1:80:A:TYR:HB2	1:81:A:GLU:H	9	0.1
(29,2358)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	8	0.1
(29,2358)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	8	0.1
(29,2358)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	8	0.1
(29,2358)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	8	0.1
(29,2358)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	8	0.1
(29,2358)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	8	0.1
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD11	13	0.1
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD12	13	0.1
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD13	13	0.1
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD21	13	0.1
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD22	13	0.1
(29,2308)	1:106:A:ASP:H	1:107:A:LEU:HD23	13	0.1
(29,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG11	6	0.1
(29,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG12	6	0.1
(29,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG13	6	0.1
(29,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG21	6	0.1
(29,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG22	6	0.1
(29,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG23	6	0.1
(29,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG11	6	0.1
(29,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG12	6	0.1
(29,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG13	6	0.1
(29,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG21	6	0.1
(29,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG22	6	0.1
(29,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG23	6	0.1
(29,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG11	6	0.1
(29,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG12	6	0.1
(29,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG13	6	0.1
(29,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG21	6	0.1
(29,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG22	6	0.1
(29,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG23	6	0.1
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD11	11	0.1
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD12	11	0.1
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD13	11	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD21	11	0.1
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD22	11	0.1
(29,2162)	1:46:A:ASN:HD21	1:140:A:LEU:HD23	11	0.1
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	11	0.1
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	11	0.1
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	11	0.1
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	11	0.1
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	11	0.1
(29,2162)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	11	0.1
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD11	8	0.1
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD12	8	0.1
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD13	8	0.1
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD21	8	0.1
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD22	8	0.1
(29,2107)	1:38:A:GLU:HA	1:139:A:LEU:HD23	8	0.1
(29,2067)	1:29:A:LYS:HA	1:30:A:LEU:HD11	19	0.1
(29,2067)	1:29:A:LYS:HA	1:30:A:LEU:HD12	19	0.1
(29,2067)	1:29:A:LYS:HA	1:30:A:LEU:HD13	19	0.1
(29,2067)	1:29:A:LYS:HA	1:30:A:LEU:HD21	19	0.1
(29,2067)	1:29:A:LYS:HA	1:30:A:LEU:HD22	19	0.1
(29,2067)	1:29:A:LYS:HA	1:30:A:LEU:HD23	19	0.1
(29,2051)	1:22:A:ASP:H	1:23:A:LEU:HD11	5	0.1
(29,2051)	1:22:A:ASP:H	1:23:A:LEU:HD12	5	0.1
(29,2051)	1:22:A:ASP:H	1:23:A:LEU:HD13	5	0.1
(29,2051)	1:22:A:ASP:H	1:23:A:LEU:HD21	5	0.1
(29,2051)	1:22:A:ASP:H	1:23:A:LEU:HD22	5	0.1
(29,2051)	1:22:A:ASP:H	1:23:A:LEU:HD23	5	0.1
(29,1909)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	11	0.1
(29,1909)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	11	0.1
(29,1909)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	11	0.1
(29,1893)	1:14:A:VAL:HA	1:18:A:PHE:HD1	12	0.1
(29,1893)	1:14:A:VAL:HA	1:18:A:PHE:HD2	12	0.1
(29,1827)	1:101:A:ILE:HB	1:104:A:PHE:HD1	13	0.1
(29,1827)	1:101:A:ILE:HB	1:104:A:PHE:HD2	13	0.1
(29,1810)	1:13:A:ALA:HA	1:80:A:TYR:HD1	11	0.1
(29,1810)	1:13:A:ALA:HA	1:80:A:TYR:HD2	11	0.1
(29,1797)	1:9:A:PHE:HZ	1:54:A:ARG:HA	10	0.1
(29,1692)	1:107:A:LEU:H	1:111:A:GLU:HB2	9	0.1
(29,1692)	1:107:A:LEU:H	1:111:A:GLU:HB3	9	0.1
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG11	7	0.1
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG12	7	0.1
(29,1670)	1:131:A:LEU:H	1:134:A:VAL:HG13	7	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1619)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	13	0.1
(29,1619)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	13	0.1
(29,1619)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	13	0.1
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE1	19	0.1
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE2	19	0.1
(29,1557)	1:63:A:ILE:HG21	1:69:A:MET:HE3	19	0.1
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE1	19	0.1
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE2	19	0.1
(29,1557)	1:63:A:ILE:HG22	1:69:A:MET:HE3	19	0.1
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE1	19	0.1
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE2	19	0.1
(29,1557)	1:63:A:ILE:HG23	1:69:A:MET:HE3	19	0.1
(29,1484)	1:101:A:ILE:HG21	1:115:A:ALA:H	16	0.1
(29,1484)	1:101:A:ILE:HG22	1:115:A:ALA:H	16	0.1
(29,1484)	1:101:A:ILE:HG23	1:115:A:ALA:H	16	0.1
(29,1434)	1:121:A:VAL:HG21	1:122:A:ASP:H	11	0.1
(29,1434)	1:121:A:VAL:HG22	1:122:A:ASP:H	11	0.1
(29,1434)	1:121:A:VAL:HG23	1:122:A:ASP:H	11	0.1
(29,1430)	1:73:A:ILE:HG21	1:110:A:MET:HE1	8	0.1
(29,1430)	1:73:A:ILE:HG21	1:110:A:MET:HE2	8	0.1
(29,1430)	1:73:A:ILE:HG21	1:110:A:MET:HE3	8	0.1
(29,1430)	1:73:A:ILE:HG22	1:110:A:MET:HE1	8	0.1
(29,1430)	1:73:A:ILE:HG22	1:110:A:MET:HE2	8	0.1
(29,1430)	1:73:A:ILE:HG22	1:110:A:MET:HE3	8	0.1
(29,1430)	1:73:A:ILE:HG23	1:110:A:MET:HE1	8	0.1
(29,1430)	1:73:A:ILE:HG23	1:110:A:MET:HE2	8	0.1
(29,1430)	1:73:A:ILE:HG23	1:110:A:MET:HE3	8	0.1
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG11	8	0.1
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG12	8	0.1
(29,1366)	1:119:A:LEU:HA	1:121:A:VAL:HG13	8	0.1
(29,1353)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	10	0.1
(29,1353)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	10	0.1
(29,1353)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	10	0.1
(29,1353)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	10	0.1
(29,1353)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	10	0.1
(29,1353)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	10	0.1
(29,1349)	1:17:A:ASN:HA	1:76:A:ARG:HA	6	0.1
(29,1251)	1:139:A:LEU:H	1:139:A:LEU:HD21	13	0.1
(29,1251)	1:139:A:LEU:H	1:139:A:LEU:HD22	13	0.1
(29,1251)	1:139:A:LEU:H	1:139:A:LEU:HD23	13	0.1
(29,1123)	1:43:A:MET:HA	1:43:A:MET:HG3	2	0.1
(29,1078)	1:71:A:LYS:HG3	1:72:A:PHE:HA	10	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(29,1043)	1:41:A:LYS:HA	1:44:A:GLU:HB2	19	0.1
(29,1043)	1:41:A:LYS:HA	1:44:A:GLU:HB3	19	0.1
(29,991)	1:49:A:LYS:HB2	1:50:A:ALA:HA	7	0.1
(29,991)	1:49:A:LYS:HB3	1:50:A:ALA:HA	7	0.1
(29,849)	1:27:A:ARG:H	1:27:A:ARG:HD2	17	0.1
(29,849)	1:27:A:ARG:H	1:27:A:ARG:HD3	17	0.1
(29,828)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	13	0.1
(29,828)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	13	0.1
(29,828)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	13	0.1
(29,828)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	13	0.1
(29,828)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	13	0.1
(29,828)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	13	0.1
(29,826)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	2	0.1
(29,826)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	2	0.1
(29,826)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	2	0.1
(29,791)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	3	0.1
(29,791)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	3	0.1
(29,791)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	3	0.1
(29,791)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	3	0.1
(29,791)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	3	0.1
(29,791)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	3	0.1
(29,790)	1:101:A:ILE:H	1:101:A:ILE:HD11	11	0.1
(29,790)	1:101:A:ILE:H	1:101:A:ILE:HD12	11	0.1
(29,790)	1:101:A:ILE:H	1:101:A:ILE:HD13	11	0.1
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	7	0.1
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	7	0.1
(29,760)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	7	0.1
(29,704)	1:98:A:ILE:H	1:100:A:ALA:H	7	0.1
(29,689)	1:141:A:LYS:H	1:144:A:LEU:H	15	0.1
(29,486)	1:147:A:ARG:HG2	1:148:A:CYS:H	6	0.1
(29,486)	1:147:A:ARG:HG3	1:148:A:CYS:H	6	0.1
(29,339)	1:120:A:CYS:HA	1:123:A:CYS:H	17	0.1
(29,316)	1:136:A:CYS:HA	1:140:A:LEU:H	17	0.1
(29,238)	1:50:A:ALA:H	1:52:A:CYS:H	8	0.1
(29,83)	1:43:A:MET:HB2	1:45:A:ALA:H	6	0.1
(29,67)	1:81:A:GLU:H	1:81:A:GLU:HG2	4	0.1
(29,67)	1:81:A:GLU:H	1:81:A:GLU:HG3	4	0.1
(29,55)	1:45:A:ALA:HB1	1:47:A:ALA:H	16	0.1
(29,55)	1:45:A:ALA:HB2	1:47:A:ALA:H	16	0.1
(29,55)	1:45:A:ALA:HB3	1:47:A:ALA:H	16	0.1
(28,2)	1:59:A:CYS:SG	1:120:A:CYS:CB	15	0.1
(28,1)	1:59:A:CYS:CB	1:120:A:CYS:SG	7	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(28,1)	1:59:A:CYS:CB	1:120:A:CYS:SG	14	0.1
(24,33)	1:116:A:GLN:H	1:112:A:GLN:O	10	0.1
(24,30)	1:114:A:ILE:N	1:110:A:MET:O	7	0.1
(24,7)	1:39:A:VAL:H	1:36:A:PRO:O	18	0.1
(23,9)	1:73:A:ILE:N	1:69:A:MET:O	15	0.1
(23,9)	1:73:A:ILE:N	1:69:A:MET:O	17	0.1
(22,20)	1:101:A:ILE:N	1:98:A:ILE:C	15	0.1
(22,19)	1:101:A:ILE:H	1:98:A:ILE:C	5	0.1
(19,22)	1:59:A:CYS:SG	1:120:A:CYS:CB	15	0.1
(19,2)	1:120:A:CYS:SG	1:59:A:CYS:CB	7	0.1
(19,2)	1:120:A:CYS:SG	1:59:A:CYS:CB	14	0.1
(18,2430)	1:139:A:LEU:HB2	1:140:A:LEU:HD11	7	0.1
(18,2430)	1:139:A:LEU:HB2	1:140:A:LEU:HD12	7	0.1
(18,2430)	1:139:A:LEU:HB2	1:140:A:LEU:HD13	7	0.1
(18,2430)	1:139:A:LEU:HB2	1:140:A:LEU:HD21	7	0.1
(18,2430)	1:139:A:LEU:HB2	1:140:A:LEU:HD22	7	0.1
(18,2430)	1:139:A:LEU:HB2	1:140:A:LEU:HD23	7	0.1
(18,2430)	1:139:A:LEU:HB3	1:140:A:LEU:HD11	7	0.1
(18,2430)	1:139:A:LEU:HB3	1:140:A:LEU:HD12	7	0.1
(18,2430)	1:139:A:LEU:HB3	1:140:A:LEU:HD13	7	0.1
(18,2430)	1:139:A:LEU:HB3	1:140:A:LEU:HD21	7	0.1
(18,2430)	1:139:A:LEU:HB3	1:140:A:LEU:HD22	7	0.1
(18,2430)	1:139:A:LEU:HB3	1:140:A:LEU:HD23	7	0.1
(18,2376)	1:125:A:THR:HB	1:129:A:LYS:HG2	9	0.1
(18,2376)	1:125:A:THR:HB	1:129:A:LYS:HG3	9	0.1
(18,2316)	1:107:A:LEU:HD11	1:108:A:GLU:H	14	0.1
(18,2316)	1:107:A:LEU:HD12	1:108:A:GLU:H	14	0.1
(18,2316)	1:107:A:LEU:HD13	1:108:A:GLU:H	14	0.1
(18,2316)	1:107:A:LEU:HD21	1:108:A:GLU:H	14	0.1
(18,2316)	1:107:A:LEU:HD22	1:108:A:GLU:H	14	0.1
(18,2316)	1:107:A:LEU:HD23	1:108:A:GLU:H	14	0.1
(18,2258)	1:75:A:GLY:H	1:76:A:ARG:HB2	3	0.1
(18,2258)	1:75:A:GLY:H	1:76:A:ARG:HB3	3	0.1
(18,2245)	1:66:A:THR:HG21	1:96:A:VAL:HG11	6	0.1
(18,2245)	1:66:A:THR:HG21	1:96:A:VAL:HG12	6	0.1
(18,2245)	1:66:A:THR:HG21	1:96:A:VAL:HG13	6	0.1
(18,2245)	1:66:A:THR:HG21	1:96:A:VAL:HG21	6	0.1
(18,2245)	1:66:A:THR:HG21	1:96:A:VAL:HG22	6	0.1
(18,2245)	1:66:A:THR:HG21	1:96:A:VAL:HG23	6	0.1
(18,2245)	1:66:A:THR:HG22	1:96:A:VAL:HG11	6	0.1
(18,2245)	1:66:A:THR:HG22	1:96:A:VAL:HG12	6	0.1
(18,2245)	1:66:A:THR:HG22	1:96:A:VAL:HG13	6	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,2245)	1:66:A:THR:HG22	1:96:A:VAL:HG21	6	0.1
(18,2245)	1:66:A:THR:HG22	1:96:A:VAL:HG22	6	0.1
(18,2245)	1:66:A:THR:HG22	1:96:A:VAL:HG23	6	0.1
(18,2245)	1:66:A:THR:HG23	1:96:A:VAL:HG11	6	0.1
(18,2245)	1:66:A:THR:HG23	1:96:A:VAL:HG12	6	0.1
(18,2245)	1:66:A:THR:HG23	1:96:A:VAL:HG13	6	0.1
(18,2245)	1:66:A:THR:HG23	1:96:A:VAL:HG21	6	0.1
(18,2245)	1:66:A:THR:HG23	1:96:A:VAL:HG22	6	0.1
(18,2245)	1:66:A:THR:HG23	1:96:A:VAL:HG23	6	0.1
(18,2239)	1:65:A:CYS:HB2	1:69:A:MET:HG2	13	0.1
(18,2239)	1:65:A:CYS:HB2	1:69:A:MET:HG3	13	0.1
(18,2239)	1:65:A:CYS:HB3	1:69:A:MET:HG2	13	0.1
(18,2239)	1:65:A:CYS:HB3	1:69:A:MET:HG3	13	0.1
(18,2154)	1:44:A:GLU:HG2	1:46:A:ASN:H	10	0.1
(18,2154)	1:44:A:GLU:HG3	1:46:A:ASN:H	10	0.1
(18,2039)	1:23:A:LEU:HD11	1:25:A:ALA:H	5	0.1
(18,2039)	1:23:A:LEU:HD12	1:25:A:ALA:H	5	0.1
(18,2039)	1:23:A:LEU:HD13	1:25:A:ALA:H	5	0.1
(18,2039)	1:23:A:LEU:HD21	1:25:A:ALA:H	5	0.1
(18,2039)	1:23:A:LEU:HD22	1:25:A:ALA:H	5	0.1
(18,2039)	1:23:A:LEU:HD23	1:25:A:ALA:H	5	0.1
(18,2033)	1:22:A:ASP:H	1:23:A:LEU:HD11	5	0.1
(18,2033)	1:22:A:ASP:H	1:23:A:LEU:HD12	5	0.1
(18,2033)	1:22:A:ASP:H	1:23:A:LEU:HD13	5	0.1
(18,2033)	1:22:A:ASP:H	1:23:A:LEU:HD21	5	0.1
(18,2033)	1:22:A:ASP:H	1:23:A:LEU:HD22	5	0.1
(18,2033)	1:22:A:ASP:H	1:23:A:LEU:HD23	5	0.1
(18,1925)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	6	0.1
(18,1925)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	6	0.1
(18,1879)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	17	0.1
(18,1879)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	17	0.1
(18,1879)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	17	0.1
(18,1830)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	13	0.1
(18,1830)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	13	0.1
(18,1830)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	13	0.1
(18,1748)	1:66:A:THR:HG21	1:97:A:ASP:HA	4	0.1
(18,1748)	1:66:A:THR:HG22	1:97:A:ASP:HA	4	0.1
(18,1748)	1:66:A:THR:HG23	1:97:A:ASP:HA	4	0.1
(18,1635)	1:12:A:VAL:HG11	1:15:A:ALA:HB1	16	0.1
(18,1635)	1:12:A:VAL:HG11	1:15:A:ALA:HB2	16	0.1
(18,1635)	1:12:A:VAL:HG11	1:15:A:ALA:HB3	16	0.1
(18,1635)	1:12:A:VAL:HG12	1:15:A:ALA:HB1	16	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1635)	1:12:A:VAL:HG12	1:15:A:ALA:HB2	16	0.1
(18,1635)	1:12:A:VAL:HG12	1:15:A:ALA:HB3	16	0.1
(18,1635)	1:12:A:VAL:HG13	1:15:A:ALA:HB1	16	0.1
(18,1635)	1:12:A:VAL:HG13	1:15:A:ALA:HB2	16	0.1
(18,1635)	1:12:A:VAL:HG13	1:15:A:ALA:HB3	16	0.1
(18,1597)	1:24:A:ASP:HA	1:27:A:ARG:HA	4	0.1
(18,1589)	1:119:A:LEU:HB3	1:121:A:VAL:HG21	9	0.1
(18,1589)	1:119:A:LEU:HB3	1:121:A:VAL:HG22	9	0.1
(18,1589)	1:119:A:LEU:HB3	1:121:A:VAL:HG23	9	0.1
(18,1539)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	7	0.1
(18,1539)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	7	0.1
(18,1539)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	7	0.1
(18,1539)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	7	0.1
(18,1539)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	7	0.1
(18,1539)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	7	0.1
(18,1534)	1:63:A:ILE:HG21	1:69:A:MET:HE1	3	0.1
(18,1534)	1:63:A:ILE:HG21	1:69:A:MET:HE2	3	0.1
(18,1534)	1:63:A:ILE:HG21	1:69:A:MET:HE3	3	0.1
(18,1534)	1:63:A:ILE:HG22	1:69:A:MET:HE1	3	0.1
(18,1534)	1:63:A:ILE:HG22	1:69:A:MET:HE2	3	0.1
(18,1534)	1:63:A:ILE:HG22	1:69:A:MET:HE3	3	0.1
(18,1534)	1:63:A:ILE:HG23	1:69:A:MET:HE1	3	0.1
(18,1534)	1:63:A:ILE:HG23	1:69:A:MET:HE2	3	0.1
(18,1534)	1:63:A:ILE:HG23	1:69:A:MET:HE3	3	0.1
(18,1523)	1:69:A:MET:HE1	1:112:A:GLN:HG2	15	0.1
(18,1523)	1:69:A:MET:HE1	1:112:A:GLN:HG3	15	0.1
(18,1523)	1:69:A:MET:HE2	1:112:A:GLN:HG2	15	0.1
(18,1523)	1:69:A:MET:HE2	1:112:A:GLN:HG3	15	0.1
(18,1523)	1:69:A:MET:HE3	1:112:A:GLN:HG2	15	0.1
(18,1523)	1:69:A:MET:HE3	1:112:A:GLN:HG3	15	0.1
(18,1517)	1:69:A:MET:HE1	1:113:A:PHE:HB3	11	0.1
(18,1517)	1:69:A:MET:HE2	1:113:A:PHE:HB3	11	0.1
(18,1517)	1:69:A:MET:HE3	1:113:A:PHE:HB3	11	0.1
(18,1507)	1:65:A:CYS:H	1:69:A:MET:HE1	3	0.1
(18,1507)	1:65:A:CYS:H	1:69:A:MET:HE2	3	0.1
(18,1507)	1:65:A:CYS:H	1:69:A:MET:HE3	3	0.1
(18,1495)	1:43:A:MET:HA	1:43:A:MET:HE1	12	0.1
(18,1495)	1:43:A:MET:HA	1:43:A:MET:HE2	12	0.1
(18,1495)	1:43:A:MET:HA	1:43:A:MET:HE3	12	0.1
(18,1473)	1:101:A:ILE:HG21	1:102:A:PRO:HD2	5	0.1
(18,1473)	1:101:A:ILE:HG22	1:102:A:PRO:HD2	5	0.1
(18,1473)	1:101:A:ILE:HG23	1:102:A:PRO:HD2	5	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,1391)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	5	0.1
(18,1391)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	5	0.1
(18,1391)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	5	0.1
(18,1379)	1:94:A:ALA:HA	1:95:A:ILE:H	15	0.1
(18,1356)	1:119:A:LEU:HB2	1:121:A:VAL:HG11	6	0.1
(18,1356)	1:119:A:LEU:HB2	1:121:A:VAL:HG12	6	0.1
(18,1356)	1:119:A:LEU:HB2	1:121:A:VAL:HG13	6	0.1
(18,1251)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	10	0.1
(18,1251)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	10	0.1
(18,1251)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	10	0.1
(18,1251)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	10	0.1
(18,1251)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	10	0.1
(18,1251)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	10	0.1
(18,1251)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	10	0.1
(18,1251)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	10	0.1
(18,1251)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	10	0.1
(18,1135)	1:40:A:LEU:HA	1:44:A:GLU:HB2	14	0.1
(18,1135)	1:40:A:LEU:HA	1:44:A:GLU:HB3	14	0.1
(18,1005)	1:143:A:TRP:HB3	1:144:A:LEU:HD11	17	0.1
(18,1005)	1:143:A:TRP:HB3	1:144:A:LEU:HD12	17	0.1
(18,1005)	1:143:A:TRP:HB3	1:144:A:LEU:HD13	17	0.1
(18,1005)	1:143:A:TRP:HB2	1:144:A:LEU:HD11	17	0.1
(18,1005)	1:143:A:TRP:HB2	1:144:A:LEU:HD12	17	0.1
(18,1005)	1:143:A:TRP:HB2	1:144:A:LEU:HD13	17	0.1
(18,1004)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	18	0.1
(18,991)	1:49:A:LYS:HB2	1:50:A:ALA:HA	7	0.1
(18,991)	1:49:A:LYS:HB3	1:50:A:ALA:HA	7	0.1
(18,844)	1:27:A:ARG:H	1:27:A:ARG:HD2	17	0.1
(18,844)	1:27:A:ARG:H	1:27:A:ARG:HD3	17	0.1
(18,789)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	3	0.1
(18,789)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	3	0.1
(18,789)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	3	0.1
(18,789)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	3	0.1
(18,789)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	3	0.1
(18,789)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	3	0.1
(18,767)	1:147:A:ARG:HA	1:147:A:ARG:HE	3	0.1
(18,741)	1:17:A:ASN:HD21	1:18:A:PHE:H	3	0.1
(18,513)	1:105:A:LYS:H	1:105:A:LYS:HG3	3	0.1
(18,513)	1:105:A:LYS:H	1:105:A:LYS:HG2	3	0.1
(18,513)	1:105:A:LYS:H	1:105:A:LYS:HG3	12	0.1
(18,513)	1:105:A:LYS:H	1:105:A:LYS:HG2	12	0.1
(18,350)	1:120:A:CYS:HA	1:123:A:CYS:H	17	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(18,327)	1:136:A:CYS:HA	1:140:A:LEU:H	17	0.1
(18,191)	1:58:A:ILE:HG21	1:60:A:LEU:H	14	0.1
(18,191)	1:58:A:ILE:HG22	1:60:A:LEU:H	14	0.1
(18,191)	1:58:A:ILE:HG23	1:60:A:LEU:H	14	0.1
(18,153)	1:67:A:PRO:HD3	1:95:A:ILE:H	19	0.1
(18,55)	1:45:A:ALA:HB1	1:47:A:ALA:H	16	0.1
(18,55)	1:45:A:ALA:HB2	1:47:A:ALA:H	16	0.1
(18,55)	1:45:A:ALA:HB3	1:47:A:ALA:H	16	0.1
(18,46)	1:98:A:ILE:H	1:99:A:PRO:HD3	1	0.1
(17,2459)	1:141:A:LYS:H	1:148:A:CYS:HB2	19	0.1
(17,2459)	1:141:A:LYS:H	1:148:A:CYS:HB3	19	0.1
(17,2458)	1:140:A:LEU:HD11	1:144:A:LEU:H	2	0.1
(17,2458)	1:140:A:LEU:HD12	1:144:A:LEU:H	2	0.1
(17,2458)	1:140:A:LEU:HD13	1:144:A:LEU:H	2	0.1
(17,2458)	1:140:A:LEU:HD21	1:144:A:LEU:H	2	0.1
(17,2458)	1:140:A:LEU:HD22	1:144:A:LEU:H	2	0.1
(17,2458)	1:140:A:LEU:HD23	1:144:A:LEU:H	2	0.1
(17,2356)	1:111:A:GLU:H	1:111:A:GLU:HG2	6	0.1
(17,2356)	1:111:A:GLU:H	1:111:A:GLU:HG3	6	0.1
(17,2290)	1:96:A:VAL:HG11	1:97:A:ASP:H	12	0.1
(17,2290)	1:96:A:VAL:HG12	1:97:A:ASP:H	12	0.1
(17,2290)	1:96:A:VAL:HG13	1:97:A:ASP:H	12	0.1
(17,2290)	1:96:A:VAL:HG21	1:97:A:ASP:H	12	0.1
(17,2290)	1:96:A:VAL:HG22	1:97:A:ASP:H	12	0.1
(17,2290)	1:96:A:VAL:HG23	1:97:A:ASP:H	12	0.1
(17,2279)	1:76:A:ARG:HB2	1:113:A:PHE:HE1	18	0.1
(17,2279)	1:76:A:ARG:HB2	1:113:A:PHE:HE2	18	0.1
(17,2279)	1:76:A:ARG:HB3	1:113:A:PHE:HE1	18	0.1
(17,2279)	1:76:A:ARG:HB3	1:113:A:PHE:HE2	18	0.1
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	17	0.1
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	17	0.1
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	17	0.1
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	17	0.1
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	17	0.1
(17,2228)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	17	0.1
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	11	0.1
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	11	0.1
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	11	0.1
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	11	0.1
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	11	0.1
(17,2180)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	11	0.1
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD11	10	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD12	10	0.1
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD13	10	0.1
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD21	10	0.1
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD22	10	0.1
(17,2169)	1:43:A:MET:HE1	1:140:A:LEU:HD23	10	0.1
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD11	10	0.1
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD12	10	0.1
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD13	10	0.1
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD21	10	0.1
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD22	10	0.1
(17,2169)	1:43:A:MET:HE2	1:140:A:LEU:HD23	10	0.1
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD11	10	0.1
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD12	10	0.1
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD13	10	0.1
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD21	10	0.1
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD22	10	0.1
(17,2169)	1:43:A:MET:HE3	1:140:A:LEU:HD23	10	0.1
(17,2000)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	15	0.1
(17,2000)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	15	0.1
(17,2000)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	15	0.1
(17,2000)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	15	0.1
(17,2000)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	15	0.1
(17,2000)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	15	0.1
(17,2000)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	15	0.1
(17,2000)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	15	0.1
(17,2000)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	15	0.1
(17,2000)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	15	0.1
(17,2000)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	15	0.1
(17,2000)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	15	0.1
(17,2000)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	15	0.1
(17,2000)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	15	0.1
(17,2000)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	15	0.1
(17,2000)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	15	0.1
(17,2000)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	15	0.1
(17,2000)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	15	0.1
(17,1977)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	13	0.1
(17,1977)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	13	0.1
(17,1977)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	13	0.1
(17,1977)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	13	0.1
(17,1977)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	13	0.1
(17,1977)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	13	0.1
(17,1977)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	13	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1977)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	13	0.1
(17,1977)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	13	0.1
(17,1977)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	13	0.1
(17,1977)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	13	0.1
(17,1977)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	13	0.1
(17,1977)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	13	0.1
(17,1977)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	13	0.1
(17,1977)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	13	0.1
(17,1977)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	13	0.1
(17,1977)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	13	0.1
(17,1977)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	13	0.1
(17,1921)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	19	0.1
(17,1921)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	19	0.1
(17,1921)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	19	0.1
(17,1921)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	19	0.1
(17,1921)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	19	0.1
(17,1921)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	19	0.1
(17,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	17	0.1
(17,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	17	0.1
(17,1908)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	17	0.1
(17,1851)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	9	0.1
(17,1851)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	9	0.1
(17,1840)	1:9:A:PHE:HZ	1:54:A:ARG:HA	10	0.1
(17,1806)	1:15:A:ALA:HB1	1:18:A:PHE:HD1	9	0.1
(17,1806)	1:15:A:ALA:HB1	1:18:A:PHE:HD2	9	0.1
(17,1806)	1:15:A:ALA:HB2	1:18:A:PHE:HD1	9	0.1
(17,1806)	1:15:A:ALA:HB2	1:18:A:PHE:HD2	9	0.1
(17,1806)	1:15:A:ALA:HB3	1:18:A:PHE:HD1	9	0.1
(17,1806)	1:15:A:ALA:HB3	1:18:A:PHE:HD2	9	0.1
(17,1803)	1:13:A:ALA:HA	1:80:A:TYR:HD1	11	0.1
(17,1803)	1:13:A:ALA:HA	1:80:A:TYR:HD2	11	0.1
(17,1780)	1:66:A:THR:HG21	1:97:A:ASP:HA	4	0.1
(17,1780)	1:66:A:THR:HG22	1:97:A:ASP:HA	4	0.1
(17,1780)	1:66:A:THR:HG23	1:97:A:ASP:HA	4	0.1
(17,1776)	1:141:A:LYS:HA	1:148:A:CYS:H	3	0.1
(17,1686)	1:107:A:LEU:H	1:111:A:GLU:HB2	9	0.1
(17,1686)	1:107:A:LEU:H	1:111:A:GLU:HB3	9	0.1
(17,1621)	1:72:A:PHE:H	1:73:A:ILE:HG21	6	0.1
(17,1621)	1:72:A:PHE:H	1:73:A:ILE:HG22	6	0.1
(17,1621)	1:72:A:PHE:H	1:73:A:ILE:HG23	6	0.1
(17,1601)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	13	0.1
(17,1601)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	13	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,1601)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	13	0.1
(17,1563)	1:63:A:ILE:HG21	1:69:A:MET:HE1	3	0.1
(17,1563)	1:63:A:ILE:HG21	1:69:A:MET:HE2	3	0.1
(17,1563)	1:63:A:ILE:HG21	1:69:A:MET:HE3	3	0.1
(17,1563)	1:63:A:ILE:HG22	1:69:A:MET:HE1	3	0.1
(17,1563)	1:63:A:ILE:HG22	1:69:A:MET:HE2	3	0.1
(17,1563)	1:63:A:ILE:HG22	1:69:A:MET:HE3	3	0.1
(17,1563)	1:63:A:ILE:HG23	1:69:A:MET:HE1	3	0.1
(17,1563)	1:63:A:ILE:HG23	1:69:A:MET:HE2	3	0.1
(17,1563)	1:63:A:ILE:HG23	1:69:A:MET:HE3	3	0.1
(17,1539)	1:65:A:CYS:H	1:69:A:MET:HE1	3	0.1
(17,1539)	1:65:A:CYS:H	1:69:A:MET:HE2	3	0.1
(17,1539)	1:65:A:CYS:H	1:69:A:MET:HE3	3	0.1
(17,1498)	1:101:A:ILE:HG21	1:115:A:ALA:H	16	0.1
(17,1498)	1:101:A:ILE:HG22	1:115:A:ALA:H	16	0.1
(17,1498)	1:101:A:ILE:HG23	1:115:A:ALA:H	16	0.1
(17,1497)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	1	0.1
(17,1485)	1:45:A:ALA:HB1	1:47:A:ALA:H	9	0.1
(17,1485)	1:45:A:ALA:HB2	1:47:A:ALA:H	9	0.1
(17,1485)	1:45:A:ALA:HB3	1:47:A:ALA:H	9	0.1
(17,1469)	1:47:A:ALA:HA	1:50:A:ALA:HB1	10	0.1
(17,1469)	1:47:A:ALA:HA	1:50:A:ALA:HB2	10	0.1
(17,1469)	1:47:A:ALA:HA	1:50:A:ALA:HB3	10	0.1
(17,1437)	1:69:A:MET:HA	1:73:A:ILE:HG21	1	0.1
(17,1437)	1:69:A:MET:HA	1:73:A:ILE:HG22	1	0.1
(17,1437)	1:69:A:MET:HA	1:73:A:ILE:HG23	1	0.1
(17,1403)	1:94:A:ALA:HA	1:95:A:ILE:H	15	0.1
(17,1372)	1:39:A:VAL:HG11	1:143:A:TRP:H	13	0.1
(17,1372)	1:39:A:VAL:HG12	1:143:A:TRP:H	13	0.1
(17,1372)	1:39:A:VAL:HG13	1:143:A:TRP:H	13	0.1
(17,1361)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	10	0.1
(17,1361)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	10	0.1
(17,1361)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	10	0.1
(17,1361)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	10	0.1
(17,1361)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	10	0.1
(17,1361)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	10	0.1
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD21	18	0.1
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD22	18	0.1
(17,1344)	1:123:A:CYS:H	1:128:A:LEU:HD23	18	0.1
(17,1084)	1:103:A:ARG:HB2	1:104:A:PHE:HA	13	0.1
(17,1084)	1:103:A:ARG:HB3	1:104:A:PHE:HA	13	0.1
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	7	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	7	0.1
(17,751)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	7	0.1
(17,699)	1:10:A:ASN:HD22	1:14:A:VAL:HB	10	0.1
(17,682)	1:141:A:LYS:H	1:144:A:LEU:H	15	0.1
(17,641)	1:66:A:THR:H	1:70:A:LYS:H	13	0.1
(17,628)	1:57:A:LEU:H	1:58:A:ILE:HD11	14	0.1
(17,628)	1:57:A:LEU:H	1:58:A:ILE:HD12	14	0.1
(17,628)	1:57:A:LEU:H	1:58:A:ILE:HD13	14	0.1
(17,618)	1:120:A:CYS:H	1:121:A:VAL:H	10	0.1
(17,476)	1:147:A:ARG:HG2	1:148:A:CYS:H	6	0.1
(17,476)	1:147:A:ARG:HG3	1:148:A:CYS:H	6	0.1
(17,384)	1:119:A:LEU:H	1:120:A:CYS:HB2	9	0.1
(17,337)	1:120:A:CYS:HA	1:123:A:CYS:H	17	0.1
(17,315)	1:136:A:CYS:HA	1:140:A:LEU:H	17	0.1
(17,233)	1:50:A:ALA:H	1:52:A:CYS:H	8	0.1
(17,186)	1:58:A:ILE:HG21	1:60:A:LEU:H	14	0.1
(17,186)	1:58:A:ILE:HG22	1:60:A:LEU:H	14	0.1
(17,186)	1:58:A:ILE:HG23	1:60:A:LEU:H	14	0.1
(17,64)	1:81:A:GLU:H	1:81:A:GLU:HG2	4	0.1
(17,64)	1:81:A:GLU:H	1:81:A:GLU:HG3	4	0.1
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD11	2	0.1
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD12	2	0.1
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD13	2	0.1
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD21	2	0.1
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD22	2	0.1
(16,2299)	1:100:A:ALA:HA	1:119:A:LEU:HD23	2	0.1
(16,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG11	6	0.1
(16,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG12	6	0.1
(16,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG13	6	0.1
(16,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG21	6	0.1
(16,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG22	6	0.1
(16,2231)	1:66:A:THR:HG21	1:96:A:VAL:HG23	6	0.1
(16,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG11	6	0.1
(16,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG12	6	0.1
(16,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG13	6	0.1
(16,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG21	6	0.1
(16,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG22	6	0.1
(16,2231)	1:66:A:THR:HG22	1:96:A:VAL:HG23	6	0.1
(16,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG11	6	0.1
(16,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG12	6	0.1
(16,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG13	6	0.1
(16,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG21	6	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG22	6	0.1
(16,2231)	1:66:A:THR:HG23	1:96:A:VAL:HG23	6	0.1
(16,2228)	1:66:A:THR:H	1:96:A:VAL:HG11	15	0.1
(16,2228)	1:66:A:THR:H	1:96:A:VAL:HG12	15	0.1
(16,2228)	1:66:A:THR:H	1:96:A:VAL:HG13	15	0.1
(16,2228)	1:66:A:THR:H	1:96:A:VAL:HG21	15	0.1
(16,2228)	1:66:A:THR:H	1:96:A:VAL:HG22	15	0.1
(16,2228)	1:66:A:THR:H	1:96:A:VAL:HG23	15	0.1
(16,2213)	1:63:A:ILE:HG12	1:116:A:GLN:HG2	13	0.1
(16,2213)	1:63:A:ILE:HG12	1:116:A:GLN:HG3	13	0.1
(16,2160)	1:44:A:GLU:HG2	1:46:A:ASN:H	10	0.1
(16,2160)	1:44:A:GLU:HG3	1:46:A:ASN:H	10	0.1
(16,2143)	1:41:A:LYS:H	1:44:A:GLU:HG2	2	0.1
(16,2143)	1:41:A:LYS:H	1:44:A:GLU:HG3	2	0.1
(16,2143)	1:41:A:LYS:H	1:44:A:GLU:HG2	5	0.1
(16,2143)	1:41:A:LYS:H	1:44:A:GLU:HG3	5	0.1
(16,2132)	1:39:A:VAL:HG11	1:143:A:TRP:HD1	9	0.1
(16,2132)	1:39:A:VAL:HG12	1:143:A:TRP:HD1	9	0.1
(16,2132)	1:39:A:VAL:HG13	1:143:A:TRP:HD1	9	0.1
(16,2132)	1:39:A:VAL:HG21	1:143:A:TRP:HD1	9	0.1
(16,2132)	1:39:A:VAL:HG22	1:143:A:TRP:HD1	9	0.1
(16,2132)	1:39:A:VAL:HG23	1:143:A:TRP:HD1	9	0.1
(16,2083)	1:35:A:LEU:HD11	1:38:A:GLU:H	10	0.1
(16,2083)	1:35:A:LEU:HD12	1:38:A:GLU:H	10	0.1
(16,2083)	1:35:A:LEU:HD13	1:38:A:GLU:H	10	0.1
(16,2083)	1:35:A:LEU:HD21	1:38:A:GLU:H	10	0.1
(16,2083)	1:35:A:LEU:HD22	1:38:A:GLU:H	10	0.1
(16,2083)	1:35:A:LEU:HD23	1:38:A:GLU:H	10	0.1
(16,2068)	1:32:A:GLY:HA2	1:33:A:LYS:H	15	0.1
(16,2068)	1:32:A:GLY:HA3	1:33:A:LYS:H	15	0.1
(16,2037)	1:23:A:LEU:HD11	1:25:A:ALA:H	19	0.1
(16,2037)	1:23:A:LEU:HD12	1:25:A:ALA:H	19	0.1
(16,2037)	1:23:A:LEU:HD13	1:25:A:ALA:H	19	0.1
(16,2037)	1:23:A:LEU:HD21	1:25:A:ALA:H	19	0.1
(16,2037)	1:23:A:LEU:HD22	1:25:A:ALA:H	19	0.1
(16,2037)	1:23:A:LEU:HD23	1:25:A:ALA:H	19	0.1
(16,1980)	1:14:A:VAL:HG11	1:15:A:ALA:HB1	10	0.1
(16,1980)	1:14:A:VAL:HG11	1:15:A:ALA:HB2	10	0.1
(16,1980)	1:14:A:VAL:HG11	1:15:A:ALA:HB3	10	0.1
(16,1980)	1:14:A:VAL:HG12	1:15:A:ALA:HB1	10	0.1
(16,1980)	1:14:A:VAL:HG12	1:15:A:ALA:HB2	10	0.1
(16,1980)	1:14:A:VAL:HG12	1:15:A:ALA:HB3	10	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1980)	1:14:A:VAL:HG13	1:15:A:ALA:HB1	10	0.1
(16,1980)	1:14:A:VAL:HG13	1:15:A:ALA:HB2	10	0.1
(16,1980)	1:14:A:VAL:HG13	1:15:A:ALA:HB3	10	0.1
(16,1980)	1:14:A:VAL:HG21	1:15:A:ALA:HB1	10	0.1
(16,1980)	1:14:A:VAL:HG21	1:15:A:ALA:HB2	10	0.1
(16,1980)	1:14:A:VAL:HG21	1:15:A:ALA:HB3	10	0.1
(16,1980)	1:14:A:VAL:HG22	1:15:A:ALA:HB1	10	0.1
(16,1980)	1:14:A:VAL:HG22	1:15:A:ALA:HB2	10	0.1
(16,1980)	1:14:A:VAL:HG22	1:15:A:ALA:HB3	10	0.1
(16,1980)	1:14:A:VAL:HG23	1:15:A:ALA:HB1	10	0.1
(16,1980)	1:14:A:VAL:HG23	1:15:A:ALA:HB2	10	0.1
(16,1980)	1:14:A:VAL:HG23	1:15:A:ALA:HB3	10	0.1
(16,1918)	1:9:A:PHE:HE1	1:44:A:GLU:HG2	1	0.1
(16,1918)	1:9:A:PHE:HE1	1:44:A:GLU:HG3	1	0.1
(16,1918)	1:9:A:PHE:HE2	1:44:A:GLU:HG2	1	0.1
(16,1918)	1:9:A:PHE:HE2	1:44:A:GLU:HG3	1	0.1
(16,1876)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	10	0.1
(16,1876)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	10	0.1
(16,1876)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	10	0.1
(16,1832)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	13	0.1
(16,1832)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	13	0.1
(16,1832)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	13	0.1
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	4	0.1
(16,1799)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	4	0.1
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	4	0.1
(16,1799)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	4	0.1
(16,1798)	1:101:A:ILE:HB	1:104:A:PHE:HD1	13	0.1
(16,1798)	1:101:A:ILE:HB	1:104:A:PHE:HD2	13	0.1
(16,1768)	1:9:A:PHE:HZ	1:54:A:ARG:HA	10	0.1
(16,1760)	1:97:A:ASP:HA	1:105:A:LYS:HA	5	0.1
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG11	7	0.1
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG12	7	0.1
(16,1639)	1:131:A:LEU:H	1:134:A:VAL:HG13	7	0.1
(16,1601)	1:24:A:ASP:HA	1:27:A:ARG:HA	4	0.1
(16,1593)	1:119:A:LEU:HB3	1:121:A:VAL:HG21	9	0.1
(16,1593)	1:119:A:LEU:HB3	1:121:A:VAL:HG22	9	0.1
(16,1593)	1:119:A:LEU:HB3	1:121:A:VAL:HG23	9	0.1
(16,1571)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	13	0.1
(16,1571)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	13	0.1
(16,1571)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	13	0.1
(16,1567)	1:101:A:ILE:HD11	1:112:A:GLN:HA	12	0.1
(16,1567)	1:101:A:ILE:HD12	1:112:A:GLN:HA	12	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,1567)	1:101:A:ILE:HD13	1:112:A:GLN:HA	12	0.1
(16,1525)	1:69:A:MET:HE1	1:113:A:PHE:HB3	11	0.1
(16,1525)	1:69:A:MET:HE2	1:113:A:PHE:HB3	11	0.1
(16,1525)	1:69:A:MET:HE3	1:113:A:PHE:HB3	11	0.1
(16,1516)	1:65:A:CYS:H	1:69:A:MET:HE1	3	0.1
(16,1516)	1:65:A:CYS:H	1:69:A:MET:HE2	3	0.1
(16,1516)	1:65:A:CYS:H	1:69:A:MET:HE3	3	0.1
(16,1503)	1:11:A:ILE:HA	1:43:A:MET:HE1	9	0.1
(16,1503)	1:11:A:ILE:HA	1:43:A:MET:HE2	9	0.1
(16,1503)	1:11:A:ILE:HA	1:43:A:MET:HE3	9	0.1
(16,1474)	1:101:A:ILE:HG21	1:115:A:ALA:H	16	0.1
(16,1474)	1:101:A:ILE:HG22	1:115:A:ALA:H	16	0.1
(16,1474)	1:101:A:ILE:HG23	1:115:A:ALA:H	16	0.1
(16,1473)	1:67:A:PRO:HD3	1:70:A:LYS:HG2	1	0.1
(16,1428)	1:121:A:VAL:HG21	1:122:A:ASP:H	11	0.1
(16,1428)	1:121:A:VAL:HG22	1:122:A:ASP:H	11	0.1
(16,1428)	1:121:A:VAL:HG23	1:122:A:ASP:H	11	0.1
(16,1388)	1:94:A:ALA:HA	1:95:A:ILE:H	15	0.1
(16,1340)	1:22:A:ASP:HA	1:24:A:ASP:H	5	0.1
(16,1302)	1:66:A:THR:HG21	1:96:A:VAL:HA	4	0.1
(16,1302)	1:66:A:THR:HG22	1:96:A:VAL:HA	4	0.1
(16,1302)	1:66:A:THR:HG23	1:96:A:VAL:HA	4	0.1
(16,1237)	1:136:A:CYS:HA	1:140:A:LEU:HD11	11	0.1
(16,1237)	1:136:A:CYS:HA	1:140:A:LEU:HD12	11	0.1
(16,1237)	1:136:A:CYS:HA	1:140:A:LEU:HD13	11	0.1
(16,1201)	1:100:A:ALA:HA	1:119:A:LEU:HD21	16	0.1
(16,1201)	1:100:A:ALA:HA	1:119:A:LEU:HD22	16	0.1
(16,1201)	1:100:A:ALA:HA	1:119:A:LEU:HD23	16	0.1
(16,1167)	1:150:A:THR:HG21	1:151:A:PHE:HA	6	0.1
(16,1167)	1:150:A:THR:HG22	1:151:A:PHE:HA	6	0.1
(16,1167)	1:150:A:THR:HG23	1:151:A:PHE:HA	6	0.1
(16,1036)	1:70:A:LYS:HG3	1:74:A:PRO:HB2	16	0.1
(16,1036)	1:70:A:LYS:HG3	1:74:A:PRO:HB3	16	0.1
(16,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	16	0.1
(16,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	16	0.1
(16,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	16	0.1
(16,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	16	0.1
(16,925)	1:20:A:THR:HB	1:21:A:THR:H	8	0.1
(16,884)	1:18:A:PHE:HD1	1:128:A:LEU:HB3	7	0.1
(16,884)	1:18:A:PHE:HD2	1:128:A:LEU:HB3	7	0.1
(16,822)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	13	0.1
(16,822)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	13	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(16,822)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	13	0.1
(16,822)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	13	0.1
(16,822)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	13	0.1
(16,822)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	13	0.1
(16,816)	1:98:A:ILE:HD11	1:116:A:GLN:HE22	14	0.1
(16,816)	1:98:A:ILE:HD12	1:116:A:GLN:HE22	14	0.1
(16,816)	1:98:A:ILE:HD13	1:116:A:GLN:HE22	14	0.1
(16,807)	1:58:A:ILE:HD11	1:59:A:CYS:H	16	0.1
(16,807)	1:58:A:ILE:HD12	1:59:A:CYS:H	16	0.1
(16,807)	1:58:A:ILE:HD13	1:59:A:CYS:H	16	0.1
(16,807)	1:58:A:ILE:HD11	1:59:A:CYS:H	18	0.1
(16,807)	1:58:A:ILE:HD12	1:59:A:CYS:H	18	0.1
(16,807)	1:58:A:ILE:HD13	1:59:A:CYS:H	18	0.1
(16,783)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	3	0.1
(16,783)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	3	0.1
(16,783)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	3	0.1
(16,783)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	3	0.1
(16,783)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	3	0.1
(16,783)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	3	0.1
(16,633)	1:57:A:LEU:H	1:58:A:ILE:HD11	14	0.1
(16,633)	1:57:A:LEU:H	1:58:A:ILE:HD12	14	0.1
(16,633)	1:57:A:LEU:H	1:58:A:ILE:HD13	14	0.1
(16,395)	1:119:A:LEU:H	1:120:A:CYS:HB2	9	0.1
(16,355)	1:73:A:ILE:HD11	1:111:A:GLU:H	18	0.1
(16,355)	1:73:A:ILE:HD12	1:111:A:GLU:H	18	0.1
(16,355)	1:73:A:ILE:HD13	1:111:A:GLU:H	18	0.1
(16,345)	1:120:A:CYS:HA	1:123:A:CYS:H	17	0.1
(16,241)	1:50:A:ALA:H	1:52:A:CYS:H	8	0.1
(16,63)	1:81:A:GLU:H	1:81:A:GLU:HG2	4	0.1
(16,63)	1:81:A:GLU:H	1:81:A:GLU:HG3	4	0.1
(16,62)	1:80:A:TYR:HB3	1:81:A:GLU:H	9	0.1
(16,62)	1:80:A:TYR:HB2	1:81:A:GLU:H	9	0.1
(16,57)	1:24:A:ASP:HB2	1:25:A:ALA:H	18	0.1
(16,57)	1:24:A:ASP:HB3	1:25:A:ALA:H	18	0.1
(15,2218)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	13	0.1
(15,2218)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	13	0.1
(15,2216)	1:66:A:THR:HG21	1:96:A:VAL:HG11	6	0.1
(15,2216)	1:66:A:THR:HG21	1:96:A:VAL:HG12	6	0.1
(15,2216)	1:66:A:THR:HG21	1:96:A:VAL:HG13	6	0.1
(15,2216)	1:66:A:THR:HG21	1:96:A:VAL:HG21	6	0.1
(15,2216)	1:66:A:THR:HG21	1:96:A:VAL:HG22	6	0.1
(15,2216)	1:66:A:THR:HG21	1:96:A:VAL:HG23	6	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,2216)	1:66:A:THR:HG22	1:96:A:VAL:HG11	6	0.1
(15,2216)	1:66:A:THR:HG22	1:96:A:VAL:HG12	6	0.1
(15,2216)	1:66:A:THR:HG22	1:96:A:VAL:HG13	6	0.1
(15,2216)	1:66:A:THR:HG22	1:96:A:VAL:HG21	6	0.1
(15,2216)	1:66:A:THR:HG22	1:96:A:VAL:HG22	6	0.1
(15,2216)	1:66:A:THR:HG22	1:96:A:VAL:HG23	6	0.1
(15,2216)	1:66:A:THR:HG23	1:96:A:VAL:HG11	6	0.1
(15,2216)	1:66:A:THR:HG23	1:96:A:VAL:HG12	6	0.1
(15,2216)	1:66:A:THR:HG23	1:96:A:VAL:HG13	6	0.1
(15,2216)	1:66:A:THR:HG23	1:96:A:VAL:HG21	6	0.1
(15,2216)	1:66:A:THR:HG23	1:96:A:VAL:HG22	6	0.1
(15,2216)	1:66:A:THR:HG23	1:96:A:VAL:HG23	6	0.1
(15,2209)	1:65:A:CYS:HB2	1:70:A:LYS:HA	12	0.1
(15,2209)	1:65:A:CYS:HB3	1:70:A:LYS:HA	12	0.1
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD11	11	0.1
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD12	11	0.1
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD13	11	0.1
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD21	11	0.1
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD22	11	0.1
(15,2138)	1:46:A:ASN:HD22	1:140:A:LEU:HD23	11	0.1
(15,2130)	1:44:A:GLU:HG2	1:46:A:ASN:H	10	0.1
(15,2130)	1:44:A:GLU:HG3	1:46:A:ASN:H	10	0.1
(15,2115)	1:43:A:MET:H	1:43:A:MET:HG2	6	0.1
(15,2115)	1:43:A:MET:H	1:43:A:MET:HG3	6	0.1
(15,2106)	1:41:A:LYS:H	1:44:A:GLU:HG2	2	0.1
(15,2106)	1:41:A:LYS:H	1:44:A:GLU:HG3	2	0.1
(15,2106)	1:41:A:LYS:H	1:44:A:GLU:HG2	5	0.1
(15,2106)	1:41:A:LYS:H	1:44:A:GLU:HG3	5	0.1
(15,2083)	1:39:A:VAL:HG11	1:43:A:MET:HB2	6	0.1
(15,2083)	1:39:A:VAL:HG12	1:43:A:MET:HB2	6	0.1
(15,2083)	1:39:A:VAL:HG13	1:43:A:MET:HB2	6	0.1
(15,2083)	1:39:A:VAL:HG21	1:43:A:MET:HB2	6	0.1
(15,2083)	1:39:A:VAL:HG22	1:43:A:MET:HB2	6	0.1
(15,2083)	1:39:A:VAL:HG23	1:43:A:MET:HB2	6	0.1
(15,2008)	1:22:A:ASP:H	1:23:A:LEU:HD11	5	0.1
(15,2008)	1:22:A:ASP:H	1:23:A:LEU:HD12	5	0.1
(15,2008)	1:22:A:ASP:H	1:23:A:LEU:HD13	5	0.1
(15,2008)	1:22:A:ASP:H	1:23:A:LEU:HD21	5	0.1
(15,2008)	1:22:A:ASP:H	1:23:A:LEU:HD22	5	0.1
(15,2008)	1:22:A:ASP:H	1:23:A:LEU:HD23	5	0.1
(15,1792)	1:101:A:ILE:HB	1:104:A:PHE:HD1	13	0.1
(15,1792)	1:101:A:ILE:HB	1:104:A:PHE:HD2	13	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1777)	1:13:A:ALA:HA	1:80:A:TYR:HD1	11	0.1
(15,1777)	1:13:A:ALA:HA	1:80:A:TYR:HD2	11	0.1
(15,1664)	1:107:A:LEU:H	1:111:A:GLU:HB2	9	0.1
(15,1664)	1:107:A:LEU:H	1:111:A:GLU:HB3	9	0.1
(15,1598)	1:72:A:PHE:H	1:73:A:ILE:HG21	6	0.1
(15,1598)	1:72:A:PHE:H	1:73:A:ILE:HG22	6	0.1
(15,1598)	1:72:A:PHE:H	1:73:A:ILE:HG23	6	0.1
(15,1508)	1:65:A:CYS:H	1:69:A:MET:HE1	3	0.1
(15,1508)	1:65:A:CYS:H	1:69:A:MET:HE2	3	0.1
(15,1508)	1:65:A:CYS:H	1:69:A:MET:HE3	3	0.1
(15,1467)	1:101:A:ILE:HG21	1:115:A:ALA:H	16	0.1
(15,1467)	1:101:A:ILE:HG22	1:115:A:ALA:H	16	0.1
(15,1467)	1:101:A:ILE:HG23	1:115:A:ALA:H	16	0.1
(15,1407)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	7	0.1
(15,1407)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	7	0.1
(15,1407)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	7	0.1
(15,1407)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	7	0.1
(15,1407)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	7	0.1
(15,1407)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	7	0.1
(15,1381)	1:94:A:ALA:HA	1:95:A:ILE:H	15	0.1
(15,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	10	0.1
(15,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	10	0.1
(15,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	10	0.1
(15,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	10	0.1
(15,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	10	0.1
(15,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	10	0.1
(15,1289)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	12	0.1
(15,1289)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	12	0.1
(15,1289)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	12	0.1
(15,1289)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	12	0.1
(15,1289)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	12	0.1
(15,1289)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	12	0.1
(15,1289)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	12	0.1
(15,1289)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	12	0.1
(15,1289)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	12	0.1
(15,1289)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	12	0.1
(15,1289)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	12	0.1
(15,1289)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	12	0.1
(15,1289)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	12	0.1
(15,1289)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	12	0.1
(15,1289)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	12	0.1
(15,1289)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	12	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,1289)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	12	0.1
(15,1289)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	12	0.1
(15,1221)	1:110:A:MET:HA	1:113:A:PHE:HB2	2	0.1
(15,1191)	1:107:A:LEU:H	1:107:A:LEU:HD21	2	0.1
(15,1191)	1:107:A:LEU:H	1:107:A:LEU:HD22	2	0.1
(15,1191)	1:107:A:LEU:H	1:107:A:LEU:HD23	2	0.1
(15,1167)	1:101:A:ILE:H	1:119:A:LEU:HD21	5	0.1
(15,1167)	1:101:A:ILE:H	1:119:A:LEU:HD22	5	0.1
(15,1167)	1:101:A:ILE:H	1:119:A:LEU:HD23	5	0.1
(15,1160)	1:150:A:THR:HG21	1:151:A:PHE:HA	6	0.1
(15,1160)	1:150:A:THR:HG22	1:151:A:PHE:HA	6	0.1
(15,1160)	1:150:A:THR:HG23	1:151:A:PHE:HA	6	0.1
(15,1143)	1:78:A:HIS:HA	1:79:A:THR:HB	17	0.1
(15,991)	1:104:A:PHE:H	1:105:A:LYS:HB2	15	0.1
(15,991)	1:104:A:PHE:H	1:105:A:LYS:HB3	15	0.1
(15,958)	1:11:A:ILE:HG13	1:43:A:MET:HB2	6	0.1
(15,839)	1:27:A:ARG:H	1:27:A:ARG:HD2	17	0.1
(15,839)	1:27:A:ARG:H	1:27:A:ARG:HD3	17	0.1
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD11	19	0.1
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD12	19	0.1
(15,824)	1:98:A:ILE:HB	1:98:A:ILE:HD13	19	0.1
(15,782)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	3	0.1
(15,782)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	3	0.1
(15,782)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	3	0.1
(15,782)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	3	0.1
(15,782)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	3	0.1
(15,782)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	3	0.1
(15,763)	1:37:A:LEU:H	1:40:A:LEU:HB2	1	0.1
(15,675)	1:63:A:ILE:HG12	1:117:A:VAL:H	5	0.1
(15,634)	1:57:A:LEU:H	1:58:A:ILE:HD11	14	0.1
(15,634)	1:57:A:LEU:H	1:58:A:ILE:HD12	14	0.1
(15,634)	1:57:A:LEU:H	1:58:A:ILE:HD13	14	0.1
(15,626)	1:120:A:CYS:H	1:121:A:VAL:H	10	0.1
(15,620)	1:55:A:GLY:H	1:58:A:ILE:HB	15	0.1
(15,561)	1:124:A:THR:H	1:128:A:LEU:HD21	2	0.1
(15,561)	1:124:A:THR:H	1:128:A:LEU:HD22	2	0.1
(15,561)	1:124:A:THR:H	1:128:A:LEU:HD23	2	0.1
(15,344)	1:120:A:CYS:HA	1:123:A:CYS:H	17	0.1
(15,322)	1:137:A:SER:HB3	1:140:A:LEU:H	1	0.1
(15,321)	1:136:A:CYS:HA	1:140:A:LEU:H	17	0.1
(15,241)	1:50:A:ALA:H	1:52:A:CYS:H	8	0.1
(15,215)	1:98:A:ILE:HD11	1:101:A:ILE:H	2	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(15,215)	1:98:A:ILE:HD12	1:101:A:ILE:H	2	0.1
(15,215)	1:98:A:ILE:HD13	1:101:A:ILE:H	2	0.1
(15,68)	1:80:A:TYR:HB3	1:81:A:GLU:H	9	0.1
(15,68)	1:80:A:TYR:HB2	1:81:A:GLU:H	9	0.1
(15,55)	1:98:A:ILE:H	1:101:A:ILE:HG13	6	0.1
(13,2206)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	13	0.1
(13,2206)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	13	0.1
(13,2204)	1:66:A:THR:HG21	1:96:A:VAL:HG11	6	0.1
(13,2204)	1:66:A:THR:HG21	1:96:A:VAL:HG12	6	0.1
(13,2204)	1:66:A:THR:HG21	1:96:A:VAL:HG13	6	0.1
(13,2204)	1:66:A:THR:HG21	1:96:A:VAL:HG21	6	0.1
(13,2204)	1:66:A:THR:HG21	1:96:A:VAL:HG22	6	0.1
(13,2204)	1:66:A:THR:HG21	1:96:A:VAL:HG23	6	0.1
(13,2204)	1:66:A:THR:HG22	1:96:A:VAL:HG11	6	0.1
(13,2204)	1:66:A:THR:HG22	1:96:A:VAL:HG12	6	0.1
(13,2204)	1:66:A:THR:HG22	1:96:A:VAL:HG13	6	0.1
(13,2204)	1:66:A:THR:HG22	1:96:A:VAL:HG21	6	0.1
(13,2204)	1:66:A:THR:HG22	1:96:A:VAL:HG22	6	0.1
(13,2204)	1:66:A:THR:HG22	1:96:A:VAL:HG23	6	0.1
(13,2204)	1:66:A:THR:HG23	1:96:A:VAL:HG11	6	0.1
(13,2204)	1:66:A:THR:HG23	1:96:A:VAL:HG12	6	0.1
(13,2204)	1:66:A:THR:HG23	1:96:A:VAL:HG13	6	0.1
(13,2204)	1:66:A:THR:HG23	1:96:A:VAL:HG21	6	0.1
(13,2204)	1:66:A:THR:HG23	1:96:A:VAL:HG22	6	0.1
(13,2204)	1:66:A:THR:HG23	1:96:A:VAL:HG23	6	0.1
(13,2105)	1:44:A:GLU:HG2	1:46:A:ASN:H	10	0.1
(13,2105)	1:44:A:GLU:HG3	1:46:A:ASN:H	10	0.1
(13,1997)	1:22:A:ASP:H	1:23:A:LEU:HD11	5	0.1
(13,1997)	1:22:A:ASP:H	1:23:A:LEU:HD12	5	0.1
(13,1997)	1:22:A:ASP:H	1:23:A:LEU:HD13	5	0.1
(13,1997)	1:22:A:ASP:H	1:23:A:LEU:HD21	5	0.1
(13,1997)	1:22:A:ASP:H	1:23:A:LEU:HD22	5	0.1
(13,1997)	1:22:A:ASP:H	1:23:A:LEU:HD23	5	0.1
(13,1850)	1:18:A:PHE:HE1	1:131:A:LEU:H	8	0.1
(13,1850)	1:18:A:PHE:HE2	1:131:A:LEU:H	8	0.1
(13,1637)	1:107:A:LEU:H	1:111:A:GLU:HB2	9	0.1
(13,1637)	1:107:A:LEU:H	1:111:A:GLU:HB3	9	0.1
(13,1582)	1:24:A:ASP:HA	1:27:A:ARG:HA	4	0.1
(13,1551)	1:101:A:ILE:HD11	1:112:A:GLN:HA	12	0.1
(13,1551)	1:101:A:ILE:HD12	1:112:A:GLN:HA	12	0.1
(13,1551)	1:101:A:ILE:HD13	1:112:A:GLN:HA	12	0.1
(13,1443)	1:45:A:ALA:HB1	1:47:A:ALA:H	9	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1443)	1:45:A:ALA:HB2	1:47:A:ALA:H	9	0.1
(13,1443)	1:45:A:ALA:HB3	1:47:A:ALA:H	9	0.1
(13,1392)	1:69:A:MET:HA	1:73:A:ILE:HG21	1	0.1
(13,1392)	1:69:A:MET:HA	1:73:A:ILE:HG22	1	0.1
(13,1392)	1:69:A:MET:HA	1:73:A:ILE:HG23	1	0.1
(13,1367)	1:19:A:ALA:HB1	1:21:A:THR:HG21	18	0.1
(13,1367)	1:19:A:ALA:HB1	1:21:A:THR:HG22	18	0.1
(13,1367)	1:19:A:ALA:HB1	1:21:A:THR:HG23	18	0.1
(13,1367)	1:19:A:ALA:HB2	1:21:A:THR:HG21	18	0.1
(13,1367)	1:19:A:ALA:HB2	1:21:A:THR:HG22	18	0.1
(13,1367)	1:19:A:ALA:HB2	1:21:A:THR:HG23	18	0.1
(13,1367)	1:19:A:ALA:HB3	1:21:A:THR:HG21	18	0.1
(13,1367)	1:19:A:ALA:HB3	1:21:A:THR:HG22	18	0.1
(13,1367)	1:19:A:ALA:HB3	1:21:A:THR:HG23	18	0.1
(13,1361)	1:94:A:ALA:HA	1:95:A:ILE:H	15	0.1
(13,1347)	1:39:A:VAL:H	1:39:A:VAL:HG11	9	0.1
(13,1347)	1:39:A:VAL:H	1:39:A:VAL:HG12	9	0.1
(13,1347)	1:39:A:VAL:H	1:39:A:VAL:HG13	9	0.1
(13,1347)	1:39:A:VAL:H	1:39:A:VAL:HG11	17	0.1
(13,1347)	1:39:A:VAL:H	1:39:A:VAL:HG12	17	0.1
(13,1347)	1:39:A:VAL:H	1:39:A:VAL:HG13	17	0.1
(13,1246)	1:30:A:LEU:HD11	1:31:A:PRO:HD3	17	0.1
(13,1246)	1:30:A:LEU:HD12	1:31:A:PRO:HD3	17	0.1
(13,1246)	1:30:A:LEU:HD13	1:31:A:PRO:HD3	17	0.1
(13,1222)	1:37:A:LEU:HD11	1:38:A:GLU:HA	3	0.1
(13,1222)	1:37:A:LEU:HD12	1:38:A:GLU:HA	3	0.1
(13,1222)	1:37:A:LEU:HD13	1:38:A:GLU:HA	3	0.1
(13,1222)	1:37:A:LEU:HD11	1:38:A:GLU:HA	5	0.1
(13,1222)	1:37:A:LEU:HD12	1:38:A:GLU:HA	5	0.1
(13,1222)	1:37:A:LEU:HD13	1:38:A:GLU:HA	5	0.1
(13,1138)	1:150:A:THR:HG21	1:151:A:PHE:HA	6	0.1
(13,1138)	1:150:A:THR:HG22	1:151:A:PHE:HA	6	0.1
(13,1138)	1:150:A:THR:HG23	1:151:A:PHE:HA	6	0.1
(13,1109)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	7	0.1
(13,1109)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	7	0.1
(13,1109)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	7	0.1
(13,1109)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	7	0.1
(13,1109)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	7	0.1
(13,1109)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	7	0.1
(13,1084)	1:18:A:PHE:HA	1:113:A:PHE:HZ	19	0.1
(13,1068)	1:45:A:ALA:HA	1:48:A:ARG:HG2	11	0.1
(13,1068)	1:45:A:ALA:HA	1:48:A:ARG:HG3	11	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(13,1055)	1:54:A:ARG:HA	1:57:A:LEU:HB3	6	0.1
(13,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	16	0.1
(13,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	16	0.1
(13,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	16	0.1
(13,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	16	0.1
(13,974)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	18	0.1
(13,846)	1:60:A:LEU:HB3	1:63:A:ILE:H	5	0.1
(13,822)	1:27:A:ARG:H	1:27:A:ARG:HD2	17	0.1
(13,822)	1:27:A:ARG:H	1:27:A:ARG:HD3	17	0.1
(13,761)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	3	0.1
(13,761)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	3	0.1
(13,761)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	3	0.1
(13,761)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	3	0.1
(13,761)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	3	0.1
(13,761)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	3	0.1
(13,725)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	8	0.1
(13,709)	1:73:A:ILE:HG21	1:76:A:ARG:HE	16	0.1
(13,709)	1:73:A:ILE:HG22	1:76:A:ARG:HE	16	0.1
(13,709)	1:73:A:ILE:HG23	1:76:A:ARG:HE	16	0.1
(13,695)	1:23:A:LEU:HD11	1:27:A:ARG:HE	7	0.1
(13,695)	1:23:A:LEU:HD12	1:27:A:ARG:HE	7	0.1
(13,695)	1:23:A:LEU:HD13	1:27:A:ARG:HE	7	0.1
(13,615)	1:120:A:CYS:H	1:121:A:VAL:H	10	0.1
(13,338)	1:120:A:CYS:HA	1:123:A:CYS:H	17	0.1
(13,234)	1:50:A:ALA:H	1:52:A:CYS:H	8	0.1
(13,199)	1:99:A:PRO:HA	1:101:A:ILE:H	5	0.1
(13,62)	1:81:A:GLU:H	1:81:A:GLU:HG2	4	0.1
(13,62)	1:81:A:GLU:H	1:81:A:GLU:HG3	4	0.1
(11,2335)	1:106:A:ASP:H	1:107:A:LEU:HD11	6	0.1
(11,2335)	1:106:A:ASP:H	1:107:A:LEU:HD12	6	0.1
(11,2335)	1:106:A:ASP:H	1:107:A:LEU:HD13	6	0.1
(11,2335)	1:106:A:ASP:H	1:107:A:LEU:HD21	6	0.1
(11,2335)	1:106:A:ASP:H	1:107:A:LEU:HD22	6	0.1
(11,2335)	1:106:A:ASP:H	1:107:A:LEU:HD23	6	0.1
(11,2243)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	13	0.1
(11,2243)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	13	0.1
(11,2241)	1:66:A:THR:HG21	1:96:A:VAL:HG11	6	0.1
(11,2241)	1:66:A:THR:HG21	1:96:A:VAL:HG12	6	0.1
(11,2241)	1:66:A:THR:HG21	1:96:A:VAL:HG13	6	0.1
(11,2241)	1:66:A:THR:HG21	1:96:A:VAL:HG21	6	0.1
(11,2241)	1:66:A:THR:HG21	1:96:A:VAL:HG22	6	0.1
(11,2241)	1:66:A:THR:HG21	1:96:A:VAL:HG23	6	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,2241)	1:66:A:THR:HG22	1:96:A:VAL:HG11	6	0.1
(11,2241)	1:66:A:THR:HG22	1:96:A:VAL:HG12	6	0.1
(11,2241)	1:66:A:THR:HG22	1:96:A:VAL:HG13	6	0.1
(11,2241)	1:66:A:THR:HG22	1:96:A:VAL:HG21	6	0.1
(11,2241)	1:66:A:THR:HG22	1:96:A:VAL:HG22	6	0.1
(11,2241)	1:66:A:THR:HG22	1:96:A:VAL:HG23	6	0.1
(11,2241)	1:66:A:THR:HG23	1:96:A:VAL:HG11	6	0.1
(11,2241)	1:66:A:THR:HG23	1:96:A:VAL:HG12	6	0.1
(11,2241)	1:66:A:THR:HG23	1:96:A:VAL:HG13	6	0.1
(11,2241)	1:66:A:THR:HG23	1:96:A:VAL:HG21	6	0.1
(11,2241)	1:66:A:THR:HG23	1:96:A:VAL:HG22	6	0.1
(11,2241)	1:66:A:THR:HG23	1:96:A:VAL:HG23	6	0.1
(11,2225)	1:64:A:LYS:H	1:116:A:GLN:HE21	15	0.1
(11,2225)	1:64:A:LYS:H	1:116:A:GLN:HE22	15	0.1
(11,2087)	1:35:A:LEU:HD11	1:38:A:GLU:H	10	0.1
(11,2087)	1:35:A:LEU:HD12	1:38:A:GLU:H	10	0.1
(11,2087)	1:35:A:LEU:HD13	1:38:A:GLU:H	10	0.1
(11,2087)	1:35:A:LEU:HD21	1:38:A:GLU:H	10	0.1
(11,2087)	1:35:A:LEU:HD22	1:38:A:GLU:H	10	0.1
(11,2087)	1:35:A:LEU:HD23	1:38:A:GLU:H	10	0.1
(11,2072)	1:32:A:GLY:HA2	1:33:A:LYS:H	15	0.1
(11,2072)	1:32:A:GLY:HA3	1:33:A:LYS:H	15	0.1
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD11	7	0.1
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD12	7	0.1
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD13	7	0.1
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD21	7	0.1
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD22	7	0.1
(11,2052)	1:23:A:LEU:HA	1:23:A:LEU:HD23	7	0.1
(11,1974)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	13	0.1
(11,1974)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	13	0.1
(11,1974)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	13	0.1
(11,1974)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	13	0.1
(11,1974)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	13	0.1
(11,1974)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	13	0.1
(11,1974)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	13	0.1
(11,1974)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	13	0.1
(11,1974)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	13	0.1
(11,1974)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	13	0.1
(11,1974)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	13	0.1
(11,1974)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	13	0.1
(11,1974)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	13	0.1
(11,1974)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	13	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1974)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	13	0.1
(11,1974)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	13	0.1
(11,1974)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	13	0.1
(11,1974)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	13	0.1
(11,1915)	1:15:A:ALA:HB1	1:18:A:PHE:HE1	19	0.1
(11,1915)	1:15:A:ALA:HB1	1:18:A:PHE:HE2	19	0.1
(11,1915)	1:15:A:ALA:HB2	1:18:A:PHE:HE1	19	0.1
(11,1915)	1:15:A:ALA:HB2	1:18:A:PHE:HE2	19	0.1
(11,1915)	1:15:A:ALA:HB3	1:18:A:PHE:HE1	19	0.1
(11,1915)	1:15:A:ALA:HB3	1:18:A:PHE:HE2	19	0.1
(11,1910)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	17	0.1
(11,1910)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	17	0.1
(11,1910)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	17	0.1
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	4	0.1
(11,1838)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	4	0.1
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	4	0.1
(11,1838)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	4	0.1
(11,1704)	1:107:A:LEU:H	1:111:A:GLU:HB2	9	0.1
(11,1704)	1:107:A:LEU:H	1:111:A:GLU:HB3	9	0.1
(11,1681)	1:46:A:ASN:HD22	1:134:A:VAL:HG11	19	0.1
(11,1681)	1:46:A:ASN:HD22	1:134:A:VAL:HG12	19	0.1
(11,1681)	1:46:A:ASN:HD22	1:134:A:VAL:HG13	19	0.1
(11,1668)	1:114:A:ILE:HG21	1:117:A:VAL:HG21	9	0.1
(11,1668)	1:114:A:ILE:HG21	1:117:A:VAL:HG22	9	0.1
(11,1668)	1:114:A:ILE:HG21	1:117:A:VAL:HG23	9	0.1
(11,1668)	1:114:A:ILE:HG22	1:117:A:VAL:HG21	9	0.1
(11,1668)	1:114:A:ILE:HG22	1:117:A:VAL:HG22	9	0.1
(11,1668)	1:114:A:ILE:HG22	1:117:A:VAL:HG23	9	0.1
(11,1668)	1:114:A:ILE:HG23	1:117:A:VAL:HG21	9	0.1
(11,1668)	1:114:A:ILE:HG23	1:117:A:VAL:HG22	9	0.1
(11,1668)	1:114:A:ILE:HG23	1:117:A:VAL:HG23	9	0.1
(11,1644)	1:24:A:ASP:HA	1:27:A:ARG:HA	4	0.1
(11,1614)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	13	0.1
(11,1614)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	13	0.1
(11,1614)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	13	0.1
(11,1564)	1:63:A:ILE:HG21	1:69:A:MET:HE1	3	0.1
(11,1564)	1:63:A:ILE:HG21	1:69:A:MET:HE2	3	0.1
(11,1564)	1:63:A:ILE:HG21	1:69:A:MET:HE3	3	0.1
(11,1564)	1:63:A:ILE:HG22	1:69:A:MET:HE1	3	0.1
(11,1564)	1:63:A:ILE:HG22	1:69:A:MET:HE2	3	0.1
(11,1564)	1:63:A:ILE:HG22	1:69:A:MET:HE3	3	0.1
(11,1564)	1:63:A:ILE:HG23	1:69:A:MET:HE1	3	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,1564)	1:63:A:ILE:HG23	1:69:A:MET:HE2	3	0.1
(11,1564)	1:63:A:ILE:HG23	1:69:A:MET:HE3	3	0.1
(11,1538)	1:65:A:CYS:H	1:69:A:MET:HE1	3	0.1
(11,1538)	1:65:A:CYS:H	1:69:A:MET:HE2	3	0.1
(11,1538)	1:65:A:CYS:H	1:69:A:MET:HE3	3	0.1
(11,1488)	1:45:A:ALA:HB1	1:47:A:ALA:H	9	0.1
(11,1488)	1:45:A:ALA:HB2	1:47:A:ALA:H	9	0.1
(11,1488)	1:45:A:ALA:HB3	1:47:A:ALA:H	9	0.1
(11,1404)	1:94:A:ALA:HA	1:95:A:ILE:H	15	0.1
(11,1353)	1:8:A:ASP:HA	1:8:A:ASP:HB3	10	0.1
(11,1353)	1:8:A:ASP:HA	1:8:A:ASP:HB3	11	0.1
(11,1187)	1:140:A:LEU:HA	1:140:A:LEU:HG	14	0.1
(11,1187)	1:140:A:LEU:HA	1:140:A:LEU:HG	15	0.1
(11,1180)	1:101:A:ILE:H	1:119:A:LEU:HD21	5	0.1
(11,1180)	1:101:A:ILE:H	1:119:A:LEU:HD22	5	0.1
(11,1180)	1:101:A:ILE:H	1:119:A:LEU:HD23	5	0.1
(11,1172)	1:150:A:THR:HG21	1:151:A:PHE:HA	6	0.1
(11,1172)	1:150:A:THR:HG22	1:151:A:PHE:HA	6	0.1
(11,1172)	1:150:A:THR:HG23	1:151:A:PHE:HA	6	0.1
(11,1166)	1:145:A:PRO:HB2	1:146:A:GLN:HA	8	0.1
(11,1145)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	7	0.1
(11,1145)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	7	0.1
(11,1145)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	7	0.1
(11,1145)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	7	0.1
(11,1145)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	7	0.1
(11,1145)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	7	0.1
(11,1081)	1:54:A:ARG:HA	1:57:A:LEU:HB3	6	0.1
(11,1039)	1:41:A:LYS:HA	1:44:A:GLU:HB2	19	0.1
(11,1039)	1:41:A:LYS:HA	1:44:A:GLU:HB3	19	0.1
(11,1000)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	18	0.1
(11,971)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	1	0.1
(11,971)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	1	0.1
(11,939)	1:117:A:VAL:HA	1:118:A:ASP:HA	9	0.1
(11,939)	1:117:A:VAL:HA	1:118:A:ASP:HA	10	0.1
(11,939)	1:117:A:VAL:HA	1:118:A:ASP:HA	11	0.1
(11,939)	1:117:A:VAL:HA	1:118:A:ASP:HA	18	0.1
(11,862)	1:60:A:LEU:HB2	1:63:A:ILE:H	10	0.1
(11,811)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	13	0.1
(11,811)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	13	0.1
(11,811)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	13	0.1
(11,811)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	13	0.1
(11,811)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	13	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(11,811)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	13	0.1
(11,773)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	3	0.1
(11,773)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	3	0.1
(11,773)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	3	0.1
(11,773)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	3	0.1
(11,773)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	3	0.1
(11,773)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	3	0.1
(11,655)	1:99:A:PRO:HG3	1:100:A:ALA:H	15	0.1
(11,628)	1:57:A:LEU:H	1:58:A:ILE:HD11	14	0.1
(11,628)	1:57:A:LEU:H	1:58:A:ILE:HD12	14	0.1
(11,628)	1:57:A:LEU:H	1:58:A:ILE:HD13	14	0.1
(11,548)	1:59:A:CYS:HB3	1:61:A:SER:H	4	0.1
(11,543)	1:60:A:LEU:HD11	1:61:A:SER:H	19	0.1
(11,543)	1:60:A:LEU:HD12	1:61:A:SER:H	19	0.1
(11,543)	1:60:A:LEU:HD13	1:61:A:SER:H	19	0.1
(11,343)	1:120:A:CYS:HA	1:123:A:CYS:H	17	0.1
(11,321)	1:56:A:CYS:HA	1:122:A:ASP:H	5	0.1
(11,199)	1:99:A:PRO:HA	1:101:A:ILE:H	5	0.1
(11,69)	1:80:A:TYR:HB3	1:81:A:GLU:H	9	0.1
(11,69)	1:80:A:TYR:HB2	1:81:A:GLU:H	9	0.1
(9,2338)	1:125:A:THR:HB	1:129:A:LYS:HG2	9	0.1
(9,2338)	1:125:A:THR:HB	1:129:A:LYS:HG3	9	0.1
(9,2287)	1:111:A:GLU:H	1:111:A:GLU:HG2	6	0.1
(9,2287)	1:111:A:GLU:H	1:111:A:GLU:HG3	6	0.1
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD11	16	0.1
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD12	16	0.1
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD13	16	0.1
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD21	16	0.1
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD22	16	0.1
(9,2263)	1:106:A:ASP:H	1:107:A:LEU:HD23	16	0.1
(9,2239)	1:96:A:VAL:HG11	1:98:A:ILE:HD11	7	0.1
(9,2239)	1:96:A:VAL:HG11	1:98:A:ILE:HD12	7	0.1
(9,2239)	1:96:A:VAL:HG11	1:98:A:ILE:HD13	7	0.1
(9,2239)	1:96:A:VAL:HG12	1:98:A:ILE:HD11	7	0.1
(9,2239)	1:96:A:VAL:HG12	1:98:A:ILE:HD12	7	0.1
(9,2239)	1:96:A:VAL:HG12	1:98:A:ILE:HD13	7	0.1
(9,2239)	1:96:A:VAL:HG13	1:98:A:ILE:HD11	7	0.1
(9,2239)	1:96:A:VAL:HG13	1:98:A:ILE:HD12	7	0.1
(9,2239)	1:96:A:VAL:HG13	1:98:A:ILE:HD13	7	0.1
(9,2239)	1:96:A:VAL:HG21	1:98:A:ILE:HD11	7	0.1
(9,2239)	1:96:A:VAL:HG21	1:98:A:ILE:HD12	7	0.1
(9,2239)	1:96:A:VAL:HG21	1:98:A:ILE:HD13	7	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2239)	1:96:A:VAL:HG22	1:98:A:ILE:HD11	7	0.1
(9,2239)	1:96:A:VAL:HG22	1:98:A:ILE:HD12	7	0.1
(9,2239)	1:96:A:VAL:HG22	1:98:A:ILE:HD13	7	0.1
(9,2239)	1:96:A:VAL:HG23	1:98:A:ILE:HD11	7	0.1
(9,2239)	1:96:A:VAL:HG23	1:98:A:ILE:HD12	7	0.1
(9,2239)	1:96:A:VAL:HG23	1:98:A:ILE:HD13	7	0.1
(9,2195)	1:69:A:MET:H	1:70:A:LYS:HG2	6	0.1
(9,2195)	1:69:A:MET:H	1:70:A:LYS:HG3	6	0.1
(9,2194)	1:69:A:MET:H	1:69:A:MET:HG2	1	0.1
(9,2194)	1:69:A:MET:H	1:69:A:MET:HG3	1	0.1
(9,2190)	1:66:A:THR:HG21	1:96:A:VAL:HG11	6	0.1
(9,2190)	1:66:A:THR:HG21	1:96:A:VAL:HG12	6	0.1
(9,2190)	1:66:A:THR:HG21	1:96:A:VAL:HG13	6	0.1
(9,2190)	1:66:A:THR:HG21	1:96:A:VAL:HG21	6	0.1
(9,2190)	1:66:A:THR:HG21	1:96:A:VAL:HG22	6	0.1
(9,2190)	1:66:A:THR:HG21	1:96:A:VAL:HG23	6	0.1
(9,2190)	1:66:A:THR:HG22	1:96:A:VAL:HG11	6	0.1
(9,2190)	1:66:A:THR:HG22	1:96:A:VAL:HG12	6	0.1
(9,2190)	1:66:A:THR:HG22	1:96:A:VAL:HG13	6	0.1
(9,2190)	1:66:A:THR:HG22	1:96:A:VAL:HG21	6	0.1
(9,2190)	1:66:A:THR:HG22	1:96:A:VAL:HG22	6	0.1
(9,2190)	1:66:A:THR:HG22	1:96:A:VAL:HG23	6	0.1
(9,2190)	1:66:A:THR:HG23	1:96:A:VAL:HG11	6	0.1
(9,2190)	1:66:A:THR:HG23	1:96:A:VAL:HG12	6	0.1
(9,2190)	1:66:A:THR:HG23	1:96:A:VAL:HG13	6	0.1
(9,2190)	1:66:A:THR:HG23	1:96:A:VAL:HG21	6	0.1
(9,2190)	1:66:A:THR:HG23	1:96:A:VAL:HG22	6	0.1
(9,2190)	1:66:A:THR:HG23	1:96:A:VAL:HG23	6	0.1
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG11	12	0.1
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG12	12	0.1
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG13	12	0.1
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG21	12	0.1
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG22	12	0.1
(9,2063)	1:36:A:PRO:HA	1:39:A:VAL:HG23	12	0.1
(9,2017)	1:23:A:LEU:H	1:23:A:LEU:HD11	5	0.1
(9,2017)	1:23:A:LEU:H	1:23:A:LEU:HD12	5	0.1
(9,2017)	1:23:A:LEU:H	1:23:A:LEU:HD13	5	0.1
(9,2017)	1:23:A:LEU:H	1:23:A:LEU:HD21	5	0.1
(9,2017)	1:23:A:LEU:H	1:23:A:LEU:HD22	5	0.1
(9,2017)	1:23:A:LEU:H	1:23:A:LEU:HD23	5	0.1
(9,2016)	1:22:A:ASP:H	1:23:A:LEU:HD11	5	0.1
(9,2016)	1:22:A:ASP:H	1:23:A:LEU:HD12	5	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,2016)	1:22:A:ASP:H	1:23:A:LEU:HD13	5	0.1
(9,2016)	1:22:A:ASP:H	1:23:A:LEU:HD21	5	0.1
(9,2016)	1:22:A:ASP:H	1:23:A:LEU:HD22	5	0.1
(9,2016)	1:22:A:ASP:H	1:23:A:LEU:HD23	5	0.1
(9,1926)	1:9:A:PHE:HE1	1:40:A:LEU:HD11	11	0.1
(9,1926)	1:9:A:PHE:HE1	1:40:A:LEU:HD12	11	0.1
(9,1926)	1:9:A:PHE:HE1	1:40:A:LEU:HD13	11	0.1
(9,1926)	1:9:A:PHE:HE1	1:40:A:LEU:HD21	11	0.1
(9,1926)	1:9:A:PHE:HE1	1:40:A:LEU:HD22	11	0.1
(9,1926)	1:9:A:PHE:HE1	1:40:A:LEU:HD23	11	0.1
(9,1926)	1:9:A:PHE:HE2	1:40:A:LEU:HD11	11	0.1
(9,1926)	1:9:A:PHE:HE2	1:40:A:LEU:HD12	11	0.1
(9,1926)	1:9:A:PHE:HE2	1:40:A:LEU:HD13	11	0.1
(9,1926)	1:9:A:PHE:HE2	1:40:A:LEU:HD21	11	0.1
(9,1926)	1:9:A:PHE:HE2	1:40:A:LEU:HD22	11	0.1
(9,1926)	1:9:A:PHE:HE2	1:40:A:LEU:HD23	11	0.1
(9,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	17	0.1
(9,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	17	0.1
(9,1890)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	17	0.1
(9,1834)	1:58:A:ILE:HG21	1:62:A:HIS:HD2	13	0.1
(9,1834)	1:58:A:ILE:HG22	1:62:A:HIS:HD2	13	0.1
(9,1834)	1:58:A:ILE:HG23	1:62:A:HIS:HD2	13	0.1
(9,1781)	1:13:A:ALA:HA	1:80:A:TYR:HD1	11	0.1
(9,1781)	1:13:A:ALA:HA	1:80:A:TYR:HD2	11	0.1
(9,1759)	1:97:A:ASP:HA	1:105:A:LYS:HA	5	0.1
(9,1758)	1:66:A:THR:HG21	1:97:A:ASP:HA	4	0.1
(9,1758)	1:66:A:THR:HG22	1:97:A:ASP:HA	4	0.1
(9,1758)	1:66:A:THR:HG23	1:97:A:ASP:HA	4	0.1
(9,1661)	1:107:A:LEU:H	1:111:A:GLU:HB2	9	0.1
(9,1661)	1:107:A:LEU:H	1:111:A:GLU:HB3	9	0.1
(9,1639)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	5	0.1
(9,1639)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	5	0.1
(9,1639)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	5	0.1
(9,1639)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	5	0.1
(9,1639)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	5	0.1
(9,1639)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	5	0.1
(9,1599)	1:72:A:PHE:H	1:73:A:ILE:HG21	6	0.1
(9,1599)	1:72:A:PHE:H	1:73:A:ILE:HG22	6	0.1
(9,1599)	1:72:A:PHE:H	1:73:A:ILE:HG23	6	0.1
(9,1591)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	17	0.1
(9,1591)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	17	0.1
(9,1591)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	17	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,1523)	1:69:A:MET:HE1	1:113:A:PHE:HB3	11	0.1
(9,1523)	1:69:A:MET:HE2	1:113:A:PHE:HB3	11	0.1
(9,1523)	1:69:A:MET:HE3	1:113:A:PHE:HB3	11	0.1
(9,1513)	1:65:A:CYS:H	1:69:A:MET:HE1	3	0.1
(9,1513)	1:65:A:CYS:H	1:69:A:MET:HE2	3	0.1
(9,1513)	1:65:A:CYS:H	1:69:A:MET:HE3	3	0.1
(9,1469)	1:101:A:ILE:HG21	1:115:A:ALA:H	16	0.1
(9,1469)	1:101:A:ILE:HG22	1:115:A:ALA:H	16	0.1
(9,1469)	1:101:A:ILE:HG23	1:115:A:ALA:H	16	0.1
(9,1251)	1:37:A:LEU:HD11	1:38:A:GLU:HA	3	0.1
(9,1251)	1:37:A:LEU:HD12	1:38:A:GLU:HA	3	0.1
(9,1251)	1:37:A:LEU:HD13	1:38:A:GLU:HA	3	0.1
(9,1251)	1:37:A:LEU:HD11	1:38:A:GLU:HA	5	0.1
(9,1251)	1:37:A:LEU:HD12	1:38:A:GLU:HA	5	0.1
(9,1251)	1:37:A:LEU:HD13	1:38:A:GLU:HA	5	0.1
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD21	4	0.1
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD22	4	0.1
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD23	4	0.1
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD21	5	0.1
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD22	5	0.1
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD23	5	0.1
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD21	14	0.1
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD22	14	0.1
(9,1186)	1:119:A:LEU:HB2	1:119:A:LEU:HD23	14	0.1
(9,1076)	1:103:A:ARG:HB2	1:104:A:PHE:HA	13	0.1
(9,1076)	1:103:A:ARG:HB3	1:104:A:PHE:HA	13	0.1
(9,1070)	1:54:A:ARG:HA	1:57:A:LEU:HB3	6	0.1
(9,1066)	1:54:A:ARG:HA	1:58:A:ILE:HG13	1	0.1
(9,1024)	1:41:A:LYS:HA	1:44:A:GLU:HB2	19	0.1
(9,1024)	1:41:A:LYS:HA	1:44:A:GLU:HB3	19	0.1
(9,977)	1:49:A:LYS:HB2	1:50:A:ALA:HA	7	0.1
(9,977)	1:49:A:LYS:HB3	1:50:A:ALA:HA	7	0.1
(9,917)	1:11:A:ILE:HD11	1:44:A:GLU:HG3	17	0.1
(9,917)	1:11:A:ILE:HD12	1:44:A:GLU:HG3	17	0.1
(9,917)	1:11:A:ILE:HD13	1:44:A:GLU:HG3	17	0.1
(9,914)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	17	0.1
(9,834)	1:27:A:ARG:H	1:27:A:ARG:HD2	17	0.1
(9,834)	1:27:A:ARG:H	1:27:A:ARG:HD3	17	0.1
(9,831)	1:69:A:MET:HE1	1:114:A:ILE:HD11	5	0.1
(9,831)	1:69:A:MET:HE1	1:114:A:ILE:HD12	5	0.1
(9,831)	1:69:A:MET:HE1	1:114:A:ILE:HD13	5	0.1
(9,831)	1:69:A:MET:HE2	1:114:A:ILE:HD11	5	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(9,831)	1:69:A:MET:HE2	1:114:A:ILE:HD12	5	0.1
(9,831)	1:69:A:MET:HE2	1:114:A:ILE:HD13	5	0.1
(9,831)	1:69:A:MET:HE3	1:114:A:ILE:HD11	5	0.1
(9,831)	1:69:A:MET:HE3	1:114:A:ILE:HD12	5	0.1
(9,831)	1:69:A:MET:HE3	1:114:A:ILE:HD13	5	0.1
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD11	1	0.1
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD12	1	0.1
(9,802)	1:8:A:ASP:HB3	1:58:A:ILE:HD13	1	0.1
(9,737)	1:104:A:PHE:HZ	1:112:A:GLN:HE22	8	0.1
(9,547)	1:60:A:LEU:HD11	1:61:A:SER:H	19	0.1
(9,547)	1:60:A:LEU:HD12	1:61:A:SER:H	19	0.1
(9,547)	1:60:A:LEU:HD13	1:61:A:SER:H	19	0.1
(9,478)	1:14:A:VAL:H	1:61:A:SER:HA	1	0.1
(9,478)	1:14:A:VAL:H	1:61:A:SER:HA	15	0.1
(9,351)	1:120:A:CYS:HA	1:123:A:CYS:H	17	0.1
(9,328)	1:56:A:CYS:HA	1:122:A:ASP:H	5	0.1
(9,327)	1:136:A:CYS:HA	1:140:A:LEU:H	17	0.1
(9,204)	1:99:A:PRO:HA	1:101:A:ILE:H	5	0.1
(9,44)	1:98:A:ILE:H	1:99:A:PRO:HD3	1	0.1
(7,2315)	1:107:A:LEU:HD11	1:108:A:GLU:H	2	0.1
(7,2315)	1:107:A:LEU:HD12	1:108:A:GLU:H	2	0.1
(7,2315)	1:107:A:LEU:HD13	1:108:A:GLU:H	2	0.1
(7,2315)	1:107:A:LEU:HD21	1:108:A:GLU:H	2	0.1
(7,2315)	1:107:A:LEU:HD22	1:108:A:GLU:H	2	0.1
(7,2315)	1:107:A:LEU:HD23	1:108:A:GLU:H	2	0.1
(7,2254)	1:81:A:GLU:H	1:81:A:GLU:HB2	4	0.1
(7,2254)	1:81:A:GLU:H	1:81:A:GLU:HB3	4	0.1
(7,2220)	1:66:A:THR:HG21	1:96:A:VAL:HG11	6	0.1
(7,2220)	1:66:A:THR:HG21	1:96:A:VAL:HG12	6	0.1
(7,2220)	1:66:A:THR:HG21	1:96:A:VAL:HG13	6	0.1
(7,2220)	1:66:A:THR:HG21	1:96:A:VAL:HG21	6	0.1
(7,2220)	1:66:A:THR:HG21	1:96:A:VAL:HG22	6	0.1
(7,2220)	1:66:A:THR:HG21	1:96:A:VAL:HG23	6	0.1
(7,2220)	1:66:A:THR:HG22	1:96:A:VAL:HG11	6	0.1
(7,2220)	1:66:A:THR:HG22	1:96:A:VAL:HG12	6	0.1
(7,2220)	1:66:A:THR:HG22	1:96:A:VAL:HG13	6	0.1
(7,2220)	1:66:A:THR:HG22	1:96:A:VAL:HG21	6	0.1
(7,2220)	1:66:A:THR:HG22	1:96:A:VAL:HG22	6	0.1
(7,2220)	1:66:A:THR:HG22	1:96:A:VAL:HG23	6	0.1
(7,2220)	1:66:A:THR:HG23	1:96:A:VAL:HG11	6	0.1
(7,2220)	1:66:A:THR:HG23	1:96:A:VAL:HG12	6	0.1
(7,2220)	1:66:A:THR:HG23	1:96:A:VAL:HG13	6	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2220)	1:66:A:THR:HG23	1:96:A:VAL:HG21	6	0.1
(7,2220)	1:66:A:THR:HG23	1:96:A:VAL:HG22	6	0.1
(7,2220)	1:66:A:THR:HG23	1:96:A:VAL:HG23	6	0.1
(7,2184)	1:60:A:LEU:HD11	1:123:A:CYS:H	2	0.1
(7,2184)	1:60:A:LEU:HD12	1:123:A:CYS:H	2	0.1
(7,2184)	1:60:A:LEU:HD13	1:123:A:CYS:H	2	0.1
(7,2184)	1:60:A:LEU:HD21	1:123:A:CYS:H	2	0.1
(7,2184)	1:60:A:LEU:HD22	1:123:A:CYS:H	2	0.1
(7,2184)	1:60:A:LEU:HD23	1:123:A:CYS:H	2	0.1
(7,2151)	1:50:A:ALA:HB1	1:133:A:ASN:HB2	9	0.1
(7,2151)	1:50:A:ALA:HB1	1:133:A:ASN:HB3	9	0.1
(7,2151)	1:50:A:ALA:HB2	1:133:A:ASN:HB2	9	0.1
(7,2151)	1:50:A:ALA:HB2	1:133:A:ASN:HB3	9	0.1
(7,2151)	1:50:A:ALA:HB3	1:133:A:ASN:HB2	9	0.1
(7,2151)	1:50:A:ALA:HB3	1:133:A:ASN:HB3	9	0.1
(7,2082)	1:39:A:VAL:HG11	1:40:A:LEU:HD11	16	0.1
(7,2082)	1:39:A:VAL:HG11	1:40:A:LEU:HD12	16	0.1
(7,2082)	1:39:A:VAL:HG11	1:40:A:LEU:HD13	16	0.1
(7,2082)	1:39:A:VAL:HG11	1:40:A:LEU:HD21	16	0.1
(7,2082)	1:39:A:VAL:HG11	1:40:A:LEU:HD22	16	0.1
(7,2082)	1:39:A:VAL:HG11	1:40:A:LEU:HD23	16	0.1
(7,2082)	1:39:A:VAL:HG12	1:40:A:LEU:HD11	16	0.1
(7,2082)	1:39:A:VAL:HG12	1:40:A:LEU:HD12	16	0.1
(7,2082)	1:39:A:VAL:HG12	1:40:A:LEU:HD13	16	0.1
(7,2082)	1:39:A:VAL:HG12	1:40:A:LEU:HD21	16	0.1
(7,2082)	1:39:A:VAL:HG12	1:40:A:LEU:HD22	16	0.1
(7,2082)	1:39:A:VAL:HG12	1:40:A:LEU:HD23	16	0.1
(7,2082)	1:39:A:VAL:HG13	1:40:A:LEU:HD11	16	0.1
(7,2082)	1:39:A:VAL:HG13	1:40:A:LEU:HD12	16	0.1
(7,2082)	1:39:A:VAL:HG13	1:40:A:LEU:HD13	16	0.1
(7,2082)	1:39:A:VAL:HG13	1:40:A:LEU:HD21	16	0.1
(7,2082)	1:39:A:VAL:HG13	1:40:A:LEU:HD22	16	0.1
(7,2082)	1:39:A:VAL:HG13	1:40:A:LEU:HD23	16	0.1
(7,2082)	1:39:A:VAL:HG21	1:40:A:LEU:HD11	16	0.1
(7,2082)	1:39:A:VAL:HG21	1:40:A:LEU:HD12	16	0.1
(7,2082)	1:39:A:VAL:HG21	1:40:A:LEU:HD13	16	0.1
(7,2082)	1:39:A:VAL:HG21	1:40:A:LEU:HD21	16	0.1
(7,2082)	1:39:A:VAL:HG21	1:40:A:LEU:HD22	16	0.1
(7,2082)	1:39:A:VAL:HG21	1:40:A:LEU:HD23	16	0.1
(7,2082)	1:39:A:VAL:HG22	1:40:A:LEU:HD11	16	0.1
(7,2082)	1:39:A:VAL:HG22	1:40:A:LEU:HD12	16	0.1
(7,2082)	1:39:A:VAL:HG22	1:40:A:LEU:HD13	16	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,2082)	1:39:A:VAL:HG22	1:40:A:LEU:HD21	16	0.1
(7,2082)	1:39:A:VAL:HG22	1:40:A:LEU:HD22	16	0.1
(7,2082)	1:39:A:VAL:HG22	1:40:A:LEU:HD23	16	0.1
(7,2082)	1:39:A:VAL:HG23	1:40:A:LEU:HD11	16	0.1
(7,2082)	1:39:A:VAL:HG23	1:40:A:LEU:HD12	16	0.1
(7,2082)	1:39:A:VAL:HG23	1:40:A:LEU:HD13	16	0.1
(7,2082)	1:39:A:VAL:HG23	1:40:A:LEU:HD21	16	0.1
(7,2082)	1:39:A:VAL:HG23	1:40:A:LEU:HD22	16	0.1
(7,2082)	1:39:A:VAL:HG23	1:40:A:LEU:HD23	16	0.1
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD11	17	0.1
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD12	17	0.1
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD13	17	0.1
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD21	17	0.1
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD22	17	0.1
(7,2079)	1:39:A:VAL:HB	1:139:A:LEU:HD23	17	0.1
(7,2042)	1:35:A:LEU:HD11	1:38:A:GLU:H	10	0.1
(7,2042)	1:35:A:LEU:HD12	1:38:A:GLU:H	10	0.1
(7,2042)	1:35:A:LEU:HD13	1:38:A:GLU:H	10	0.1
(7,2042)	1:35:A:LEU:HD21	1:38:A:GLU:H	10	0.1
(7,2042)	1:35:A:LEU:HD22	1:38:A:GLU:H	10	0.1
(7,2042)	1:35:A:LEU:HD23	1:38:A:GLU:H	10	0.1
(7,2022)	1:30:A:LEU:HD11	1:31:A:PRO:HD2	10	0.1
(7,2022)	1:30:A:LEU:HD11	1:31:A:PRO:HD3	10	0.1
(7,2022)	1:30:A:LEU:HD12	1:31:A:PRO:HD2	10	0.1
(7,2022)	1:30:A:LEU:HD12	1:31:A:PRO:HD3	10	0.1
(7,2022)	1:30:A:LEU:HD13	1:31:A:PRO:HD2	10	0.1
(7,2022)	1:30:A:LEU:HD13	1:31:A:PRO:HD3	10	0.1
(7,2022)	1:30:A:LEU:HD21	1:31:A:PRO:HD2	10	0.1
(7,2022)	1:30:A:LEU:HD21	1:31:A:PRO:HD3	10	0.1
(7,2022)	1:30:A:LEU:HD22	1:31:A:PRO:HD2	10	0.1
(7,2022)	1:30:A:LEU:HD22	1:31:A:PRO:HD3	10	0.1
(7,2022)	1:30:A:LEU:HD23	1:31:A:PRO:HD2	10	0.1
(7,2022)	1:30:A:LEU:HD23	1:31:A:PRO:HD3	10	0.1
(7,1990)	1:22:A:ASP:H	1:23:A:LEU:HD11	5	0.1
(7,1990)	1:22:A:ASP:H	1:23:A:LEU:HD12	5	0.1
(7,1990)	1:22:A:ASP:H	1:23:A:LEU:HD13	5	0.1
(7,1990)	1:22:A:ASP:H	1:23:A:LEU:HD21	5	0.1
(7,1990)	1:22:A:ASP:H	1:23:A:LEU:HD22	5	0.1
(7,1990)	1:22:A:ASP:H	1:23:A:LEU:HD23	5	0.1
(7,1862)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	17	0.1
(7,1862)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	17	0.1
(7,1862)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	17	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1826)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	5	0.1
(7,1803)	1:139:A:LEU:HB2	1:143:A:TRP:HD1	9	0.1
(7,1803)	1:139:A:LEU:HB3	1:143:A:TRP:HD1	9	0.1
(7,1741)	1:54:A:ARG:HA	1:57:A:LEU:HB3	6	0.1
(7,1639)	1:107:A:LEU:H	1:111:A:GLU:HB2	9	0.1
(7,1639)	1:107:A:LEU:H	1:111:A:GLU:HB3	9	0.1
(7,1584)	1:24:A:ASP:HA	1:27:A:ARG:HA	4	0.1
(7,1579)	1:72:A:PHE:H	1:73:A:ILE:HG21	6	0.1
(7,1579)	1:72:A:PHE:H	1:73:A:ILE:HG22	6	0.1
(7,1579)	1:72:A:PHE:H	1:73:A:ILE:HG23	6	0.1
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG21	14	0.1
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG22	14	0.1
(7,1578)	1:119:A:LEU:HB3	1:121:A:VAL:HG23	14	0.1
(7,1453)	1:101:A:ILE:HG21	1:115:A:ALA:H	16	0.1
(7,1453)	1:101:A:ILE:HG22	1:115:A:ALA:H	16	0.1
(7,1453)	1:101:A:ILE:HG23	1:115:A:ALA:H	16	0.1
(7,1451)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	12	0.1
(7,1451)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	12	0.1
(7,1451)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	12	0.1
(7,1451)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	12	0.1
(7,1451)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	12	0.1
(7,1451)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	12	0.1
(7,1451)	1:44:A:GLU:HB2	1:45:A:ALA:HB1	14	0.1
(7,1451)	1:44:A:GLU:HB2	1:45:A:ALA:HB2	14	0.1
(7,1451)	1:44:A:GLU:HB2	1:45:A:ALA:HB3	14	0.1
(7,1451)	1:44:A:GLU:HB3	1:45:A:ALA:HB1	14	0.1
(7,1451)	1:44:A:GLU:HB3	1:45:A:ALA:HB2	14	0.1
(7,1451)	1:44:A:GLU:HB3	1:45:A:ALA:HB3	14	0.1
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG21	4	0.1
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG22	4	0.1
(7,1413)	1:120:A:CYS:HA	1:121:A:VAL:HG23	4	0.1
(7,1388)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	7	0.1
(7,1388)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	7	0.1
(7,1388)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	7	0.1
(7,1345)	1:119:A:LEU:HB2	1:121:A:VAL:HG11	6	0.1
(7,1345)	1:119:A:LEU:HB2	1:121:A:VAL:HG12	6	0.1
(7,1345)	1:119:A:LEU:HB2	1:121:A:VAL:HG13	6	0.1
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG11	8	0.1
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG12	8	0.1
(7,1343)	1:119:A:LEU:HA	1:121:A:VAL:HG13	8	0.1
(7,1339)	1:39:A:VAL:H	1:39:A:VAL:HG11	9	0.1
(7,1339)	1:39:A:VAL:H	1:39:A:VAL:HG12	9	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,1339)	1:39:A:VAL:H	1:39:A:VAL:HG13	9	0.1
(7,1339)	1:39:A:VAL:H	1:39:A:VAL:HG11	17	0.1
(7,1339)	1:39:A:VAL:H	1:39:A:VAL:HG12	17	0.1
(7,1339)	1:39:A:VAL:H	1:39:A:VAL:HG13	17	0.1
(7,1327)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	10	0.1
(7,1327)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	10	0.1
(7,1327)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	10	0.1
(7,1327)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	10	0.1
(7,1327)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	10	0.1
(7,1327)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	10	0.1
(7,1247)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	12	0.1
(7,1247)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	12	0.1
(7,1247)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	12	0.1
(7,1247)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	12	0.1
(7,1247)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	12	0.1
(7,1247)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	12	0.1
(7,1037)	1:95:A:ILE:HA	1:96:A:VAL:HB	5	0.1
(7,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	16	0.1
(7,1000)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	16	0.1
(7,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	16	0.1
(7,1000)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	16	0.1
(7,915)	1:81:A:GLU:HA	1:81:A:GLU:HG2	18	0.1
(7,915)	1:81:A:GLU:HA	1:81:A:GLU:HG3	18	0.1
(7,902)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	19	0.1
(7,902)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	19	0.1
(7,902)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	19	0.1
(7,897)	1:20:A:THR:HB	1:21:A:THR:H	8	0.1
(7,835)	1:43:A:MET:HE1	1:131:A:LEU:HB3	6	0.1
(7,835)	1:43:A:MET:HE2	1:131:A:LEU:HB3	6	0.1
(7,835)	1:43:A:MET:HE3	1:131:A:LEU:HB3	6	0.1
(7,835)	1:43:A:MET:HE1	1:131:A:LEU:HB3	17	0.1
(7,835)	1:43:A:MET:HE2	1:131:A:LEU:HB3	17	0.1
(7,835)	1:43:A:MET:HE3	1:131:A:LEU:HB3	17	0.1
(7,804)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	13	0.1
(7,804)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	13	0.1
(7,804)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	13	0.1
(7,804)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	13	0.1
(7,804)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	13	0.1
(7,804)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	13	0.1
(7,766)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	3	0.1
(7,766)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	3	0.1
(7,766)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	3	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(7,766)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	3	0.1
(7,766)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	3	0.1
(7,766)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	3	0.1
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	7	0.1
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	7	0.1
(7,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	7	0.1
(7,732)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	15	0.1
(7,626)	1:57:A:LEU:H	1:58:A:ILE:HD11	14	0.1
(7,626)	1:57:A:LEU:H	1:58:A:ILE:HD12	14	0.1
(7,626)	1:57:A:LEU:H	1:58:A:ILE:HD13	14	0.1
(7,500)	1:105:A:LYS:H	1:105:A:LYS:HG3	3	0.1
(7,500)	1:105:A:LYS:H	1:105:A:LYS:HG2	3	0.1
(7,500)	1:105:A:LYS:H	1:105:A:LYS:HG3	12	0.1
(7,500)	1:105:A:LYS:H	1:105:A:LYS:HG2	12	0.1
(7,331)	1:122:A:ASP:H	1:123:A:CYS:HA	17	0.1
(7,202)	1:99:A:PRO:HA	1:101:A:ILE:H	5	0.1
(7,100)	1:63:A:ILE:H	1:63:A:ILE:HG21	4	0.1
(7,100)	1:63:A:ILE:H	1:63:A:ILE:HG22	4	0.1
(7,100)	1:63:A:ILE:H	1:63:A:ILE:HG23	4	0.1
(7,100)	1:63:A:ILE:H	1:63:A:ILE:HG21	5	0.1
(7,100)	1:63:A:ILE:H	1:63:A:ILE:HG22	5	0.1
(7,100)	1:63:A:ILE:H	1:63:A:ILE:HG23	5	0.1
(7,62)	1:81:A:GLU:H	1:81:A:GLU:HG2	4	0.1
(7,62)	1:81:A:GLU:H	1:81:A:GLU:HG3	4	0.1
(6,2438)	1:137:A:SER:HB2	1:139:A:LEU:H	12	0.1
(6,2438)	1:137:A:SER:HB3	1:139:A:LEU:H	12	0.1
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD11	18	0.1
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD12	18	0.1
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD13	18	0.1
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD21	18	0.1
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD22	18	0.1
(6,2390)	1:123:A:CYS:H	1:128:A:LEU:HD23	18	0.1
(6,2334)	1:107:A:LEU:HD11	1:112:A:GLN:HA	6	0.1
(6,2334)	1:107:A:LEU:HD12	1:112:A:GLN:HA	6	0.1
(6,2334)	1:107:A:LEU:HD13	1:112:A:GLN:HA	6	0.1
(6,2334)	1:107:A:LEU:HD21	1:112:A:GLN:HA	6	0.1
(6,2334)	1:107:A:LEU:HD22	1:112:A:GLN:HA	6	0.1
(6,2334)	1:107:A:LEU:HD23	1:112:A:GLN:HA	6	0.1
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD11	16	0.1
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD12	16	0.1
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD13	16	0.1
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD21	16	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD22	16	0.1
(6,2324)	1:106:A:ASP:H	1:107:A:LEU:HD23	16	0.1
(6,2286)	1:96:A:VAL:HG11	1:97:A:ASP:H	12	0.1
(6,2286)	1:96:A:VAL:HG12	1:97:A:ASP:H	12	0.1
(6,2286)	1:96:A:VAL:HG13	1:97:A:ASP:H	12	0.1
(6,2286)	1:96:A:VAL:HG21	1:97:A:ASP:H	12	0.1
(6,2286)	1:96:A:VAL:HG22	1:97:A:ASP:H	12	0.1
(6,2286)	1:96:A:VAL:HG23	1:97:A:ASP:H	12	0.1
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD11	8	0.1
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD12	8	0.1
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD13	8	0.1
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD21	8	0.1
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD22	8	0.1
(6,2010)	1:14:A:VAL:HG11	1:131:A:LEU:HD23	8	0.1
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD11	8	0.1
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD12	8	0.1
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD13	8	0.1
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD21	8	0.1
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD22	8	0.1
(6,2010)	1:14:A:VAL:HG12	1:131:A:LEU:HD23	8	0.1
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD11	8	0.1
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD12	8	0.1
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD13	8	0.1
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD21	8	0.1
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD22	8	0.1
(6,2010)	1:14:A:VAL:HG13	1:131:A:LEU:HD23	8	0.1
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	8	0.1
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	8	0.1
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	8	0.1
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD21	8	0.1
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD22	8	0.1
(6,2010)	1:14:A:VAL:HG21	1:131:A:LEU:HD23	8	0.1
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	8	0.1
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	8	0.1
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	8	0.1
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD21	8	0.1
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD22	8	0.1
(6,2010)	1:14:A:VAL:HG22	1:131:A:LEU:HD23	8	0.1
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	8	0.1
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	8	0.1
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	8	0.1
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD21	8	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD22	8	0.1
(6,2010)	1:14:A:VAL:HG23	1:131:A:LEU:HD23	8	0.1
(6,1911)	1:18:A:PHE:HA	1:113:A:PHE:HE1	3	0.1
(6,1911)	1:18:A:PHE:HA	1:113:A:PHE:HE2	3	0.1
(6,1909)	1:113:A:PHE:HD1	1:114:A:ILE:HB	1	0.1
(6,1909)	1:113:A:PHE:HD2	1:114:A:ILE:HB	1	0.1
(6,1903)	1:18:A:PHE:HE1	1:131:A:LEU:H	8	0.1
(6,1903)	1:18:A:PHE:HE2	1:131:A:LEU:H	8	0.1
(6,1901)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	17	0.1
(6,1901)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	17	0.1
(6,1901)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	17	0.1
(6,1881)	1:18:A:PHE:HD1	1:131:A:LEU:HD11	13	0.1
(6,1881)	1:18:A:PHE:HD1	1:131:A:LEU:HD12	13	0.1
(6,1881)	1:18:A:PHE:HD1	1:131:A:LEU:HD13	13	0.1
(6,1881)	1:18:A:PHE:HD2	1:131:A:LEU:HD11	13	0.1
(6,1881)	1:18:A:PHE:HD2	1:131:A:LEU:HD12	13	0.1
(6,1881)	1:18:A:PHE:HD2	1:131:A:LEU:HD13	13	0.1
(6,1863)	1:9:A:PHE:HZ	1:11:A:ILE:HG13	18	0.1
(6,1863)	1:9:A:PHE:HZ	1:11:A:ILE:HG12	18	0.1
(6,1829)	1:9:A:PHE:HZ	1:54:A:ARG:HA	10	0.1
(6,1770)	1:66:A:THR:HG21	1:97:A:ASP:HA	4	0.1
(6,1770)	1:66:A:THR:HG22	1:97:A:ASP:HA	4	0.1
(6,1770)	1:66:A:THR:HG23	1:97:A:ASP:HA	4	0.1
(6,1671)	1:107:A:LEU:H	1:111:A:GLU:HB2	9	0.1
(6,1671)	1:107:A:LEU:H	1:111:A:GLU:HB3	9	0.1
(6,1654)	1:46:A:ASN:HD22	1:134:A:VAL:HG21	3	0.1
(6,1654)	1:46:A:ASN:HD22	1:134:A:VAL:HG22	3	0.1
(6,1654)	1:46:A:ASN:HD22	1:134:A:VAL:HG23	3	0.1
(6,1616)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	7	0.1
(6,1616)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	7	0.1
(6,1616)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	7	0.1
(6,1611)	1:24:A:ASP:HA	1:27:A:ARG:HA	4	0.1
(6,1605)	1:72:A:PHE:H	1:73:A:ILE:HG21	6	0.1
(6,1605)	1:72:A:PHE:H	1:73:A:ILE:HG22	6	0.1
(6,1605)	1:72:A:PHE:H	1:73:A:ILE:HG23	6	0.1
(6,1598)	1:8:A:ASP:HB3	1:58:A:ILE:HG21	17	0.1
(6,1598)	1:8:A:ASP:HB3	1:58:A:ILE:HG22	17	0.1
(6,1598)	1:8:A:ASP:HB3	1:58:A:ILE:HG23	17	0.1
(6,1584)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	13	0.1
(6,1584)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	13	0.1
(6,1584)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	13	0.1
(6,1512)	1:65:A:CYS:H	1:69:A:MET:HE1	3	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1512)	1:65:A:CYS:H	1:69:A:MET:HE2	3	0.1
(6,1512)	1:65:A:CYS:H	1:69:A:MET:HE3	3	0.1
(6,1454)	1:13:A:ALA:HB1	1:79:A:THR:HB	4	0.1
(6,1454)	1:13:A:ALA:HB2	1:79:A:THR:HB	4	0.1
(6,1454)	1:13:A:ALA:HB3	1:79:A:THR:HB	4	0.1
(6,1413)	1:69:A:MET:HA	1:73:A:ILE:HG21	1	0.1
(6,1413)	1:69:A:MET:HA	1:73:A:ILE:HG22	1	0.1
(6,1413)	1:69:A:MET:HA	1:73:A:ILE:HG23	1	0.1
(6,1394)	1:11:A:ILE:HG21	1:44:A:GLU:HG3	5	0.1
(6,1394)	1:11:A:ILE:HG22	1:44:A:GLU:HG3	5	0.1
(6,1394)	1:11:A:ILE:HG23	1:44:A:GLU:HG3	5	0.1
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG11	8	0.1
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG12	8	0.1
(6,1357)	1:119:A:LEU:HA	1:121:A:VAL:HG13	8	0.1
(6,1322)	1:53:A:THR:H	1:53:A:THR:HG21	3	0.1
(6,1322)	1:53:A:THR:H	1:53:A:THR:HG22	3	0.1
(6,1322)	1:53:A:THR:H	1:53:A:THR:HG23	3	0.1
(6,1277)	1:14:A:VAL:HG21	1:131:A:LEU:HD11	10	0.1
(6,1277)	1:14:A:VAL:HG21	1:131:A:LEU:HD12	10	0.1
(6,1277)	1:14:A:VAL:HG21	1:131:A:LEU:HD13	10	0.1
(6,1277)	1:14:A:VAL:HG22	1:131:A:LEU:HD11	10	0.1
(6,1277)	1:14:A:VAL:HG22	1:131:A:LEU:HD12	10	0.1
(6,1277)	1:14:A:VAL:HG22	1:131:A:LEU:HD13	10	0.1
(6,1277)	1:14:A:VAL:HG23	1:131:A:LEU:HD11	10	0.1
(6,1277)	1:14:A:VAL:HG23	1:131:A:LEU:HD12	10	0.1
(6,1277)	1:14:A:VAL:HG23	1:131:A:LEU:HD13	10	0.1
(6,1187)	1:100:A:ALA:HA	1:119:A:LEU:HD21	16	0.1
(6,1187)	1:100:A:ALA:HA	1:119:A:LEU:HD22	16	0.1
(6,1187)	1:100:A:ALA:HA	1:119:A:LEU:HD23	16	0.1
(6,1150)	1:150:A:THR:HG21	1:151:A:PHE:HA	6	0.1
(6,1150)	1:150:A:THR:HG22	1:151:A:PHE:HA	6	0.1
(6,1150)	1:150:A:THR:HG23	1:151:A:PHE:HA	6	0.1
(6,1121)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	7	0.1
(6,1121)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	7	0.1
(6,1121)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	7	0.1
(6,1121)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	7	0.1
(6,1121)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	7	0.1
(6,1121)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	7	0.1
(6,1053)	1:54:A:ARG:HA	1:58:A:ILE:HG13	1	0.1
(6,1043)	1:95:A:ILE:HA	1:96:A:VAL:HB	5	0.1
(6,1012)	1:41:A:LYS:HA	1:44:A:GLU:HB2	19	0.1
(6,1012)	1:41:A:LYS:HA	1:44:A:GLU:HB3	19	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(6,1003)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	16	0.1
(6,1003)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	16	0.1
(6,1003)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	16	0.1
(6,1003)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	16	0.1
(6,978)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	18	0.1
(6,827)	1:27:A:ARG:H	1:27:A:ARG:HD2	17	0.1
(6,827)	1:27:A:ARG:H	1:27:A:ARG:HD3	17	0.1
(6,808)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	13	0.1
(6,808)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	13	0.1
(6,808)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	13	0.1
(6,808)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	13	0.1
(6,808)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	13	0.1
(6,808)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	13	0.1
(6,768)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	3	0.1
(6,768)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	3	0.1
(6,768)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	3	0.1
(6,768)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	3	0.1
(6,768)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	3	0.1
(6,768)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	3	0.1
(6,742)	1:147:A:ARG:HA	1:147:A:ARG:HE	3	0.1
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	7	0.1
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	7	0.1
(6,738)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	7	0.1
(6,635)	1:66:A:THR:H	1:70:A:LYS:H	13	0.1
(6,623)	1:57:A:LEU:H	1:58:A:ILE:HD11	14	0.1
(6,623)	1:57:A:LEU:H	1:58:A:ILE:HD12	14	0.1
(6,623)	1:57:A:LEU:H	1:58:A:ILE:HD13	14	0.1
(6,614)	1:120:A:CYS:H	1:121:A:VAL:H	10	0.1
(6,538)	1:60:A:LEU:HD11	1:61:A:SER:H	19	0.1
(6,538)	1:60:A:LEU:HD12	1:61:A:SER:H	19	0.1
(6,538)	1:60:A:LEU:HD13	1:61:A:SER:H	19	0.1
(6,483)	1:98:A:ILE:H	1:105:A:LYS:H	1	0.1
(6,338)	1:120:A:CYS:HA	1:123:A:CYS:H	17	0.1
(6,316)	1:56:A:CYS:HA	1:122:A:ASP:H	5	0.1
(6,314)	1:136:A:CYS:HA	1:140:A:LEU:H	17	0.1
(6,227)	1:10:A:ASN:H	1:10:A:ASN:HB3	3	0.1
(6,200)	1:99:A:PRO:HA	1:101:A:ILE:H	5	0.1
(6,111)	1:21:A:THR:HB	1:22:A:ASP:H	7	0.1
(6,62)	1:32:A:GLY:HA2	1:81:A:GLU:H	10	0.1
(5,2479)	1:146:A:GLN:HG2	1:148:A:CYS:H	11	0.1
(5,2479)	1:146:A:GLN:HG3	1:148:A:CYS:H	11	0.1
(5,2435)	1:139:A:LEU:HB2	1:140:A:LEU:HD11	7	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2435)	1:139:A:LEU:HB2	1:140:A:LEU:HD12	7	0.1
(5,2435)	1:139:A:LEU:HB2	1:140:A:LEU:HD13	7	0.1
(5,2435)	1:139:A:LEU:HB2	1:140:A:LEU:HD21	7	0.1
(5,2435)	1:139:A:LEU:HB2	1:140:A:LEU:HD22	7	0.1
(5,2435)	1:139:A:LEU:HB2	1:140:A:LEU:HD23	7	0.1
(5,2435)	1:139:A:LEU:HB3	1:140:A:LEU:HD11	7	0.1
(5,2435)	1:139:A:LEU:HB3	1:140:A:LEU:HD12	7	0.1
(5,2435)	1:139:A:LEU:HB3	1:140:A:LEU:HD13	7	0.1
(5,2435)	1:139:A:LEU:HB3	1:140:A:LEU:HD21	7	0.1
(5,2435)	1:139:A:LEU:HB3	1:140:A:LEU:HD22	7	0.1
(5,2435)	1:139:A:LEU:HB3	1:140:A:LEU:HD23	7	0.1
(5,2394)	1:127:A:CYS:H	1:129:A:LYS:HG2	8	0.1
(5,2394)	1:127:A:CYS:H	1:129:A:LYS:HG3	8	0.1
(5,2321)	1:106:A:ASP:H	1:107:A:LEU:HD11	6	0.1
(5,2321)	1:106:A:ASP:H	1:107:A:LEU:HD12	6	0.1
(5,2321)	1:106:A:ASP:H	1:107:A:LEU:HD13	6	0.1
(5,2321)	1:106:A:ASP:H	1:107:A:LEU:HD21	6	0.1
(5,2321)	1:106:A:ASP:H	1:107:A:LEU:HD22	6	0.1
(5,2321)	1:106:A:ASP:H	1:107:A:LEU:HD23	6	0.1
(5,2284)	1:96:A:VAL:HG11	1:97:A:ASP:H	12	0.1
(5,2284)	1:96:A:VAL:HG12	1:97:A:ASP:H	12	0.1
(5,2284)	1:96:A:VAL:HG13	1:97:A:ASP:H	12	0.1
(5,2284)	1:96:A:VAL:HG21	1:97:A:ASP:H	12	0.1
(5,2284)	1:96:A:VAL:HG22	1:97:A:ASP:H	12	0.1
(5,2284)	1:96:A:VAL:HG23	1:97:A:ASP:H	12	0.1
(5,2264)	1:73:A:ILE:HG21	1:109:A:PRO:HD2	2	0.1
(5,2264)	1:73:A:ILE:HG21	1:109:A:PRO:HD3	2	0.1
(5,2264)	1:73:A:ILE:HG22	1:109:A:PRO:HD2	2	0.1
(5,2264)	1:73:A:ILE:HG22	1:109:A:PRO:HD3	2	0.1
(5,2264)	1:73:A:ILE:HG23	1:109:A:PRO:HD2	2	0.1
(5,2264)	1:73:A:ILE:HG23	1:109:A:PRO:HD3	2	0.1
(5,2264)	1:73:A:ILE:HG21	1:109:A:PRO:HD2	4	0.1
(5,2264)	1:73:A:ILE:HG21	1:109:A:PRO:HD3	4	0.1
(5,2264)	1:73:A:ILE:HG22	1:109:A:PRO:HD2	4	0.1
(5,2264)	1:73:A:ILE:HG22	1:109:A:PRO:HD3	4	0.1
(5,2264)	1:73:A:ILE:HG23	1:109:A:PRO:HD2	4	0.1
(5,2264)	1:73:A:ILE:HG23	1:109:A:PRO:HD3	4	0.1
(5,2232)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	13	0.1
(5,2232)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	13	0.1
(5,2135)	1:43:A:MET:H	1:43:A:MET:HG2	6	0.1
(5,2135)	1:43:A:MET:H	1:43:A:MET:HG3	6	0.1
(5,2127)	1:40:A:LEU:HD11	1:44:A:GLU:HG3	7	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,2127)	1:40:A:LEU:HD12	1:44:A:GLU:HG3	7	0.1
(5,2127)	1:40:A:LEU:HD13	1:44:A:GLU:HG3	7	0.1
(5,2127)	1:40:A:LEU:HD21	1:44:A:GLU:HG3	7	0.1
(5,2127)	1:40:A:LEU:HD22	1:44:A:GLU:HG3	7	0.1
(5,2127)	1:40:A:LEU:HD23	1:44:A:GLU:HG3	7	0.1
(5,2065)	1:35:A:LEU:HD11	1:143:A:TRP:HD1	4	0.1
(5,2065)	1:35:A:LEU:HD12	1:143:A:TRP:HD1	4	0.1
(5,2065)	1:35:A:LEU:HD13	1:143:A:TRP:HD1	4	0.1
(5,2065)	1:35:A:LEU:HD21	1:143:A:TRP:HD1	4	0.1
(5,2065)	1:35:A:LEU:HD22	1:143:A:TRP:HD1	4	0.1
(5,2065)	1:35:A:LEU:HD23	1:143:A:TRP:HD1	4	0.1
(5,2059)	1:35:A:LEU:HD11	1:38:A:GLU:H	10	0.1
(5,2059)	1:35:A:LEU:HD12	1:38:A:GLU:H	10	0.1
(5,2059)	1:35:A:LEU:HD13	1:38:A:GLU:H	10	0.1
(5,2059)	1:35:A:LEU:HD21	1:38:A:GLU:H	10	0.1
(5,2059)	1:35:A:LEU:HD22	1:38:A:GLU:H	10	0.1
(5,2059)	1:35:A:LEU:HD23	1:38:A:GLU:H	10	0.1
(5,2038)	1:29:A:LYS:HA	1:30:A:LEU:HD11	19	0.1
(5,2038)	1:29:A:LYS:HA	1:30:A:LEU:HD12	19	0.1
(5,2038)	1:29:A:LYS:HA	1:30:A:LEU:HD13	19	0.1
(5,2038)	1:29:A:LYS:HA	1:30:A:LEU:HD21	19	0.1
(5,2038)	1:29:A:LYS:HA	1:30:A:LEU:HD22	19	0.1
(5,2038)	1:29:A:LYS:HA	1:30:A:LEU:HD23	19	0.1
(5,1926)	1:149:A:ALA:HB1	1:151:A:PHE:HD1	19	0.1
(5,1926)	1:149:A:ALA:HB1	1:151:A:PHE:HD2	19	0.1
(5,1926)	1:149:A:ALA:HB2	1:151:A:PHE:HD1	19	0.1
(5,1926)	1:149:A:ALA:HB2	1:151:A:PHE:HD2	19	0.1
(5,1926)	1:149:A:ALA:HB3	1:151:A:PHE:HD1	19	0.1
(5,1926)	1:149:A:ALA:HB3	1:151:A:PHE:HD2	19	0.1
(5,1917)	1:18:A:PHE:HE1	1:131:A:LEU:H	8	0.1
(5,1917)	1:18:A:PHE:HE2	1:131:A:LEU:H	8	0.1
(5,1916)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	10	0.1
(5,1916)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	10	0.1
(5,1916)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	10	0.1
(5,1846)	1:9:A:PHE:HZ	1:54:A:ARG:HE	6	0.1
(5,1792)	1:97:A:ASP:HA	1:105:A:LYS:HA	5	0.1
(5,1786)	1:141:A:LYS:HA	1:148:A:CYS:H	6	0.1
(5,1629)	1:24:A:ASP:HA	1:27:A:ARG:HA	4	0.1
(5,1620)	1:72:A:PHE:H	1:73:A:ILE:HG21	6	0.1
(5,1620)	1:72:A:PHE:H	1:73:A:ILE:HG22	6	0.1
(5,1620)	1:72:A:PHE:H	1:73:A:ILE:HG23	6	0.1
(5,1598)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	13	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,1598)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	13	0.1
(5,1598)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	13	0.1
(5,1572)	1:11:A:ILE:HD11	1:57:A:LEU:HD21	13	0.1
(5,1572)	1:11:A:ILE:HD11	1:57:A:LEU:HD22	13	0.1
(5,1572)	1:11:A:ILE:HD11	1:57:A:LEU:HD23	13	0.1
(5,1572)	1:11:A:ILE:HD12	1:57:A:LEU:HD21	13	0.1
(5,1572)	1:11:A:ILE:HD12	1:57:A:LEU:HD22	13	0.1
(5,1572)	1:11:A:ILE:HD12	1:57:A:LEU:HD23	13	0.1
(5,1572)	1:11:A:ILE:HD13	1:57:A:LEU:HD21	13	0.1
(5,1572)	1:11:A:ILE:HD13	1:57:A:LEU:HD22	13	0.1
(5,1572)	1:11:A:ILE:HD13	1:57:A:LEU:HD23	13	0.1
(5,1562)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	7	0.1
(5,1562)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	7	0.1
(5,1562)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	7	0.1
(5,1562)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	7	0.1
(5,1562)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	7	0.1
(5,1562)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	7	0.1
(5,1536)	1:69:A:MET:HE1	1:113:A:PHE:HE1	19	0.1
(5,1536)	1:69:A:MET:HE1	1:113:A:PHE:HE2	19	0.1
(5,1536)	1:69:A:MET:HE2	1:113:A:PHE:HE1	19	0.1
(5,1536)	1:69:A:MET:HE2	1:113:A:PHE:HE2	19	0.1
(5,1536)	1:69:A:MET:HE3	1:113:A:PHE:HE1	19	0.1
(5,1536)	1:69:A:MET:HE3	1:113:A:PHE:HE2	19	0.1
(5,1533)	1:65:A:CYS:H	1:69:A:MET:HE1	3	0.1
(5,1533)	1:65:A:CYS:H	1:69:A:MET:HE2	3	0.1
(5,1533)	1:65:A:CYS:H	1:69:A:MET:HE3	3	0.1
(5,1436)	1:69:A:MET:HA	1:73:A:ILE:HG21	1	0.1
(5,1436)	1:69:A:MET:HA	1:73:A:ILE:HG22	1	0.1
(5,1436)	1:69:A:MET:HA	1:73:A:ILE:HG23	1	0.1
(5,1290)	1:44:A:GLU:HB2	1:45:A:ALA:HA	13	0.1
(5,1290)	1:44:A:GLU:HB3	1:45:A:ALA:HA	13	0.1
(5,1080)	1:54:A:ARG:HA	1:57:A:LEU:HB3	6	0.1
(5,1067)	1:95:A:ILE:HA	1:96:A:VAL:HB	5	0.1
(5,1037)	1:41:A:LYS:HA	1:44:A:GLU:HB2	19	0.1
(5,1037)	1:41:A:LYS:HA	1:44:A:GLU:HB3	19	0.1
(5,1031)	1:11:A:ILE:HG12	1:44:A:GLU:HG3	17	0.1
(5,1021)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	5	0.1
(5,1021)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	5	0.1
(5,980)	1:49:A:LYS:HB2	1:50:A:ALA:HA	7	0.1
(5,980)	1:49:A:LYS:HB3	1:50:A:ALA:HA	7	0.1
(5,913)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	1	0.1
(5,859)	1:39:A:VAL:H	1:139:A:LEU:HB2	3	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(5,859)	1:39:A:VAL:H	1:139:A:LEU:HB3	3	0.1
(5,835)	1:27:A:ARG:H	1:27:A:ARG:HD2	17	0.1
(5,835)	1:27:A:ARG:H	1:27:A:ARG:HD3	17	0.1
(5,797)	1:58:A:ILE:HD11	1:59:A:CYS:H	16	0.1
(5,797)	1:58:A:ILE:HD12	1:59:A:CYS:H	16	0.1
(5,797)	1:58:A:ILE:HD13	1:59:A:CYS:H	16	0.1
(5,797)	1:58:A:ILE:HD11	1:59:A:CYS:H	18	0.1
(5,797)	1:58:A:ILE:HD12	1:59:A:CYS:H	18	0.1
(5,797)	1:58:A:ILE:HD13	1:59:A:CYS:H	18	0.1
(5,774)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	3	0.1
(5,774)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	3	0.1
(5,774)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	3	0.1
(5,774)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	3	0.1
(5,774)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	3	0.1
(5,774)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	3	0.1
(5,627)	1:57:A:LEU:H	1:58:A:ILE:HD11	14	0.1
(5,627)	1:57:A:LEU:H	1:58:A:ILE:HD12	14	0.1
(5,627)	1:57:A:LEU:H	1:58:A:ILE:HD13	14	0.1
(5,609)	1:55:A:GLY:H	1:58:A:ILE:HB	15	0.1
(5,501)	1:70:A:LYS:HE2	1:71:A:LYS:H	19	0.1
(5,501)	1:70:A:LYS:HE3	1:71:A:LYS:H	19	0.1
(5,347)	1:102:A:PRO:HA	1:104:A:PHE:H	2	0.1
(5,334)	1:120:A:CYS:HA	1:123:A:CYS:H	17	0.1
(5,327)	1:122:A:ASP:H	1:123:A:CYS:HA	17	0.1
(5,310)	1:136:A:CYS:HA	1:140:A:LEU:H	17	0.1
(5,244)	1:110:A:MET:H	1:113:A:PHE:H	11	0.1
(5,229)	1:10:A:ASN:H	1:14:A:VAL:HG21	11	0.1
(5,229)	1:10:A:ASN:H	1:14:A:VAL:HG22	11	0.1
(5,229)	1:10:A:ASN:H	1:14:A:VAL:HG23	11	0.1
(5,60)	1:81:A:GLU:H	1:81:A:GLU:HG2	4	0.1
(5,60)	1:81:A:GLU:H	1:81:A:GLU:HG3	4	0.1
(5,54)	1:24:A:ASP:HB2	1:25:A:ALA:H	18	0.1
(5,54)	1:24:A:ASP:HB3	1:25:A:ALA:H	18	0.1
(4,2445)	1:139:A:LEU:HB2	1:140:A:LEU:HD11	7	0.1
(4,2445)	1:139:A:LEU:HB2	1:140:A:LEU:HD12	7	0.1
(4,2445)	1:139:A:LEU:HB2	1:140:A:LEU:HD13	7	0.1
(4,2445)	1:139:A:LEU:HB2	1:140:A:LEU:HD21	7	0.1
(4,2445)	1:139:A:LEU:HB2	1:140:A:LEU:HD22	7	0.1
(4,2445)	1:139:A:LEU:HB2	1:140:A:LEU:HD23	7	0.1
(4,2445)	1:139:A:LEU:HB3	1:140:A:LEU:HD11	7	0.1
(4,2445)	1:139:A:LEU:HB3	1:140:A:LEU:HD12	7	0.1
(4,2445)	1:139:A:LEU:HB3	1:140:A:LEU:HD13	7	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2445)	1:139:A:LEU:HB3	1:140:A:LEU:HD21	7	0.1
(4,2445)	1:139:A:LEU:HB3	1:140:A:LEU:HD22	7	0.1
(4,2445)	1:139:A:LEU:HB3	1:140:A:LEU:HD23	7	0.1
(4,2411)	1:129:A:LYS:HA	1:129:A:LYS:HG2	13	0.1
(4,2411)	1:129:A:LYS:HA	1:129:A:LYS:HG3	13	0.1
(4,2411)	1:129:A:LYS:HA	1:129:A:LYS:HG2	15	0.1
(4,2411)	1:129:A:LYS:HA	1:129:A:LYS:HG3	15	0.1
(4,2391)	1:121:A:VAL:HG21	1:122:A:ASP:HB2	1	0.1
(4,2391)	1:121:A:VAL:HG21	1:122:A:ASP:HB3	1	0.1
(4,2391)	1:121:A:VAL:HG22	1:122:A:ASP:HB2	1	0.1
(4,2391)	1:121:A:VAL:HG22	1:122:A:ASP:HB3	1	0.1
(4,2391)	1:121:A:VAL:HG23	1:122:A:ASP:HB2	1	0.1
(4,2391)	1:121:A:VAL:HG23	1:122:A:ASP:HB3	1	0.1
(4,2348)	1:111:A:GLU:H	1:111:A:GLU:HG2	6	0.1
(4,2348)	1:111:A:GLU:H	1:111:A:GLU:HG3	6	0.1
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD11	16	0.1
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD12	16	0.1
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD13	16	0.1
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD21	16	0.1
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD22	16	0.1
(4,2322)	1:106:A:ASP:H	1:107:A:LEU:HD23	16	0.1
(4,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB2	12	0.1
(4,2267)	1:79:A:THR:HG21	1:81:A:GLU:HB3	12	0.1
(4,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB2	12	0.1
(4,2267)	1:79:A:THR:HG22	1:81:A:GLU:HB3	12	0.1
(4,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB2	12	0.1
(4,2267)	1:79:A:THR:HG23	1:81:A:GLU:HB3	12	0.1
(4,2227)	1:66:A:THR:HG21	1:96:A:VAL:HG11	6	0.1
(4,2227)	1:66:A:THR:HG21	1:96:A:VAL:HG12	6	0.1
(4,2227)	1:66:A:THR:HG21	1:96:A:VAL:HG13	6	0.1
(4,2227)	1:66:A:THR:HG21	1:96:A:VAL:HG21	6	0.1
(4,2227)	1:66:A:THR:HG21	1:96:A:VAL:HG22	6	0.1
(4,2227)	1:66:A:THR:HG21	1:96:A:VAL:HG23	6	0.1
(4,2227)	1:66:A:THR:HG22	1:96:A:VAL:HG11	6	0.1
(4,2227)	1:66:A:THR:HG22	1:96:A:VAL:HG12	6	0.1
(4,2227)	1:66:A:THR:HG22	1:96:A:VAL:HG13	6	0.1
(4,2227)	1:66:A:THR:HG22	1:96:A:VAL:HG21	6	0.1
(4,2227)	1:66:A:THR:HG22	1:96:A:VAL:HG22	6	0.1
(4,2227)	1:66:A:THR:HG22	1:96:A:VAL:HG23	6	0.1
(4,2227)	1:66:A:THR:HG23	1:96:A:VAL:HG11	6	0.1
(4,2227)	1:66:A:THR:HG23	1:96:A:VAL:HG12	6	0.1
(4,2227)	1:66:A:THR:HG23	1:96:A:VAL:HG13	6	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,2227)	1:66:A:THR:HG23	1:96:A:VAL:HG21	6	0.1
(4,2227)	1:66:A:THR:HG23	1:96:A:VAL:HG22	6	0.1
(4,2227)	1:66:A:THR:HG23	1:96:A:VAL:HG23	6	0.1
(4,2194)	1:59:A:CYS:HA	1:60:A:LEU:HD11	2	0.1
(4,2194)	1:59:A:CYS:HA	1:60:A:LEU:HD12	2	0.1
(4,2194)	1:59:A:CYS:HA	1:60:A:LEU:HD13	2	0.1
(4,2194)	1:59:A:CYS:HA	1:60:A:LEU:HD21	2	0.1
(4,2194)	1:59:A:CYS:HA	1:60:A:LEU:HD22	2	0.1
(4,2194)	1:59:A:CYS:HA	1:60:A:LEU:HD23	2	0.1
(4,2123)	1:40:A:LEU:HD11	1:43:A:MET:H	7	0.1
(4,2123)	1:40:A:LEU:HD12	1:43:A:MET:H	7	0.1
(4,2123)	1:40:A:LEU:HD13	1:43:A:MET:H	7	0.1
(4,2123)	1:40:A:LEU:HD21	1:43:A:MET:H	7	0.1
(4,2123)	1:40:A:LEU:HD22	1:43:A:MET:H	7	0.1
(4,2123)	1:40:A:LEU:HD23	1:43:A:MET:H	7	0.1
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD11	11	0.1
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD12	11	0.1
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD13	11	0.1
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD21	11	0.1
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD22	11	0.1
(4,2088)	1:38:A:GLU:HA	1:139:A:LEU:HD23	11	0.1
(4,2030)	1:22:A:ASP:H	1:23:A:LEU:HD11	5	0.1
(4,2030)	1:22:A:ASP:H	1:23:A:LEU:HD12	5	0.1
(4,2030)	1:22:A:ASP:H	1:23:A:LEU:HD13	5	0.1
(4,2030)	1:22:A:ASP:H	1:23:A:LEU:HD21	5	0.1
(4,2030)	1:22:A:ASP:H	1:23:A:LEU:HD22	5	0.1
(4,2030)	1:22:A:ASP:H	1:23:A:LEU:HD23	5	0.1
(4,1980)	1:14:A:VAL:HG11	1:18:A:PHE:HE1	19	0.1
(4,1980)	1:14:A:VAL:HG11	1:18:A:PHE:HE2	19	0.1
(4,1980)	1:14:A:VAL:HG12	1:18:A:PHE:HE1	19	0.1
(4,1980)	1:14:A:VAL:HG12	1:18:A:PHE:HE2	19	0.1
(4,1980)	1:14:A:VAL:HG13	1:18:A:PHE:HE1	19	0.1
(4,1980)	1:14:A:VAL:HG13	1:18:A:PHE:HE2	19	0.1
(4,1980)	1:14:A:VAL:HG21	1:18:A:PHE:HE1	19	0.1
(4,1980)	1:14:A:VAL:HG21	1:18:A:PHE:HE2	19	0.1
(4,1980)	1:14:A:VAL:HG22	1:18:A:PHE:HE1	19	0.1
(4,1980)	1:14:A:VAL:HG22	1:18:A:PHE:HE2	19	0.1
(4,1980)	1:14:A:VAL:HG23	1:18:A:PHE:HE1	19	0.1
(4,1980)	1:14:A:VAL:HG23	1:18:A:PHE:HE2	19	0.1
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD11	15	0.1
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD12	15	0.1
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD13	15	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD21	15	0.1
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD22	15	0.1
(4,1943)	1:11:A:ILE:HG12	1:40:A:LEU:HD23	15	0.1
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD11	15	0.1
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD12	15	0.1
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD13	15	0.1
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD21	15	0.1
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD22	15	0.1
(4,1943)	1:11:A:ILE:HG13	1:40:A:LEU:HD23	15	0.1
(4,1939)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	13	0.1
(4,1939)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	13	0.1
(4,1939)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	13	0.1
(4,1939)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	13	0.1
(4,1939)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	13	0.1
(4,1939)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	13	0.1
(4,1939)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	13	0.1
(4,1939)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	13	0.1
(4,1939)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	13	0.1
(4,1939)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	13	0.1
(4,1939)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	13	0.1
(4,1939)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	13	0.1
(4,1939)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	13	0.1
(4,1939)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	13	0.1
(4,1939)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	13	0.1
(4,1939)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	13	0.1
(4,1939)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	13	0.1
(4,1939)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	13	0.1
(4,1866)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	11	0.1
(4,1866)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	11	0.1
(4,1866)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	11	0.1
(4,1860)	1:104:A:PHE:HE1	1:115:A:ALA:H	15	0.1
(4,1860)	1:104:A:PHE:HE2	1:115:A:ALA:H	15	0.1
(4,1860)	1:104:A:PHE:HE1	1:115:A:ALA:H	17	0.1
(4,1860)	1:104:A:PHE:HE2	1:115:A:ALA:H	17	0.1
(4,1833)	1:9:A:PHE:HZ	1:44:A:GLU:HG3	5	0.1
(4,1798)	1:113:A:PHE:HD1	1:114:A:ILE:HG12	17	0.1
(4,1798)	1:113:A:PHE:HD2	1:114:A:ILE:HG12	17	0.1
(4,1759)	1:54:A:ARG:HA	1:57:A:LEU:HB3	6	0.1
(4,1747)	1:97:A:ASP:HA	1:105:A:LYS:HA	5	0.1
(4,1719)	1:18:A:PHE:HB3	1:132:A:ALA:HA	2	0.1
(4,1719)	1:18:A:PHE:HB2	1:132:A:ALA:HA	2	0.1
(4,1647)	1:107:A:LEU:H	1:111:A:GLU:HB2	9	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1647)	1:107:A:LEU:H	1:111:A:GLU:HB3	9	0.1
(4,1591)	1:24:A:ASP:HA	1:27:A:ARG:HA	4	0.1
(4,1585)	1:72:A:PHE:H	1:73:A:ILE:HG21	6	0.1
(4,1585)	1:72:A:PHE:H	1:73:A:ILE:HG22	6	0.1
(4,1585)	1:72:A:PHE:H	1:73:A:ILE:HG23	6	0.1
(4,1565)	1:98:A:ILE:HD11	1:101:A:ILE:HG13	13	0.1
(4,1565)	1:98:A:ILE:HD12	1:101:A:ILE:HG13	13	0.1
(4,1565)	1:98:A:ILE:HD13	1:101:A:ILE:HG13	13	0.1
(4,1562)	1:101:A:ILE:HD11	1:112:A:GLN:HA	12	0.1
(4,1562)	1:101:A:ILE:HD12	1:112:A:GLN:HA	12	0.1
(4,1562)	1:101:A:ILE:HD13	1:112:A:GLN:HA	12	0.1
(4,1527)	1:63:A:ILE:HG21	1:69:A:MET:HE1	3	0.1
(4,1527)	1:63:A:ILE:HG21	1:69:A:MET:HE2	3	0.1
(4,1527)	1:63:A:ILE:HG21	1:69:A:MET:HE3	3	0.1
(4,1527)	1:63:A:ILE:HG22	1:69:A:MET:HE1	3	0.1
(4,1527)	1:63:A:ILE:HG22	1:69:A:MET:HE2	3	0.1
(4,1527)	1:63:A:ILE:HG22	1:69:A:MET:HE3	3	0.1
(4,1527)	1:63:A:ILE:HG23	1:69:A:MET:HE1	3	0.1
(4,1527)	1:63:A:ILE:HG23	1:69:A:MET:HE2	3	0.1
(4,1527)	1:63:A:ILE:HG23	1:69:A:MET:HE3	3	0.1
(4,1508)	1:69:A:MET:HE1	1:113:A:PHE:HB3	11	0.1
(4,1508)	1:69:A:MET:HE2	1:113:A:PHE:HB3	11	0.1
(4,1508)	1:69:A:MET:HE3	1:113:A:PHE:HB3	11	0.1
(4,1498)	1:65:A:CYS:H	1:69:A:MET:HE1	3	0.1
(4,1498)	1:65:A:CYS:H	1:69:A:MET:HE2	3	0.1
(4,1498)	1:65:A:CYS:H	1:69:A:MET:HE3	3	0.1
(4,1457)	1:101:A:ILE:HG21	1:115:A:ALA:H	16	0.1
(4,1457)	1:101:A:ILE:HG22	1:115:A:ALA:H	16	0.1
(4,1457)	1:101:A:ILE:HG23	1:115:A:ALA:H	16	0.1
(4,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB1	7	0.1
(4,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB2	7	0.1
(4,1391)	1:93:A:GLU:HB2	1:94:A:ALA:HB3	7	0.1
(4,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB1	7	0.1
(4,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB2	7	0.1
(4,1391)	1:93:A:GLU:HB3	1:94:A:ALA:HB3	7	0.1
(4,1389)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	2	0.1
(4,1389)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	2	0.1
(4,1389)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	2	0.1
(4,1329)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	10	0.1
(4,1329)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	10	0.1
(4,1329)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	10	0.1
(4,1329)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	10	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,1329)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	10	0.1
(4,1329)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	10	0.1
(4,1310)	1:53:A:THR:H	1:53:A:THR:HG21	3	0.1
(4,1310)	1:53:A:THR:H	1:53:A:THR:HG22	3	0.1
(4,1310)	1:53:A:THR:H	1:53:A:THR:HG23	3	0.1
(4,1242)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	12	0.1
(4,1242)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	12	0.1
(4,1242)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	12	0.1
(4,1242)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	12	0.1
(4,1242)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	12	0.1
(4,1242)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	12	0.1
(4,1197)	1:110:A:MET:HA	1:113:A:PHE:HB2	2	0.1
(4,981)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	18	0.1
(4,908)	1:9:A:PHE:HZ	1:44:A:GLU:HG2	14	0.1
(4,906)	1:44:A:GLU:HG2	1:45:A:ALA:HB1	19	0.1
(4,906)	1:44:A:GLU:HG2	1:45:A:ALA:HB2	19	0.1
(4,906)	1:44:A:GLU:HG2	1:45:A:ALA:HB3	19	0.1
(4,901)	1:20:A:THR:HB	1:21:A:THR:H	8	0.1
(4,832)	1:27:A:ARG:H	1:27:A:ARG:HD2	17	0.1
(4,832)	1:27:A:ARG:H	1:27:A:ARG:HD3	17	0.1
(4,788)	1:63:A:ILE:HD11	1:117:A:VAL:HB	1	0.1
(4,788)	1:63:A:ILE:HD12	1:117:A:VAL:HB	1	0.1
(4,788)	1:63:A:ILE:HD13	1:117:A:VAL:HB	1	0.1
(4,766)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	3	0.1
(4,766)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	3	0.1
(4,766)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	3	0.1
(4,766)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	3	0.1
(4,766)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	3	0.1
(4,766)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	3	0.1
(4,739)	1:147:A:ARG:HA	1:147:A:ARG:HE	3	0.1
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	7	0.1
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	7	0.1
(4,735)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	7	0.1
(4,729)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	15	0.1
(4,700)	1:23:A:LEU:HD11	1:27:A:ARG:HE	7	0.1
(4,700)	1:23:A:LEU:HD12	1:27:A:ARG:HE	7	0.1
(4,700)	1:23:A:LEU:HD13	1:27:A:ARG:HE	7	0.1
(4,342)	1:102:A:PRO:HA	1:104:A:PHE:H	2	0.1
(4,329)	1:120:A:CYS:HA	1:123:A:CYS:H	17	0.1
(4,310)	1:136:A:CYS:HA	1:140:A:LEU:H	17	0.1
(4,54)	1:45:A:ALA:HB1	1:47:A:ALA:H	16	0.1
(4,54)	1:45:A:ALA:HB2	1:47:A:ALA:H	16	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(4,54)	1:45:A:ALA:HB3	1:47:A:ALA:H	16	0.1
(3,2500)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	10	0.1
(3,2500)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	10	0.1
(3,2500)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	10	0.1
(3,2500)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	10	0.1
(3,2500)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	10	0.1
(3,2500)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	10	0.1
(3,2428)	1:125:A:THR:HB	1:129:A:LYS:HG2	9	0.1
(3,2428)	1:125:A:THR:HB	1:129:A:LYS:HG3	9	0.1
(3,2314)	1:96:A:VAL:HG11	1:97:A:ASP:H	12	0.1
(3,2314)	1:96:A:VAL:HG12	1:97:A:ASP:H	12	0.1
(3,2314)	1:96:A:VAL:HG13	1:97:A:ASP:H	12	0.1
(3,2314)	1:96:A:VAL:HG21	1:97:A:ASP:H	12	0.1
(3,2314)	1:96:A:VAL:HG22	1:97:A:ASP:H	12	0.1
(3,2314)	1:96:A:VAL:HG23	1:97:A:ASP:H	12	0.1
(3,2261)	1:69:A:MET:H	1:70:A:LYS:HG2	6	0.1
(3,2261)	1:69:A:MET:H	1:70:A:LYS:HG3	6	0.1
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD11	8	0.1
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD12	8	0.1
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD13	8	0.1
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD21	8	0.1
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD22	8	0.1
(3,2121)	1:38:A:GLU:HA	1:139:A:LEU:HD23	8	0.1
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG11	12	0.1
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG12	12	0.1
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG13	12	0.1
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG21	12	0.1
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG22	12	0.1
(3,2111)	1:36:A:PRO:HA	1:39:A:VAL:HG23	12	0.1
(3,2104)	1:35:A:LEU:HD11	1:80:A:TYR:HE1	17	0.1
(3,2104)	1:35:A:LEU:HD11	1:80:A:TYR:HE2	17	0.1
(3,2104)	1:35:A:LEU:HD12	1:80:A:TYR:HE1	17	0.1
(3,2104)	1:35:A:LEU:HD12	1:80:A:TYR:HE2	17	0.1
(3,2104)	1:35:A:LEU:HD13	1:80:A:TYR:HE1	17	0.1
(3,2104)	1:35:A:LEU:HD13	1:80:A:TYR:HE2	17	0.1
(3,2104)	1:35:A:LEU:HD21	1:80:A:TYR:HE1	17	0.1
(3,2104)	1:35:A:LEU:HD21	1:80:A:TYR:HE2	17	0.1
(3,2104)	1:35:A:LEU:HD22	1:80:A:TYR:HE1	17	0.1
(3,2104)	1:35:A:LEU:HD22	1:80:A:TYR:HE2	17	0.1
(3,2104)	1:35:A:LEU:HD23	1:80:A:TYR:HE1	17	0.1
(3,2104)	1:35:A:LEU:HD23	1:80:A:TYR:HE2	17	0.1
(3,2076)	1:29:A:LYS:HB2	1:30:A:LEU:HD11	2	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,2076)	1:29:A:LYS:HB2	1:30:A:LEU:HD12	2	0.1
(3,2076)	1:29:A:LYS:HB2	1:30:A:LEU:HD13	2	0.1
(3,2076)	1:29:A:LYS:HB2	1:30:A:LEU:HD21	2	0.1
(3,2076)	1:29:A:LYS:HB2	1:30:A:LEU:HD22	2	0.1
(3,2076)	1:29:A:LYS:HB2	1:30:A:LEU:HD23	2	0.1
(3,2076)	1:29:A:LYS:HB3	1:30:A:LEU:HD11	2	0.1
(3,2076)	1:29:A:LYS:HB3	1:30:A:LEU:HD12	2	0.1
(3,2076)	1:29:A:LYS:HB3	1:30:A:LEU:HD13	2	0.1
(3,2076)	1:29:A:LYS:HB3	1:30:A:LEU:HD21	2	0.1
(3,2076)	1:29:A:LYS:HB3	1:30:A:LEU:HD22	2	0.1
(3,2076)	1:29:A:LYS:HB3	1:30:A:LEU:HD23	2	0.1
(3,2075)	1:29:A:LYS:HA	1:30:A:LEU:HD11	19	0.1
(3,2075)	1:29:A:LYS:HA	1:30:A:LEU:HD12	19	0.1
(3,2075)	1:29:A:LYS:HA	1:30:A:LEU:HD13	19	0.1
(3,2075)	1:29:A:LYS:HA	1:30:A:LEU:HD21	19	0.1
(3,2075)	1:29:A:LYS:HA	1:30:A:LEU:HD22	19	0.1
(3,2075)	1:29:A:LYS:HA	1:30:A:LEU:HD23	19	0.1
(3,2055)	1:18:A:PHE:HE1	1:128:A:LEU:HD11	6	0.1
(3,2055)	1:18:A:PHE:HE1	1:128:A:LEU:HD12	6	0.1
(3,2055)	1:18:A:PHE:HE1	1:128:A:LEU:HD13	6	0.1
(3,2055)	1:18:A:PHE:HE1	1:128:A:LEU:HD21	6	0.1
(3,2055)	1:18:A:PHE:HE1	1:128:A:LEU:HD22	6	0.1
(3,2055)	1:18:A:PHE:HE1	1:128:A:LEU:HD23	6	0.1
(3,2055)	1:18:A:PHE:HE2	1:128:A:LEU:HD11	6	0.1
(3,2055)	1:18:A:PHE:HE2	1:128:A:LEU:HD12	6	0.1
(3,2055)	1:18:A:PHE:HE2	1:128:A:LEU:HD13	6	0.1
(3,2055)	1:18:A:PHE:HE2	1:128:A:LEU:HD21	6	0.1
(3,2055)	1:18:A:PHE:HE2	1:128:A:LEU:HD22	6	0.1
(3,2055)	1:18:A:PHE:HE2	1:128:A:LEU:HD23	6	0.1
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD21	4	0.1
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD22	4	0.1
(3,1970)	1:10:A:ASN:HD21	1:40:A:LEU:HD23	4	0.1
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD21	4	0.1
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD22	4	0.1
(3,1970)	1:10:A:ASN:HD22	1:40:A:LEU:HD23	4	0.1
(3,1919)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	17	0.1
(3,1919)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	17	0.1
(3,1919)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	17	0.1
(3,1904)	1:14:A:VAL:HA	1:18:A:PHE:HD1	8	0.1
(3,1904)	1:14:A:VAL:HA	1:18:A:PHE:HD2	8	0.1
(3,1853)	1:9:A:PHE:HZ	1:54:A:ARG:HA	10	0.1
(3,1645)	1:24:A:ASP:HA	1:27:A:ARG:HA	4	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,1637)	1:119:A:LEU:HB3	1:121:A:VAL:HG21	9	0.1
(3,1637)	1:119:A:LEU:HB3	1:121:A:VAL:HG22	9	0.1
(3,1637)	1:119:A:LEU:HB3	1:121:A:VAL:HG23	9	0.1
(3,1541)	1:65:A:CYS:H	1:69:A:MET:HE1	3	0.1
(3,1541)	1:65:A:CYS:H	1:69:A:MET:HE2	3	0.1
(3,1541)	1:65:A:CYS:H	1:69:A:MET:HE3	3	0.1
(3,1512)	1:44:A:GLU:HB2	1:47:A:ALA:HB1	9	0.1
(3,1512)	1:44:A:GLU:HB2	1:47:A:ALA:HB2	9	0.1
(3,1512)	1:44:A:GLU:HB2	1:47:A:ALA:HB3	9	0.1
(3,1512)	1:44:A:GLU:HB3	1:47:A:ALA:HB1	9	0.1
(3,1512)	1:44:A:GLU:HB3	1:47:A:ALA:HB2	9	0.1
(3,1512)	1:44:A:GLU:HB3	1:47:A:ALA:HB3	9	0.1
(3,1502)	1:101:A:ILE:HG21	1:115:A:ALA:H	16	0.1
(3,1502)	1:101:A:ILE:HG22	1:115:A:ALA:H	16	0.1
(3,1502)	1:101:A:ILE:HG23	1:115:A:ALA:H	16	0.1
(3,1389)	1:119:A:LEU:HB2	1:121:A:VAL:HG11	6	0.1
(3,1389)	1:119:A:LEU:HB2	1:121:A:VAL:HG12	6	0.1
(3,1389)	1:119:A:LEU:HB2	1:121:A:VAL:HG13	6	0.1
(3,1096)	1:103:A:ARG:HB2	1:104:A:PHE:HA	13	0.1
(3,1096)	1:103:A:ARG:HB3	1:104:A:PHE:HA	13	0.1
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD11	11	0.1
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD12	11	0.1
(3,1078)	1:95:A:ILE:HA	1:95:A:ILE:HD13	11	0.1
(3,1047)	1:41:A:LYS:HA	1:44:A:GLU:HB2	19	0.1
(3,1047)	1:41:A:LYS:HA	1:44:A:GLU:HB3	19	0.1
(3,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB2	16	0.1
(3,1034)	1:112:A:GLN:HB2	1:116:A:GLN:HB3	16	0.1
(3,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB2	16	0.1
(3,1034)	1:112:A:GLN:HB3	1:116:A:GLN:HB3	16	0.1
(3,1033)	1:24:A:ASP:HB2	1:27:A:ARG:HB2	5	0.1
(3,1033)	1:24:A:ASP:HB3	1:27:A:ARG:HB2	5	0.1
(3,1009)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	18	0.1
(3,982)	1:69:A:MET:H	1:109:A:PRO:HB2	11	0.1
(3,982)	1:69:A:MET:H	1:109:A:PRO:HB3	11	0.1
(3,980)	1:141:A:LYS:HB2	1:145:A:PRO:HB3	1	0.1
(3,980)	1:141:A:LYS:HB3	1:145:A:PRO:HB3	1	0.1
(3,947)	1:34:A:LYS:HB2	1:81:A:GLU:HG2	16	0.1
(3,947)	1:34:A:LYS:HB2	1:81:A:GLU:HG3	16	0.1
(3,947)	1:34:A:LYS:HB3	1:81:A:GLU:HG2	16	0.1
(3,947)	1:34:A:LYS:HB3	1:81:A:GLU:HG3	16	0.1
(3,850)	1:27:A:ARG:H	1:27:A:ARG:HD2	17	0.1
(3,850)	1:27:A:ARG:H	1:27:A:ARG:HD3	17	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(3,827)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	13	0.1
(3,827)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	13	0.1
(3,827)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	13	0.1
(3,827)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	13	0.1
(3,827)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	13	0.1
(3,827)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	13	0.1
(3,789)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	3	0.1
(3,789)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	3	0.1
(3,789)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	3	0.1
(3,789)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	3	0.1
(3,789)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	3	0.1
(3,789)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	3	0.1
(3,755)	1:67:A:PRO:HD2	1:112:A:GLN:HE22	15	0.1
(3,633)	1:57:A:LEU:H	1:58:A:ILE:HD11	14	0.1
(3,633)	1:57:A:LEU:H	1:58:A:ILE:HD12	14	0.1
(3,633)	1:57:A:LEU:H	1:58:A:ILE:HD13	14	0.1
(3,619)	1:55:A:GLY:H	1:58:A:ILE:HB	15	0.1
(3,350)	1:73:A:ILE:HD11	1:111:A:GLU:H	18	0.1
(3,350)	1:73:A:ILE:HD12	1:111:A:GLU:H	18	0.1
(3,350)	1:73:A:ILE:HD13	1:111:A:GLU:H	18	0.1
(3,342)	1:120:A:CYS:HA	1:123:A:CYS:H	17	0.1
(3,267)	1:144:A:LEU:H	1:144:A:LEU:HD21	16	0.1
(3,267)	1:144:A:LEU:H	1:144:A:LEU:HD22	16	0.1
(3,267)	1:144:A:LEU:H	1:144:A:LEU:HD23	16	0.1
(3,227)	1:10:A:ASN:H	1:10:A:ASN:HB3	3	0.1
(3,152)	1:67:A:PRO:HD3	1:95:A:ILE:H	19	0.1
(2,2464)	1:140:A:LEU:HD11	1:144:A:LEU:HB2	10	0.1
(2,2464)	1:140:A:LEU:HD12	1:144:A:LEU:HB2	10	0.1
(2,2464)	1:140:A:LEU:HD13	1:144:A:LEU:HB2	10	0.1
(2,2464)	1:140:A:LEU:HD21	1:144:A:LEU:HB2	10	0.1
(2,2464)	1:140:A:LEU:HD22	1:144:A:LEU:HB2	10	0.1
(2,2464)	1:140:A:LEU:HD23	1:144:A:LEU:HB2	10	0.1
(2,2463)	1:140:A:LEU:HD11	1:144:A:LEU:H	2	0.1
(2,2463)	1:140:A:LEU:HD12	1:144:A:LEU:H	2	0.1
(2,2463)	1:140:A:LEU:HD13	1:144:A:LEU:H	2	0.1
(2,2463)	1:140:A:LEU:HD21	1:144:A:LEU:H	2	0.1
(2,2463)	1:140:A:LEU:HD22	1:144:A:LEU:H	2	0.1
(2,2463)	1:140:A:LEU:HD23	1:144:A:LEU:H	2	0.1
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG11	5	0.1
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG12	5	0.1
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG13	5	0.1
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG21	5	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG22	5	0.1
(2,2419)	1:131:A:LEU:HD11	1:134:A:VAL:HG23	5	0.1
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG11	5	0.1
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG12	5	0.1
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG13	5	0.1
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG21	5	0.1
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG22	5	0.1
(2,2419)	1:131:A:LEU:HD12	1:134:A:VAL:HG23	5	0.1
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG11	5	0.1
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG12	5	0.1
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG13	5	0.1
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG21	5	0.1
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG22	5	0.1
(2,2419)	1:131:A:LEU:HD13	1:134:A:VAL:HG23	5	0.1
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG11	5	0.1
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG12	5	0.1
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG13	5	0.1
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG21	5	0.1
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG22	5	0.1
(2,2419)	1:131:A:LEU:HD21	1:134:A:VAL:HG23	5	0.1
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG11	5	0.1
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG12	5	0.1
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG13	5	0.1
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG21	5	0.1
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG22	5	0.1
(2,2419)	1:131:A:LEU:HD22	1:134:A:VAL:HG23	5	0.1
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG11	5	0.1
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG12	5	0.1
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG13	5	0.1
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG21	5	0.1
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG22	5	0.1
(2,2419)	1:131:A:LEU:HD23	1:134:A:VAL:HG23	5	0.1
(2,2412)	1:131:A:LEU:H	1:134:A:VAL:HG11	15	0.1
(2,2412)	1:131:A:LEU:H	1:134:A:VAL:HG12	15	0.1
(2,2412)	1:131:A:LEU:H	1:134:A:VAL:HG13	15	0.1
(2,2412)	1:131:A:LEU:H	1:134:A:VAL:HG21	15	0.1
(2,2412)	1:131:A:LEU:H	1:134:A:VAL:HG22	15	0.1
(2,2412)	1:131:A:LEU:H	1:134:A:VAL:HG23	15	0.1
(2,2354)	1:107:A:LEU:HD11	1:112:A:GLN:HA	1	0.1
(2,2354)	1:107:A:LEU:HD12	1:112:A:GLN:HA	1	0.1
(2,2354)	1:107:A:LEU:HD13	1:112:A:GLN:HA	1	0.1
(2,2354)	1:107:A:LEU:HD21	1:112:A:GLN:HA	1	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2354)	1:107:A:LEU:HD22	1:112:A:GLN:HA	1	0.1
(2,2354)	1:107:A:LEU:HD23	1:112:A:GLN:HA	1	0.1
(2,2343)	1:106:A:ASP:H	1:107:A:LEU:HD11	6	0.1
(2,2343)	1:106:A:ASP:H	1:107:A:LEU:HD12	6	0.1
(2,2343)	1:106:A:ASP:H	1:107:A:LEU:HD13	6	0.1
(2,2343)	1:106:A:ASP:H	1:107:A:LEU:HD21	6	0.1
(2,2343)	1:106:A:ASP:H	1:107:A:LEU:HD22	6	0.1
(2,2343)	1:106:A:ASP:H	1:107:A:LEU:HD23	6	0.1
(2,2322)	1:100:A:ALA:HA	1:119:A:LEU:HD11	16	0.1
(2,2322)	1:100:A:ALA:HA	1:119:A:LEU:HD12	16	0.1
(2,2322)	1:100:A:ALA:HA	1:119:A:LEU:HD13	16	0.1
(2,2322)	1:100:A:ALA:HA	1:119:A:LEU:HD21	16	0.1
(2,2322)	1:100:A:ALA:HA	1:119:A:LEU:HD22	16	0.1
(2,2322)	1:100:A:ALA:HA	1:119:A:LEU:HD23	16	0.1
(2,2288)	1:75:A:GLY:H	1:76:A:ARG:HB2	3	0.1
(2,2288)	1:75:A:GLY:H	1:76:A:ARG:HB3	3	0.1
(2,2260)	1:67:A:PRO:HD2	1:70:A:LYS:HG2	13	0.1
(2,2260)	1:67:A:PRO:HD2	1:70:A:LYS:HG3	13	0.1
(2,2258)	1:66:A:THR:HG21	1:96:A:VAL:HG11	6	0.1
(2,2258)	1:66:A:THR:HG21	1:96:A:VAL:HG12	6	0.1
(2,2258)	1:66:A:THR:HG21	1:96:A:VAL:HG13	6	0.1
(2,2258)	1:66:A:THR:HG21	1:96:A:VAL:HG21	6	0.1
(2,2258)	1:66:A:THR:HG21	1:96:A:VAL:HG22	6	0.1
(2,2258)	1:66:A:THR:HG21	1:96:A:VAL:HG23	6	0.1
(2,2258)	1:66:A:THR:HG22	1:96:A:VAL:HG11	6	0.1
(2,2258)	1:66:A:THR:HG22	1:96:A:VAL:HG12	6	0.1
(2,2258)	1:66:A:THR:HG22	1:96:A:VAL:HG13	6	0.1
(2,2258)	1:66:A:THR:HG22	1:96:A:VAL:HG21	6	0.1
(2,2258)	1:66:A:THR:HG22	1:96:A:VAL:HG22	6	0.1
(2,2258)	1:66:A:THR:HG22	1:96:A:VAL:HG23	6	0.1
(2,2258)	1:66:A:THR:HG23	1:96:A:VAL:HG11	6	0.1
(2,2258)	1:66:A:THR:HG23	1:96:A:VAL:HG12	6	0.1
(2,2258)	1:66:A:THR:HG23	1:96:A:VAL:HG13	6	0.1
(2,2258)	1:66:A:THR:HG23	1:96:A:VAL:HG21	6	0.1
(2,2258)	1:66:A:THR:HG23	1:96:A:VAL:HG22	6	0.1
(2,2258)	1:66:A:THR:HG23	1:96:A:VAL:HG23	6	0.1
(2,2200)	1:50:A:ALA:HB1	1:133:A:ASN:HB2	9	0.1
(2,2200)	1:50:A:ALA:HB1	1:133:A:ASN:HB3	9	0.1
(2,2200)	1:50:A:ALA:HB2	1:133:A:ASN:HB2	9	0.1
(2,2200)	1:50:A:ALA:HB2	1:133:A:ASN:HB3	9	0.1
(2,2200)	1:50:A:ALA:HB3	1:133:A:ASN:HB2	9	0.1
(2,2200)	1:50:A:ALA:HB3	1:133:A:ASN:HB3	9	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG11	12	0.1
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG12	12	0.1
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG13	12	0.1
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG21	12	0.1
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG22	12	0.1
(2,2099)	1:36:A:PRO:HA	1:39:A:VAL:HG23	12	0.1
(2,2051)	1:22:A:ASP:H	1:23:A:LEU:HD11	5	0.1
(2,2051)	1:22:A:ASP:H	1:23:A:LEU:HD12	5	0.1
(2,2051)	1:22:A:ASP:H	1:23:A:LEU:HD13	5	0.1
(2,2051)	1:22:A:ASP:H	1:23:A:LEU:HD21	5	0.1
(2,2051)	1:22:A:ASP:H	1:23:A:LEU:HD22	5	0.1
(2,2051)	1:22:A:ASP:H	1:23:A:LEU:HD23	5	0.1
(2,2004)	1:14:A:VAL:HB	1:57:A:LEU:HD11	6	0.1
(2,2004)	1:14:A:VAL:HB	1:57:A:LEU:HD12	6	0.1
(2,2004)	1:14:A:VAL:HB	1:57:A:LEU:HD13	6	0.1
(2,2004)	1:14:A:VAL:HB	1:57:A:LEU:HD21	6	0.1
(2,2004)	1:14:A:VAL:HB	1:57:A:LEU:HD22	6	0.1
(2,2004)	1:14:A:VAL:HB	1:57:A:LEU:HD23	6	0.1
(2,1917)	1:104:A:PHE:HZ	1:115:A:ALA:HB1	10	0.1
(2,1917)	1:104:A:PHE:HZ	1:115:A:ALA:HB2	10	0.1
(2,1917)	1:104:A:PHE:HZ	1:115:A:ALA:HB3	10	0.1
(2,1871)	1:79:A:THR:HB	1:80:A:TYR:HE1	1	0.1
(2,1871)	1:79:A:THR:HB	1:80:A:TYR:HE2	1	0.1
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE1	4	0.1
(2,1833)	1:64:A:LYS:HB2	1:104:A:PHE:HE2	4	0.1
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE1	4	0.1
(2,1833)	1:64:A:LYS:HB3	1:104:A:PHE:HE2	4	0.1
(2,1814)	1:13:A:ALA:HA	1:80:A:TYR:HD1	11	0.1
(2,1814)	1:13:A:ALA:HA	1:80:A:TYR:HD2	11	0.1
(2,1786)	1:97:A:ASP:HA	1:105:A:LYS:HA	5	0.1
(2,1665)	1:38:A:GLU:HG2	1:39:A:VAL:HG11	5	0.1
(2,1665)	1:38:A:GLU:HG2	1:39:A:VAL:HG12	5	0.1
(2,1665)	1:38:A:GLU:HG2	1:39:A:VAL:HG13	5	0.1
(2,1665)	1:38:A:GLU:HG3	1:39:A:VAL:HG11	5	0.1
(2,1665)	1:38:A:GLU:HG3	1:39:A:VAL:HG12	5	0.1
(2,1665)	1:38:A:GLU:HG3	1:39:A:VAL:HG13	5	0.1
(2,1652)	1:114:A:ILE:HG21	1:117:A:VAL:HG21	9	0.1
(2,1652)	1:114:A:ILE:HG21	1:117:A:VAL:HG22	9	0.1
(2,1652)	1:114:A:ILE:HG21	1:117:A:VAL:HG23	9	0.1
(2,1652)	1:114:A:ILE:HG22	1:117:A:VAL:HG21	9	0.1
(2,1652)	1:114:A:ILE:HG22	1:117:A:VAL:HG22	9	0.1
(2,1652)	1:114:A:ILE:HG22	1:117:A:VAL:HG23	9	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1652)	1:114:A:ILE:HG23	1:117:A:VAL:HG21	9	0.1
(2,1652)	1:114:A:ILE:HG23	1:117:A:VAL:HG22	9	0.1
(2,1652)	1:114:A:ILE:HG23	1:117:A:VAL:HG23	9	0.1
(2,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD11	8	0.1
(2,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD12	8	0.1
(2,1632)	1:27:A:ARG:HB2	1:30:A:LEU:HD13	8	0.1
(2,1620)	1:72:A:PHE:H	1:73:A:ILE:HG21	6	0.1
(2,1620)	1:72:A:PHE:H	1:73:A:ILE:HG22	6	0.1
(2,1620)	1:72:A:PHE:H	1:73:A:ILE:HG23	6	0.1
(2,1528)	1:69:A:MET:HE1	1:113:A:PHE:HB3	11	0.1
(2,1528)	1:69:A:MET:HE2	1:113:A:PHE:HB3	11	0.1
(2,1528)	1:69:A:MET:HE3	1:113:A:PHE:HB3	11	0.1
(2,1518)	1:65:A:CYS:H	1:69:A:MET:HE1	3	0.1
(2,1518)	1:65:A:CYS:H	1:69:A:MET:HE2	3	0.1
(2,1518)	1:65:A:CYS:H	1:69:A:MET:HE3	3	0.1
(2,1482)	1:101:A:ILE:HG21	1:115:A:ALA:H	16	0.1
(2,1482)	1:101:A:ILE:HG22	1:115:A:ALA:H	16	0.1
(2,1482)	1:101:A:ILE:HG23	1:115:A:ALA:H	16	0.1
(2,1475)	1:45:A:ALA:HB1	1:47:A:ALA:H	9	0.1
(2,1475)	1:45:A:ALA:HB2	1:47:A:ALA:H	9	0.1
(2,1475)	1:45:A:ALA:HB3	1:47:A:ALA:H	9	0.1
(2,1434)	1:121:A:VAL:HG21	1:122:A:ASP:H	11	0.1
(2,1434)	1:121:A:VAL:HG22	1:122:A:ASP:H	11	0.1
(2,1434)	1:121:A:VAL:HG23	1:122:A:ASP:H	11	0.1
(2,1428)	1:73:A:ILE:HG21	1:110:A:MET:HE1	8	0.1
(2,1428)	1:73:A:ILE:HG21	1:110:A:MET:HE2	8	0.1
(2,1428)	1:73:A:ILE:HG21	1:110:A:MET:HE3	8	0.1
(2,1428)	1:73:A:ILE:HG22	1:110:A:MET:HE1	8	0.1
(2,1428)	1:73:A:ILE:HG22	1:110:A:MET:HE2	8	0.1
(2,1428)	1:73:A:ILE:HG22	1:110:A:MET:HE3	8	0.1
(2,1428)	1:73:A:ILE:HG23	1:110:A:MET:HE1	8	0.1
(2,1428)	1:73:A:ILE:HG23	1:110:A:MET:HE2	8	0.1
(2,1428)	1:73:A:ILE:HG23	1:110:A:MET:HE3	8	0.1
(2,1245)	1:37:A:LEU:HD11	1:38:A:GLU:HA	3	0.1
(2,1245)	1:37:A:LEU:HD12	1:38:A:GLU:HA	3	0.1
(2,1245)	1:37:A:LEU:HD13	1:38:A:GLU:HA	3	0.1
(2,1245)	1:37:A:LEU:HD11	1:38:A:GLU:HA	5	0.1
(2,1245)	1:37:A:LEU:HD12	1:38:A:GLU:HA	5	0.1
(2,1245)	1:37:A:LEU:HD13	1:38:A:GLU:HA	5	0.1
(2,1231)	1:139:A:LEU:H	1:139:A:LEU:HD21	13	0.1
(2,1231)	1:139:A:LEU:H	1:139:A:LEU:HD22	13	0.1
(2,1231)	1:139:A:LEU:H	1:139:A:LEU:HD23	13	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1167)	1:39:A:VAL:HA	1:140:A:LEU:HD21	10	0.1
(2,1167)	1:39:A:VAL:HA	1:140:A:LEU:HD22	10	0.1
(2,1167)	1:39:A:VAL:HA	1:140:A:LEU:HD23	10	0.1
(2,1152)	1:150:A:THR:HG21	1:151:A:PHE:HA	6	0.1
(2,1152)	1:150:A:THR:HG22	1:151:A:PHE:HA	6	0.1
(2,1152)	1:150:A:THR:HG23	1:151:A:PHE:HA	6	0.1
(2,1065)	1:54:A:ARG:HA	1:57:A:LEU:HB3	6	0.1
(2,1062)	1:54:A:ARG:HA	1:58:A:ILE:HG13	1	0.1
(2,986)	1:143:A:TRP:HB2	1:144:A:LEU:HB3	18	0.1
(2,833)	1:27:A:ARG:H	1:27:A:ARG:HD2	17	0.1
(2,833)	1:27:A:ARG:H	1:27:A:ARG:HD3	17	0.1
(2,809)	1:98:A:ILE:HD11	1:104:A:PHE:HE1	13	0.1
(2,809)	1:98:A:ILE:HD11	1:104:A:PHE:HE2	13	0.1
(2,809)	1:98:A:ILE:HD12	1:104:A:PHE:HE1	13	0.1
(2,809)	1:98:A:ILE:HD12	1:104:A:PHE:HE2	13	0.1
(2,809)	1:98:A:ILE:HD13	1:104:A:PHE:HE1	13	0.1
(2,809)	1:98:A:ILE:HD13	1:104:A:PHE:HE2	13	0.1
(2,770)	1:101:A:ILE:HD11	1:104:A:PHE:HD1	3	0.1
(2,770)	1:101:A:ILE:HD11	1:104:A:PHE:HD2	3	0.1
(2,770)	1:101:A:ILE:HD12	1:104:A:PHE:HD1	3	0.1
(2,770)	1:101:A:ILE:HD12	1:104:A:PHE:HD2	3	0.1
(2,770)	1:101:A:ILE:HD13	1:104:A:PHE:HD1	3	0.1
(2,770)	1:101:A:ILE:HD13	1:104:A:PHE:HD2	3	0.1
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB1	7	0.1
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB2	7	0.1
(2,742)	1:112:A:GLN:HE21	1:115:A:ALA:HB3	7	0.1
(2,640)	1:66:A:THR:H	1:70:A:LYS:H	13	0.1
(2,613)	1:55:A:GLY:H	1:58:A:ILE:HB	15	0.1
(2,540)	1:60:A:LEU:HD11	1:61:A:SER:H	19	0.1
(2,540)	1:60:A:LEU:HD12	1:61:A:SER:H	19	0.1
(2,540)	1:60:A:LEU:HD13	1:61:A:SER:H	19	0.1
(2,337)	1:120:A:CYS:HA	1:123:A:CYS:H	17	0.1
(2,265)	1:144:A:LEU:H	1:144:A:LEU:HD21	16	0.1
(2,265)	1:144:A:LEU:H	1:144:A:LEU:HD22	16	0.1
(2,265)	1:144:A:LEU:H	1:144:A:LEU:HD23	16	0.1
(2,169)	1:116:A:GLN:HA	1:120:A:CYS:H	19	0.1
(2,63)	1:81:A:GLU:H	1:81:A:GLU:HG2	4	0.1
(2,63)	1:81:A:GLU:H	1:81:A:GLU:HG3	4	0.1
(1,2463)	1:150:A:THR:H	1:151:A:PHE:HB2	11	0.1
(1,2463)	1:150:A:THR:H	1:151:A:PHE:HB3	11	0.1
(1,2385)	1:129:A:LYS:HA	1:129:A:LYS:HG2	13	0.1
(1,2385)	1:129:A:LYS:HA	1:129:A:LYS:HG3	13	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2385)	1:129:A:LYS:HA	1:129:A:LYS:HG2	15	0.1
(1,2385)	1:129:A:LYS:HA	1:129:A:LYS:HG3	15	0.1
(1,2331)	1:114:A:ILE:H	1:114:A:ILE:HG12	17	0.1
(1,2331)	1:114:A:ILE:H	1:114:A:ILE:HG13	17	0.1
(1,2304)	1:107:A:LEU:HD11	1:108:A:GLU:H	14	0.1
(1,2304)	1:107:A:LEU:HD12	1:108:A:GLU:H	14	0.1
(1,2304)	1:107:A:LEU:HD13	1:108:A:GLU:H	14	0.1
(1,2304)	1:107:A:LEU:HD21	1:108:A:GLU:H	14	0.1
(1,2304)	1:107:A:LEU:HD22	1:108:A:GLU:H	14	0.1
(1,2304)	1:107:A:LEU:HD23	1:108:A:GLU:H	14	0.1
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG11	17	0.1
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG12	17	0.1
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG13	17	0.1
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG21	17	0.1
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG22	17	0.1
(1,2198)	1:63:A:ILE:HG12	1:117:A:VAL:HG23	17	0.1
(1,2144)	1:47:A:ALA:H	1:57:A:LEU:HD11	2	0.1
(1,2144)	1:47:A:ALA:H	1:57:A:LEU:HD12	2	0.1
(1,2144)	1:47:A:ALA:H	1:57:A:LEU:HD13	2	0.1
(1,2144)	1:47:A:ALA:H	1:57:A:LEU:HD21	2	0.1
(1,2144)	1:47:A:ALA:H	1:57:A:LEU:HD22	2	0.1
(1,2144)	1:47:A:ALA:H	1:57:A:LEU:HD23	2	0.1
(1,2122)	1:40:A:LEU:HD11	1:43:A:MET:H	7	0.1
(1,2122)	1:40:A:LEU:HD12	1:43:A:MET:H	7	0.1
(1,2122)	1:40:A:LEU:HD13	1:43:A:MET:H	7	0.1
(1,2122)	1:40:A:LEU:HD21	1:43:A:MET:H	7	0.1
(1,2122)	1:40:A:LEU:HD22	1:43:A:MET:H	7	0.1
(1,2122)	1:40:A:LEU:HD23	1:43:A:MET:H	7	0.1
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD11	9	0.1
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD12	9	0.1
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD13	9	0.1
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD21	9	0.1
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD22	9	0.1
(1,2098)	1:39:A:VAL:HB	1:139:A:LEU:HD23	9	0.1
(1,2097)	1:39:A:VAL:HA	1:140:A:LEU:HD11	9	0.1
(1,2097)	1:39:A:VAL:HA	1:140:A:LEU:HD12	9	0.1
(1,2097)	1:39:A:VAL:HA	1:140:A:LEU:HD13	9	0.1
(1,2097)	1:39:A:VAL:HA	1:140:A:LEU:HD21	9	0.1
(1,2097)	1:39:A:VAL:HA	1:140:A:LEU:HD22	9	0.1
(1,2097)	1:39:A:VAL:HA	1:140:A:LEU:HD23	9	0.1
(1,2044)	1:28:A:GLY:HA2	1:30:A:LEU:HD11	13	0.1
(1,2044)	1:28:A:GLY:HA2	1:30:A:LEU:HD12	13	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2044)	1:28:A:GLY:HA2	1:30:A:LEU:HD13	13	0.1
(1,2044)	1:28:A:GLY:HA2	1:30:A:LEU:HD21	13	0.1
(1,2044)	1:28:A:GLY:HA2	1:30:A:LEU:HD22	13	0.1
(1,2044)	1:28:A:GLY:HA2	1:30:A:LEU:HD23	13	0.1
(1,2044)	1:28:A:GLY:HA3	1:30:A:LEU:HD11	13	0.1
(1,2044)	1:28:A:GLY:HA3	1:30:A:LEU:HD12	13	0.1
(1,2044)	1:28:A:GLY:HA3	1:30:A:LEU:HD13	13	0.1
(1,2044)	1:28:A:GLY:HA3	1:30:A:LEU:HD21	13	0.1
(1,2044)	1:28:A:GLY:HA3	1:30:A:LEU:HD22	13	0.1
(1,2044)	1:28:A:GLY:HA3	1:30:A:LEU:HD23	13	0.1
(1,1950)	1:11:A:ILE:HG21	1:40:A:LEU:HD11	13	0.1
(1,1950)	1:11:A:ILE:HG21	1:40:A:LEU:HD12	13	0.1
(1,1950)	1:11:A:ILE:HG21	1:40:A:LEU:HD13	13	0.1
(1,1950)	1:11:A:ILE:HG21	1:40:A:LEU:HD21	13	0.1
(1,1950)	1:11:A:ILE:HG21	1:40:A:LEU:HD22	13	0.1
(1,1950)	1:11:A:ILE:HG21	1:40:A:LEU:HD23	13	0.1
(1,1950)	1:11:A:ILE:HG22	1:40:A:LEU:HD11	13	0.1
(1,1950)	1:11:A:ILE:HG22	1:40:A:LEU:HD12	13	0.1
(1,1950)	1:11:A:ILE:HG22	1:40:A:LEU:HD13	13	0.1
(1,1950)	1:11:A:ILE:HG22	1:40:A:LEU:HD21	13	0.1
(1,1950)	1:11:A:ILE:HG22	1:40:A:LEU:HD22	13	0.1
(1,1950)	1:11:A:ILE:HG22	1:40:A:LEU:HD23	13	0.1
(1,1950)	1:11:A:ILE:HG23	1:40:A:LEU:HD11	13	0.1
(1,1950)	1:11:A:ILE:HG23	1:40:A:LEU:HD12	13	0.1
(1,1950)	1:11:A:ILE:HG23	1:40:A:LEU:HD13	13	0.1
(1,1950)	1:11:A:ILE:HG23	1:40:A:LEU:HD21	13	0.1
(1,1950)	1:11:A:ILE:HG23	1:40:A:LEU:HD22	13	0.1
(1,1950)	1:11:A:ILE:HG23	1:40:A:LEU:HD23	13	0.1
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD11	4	0.1
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD12	4	0.1
(1,1910)	1:18:A:PHE:HE1	1:63:A:ILE:HD13	4	0.1
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD11	4	0.1
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD12	4	0.1
(1,1910)	1:18:A:PHE:HE2	1:63:A:ILE:HD13	4	0.1
(1,1882)	1:9:A:PHE:HE1	1:58:A:ILE:HG13	7	0.1
(1,1882)	1:9:A:PHE:HE2	1:58:A:ILE:HG13	7	0.1
(1,1817)	1:101:A:ILE:HB	1:104:A:PHE:HD1	13	0.1
(1,1817)	1:101:A:ILE:HB	1:104:A:PHE:HD2	13	0.1
(1,1753)	1:31:A:PRO:HB2	1:35:A:LEU:HA	16	0.1
(1,1753)	1:31:A:PRO:HB3	1:35:A:LEU:HA	16	0.1
(1,1738)	1:21:A:THR:HG21	1:24:A:ASP:H	17	0.1
(1,1738)	1:21:A:THR:HG22	1:24:A:ASP:H	17	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1738)	1:21:A:THR:HG23	1:24:A:ASP:H	17	0.1
(1,1709)	1:43:A:MET:HE1	1:131:A:LEU:HA	1	0.1
(1,1709)	1:43:A:MET:HE2	1:131:A:LEU:HA	1	0.1
(1,1709)	1:43:A:MET:HE3	1:131:A:LEU:HA	1	0.1
(1,1681)	1:107:A:LEU:H	1:111:A:GLU:HB2	9	0.1
(1,1681)	1:107:A:LEU:H	1:111:A:GLU:HB3	9	0.1
(1,1658)	1:46:A:ASN:HB3	1:134:A:VAL:HG11	19	0.1
(1,1658)	1:46:A:ASN:HB3	1:134:A:VAL:HG12	19	0.1
(1,1658)	1:46:A:ASN:HB3	1:134:A:VAL:HG13	19	0.1
(1,1563)	1:31:A:PRO:HB2	1:144:A:LEU:HD21	7	0.1
(1,1563)	1:31:A:PRO:HB2	1:144:A:LEU:HD22	7	0.1
(1,1563)	1:31:A:PRO:HB2	1:144:A:LEU:HD23	7	0.1
(1,1563)	1:31:A:PRO:HB3	1:144:A:LEU:HD21	7	0.1
(1,1563)	1:31:A:PRO:HB3	1:144:A:LEU:HD22	7	0.1
(1,1563)	1:31:A:PRO:HB3	1:144:A:LEU:HD23	7	0.1
(1,1556)	1:63:A:ILE:HG21	1:69:A:MET:HE1	3	0.1
(1,1556)	1:63:A:ILE:HG21	1:69:A:MET:HE2	3	0.1
(1,1556)	1:63:A:ILE:HG21	1:69:A:MET:HE3	3	0.1
(1,1556)	1:63:A:ILE:HG22	1:69:A:MET:HE1	3	0.1
(1,1556)	1:63:A:ILE:HG22	1:69:A:MET:HE2	3	0.1
(1,1556)	1:63:A:ILE:HG22	1:69:A:MET:HE3	3	0.1
(1,1556)	1:63:A:ILE:HG23	1:69:A:MET:HE1	3	0.1
(1,1556)	1:63:A:ILE:HG23	1:69:A:MET:HE2	3	0.1
(1,1556)	1:63:A:ILE:HG23	1:69:A:MET:HE3	3	0.1
(1,1514)	1:43:A:MET:HA	1:43:A:MET:HE1	12	0.1
(1,1514)	1:43:A:MET:HA	1:43:A:MET:HE2	12	0.1
(1,1514)	1:43:A:MET:HA	1:43:A:MET:HE3	12	0.1
(1,1484)	1:101:A:ILE:HG21	1:115:A:ALA:H	16	0.1
(1,1484)	1:101:A:ILE:HG22	1:115:A:ALA:H	16	0.1
(1,1484)	1:101:A:ILE:HG23	1:115:A:ALA:H	16	0.1
(1,1423)	1:69:A:MET:HA	1:73:A:ILE:HG21	1	0.1
(1,1423)	1:69:A:MET:HA	1:73:A:ILE:HG22	1	0.1
(1,1423)	1:69:A:MET:HA	1:73:A:ILE:HG23	1	0.1
(1,1412)	1:18:A:PHE:HB2	1:132:A:ALA:HB1	2	0.1
(1,1412)	1:18:A:PHE:HB2	1:132:A:ALA:HB2	2	0.1
(1,1412)	1:18:A:PHE:HB2	1:132:A:ALA:HB3	2	0.1
(1,1388)	1:94:A:ALA:HA	1:95:A:ILE:H	15	0.1
(1,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG21	10	0.1
(1,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG22	10	0.1
(1,1348)	1:18:A:PHE:HE1	1:117:A:VAL:HG23	10	0.1
(1,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG21	10	0.1
(1,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG22	10	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1348)	1:18:A:PHE:HE2	1:117:A:VAL:HG23	10	0.1
(1,1271)	1:39:A:VAL:HG21	1:139:A:LEU:HB2	12	0.1
(1,1271)	1:39:A:VAL:HG21	1:139:A:LEU:HB3	12	0.1
(1,1271)	1:39:A:VAL:HG22	1:139:A:LEU:HB2	12	0.1
(1,1271)	1:39:A:VAL:HG22	1:139:A:LEU:HB3	12	0.1
(1,1271)	1:39:A:VAL:HG23	1:139:A:LEU:HB2	12	0.1
(1,1271)	1:39:A:VAL:HG23	1:139:A:LEU:HB3	12	0.1
(1,1118)	1:18:A:PHE:HA	1:113:A:PHE:HZ	19	0.1
(1,1028)	1:66:A:THR:HG21	1:96:A:VAL:HA	7	0.1
(1,1028)	1:66:A:THR:HG22	1:96:A:VAL:HA	7	0.1
(1,1028)	1:66:A:THR:HG23	1:96:A:VAL:HA	7	0.1
(1,930)	1:20:A:THR:HB	1:21:A:THR:H	8	0.1
(1,853)	1:103:A:ARG:HA	1:103:A:ARG:HD2	1	0.1
(1,853)	1:103:A:ARG:HA	1:103:A:ARG:HD3	1	0.1
(1,851)	1:27:A:ARG:H	1:27:A:ARG:HD2	17	0.1
(1,851)	1:27:A:ARG:H	1:27:A:ARG:HD3	17	0.1
(1,809)	1:63:A:ILE:HD11	1:117:A:VAL:HB	1	0.1
(1,809)	1:63:A:ILE:HD12	1:117:A:VAL:HB	1	0.1
(1,809)	1:63:A:ILE:HD13	1:117:A:VAL:HB	1	0.1
(1,663)	1:99:A:PRO:HG3	1:100:A:ALA:H	15	0.1
(1,625)	1:120:A:CYS:H	1:121:A:VAL:H	10	0.1
(1,434)	1:68:A:LYS:H	1:68:A:LYS:HE2	5	0.1
(1,434)	1:68:A:LYS:H	1:68:A:LYS:HE3	5	0.1
(1,345)	1:120:A:CYS:HA	1:123:A:CYS:H	17	0.1
(1,271)	1:39:A:VAL:H	1:39:A:VAL:HG11	3	0.1
(1,271)	1:39:A:VAL:H	1:39:A:VAL:HG12	3	0.1
(1,271)	1:39:A:VAL:H	1:39:A:VAL:HG13	3	0.1
(1,271)	1:39:A:VAL:H	1:39:A:VAL:HG11	8	0.1
(1,271)	1:39:A:VAL:H	1:39:A:VAL:HG12	8	0.1
(1,271)	1:39:A:VAL:H	1:39:A:VAL:HG13	8	0.1
(1,271)	1:39:A:VAL:H	1:39:A:VAL:HG11	10	0.1
(1,271)	1:39:A:VAL:H	1:39:A:VAL:HG12	10	0.1
(1,271)	1:39:A:VAL:H	1:39:A:VAL:HG13	10	0.1
(1,221)	1:98:A:ILE:HD11	1:101:A:ILE:H	2	0.1
(1,221)	1:98:A:ILE:HD12	1:101:A:ILE:H	2	0.1
(1,221)	1:98:A:ILE:HD13	1:101:A:ILE:H	2	0.1
(1,213)	1:99:A:PRO:HA	1:101:A:ILE:H	5	0.1
(1,57)	1:45:A:ALA:HB1	1:47:A:ALA:H	16	0.1
(1,57)	1:45:A:ALA:HB2	1:47:A:ALA:H	16	0.1
(1,57)	1:45:A:ALA:HB3	1:47:A:ALA:H	16	0.1
(1,1)	1:39:A:VAL:HG21	1:143:A:TRP:HE1	18	0.1
(1,1)	1:39:A:VAL:HG22	1:143:A:TRP:HE1	18	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:39:A:VAL:HG23	1:143:A:TRP:HE1	18	0.1

10 Dihedral-angle violation analysis

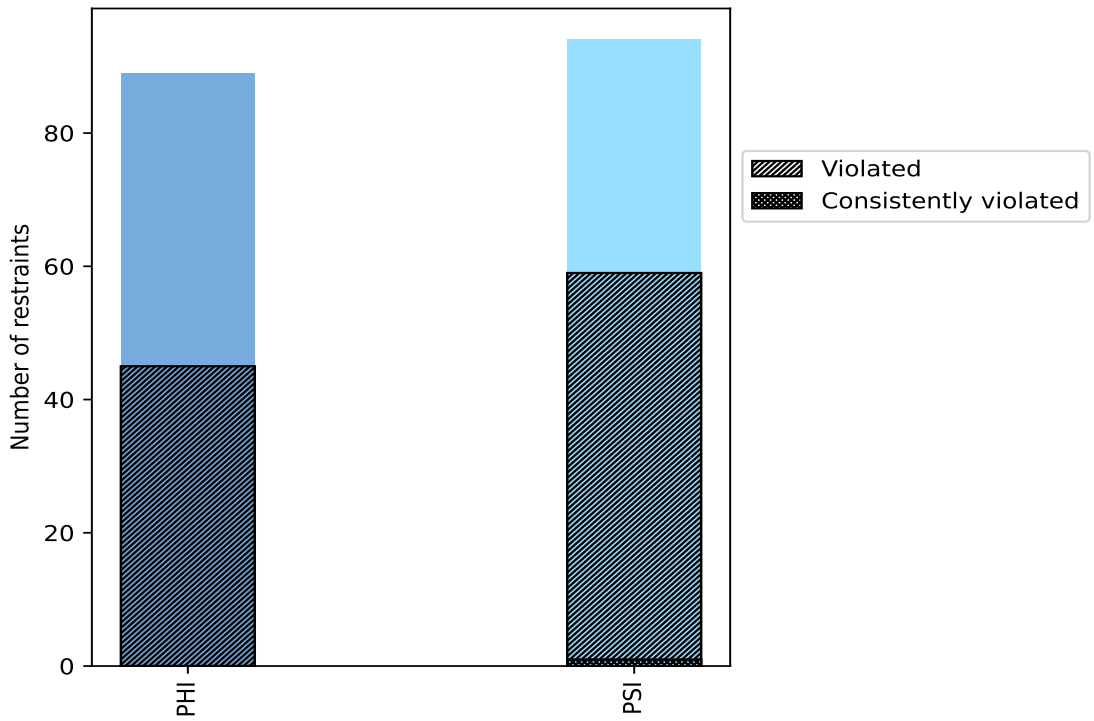
10.1 Summary of dihedral-angle violations

The following table provides the summary of dihedral-angle violations in different dihedral-angle types. Violations less than 1° are not included in the calculation.

Angle type	Count	%[1]	Violated[3]			Consistently Violated[4]		
			Count	%[2]	%[1]	Count	%[2]	%[1]
PHI	89	48.6	45	50.6	24.6	0	0.0	0.0
PSI	94	51.4	59	62.8	32.2	1	1.1	0.5
Total	183	100.0	104	56.8	56.8	1	0.5	0.5

[1] percentage calculated with respect to total number of dihedral-angle restraints, [2] percentage calculated with respect to number of restraints in a particular dihedral-angle type, [3] violated in at least one model, [4] violated in all the models

10.1.1 Bar chart : Distribution of dihedral-angles and violations



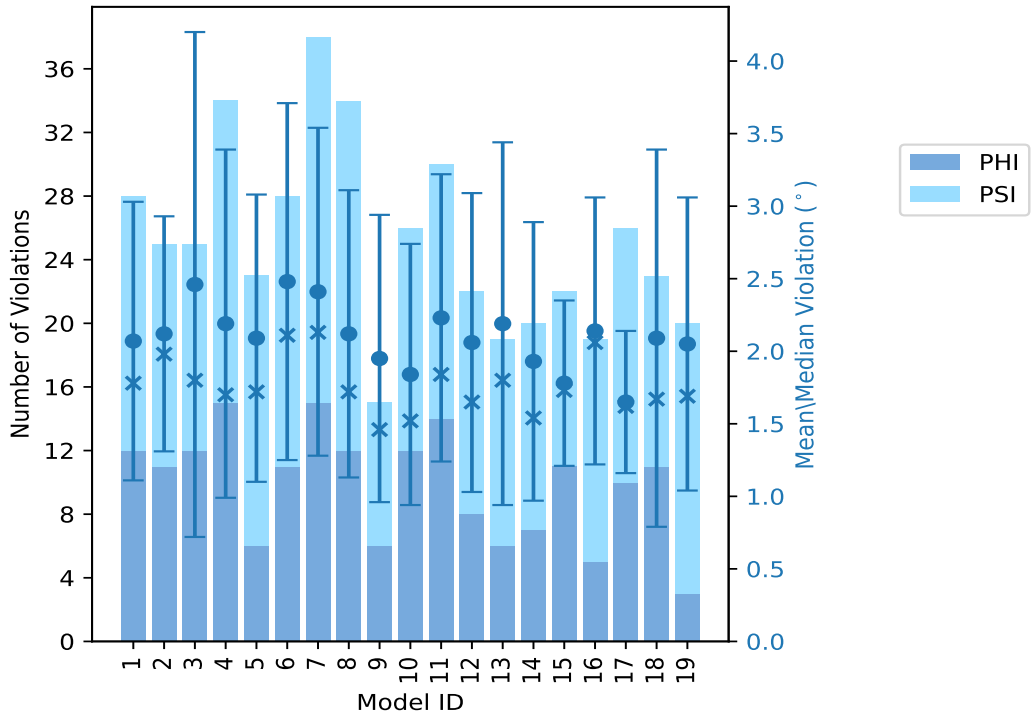
Violated and consistently violated restraints are shown using different hatch patterns in their respective categories

10.2 Dihedral-angle violation statistics for each model (i)

The following table provides the dihedral-angle violation statistics for each model in the ensemble. Violations less than 1° are not included in the statistics.

Model ID	Number of violations			Mean (°)	Max (°)	SD (°)	Median (°)
	PHI	PSI	Total				
1	12	16	28	2.07	5.31	0.96	1.78
2	11	14	25	2.12	4.28	0.81	1.98
3	12	13	25	2.46	9.63	1.74	1.8
4	15	19	34	2.19	5.89	1.2	1.7
5	6	17	23	2.09	4.5	0.99	1.72
6	11	17	28	2.48	5.19	1.23	2.11
7	15	23	38	2.41	6.14	1.13	2.13
8	12	22	34	2.12	4.54	0.99	1.72
9	6	9	15	1.95	4.31	0.99	1.46
10	12	14	26	1.84	4.48	0.9	1.52
11	14	16	30	2.23	4.79	0.99	1.84
12	8	14	22	2.06	4.46	1.03	1.65
13	6	13	19	2.19	6.17	1.25	1.8
14	7	13	20	1.93	4.61	0.96	1.54
15	11	11	22	1.78	3.02	0.57	1.73
16	5	14	19	2.14	4.7	0.92	2.06
17	10	16	26	1.65	2.64	0.49	1.62
18	11	12	23	2.09	6.41	1.3	1.67
19	3	17	20	2.05	5.2	1.01	1.69

10.2.1 Bar graph : Dihedral violation statistics for each model



The mean(dot),median(x) and the standard deviation are shown in blue with respect to the y axis on the right

10.3 Dihedral-angle violation statistics for the ensemble

Violation analysis may find that some restraints are violated in very few models and some are violated in most of models. The following table provides this information as number of violated restraints for a given fraction of ensemble.

Number of violated restraints			Fraction of the ensemble	
PHI	PSI	Total	Count[1]	%
14	18	32	1	5.3
8	5	13	2	10.5
1	3	4	3	15.8
3	7	10	4	21.1
9	8	17	5	26.3
1	6	7	6	31.6
1	3	4	7	36.8
1	1	2	8	42.1
4	0	4	9	47.4
0	1	1	10	52.6
0	1	1	11	57.9

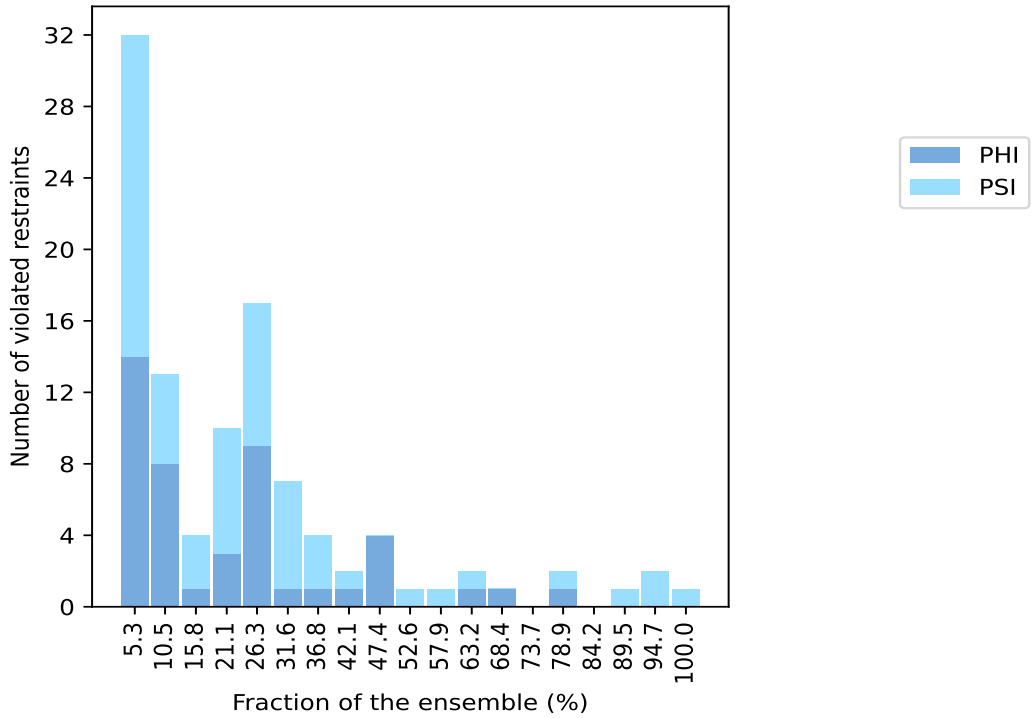
Continued on next page...

Continued from previous page...

Number of violated restraints			Fraction of the ensemble	
PHI	PSI	Total	Count[1]	%
1	1	2	12	63.2
1	0	1	13	68.4
0	0	0	14	73.7
1	1	2	15	78.9
0	0	0	16	84.2
0	1	1	17	89.5
0	2	2	18	94.7
0	1	1	19	100.0

[1] Number of models with violations

10.3.1 Bar graph : Dihedral-angle Violation statistics for the ensemble

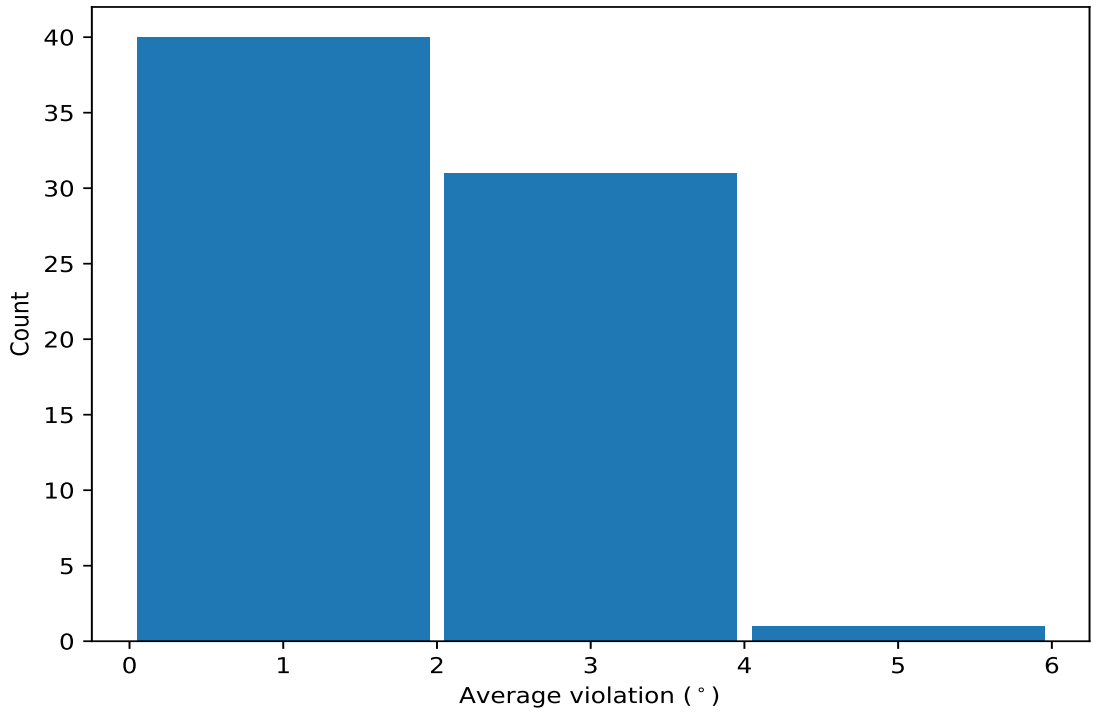


10.4 Most violated dihedral-angle restraints in the ensemble

10.4.1 Histogram : Distribution of mean dihedral-angle violations

The following histogram shows the distribution of the average value of the violation. The average is calculated for each restraint that is violated in more than one model over all the violated models

in the ensemble



10.4.2 Table: Most violated dihedral-angle restraints

The following table provides the mean and the standard deviation of the violation for each restraint sorted by number of violated models and the mean value. The Key (restraint list ID, restraint ID) is the unique identifier for a given restraint.

Key	Atom-1	Atom-2	Atom-3	Atom-4	Models[1]	Mean	SD[2]	Median
(1,81)	1:62:A:HIS:N	1:62:A:HIS:CA	1:62:A:HIS:C	1:63:A:ILE:N	19	1.74	0.43	1.71
(1,34)	1:35:A:LEU:N	1:35:A:LEU:CA	1:35:A:LEU:C	1:36:A:PRO:N	18	4.16	1.81	4.19
(1,63)	1:50:A:ALA:N	1:50:A:ALA:CA	1:50:A:ALA:C	1:51:A:GLY:N	18	1.42	0.16	1.38
(1,32)	1:27:A:ARG:N	1:27:A:ARG:CA	1:27:A:ARG:C	1:28:A:GLY:N	17	1.95	0.78	1.67
(1,40)	1:38:A:GLU:C	1:39:A:VAL:N	1:39:A:VAL:CA	1:39:A:VAL:C	15	2.79	1.45	2.26
(1,163)	1:133:A:ASN:N	1:133:A:ASN:CA	1:133:A:ASN:C	1:134:A:VAL:N	15	2.31	0.75	2.49
(1,115)	1:103:A:ARG:C	1:104:A:PHE:N	1:104:A:PHE:CA	1:104:A:PHE:C	13	2.33	1.02	2.41
(1,37)	1:37:A:LEU:N	1:37:A:LEU:CA	1:37:A:LEU:C	1:38:A:GLU:N	12	3.22	1.08	2.79
(1,84)	1:63:A:ILE:C	1:64:A:LYS:N	1:64:A:LYS:CA	1:64:A:LYS:C	12	1.84	0.59	1.65
(1,135)	1:115:A:ALA:N	1:115:A:ALA:CA	1:115:A:ALA:C	1:116:A:GLN:N	11	2.39	0.89	2.17
(1,103)	1:75:A:GLY:N	1:75:A:GLY:CA	1:75:A:GLY:C	1:76:A:ARG:N	10	1.78	0.52	1.48
(1,89)	1:67:A:PRO:C	1:68:A:LYS:N	1:68:A:LYS:CA	1:68:A:LYS:C	9	2.74	1.42	3.48
(1,38)	1:37:A:LEU:C	1:38:A:GLU:N	1:38:A:GLU:CA	1:38:A:GLU:C	9	2.64	0.95	2.83
(1,121)	1:106:A:ASP:C	1:107:A:LEU:N	1:107:A:LEU:CA	1:107:A:LEU:C	9	2.34	0.48	2.35
(1,164)	1:133:A:ASN:C	1:134:A:VAL:N	1:134:A:VAL:CA	1:134:A:VAL:C	9	1.41	0.33	1.31
(1,25)	1:23:A:LEU:C	1:24:A:ASP:N	1:24:A:ASP:CA	1:24:A:ASP:C	8	1.97	0.91	1.74
(1,177)	1:142:A:LYS:N	1:142:A:LYS:CA	1:142:A:LYS:C	1:143:A:TRP:N	8	1.66	0.53	1.52
(1,88)	1:67:A:PRO:N	1:67:A:PRO:CA	1:67:A:PRO:C	1:68:A:LYS:N	7	2.48	0.82	2.33
(1,125)	1:110:A:MET:N	1:110:A:MET:CA	1:110:A:MET:C	1:111:A:GLU:N	7	2.31	1.44	1.49
(1,174)	1:140:A:LEU:C	1:141:A:LYS:N	1:141:A:LYS:CA	1:141:A:LYS:C	7	2.11	0.7	2.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Atom-3	Atom-4	Models[1]	Mean	SD[2]	Median
(1,94)	1:70:A:LYS:N	1:70:A:LYS:CA	1:70:A:LYS:C	1:71:A:LYS:N	7	1.24	0.22	1.12
(1,179)	1:143:A:TRP:N	1:143:A:TRP:CA	1:143:A:TRP:C	1:144:A:LEU:N	6	3.2	1.49	2.79
(1,114)	1:103:A:ARG:N	1:103:A:ARG:CA	1:103:A:ARG:C	1:104:A:PHE:N	6	2.47	1.71	1.72
(1,175)	1:141:A:LYS:N	1:141:A:LYS:CA	1:141:A:LYS:C	1:142:A:LYS:N	6	2.11	0.74	2.08
(1,116)	1:104:A:PHE:N	1:104:A:PHE:CA	1:104:A:PHE:C	1:105:A:LYS:N	6	2.08	0.62	2.08
(1,153)	1:128:A:LEU:N	1:128:A:LEU:CA	1:128:A:LEU:C	1:129:A:LYS:N	6	1.97	0.78	1.66
(1,170)	1:138:A:ASP:C	1:139:A:LEU:N	1:139:A:LEU:CA	1:139:A:LEU:C	6	1.97	0.77	1.76
(1,147)	1:124:A:THR:N	1:124:A:THR:CA	1:124:A:THR:C	1:125:A:THR:N	6	1.59	0.51	1.4
(1,92)	1:69:A:MET:N	1:69:A:MET:CA	1:69:A:MET:C	1:70:A:LYS:N	5	2.89	0.93	2.55
(1,120)	1:106:A:ASP:N	1:106:A:ASP:CA	1:106:A:ASP:C	1:107:A:LEU:N	5	2.68	0.59	3.02
(1,173)	1:140:A:LEU:N	1:140:A:LEU:CA	1:140:A:LEU:C	1:141:A:LYS:N	5	2.52	1.34	2.36
(1,105)	1:77:A:CYS:N	1:77:A:CYS:CA	1:77:A:CYS:C	1:78:A:HIS:N	5	2.4	1.13	1.95
(1,109)	1:97:A:ASP:N	1:97:A:ASP:CA	1:97:A:ASP:C	1:98:A:ILE:N	5	2.33	1.14	1.74
(1,41)	1:39:A:VAL:N	1:39:A:VAL:CA	1:39:A:VAL:C	1:40:A:LEU:N	5	2.28	0.85	1.7
(1,110)	1:97:A:ASP:C	1:98:A:ILE:N	1:98:A:ILE:CA	1:98:A:ILE:C	5	2.27	1.17	2.19
(1,106)	1:77:A:CYS:C	1:78:A:HIS:N	1:78:A:HIS:CA	1:78:A:HIS:C	5	2.15	0.7	2.01
(1,83)	1:63:A:ILE:N	1:63:A:ILE:CA	1:63:A:ILE:C	1:64:A:LYS:N	5	1.75	0.47	1.87
(1,31)	1:26:A:ASP:C	1:27:A:ARG:N	1:27:A:ARG:CA	1:27:A:ARG:C	5	1.69	0.42	1.68
(1,146)	1:123:A:CYS:C	1:124:A:THR:N	1:124:A:THR:CA	1:124:A:THR:C	5	1.65	0.37	1.72
(1,154)	1:128:A:LEU:C	1:129:A:LYS:N	1:129:A:LYS:CA	1:129:A:LYS:C	5	1.51	0.4	1.45
(1,95)	1:70:A:LYS:C	1:71:A:LYS:N	1:71:A:LYS:CA	1:71:A:LYS:C	5	1.43	0.32	1.43
(1,143)	1:122:A:ASP:N	1:122:A:ASP:CA	1:122:A:ASP:C	1:123:A:CYS:N	5	1.37	0.09	1.36
(1,19)	1:17:A:ASN:C	1:18:A:PHE:N	1:18:A:PHE:CA	1:18:A:PHE:C	5	1.35	0.22	1.3
(1,104)	1:76:A:ARG:C	1:77:A:CYS:N	1:77:A:CYS:CA	1:77:A:CYS:C	5	1.32	0.28	1.21
(1,144)	1:122:A:ASP:C	1:123:A:CYS:N	1:123:A:CYS:CA	1:123:A:CYS:C	5	1.3	0.26	1.2
(1,24)	1:23:A:LEU:N	1:23:A:LEU:CA	1:23:A:LEU:C	1:24:A:ASP:N	4	2.81	1.54	2.92
(1,93)	1:69:A:MET:C	1:70:A:LYS:N	1:70:A:LYS:CA	1:70:A:LYS:C	4	2.24	0.31	2.24
(1,98)	1:72:A:PHE:N	1:72:A:PHE:CA	1:72:A:PHE:C	1:73:A:ILE:N	4	2.22	0.77	2.32
(1,5)	1:10:A:ASN:C	1:11:A:ILE:N	1:11:A:ILE:CA	1:11:A:ILE:C	4	2.0	0.72	1.96
(1,169)	1:138:A:ASP:N	1:138:A:ASP:CA	1:138:A:ASP:C	1:139:A:LEU:N	4	1.92	0.66	1.64
(1,9)	1:12:A:VAL:C	1:13:A:ALA:N	1:13:A:ALA:CA	1:13:A:ALA:C	4	1.91	0.38	1.96
(1,101)	1:74:A:PRO:N	1:74:A:PRO:CA	1:74:A:PRO:C	1:75:A:GLY:N	4	1.88	0.53	1.94
(1,145)	1:123:A:CYS:N	1:123:A:CYS:CA	1:123:A:CYS:C	1:124:A:THR:N	4	1.47	0.2	1.5
(1,85)	1:64:A:LYS:N	1:64:A:LYS:CA	1:64:A:LYS:C	1:65:A:CYS:N	4	1.42	0.4	1.28
(1,129)	1:112:A:GLN:N	1:112:A:GLN:CA	1:112:A:GLN:C	1:113:A:PHE:N	4	1.32	0.22	1.33
(1,160)	1:131:A:LEU:C	1:132:A:ALA:N	1:132:A:ALA:CA	1:132:A:ALA:C	3	1.75	0.23	1.67
(1,181)	1:144:A:LEU:N	1:144:A:LEU:CA	1:144:A:LEU:C	1:145:A:PRO:N	3	1.7	0.61	1.5
(1,183)	1:148:A:CYS:N	1:148:A:CYS:CA	1:148:A:CYS:C	1:149:A:ALA:N	3	1.49	0.28	1.4
(1,123)	1:109:A:PRO:N	1:109:A:PRO:CA	1:109:A:PRO:C	1:110:A:MET:N	3	1.45	0.29	1.6
(1,91)	1:68:A:LYS:C	1:69:A:MET:N	1:69:A:MET:CA	1:69:A:MET:C	2	3.18	2.0	3.18
(1,113)	1:102:A:PRO:C	1:103:A:ARG:N	1:103:A:ARG:CA	1:103:A:ARG:C	2	2.79	0.88	2.79
(1,137)	1:116:A:GLN:N	1:116:A:GLN:CA	1:116:A:GLN:C	1:117:A:VAL:N	2	2.31	0.08	2.31
(1,90)	1:68:A:LYS:N	1:68:A:LYS:CA	1:68:A:LYS:C	1:69:A:MET:N	2	2.26	0.92	2.26
(1,96)	1:71:A:LYS:N	1:71:A:LYS:CA	1:71:A:LYS:C	1:72:A:PHE:N	2	1.98	0.22	1.98
(1,7)	1:11:A:ILE:C	1:12:A:VAL:N	1:12:A:VAL:CA	1:12:A:VAL:C	2	1.84	0.14	1.84
(1,167)	1:137:A:SER:N	1:137:A:SER:CA	1:137:A:SER:C	1:138:A:ASP:N	2	1.76	0.35	1.76
(1,140)	1:117:A:VAL:C	1:118:A:ASP:N	1:118:A:ASP:CA	1:118:A:ASP:C	2	1.62	0.38	1.62
(1,130)	1:112:A:GLN:C	1:113:A:PHE:N	1:113:A:PHE:CA	1:113:A:PHE:C	2	1.46	0.04	1.46
(1,158)	1:130:A:GLY:C	1:131:A:LEU:N	1:131:A:LEU:CA	1:131:A:LEU:C	2	1.4	0.34	1.4
(1,133)	1:114:A:ILE:N	1:114:A:ILE:CA	1:114:A:ILE:C	1:115:A:ALA:N	2	1.36	0.36	1.36
(1,48)	1:42:A:GLU:C	1:43:A:MET:N	1:43:A:MET:CA	1:43:A:MET:C	2	1.21	0.07	1.21

Continued on next page...

Continued from previous page...

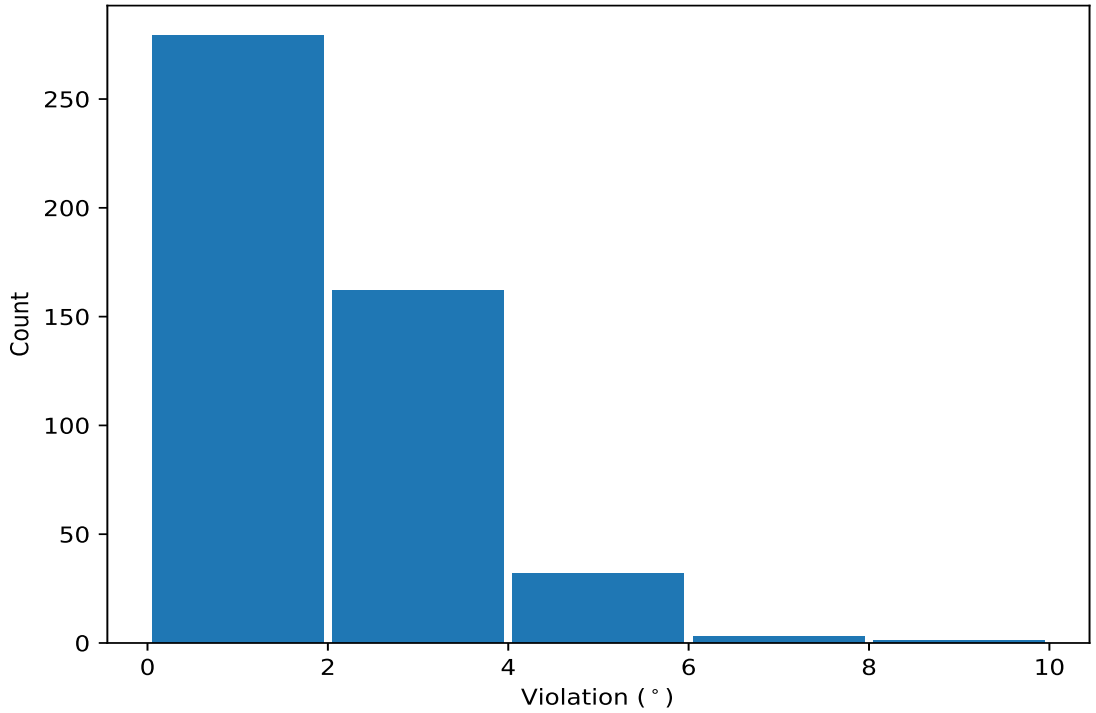
Key	Atom-1	Atom-2	Atom-3	Atom-4	Models[1]	Mean	SD[2]	Median
(1,102)	1:74:A:PRO:C	1:75:A:GLY:N	1:75:A:GLY:CA	1:75:A:GLY:C	2	1.12	0.03	1.12

[1] Number of violated models, [2]Standard deviation, All angle values are in degree (°)

10.5 All violated dihedral-angle restraints

10.5.1 Histogram : Distribution of violations

The following histogram shows the distribution of the absolute value of the violation for all violated restraints in the ensemble.



10.5.2 Table: All violated dihedral-angle restraints

The following table lists the absolute value of the violation for each restraint in the ensemble sorted by its value. The Key (restraint list ID, restraint ID) is the unique identifier for a given restraint.

Key	Atom-1	Atom-2	Atom-3	Atom-4	Model ID	Violation (°)
(1,34)	1:35:A:LEU:N	1:35:A:LEU:CA	1:35:A:LEU:C	1:36:A:PRO:N	3	9.63
(1,40)	1:38:A:GLU:C	1:39:A:VAL:N	1:39:A:VAL:CA	1:39:A:VAL:C	18	6.41
(1,114)	1:103:A:ARG:N	1:103:A:ARG:CA	1:103:A:ARG:C	1:104:A:PHE:N	13	6.17
(1,34)	1:35:A:LEU:N	1:35:A:LEU:CA	1:35:A:LEU:C	1:36:A:PRO:N	7	6.14
(1,179)	1:143:A:TRP:N	1:143:A:TRP:CA	1:143:A:TRP:C	1:144:A:LEU:N	4	5.89
(1,37)	1:37:A:LEU:N	1:37:A:LEU:CA	1:37:A:LEU:C	1:38:A:GLU:N	1	5.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Atom-3	Atom-4	Model ID	Violation (°)
(1,125)	1:110:A:MET:N	1:110:A:MET:CA	1:110:A:MET:C	1:111:A:GLU:N	19	5.2
(1,91)	1:68:A:LYS:C	1:69:A:MET:N	1:69:A:MET:CA	1:69:A:MET:C	6	5.19
(1,34)	1:35:A:LEU:N	1:35:A:LEU:CA	1:35:A:LEU:C	1:36:A:PRO:N	6	5.13
(1,34)	1:35:A:LEU:N	1:35:A:LEU:CA	1:35:A:LEU:C	1:36:A:PRO:N	13	5.09
(1,173)	1:140:A:LEU:N	1:140:A:LEU:CA	1:140:A:LEU:C	1:141:A:LYS:N	4	5.02
(1,40)	1:38:A:GLU:C	1:39:A:VAL:N	1:39:A:VAL:CA	1:39:A:VAL:C	3	5.0
(1,34)	1:35:A:LEU:N	1:35:A:LEU:CA	1:35:A:LEU:C	1:36:A:PRO:N	11	4.79
(1,37)	1:37:A:LEU:N	1:37:A:LEU:CA	1:37:A:LEU:C	1:38:A:GLU:N	7	4.78
(1,34)	1:35:A:LEU:N	1:35:A:LEU:CA	1:35:A:LEU:C	1:36:A:PRO:N	16	4.7
(1,32)	1:27:A:ARG:N	1:27:A:ARG:CA	1:27:A:ARG:C	1:28:A:GLY:N	4	4.66
(1,37)	1:37:A:LEU:N	1:37:A:LEU:CA	1:37:A:LEU:C	1:38:A:GLU:N	14	4.61
(1,141)	1:118:A:ASP:N	1:118:A:ASP:CA	1:118:A:ASP:C	1:119:A:LEU:N	8	4.54
(1,92)	1:69:A:MET:N	1:69:A:MET:CA	1:69:A:MET:C	1:70:A:LYS:N	5	4.5
(1,89)	1:67:A:PRO:C	1:68:A:LYS:N	1:68:A:LYS:CA	1:68:A:LYS:C	10	4.48
(1,34)	1:35:A:LEU:N	1:35:A:LEU:CA	1:35:A:LEU:C	1:36:A:PRO:N	8	4.47
(1,34)	1:35:A:LEU:N	1:35:A:LEU:CA	1:35:A:LEU:C	1:36:A:PRO:N	12	4.46
(1,135)	1:115:A:ALA:N	1:115:A:ALA:CA	1:115:A:ALA:C	1:116:A:GLN:N	11	4.41
(1,109)	1:97:A:ASP:N	1:97:A:ASP:CA	1:97:A:ASP:C	1:98:A:ILE:N	6	4.41
(1,110)	1:97:A:ASP:C	1:98:A:ILE:N	1:98:A:ILE:CA	1:98:A:ILE:C	6	4.39
(1,24)	1:23:A:LEU:N	1:23:A:LEU:CA	1:23:A:LEU:C	1:24:A:ASP:N	7	4.37
(1,155)	1:129:A:LYS:N	1:129:A:LYS:CA	1:129:A:LYS:C	1:130:A:GLY:N	12	4.36
(1,34)	1:35:A:LEU:N	1:35:A:LEU:CA	1:35:A:LEU:C	1:36:A:PRO:N	18	4.35
(1,24)	1:23:A:LEU:N	1:23:A:LEU:CA	1:23:A:LEU:C	1:24:A:ASP:N	9	4.31
(1,115)	1:103:A:ARG:C	1:104:A:PHE:N	1:104:A:PHE:CA	1:104:A:PHE:C	7	4.28
(1,105)	1:77:A:CYS:N	1:77:A:CYS:CA	1:77:A:CYS:C	1:78:A:HIS:N	2	4.28
(1,89)	1:67:A:PRO:C	1:68:A:LYS:N	1:68:A:LYS:CA	1:68:A:LYS:C	16	4.28
(1,38)	1:37:A:LEU:C	1:38:A:GLU:N	1:38:A:GLU:CA	1:38:A:GLU:C	14	4.23
(1,40)	1:38:A:GLU:C	1:39:A:VAL:N	1:39:A:VAL:CA	1:39:A:VAL:C	6	4.22
(1,179)	1:143:A:TRP:N	1:143:A:TRP:CA	1:143:A:TRP:C	1:144:A:LEU:N	11	4.17
(1,34)	1:35:A:LEU:N	1:35:A:LEU:CA	1:35:A:LEU:C	1:36:A:PRO:N	5	4.03
(1,34)	1:35:A:LEU:N	1:35:A:LEU:CA	1:35:A:LEU:C	1:36:A:PRO:N	1	3.98
(1,163)	1:133:A:ASN:N	1:133:A:ASN:CA	1:133:A:ASN:C	1:134:A:VAL:N	18	3.97
(1,34)	1:35:A:LEU:N	1:35:A:LEU:CA	1:35:A:LEU:C	1:36:A:PRO:N	4	3.96
(1,25)	1:23:A:LEU:C	1:24:A:ASP:N	1:24:A:ASP:CA	1:24:A:ASP:C	3	3.87
(1,89)	1:67:A:PRO:C	1:68:A:LYS:N	1:68:A:LYS:CA	1:68:A:LYS:C	3	3.85
(1,37)	1:37:A:LEU:N	1:37:A:LEU:CA	1:37:A:LEU:C	1:38:A:GLU:N	4	3.84
(1,89)	1:67:A:PRO:C	1:68:A:LYS:N	1:68:A:LYS:CA	1:68:A:LYS:C	7	3.81
(1,125)	1:110:A:MET:N	1:110:A:MET:CA	1:110:A:MET:C	1:111:A:GLU:N	10	3.8
(1,136)	1:115:A:ALA:C	1:116:A:GLN:N	1:116:A:GLN:CA	1:116:A:GLN:C	8	3.7
(1,135)	1:115:A:ALA:N	1:115:A:ALA:CA	1:115:A:ALA:C	1:116:A:GLN:N	5	3.68
(1,40)	1:38:A:GLU:C	1:39:A:VAL:N	1:39:A:VAL:CA	1:39:A:VAL:C	10	3.68
(1,113)	1:102:A:PRO:C	1:103:A:ARG:N	1:103:A:ARG:CA	1:103:A:ARG:C	12	3.67
(1,170)	1:138:A:ASP:C	1:139:A:LEU:N	1:139:A:LEU:CA	1:139:A:LEU:C	8	3.48
(1,115)	1:103:A:ARG:C	1:104:A:PHE:N	1:104:A:PHE:CA	1:104:A:PHE:C	9	3.48
(1,89)	1:67:A:PRO:C	1:68:A:LYS:N	1:68:A:LYS:CA	1:68:A:LYS:C	2	3.48
(1,38)	1:37:A:LEU:C	1:38:A:GLU:N	1:38:A:GLU:CA	1:38:A:GLU:C	1	3.47
(1,179)	1:143:A:TRP:N	1:143:A:TRP:CA	1:143:A:TRP:C	1:144:A:LEU:N	8	3.39
(1,88)	1:67:A:PRO:N	1:67:A:PRO:CA	1:67:A:PRO:C	1:68:A:LYS:N	7	3.39
(1,180)	1:143:A:TRP:C	1:144:A:LEU:N	1:144:A:LEU:CA	1:144:A:LEU:C	11	3.37
(1,41)	1:39:A:VAL:N	1:39:A:VAL:CA	1:39:A:VAL:C	1:40:A:LEU:N	4	3.35
(1,88)	1:67:A:PRO:N	1:67:A:PRO:CA	1:67:A:PRO:C	1:68:A:LYS:N	10	3.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Atom-3	Atom-4	Model ID	Violation (°)
(1,106)	1:77:A:CYS:C	1:78:A:HIS:N	1:78:A:HIS:CA	1:78:A:HIS:C	2	3.33
(1,88)	1:67:A:PRO:N	1:67:A:PRO:CA	1:67:A:PRO:C	1:68:A:LYS:N	6	3.31
(1,41)	1:39:A:VAL:N	1:39:A:VAL:CA	1:39:A:VAL:C	1:40:A:LEU:N	7	3.28
(1,40)	1:38:A:GLU:C	1:39:A:VAL:N	1:39:A:VAL:CA	1:39:A:VAL:C	8	3.26
(1,115)	1:103:A:ARG:C	1:104:A:PHE:N	1:104:A:PHE:CA	1:104:A:PHE:C	11	3.25
(1,163)	1:133:A:ASN:N	1:133:A:ASN:CA	1:133:A:ASN:C	1:134:A:VAL:N	3	3.22
(1,120)	1:106:A:ASP:N	1:106:A:ASP:CA	1:106:A:ASP:C	1:107:A:LEU:N	11	3.21
(1,38)	1:37:A:LEU:C	1:38:A:GLU:N	1:38:A:GLU:CA	1:38:A:GLU:C	7	3.21
(1,175)	1:141:A:LYS:N	1:141:A:LYS:CA	1:141:A:LYS:C	1:142:A:LYS:N	6	3.2
(1,98)	1:72:A:PHE:N	1:72:A:PHE:CA	1:72:A:PHE:C	1:73:A:ILE:N	5	3.19
(1,90)	1:68:A:LYS:N	1:68:A:LYS:CA	1:68:A:LYS:C	1:69:A:MET:N	6	3.19
(1,92)	1:69:A:MET:N	1:69:A:MET:CA	1:69:A:MET:C	1:70:A:LYS:N	19	3.18
(1,116)	1:104:A:PHE:N	1:104:A:PHE:CA	1:104:A:PHE:C	1:105:A:LYS:N	5	3.15
(1,84)	1:63:A:ILE:C	1:64:A:LYS:N	1:64:A:LYS:CA	1:64:A:LYS:C	1	3.13
(1,153)	1:128:A:LEU:N	1:128:A:LEU:CA	1:128:A:LEU:C	1:129:A:LYS:N	12	3.12
(1,120)	1:106:A:ASP:N	1:106:A:ASP:CA	1:106:A:ASP:C	1:107:A:LEU:N	7	3.1
(1,40)	1:38:A:GLU:C	1:39:A:VAL:N	1:39:A:VAL:CA	1:39:A:VAL:C	7	3.08
(1,115)	1:103:A:ARG:C	1:104:A:PHE:N	1:104:A:PHE:CA	1:104:A:PHE:C	19	3.06
(1,37)	1:37:A:LEU:N	1:37:A:LEU:CA	1:37:A:LEU:C	1:38:A:GLU:N	18	3.06
(1,169)	1:138:A:ASP:N	1:138:A:ASP:CA	1:138:A:ASP:C	1:139:A:LEU:N	8	3.05
(1,115)	1:103:A:ARG:C	1:104:A:PHE:N	1:104:A:PHE:CA	1:104:A:PHE:C	4	3.04
(1,120)	1:106:A:ASP:N	1:106:A:ASP:CA	1:106:A:ASP:C	1:107:A:LEU:N	19	3.02
(1,105)	1:77:A:CYS:N	1:77:A:CYS:CA	1:77:A:CYS:C	1:78:A:HIS:N	15	3.02
(1,34)	1:35:A:LEU:N	1:35:A:LEU:CA	1:35:A:LEU:C	1:36:A:PRO:N	9	3.01
(1,174)	1:140:A:LEU:C	1:141:A:LYS:N	1:141:A:LYS:CA	1:141:A:LYS:C	8	3.0
(1,121)	1:106:A:ASP:C	1:107:A:LEU:N	1:107:A:LEU:CA	1:107:A:LEU:C	9	2.99
(1,121)	1:106:A:ASP:C	1:107:A:LEU:N	1:107:A:LEU:CA	1:107:A:LEU:C	2	2.98
(1,5)	1:10:A:ASN:C	1:11:A:ILE:N	1:11:A:ILE:CA	1:11:A:ILE:C	6	2.96
(1,153)	1:128:A:LEU:N	1:128:A:LEU:CA	1:128:A:LEU:C	1:129:A:LYS:N	7	2.93
(1,177)	1:142:A:LYS:N	1:142:A:LYS:CA	1:142:A:LYS:C	1:143:A:TRP:N	7	2.87
(1,37)	1:37:A:LEU:N	1:37:A:LEU:CA	1:37:A:LEU:C	1:38:A:GLU:N	11	2.86
(1,38)	1:37:A:LEU:C	1:38:A:GLU:N	1:38:A:GLU:CA	1:38:A:GLU:C	18	2.84
(1,38)	1:37:A:LEU:C	1:38:A:GLU:N	1:38:A:GLU:CA	1:38:A:GLU:C	6	2.83
(1,163)	1:133:A:ASN:N	1:133:A:ASN:CA	1:133:A:ASN:C	1:134:A:VAL:N	11	2.82
(1,23)	1:22:A:ASP:C	1:23:A:LEU:N	1:23:A:LEU:CA	1:23:A:LEU:C	1	2.79
(1,163)	1:133:A:ASN:N	1:133:A:ASN:CA	1:133:A:ASN:C	1:134:A:VAL:N	8	2.77
(1,25)	1:23:A:LEU:C	1:24:A:ASP:N	1:24:A:ASP:CA	1:24:A:ASP:C	1	2.75
(1,174)	1:140:A:LEU:C	1:141:A:LYS:N	1:141:A:LYS:CA	1:141:A:LYS:C	18	2.72
(1,81)	1:62:A:HIS:N	1:62:A:HIS:CA	1:62:A:HIS:C	1:63:A:ILE:N	12	2.72
(1,37)	1:37:A:LEU:N	1:37:A:LEU:CA	1:37:A:LEU:C	1:38:A:GLU:N	3	2.72
(1,163)	1:133:A:ASN:N	1:133:A:ASN:CA	1:133:A:ASN:C	1:134:A:VAL:N	19	2.69
(1,174)	1:140:A:LEU:C	1:141:A:LYS:N	1:141:A:LYS:CA	1:141:A:LYS:C	11	2.68
(1,163)	1:133:A:ASN:N	1:133:A:ASN:CA	1:133:A:ASN:C	1:134:A:VAL:N	4	2.66
(1,8)	1:12:A:VAL:N	1:12:A:VAL:CA	1:12:A:VAL:C	1:13:A:ALA:N	1	2.66
(1,34)	1:35:A:LEU:N	1:35:A:LEU:CA	1:35:A:LEU:C	1:36:A:PRO:N	15	2.65
(1,135)	1:115:A:ALA:N	1:115:A:ALA:CA	1:115:A:ALA:C	1:116:A:GLN:N	17	2.64
(1,109)	1:97:A:ASP:N	1:97:A:ASP:CA	1:97:A:ASP:C	1:98:A:ILE:N	16	2.64
(1,175)	1:141:A:LYS:N	1:141:A:LYS:CA	1:141:A:LYS:C	1:142:A:LYS:N	4	2.63
(1,139)	1:117:A:VAL:N	1:117:A:VAL:CA	1:117:A:VAL:C	1:118:A:ASP:N	8	2.63
(1,87)	1:65:A:CYS:N	1:65:A:CYS:CA	1:65:A:CYS:C	1:66:A:THR:N	6	2.63
(1,175)	1:141:A:LYS:N	1:141:A:LYS:CA	1:141:A:LYS:C	1:142:A:LYS:N	7	2.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Atom-3	Atom-4	Model ID	Violation (°)
(1,93)	1:69:A:MET:C	1:70:A:LYS:N	1:70:A:LYS:CA	1:70:A:LYS:C	2	2.61
(1,114)	1:103:A:ARG:N	1:103:A:ARG:CA	1:103:A:ARG:C	1:104:A:PHE:N	7	2.6
(1,103)	1:75:A:GLY:N	1:75:A:GLY:CA	1:75:A:GLY:C	1:76:A:ARG:N	2	2.59
(1,84)	1:63:A:ILE:C	1:64:A:LYS:N	1:64:A:LYS:CA	1:64:A:LYS:C	2	2.59
(1,37)	1:37:A:LEU:N	1:37:A:LEU:CA	1:37:A:LEU:C	1:38:A:GLU:N	17	2.59
(1,34)	1:35:A:LEU:N	1:35:A:LEU:CA	1:35:A:LEU:C	1:36:A:PRO:N	2	2.57
(1,34)	1:35:A:LEU:N	1:35:A:LEU:CA	1:35:A:LEU:C	1:36:A:PRO:N	19	2.57
(1,163)	1:133:A:ASN:N	1:133:A:ASN:CA	1:133:A:ASN:C	1:134:A:VAL:N	14	2.56
(1,103)	1:75:A:GLY:N	1:75:A:GLY:CA	1:75:A:GLY:C	1:76:A:ARG:N	8	2.56
(1,92)	1:69:A:MET:N	1:69:A:MET:CA	1:69:A:MET:C	1:70:A:LYS:N	2	2.55
(1,181)	1:144:A:LEU:N	1:144:A:LEU:CA	1:144:A:LEU:C	1:145:A:PRO:N	7	2.53
(1,115)	1:103:A:ARG:C	1:104:A:PHE:N	1:104:A:PHE:CA	1:104:A:PHE:C	8	2.53
(1,101)	1:74:A:PRO:N	1:74:A:PRO:CA	1:74:A:PRO:C	1:75:A:GLY:N	14	2.53
(1,32)	1:27:A:ARG:N	1:27:A:ARG:CA	1:27:A:ARG:C	1:28:A:GLY:N	13	2.51
(1,92)	1:69:A:MET:N	1:69:A:MET:CA	1:69:A:MET:C	1:70:A:LYS:N	6	2.5
(1,40)	1:38:A:GLU:C	1:39:A:VAL:N	1:39:A:VAL:CA	1:39:A:VAL:C	12	2.5
(1,173)	1:140:A:LEU:N	1:140:A:LEU:CA	1:140:A:LEU:C	1:141:A:LYS:N	5	2.49
(1,163)	1:133:A:ASN:N	1:133:A:ASN:CA	1:133:A:ASN:C	1:134:A:VAL:N	5	2.49
(1,147)	1:124:A:THR:N	1:124:A:THR:CA	1:124:A:THR:C	1:125:A:THR:N	16	2.48
(1,106)	1:77:A:CYS:C	1:78:A:HIS:N	1:78:A:HIS:CA	1:78:A:HIS:C	15	2.48
(1,121)	1:106:A:ASP:C	1:107:A:LEU:N	1:107:A:LEU:CA	1:107:A:LEU:C	15	2.47
(1,93)	1:69:A:MET:C	1:70:A:LYS:N	1:70:A:LYS:CA	1:70:A:LYS:C	4	2.47
(1,38)	1:37:A:LEU:C	1:38:A:GLU:N	1:38:A:GLU:CA	1:38:A:GLU:C	3	2.47
(1,83)	1:63:A:ILE:N	1:63:A:ILE:CA	1:63:A:ILE:C	1:64:A:LYS:N	11	2.45
(1,37)	1:37:A:LEU:N	1:37:A:LEU:CA	1:37:A:LEU:C	1:38:A:GLU:N	12	2.45
(1,121)	1:106:A:ASP:C	1:107:A:LEU:N	1:107:A:LEU:CA	1:107:A:LEU:C	14	2.44
(1,120)	1:106:A:ASP:N	1:106:A:ASP:CA	1:106:A:ASP:C	1:107:A:LEU:N	17	2.44
(1,135)	1:115:A:ALA:N	1:115:A:ALA:CA	1:115:A:ALA:C	1:116:A:GLN:N	3	2.43
(1,84)	1:63:A:ILE:C	1:64:A:LYS:N	1:64:A:LYS:CA	1:64:A:LYS:C	11	2.42
(1,5)	1:10:A:ASN:C	1:11:A:ILE:N	1:11:A:ILE:CA	1:11:A:ILE:C	5	2.42
(1,115)	1:103:A:ARG:C	1:104:A:PHE:N	1:104:A:PHE:CA	1:104:A:PHE:C	13	2.41
(1,31)	1:26:A:ASP:C	1:27:A:ARG:N	1:27:A:ARG:CA	1:27:A:ARG:C	1	2.41
(1,81)	1:62:A:HIS:N	1:62:A:HIS:CA	1:62:A:HIS:C	1:63:A:ILE:N	15	2.4
(1,137)	1:116:A:GLN:N	1:116:A:GLN:CA	1:116:A:GLN:C	1:117:A:VAL:N	2	2.39
(1,9)	1:12:A:VAL:C	1:13:A:ALA:N	1:13:A:ALA:CA	1:13:A:ALA:C	6	2.39
(1,110)	1:97:A:ASP:C	1:98:A:ILE:N	1:98:A:ILE:CA	1:98:A:ILE:C	16	2.38
(1,173)	1:140:A:LEU:N	1:140:A:LEU:CA	1:140:A:LEU:C	1:141:A:LYS:N	11	2.36
(1,121)	1:106:A:ASP:C	1:107:A:LEU:N	1:107:A:LEU:CA	1:107:A:LEU:C	13	2.35
(1,121)	1:106:A:ASP:C	1:107:A:LEU:N	1:107:A:LEU:CA	1:107:A:LEU:C	18	2.35
(1,116)	1:104:A:PHE:N	1:104:A:PHE:CA	1:104:A:PHE:C	1:105:A:LYS:N	16	2.35
(1,103)	1:75:A:GLY:N	1:75:A:GLY:CA	1:75:A:GLY:C	1:76:A:ARG:N	19	2.35
(1,98)	1:72:A:PHE:N	1:72:A:PHE:CA	1:72:A:PHE:C	1:73:A:ILE:N	19	2.34
(1,88)	1:67:A:PRO:N	1:67:A:PRO:CA	1:67:A:PRO:C	1:68:A:LYS:N	3	2.33
(1,81)	1:62:A:HIS:N	1:62:A:HIS:CA	1:62:A:HIS:C	1:63:A:ILE:N	9	2.33
(1,38)	1:37:A:LEU:C	1:38:A:GLU:N	1:38:A:GLU:CA	1:38:A:GLU:C	4	2.33
(1,35)	1:36:A:PRO:N	1:36:A:PRO:CA	1:36:A:PRO:C	1:37:A:LEU:N	13	2.33
(1,32)	1:27:A:ARG:N	1:27:A:ARG:CA	1:27:A:ARG:C	1:28:A:GLY:N	7	2.32
(1,121)	1:106:A:ASP:C	1:107:A:LEU:N	1:107:A:LEU:CA	1:107:A:LEU:C	4	2.31
(1,108)	1:96:A:VAL:C	1:97:A:ASP:N	1:97:A:ASP:CA	1:97:A:ASP:C	3	2.31
(1,81)	1:62:A:HIS:N	1:62:A:HIS:CA	1:62:A:HIS:C	1:63:A:ILE:N	7	2.31
(1,98)	1:72:A:PHE:N	1:72:A:PHE:CA	1:72:A:PHE:C	1:73:A:ILE:N	8	2.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Atom-3	Atom-4	Model ID	Violation (°)
(1,135)	1:115:A:ALA:N	1:115:A:ALA:CA	1:115:A:ALA:C	1:116:A:GLN:N	8	2.28
(1,32)	1:27:A:ARG:N	1:27:A:ARG:CA	1:27:A:ARG:C	1:28:A:GLY:N	14	2.28
(1,170)	1:138:A:ASP:C	1:139:A:LEU:N	1:139:A:LEU:CA	1:139:A:LEU:C	7	2.27
(1,34)	1:35:A:LEU:N	1:35:A:LEU:CA	1:35:A:LEU:C	1:36:A:PRO:N	14	2.27
(1,174)	1:140:A:LEU:C	1:141:A:LYS:N	1:141:A:LYS:CA	1:141:A:LYS:C	12	2.26
(1,40)	1:38:A:GLU:C	1:39:A:VAL:N	1:39:A:VAL:CA	1:39:A:VAL:C	16	2.26
(1,37)	1:37:A:LEU:N	1:37:A:LEU:CA	1:37:A:LEU:C	1:38:A:GLU:N	10	2.26
(1,37)	1:37:A:LEU:N	1:37:A:LEU:CA	1:37:A:LEU:C	1:38:A:GLU:N	6	2.24
(1,25)	1:23:A:LEU:C	1:24:A:ASP:N	1:24:A:ASP:CA	1:24:A:ASP:C	11	2.24
(1,163)	1:133:A:ASN:N	1:133:A:ASN:CA	1:133:A:ASN:C	1:134:A:VAL:N	12	2.22
(1,137)	1:116:A:GLN:N	1:116:A:GLN:CA	1:116:A:GLN:C	1:117:A:VAL:N	15	2.22
(1,116)	1:104:A:PHE:N	1:104:A:PHE:CA	1:104:A:PHE:C	1:105:A:LYS:N	3	2.22
(1,96)	1:71:A:LYS:N	1:71:A:LYS:CA	1:71:A:LYS:C	1:72:A:PHE:N	5	2.2
(1,179)	1:143:A:TRP:N	1:143:A:TRP:CA	1:143:A:TRP:C	1:144:A:LEU:N	5	2.19
(1,115)	1:103:A:ARG:C	1:104:A:PHE:N	1:104:A:PHE:CA	1:104:A:PHE:C	17	2.19
(1,110)	1:97:A:ASP:C	1:98:A:ILE:N	1:98:A:ILE:CA	1:98:A:ILE:C	3	2.19
(1,154)	1:128:A:LEU:C	1:129:A:LYS:N	1:129:A:LYS:CA	1:129:A:LYS:C	7	2.17
(1,135)	1:115:A:ALA:N	1:115:A:ALA:CA	1:115:A:ALA:C	1:116:A:GLN:N	16	2.17
(1,88)	1:67:A:PRO:N	1:67:A:PRO:CA	1:67:A:PRO:C	1:68:A:LYS:N	17	2.15
(1,32)	1:27:A:ARG:N	1:27:A:ARG:CA	1:27:A:ARG:C	1:28:A:GLY:N	15	2.15
(1,146)	1:123:A:CYS:C	1:124:A:THR:N	1:124:A:THR:CA	1:124:A:THR:C	17	2.14
(1,101)	1:74:A:PRO:N	1:74:A:PRO:CA	1:74:A:PRO:C	1:75:A:GLY:N	1	2.14
(1,164)	1:133:A:ASN:C	1:134:A:VAL:N	1:134:A:VAL:CA	1:134:A:VAL:C	18	2.11
(1,43)	1:40:A:LEU:N	1:40:A:LEU:CA	1:40:A:LEU:C	1:41:A:LYS:N	8	2.11
(1,167)	1:137:A:SER:N	1:137:A:SER:CA	1:137:A:SER:C	1:138:A:ASP:N	7	2.1
(1,135)	1:115:A:ALA:N	1:115:A:ALA:CA	1:115:A:ALA:C	1:116:A:GLN:N	1	2.1
(1,40)	1:38:A:GLU:C	1:39:A:VAL:N	1:39:A:VAL:CA	1:39:A:VAL:C	4	2.09
(1,85)	1:64:A:LYS:N	1:64:A:LYS:CA	1:64:A:LYS:C	1:65:A:CYS:N	19	2.08
(1,103)	1:75:A:GLY:N	1:75:A:GLY:CA	1:75:A:GLY:C	1:76:A:ARG:N	16	2.07
(1,160)	1:131:A:LEU:C	1:132:A:ALA:N	1:132:A:ALA:CA	1:132:A:ALA:C	2	2.06
(1,84)	1:63:A:ILE:C	1:64:A:LYS:N	1:64:A:LYS:CA	1:64:A:LYS:C	16	2.06
(1,32)	1:27:A:ARG:N	1:27:A:ARG:CA	1:27:A:ARG:C	1:28:A:GLY:N	2	2.06
(1,25)	1:23:A:LEU:C	1:24:A:ASP:N	1:24:A:ASP:CA	1:24:A:ASP:C	17	2.04
(1,9)	1:12:A:VAL:C	1:13:A:ALA:N	1:13:A:ALA:CA	1:13:A:ALA:C	1	2.04
(1,40)	1:38:A:GLU:C	1:39:A:VAL:N	1:39:A:VAL:CA	1:39:A:VAL:C	11	2.03
(1,147)	1:124:A:THR:N	1:124:A:THR:CA	1:124:A:THR:C	1:125:A:THR:N	13	2.02
(1,106)	1:77:A:CYS:C	1:78:A:HIS:N	1:78:A:HIS:CA	1:78:A:HIS:C	1	2.01
(1,93)	1:69:A:MET:C	1:70:A:LYS:N	1:70:A:LYS:CA	1:70:A:LYS:C	15	2.01
(1,140)	1:117:A:VAL:C	1:118:A:ASP:N	1:118:A:ASP:CA	1:118:A:ASP:C	15	2.0
(1,83)	1:63:A:ILE:N	1:63:A:ILE:CA	1:63:A:ILE:C	1:64:A:LYS:N	17	1.98
(1,81)	1:62:A:HIS:N	1:62:A:HIS:CA	1:62:A:HIS:C	1:63:A:ILE:N	16	1.98
(1,37)	1:37:A:LEU:N	1:37:A:LEU:CA	1:37:A:LEU:C	1:38:A:GLU:N	2	1.98
(1,7)	1:11:A:ILE:C	1:12:A:VAL:N	1:12:A:VAL:CA	1:12:A:VAL:C	6	1.98
(1,32)	1:27:A:ARG:N	1:27:A:ARG:CA	1:27:A:ARG:C	1:28:A:GLY:N	8	1.97
(1,177)	1:142:A:LYS:N	1:142:A:LYS:CA	1:142:A:LYS:C	1:143:A:TRP:N	12	1.96
(1,163)	1:133:A:ASN:N	1:133:A:ASN:CA	1:133:A:ASN:C	1:134:A:VAL:N	10	1.95
(1,116)	1:104:A:PHE:N	1:104:A:PHE:CA	1:104:A:PHE:C	1:105:A:LYS:N	6	1.95
(1,105)	1:77:A:CYS:N	1:77:A:CYS:CA	1:77:A:CYS:C	1:78:A:HIS:N	7	1.95
(1,84)	1:63:A:ILE:C	1:64:A:LYS:N	1:64:A:LYS:CA	1:64:A:LYS:C	6	1.95
(1,153)	1:128:A:LEU:N	1:128:A:LEU:CA	1:128:A:LEU:C	1:129:A:LYS:N	13	1.94
(1,32)	1:27:A:ARG:N	1:27:A:ARG:CA	1:27:A:ARG:C	1:28:A:GLY:N	5	1.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Atom-3	Atom-4	Model ID	Violation (°)
(1,179)	1:143:A:TRP:N	1:143:A:TRP:CA	1:143:A:TRP:C	1:144:A:LEU:N	7	1.91
(1,113)	1:102:A:PRO:C	1:103:A:ARG:N	1:103:A:ARG:CA	1:103:A:ARG:C	2	1.91
(1,9)	1:12:A:VAL:C	1:13:A:ALA:N	1:13:A:ALA:CA	1:13:A:ALA:C	17	1.88
(1,183)	1:148:A:CYS:N	1:148:A:CYS:CA	1:148:A:CYS:C	1:149:A:ALA:N	13	1.87
(1,83)	1:63:A:ILE:N	1:63:A:ILE:CA	1:63:A:ILE:C	1:64:A:LYS:N	1	1.87
(1,93)	1:69:A:MET:C	1:70:A:LYS:N	1:70:A:LYS:CA	1:70:A:LYS:C	11	1.86
(1,174)	1:140:A:LEU:C	1:141:A:LYS:N	1:141:A:LYS:CA	1:141:A:LYS:C	7	1.85
(1,163)	1:133:A:ASN:N	1:133:A:ASN:CA	1:133:A:ASN:C	1:134:A:VAL:N	1	1.85
(1,135)	1:115:A:ALA:N	1:115:A:ALA:CA	1:115:A:ALA:C	1:116:A:GLN:N	4	1.84
(1,165)	1:134:A:VAL:N	1:134:A:VAL:CA	1:134:A:VAL:C	1:135:A:GLN:N	2	1.83
(1,135)	1:115:A:ALA:N	1:115:A:ALA:CA	1:115:A:ALA:C	1:116:A:GLN:N	18	1.82
(1,95)	1:70:A:LYS:C	1:71:A:LYS:N	1:71:A:LYS:CA	1:71:A:LYS:C	11	1.81
(1,164)	1:133:A:ASN:C	1:134:A:VAL:N	1:134:A:VAL:CA	1:134:A:VAL:C	3	1.8
(1,146)	1:123:A:CYS:C	1:124:A:THR:N	1:124:A:THR:CA	1:124:A:THR:C	13	1.8
(1,144)	1:122:A:ASP:C	1:123:A:CYS:N	1:123:A:CYS:CA	1:123:A:CYS:C	15	1.8
(1,135)	1:115:A:ALA:N	1:115:A:ALA:CA	1:115:A:ALA:C	1:116:A:GLN:N	10	1.79
(1,31)	1:26:A:ASP:C	1:27:A:ARG:N	1:27:A:ARG:CA	1:27:A:ARG:C	11	1.79
(1,170)	1:138:A:ASP:C	1:139:A:LEU:N	1:139:A:LEU:CA	1:139:A:LEU:C	12	1.77
(1,178)	1:142:A:LYS:C	1:143:A:TRP:N	1:143:A:TRP:CA	1:143:A:TRP:C	7	1.76
(1,104)	1:76:A:ARG:C	1:77:A:CYS:N	1:77:A:CYS:CA	1:77:A:CYS:C	18	1.76
(1,96)	1:71:A:LYS:N	1:71:A:LYS:CA	1:71:A:LYS:C	1:72:A:PHE:N	19	1.76
(1,95)	1:70:A:LYS:C	1:71:A:LYS:N	1:71:A:LYS:CA	1:71:A:LYS:C	7	1.76
(1,40)	1:38:A:GLU:C	1:39:A:VAL:N	1:39:A:VAL:CA	1:39:A:VAL:C	17	1.76
(1,81)	1:62:A:HIS:N	1:62:A:HIS:CA	1:62:A:HIS:C	1:63:A:ILE:N	3	1.75
(1,170)	1:138:A:ASP:C	1:139:A:LEU:N	1:139:A:LEU:CA	1:139:A:LEU:C	6	1.74
(1,158)	1:130:A:GLY:C	1:131:A:LEU:N	1:131:A:LEU:CA	1:131:A:LEU:C	2	1.74
(1,109)	1:97:A:ASP:N	1:97:A:ASP:CA	1:97:A:ASP:C	1:98:A:ILE:N	3	1.74
(1,101)	1:74:A:PRO:N	1:74:A:PRO:CA	1:74:A:PRO:C	1:75:A:GLY:N	15	1.74
(1,114)	1:103:A:ARG:N	1:103:A:ARG:CA	1:103:A:ARG:C	1:104:A:PHE:N	4	1.73
(1,81)	1:62:A:HIS:N	1:62:A:HIS:CA	1:62:A:HIS:C	1:63:A:ILE:N	8	1.73
(1,81)	1:62:A:HIS:N	1:62:A:HIS:CA	1:62:A:HIS:C	1:63:A:ILE:N	14	1.73
(1,146)	1:123:A:CYS:C	1:124:A:THR:N	1:124:A:THR:CA	1:124:A:THR:C	10	1.72
(1,133)	1:114:A:ILE:N	1:114:A:ILE:CA	1:114:A:ILE:C	1:115:A:ALA:N	15	1.72
(1,114)	1:103:A:ARG:N	1:103:A:ARG:CA	1:103:A:ARG:C	1:104:A:PHE:N	9	1.72
(1,109)	1:97:A:ASP:N	1:97:A:ASP:CA	1:97:A:ASP:C	1:98:A:ILE:N	5	1.72
(1,81)	1:62:A:HIS:N	1:62:A:HIS:CA	1:62:A:HIS:C	1:63:A:ILE:N	17	1.72
(1,63)	1:50:A:ALA:N	1:50:A:ALA:CA	1:50:A:ALA:C	1:51:A:GLY:N	2	1.72
(1,63)	1:50:A:ALA:N	1:50:A:ALA:CA	1:50:A:ALA:C	1:51:A:GLY:N	13	1.72
(1,81)	1:62:A:HIS:N	1:62:A:HIS:CA	1:62:A:HIS:C	1:63:A:ILE:N	4	1.71
(1,7)	1:11:A:ILE:C	1:12:A:VAL:N	1:12:A:VAL:CA	1:12:A:VAL:C	4	1.71
(1,145)	1:123:A:CYS:N	1:123:A:CYS:CA	1:123:A:CYS:C	1:124:A:THR:N	17	1.7
(1,123)	1:109:A:PRO:N	1:109:A:PRO:CA	1:109:A:PRO:C	1:110:A:MET:N	1	1.7
(1,116)	1:104:A:PHE:N	1:104:A:PHE:CA	1:104:A:PHE:C	1:105:A:LYS:N	8	1.7
(1,92)	1:69:A:MET:N	1:69:A:MET:CA	1:69:A:MET:C	1:70:A:LYS:N	7	1.7
(1,84)	1:63:A:ILE:C	1:64:A:LYS:N	1:64:A:LYS:CA	1:64:A:LYS:C	10	1.7
(1,49)	1:43:A:MET:N	1:43:A:MET:CA	1:43:A:MET:C	1:44:A:GLU:N	8	1.7
(1,41)	1:39:A:VAL:N	1:39:A:VAL:CA	1:39:A:VAL:C	1:40:A:LEU:N	14	1.7
(1,19)	1:17:A:ASN:C	1:18:A:PHE:N	1:18:A:PHE:CA	1:18:A:PHE:C	4	1.69
(1,169)	1:138:A:ASP:N	1:138:A:ASP:CA	1:138:A:ASP:C	1:139:A:LEU:N	11	1.68
(1,31)	1:26:A:ASP:C	1:27:A:ARG:N	1:27:A:ARG:CA	1:27:A:ARG:C	3	1.68
(1,177)	1:142:A:LYS:N	1:142:A:LYS:CA	1:142:A:LYS:C	1:143:A:TRP:N	11	1.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Atom-3	Atom-4	Model ID	Violation (°)
(1,160)	1:131:A:LEU:C	1:132:A:ALA:N	1:132:A:ALA:CA	1:132:A:ALA:C	18	1.67
(1,154)	1:128:A:LEU:C	1:129:A:LYS:N	1:129:A:LYS:CA	1:129:A:LYS:C	13	1.67
(1,32)	1:27:A:ARG:N	1:27:A:ARG:CA	1:27:A:ARG:C	1:28:A:GLY:N	18	1.67
(1,179)	1:143:A:TRP:N	1:143:A:TRP:CA	1:143:A:TRP:C	1:144:A:LEU:N	10	1.65
(1,125)	1:110:A:MET:N	1:110:A:MET:CA	1:110:A:MET:C	1:111:A:GLU:N	7	1.64
(1,120)	1:106:A:ASP:N	1:106:A:ASP:CA	1:106:A:ASP:C	1:107:A:LEU:N	4	1.64
(1,94)	1:70:A:LYS:N	1:70:A:LYS:CA	1:70:A:LYS:C	1:71:A:LYS:N	11	1.64
(1,121)	1:106:A:ASP:C	1:107:A:LEU:N	1:107:A:LEU:CA	1:107:A:LEU:C	3	1.63
(1,105)	1:77:A:CYS:N	1:77:A:CYS:CA	1:77:A:CYS:C	1:78:A:HIS:N	1	1.63
(1,63)	1:50:A:ALA:N	1:50:A:ALA:CA	1:50:A:ALA:C	1:51:A:GLY:N	17	1.63
(1,32)	1:27:A:ARG:N	1:27:A:ARG:CA	1:27:A:ARG:C	1:28:A:GLY:N	19	1.63
(1,177)	1:142:A:LYS:N	1:142:A:LYS:CA	1:142:A:LYS:C	1:143:A:TRP:N	8	1.62
(1,129)	1:112:A:GLN:N	1:112:A:GLN:CA	1:112:A:GLN:C	1:113:A:PHE:N	8	1.62
(1,169)	1:138:A:ASP:N	1:138:A:ASP:CA	1:138:A:ASP:C	1:139:A:LEU:N	4	1.61
(1,41)	1:39:A:VAL:N	1:39:A:VAL:CA	1:39:A:VAL:C	1:40:A:LEU:N	1	1.61
(1,123)	1:109:A:PRO:N	1:109:A:PRO:CA	1:109:A:PRO:C	1:110:A:MET:N	17	1.6
(1,84)	1:63:A:ILE:C	1:64:A:LYS:N	1:64:A:LYS:CA	1:64:A:LYS:C	4	1.6
(1,84)	1:63:A:ILE:C	1:64:A:LYS:N	1:64:A:LYS:CA	1:64:A:LYS:C	8	1.6
(1,62)	1:49:A:LYS:C	1:50:A:ALA:N	1:50:A:ALA:CA	1:50:A:ALA:C	2	1.6
(1,146)	1:123:A:CYS:C	1:124:A:THR:N	1:124:A:THR:CA	1:124:A:THR:C	6	1.59
(1,81)	1:62:A:HIS:N	1:62:A:HIS:CA	1:62:A:HIS:C	1:63:A:ILE:N	1	1.59
(1,63)	1:50:A:ALA:N	1:50:A:ALA:CA	1:50:A:ALA:C	1:51:A:GLY:N	16	1.59
(1,32)	1:27:A:ARG:N	1:27:A:ARG:CA	1:27:A:ARG:C	1:28:A:GLY:N	10	1.59
(1,81)	1:62:A:HIS:N	1:62:A:HIS:CA	1:62:A:HIS:C	1:63:A:ILE:N	11	1.58
(1,40)	1:38:A:GLU:C	1:39:A:VAL:N	1:39:A:VAL:CA	1:39:A:VAL:C	14	1.58
(1,173)	1:140:A:LEU:N	1:140:A:LEU:CA	1:140:A:LEU:C	1:141:A:LYS:N	10	1.57
(1,147)	1:124:A:THR:N	1:124:A:THR:CA	1:124:A:THR:C	1:125:A:THR:N	6	1.57
(1,81)	1:62:A:HIS:N	1:62:A:HIS:CA	1:62:A:HIS:C	1:63:A:ILE:N	18	1.56
(1,170)	1:138:A:ASP:C	1:139:A:LEU:N	1:139:A:LEU:CA	1:139:A:LEU:C	4	1.55
(1,40)	1:38:A:GLU:C	1:39:A:VAL:N	1:39:A:VAL:CA	1:39:A:VAL:C	13	1.55
(1,175)	1:141:A:LYS:N	1:141:A:LYS:CA	1:141:A:LYS:C	1:142:A:LYS:N	10	1.54
(1,145)	1:123:A:CYS:N	1:123:A:CYS:CA	1:123:A:CYS:C	1:124:A:THR:N	13	1.53
(1,114)	1:103:A:ARG:N	1:103:A:ARG:CA	1:103:A:ARG:C	1:104:A:PHE:N	12	1.53
(1,24)	1:23:A:LEU:N	1:23:A:LEU:CA	1:23:A:LEU:C	1:24:A:ASP:N	3	1.53
(1,160)	1:131:A:LEU:C	1:132:A:ALA:N	1:132:A:ALA:CA	1:132:A:ALA:C	7	1.52
(1,121)	1:106:A:ASP:C	1:107:A:LEU:N	1:107:A:LEU:CA	1:107:A:LEU:C	11	1.52
(1,104)	1:76:A:ARG:C	1:77:A:CYS:N	1:77:A:CYS:CA	1:77:A:CYS:C	13	1.52
(1,63)	1:50:A:ALA:N	1:50:A:ALA:CA	1:50:A:ALA:C	1:51:A:GLY:N	19	1.52
(1,32)	1:27:A:ARG:N	1:27:A:ARG:CA	1:27:A:ARG:C	1:28:A:GLY:N	12	1.52
(1,163)	1:133:A:ASN:N	1:133:A:ASN:CA	1:133:A:ASN:C	1:134:A:VAL:N	16	1.51
(1,81)	1:62:A:HIS:N	1:62:A:HIS:CA	1:62:A:HIS:C	1:63:A:ILE:N	5	1.51
(1,81)	1:62:A:HIS:N	1:62:A:HIS:CA	1:62:A:HIS:C	1:63:A:ILE:N	10	1.51
(1,5)	1:10:A:ASN:C	1:11:A:ILE:N	1:11:A:ILE:CA	1:11:A:ILE:C	1	1.51
(1,181)	1:144:A:LEU:N	1:144:A:LEU:CA	1:144:A:LEU:C	1:145:A:PRO:N	1	1.5
(1,143)	1:122:A:ASP:N	1:122:A:ASP:CA	1:122:A:ASP:C	1:123:A:CYS:N	16	1.5
(1,88)	1:67:A:PRO:N	1:67:A:PRO:CA	1:67:A:PRO:C	1:68:A:LYS:N	11	1.5
(1,11)	1:13:A:ALA:C	1:14:A:VAL:N	1:14:A:VAL:CA	1:14:A:VAL:C	1	1.5
(1,163)	1:133:A:ASN:N	1:133:A:ASN:CA	1:133:A:ASN:C	1:134:A:VAL:N	9	1.49
(1,130)	1:112:A:GLN:C	1:113:A:PHE:N	1:113:A:PHE:CA	1:113:A:PHE:C	4	1.49
(1,125)	1:110:A:MET:N	1:110:A:MET:CA	1:110:A:MET:C	1:111:A:GLU:N	14	1.49
(1,106)	1:77:A:CYS:C	1:78:A:HIS:N	1:78:A:HIS:CA	1:78:A:HIS:C	7	1.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Atom-3	Atom-4	Model ID	Violation (°)
(1,103)	1:75:A:GLY:N	1:75:A:GLY:CA	1:75:A:GLY:C	1:76:A:ARG:N	10	1.49
(1,63)	1:50:A:ALA:N	1:50:A:ALA:CA	1:50:A:ALA:C	1:51:A:GLY:N	14	1.49
(1,145)	1:123:A:CYS:N	1:123:A:CYS:CA	1:123:A:CYS:C	1:124:A:THR:N	10	1.48
(1,125)	1:110:A:MET:N	1:110:A:MET:CA	1:110:A:MET:C	1:111:A:GLU:N	15	1.48
(1,103)	1:75:A:GLY:N	1:75:A:GLY:CA	1:75:A:GLY:C	1:76:A:ARG:N	12	1.48
(1,19)	1:17:A:ASN:C	1:18:A:PHE:N	1:18:A:PHE:CA	1:18:A:PHE:C	2	1.48
(1,182)	1:147:A:ARG:C	1:148:A:CYS:N	1:148:A:CYS:CA	1:148:A:CYS:C	10	1.46
(1,63)	1:50:A:ALA:N	1:50:A:ALA:CA	1:50:A:ALA:C	1:51:A:GLY:N	9	1.46
(1,32)	1:27:A:ARG:N	1:27:A:ARG:CA	1:27:A:ARG:C	1:28:A:GLY:N	9	1.46
(1,154)	1:128:A:LEU:C	1:129:A:LYS:N	1:129:A:LYS:CA	1:129:A:LYS:C	3	1.45
(1,44)	1:40:A:LEU:C	1:41:A:LYS:N	1:41:A:LYS:CA	1:41:A:LYS:C	3	1.45
(1,106)	1:77:A:CYS:C	1:78:A:HIS:N	1:78:A:HIS:CA	1:78:A:HIS:C	10	1.44
(1,55)	1:46:A:ASN:N	1:46:A:ASN:CA	1:46:A:ASN:C	1:47:A:ALA:N	16	1.44
(1,41)	1:39:A:VAL:N	1:39:A:VAL:CA	1:39:A:VAL:C	1:40:A:LEU:N	6	1.44
(1,164)	1:133:A:ASN:C	1:134:A:VAL:N	1:134:A:VAL:CA	1:134:A:VAL:C	14	1.43
(1,163)	1:133:A:ASN:N	1:133:A:ASN:CA	1:133:A:ASN:C	1:134:A:VAL:N	17	1.43
(1,125)	1:110:A:MET:N	1:110:A:MET:CA	1:110:A:MET:C	1:111:A:GLU:N	17	1.43
(1,95)	1:70:A:LYS:C	1:71:A:LYS:N	1:71:A:LYS:CA	1:71:A:LYS:C	16	1.43
(1,94)	1:70:A:LYS:N	1:70:A:LYS:CA	1:70:A:LYS:C	1:71:A:LYS:N	7	1.43
(1,32)	1:27:A:ARG:N	1:27:A:ARG:CA	1:27:A:ARG:C	1:28:A:GLY:N	16	1.43
(1,25)	1:23:A:LEU:C	1:24:A:ASP:N	1:24:A:ASP:CA	1:24:A:ASP:C	7	1.43
(1,177)	1:142:A:LYS:N	1:142:A:LYS:CA	1:142:A:LYS:C	1:143:A:TRP:N	4	1.42
(1,177)	1:142:A:LYS:N	1:142:A:LYS:CA	1:142:A:LYS:C	1:143:A:TRP:N	5	1.42
(1,130)	1:112:A:GLN:C	1:113:A:PHE:N	1:113:A:PHE:CA	1:113:A:PHE:C	9	1.42
(1,167)	1:137:A:SER:N	1:137:A:SER:CA	1:137:A:SER:C	1:138:A:ASP:N	14	1.41
(1,143)	1:122:A:ASP:N	1:122:A:ASP:CA	1:122:A:ASP:C	1:123:A:CYS:N	12	1.41
(1,63)	1:50:A:ALA:N	1:50:A:ALA:CA	1:50:A:ALA:C	1:51:A:GLY:N	5	1.41
(1,183)	1:148:A:CYS:N	1:148:A:CYS:CA	1:148:A:CYS:C	1:149:A:ALA:N	7	1.4
(1,164)	1:133:A:ASN:C	1:134:A:VAL:N	1:134:A:VAL:CA	1:134:A:VAL:C	11	1.4
(1,115)	1:103:A:ARG:C	1:104:A:PHE:N	1:104:A:PHE:CA	1:104:A:PHE:C	2	1.4
(1,89)	1:67:A:PRO:C	1:68:A:LYS:N	1:68:A:LYS:CA	1:68:A:LYS:C	17	1.4
(1,86)	1:64:A:LYS:C	1:65:A:CYS:N	1:65:A:CYS:CA	1:65:A:CYS:C	19	1.4
(1,153)	1:128:A:LEU:N	1:128:A:LEU:CA	1:128:A:LEU:C	1:129:A:LYS:N	18	1.39
(1,103)	1:75:A:GLY:N	1:75:A:GLY:CA	1:75:A:GLY:C	1:76:A:ARG:N	13	1.38
(1,81)	1:62:A:HIS:N	1:62:A:HIS:CA	1:62:A:HIS:C	1:63:A:ILE:N	13	1.38
(1,63)	1:50:A:ALA:N	1:50:A:ALA:CA	1:50:A:ALA:C	1:51:A:GLY:N	7	1.38
(1,63)	1:50:A:ALA:N	1:50:A:ALA:CA	1:50:A:ALA:C	1:51:A:GLY:N	18	1.38
(1,59)	1:48:A:ARG:N	1:48:A:ARG:CA	1:48:A:ARG:C	1:49:A:LYS:N	15	1.38
(1,32)	1:27:A:ARG:N	1:27:A:ARG:CA	1:27:A:ARG:C	1:28:A:GLY:N	6	1.38
(1,127)	1:111:A:GLU:N	1:111:A:GLU:CA	1:111:A:GLU:C	1:112:A:GLN:N	5	1.37
(1,169)	1:138:A:ASP:N	1:138:A:ASP:CA	1:138:A:ASP:C	1:139:A:LEU:N	12	1.36
(1,143)	1:122:A:ASP:N	1:122:A:ASP:CA	1:122:A:ASP:C	1:123:A:CYS:N	7	1.36
(1,129)	1:112:A:GLN:N	1:112:A:GLN:CA	1:112:A:GLN:C	1:113:A:PHE:N	1	1.36
(1,94)	1:70:A:LYS:N	1:70:A:LYS:CA	1:70:A:LYS:C	1:71:A:LYS:N	19	1.36
(1,84)	1:63:A:ILE:C	1:64:A:LYS:N	1:64:A:LYS:CA	1:64:A:LYS:C	18	1.36
(1,63)	1:50:A:ALA:N	1:50:A:ALA:CA	1:50:A:ALA:C	1:51:A:GLY:N	1	1.36
(1,63)	1:50:A:ALA:N	1:50:A:ALA:CA	1:50:A:ALA:C	1:51:A:GLY:N	6	1.36
(1,40)	1:38:A:GLU:C	1:39:A:VAL:N	1:39:A:VAL:CA	1:39:A:VAL:C	5	1.36
(1,142)	1:121:A:VAL:C	1:122:A:ASP:N	1:122:A:ASP:CA	1:122:A:ASP:C	11	1.35
(1,115)	1:103:A:ARG:C	1:104:A:PHE:N	1:104:A:PHE:CA	1:104:A:PHE:C	1	1.35
(1,63)	1:50:A:ALA:N	1:50:A:ALA:CA	1:50:A:ALA:C	1:51:A:GLY:N	11	1.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Atom-3	Atom-4	Model ID	Violation (°)
(1,31)	1:26:A:ASP:C	1:27:A:ARG:N	1:27:A:ARG:CA	1:27:A:ARG:C	8	1.35
(1,175)	1:141:A:LYS:N	1:141:A:LYS:CA	1:141:A:LYS:C	1:142:A:LYS:N	8	1.34
(1,90)	1:68:A:LYS:N	1:68:A:LYS:CA	1:68:A:LYS:C	1:69:A:MET:N	19	1.34
(1,88)	1:67:A:PRO:N	1:67:A:PRO:CA	1:67:A:PRO:C	1:68:A:LYS:N	4	1.33
(1,63)	1:50:A:ALA:N	1:50:A:ALA:CA	1:50:A:ALA:C	1:51:A:GLY:N	3	1.33
(1,9)	1:12:A:VAL:C	1:13:A:ALA:N	1:13:A:ALA:CA	1:13:A:ALA:C	10	1.33
(1,175)	1:141:A:LYS:N	1:141:A:LYS:CA	1:141:A:LYS:C	1:142:A:LYS:N	14	1.32
(1,143)	1:122:A:ASP:N	1:122:A:ASP:CA	1:122:A:ASP:C	1:123:A:CYS:N	2	1.32
(1,164)	1:133:A:ASN:C	1:134:A:VAL:N	1:134:A:VAL:CA	1:134:A:VAL:C	4	1.31
(1,103)	1:75:A:GLY:N	1:75:A:GLY:CA	1:75:A:GLY:C	1:76:A:ARG:N	3	1.31
(1,103)	1:75:A:GLY:N	1:75:A:GLY:CA	1:75:A:GLY:C	1:76:A:ARG:N	6	1.31
(1,164)	1:133:A:ASN:C	1:134:A:VAL:N	1:134:A:VAL:CA	1:134:A:VAL:C	5	1.3
(1,83)	1:63:A:ILE:N	1:63:A:ILE:CA	1:63:A:ILE:C	1:64:A:LYS:N	16	1.3
(1,51)	1:44:A:GLU:N	1:44:A:GLU:CA	1:44:A:GLU:C	1:45:A:ALA:N	15	1.3
(1,32)	1:27:A:ARG:N	1:27:A:ARG:CA	1:27:A:ARG:C	1:28:A:GLY:N	3	1.3
(1,19)	1:17:A:ASN:C	1:18:A:PHE:N	1:18:A:PHE:CA	1:18:A:PHE:C	15	1.3
(1,129)	1:112:A:GLN:N	1:112:A:GLN:CA	1:112:A:GLN:C	1:113:A:PHE:N	17	1.29
(1,85)	1:64:A:LYS:N	1:64:A:LYS:CA	1:64:A:LYS:C	1:65:A:CYS:N	15	1.29
(1,63)	1:50:A:ALA:N	1:50:A:ALA:CA	1:50:A:ALA:C	1:51:A:GLY:N	10	1.29
(1,177)	1:142:A:LYS:N	1:142:A:LYS:CA	1:142:A:LYS:C	1:143:A:TRP:N	13	1.28
(1,174)	1:140:A:LEU:C	1:141:A:LYS:N	1:141:A:LYS:CA	1:141:A:LYS:C	10	1.28
(1,85)	1:64:A:LYS:N	1:64:A:LYS:CA	1:64:A:LYS:C	1:65:A:CYS:N	7	1.28
(1,48)	1:42:A:GLU:C	1:43:A:MET:N	1:43:A:MET:CA	1:43:A:MET:C	8	1.28
(1,154)	1:128:A:LEU:C	1:129:A:LYS:N	1:129:A:LYS:CA	1:129:A:LYS:C	4	1.27
(1,144)	1:122:A:ASP:C	1:123:A:CYS:N	1:123:A:CYS:CA	1:123:A:CYS:C	4	1.27
(1,84)	1:63:A:ILE:C	1:64:A:LYS:N	1:64:A:LYS:CA	1:64:A:LYS:C	15	1.27
(1,84)	1:63:A:ILE:C	1:64:A:LYS:N	1:64:A:LYS:CA	1:64:A:LYS:C	17	1.27
(1,103)	1:75:A:GLY:N	1:75:A:GLY:CA	1:75:A:GLY:C	1:76:A:ARG:N	4	1.26
(1,19)	1:17:A:ASN:C	1:18:A:PHE:N	1:18:A:PHE:CA	1:18:A:PHE:C	5	1.26
(1,63)	1:50:A:ALA:N	1:50:A:ALA:CA	1:50:A:ALA:C	1:51:A:GLY:N	12	1.25
(1,153)	1:128:A:LEU:N	1:128:A:LEU:CA	1:128:A:LEU:C	1:129:A:LYS:N	1	1.24
(1,143)	1:122:A:ASP:N	1:122:A:ASP:CA	1:122:A:ASP:C	1:123:A:CYS:N	18	1.24
(1,140)	1:117:A:VAL:C	1:118:A:ASP:N	1:118:A:ASP:CA	1:118:A:ASP:C	4	1.23
(1,63)	1:50:A:ALA:N	1:50:A:ALA:CA	1:50:A:ALA:C	1:51:A:GLY:N	4	1.23
(1,32)	1:27:A:ARG:N	1:27:A:ARG:CA	1:27:A:ARG:C	1:28:A:GLY:N	11	1.23
(1,22)	1:20:A:THR:N	1:20:A:THR:CA	1:20:A:THR:C	1:21:A:THR:N	8	1.23
(1,12)	1:14:A:VAL:N	1:14:A:VAL:CA	1:14:A:VAL:C	1:15:A:ALA:N	11	1.23
(1,153)	1:128:A:LEU:N	1:128:A:LEU:CA	1:128:A:LEU:C	1:129:A:LYS:N	3	1.22
(1,147)	1:124:A:THR:N	1:124:A:THR:CA	1:124:A:THR:C	1:125:A:THR:N	9	1.22
(1,25)	1:23:A:LEU:C	1:24:A:ASP:N	1:24:A:ASP:CA	1:24:A:ASP:C	5	1.22
(1,183)	1:148:A:CYS:N	1:148:A:CYS:CA	1:148:A:CYS:C	1:149:A:ALA:N	19	1.21
(1,164)	1:133:A:ASN:C	1:134:A:VAL:N	1:134:A:VAL:CA	1:134:A:VAL:C	7	1.21
(1,104)	1:76:A:ARG:C	1:77:A:CYS:N	1:77:A:CYS:CA	1:77:A:CYS:C	4	1.21
(1,89)	1:67:A:PRO:C	1:68:A:LYS:N	1:68:A:LYS:CA	1:68:A:LYS:C	14	1.21
(1,38)	1:37:A:LEU:C	1:38:A:GLU:N	1:38:A:GLU:CA	1:38:A:GLU:C	10	1.21
(1,144)	1:122:A:ASP:C	1:123:A:CYS:N	1:123:A:CYS:CA	1:123:A:CYS:C	9	1.2
(1,115)	1:103:A:ARG:C	1:104:A:PHE:N	1:104:A:PHE:CA	1:104:A:PHE:C	15	1.2
(1,110)	1:97:A:ASP:C	1:98:A:ILE:N	1:98:A:ILE:CA	1:98:A:ILE:C	5	1.2
(1,110)	1:97:A:ASP:C	1:98:A:ILE:N	1:98:A:ILE:CA	1:98:A:ILE:C	8	1.2
(1,81)	1:62:A:HIS:N	1:62:A:HIS:CA	1:62:A:HIS:C	1:63:A:ILE:N	2	1.2
(1,31)	1:26:A:ASP:C	1:27:A:ARG:N	1:27:A:ARG:CA	1:27:A:ARG:C	17	1.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Atom-3	Atom-4	Model ID	Violation (°)
(1,20)	1:18:A:PHE:N	1:18:A:PHE:CA	1:18:A:PHE:C	1:19:A:ALA:N	8	1.19
(1,91)	1:68:A:LYS:C	1:69:A:MET:N	1:69:A:MET:CA	1:69:A:MET:C	10	1.18
(1,173)	1:140:A:LEU:N	1:140:A:LEU:CA	1:140:A:LEU:C	1:141:A:LYS:N	13	1.17
(1,81)	1:62:A:HIS:N	1:62:A:HIS:CA	1:62:A:HIS:C	1:63:A:ILE:N	6	1.17
(1,145)	1:123:A:CYS:N	1:123:A:CYS:CA	1:123:A:CYS:C	1:124:A:THR:N	18	1.16
(1,83)	1:63:A:ILE:N	1:63:A:ILE:CA	1:63:A:ILE:C	1:64:A:LYS:N	6	1.16
(1,75)	1:59:A:CYS:N	1:59:A:CYS:CA	1:59:A:CYS:C	1:60:A:LEU:N	14	1.16
(1,109)	1:97:A:ASP:N	1:97:A:ASP:CA	1:97:A:ASP:C	1:98:A:ILE:N	8	1.15
(1,102)	1:74:A:PRO:C	1:75:A:GLY:N	1:75:A:GLY:CA	1:75:A:GLY:C	11	1.15
(1,63)	1:50:A:ALA:N	1:50:A:ALA:CA	1:50:A:ALA:C	1:51:A:GLY:N	8	1.15
(1,48)	1:42:A:GLU:C	1:43:A:MET:N	1:43:A:MET:CA	1:43:A:MET:C	7	1.15
(1,147)	1:124:A:THR:N	1:124:A:THR:CA	1:124:A:THR:C	1:125:A:THR:N	18	1.14
(1,144)	1:122:A:ASP:C	1:123:A:CYS:N	1:123:A:CYS:CA	1:123:A:CYS:C	12	1.14
(1,125)	1:110:A:MET:N	1:110:A:MET:CA	1:110:A:MET:C	1:111:A:GLU:N	2	1.14
(1,25)	1:23:A:LEU:C	1:24:A:ASP:N	1:24:A:ASP:CA	1:24:A:ASP:C	8	1.14
(1,38)	1:37:A:LEU:C	1:38:A:GLU:N	1:38:A:GLU:CA	1:38:A:GLU:C	17	1.13
(1,5)	1:10:A:ASN:C	1:11:A:ILE:N	1:11:A:ILE:CA	1:11:A:ILE:C	12	1.13
(1,105)	1:77:A:CYS:N	1:77:A:CYS:CA	1:77:A:CYS:C	1:78:A:HIS:N	14	1.12
(1,94)	1:70:A:LYS:N	1:70:A:LYS:CA	1:70:A:LYS:C	1:71:A:LYS:N	4	1.12
(1,89)	1:67:A:PRO:C	1:68:A:LYS:N	1:68:A:LYS:CA	1:68:A:LYS:C	15	1.12
(1,116)	1:104:A:PHE:N	1:104:A:PHE:CA	1:104:A:PHE:C	1:105:A:LYS:N	10	1.11
(1,94)	1:70:A:LYS:N	1:70:A:LYS:CA	1:70:A:LYS:C	1:71:A:LYS:N	2	1.11
(1,10)	1:13:A:ALA:N	1:13:A:ALA:CA	1:13:A:ALA:C	1:14:A:VAL:N	9	1.11
(1,164)	1:133:A:ASN:C	1:134:A:VAL:N	1:134:A:VAL:CA	1:134:A:VAL:C	8	1.1
(1,84)	1:63:A:ILE:C	1:64:A:LYS:N	1:64:A:LYS:CA	1:64:A:LYS:C	9	1.1
(1,135)	1:115:A:ALA:N	1:115:A:ALA:CA	1:115:A:ALA:C	1:116:A:GLN:N	19	1.09
(1,101)	1:74:A:PRO:N	1:74:A:PRO:CA	1:74:A:PRO:C	1:75:A:GLY:N	17	1.09
(1,81)	1:62:A:HIS:N	1:62:A:HIS:CA	1:62:A:HIS:C	1:63:A:ILE:N	19	1.09
(1,52)	1:44:A:GLU:C	1:45:A:ALA:N	1:45:A:ALA:CA	1:45:A:ALA:C	15	1.09
(1,25)	1:23:A:LEU:C	1:24:A:ASP:N	1:24:A:ASP:CA	1:24:A:ASP:C	10	1.09
(1,163)	1:133:A:ASN:N	1:133:A:ASN:CA	1:133:A:ASN:C	1:134:A:VAL:N	6	1.08
(1,147)	1:124:A:THR:N	1:124:A:THR:CA	1:124:A:THR:C	1:125:A:THR:N	17	1.08
(1,114)	1:103:A:ARG:N	1:103:A:ARG:CA	1:103:A:ARG:C	1:104:A:PHE:N	19	1.08
(1,104)	1:76:A:ARG:C	1:77:A:CYS:N	1:77:A:CYS:CA	1:77:A:CYS:C	1	1.08
(1,102)	1:74:A:PRO:C	1:75:A:GLY:N	1:75:A:GLY:CA	1:75:A:GLY:C	17	1.08
(1,95)	1:70:A:LYS:C	1:71:A:LYS:N	1:71:A:LYS:CA	1:71:A:LYS:C	14	1.08
(1,181)	1:144:A:LEU:N	1:144:A:LEU:CA	1:144:A:LEU:C	1:145:A:PRO:N	4	1.07
(1,144)	1:122:A:ASP:C	1:123:A:CYS:N	1:123:A:CYS:CA	1:123:A:CYS:C	19	1.07
(1,115)	1:103:A:ARG:C	1:104:A:PHE:N	1:104:A:PHE:CA	1:104:A:PHE:C	6	1.07
(1,158)	1:130:A:GLY:C	1:131:A:LEU:N	1:131:A:LEU:CA	1:131:A:LEU:C	18	1.06
(1,40)	1:38:A:GLU:C	1:39:A:VAL:N	1:39:A:VAL:CA	1:39:A:VAL:C	15	1.06
(1,95)	1:70:A:LYS:C	1:71:A:LYS:N	1:71:A:LYS:CA	1:71:A:LYS:C	18	1.05
(1,168)	1:137:A:SER:C	1:138:A:ASP:N	1:138:A:ASP:CA	1:138:A:ASP:C	7	1.04
(1,123)	1:109:A:PRO:N	1:109:A:PRO:CA	1:109:A:PRO:C	1:110:A:MET:N	8	1.04
(1,98)	1:72:A:PHE:N	1:72:A:PHE:CA	1:72:A:PHE:C	1:73:A:ILE:N	17	1.04
(1,24)	1:23:A:LEU:N	1:23:A:LEU:CA	1:23:A:LEU:C	1:24:A:ASP:N	1	1.03
(1,170)	1:138:A:ASP:C	1:139:A:LEU:N	1:139:A:LEU:CA	1:139:A:LEU:C	11	1.02
(1,115)	1:103:A:ARG:C	1:104:A:PHE:N	1:104:A:PHE:CA	1:104:A:PHE:C	14	1.02
(1,85)	1:64:A:LYS:N	1:64:A:LYS:CA	1:64:A:LYS:C	1:65:A:CYS:N	12	1.02
(1,82)	1:62:A:HIS:C	1:63:A:ILE:N	1:63:A:ILE:CA	1:63:A:ILE:C	12	1.02
(1,19)	1:17:A:ASN:C	1:18:A:PHE:N	1:18:A:PHE:CA	1:18:A:PHE:C	10	1.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Atom-3	Atom-4	Model ID	Violation (°)
(1,177)	1:142:A:LYS:N	1:142:A:LYS:CA	1:142:A:LYS:C	1:143:A:TRP:N	18	1.01
(1,174)	1:140:A:LEU:C	1:141:A:LYS:N	1:141:A:LYS:CA	1:141:A:LYS:C	1	1.01
(1,146)	1:123:A:CYS:C	1:124:A:THR:N	1:124:A:THR:CA	1:124:A:THR:C	8	1.01
(1,133)	1:114:A:ILE:N	1:114:A:ILE:CA	1:114:A:ILE:C	1:115:A:ALA:N	2	1.01
(1,104)	1:76:A:ARG:C	1:77:A:CYS:N	1:77:A:CYS:CA	1:77:A:CYS:C	3	1.01
(1,94)	1:70:A:LYS:N	1:70:A:LYS:CA	1:70:A:LYS:C	1:71:A:LYS:N	5	1.01
(1,94)	1:70:A:LYS:N	1:70:A:LYS:CA	1:70:A:LYS:C	1:71:A:LYS:N	16	1.01
(1,89)	1:67:A:PRO:C	1:68:A:LYS:N	1:68:A:LYS:CA	1:68:A:LYS:C	9	1.01
(1,34)	1:35:A:LEU:N	1:35:A:LEU:CA	1:35:A:LEU:C	1:36:A:PRO:N	17	1.01
(1,164)	1:133:A:ASN:C	1:134:A:VAL:N	1:134:A:VAL:CA	1:134:A:VAL:C	12	1.0
(1,154)	1:128:A:LEU:C	1:129:A:LYS:N	1:129:A:LYS:CA	1:129:A:LYS:C	18	1.0
(1,129)	1:112:A:GLN:N	1:112:A:GLN:CA	1:112:A:GLN:C	1:113:A:PHE:N	5	1.0